

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109826.D
 Acq On : 12 Oct 2018 11:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 13:11:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83938	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	351184	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	163484	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	307447	20.00	ng	0.00
75) Chrysene-d12	13.83	240	230946	20.00	ng	0.00
86) Perylene-d12	15.23	264	182629	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	384533	81.32	ng	-0.01
7) Phenol-d6	6.35	99	500942	79.30	ng	-0.01
23) Nitrobenzene-d5	7.26	82	503643	79.05	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	141111	79.22	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	941048	79.28	ng	0.00
78) Terphenyl-d14	12.78	244	929217	77.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	100626	40.546	ng	98
3) Pyridine	3.09	79	189381	36.987	ng	97
4) n-Nitrosodimethylamine	3.04	42	64146	34.709	ng	93
6) Aniline	6.36	93	297513	40.429	ng	93
8) 2-Chlorophenol	6.49	128	235708	40.529	ng	99
9) Benzaldehyde	6.25	77	152982	37.633	ng	98
10) Phenol	6.36	94	271942	37.541	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	267111	44.478	ng	99
12) 1,3-Dichlorobenzene	6.63	146	258247	38.824	ng	98
13) 1,4-Dichlorobenzene	6.72	146	290097	40.008	ng	99
14) 1,2-Dichlorobenzene	6.87	146	265897	41.756	ng	98
15) Benzyl Alcohol	6.85	79	162150	34.623	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	303829	38.155	ng	96
17) 2-Methylphenol	6.96	107	177378	38.568	ng	92
18) Hexachloroethane	7.20	117	102400	39.954	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	170269	38.435	ng	99
20) 3+4-Methylphenols	7.12	107	212891	37.566	ng	92
22) Acetophenone	7.11	105	333550	39.277	ng	# 98
24) Nitrobenzene	7.28	77	269558	40.662	ng	99
25) Isophorone	7.52	82	398083	37.629	ng	99
26) 2-Nitrophenol	7.60	139	124006	39.991	ng	98
27) 2,4-Dimethylphenol	7.65	122	170752	38.133	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	278303	38.892	ng	99
29) 2,4-Dichlorophenol	7.85	162	199523	39.726	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	221368	39.814	ng	98
31) Naphthalene	8.00	128	623014	38.360	ng	100
32) Benzoic acid	7.79	122	84430	26.373	ng	95
33) 4-Chloroaniline	8.06	127	277085	38.741	ng	98
34) Hexachlorobutadiene	8.12	225	136809	39.574	ng	99
35) Caprolactam	8.43	113	58000	38.668	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	208714	39.367	ng	96
37) 2-Methylnaphthalene	8.69	142	399827	37.582	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	223620	40.183	ng	100
40) Hexachlorocyclopentadiene	8.85	237	67260	32.320	ng	98

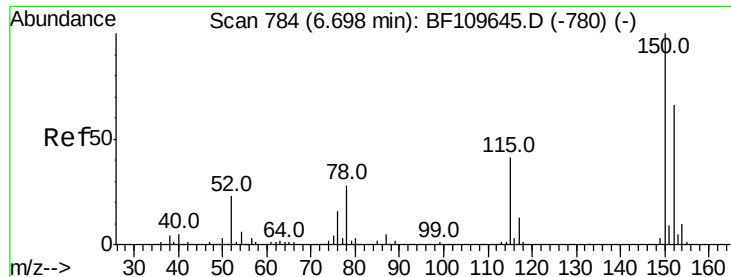
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	126258	37.952	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	149037	38.963	ng	98
45) 1,1'-Biphenyl	9.15	154	582183	39.862	ng	100
46) 2-Chloronaphthalene	9.17	162	438857	40.108	ng	98
47) 2-Nitroaniline	9.28	65	132265	39.922	ng	94
48) Acenaphthylene	9.59	152	631758	39.604	ng	99
49) Dimethylphthalate	9.46	163	458678	38.255	ng	99
50) 2,6-Dinitrotoluene	9.52	165	103557	39.844	ng	95
51) Acenaphthene	9.76	154	362689	38.355	ng	100
52) 3-Nitroaniline	9.69	138	117105	40.195	ng	92
53) 2,4-Dinitrophenol	9.81	184	25139	29.979	ng	# 74
54) Dibenzofuran	9.93	168	565005	39.860	ng	98
55) 4-Nitrophenol	9.87	139	41511	26.030	ng	97
56) 2,4-Dinitrotoluene	9.92	165	128478	39.611	ng	93
57) Fluorene	10.27	166	415449	39.248	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	129450	41.632	ng	96
59) Diethylphthalate	10.15	149	459859	38.709	ng	100
60) 4-Chlorophenyl-phenylether	10.26	204	224747	40.245	ng	100
61) 4-Nitroaniline	10.30	138	106345	39.415	ng	99
62) Azobenzene	10.42	77	481127	39.882	ng	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	51133	34.170	ng	89
65) n-Nitrosodiphenylamine	10.39	169	410536	39.389	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	135955	38.486	ng	96
67) Hexachlorobenzene	10.82	284	146032	38.175	ng	93
68) Atrazine	10.91	200	127361	39.156	ng	99
69) Pentachlorophenol	11.02	266	78263	36.359	ng	100
70) Phenanthrene	11.23	178	598444	38.896	ng	100
71) Anthracene	11.28	178	652050	40.997	ng	100
72) Carbazole	11.44	167	626917	40.641	ng	99
73) Di-n-butylphthalate	11.77	149	698882	39.063	ng	99
74) Fluoranthene	12.41	202	637191	39.643	ng	98
76) Benzidine	12.54	184	347074	40.456	ng	98
77) Pyrene	12.64	202	644298	38.078	ng	99
79) Butylbenzylphthalate	13.26	149	287170	39.145	ng	96
80) Benzo(a)anthracene	13.82	228	480459	37.699	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	198243	38.631	ng	100
82) Chrysene	13.86	228	532648	39.790	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	351871	39.314	ng	97
84) Di-n-octyl phthalate	14.42	149	554426	39.190	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	365419	38.137	ng	100
87) Benzo(b)fluoranthene	14.84	252	384128	38.061	ng	98
88) Benzo(k)fluoranthene	14.86	252	411655	40.596	ng	99
89) Benzo(a)pyrene	15.17	252	358892	39.186	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	305908	40.670	ng	100
91) Benzo(g,h,i)perylene	16.99	276	308553	41.079	ng	99

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

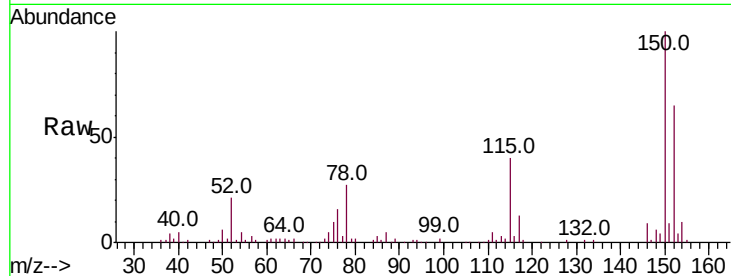


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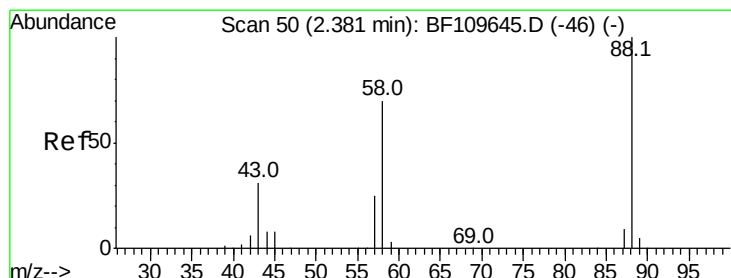
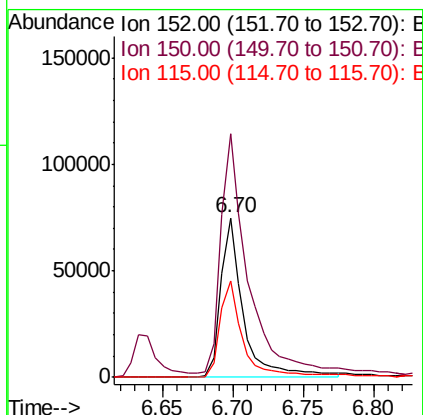
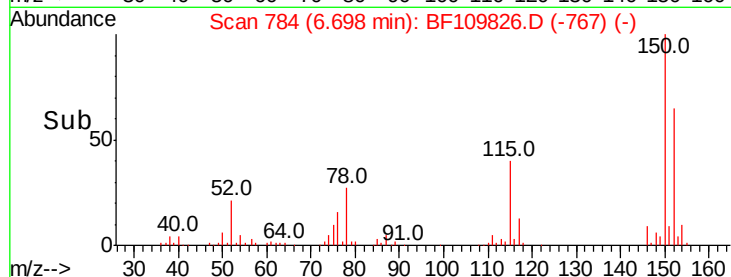
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83938
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 60.7 49.1 73.7



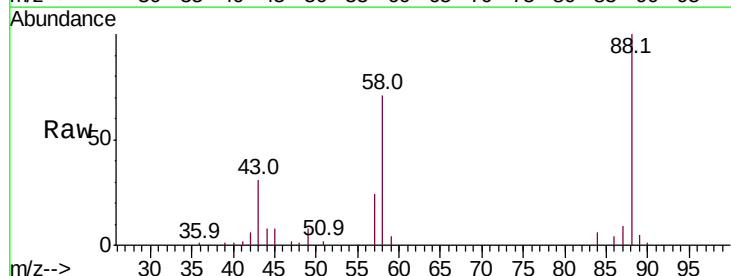
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



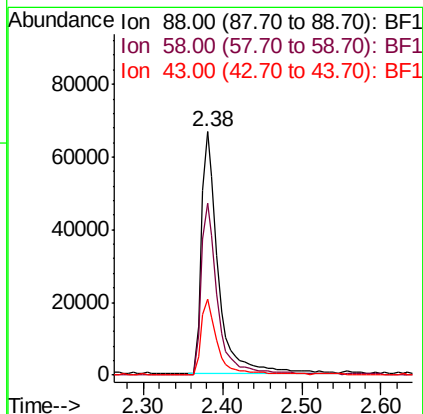
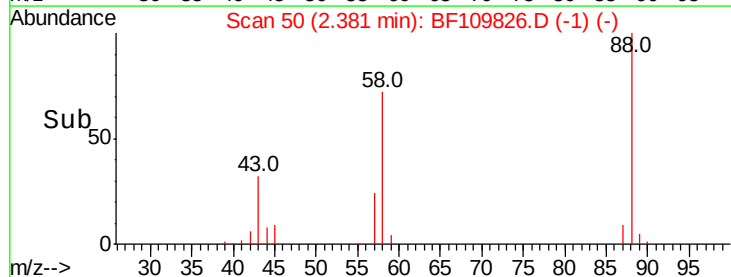
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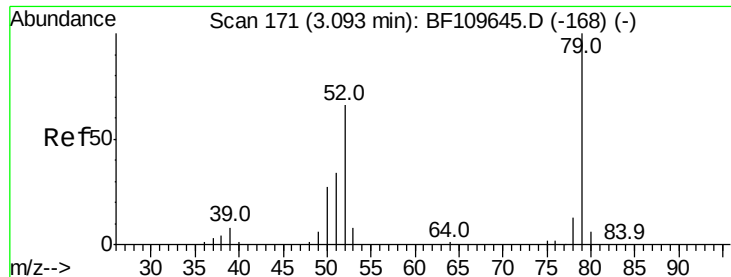
1,4-Dioxane
Concen: 40.546 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion: 88 Resp: 100626
Ion Ratio Lower Upper
88 100
58 70.0 57.1 85.7
43 29.1 24.1 36.1



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



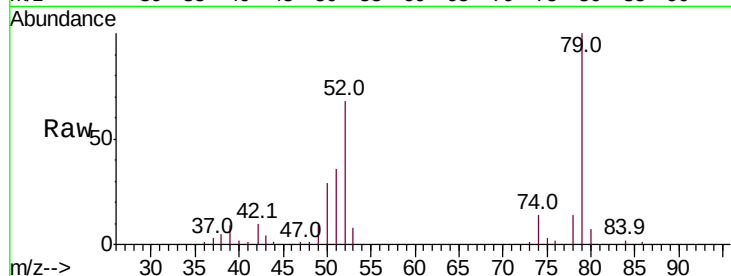


#3
 Pvridine
 Concen: 36.987 ng
 RT: 3.09 min Scan# 171
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

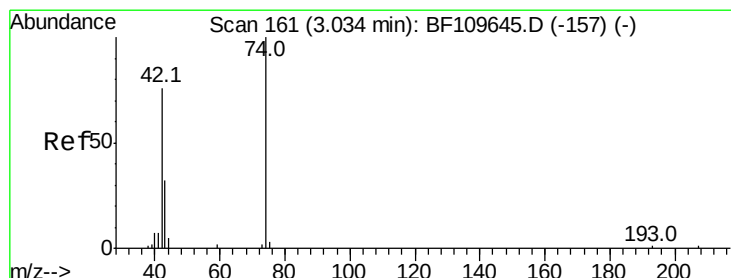
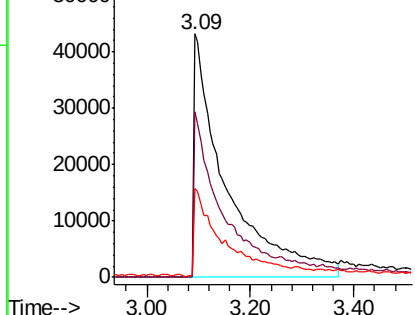
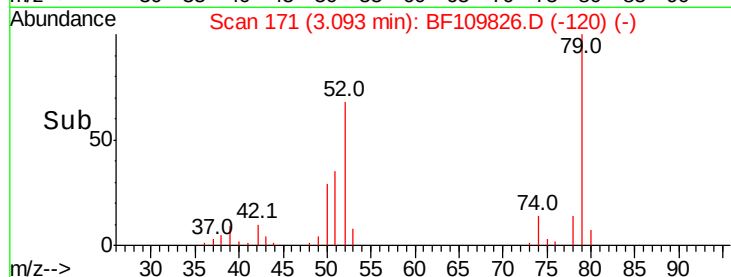
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 189381

Ion	Ratio	Lower	Upper
79	100		
52	67.9	53.1	79.7
51	36.4	27.4	41.2



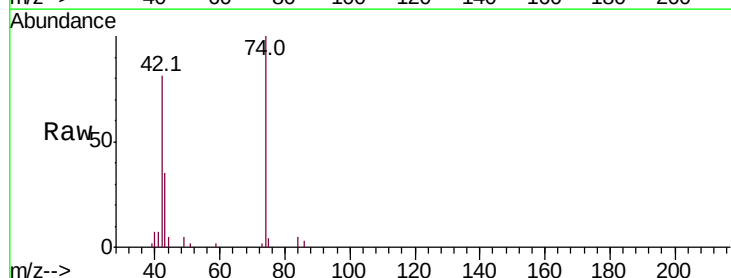
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1



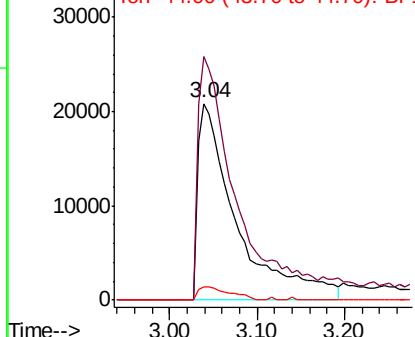
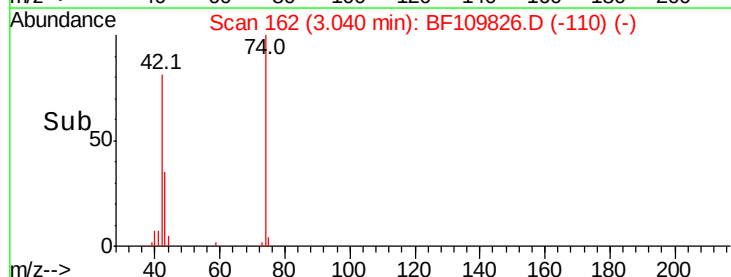
#4
 n-Nitrosodimethylamine
 Concen: 34.709 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

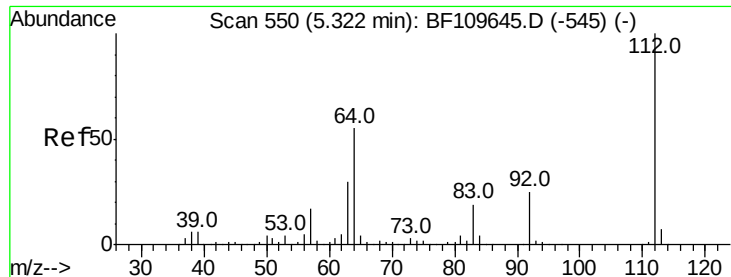
Tgt Ion: 42 Resp: 64146

Ion	Ratio	Lower	Upper
42	100		
74	123.9	105.5	158.3
44	6.6	4.9	7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1

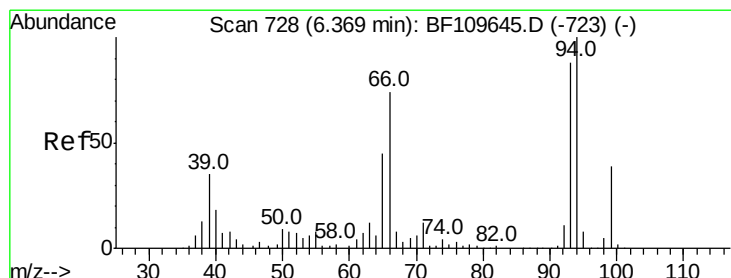
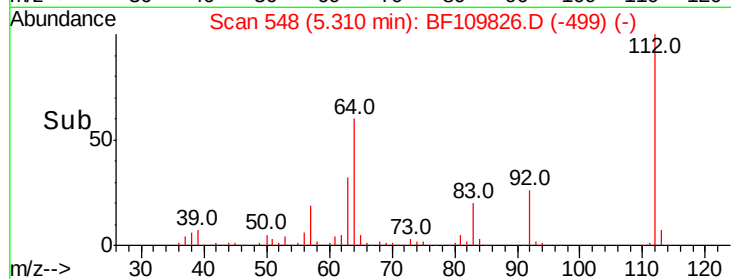
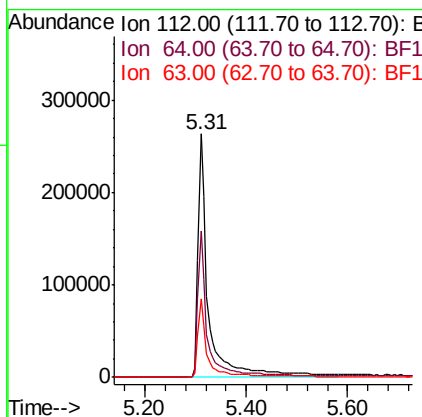
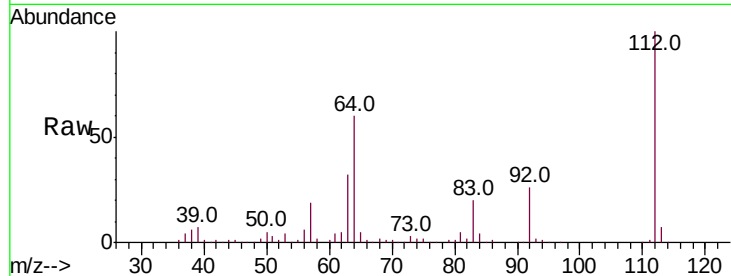




#5
 2-Fluorophenol
 Concen: 81.317 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

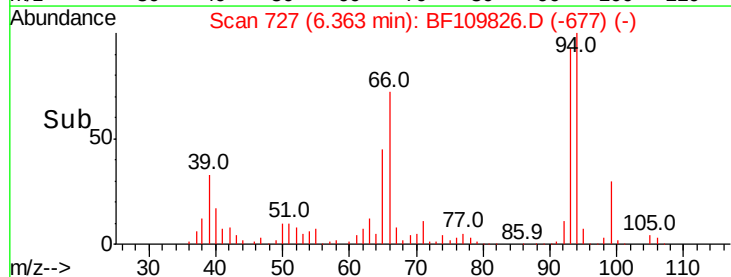
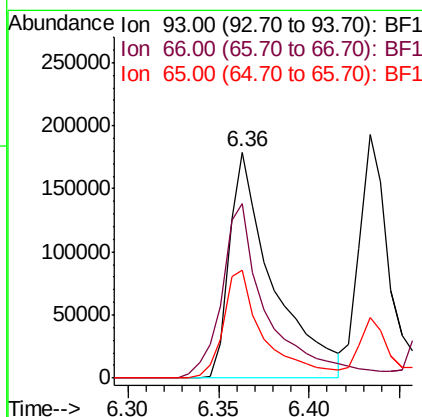
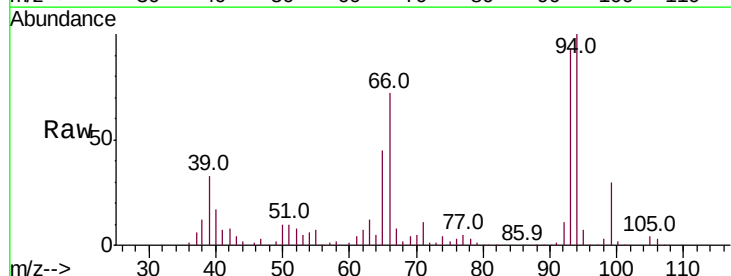
Instrument :
 BNA_F
 ClientSampled :

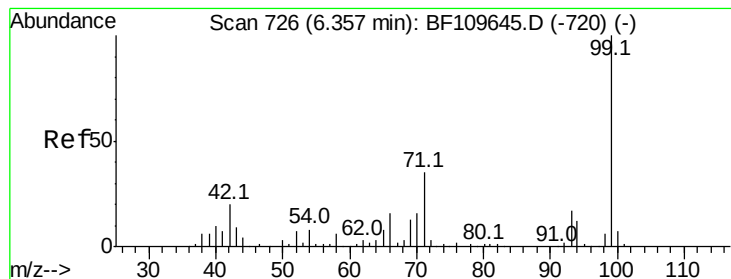
Tot Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.1	66.1
63	32.1	23.7	35.5



#6
 Aniline
 Concen: 40.429 ng
 RT: 6.36 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
66	77.1	67.4	101.0
65	48.0	41.0	61.4





#7

Phenol-d6

Concen: 79.299 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

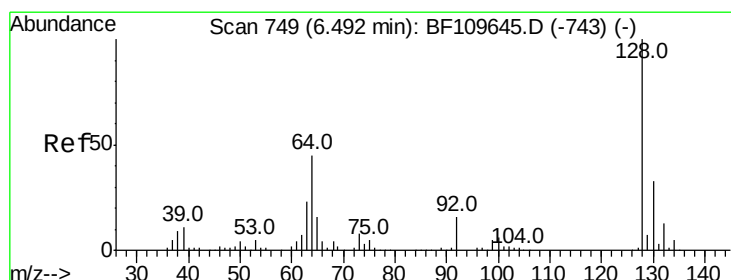
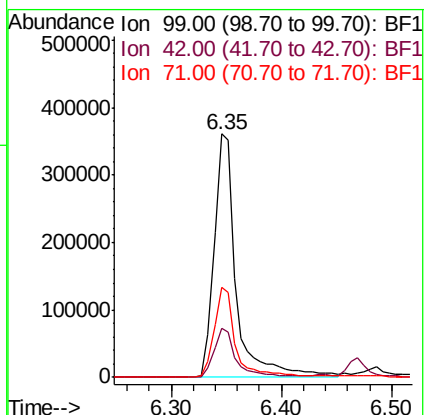
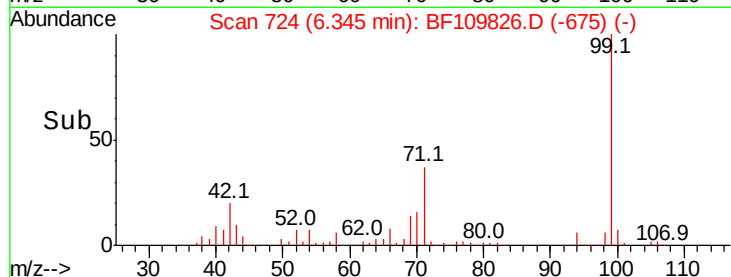
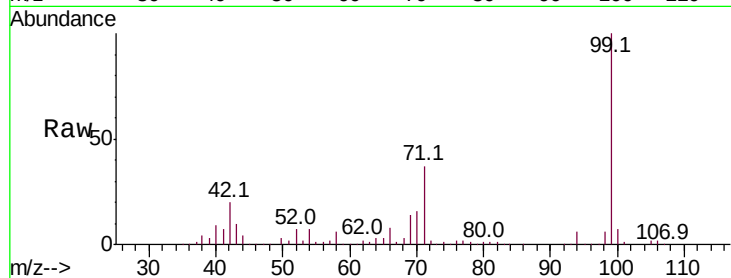
Tot Ion: 99 Resp: 500942

Ion Ratio Lower Upper

99 100

42 20.1 15.8 23.6

71 36.9 28.0 42.0



#8

2-Chlorophenol

Concen: 40.529 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

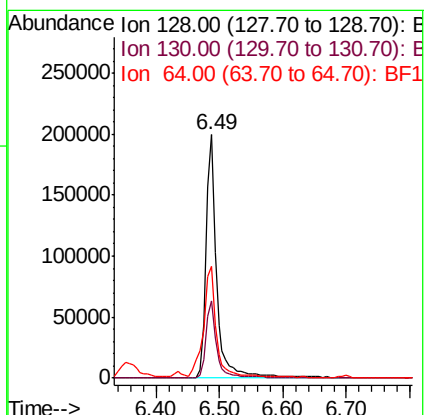
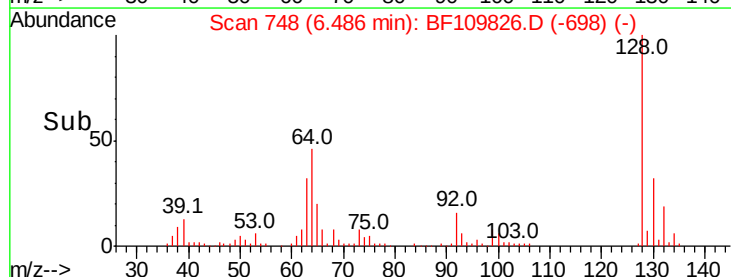
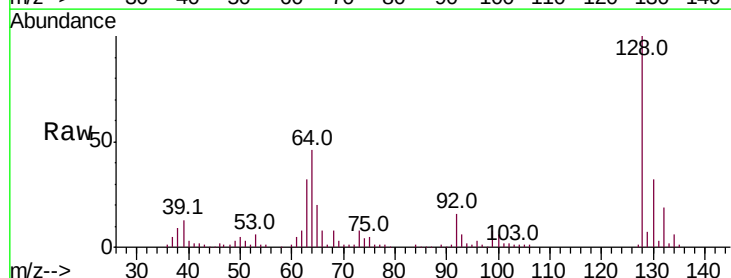
Tgt Ion: 128 Resp: 235708

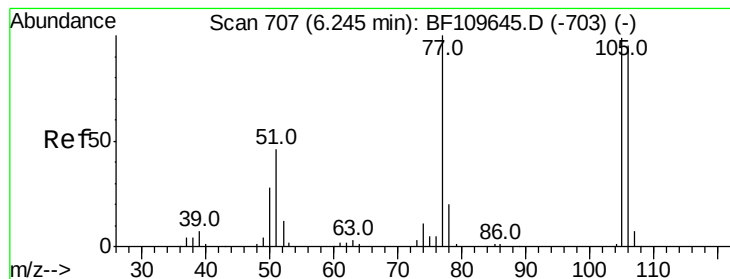
Ion Ratio Lower Upper

128 100

130 31.6 13.1 53.1

64 46.1 26.0 66.0





#9

Benzaldehyde

Concen: 37.633 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

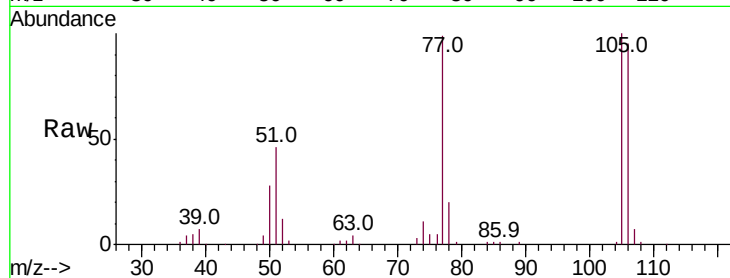
Tot Ion: 77 Resp: 152982

Ion Ratio Lower Upper

77 100

105 100.7 78.6 118.6

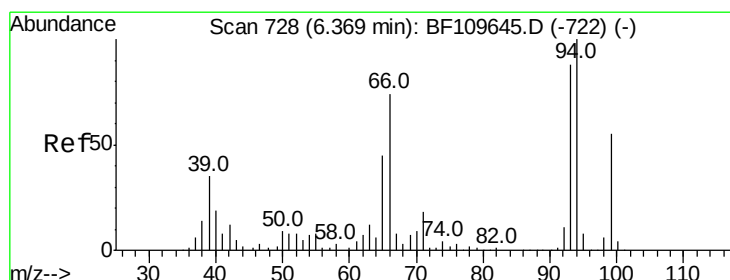
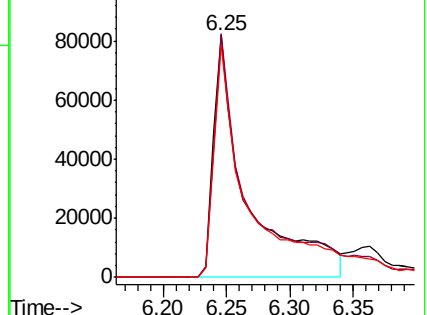
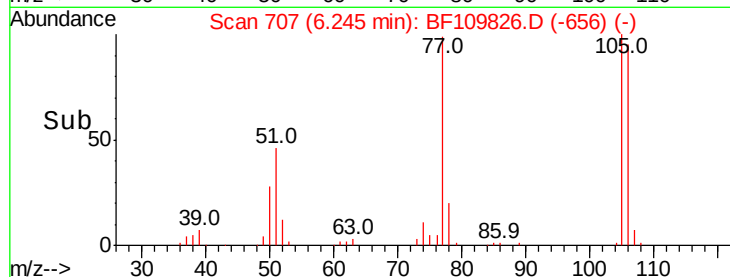
106 95.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.541 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

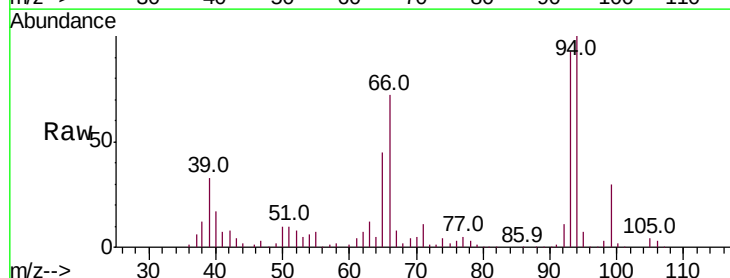
Tgt Ion: 94 Resp: 271942

Ion Ratio Lower Upper

94 100

65 44.8 25.3 65.3

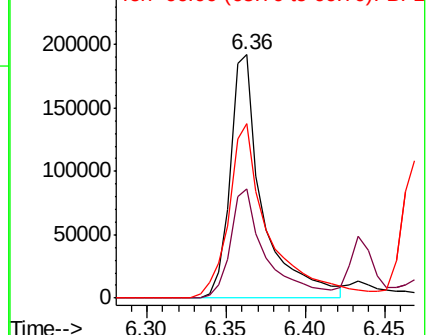
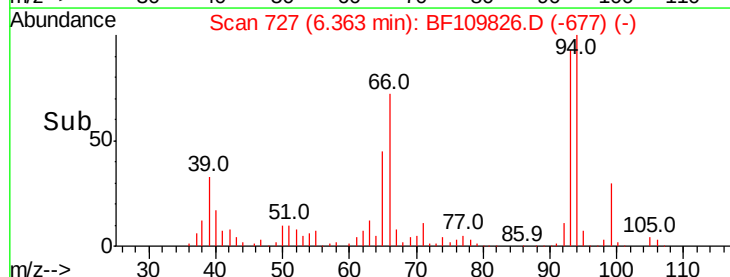
66 71.9 54.5 94.5

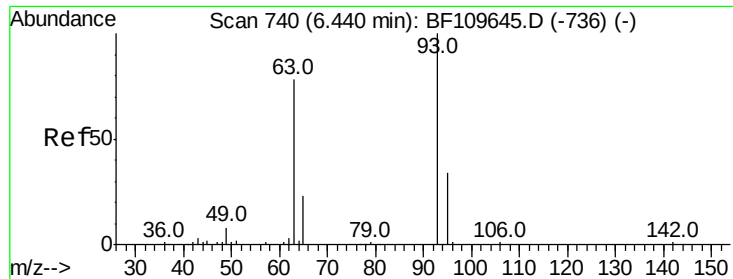


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

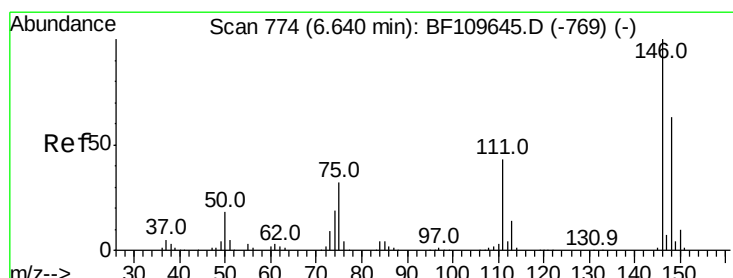
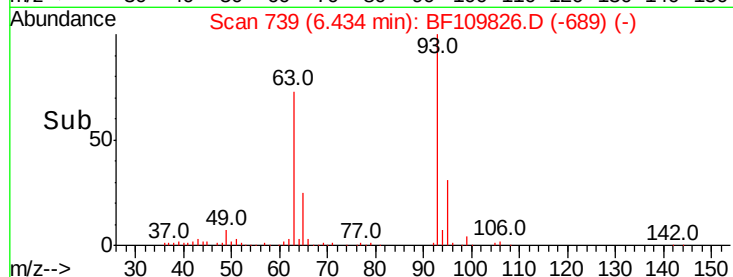
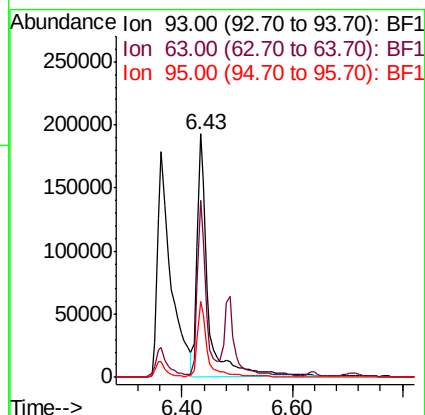
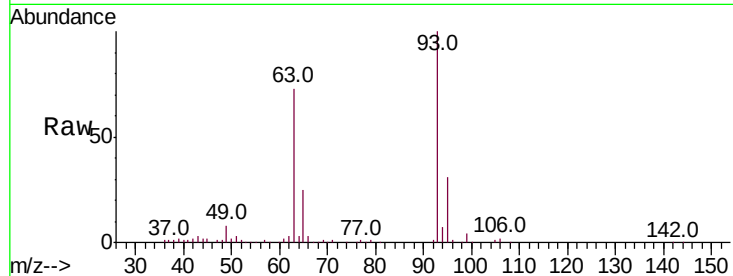




#11
bis(2-Chloroethyl)ether
Concen: 44.478 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

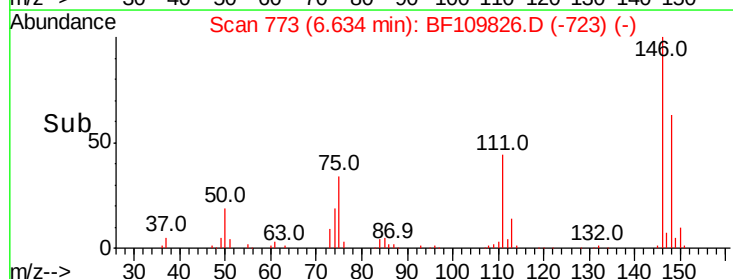
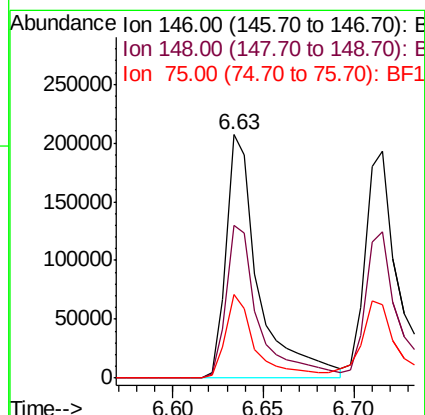
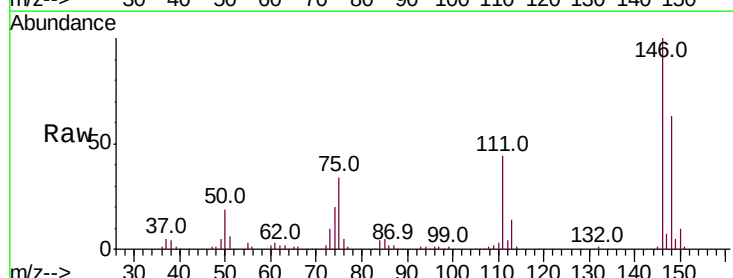
Instrument :
BNA_F
ClientSampled :

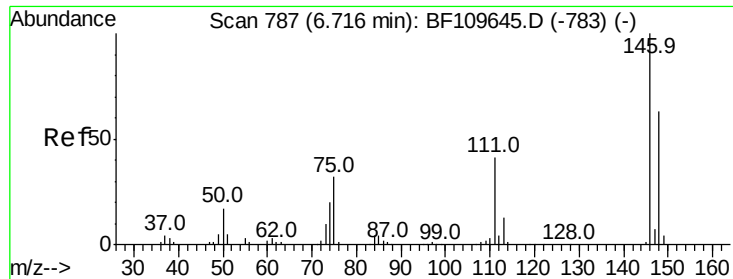
Tot Ion: 93 Resp: 267111
Ion Ratio Lower Upper
93 100
63 72.7 53.4 93.4
95 31.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.824 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion: 146 Resp: 258247
Ion Ratio Lower Upper
146 100
148 62.5 50.4 75.6
75 34.2 25.8 38.6

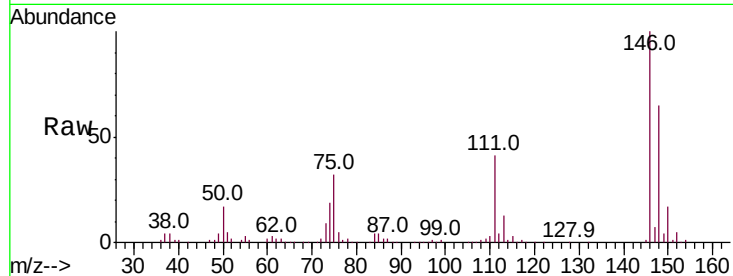




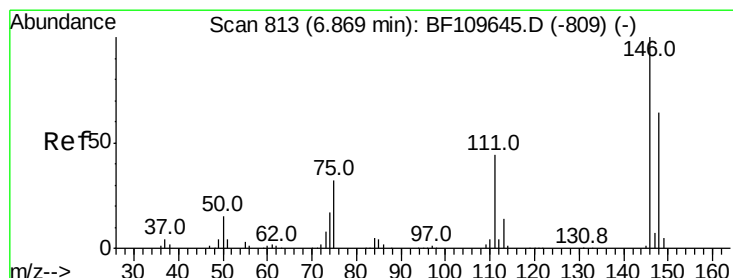
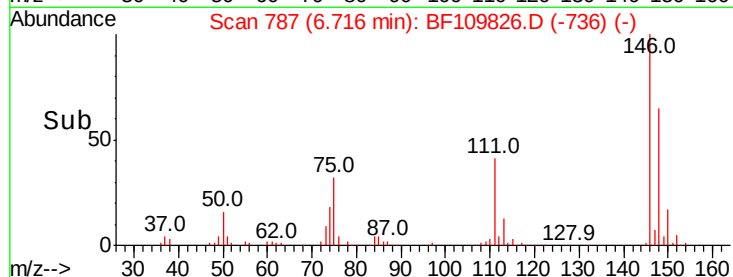
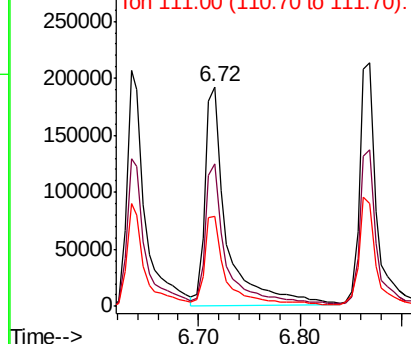
#13
 1,4-Dichlorobenzene
 Concen: 40.008 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.3	75.5
111	40.9	32.7	49.1

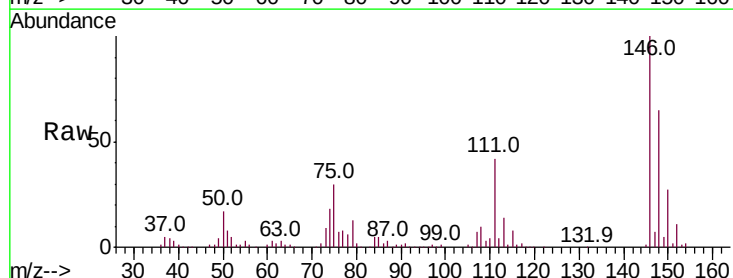


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

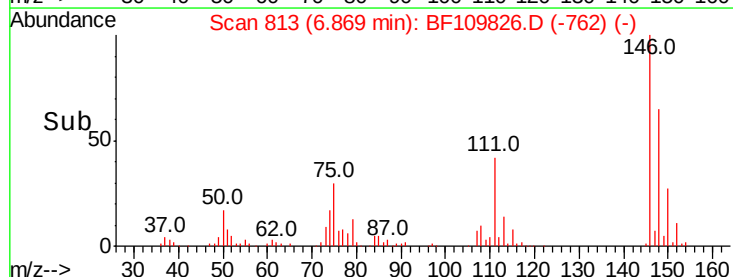
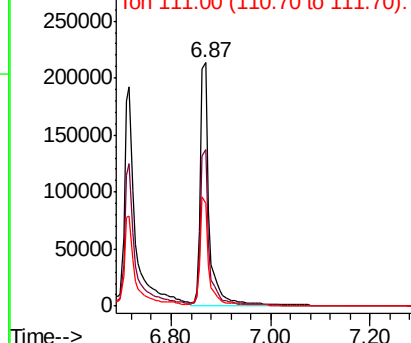


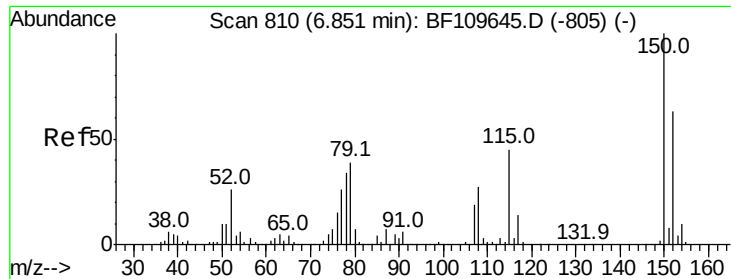
#14
 1,2-Dichlorobenzene
 Concen: 41.756 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	42.1	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

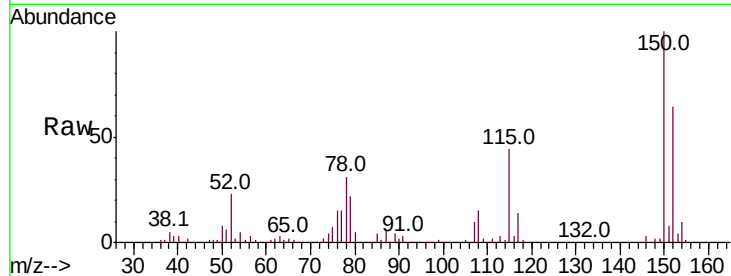




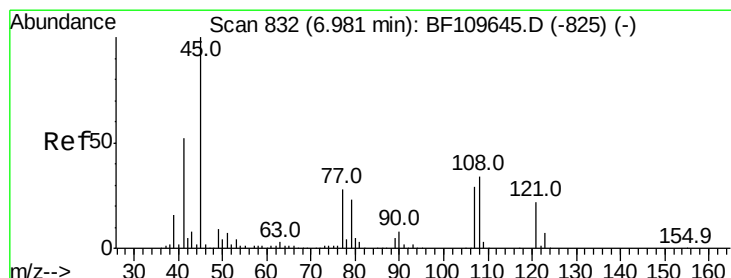
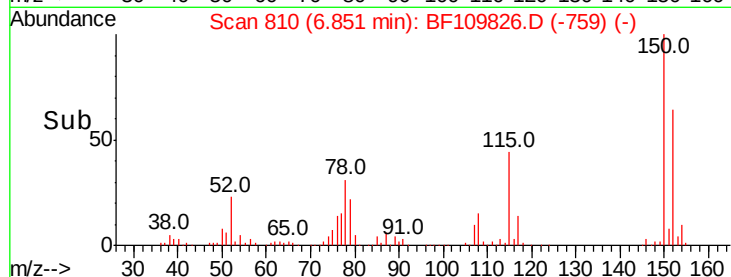
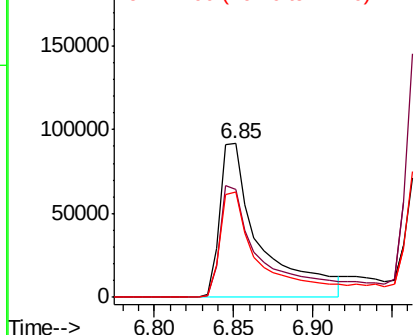
#15
Benzyl Alcohol
Concen: 34.623 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 162150
Ion Ratio Lower Upper
79 100
108 69.9 56.3 84.5
77 68.4 52.9 79.3

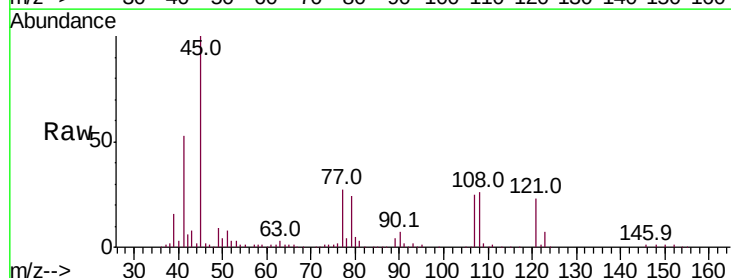


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

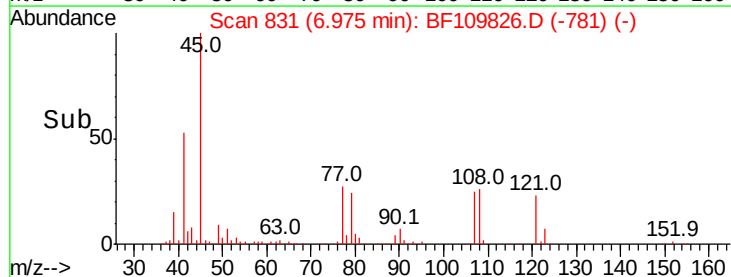
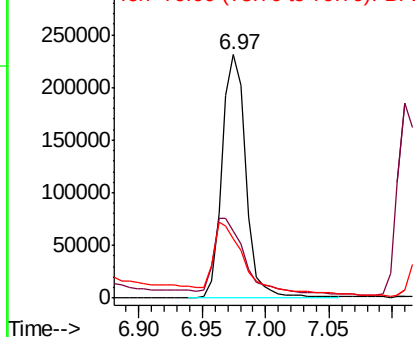


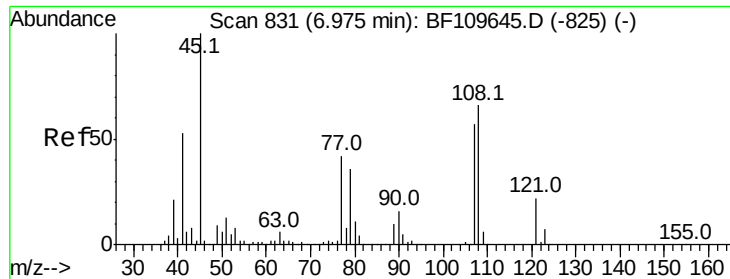
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.155 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion: 45 Resp: 303829
Ion Ratio Lower Upper
45 100
77 27.3 10.0 50.0
79 24.2 6.1 46.1



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

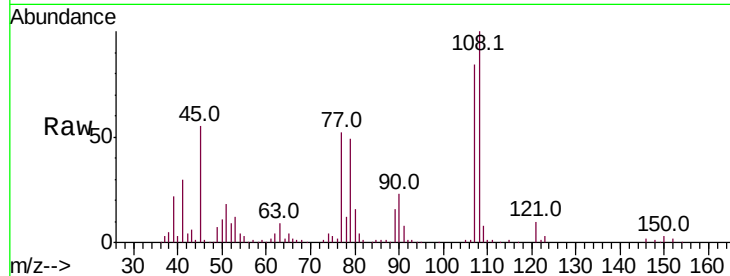




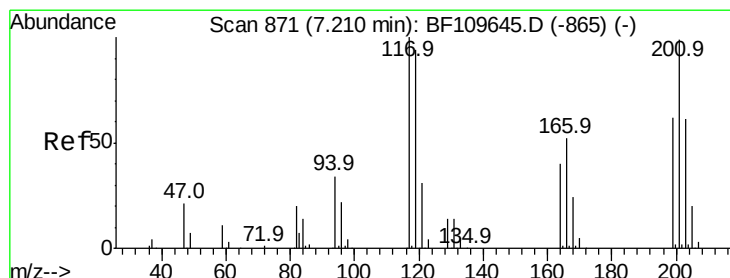
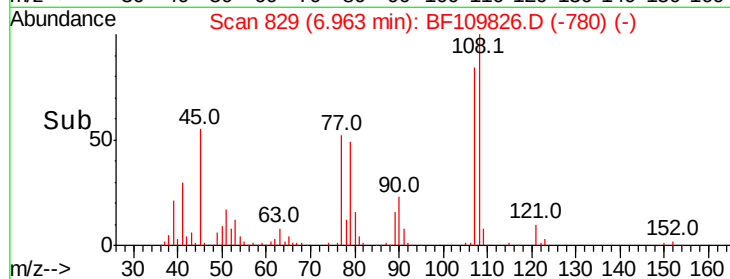
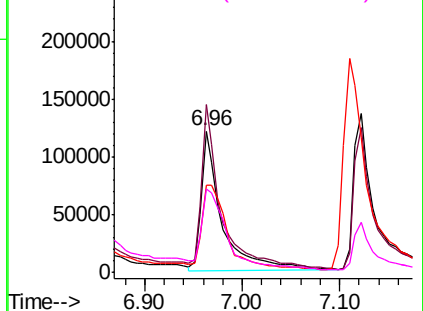
#17
2-Methylphenol
Concen: 38.568 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 177378
Ion Ratio Lower Upper
107 100
108 118.9 92.6 138.8
77 61.8 59.4 89.2
79 58.7 54.0 81.0

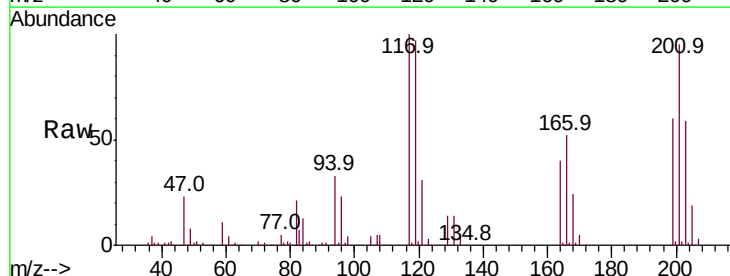


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

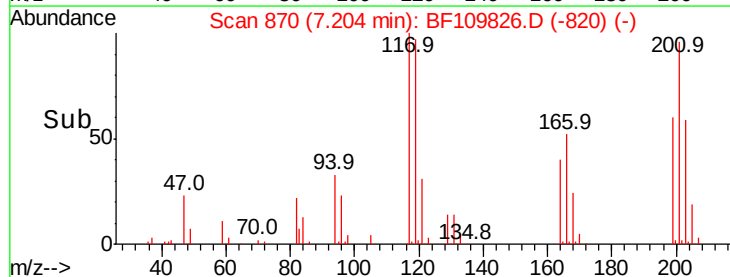
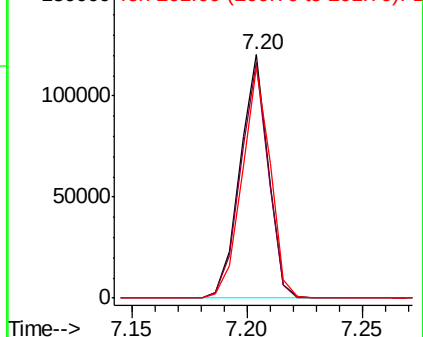


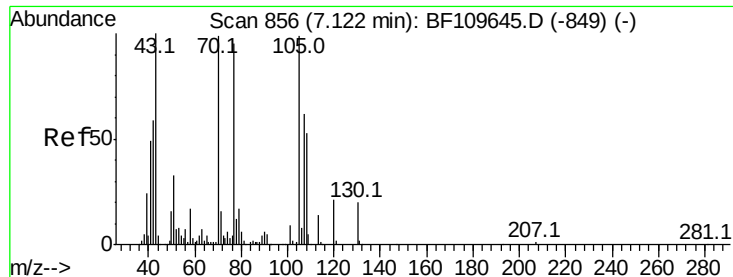
#18
Hexachloroethane
Concen: 39.954 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:117 Resp: 102400
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 94.9 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

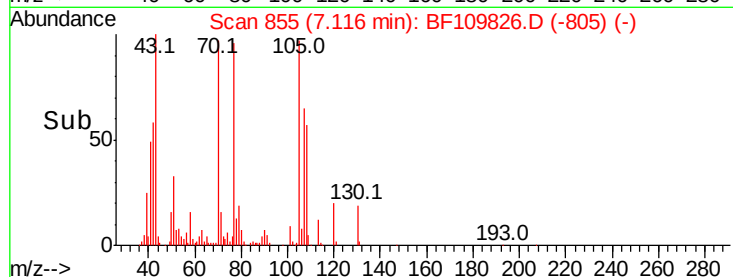
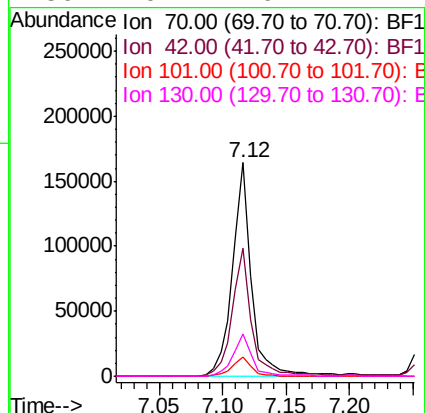
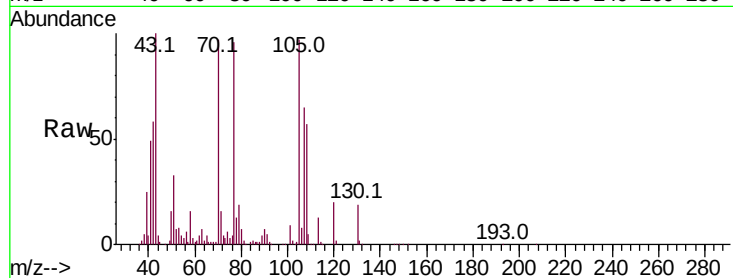




#19
n-Nitroso-di-n-propylamine
Concen: 38.435 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

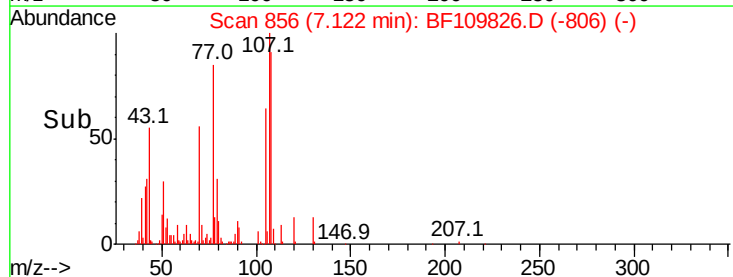
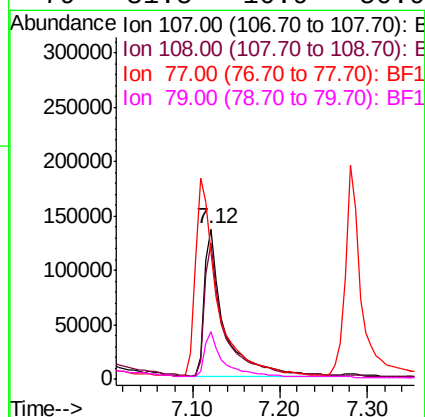
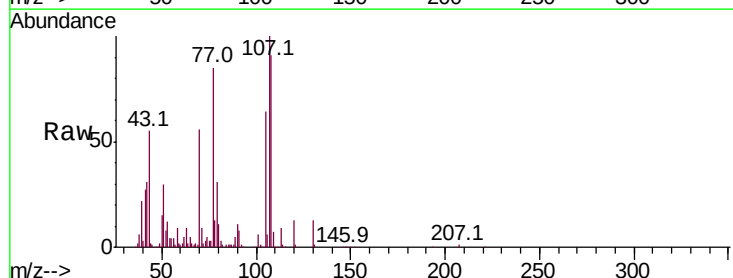
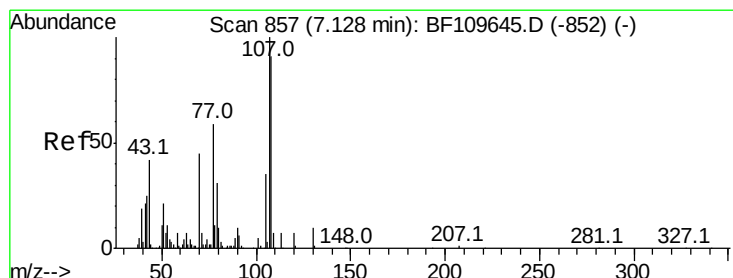
Instrument :
BNA_F
ClientSampled :

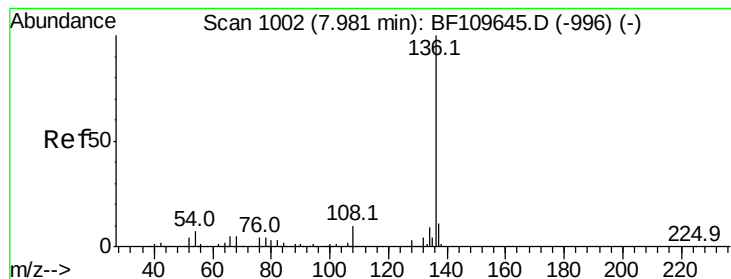
Tot Ion:	70	Resp:	170269
Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.4	71.2
101	9.2	7.3	10.9
130	19.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.566 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:	107	Resp:	212891
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	84.5	47.3	87.3
79	31.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 351184

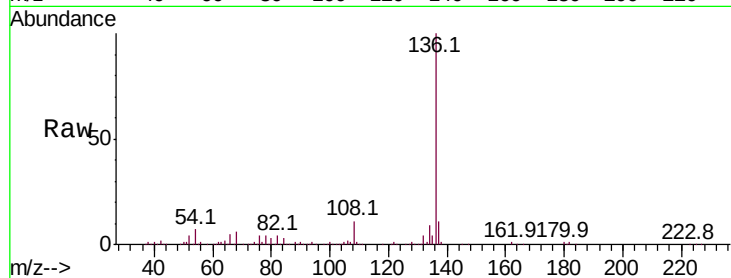
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.4 8.2

68 5.6 4.2 6.2

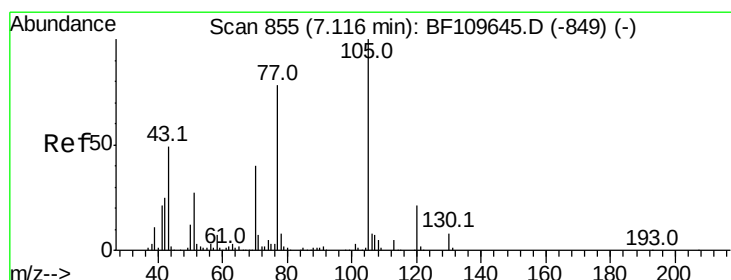
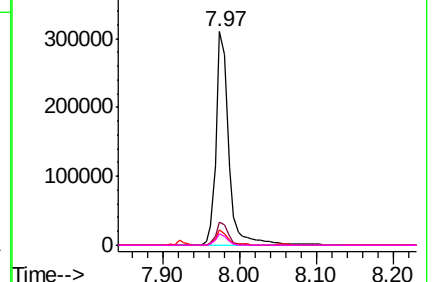
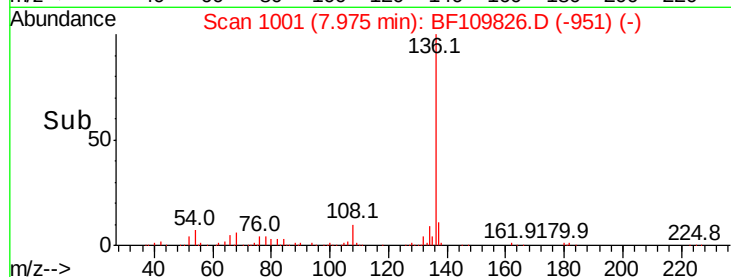


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.277 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Tgt Ion:105 Resp: 333550

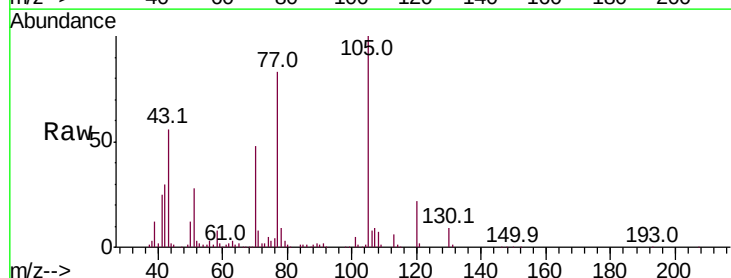
Ion Ratio Lower Upper

105 100

71 8.1 5.2 7.8#

51 28.0 21.8 32.8

120 21.6 17.0 25.4

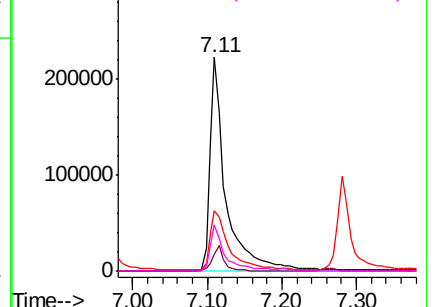
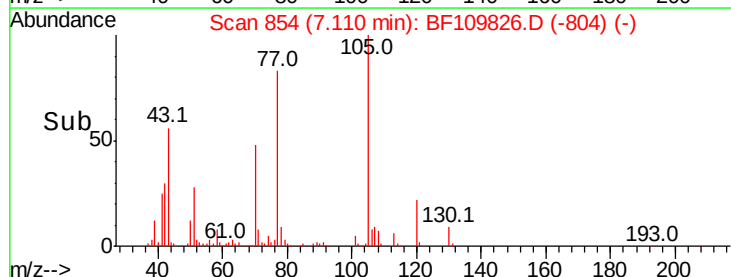


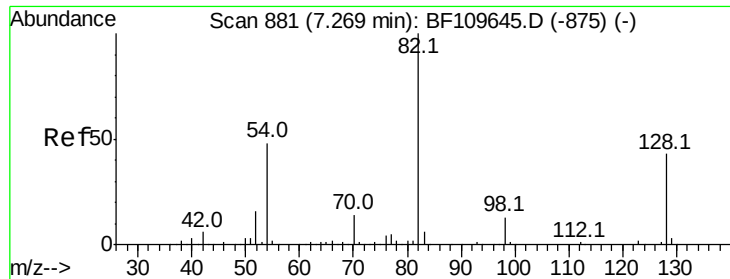
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

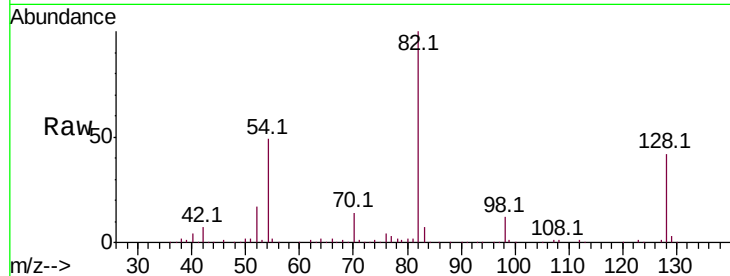




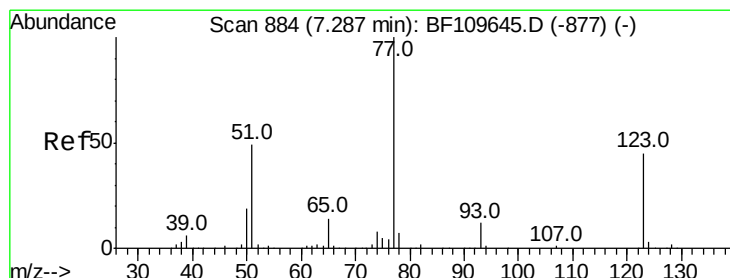
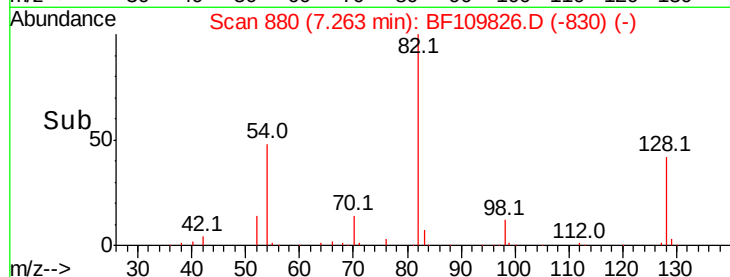
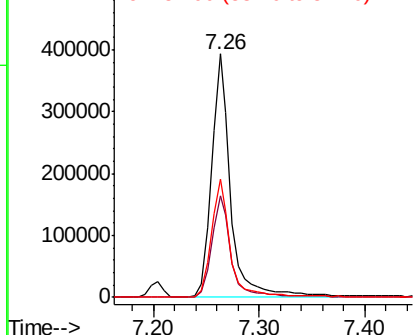
#23
Nitrobenzene-d5
Concen: 79.054 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	503643
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.2	51.2
54	48.8	38.6	58.0

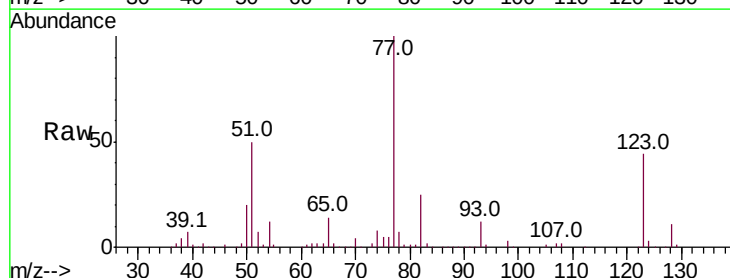


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

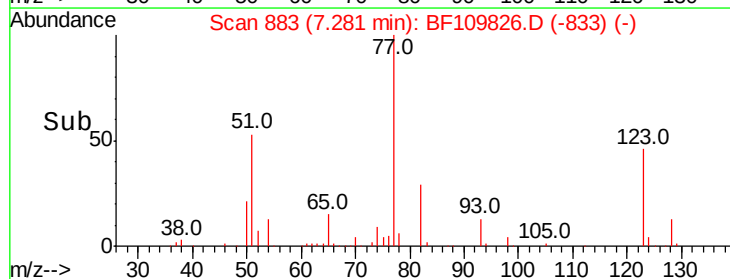
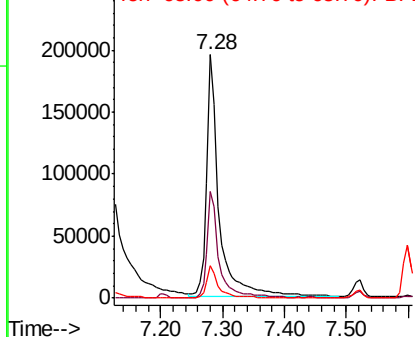


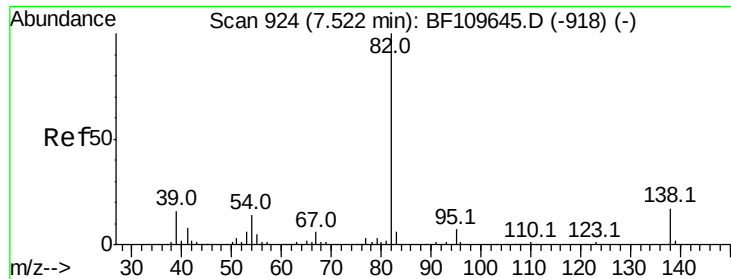
#24
Nitrobenzene
Concen: 40.662 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	77	Resp	269558
Ion Ratio	Lower	Upper	
77	100		
123	43.6	35.7	53.5
65	13.6	10.7	16.1



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





#25

Isophorone

Concen: 37.629 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

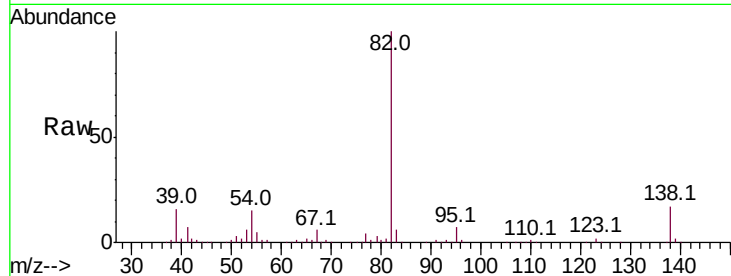
Tot Ion: 82 Resp: 398083

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

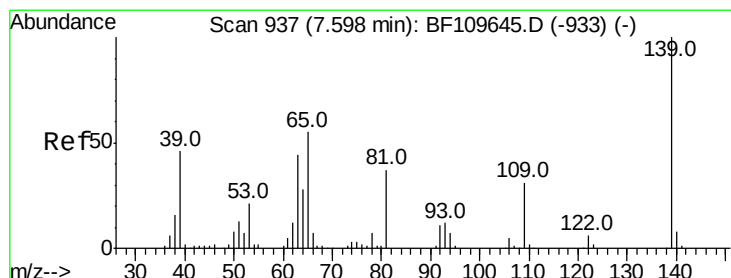
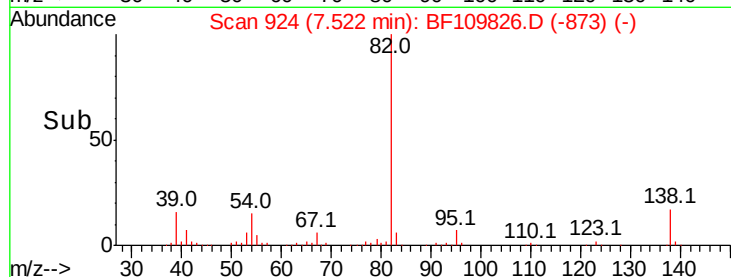
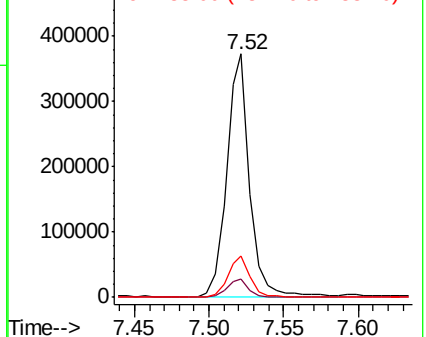
138 16.9 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.991 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

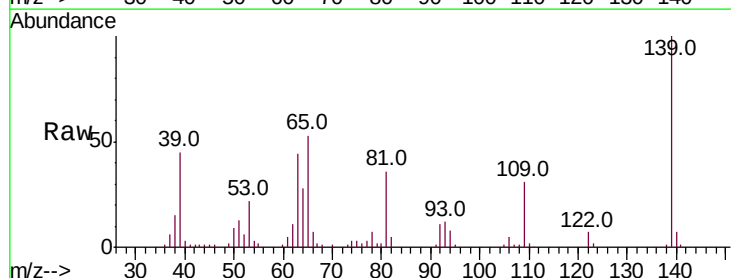
Tgt Ion: 139 Resp: 124006

Ion Ratio Lower Upper

139 100

109 31.2 25.0 37.6

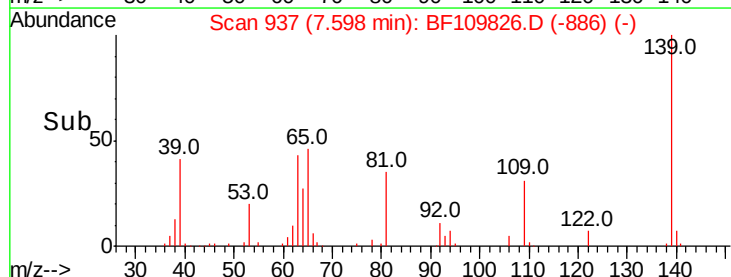
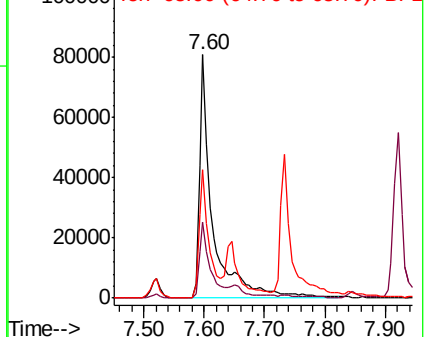
65 52.9 44.0 66.0

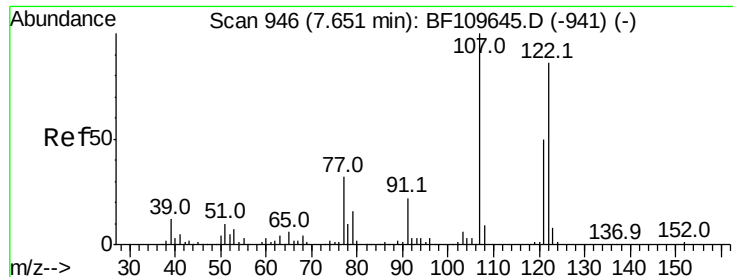


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

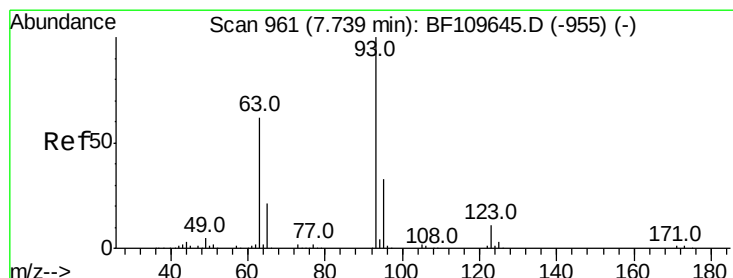
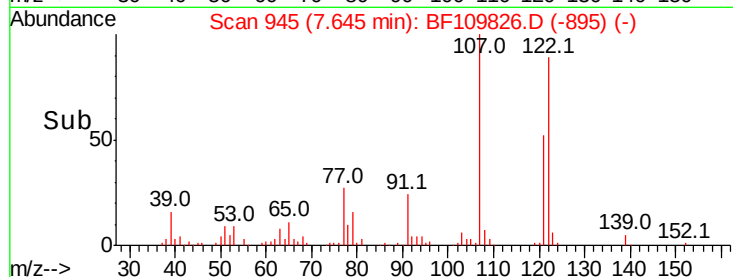
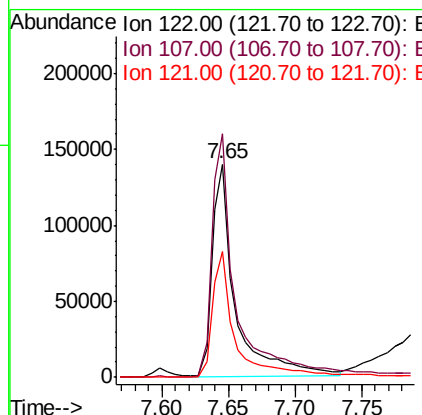
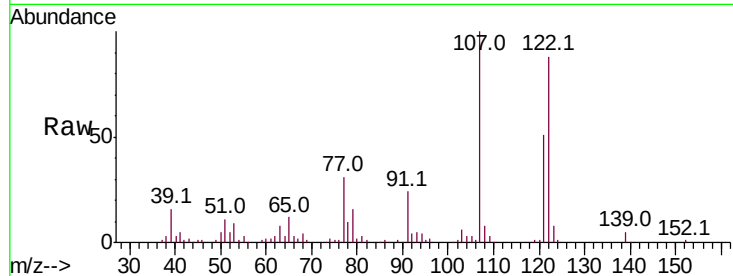




#27
 2,4-Dimethylphenol
 Concen: 38.133 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

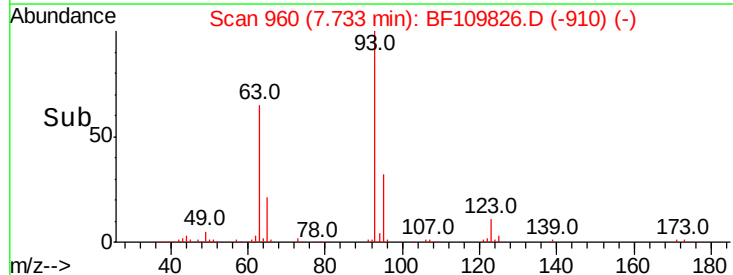
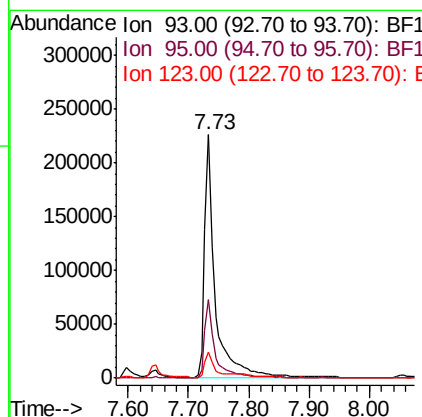
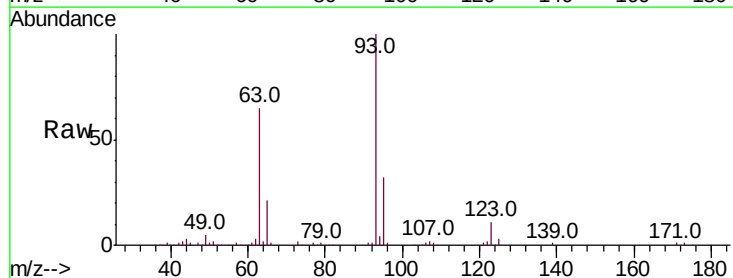
Instrument :
 BNA_F
 ClientSampled :

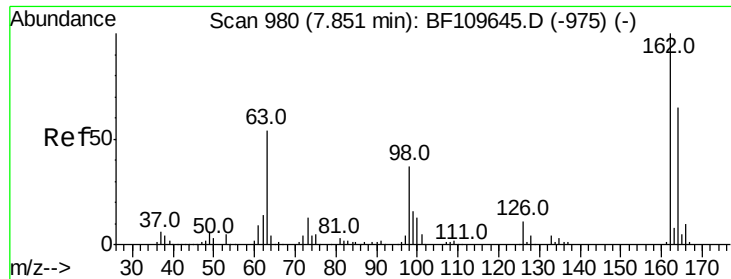
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	92.5	138.7
121	58.7	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.892 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	10.9	9.0	13.6

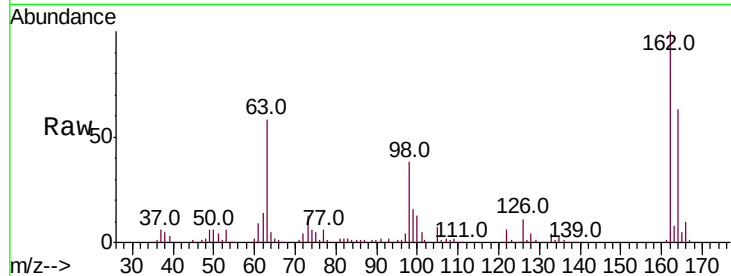




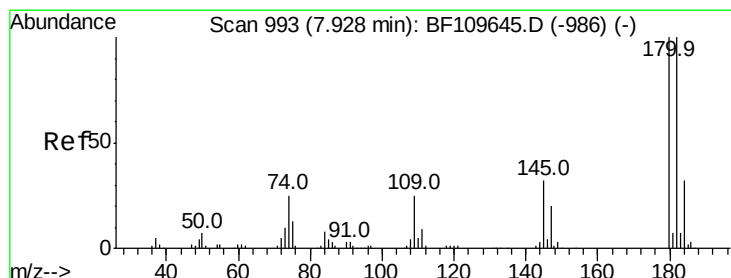
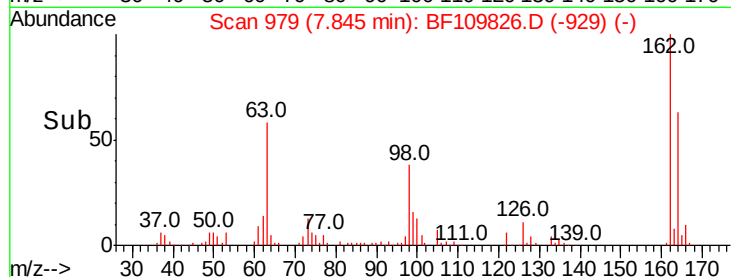
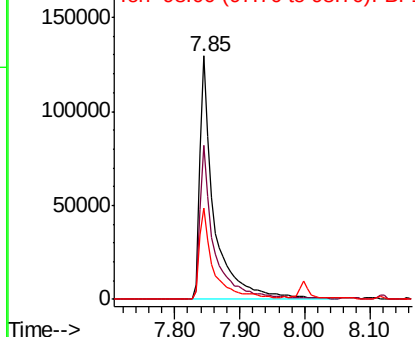
#29
 2,4-Dichlorophenol
 Concen: 39.726 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	37.5	17.4	57.4

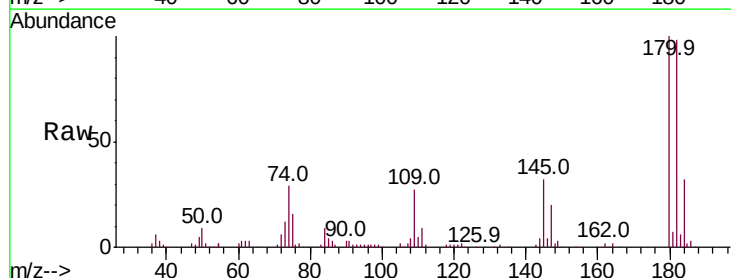


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

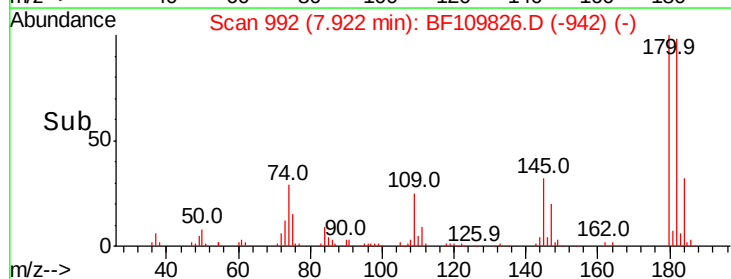
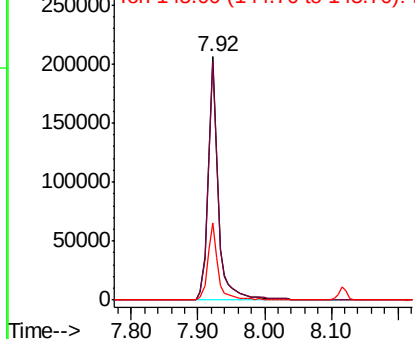


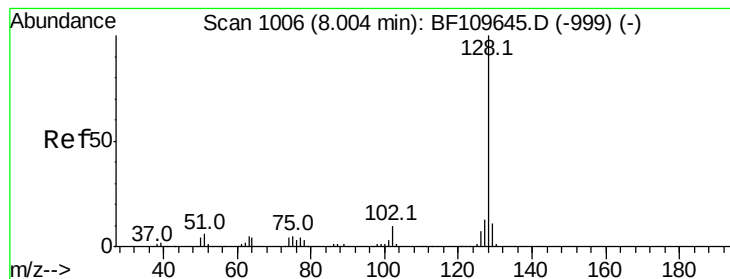
#30
 1,2,4-Trichlorobenzene
 Concen: 39.814 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	80.3	120.5
145	31.7	25.4	38.0



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





#31

Naphthalene

Concen: 38.360 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

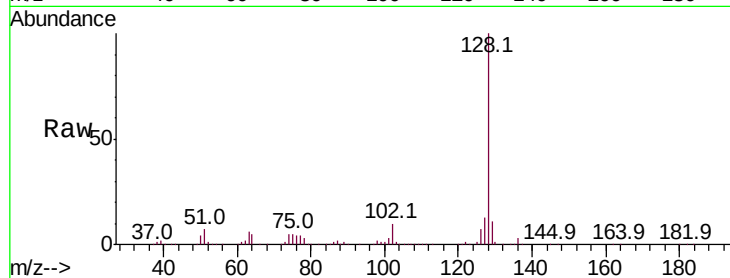
Tot Ion:128 Resp: 623014

Ion Ratio Lower Upper

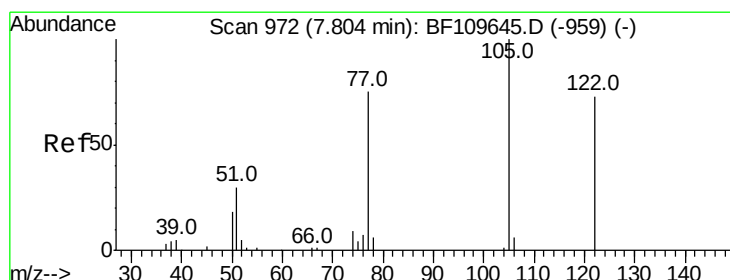
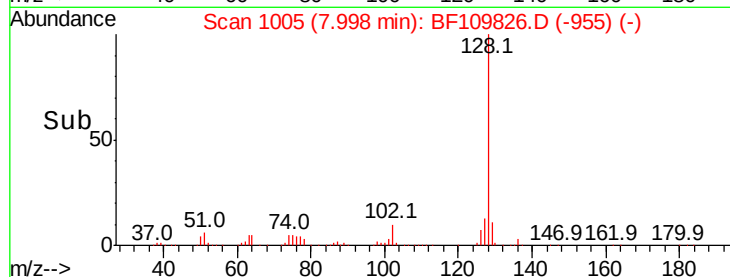
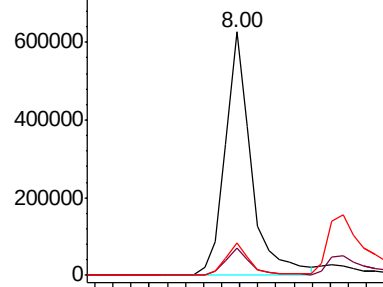
128 100

129 11.0 8.8 13.2

127 13.2 10.8 16.2



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



#32

Benzoic acid

Concen: 26.373 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

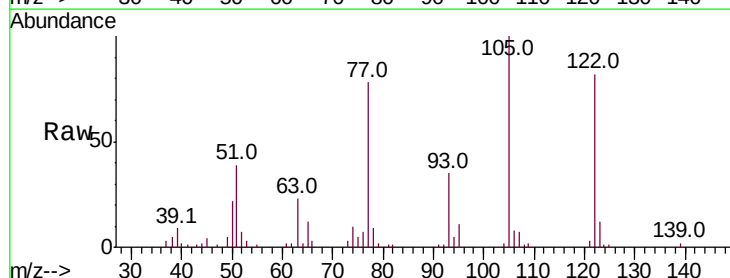
Tgt Ion:122 Resp: 84430

Ion Ratio Lower Upper

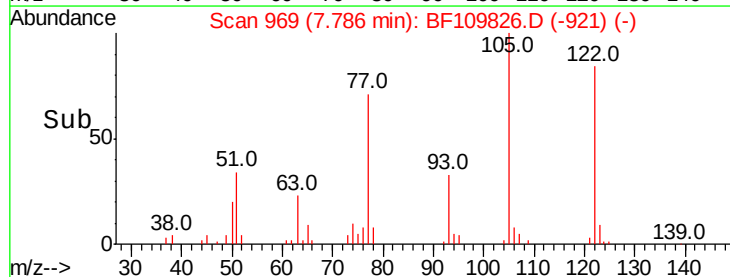
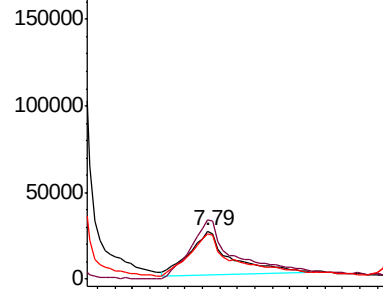
122 100

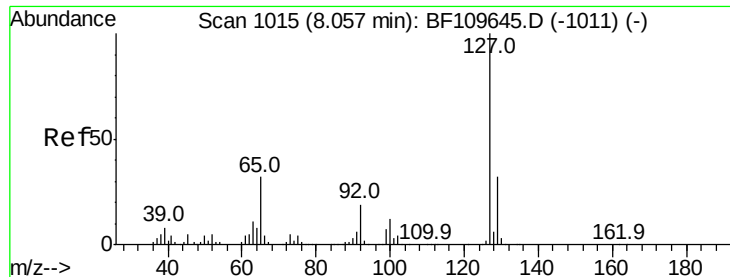
105 121.9 109.0 149.0

77 94.7 79.0 119.0



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

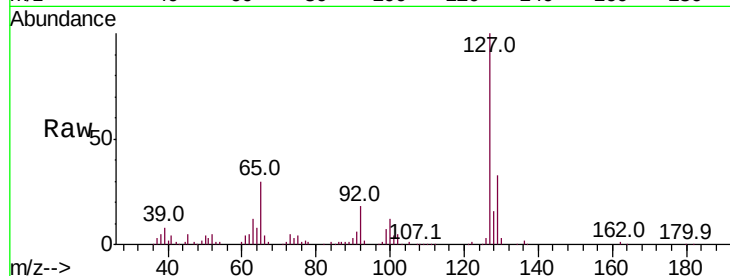




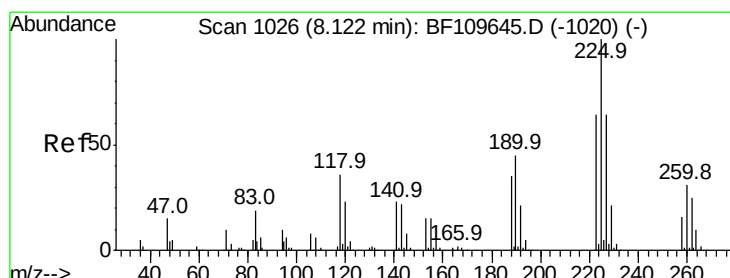
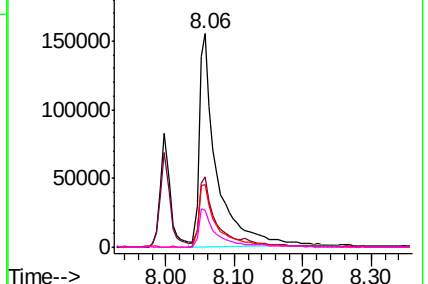
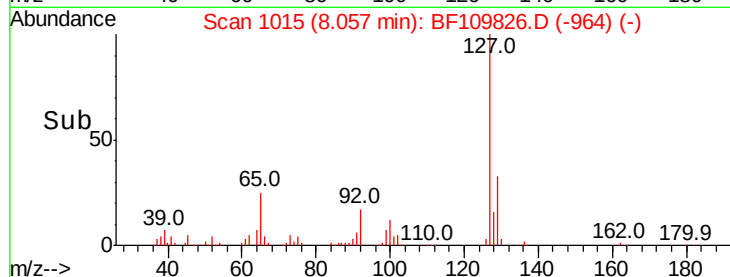
#33
4-Chloroaniline
Concen: 38.741 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277085
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	29.6	25.1	37.7
92	17.6	15.0	22.6

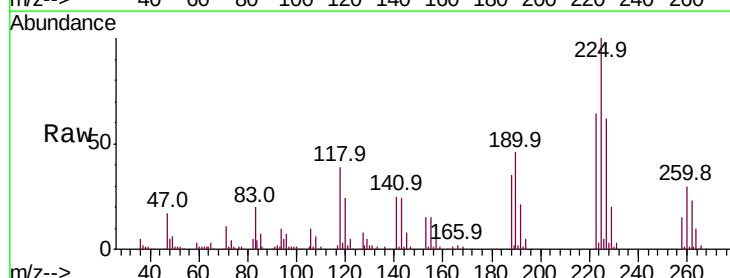


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

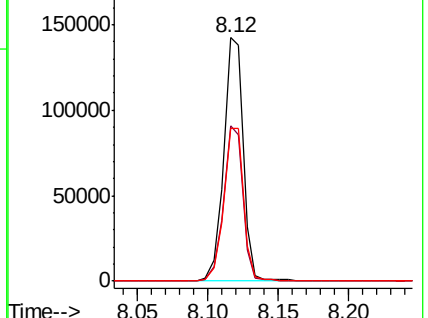
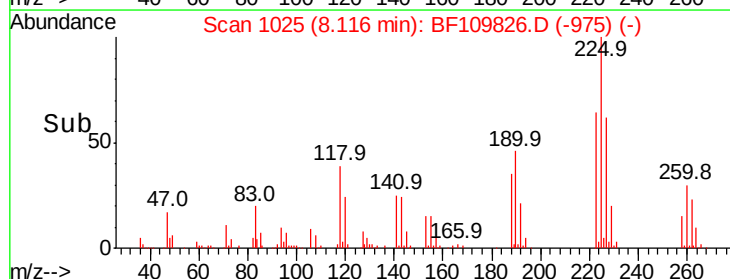


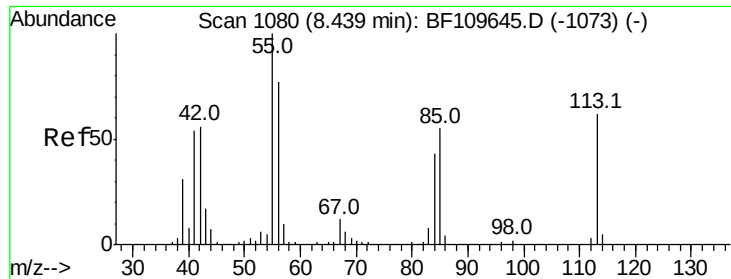
#34
Hexachlorobutadiene
Concen: 39.574 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:	225	Resp:	136809
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	62.5	51.0	76.6



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

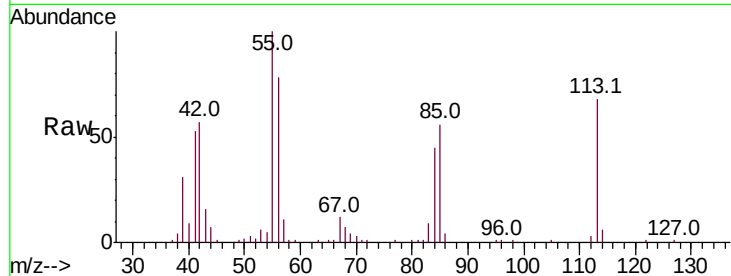




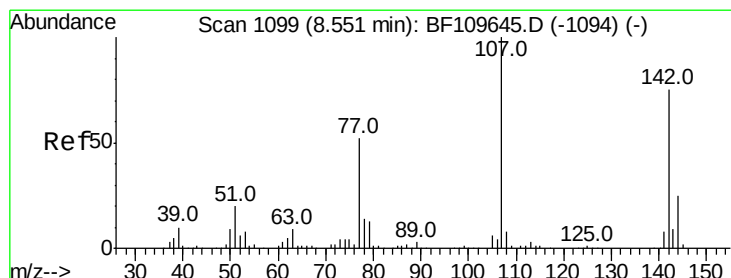
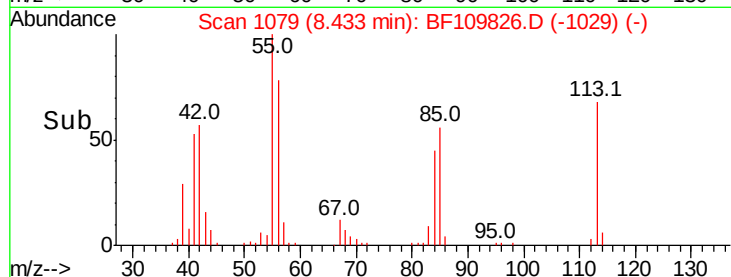
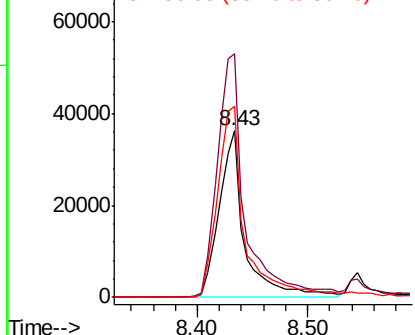
#35
 Caprolactam
 Concen: 38.668 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 58000
 Ion Ratio Lower Upper
 113 100
 55 146.3 142.8 182.8
 56 114.8 105.0 145.0

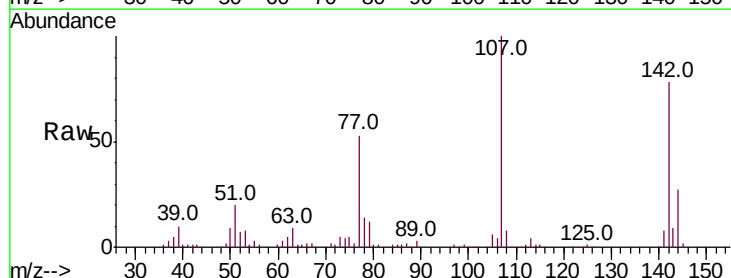


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

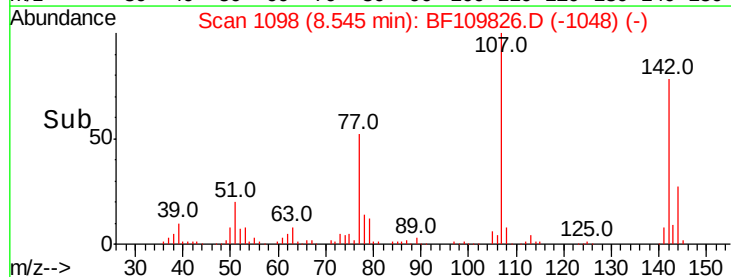
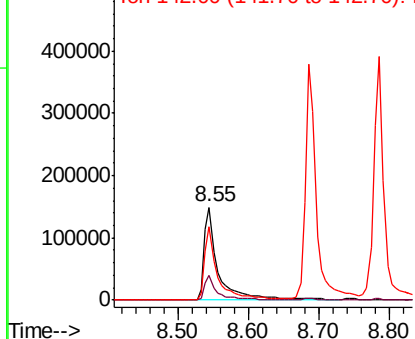


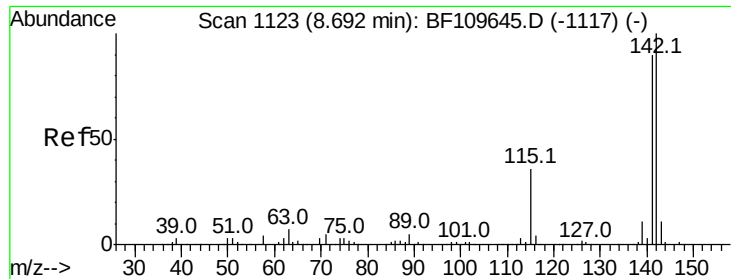
#36
 4-Chloro-3-methylphenol
 Concen: 39.367 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:107 Resp: 208714
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.0 30.0
 142 78.2 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

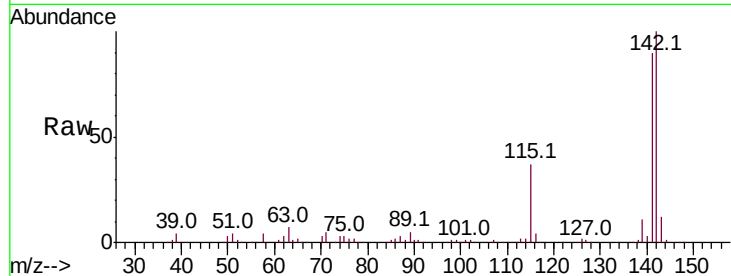




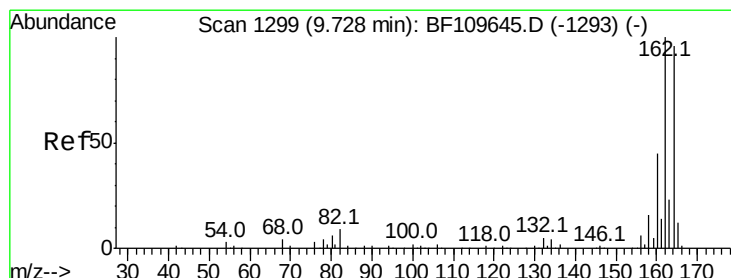
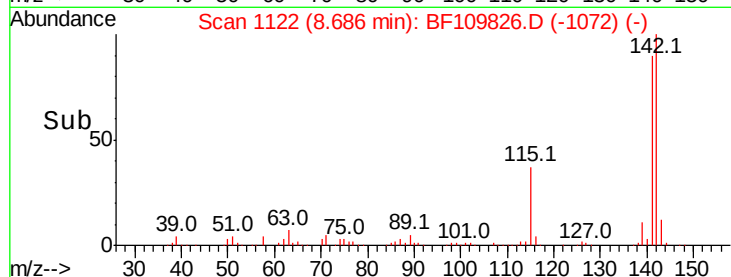
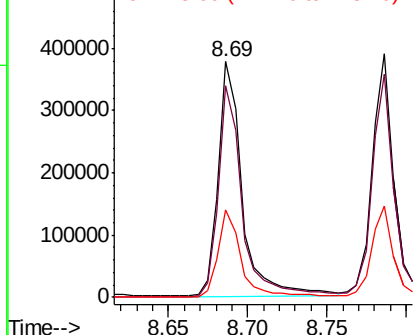
#37
 2-Methylnaphthalene
 Concen: 37.582 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	142	Resp:	399827
Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	37.2	28.7	43.1

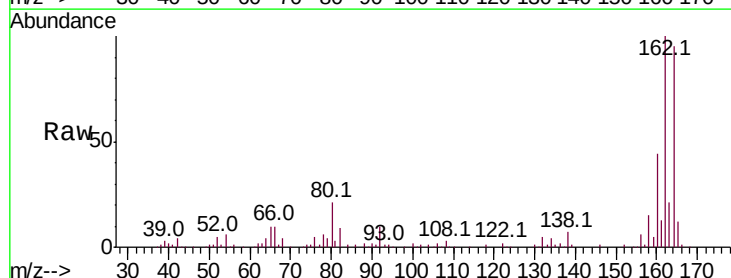


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

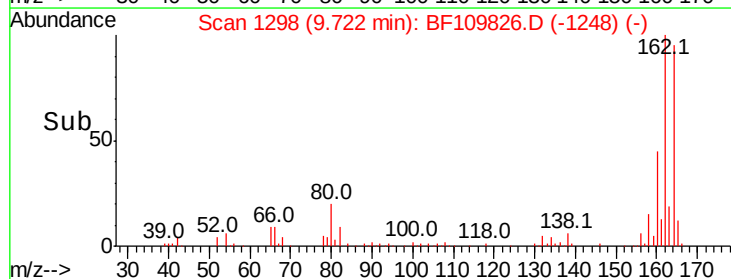
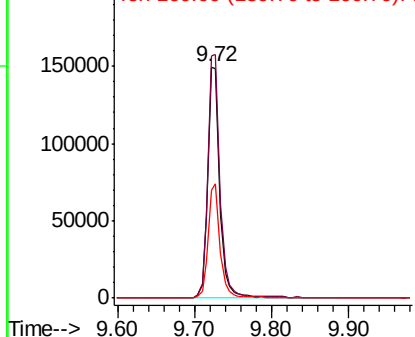


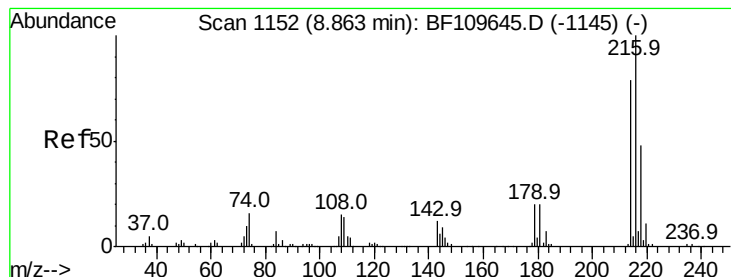
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:	164	Resp:	163484
Ion	Ratio	Lower	Upper
164	100		
162	104.9	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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.183 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 223620

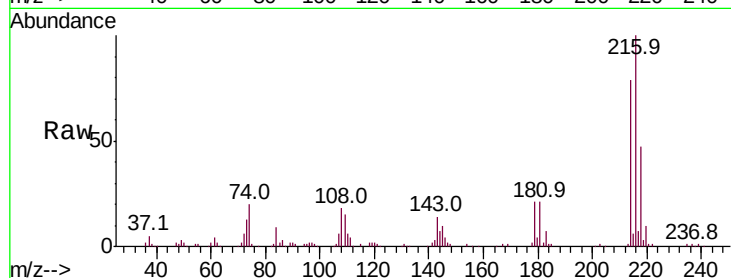
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.8 16.6 25.0

108 19.0 15.1 22.7

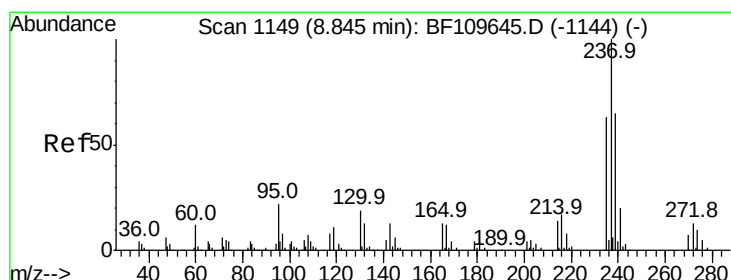
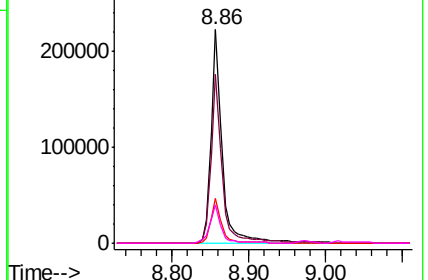
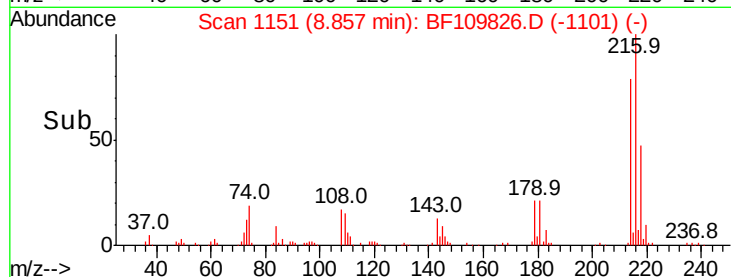


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 32.320 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

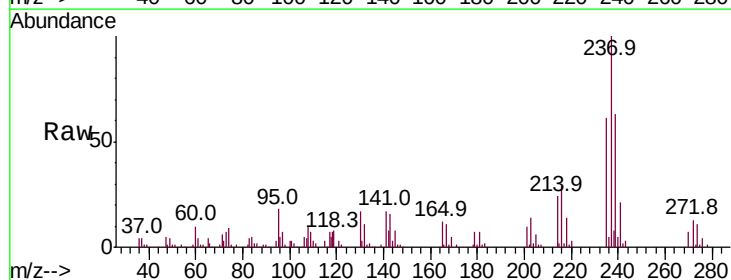
Tgt Ion:237 Resp: 67260

Ion Ratio Lower Upper

237 100

235 61.4 43.1 83.1

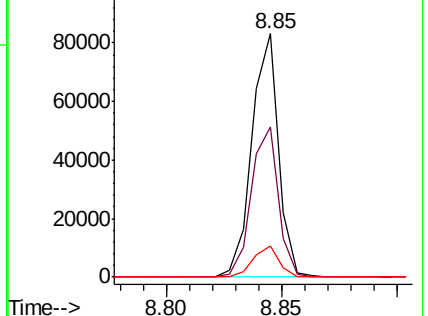
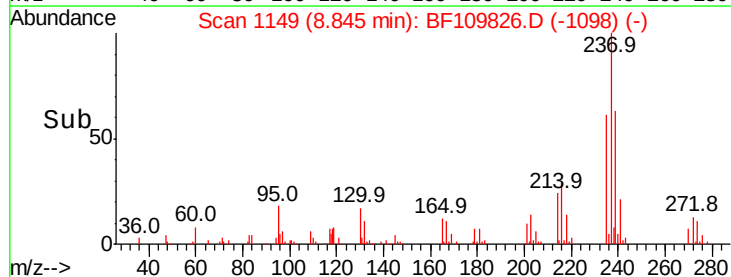
272 12.9 0.0 32.6

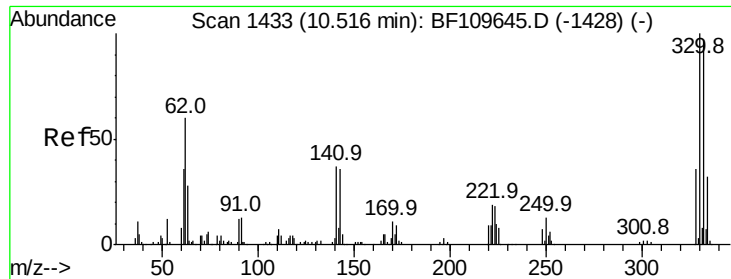


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

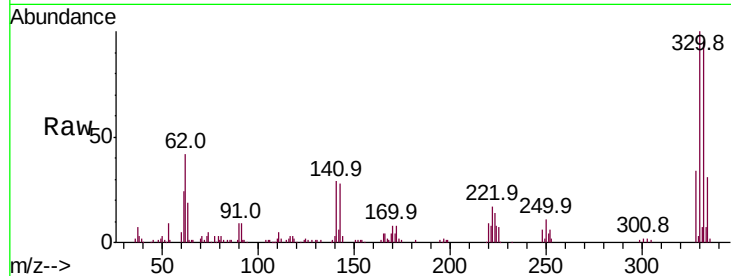




#41
 2,4,6-Tribromophenol
 Concen: 79.216 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	32.9	27.0	40.4

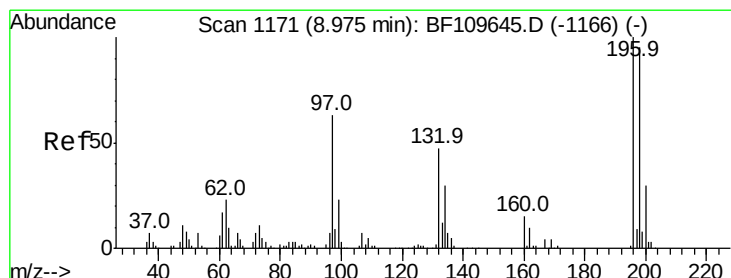
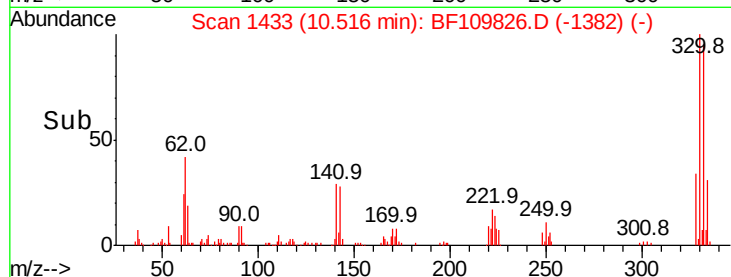
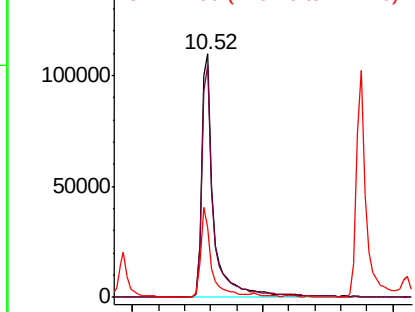


Abundance

Ion 329.80 (329.50 to 330.50): E

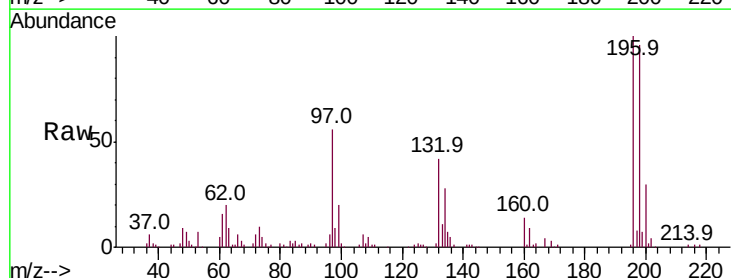
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.952 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	30.2	24.4	36.6

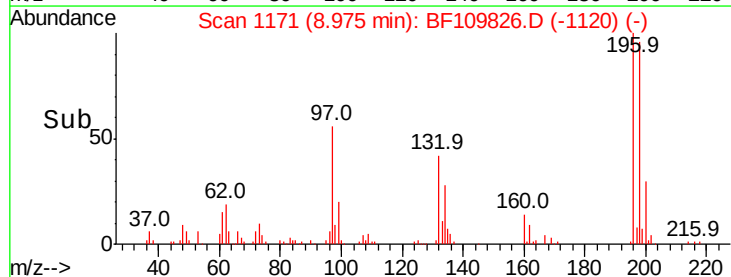
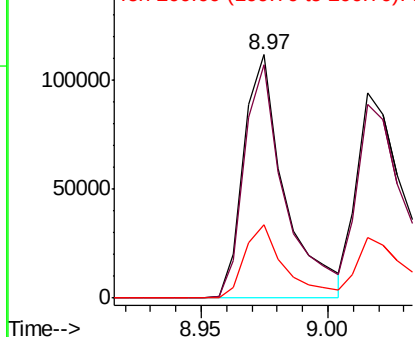


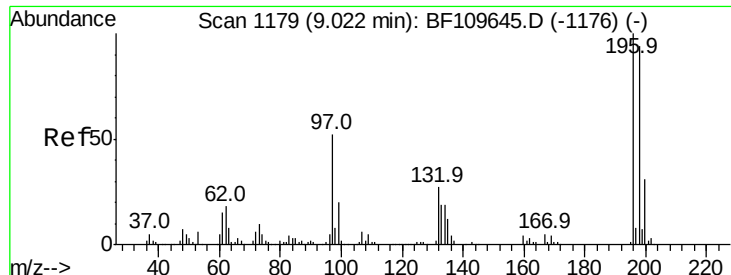
Abundance

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

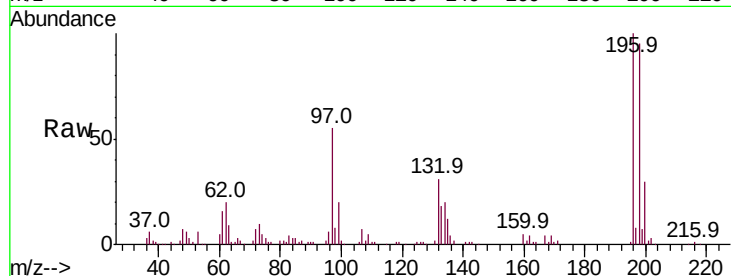




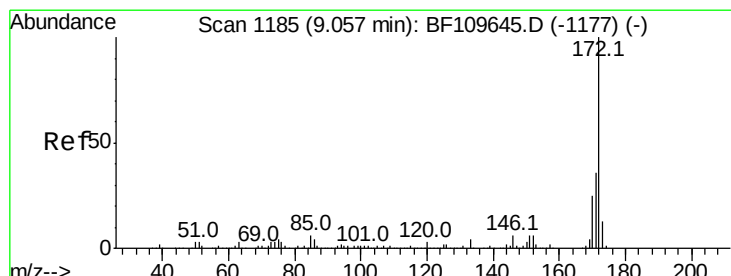
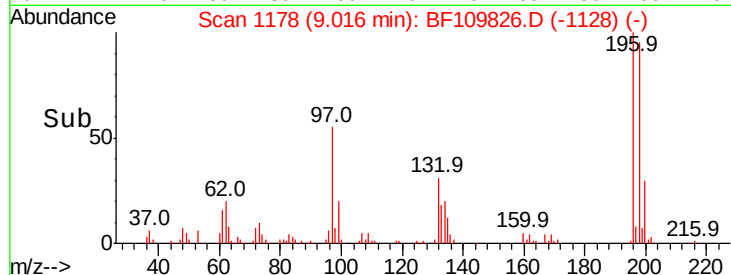
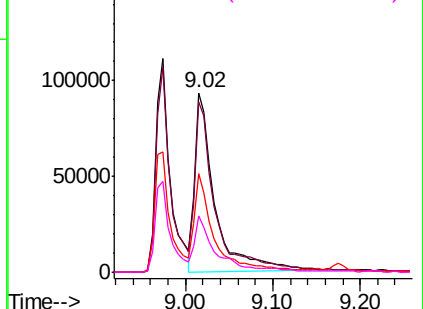
#43
 2,4,5-Trichlorophenol
 Concen: 38.963 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	149037
Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.8	113.6
97	54.9	42.4	63.6
132	31.0	22.8	34.2

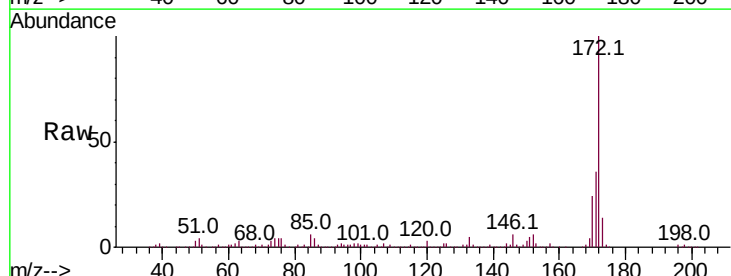


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

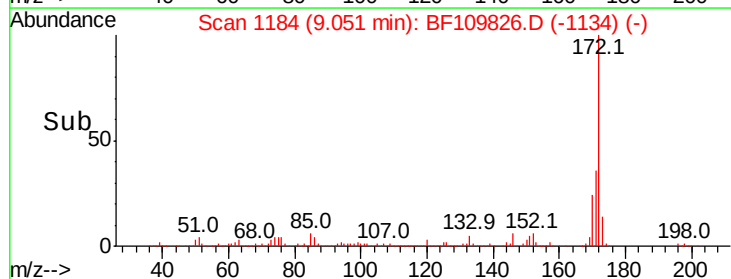
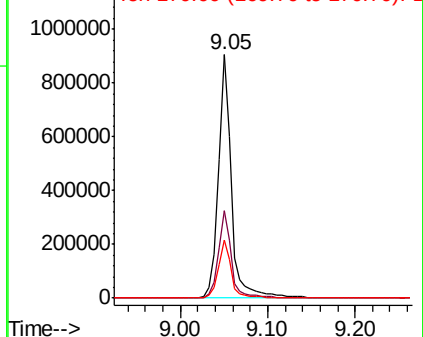


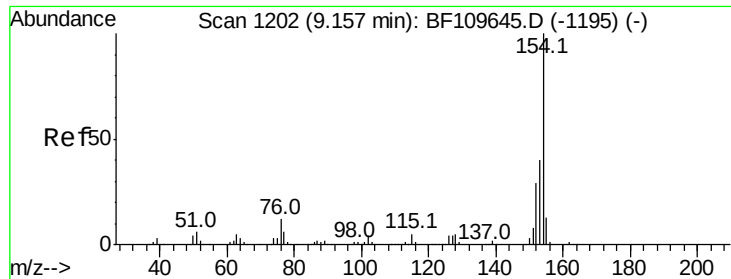
#44
 2-Fluorobiphenyl
 Concen: 79.278 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:	172	Resp:	941048
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	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





#45

1,1'-Biphenyl

Concen: 39.862 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

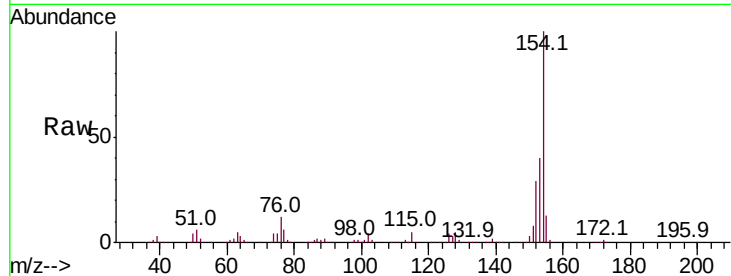
Tot Ion:154 Resp: 582183

Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

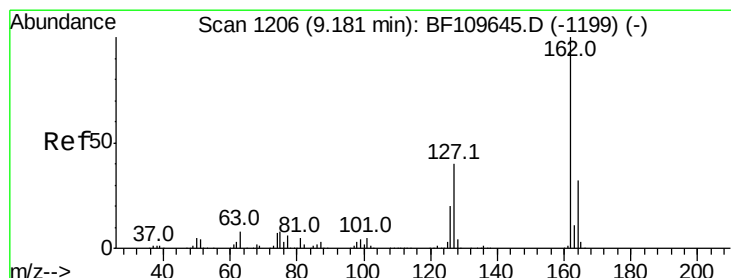
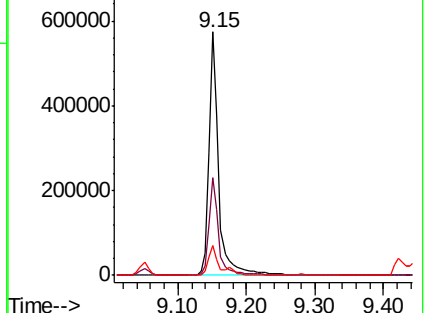
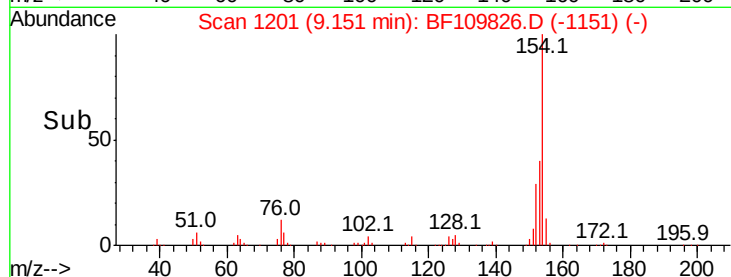
76 12.1 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 40.108 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

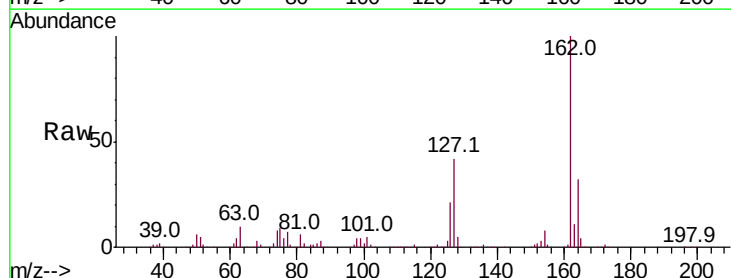
Tgt Ion:162 Resp: 438857

Ion Ratio Lower Upper

162 100

127 42.5 32.6 48.8

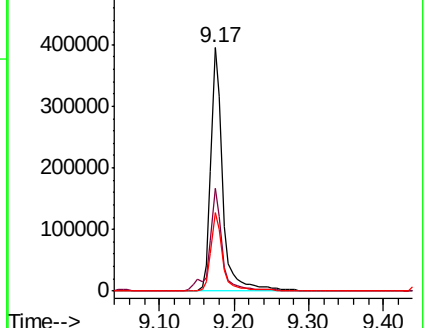
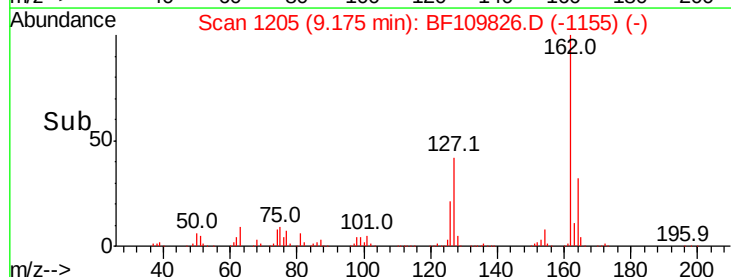
164 32.3 25.9 38.9

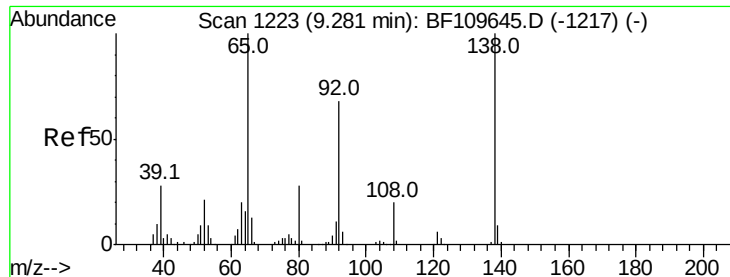


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

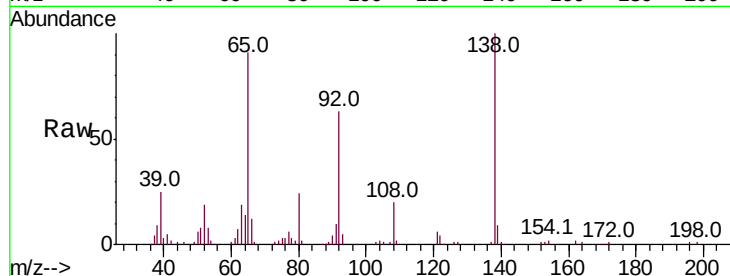




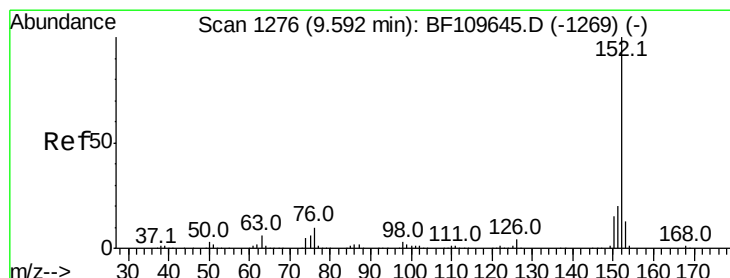
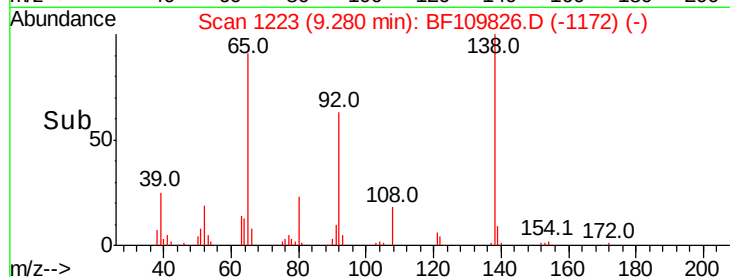
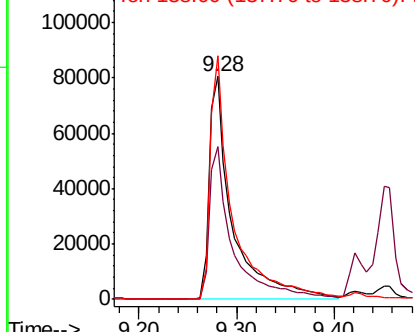
#47
2-Nitroaniline
Concen: 39.922 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	81.8
138	109.3	80.3	120.5

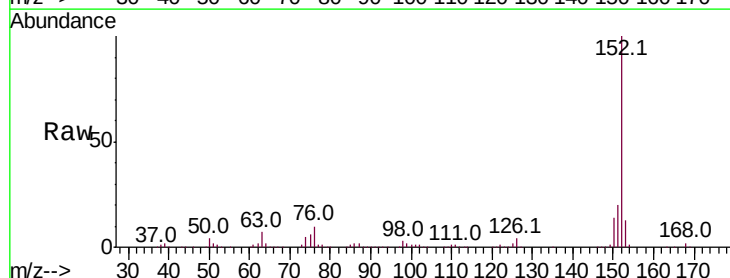


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

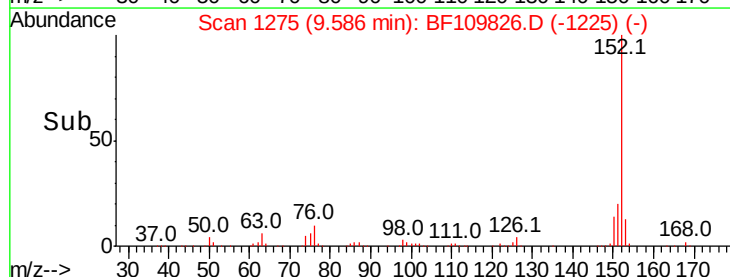
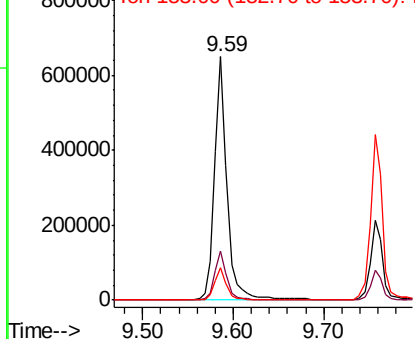


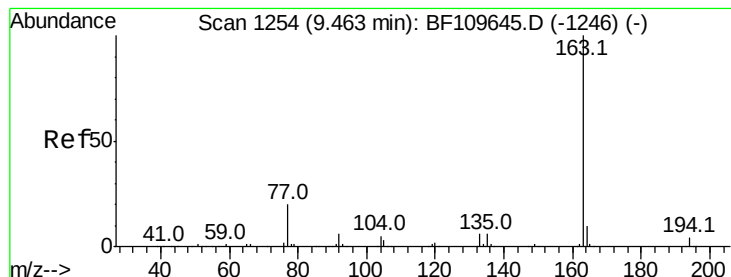
#48
Acenaphthylene
Concen: 39.604 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.2	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.255 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

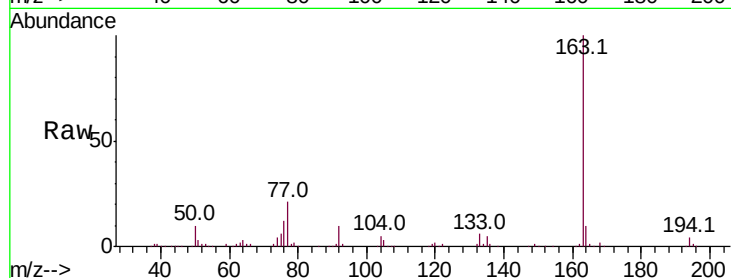
Tot Ion:163 Resp: 458678

Ion Ratio Lower Upper

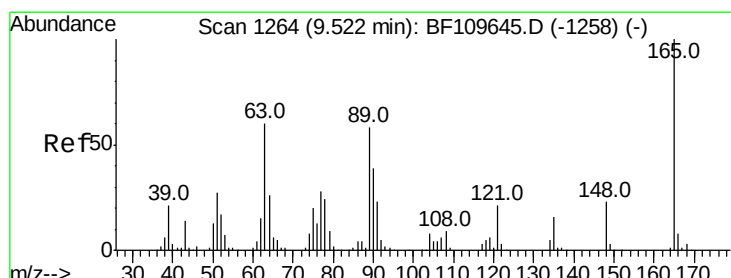
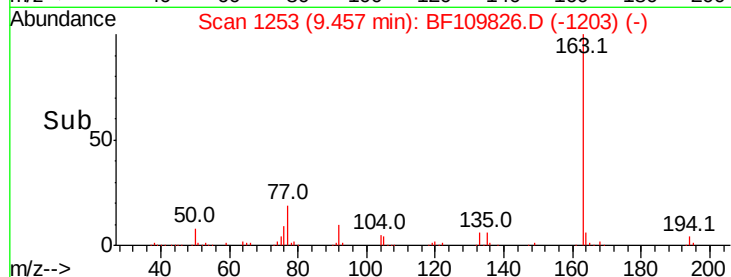
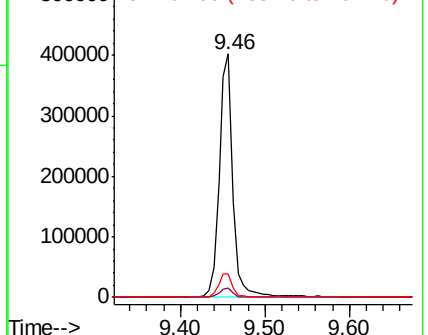
163 100

194 3.9 3.2 4.8

164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.844 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

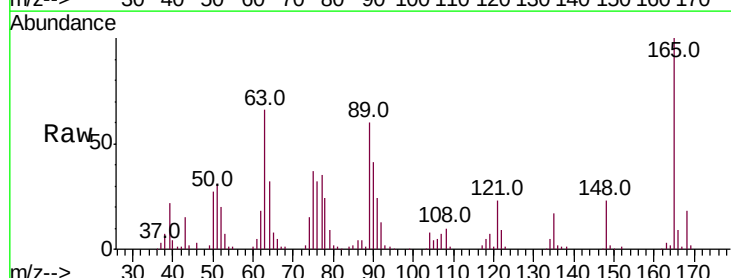
Tgt Ion:165 Resp: 103557

Ion Ratio Lower Upper

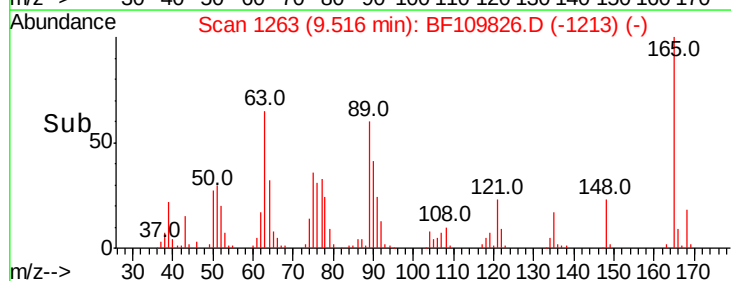
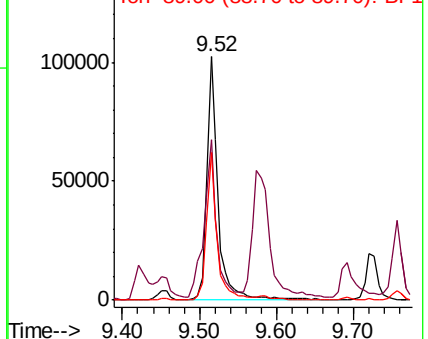
165 100

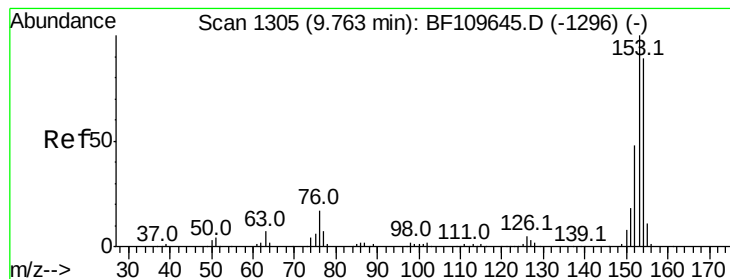
63 66.0 48.9 73.3

89 60.5 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





#51

Acenaphthene

Concen: 38.355 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

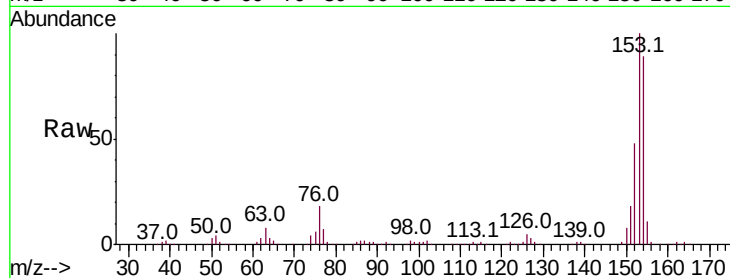
Tot Ion:154 Resp: 362689

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

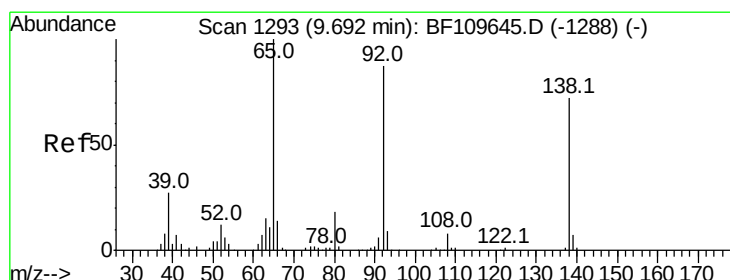
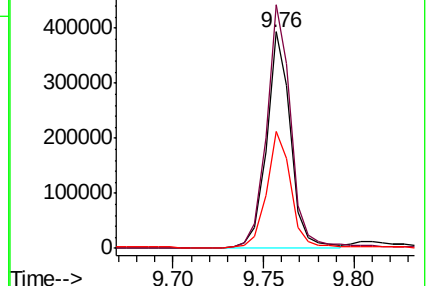
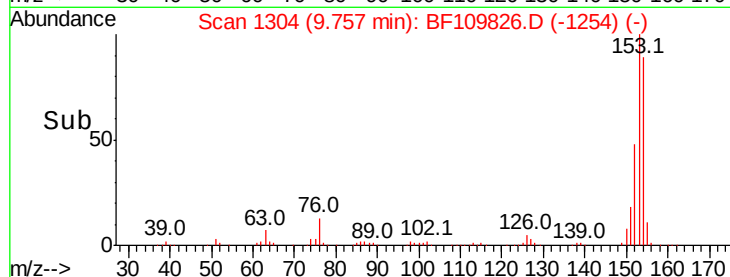
152 54.1 43.4 65.2



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



#52

3-Nitroaniline

Concen: 40.195 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

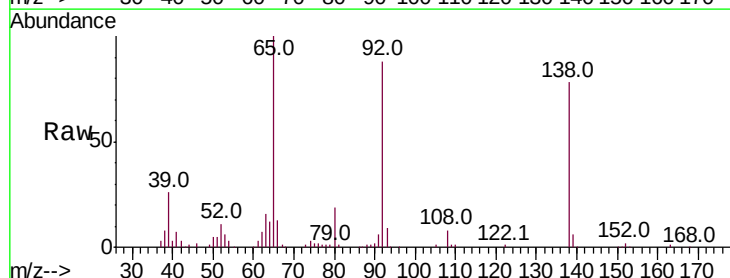
Tgt Ion:138 Resp: 117105

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

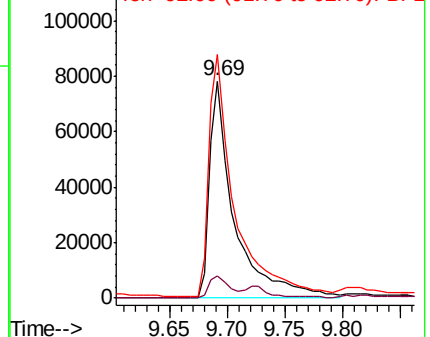
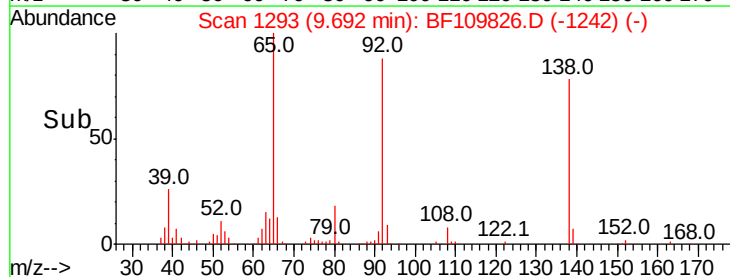
92 112.0 97.0 145.4

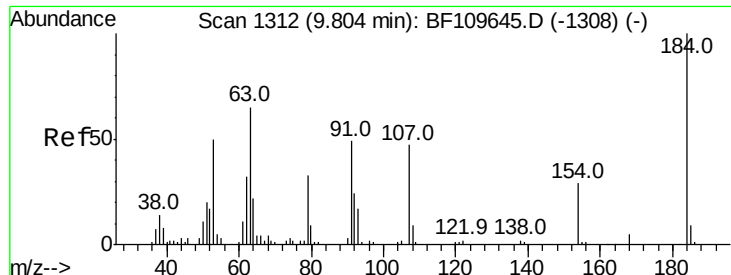


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

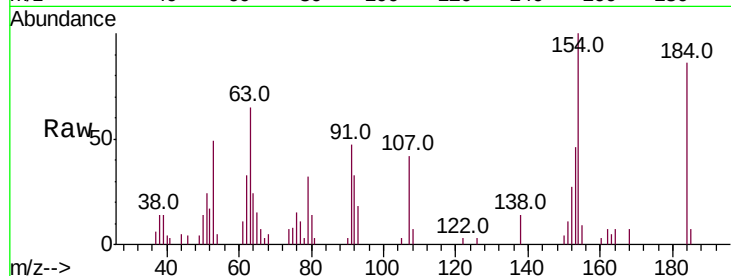




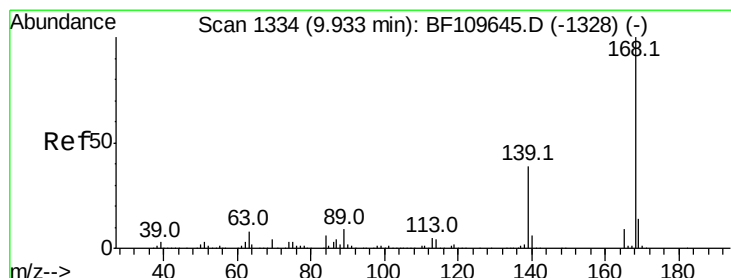
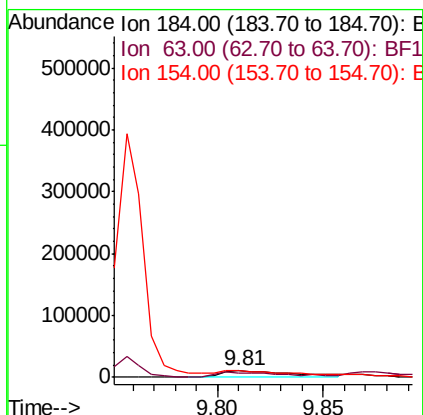
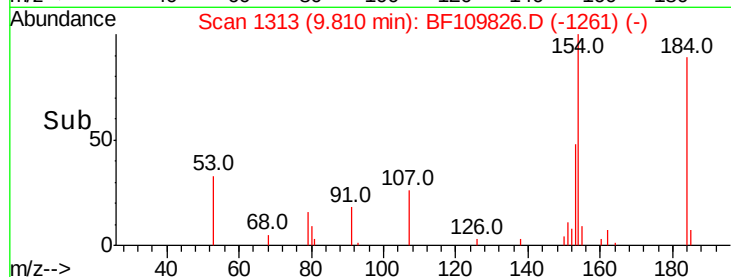
#53
 2,4-Dinitrophenol
 Concen: 29.979 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 25139
 Ion Ratio Lower Upper
 184 100
 63 75.6 55.8 83.6
 154 116.6 63.2 94.8#

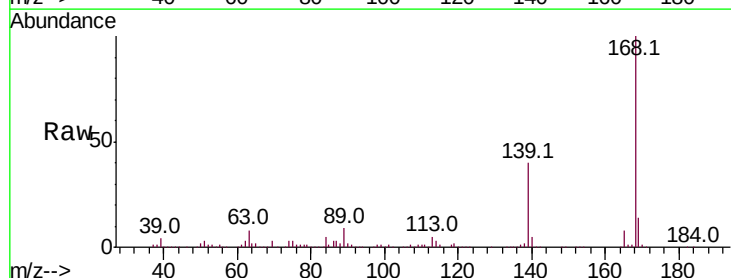


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

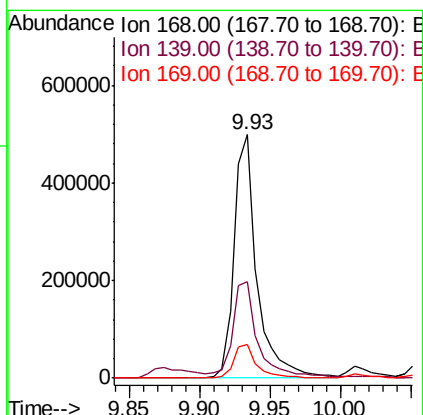
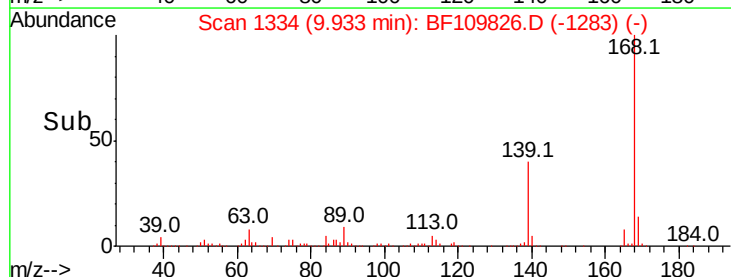


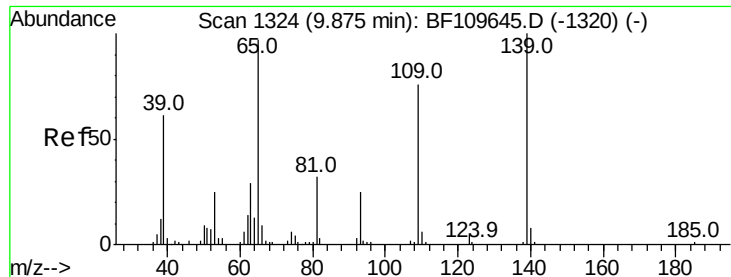
#54
 Dibenzofuran
 Concen: 39.860 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:168 Resp: 565005
 Ion Ratio Lower Upper
 168 100
 139 39.5 33.0 49.6
 169 13.9 11.3 16.9



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

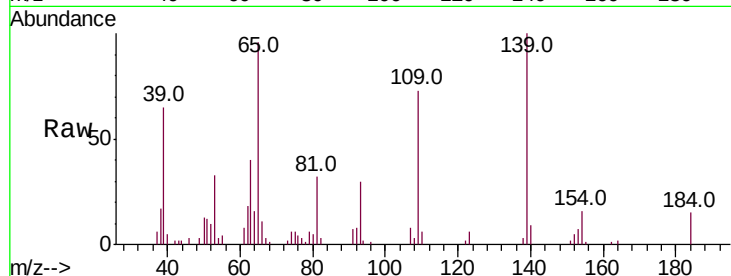




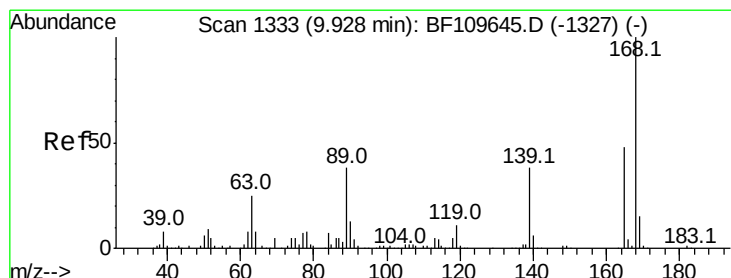
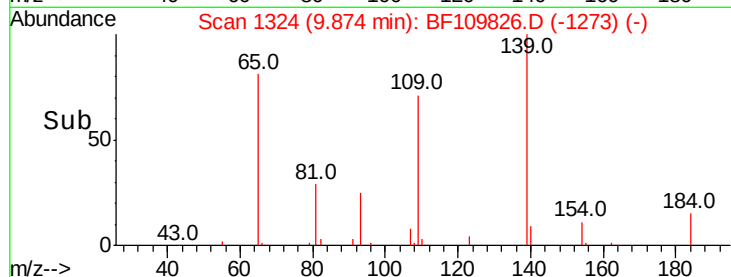
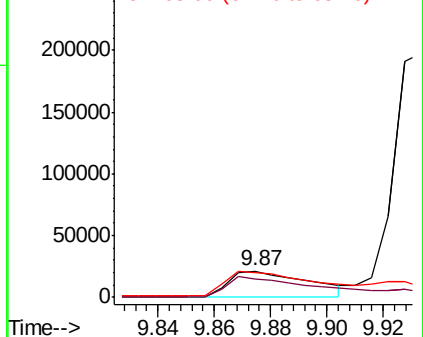
#55
4-Nitrophenol
Concen: 26.030 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 41511
Ion Ratio Lower Upper
139 100
109 72.6 55.8 95.8
65 95.7 77.9 117.9



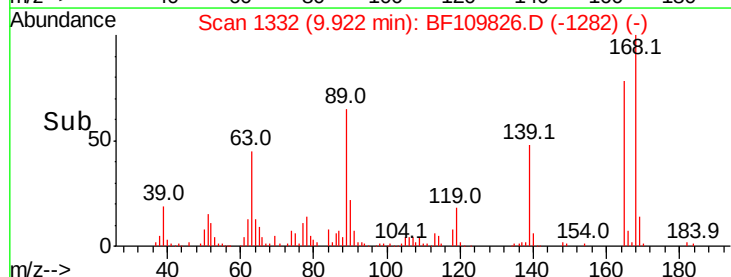
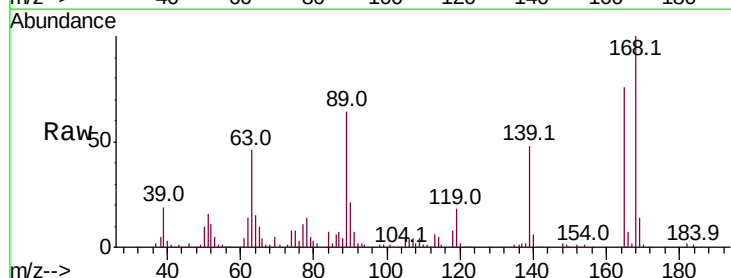
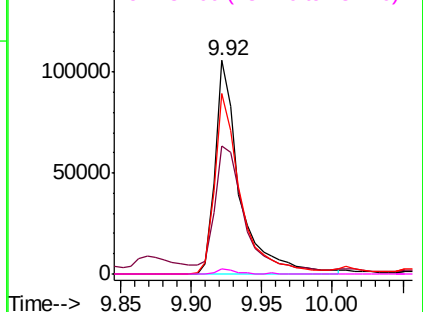
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

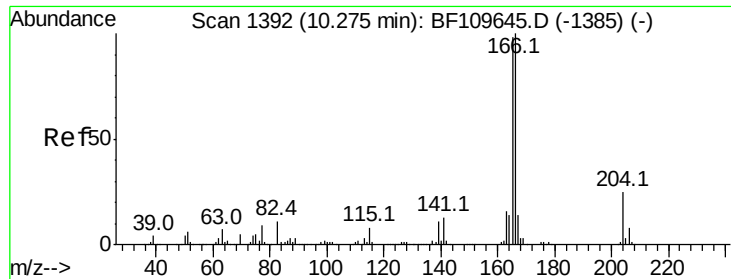


#56
2,4-Dinitrotoluene
Concen: 39.611 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:165 Resp: 128478
Ion Ratio Lower Upper
165 100
63 60.0 44.8 67.2
89 84.3 62.2 93.4
182 2.7 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

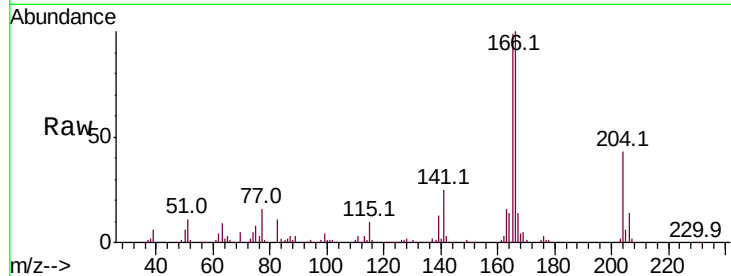




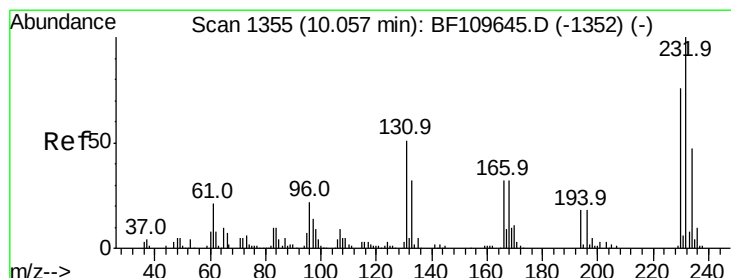
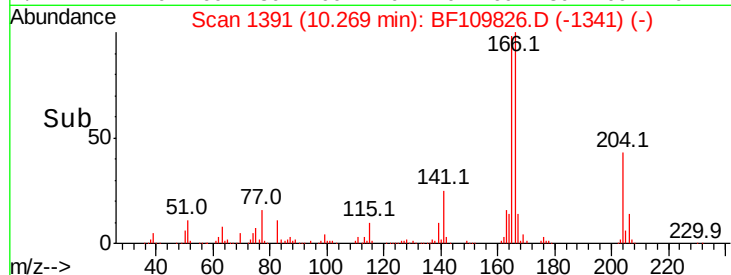
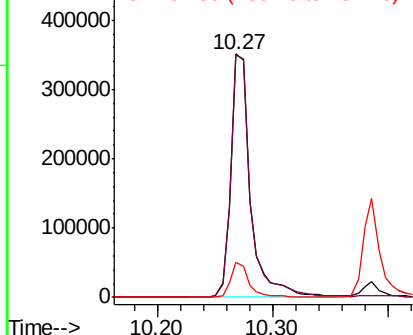
#57
 Fluorene
 Concen: 39.248 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 415449
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.6 117.8
 167 14.1 10.8 16.2

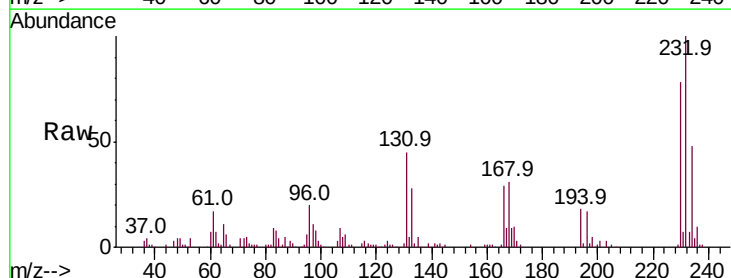


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

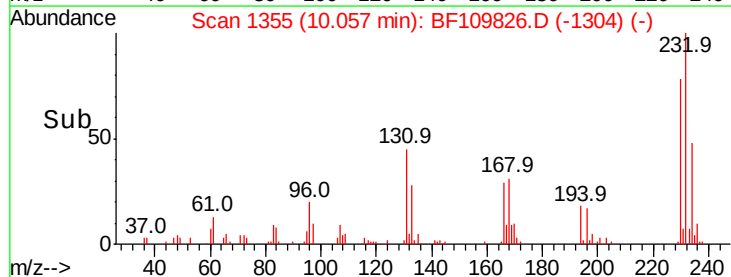
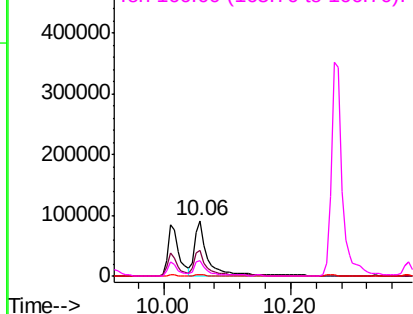


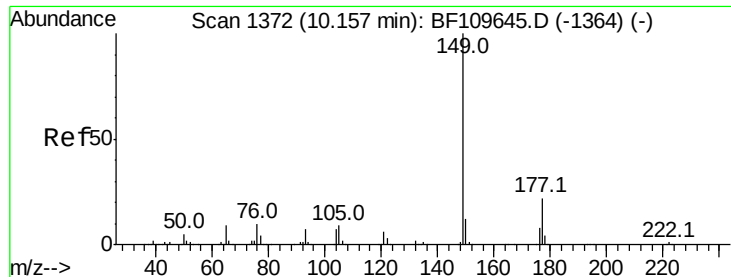
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.632 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:232 Resp: 129450
 Ion Ratio Lower Upper
 232 100
 131 43.5 37.0 55.4
 130 2.0 1.8 2.6
 166 25.0 22.0 33.0



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

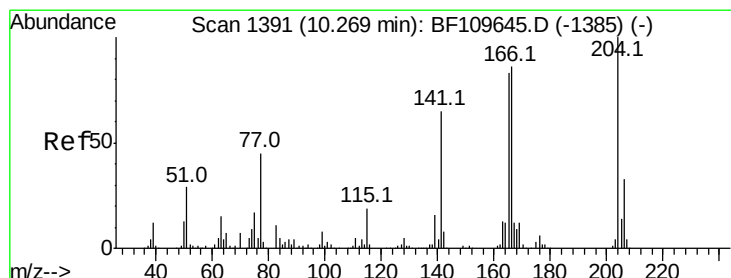
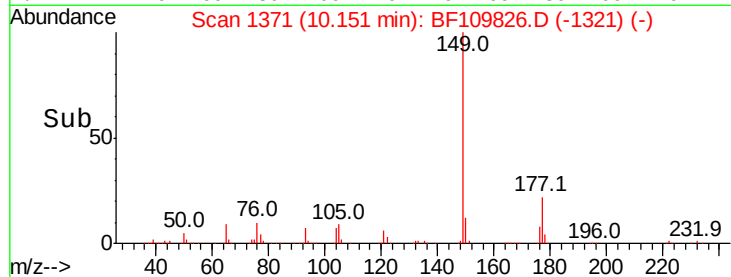
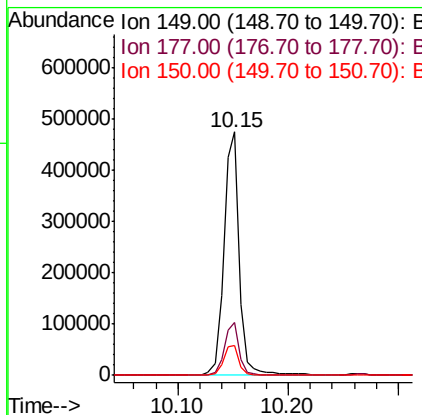
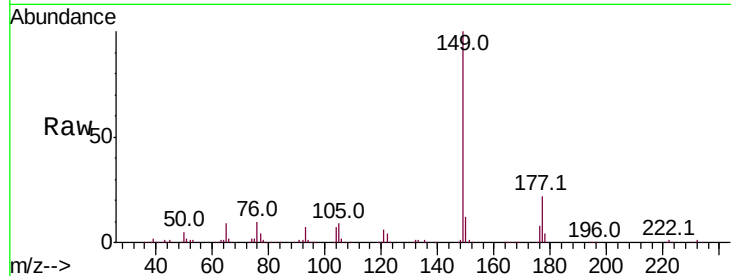




#59
Diethylphthalate
Concen: 38.709 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

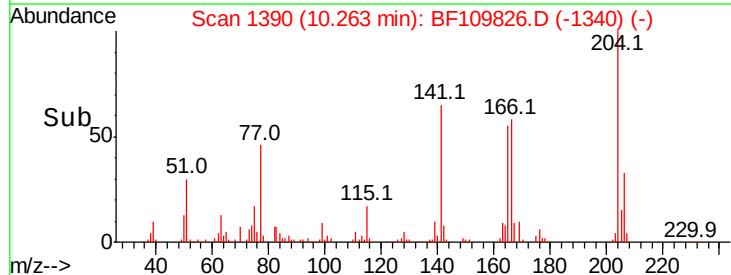
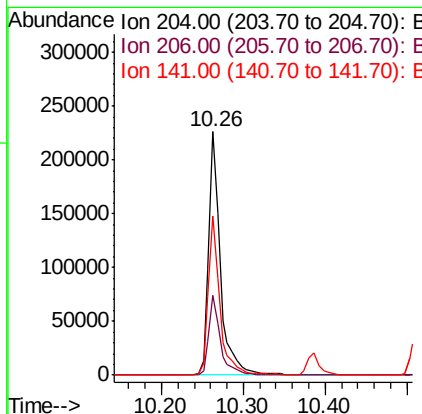
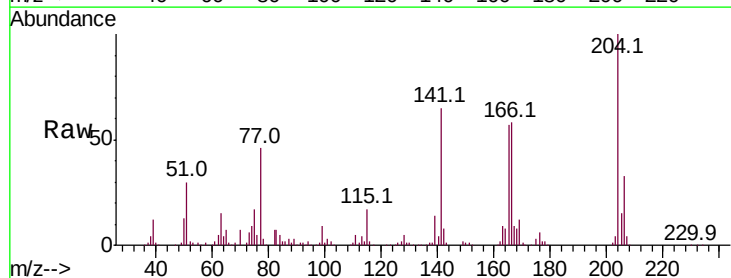
Instrument :
BNA_F
ClientSampleId :

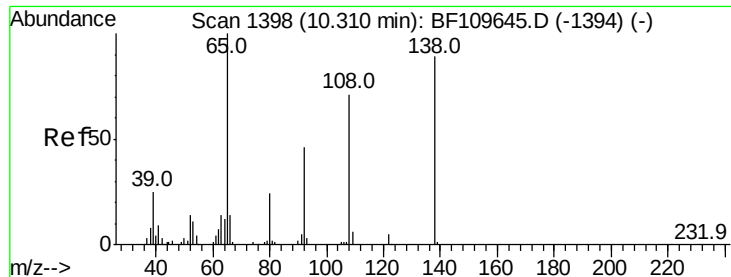
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.2	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.245 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	65.1	51.8	77.8





#61

4-Nitroaniline

Concen: 39.415 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

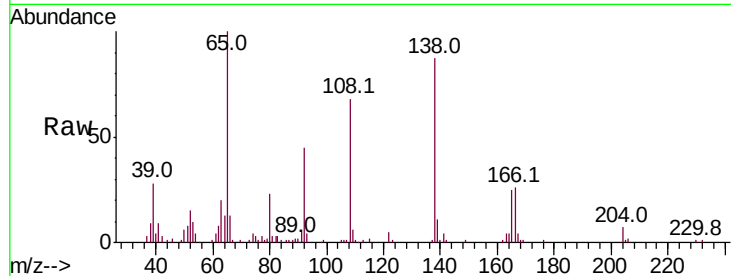
Tot Ion:138 Resp: 106345

Ion Ratio Lower Upper

138 100

92 52.4 31.7 71.7

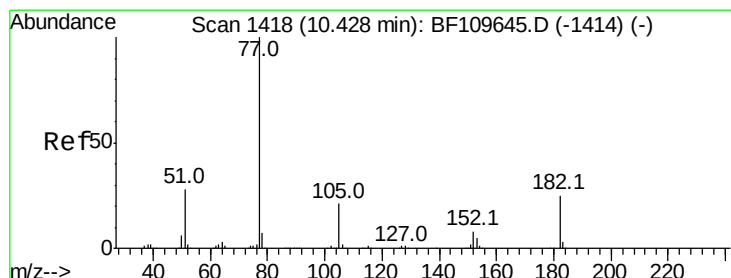
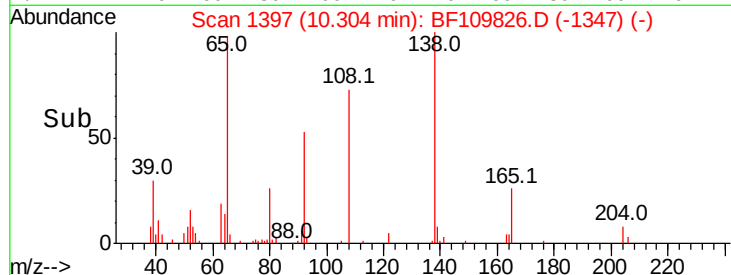
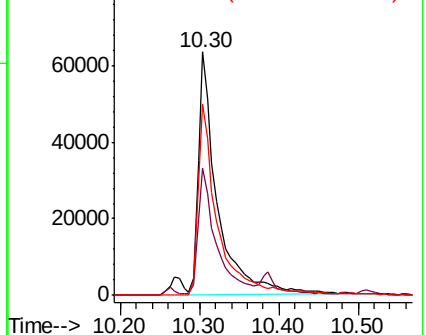
108 78.5 59.3 99.3



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



#62

Azobenzene

Concen: 39.882 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Tgt Ion: 77 Resp: 481127

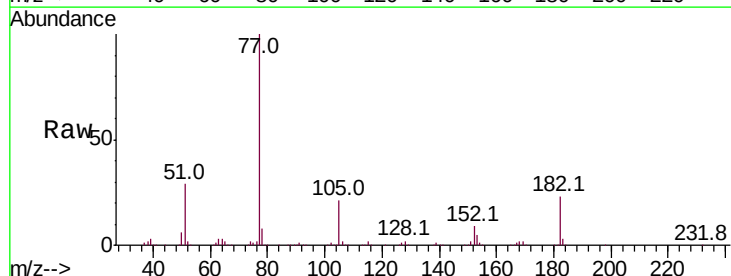
Ion Ratio Lower Upper

77 100

182 23.1 4.3 44.3

105 20.9 1.3 41.3

51 29.2 9.0 49.0

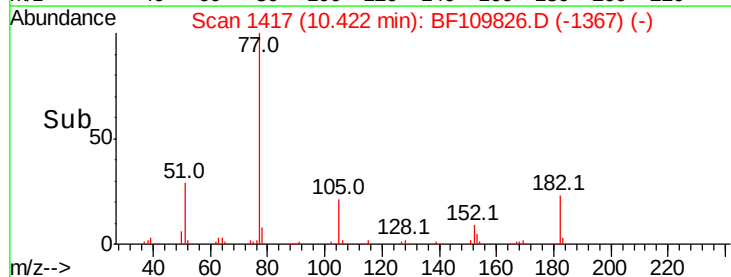
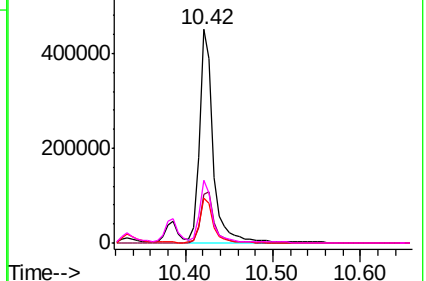


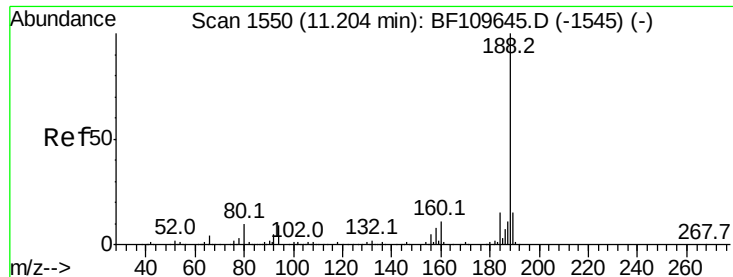
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

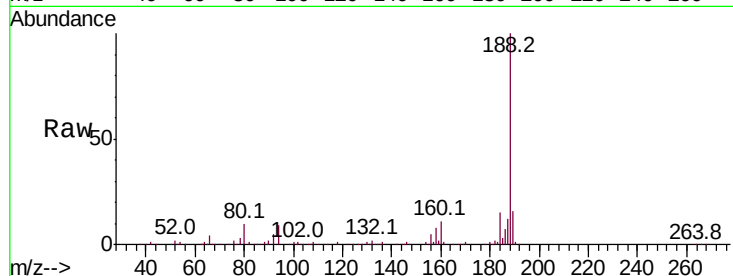




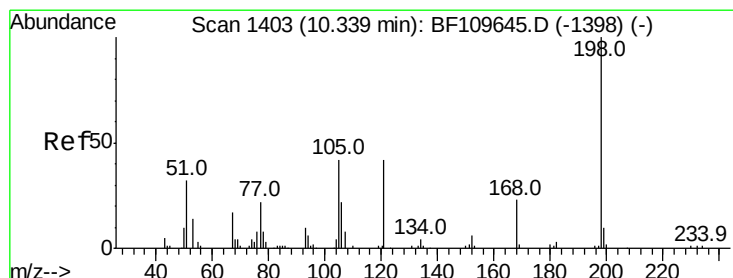
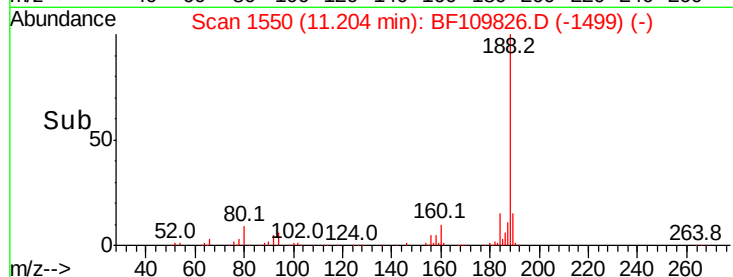
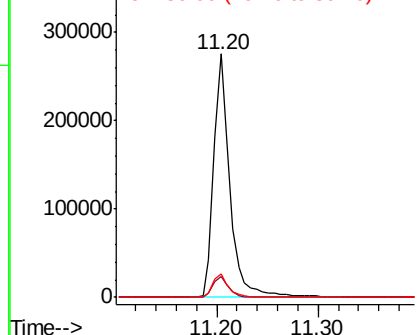
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 307447
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.7 7.9 11.9

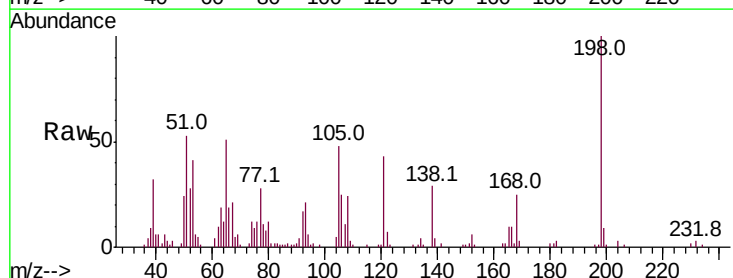


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

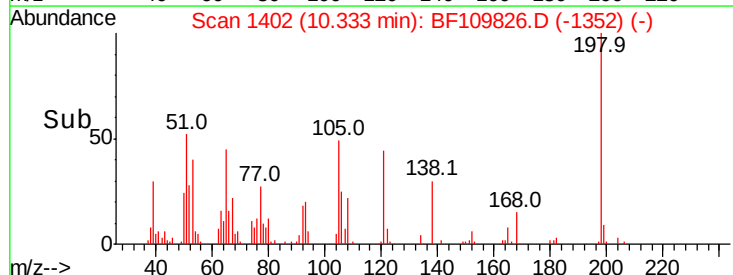
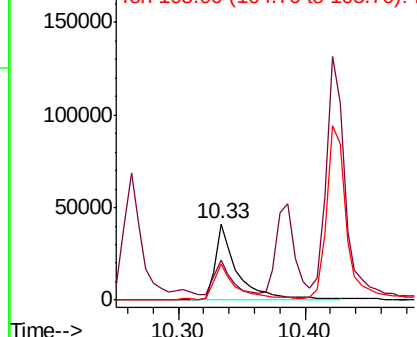


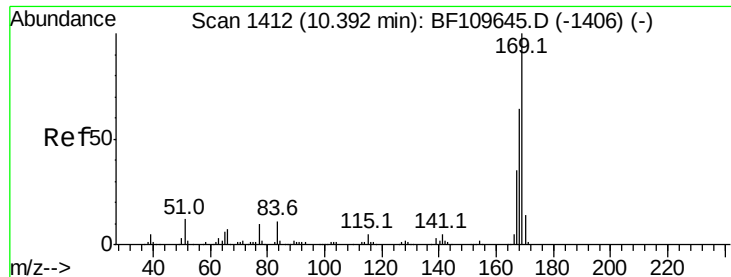
#64
4,6-Dinitro-2-methylphenol
Concen: 34.170 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:198 Resp: 51133
Ion Ratio Lower Upper
198 100
51 52.6 22.8 62.8
105 48.1 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

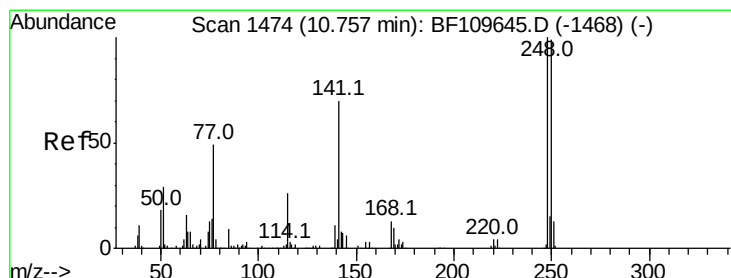
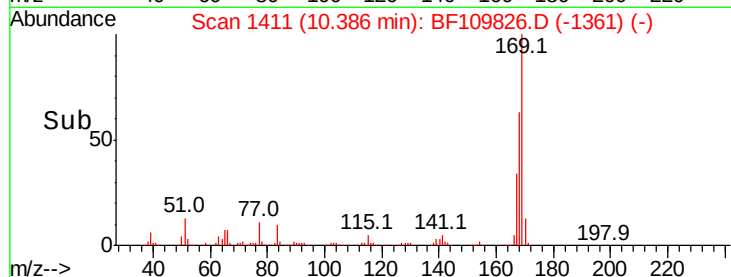
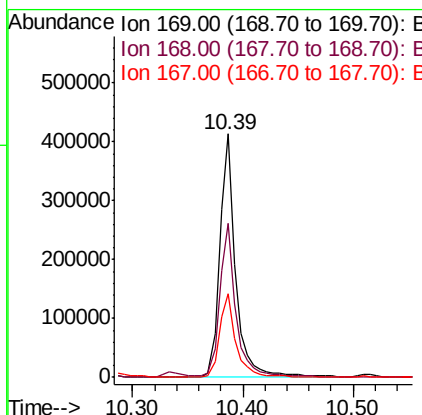
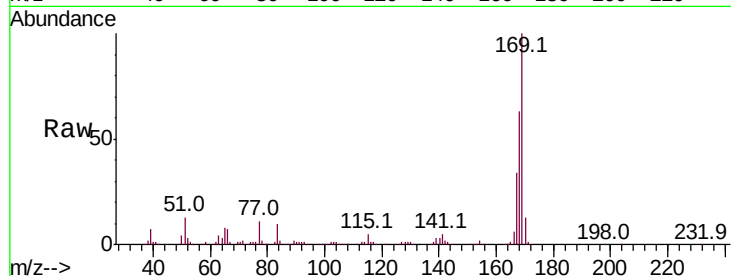




#65
 n-Nitrosodiphenylamine
 Concen: 39.389 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

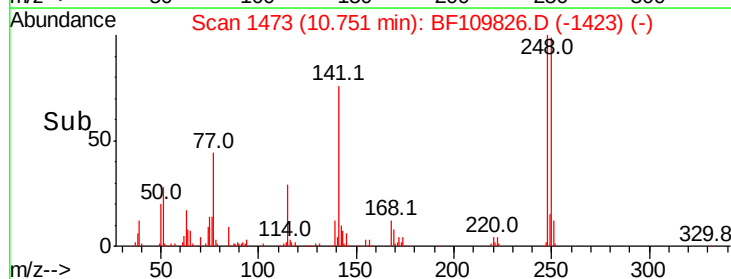
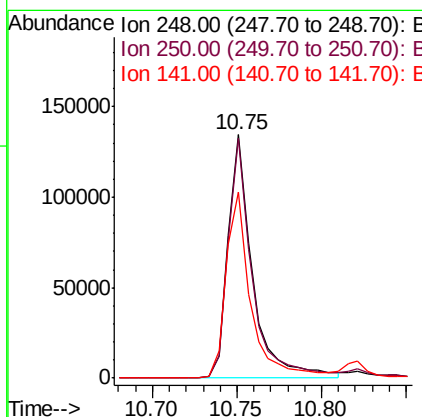
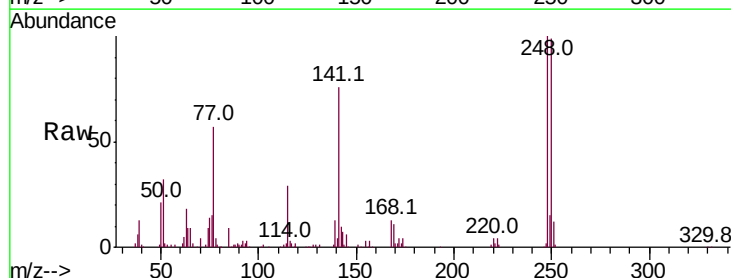
Instrument :
 BNA_F
 ClientSampleId :

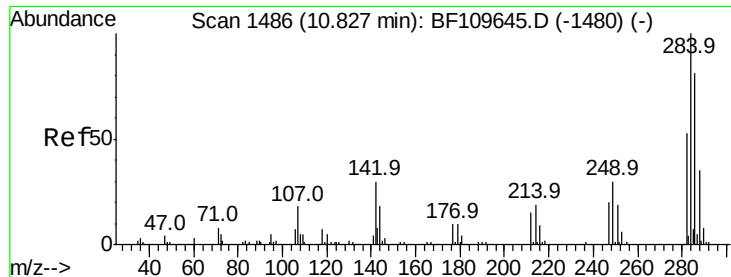
Tot Ion:169 Resp: 410536
 Ion Ratio Lower Upper
 169 100
 168 63.3 51.2 76.8
 167 34.5 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.486 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:248 Resp: 135955
 Ion Ratio Lower Upper
 248 100
 250 98.7 79.4 119.2
 141 76.2 55.9 83.9





#67

Hexachlorobenzene

Concen: 38.175 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

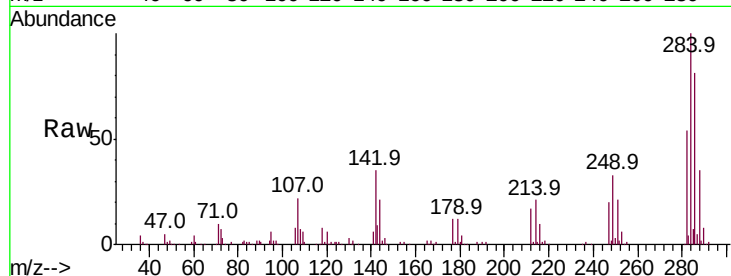
Tot Ion:284 Resp: 146032

Ion Ratio Lower Upper

284 100

142 35.0 23.9 35.9

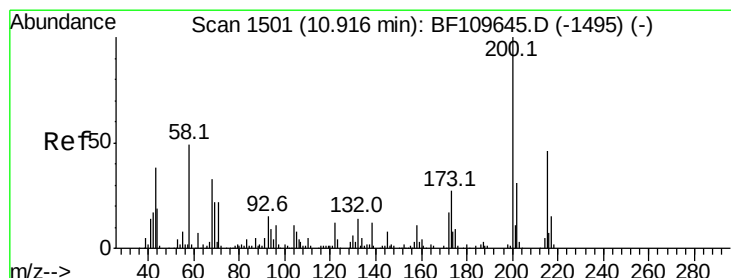
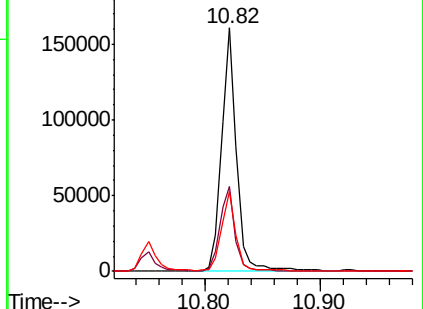
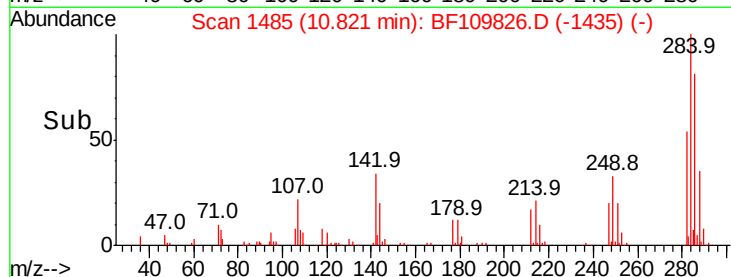
249 32.8 24.2 36.2



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



#68

Atrazine

Concen: 39.156 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

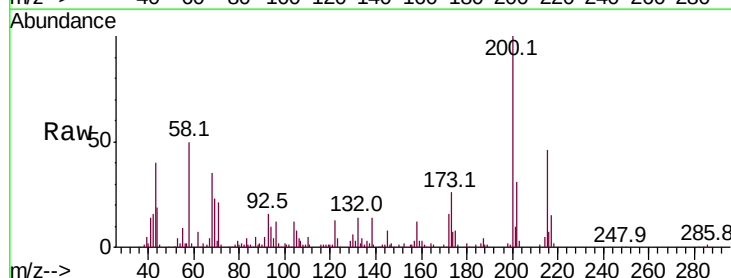
Tgt Ion:200 Resp: 127361

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

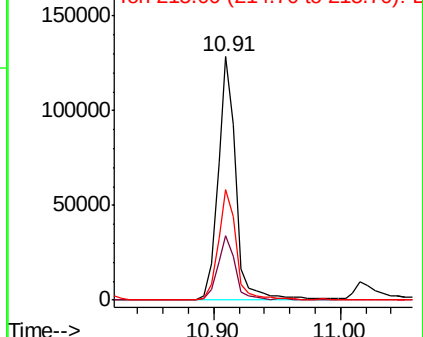
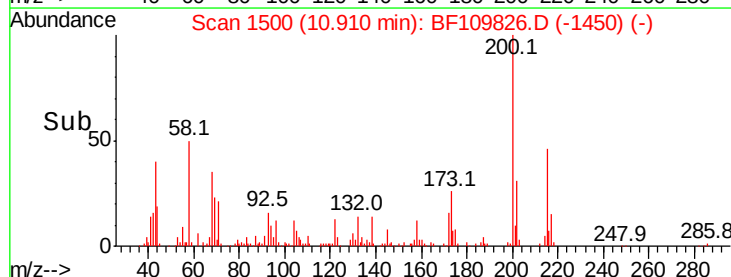
215 45.5 26.3 66.3

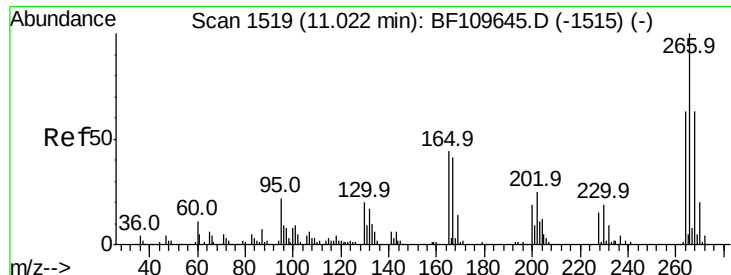


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

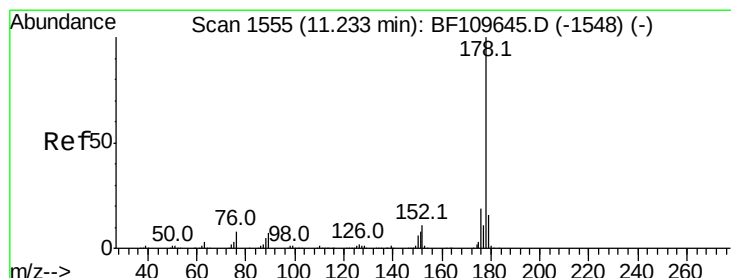
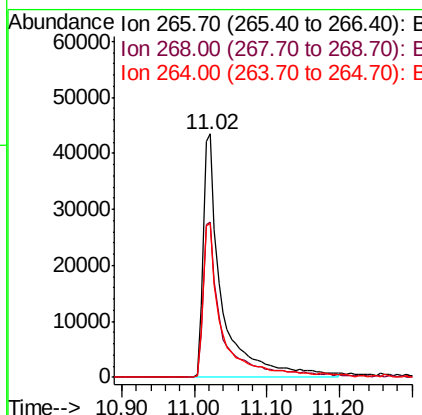
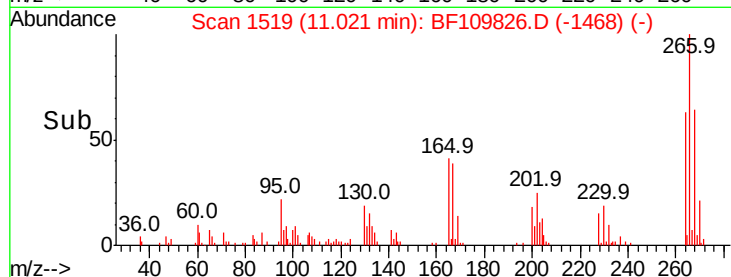
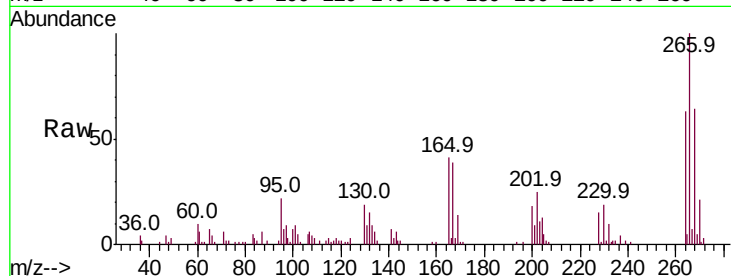




#69
 Pentachlorophenol
 Concen: 36.359 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

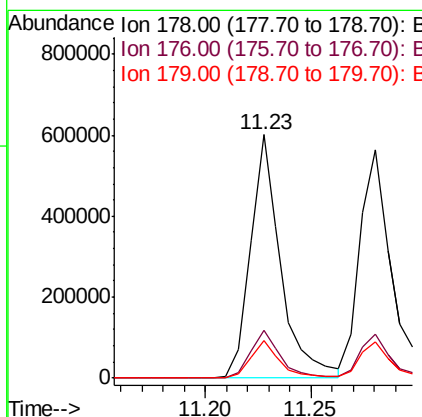
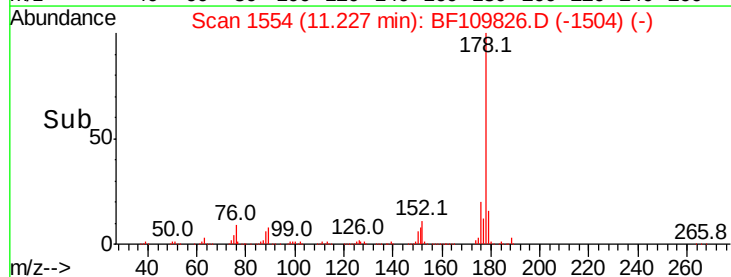
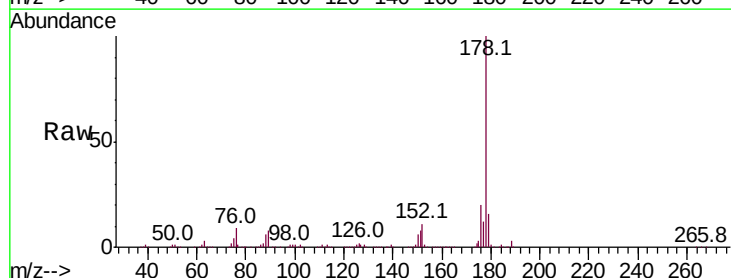
Instrument :
 BNA_F
 ClientSampled :

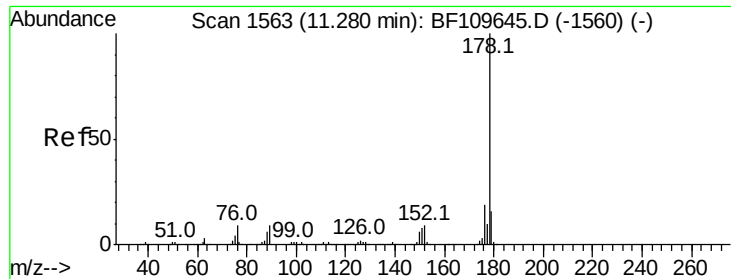
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.6	75.8
264	63.3	50.6	75.8



#70
 Phenanthrene
 Concen: 38.896 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.5	18.7

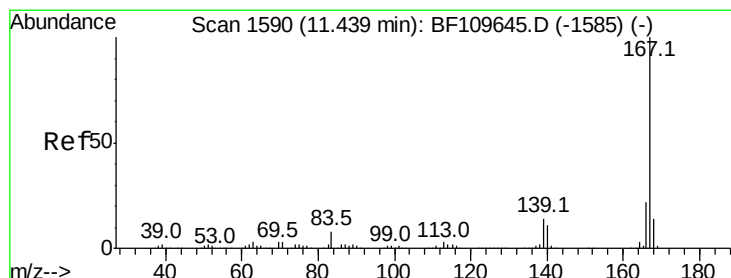
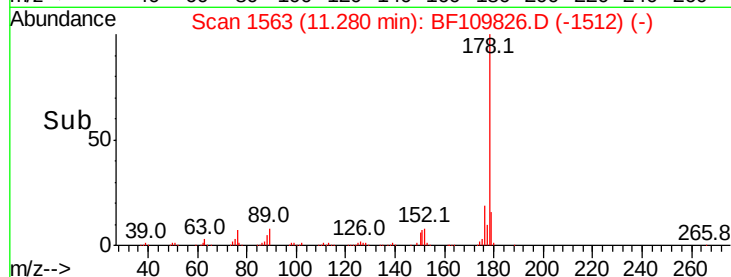
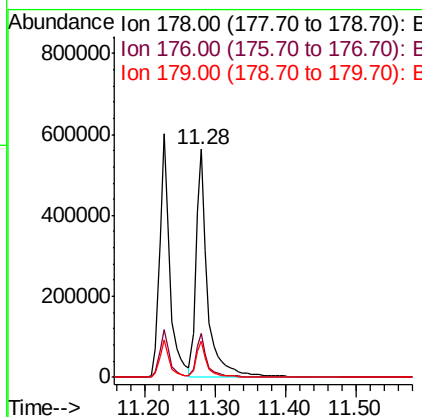
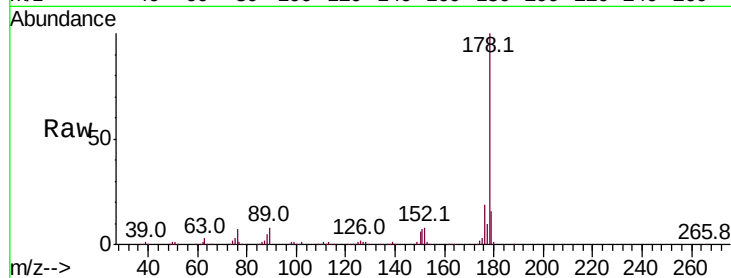




#71
 Anthracene
 Concen: 40.997 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

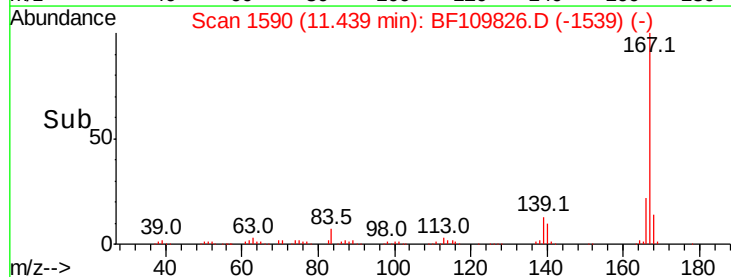
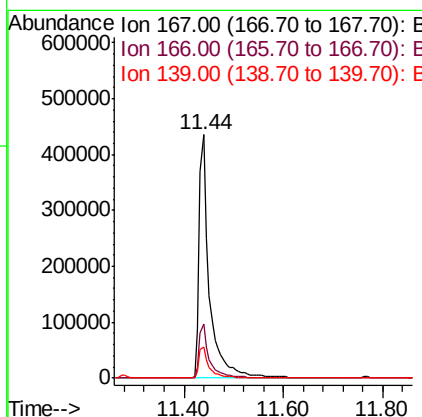
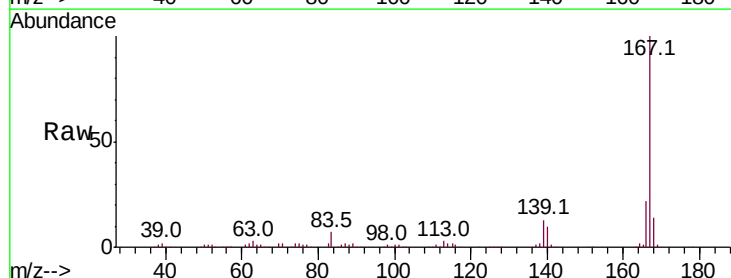
Instrument :
 BNA_F
 ClientSampleId :

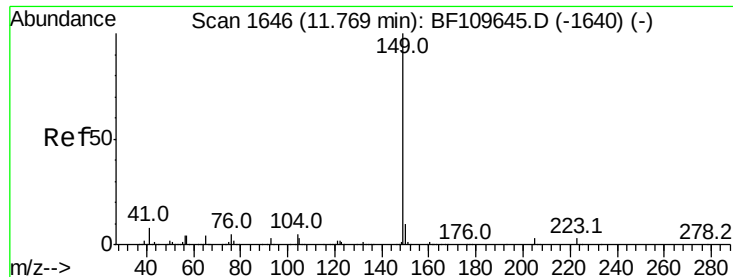
Tot Ion:178 Resp: 652050
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 18.8



#72
 Carbazole
 Concen: 40.641 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:167 Resp: 626917
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.9 10.9 16.3

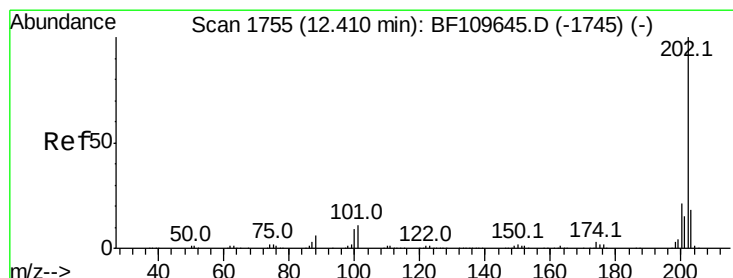
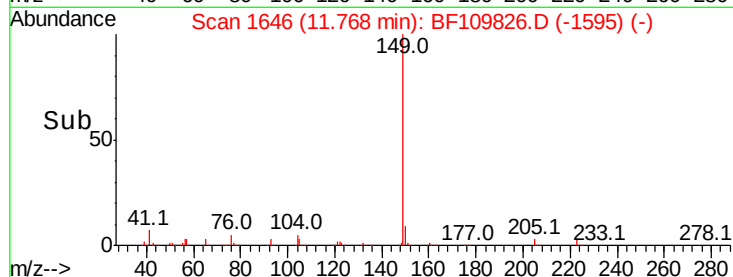
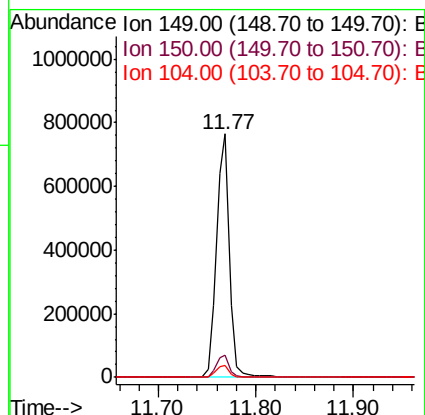
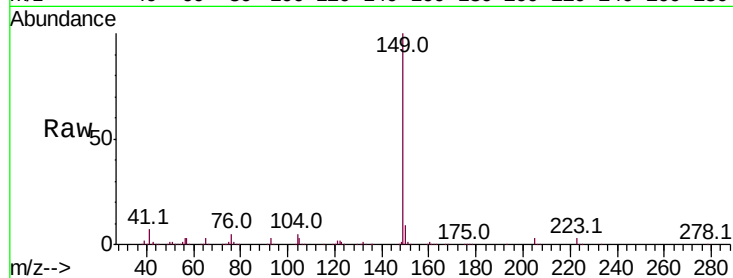




#73
Di-n-butylphthalate
Concen: 39.063 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

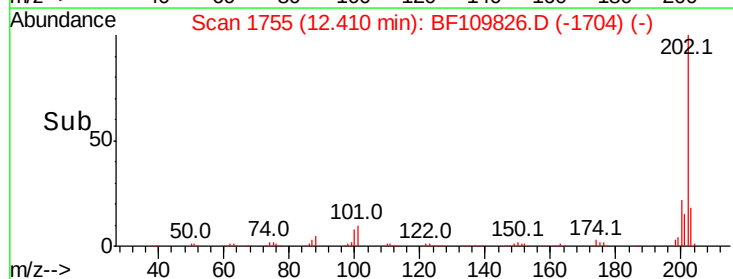
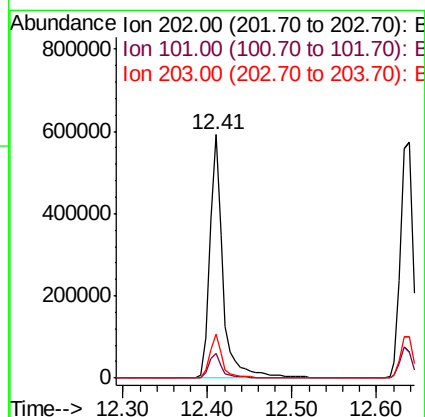
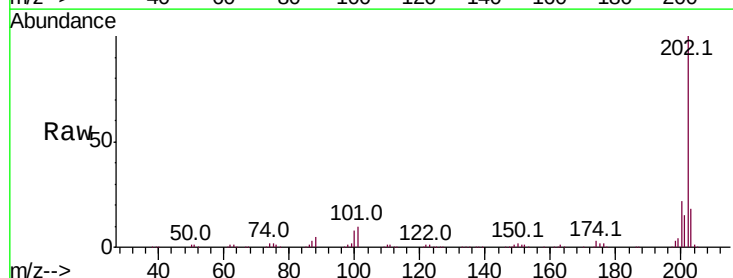
Instrument :
BNA_F
ClientSampleId :

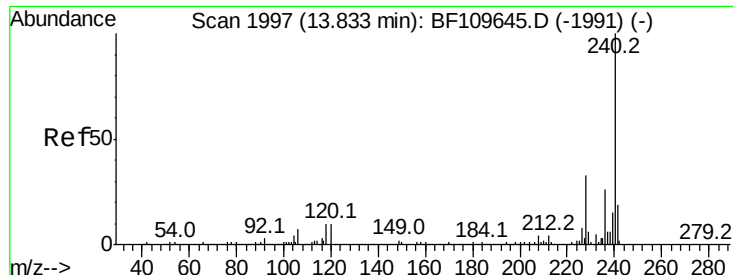
Tot Ion:149 Resp: 698882
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.9 4.2 6.4



#74
Fluoranthene
Concen: 39.643 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion:202 Resp: 637191
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.0 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

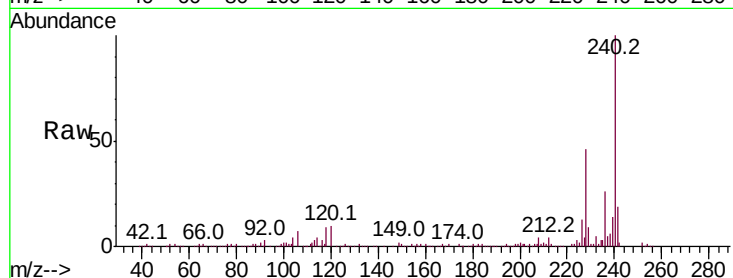
Tot Ion:240 Resp: 230946

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

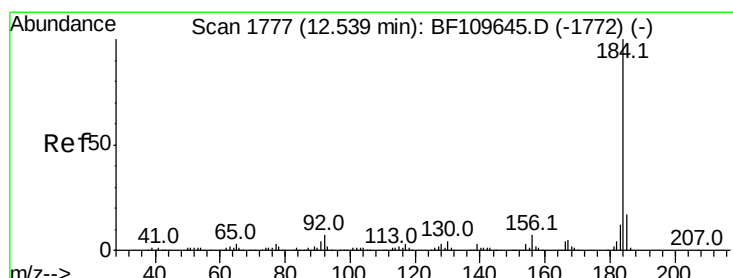
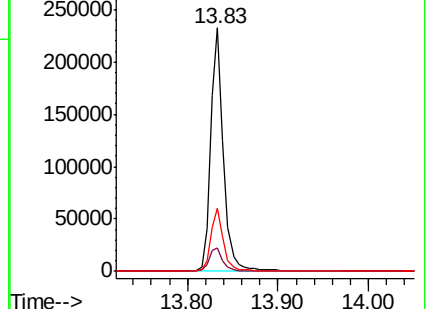
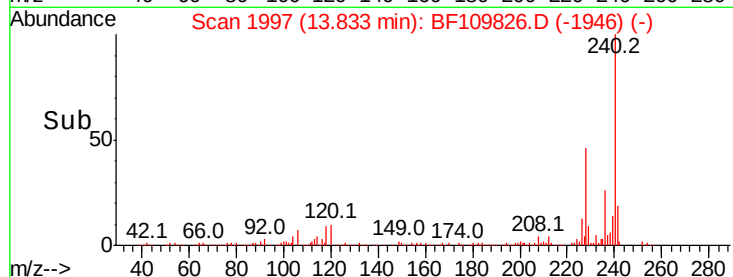
236 26.0 21.2 31.8



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



#76

Benzidine

Concen: 40.456 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

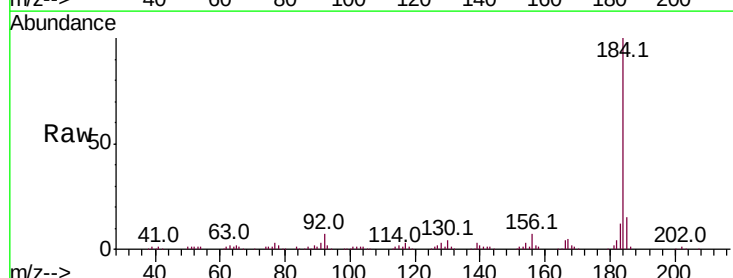
Tgt Ion:184 Resp: 347074

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

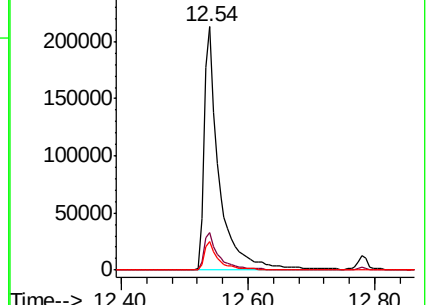
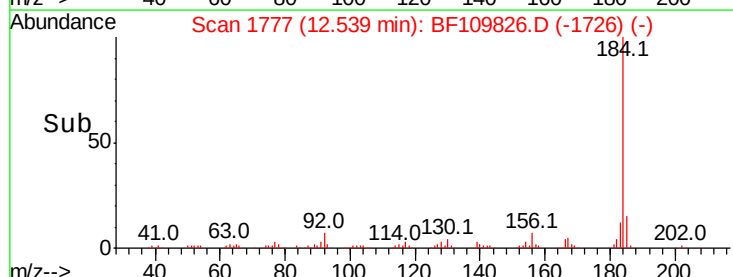
183 11.5 9.4 14.2

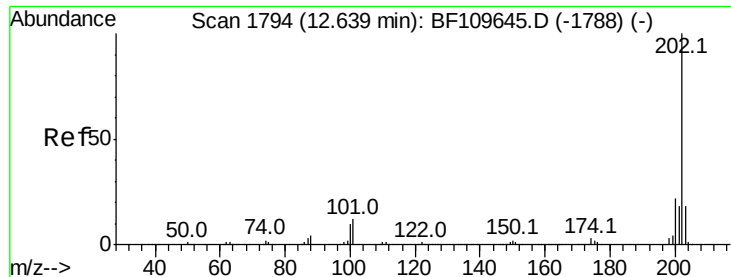


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

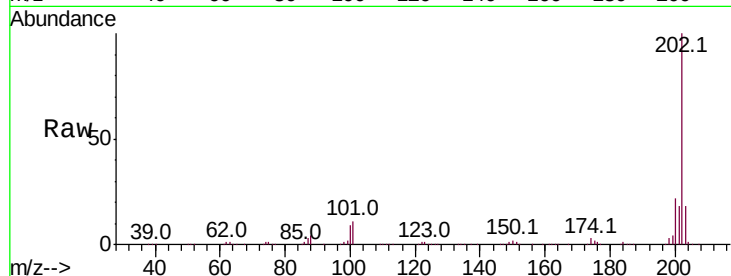




#77
Pvrene
Concen: 38.078 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.6	14.2	21.4

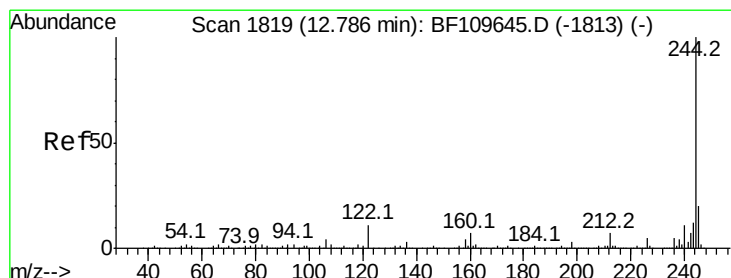
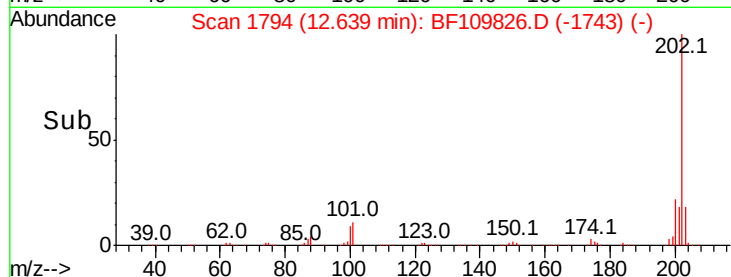
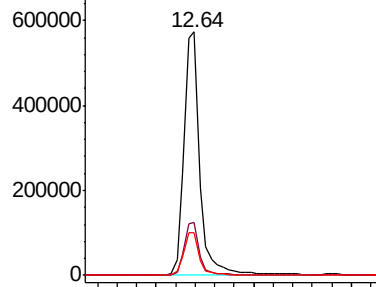


Abundance

Ion 202.00 (201.70 to 202.70): E

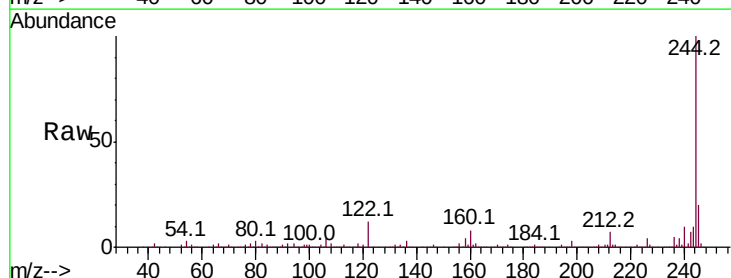
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 77.889 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	8.7	13.1

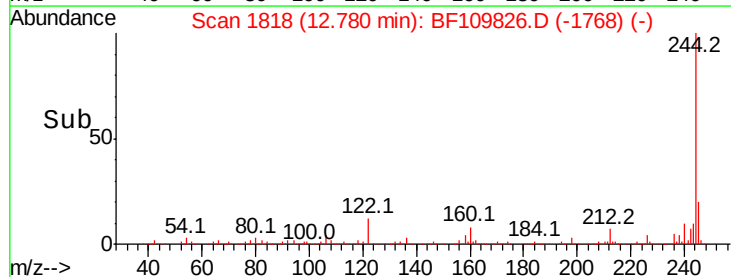
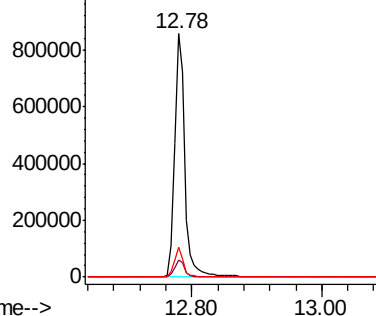


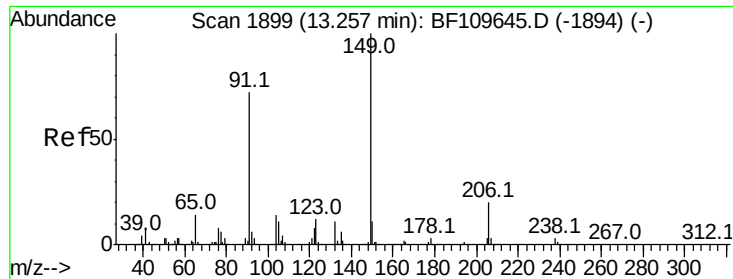
Abundance

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

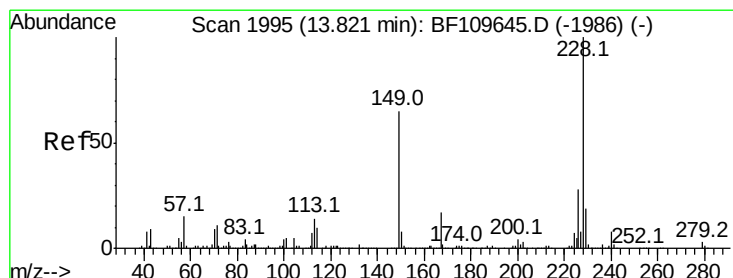
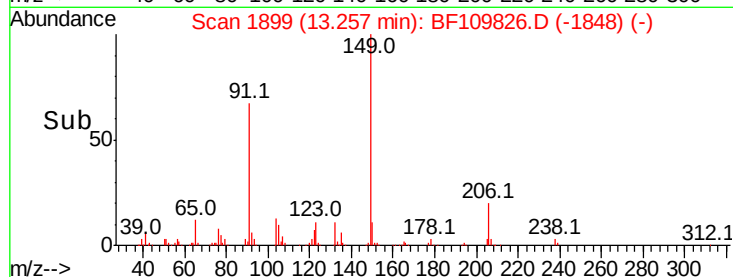
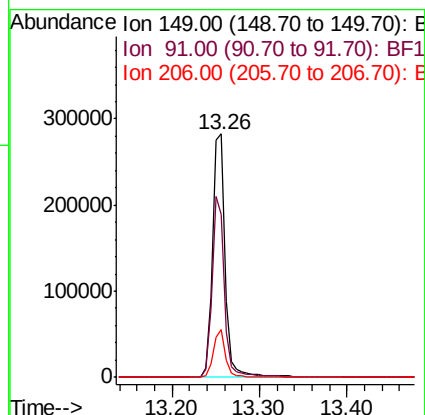
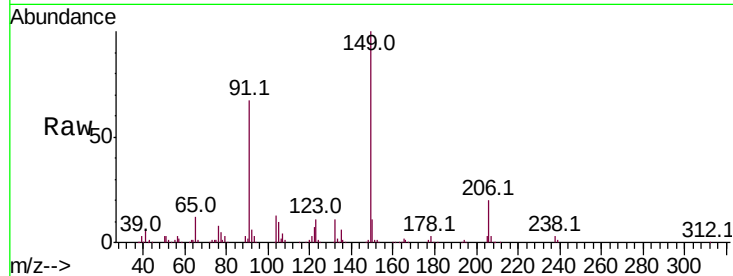




#79
Butylbenzylphthalate
Concen: 39.145 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

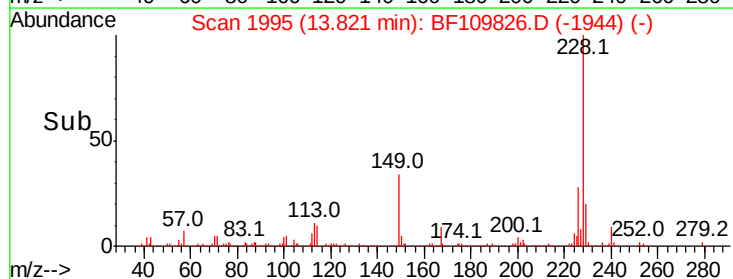
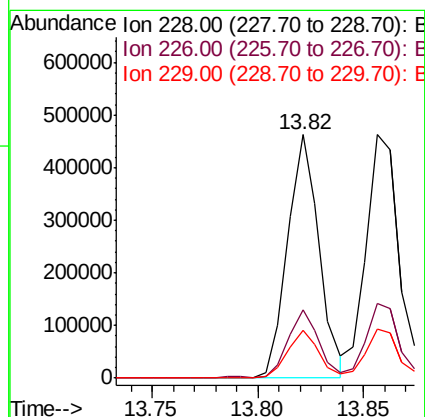
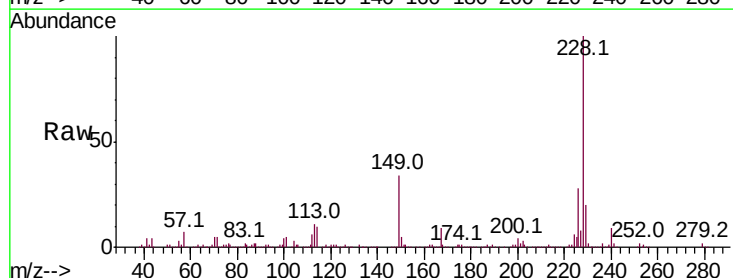
Instrument :
BNA_F
ClientSampleId :

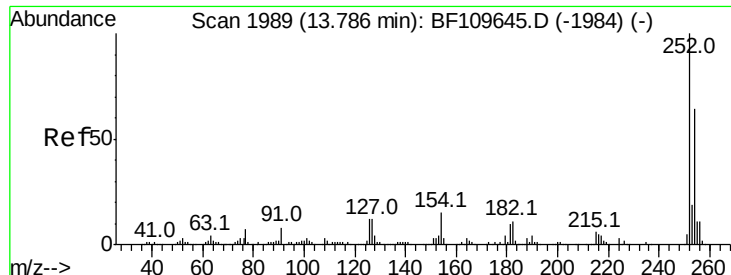
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	57.2	85.8
206	19.9	15.7	23.5



#80
Benzo(a)anthracene
Concen: 37.699 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	19.9	15.6	23.4

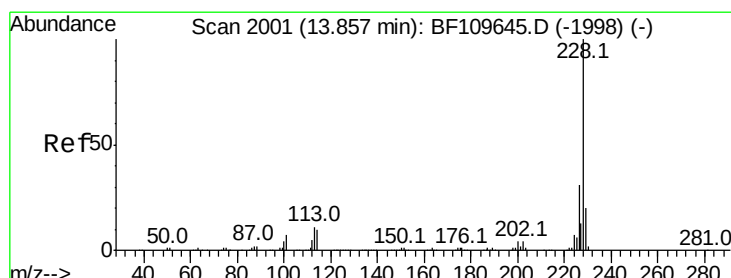
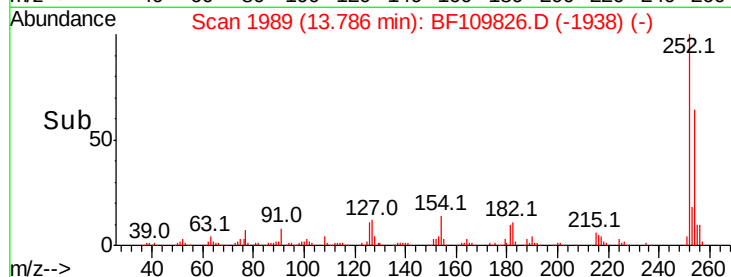
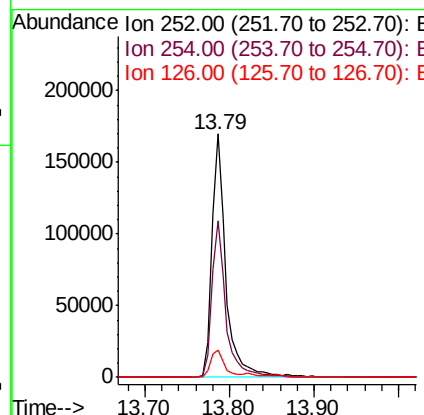
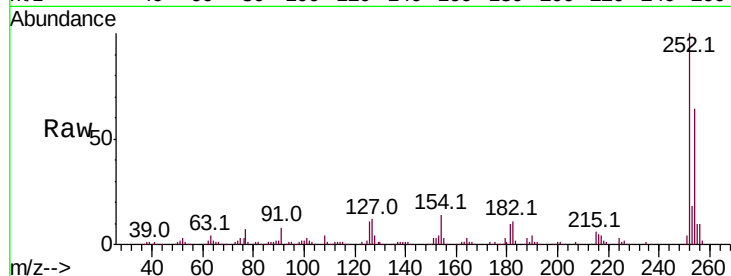




#81
 3,3'-Dichlorobenzidine
 Concen: 38.631 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

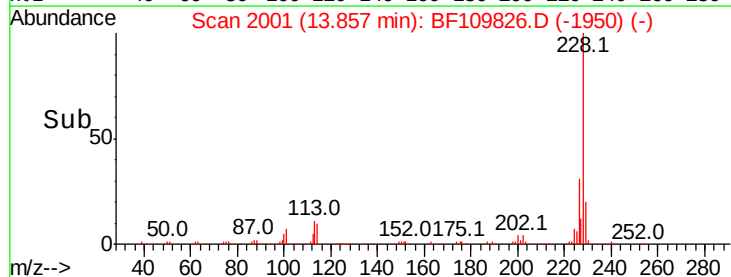
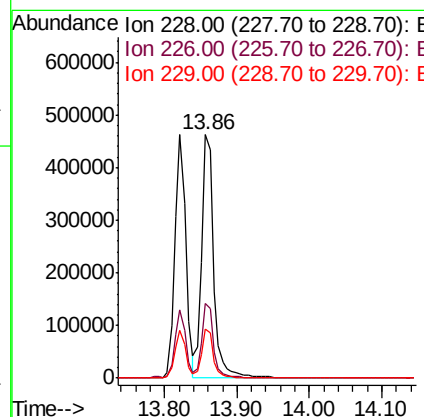
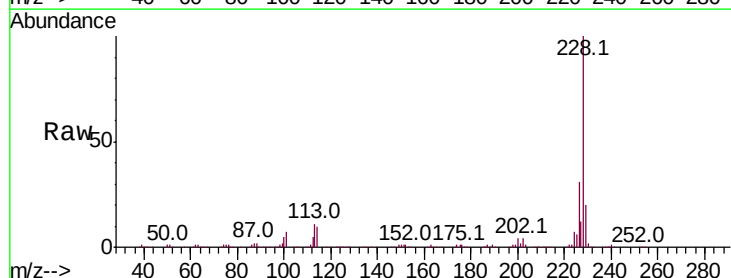
Instrument :
 BNA_F
 ClientSampleId :

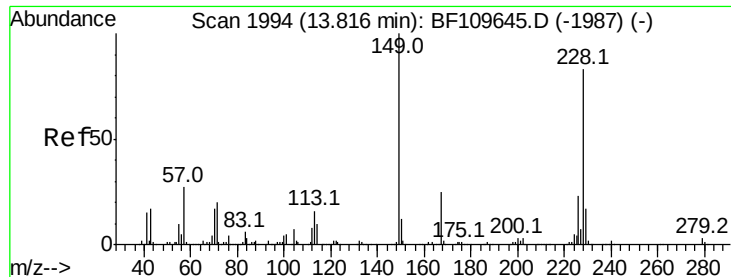
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	11.1	9.4	14.2



#82
 Chrysene
 Concen: 39.790 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	19.9	15.9	23.9

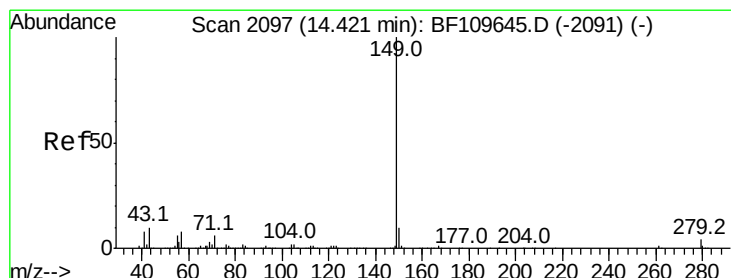
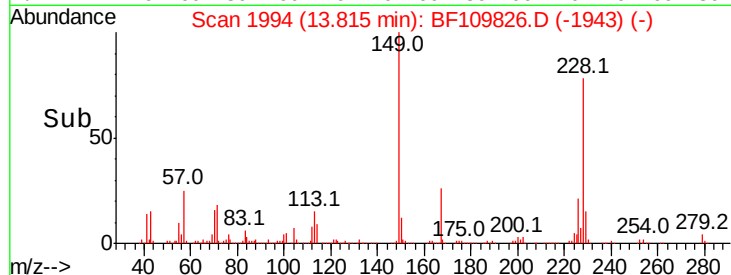
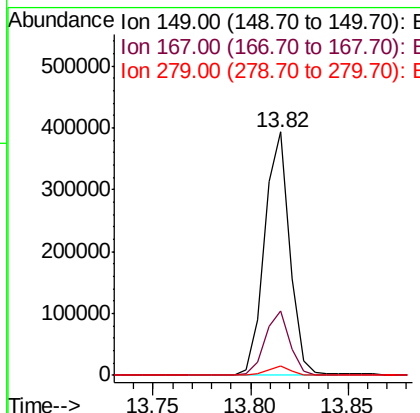
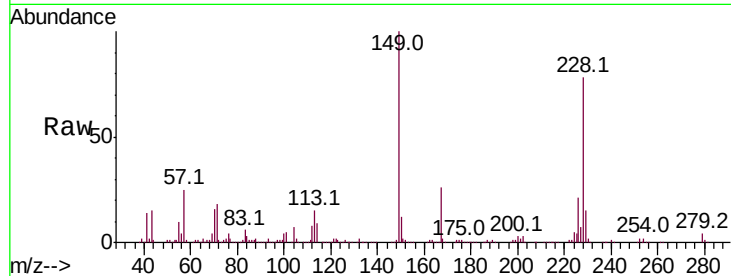




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.314 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

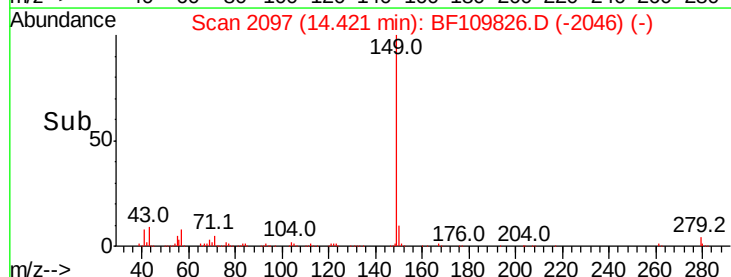
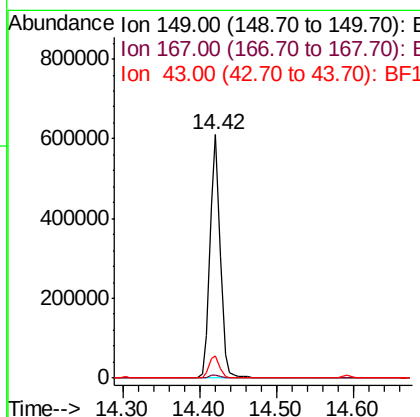
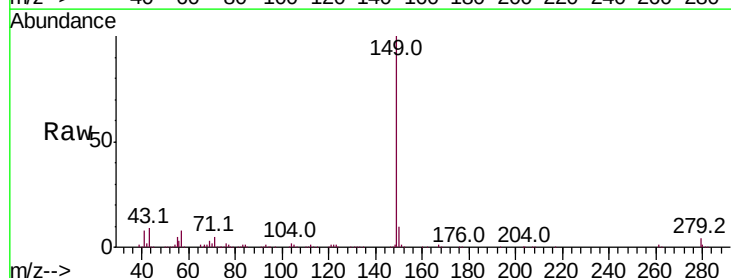
Instrument :
 BNA_F
 ClientSampleId :

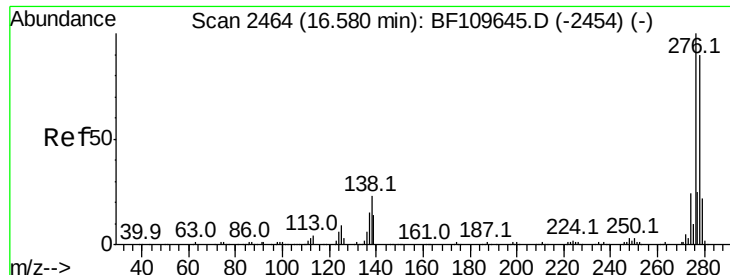
Tot Ion:149 Resp: 351871
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.8 29.8
 279 3.7 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 39.190 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion:149 Resp: 554426
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.7 7.8 11.8

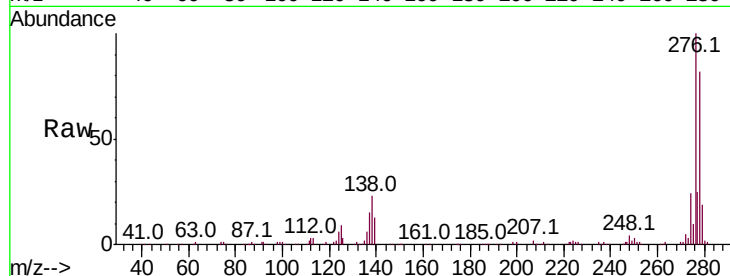




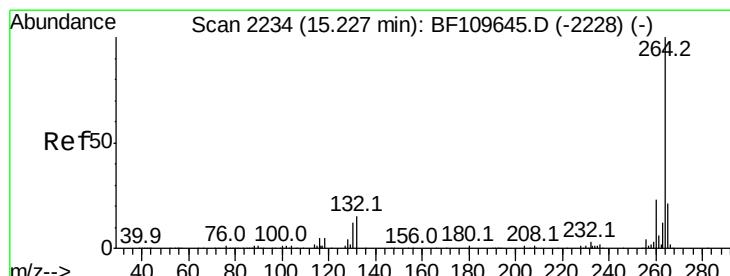
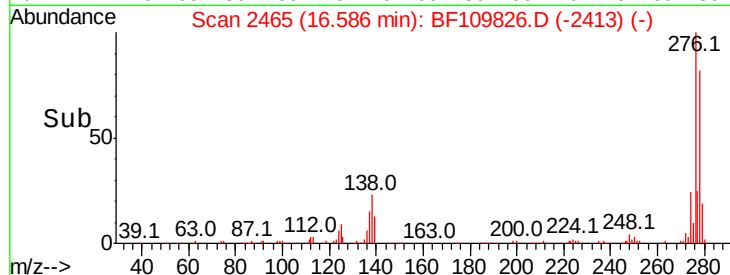
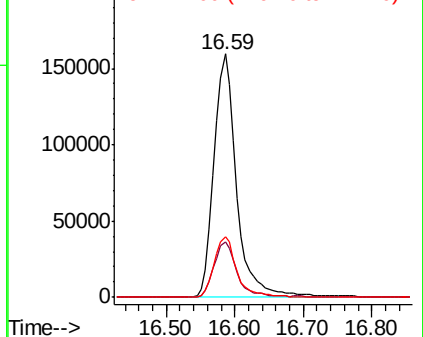
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.137 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.5	27.7
277	25.2	20.0	30.0

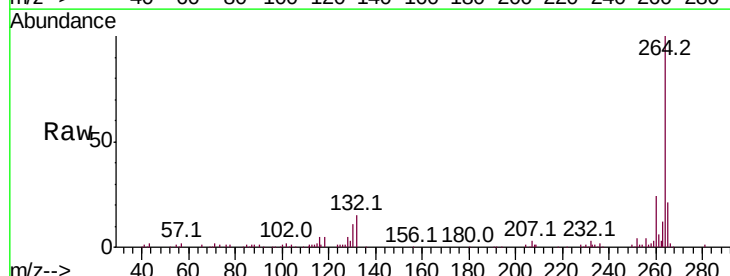


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

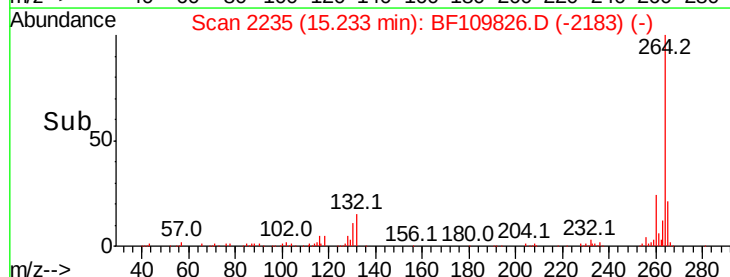
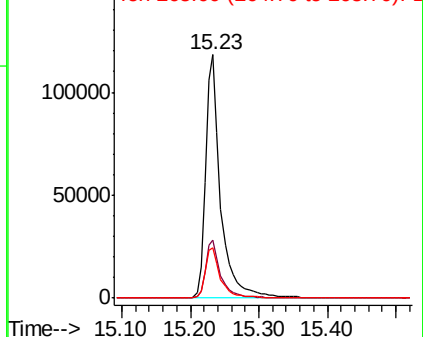


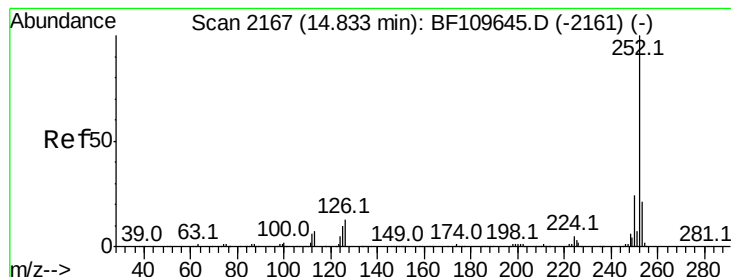
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF109826.D
 Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.5	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





#87

Benzo(b)fluoranthene

Concen: 38.061 ng

RT: 14.84 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampled :

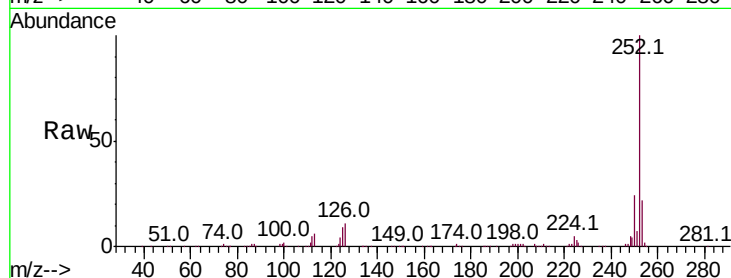
Tot Ion:252 Resp: 384128

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

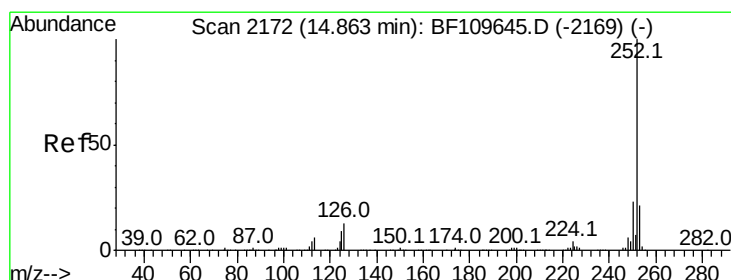
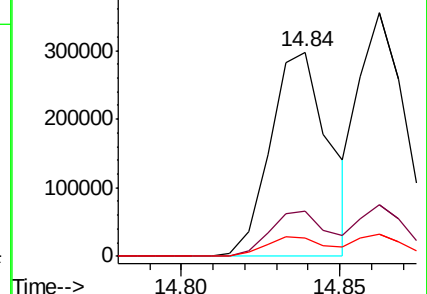
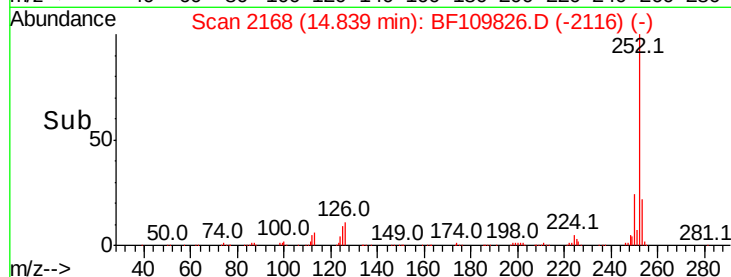
125 8.8 8.2 12.4



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



#88

Benzo(k)fluoranthene

Concen: 40.596 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

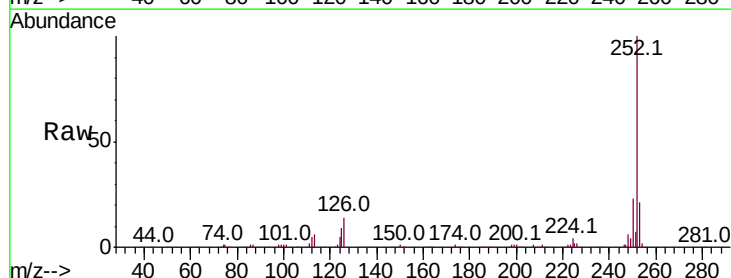
Tgt Ion:252 Resp: 411655

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

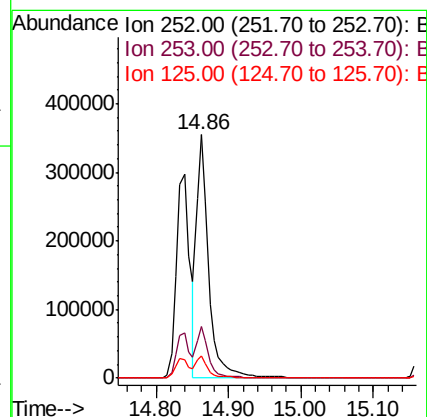
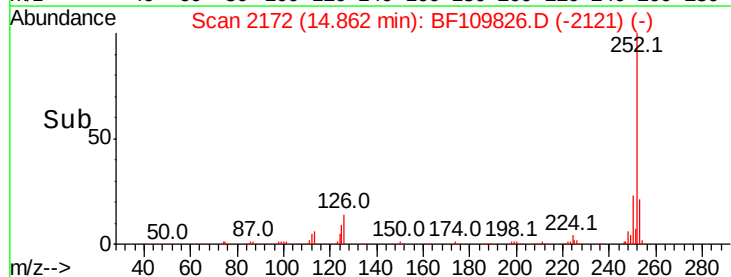
125 9.3 7.4 11.0

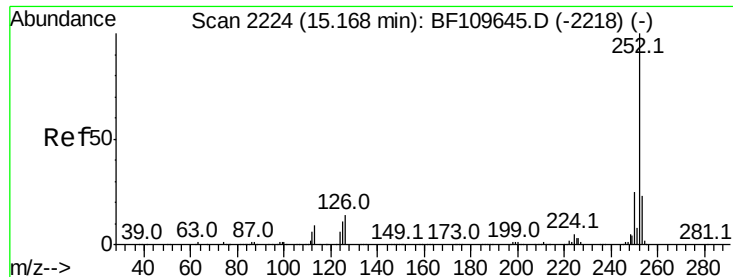


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

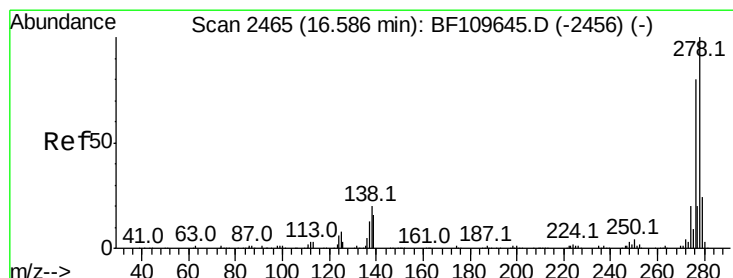
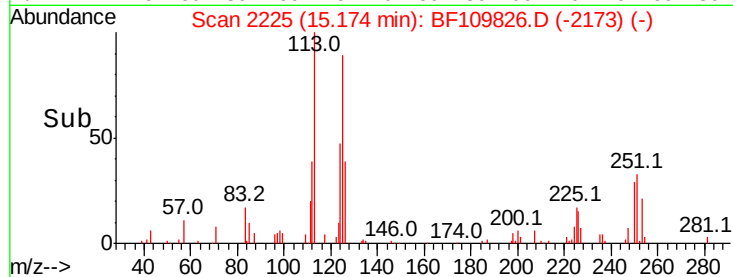
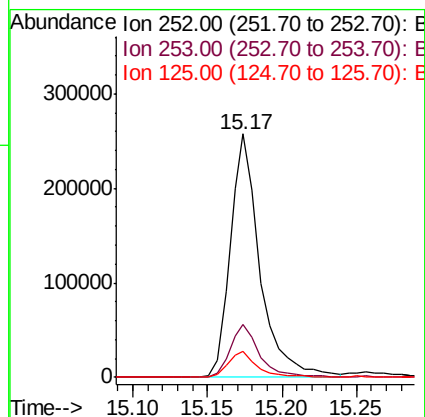
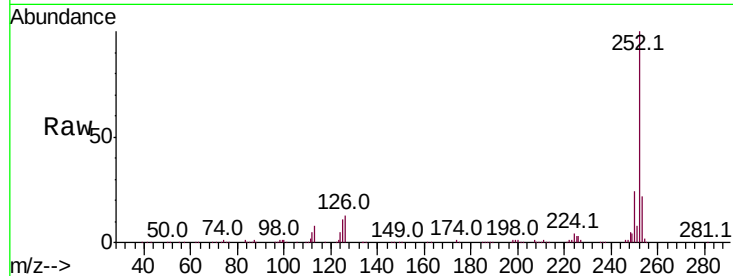




#89
Benzo(a)pyrene
Concen: 39.186 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

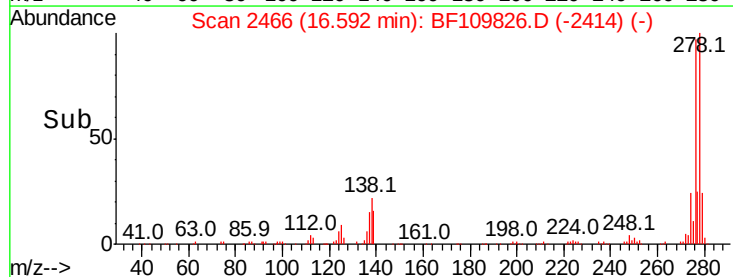
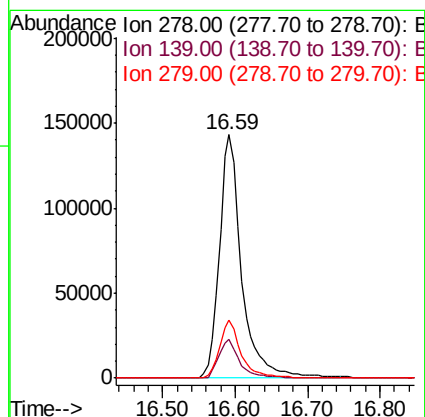
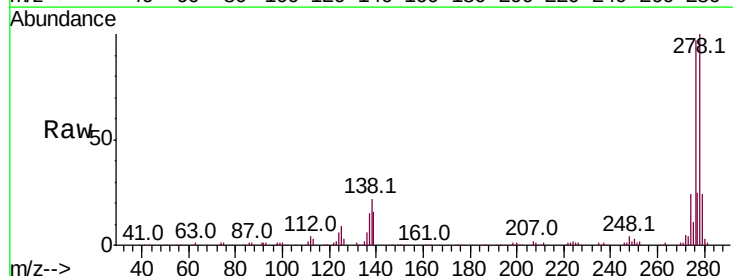
Instrument :
BNA_F
ClientSampleId :

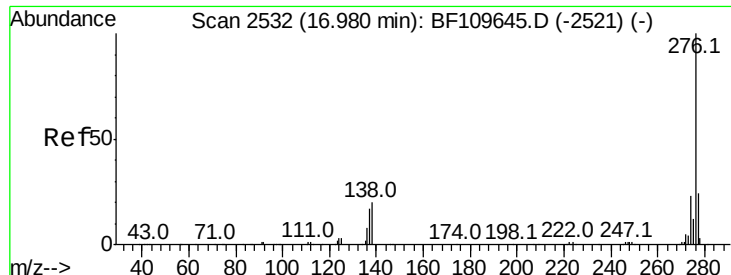
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.8	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 40.670 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109826.D
Acq: 12 Oct 2018 11:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 41.079 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109826.D

Acq: 12 Oct 2018 11:48

Instrument :

BNA_F

ClientSampleId :

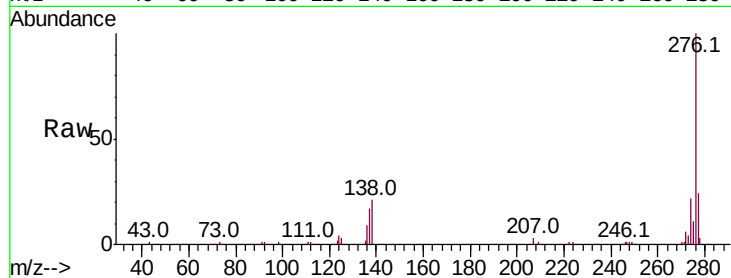
Tot Ion:276 Resp: 308553

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 20.6 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

