

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109958.D
 Acq On : 18 Oct 2018 13:51
 Operator : JU/SJ
 Sample : J5565-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:21:53 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	245836	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	944618	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	421983	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	720543	20.00	ng	0.00
76) Chrysene-d12	14.16	240	412226	20.00	ng	0.00
87) Perylene-d12	15.69	264	448211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1590649	102.56	ng	0.01
7) Phenol-d6	6.60	99	2008663	104.30	ng	0.00
23) Nitrobenzene-d5	7.55	82	1230863	87.78	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	422131	115.54	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1915568	72.43	ng	0.00
79) Terphenyl-d14	13.10	244	1368611	69.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	222802	25.294	ng	92
3) Pyridine	3.68	79	639878	32.583	ng	87
4) n-Nitrosodimethylamine	3.65	42	311526	38.887	ng	# 100
6) Aniline	6.65	93	542458	20.902	ng	# 51
8) 2-Chlorophenol	6.76	128	656108	37.768	ng	97
9) Benzaldehyde	6.53	77	265094	21.183	ng	98
10) Phenol	6.62	94	951945	45.784	ng	# 64
11) bis(2-Chloroethyl)ether	6.72	93	624140	35.901	ng	96
12) 1,3-Dichlorobenzene	6.92	146	676603	35.519	ng	96
13) 1,4-Dichlorobenzene	7.00	146	683865	35.647	ng	99
14) 1,2-Dichlorobenzene	7.15	146	639097	36.176	ng	99
15) Benzyl Alcohol	7.12	79	563769	38.052	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1012847	35.496	ng	68
17) 2-Methylphenol	7.22	107	545559	38.945	ng	# 81
18) Hexachloroethane	7.49	117	250166	36.899	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	438428	35.457	ng	96
20) 3+4-Methylphenols	7.37	107	658234	37.028	ng	96
22) Acetophenone	7.39	105	881021	40.217	ng	# 98
24) Nitrobenzene	7.56	77	656395	43.089	ng	92
25) Isophorone	7.80	82	1227440	44.548	ng	95
26) 2-Nitrophenol	7.87	139	332712	52.677	ng	94
27) 2,4-Dimethylphenol	7.90	122	603667	45.486	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	784543	41.489	ng	100
29) 2,4-Dichlorophenol	8.12	162	538240	41.807	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	567227	39.349	ng	94
31) Naphthalene	8.29	128	1796581	41.475	ng	99
32) Benzoic acid	7.97	122	69485	8.403	ng	96
33) 4-Chloroaniline	8.33	127	130212	6.687	ng	95
34) Hexachlorobutadiene	8.39	225	306108	38.509	ng	100
35) Caprolactam	8.69	113	96589	21.125	ng	89
36) 4-Chloro-3-methylphenol	8.81	107	557169	41.023	ng	92
37) 2-Methylnaphthalene	8.97	142	1207707	43.057	ng	99
38) 1-Methylnaphthalene	9.07	142	1144130	42.096	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	517426	39.809	ng	98

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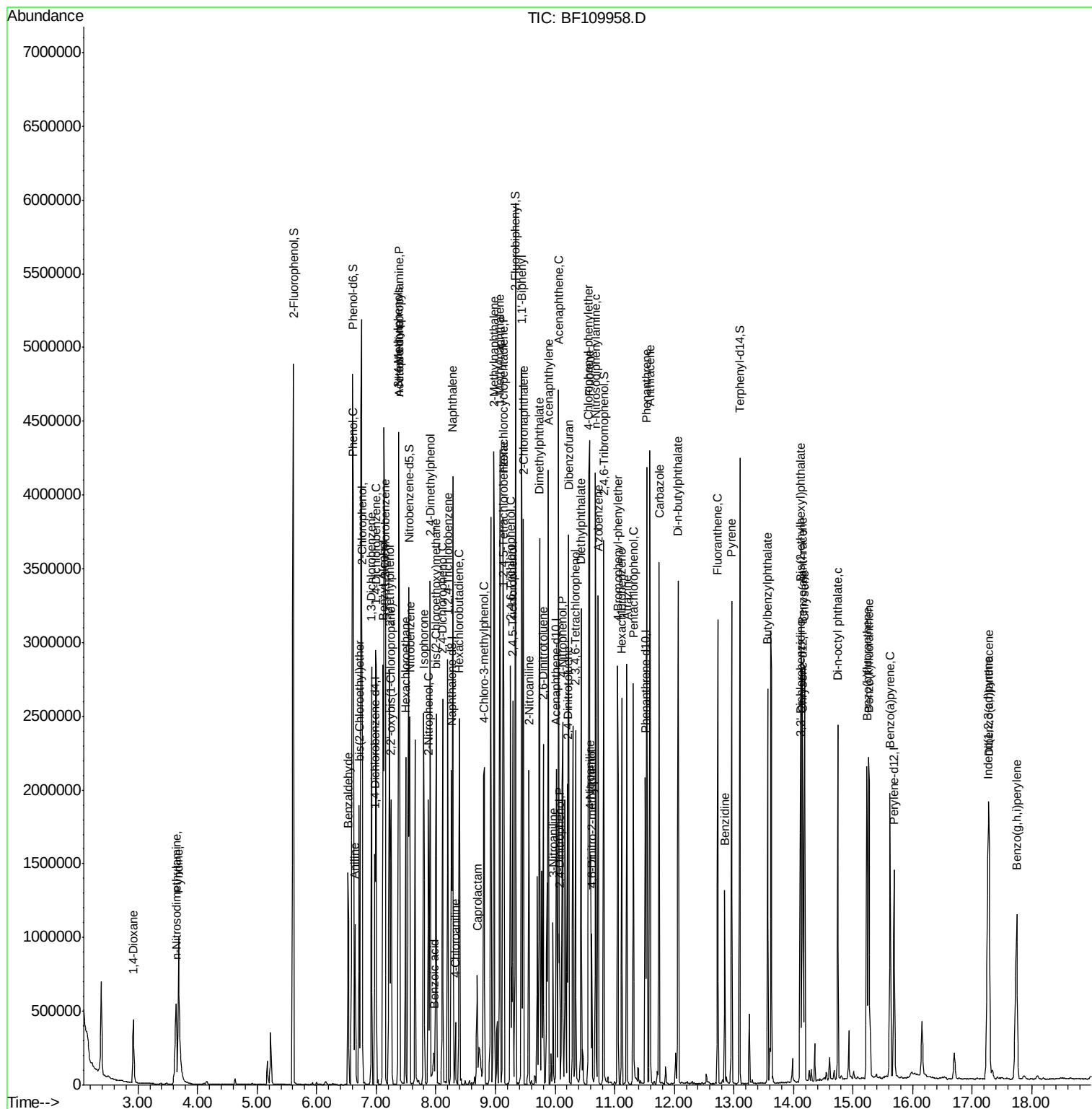
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	574352	91.554	ng	98
43) 2,4,6-Trichlorophenol	9.25	196	353894	43.544	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	370231	43.892	ng	95
46) 1,1'-Biphenyl	9.44	154	1440505	38.314	ng	99
47) 2-Chloronaphthalene	9.47	162	1104226	39.873	ng	99
48) 2-Nitroaniline	9.56	65	340345	47.888	ng	92
49) Acenaphthylene	9.89	152	1672783	41.579	ng	97
50) Dimethylphthalate	9.74	163	1498054	50.135	ng	99
51) 2,6-Dinitrotoluene	9.80	165	277943	48.974	ng	90
52) Acenaphthene	10.06	154	1058573	41.329	ng	98
53) 3-Nitroaniline	9.97	138	157831	22.862	ng	93
54) 2,4-Dinitrophenol	10.07	184	113002	64.452	ng	89
55) Dibenzofuran	10.23	168	1455278	39.839	ng	98
56) 4-Nitrophenol	10.13	139	444094	84.306	ng	91
57) 2,4-Dinitrotoluene	10.21	165	357074	49.635	ng	# 81
58) Fluorene	10.57	166	1111024	41.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	305822	45.747	ng	97
60) Diethylphthalate	10.44	149	1189081	40.291	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	536816	38.755	ng	97
62) 4-Nitroaniline	10.59	138	275973	42.230	ng	90
63) Azobenzene	10.72	77	1156361	37.507	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	122507	47.107	ng	99
66) n-Nitrosodiphenylamine	10.68	169	1005254	41.888	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	327507	41.941	ng	91
68) Hexachlorobenzene	11.12	284	341422	41.001	ng	96
69) Atrazine	11.20	200	319956	42.682	ng	98
70) Pentachlorophenol	11.32	266	324129	68.396	ng	96
71) Phenanthrene	11.54	178	1542797	41.359	ng	99
72) Anthracene	11.59	178	1579048	42.105	ng	99
73) Carbazole	11.75	167	1311083	35.572	ng	99
74) Di-n-butylphthalate	12.06	149	1669766	40.594	ng	99
75) Fluoranthene	12.73	202	1311237	35.187	ng	100
77) Benzidine	12.85	184	504640	31.929	ng	96
78) Pyrene	12.96	202	1262721	41.706	ng	99
80) Butylbenzylphthalate	13.57	149	539268	44.056	ng	97
81) Benzo(a)anthracene	14.15	228	1013309	41.732	ng	99
82) 3,3'-Dichlorobenzidine	14.11	252	264657	31.090	ng	99
83) Chrysene	14.19	228	932774	40.359	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	741260	46.022	ng	96
85) Di-n-octyl phthalate	14.74	149	1191045	52.451	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1198879	64.426	ng	# 94
88) Benzo(b)fluoranthene	15.23	252	1019380	39.449	ng	99
89) Benzo(k)fluoranthene	15.26	252	997655	39.170	ng	# 96
90) Benzo(a)pyrene	15.62	252	1005836	42.323	ng	97
91) Dibenzo(a,h)anthracene	17.28	278	998977	47.431	ng	96
92) Benzo(g,h,i)perylene	17.74	276	971243	45.641	ng	96

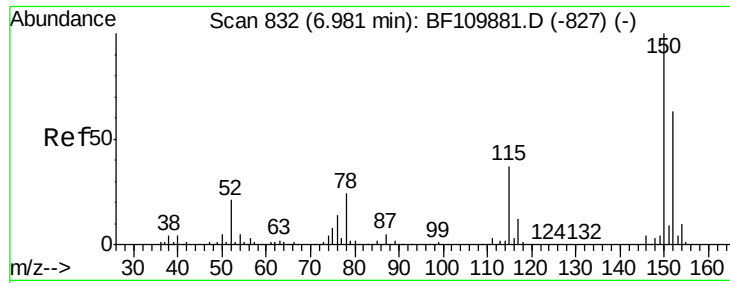
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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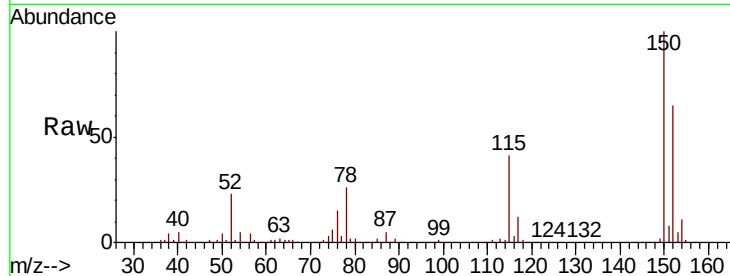


#1

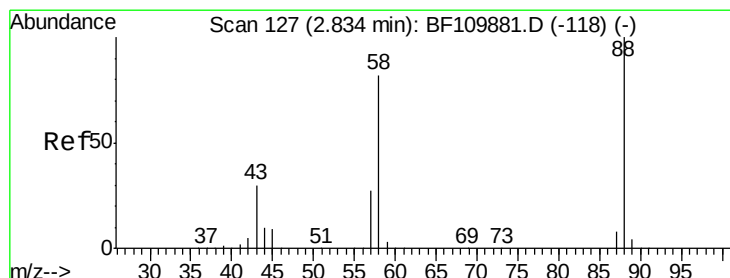
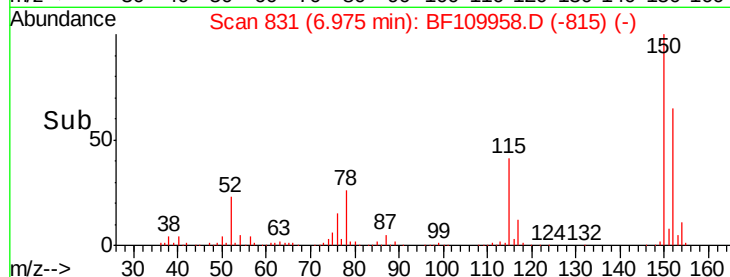
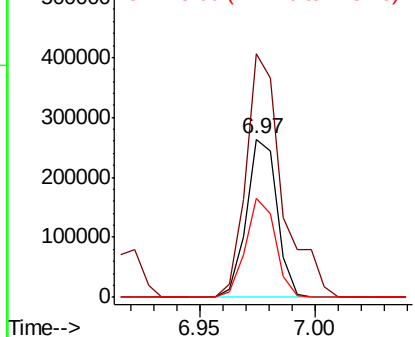
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 245836
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 62.6 49.1 73.7



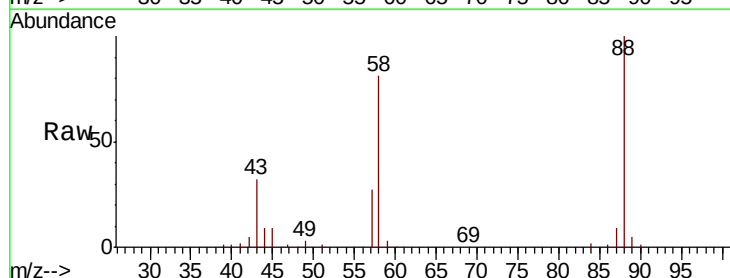
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



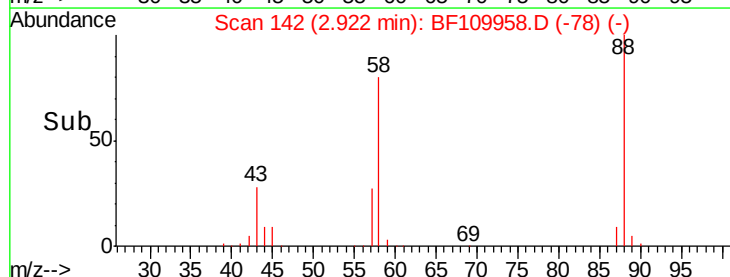
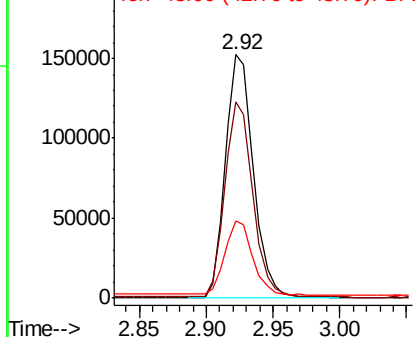
#2

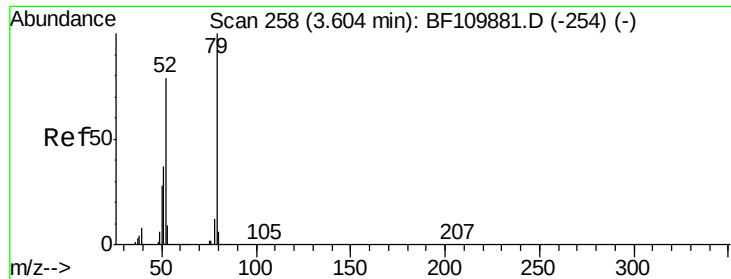
1,4-Dioxane
Concen: 25.294 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion: 88 Resp: 222802
Ion Ratio Lower Upper
88 100
58 80.1 57.1 85.7
43 30.3 24.1 36.1



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





#3

Pvridine

Concen: 32.583 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

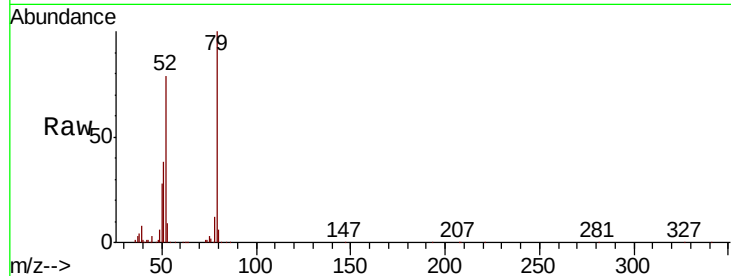
Tot Ion: 79 Resp: 639878

Ion Ratio Lower Upper

79 100

52 79.1 53.1 79.7

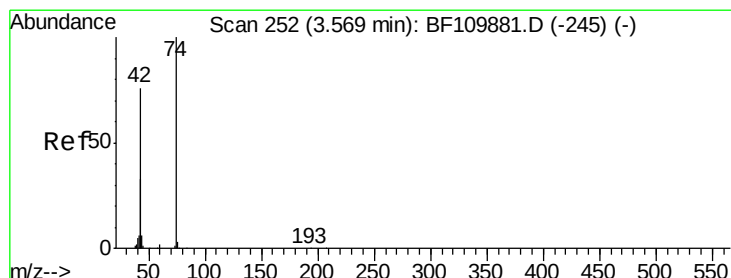
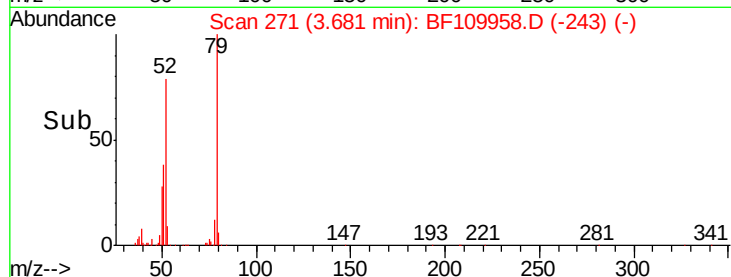
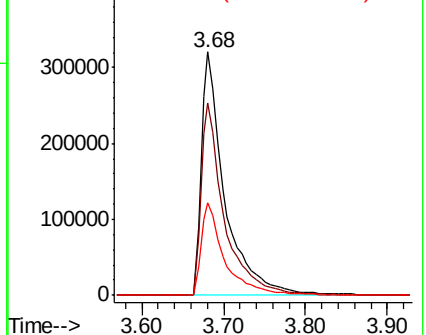
51 37.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.887 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

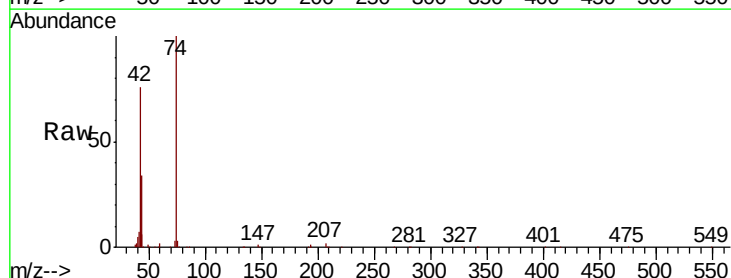
Tgt Ion: 42 Resp: 311526

Ion Ratio Lower Upper

42 100

74 132.3 105.5 158.3

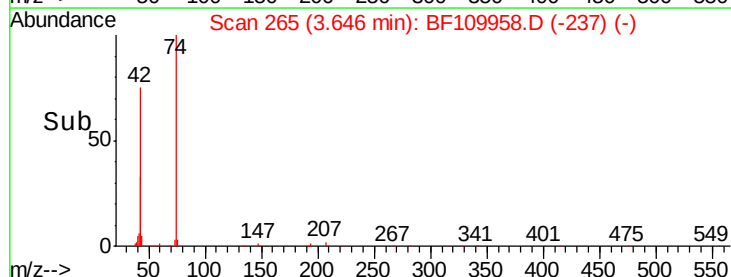
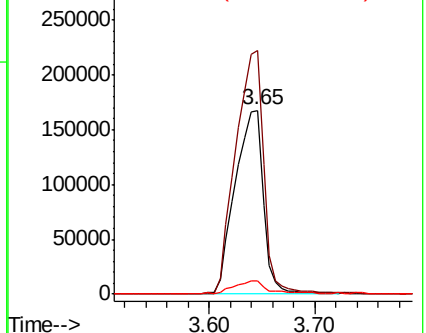
44 7.3 4.9 7.3#

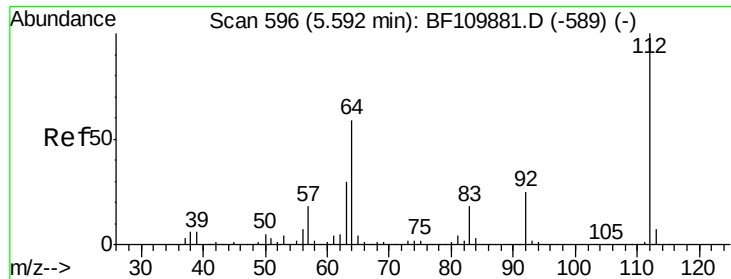


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 102.564 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

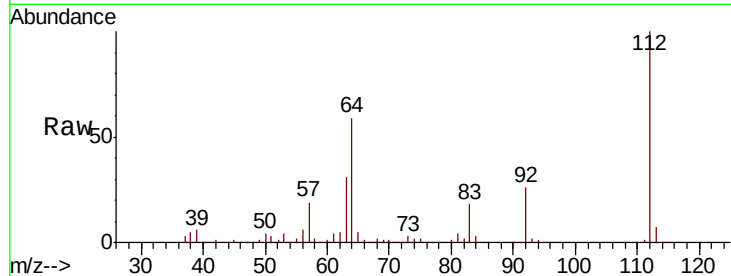
Tot Ion:112 Resp: 1590649

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

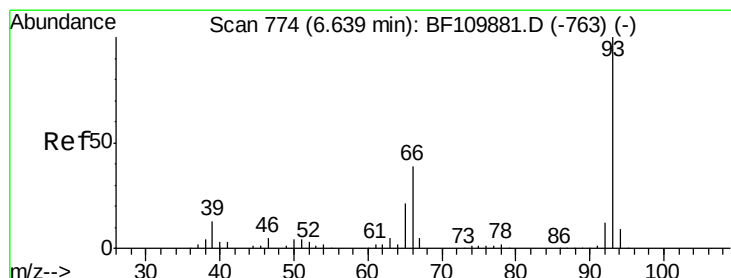
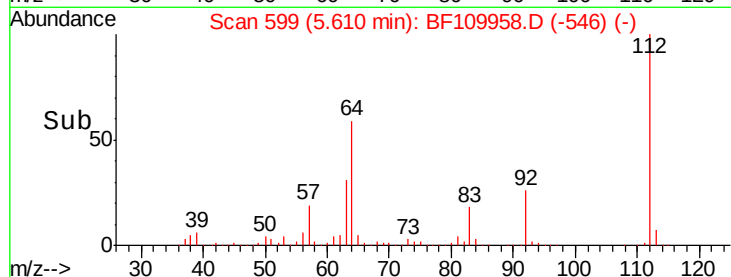
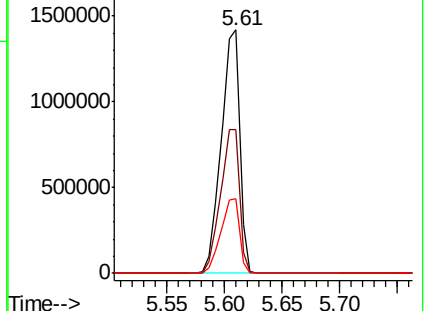
63 30.6 23.7 35.5



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: 20.902 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

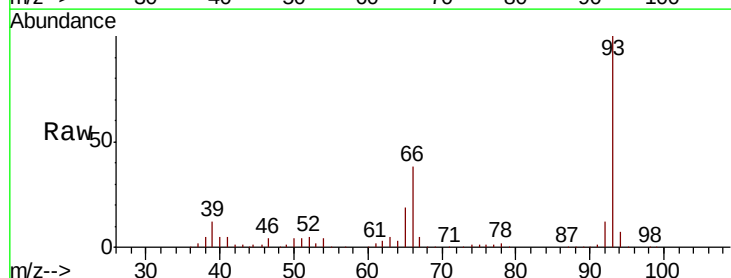
Tgt Ion: 93 Resp: 542458

Ion Ratio Lower Upper

93 100

66 38.3 67.4 101.0#

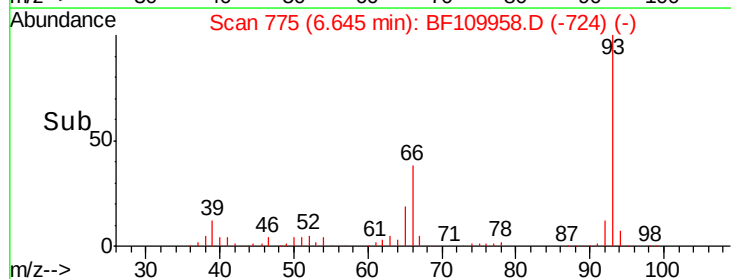
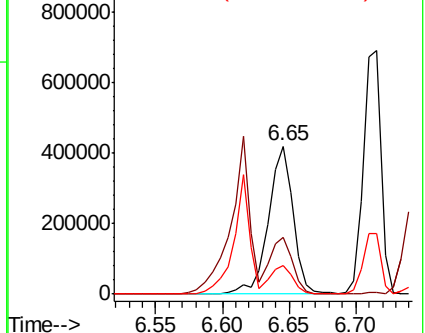
65 18.9 41.0 61.4#

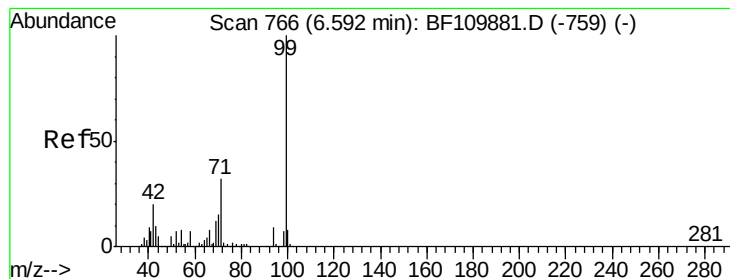


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.303 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

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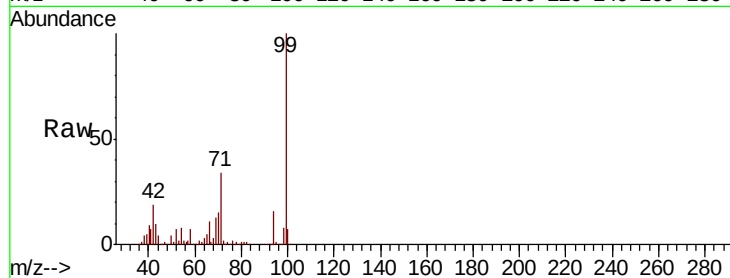
Tot Ion: 99 Resp: 2008663

Ion Ratio Lower Upper

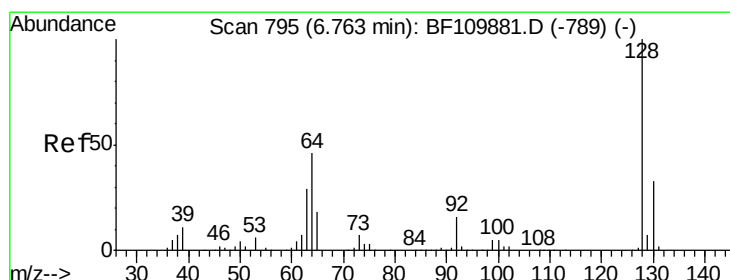
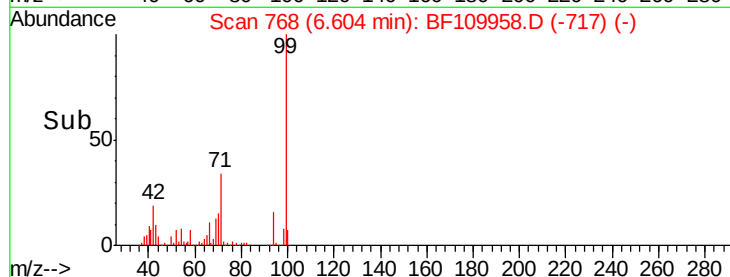
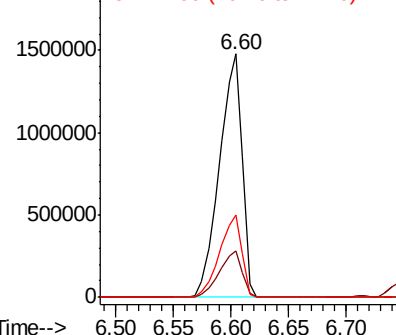
99 100

42 19.3 15.8 23.6

71 33.8 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: 37.768 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

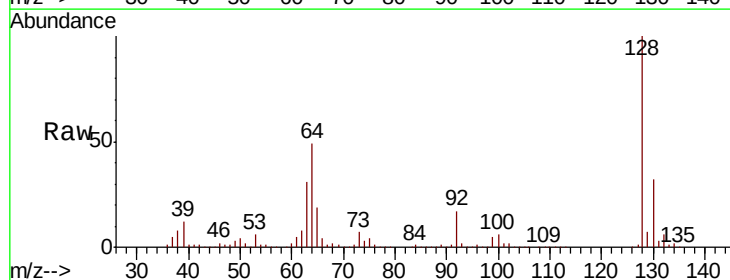
Tgt Ion:128 Resp: 656108

Ion Ratio Lower Upper

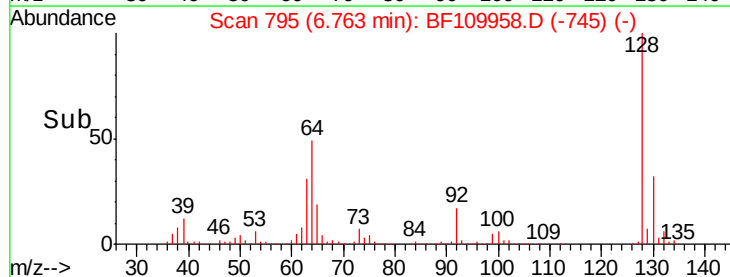
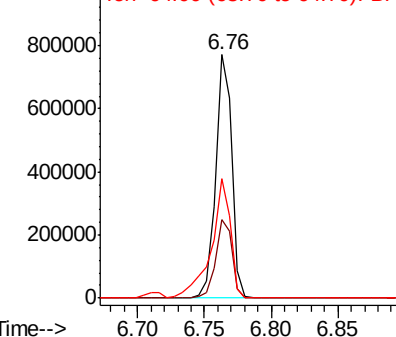
128 100

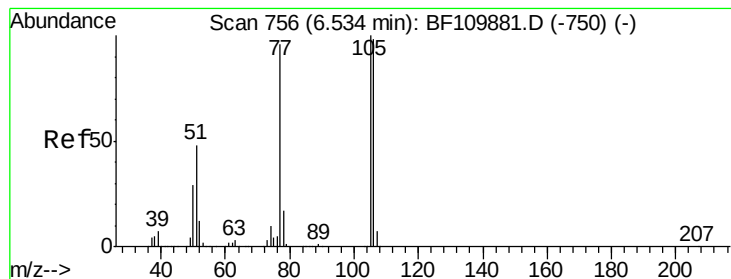
130 32.3 13.1 53.1

64 49.0 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: 21.183 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

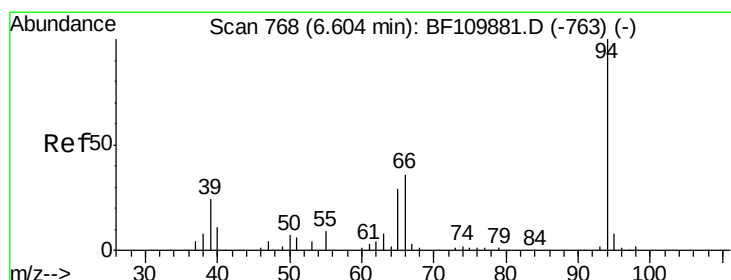
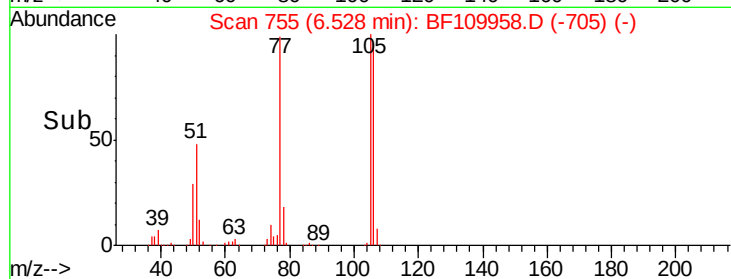
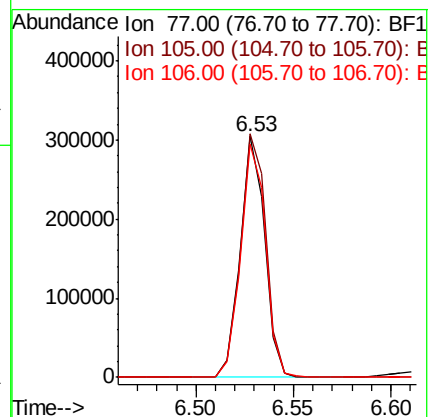
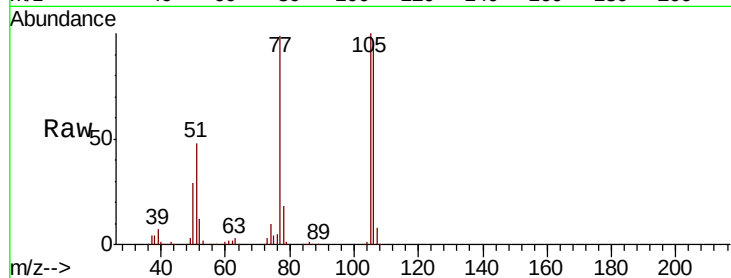
Tot Ion: 77 Resp: 265094

Ion Ratio Lower Upper

77 100

105 101.1 78.6 118.6

106 97.1 74.8 114.8



#10

Phenol

Concen: 45.784 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

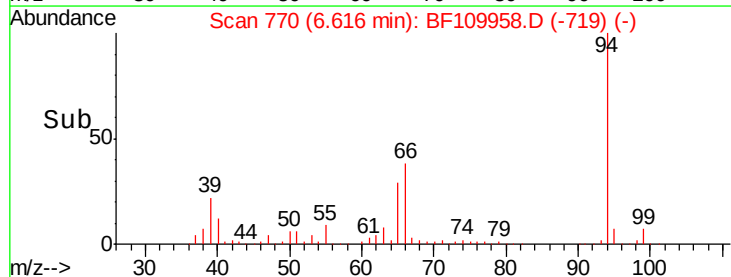
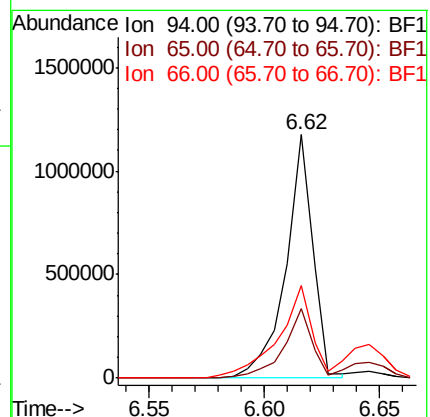
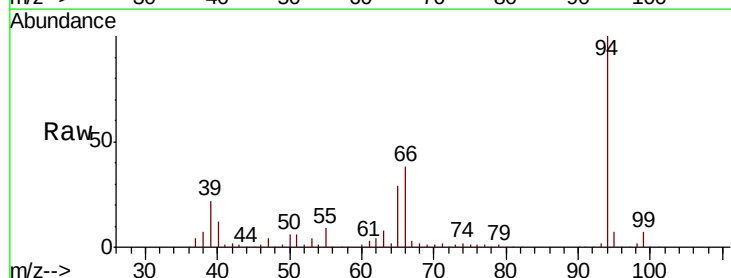
Tgt Ion: 94 Resp: 951945

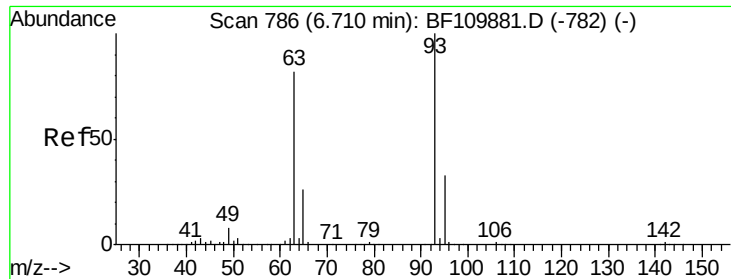
Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

66 37.9 54.5 94.5#

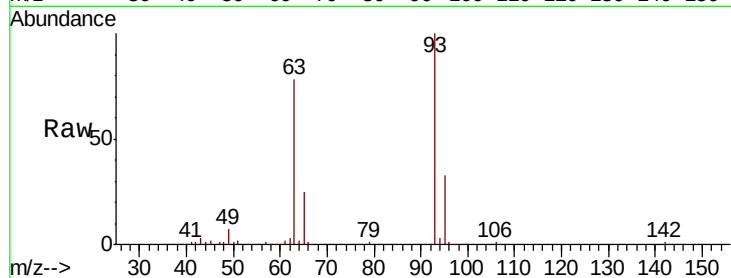




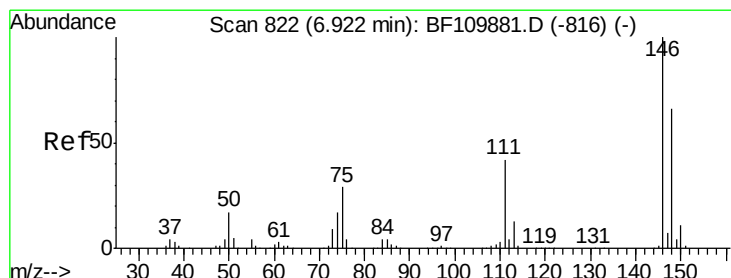
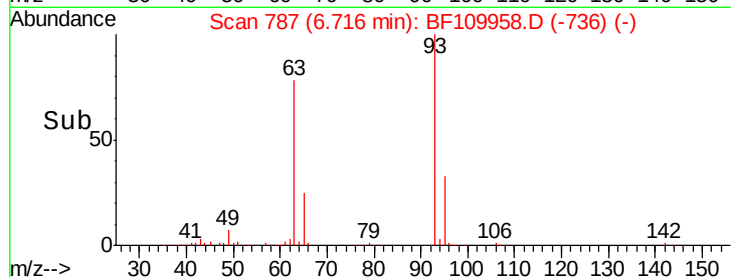
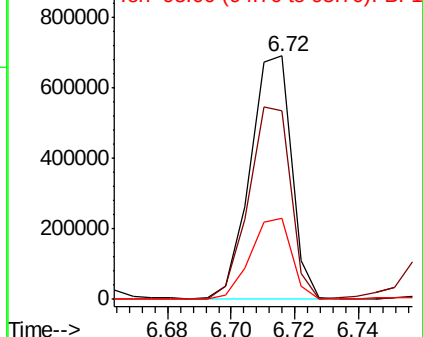
#11
bis(2-Chloroethyl)ether
Concen: 35.901 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 624140
Ion Ratio Lower Upper
93 100
63 77.7 53.4 93.4
95 33.1 12.1 52.1

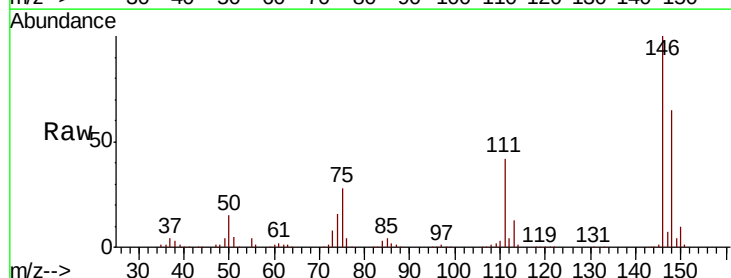


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

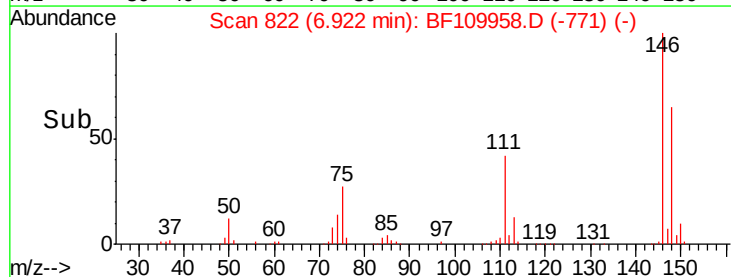
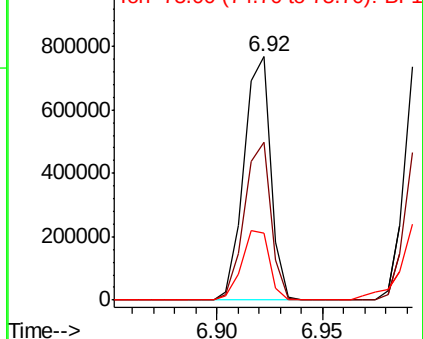


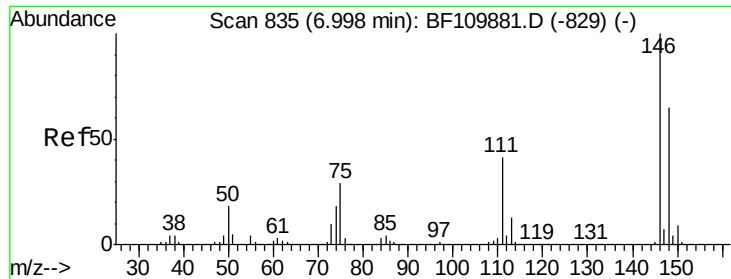
#12
1,3-Dichlorobenzene
Concen: 35.519 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion: 146 Resp: 676603
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
75 27.6 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

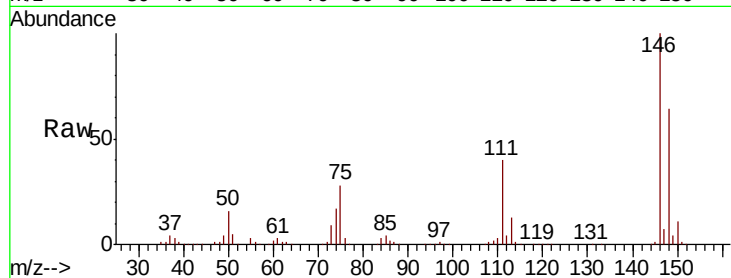




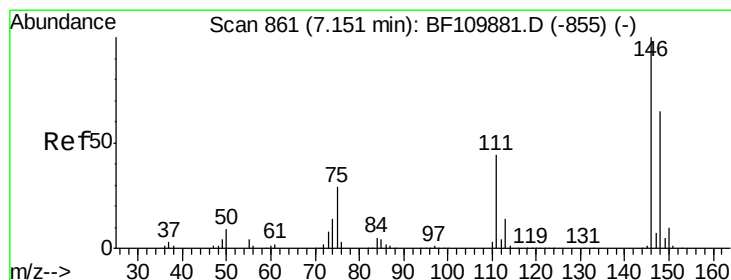
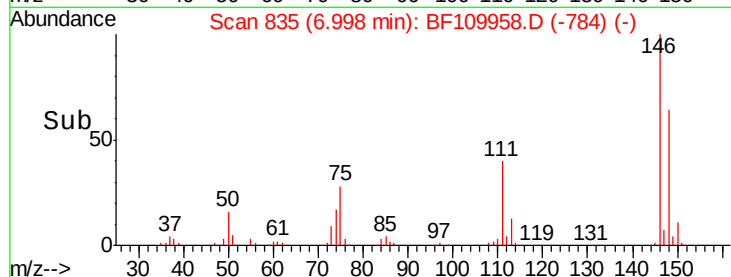
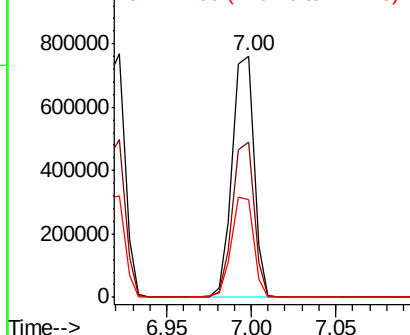
#13
 1,4-Dichlorobenzene
 Concen: 35.647 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 683865
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 40.3 32.7 49.1

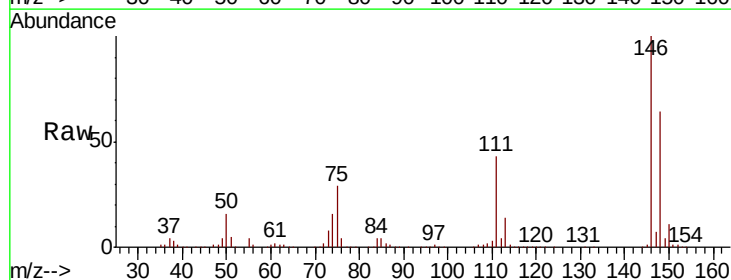


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

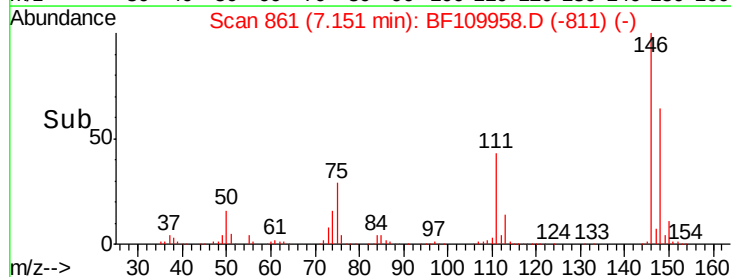
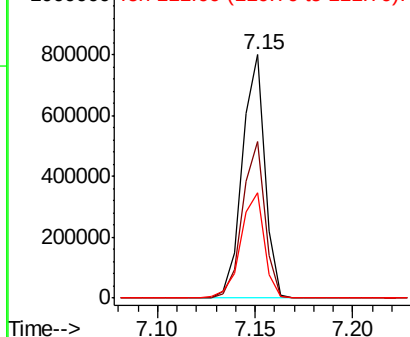


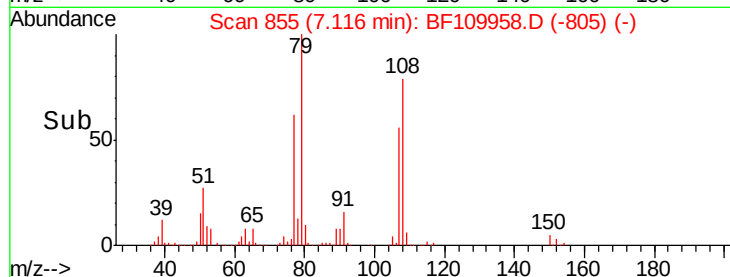
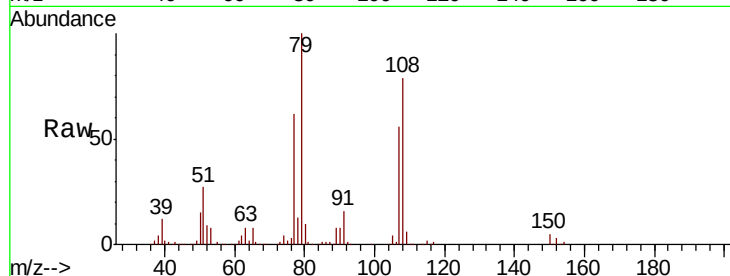
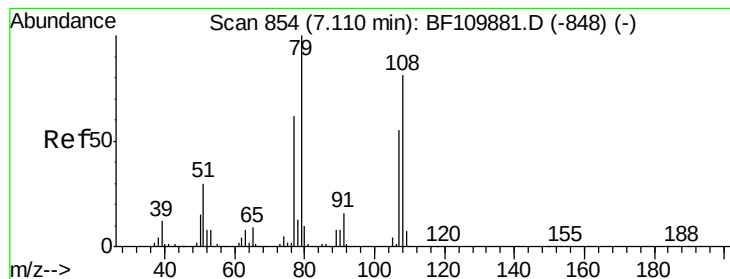
#14
 1,2-Dichlorobenzene
 Concen: 36.176 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion:146 Resp: 639097
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 43.4 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: 38.052 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

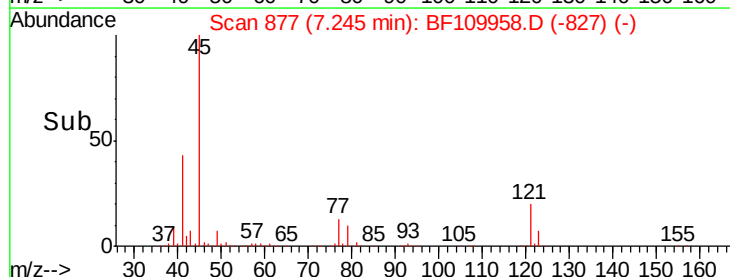
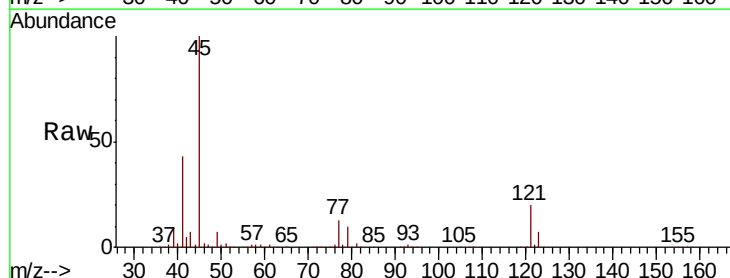
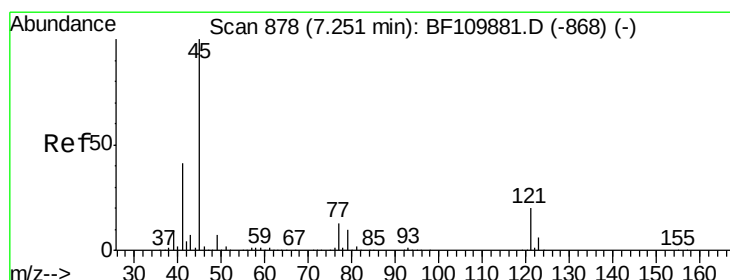
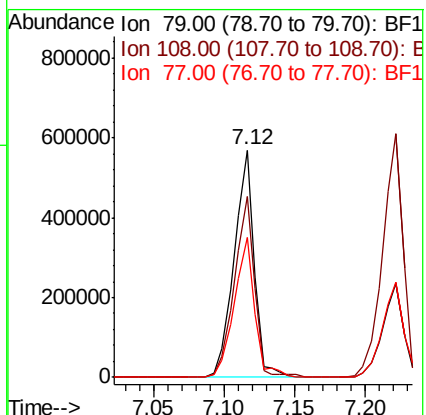
Tot Ion: 79 Resp: 563769

Ion Ratio Lower Upper

79 100

108 79.5 56.3 84.5

77 61.6 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.496 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

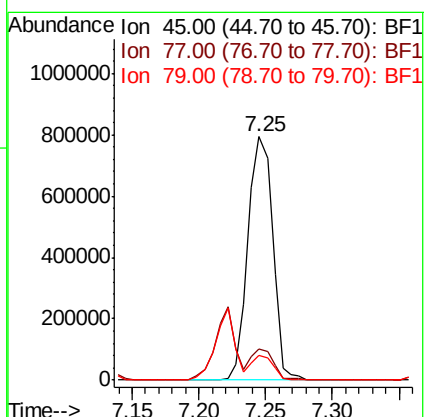
Tgt Ion: 45 Resp: 1012847

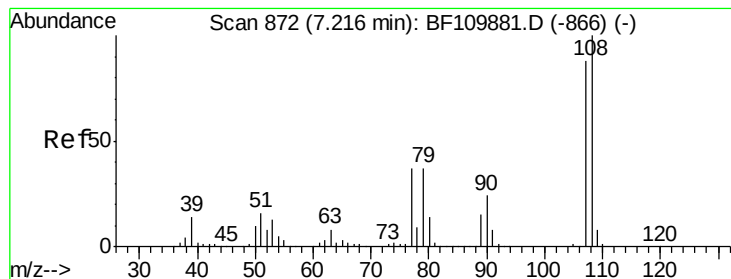
Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

79 10.0 6.1 46.1

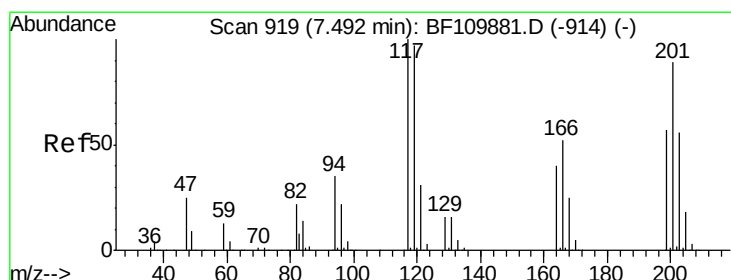
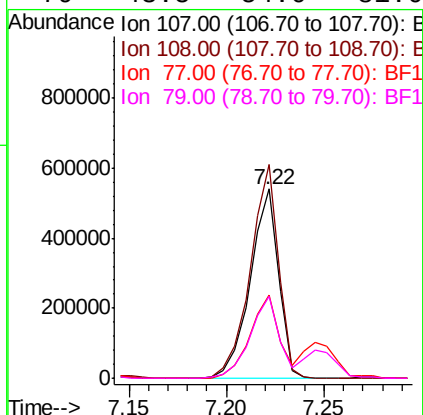
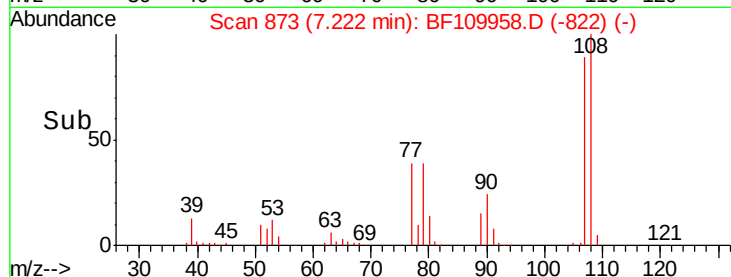
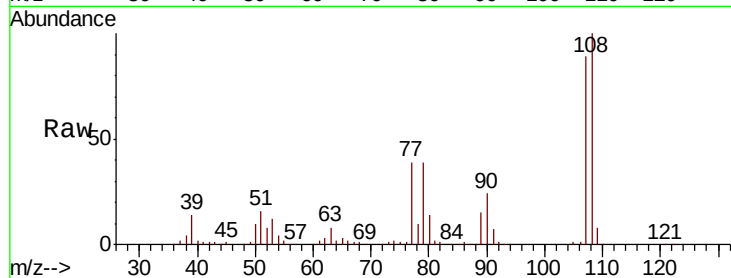




#17
2-Methylphenol
Concen: 38.945 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

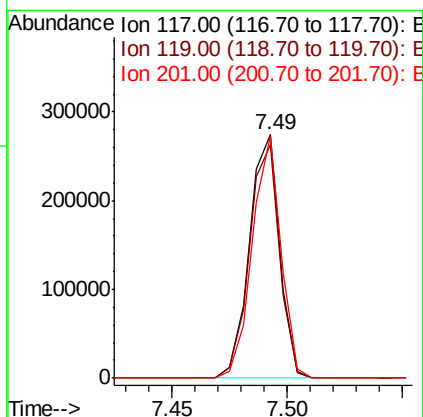
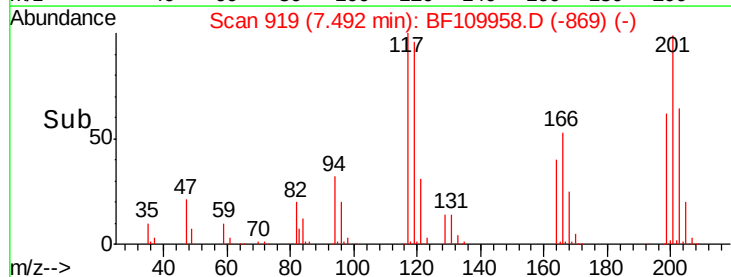
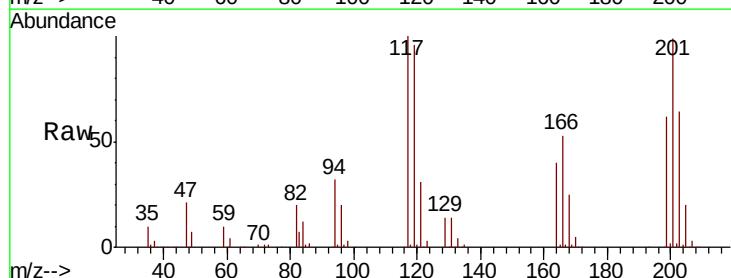
Instrument :
BNA_F
ClientSampleId :

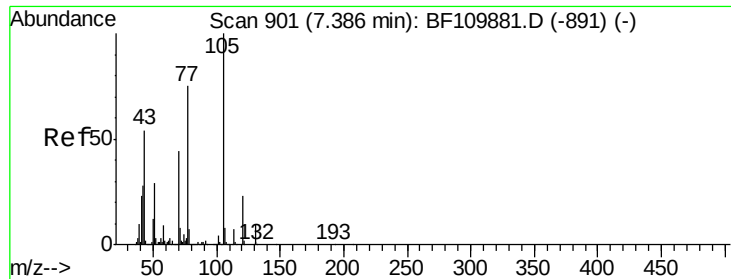
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	44.1	59.4	89.2#
79	43.5	54.0	81.0#



#18
Hexachloroethane
Concen: 36.899 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
201	99.3	79.2	118.8

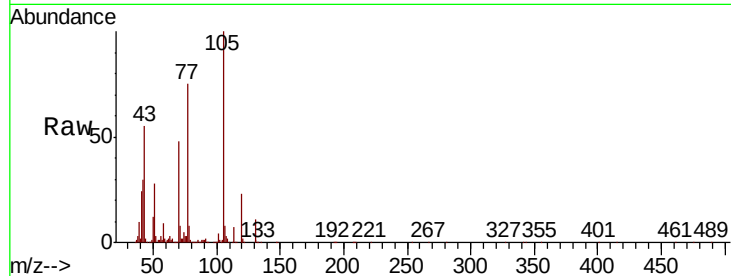




#19
n-Nitroso-di-n-propylamine
Concen: 35.457 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	438428
Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.4	71.2
101	9.3	7.3	10.9
130	22.2	16.2	24.2



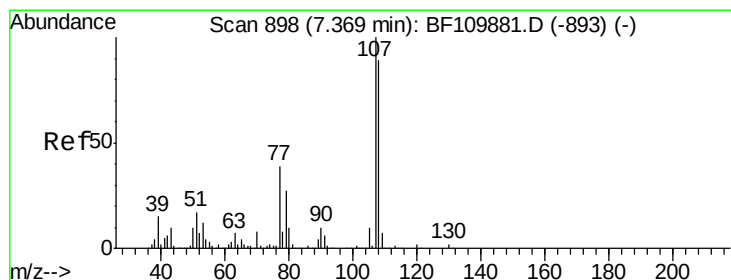
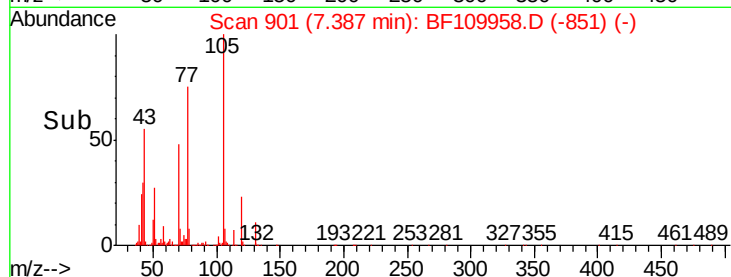
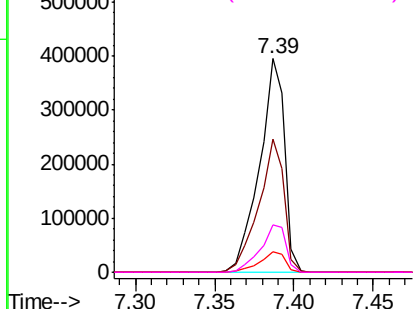
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

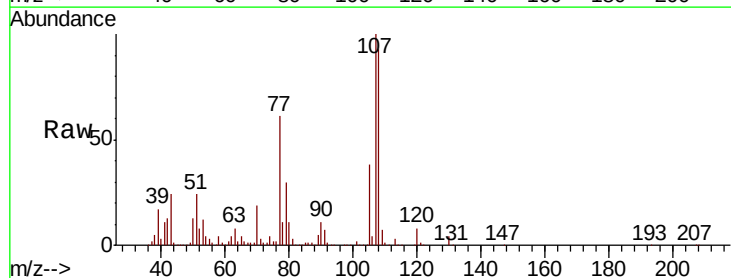
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.028 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:	107	Resp:	658234
Ion	Ratio	Lower	Upper
107	100		
108	93.1	71.4	111.4
77	61.1	47.3	87.3
79	29.7	10.9	50.9



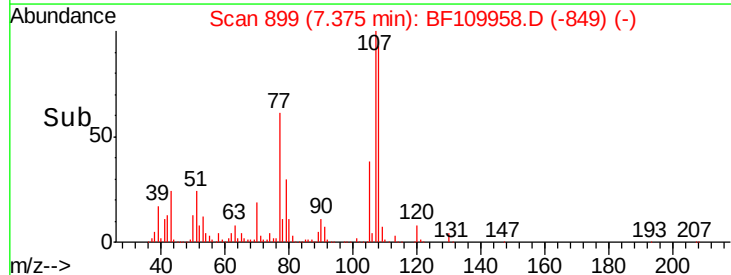
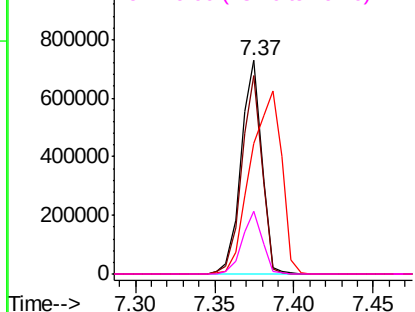
Abundance

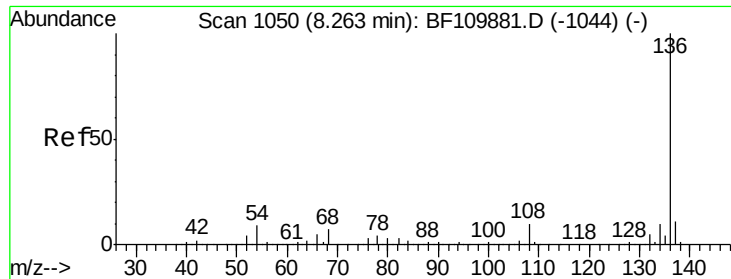
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

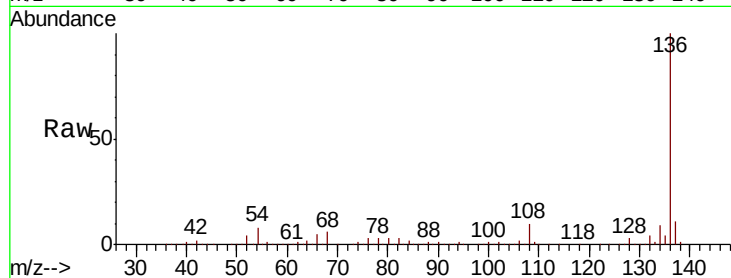




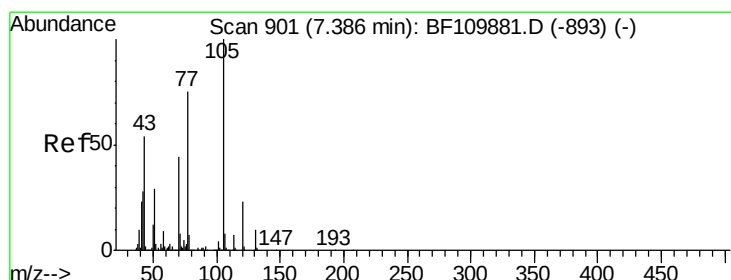
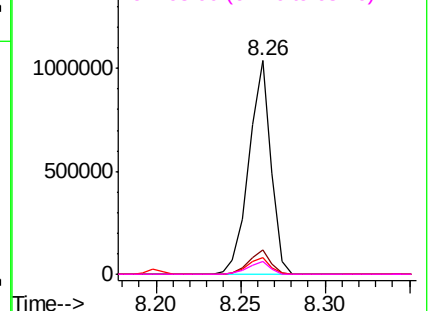
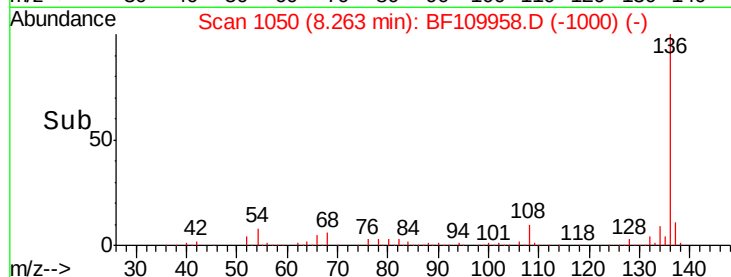
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	944618
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.0	5.4 8.2
68	6.0	4.2 6.2

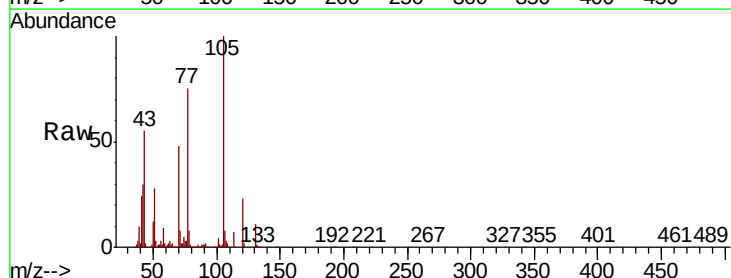


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

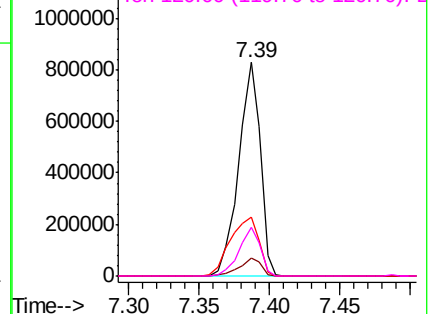
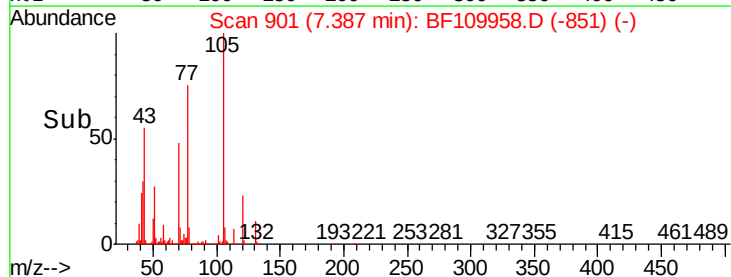


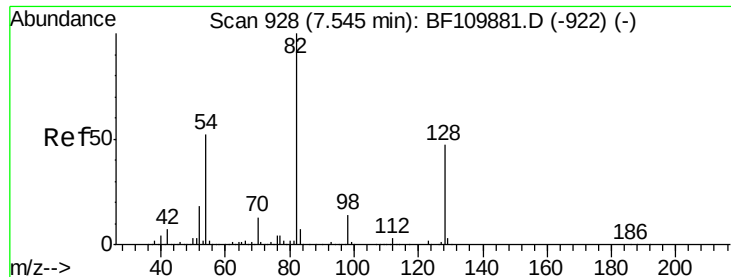
#22
Acetophenone
Concen: 40.217 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:105	Resp:	881021
Ion Ratio	Lower	Upper
105	100	
71	8.3	5.2 7.8#
51	27.6	21.8 32.8
120	22.7	17.0 25.4



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



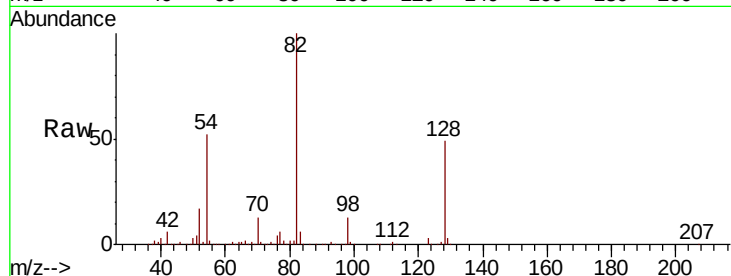


#23
 Nitrobenzene-d5
 Concen: 87.777 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

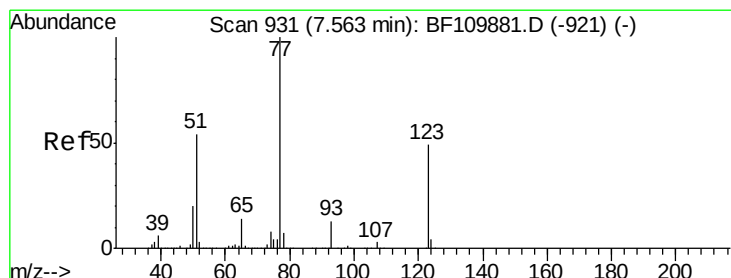
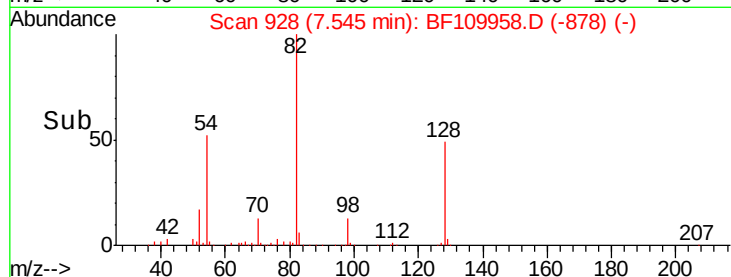
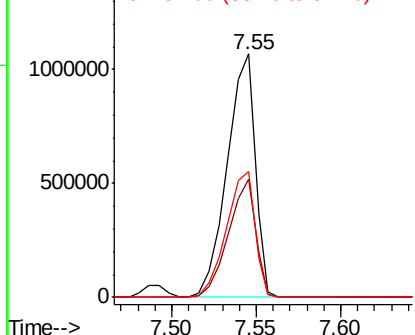
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1230863

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.2	51.2
54	51.9	38.6	58.0



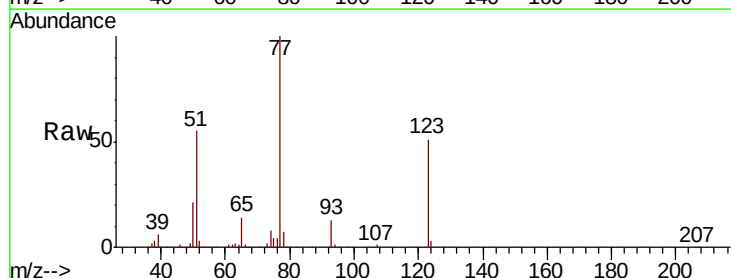
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



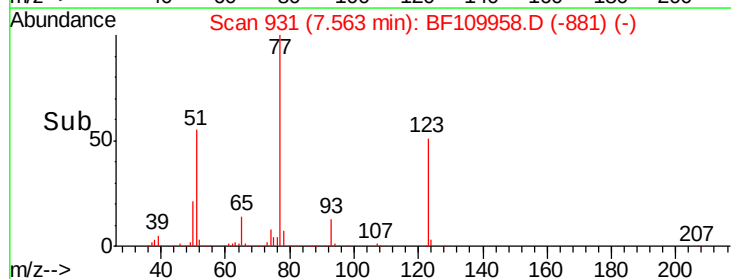
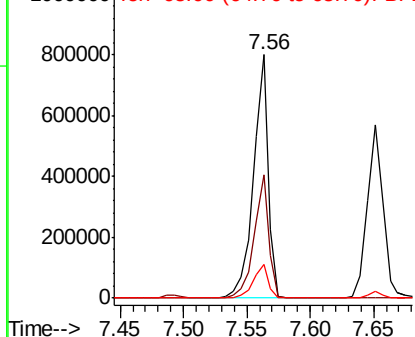
#24
 Nitrobenzene
 Concen: 43.089 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

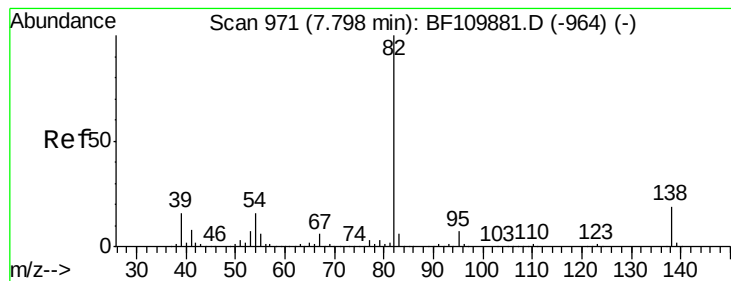
Tgt Ion: 77 Resp: 656395

Ion	Ratio	Lower	Upper
77	100		
123	50.9	35.7	53.5
65	13.9	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: 44.548 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

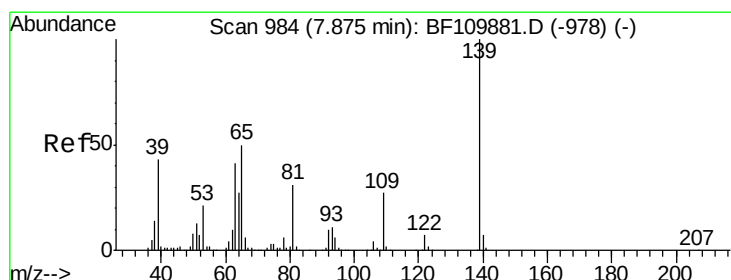
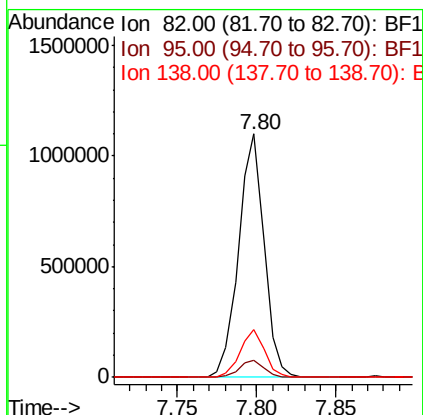
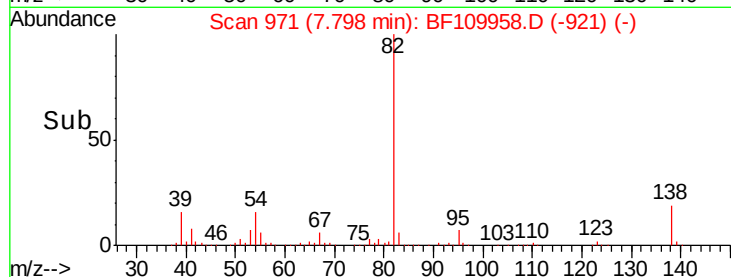
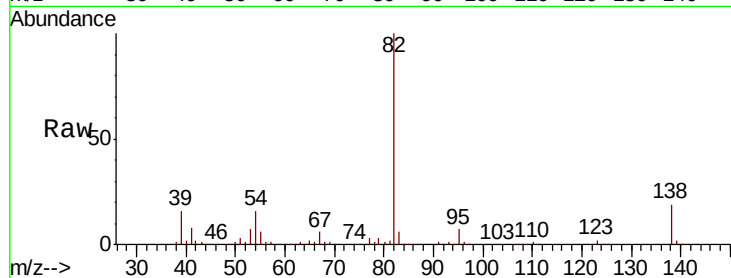
Tot Ion: 82 Resp: 1227440

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 19.4 13.2 19.8



#26

2-Nitrophenol

Concen: 52.677 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

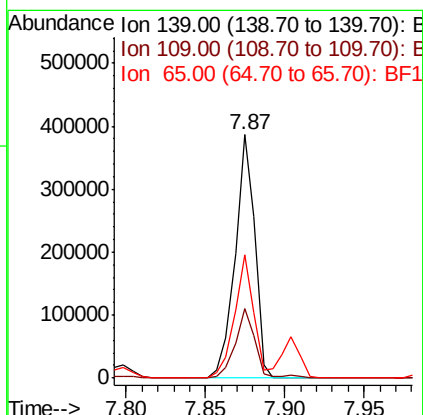
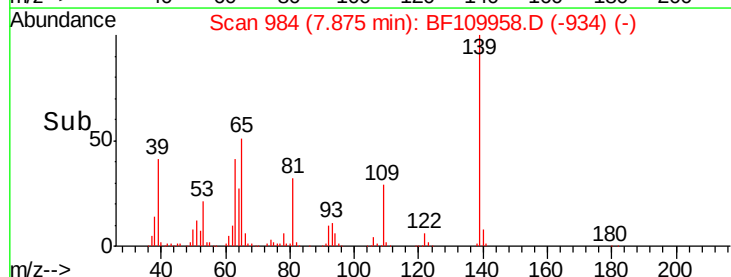
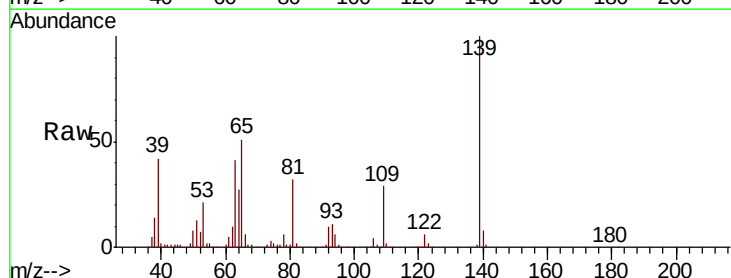
Tgt Ion: 139 Resp: 332712

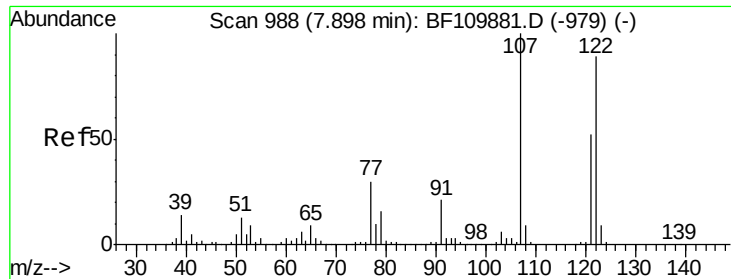
Ion Ratio Lower Upper

139 100

109 28.5 25.0 37.6

65 50.7 44.0 66.0

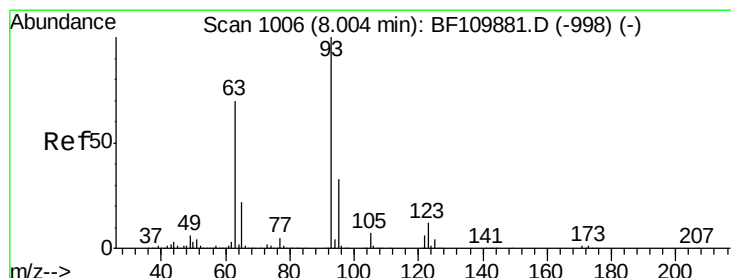
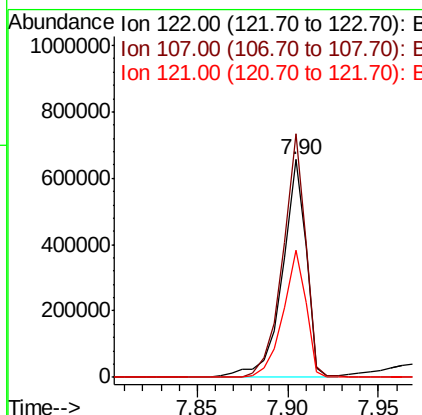
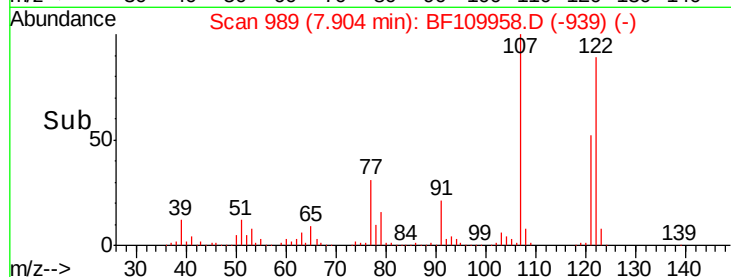
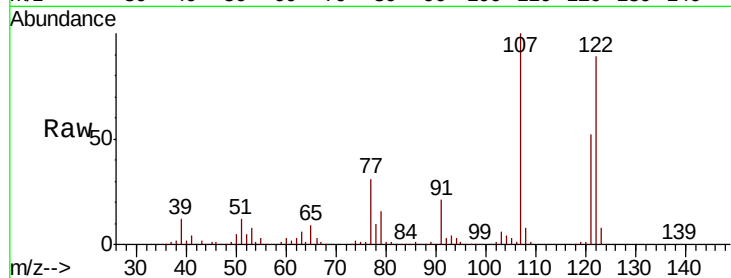




#27
2,4-Dimethylphenol
Concen: 45.486 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

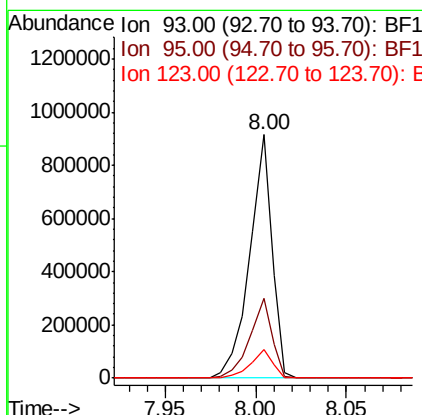
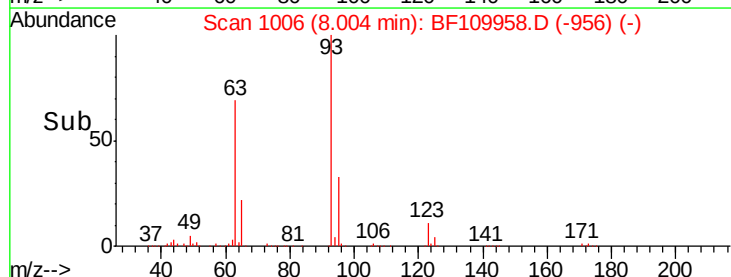
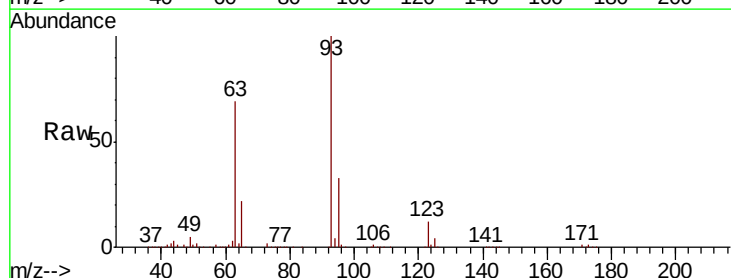
Instrument :
BNA_F
ClientSampleId :

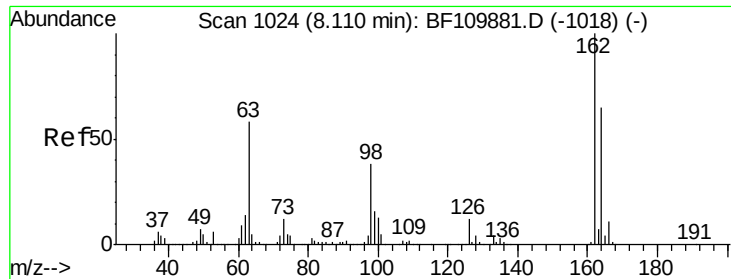
Tot Ion:122 Resp: 603667
Ion Ratio Lower Upper
122 100
107 112.0 92.5 138.7
121 58.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.489 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion: 93 Resp: 784543
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.6 9.0 13.6

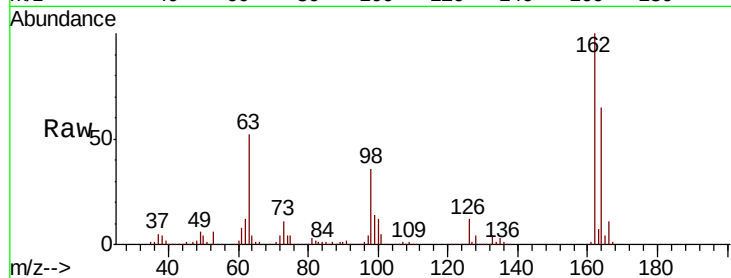




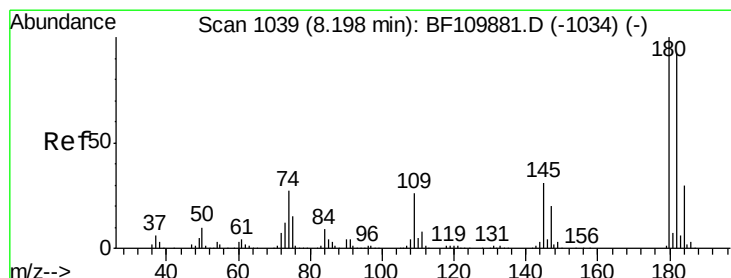
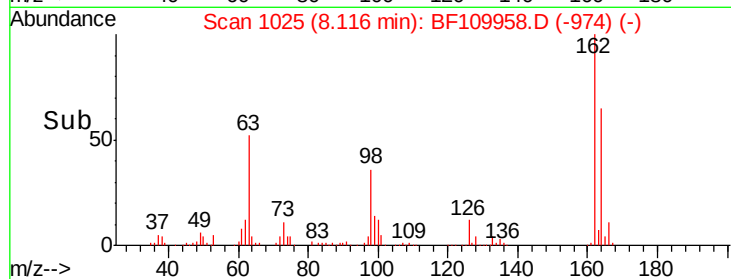
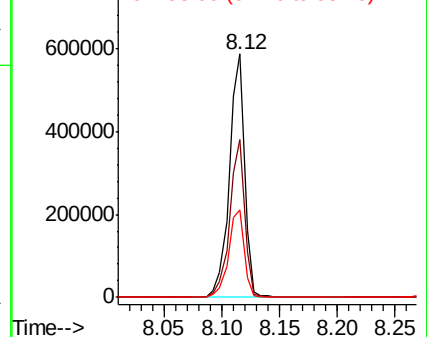
#29
2,4-Dichlorophenol
Concen: 41.807 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.7	17.4	57.4

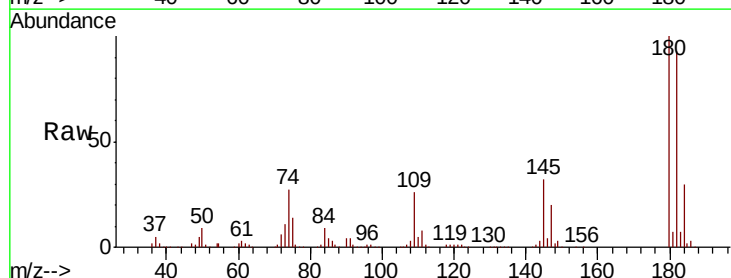


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

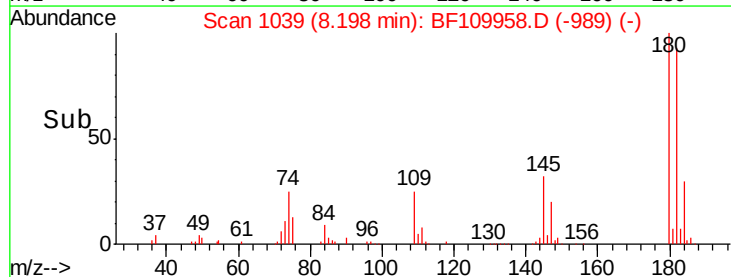
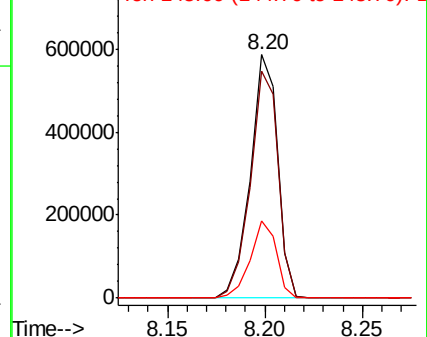


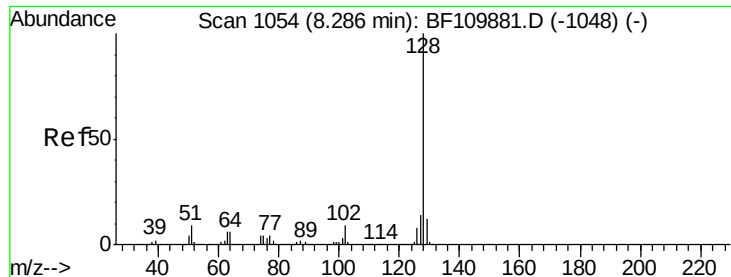
#30
1,2,4-Trichlorobenzene
Concen: 39.349 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	80.3	120.5
145	31.9	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

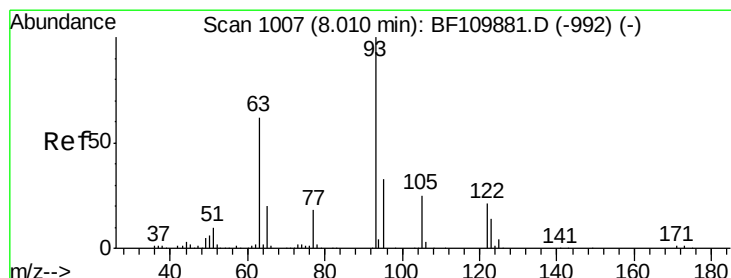
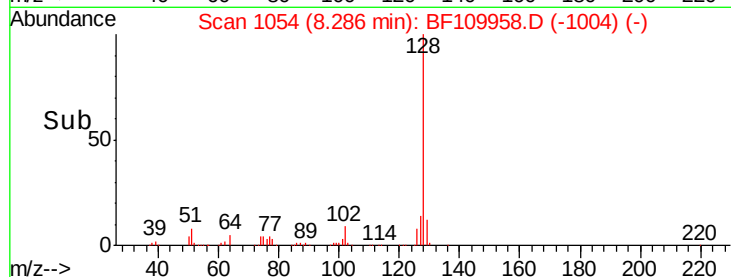
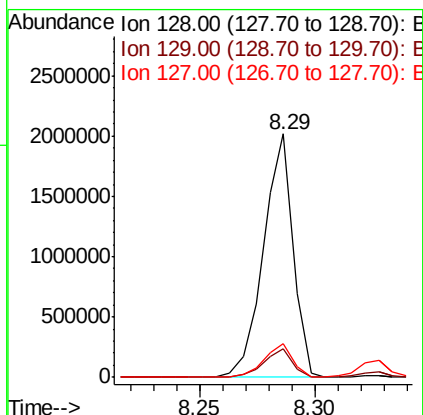
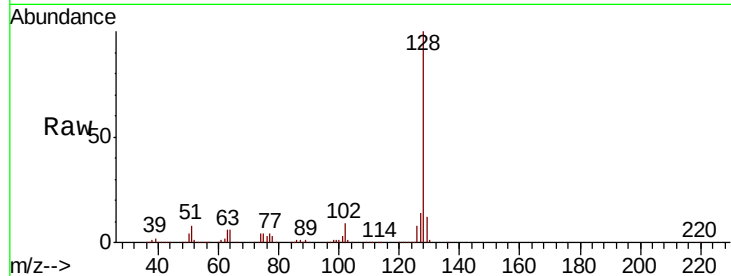




#31
Naphthalene
Concen: 41.475 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

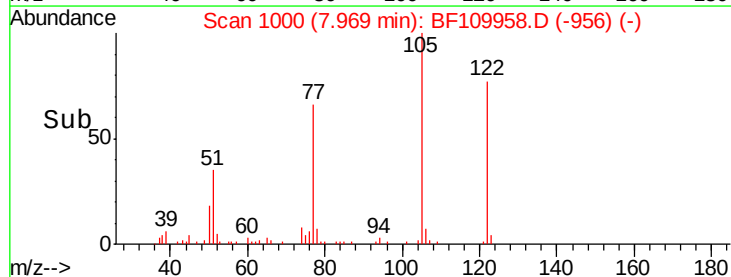
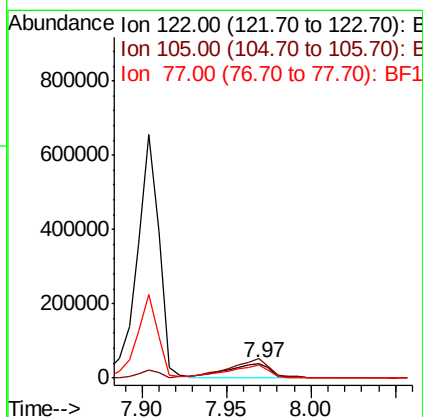
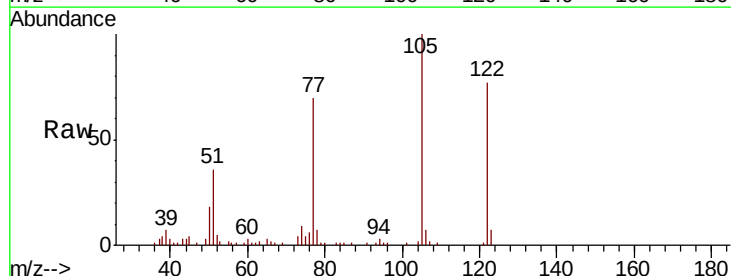
Instrument :
BNA_F
ClientSampleId :

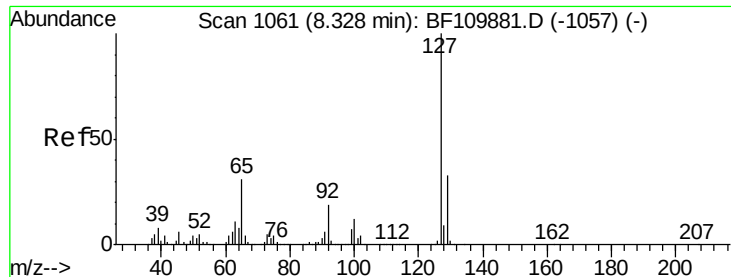
Tot Ion:128 Resp: 1796581
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 8.403 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:122 Resp: 69485
Ion Ratio Lower Upper
122 100
105 129.2 109.0 149.0
77 90.1 79.0 119.0

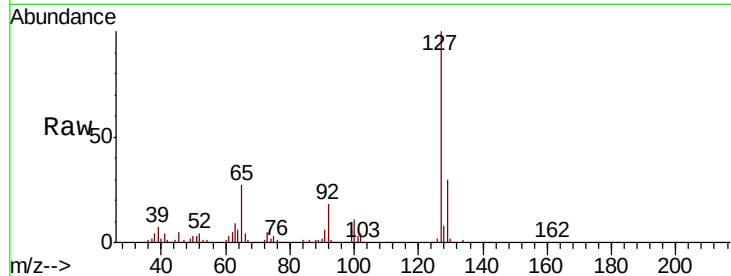




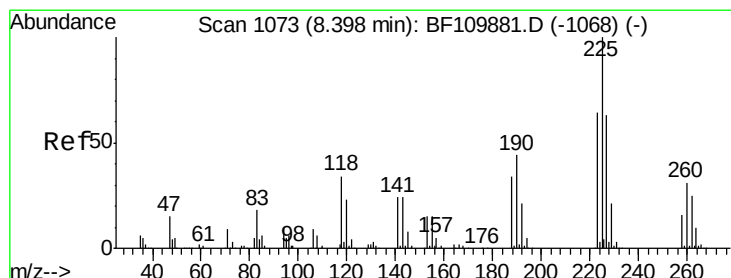
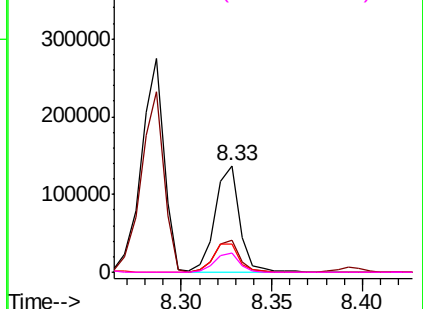
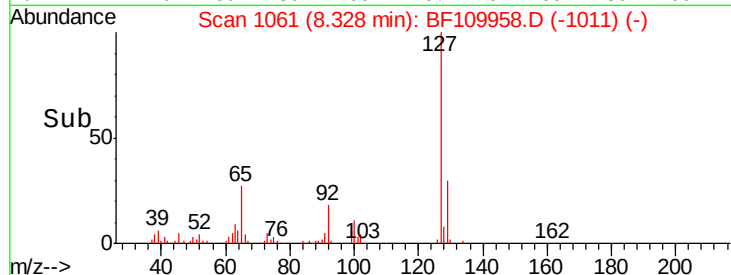
#33
4-Chloroaniline
Concen: 6.687 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130212
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.0	39.0
65	26.9	25.1	37.7
92	17.5	15.0	22.6

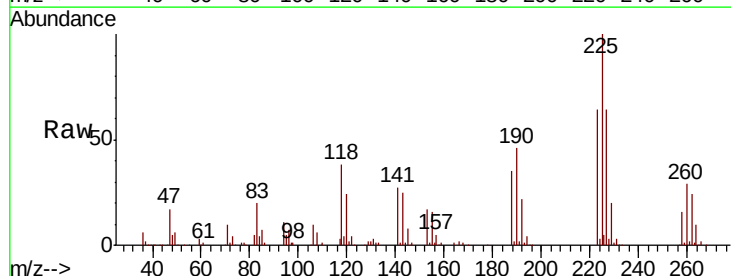


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

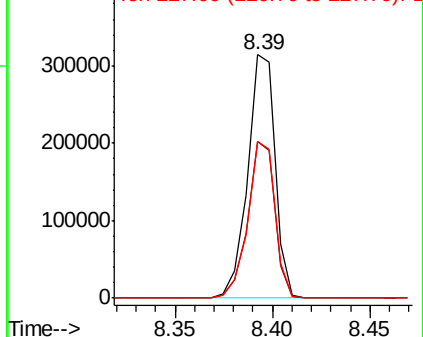
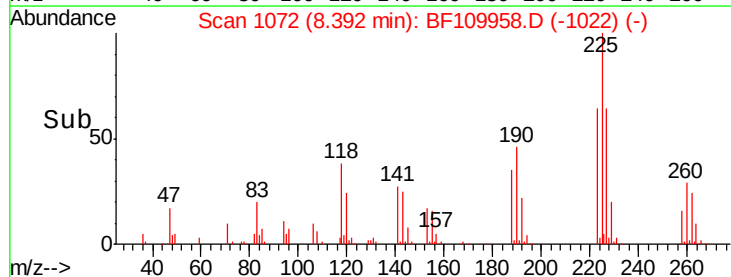


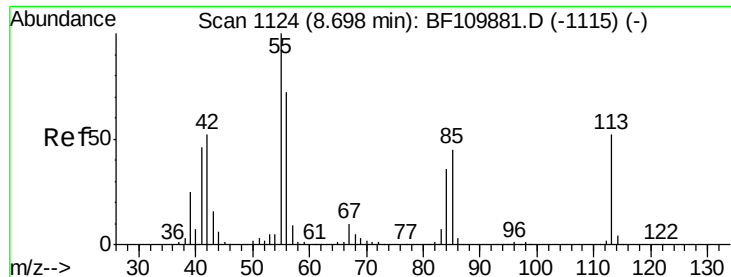
#34
Hexachlorobutadiene
Concen: 38.509 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:	225	Resp:	306108
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.2
227	64.5	51.0	76.6



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

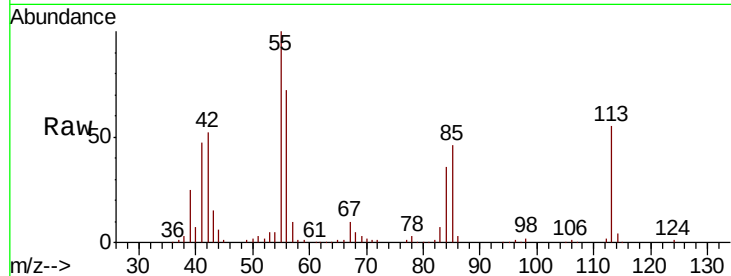




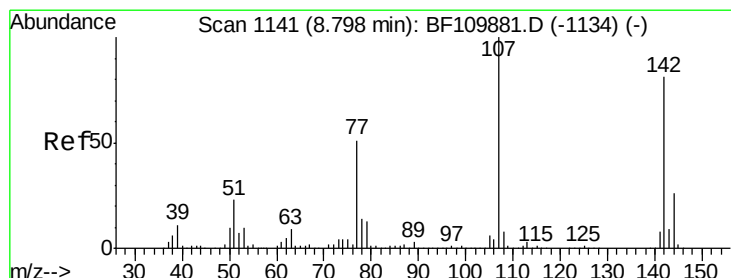
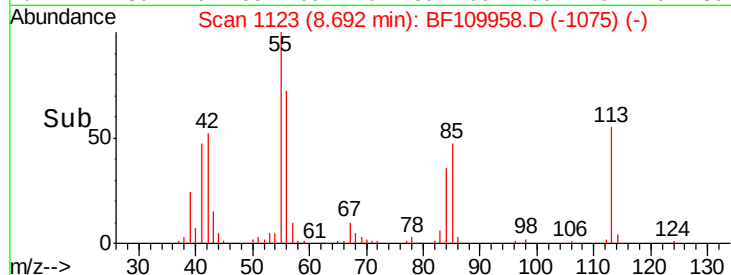
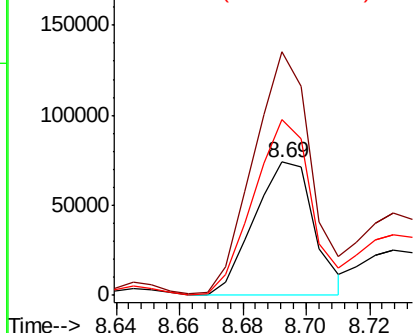
#35
Caprolactam
Concen: 21.125 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 96589
Ion Ratio Lower Upper
113 100
55 182.5 142.8 182.8
56 131.9 105.0 145.0

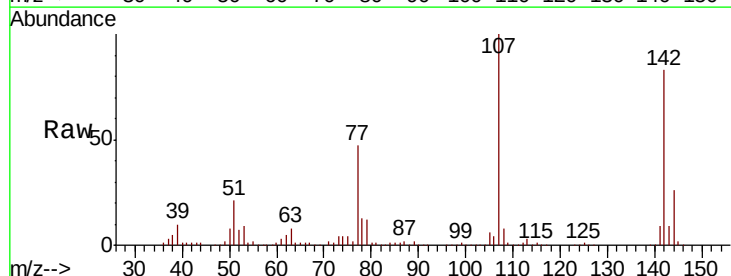


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

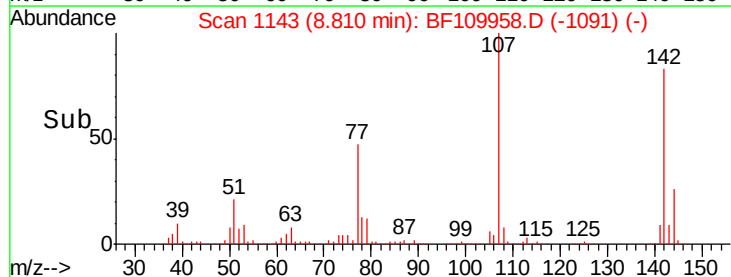
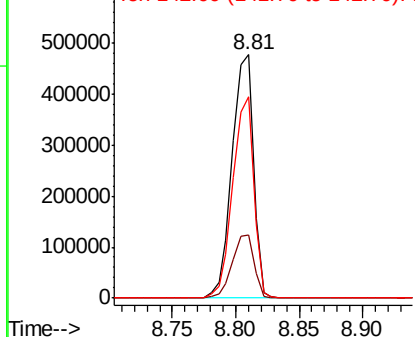


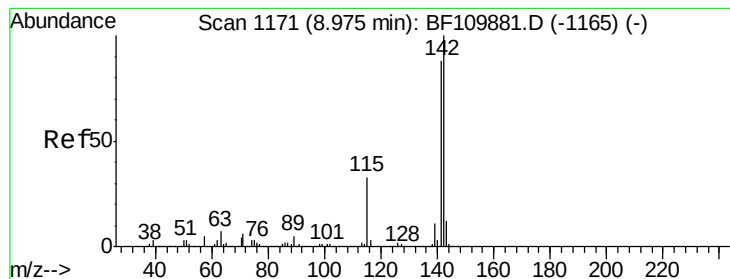
#36
4-Chloro-3-methylphenol
Concen: 41.023 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:107 Resp: 557169
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 82.9 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: 43.057 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

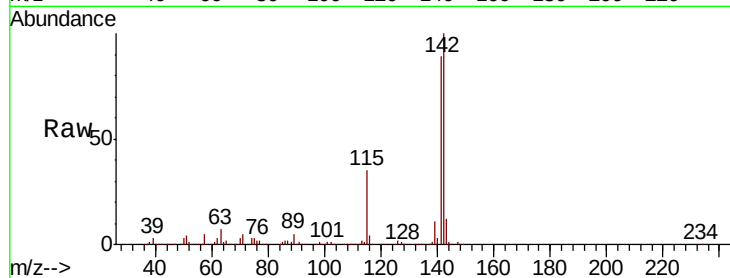
Tot Ion:142 Resp: 1207707

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

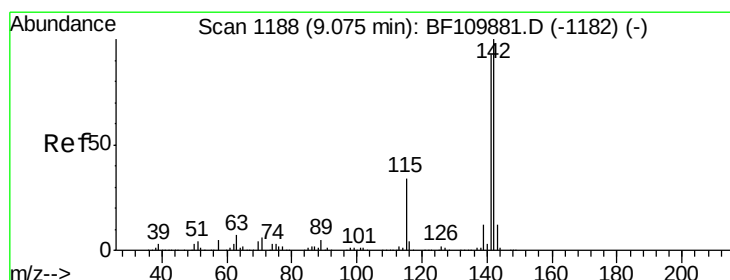
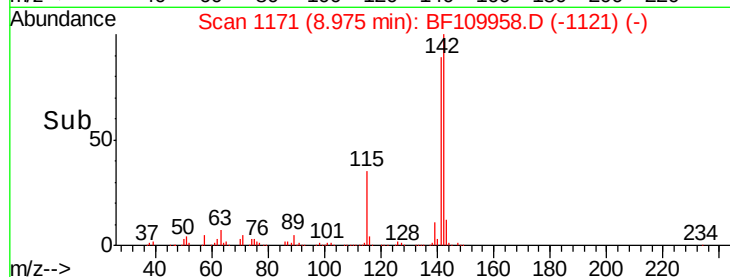
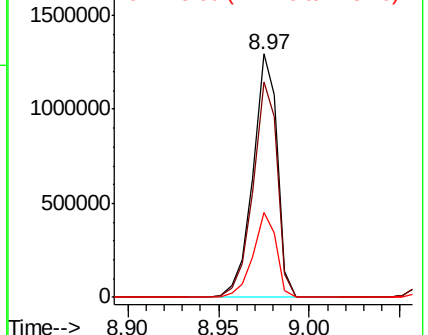
115 34.9 28.7 43.1



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: 42.096 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

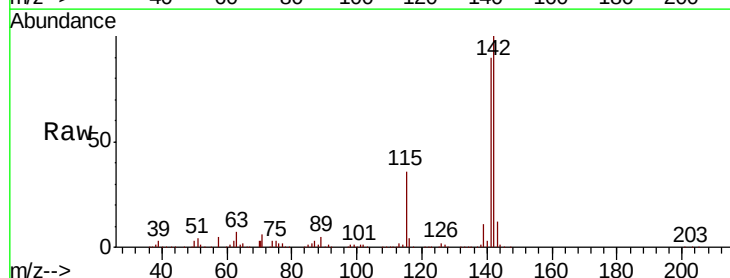
Tgt Ion:142 Resp: 1144130

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4

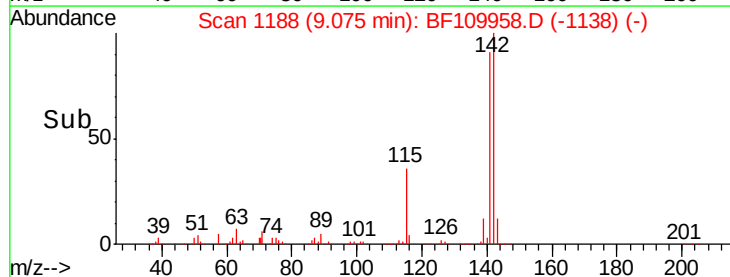
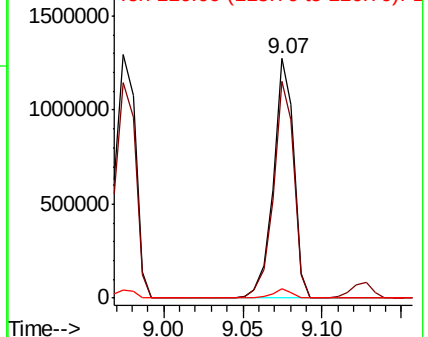
116 3.8 2.6 4.0

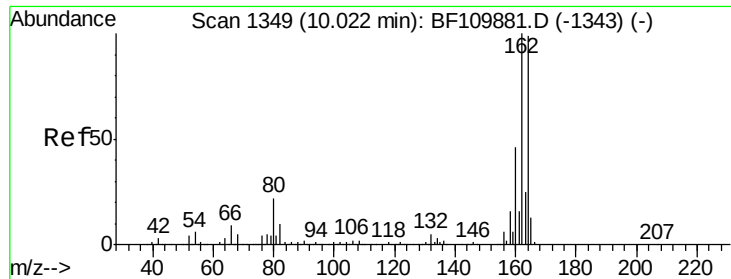


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

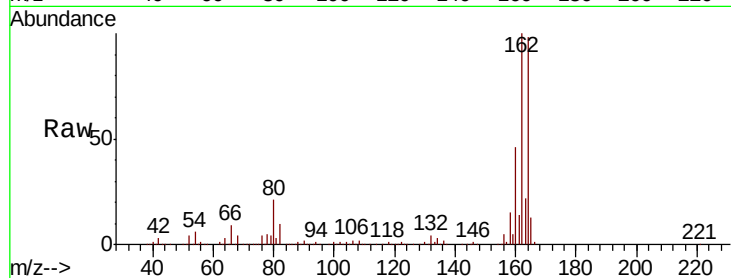
Tot Ion:164 Resp: 421983

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

160 46.6 37.0 55.6

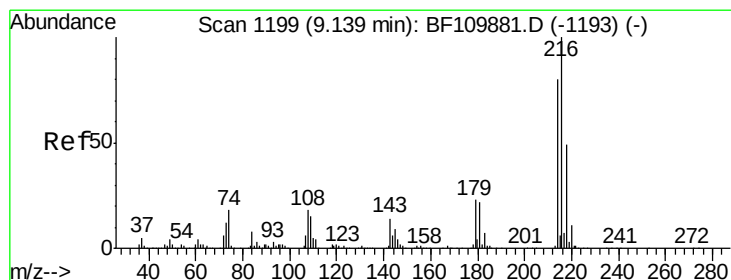
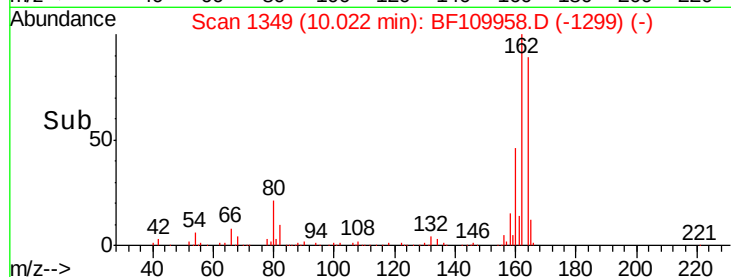
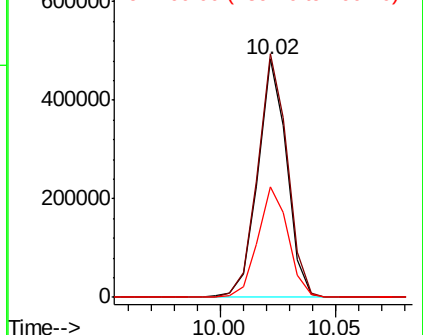


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.809 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:216 Resp: 517426

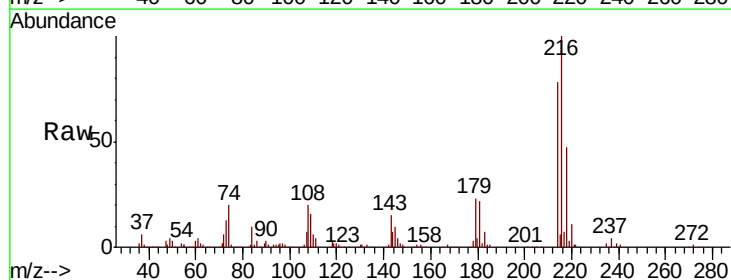
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.5 16.6 25.0

108 21.7 15.1 22.7



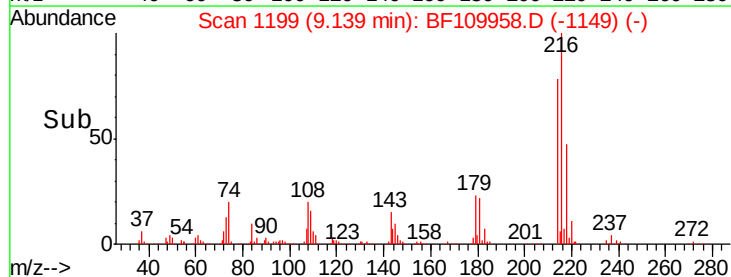
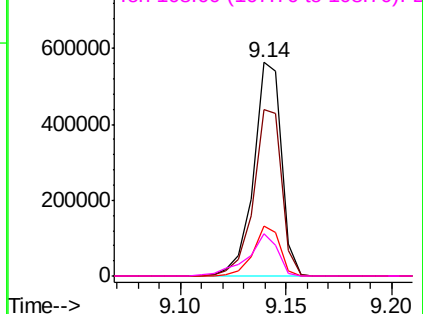
Abundance

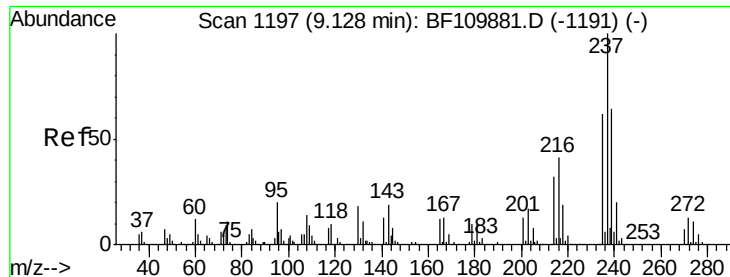
Ion 216.00 (215.70 to 216.70): E

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

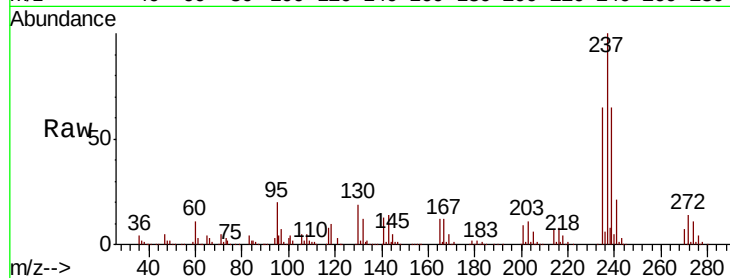




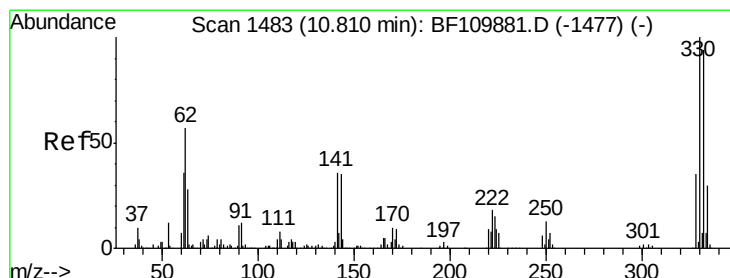
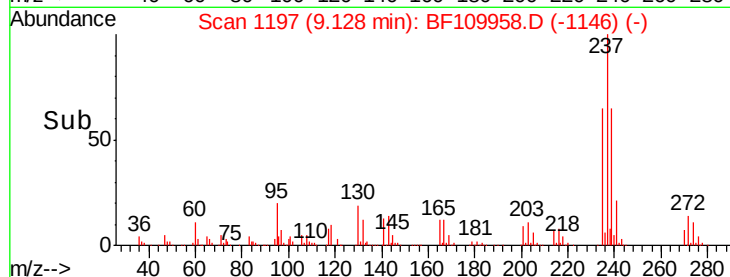
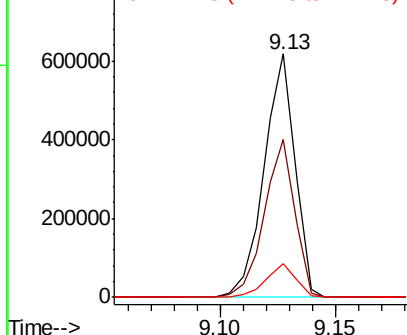
#41
Hexachlorocyclopentadiene
Concen: 91.554 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	13.6	0.0	32.6

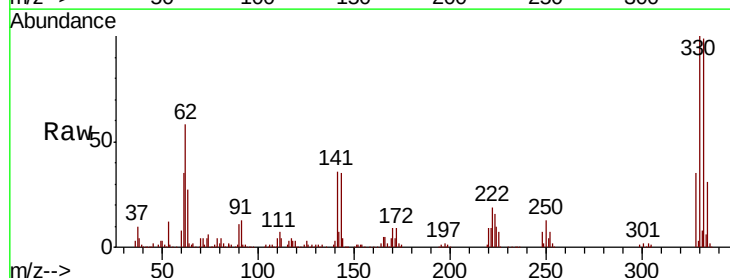


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

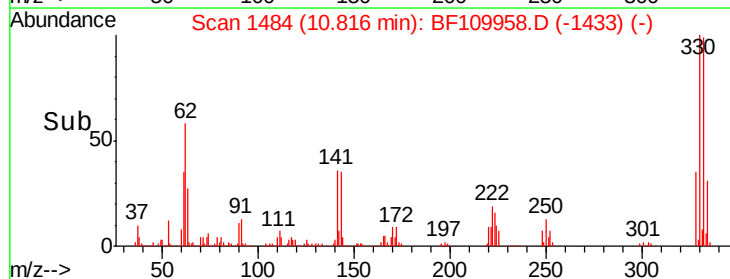
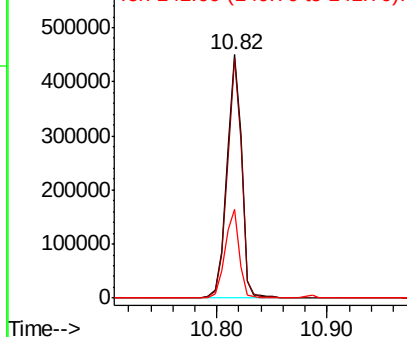


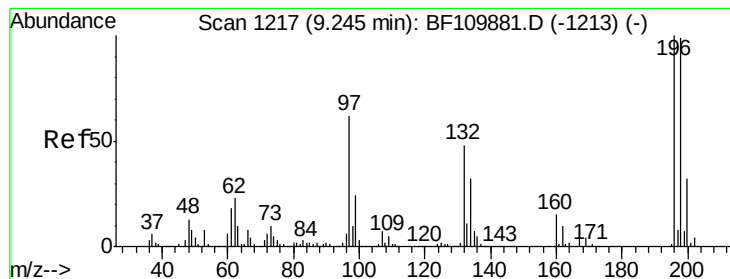
#42
2,4,6-Tribromophenol
Concen: 115.544 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	35.3	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: 43.544 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

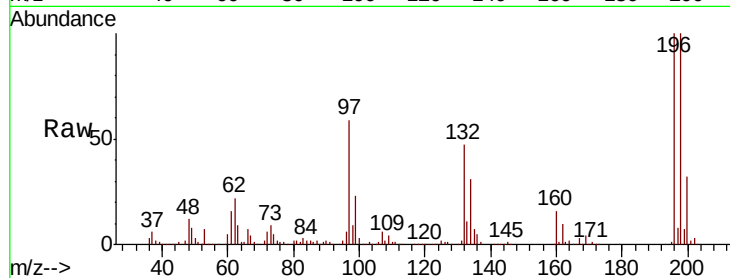
Tot Ion:196 Resp: 353894

Ion Ratio Lower Upper

196 100

198 99.9 76.2 114.4

200 31.8 24.4 36.6

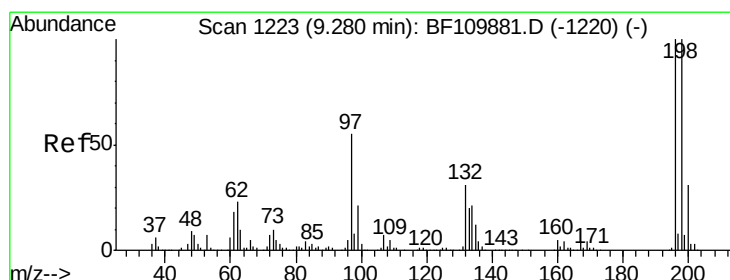
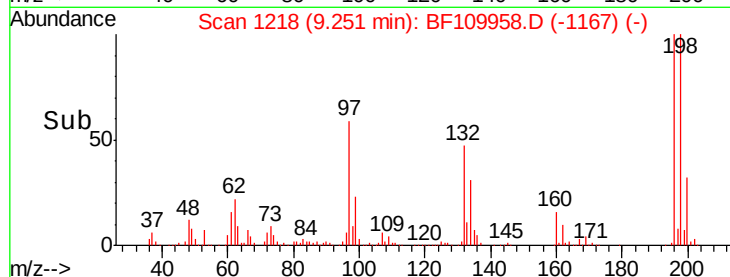
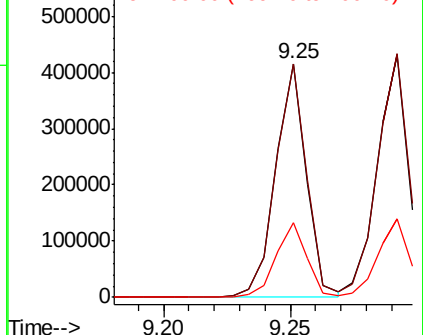


Abundance

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: 43.892 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Tgt Ion:196 Resp: 370231

Ion Ratio Lower Upper

196 100

198 100.7 75.8 113.6

97 49.7 42.4 63.6

132 30.0 22.8 34.2

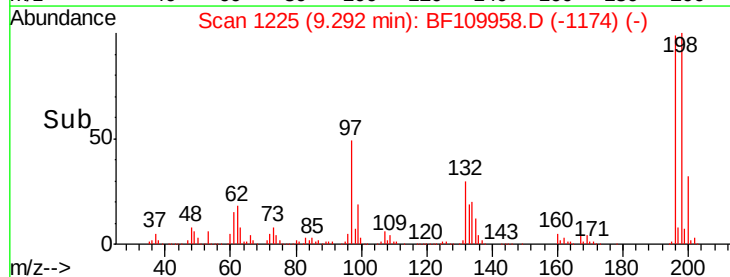
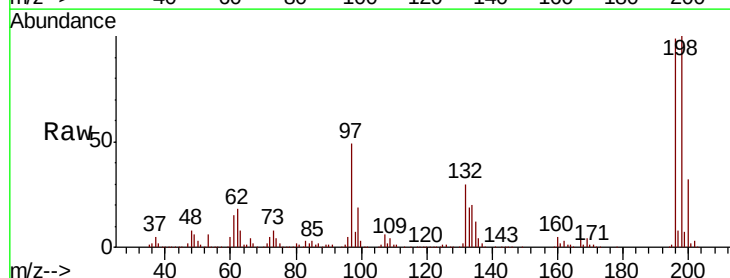
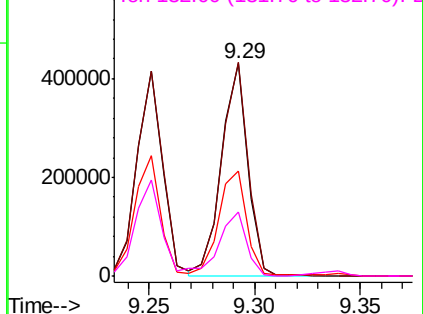
Abundance

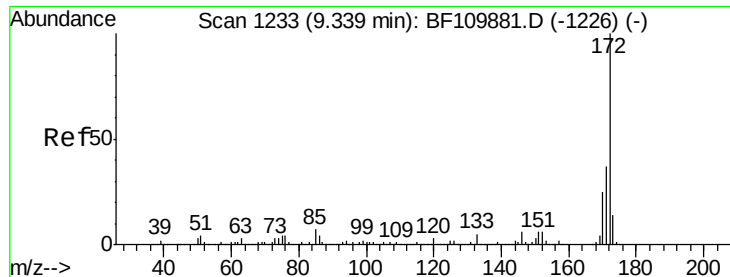
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

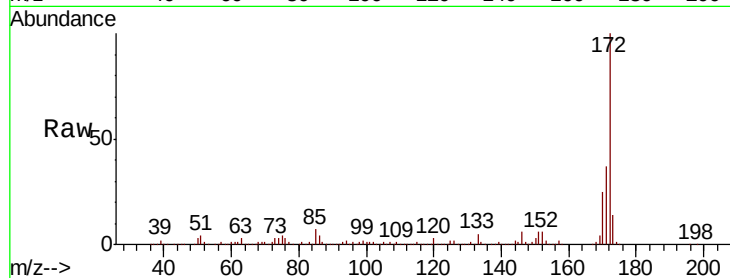




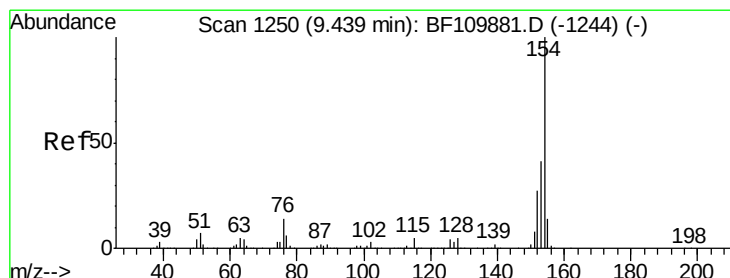
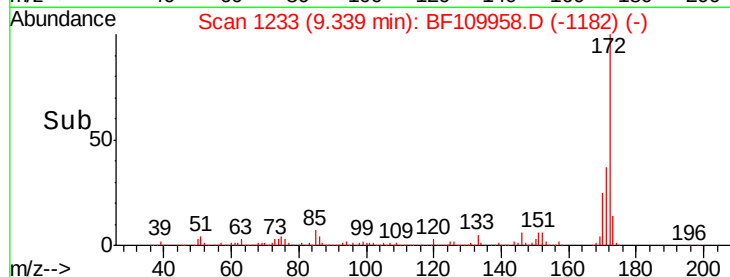
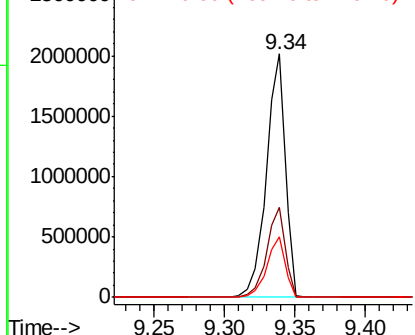
#45
2-Fluorobiphenyl
Concen: 72.434 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1915568
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.9 19.7 29.5

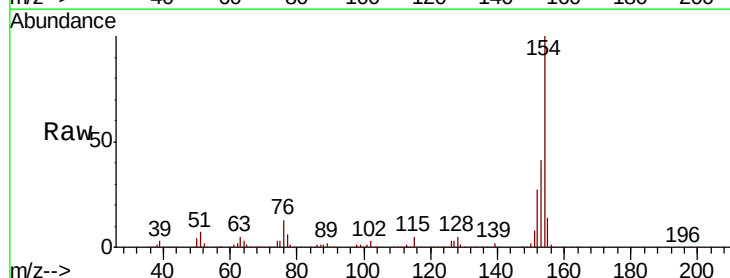


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

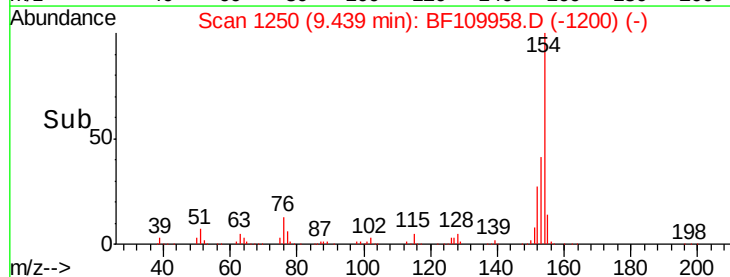
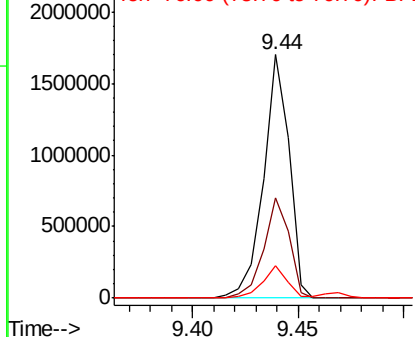


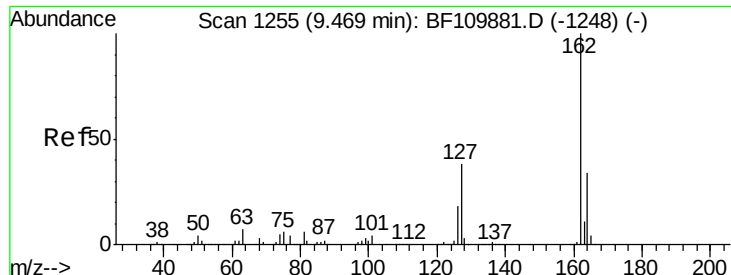
#46
1,1'-Biphenyl
Concen: 38.314 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:154 Resp: 1440505
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 13.1 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

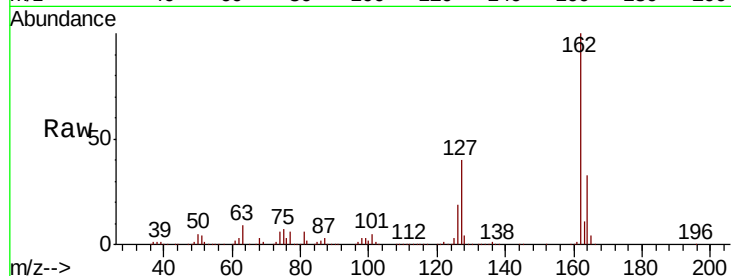




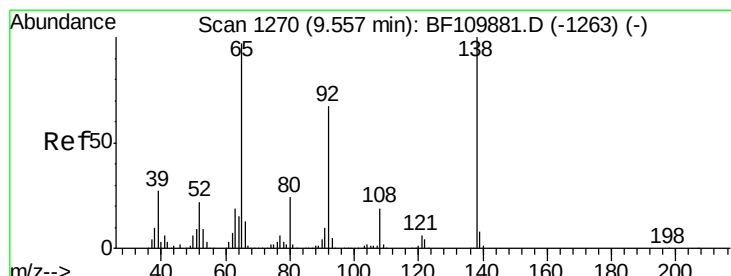
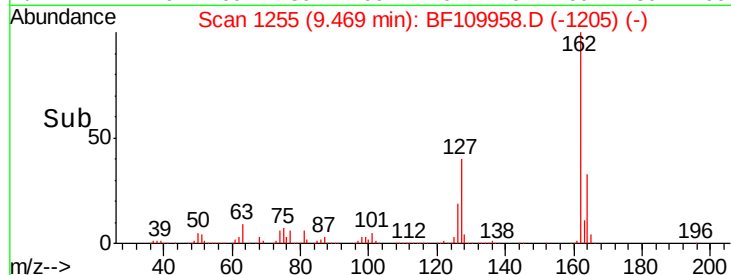
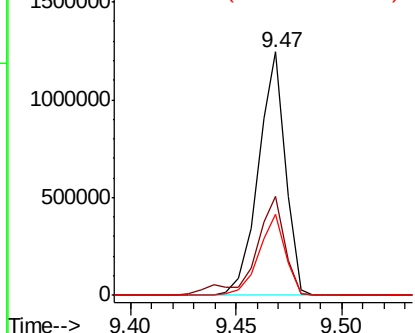
#47
 2-Chloronaphthalene
 Concen: 39.873 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1104226
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 33.1 25.9 38.9

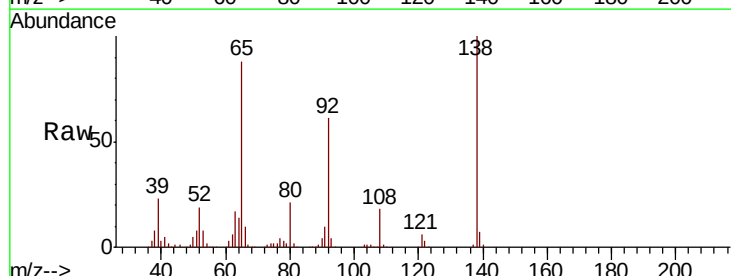


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

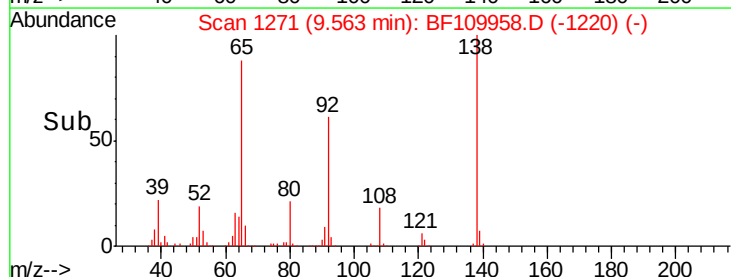
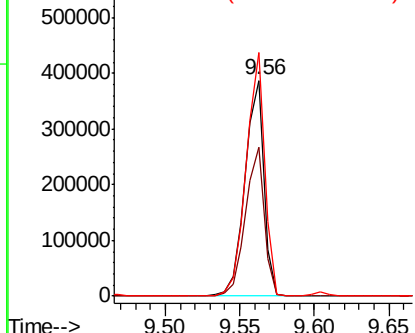


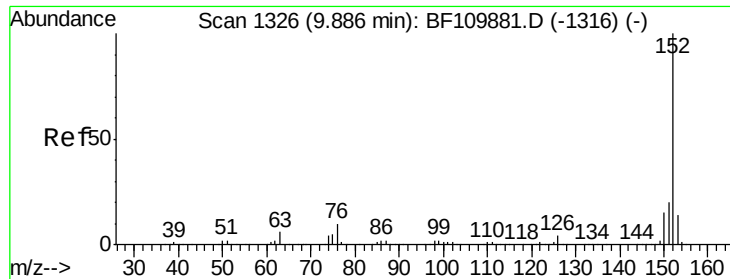
#48
 2-Nitroaniline
 Concen: 47.888 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion: 65 Resp: 340345
 Ion Ratio Lower Upper
 65 100
 92 69.3 54.6 81.8
 138 113.0 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.579 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

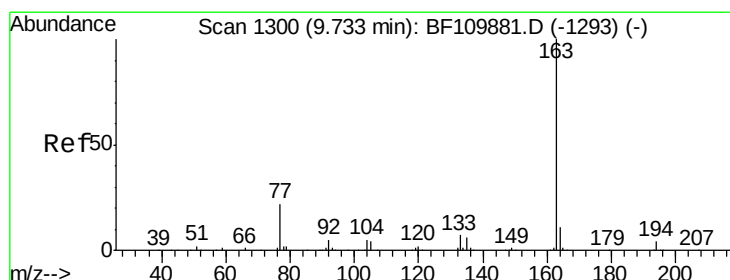
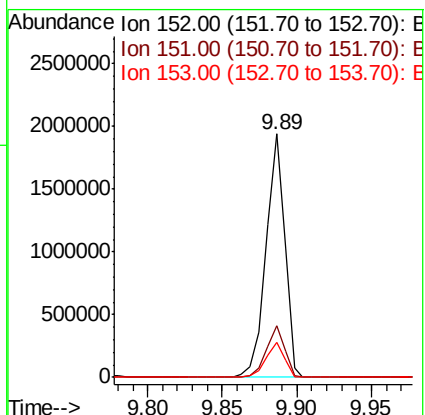
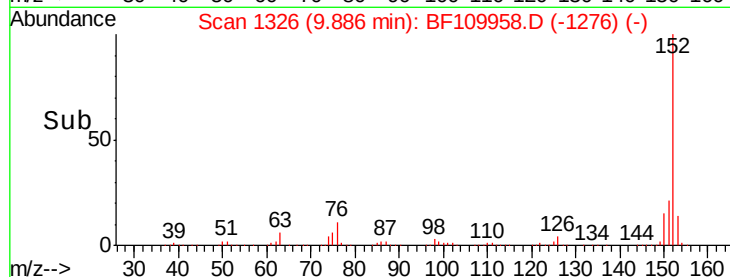
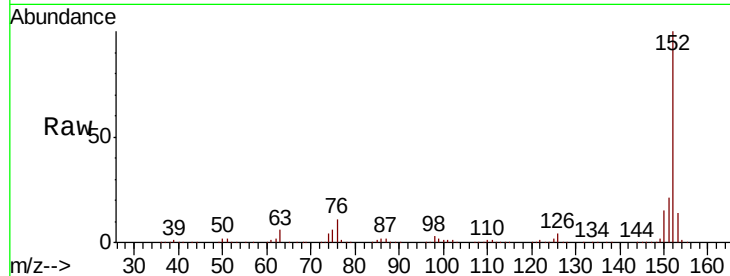
Tot Ion:152 Resp: 1672783

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

153 14.5 10.4 15.6



#50

Dimethylphthalate

Concen: 50.135 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

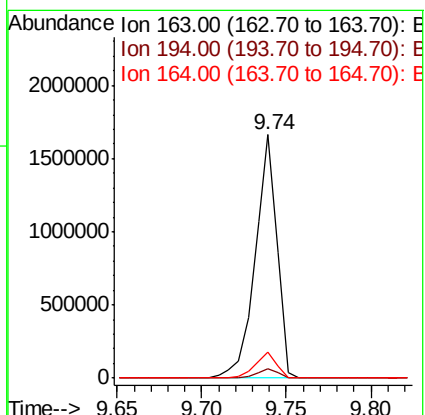
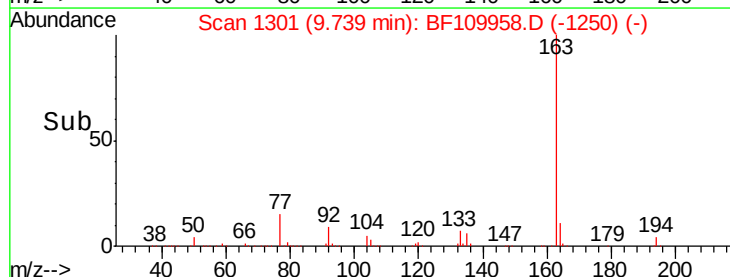
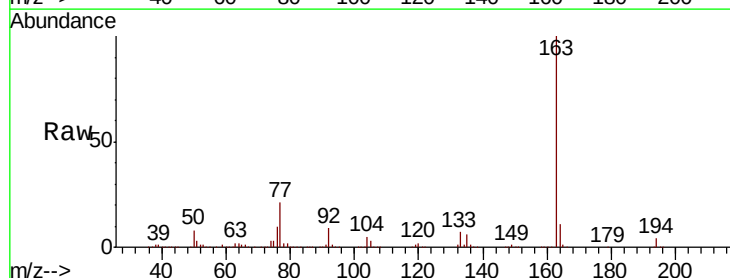
Tgt Ion:163 Resp: 1498054

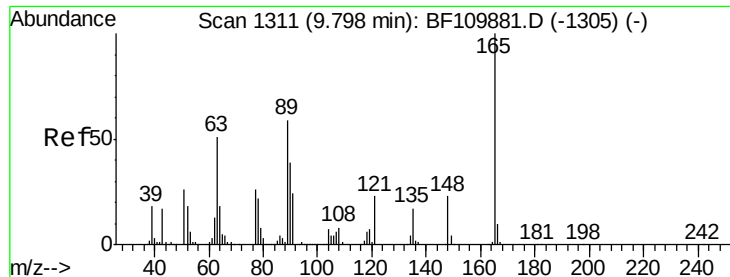
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.7 8.1 12.1

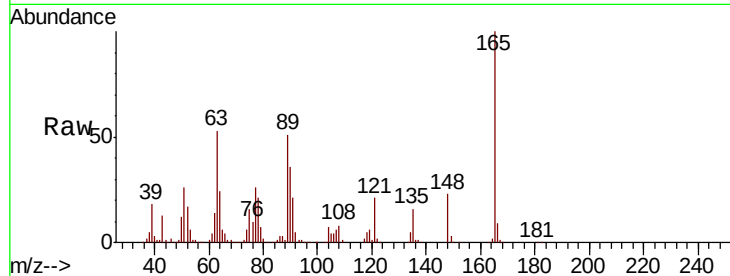




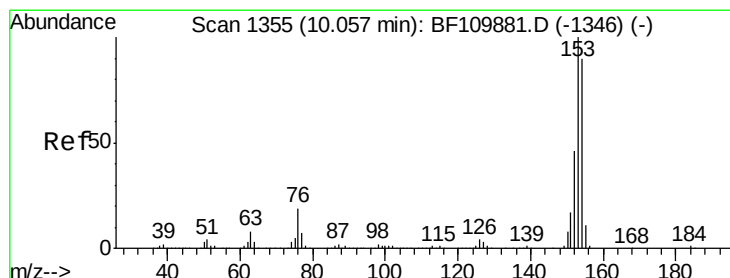
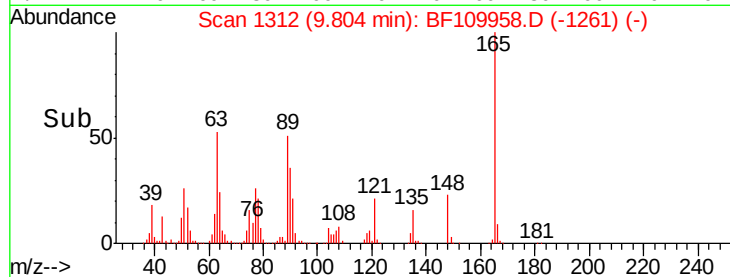
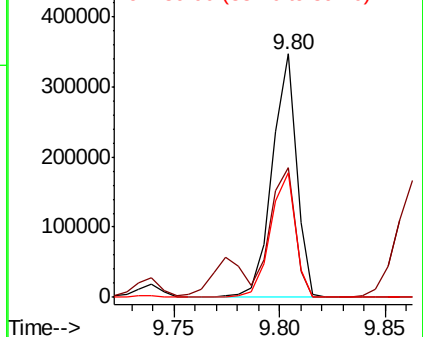
#51
2,6-Dinitrotoluene
Concen: 48.974 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 277943
Ion Ratio Lower Upper
165 100
63 53.2 48.9 73.3
89 51.2 46.6 69.8

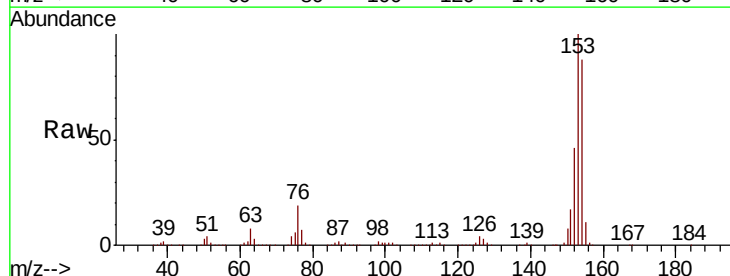


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

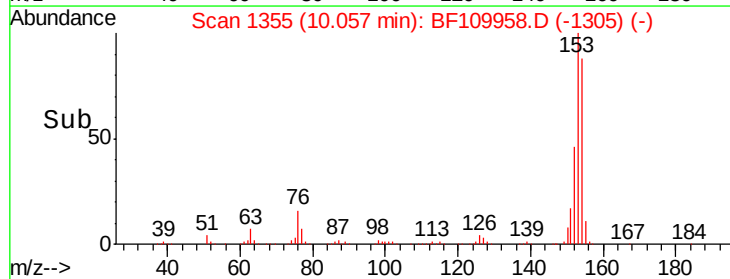
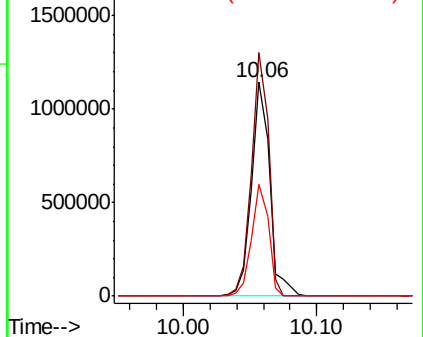


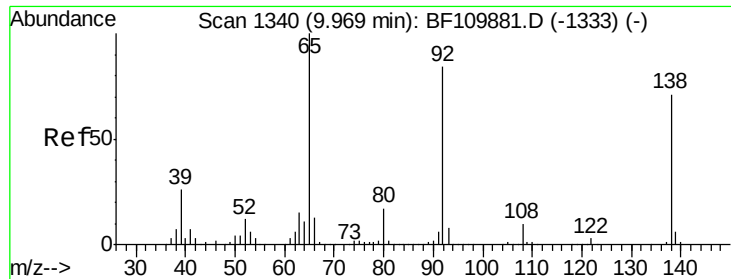
#52
Acenaphthene
Concen: 41.329 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:154 Resp: 1058573
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 52.4 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

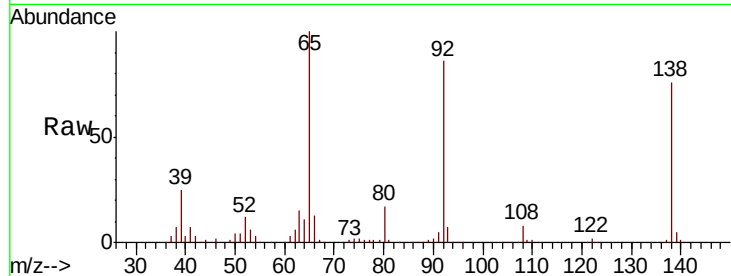




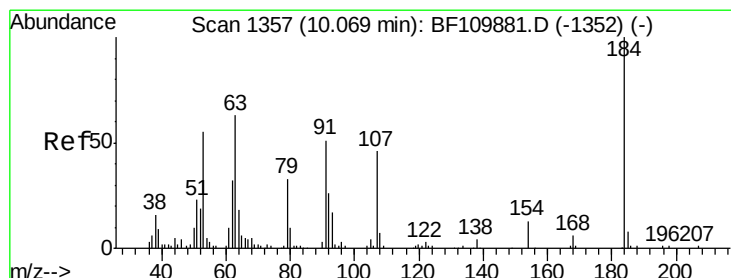
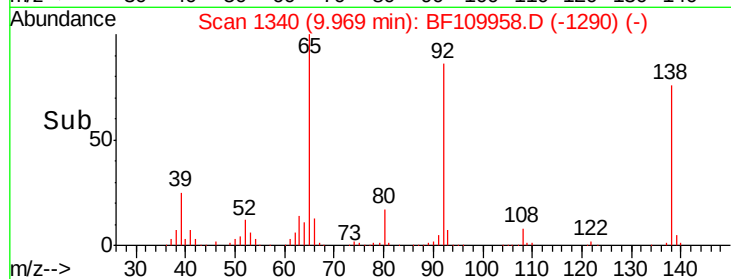
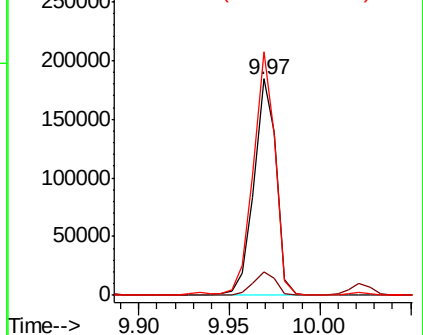
#53
3-Nitroaniline
Concen: 22.862 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 157831
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 112.5 97.0 145.4

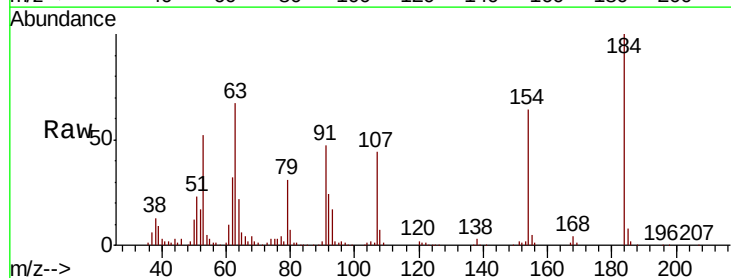


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

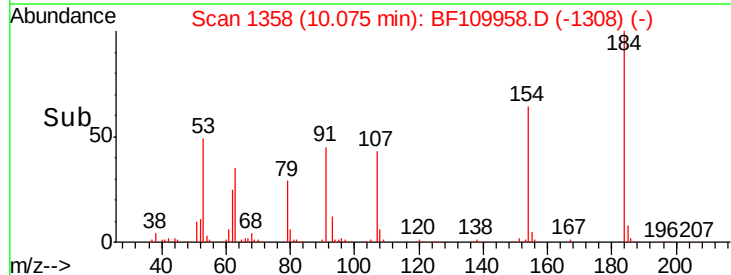
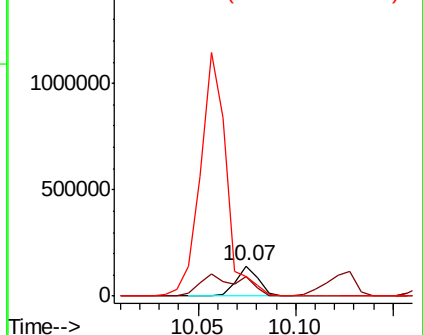


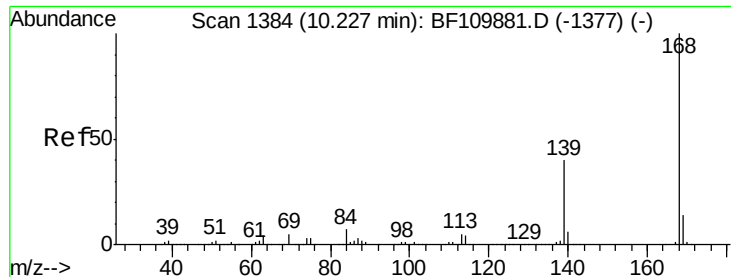
#54
2,4-Dinitrophenol
Concen: 64.452 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:184 Resp: 113002
Ion Ratio Lower Upper
184 100
63 66.8 55.8 83.6
154 63.7 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

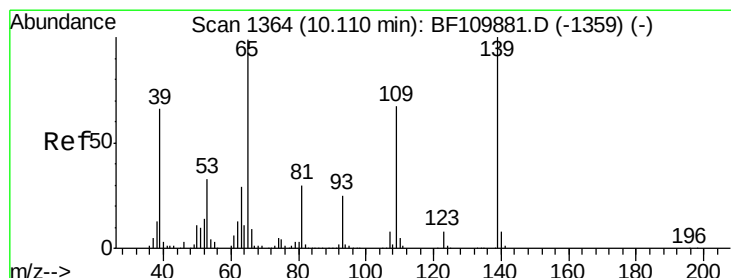
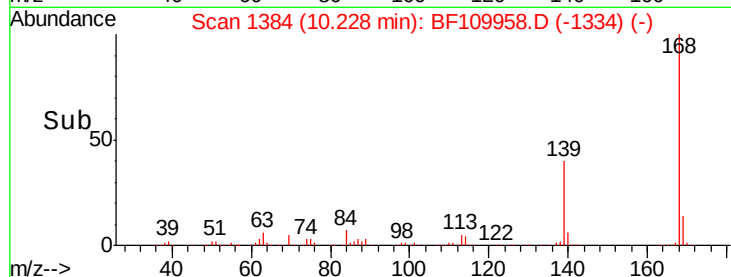
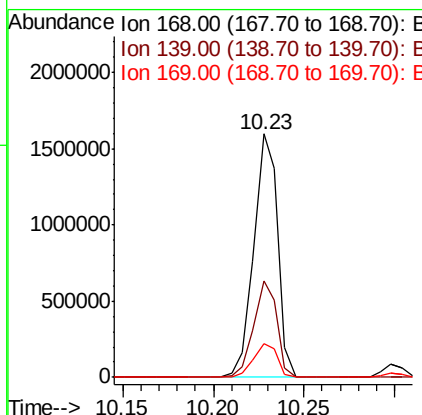
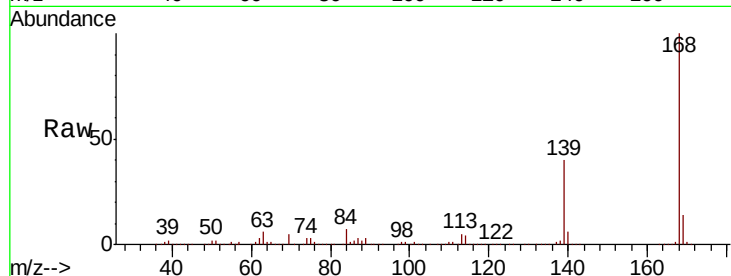




#55
Dibenzenofuran
Concen: 39.839 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

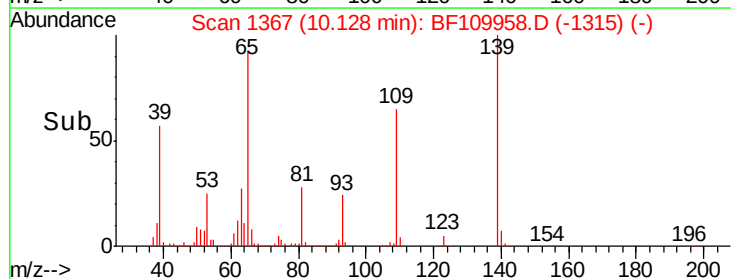
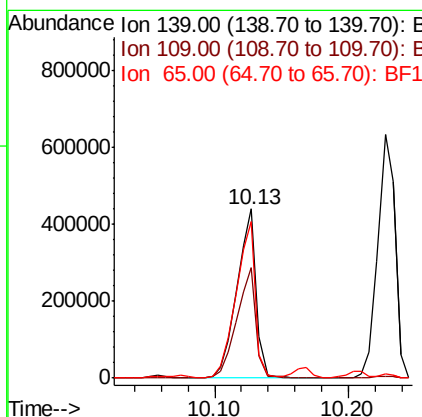
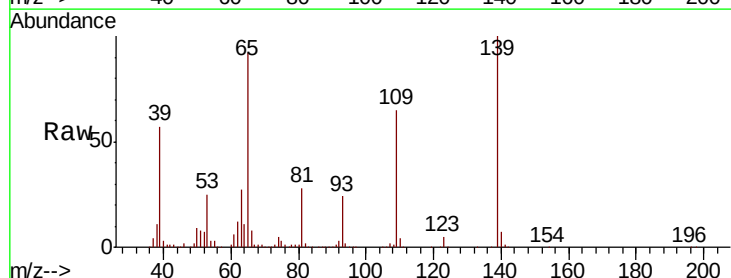
Instrument :
BNA_F
ClientSampleId :

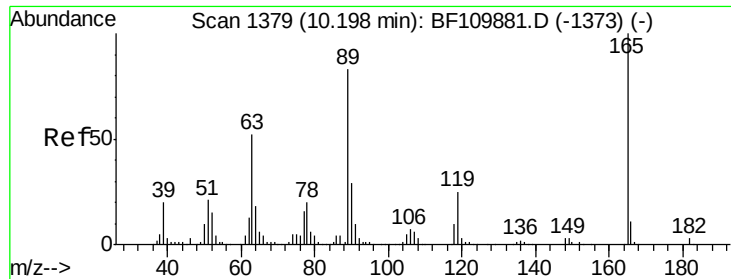
Tot Ion:168 Resp: 1455278
Ion Ratio Lower Upper
168 100
139 39.6 33.0 49.6
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 84.306 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:139 Resp: 444094
Ion Ratio Lower Upper
139 100
109 65.2 55.8 95.8
65 92.3 77.9 117.9





#57

2,4-Dinitrotoluene

Concen: 49.635 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 357074

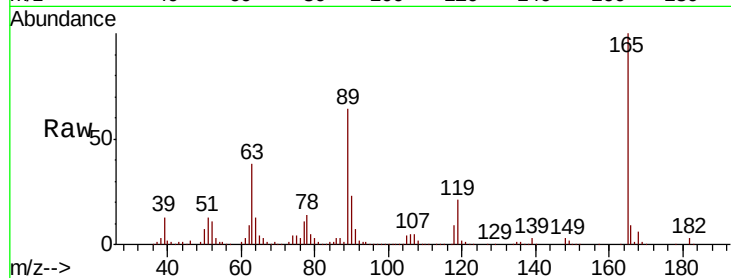
Ion Ratio Lower Upper

165 100

63 37.7 44.8 67.2#

89 64.3 62.2 93.4

182 2.6 2.1 3.1

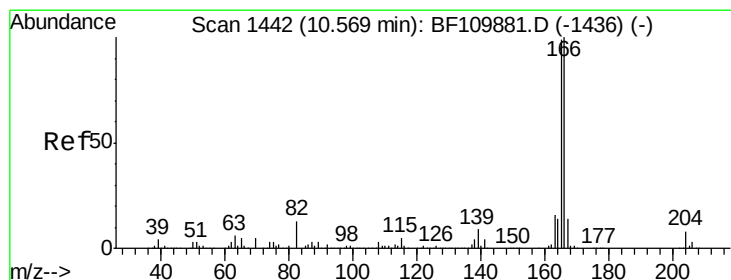
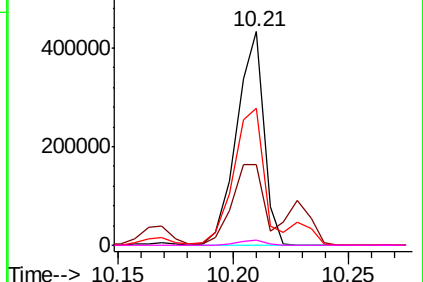
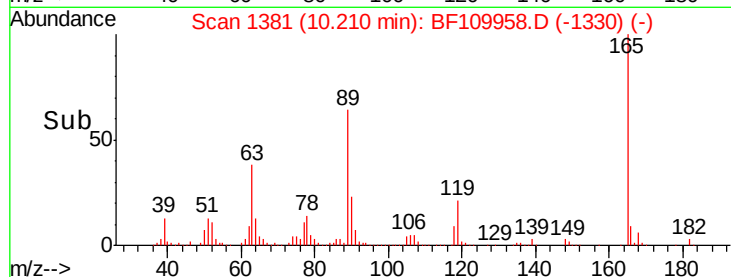


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.782 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

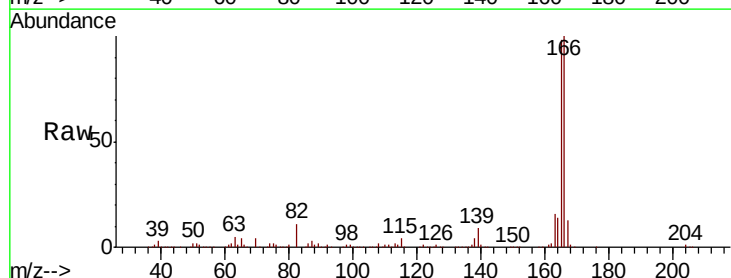
Tgt Ion:166 Resp: 1111024

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

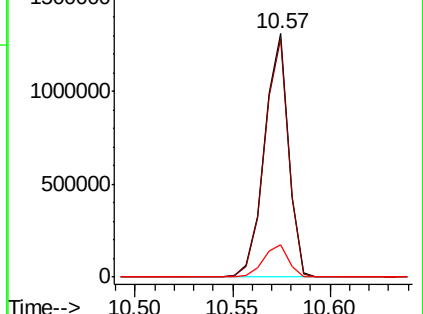
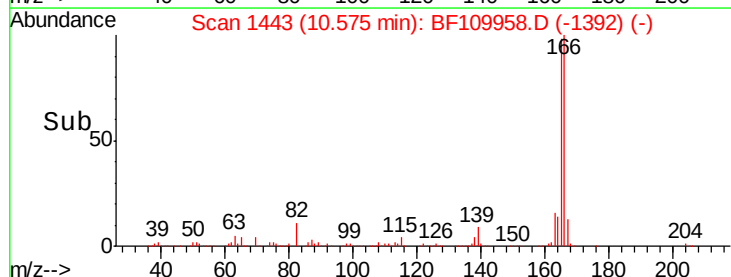
167 13.3 10.8 16.2

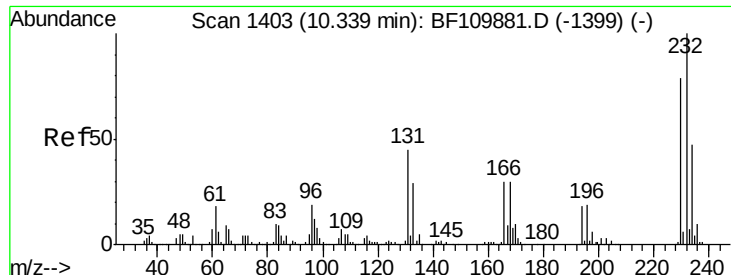


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

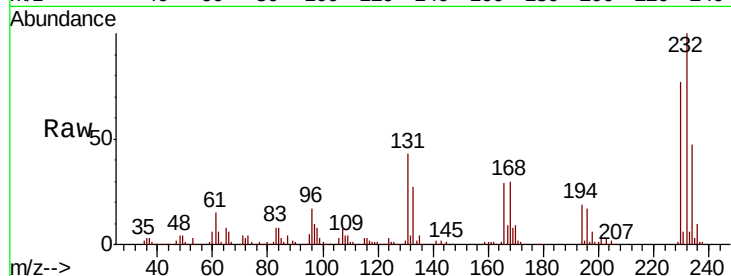




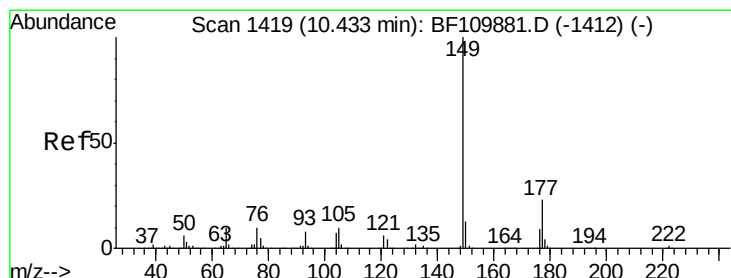
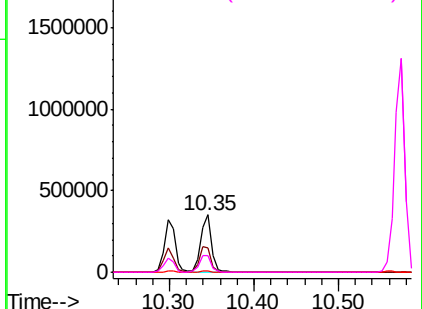
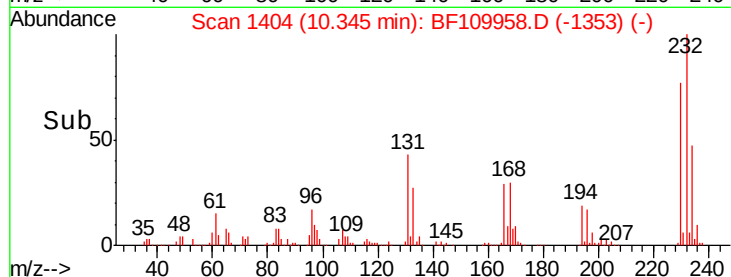
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.747 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 305822
Ion Ratio Lower Upper
232 100
131 46.9 37.0 55.4
130 2.3 1.8 2.6
166 31.0 22.0 33.0

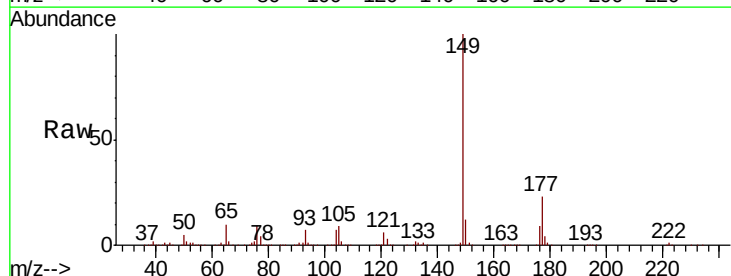


Abundance Ion 232.00 (231.70 to 232.70): E
2000000 Ion 131.00 (130.70 to 131.70): E
1500000 Ion 130.00 (129.70 to 130.70): E
1000000 Ion 166.00 (165.70 to 166.70): E
500000
0

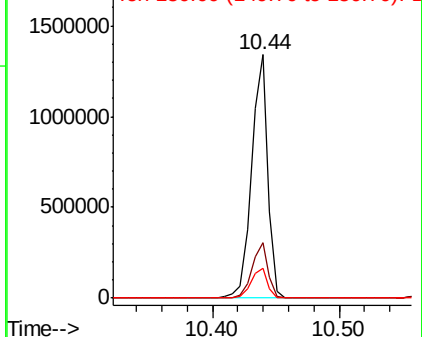
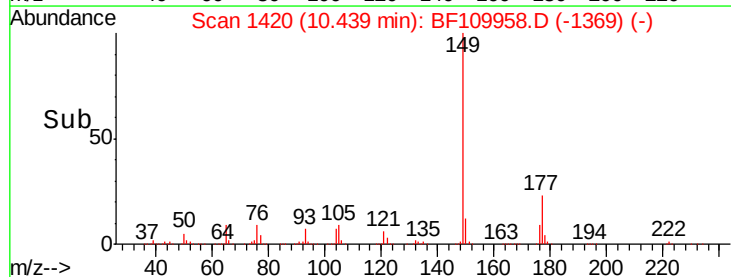


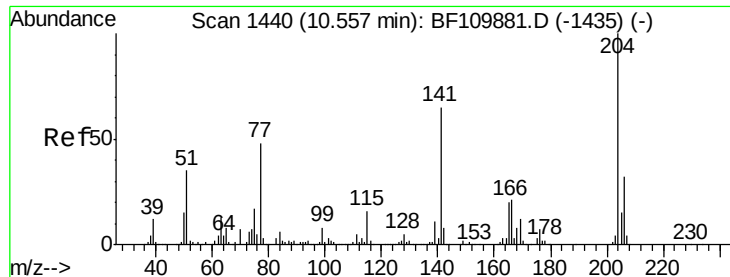
#60
Diethylphthalate
Concen: 40.291 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:149 Resp: 1189081
Ion Ratio Lower Upper
149 100
177 23.0 17.4 26.2
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 177.00 (176.70 to 177.70): E
1000000 Ion 150.00 (149.70 to 150.70): E
500000
0

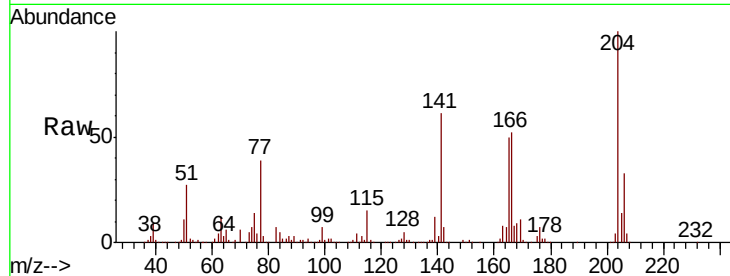




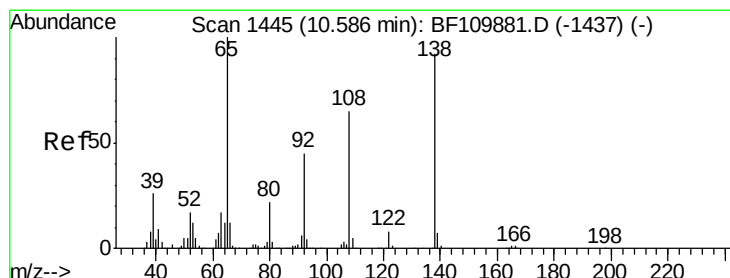
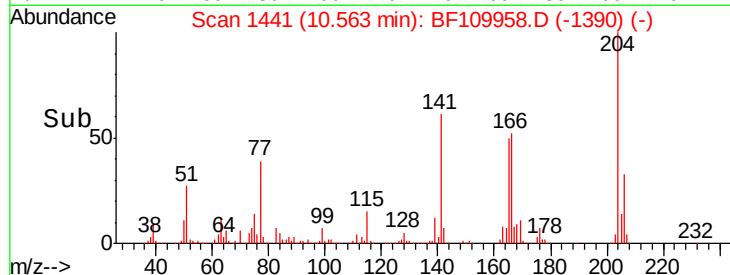
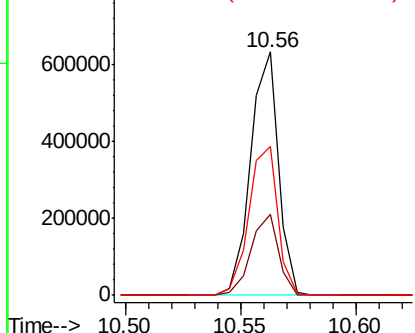
#61
4-Chlorophenyl-phenylether
Concen: 38.755 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 536816
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 61.1 51.8 77.8

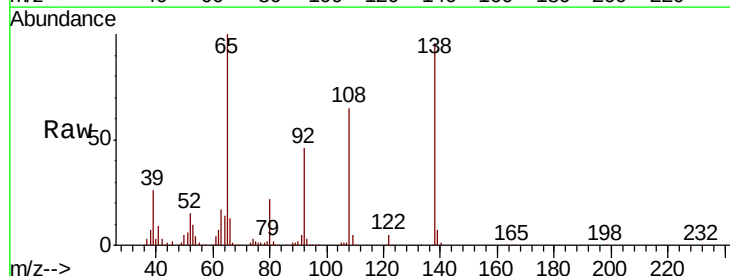


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

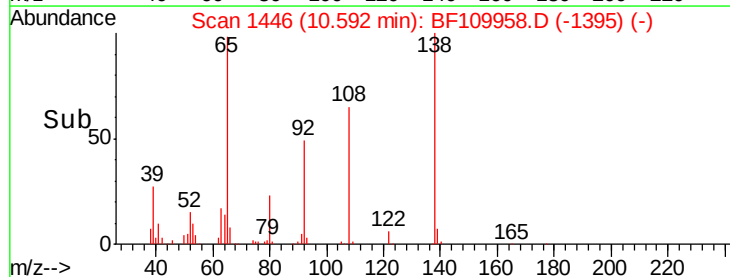
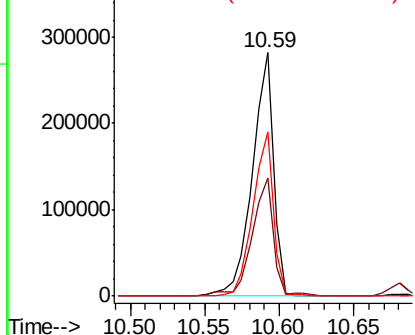


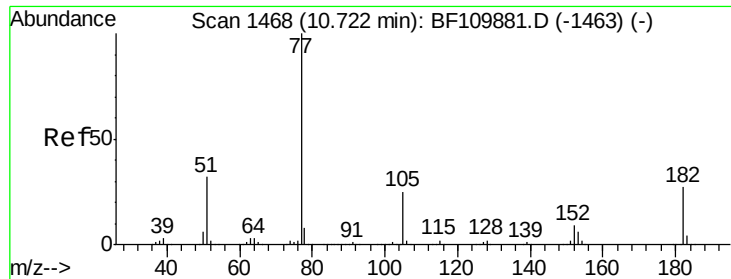
#62
4-Nitroaniline
Concen: 42.230 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:138 Resp: 275973
Ion Ratio Lower Upper
138 100
92 48.6 31.7 71.7
108 67.7 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

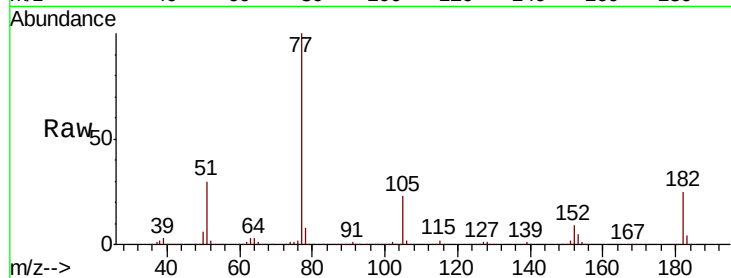




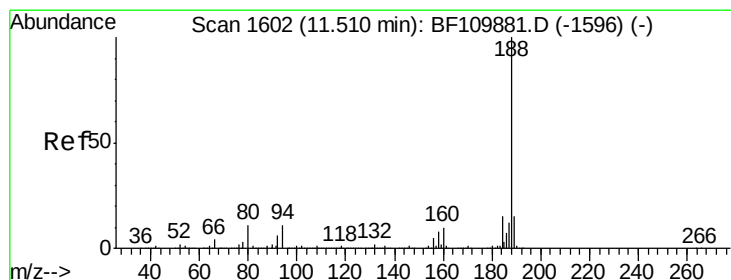
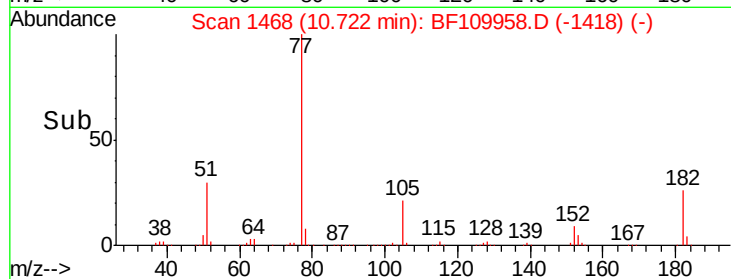
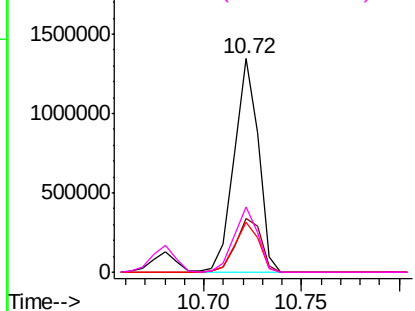
#63
Azobenzene
Concen: 37.507 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1156361
Ion Ratio Lower Upper
77 100
182 25.3 4.3 44.3
105 23.4 1.3 41.3
51 30.4 9.0 49.0

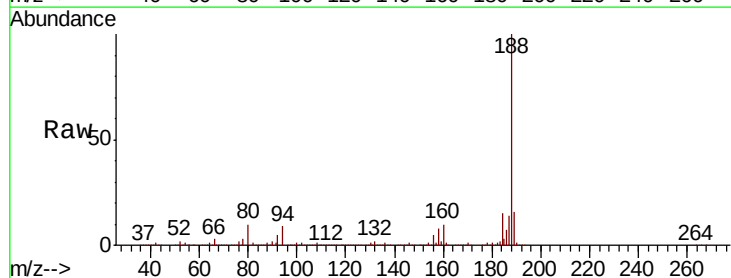


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

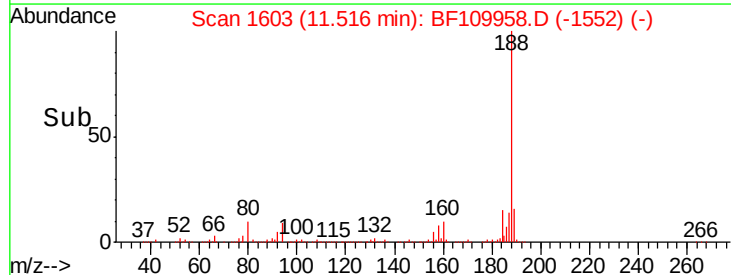
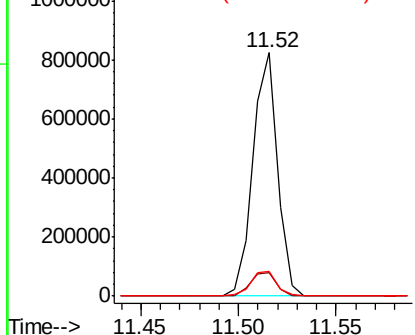


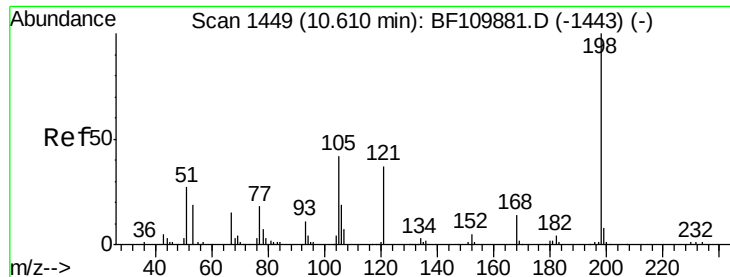
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion: 188 Resp: 720543
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

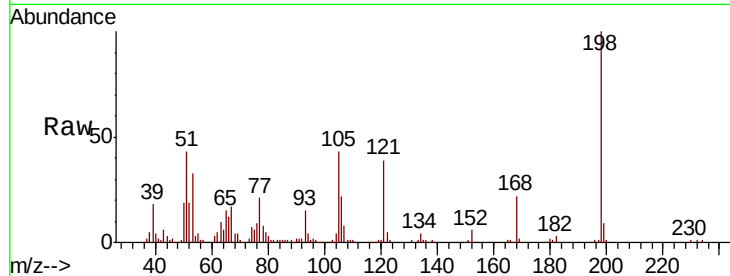




#65
4,6-Dinitro-2-methylphenol
Concen: 47.107 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.2	22.8	62.8
105	43.1	23.6	63.6

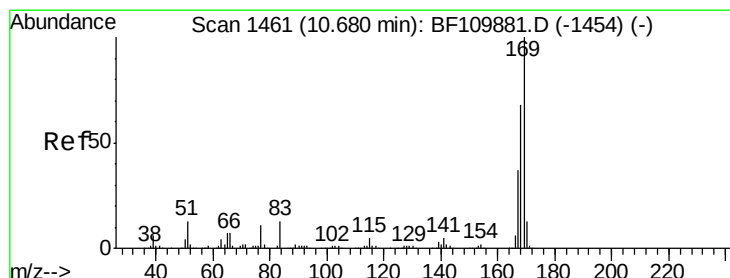
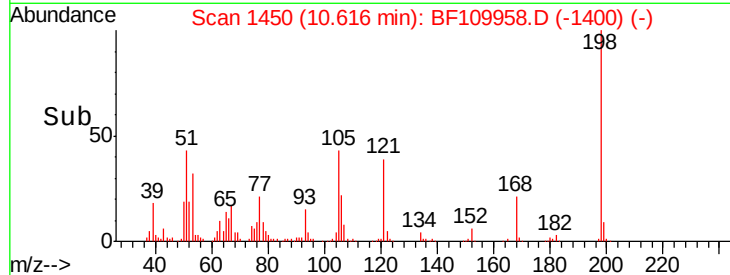
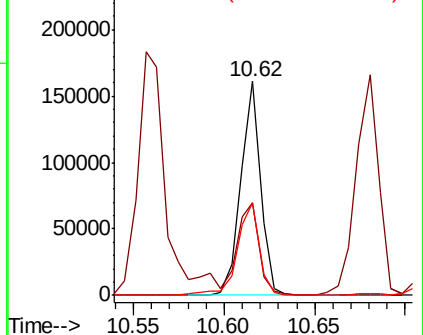


Abundance

Ion 198.00 (197.70 to 198.70): E

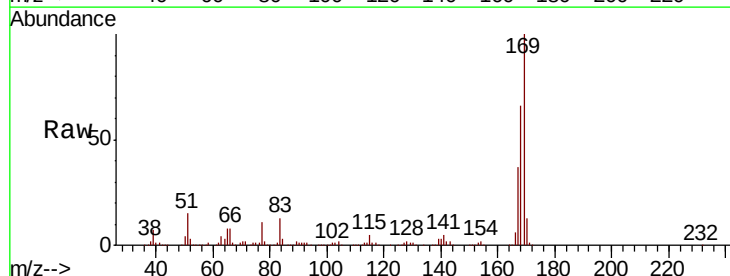
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.888 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.2	76.8
167	36.6	27.8	41.6

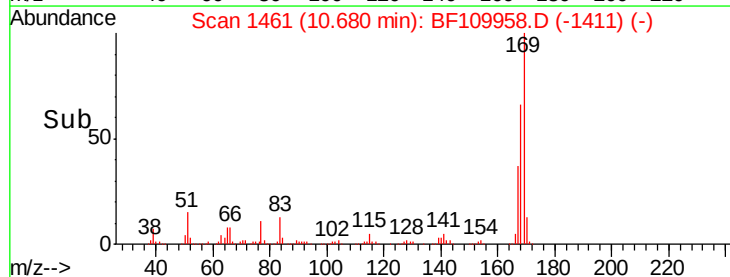
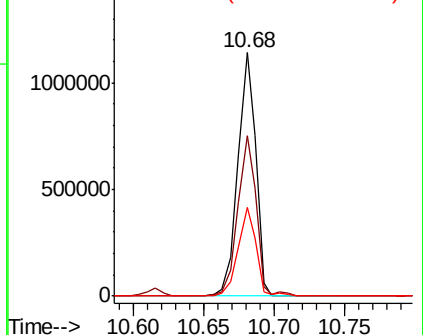


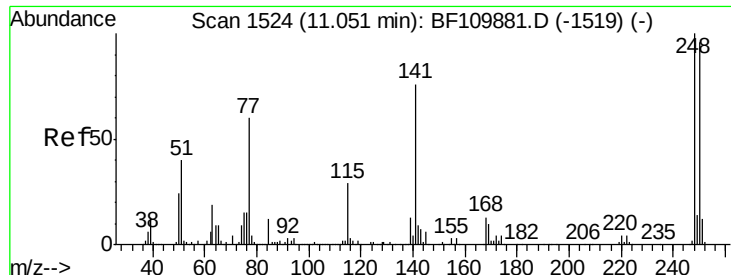
Abundance

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

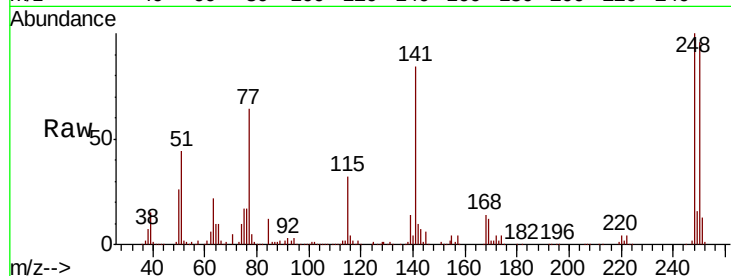




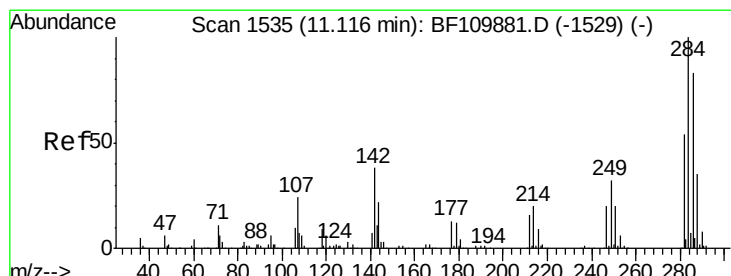
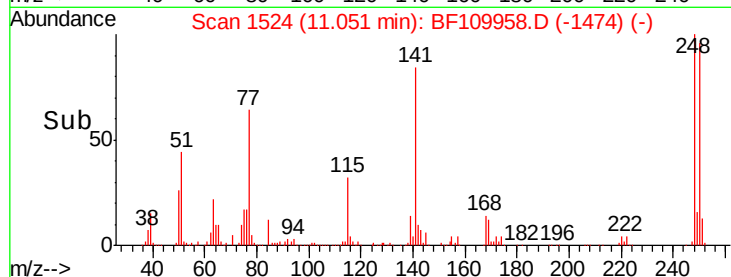
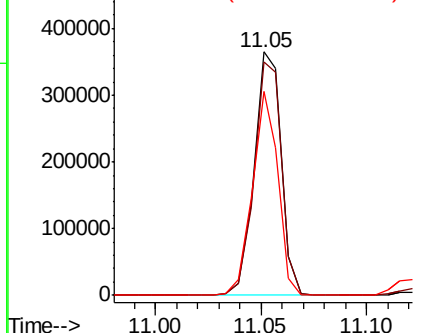
#67
 4-Bromophenyl-phenylether
 Concen: 41.941 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 327507
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 83.6 55.9 83.9

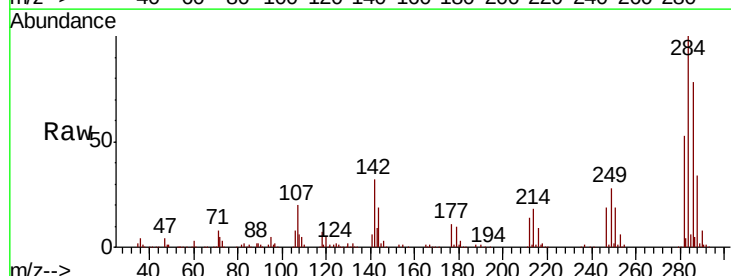


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

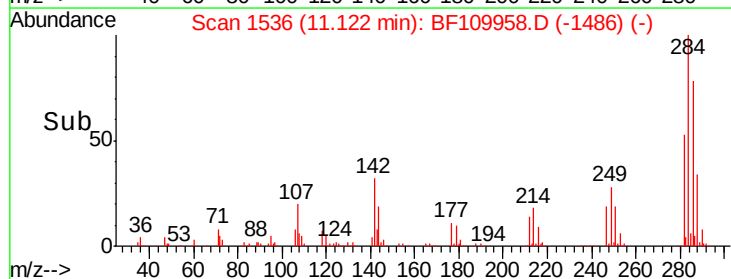
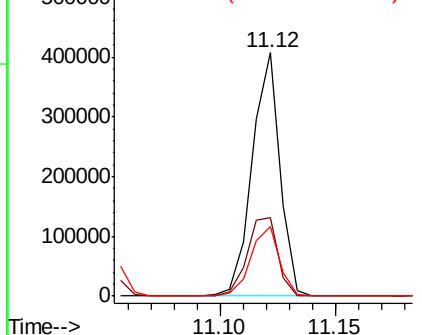


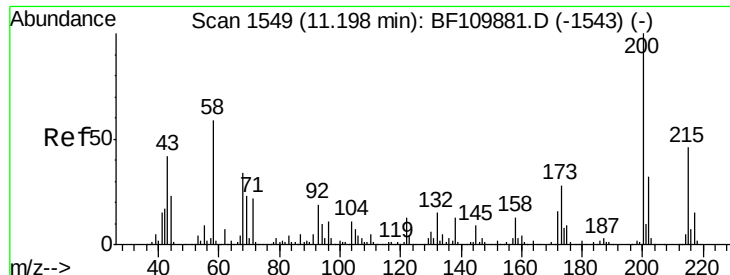
#68
 Hexachlorobenzene
 Concen: 41.001 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion:284 Resp: 341422
 Ion Ratio Lower Upper
 284 100
 142 32.5 23.9 35.9
 249 28.5 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: 42.682 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

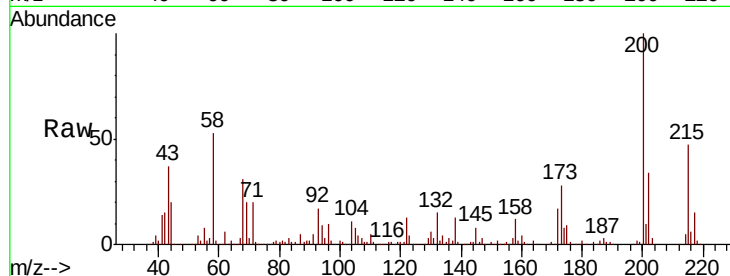
Tot Ion:200 Resp: 319956

Ion Ratio Lower Upper

200 100

173 28.5 6.6 46.6

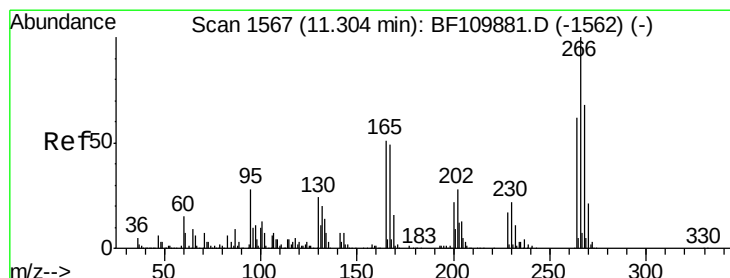
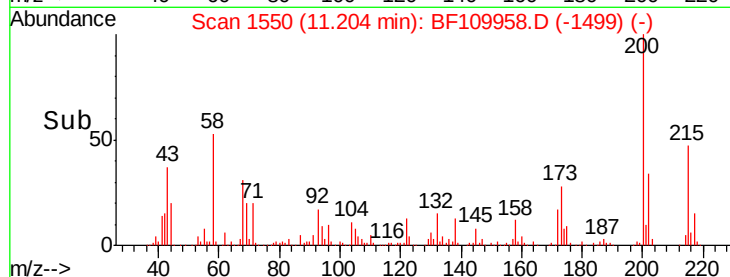
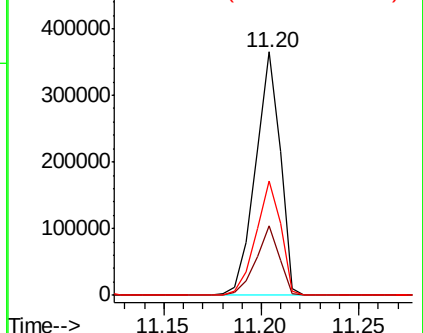
215 46.7 26.3 66.3



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: 68.396 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

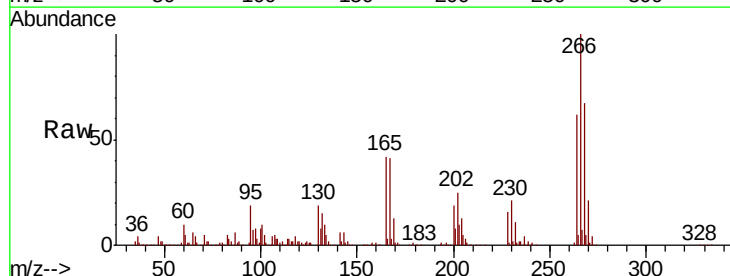
Tgt Ion:266 Resp: 324129

Ion Ratio Lower Upper

266 100

268 67.4 50.6 75.8

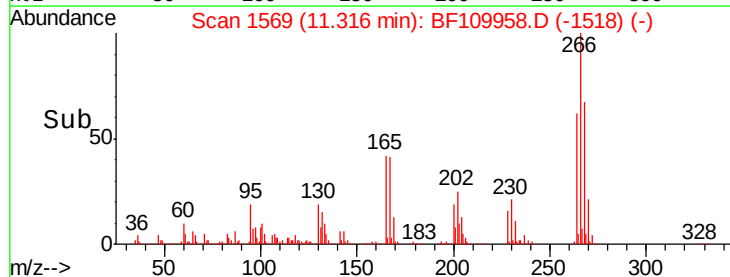
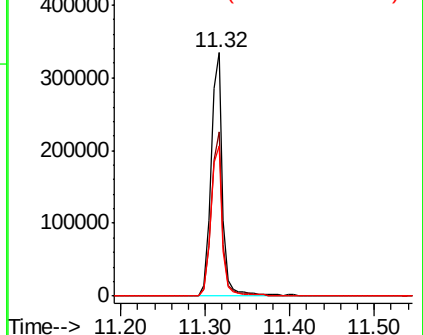
264 61.7 50.6 75.8

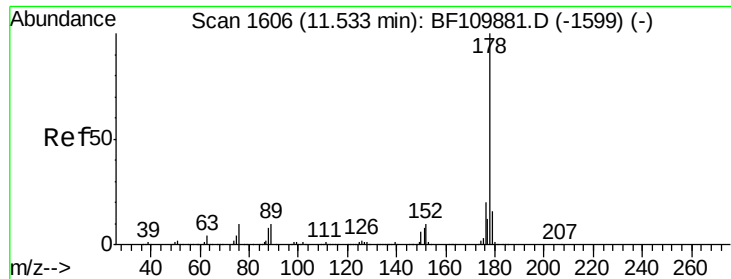


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

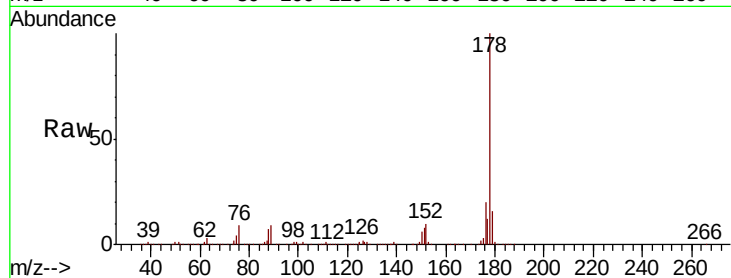




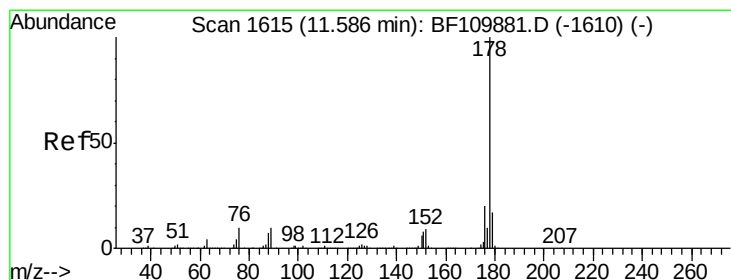
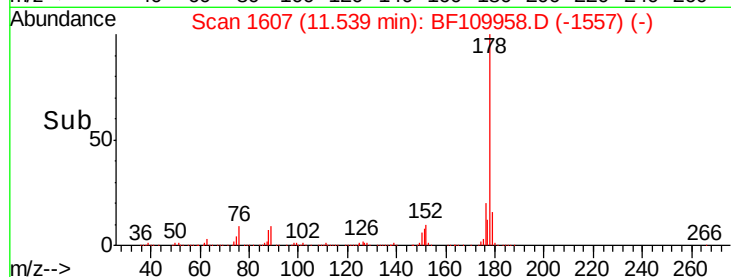
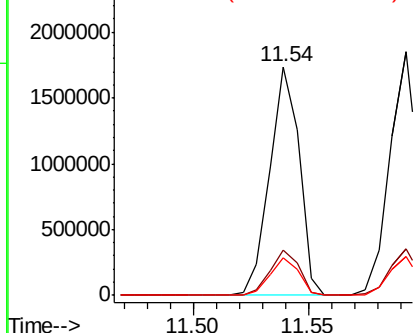
#71
Phenanthrene
Concen: 41.359 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1542797
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.2 12.5 18.7

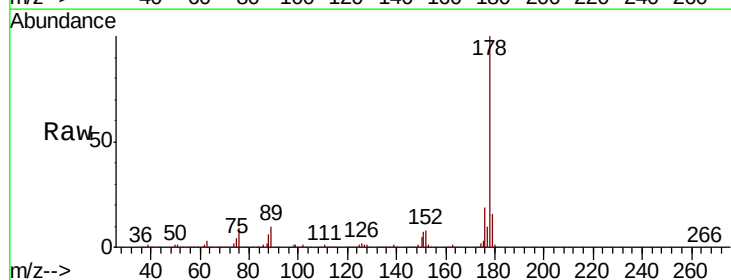


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

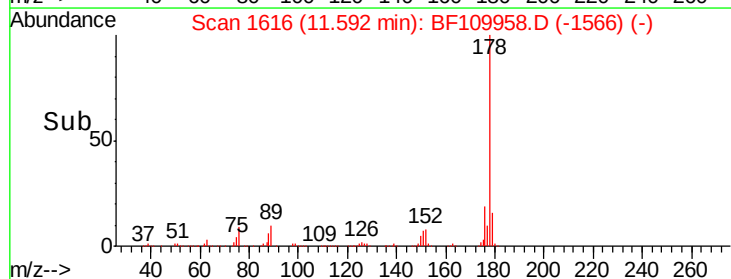
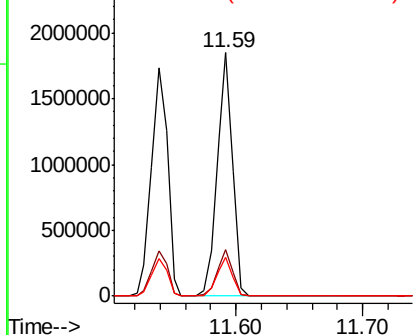


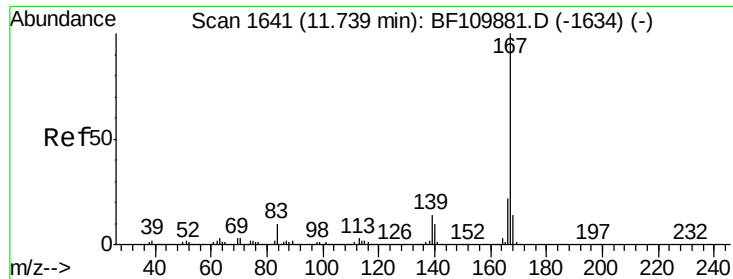
#72
Anthracene
Concen: 42.105 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion:178 Resp: 1579048
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



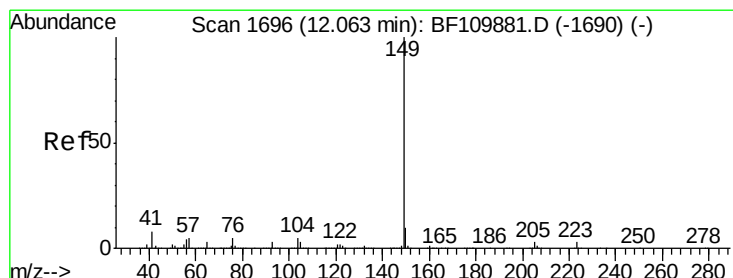
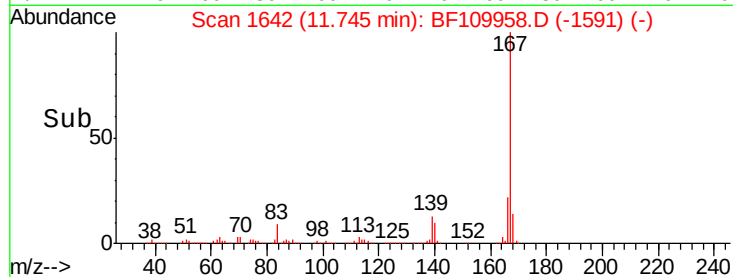
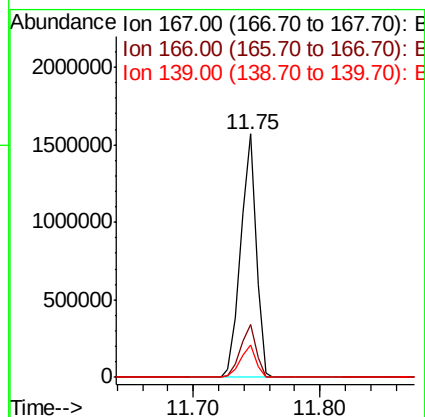
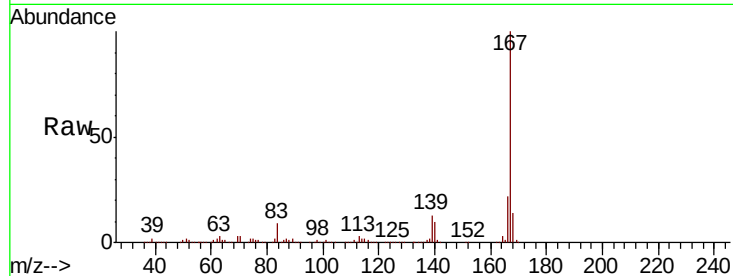


#73
 Carbazole
 Concen: 35.572 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1311083

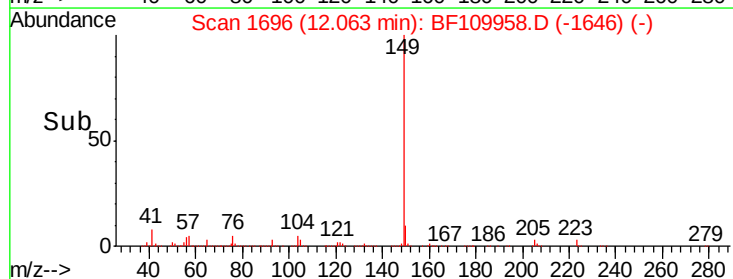
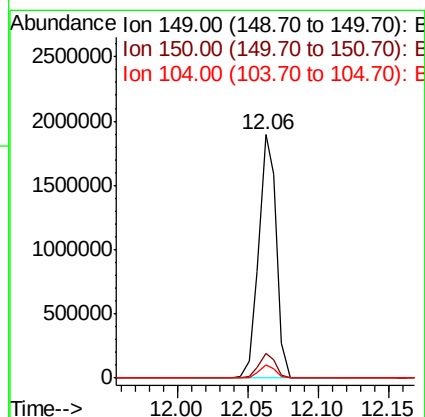
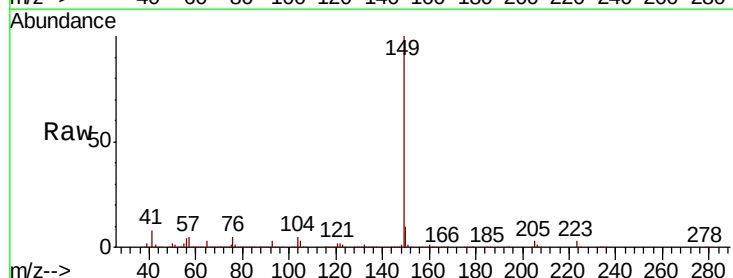
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.2	10.9	16.3

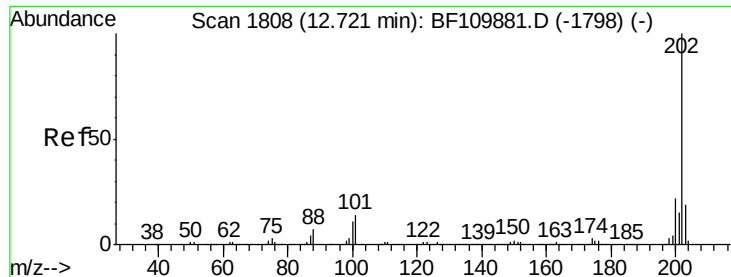


#74
 Di-n-butylphthalate
 Concen: 40.594 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

Tgt Ion:149 Resp: 1669766

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.2	4.2	6.4



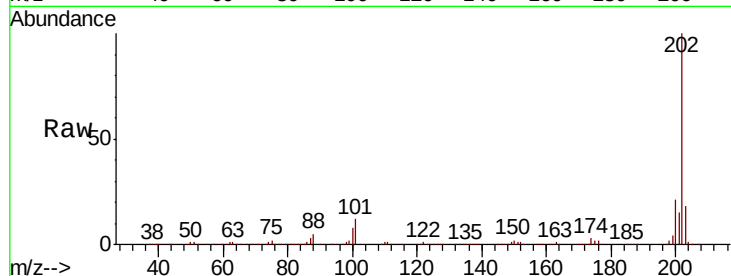


#75
 Fluoranthene
 Concen: 35.187 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

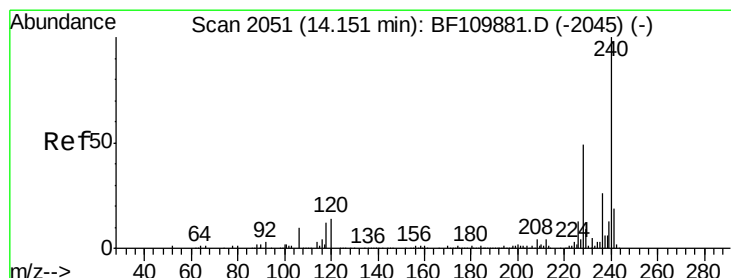
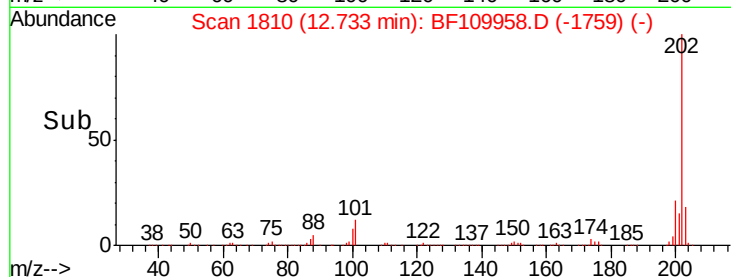
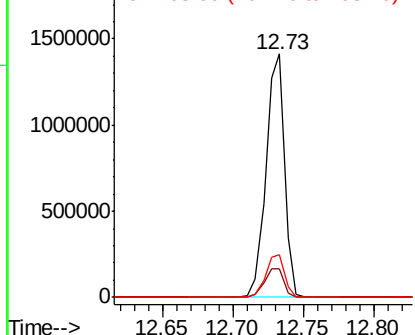
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1311237

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.8	0.0	37.7



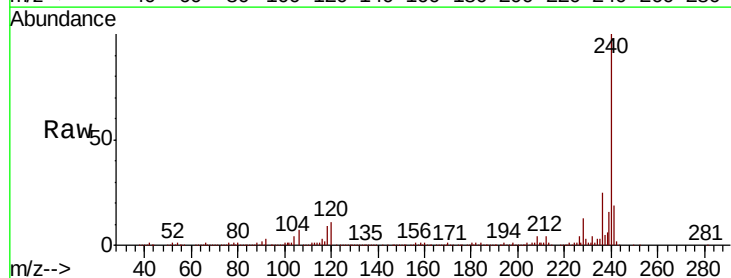
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



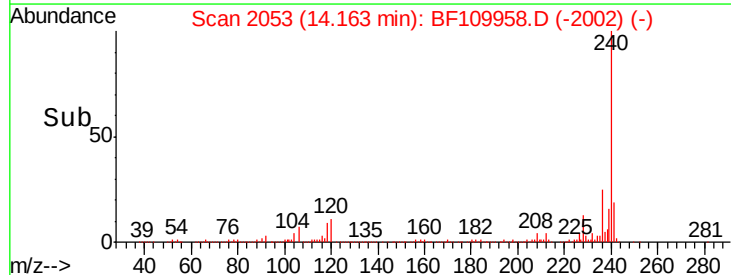
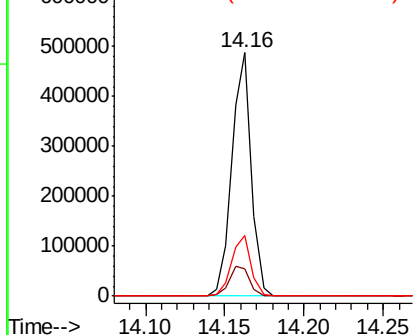
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF109958.D
 Acq: 18 Oct 2018 13:51

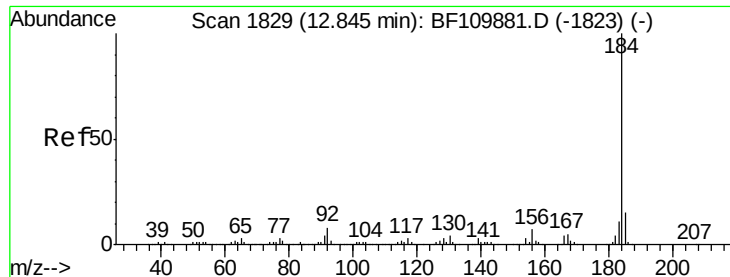
Tgt Ion:240 Resp: 412226

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.8	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: 31.929 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

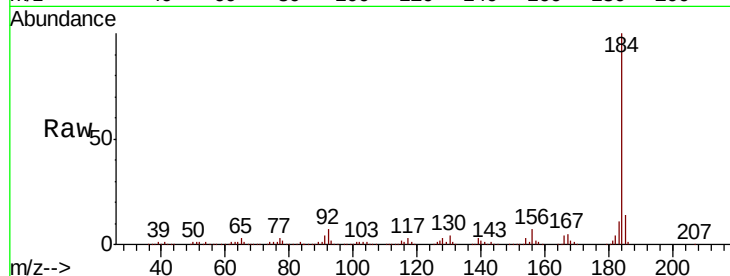
Tot Ion:184 Resp: 504640

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

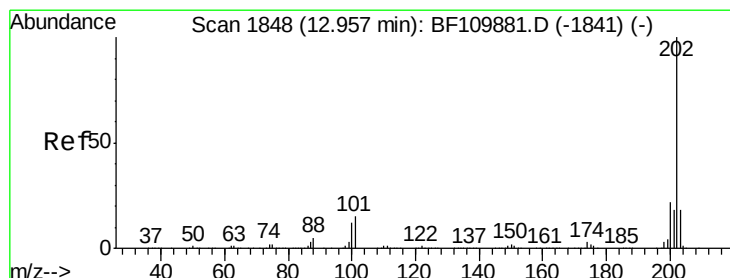
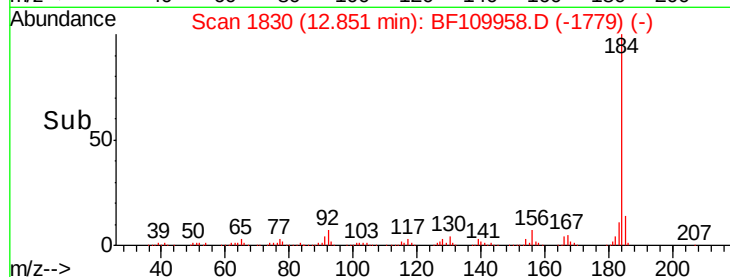
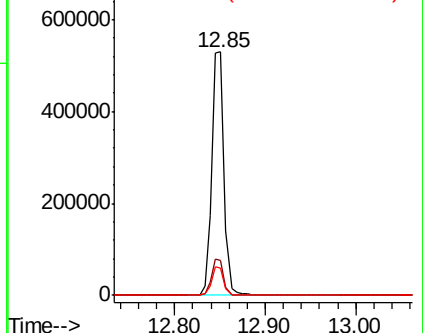
183 11.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.706 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

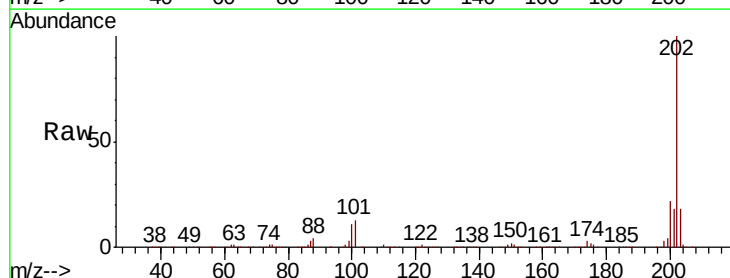
Tgt Ion:202 Resp: 1262721

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

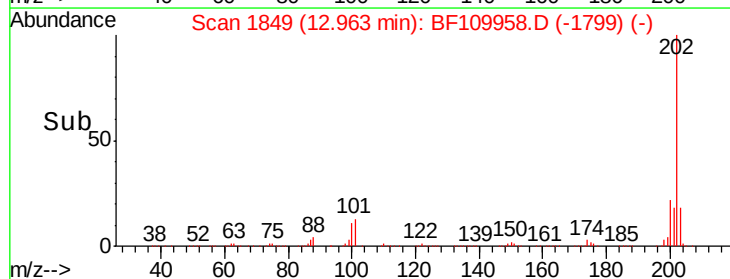
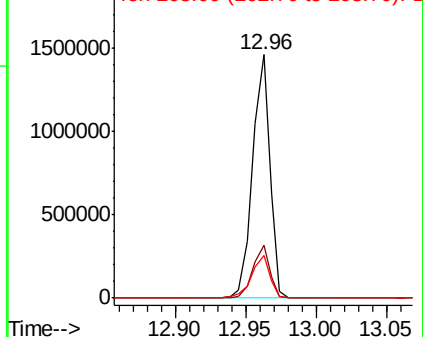
203 17.5 14.2 21.4

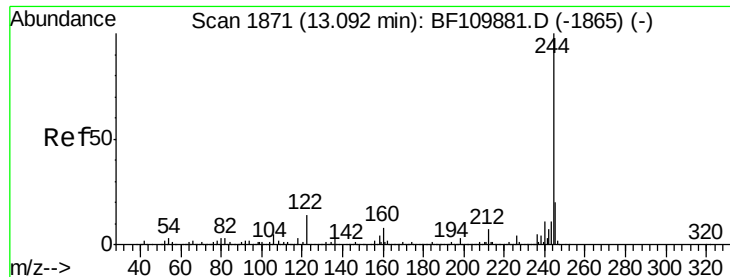


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.719 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

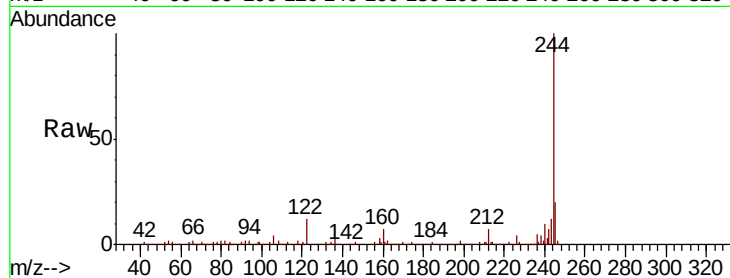
Tot Ion:244 Resp: 1368611

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

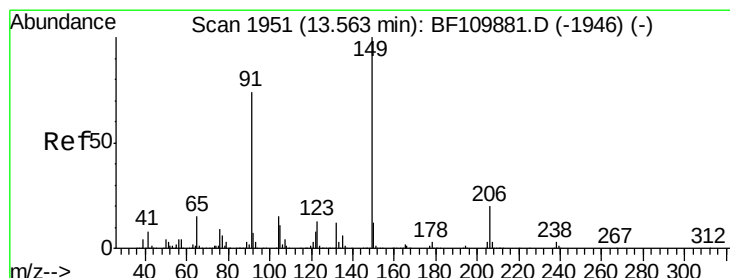
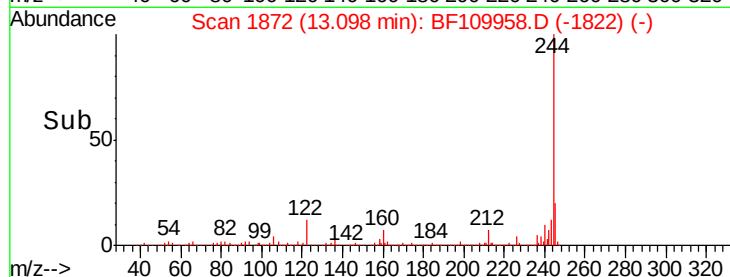
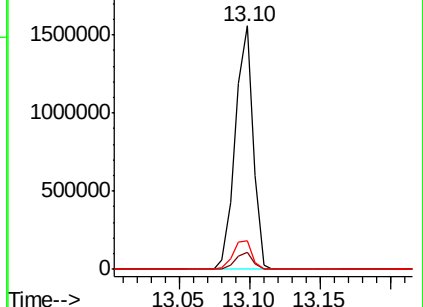
122 11.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.056 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

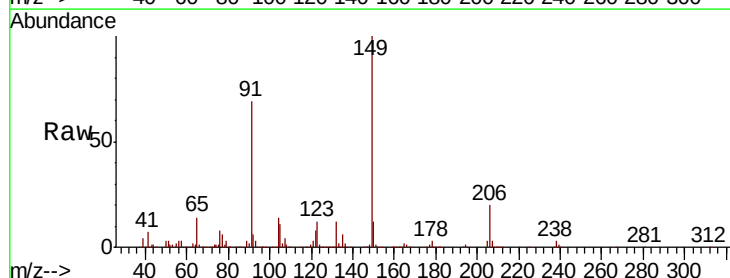
Tgt Ion:149 Resp: 539268

Ion Ratio Lower Upper

149 100

91 68.8 57.2 85.8

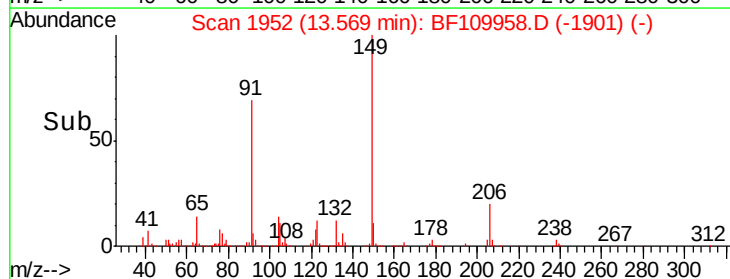
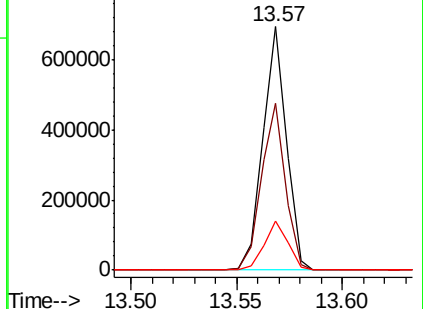
206 19.9 15.7 23.5

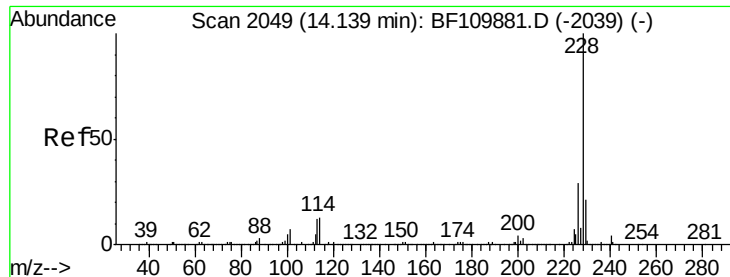


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.732 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

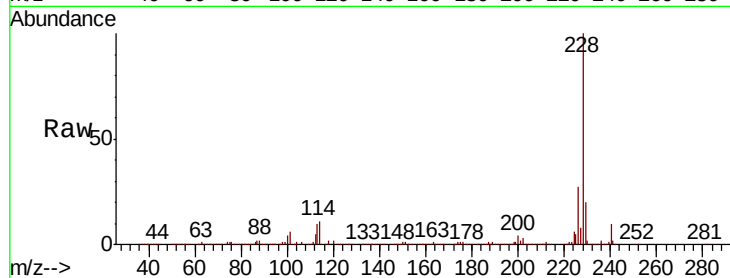
Tot Ion:228 Resp: 1013309

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

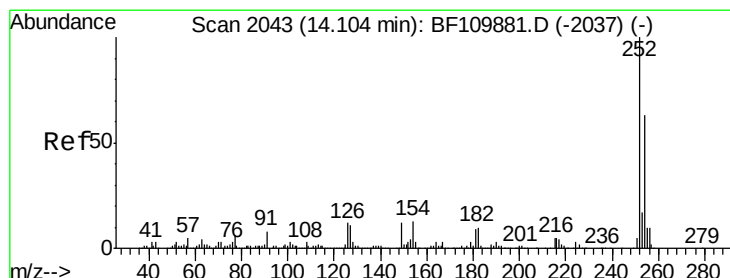
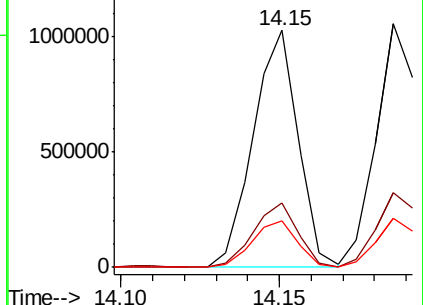
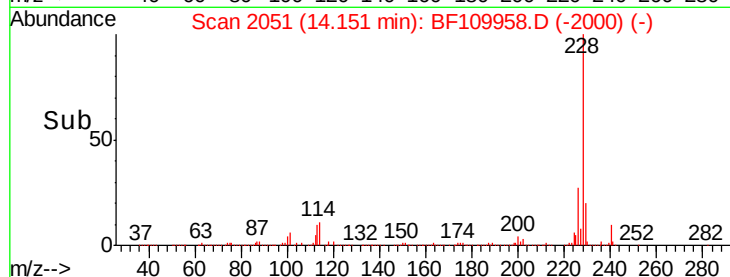
229 19.7 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 31.090 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

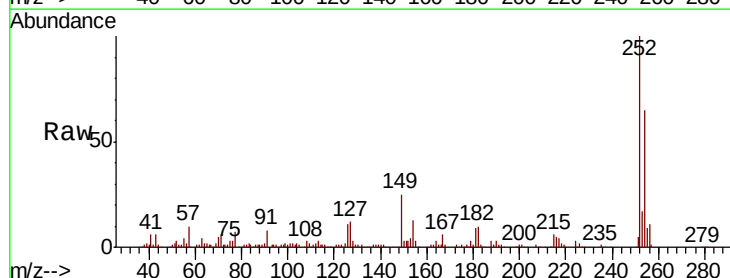
Tgt Ion:252 Resp: 264657

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

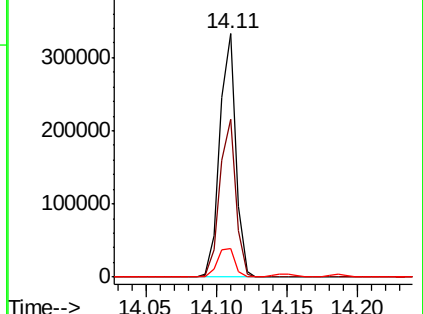
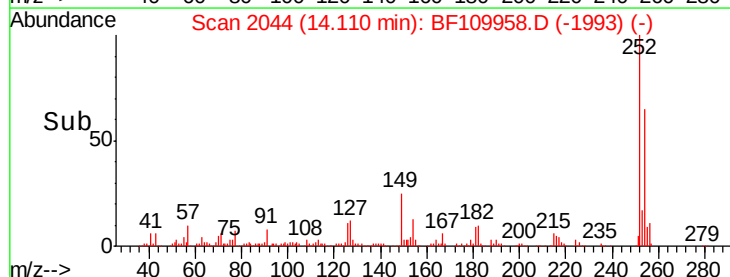
126 11.5 9.4 14.2

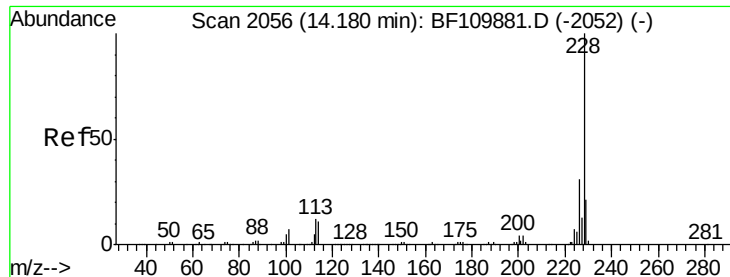


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.359 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampled :

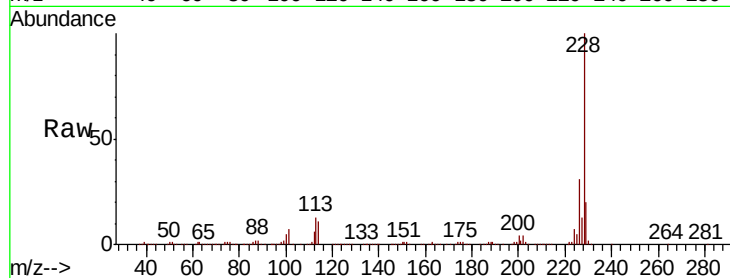
Tot Ion:228 Resp: 932774

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

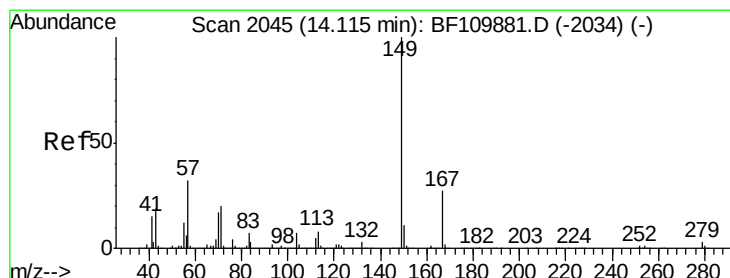
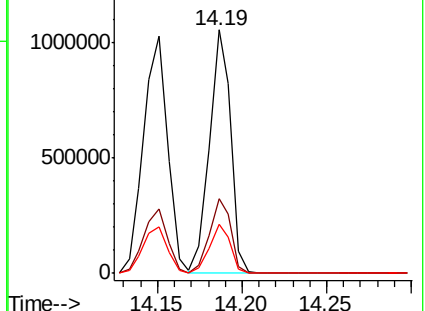
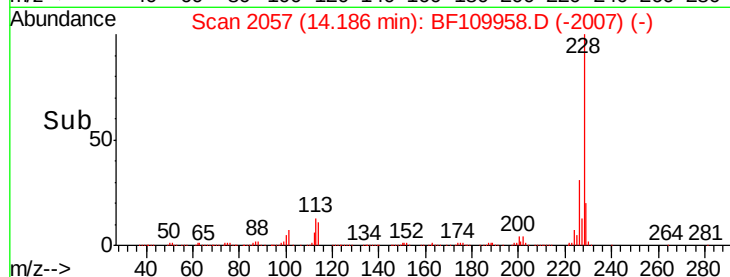
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.022 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

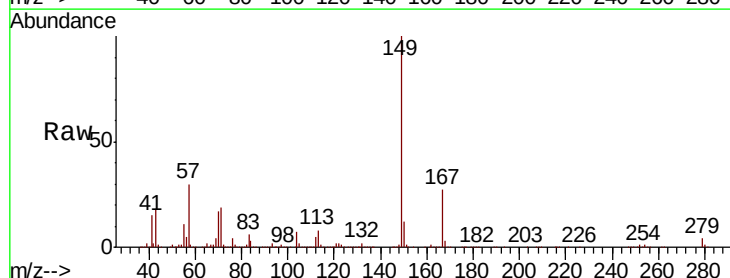
Tgt Ion:149 Resp: 741260

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

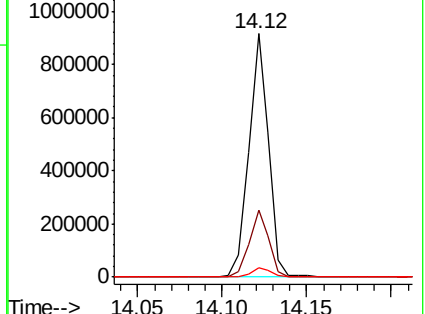
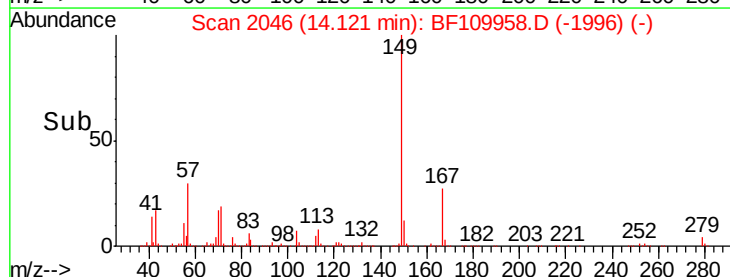
279 3.7 2.7 4.1

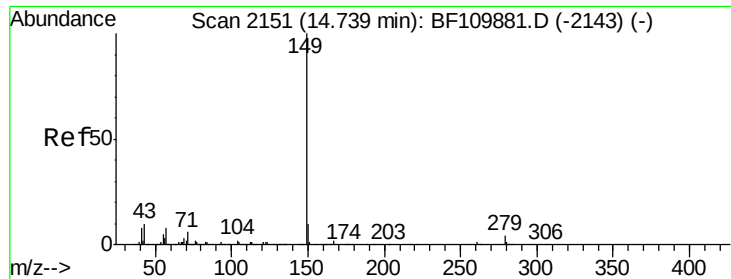


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.451 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

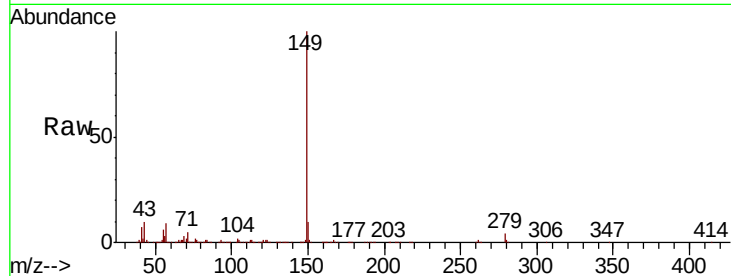
Tot Ion:149 Resp: 1191045

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

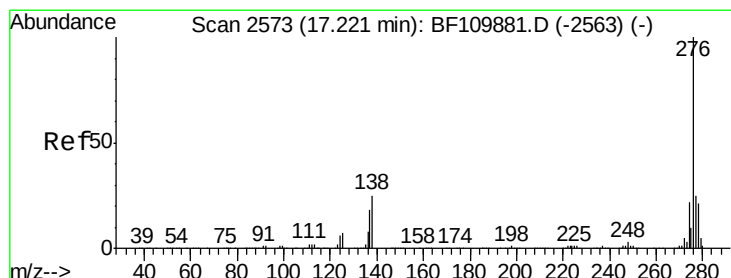
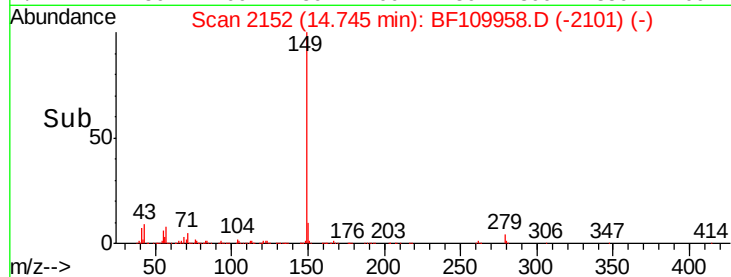
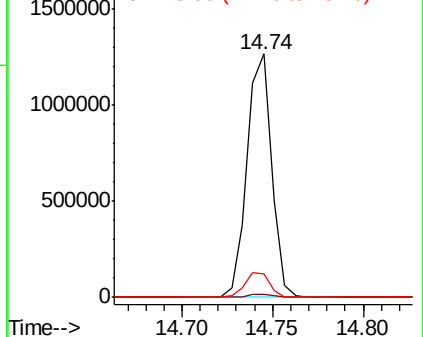
43 10.2 7.8 11.8



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: 64.426 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

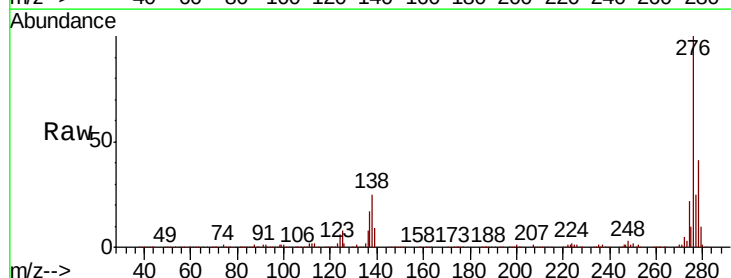
Tgt Ion:276 Resp: 1198879

Ion Ratio Lower Upper

276 100

138 28.4 18.5 27.7#

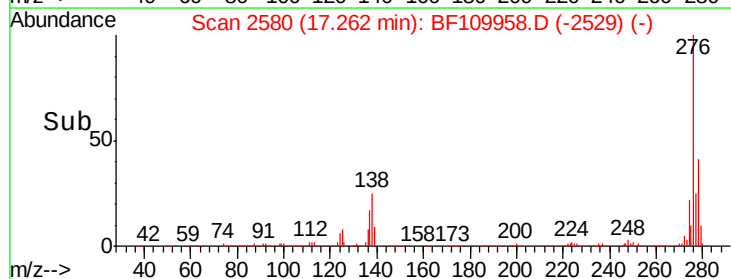
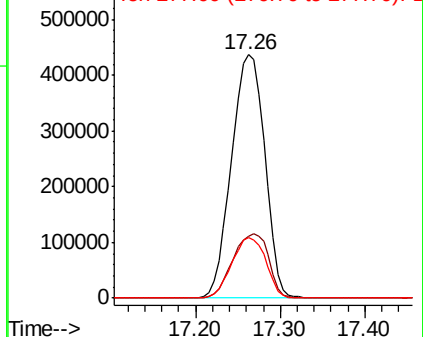
277 25.3 20.0 30.0

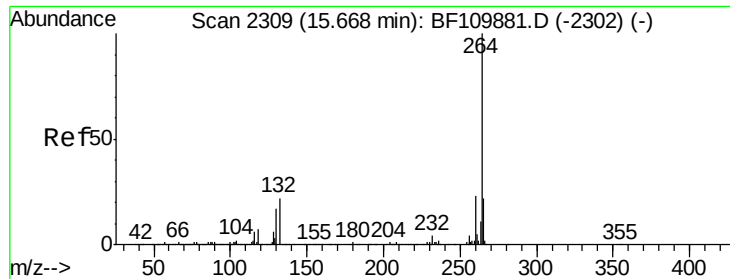


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



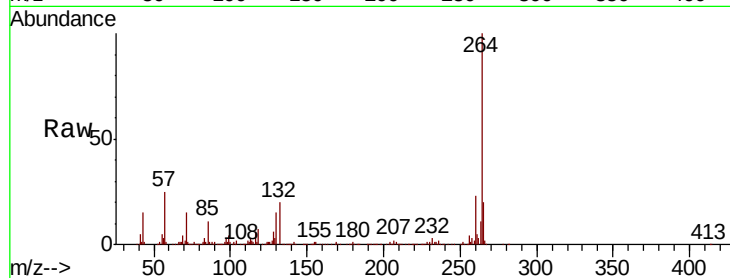


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

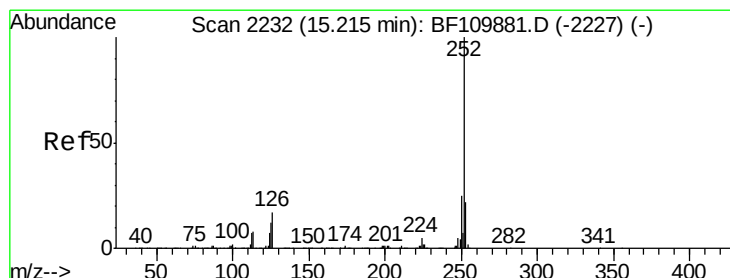
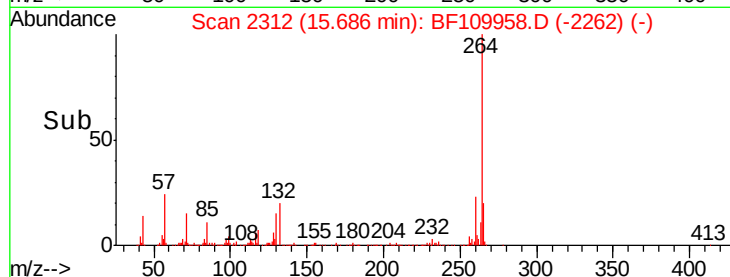
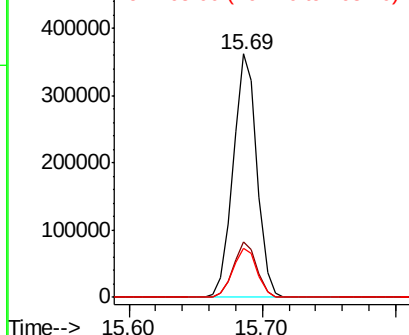
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 448211

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.2	16.7	25.1



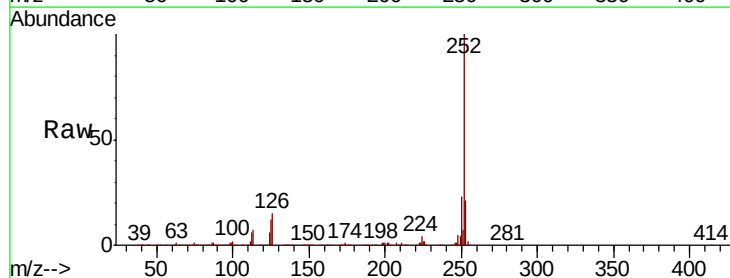
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



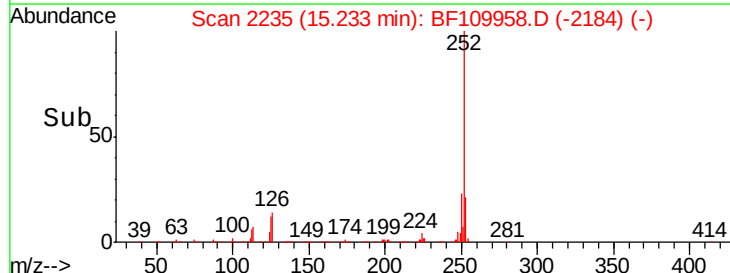
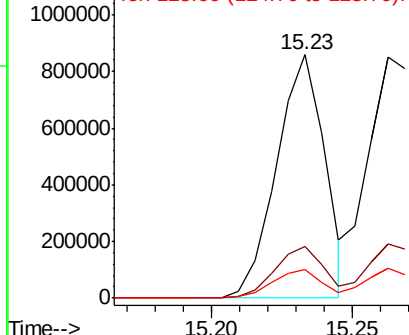
#88
Benzo(b)fluoranthene
Concen: 39.449 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

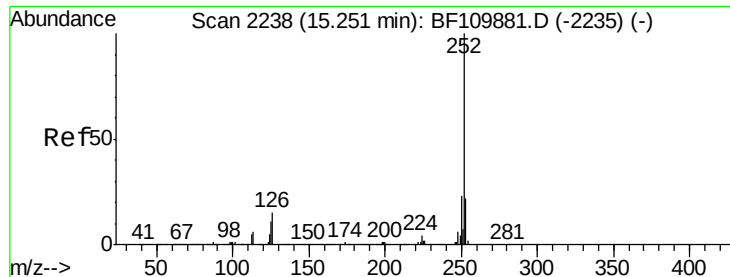
Tgt Ion:252 Resp: 1019380

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.7	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

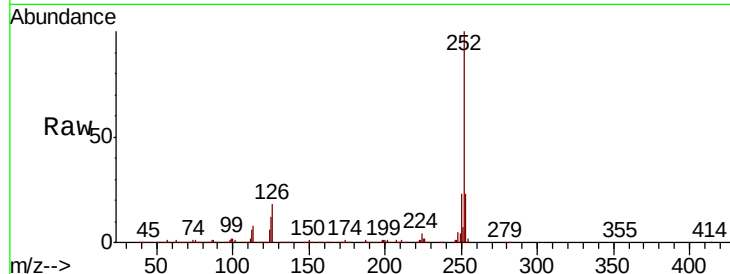




#89
Benzo(k)fluoranthene
Concen: 39.170 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.3	7.4	11.0

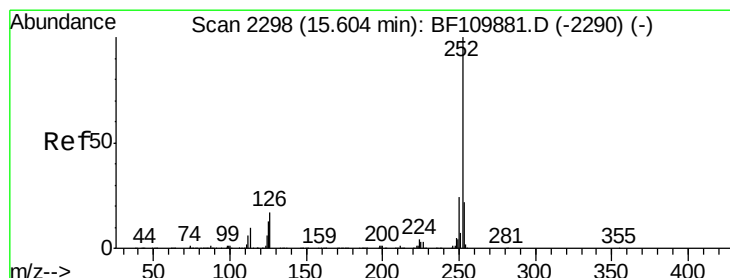
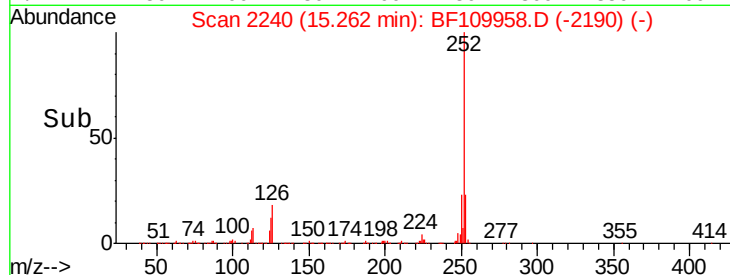
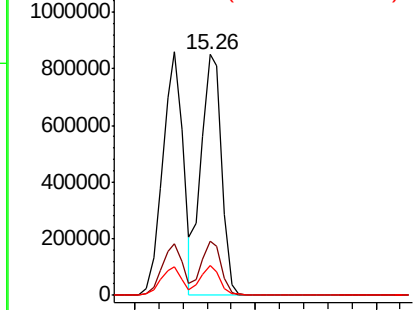


Abundance

Ion 252.00 (251.70 to 252.70): E

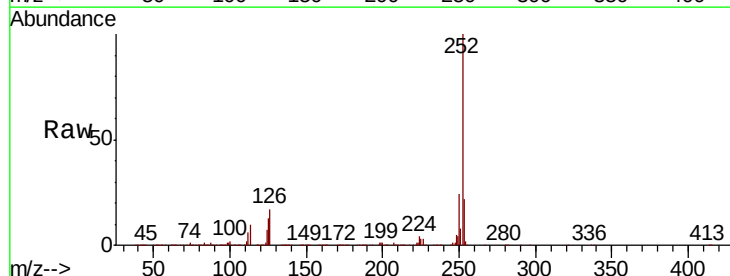
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.323 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109958.D
Acq: 18 Oct 2018 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.4	9.0	13.6

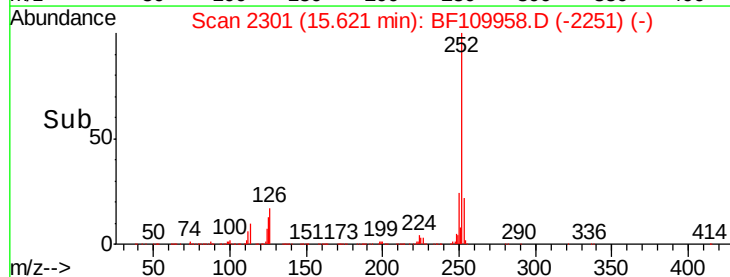
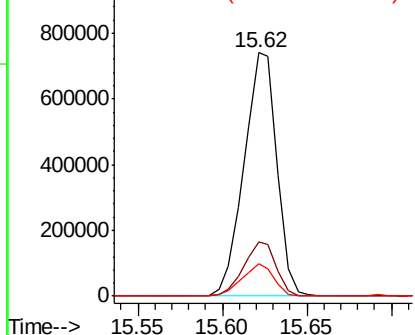


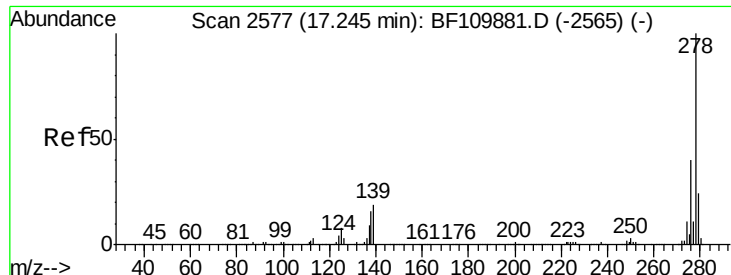
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.431 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

Instrument :

BNA_F

ClientSampleId :

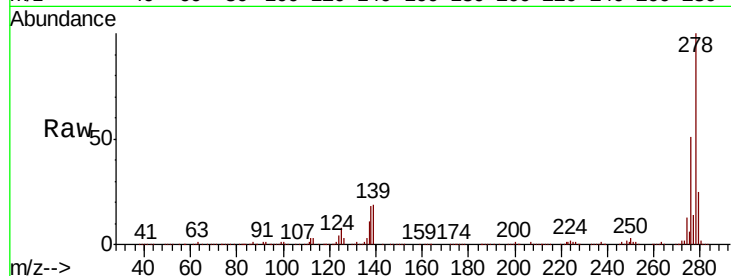
Tot Ion:278 Resp: 998977

Ion Ratio Lower Upper

278 100

139 18.8 12.7 19.1

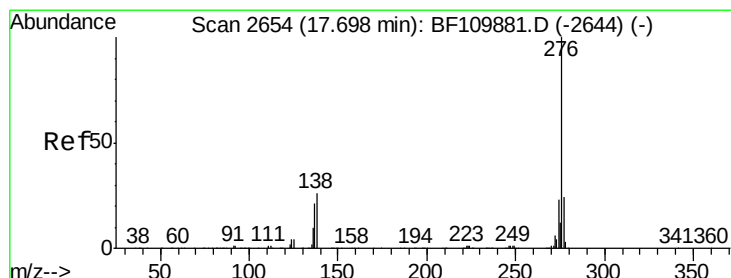
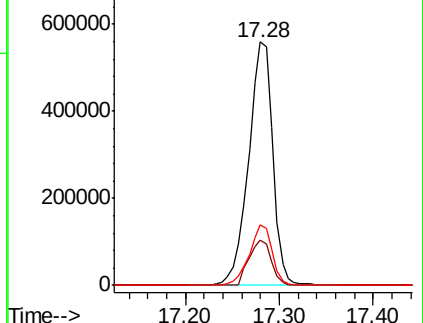
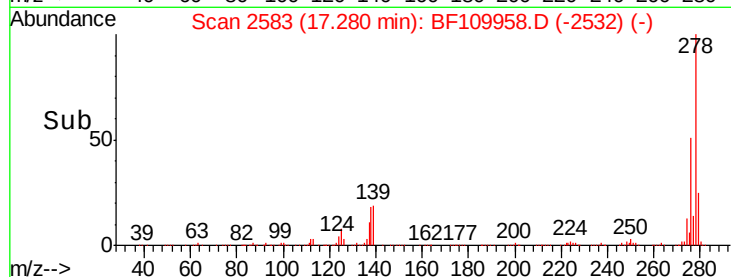
279 24.6 19.0 28.4



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: 45.641 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.01 min

Lab File: BF109958.D

Acq: 18 Oct 2018 13:51

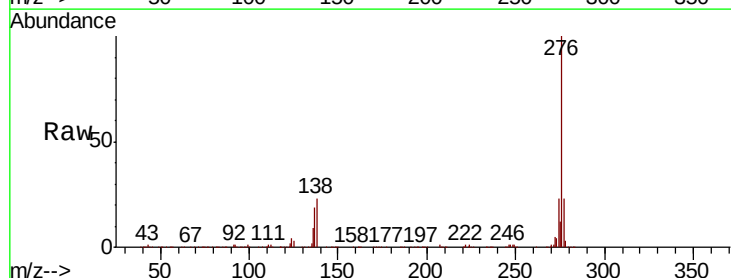
Tgt Ion:276 Resp: 971243

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 23.4 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

