

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF109997.D
 Acq On : 19 Oct 2018 12:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:05:30 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	171416	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	720642	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	331104	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	602698	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	380721	20.00	ng	-0.02
87) Perylene-d12	15.66	264	327989	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	857116	79.26	ng	-0.01
7) Phenol-d6	6.59	99	1066379	79.41	ng	-0.01
23) Nitrobenzene-d5	7.53	82	949525	88.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	249608	87.07	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1699795	81.92	ng	-0.01
79) Terphenyl-d14	13.09	244	1539036	84.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	225701	36.747	ng	90
3) Pyridine	3.60	79	513600	37.507	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	212505	38.043	ng	94
6) Aniline	6.63	93	699821	38.673	ng	# 53
8) 2-Chlorophenol	6.76	128	487481	40.244	ng	97
9) Benzaldehyde	6.52	77	335237	38.417	ng	96
10) Phenol	6.60	94	566232	39.056	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	465999	38.442	ng	93
12) 1,3-Dichlorobenzene	6.91	146	531266	39.997	ng	99
13) 1,4-Dichlorobenzene	6.99	146	533495	39.882	ng	98
14) 1,2-Dichlorobenzene	7.15	146	498474	40.466	ng	98
15) Benzyl Alcohol	7.10	79	420968	40.749	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	756069	38.000	ng	67
17) 2-Methylphenol	7.21	107	386187	39.537	ng	# 81
18) Hexachloroethane	7.48	117	195672	41.392	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	328905	38.148	ng	96
20) 3+4-Methylphenols	7.37	107	493850	39.842	ng	97
22) Acetophenone	7.38	105	643465	38.503	ng	98
24) Nitrobenzene	7.56	77	495849	42.667	ng	92
25) Isophorone	7.79	82	788393	37.507	ng	95
26) 2-Nitrophenol	7.87	139	243314	50.496	ng	91
27) 2,4-Dimethylphenol	7.90	122	389279	38.448	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	552096	38.271	ng	99
29) 2,4-Dichlorophenol	8.10	162	399309	40.655	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	441025	40.103	ng	94
31) Naphthalene	8.27	128	1290998	39.067	ng	100
32) Benzoic acid	7.97	122	78105	12.381	ng	93
33) 4-Chloroaniline	8.32	127	583126	39.255	ng	98
34) Hexachlorobutadiene	8.39	225	244724	40.355	ng	98
35) Caprolactam	8.69	113	124327	35.642	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	416773	40.224	ng	98
37) 2-Methylnaphthalene	8.97	142	840765	39.291	ng	98
38) 1-Methylnaphthalene	9.07	142	811134	39.119	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	412400	40.438	ng	99

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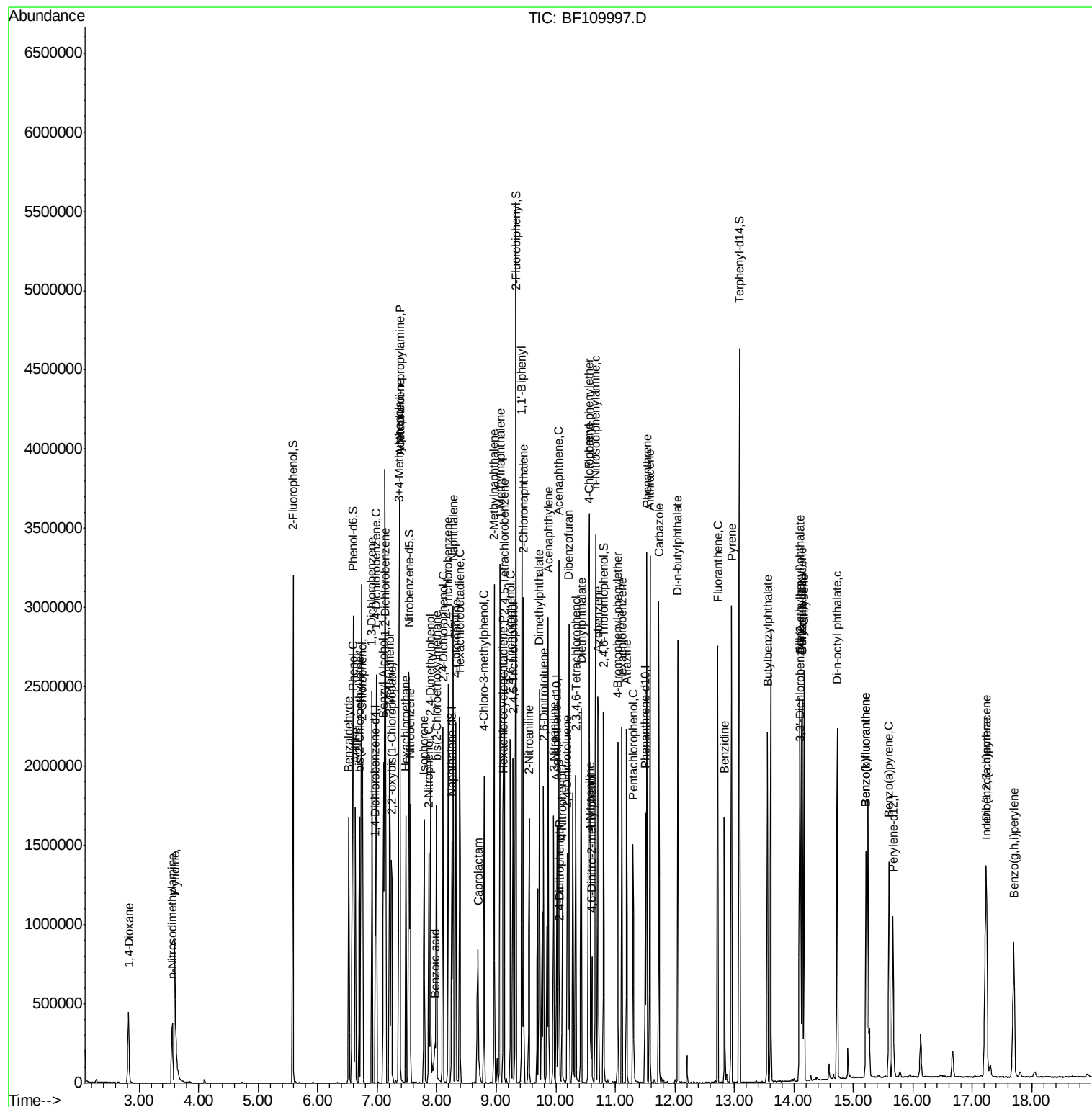
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	214247	43.526	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	265651	41.658	nq	94
44) 2,4,5-Trichlorophenol	9.28	196	282297	42.653	nq	96
46) 1,1'-Biphenyl	9.43	154	1159039	39.289	nq	99
47) 2-Chloronaphthalene	9.46	162	864643	39.791	nq	99
48) 2-Nitroaniline	9.55	65	260869	46.780	nq	97
49) Acenaphthylene	9.87	152	1246407	39.484	nq	98
50) Dimethylphthalate	9.73	163	927351	39.554	nq	100
51) 2,6-Dinitrotoluene	9.79	165	207882	46.683	nq	96
52) Acenaphthene	10.05	154	794742	39.545	nq	98
53) 3-Nitroaniline	9.96	138	241400	44.565	nq	96
54) 2,4-Dinitrophenol	10.06	184	43007	35.850	nq	94
55) Dibenzofuran	10.22	168	1132906	39.527	nq	96
56) 4-Nitrophenol	10.11	139	175410	42.439	nq	94
57) 2,4-Dinitrotoluene	10.20	165	261709	46.666	nq	# 80
58) Fluorene	10.56	166	827083	39.641	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	217725	41.508	nq	95
60) Diethylphthalate	10.43	149	903481	39.017	nq	98
61) 4-Chlorophenyl-phenylether	10.55	204	442803	40.742	nq	98
62) 4-Nitroaniline	10.58	138	229041	44.668	nq	91
63) Azobenzene	10.71	77	907334	37.507	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	89380	42.099	nq	95
66) n-Nitrosodiphenylamine	10.67	169	784526	39.083	nq	98
67) 4-Bromophenyl-phenylether	11.05	248	257044	39.353	nq	97
68) Hexachlorobenzene	11.11	284	275670	39.578	nq	95
69) Atrazine	11.19	200	248463	39.626	nq	99
70) Pentachlorophenol	11.30	266	154900	39.078	nq	96
71) Phenanthrene	11.53	178	1210951	38.810	nq	99
72) Anthracene	11.58	178	1222436	38.969	nq	99
73) Carbazole	11.73	167	1157621	37.549	nq	100
74) Di-n-butylphthalate	12.05	149	1321214	38.400	nq	100
75) Fluoranthene	12.72	202	1158275	37.159	nq	99
77) Benzidine	12.83	184	593052	40.627	nq	99
78) Pyrene	12.95	202	1181897	42.267	nq	99
80) Butylbenzylphthalate	13.56	149	489444	43.294	nq	98
81) Benzo(a)anthracene	14.13	228	891925	39.773	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	321479	40.891	nq	98
83) Chrysene	14.17	228	820571	38.442	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	641558	43.128	nq	# 95
85) Di-n-octyl phthalate	14.73	149	995753	47.480	nq	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	846378	49.247	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	721864	38.175	nq	99
89) Benzo(k)fluoranthene	15.22	252	721864	38.731	nq	98
90) Benzo(a)pyrene	15.60	252	678856	39.034	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	708492	45.969	nq	98
92) Benzo(g,h,i)perylene	17.70	276	713994	45.850	nq	# 95

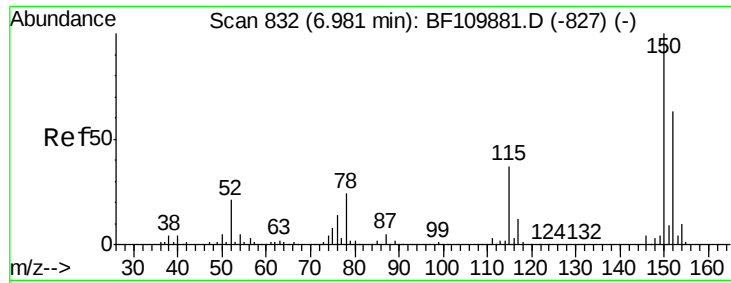
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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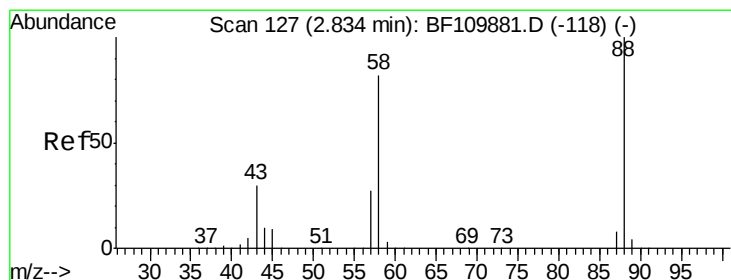
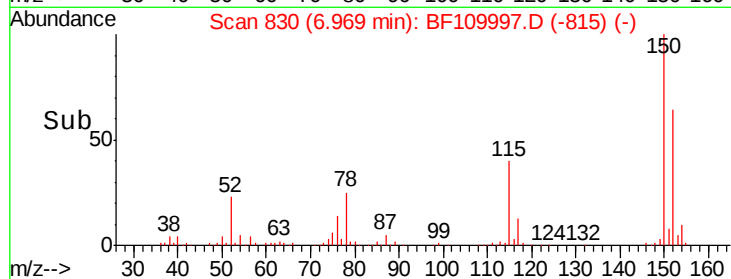
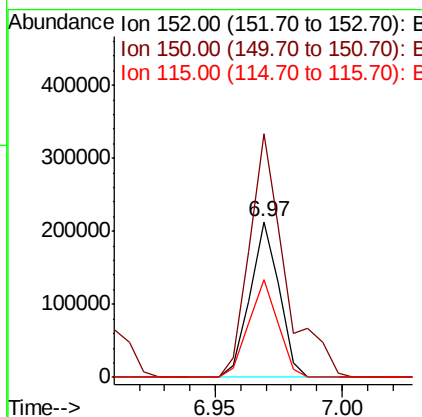
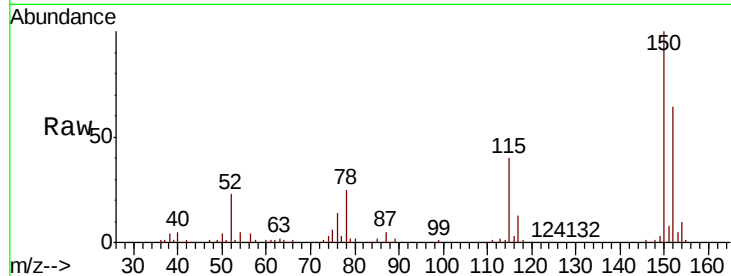


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

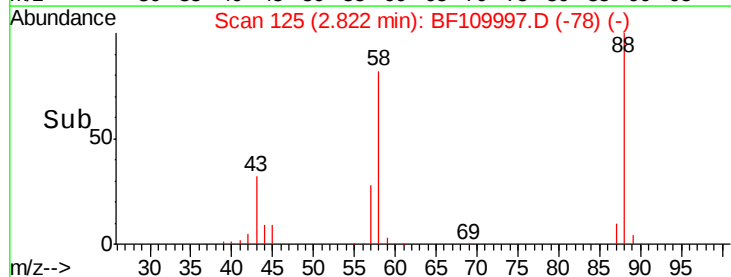
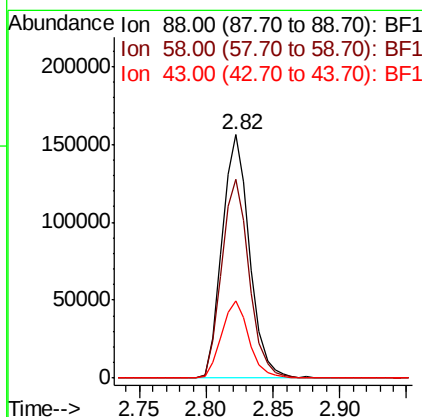
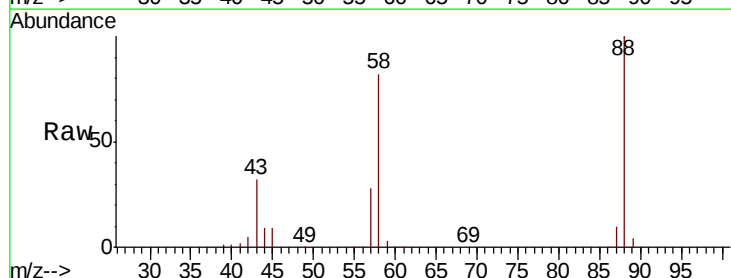
Tot Ion:152 Resp: 171416
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 62.7 49.1 73.7

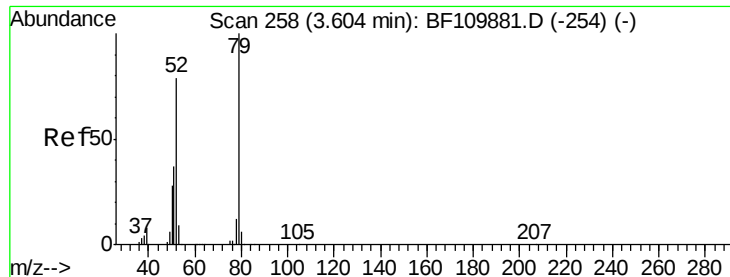


#2

1,4-Dioxane
Concen: 36.747 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion: 88 Resp: 225701
Ion Ratio Lower Upper
88 100
58 81.9 57.1 85.7
43 31.7 24.1 36.1





#3

Pvridine

Concen: 37.507 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

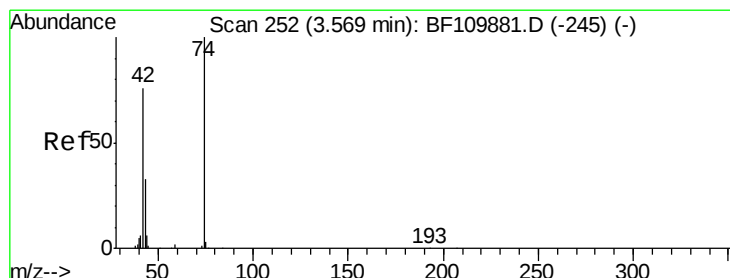
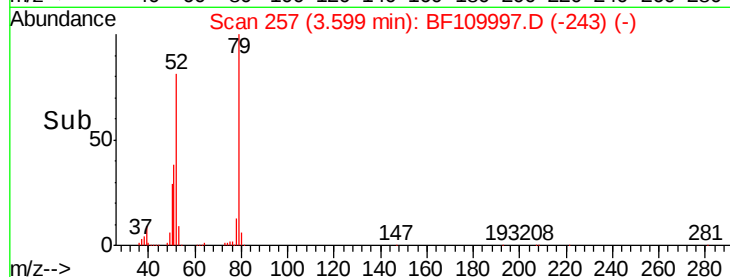
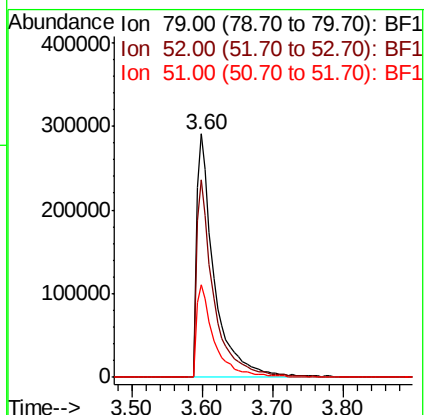
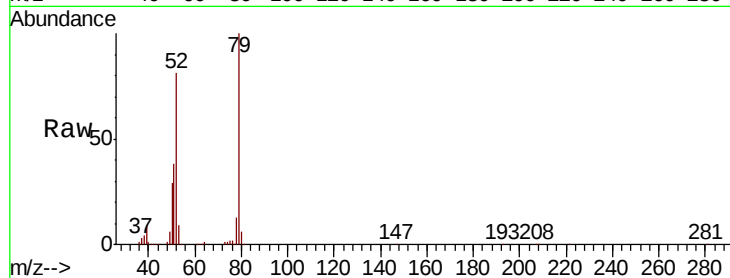
Tot Ion: 79 Resp: 513600

Ion Ratio Lower Upper

79 100

52 81.2 53.1 79.7#

51 38.2 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.043 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

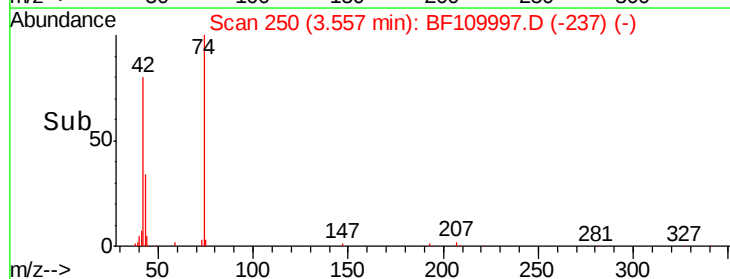
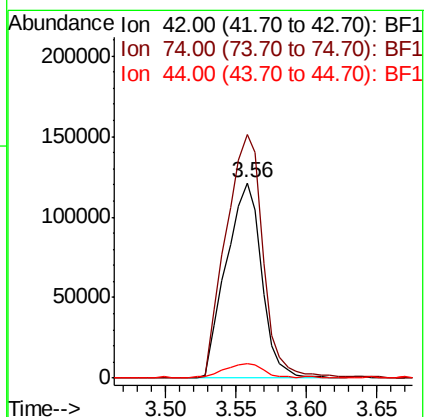
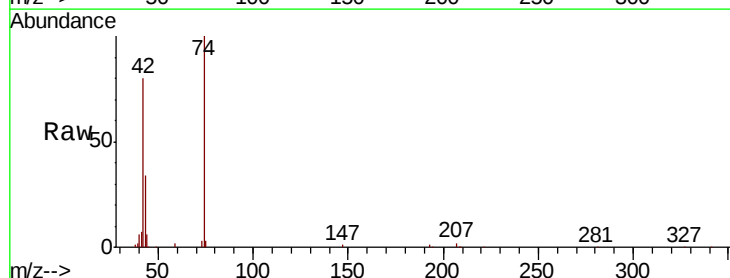
Tgt Ion: 42 Resp: 212505

Ion Ratio Lower Upper

42 100

74 124.8 105.5 158.3

44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 79.260 ng

RT: 5.59 min Scan# 595

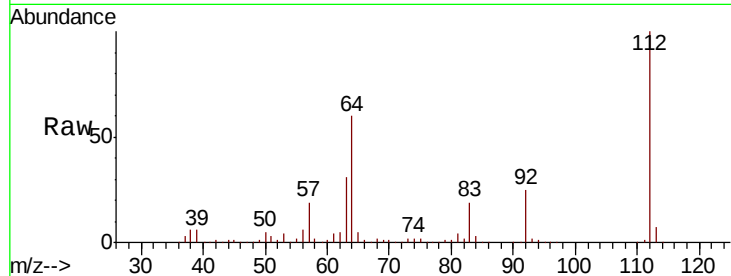
Delta R.T. -0.01 min

Lab File: BF109997.D

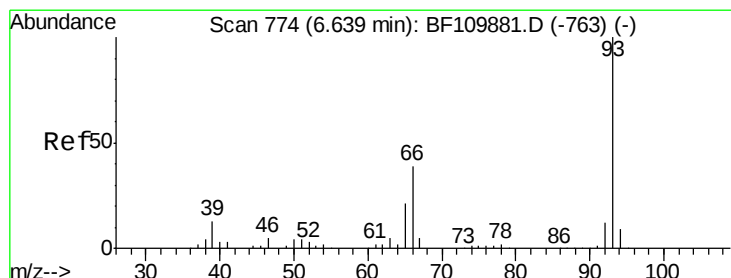
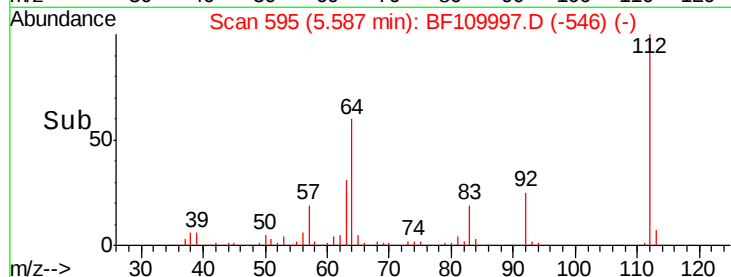
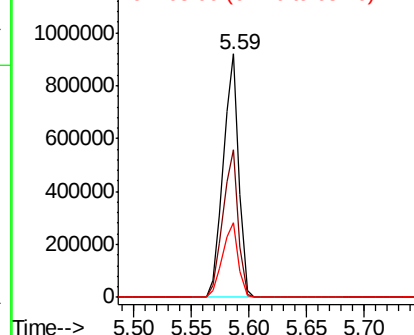
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	857116
Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	30.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.673 ng

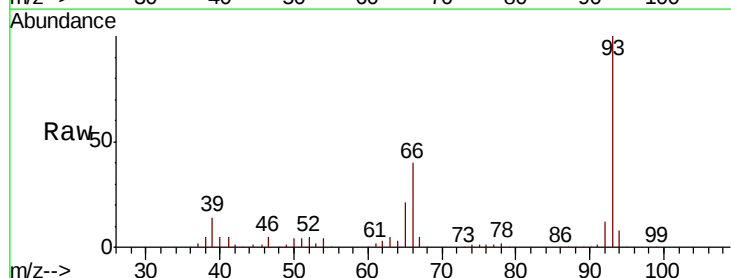
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

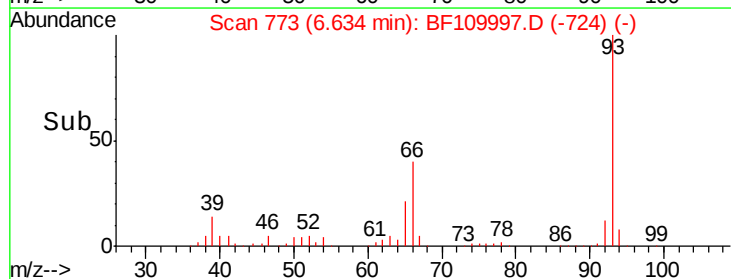
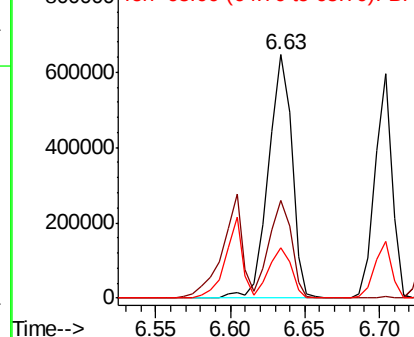
Lab File: BF109997.D

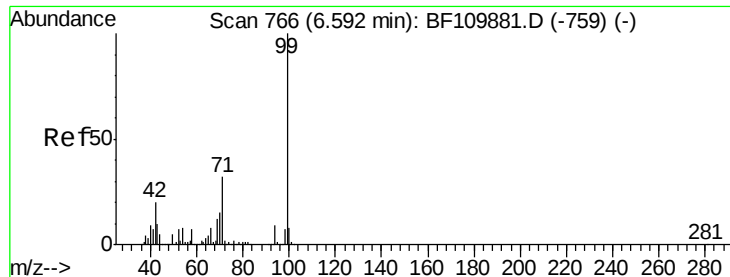
Acq: 19 Oct 2018 12:45

Tgt Ion:	93	Resp:	699821
Ion	Ratio	Lower	Upper
93	100		
66	40.1	67.4	101.0#
65	20.8	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.414 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

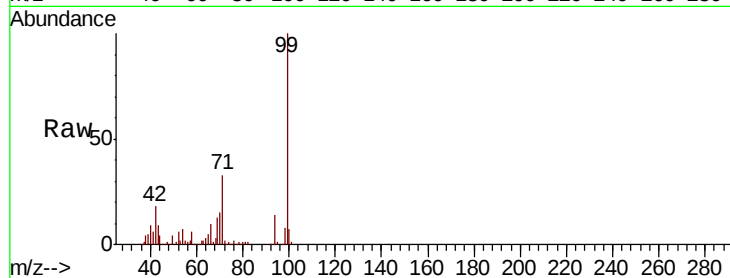
Tot Ion: 99 Resp: 1066379

Ion Ratio Lower Upper

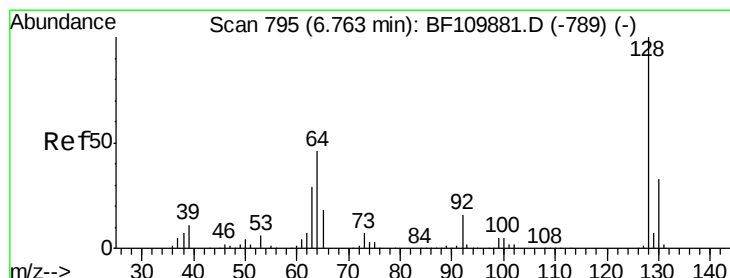
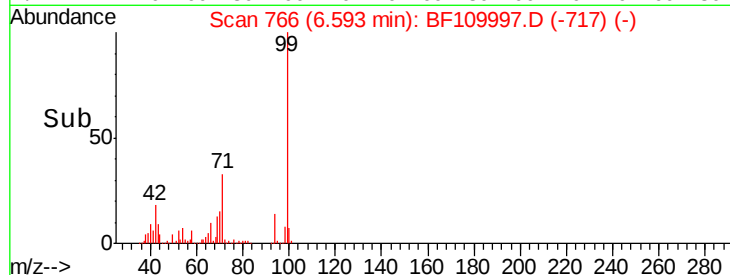
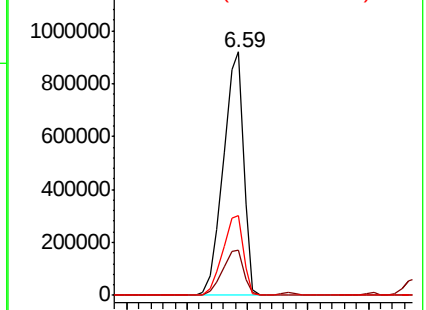
99 100

42 18.3 15.8 23.6

71 32.9 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: 40.244 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

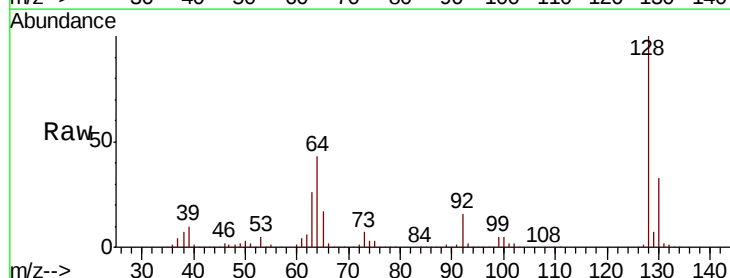
Tgt Ion: 128 Resp: 487481

Ion Ratio Lower Upper

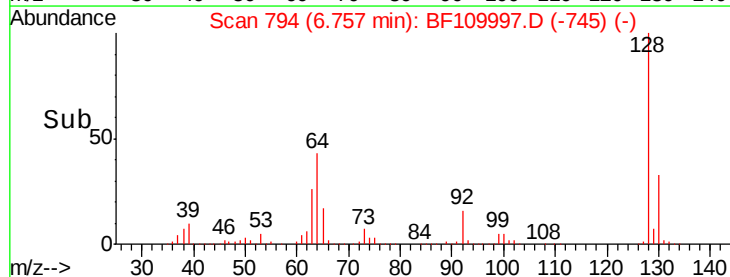
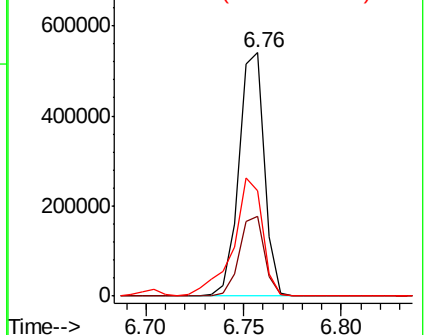
128 100

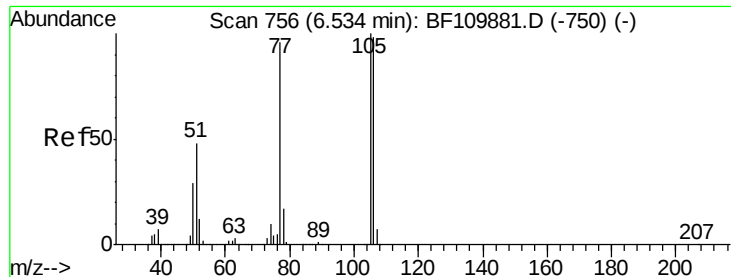
130 32.5 13.1 53.1

64 43.4 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: 38.417 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

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ClientSampleId :

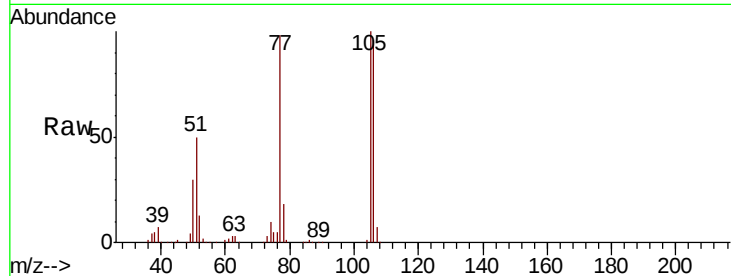
Tot Ion: 77 Resp: 335237

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

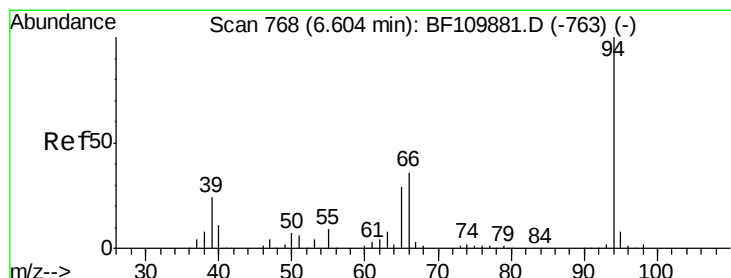
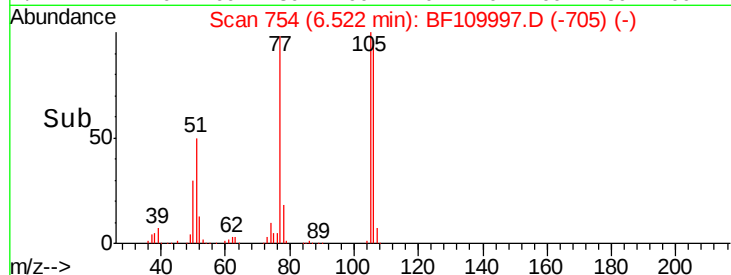
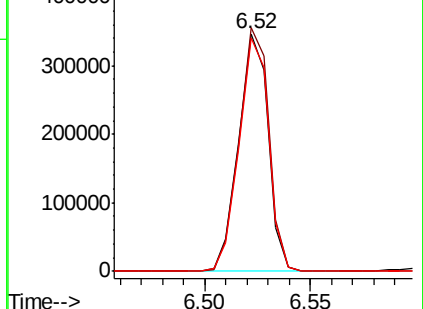
106 98.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.056 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

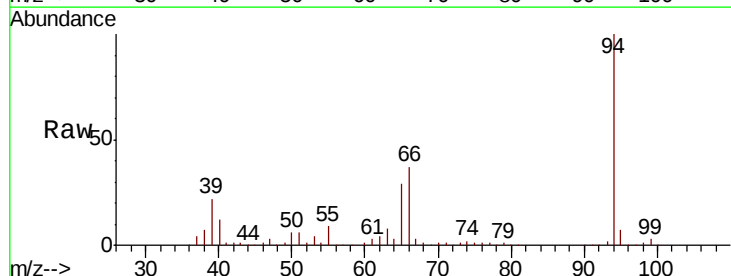
Tgt Ion: 94 Resp: 566232

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

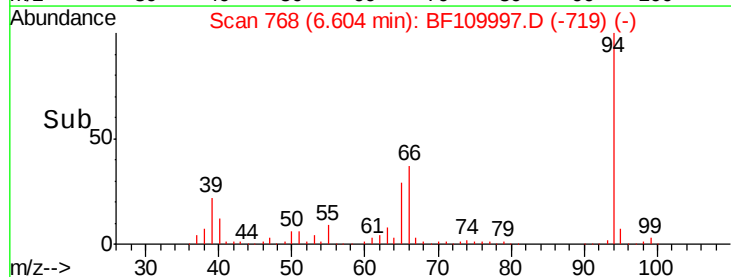
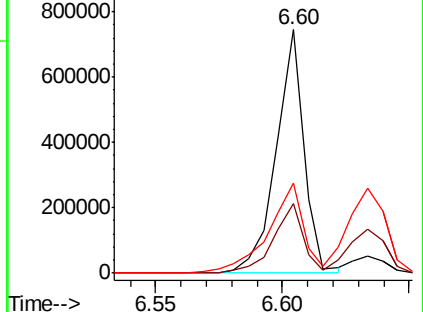
66 37.0 54.5 94.5#

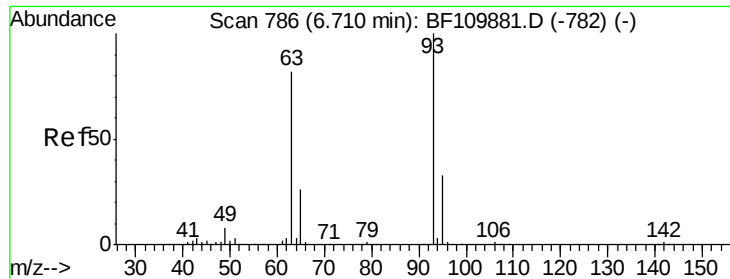


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

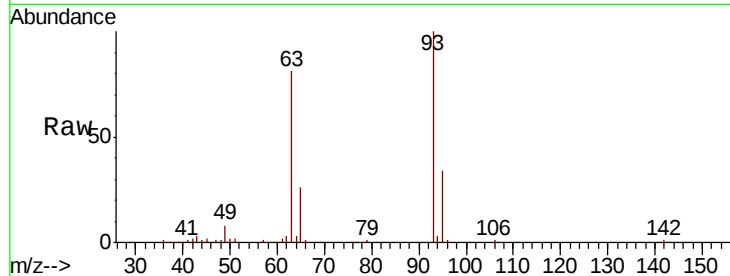




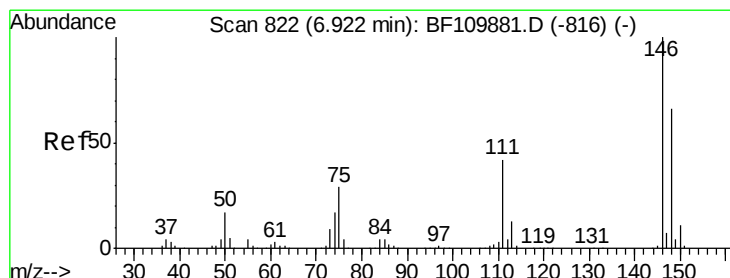
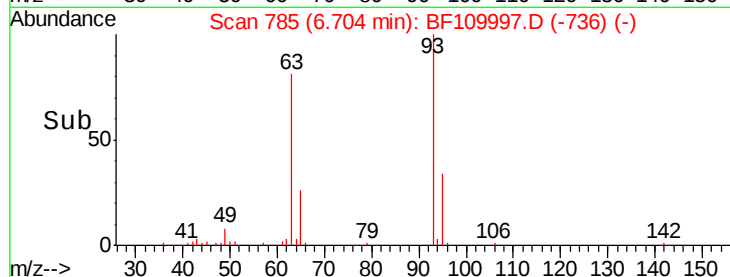
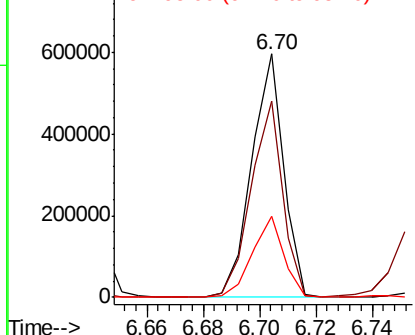
#11
bis(2-Chloroethyl)ether
Concen: 38.442 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	465999
Ion	Ratio	Lower	Upper
93	100		
63	80.7	53.4	93.4
95	33.5	12.1	52.1

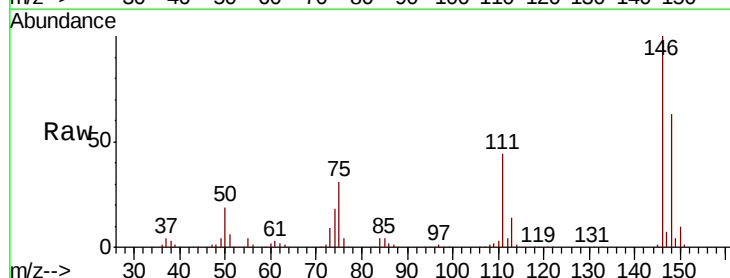


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

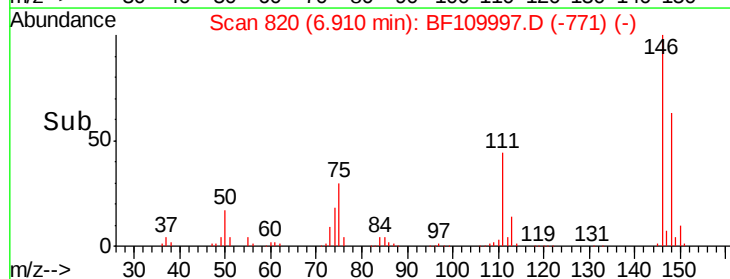
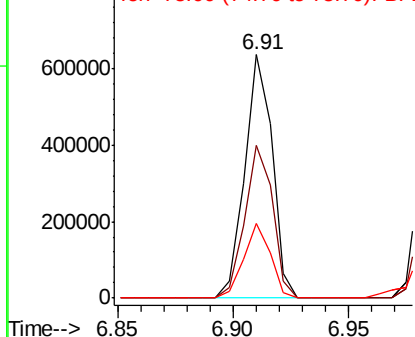


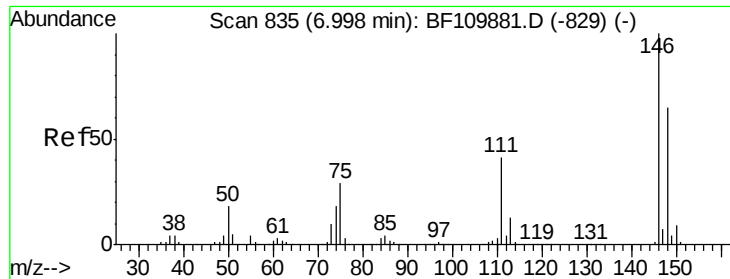
#12
1,3-Dichlorobenzene
Concen: 39.997 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	146	Resp	531266
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	30.5	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

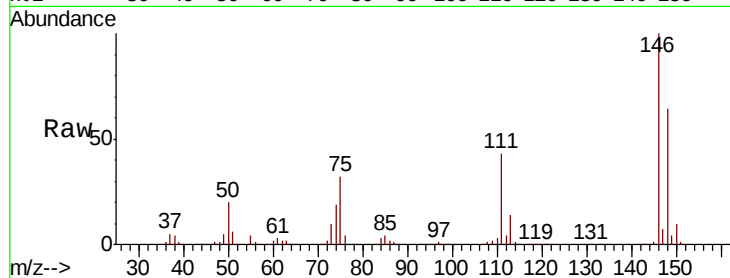




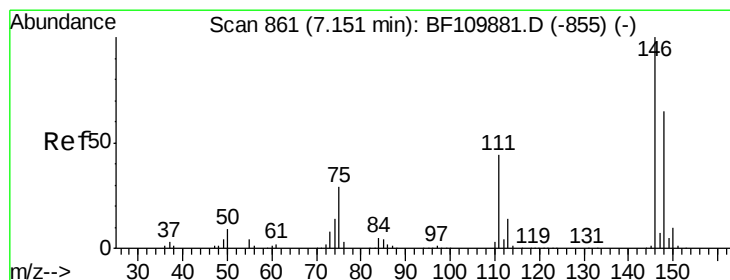
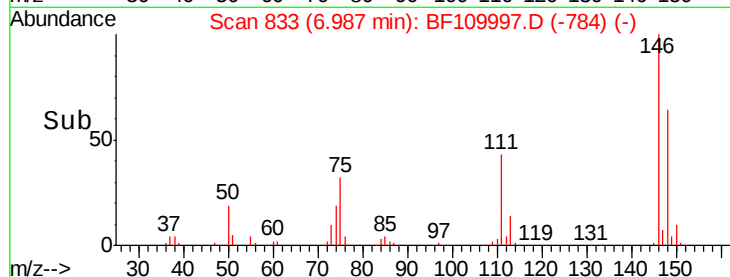
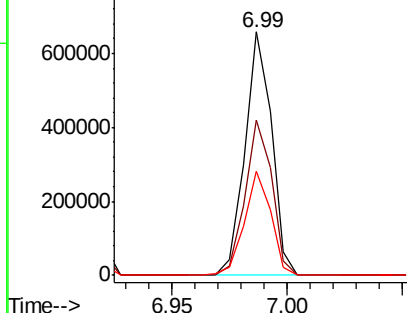
#13
 1,4-Dichlorobenzene
 Concen: 39.882 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 533495
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 42.8 32.7 49.1

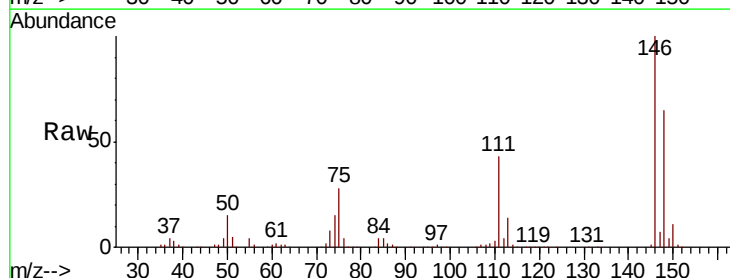


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

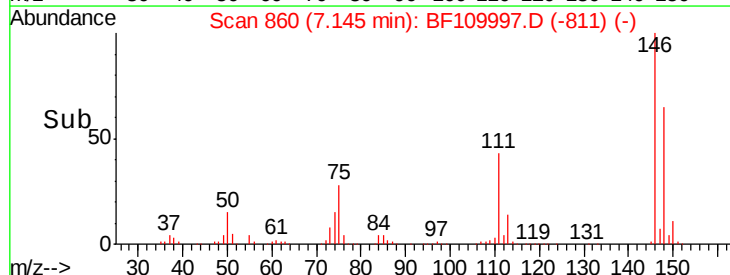
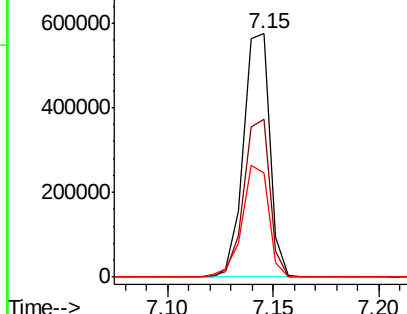


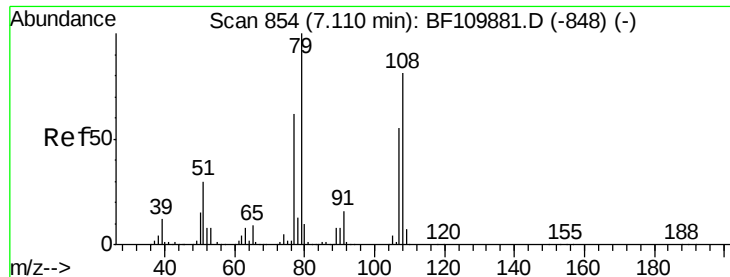
#14
 1,2-Dichlorobenzene
 Concen: 40.466 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:146 Resp: 498474
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.8 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: 40.749 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

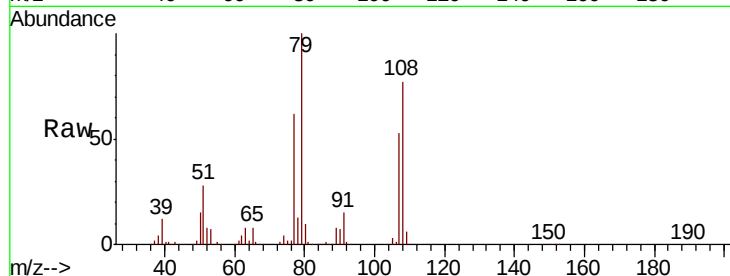
Tot Ion: 79 Resp: 420968

Ion Ratio Lower Upper

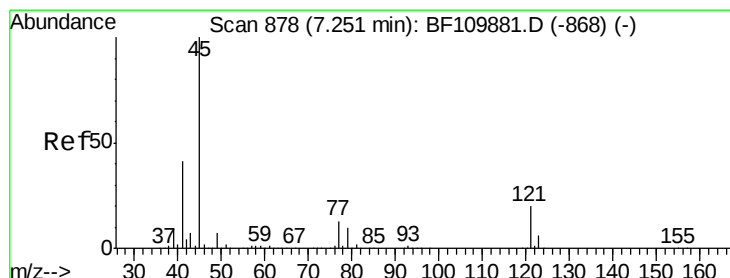
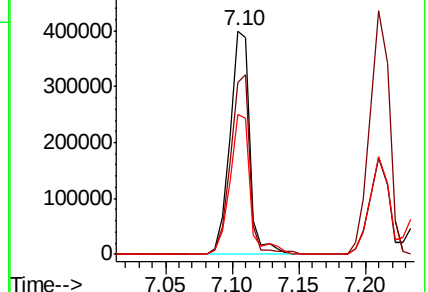
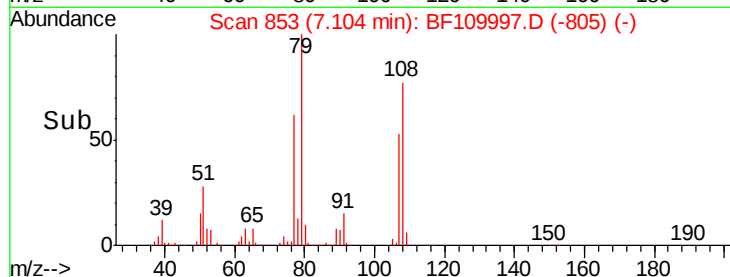
79 100

108 77.1 56.3 84.5

77 62.3 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.000 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

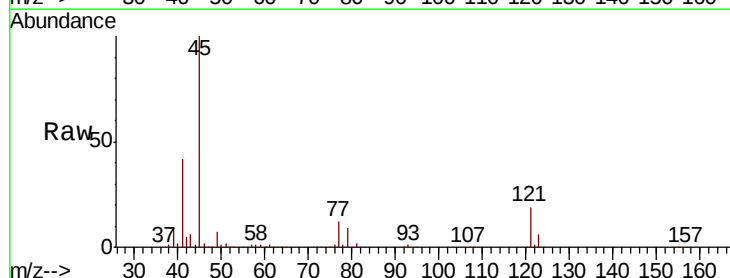
Tgt Ion: 45 Resp: 756069

Ion Ratio Lower Upper

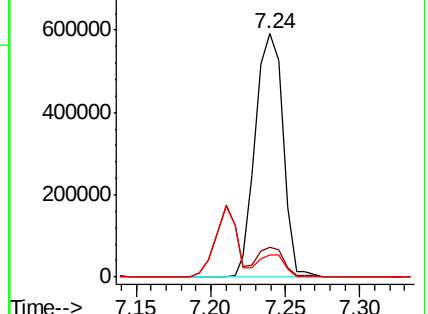
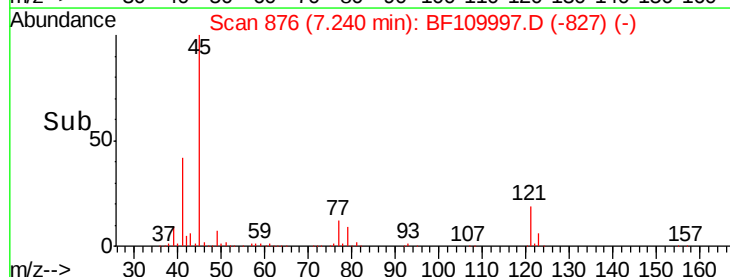
45 100

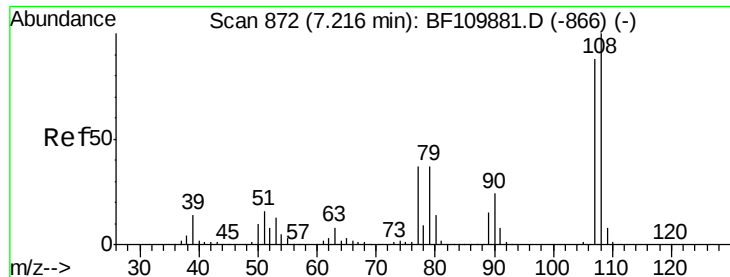
77 12.1 10.0 50.0

79 9.3 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.537 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 386187

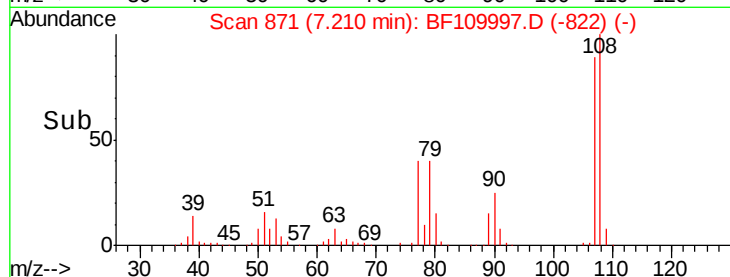
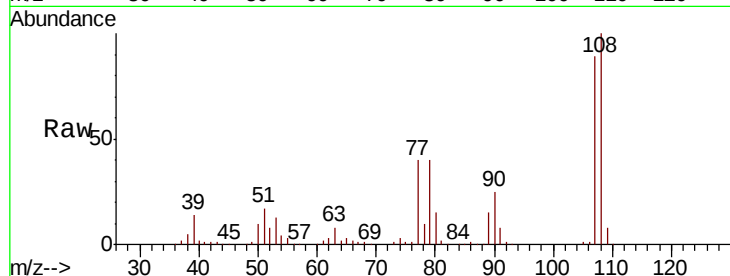
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 45.2 59.4 89.2#

79 44.5 54.0 81.0#



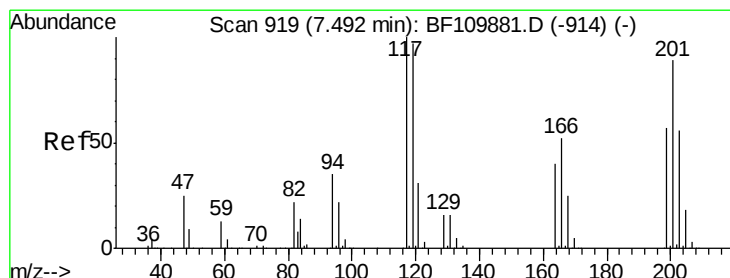
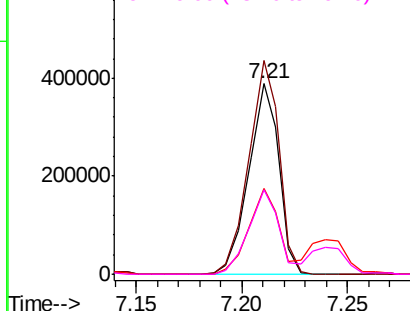
Abundance

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: 41.392 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

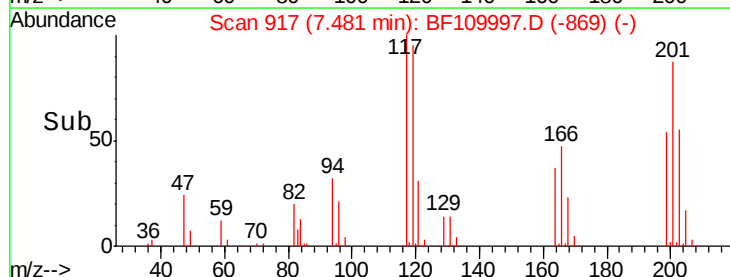
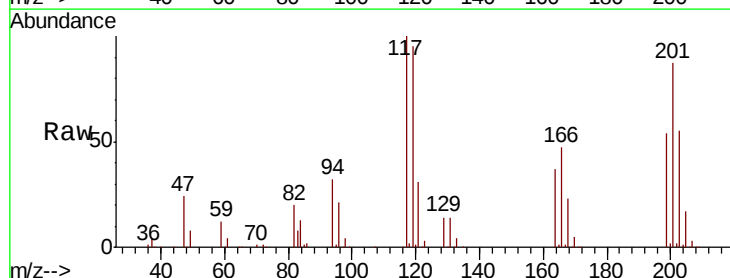
Tgt Ion:117 Resp: 195672

Ion Ratio Lower Upper

117 100

119 94.9 75.0 112.6

201 87.2 79.2 118.8

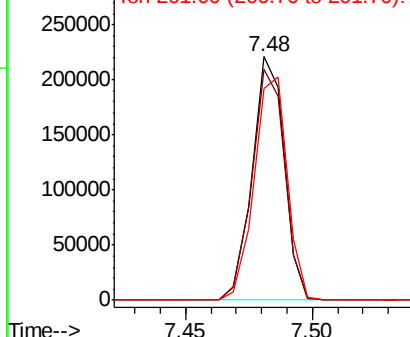


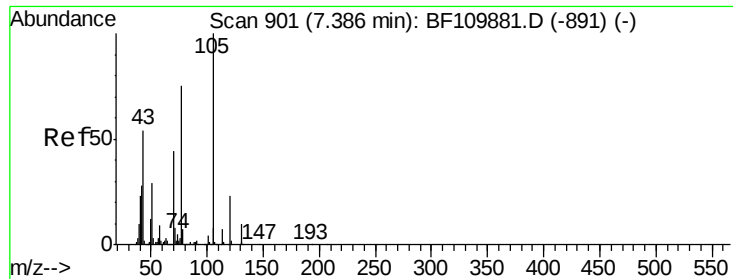
Abundance

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

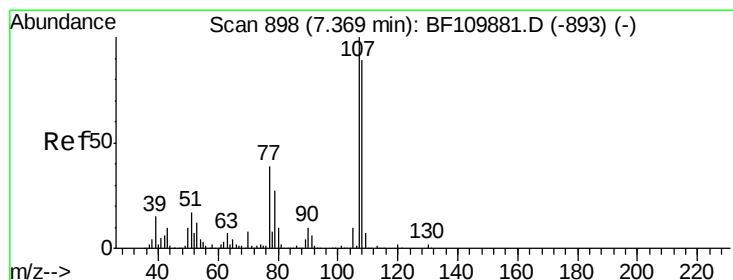
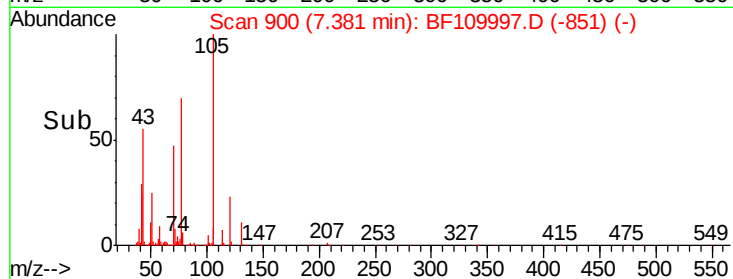
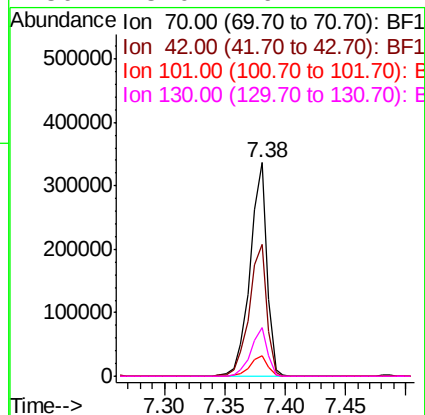
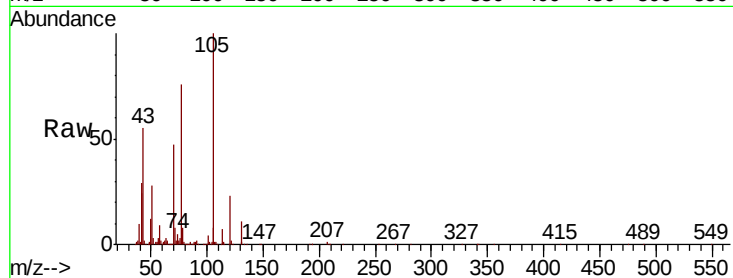




#19
n-Nitroso-di-n-propylamine
Concen: 38.148 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

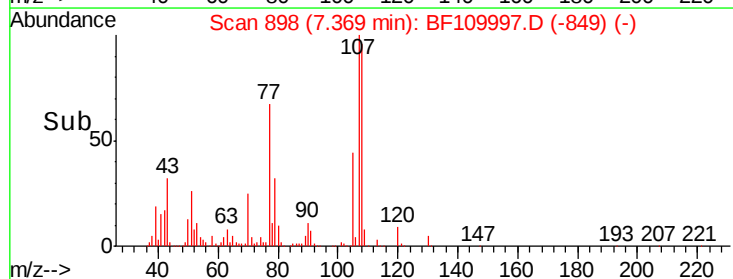
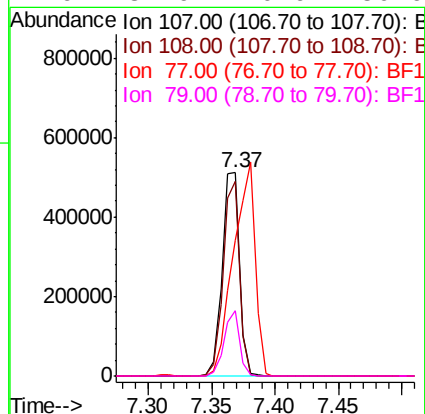
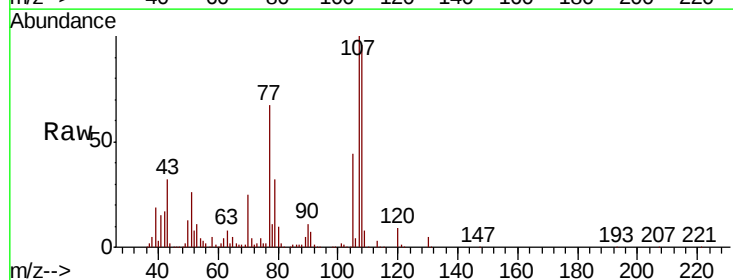
Instrument :
BNA_F
ClientSampleId :

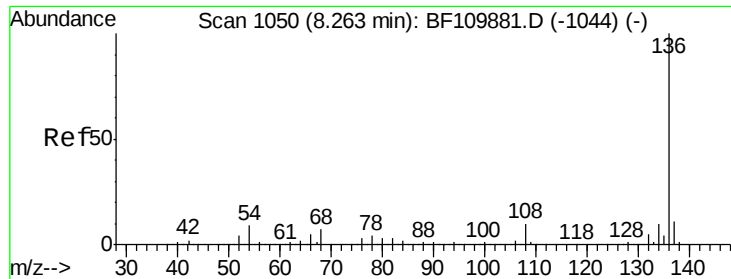
Tot Ion:	70	Resp:	328905
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.5	7.3	10.9
130	23.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.842 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:	107	Resp:	493850
Ion	Ratio	Lower	Upper
107	100		
108	95.6	71.4	111.4
77	66.9	47.3	87.3
79	31.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 720642

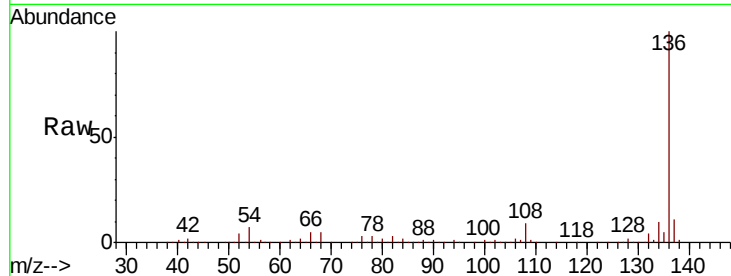
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.4 8.2

68 5.2 4.2 6.2

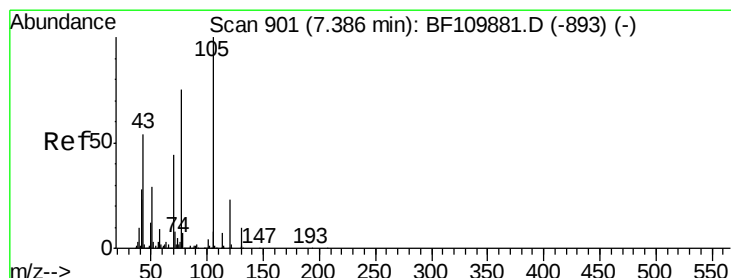
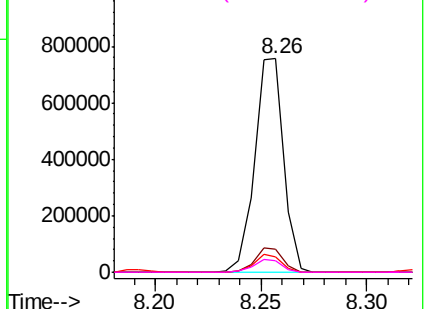
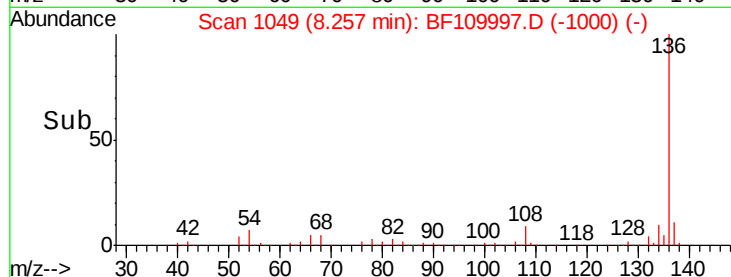


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.503 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:105 Resp: 643465

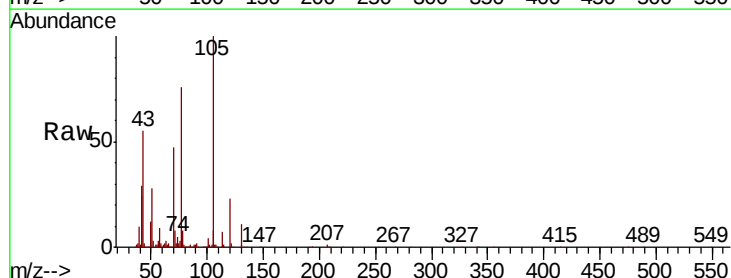
Ion Ratio Lower Upper

105 100

71 7.8 5.2 7.8

51 27.5 21.8 32.8

120 22.6 17.0 25.4

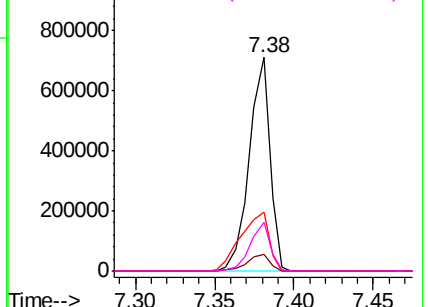
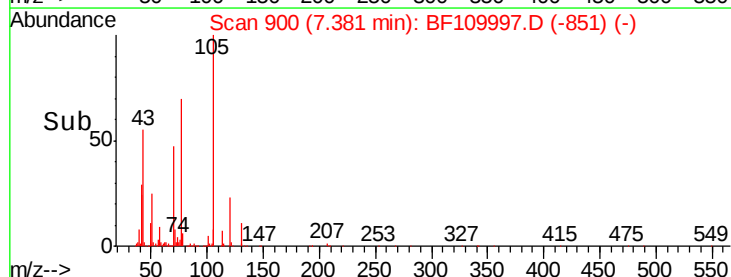


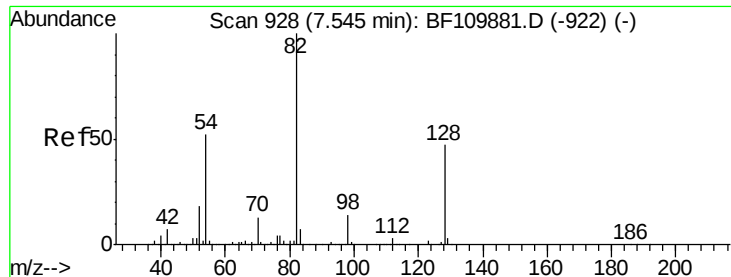
Abundance Ion 105.00 (104.70 to 105.70): E

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

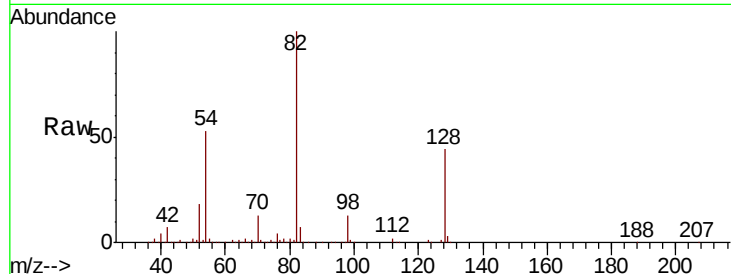




#23
Nitrobenzene-d5
Concen: 88.759 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	949525
Ion Ratio	100	Lower	Upper
128	44.4	34.2	51.2
54	53.1	38.6	58.0

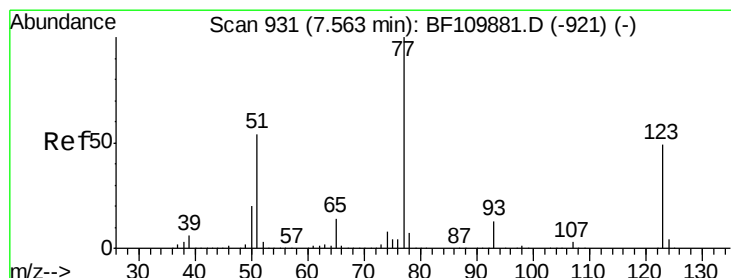
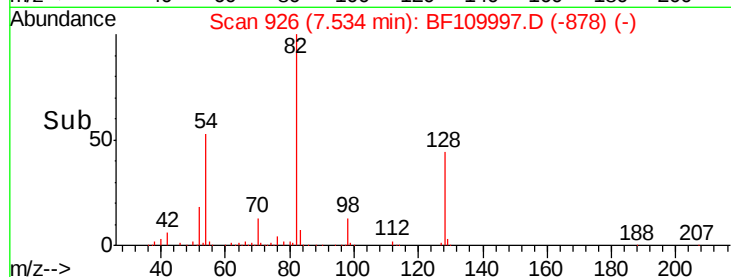
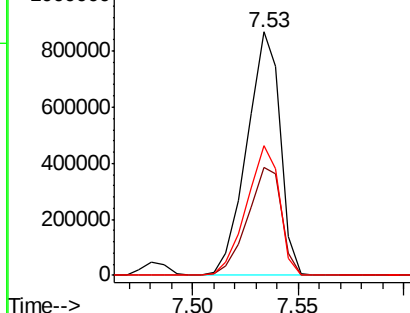


Abundance

Ion 82.00 (81.70 to 82.70): BF1

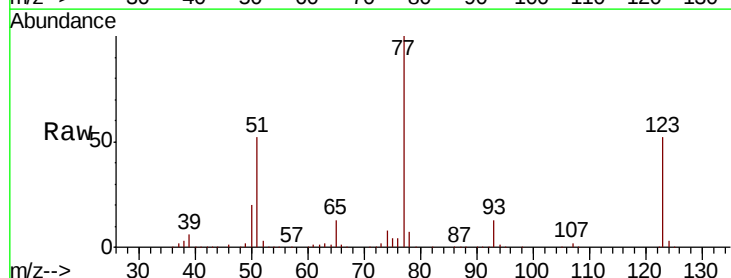
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.667 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	77	Resp	495849
Ion Ratio	100	Lower	Upper
123	51.6	35.7	53.5
65	13.4	10.7	16.1

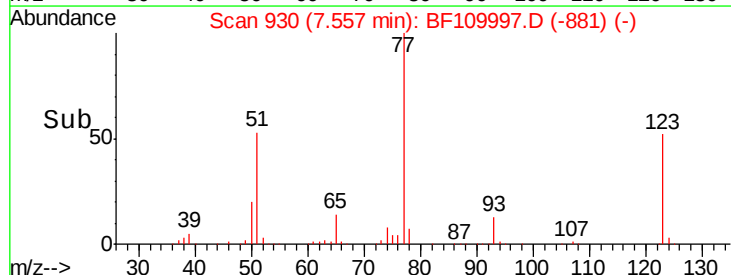
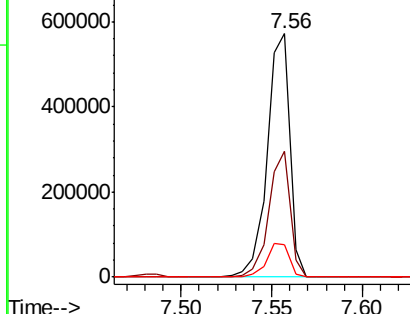


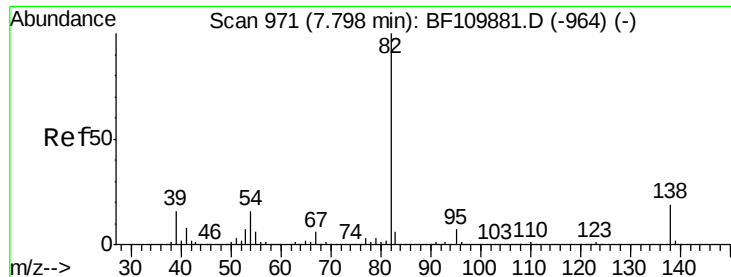
Abundance

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: 37.507 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

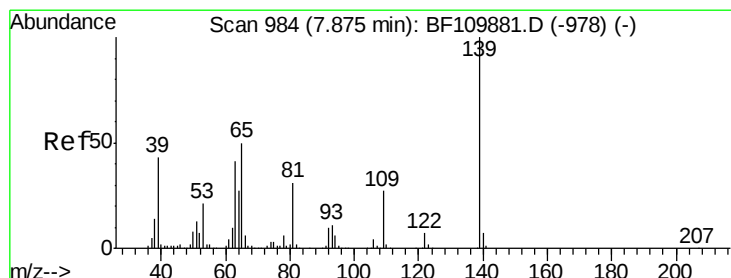
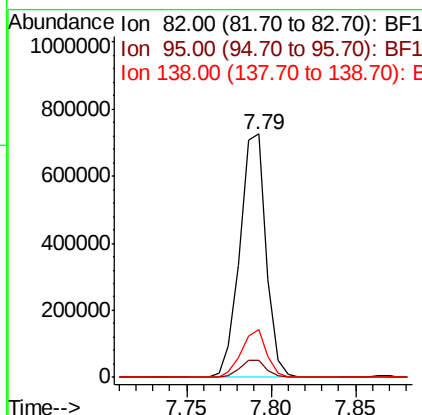
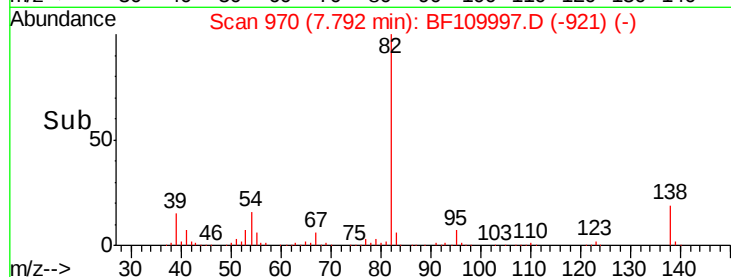
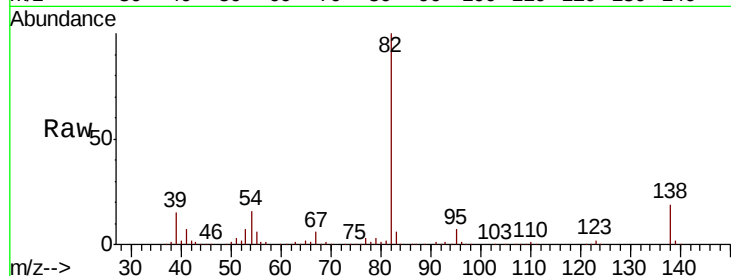
Tot Ion: 82 Resp: 788393

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 19.4 13.2 19.8



#26

2-Nitrophenol

Concen: 50.496 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

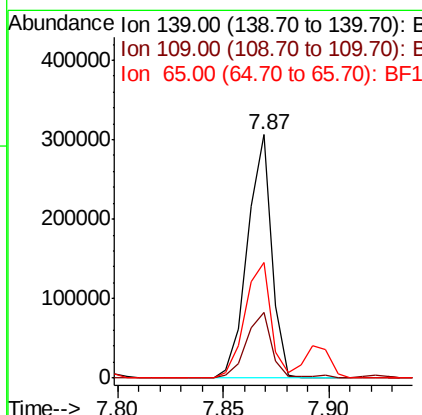
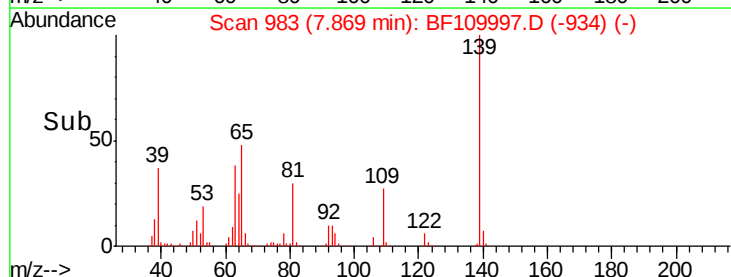
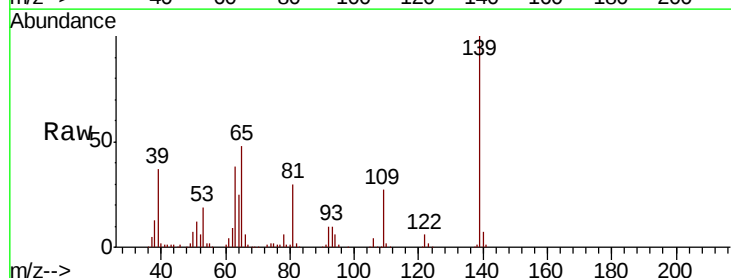
Tgt Ion: 139 Resp: 243314

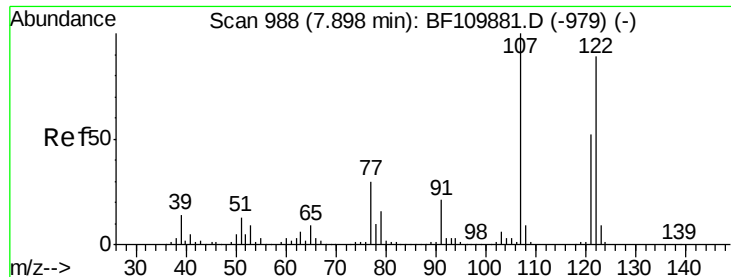
Ion Ratio Lower Upper

139 100

109 27.2 25.0 37.6

65 47.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.448 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

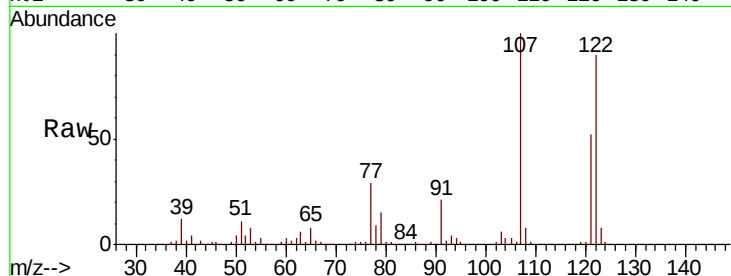
Tot Ion:122 Resp: 389279

Ion Ratio Lower Upper

122 100

107 111.7 92.5 138.7

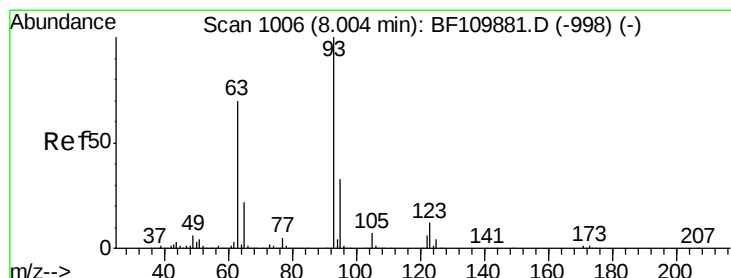
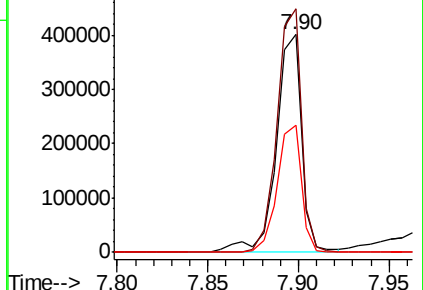
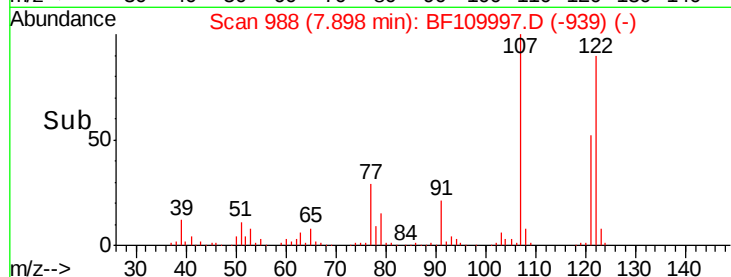
121 58.5 45.8 68.8



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: 38.271 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

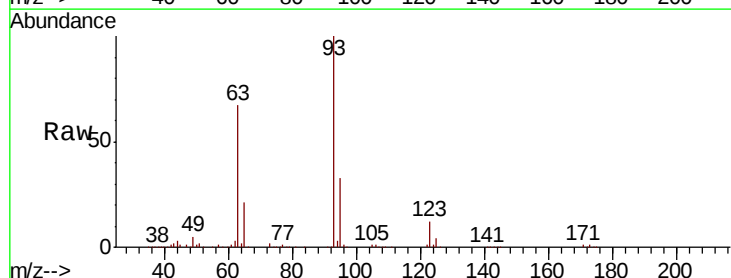
Tgt Ion: 93 Resp: 552096

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

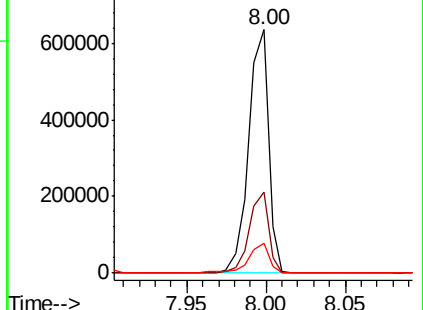
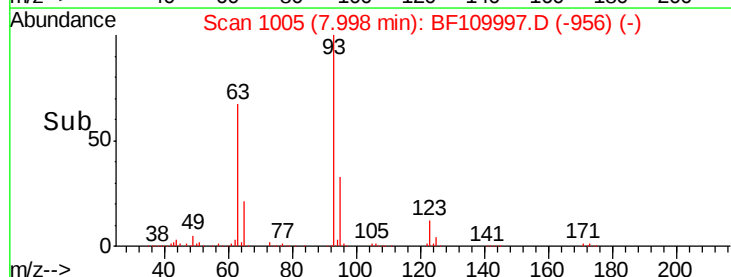
123 12.0 9.0 13.6

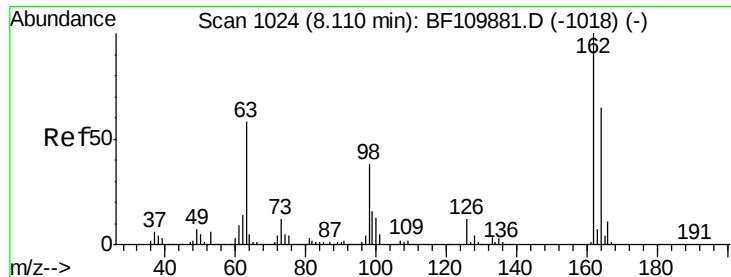


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

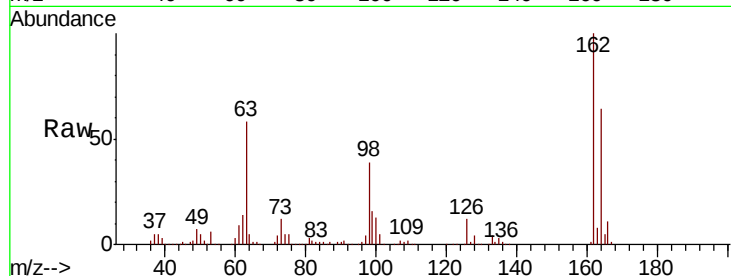




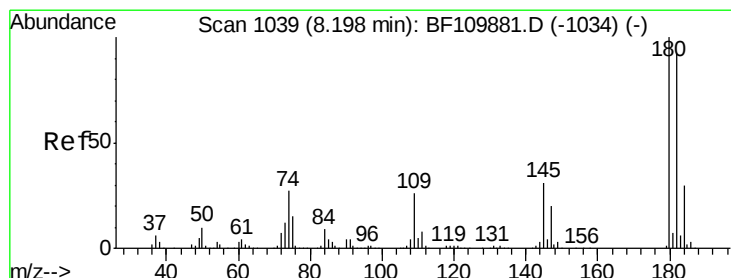
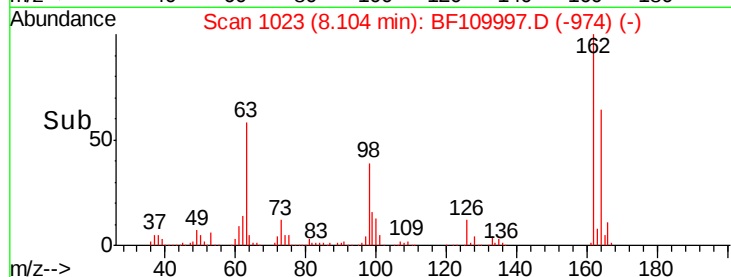
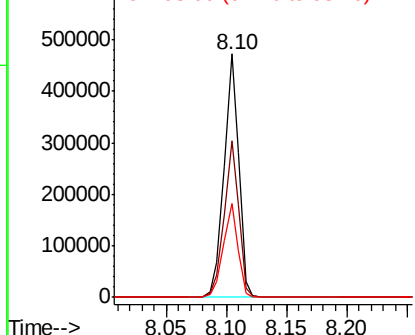
#29
2,4-Dichlorophenol
Concen: 40.655 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	38.7	17.4	57.4

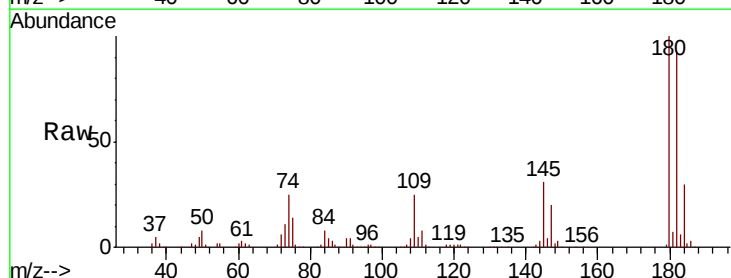


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

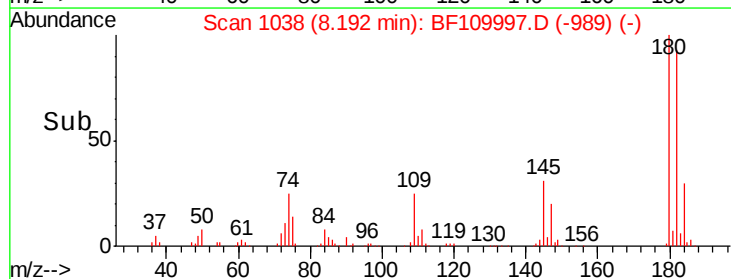
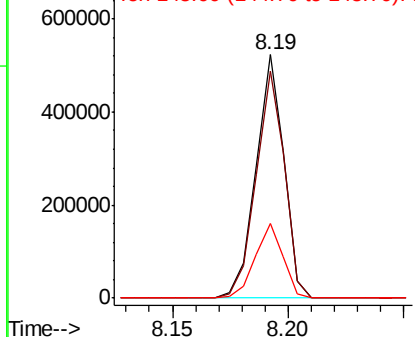


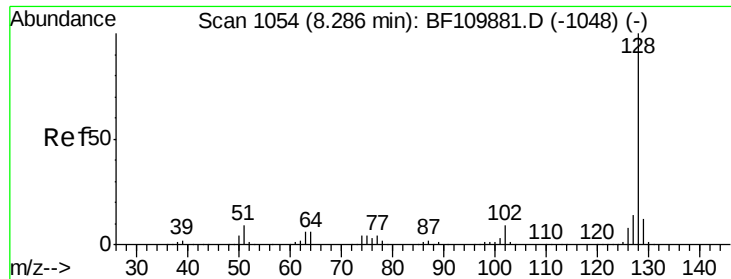
#30
1,2,4-Trichlorobenzene
Concen: 40.103 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	80.3	120.5
145	30.9	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

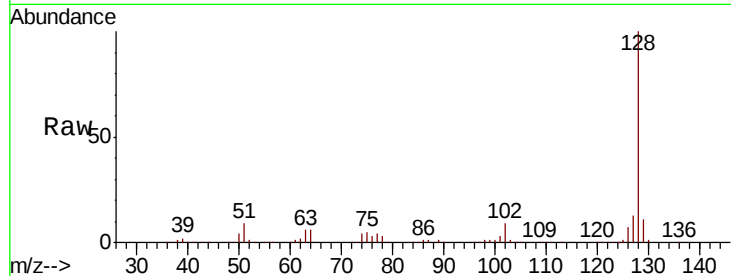




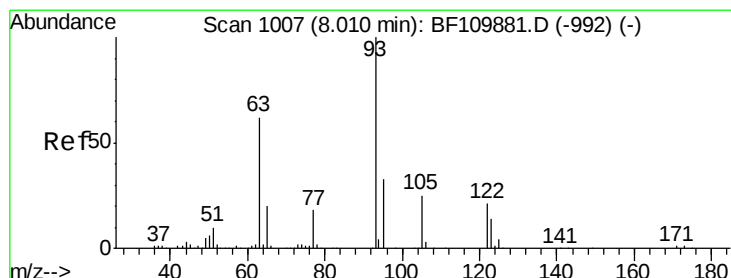
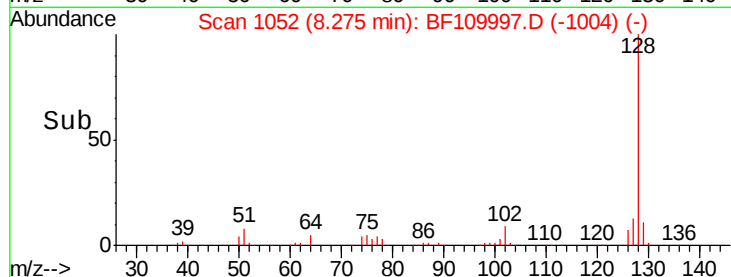
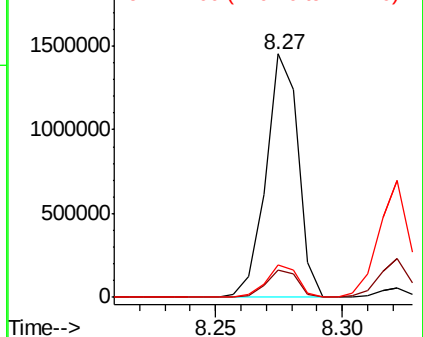
#31
Naphthalene
Concen: 39.067 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1290998
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.8 16.2

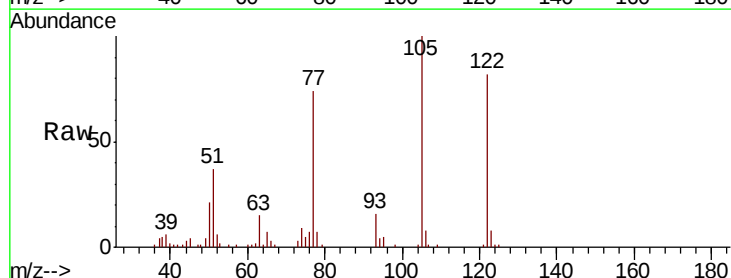


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

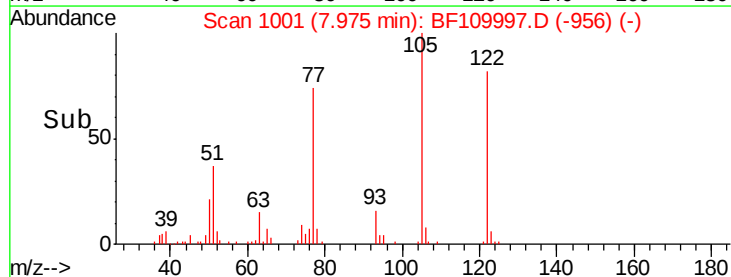
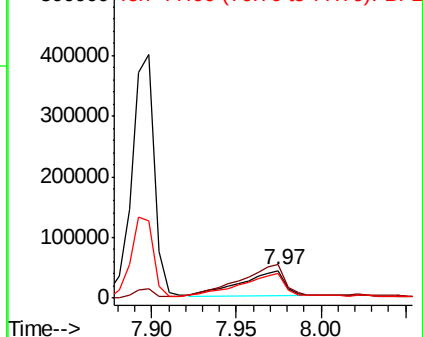


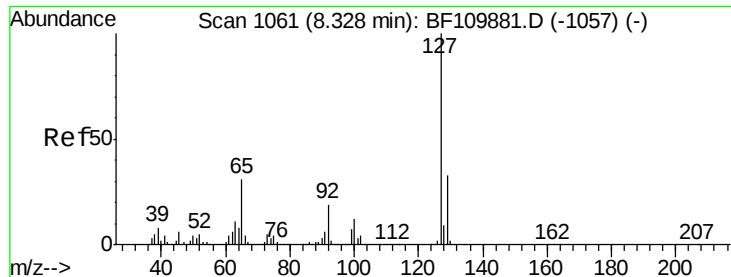
#32
Benzoic acid
Concen: 12.381 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:122 Resp: 78105
Ion Ratio Lower Upper
122 100
105 121.7 109.0 149.0
77 90.2 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

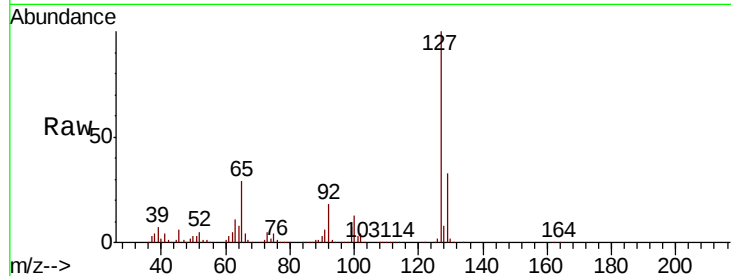




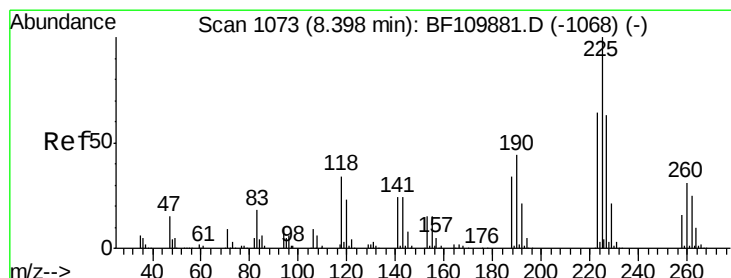
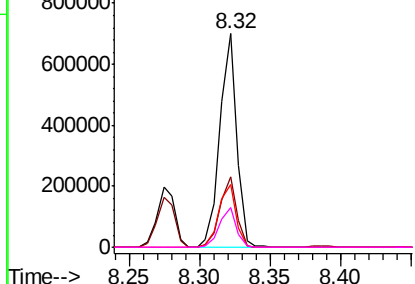
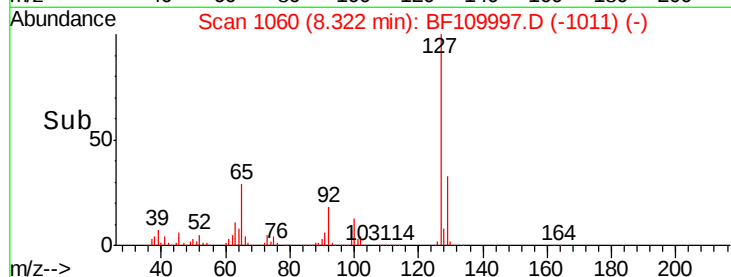
#33
4-Chloroaniline
Concen: 39.255 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	583126
Ion Ratio	Lower	Upper
127	100	
129	33.2	26.0 39.0
65	29.5	25.1 37.7
92	18.3	15.0 22.6

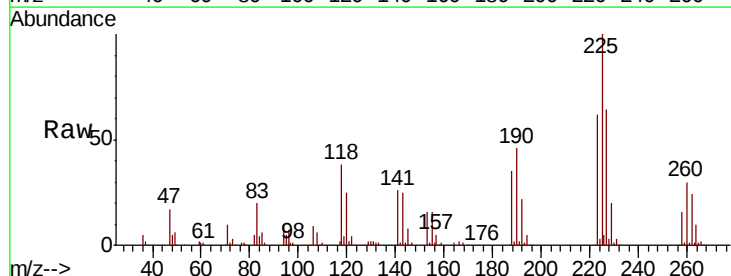


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

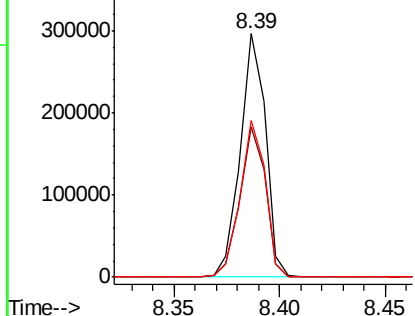
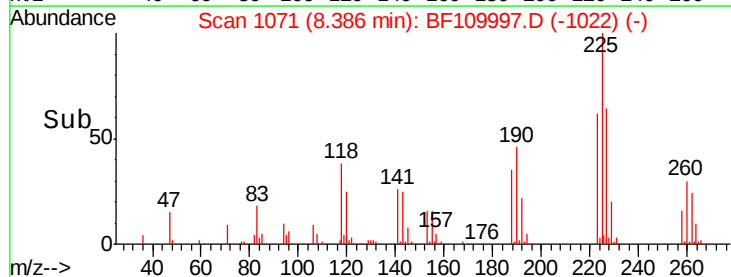


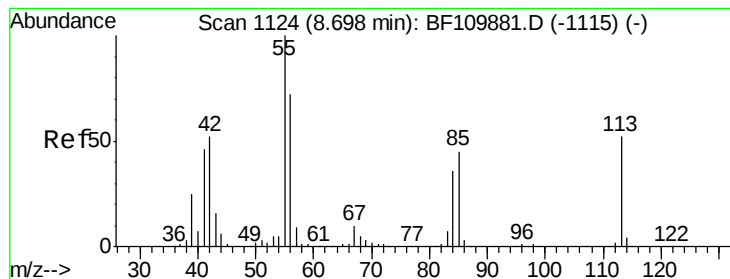
#34
Hexachlorobutadiene
Concen: 40.355 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:225	Resp:	244724
Ion Ratio	Lower	Upper
225	100	
223	61.9	51.4 77.2
227	64.2	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: 35.642 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

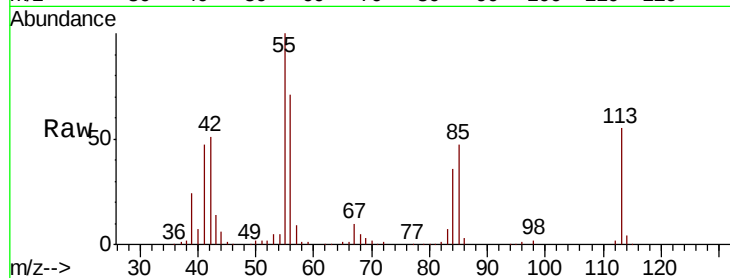
Tot Ion:113 Resp: 124327

Ion Ratio Lower Upper

113 100

55 181.1 142.8 182.8

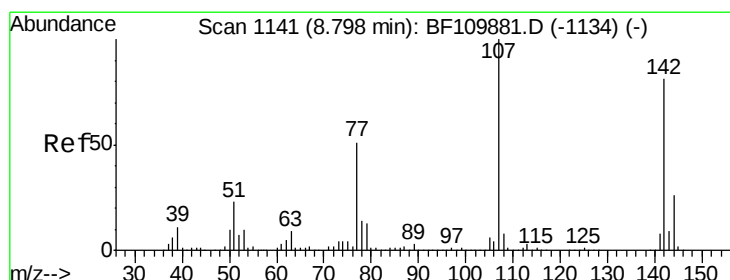
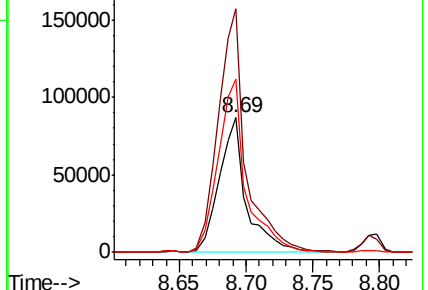
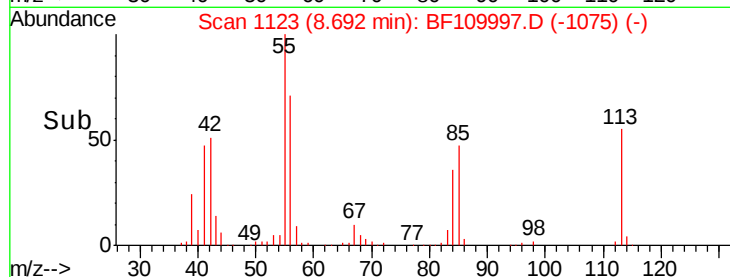
56 128.5 105.0 145.0



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: 40.224 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

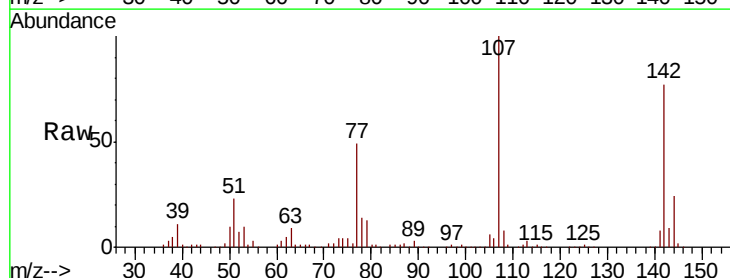
Tgt Ion:107 Resp: 416773

Ion Ratio Lower Upper

107 100

144 24.4 20.0 30.0

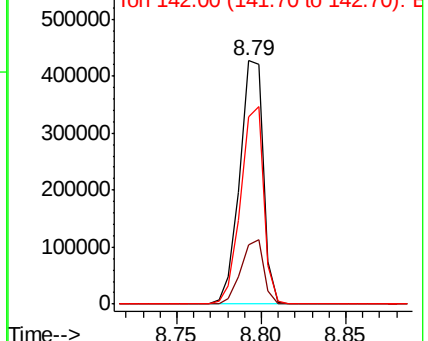
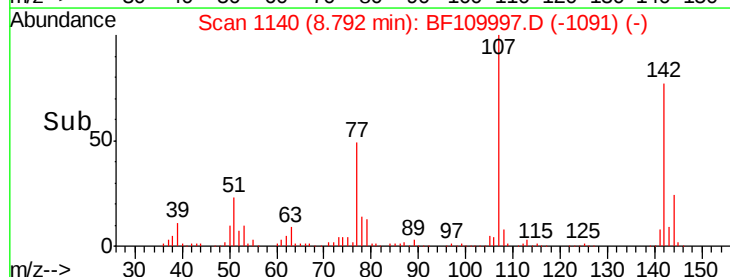
142 77.1 59.7 89.5

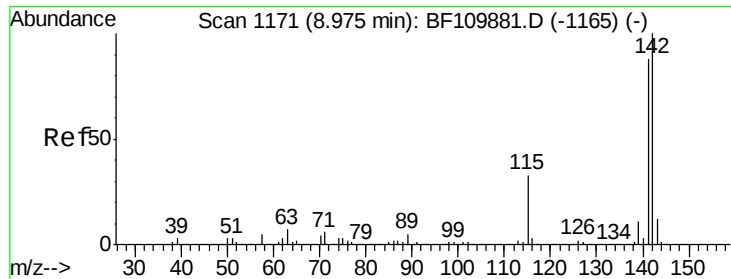


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

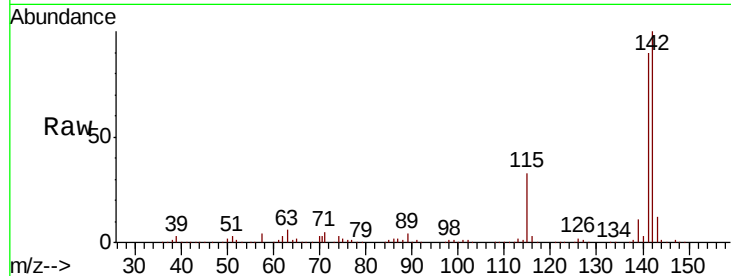




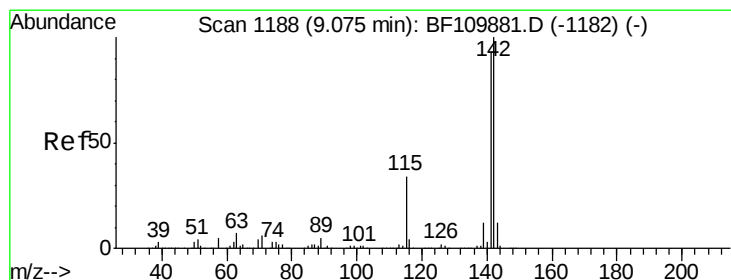
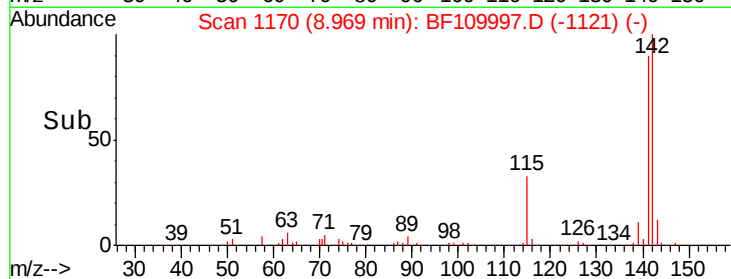
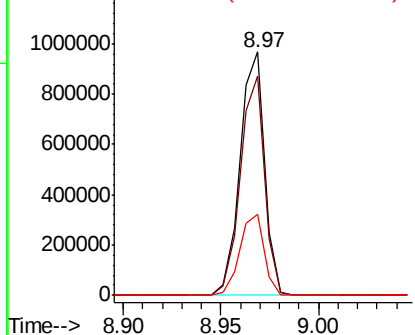
#37
2-Methylnaphthalene
Concen: 39.291 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 840765
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 33.1 28.7 43.1

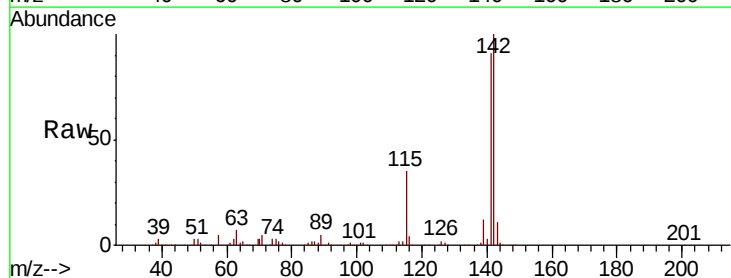


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

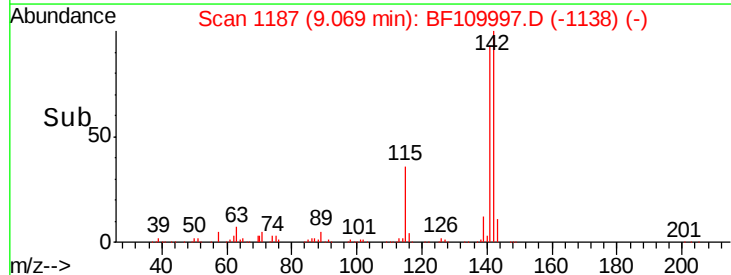
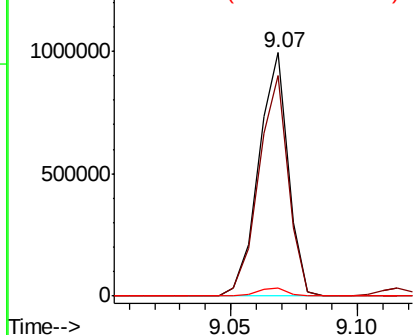


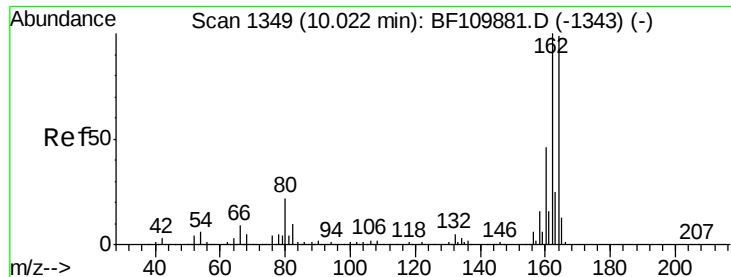
#38
1-Methylnaphthalene
Concen: 39.119 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:142 Resp: 811134
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.5 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# 1348

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

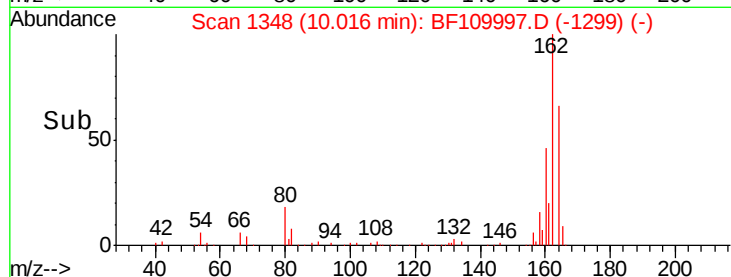
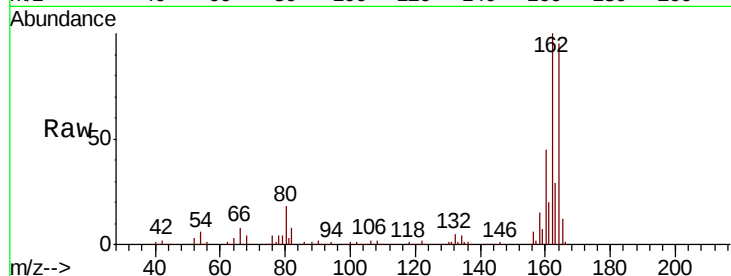
Tot Ion:164 Resp: 331104

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

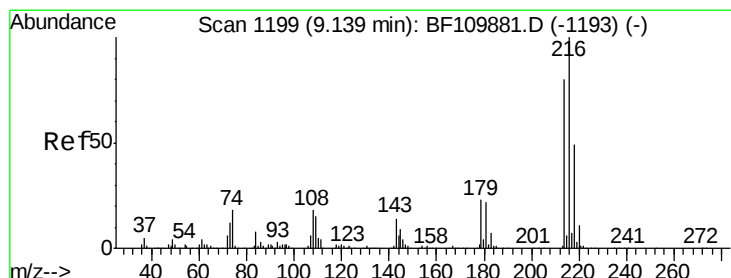
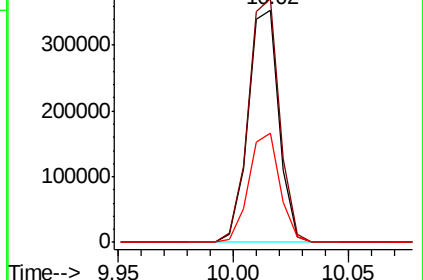
160 47.1 37.0 55.6



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: 40.438 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:216 Resp: 412400

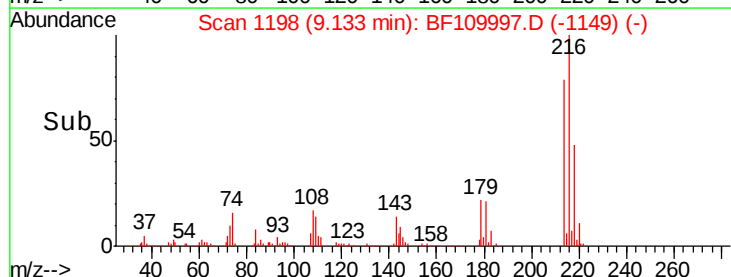
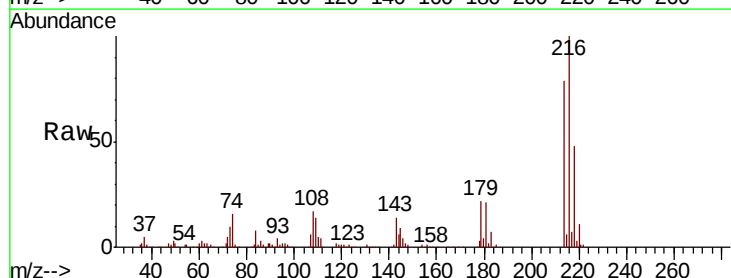
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 22.5 16.6 25.0

108 19.8 15.1 22.7

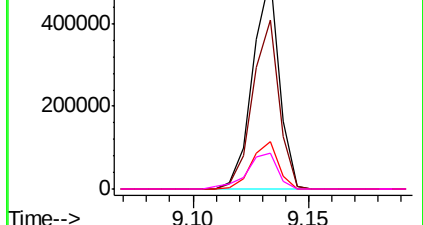


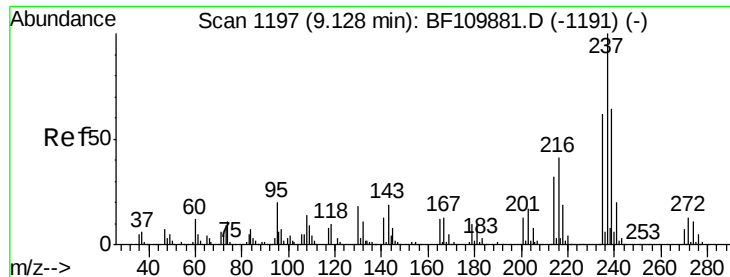
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.526 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

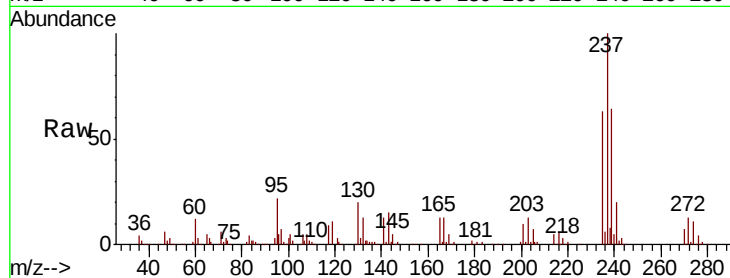
Tot Ion:237 Resp: 214247

Ion Ratio Lower Upper

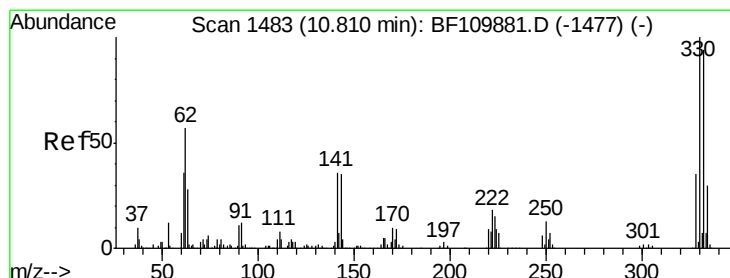
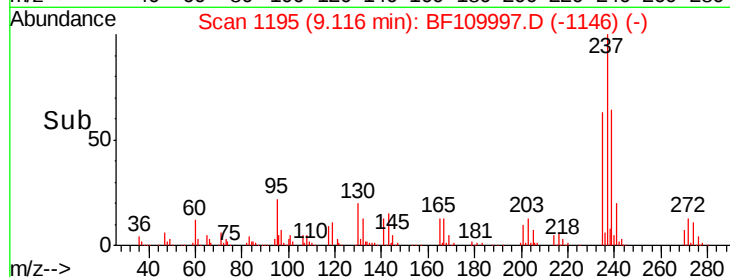
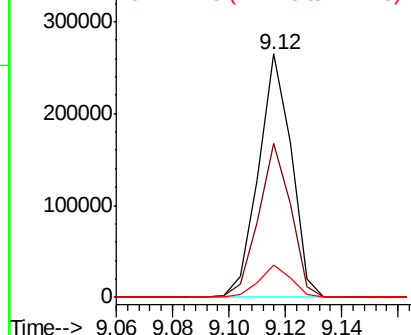
237 100

235 63.2 43.1 83.1

272 13.4 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: 87.074 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

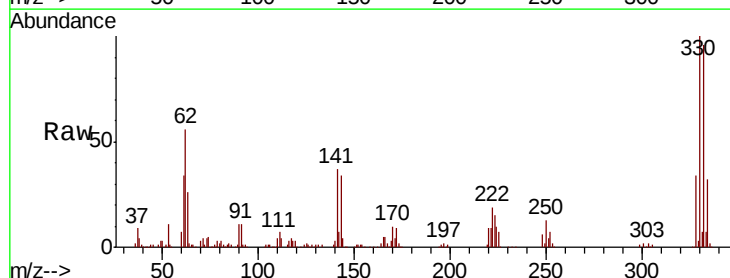
Tgt Ion:330 Resp: 249608

Ion Ratio Lower Upper

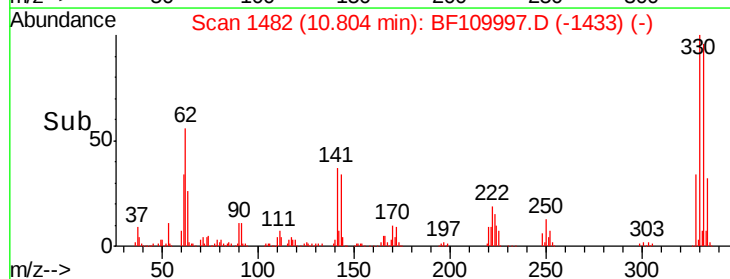
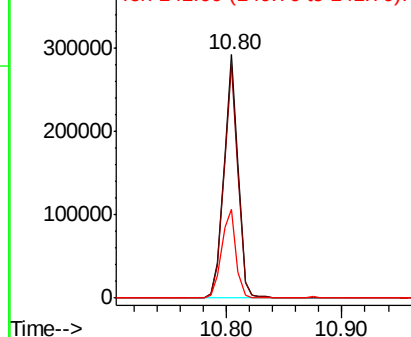
330 100

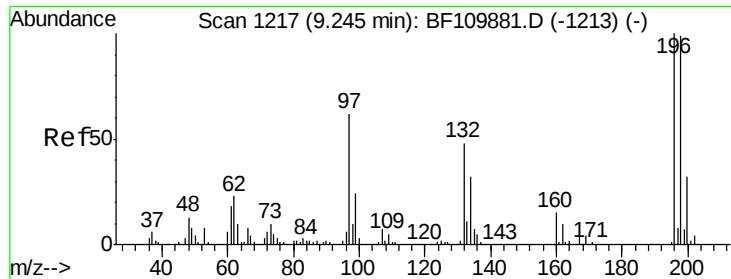
332 95.6 77.1 115.7

141 37.0 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

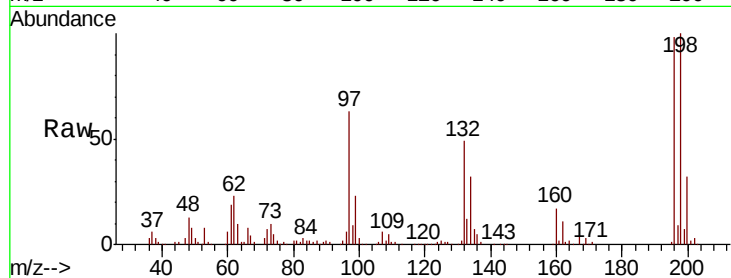




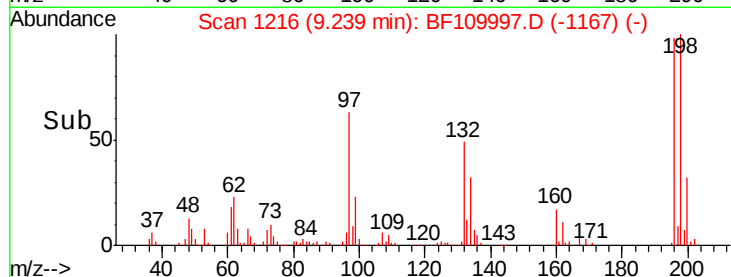
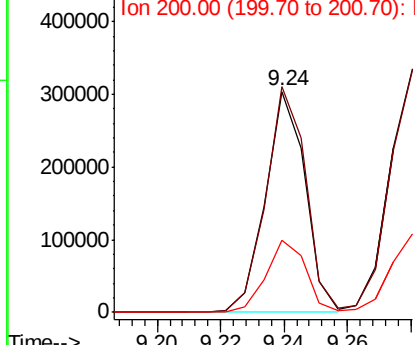
#43
 2,4,6-Trichlorophenol
 Concen: 41.658 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 265651
 Ion Ratio Lower Upper
 196 100
 198 102.0 76.2 114.4
 200 32.6 24.4 36.6



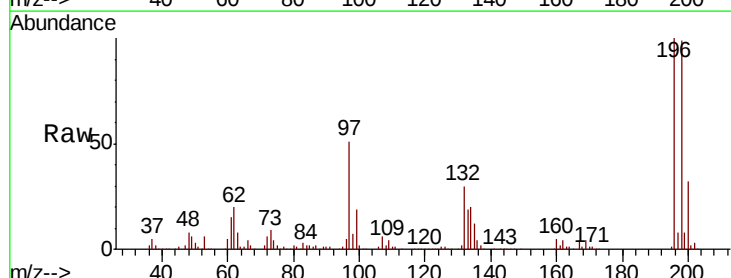
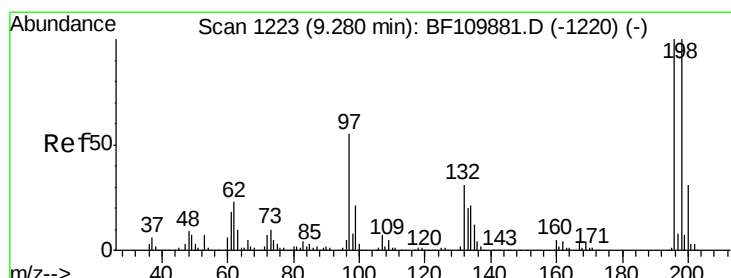
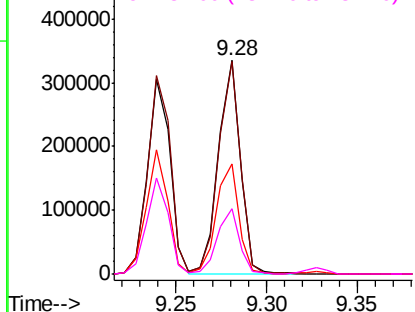
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

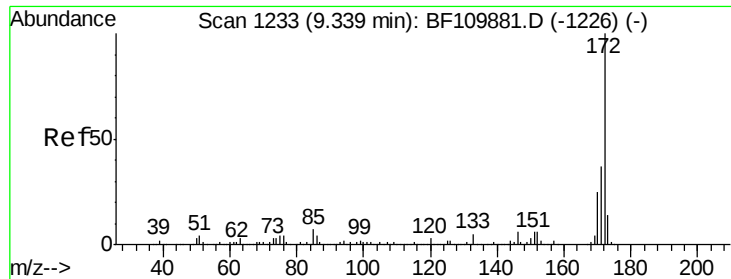


#44
 2,4,5-Trichlorophenol
 Concen: 42.653 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:196 Resp: 282297
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 97 51.4 42.4 63.6
 132 30.4 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

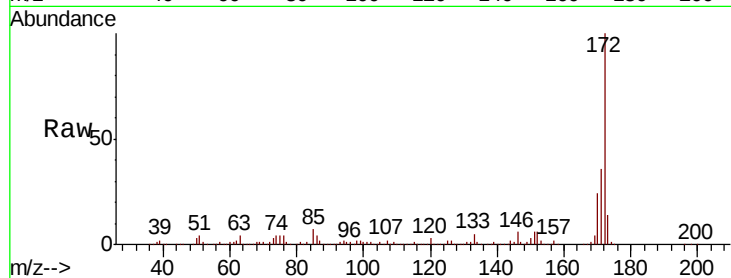




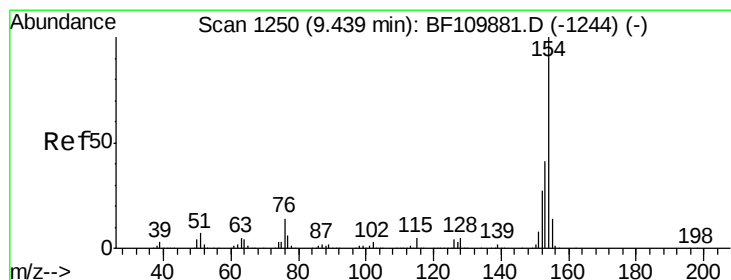
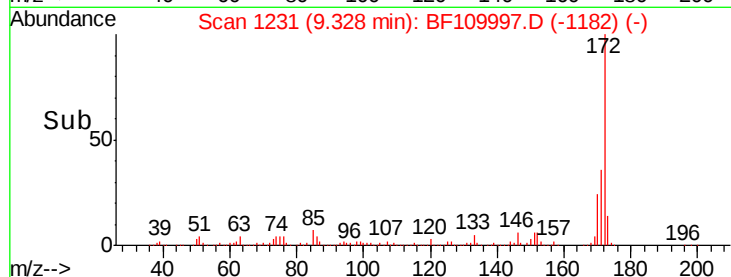
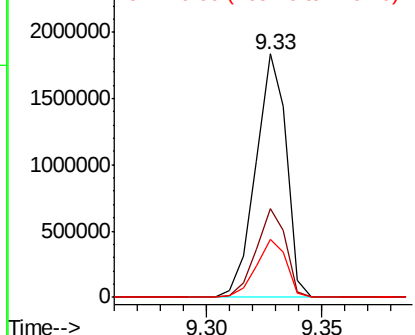
#45
2-Fluorobiphenyl
Concen: 81.916 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1699795
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.0 19.7 29.5

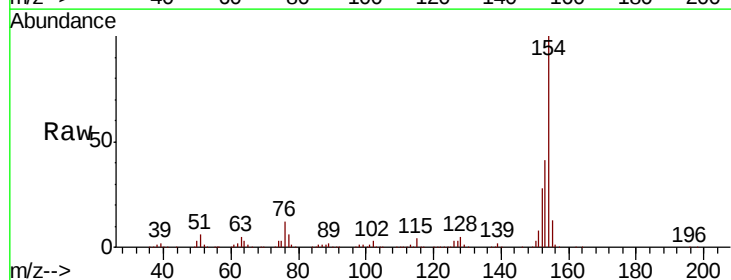


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

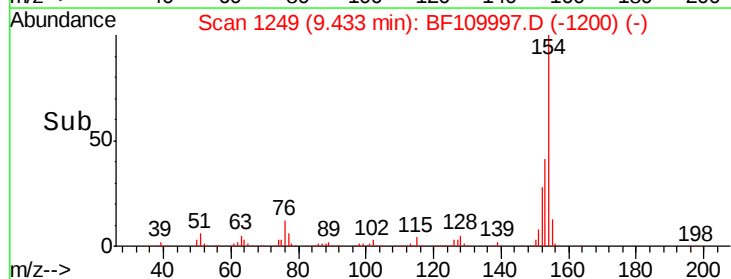
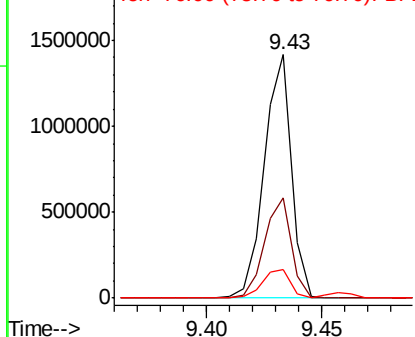


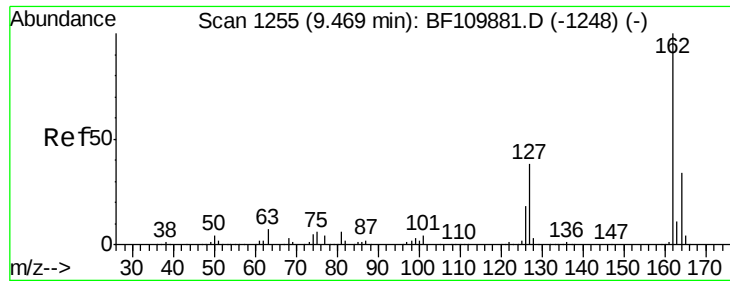
#46
1,1'-Biphenyl
Concen: 39.289 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:154 Resp: 1159039
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 11.6 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

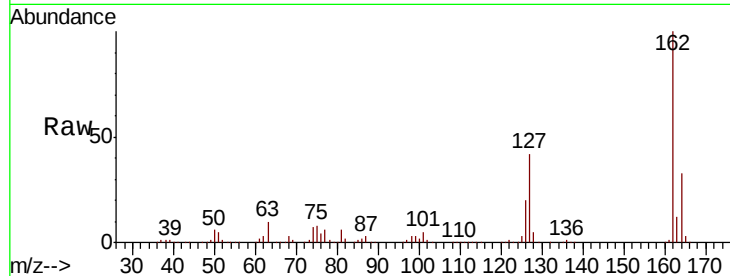




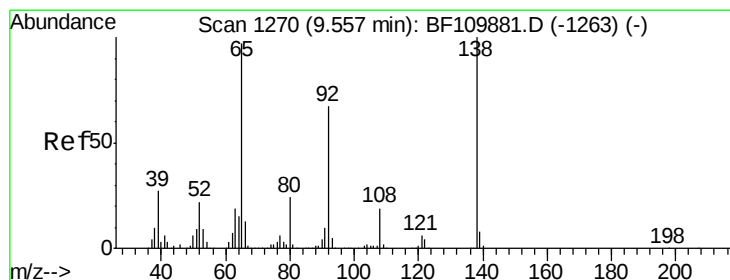
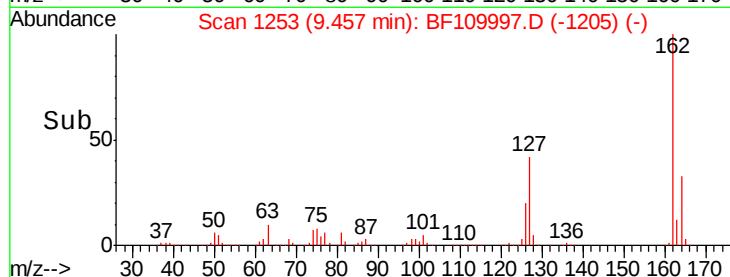
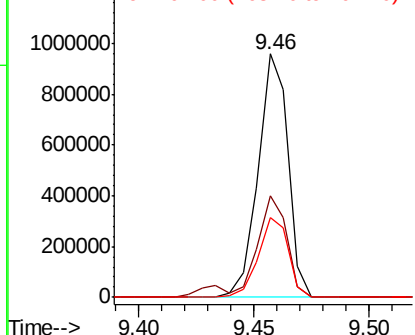
#47
 2-Chloronaphthalene
 Concen: 39.791 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 864643
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.6 48.8
 164 33.0 25.9 38.9

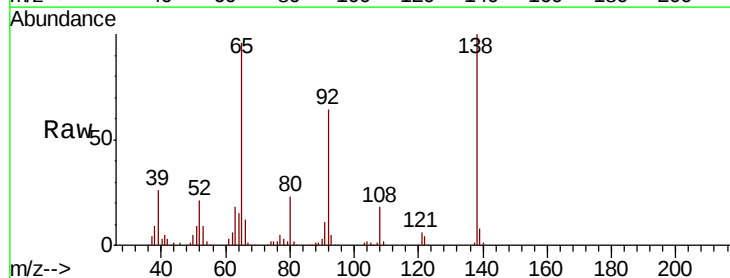


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

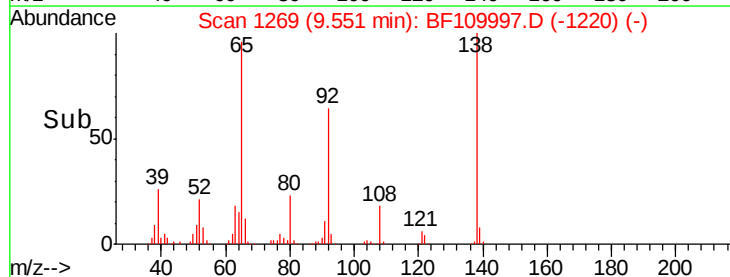
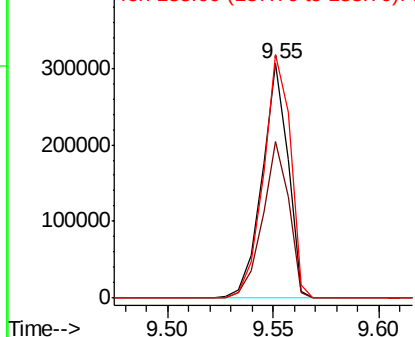


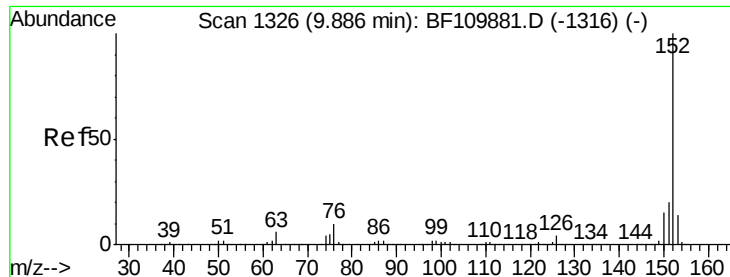
#48
 2-Nitroaniline
 Concen: 46.780 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion: 65 Resp: 260869
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 103.9 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: 39.484 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

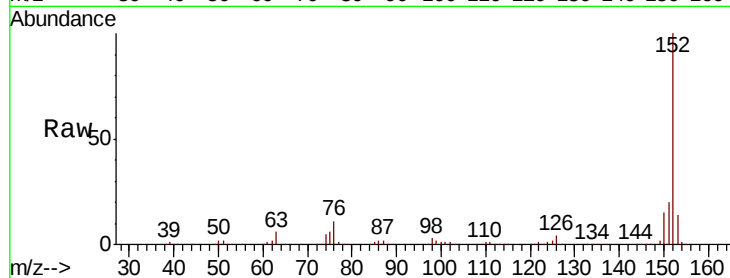
Tot Ion:152 Resp: 1246407

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

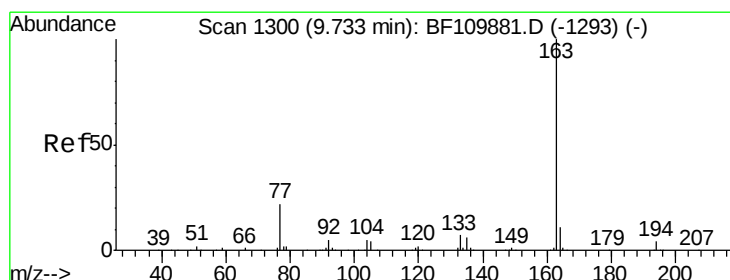
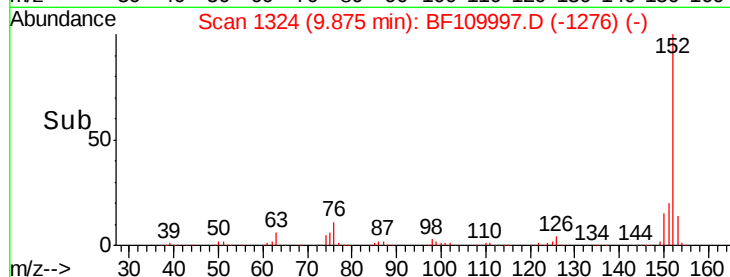
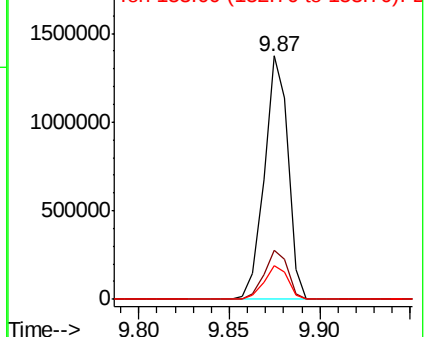
153 13.9 10.4 15.6



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: 39.554 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

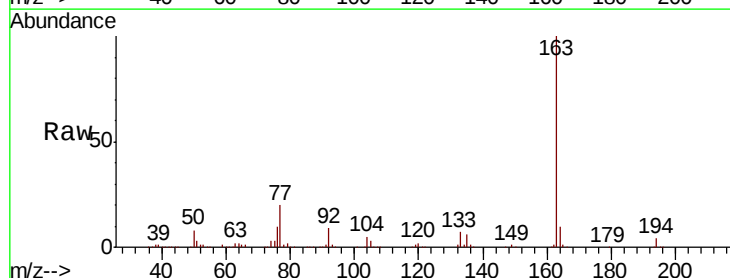
Tgt Ion:163 Resp: 927351

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

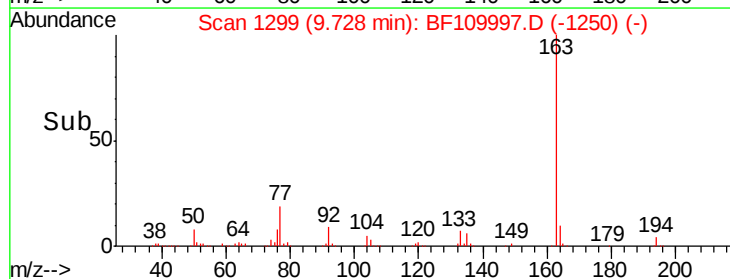
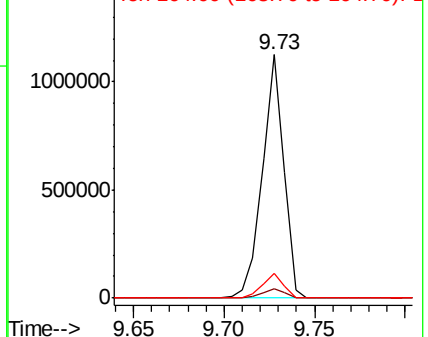
164 10.2 8.1 12.1

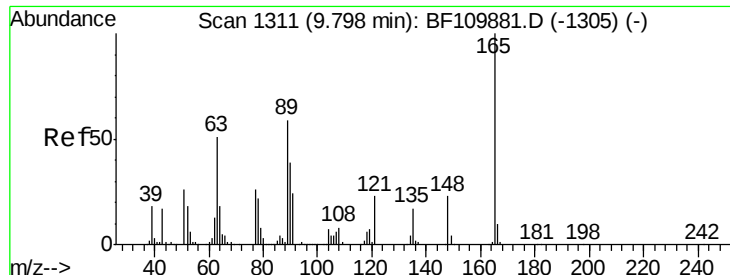


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

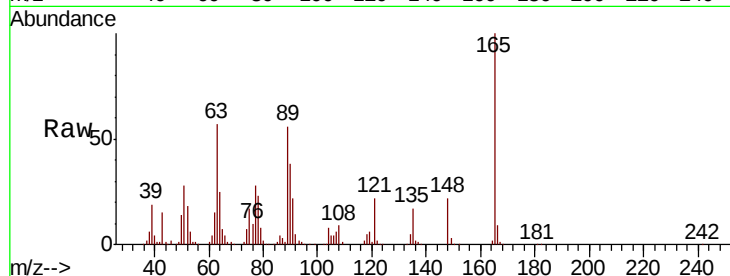




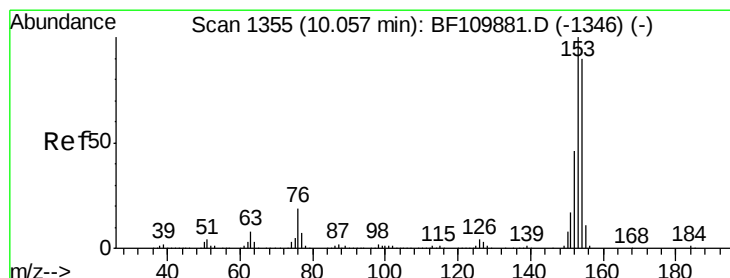
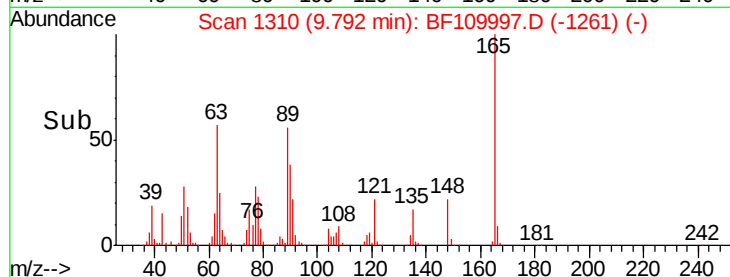
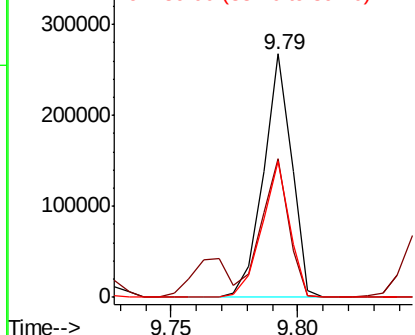
#51
2,6-Dinitrotoluene
Concen: 46.683 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 207882
Ion Ratio Lower Upper
165 100
63 57.0 48.9 73.3
89 56.1 46.6 69.8

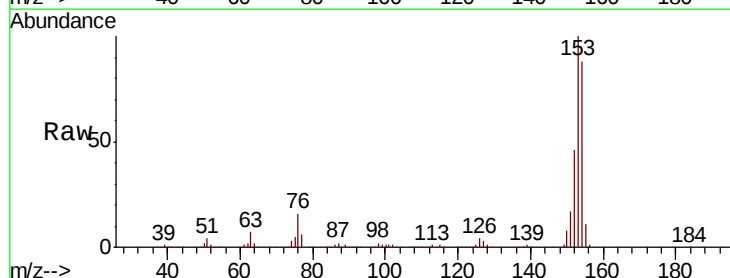


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

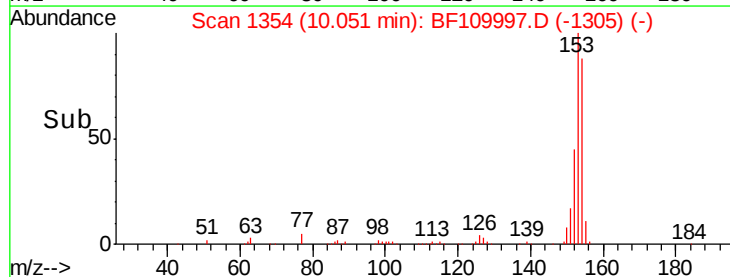
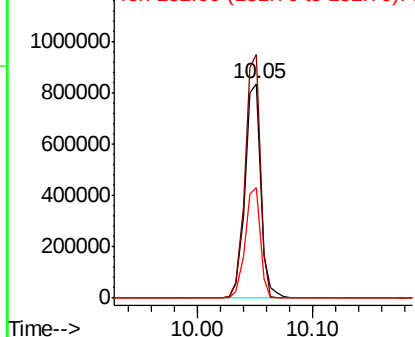


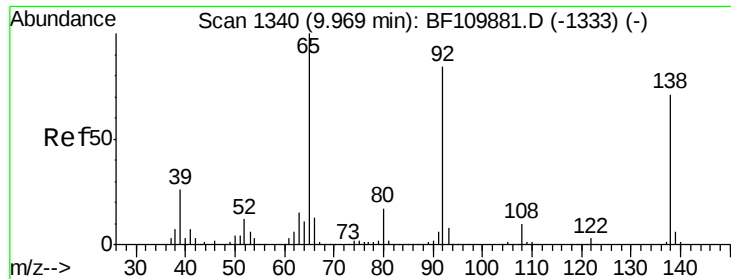
#52
Acenaphthene
Concen: 39.545 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:154 Resp: 794742
Ion Ratio Lower Upper
154 100
153 113.4 90.1 135.1
152 51.6 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

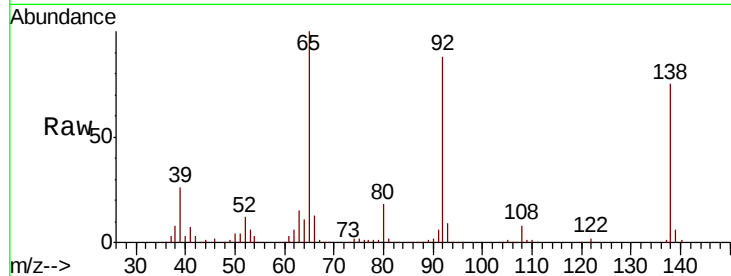




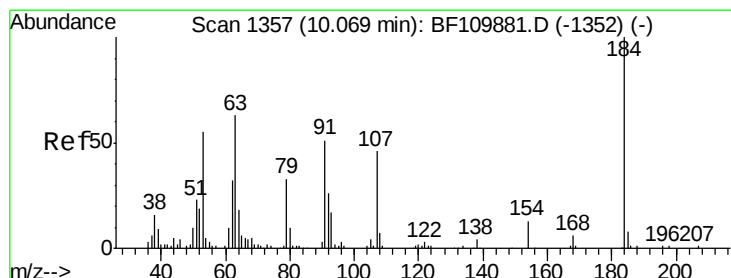
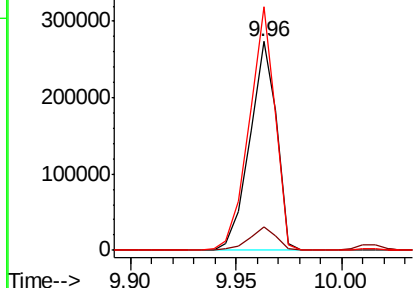
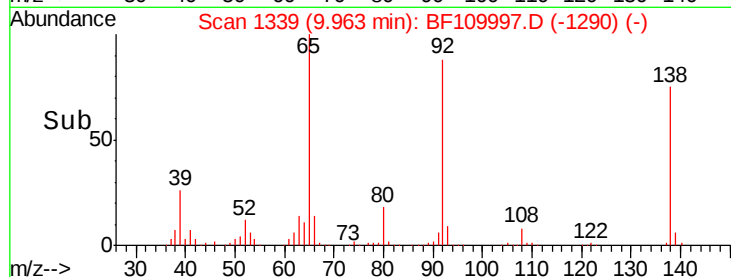
#53
3-Nitroaniline
Concen: 44.565 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 241400
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 116.8 97.0 145.4

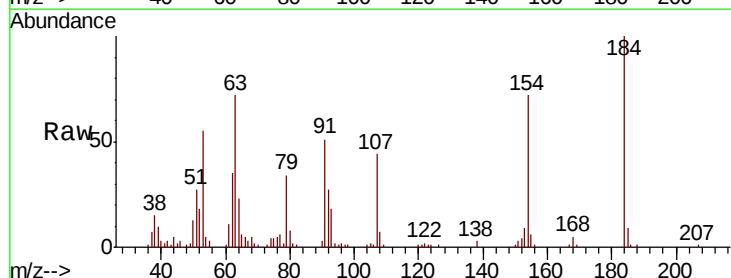


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

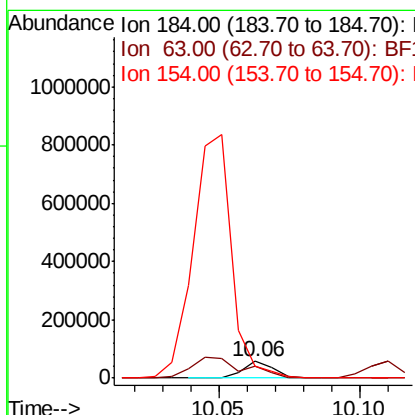
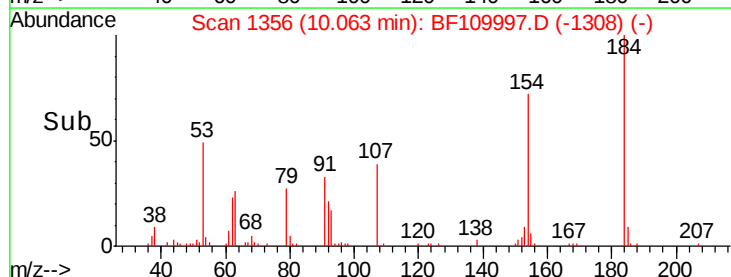


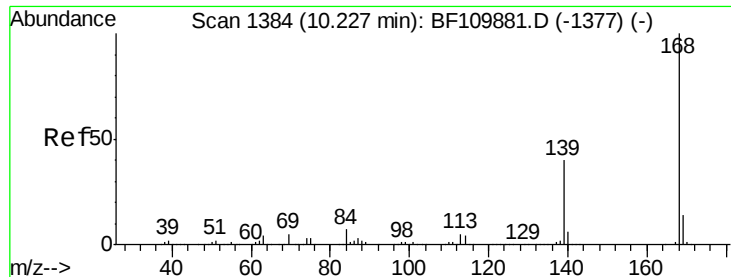
#54
2,4-Dinitrophenol
Concen: 35.850 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:184 Resp: 43007
Ion Ratio Lower Upper
184 100
63 71.8 55.8 83.6
154 71.6 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

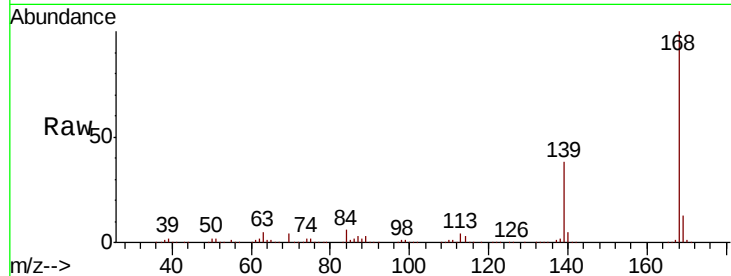




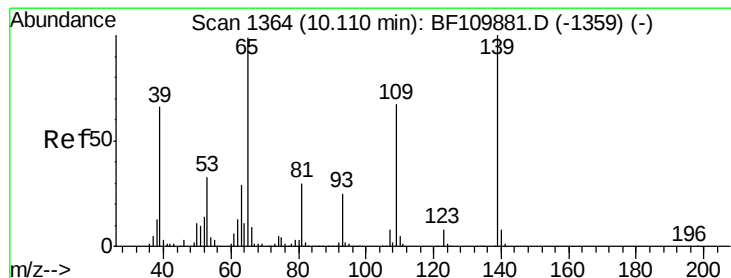
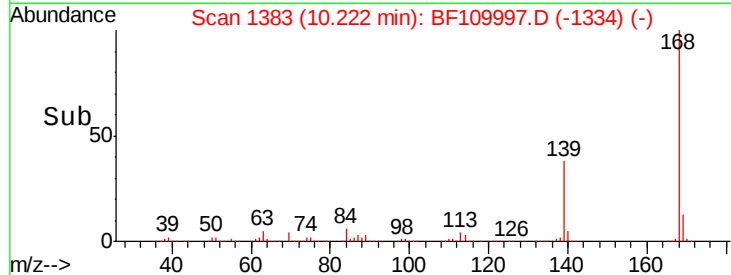
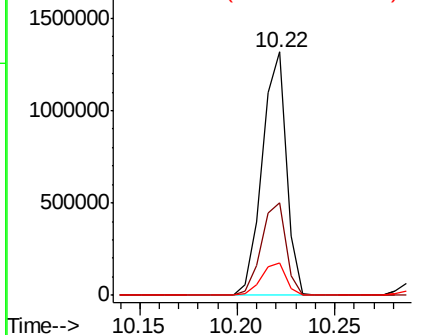
#55
Dibenzenofuran
Concen: 39.527 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1132906
Ion Ratio Lower Upper
168 100
139 38.1 33.0 49.6
169 13.1 11.3 16.9

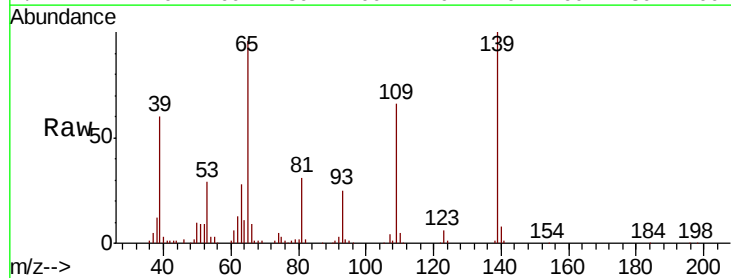


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

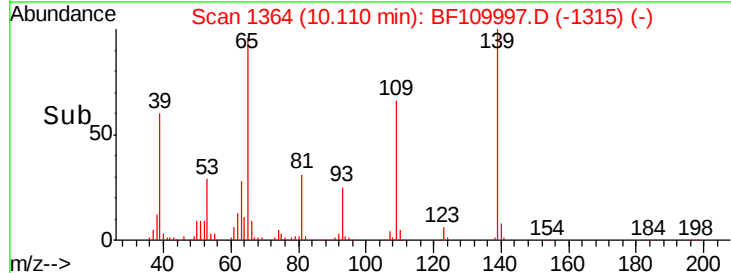
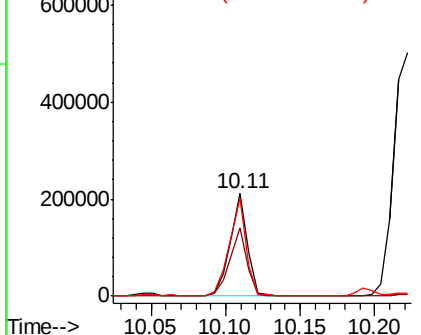


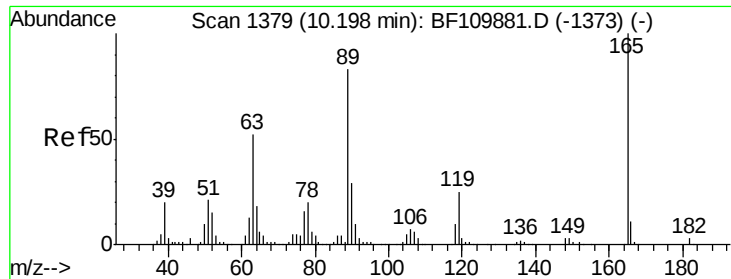
#56
4-Nitrophenol
Concen: 42.439 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:139 Resp: 175410
Ion Ratio Lower Upper
139 100
109 66.5 55.8 95.8
65 96.0 77.9 117.9



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

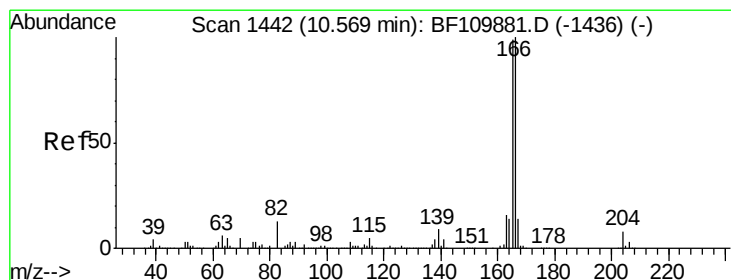
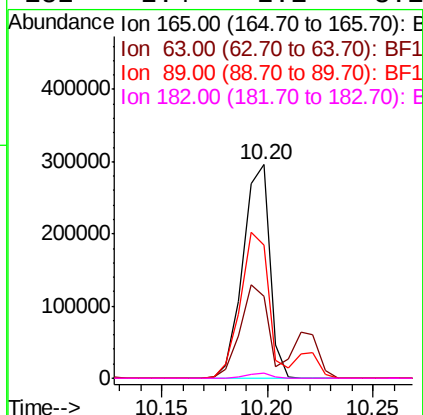
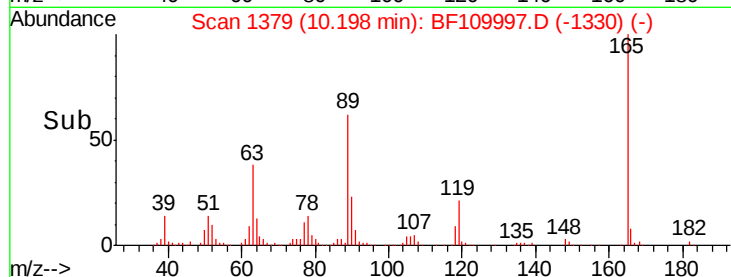
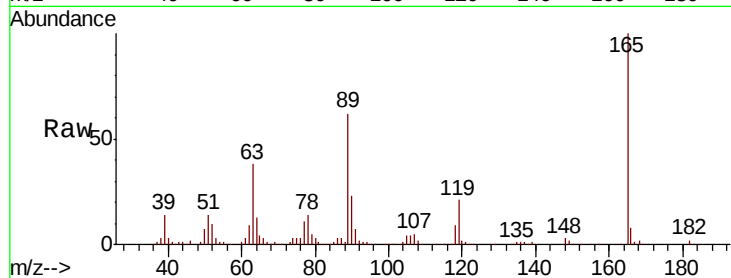




#57
2,4-Dinitrotoluene
Concen: 46.666 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

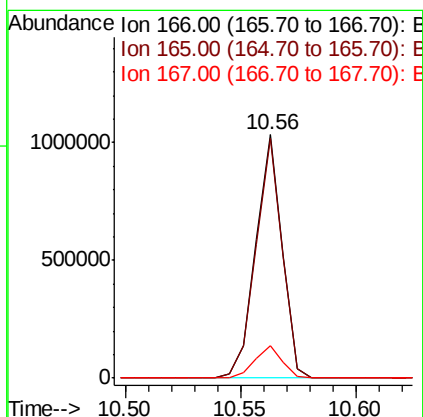
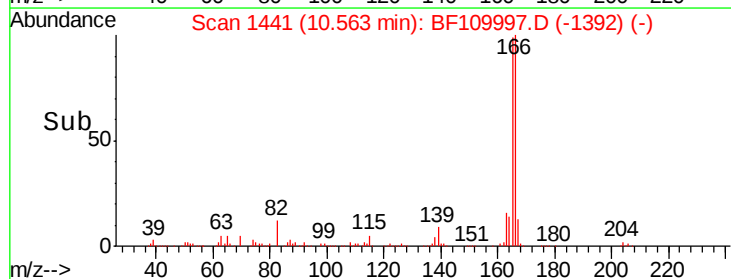
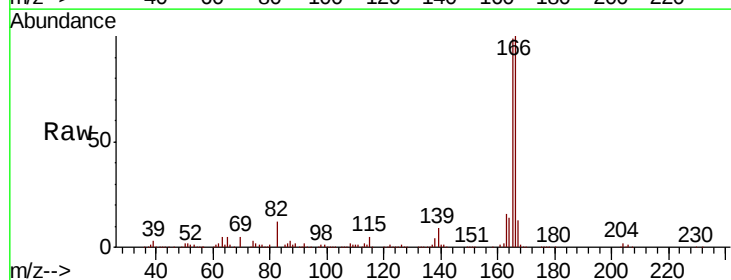
Instrument :
BNA_F
ClientSampleId :

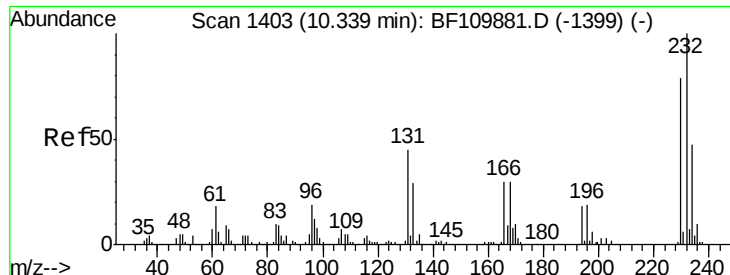
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	44.8	67.2#
89	62.4	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 39.641 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.5	10.8	16.2

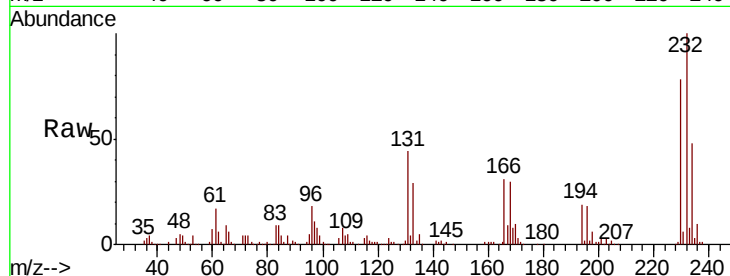




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.508 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0



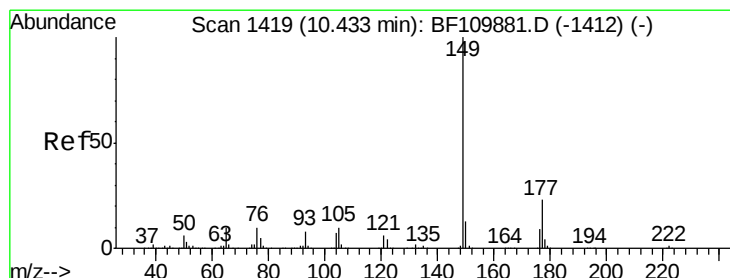
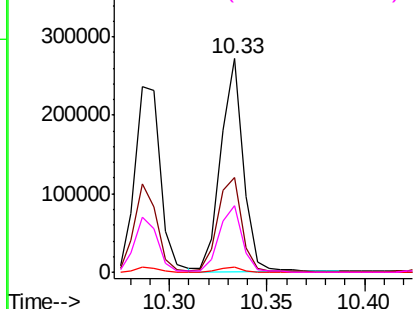
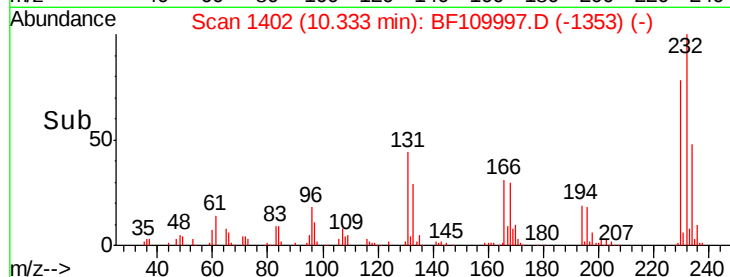
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

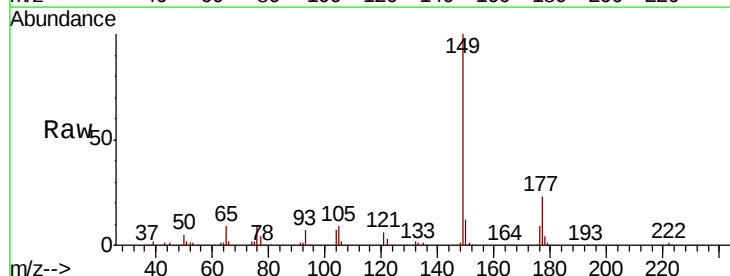
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.017 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.2
150	12.4	9.8	14.8

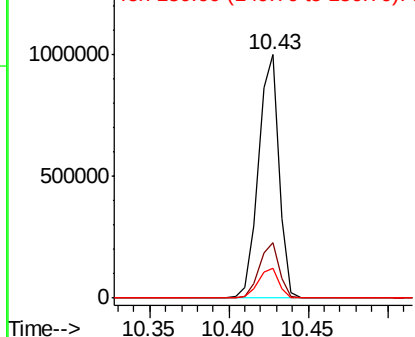
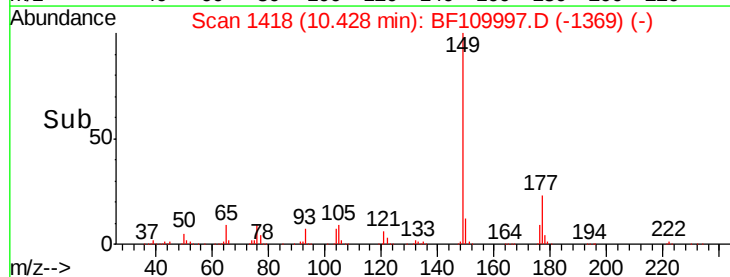


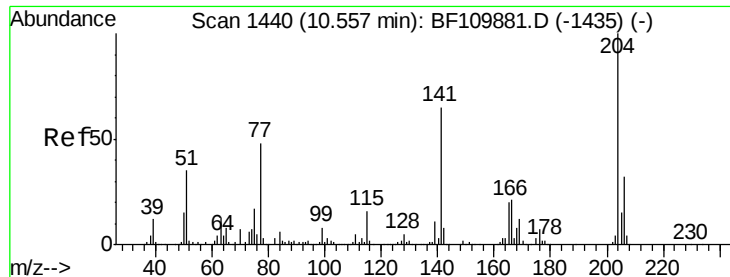
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

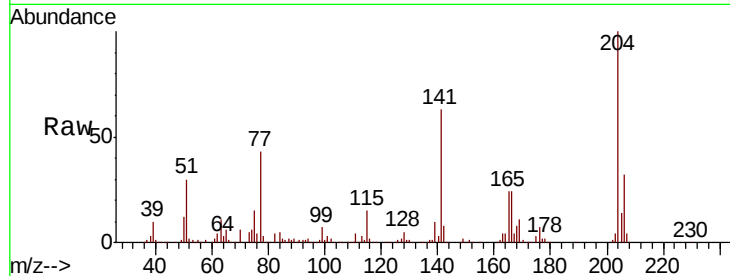




#61
4-Chlorophenyl-phenylether
Concen: 40.742 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	63.0	51.8	77.8

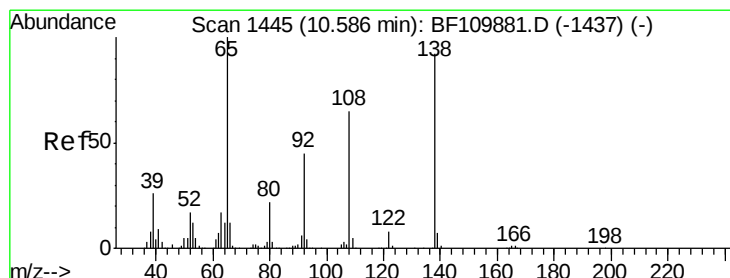
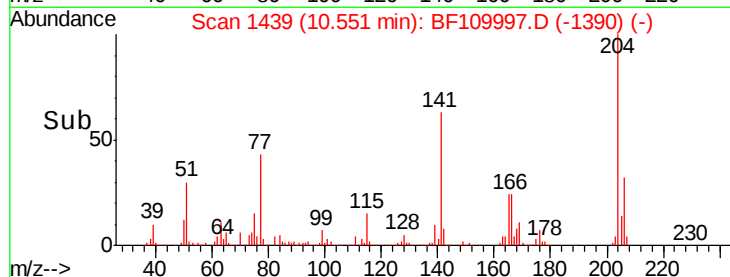
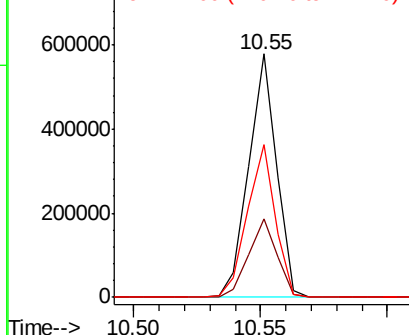


Abundance

Ion 204.00 (203.70 to 204.70): E

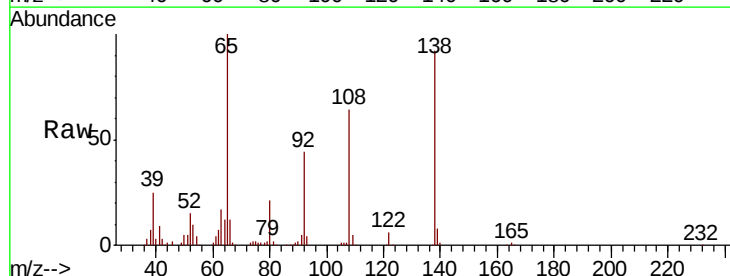
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.668 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	31.7	71.7
108	69.6	59.3	99.3

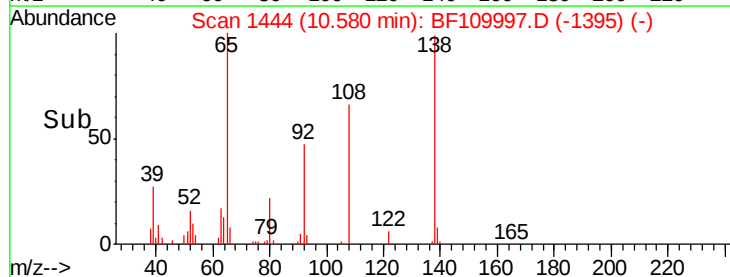
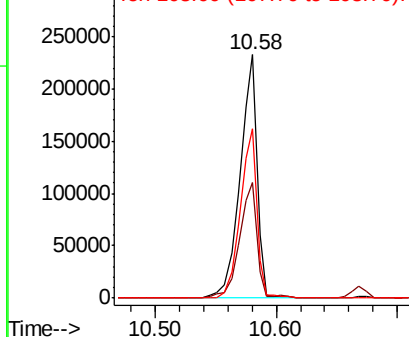


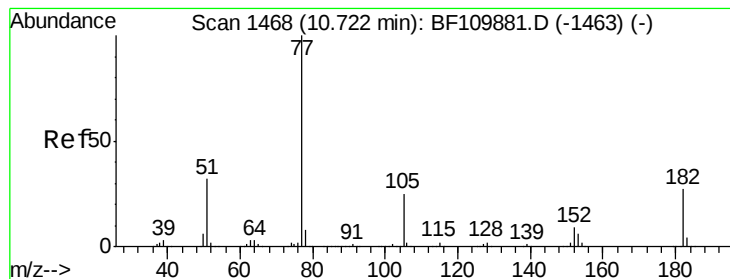
Abundance

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: 37.507 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 907334

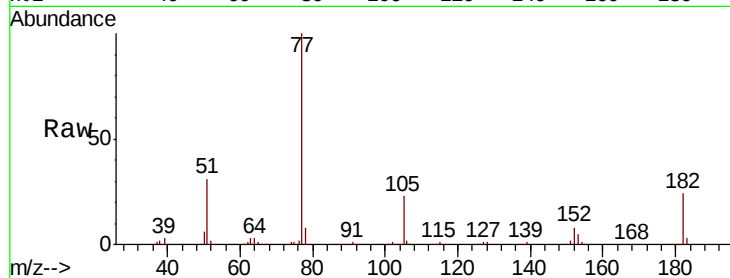
Ion Ratio Lower Upper

77 100

182 24.2 4.3 44.3

105 22.5 1.3 41.3

51 31.2 9.0 49.0

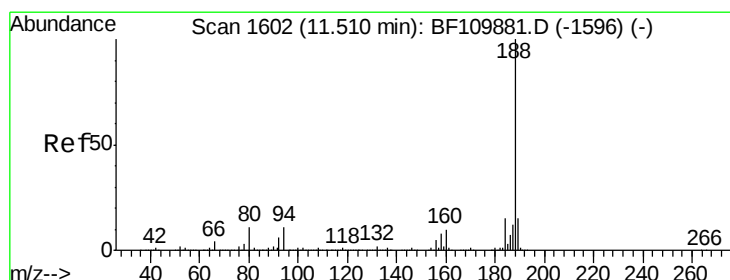
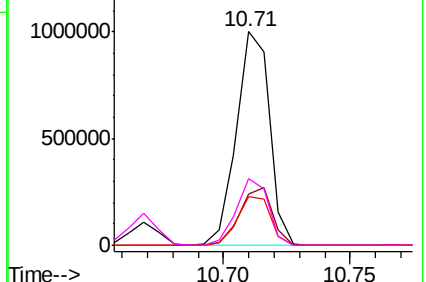
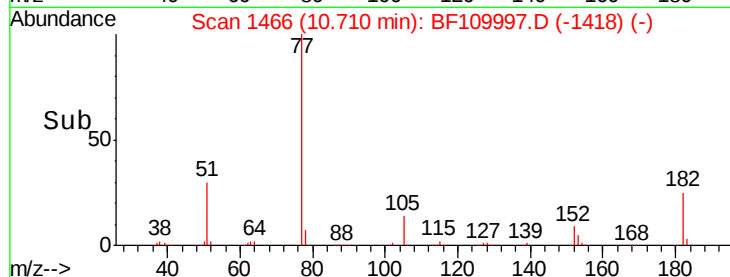


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

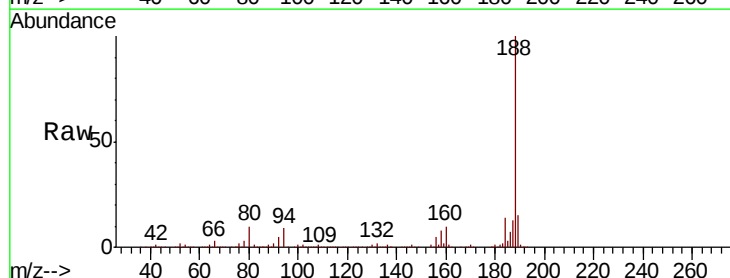
Tgt Ion: 188 Resp: 602698

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

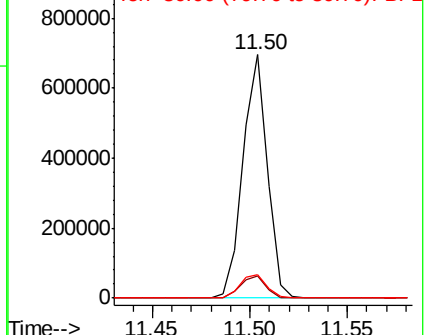
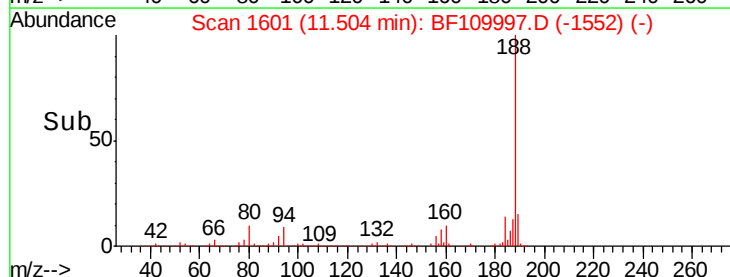
80 9.9 7.9 11.9

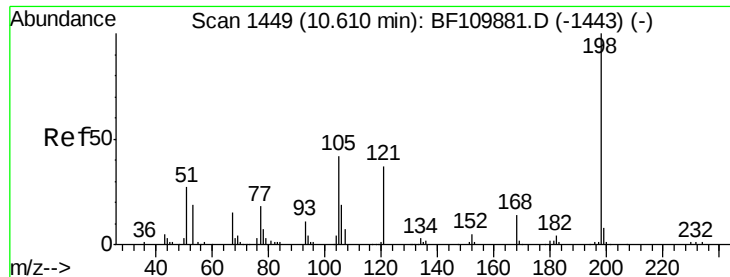


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.099 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

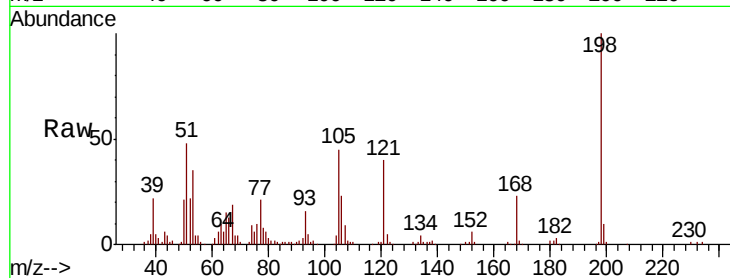
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 89380

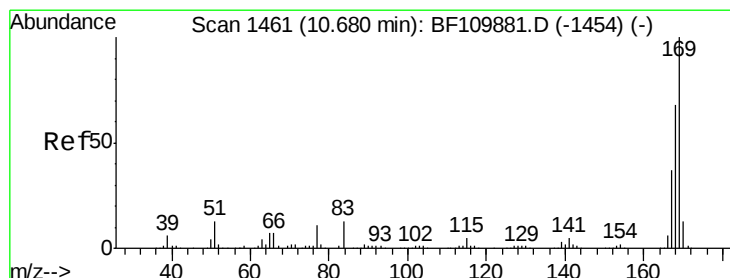
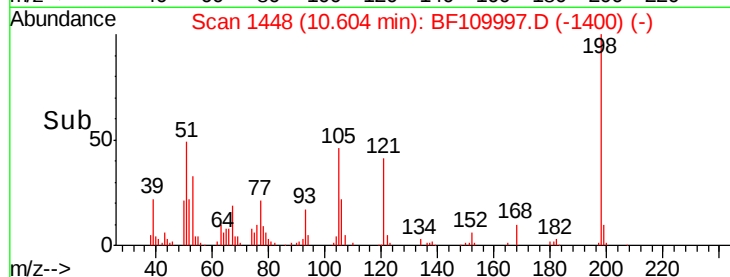
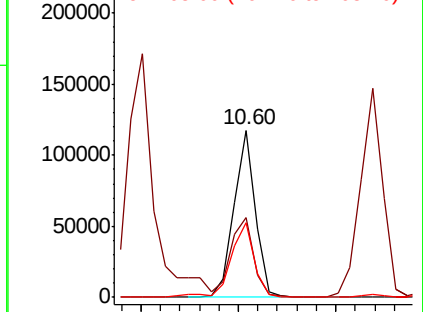
Ion	Ratio	Lower	Upper
198	100		
51	48.0	22.8	62.8
105	44.5	23.6	63.6



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: 39.083 ng

RT: 10.67 min Scan# 1459

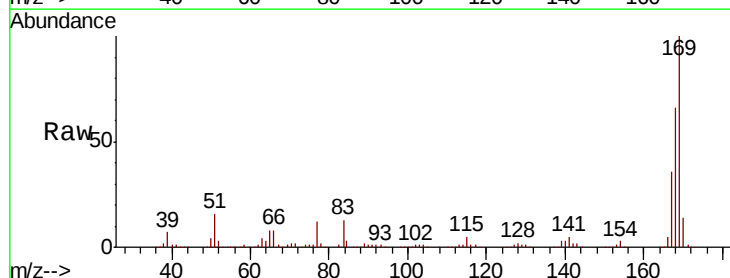
Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:169 Resp: 784526

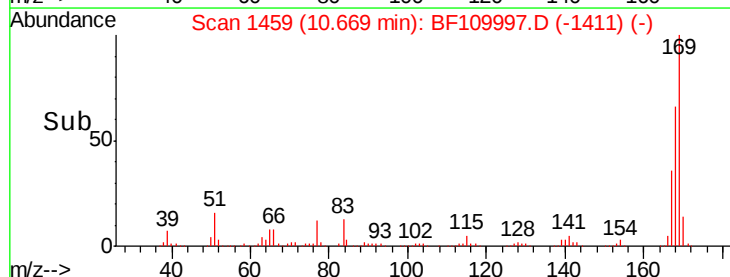
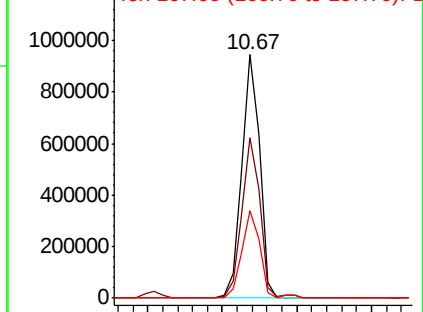
Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.2	76.8
167	36.0	27.8	41.6

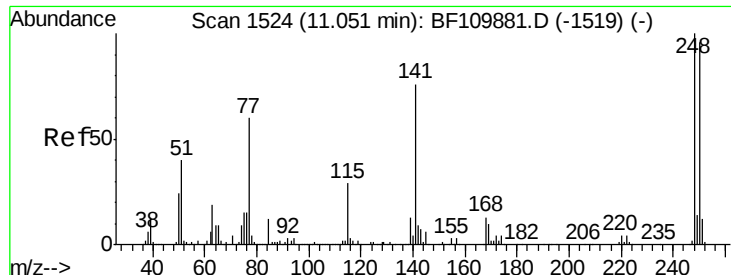


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

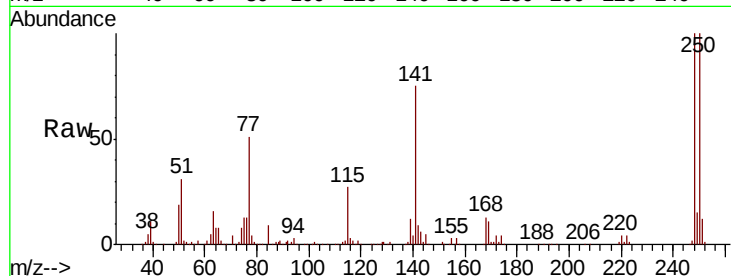




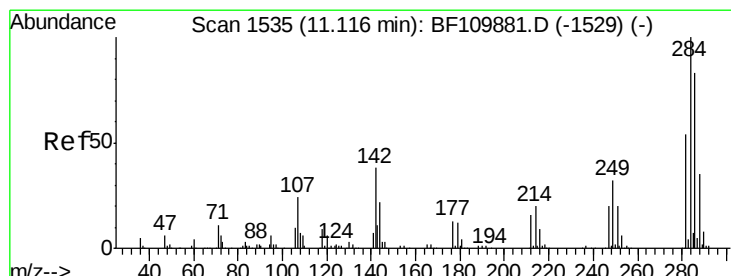
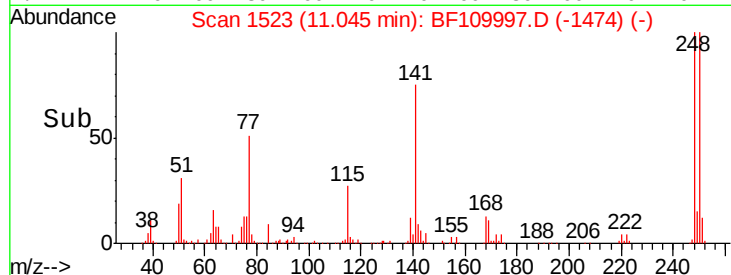
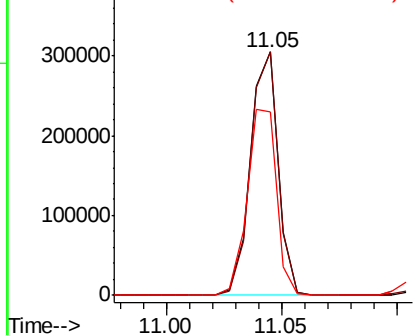
#67
 4-Bromophenyl-phenylether
 Concen: 39.353 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 257044
 Ion Ratio Lower Upper
 248 100
 250 100.1 79.4 119.2
 141 75.3 55.9 83.9

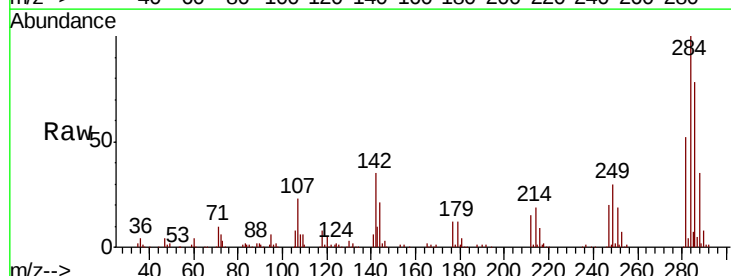


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

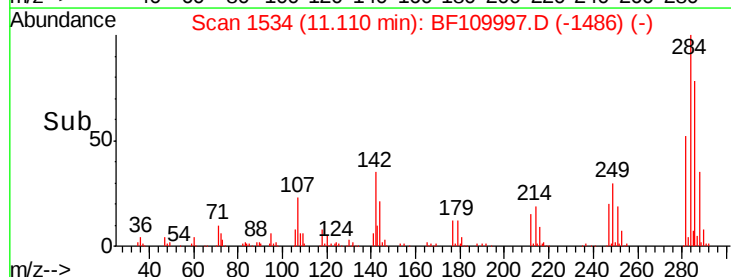
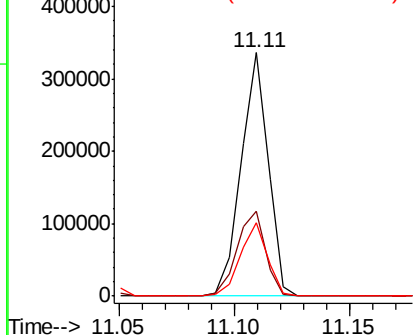


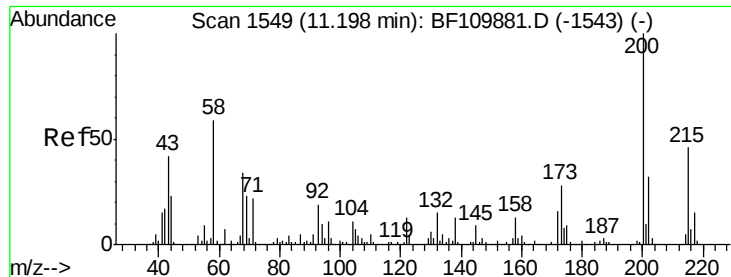
#68
 Hexachlorobenzene
 Concen: 39.578 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:284 Resp: 275670
 Ion Ratio Lower Upper
 284 100
 142 34.8 23.9 35.9
 249 30.0 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

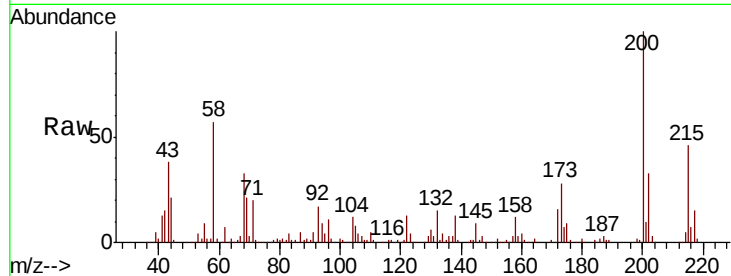




#69
Atrazine
Concen: 39.626 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.6	46.6
215	45.7	26.3	66.3

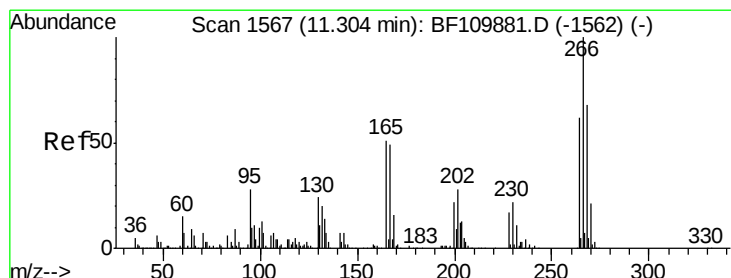
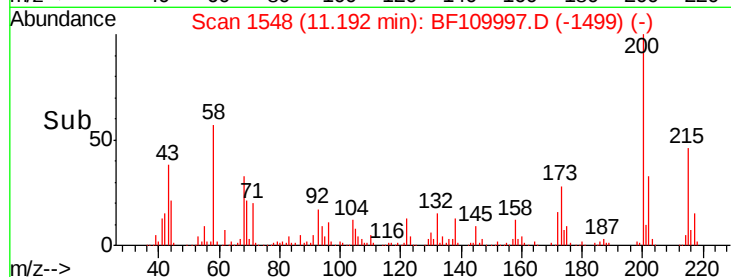
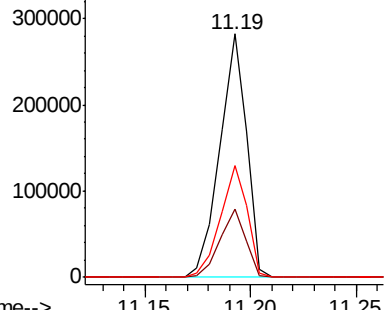


Abundance

Ion 200.00 (199.70 to 200.70): E

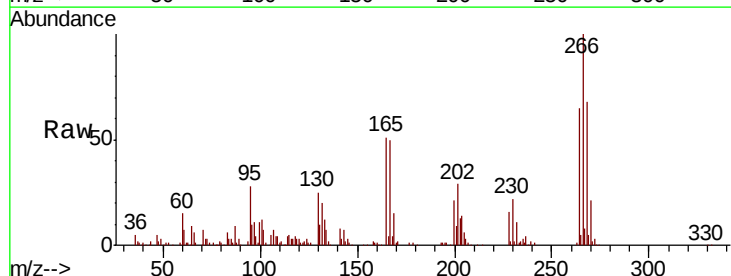
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.078 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.6	75.8
264	65.1	50.6	75.8

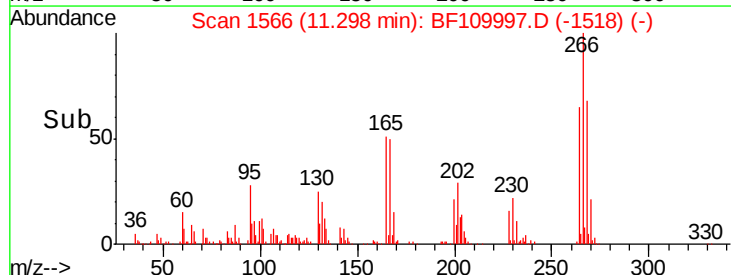
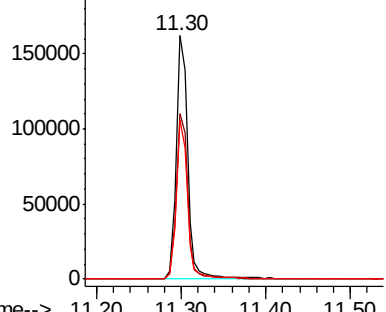


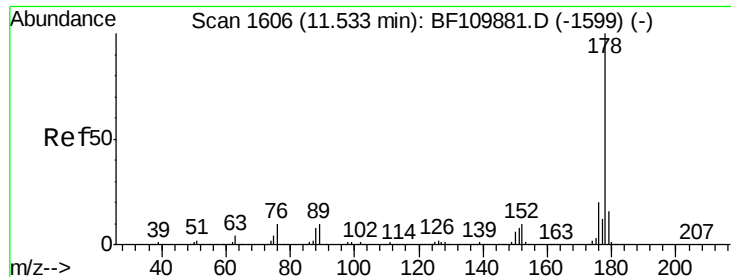
Abundance

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

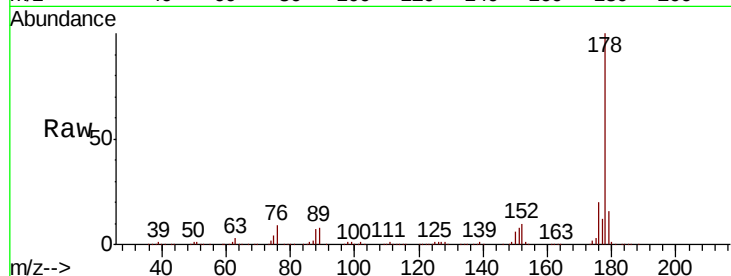




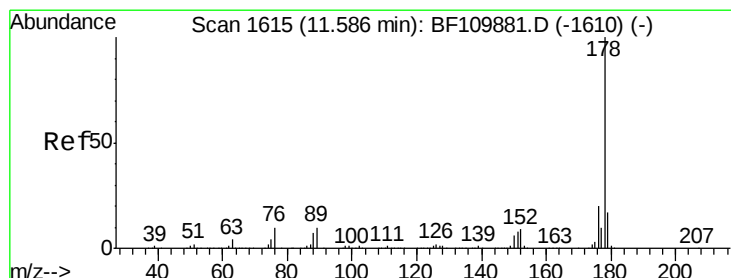
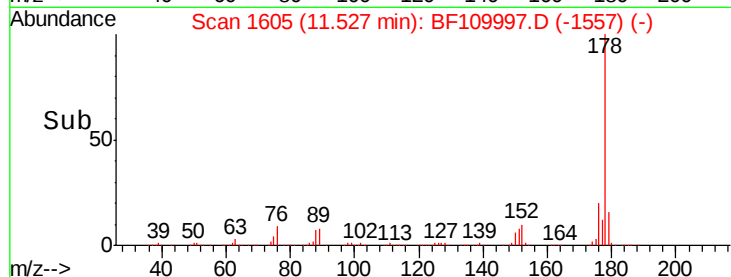
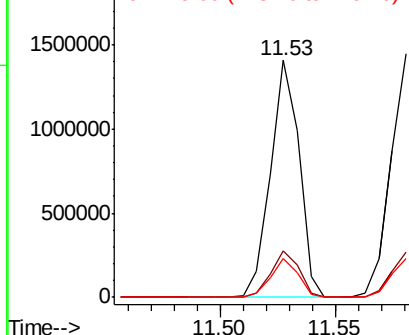
#71
Phenanthrene
Concen: 38.810 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1210951
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.2 12.5 18.7

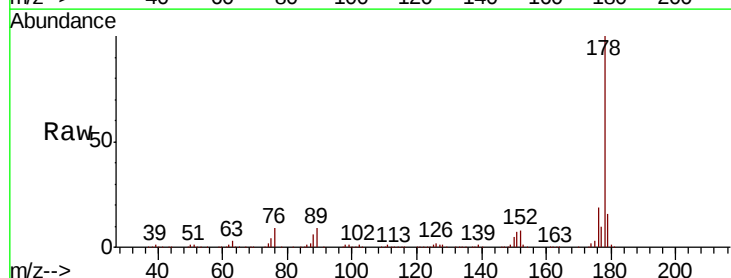


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

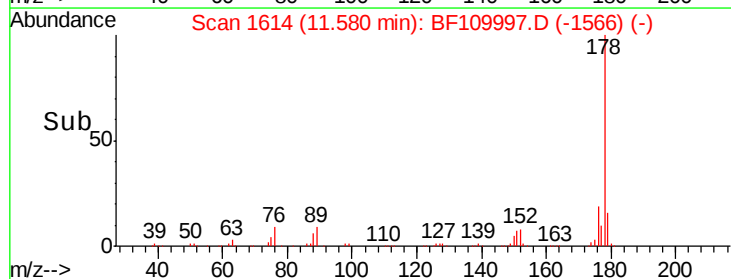
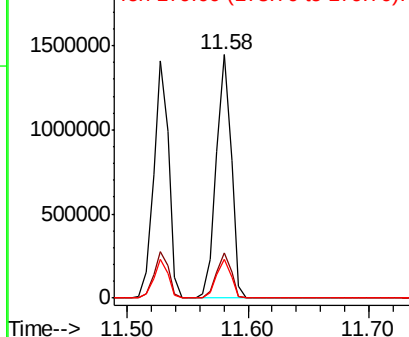


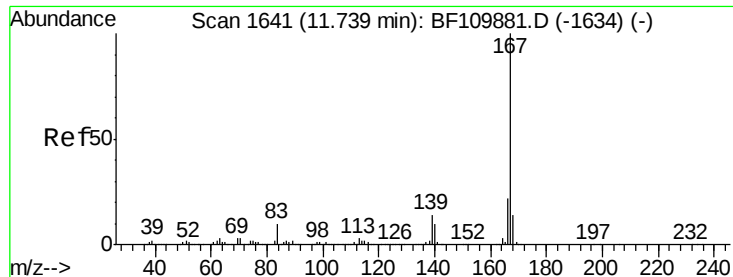
#72
Anthracene
Concen: 38.969 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:178 Resp: 1222436
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.9 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



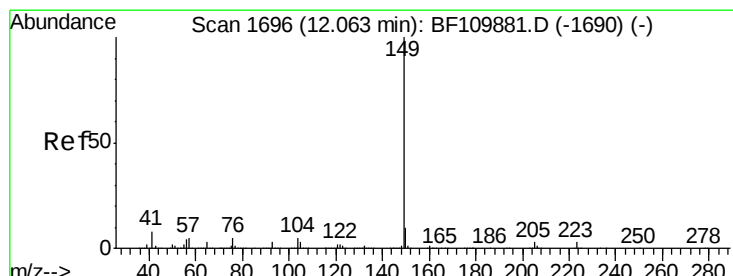
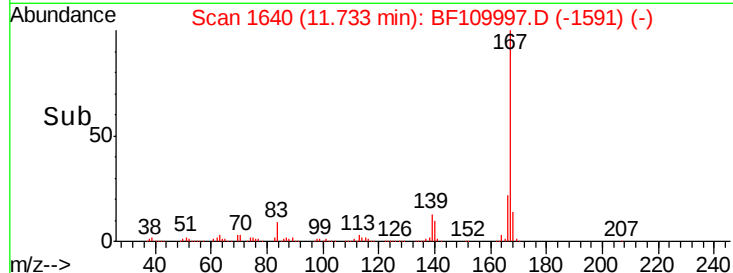
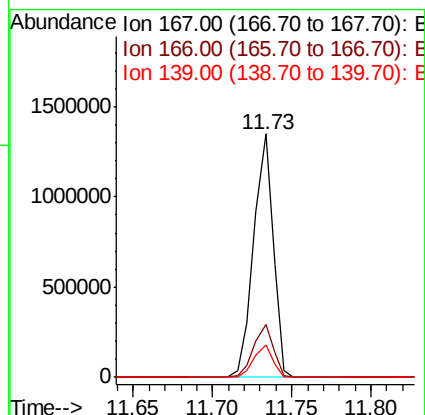
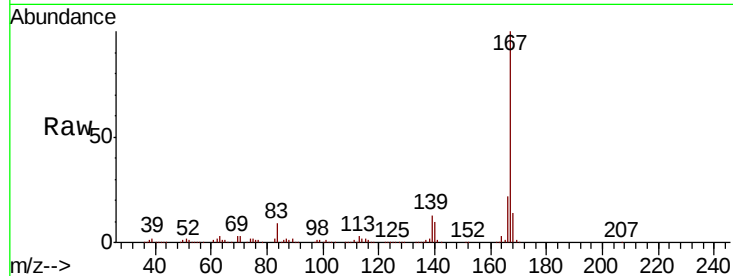


#73
 Carbazole
 Concen: 37.549 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1157621

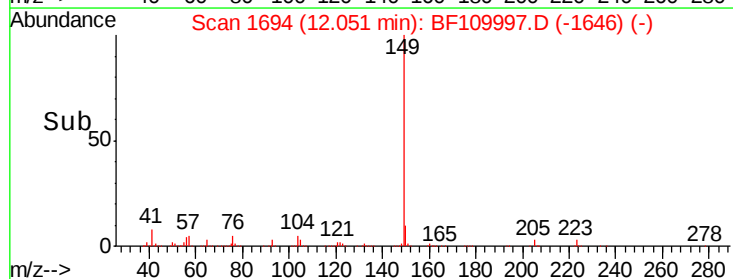
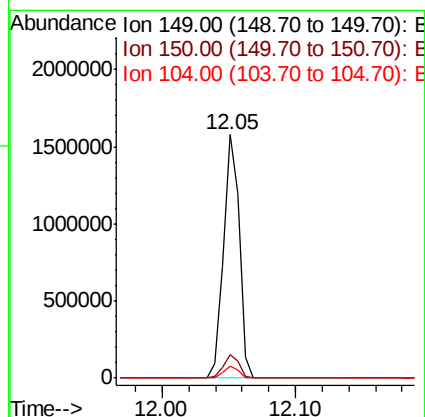
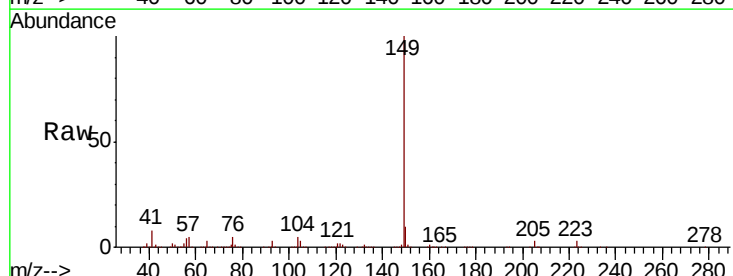
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.4	10.9	16.3

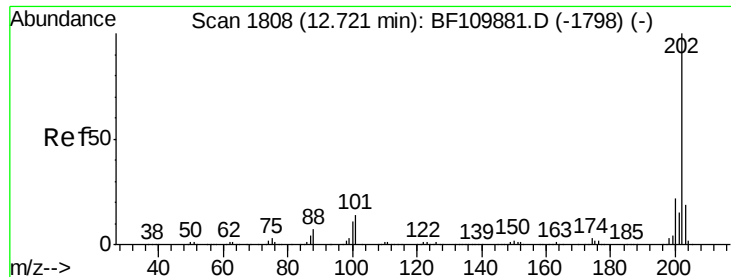


#74
 Di-n-butylphthalate
 Concen: 38.400 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:149 Resp: 1321214

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 37.159 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

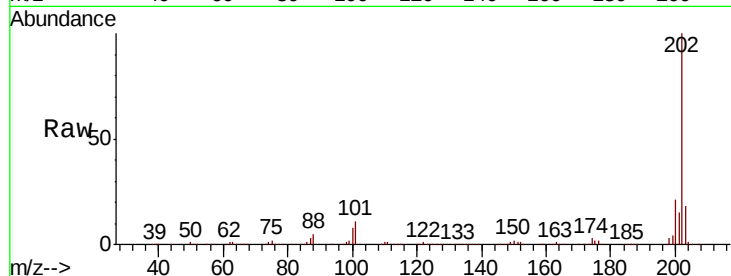
Tot Ion:202 Resp: 1158275

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	37.7

202 100

101 10.7 0.0 31.4

203 17.9 0.0 37.7

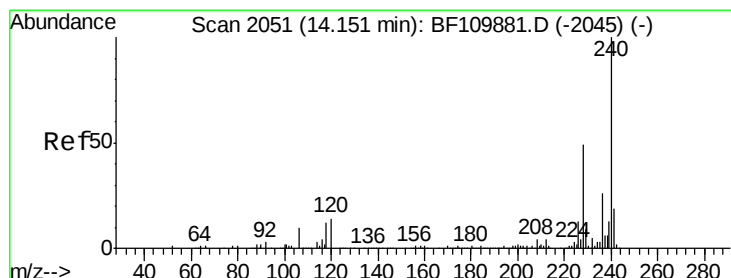
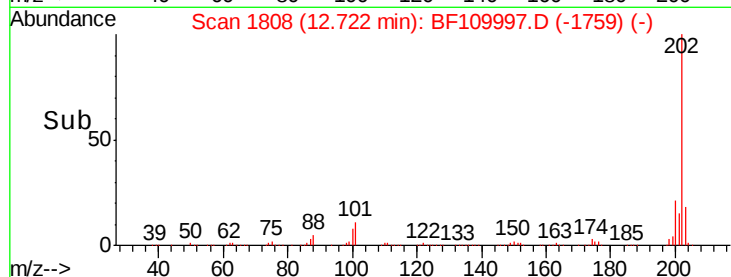
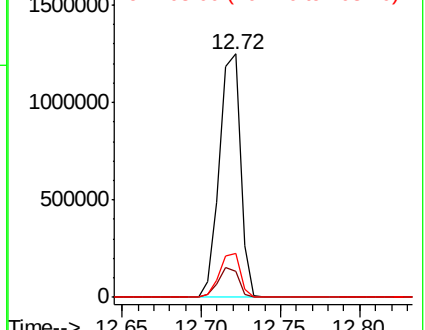


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

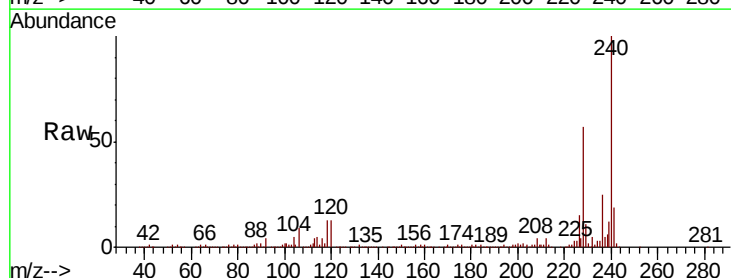
Tgt Ion:240 Resp: 380721

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	24.7	21.2	31.8

240 100

120 13.4 8.3 12.5#

236 24.7 21.2 31.8

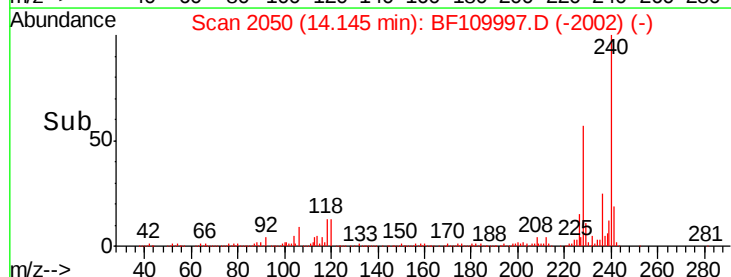
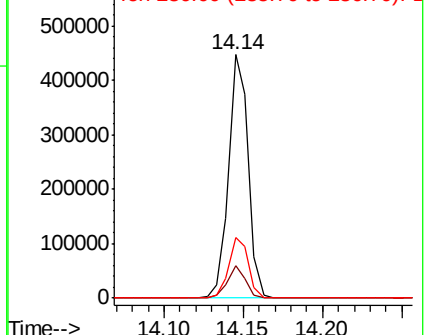


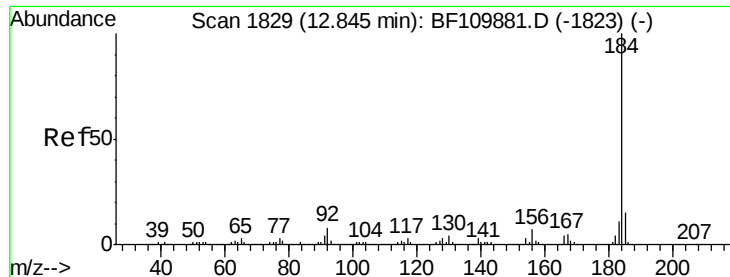
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.627 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

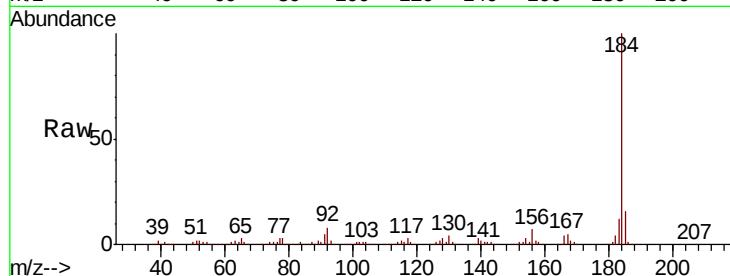
Tot Ion:184 Resp: 593052

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

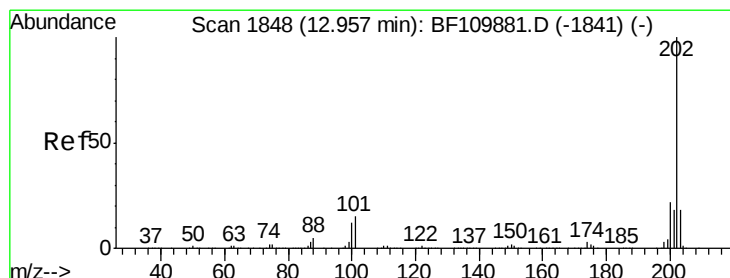
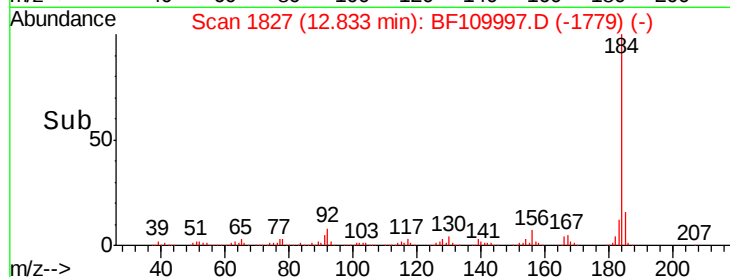
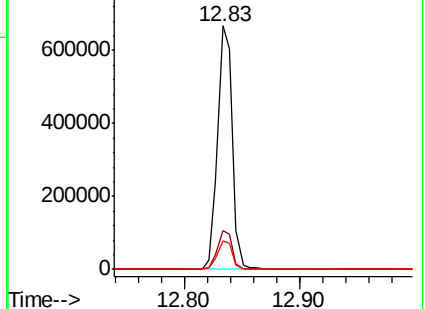
183 11.9 9.4 14.2



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: 42.267 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

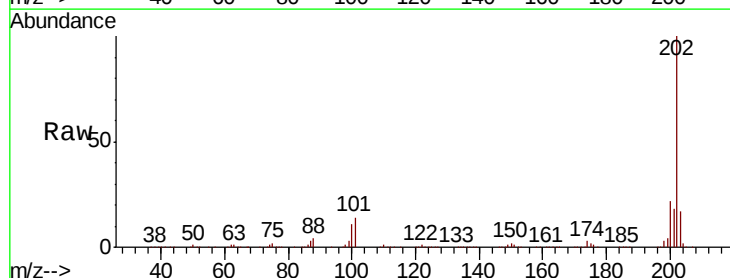
Tgt Ion:202 Resp: 1181897

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

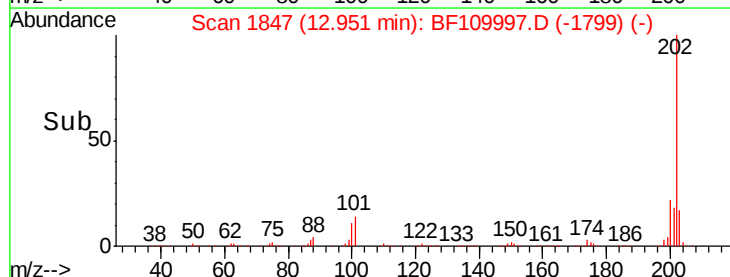
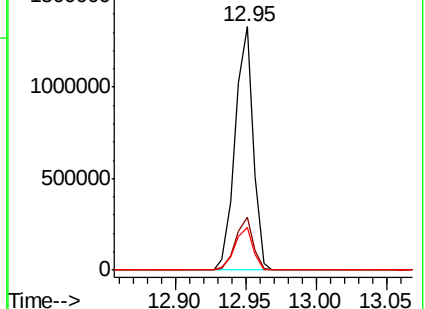
203 17.5 14.2 21.4



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



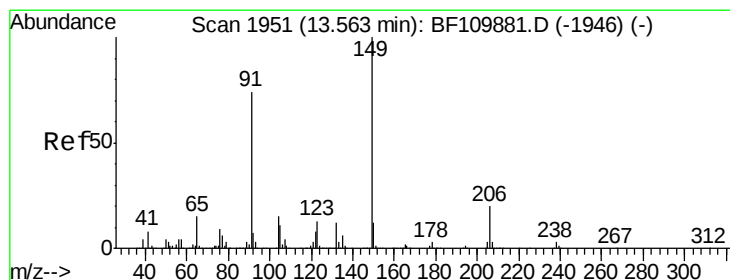
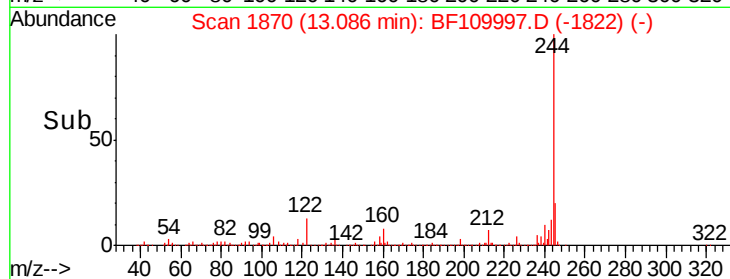
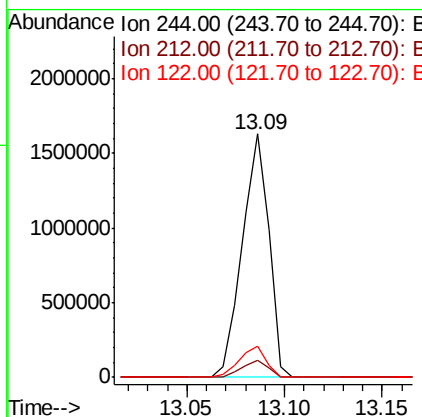
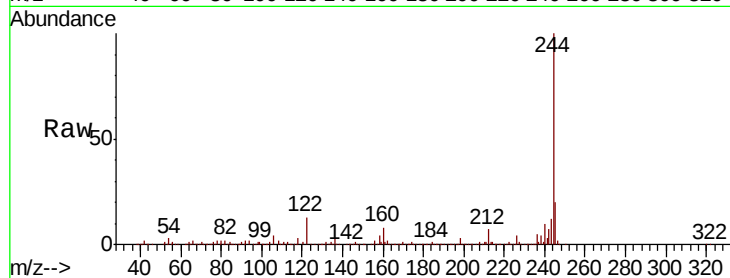


#79
 Terphenyl-d14
 Concen: 84.888 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1539036

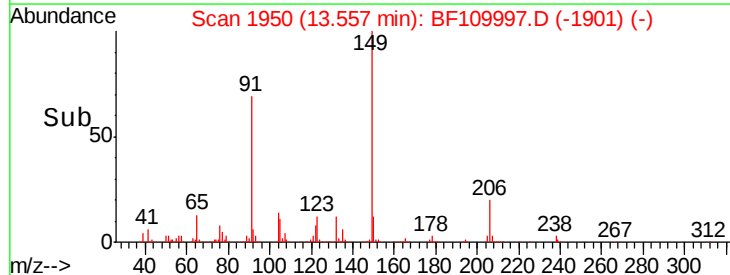
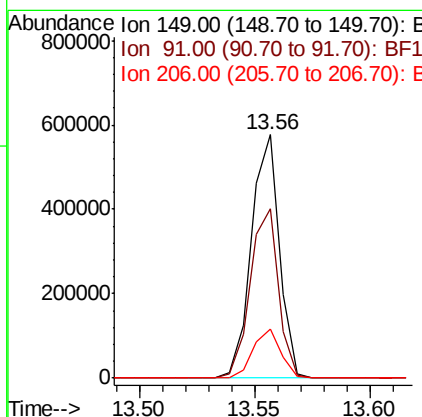
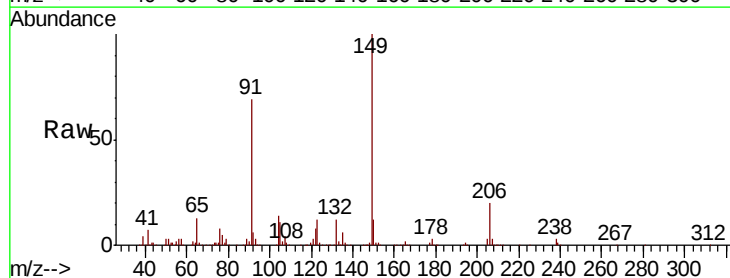
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.8	8.7	13.1

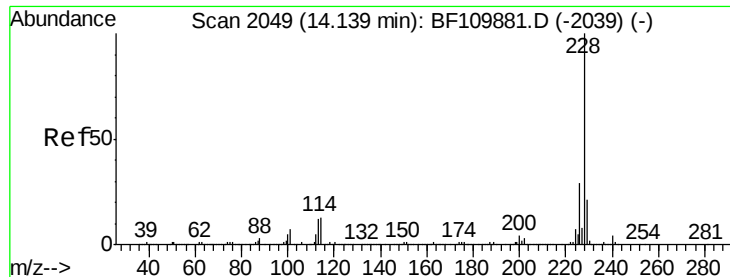


#80
 Butylbenzylphthalate
 Concen: 43.294 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:149 Resp: 489444

Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.2	85.8
206	20.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.773 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF109997.D

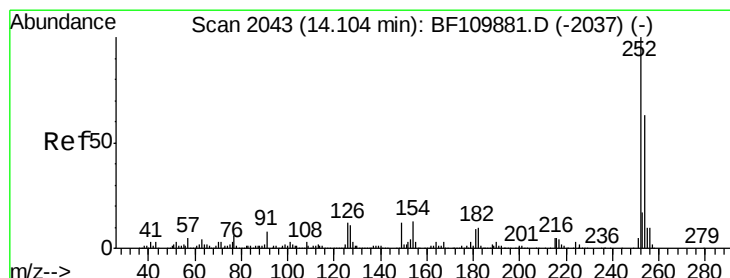
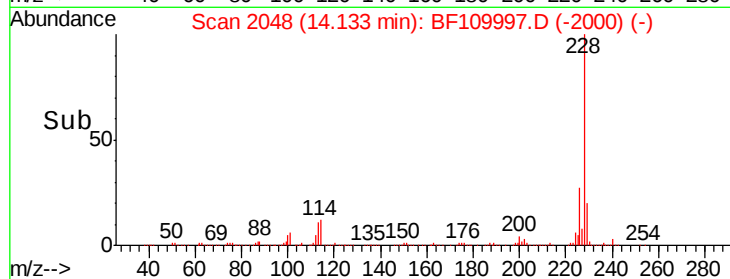
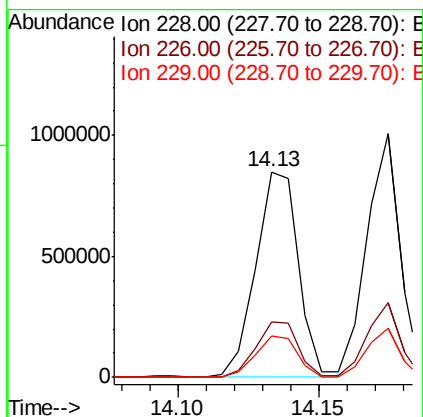
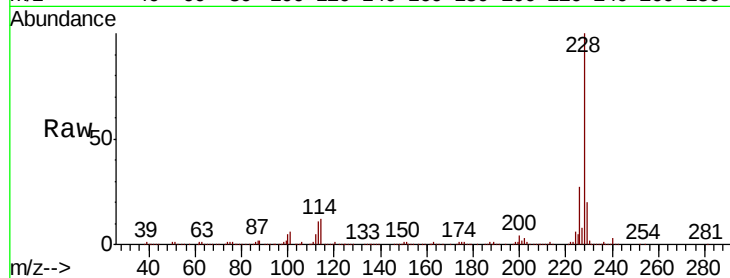
Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	891925
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.4	15.6	23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.891 ng

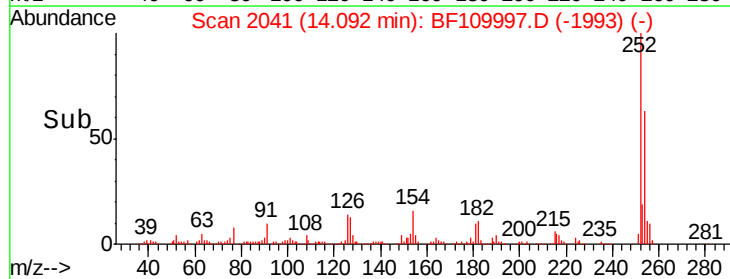
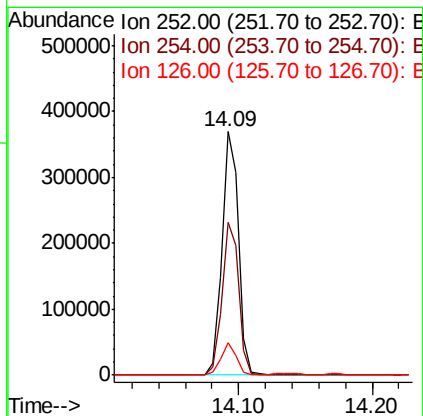
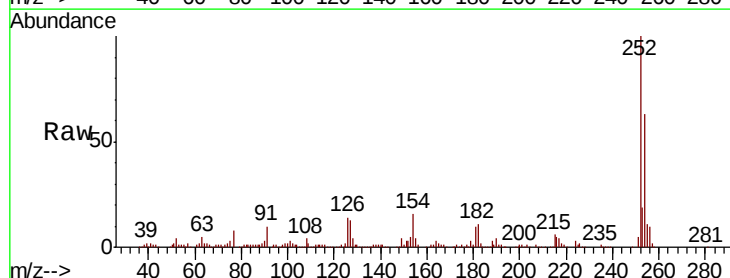
RT: 14.09 min Scan# 2041

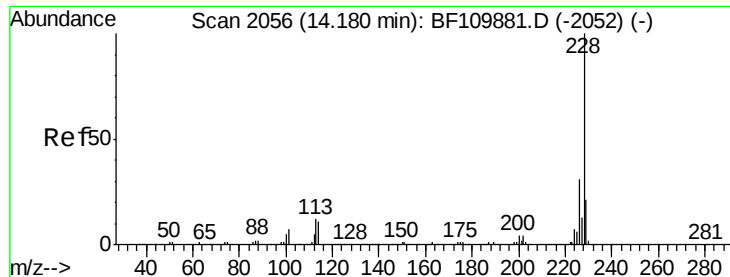
Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:	252	Resp:	321479
Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.3	76.9
126	13.6	9.4	14.2





#83

Chrysene

Concen: 38.442 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

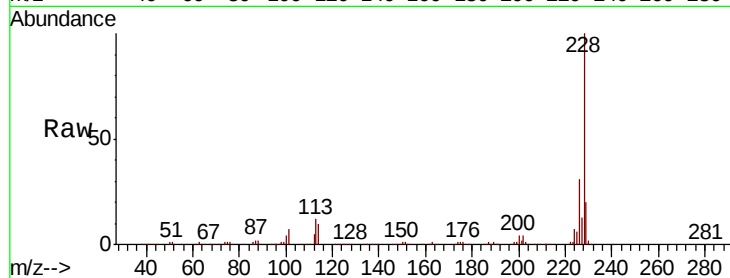
Tot Ion:228 Resp: 820571

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

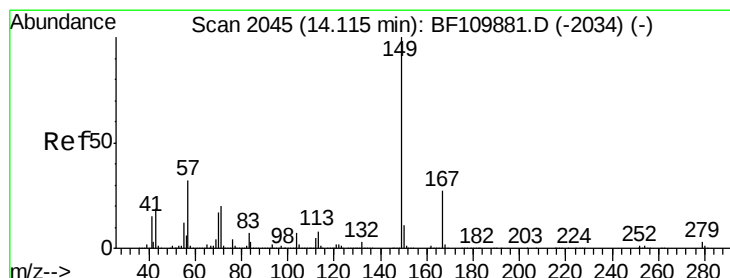
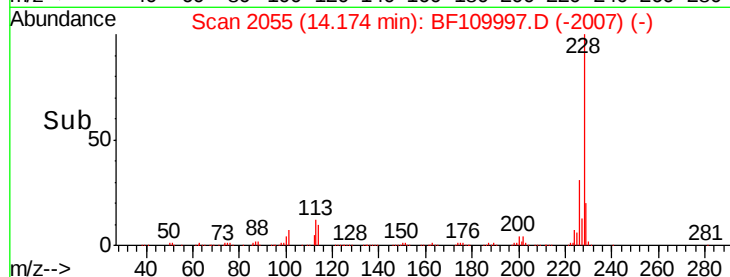
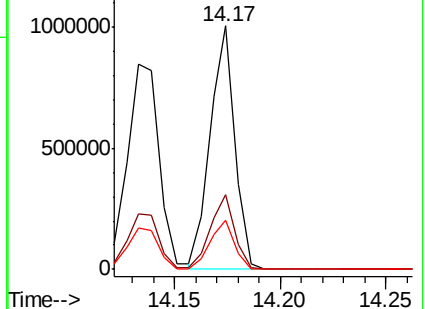
229 20.0 15.9 23.9



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: 43.128 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

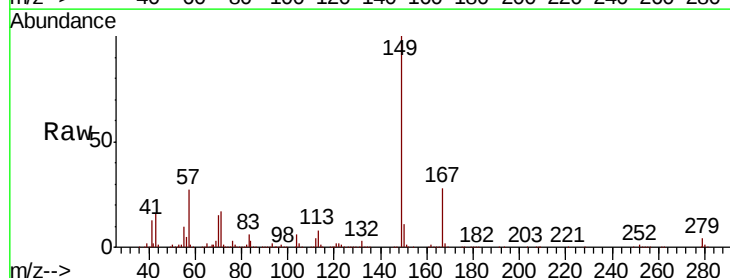
Tgt Ion:149 Resp: 641558

Ion Ratio Lower Upper

149 100

167 27.8 19.8 29.8

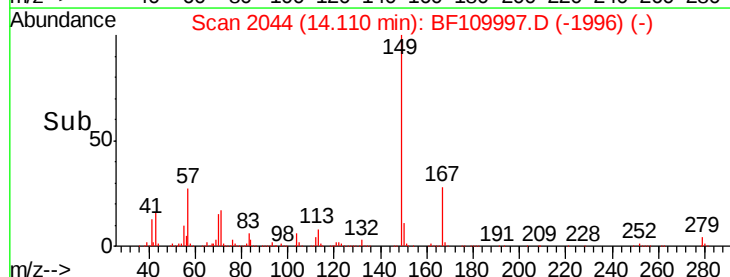
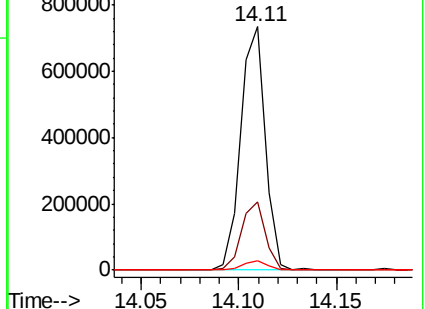
279 4.1 2.7 4.1#

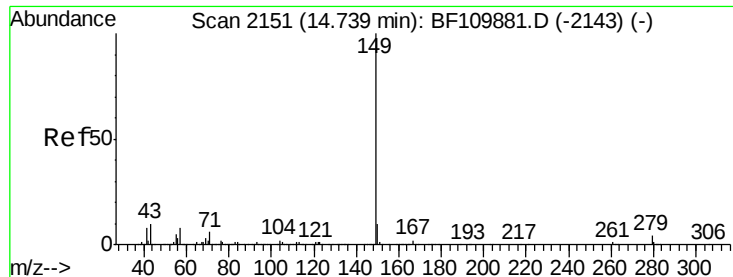


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.480 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

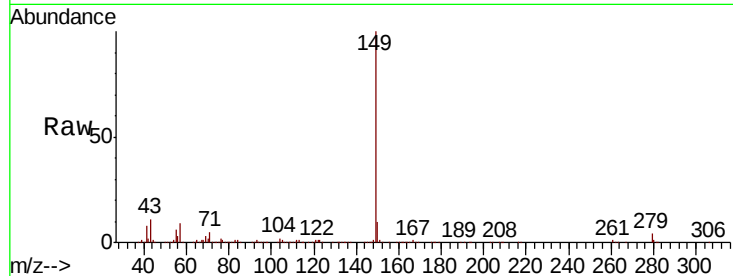
Tot Ion:149 Resp: 995753

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

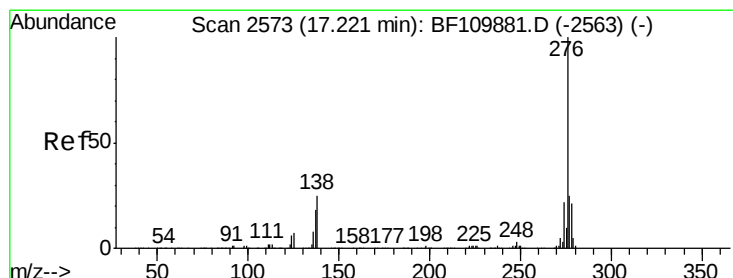
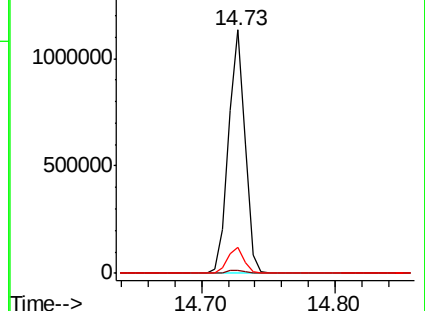
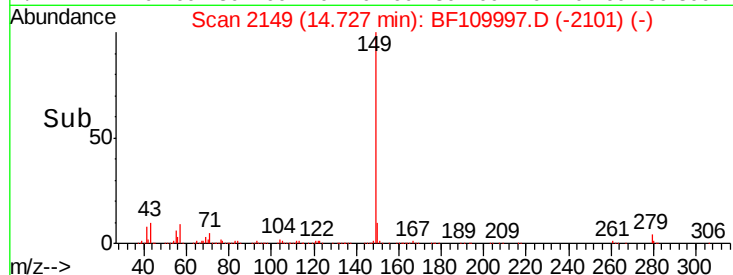
43 10.6 7.8 11.8



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: 49.247 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

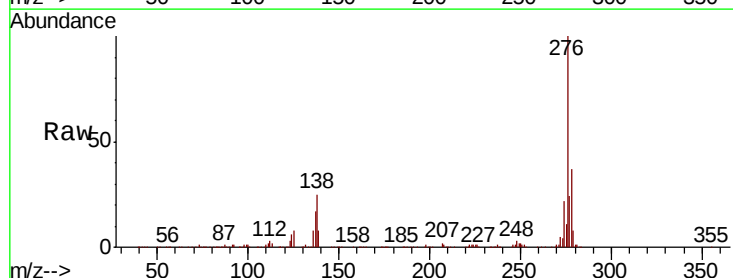
Tgt Ion:276 Resp: 846378

Ion Ratio Lower Upper

276 100

138 28.0 18.5 27.7#

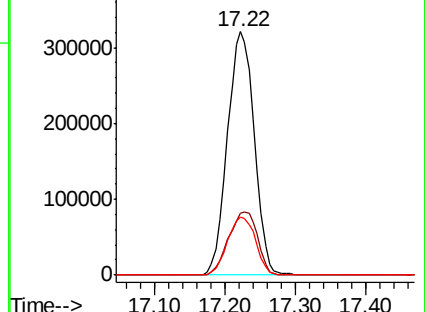
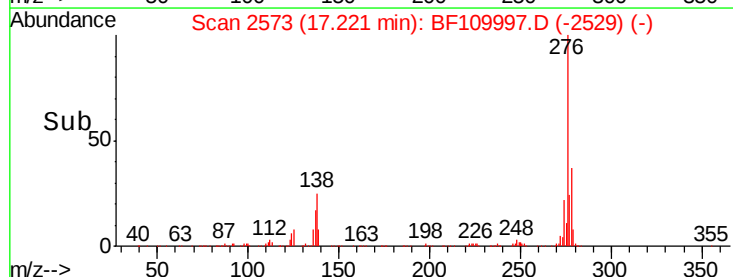
277 24.9 20.0 30.0

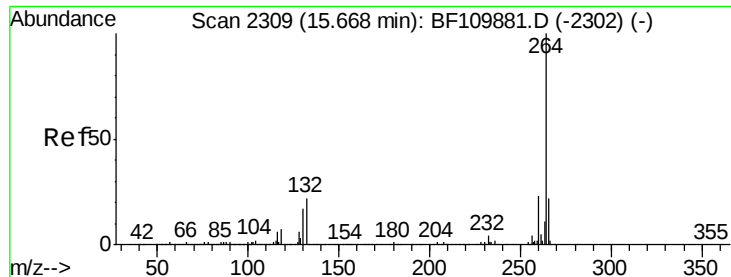


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

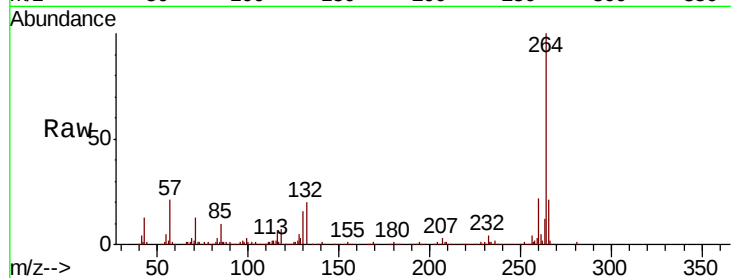
Tot Ion:264 Resp: 327989

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

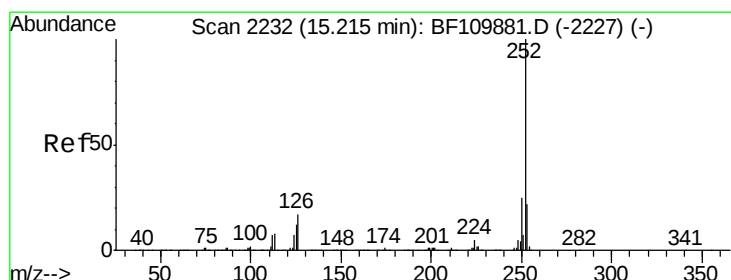
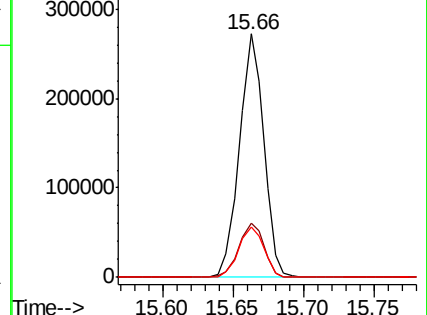
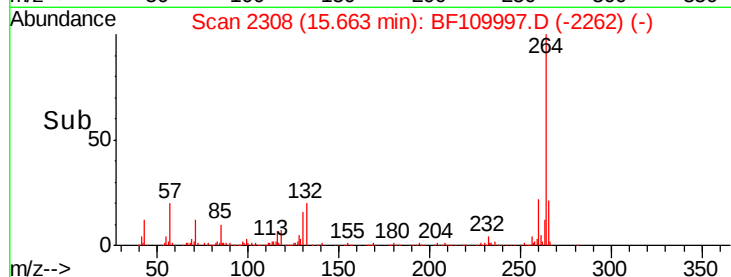
265 20.7 16.7 25.1



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: 38.175 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

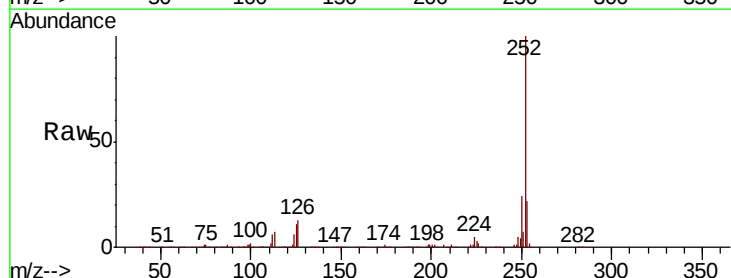
Tgt Ion:252 Resp: 721864

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

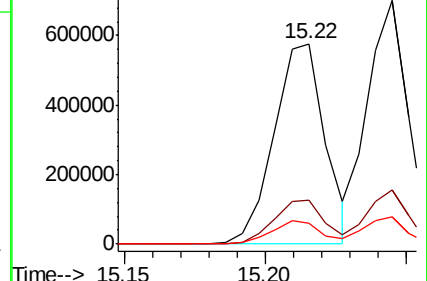
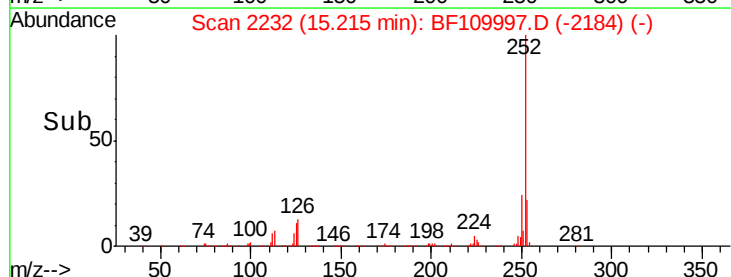
125 10.7 8.2 12.4

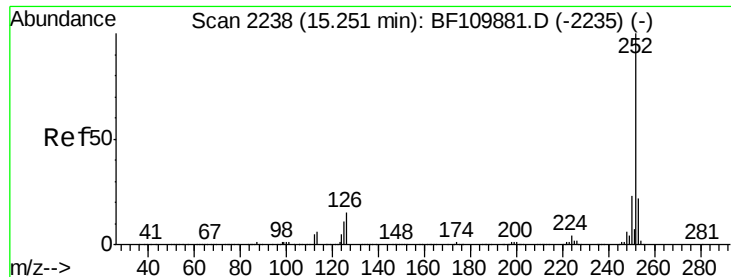


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

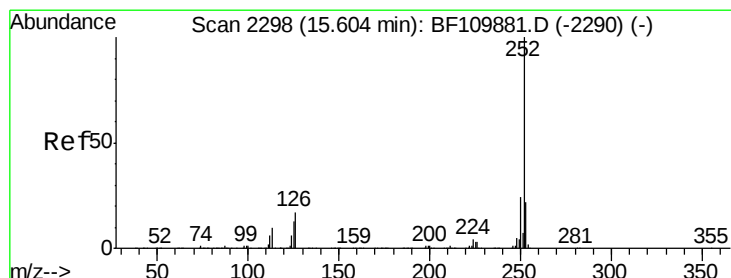
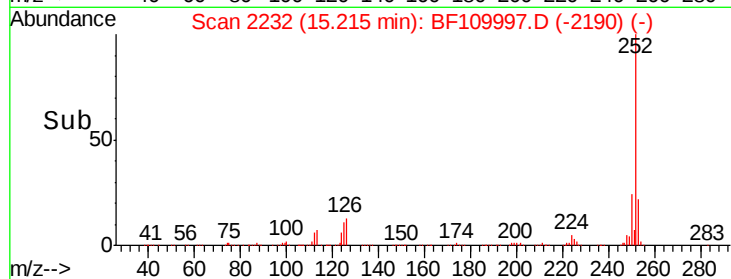
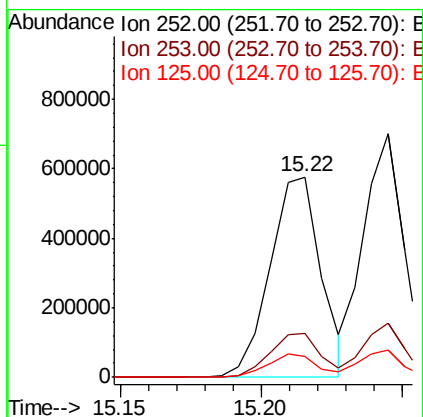
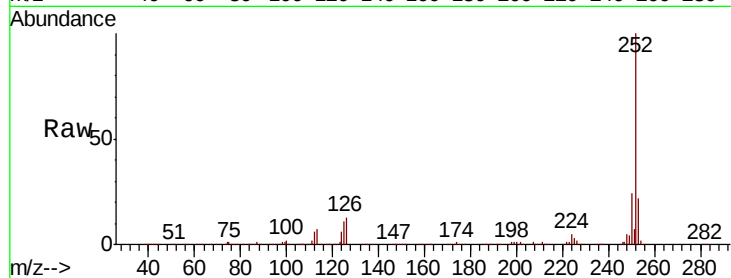




#89
Benzo(k)fluoranthene
Concen: 38.731 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

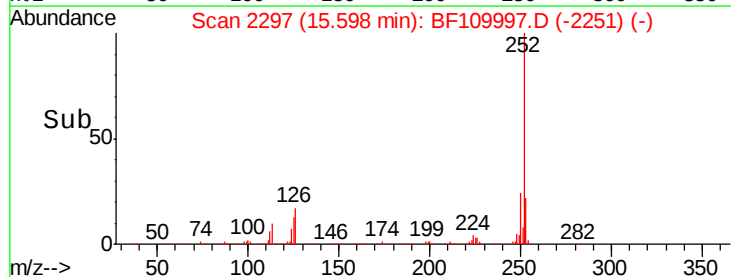
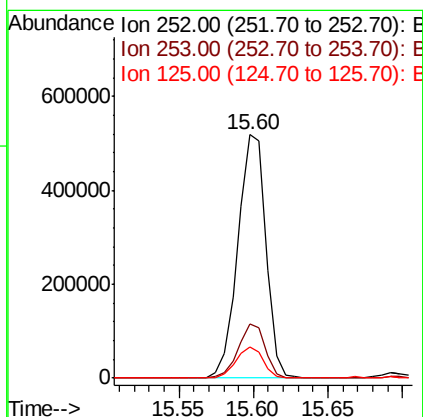
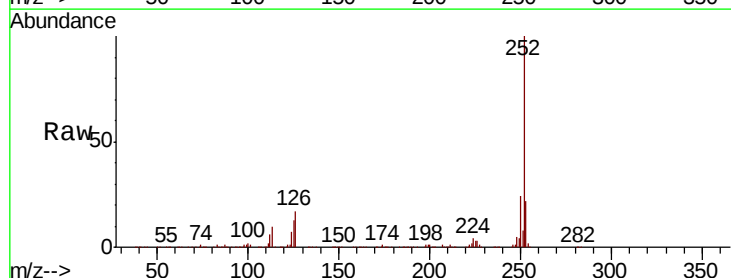
Instrument :
BNA_F
ClientSampleId :

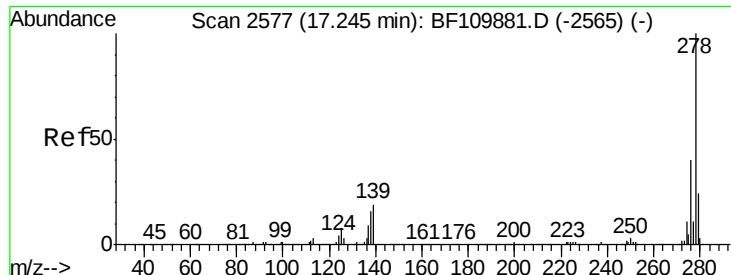
Tot Ion:252 Resp: 721864
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.034 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:252 Resp: 678856
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.9 9.0 13.6

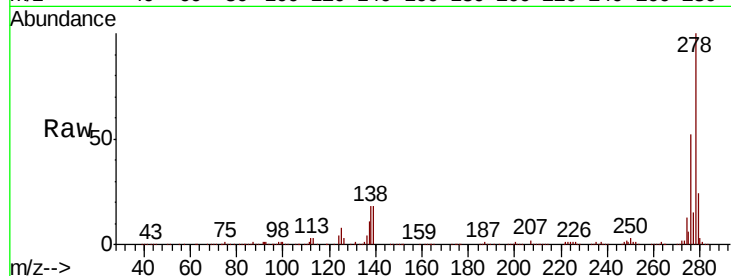




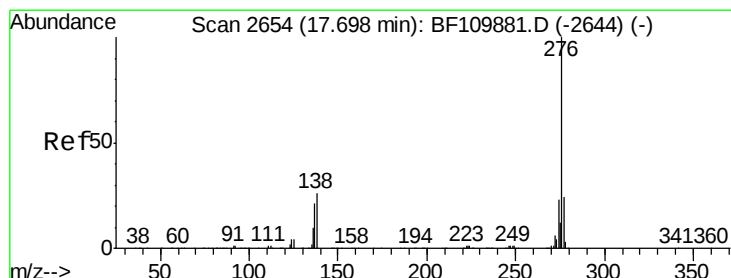
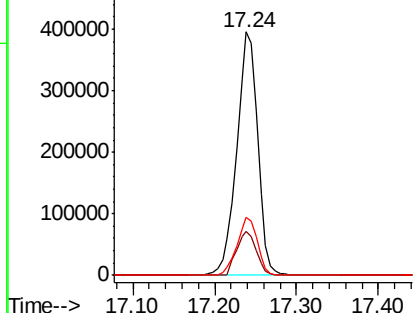
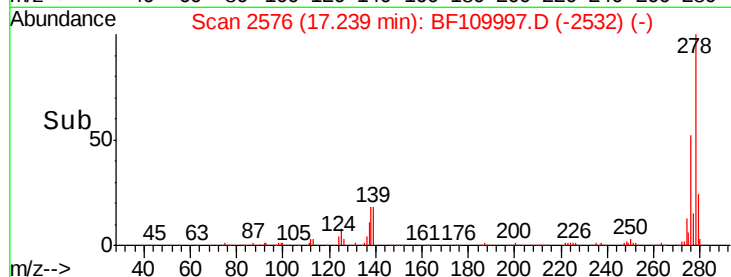
#91
Dibenzo(a,h)anthracene
Concen: 45.969 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.7	19.1
279	23.7	19.0	28.4

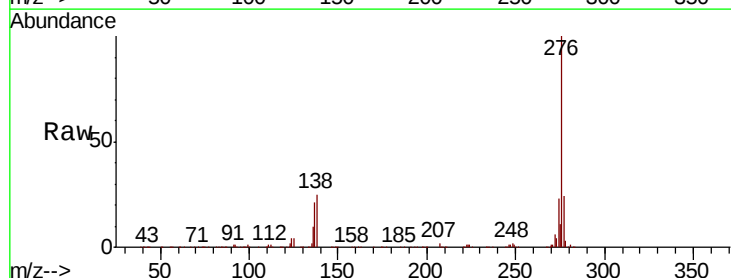


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.850 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.9	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

