

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109963.D
 Acq On : 18 Oct 2018 17:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:23:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206679	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	841367	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	389731	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	717431	20.00	ng	0.00
76) Chrysene-d12	14.16	240	462075	20.00	ng	0.00
87) Perylene-d12	15.68	264	357408	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	994600	76.28	ng	0.00
7) Phenol-d6	6.60	99	1244066	76.84	ng	0.00
23) Nitrobenzene-d5	7.54	82	1123992	89.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	305689	90.60	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1949602	79.82	ng	0.00
79) Terphenyl-d14	13.10	244	1789995	81.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	266534	35.991	ng	92
3) Pyridine	3.62	79	609416	36.912	ng	87
4) n-Nitrosodimethylamine	3.58	42	246729	36.634	ng	# 98
6) Aniline	6.64	93	820941	37.626	ng	# 54
8) 2-Chlorophenol	6.76	128	575693	39.417	ng	98
9) Benzaldehyde	6.53	77	394716	37.516	ng	94
10) Phenol	6.61	94	671462	38.412	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	543210	37.166	ng	92
12) 1,3-Dichlorobenzene	6.92	146	623896	38.957	ng	99
13) 1,4-Dichlorobenzene	6.99	146	624379	38.712	ng	96
14) 1,2-Dichlorobenzene	7.15	146	588711	39.638	ng	98
15) Benzyl Alcohol	7.12	79	493272	39.601	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	875453	36.493	ng	68
17) 2-Methylphenol	7.22	107	455783	38.701	ng	# 80
18) Hexachloroethane	7.49	117	229252	40.221	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	385983	37.130	ng	97
20) 3+4-Methylphenols	7.37	107	579155	38.752	ng	95
22) Acetophenone	7.39	105	749660	38.421	ng	# 98
24) Nitrobenzene	7.56	77	580404	42.777	ng	91
25) Isophorone	7.80	82	937164	38.187	ng	95
26) 2-Nitrophenol	7.87	139	302856	53.834	ng	93
27) 2,4-Dimethylphenol	7.90	122	465835	39.408	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	638277	37.897	ng	99
29) 2,4-Dichlorophenol	8.11	162	471134	41.085	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	520102	40.508	ng	97
31) Naphthalene	8.29	128	1497517	38.814	ng	99
32) Benzoic acid	8.01	122	265253	36.015	ng	91
33) 4-Chloroaniline	8.33	127	681873	39.316	ng	99
34) Hexachlorobutadiene	8.39	225	287699	40.634	ng	99
35) Caprolactam	8.70	113	157942	38.782	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	490819	40.573	ng	98
37) 2-Methylnaphthalene	8.97	142	982750	39.337	ng	99
38) 1-Methylnaphthalene	9.07	142	949669	39.229	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	479092	39.910	ng	99

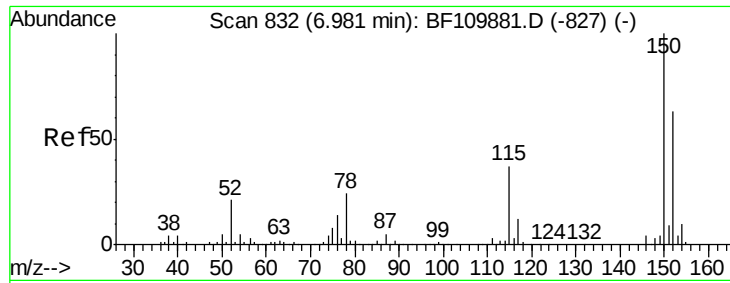
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109963.D
 Acq On : 18 Oct 2018 17:14
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:23:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	260124	44.896	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	319230	42.530	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	332846	42.725	nq	95
46) 1,1'-Biphenyl	9.44	154	1356499	39.066	nq	98
47) 2-Chloronaphthalene	9.47	162	1005899	39.328	nq	98
48) 2-Nitroaniline	9.56	65	318072	48.458	nq	96
49) Acenaphthylene	9.89	152	1452954	39.103	nq	98
50) Dimethylphthalate	9.73	163	1094616	39.665	nq	99
51) 2,6-Dinitrotoluene	9.80	165	257301	49.089	nq	96
52) Acenaphthene	10.06	154	957386	40.471	nq	98
53) 3-Nitroaniline	9.97	138	296307	46.472	nq	94
54) 2,4-Dinitrophenol	10.07	184	87299	55.369	nq	# 80
55) Dibenzofuran	10.23	168	1331162	39.457	nq	98
56) 4-Nitrophenol	10.12	139	224732	46.193	nq	93
57) 2,4-Dinitrotoluene	10.20	165	327920	49.381	nq	# 86
58) Fluorene	10.57	166	969376	39.472	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	272315	44.106	nq	96
60) Diethylphthalate	10.43	149	1073206	39.374	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	513433	40.134	nq	99
62) 4-Nitroaniline	10.59	138	284266	47.099	nq	93
63) Azobenzene	10.72	77	1055264	37.060	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	138539	52.430	nq	88
66) n-Nitrosodiphenylamine	10.68	169	937281	39.225	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	309240	39.773	nq	95
68) Hexachlorobenzene	11.12	284	327406	39.489	nq	# 91
69) Atrazine	11.20	200	306411	41.052	nq	98
70) Pentachlorophenol	11.31	266	211207	44.761	nq	96
71) Phenanthrene	11.54	178	1427502	38.434	nq	99
72) Anthracene	11.59	178	1454014	38.939	nq	99
73) Carbazole	11.74	167	1401418	38.187	nq	99
74) Di-n-butylphthalate	12.06	149	1575192	38.460	nq	99
75) Fluoranthene	12.73	202	1399013	37.705	nq	99
77) Benzidine	12.85	184	711551	40.163	nq	98
78) Pyrene	12.96	202	1423291	41.938	nq	99
80) Butylbenzylphthalate	13.56	149	597333	43.535	nq	98
81) Benzo(a)anthracene	14.14	228	1054369	38.739	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	376327	39.440	nq	97
83) Chrysene	14.19	228	994309	38.380	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	754720	41.803	nq	97
85) Di-n-octyl phthalate	14.74	149	1120008	44.002	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	922169	44.210	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	823957	39.988	nq	100
89) Benzo(k)fluoranthene	15.23	252	823957	40.569	nq	99
90) Benzo(a)pyrene	15.62	252	767421	40.495	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	763221	45.444	nq	97
92) Benzo(g,h,i)perylene	17.72	276	781626	46.062	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

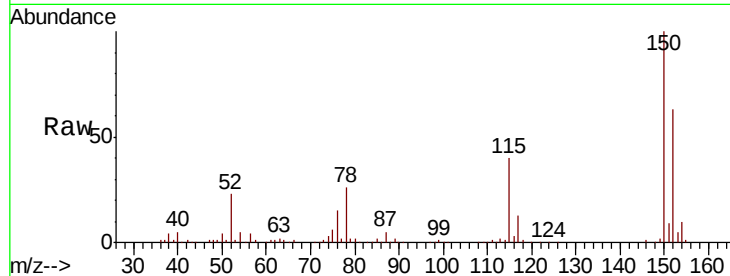


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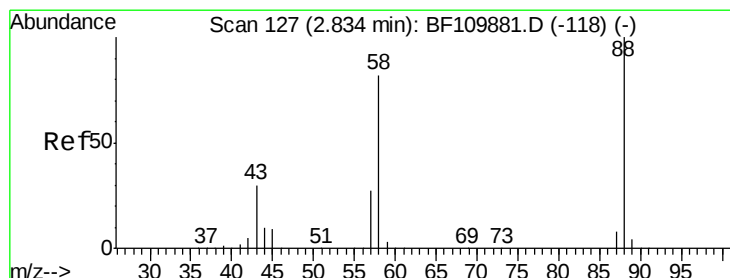
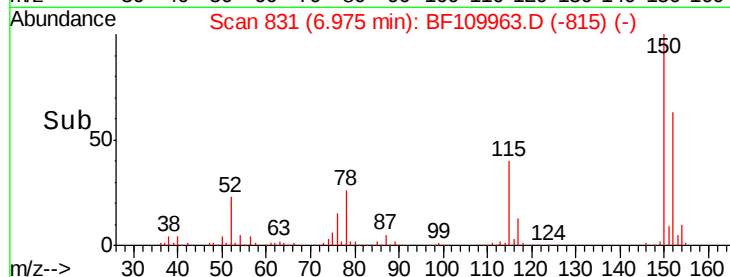
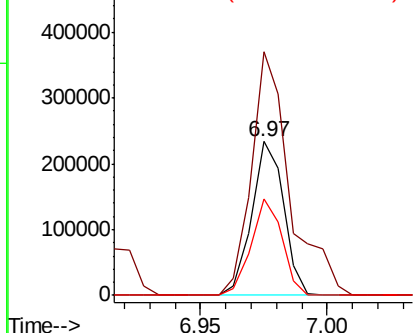
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 206679
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 63.1 49.1 73.7



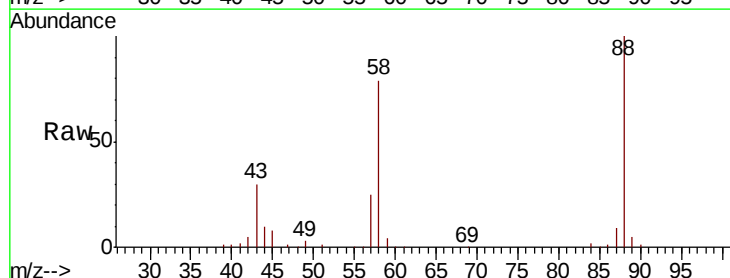
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



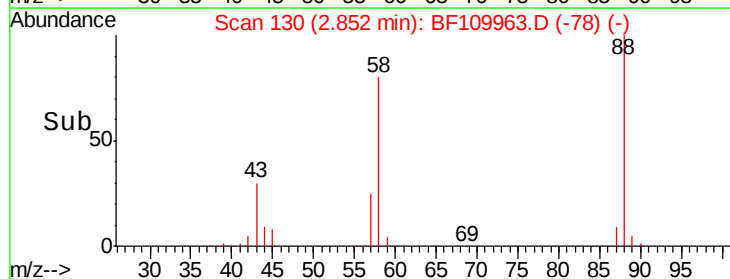
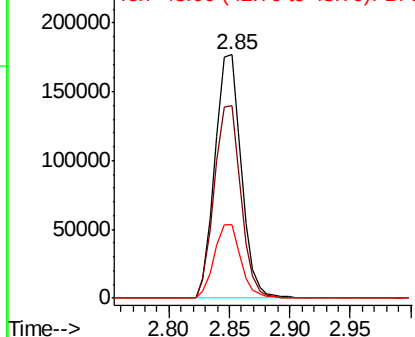
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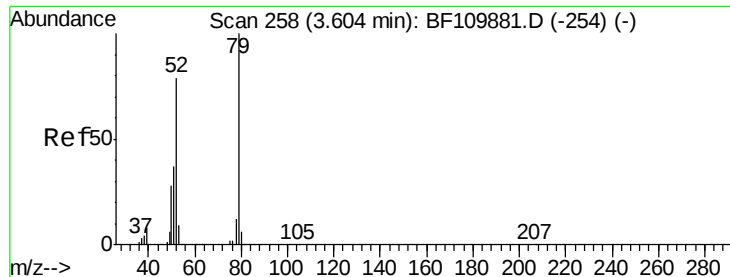
1,4-Dioxane
Concen: 35.991 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion: 88 Resp: 266534
Ion Ratio Lower Upper
88 100
58 79.9 57.1 85.7
43 30.7 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.912 ng

RT: 3.62 min Scan# 260

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

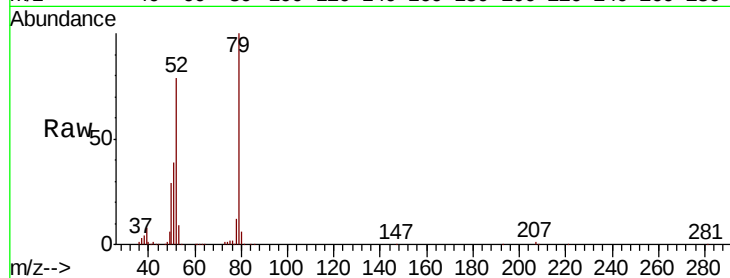
Tot Ion: 79 Resp: 609416

Ion Ratio Lower Upper

79 100

52 79.2 53.1 79.7

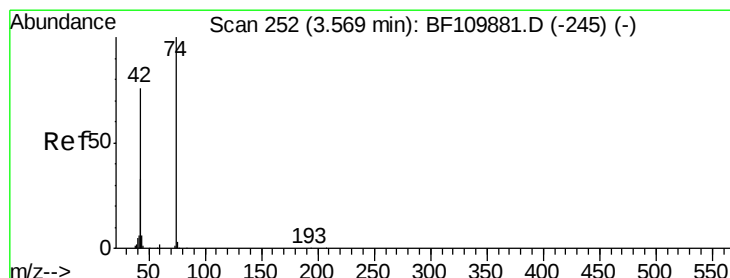
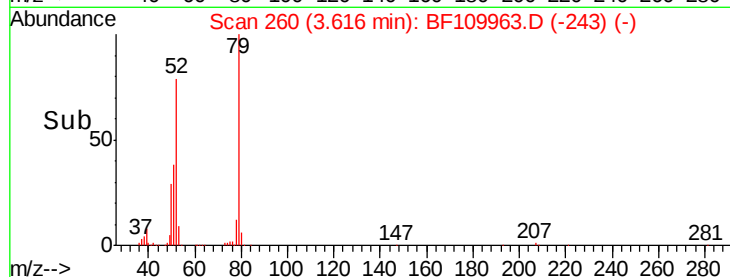
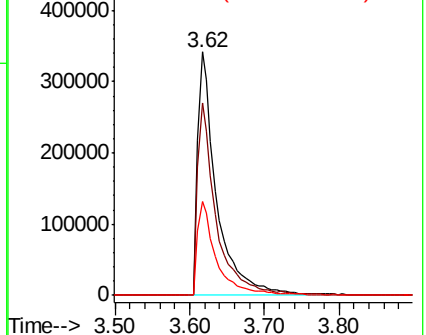
51 38.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.634 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

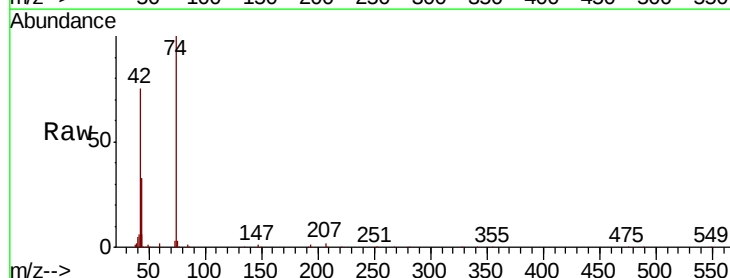
Tgt Ion: 42 Resp: 246729

Ion Ratio Lower Upper

42 100

74 134.2 105.5 158.3

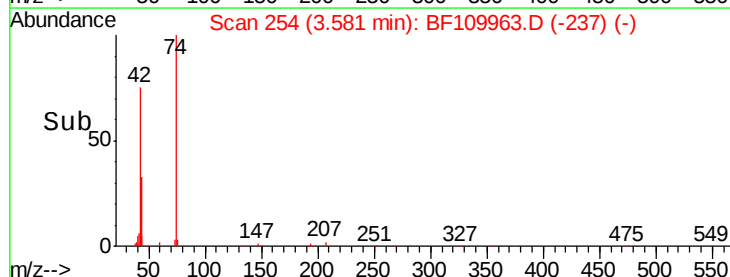
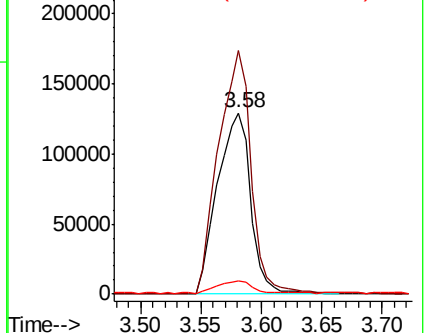
44 7.6 4.9 7.3#

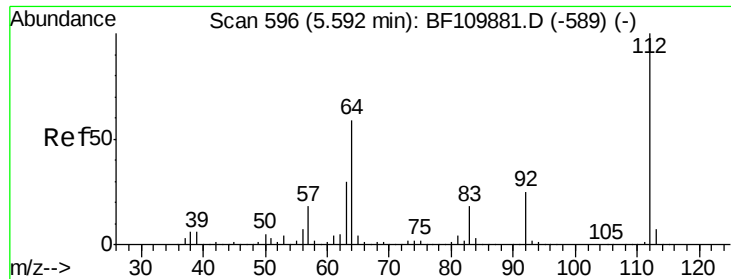


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.281 ng

RT: 5.59 min Scan# 596

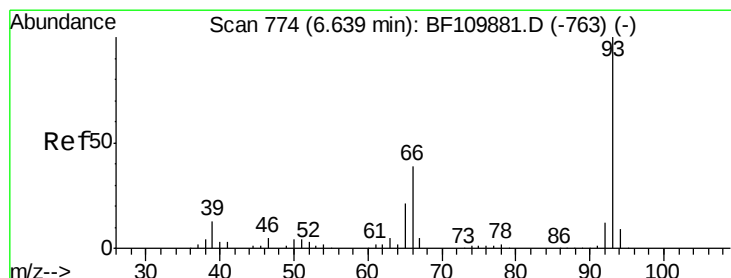
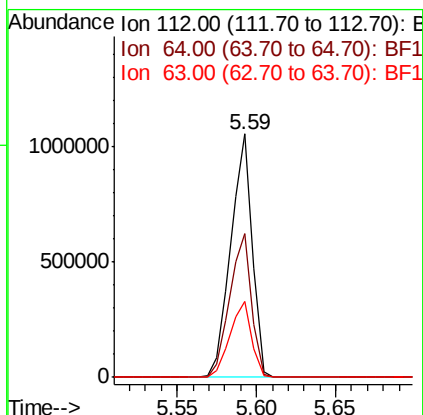
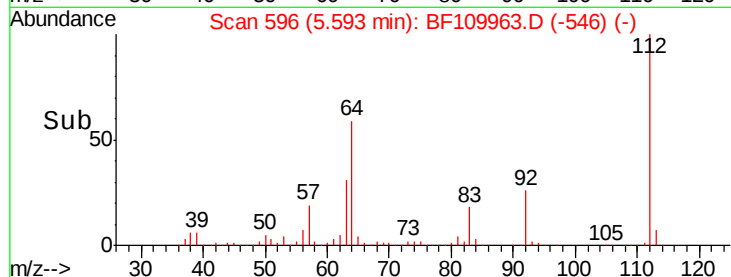
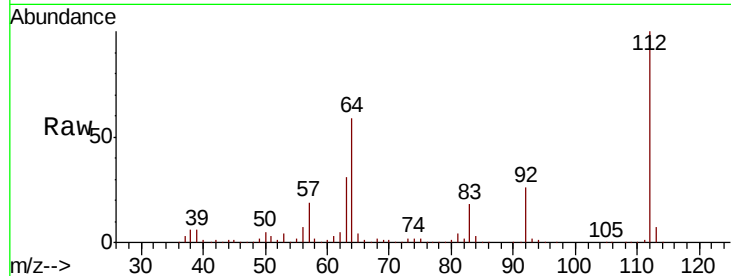
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	994600
Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	31.0	23.7	35.5



#6

Aniline

Concen: 37.626 ng

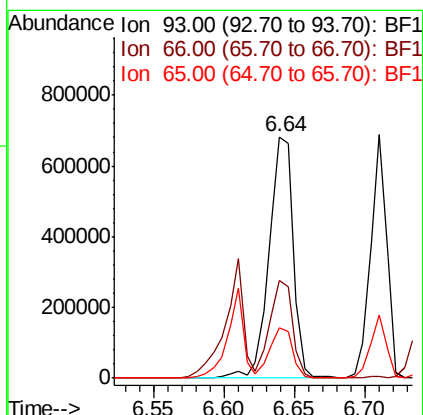
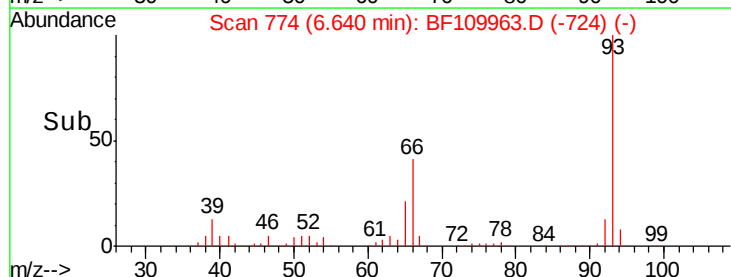
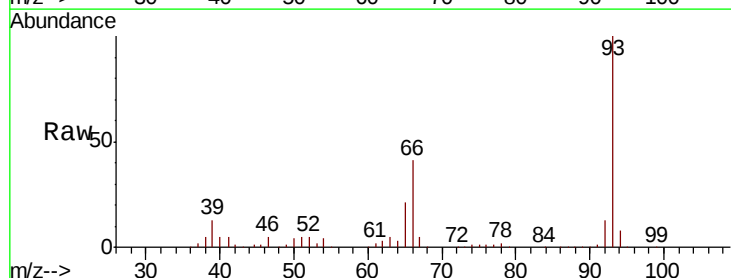
RT: 6.64 min Scan# 774

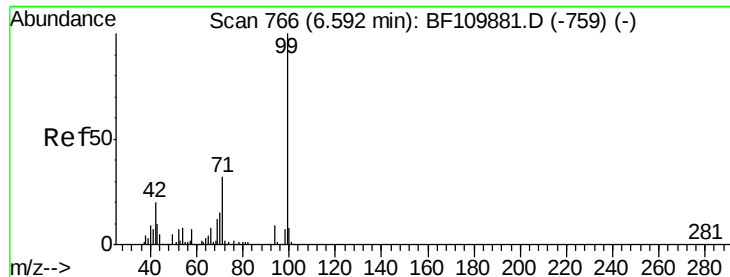
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	93	Resp:	820941
Ion	Ratio	Lower	Upper
93	100		
66	40.6	67.4	101.0#
65	20.8	41.0	61.4#





#7

Phenol-d6

Concen: 76.839 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

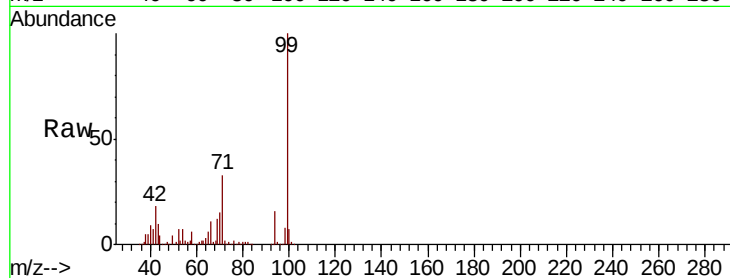
Tot Ion: 99 Resp: 1244066

Ion Ratio Lower Upper

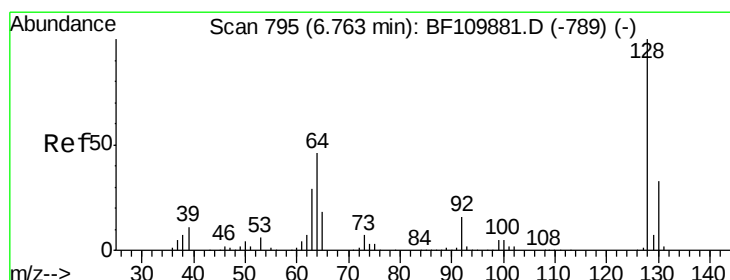
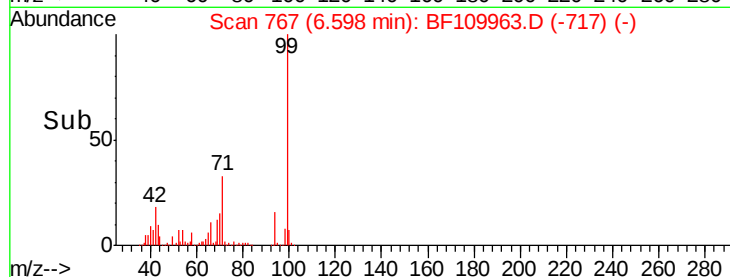
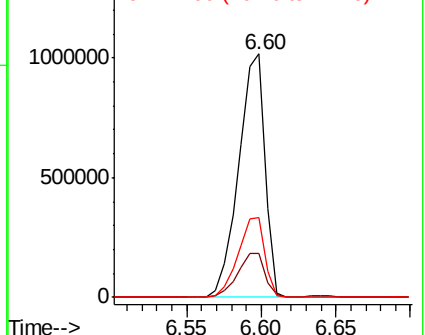
99 100

42 18.2 15.8 23.6

71 33.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.417 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

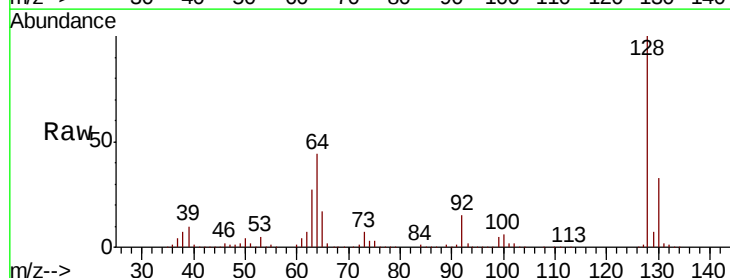
Tgt Ion: 128 Resp: 575693

Ion Ratio Lower Upper

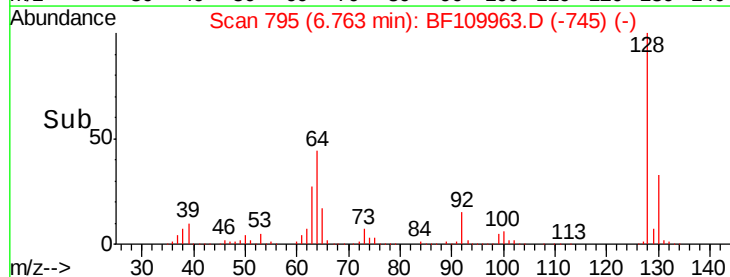
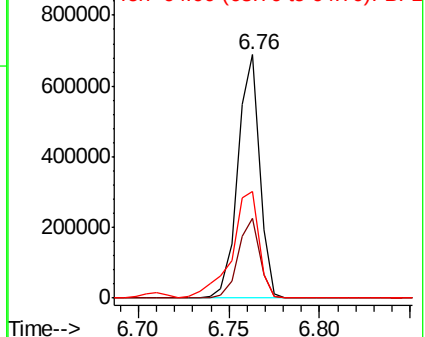
128 100

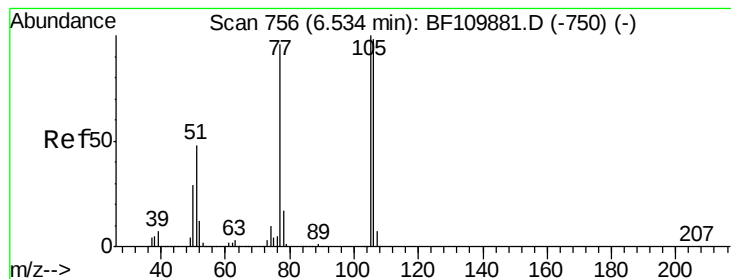
130 32.9 13.1 53.1

64 43.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.516 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampled :

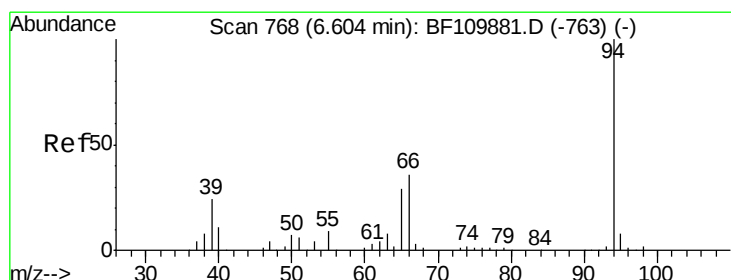
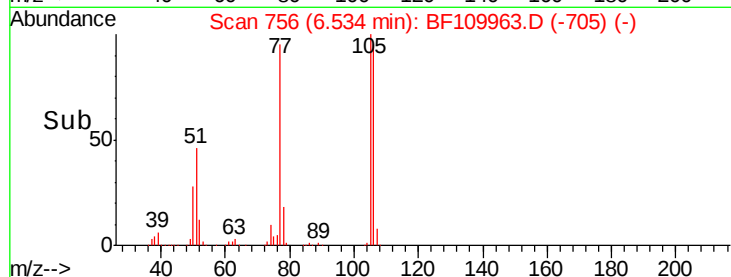
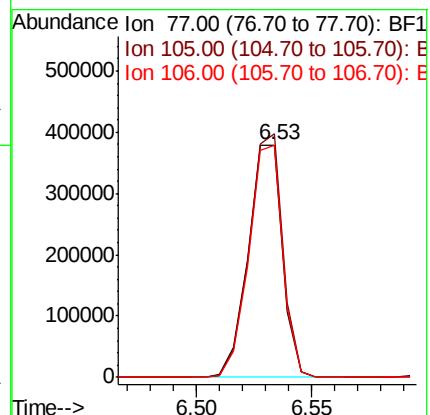
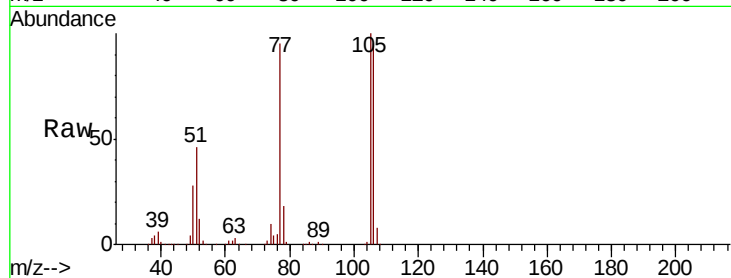
Tot Ion: 77 Resp: 394716

Ion Ratio Lower Upper

77 100

105 104.7 78.6 118.6

106 99.9 74.8 114.8



#10

Phenol

Concen: 38.412 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

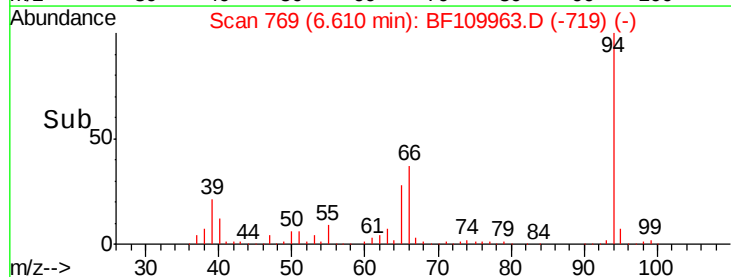
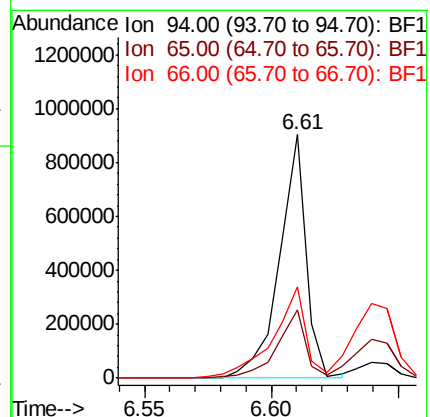
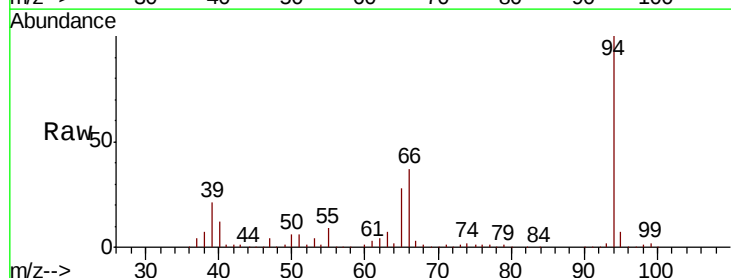
Tgt Ion: 94 Resp: 671462

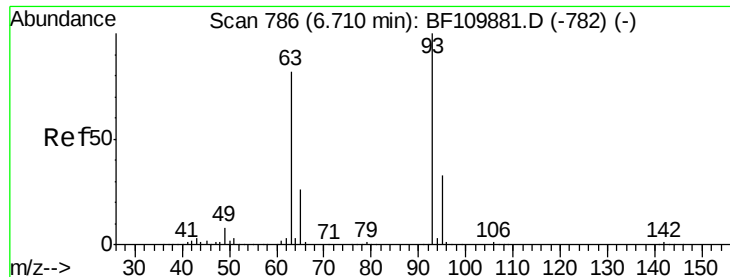
Ion Ratio Lower Upper

94 100

65 28.2 25.3 65.3

66 37.5 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 37.166 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

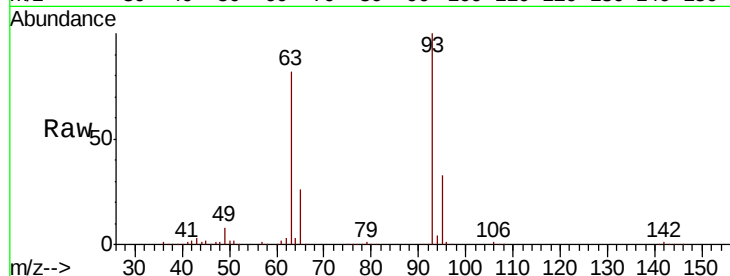
Tot Ion: 93 Resp: 543210

Ion Ratio Lower Upper

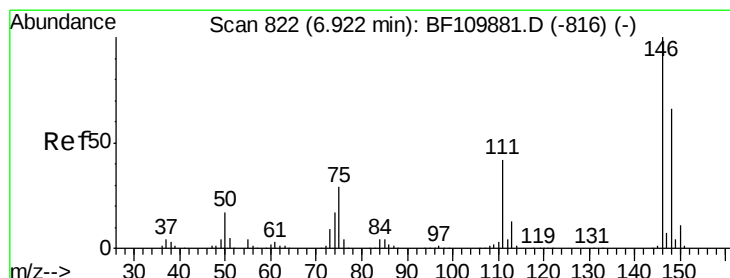
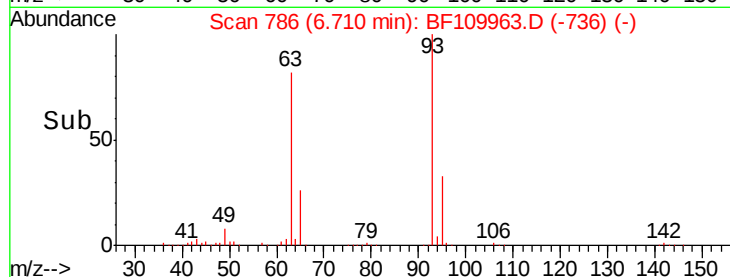
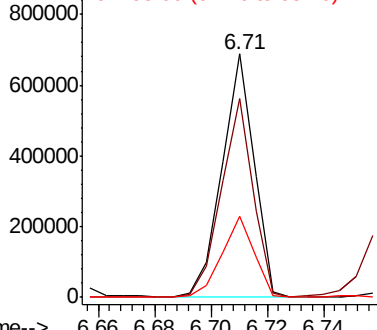
93 100

63 81.7 53.4 93.4

95 33.4 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.957 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

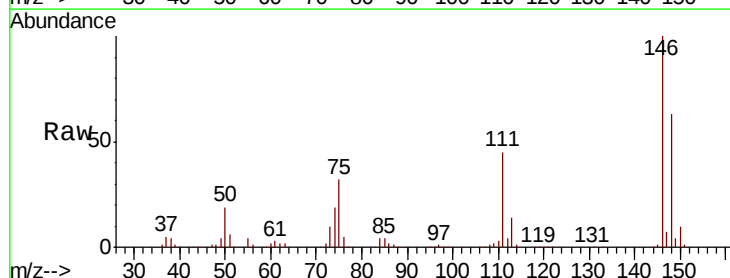
Tgt Ion: 146 Resp: 623896

Ion Ratio Lower Upper

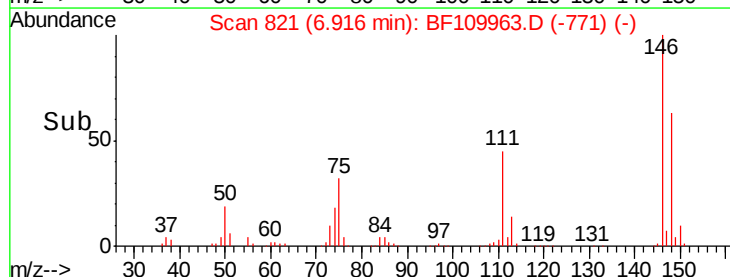
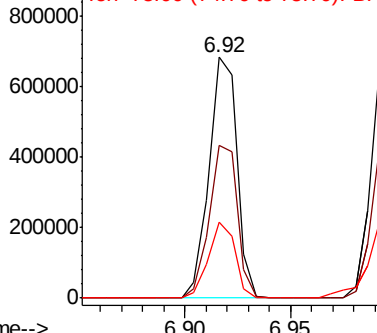
146 100

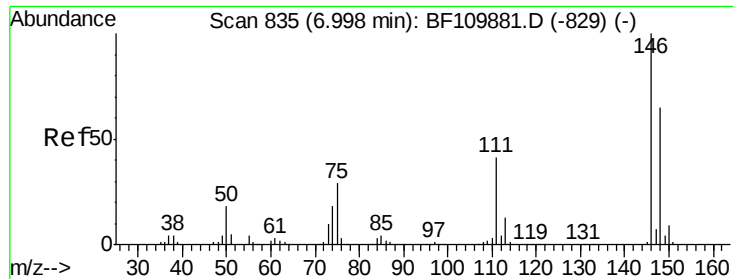
148 63.4 50.4 75.6

75 31.7 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

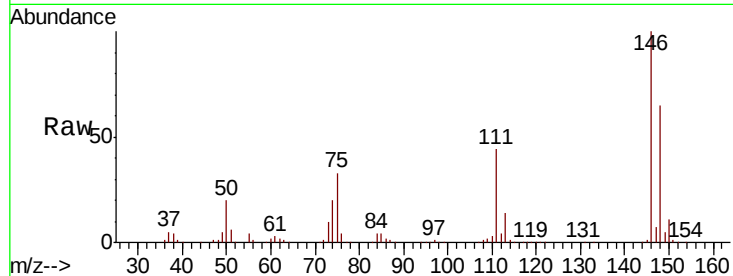




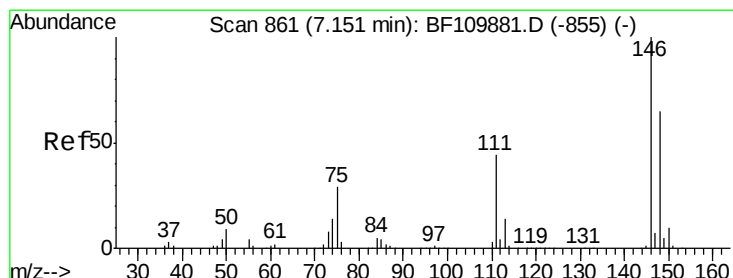
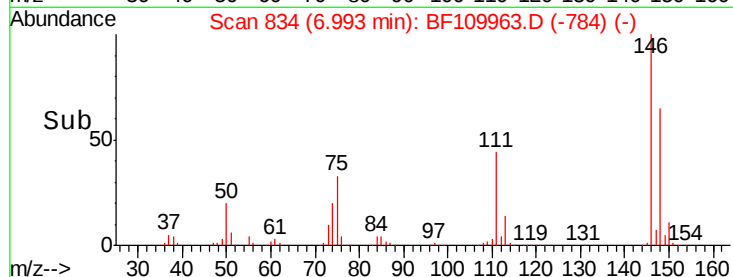
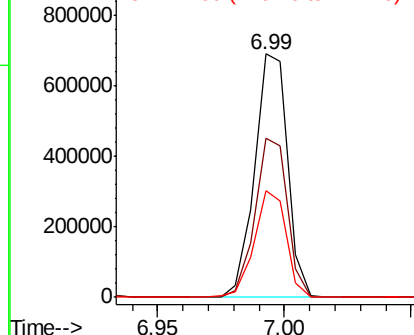
#13
 1,4-Dichlorobenzene
 Concen: 38.712 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 624379
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.3 75.5
 111 43.9 32.7 49.1

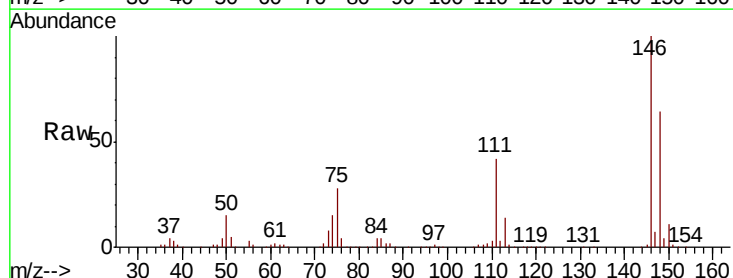


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

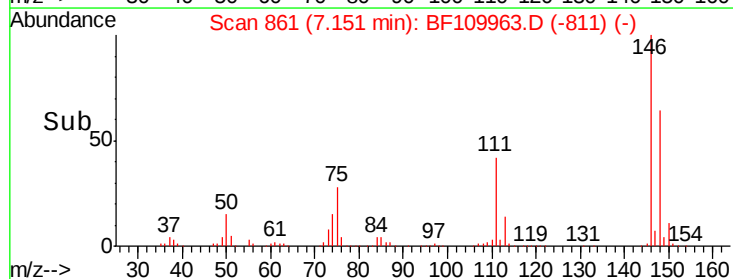
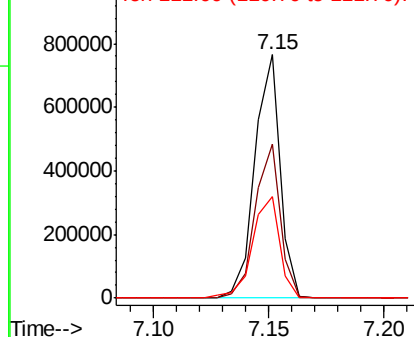


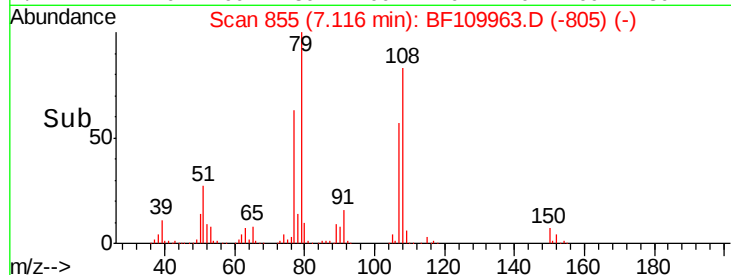
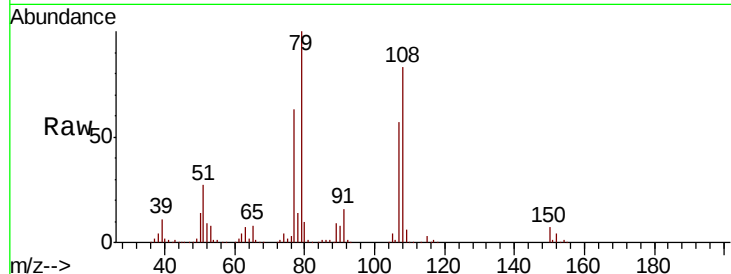
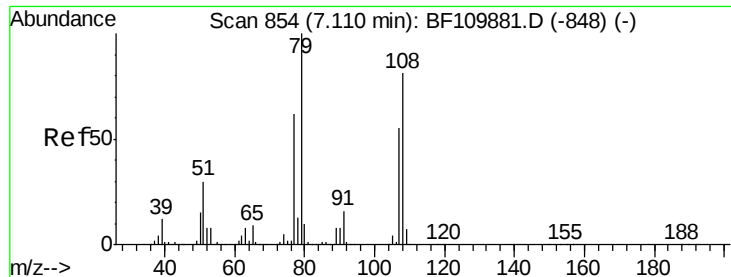
#14
 1,2-Dichlorobenzene
 Concen: 39.638 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion:146 Resp: 588711
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 41.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.601 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

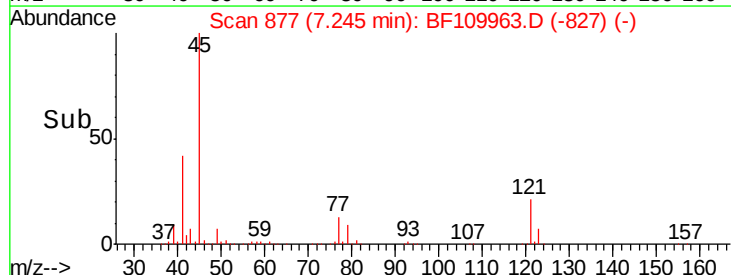
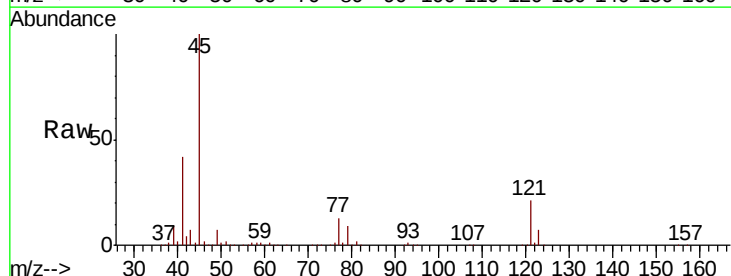
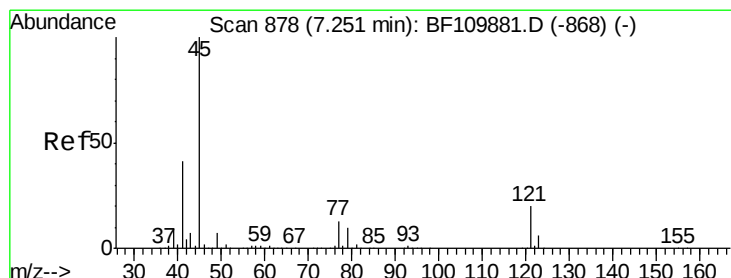
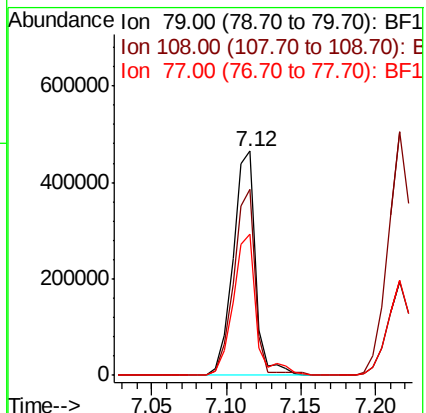
Tot Ion: 79 Resp: 493272

Ion Ratio Lower Upper

79 100

108 82.7 56.3 84.5

77 63.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.493 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

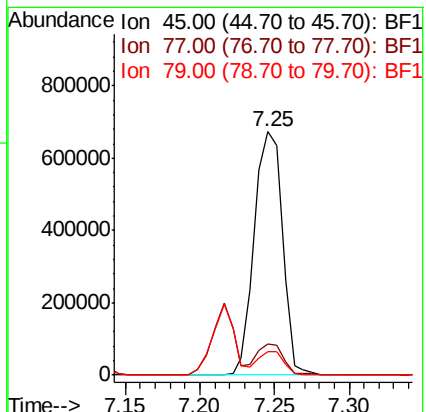
Tgt Ion: 45 Resp: 875453

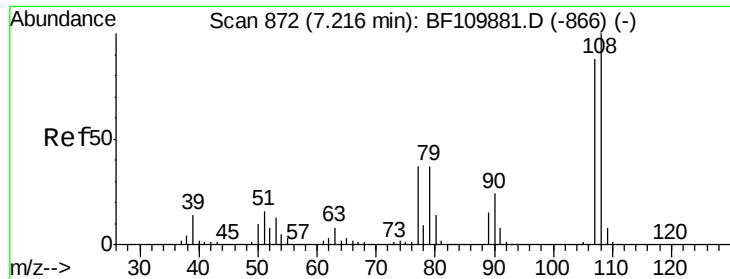
Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

79 9.4 6.1 46.1

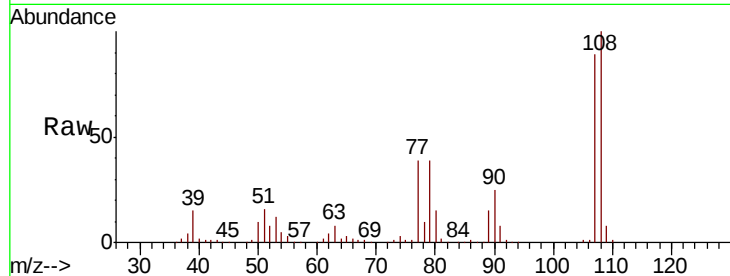




#17
2-Methylphenol
Concen: 38.701 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	43.8	59.4	89.2#
79	43.3	54.0	81.0#



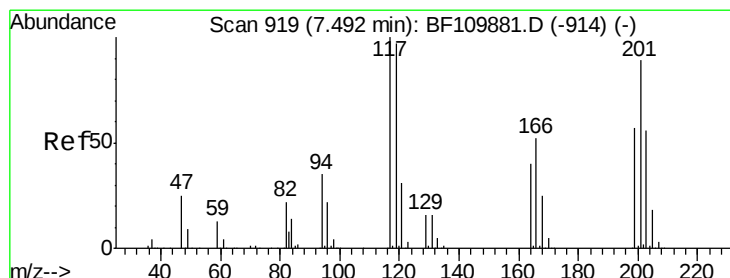
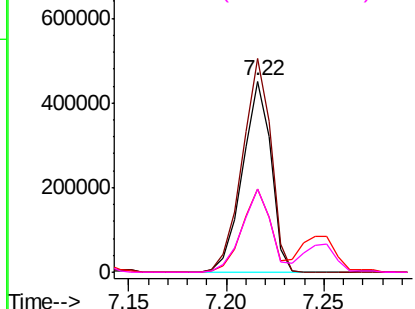
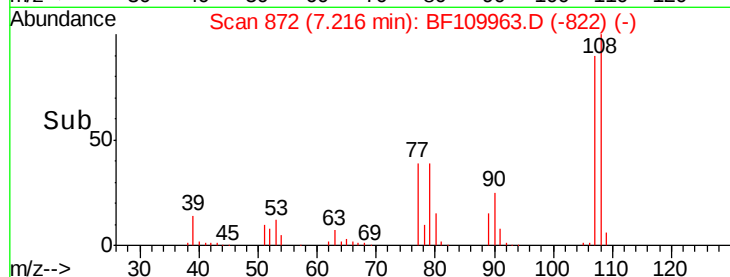
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

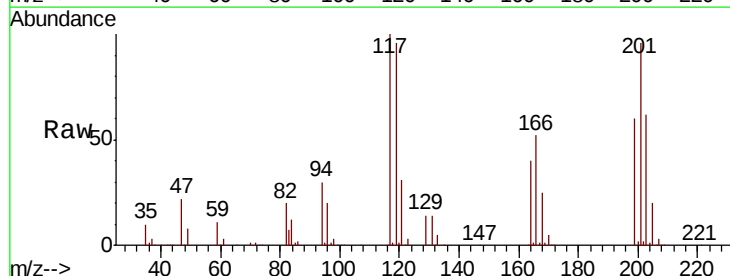
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.221 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.0	112.6
201	96.3	79.2	118.8

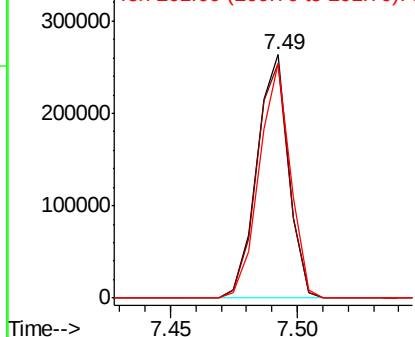
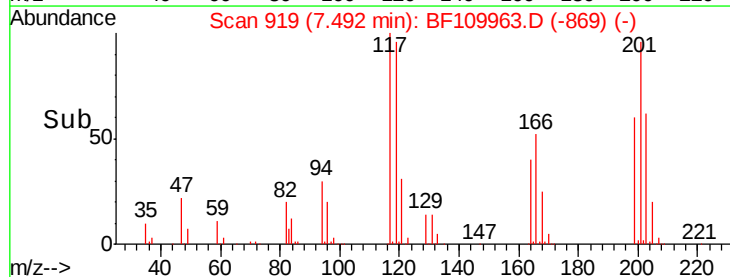


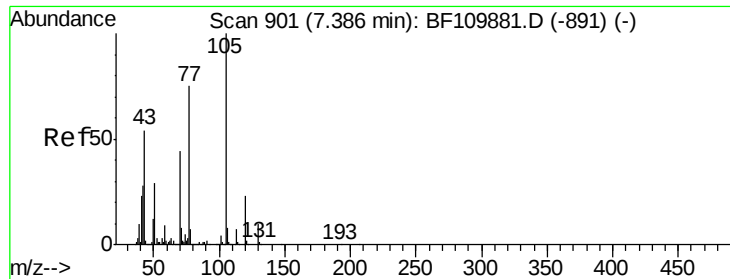
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

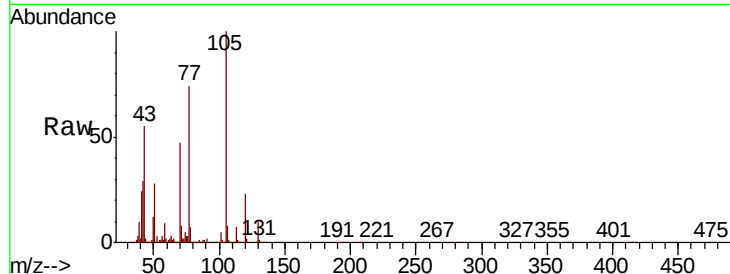




#19
n-Nitroso-di-n-propylamine
Concen: 37.130 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	70	Resp	385983
Ion Ratio	Lower	Upper	
70	100		
42	61.4	47.4	71.2
101	10.0	7.3	10.9
130	21.7	16.2	24.2



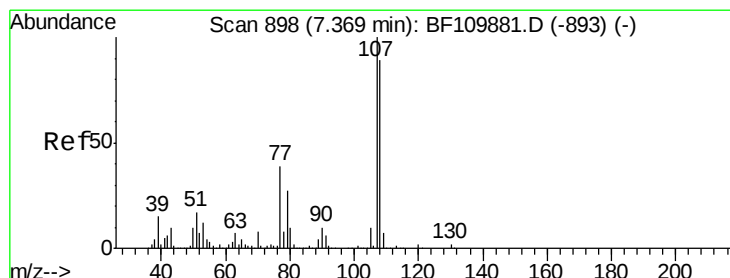
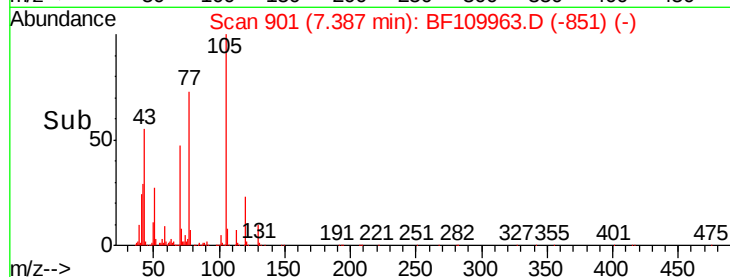
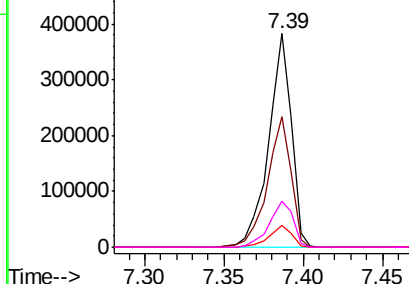
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.752 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	107	Resp	579155
Ion Ratio	Lower	Upper	
107	100		
108	94.6	71.4	111.4
77	59.3	47.3	87.3
79	31.6	10.9	50.9

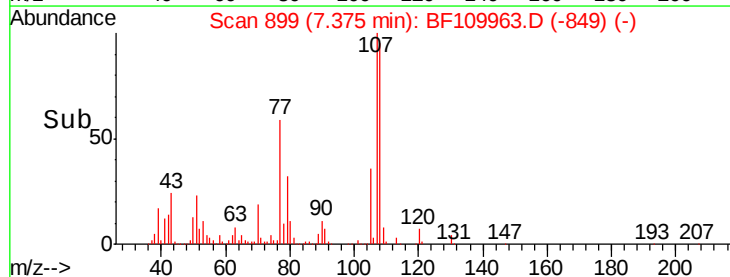
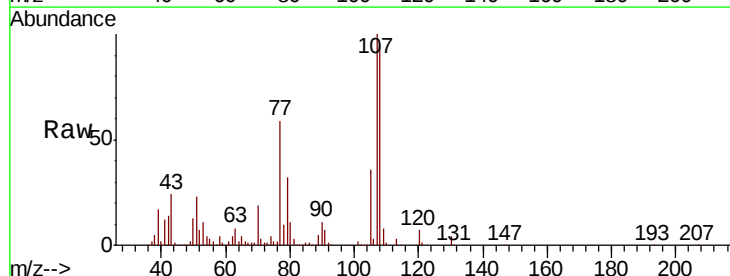
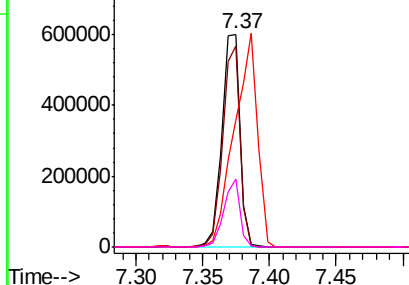
Abundance

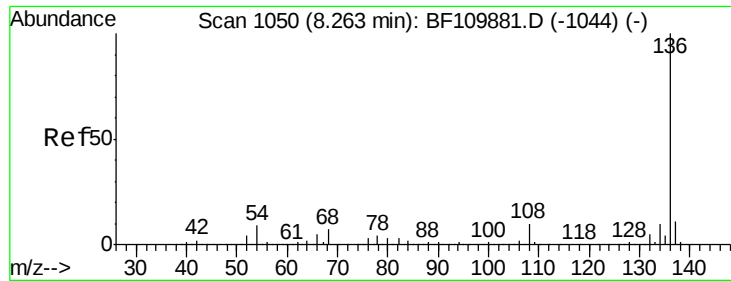
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

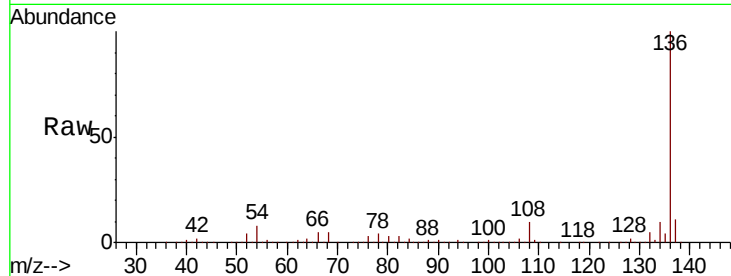




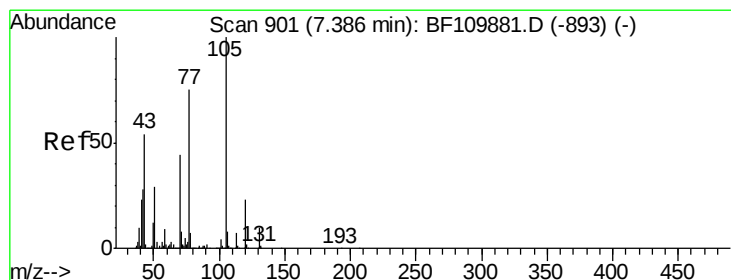
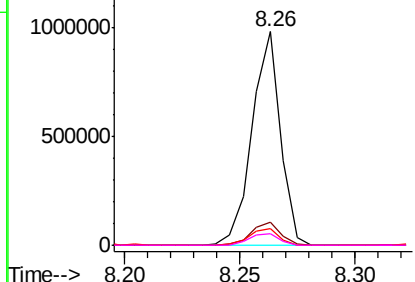
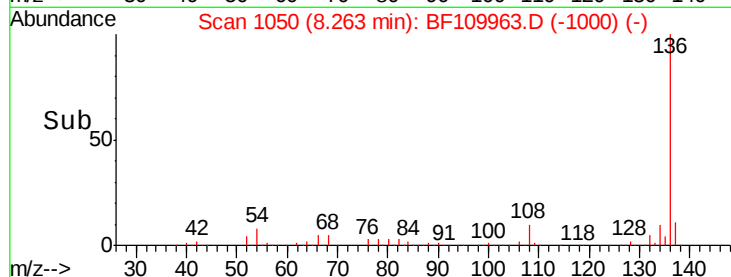
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	841367
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.0	5.4 8.2
68	5.4	4.2 6.2

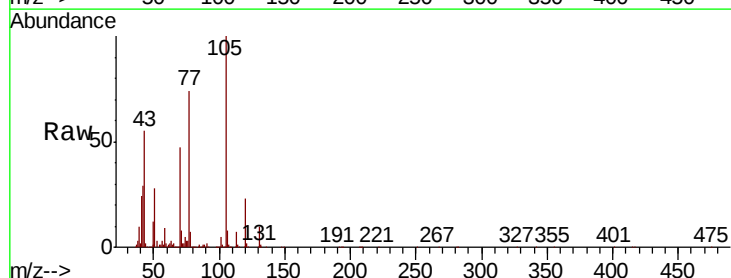


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

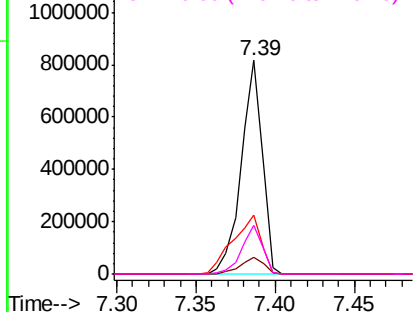
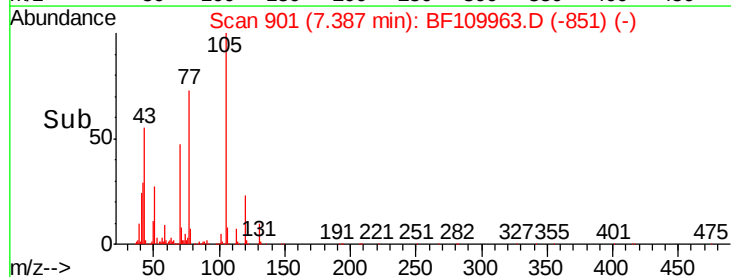


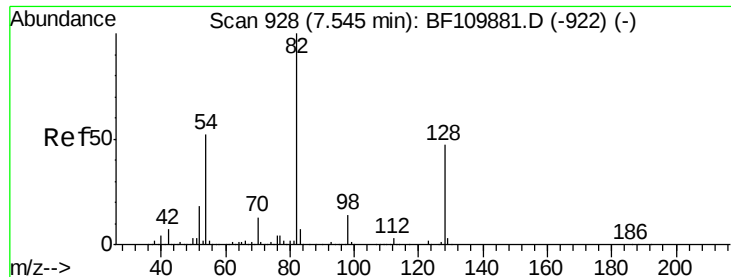
#22
Acetophenone
Concen: 38.421 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:105	Resp:	749660
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.2 7.8#
51	27.5	21.8 32.8
120	22.7	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

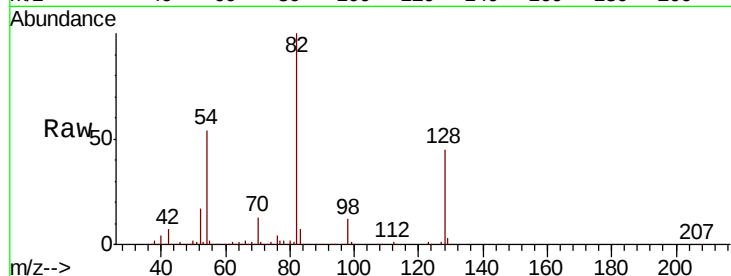




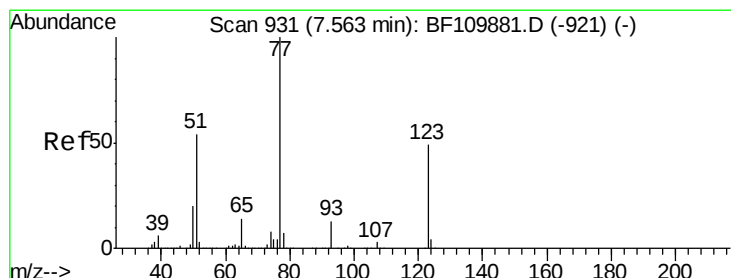
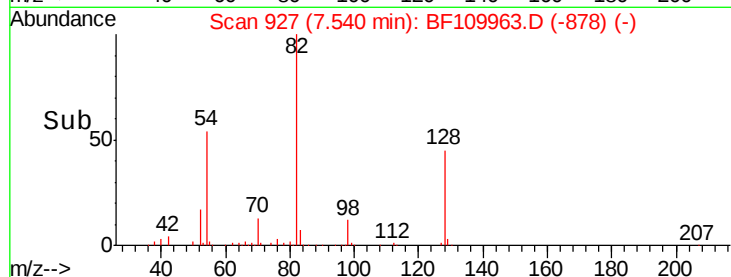
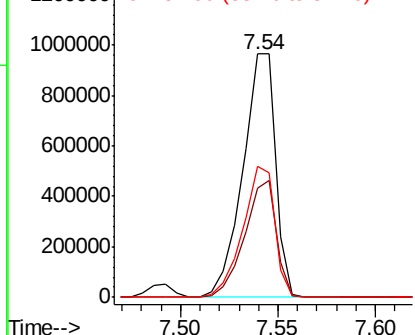
#23
Nitrobenzene-d5
Concen: 89.992 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1123992
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.2
54 53.8 38.6 58.0

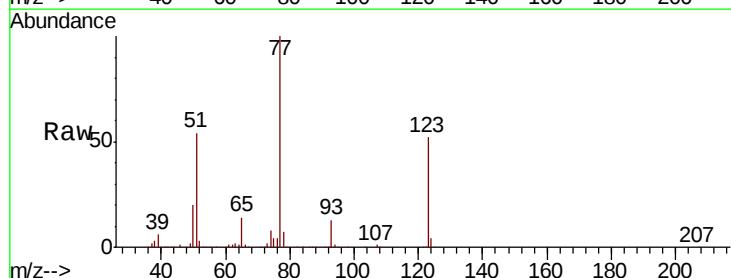


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

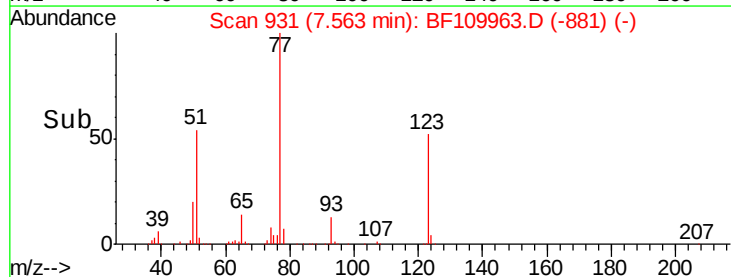
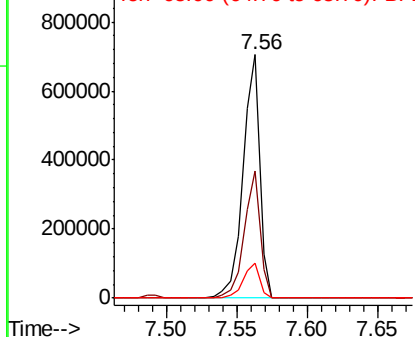


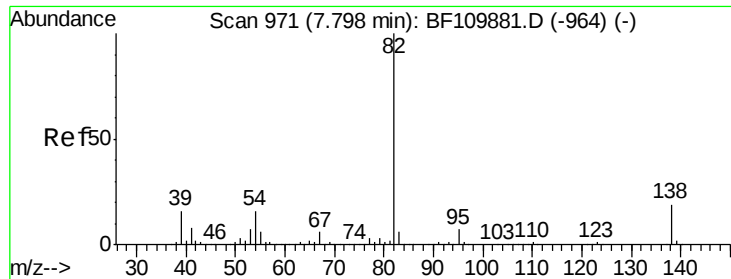
#24
Nitrobenzene
Concen: 42.777 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion: 77 Resp: 580404
Ion Ratio Lower Upper
77 100
123 52.0 35.7 53.5
65 14.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.187 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

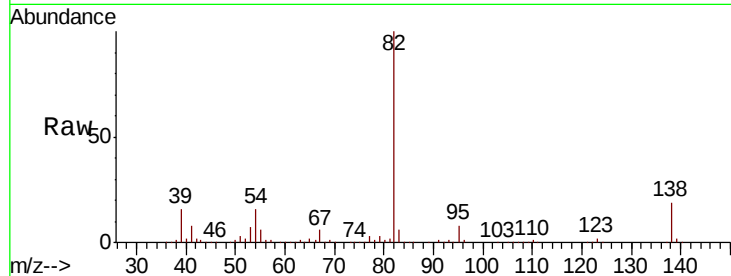
Tot Ion: 82 Resp: 937164

Ion Ratio Lower Upper

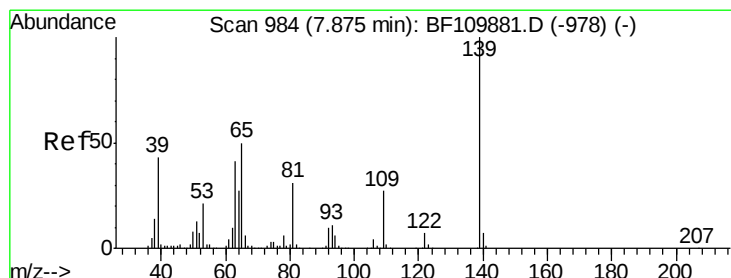
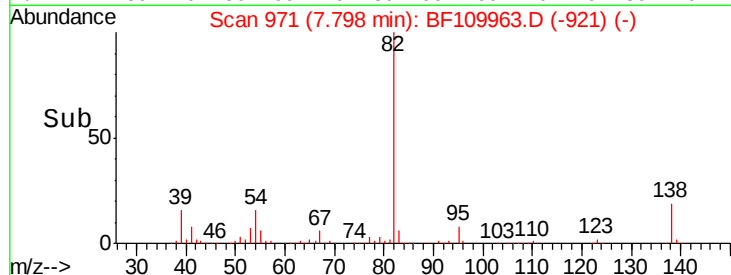
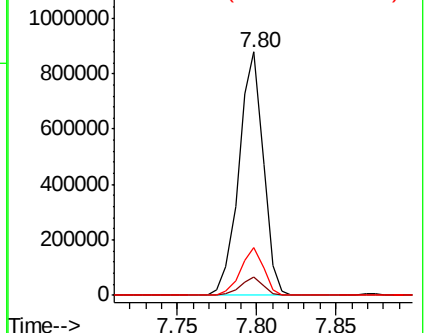
82 100

95 7.6 5.7 8.5

138 19.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.834 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

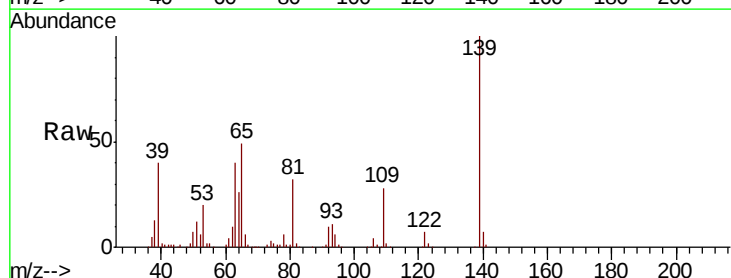
Tgt Ion: 139 Resp: 302856

Ion Ratio Lower Upper

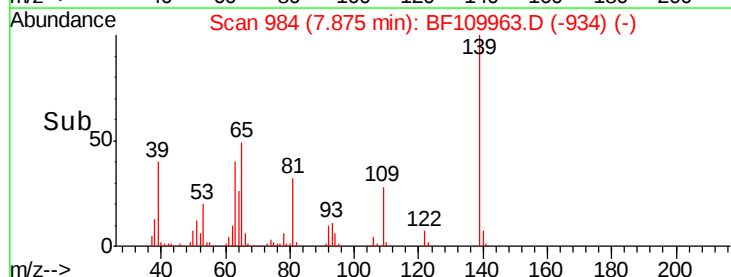
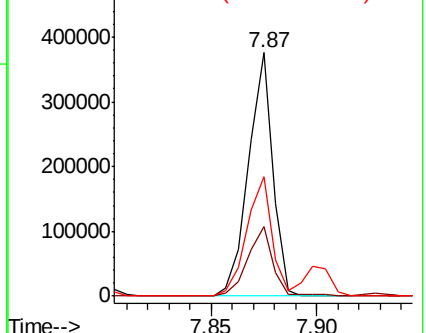
139 100

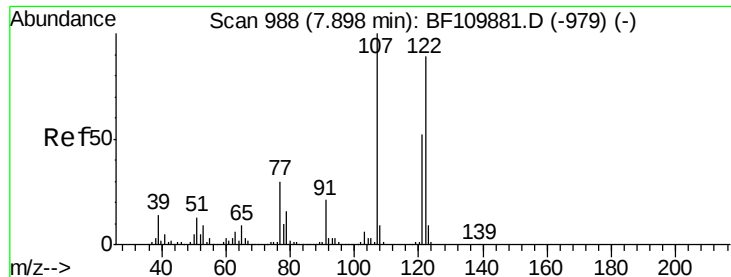
109 28.5 25.0 37.6

65 48.9 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.408 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

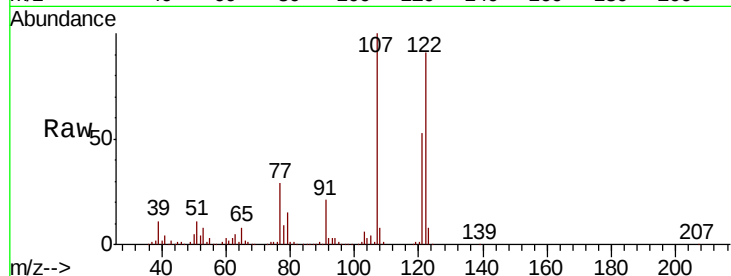
Tot Ion:122 Resp: 465835

Ion Ratio Lower Upper

122 100

107 109.6 92.5 138.7

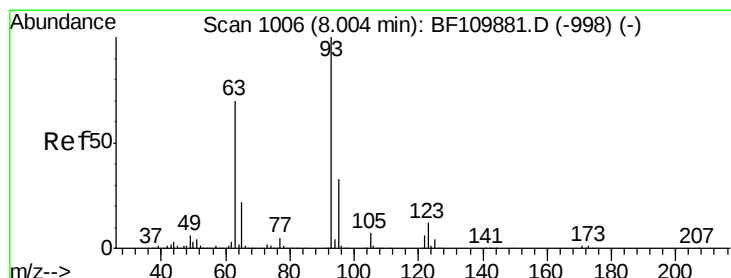
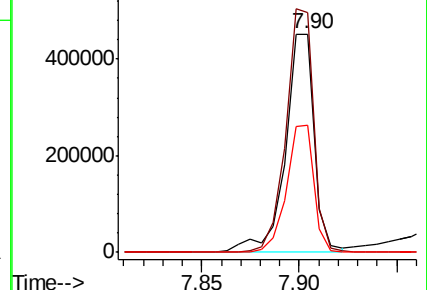
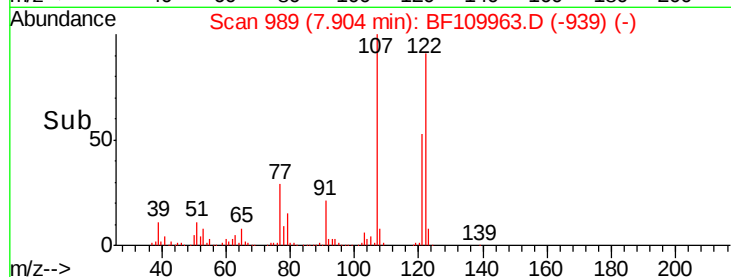
121 58.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.897 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

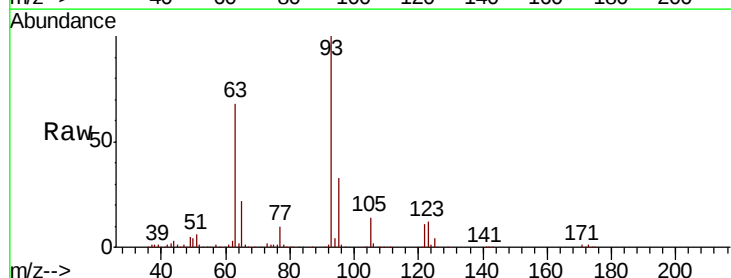
Tgt Ion: 93 Resp: 638277

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

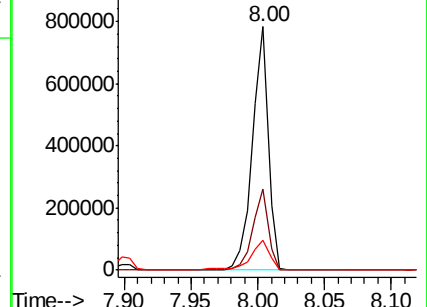
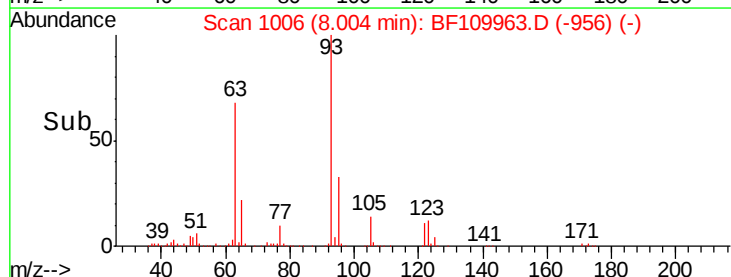
123 12.5 9.0 13.6

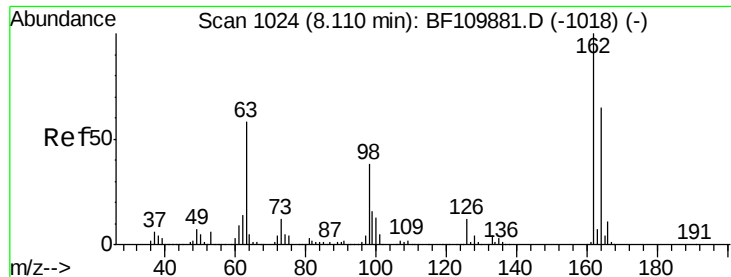


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

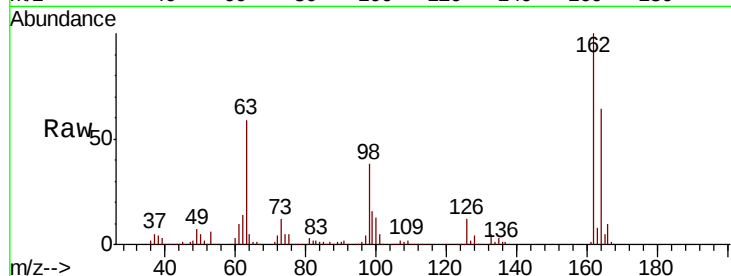




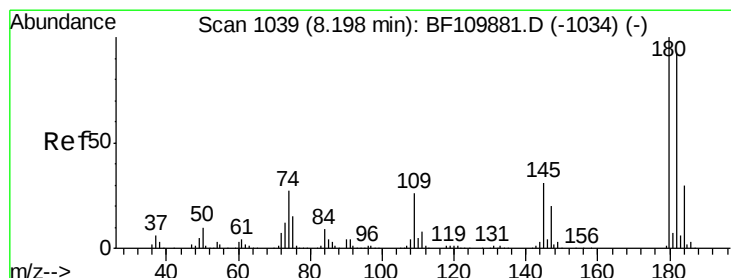
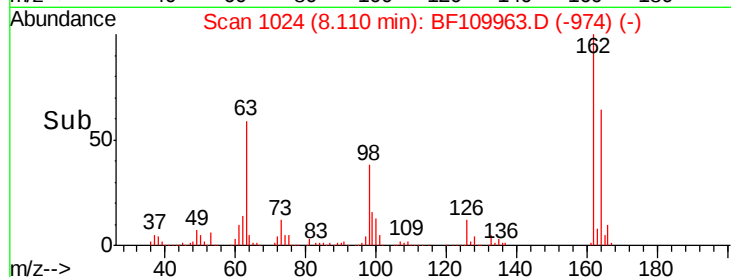
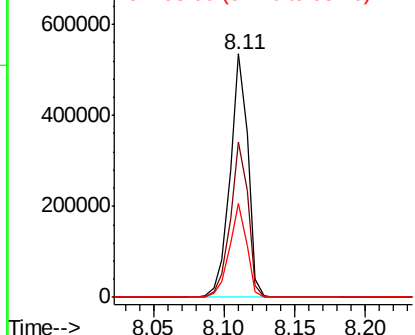
#29
 2,4-Dichlorophenol
 Concen: 41.085 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	38.5	17.4	57.4

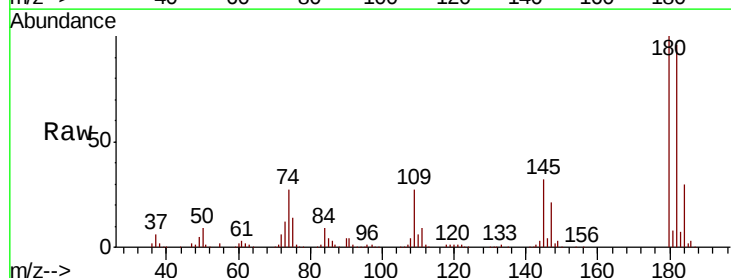


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

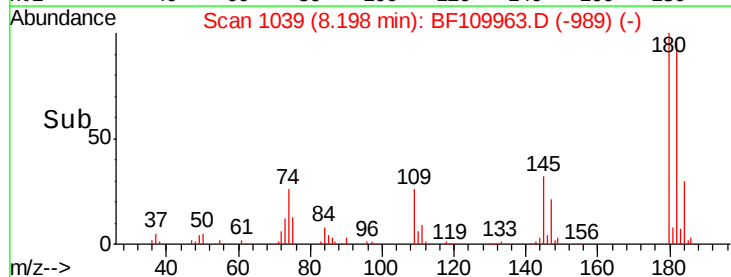
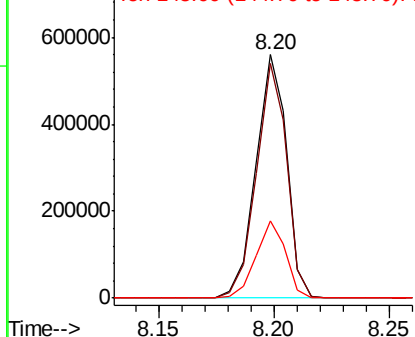


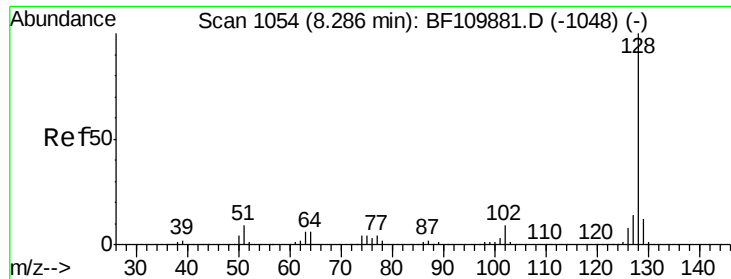
#30
 1,2,4-Trichlorobenzene
 Concen: 40.508 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	80.3	120.5
145	31.8	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

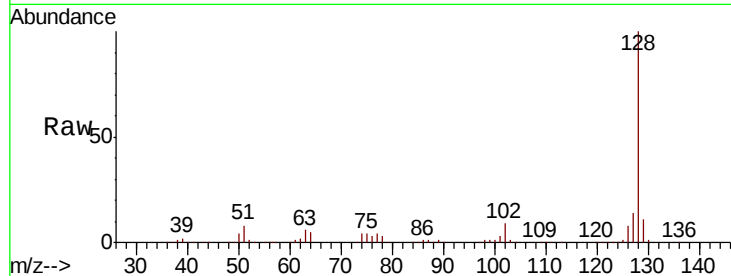




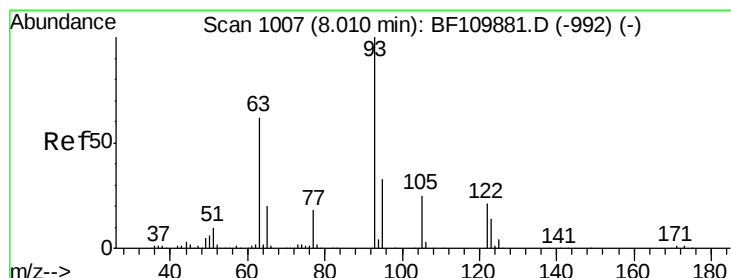
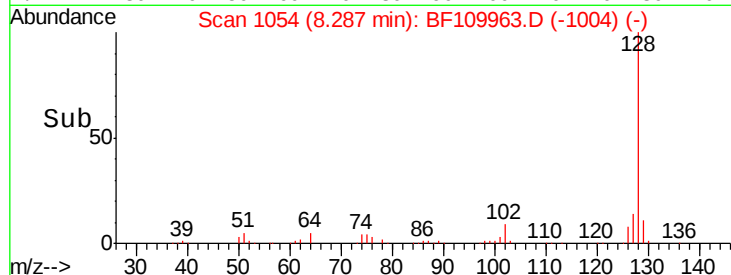
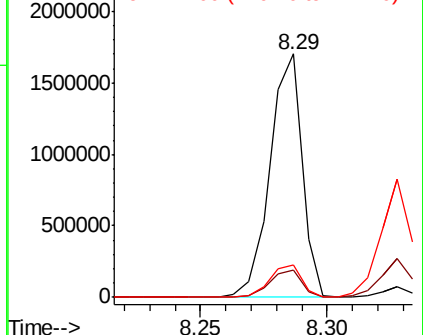
#31
Naphthalene
Concen: 38.814 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1497517
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.8 16.2

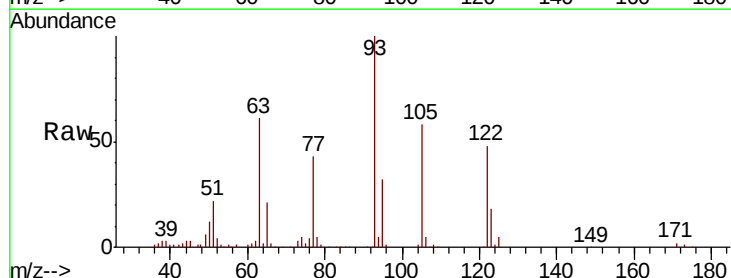


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

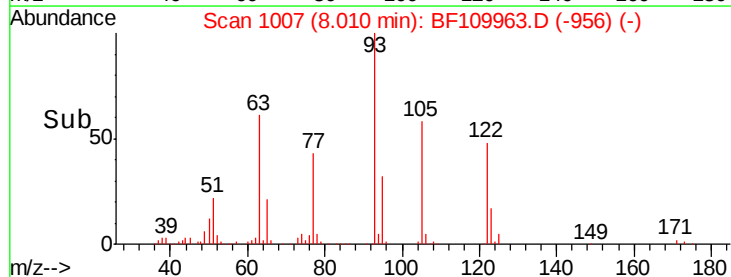
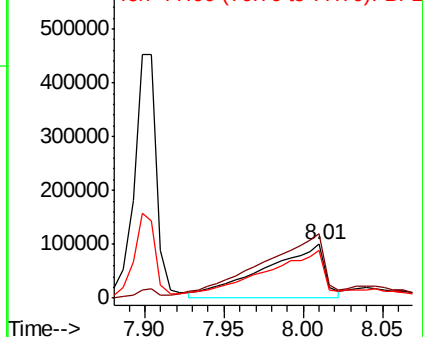


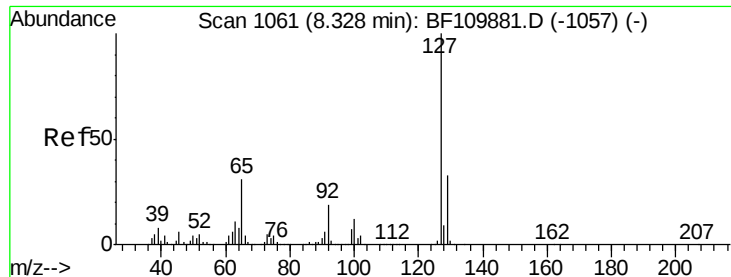
#32
Benzoic acid
Concen: 36.015 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:122 Resp: 265253
Ion Ratio Lower Upper
122 100
105 119.8 109.0 149.0
77 89.0 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

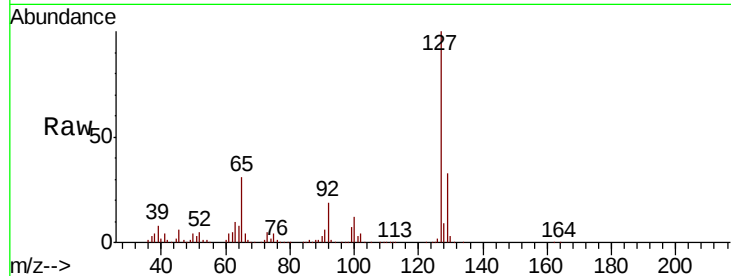




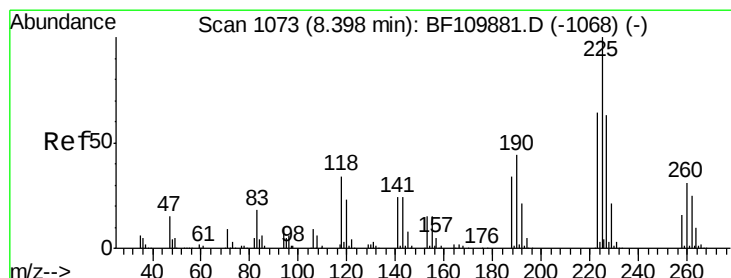
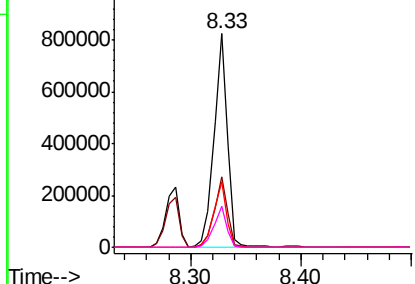
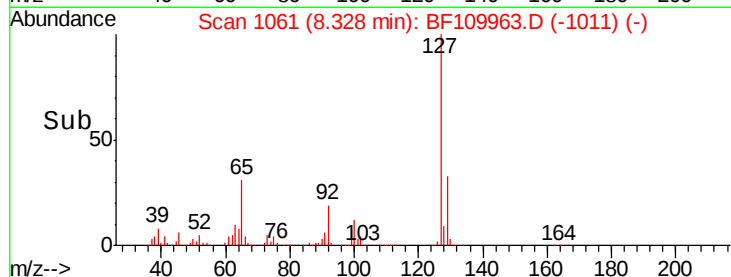
#33
4-Chloroaniline
Concen: 39.316 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	681873
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	30.8	25.1	37.7
92	18.9	15.0	22.6

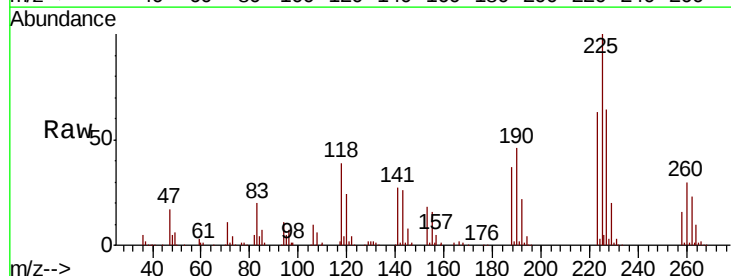


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

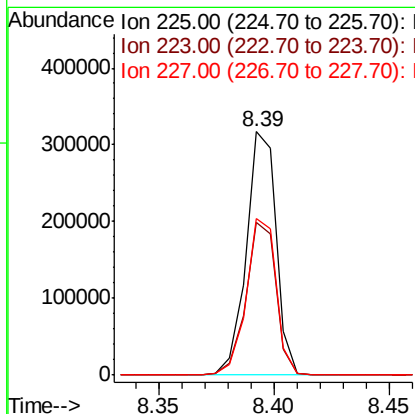
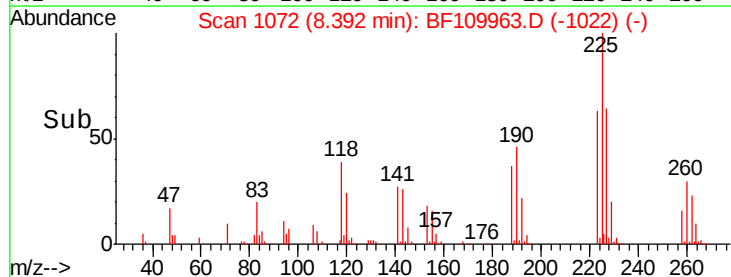


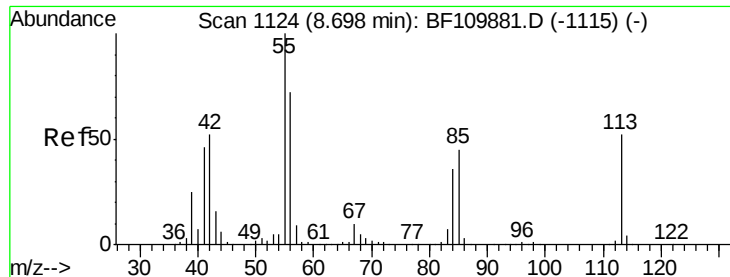
#34
Hexachlorobutadiene
Concen: 40.634 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:	225	Resp:	287699
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.5	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

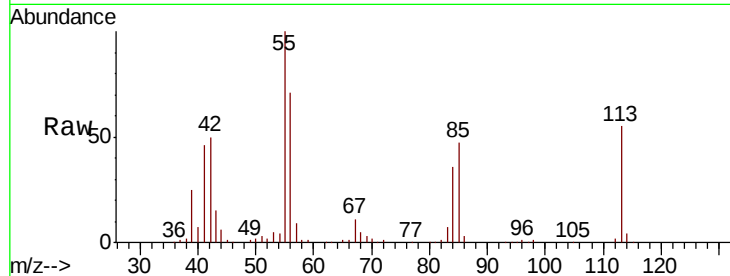




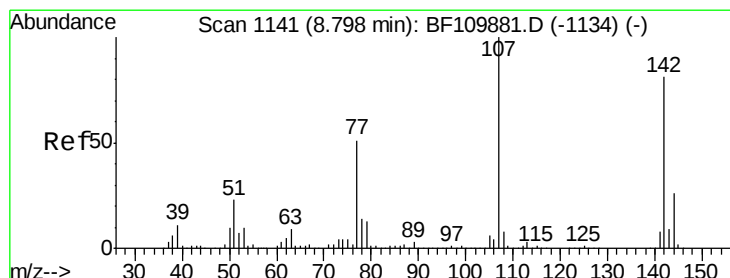
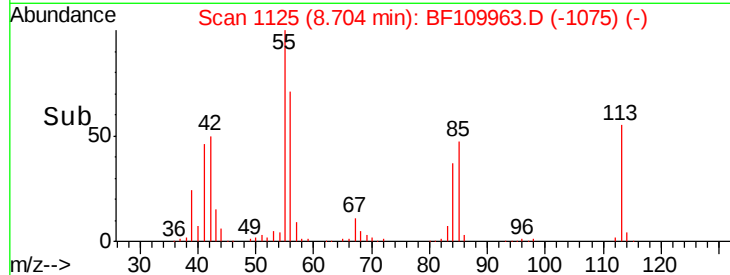
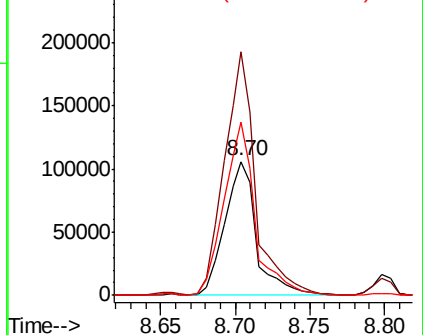
#35
 Caprolactam
 Concen: 38.782 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 157942
 Ion Ratio Lower Upper
 113 100
 55 181.5 142.8 182.8
 56 128.9 105.0 145.0

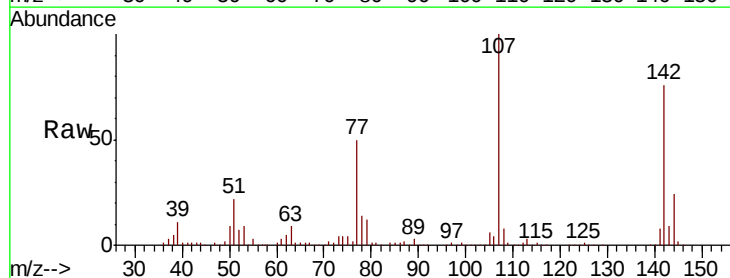


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

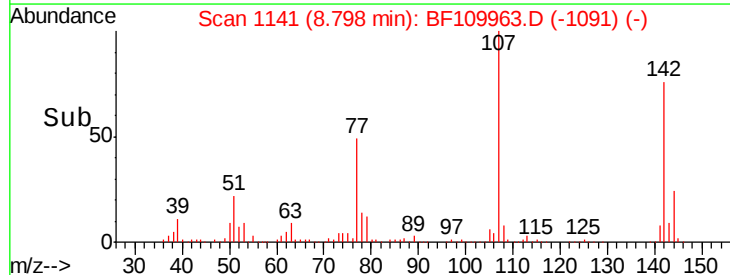
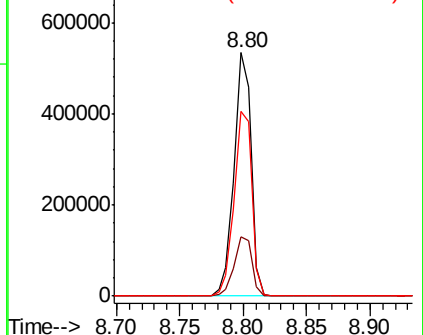


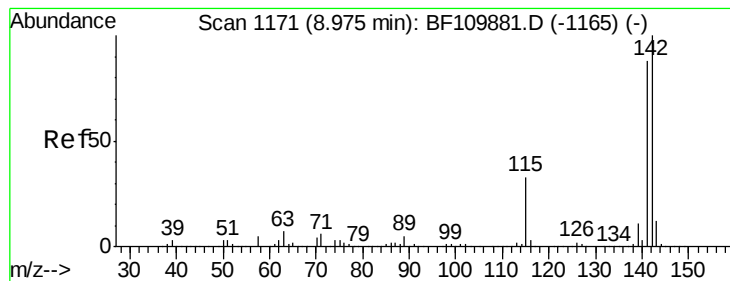
#36
 4-Chloro-3-methylphenol
 Concen: 40.573 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion:107 Resp: 490819
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 76.1 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

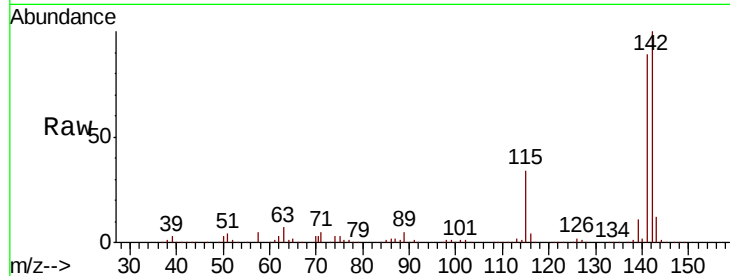




#37
2-Methylnaphthalene
Concen: 39.337 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	33.8	28.7	43.1

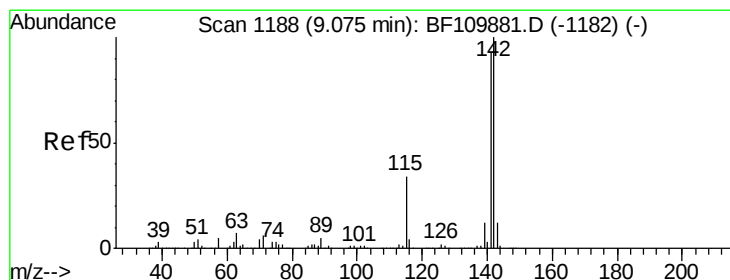
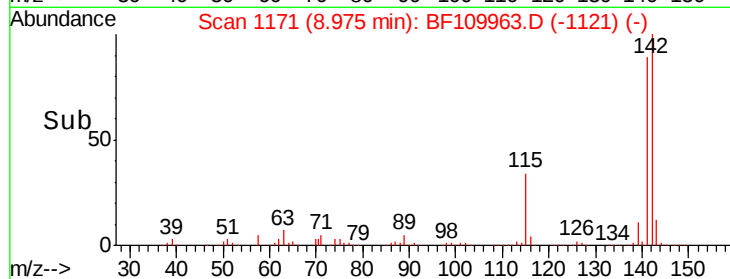
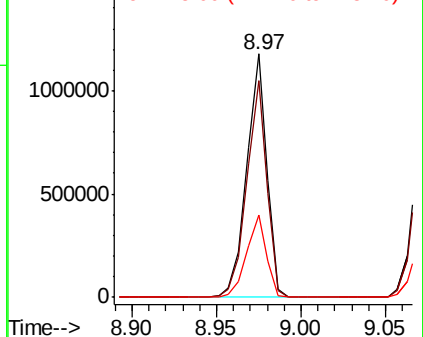


Abundance

Ion 142.00 (141.70 to 142.70): E

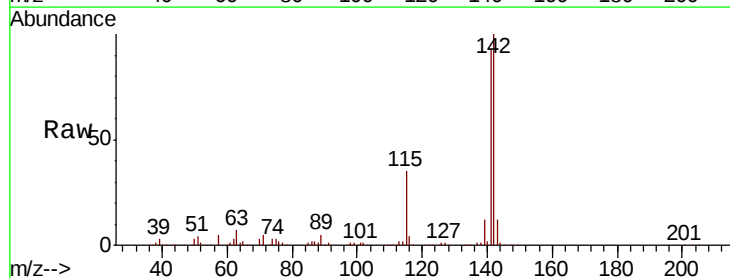
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.229 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.7	2.6	4.0

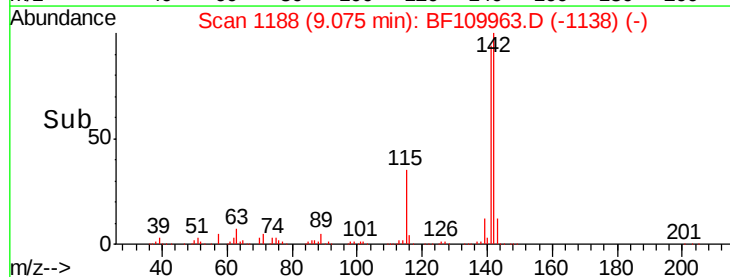
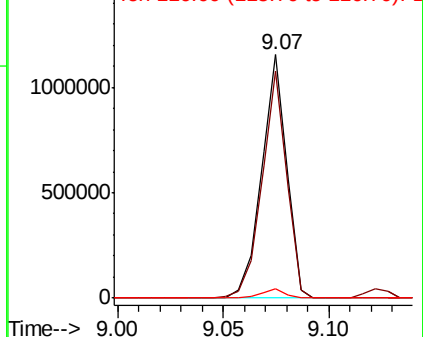


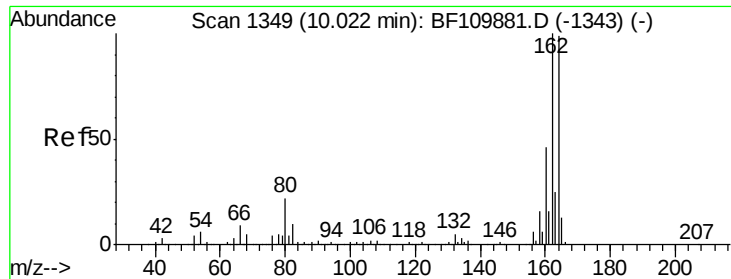
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

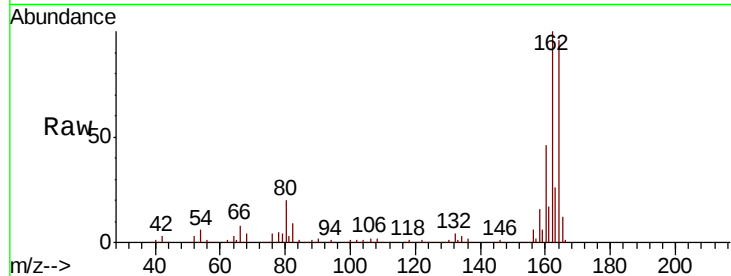




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	47.5	37.0	55.6

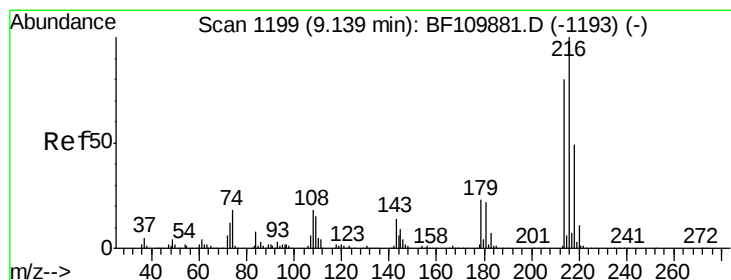
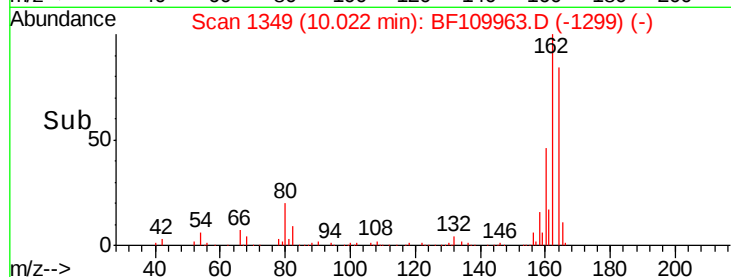
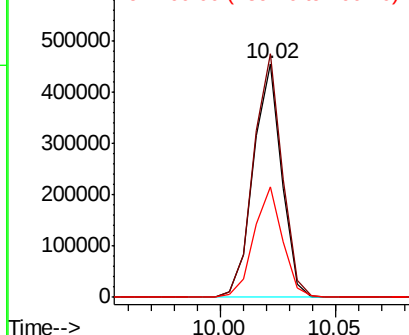


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.910 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	22.7	16.6	25.0
108	19.9	15.1	22.7

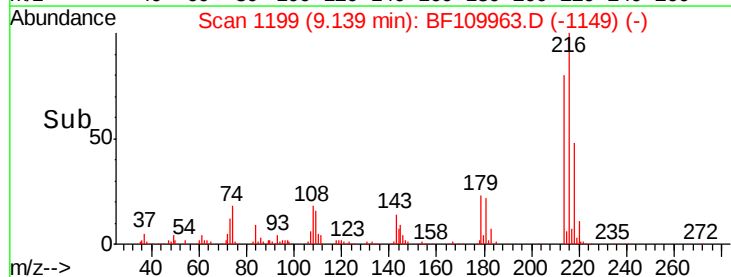
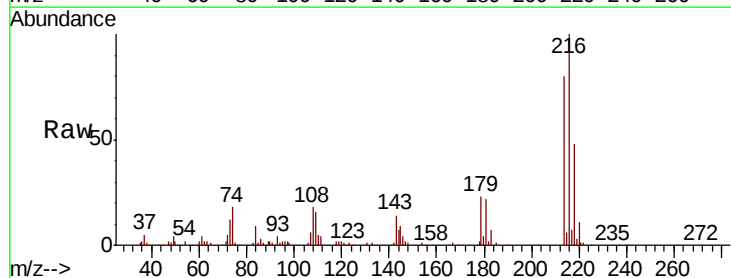
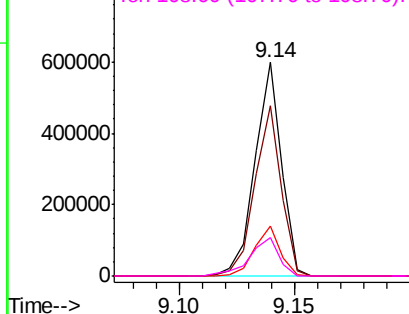
Abundance

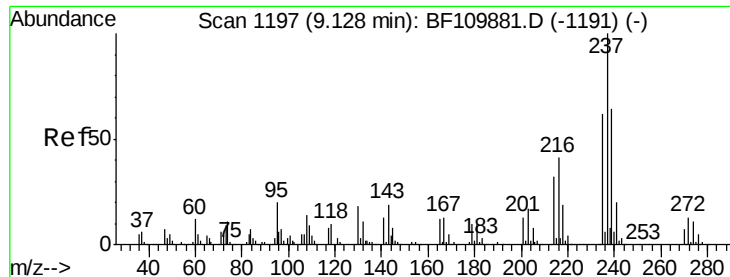
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.896 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

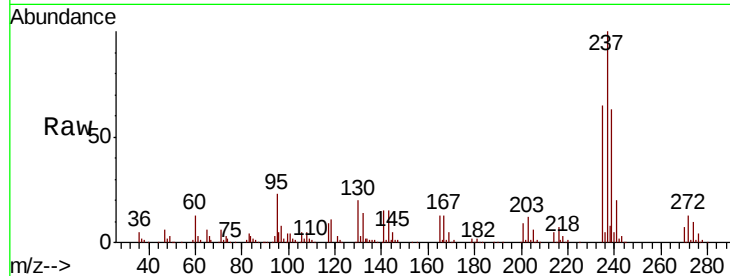
Tot Ion:237 Resp: 260124

Ion Ratio Lower Upper

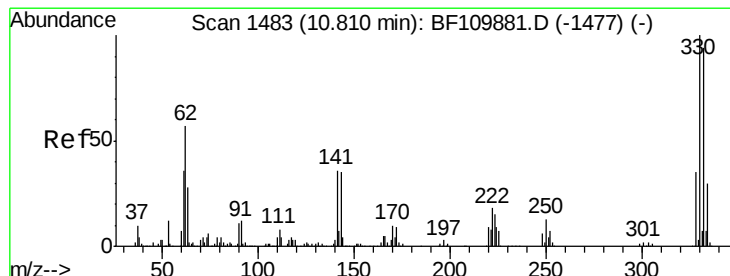
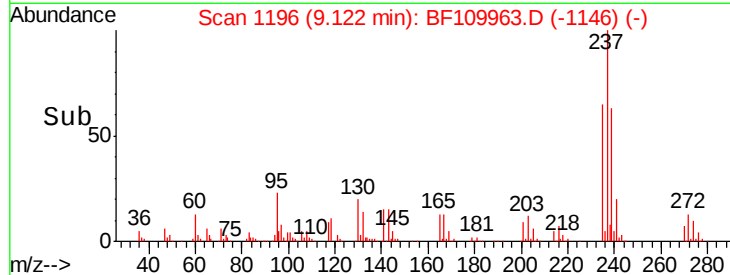
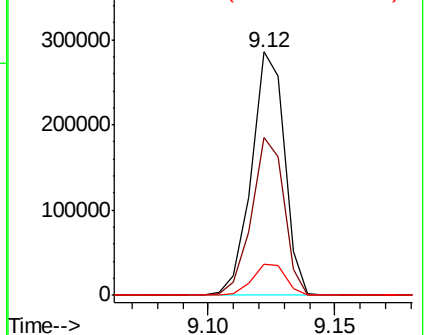
237 100

235 64.8 43.1 83.1

272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.596 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

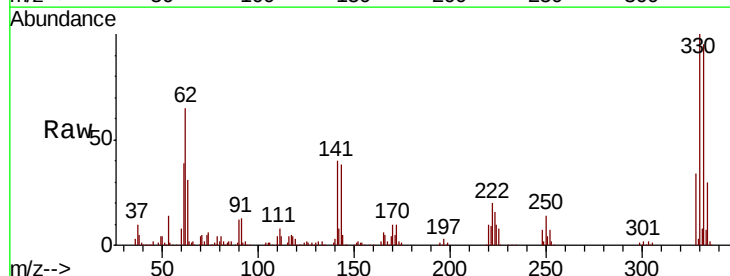
Tgt Ion:330 Resp: 305689

Ion Ratio Lower Upper

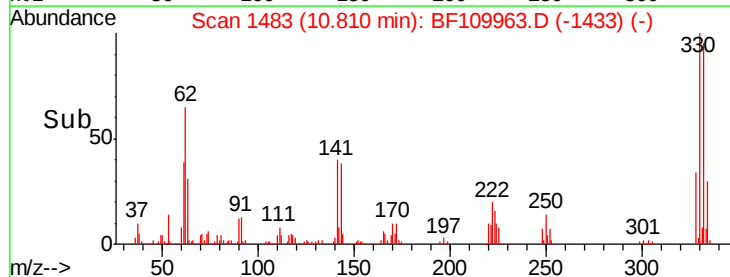
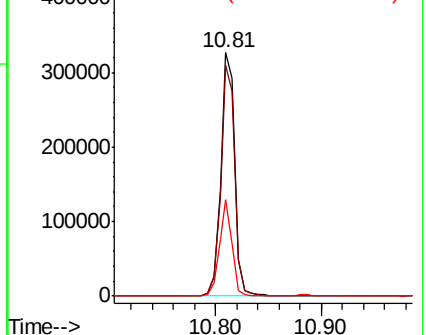
330 100

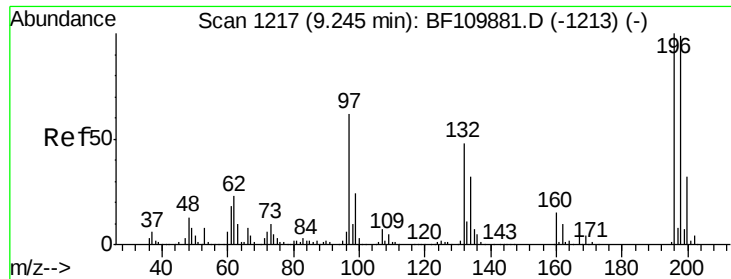
332 94.4 77.1 115.7

141 35.8 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

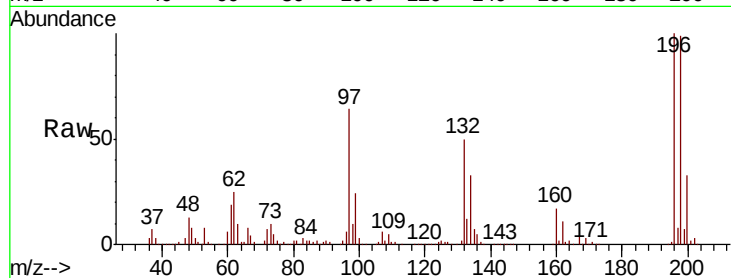




#43
 2,4,6-Trichlorophenol
 Concen: 42.530 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	319230
Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.2	114.4
200	32.6	24.4	36.6

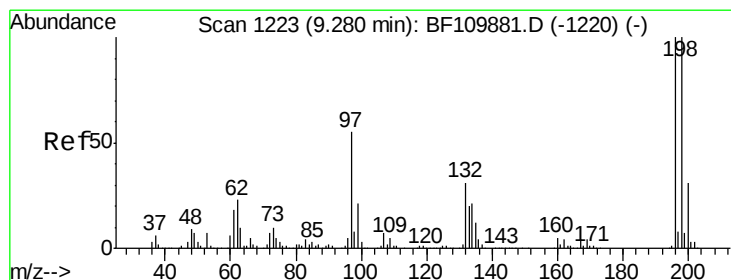
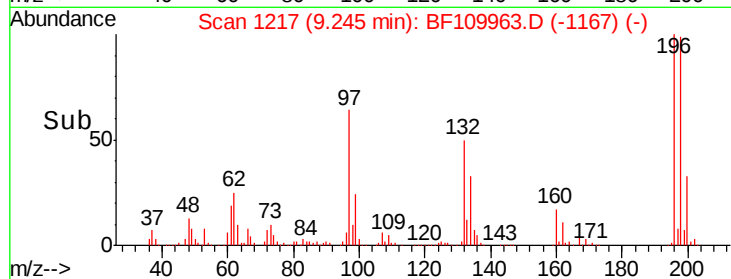
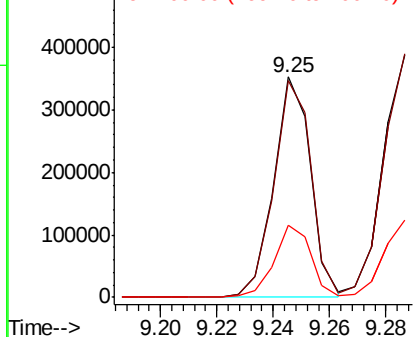


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.725 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	196	Resp	332846
Ion	Ratio	Lower	Upper
196	100		
198	100.4	75.8	113.6
97	50.1	42.4	63.6
132	30.0	22.8	34.2

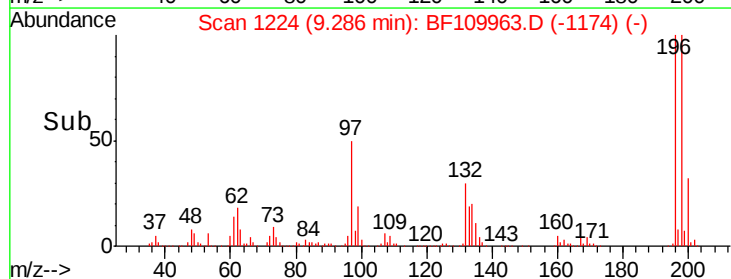
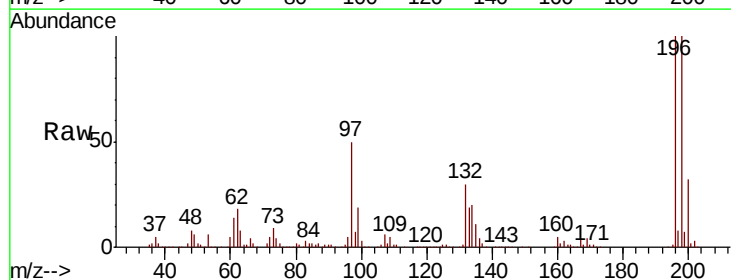
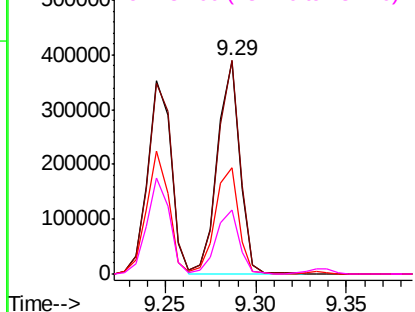
Abundance

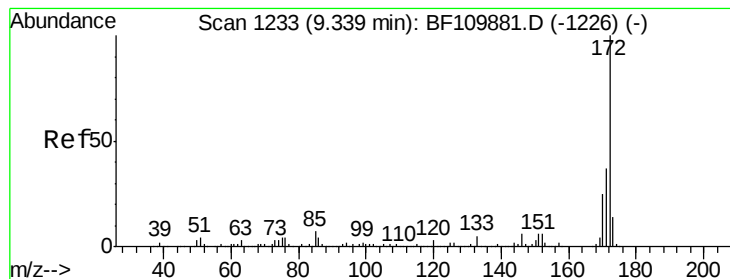
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.822 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

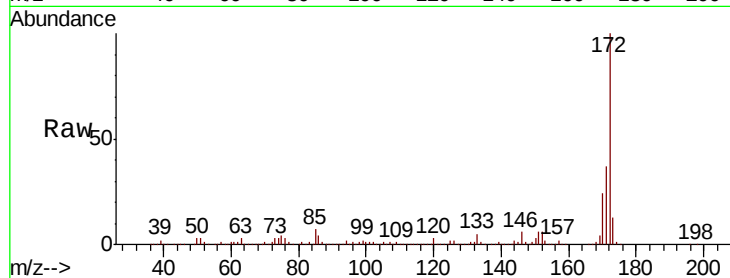
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1949602

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.4	19.7	29.5

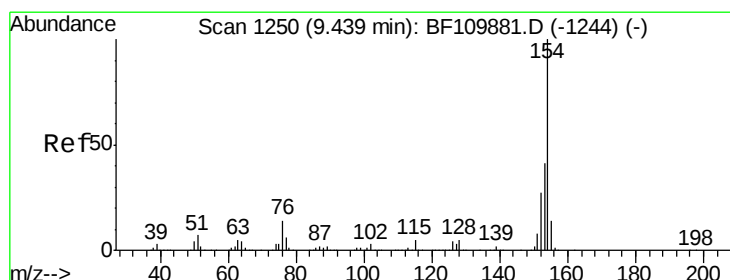
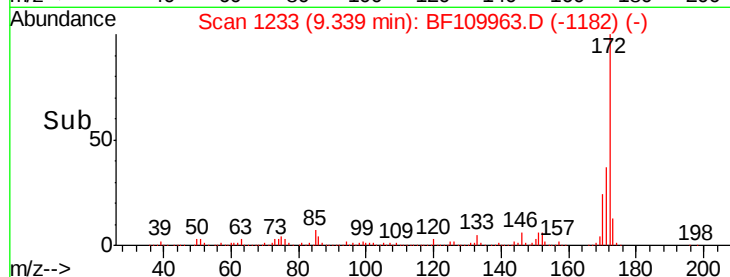
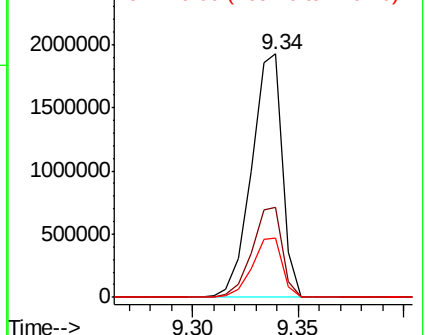


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.066 ng

RT: 9.44 min Scan# 1250

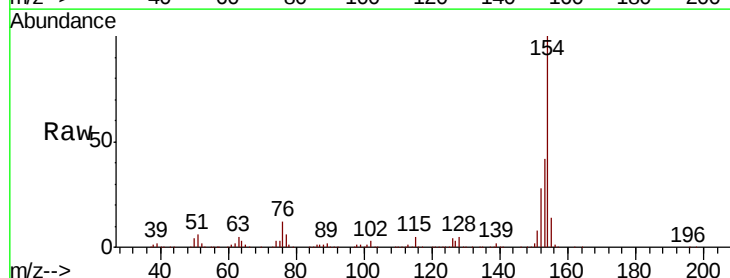
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:154 Resp: 1356499

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	12.3	0.0	31.9

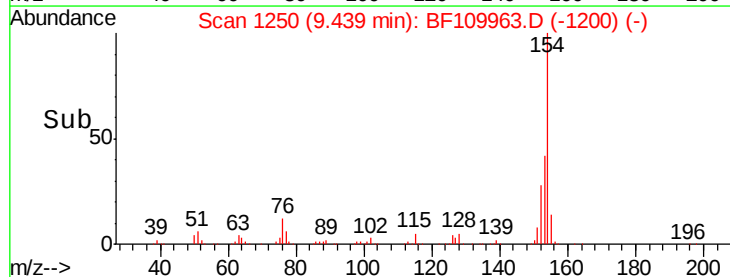
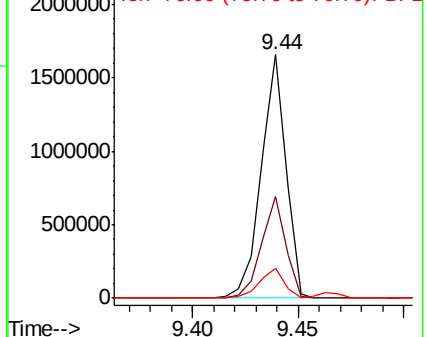


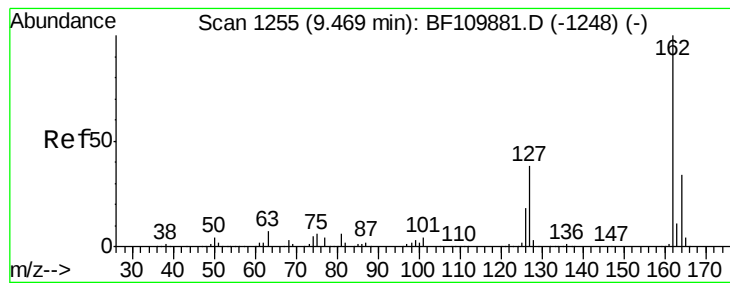
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.328 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

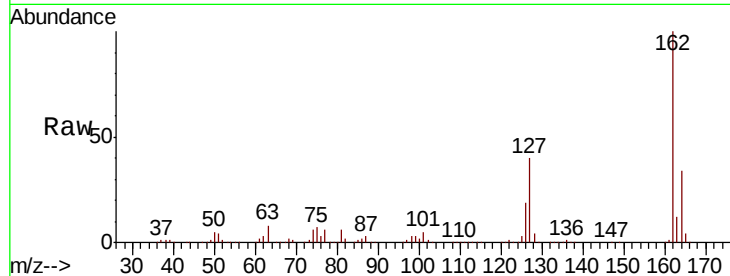
Tot Ion:162 Resp: 1005899

Ion Ratio Lower Upper

162 100

127 39.6 32.6 48.8

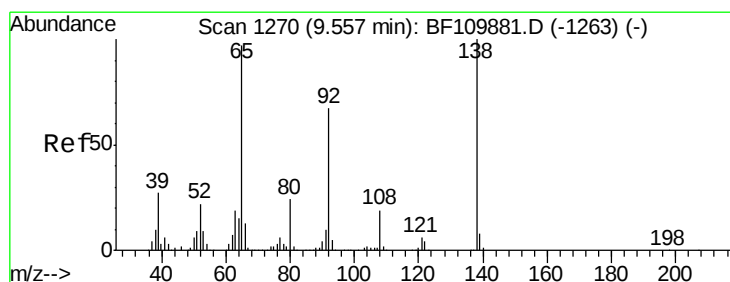
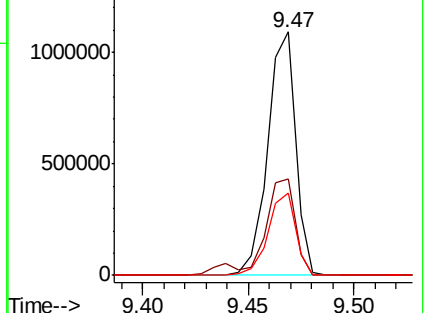
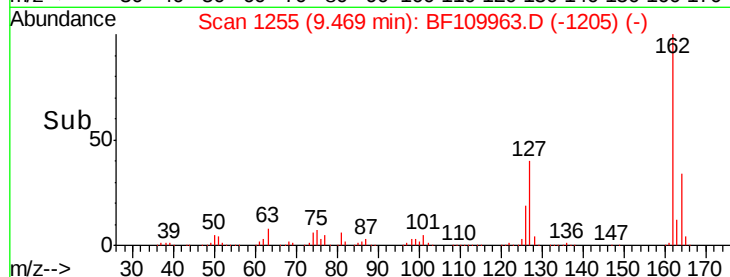
164 33.8 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.458 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

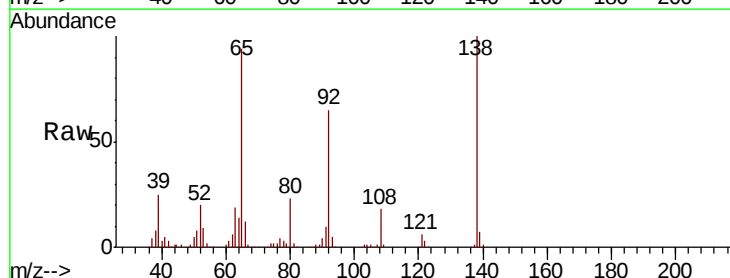
Tgt Ion: 65 Resp: 318072

Ion Ratio Lower Upper

65 100

92 68.9 54.6 81.8

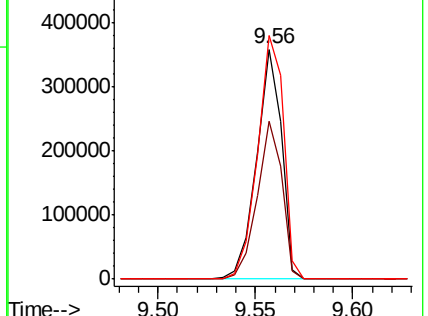
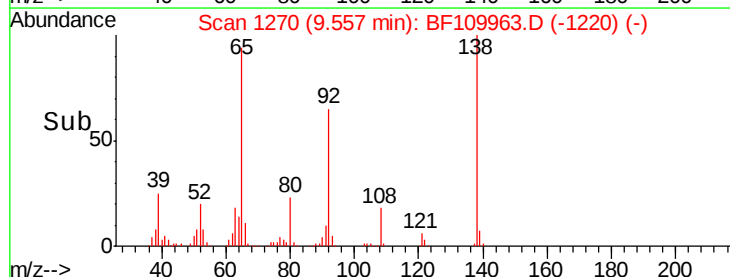
138 106.0 80.3 120.5

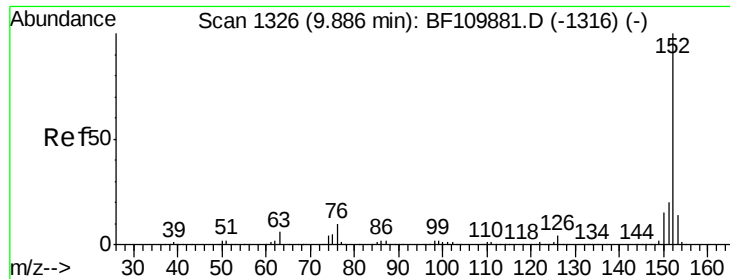


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.103 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

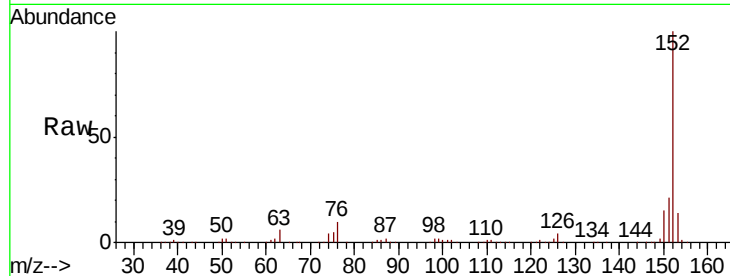
Tot Ion:152 Resp: 1452954

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

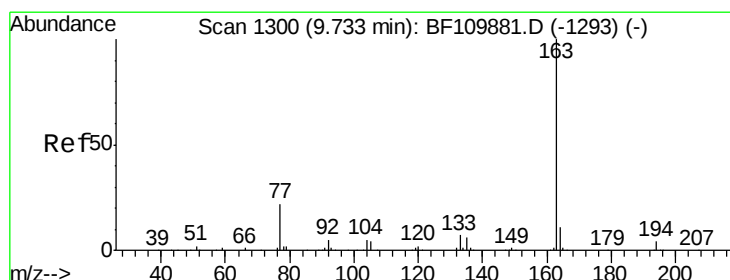
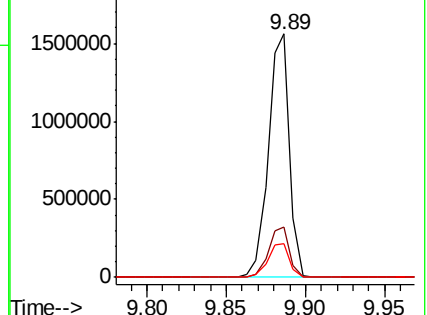
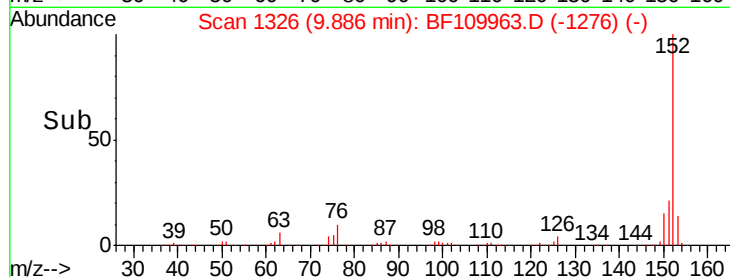
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.665 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

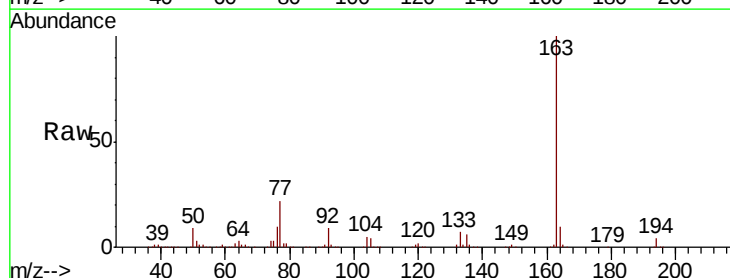
Tgt Ion:163 Resp: 1094616

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

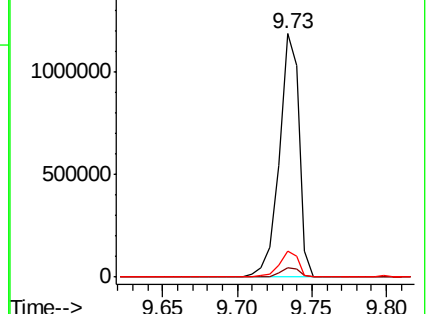
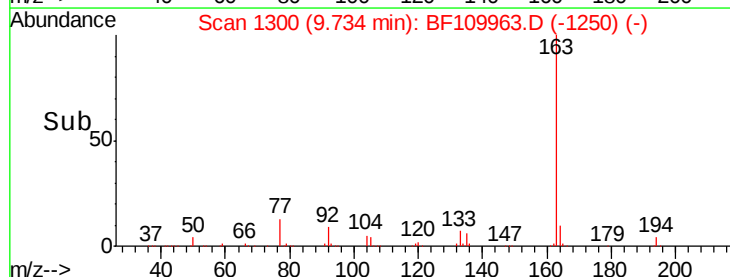
164 10.5 8.1 12.1

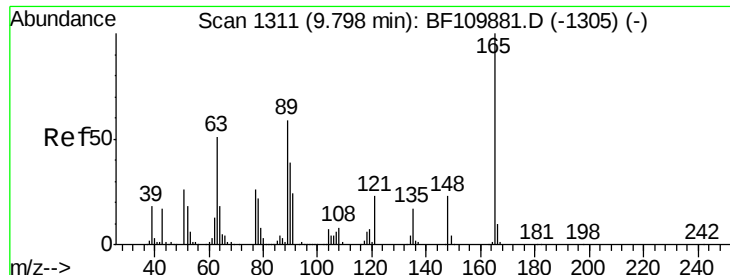


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

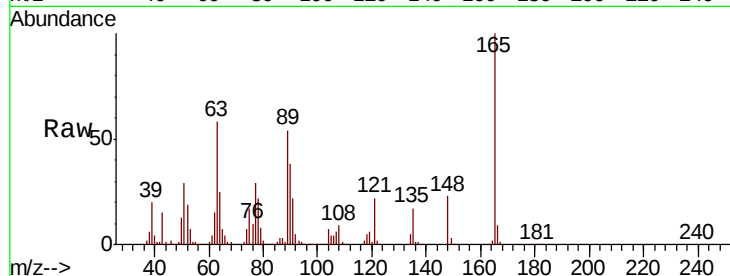




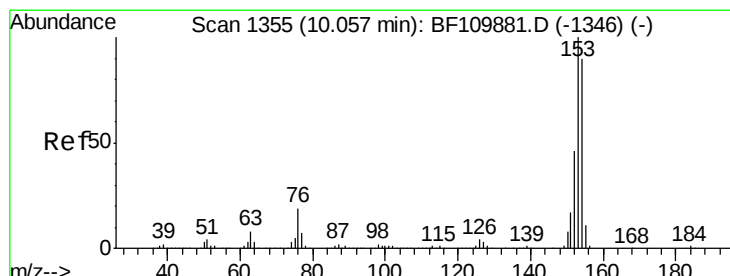
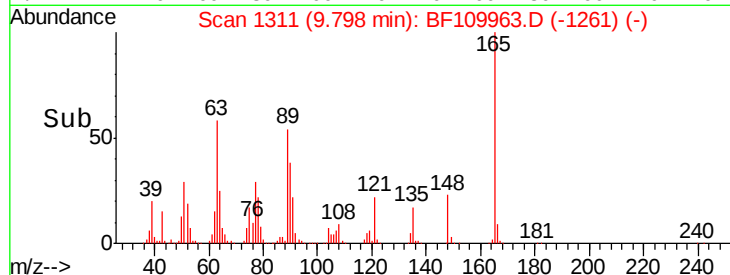
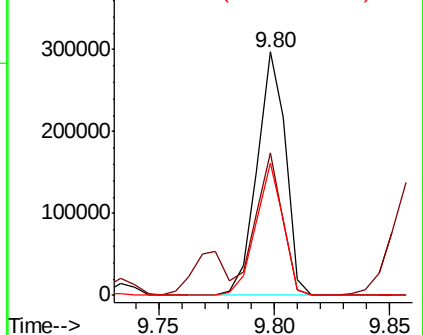
#51
2,6-Dinitrotoluene
Concen: 49.089 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	48.9	73.3
89	54.4	46.6	69.8

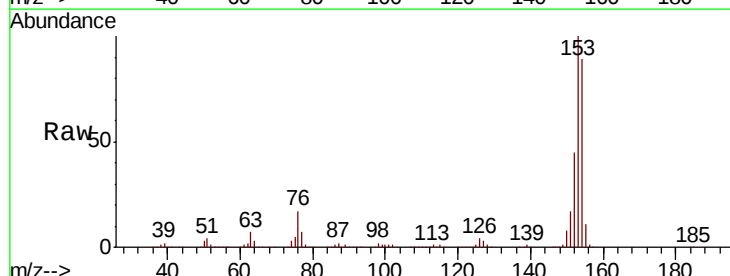


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

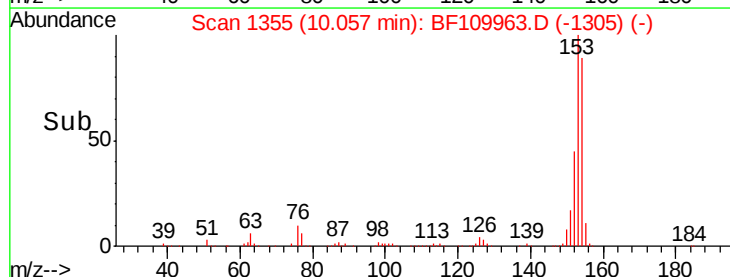
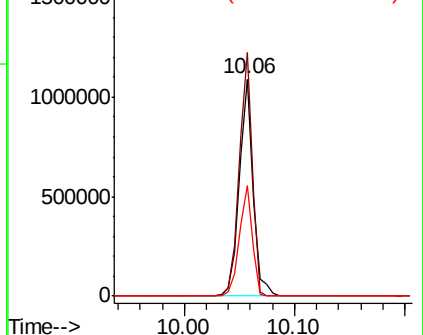


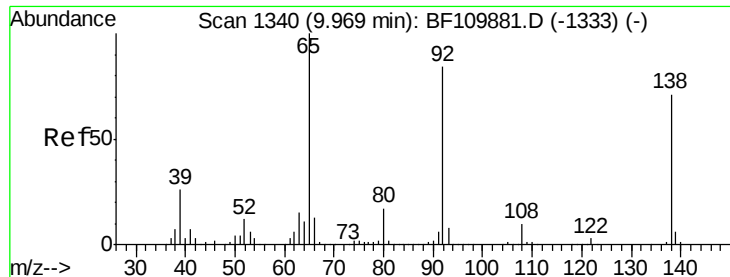
#52
Acenaphthene
Concen: 40.471 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	51.0	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

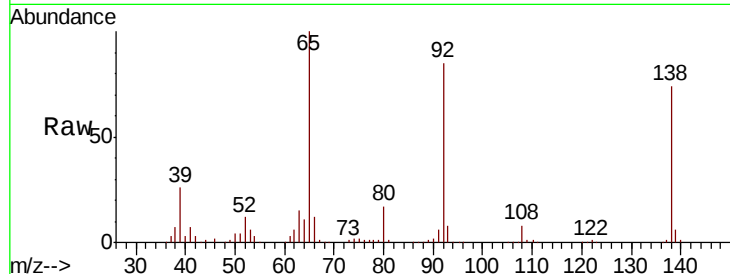




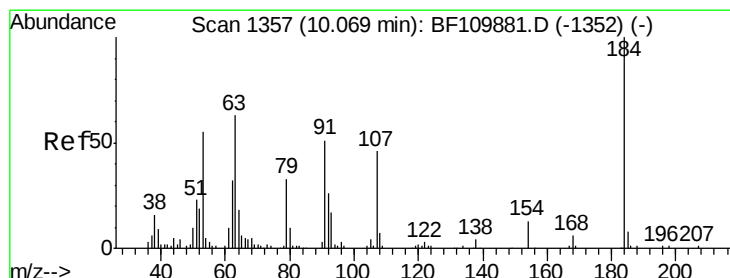
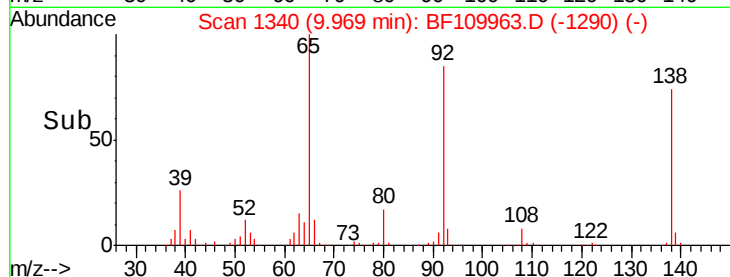
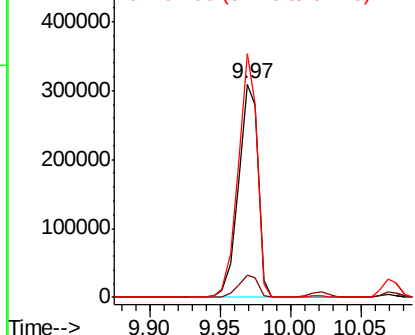
#53
3-Nitroaniline
Concen: 46.472 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 296307
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 114.1 97.0 145.4

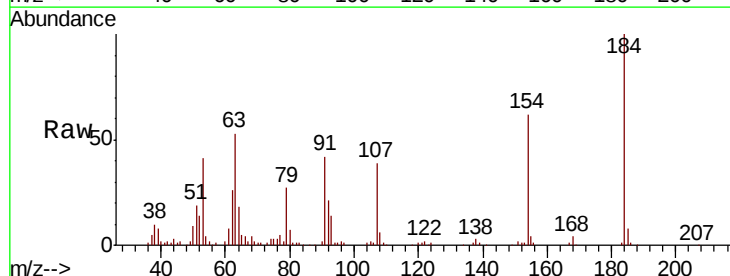


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

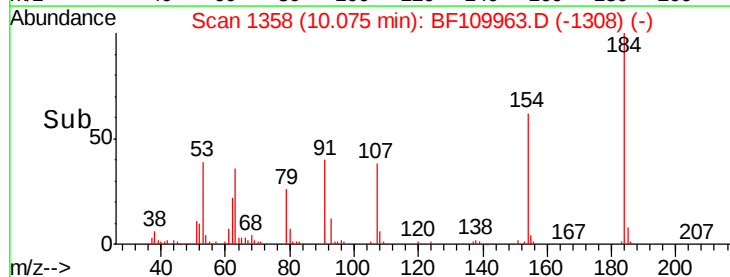
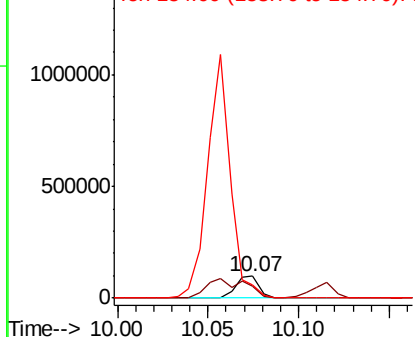


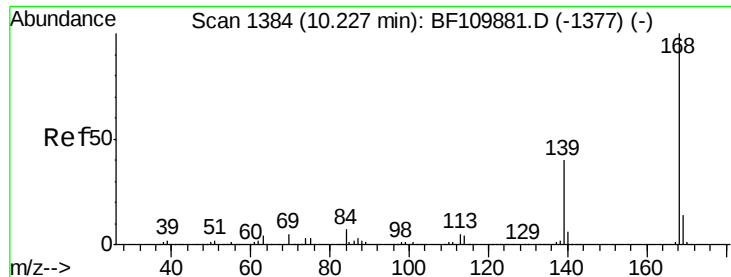
#54
2,4-Dinitrophenol
Concen: 55.369 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:184 Resp: 87299
Ion Ratio Lower Upper
184 100
63 53.1 55.8 83.6#
154 62.3 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

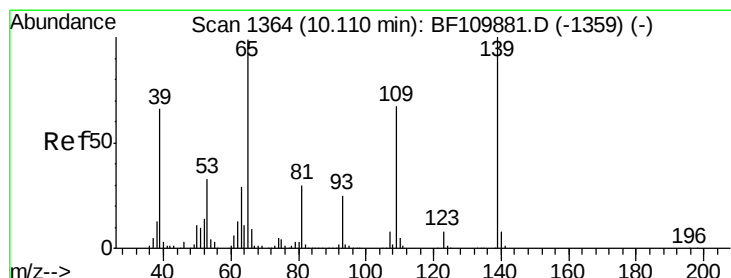
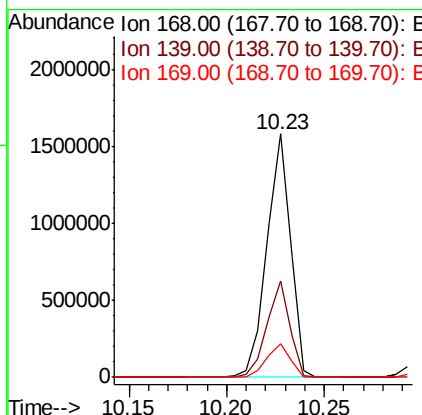
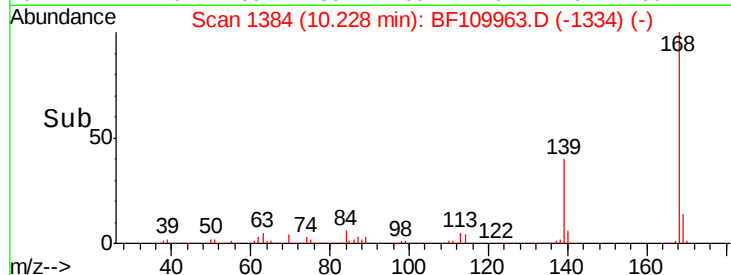
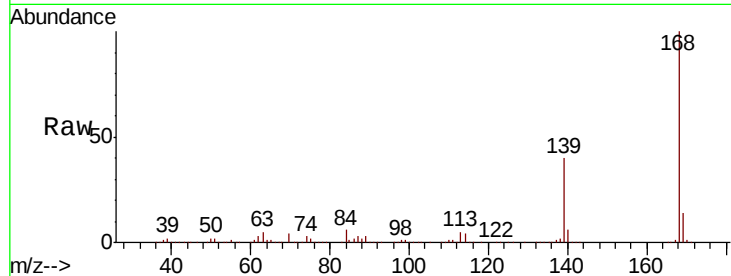




#55
Dibenzenofuran
Concen: 39.457 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

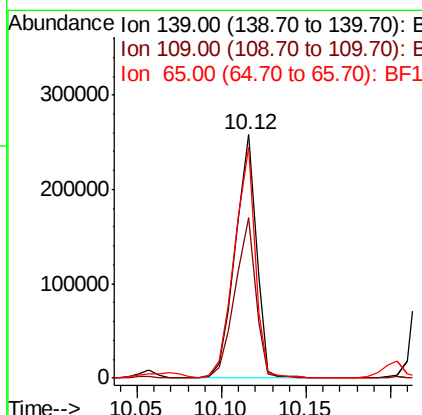
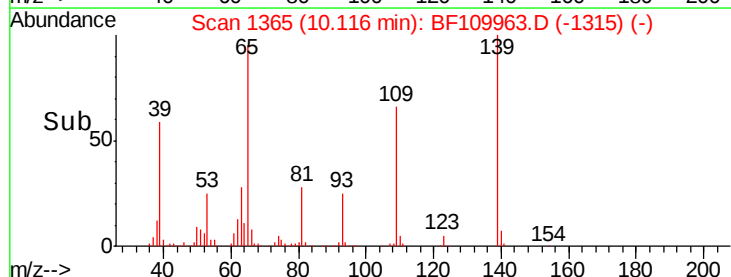
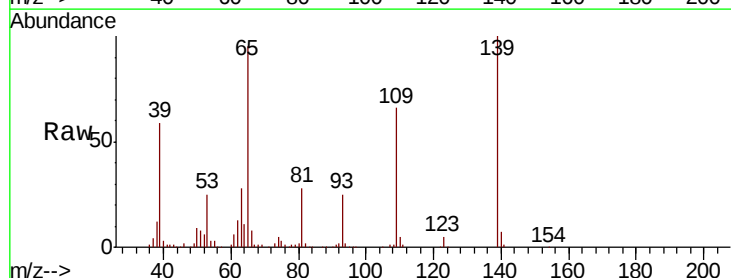
Instrument :
BNA_F
ClientSampleId :

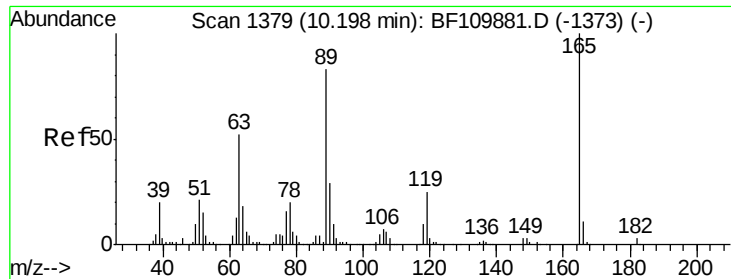
Tot Ion:168 Resp: 1331162
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 46.193 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:139 Resp: 224732
Ion Ratio Lower Upper
139 100
109 65.7 55.8 95.8
65 94.6 77.9 117.9

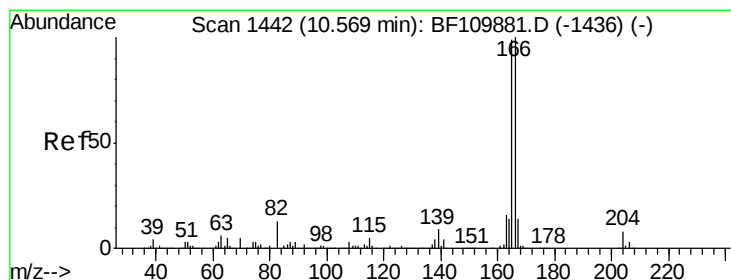
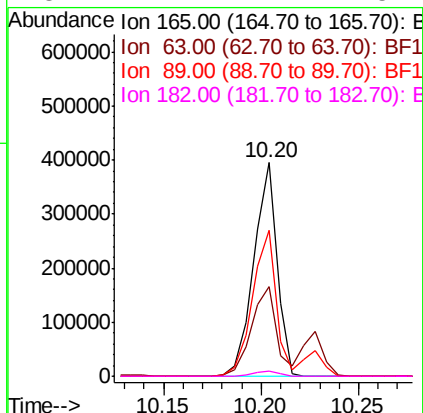
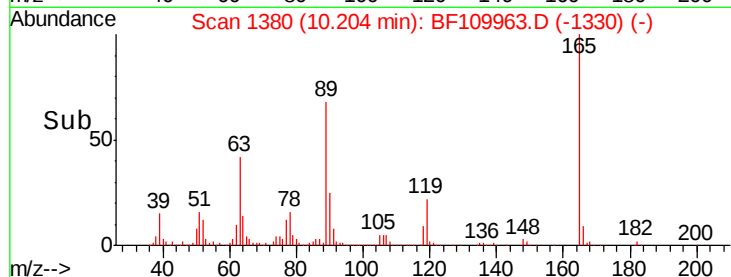
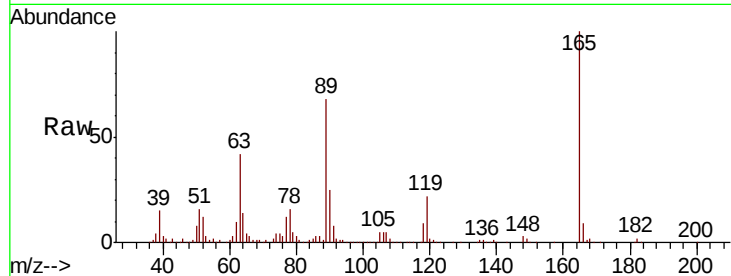




#57
2,4-Dinitrotoluene
Concen: 49.381 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

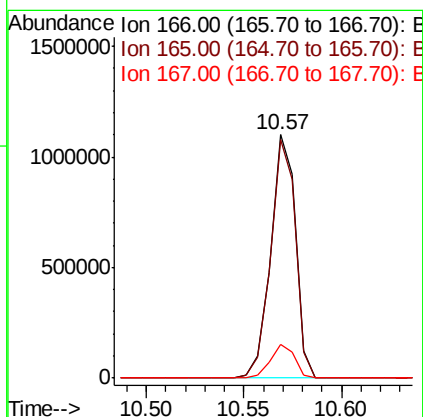
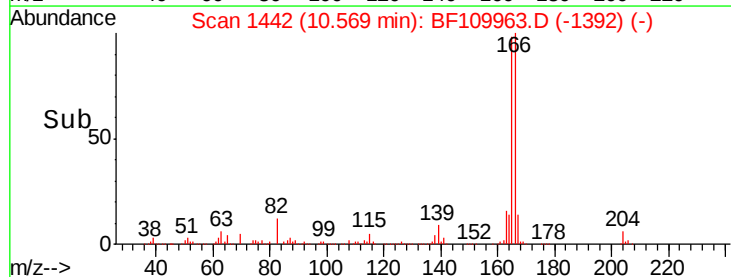
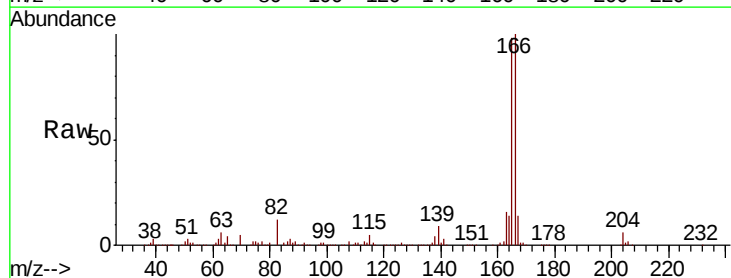
Instrument :
BNA_F
ClientSampleId :

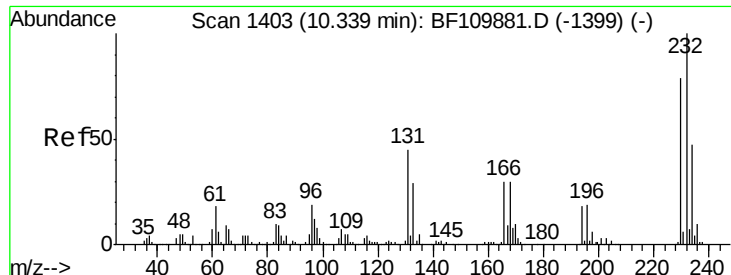
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	44.8	67.2#
89	68.2	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 39.472 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.6	10.8	16.2

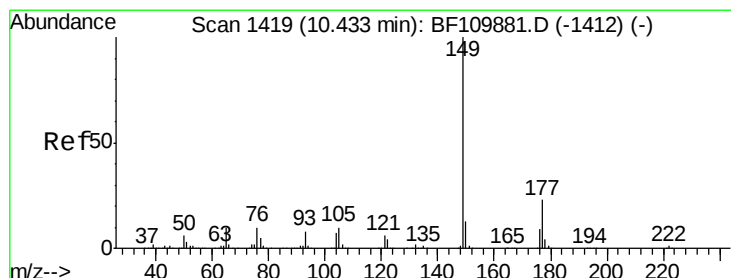
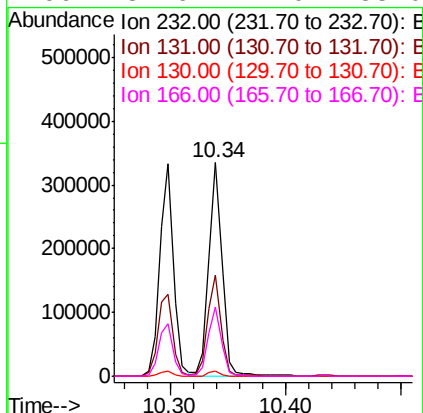
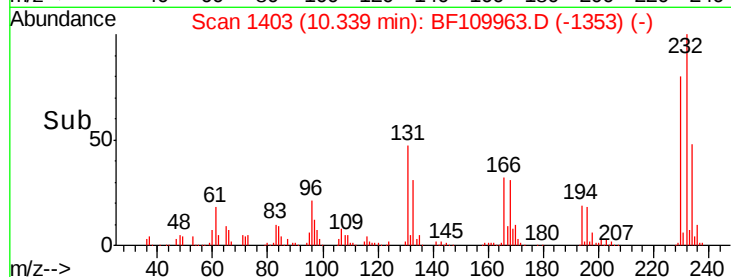
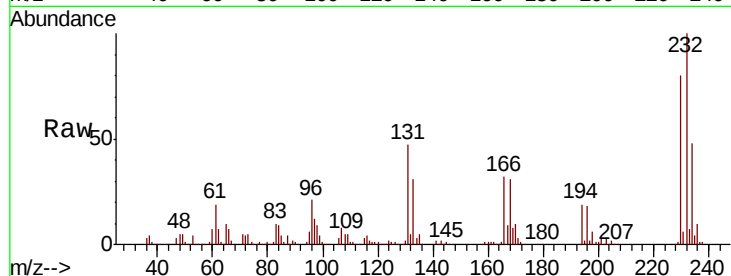




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.106 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

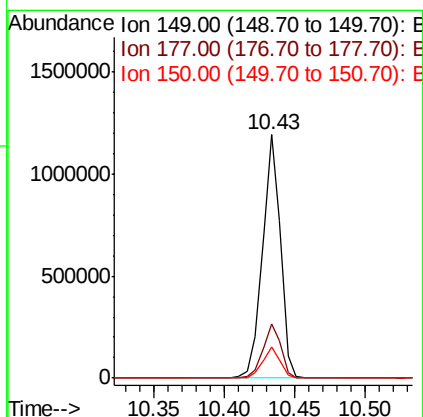
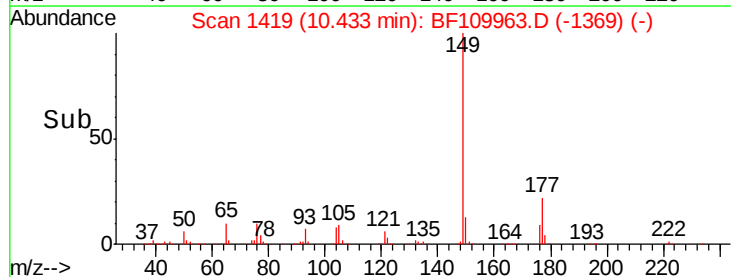
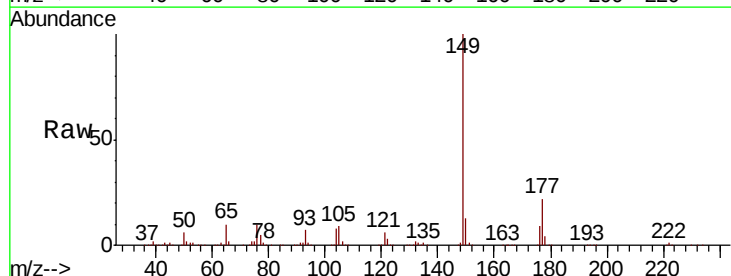
Instrument :
 BNA_F
 ClientSampled :

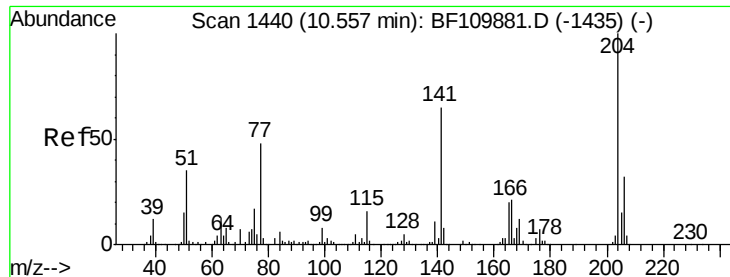
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.0	55.4
130	2.3	1.8	2.6
166	31.6	22.0	33.0



#60
 Diethylphthalate
 Concen: 39.374 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.7	9.8	14.8

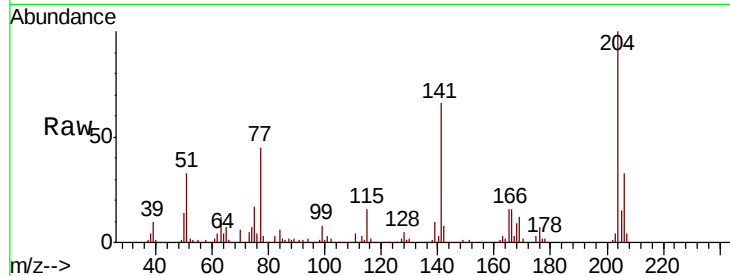




#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.6	51.8	77.8

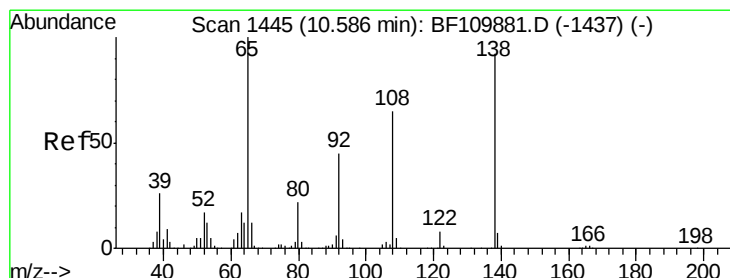
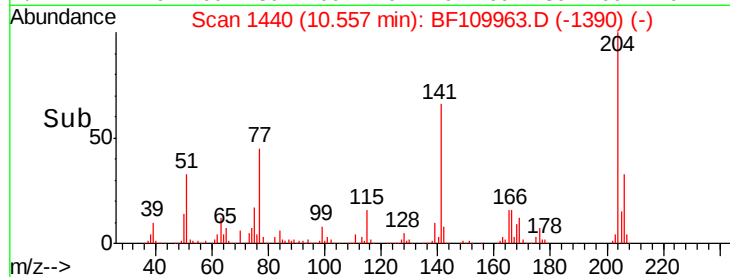
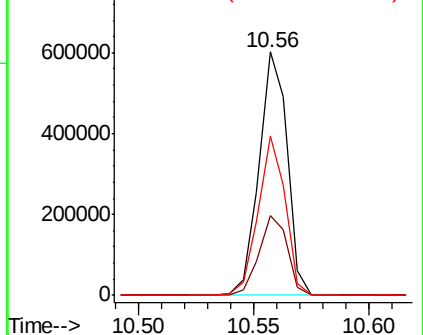


Abundance

Ion 204.00 (203.70 to 204.70): E

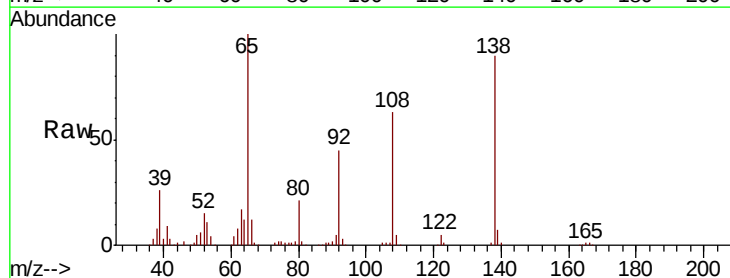
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.099 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.7	71.7
108	69.9	59.3	99.3

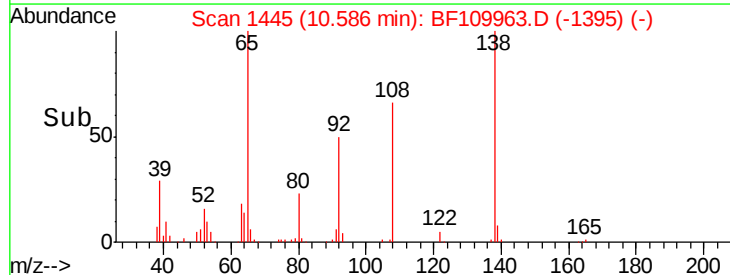
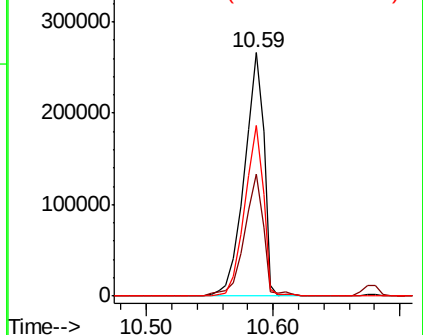


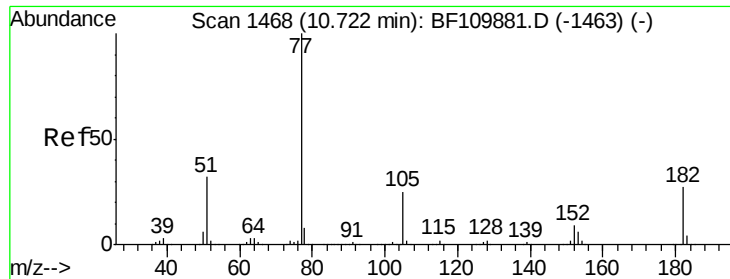
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

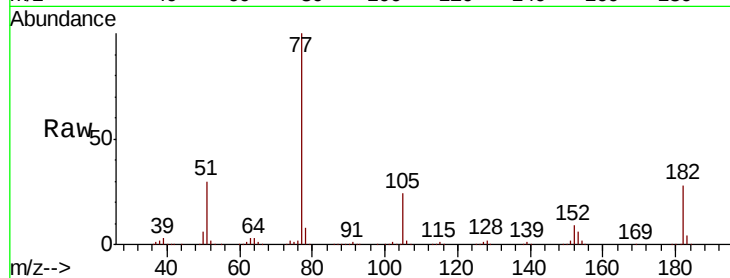




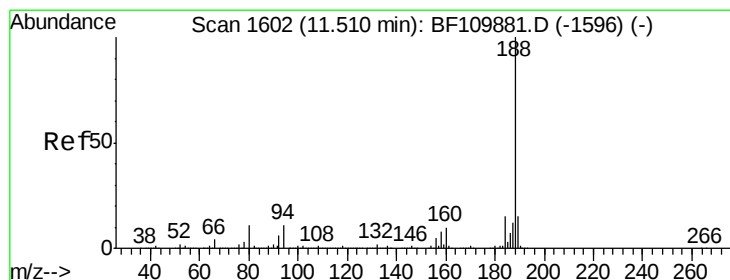
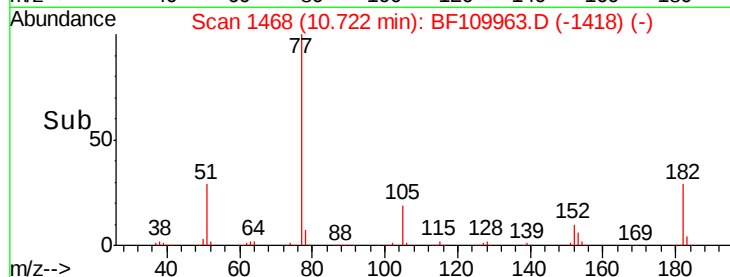
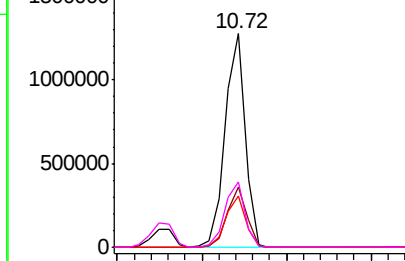
#63
Azobenzene
Concen: 37.060 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1055264
Ion Ratio Lower Upper
77 100
182 28.1 4.3 44.3
105 23.8 1.3 41.3
51 30.3 9.0 49.0

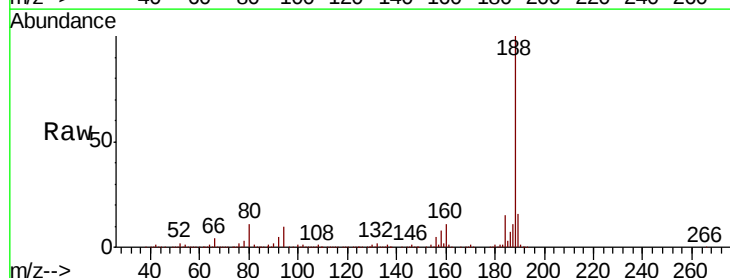


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 182.00 (181.70 to 182.70): E
1500000 Ion 105.00 (104.70 to 105.70): E
1000000 Ion 51.00 (50.70 to 51.70): BF1
500000
0

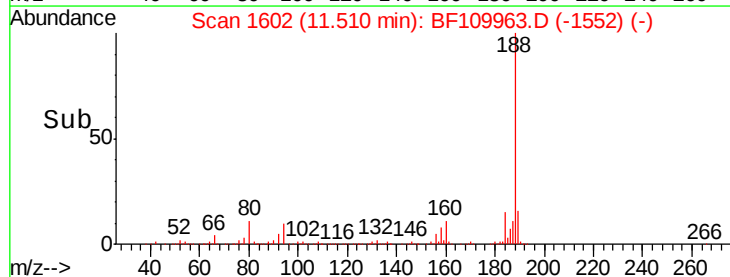
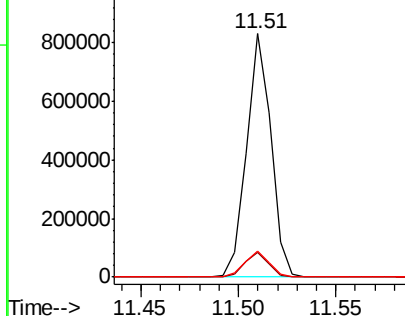


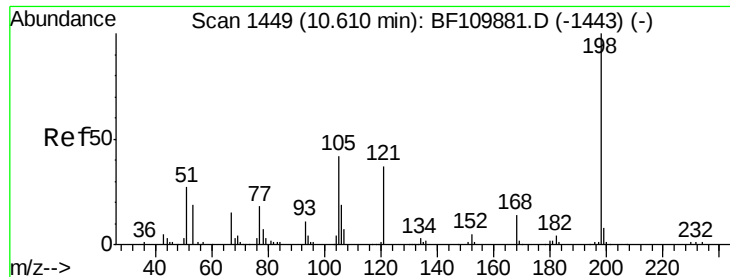
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion: 188 Resp: 717431
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 10.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
1000000 Ion 94.00 (93.70 to 94.70): BF1
800000 Ion 80.00 (79.70 to 80.70): BF1
600000
400000
200000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 52.430 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

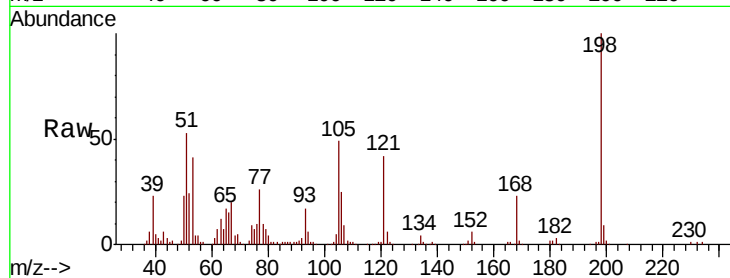
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 138539

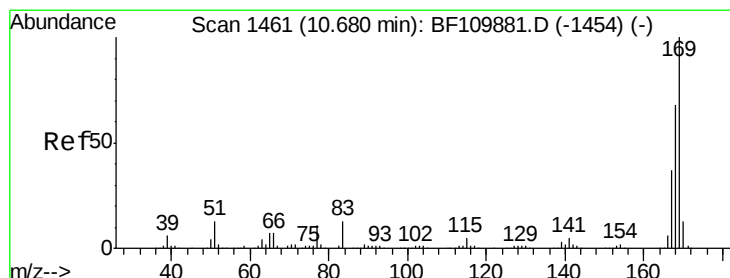
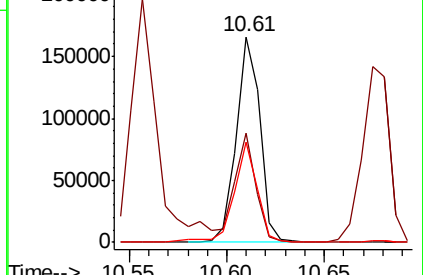
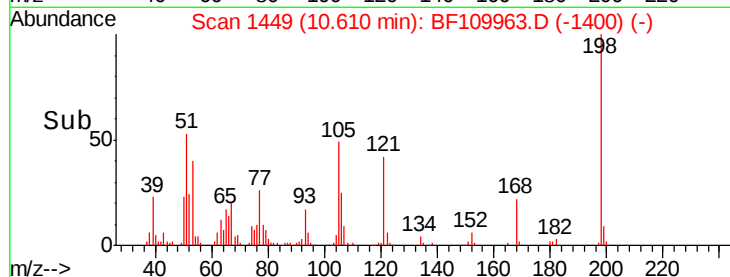
Ion	Ratio	Lower	Upper
198	100		
51	53.2	22.8	62.8
105	48.5	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.225 ng

RT: 10.68 min Scan# 1461

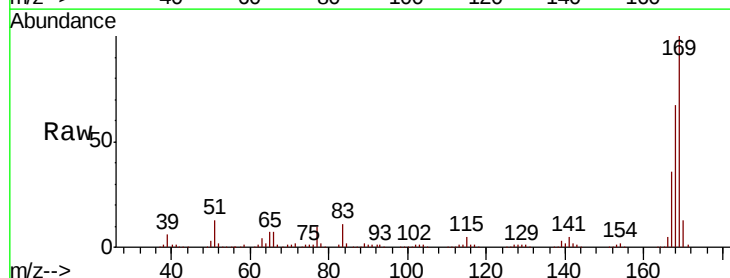
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:169 Resp: 937281

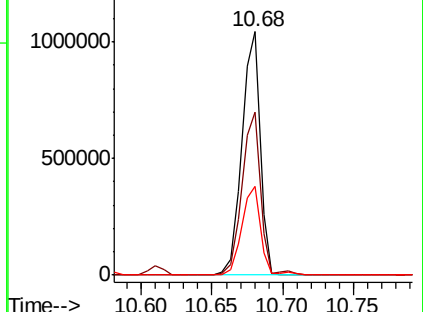
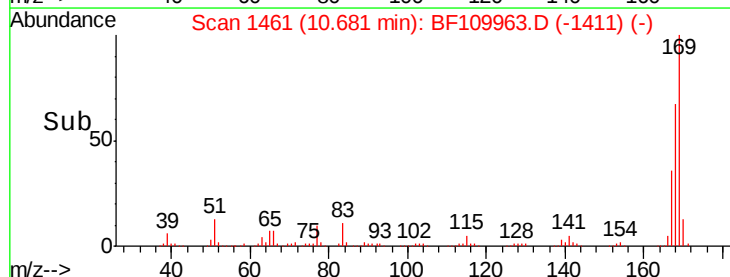
Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.2	76.8
167	36.2	27.8	41.6

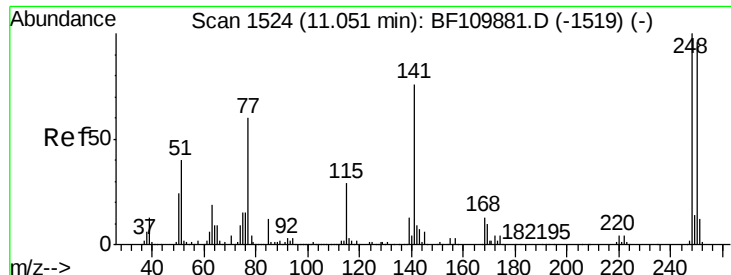


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

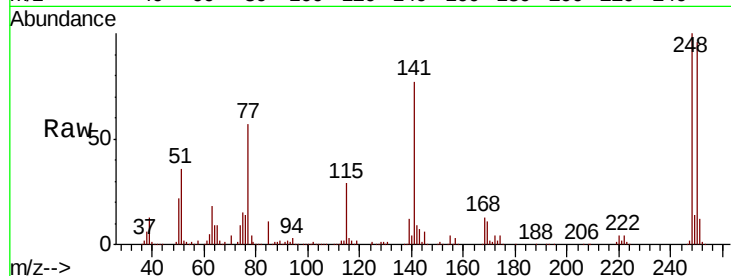




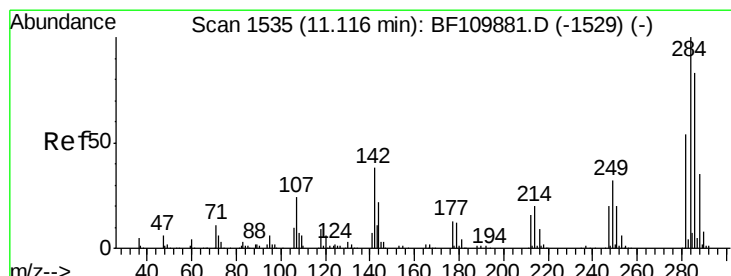
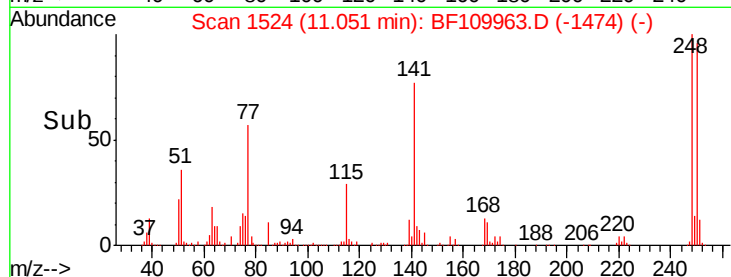
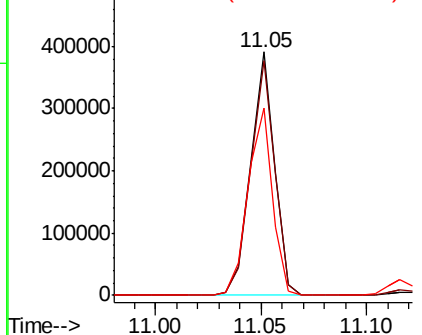
#67
4-Bromophenyl-phenylether
Concen: 39.773 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 309240
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.2
141 77.2 55.9 83.9

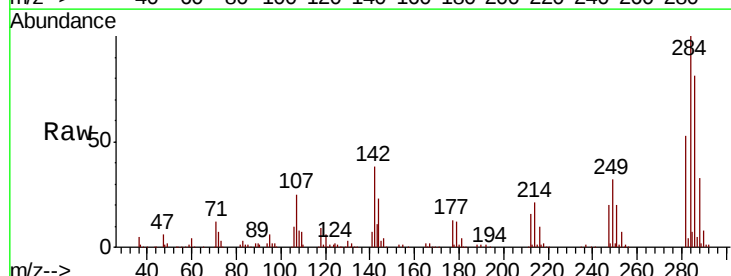


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

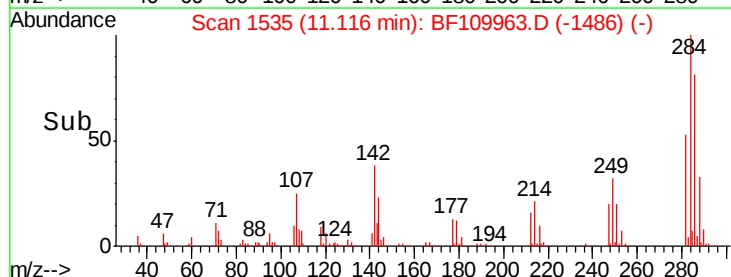
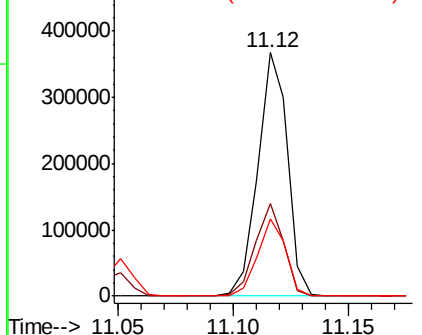


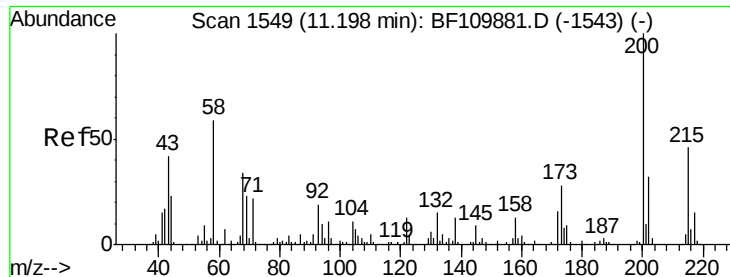
#68
Hexachlorobenzene
Concen: 39.489 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:284 Resp: 327406
Ion Ratio Lower Upper
284 100
142 38.3 23.9 35.9#
249 31.7 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

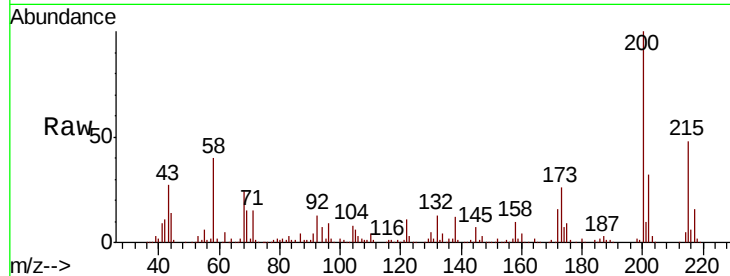




#69
 Atrazine
 Concen: 41.052 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	47.7	26.3	66.3

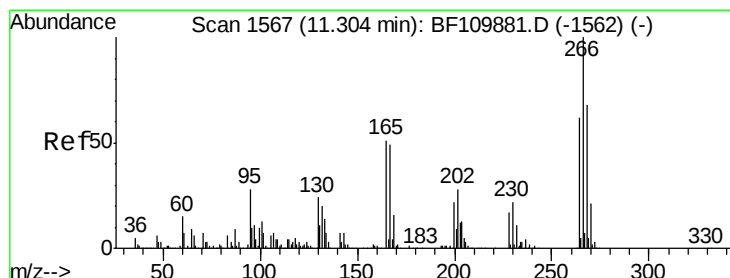
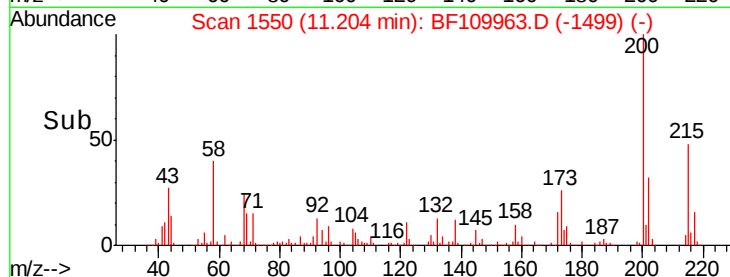
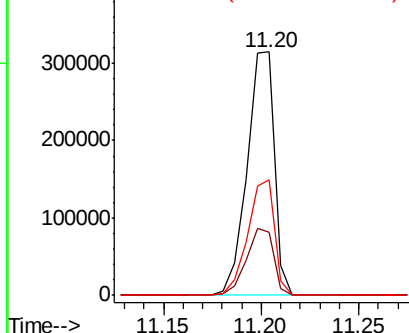


Abundance

Ion 200.00 (199.70 to 200.70): E

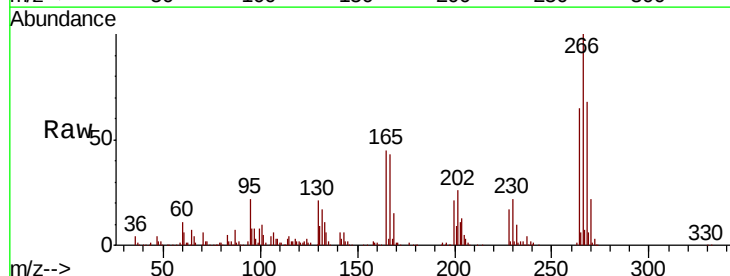
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 44.761 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	50.6	75.8
264	64.8	50.6	75.8

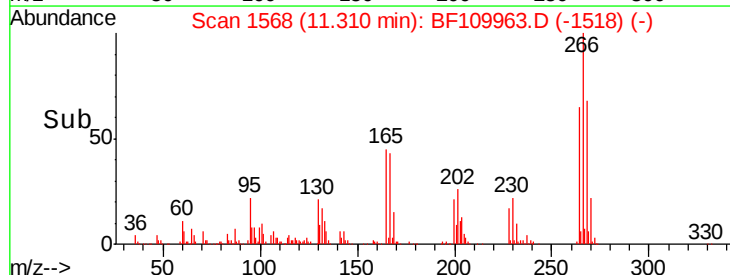
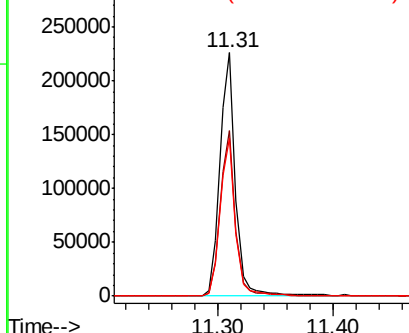


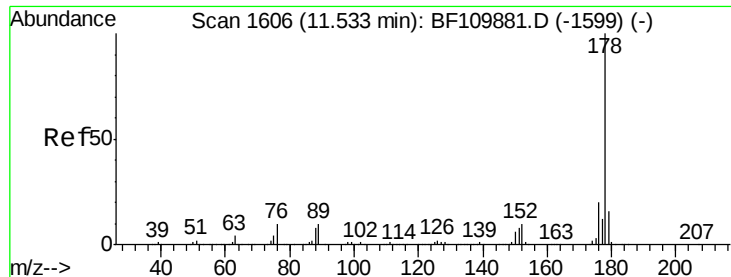
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.434 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

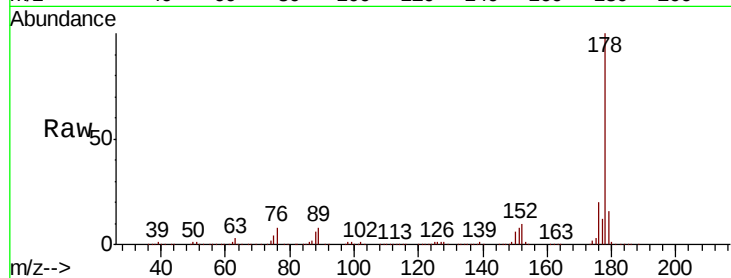
Tot Ion:178 Resp: 1427502

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.6	12.5	18.7

178 100

176 19.8 15.5 23.3

179 15.6 12.5 18.7

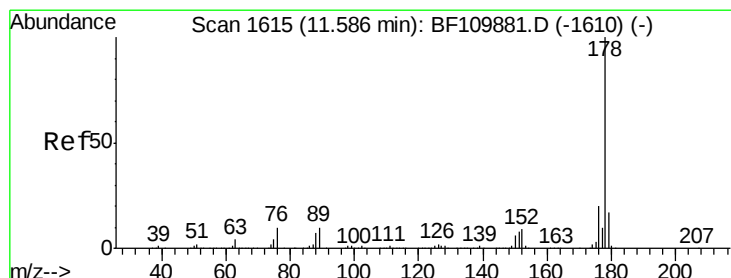
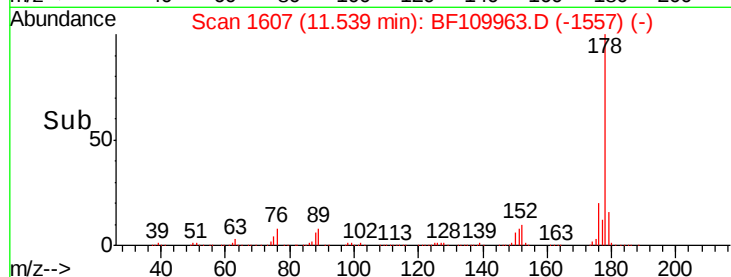
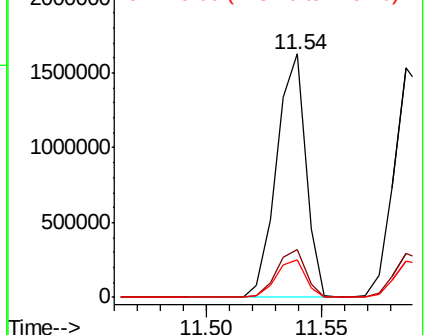


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.939 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

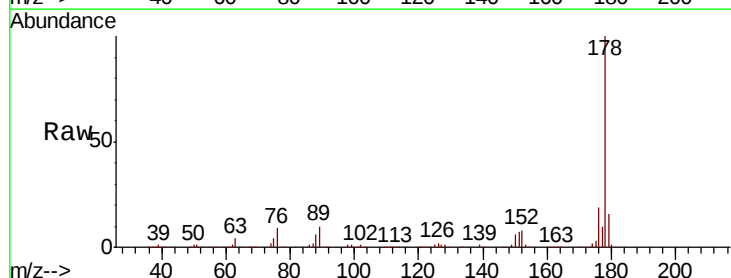
Tgt Ion:178 Resp: 1454014

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.0	12.6	18.8

178 100

176 19.0 15.4 23.2

179 16.0 12.6 18.8

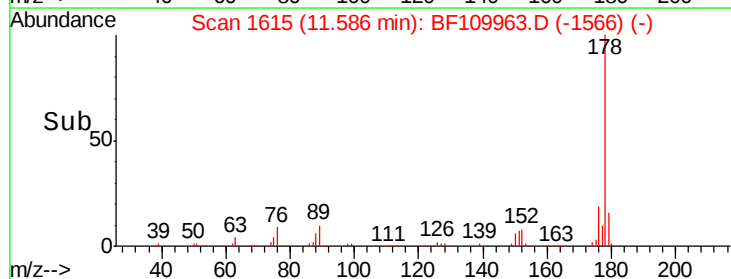
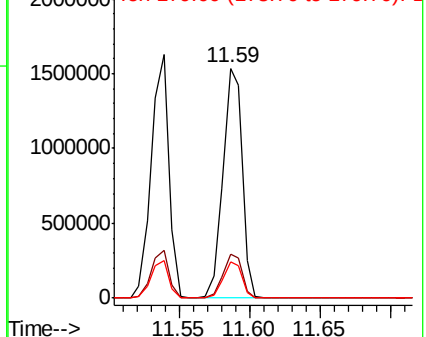


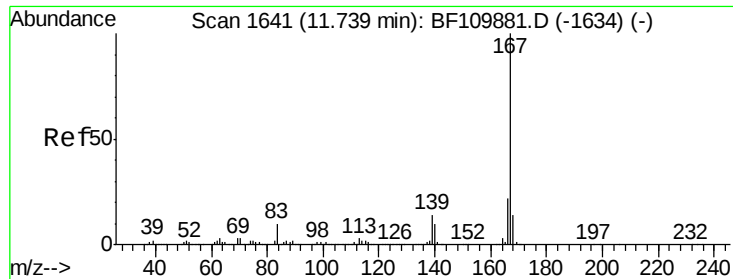
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

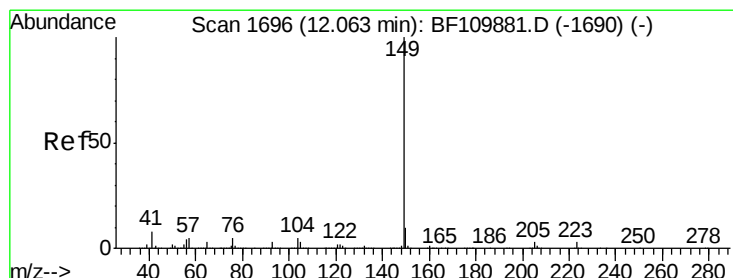
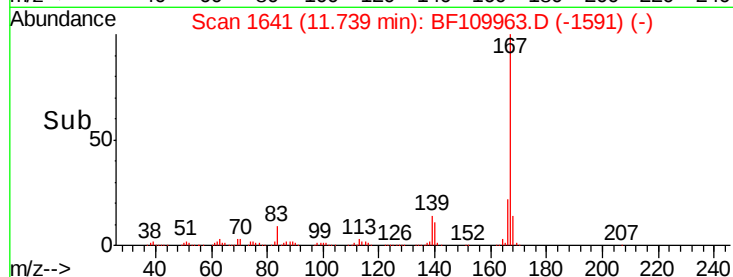
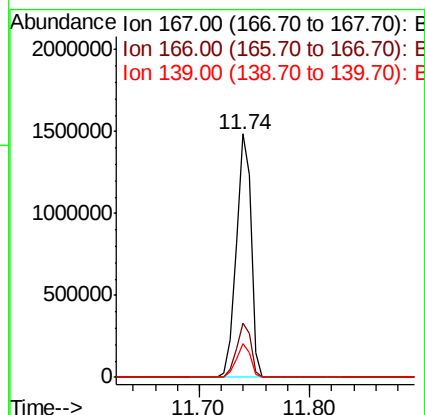
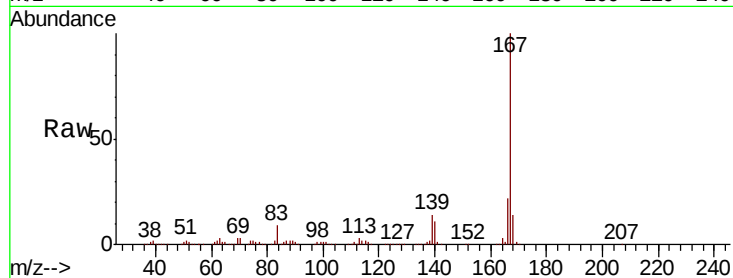




#73
 Carbazole
 Concen: 38.187 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

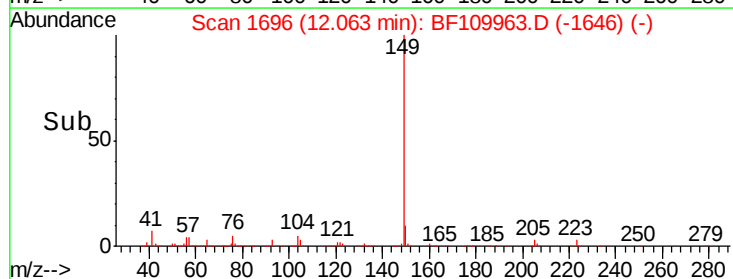
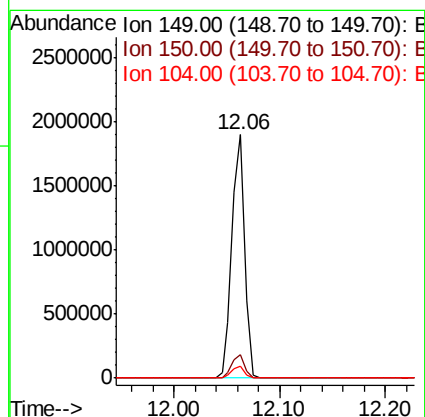
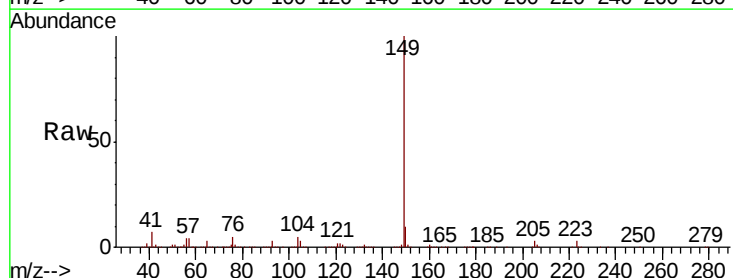
Instrument :
 BNA_F
 ClientSampleId :

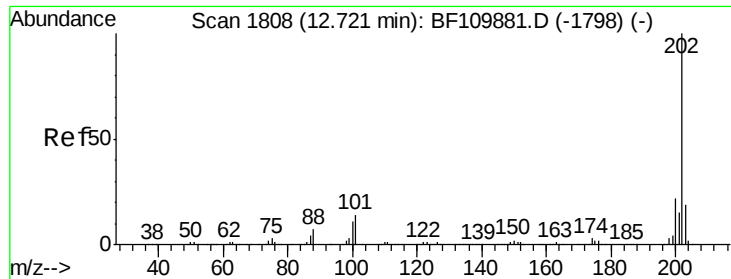
Tot Ion:167 Resp: 1401418
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.460 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion:149 Resp: 1575192
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 4.2 6.4

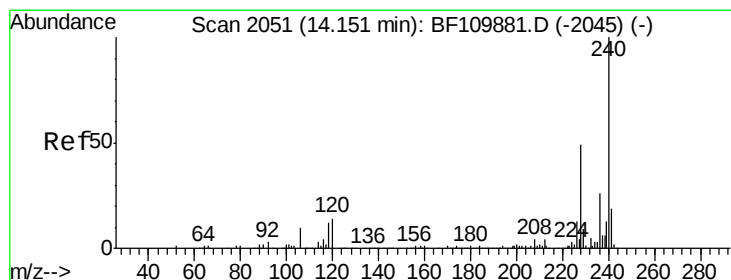
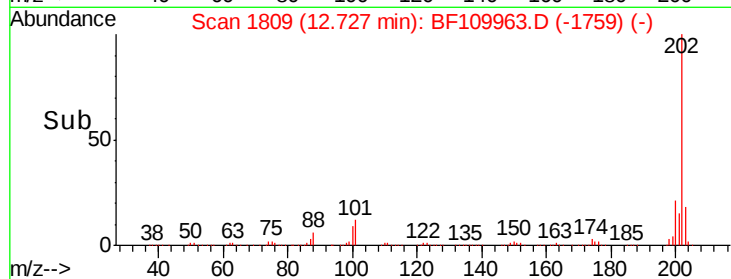
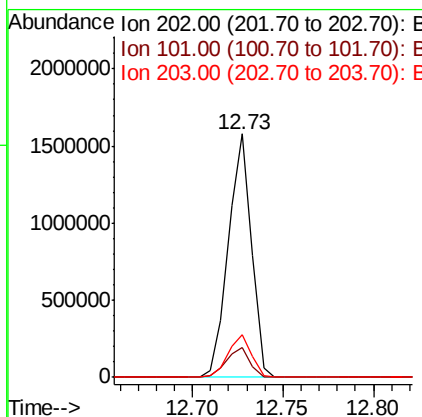
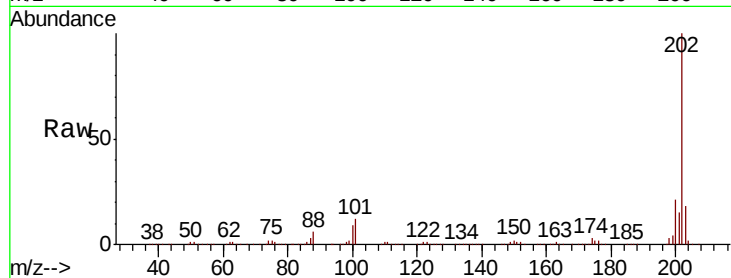




#75
 Fluoranthene
 Concen: 37.705 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

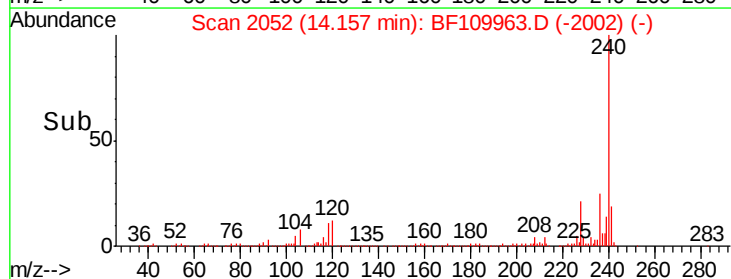
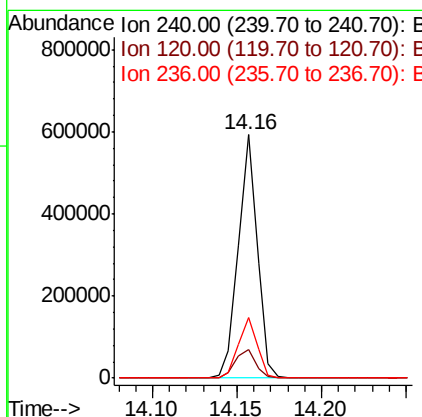
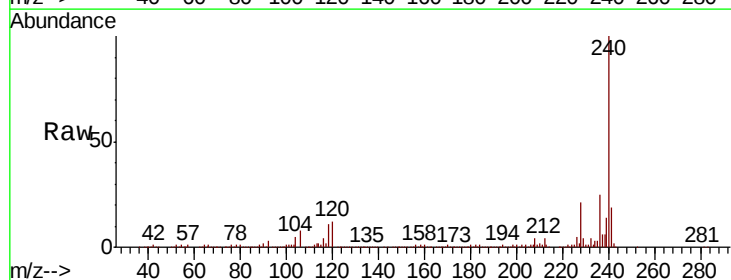
Instrument :
 BNA_F
 ClientSampleId :

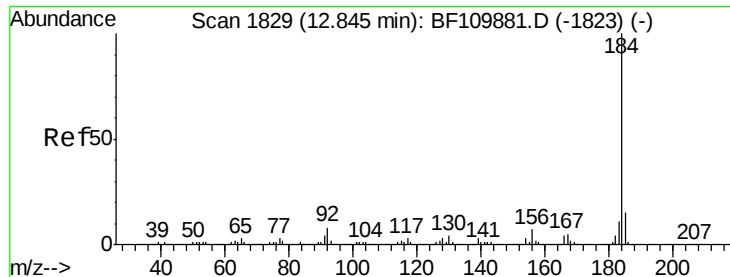
Tot Ion:202 Resp: 1399013
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.4
 203 17.6 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion:240 Resp: 462075
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 24.7 21.2 31.8





#77

Benzidine

Concen: 40.163 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

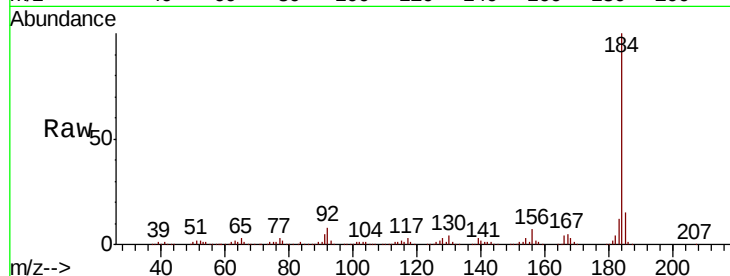
Tot Ion:184 Resp: 711551

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.2
183	11.9	9.4	14.2

184 100

185 15.2 13.4 20.2

183 11.9 9.4 14.2

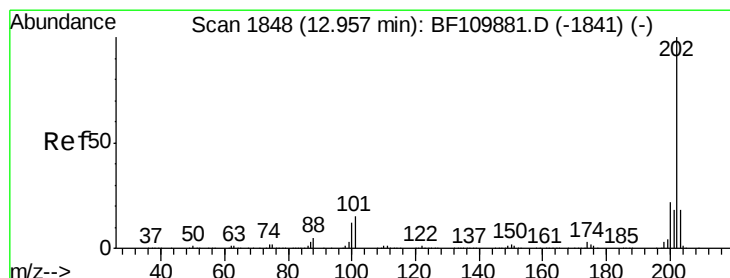
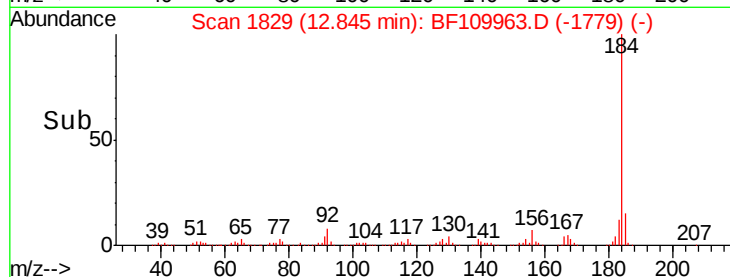
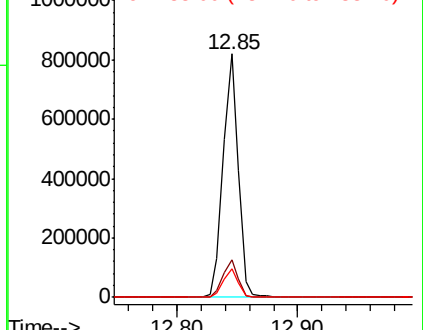


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.938 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

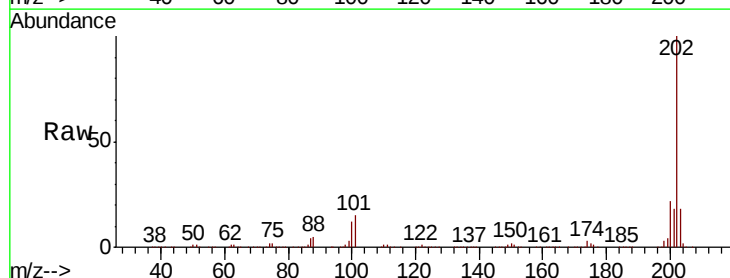
Tgt Ion:202 Resp: 1423291

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.8	14.2	21.4

202 100

200 21.6 17.8 26.6

203 17.8 14.2 21.4

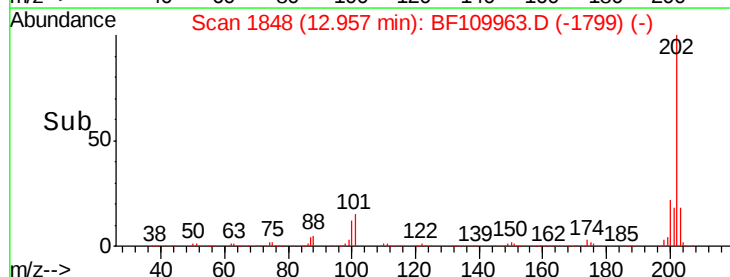
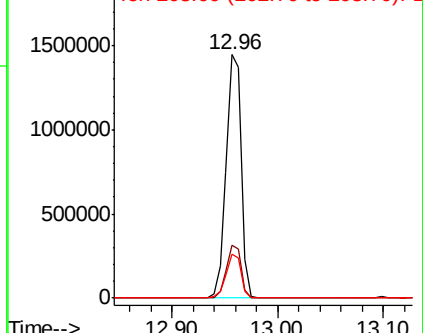


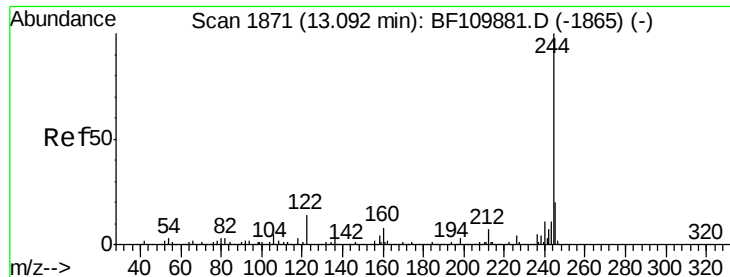
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.347 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

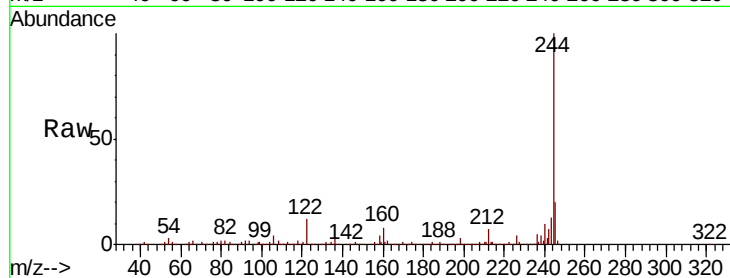
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1789995

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	8.7	13.1

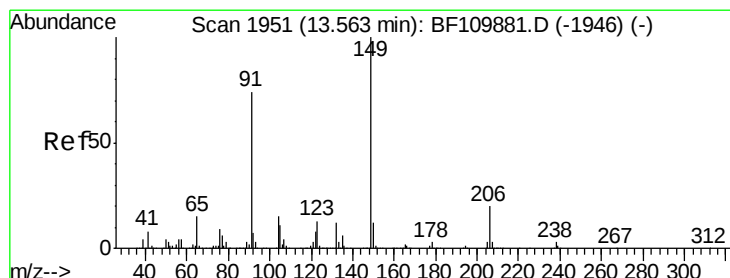
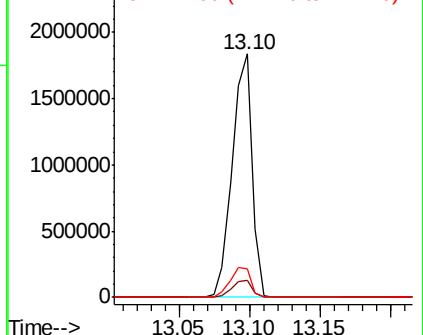
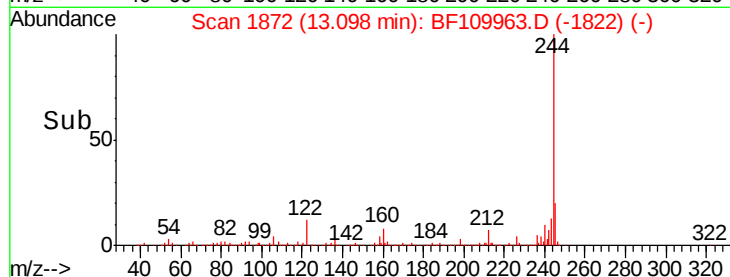


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.535 ng

RT: 13.56 min Scan# 1951

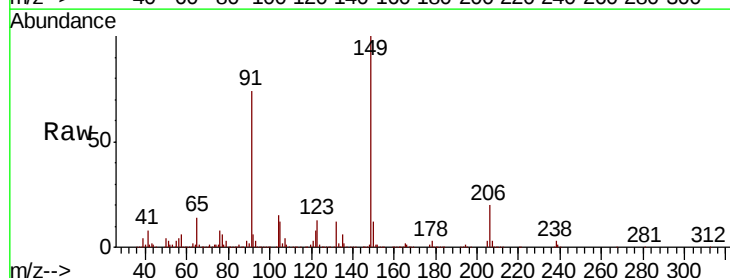
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:149 Resp: 597333

Ion	Ratio	Lower	Upper
149	100		
91	74.0	57.2	85.8
206	19.9	15.7	23.5

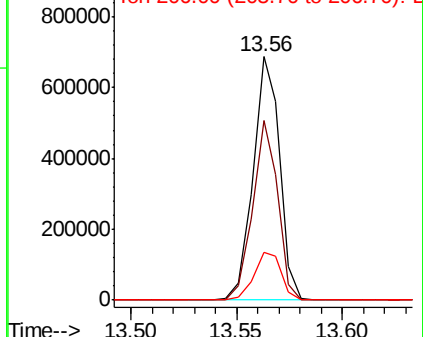
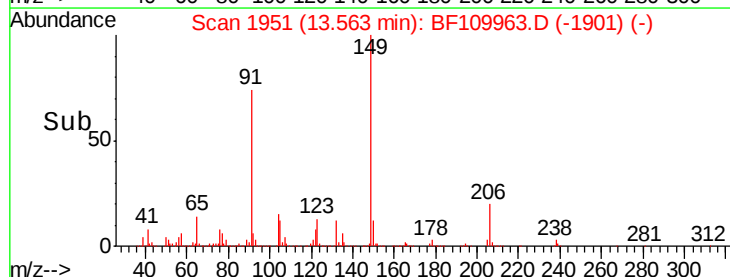


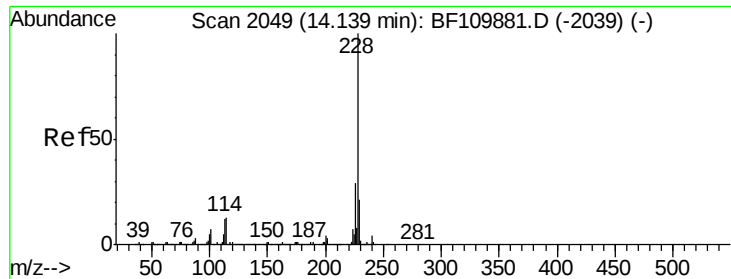
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

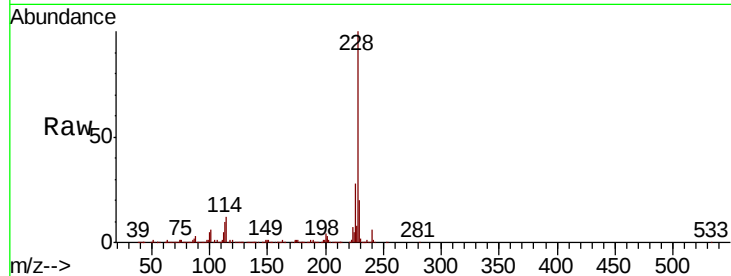




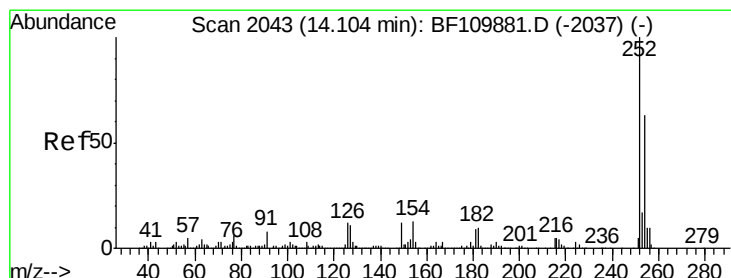
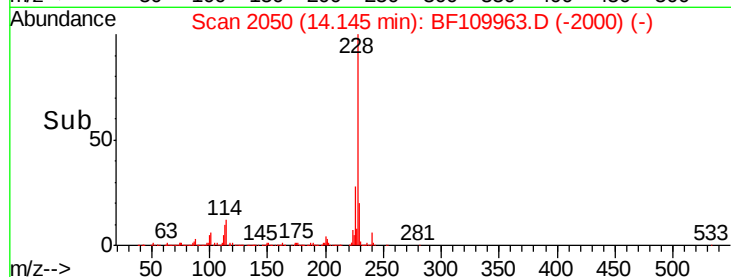
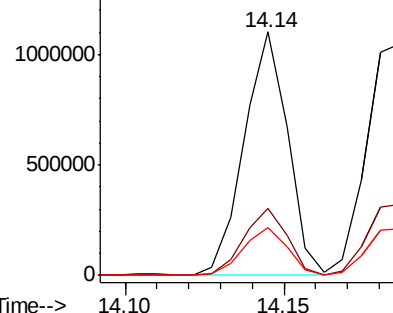
#81
Benzo(a)anthracene
Concen: 38.739 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1054369
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.9 15.6 23.4

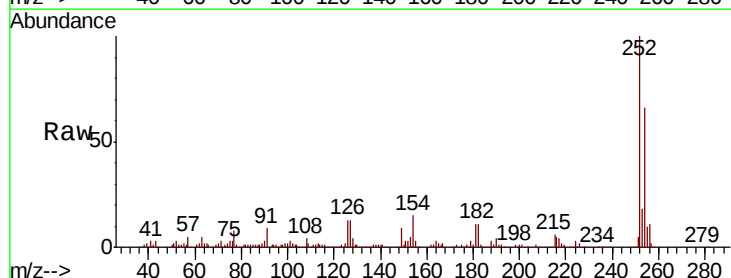


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

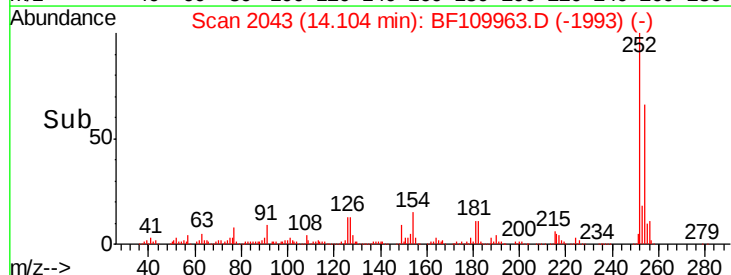
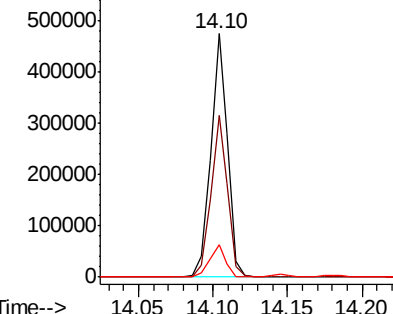


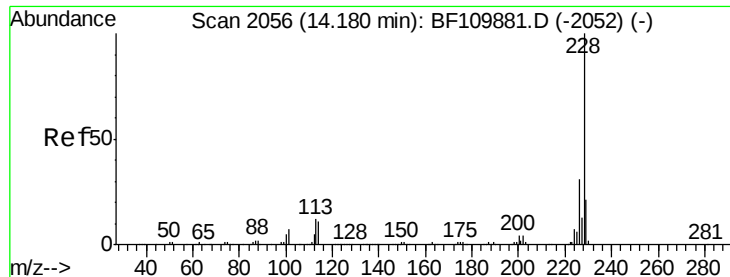
#82
3,3'-Dichlorobenzidine
Concen: 39.440 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:252 Resp: 376327
Ion Ratio Lower Upper
252 100
254 66.4 51.3 76.9
126 13.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.380 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampled :

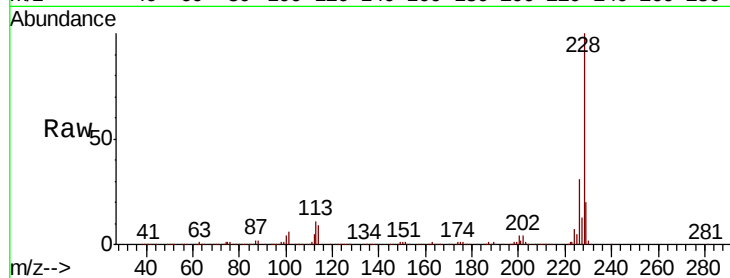
Tot Ion:228 Resp: 994309

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

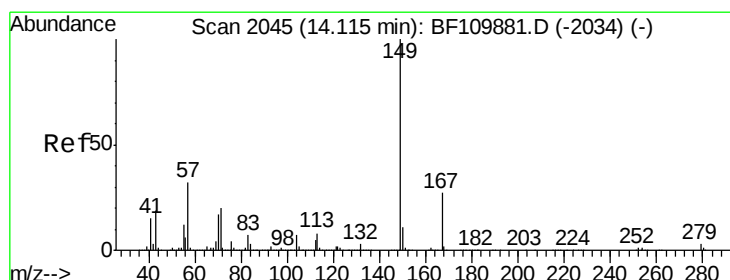
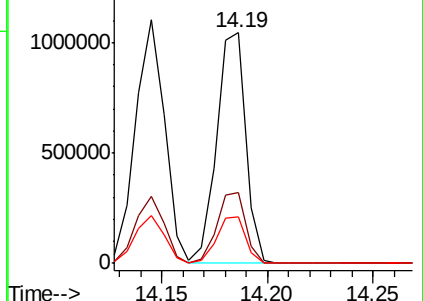
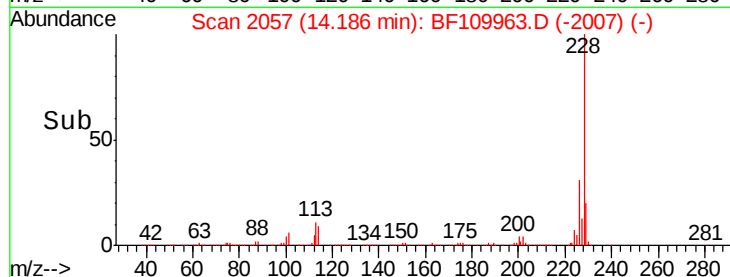
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.803 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

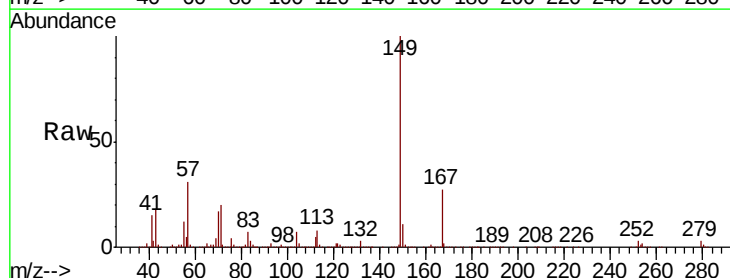
Tgt Ion:149 Resp: 754720

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

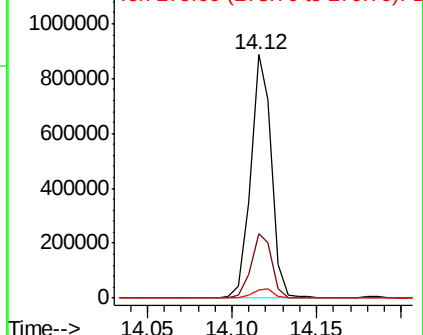
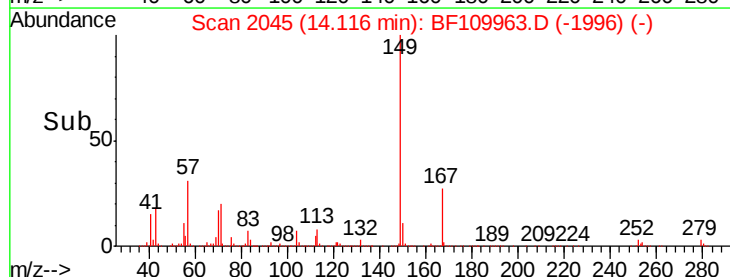
279 3.2 2.7 4.1

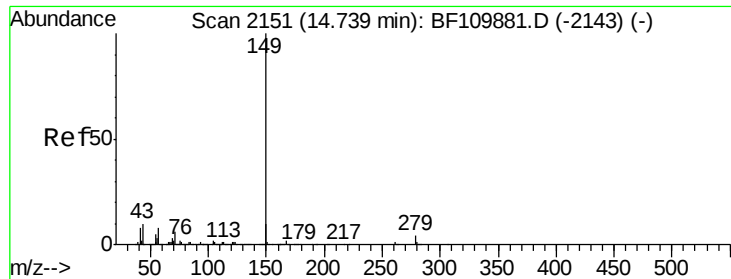


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.002 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

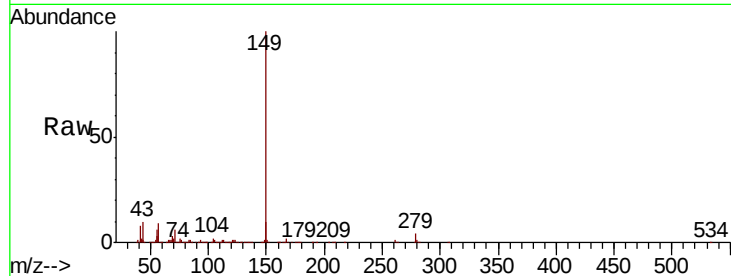
Tot Ion:149 Resp: 1120008

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

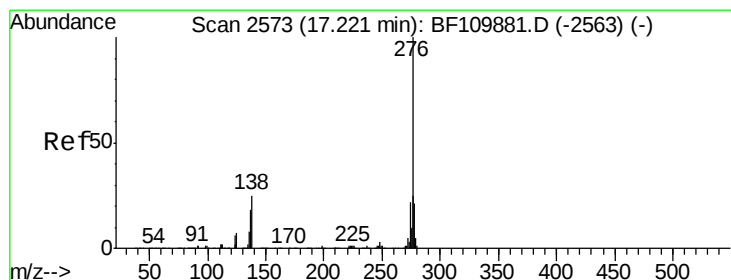
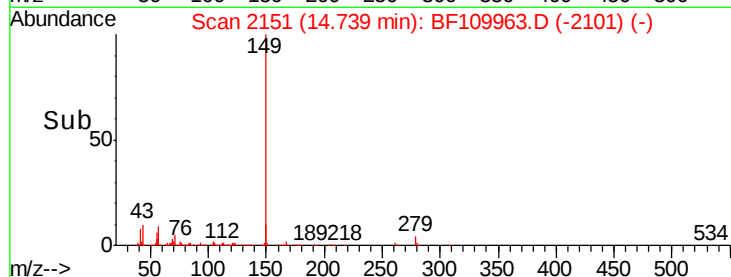
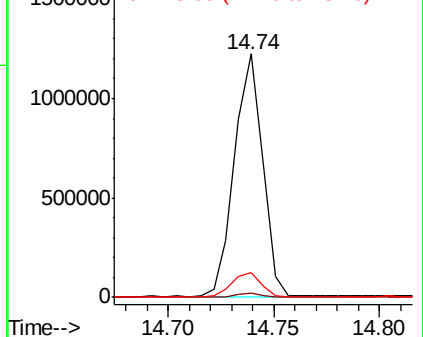
43 10.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.210 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

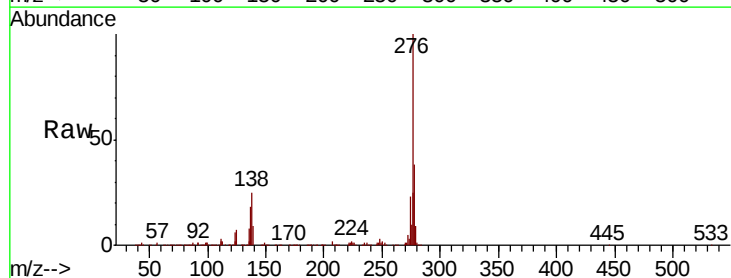
Tgt Ion:276 Resp: 922169

Ion Ratio Lower Upper

276 100

138 27.9 18.5 27.7#

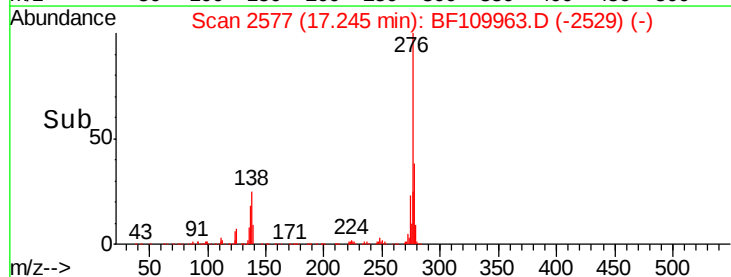
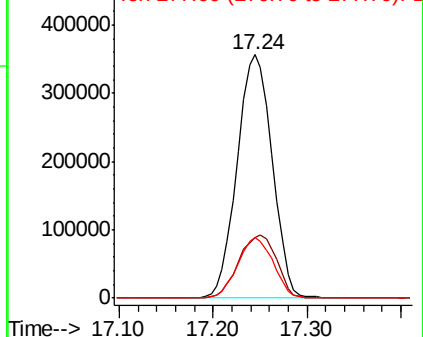
277 25.2 20.0 30.0

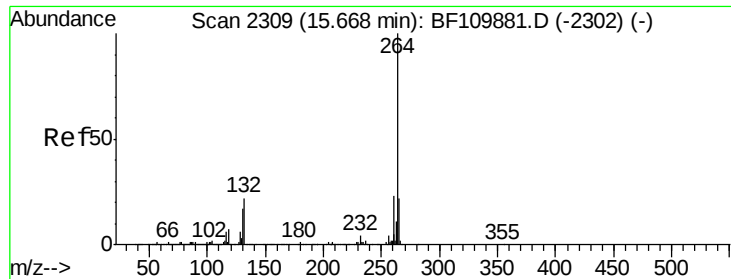


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

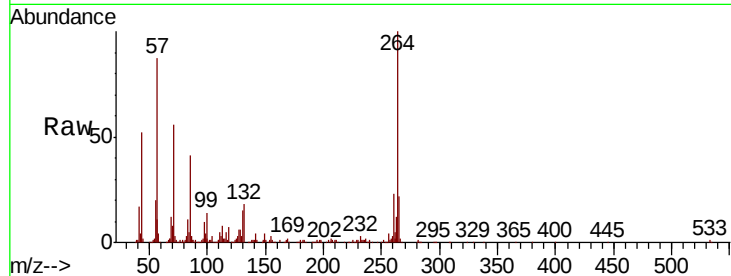
Tot Ion:264 Resp: 357408

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.6 16.7 25.1

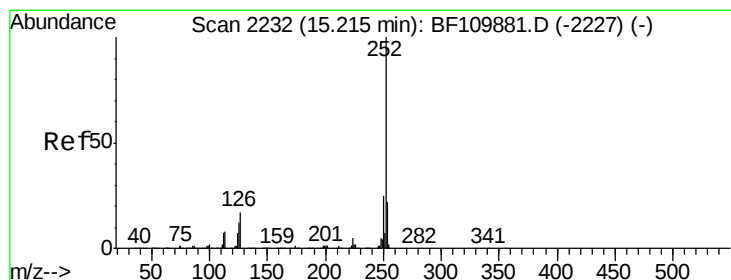
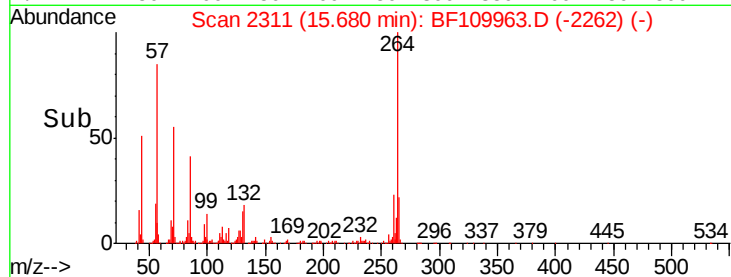
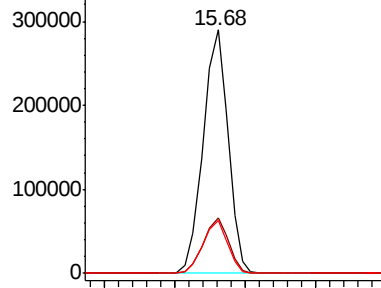


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.988 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

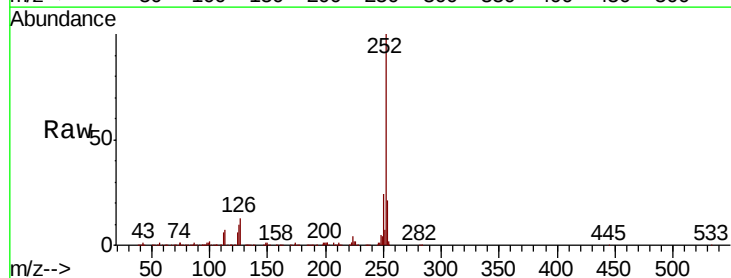
Tgt Ion:252 Resp: 823957

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.4 8.2 12.4

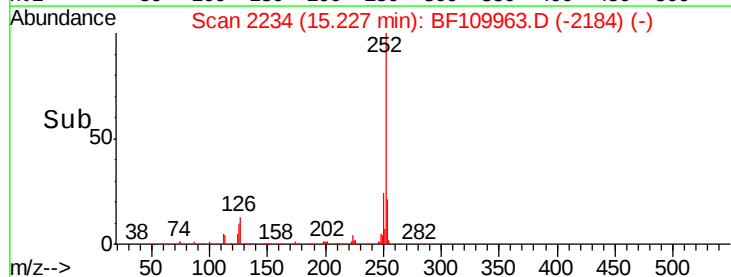
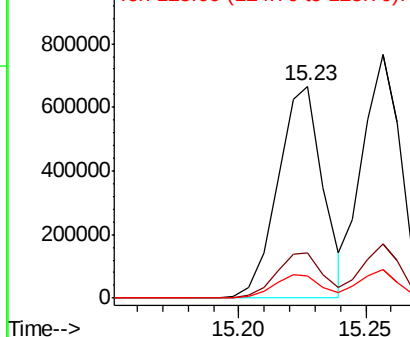


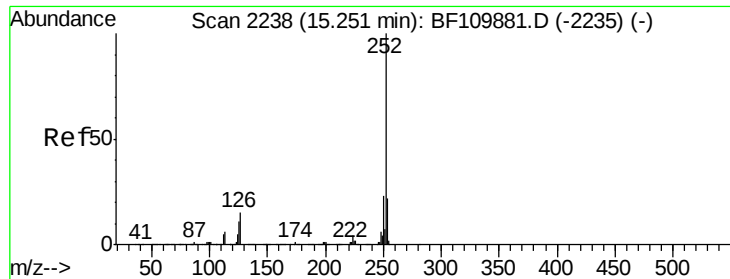
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

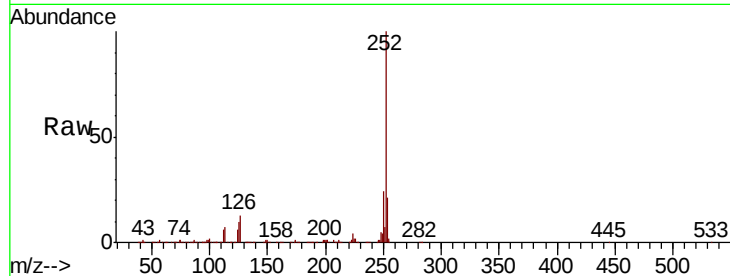




#89
Benzo(k)fluoranthene
Concen: 40.569 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.4	7.4	11.0

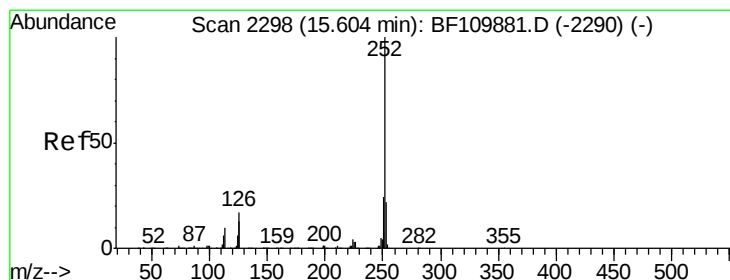
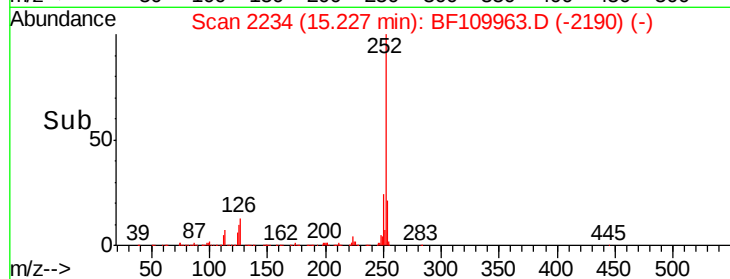
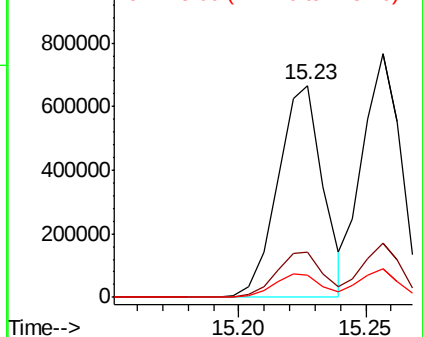


Abundance

Ion 252.00 (251.70 to 252.70): E

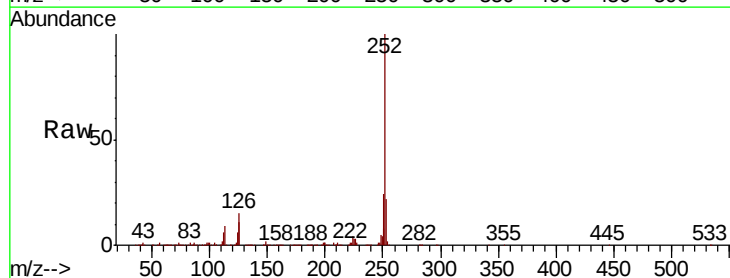
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.495 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.5	9.0	13.6

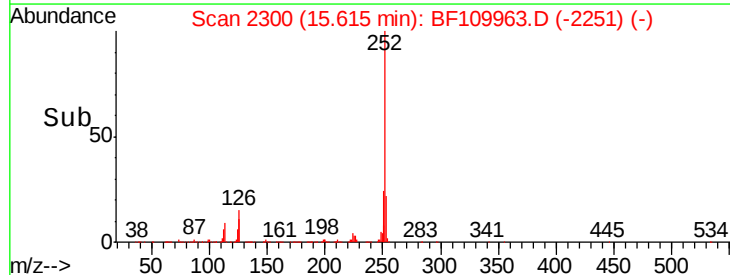
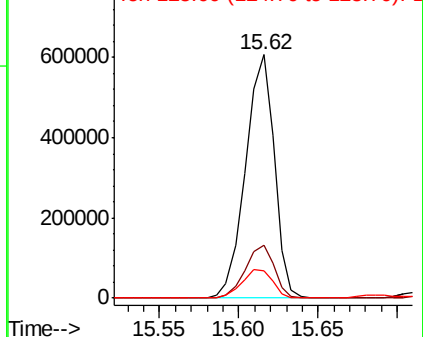


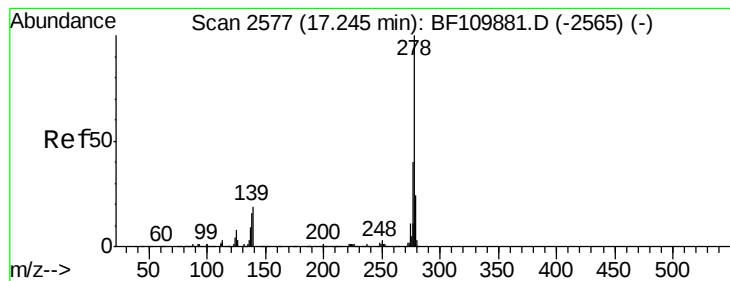
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

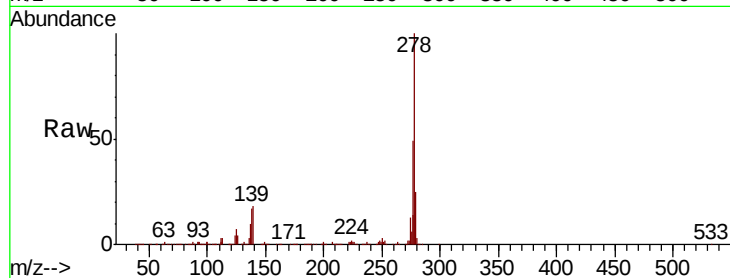




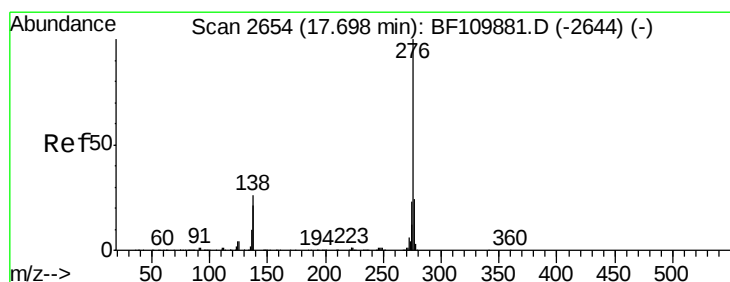
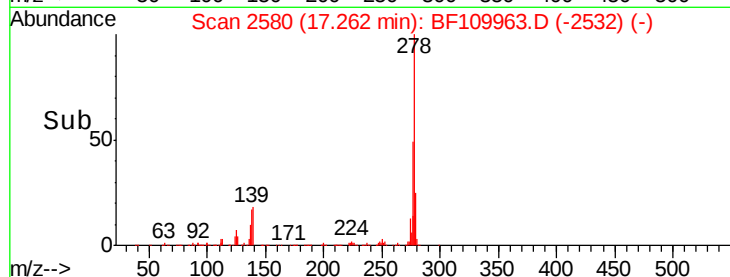
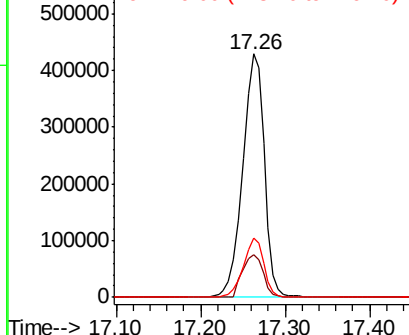
#91
Dibenzo(a,h)anthracene
Concen: 45.444 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 763221
Ion Ratio Lower Upper
278 100
139 17.8 12.7 19.1
279 24.5 19.0 28.4

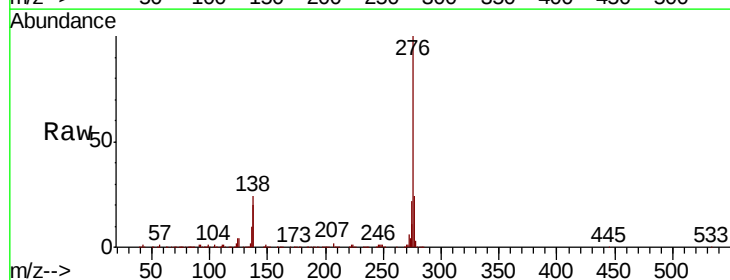


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.062 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:276 Resp: 781626
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 23.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

