

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109659.D
 Acq On : 8 Oct 2018 20:33
 Operator : JU/SJ
 Sample : J5305-02 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

Quant Time: Oct 09 04:04:40 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	93571	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	366035	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	141566	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	231612	20.00	ng	0.00
75) Chrysene-d12	13.84	240	185395	20.00	ng	0.01
86) Perylene-d12	15.23	264	196707	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	213475	40.50	ng	0.00
7) Phenol-d6	6.35	99	331569	47.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	202557	30.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	54432	35.29	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	306889	29.86	ng	0.00
78) Terphenyl-d14	12.79	244	226356	23.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	823	0.297	ng	# 35
9) Benzaldehyde	6.35	77	263	0.058	ng	# 1
10) Phenol	6.36	94	2937	0.364	ng	# 1
15) Benzyl Alcohol	6.85	79	2944	0.564	ng	# 50
18) Hexachloroethane	7.23	117	334	0.117	ng	# 45
19) n-Nitroso-di-n-propylamine	7.26	70	26336	5.333	ng	# 79
24) Nitrobenzene	7.26	77	564	0.082	ng	# 40
25) Isophorone	7.26	82	202557	18.370	ng	# 67
31) Naphthalene	8.00	128	14817	0.875	ng	# 100
33) 4-Chloroaniline	8.00	127	1547	0.208	ng	# 35
36) 4-Chloro-3-methylphenol	8.81	107	119	0.022	ng	# 1
37) 2-Methylnaphthalene	8.69	142	11011	0.993	ng	# 94
42) 2,4,6-Trichlorophenol	8.89	196	611	0.212	ng	# 81
43) 2,4,5-Trichlorophenol	8.89	196	611	0.184	ng	# 78
45) 1,1'-Biphenyl	9.16	154	2473	0.196	ng	# 91
46) 2-Chloronaphthalene	9.22	162	1062	0.112	ng	# 38
47) 2-Nitroaniline	9.26	65	424	0.148	ng	# 6
48) Acenaphthylene	9.59	152	145076	10.503	ng	# 100
49) Dimethylphthalate	9.45	163	18150	1.748	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	25019	11.117	ng	# 26
51) Acenaphthene	9.76	154	819488	100.079	ng	# 99
52) 3-Nitroaniline	9.76	138	966	0.383	ng	# 1
53) 2,4-Dinitrophenol	9.98	184	995	1.370	ng	# 82
54) Dibenzofuran	9.93	168	161976	13.196	ng	# 96
55) 4-Nitrophenol	9.88	139	2174	1.574	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	1796	0.639	ng	# 1
57) Fluorene	10.27	166	386761	42.194	ng	# 99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	19853	7.373	ng	# 61
59) Diethylphthalate	10.15	149	1217	0.118	ng	# 41
60) 4-Chlorophenyl-phenylether	10.00	204	549	0.114	ng	# 11
61) 4-Nitroaniline	10.27	138	4549	1.947	ng	# 22
62) Azobenzene	10.43	77	8170	0.782	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.24	198	112	0.099	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	16766	2.135	ng	# 97

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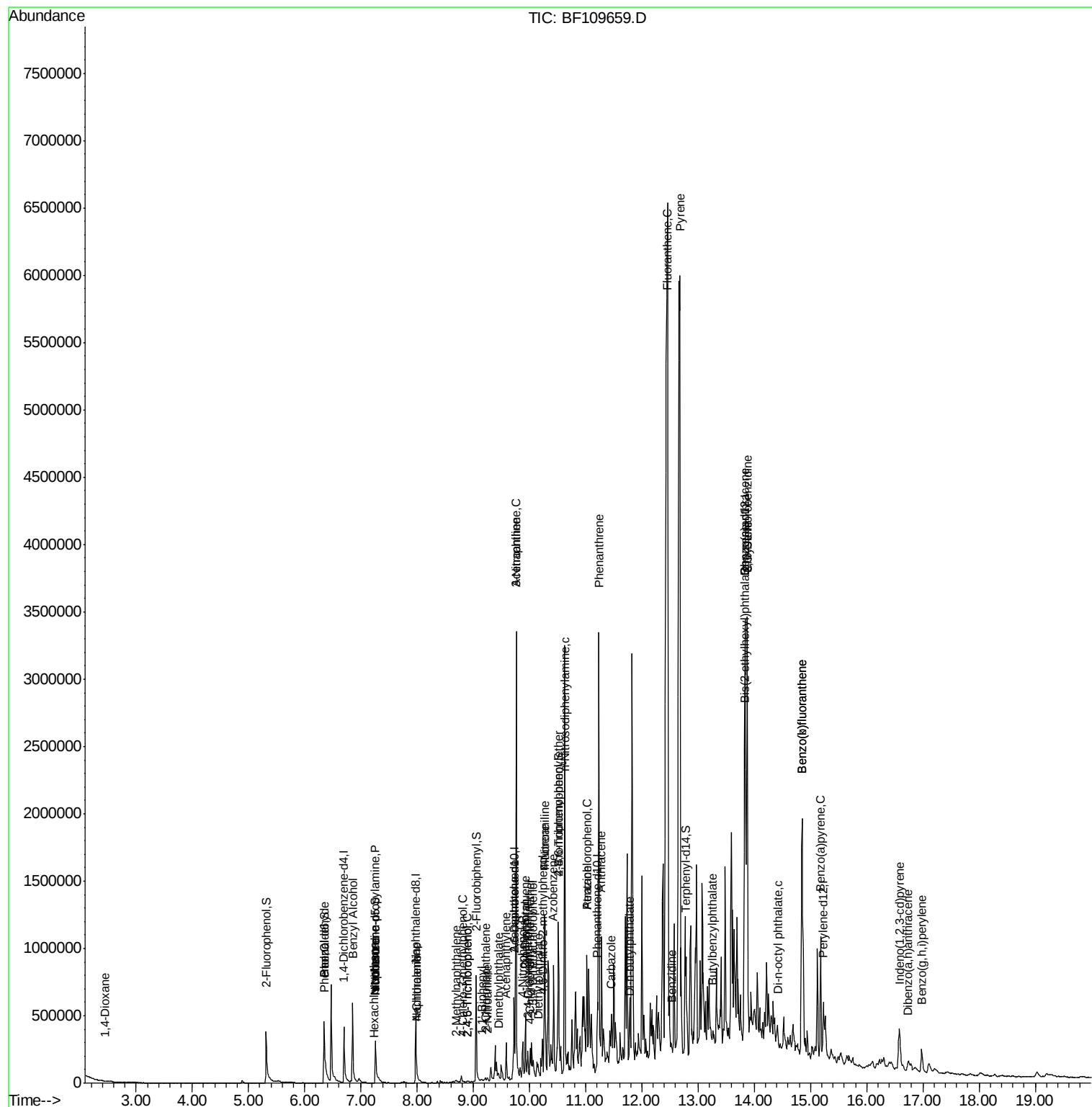
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.51	248	3430	1.289	ng	# 1
68) Atrazine	11.02	200	18858	7.696	ng	# 38
69) Pentachlorophenol	11.02	266	98957	61.026	ng	96
70) Phenanthrene	11.23	178	1505239	129.865	ng	98
71) Anthracene	11.28	178	365676	30.520	ng	99
72) Carbazole	11.45	167	34699	2.986	ng	# 84
73) Di-n-butylphthalate	11.77	149	2330	0.173	ng	# 1
74) Fluoranthene	12.46	202	6957039	574.549	ng	96
76) Benzidine	12.54	184	149	0.022	ng	# 1
77) Pyrene	12.68	202	4664757	343.420	ng	95
79) Butylbenzylphthalate	13.26	149	845	0.143	ng	# 1
80) Benzo(a)anthracene	13.84	228	1696502	165.822	ng	97
81) 3,3'-Dichlorobenzidine	13.87	252	10851	2.634	ng	# 1
82) Chrysene	13.87	228	1454388	135.338	ng	96
83) Bis(2-ethylhexyl)phthalate	13.82	149	33263	4.630	ng	# 95
84) Di-n-octyl phthalate	14.43	149	2630	0.232	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.58	276	185884	24.166	ng	95
87) Benzo(b)fluoranthene	14.85	252	1349171	124.114	ng	98
88) Benzo(k)fluoranthene	14.85	252	1349171	123.527	ng	97
89) Benzo(a)pyrene	15.18	252	401501	40.701	ng	98
90) Dibenzo(a,h)anthracene	16.74	278	34693	4.282	ng	98
91) Benzo(g,h,i)perylene	16.98	276	142260	17.584	ng	99

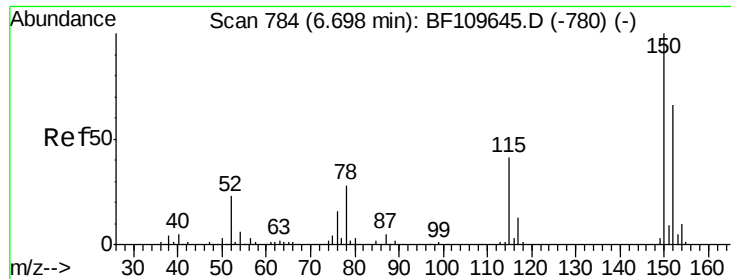
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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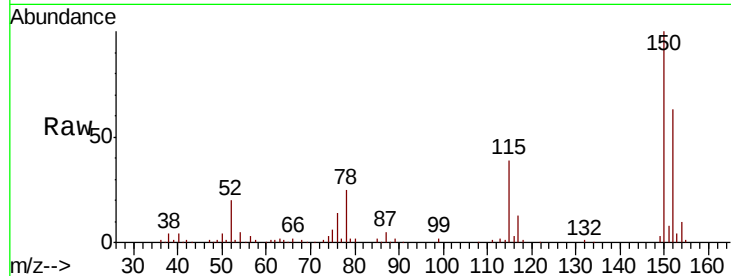




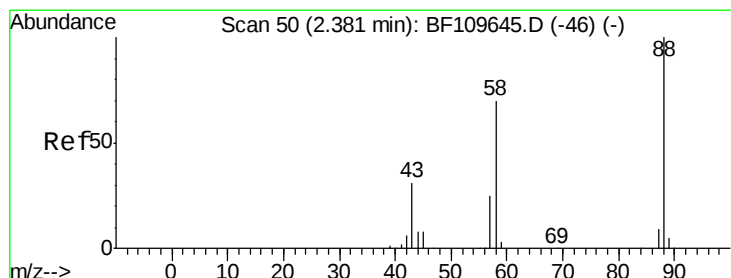
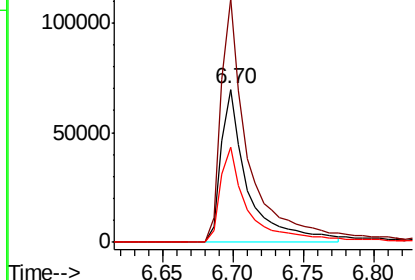
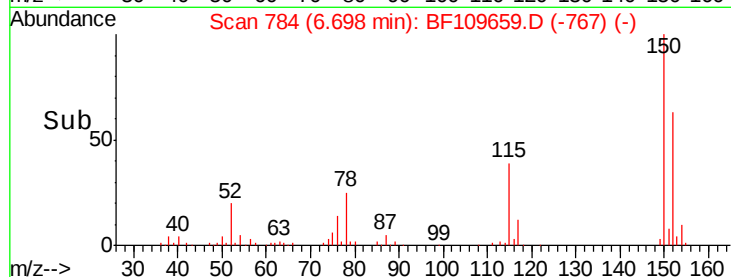
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

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Tgt Ion:152 Resp: 93571
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.7 184.1
 115 62.1 49.1 73.7

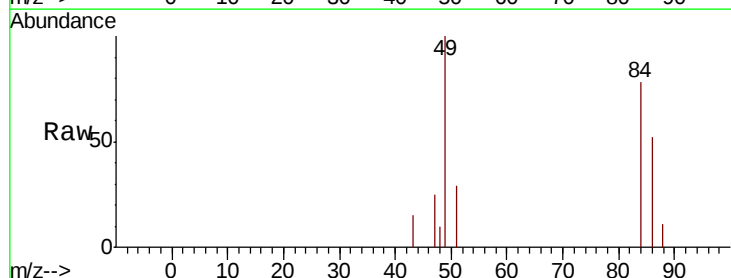


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

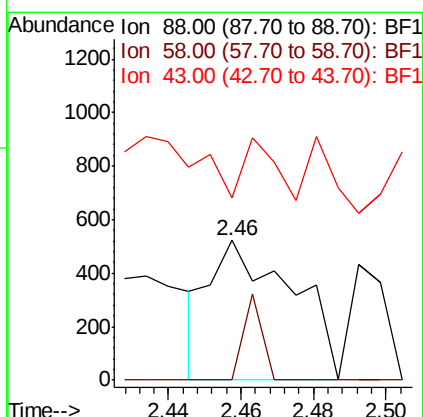
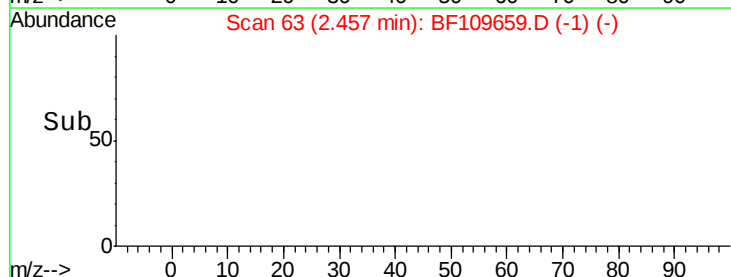


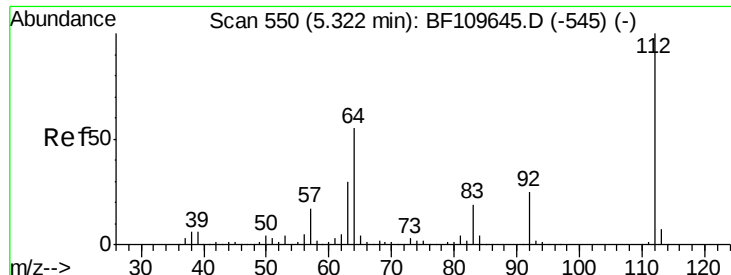
#2
 1,4-Dioxane
 Concen: 0.297 ng
 RT: 2.46 min Scan# 63
 Delta R.T. 0.08 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion: 88 Resp: 823
 Ion Ratio Lower Upper
 88 100
 58 13.9 57.1 85.7#
 43 0.0 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





#5

2-Fluorophenol

Concen: 40.496 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

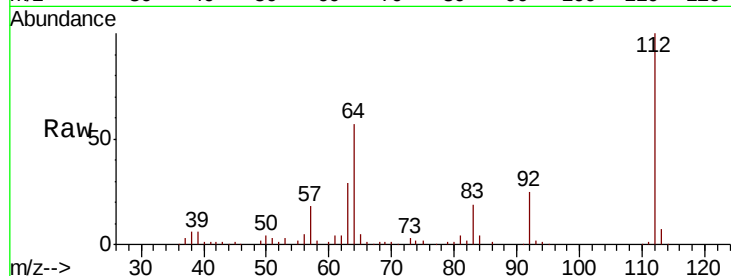
Tgt Ion: 112 Resp: 213475

Ion Ratio Lower Upper

112 100

64 56.7 44.1 66.1

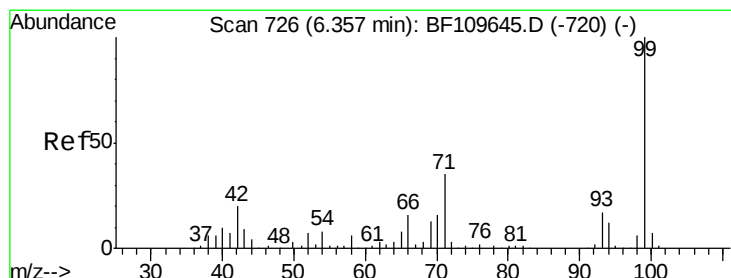
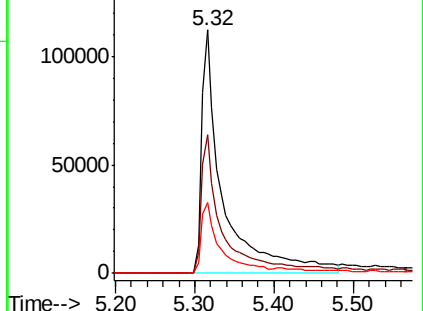
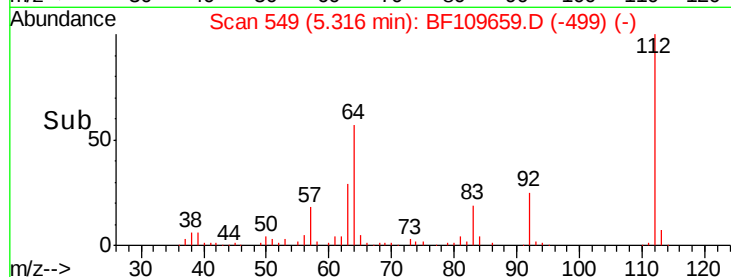
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 47.084 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

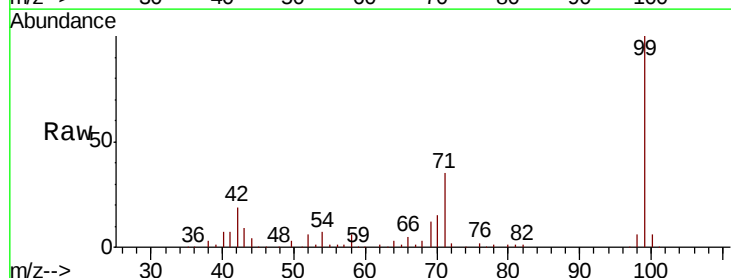
Tgt Ion: 99 Resp: 331569

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

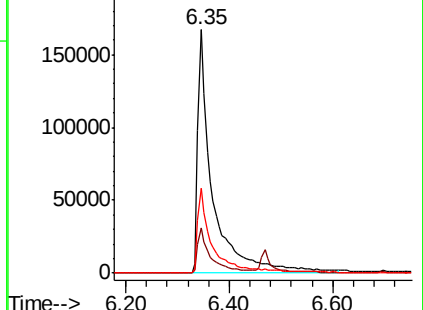
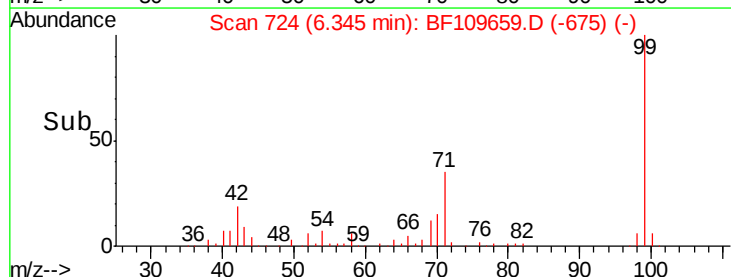
71 34.7 28.0 42.0

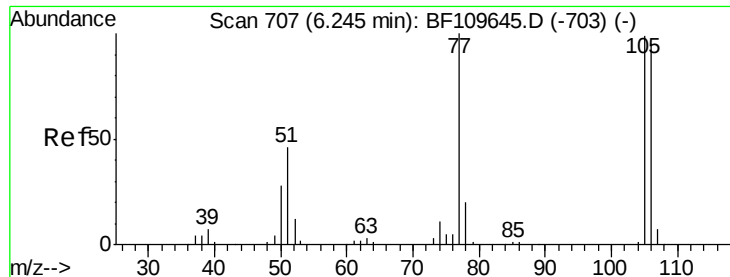


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.058 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.10 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

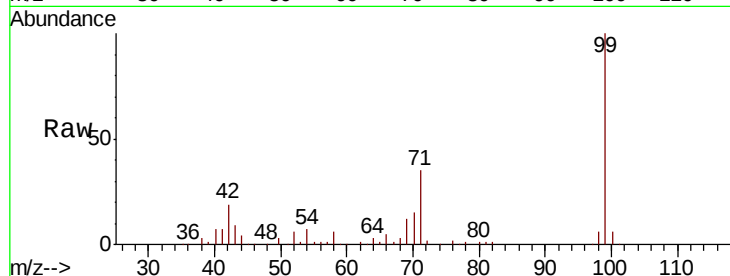
Tgt Ion: 77 Resp: 263

Ion Ratio Lower Upper

77 100

105 0.0 78.6 118.6#

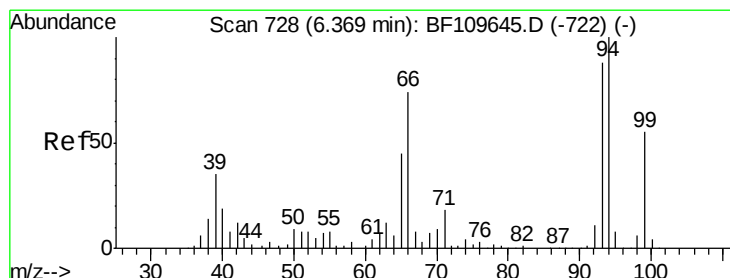
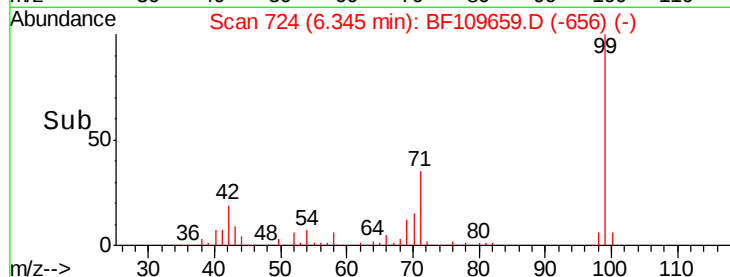
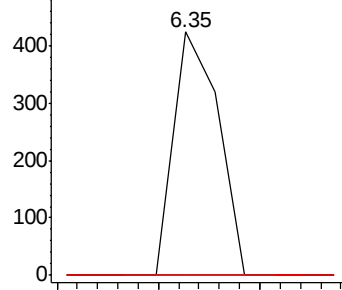
106 0.0 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.364 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

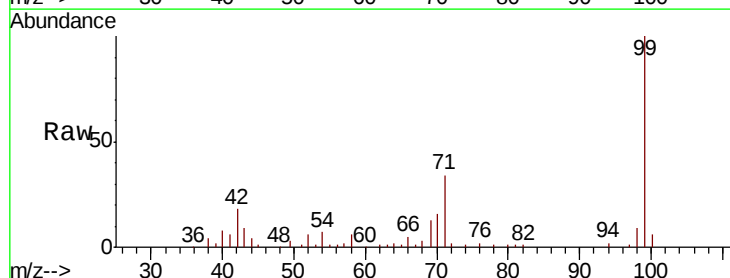
Tgt Ion: 94 Resp: 2937

Ion Ratio Lower Upper

94 100

65 79.6 25.3 65.3#

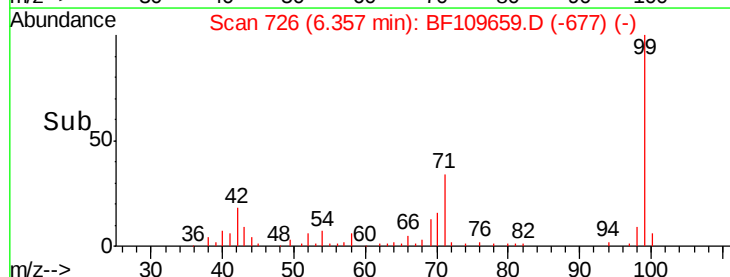
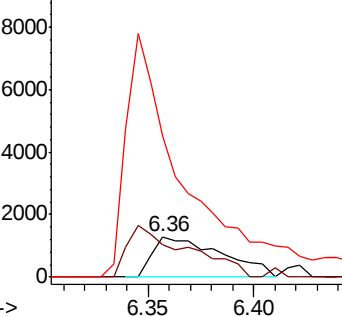
66 347.5 54.5 94.5#

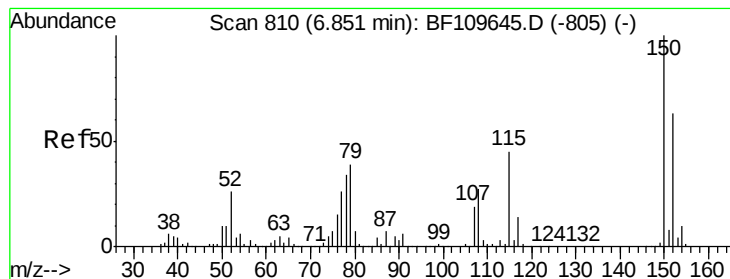


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 0.564 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

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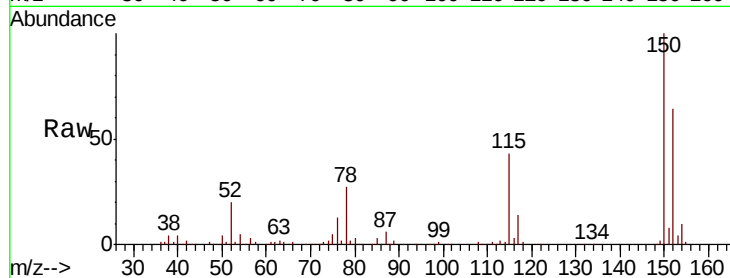
Tgt Ion: 79 Resp: 2944

Ion Ratio Lower Upper

79 100

108 29.8 56.3 84.5#

77 106.6 52.9 79.3#

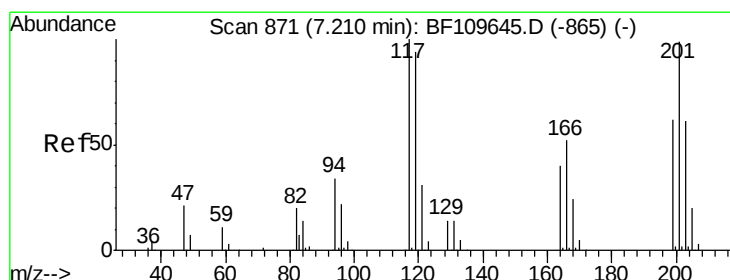
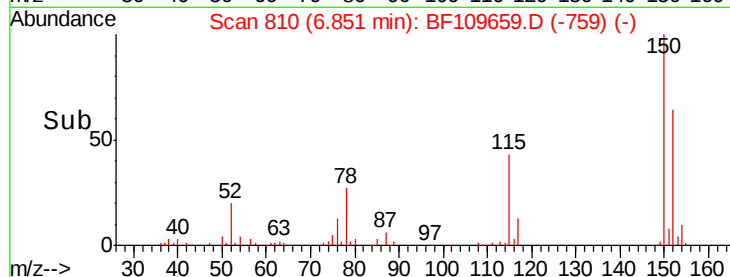
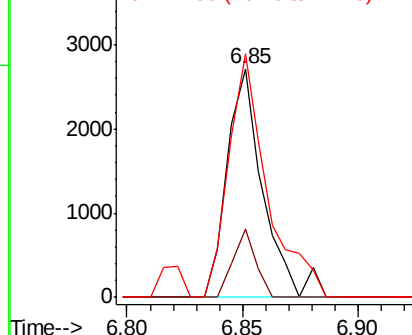


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 0.117 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.02 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

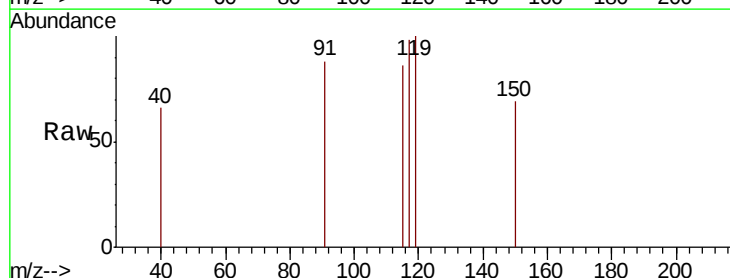
Tgt Ion: 117 Resp: 334

Ion Ratio Lower Upper

117 100

119 101.7 75.0 112.6

201 0.0 79.2 118.8#

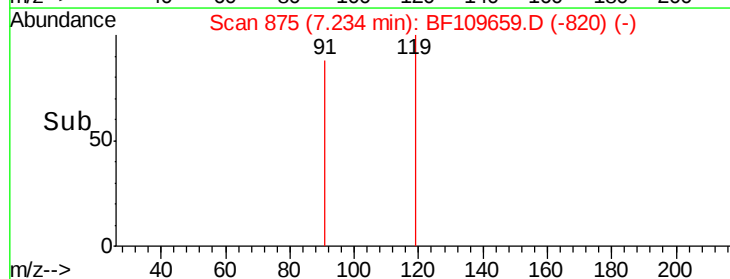
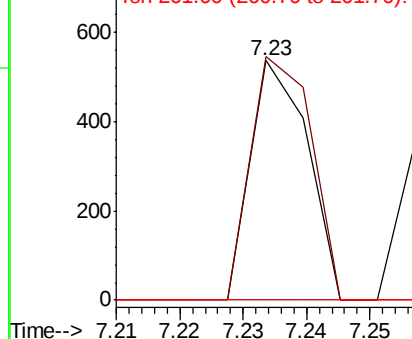


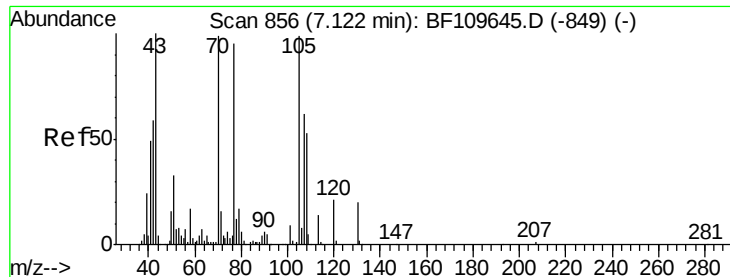
Abundance

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

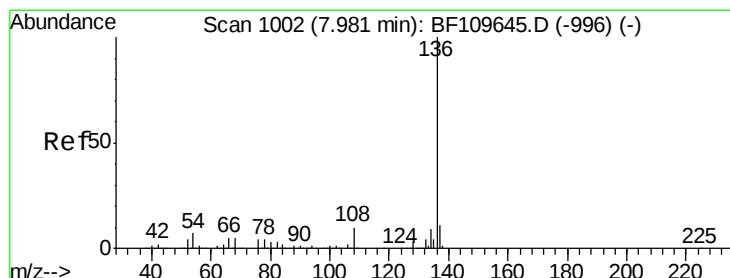
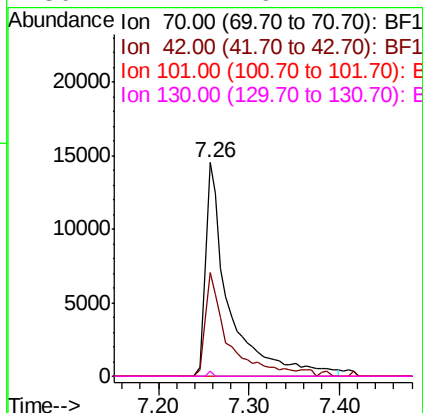
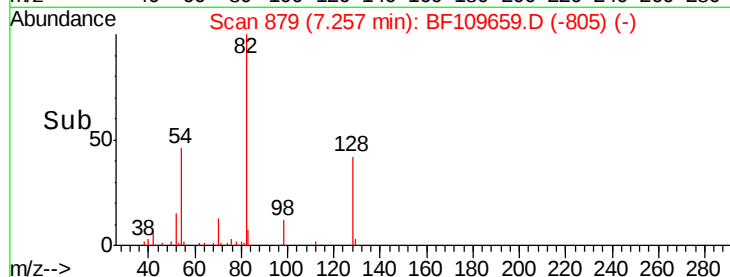
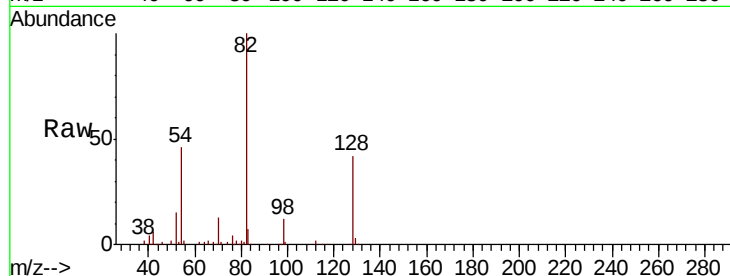




#19
n-Nitroso-di-n-propylamine
Concen: 5.333 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

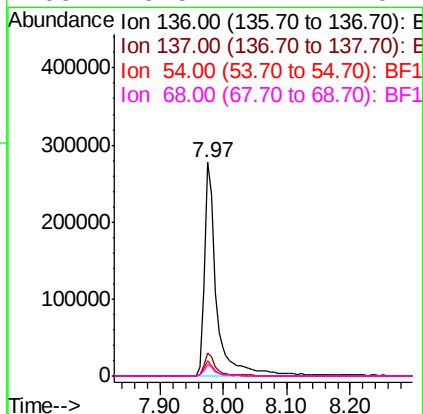
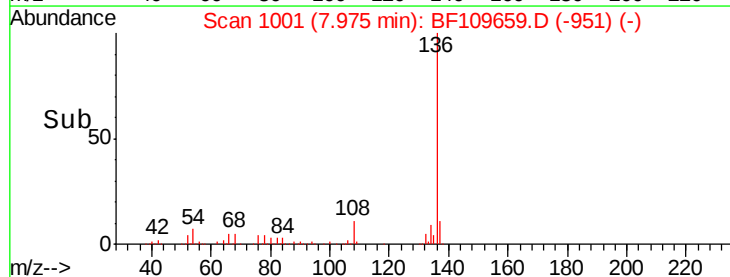
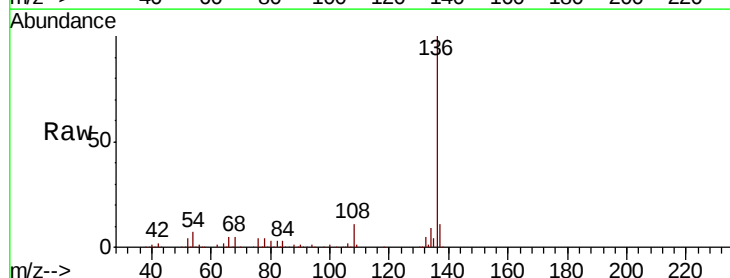
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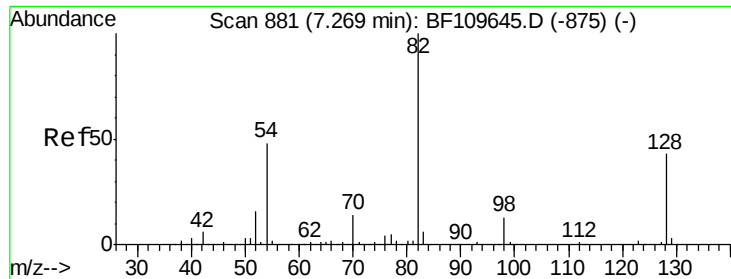
Tgt Ion:	70	Resp:	26336
Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.7	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
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Tgt Ion:	136	Resp:	366035
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.0	5.4	8.2
68	5.5	4.2	6.2

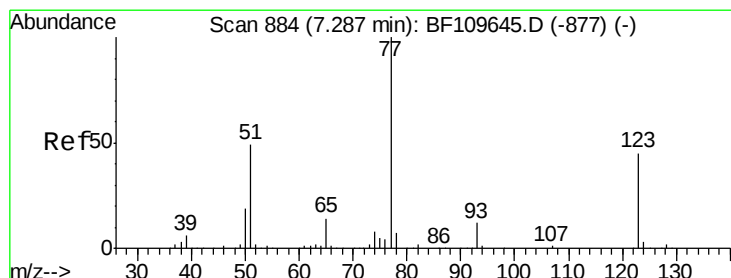
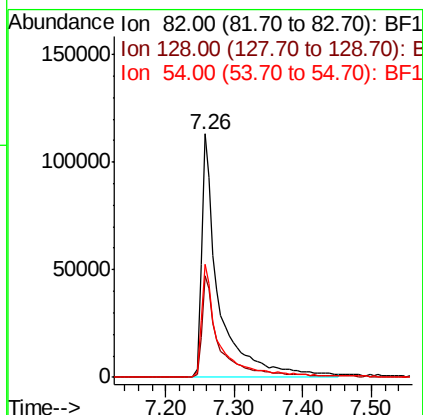
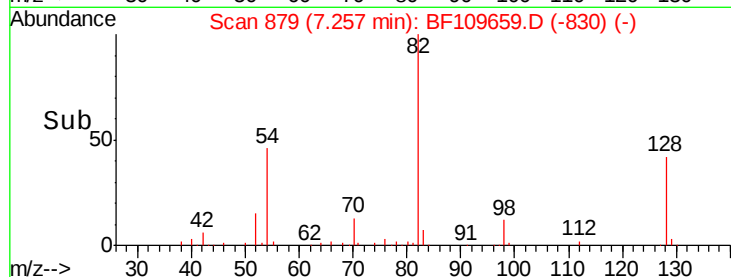
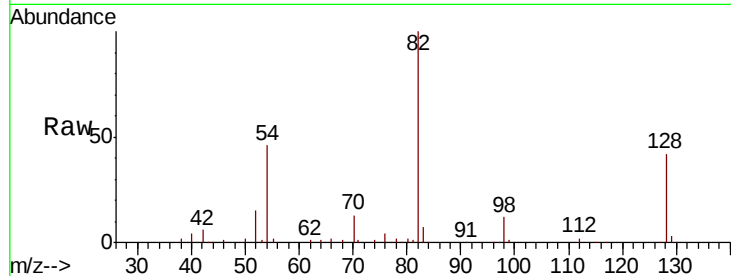




#23
 Nitrobenzene-d5
 Concen: 30.504 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

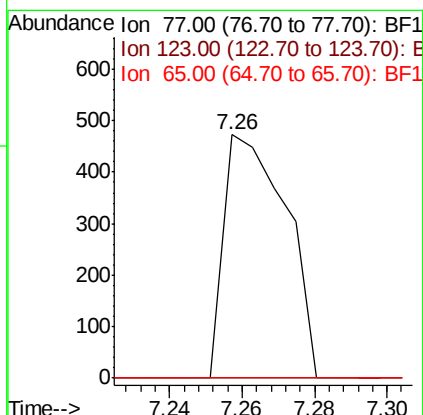
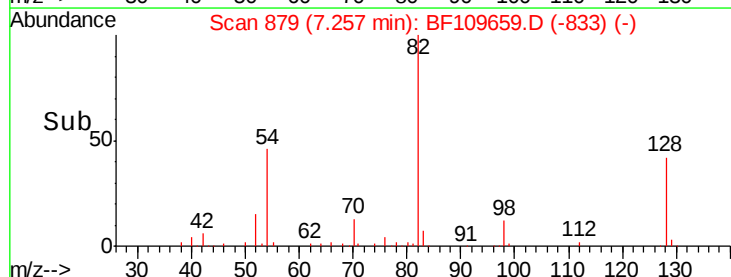
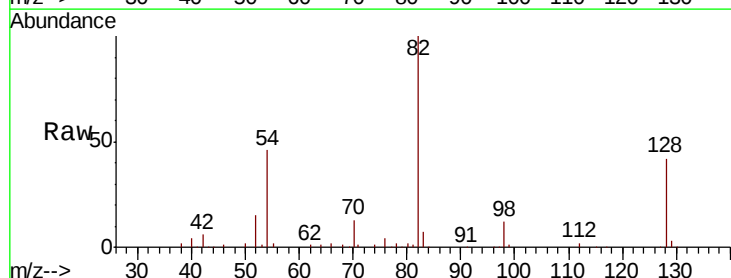
Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

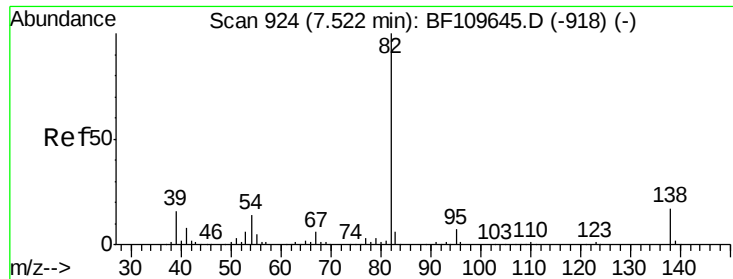
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.2	51.2
54	46.5	38.6	58.0



#24
 Nitrobenzene
 Concen: 0.082 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	0.0	10.7	16.1#





#25

Isophorone

Concen: 18.370 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

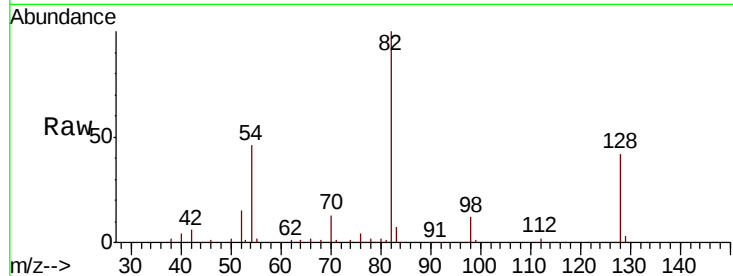
Tgt Ion: 82 Resp: 202557

Ion Ratio Lower Upper

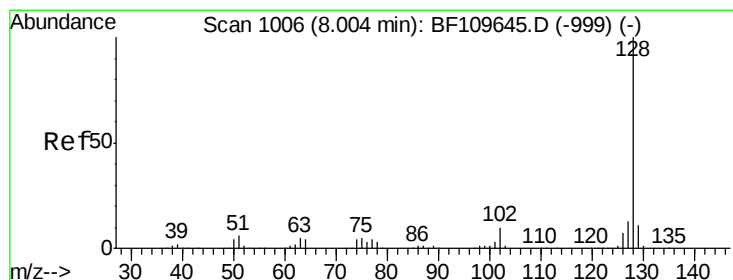
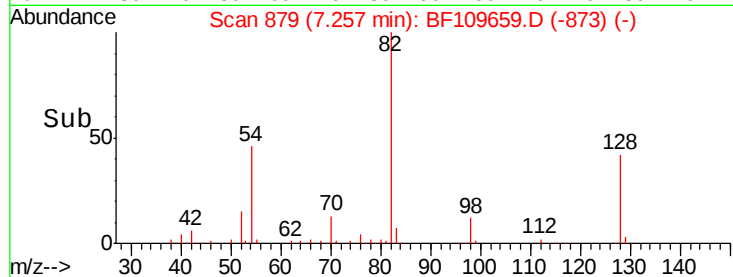
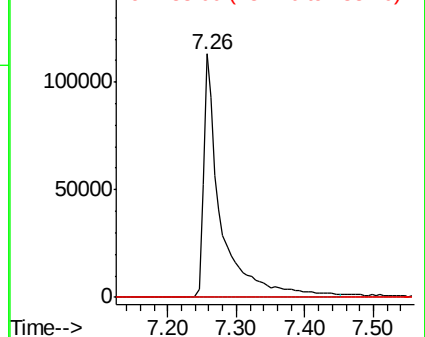
82 100

95 0.0 5.7 8.5#

138 0.0 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): E



#31

Naphthalene

Concen: 0.875 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

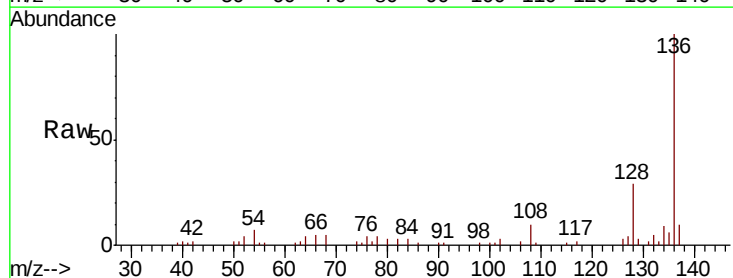
Tgt Ion: 128 Resp: 14817

Ion Ratio Lower Upper

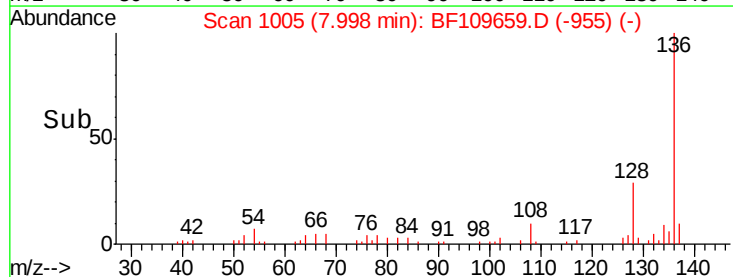
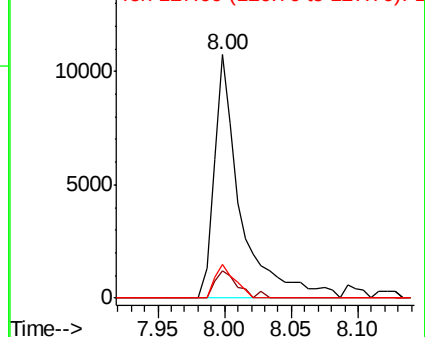
128 100

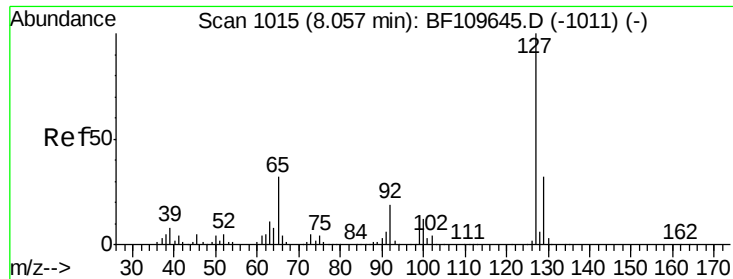
129 11.0 8.8 13.2

127 13.6 10.8 16.2



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

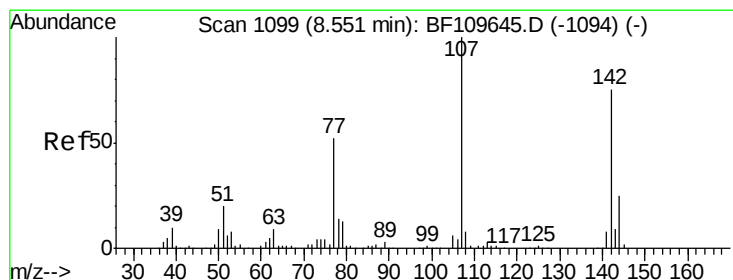
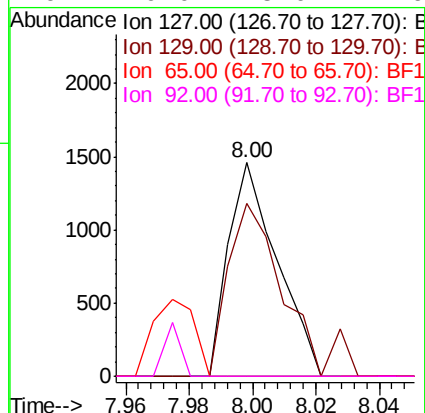
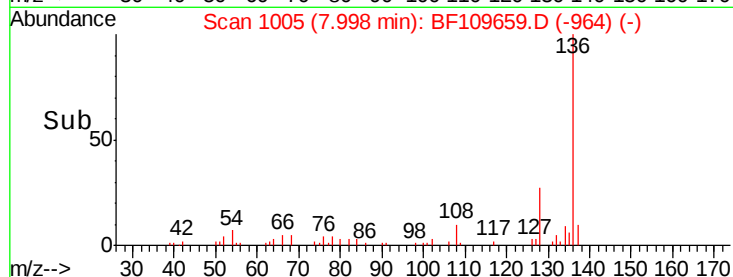
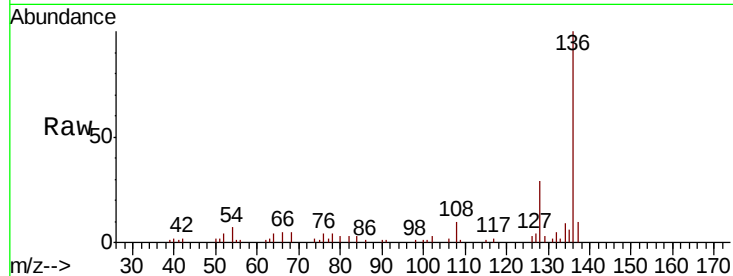




#33
4-Chloroaniline
Concen: 0.208 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

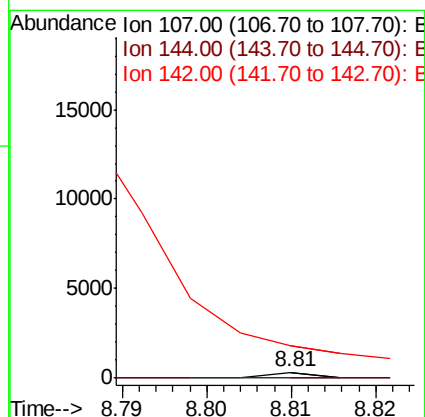
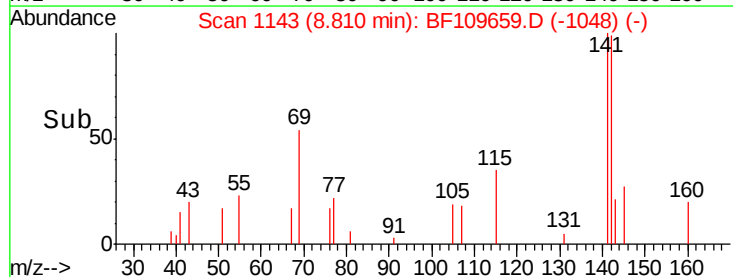
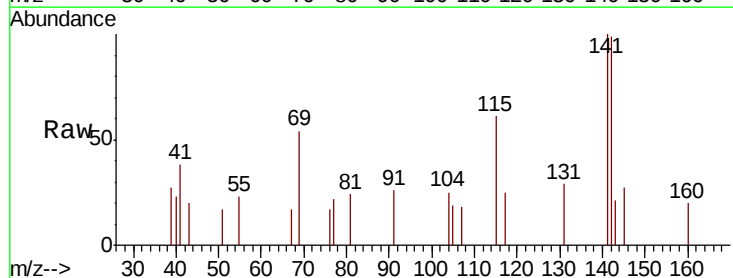
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

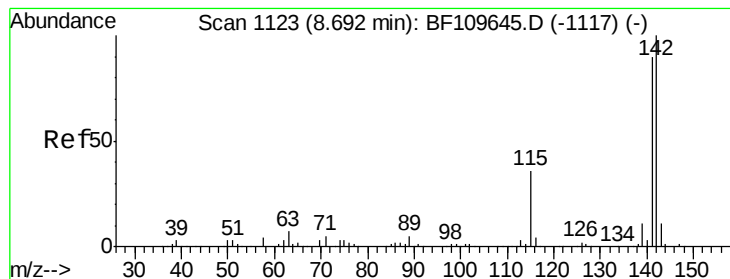
Tgt Ion:	127	Resp:	1547
Ion	Ratio	Lower	Upper
127	100		
129	80.8	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



#36
4-Chloro-3-methylphenol
Concen: 0.022 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.26 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:	107	Resp:	119
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	545.7	59.7	89.5#

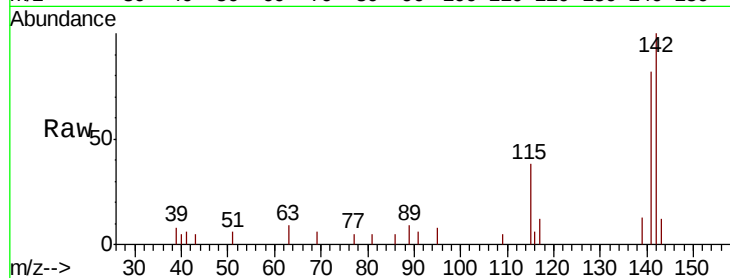




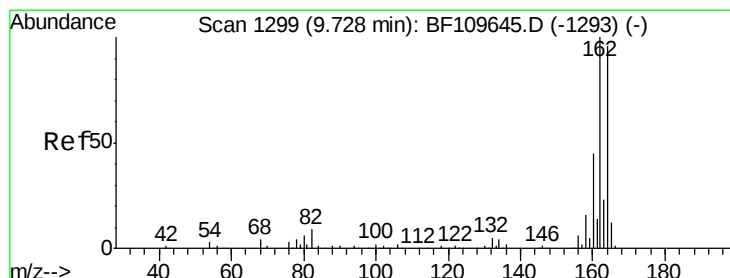
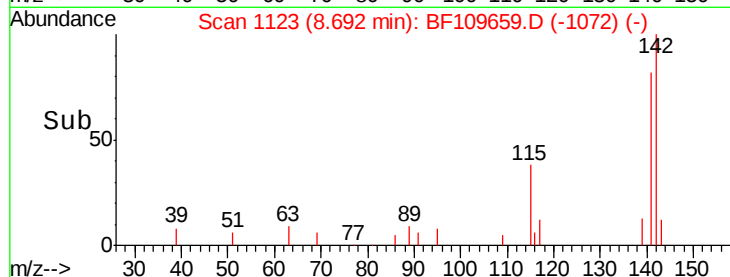
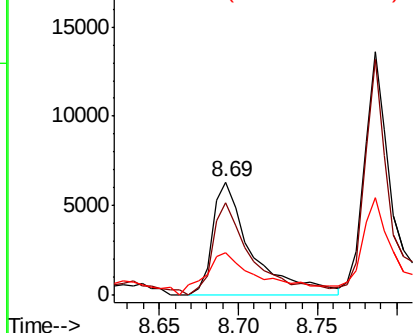
#37
 2-Methylnaphthalene
 Concen: 0.993 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

Tgt Ion:142 Resp: 11011
 Ion Ratio Lower Upper
 142 100
 141 82.2 71.4 107.2
 115 37.7 28.7 43.1

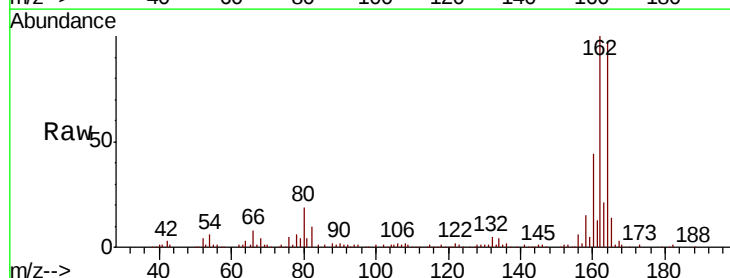


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

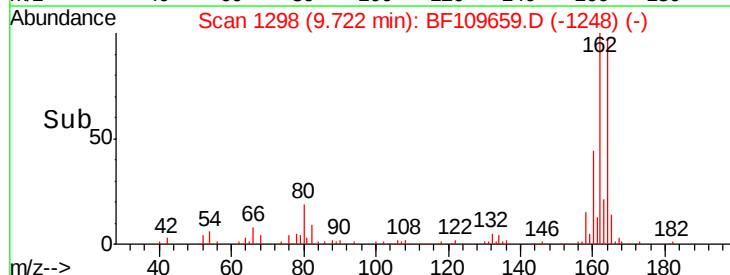
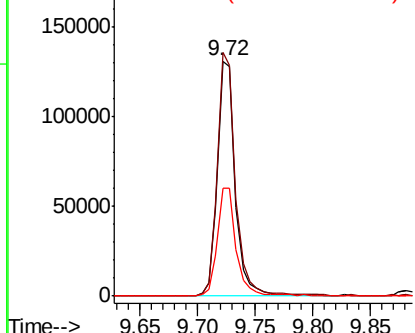


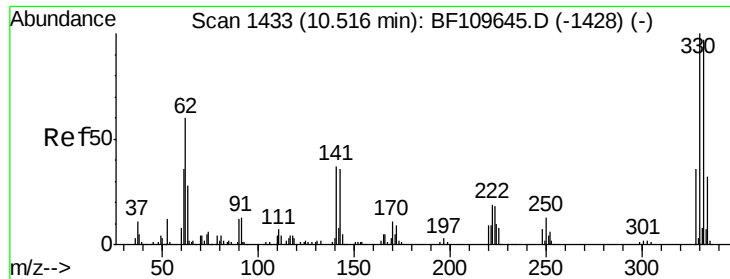
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion:164 Resp: 141566
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.0 124.6
 160 46.0 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

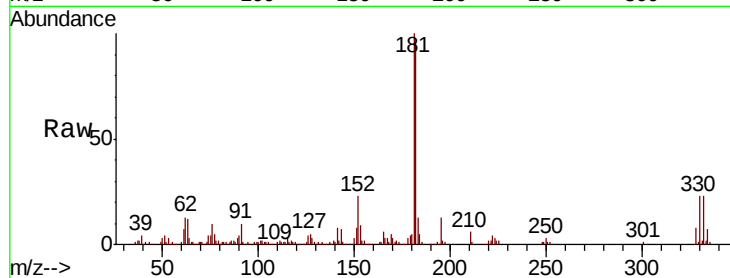




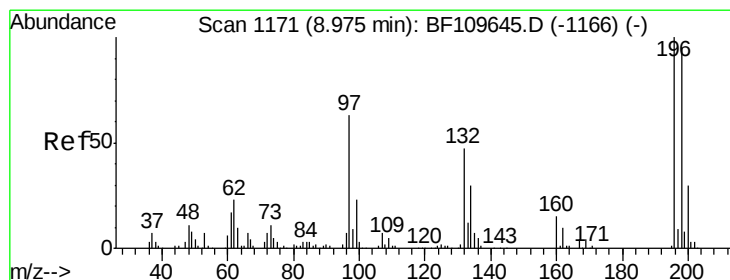
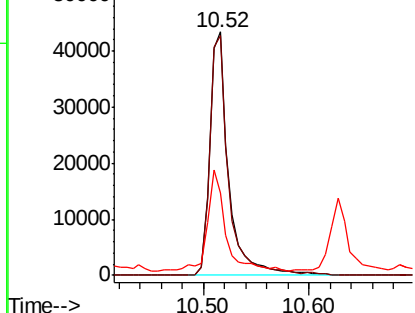
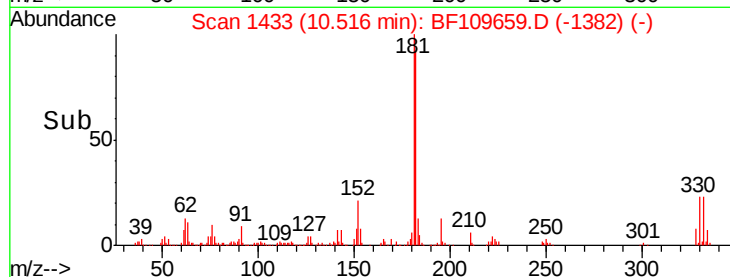
#41
 2,4,6-Tribromophenol
 Concen: 35.288 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

Tgt Ion:330 Resp: 54432
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 40.9 27.0 40.4#

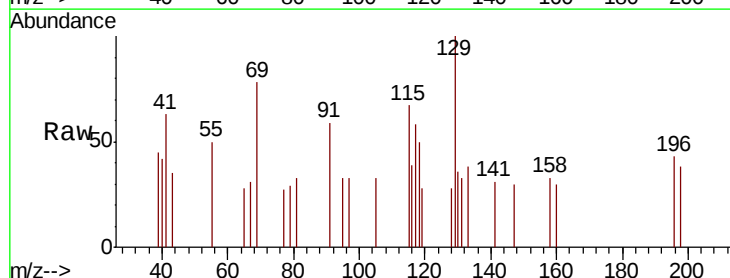


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

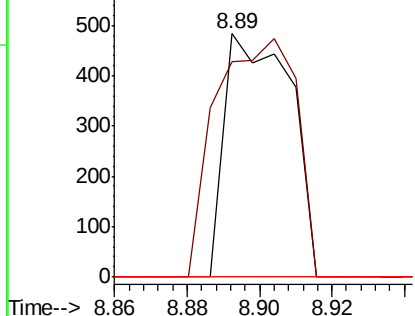
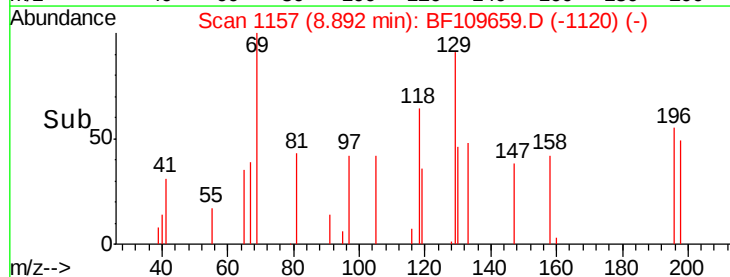


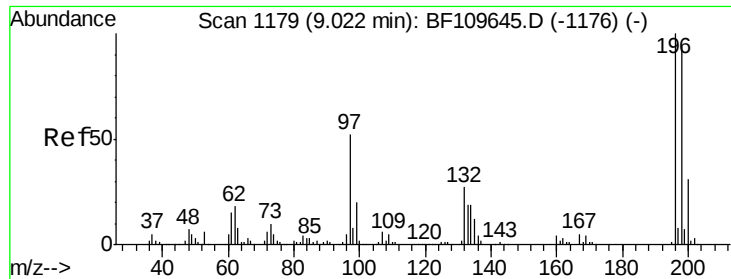
#42
 2,4,6-Trichlorophenol
 Concen: 0.212 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.08 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion:196 Resp: 611
 Ion Ratio Lower Upper
 196 100
 198 88.6 76.2 114.4
 200 0.0 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

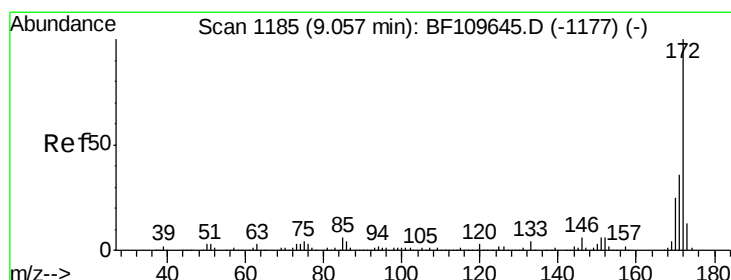
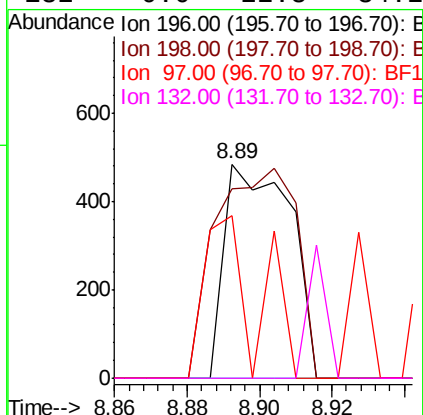
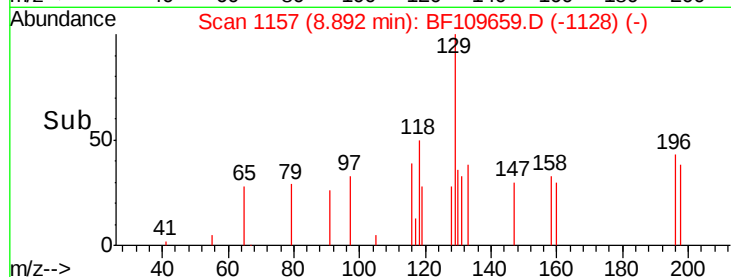
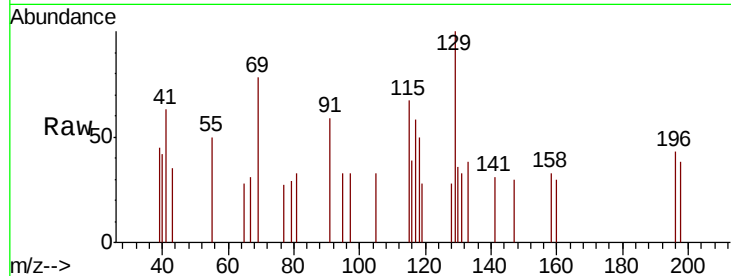




#43
 2,4,5-Trichlorophenol
 Concen: 0.184 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.13 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

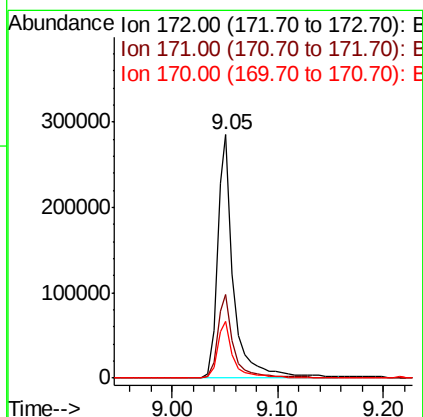
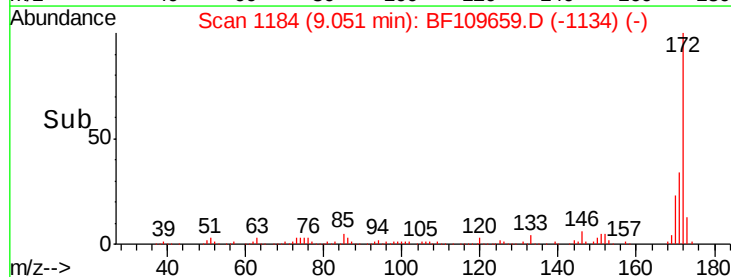
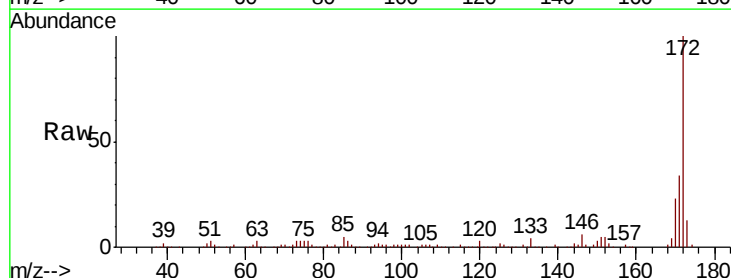
Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

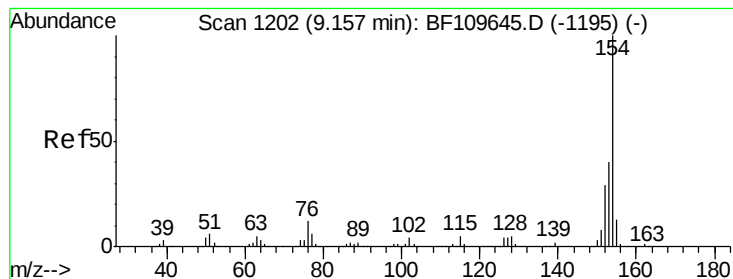
Tgt Ion:196 Resp: 611
 Ion Ratio Lower Upper
 196 100
 198 88.6 75.8 113.6
 97 75.8 42.4 63.6#
 132 0.0 22.8 34.2#



#44
 2-Fluorobiphenyl
 Concen: 29.856 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion:172 Resp: 306889
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 43.0
 170 23.4 19.7 29.5





#45

1,1'-Biphenyl

Concen: 0.196 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

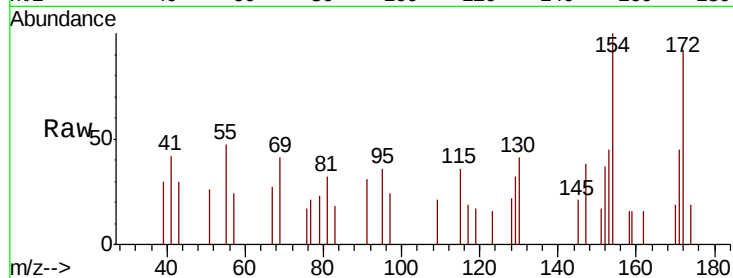
Tgt Ion:154 Resp: 2473

Ion Ratio Lower Upper

154 100

153 45.4 20.4 60.4

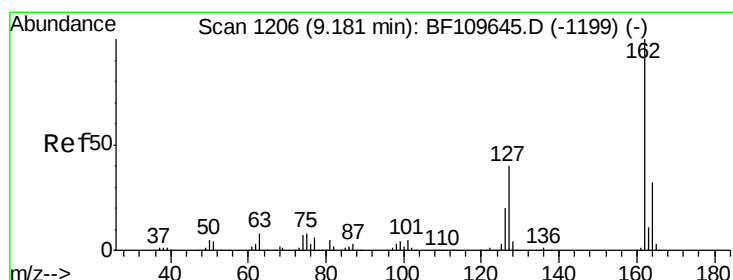
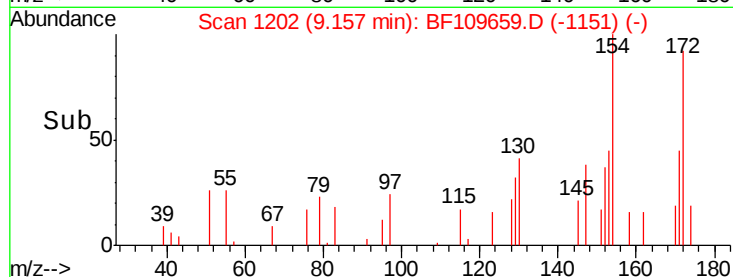
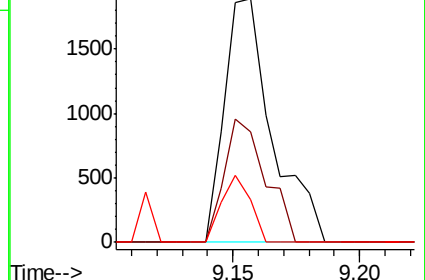
76 17.5 0.0 31.9



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: 0.112 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.04 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

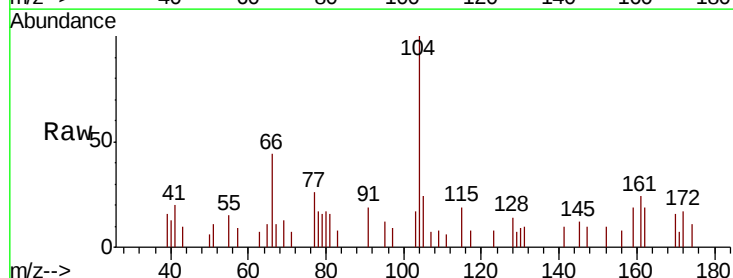
Tgt Ion:162 Resp: 1062

Ion Ratio Lower Upper

162 100

127 0.0 32.6 48.8#

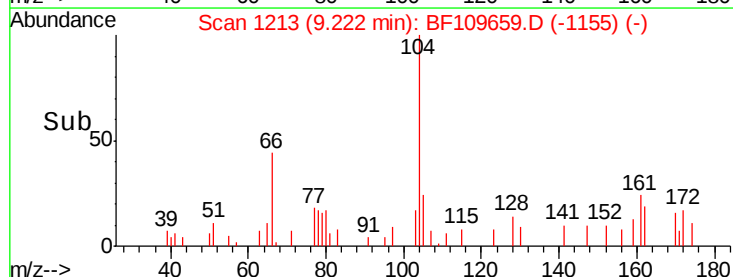
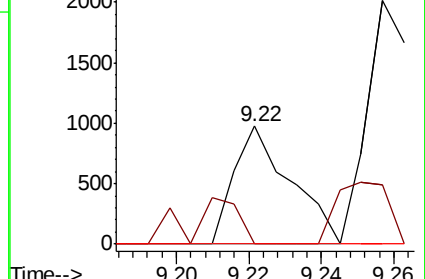
164 0.0 25.9 38.9#

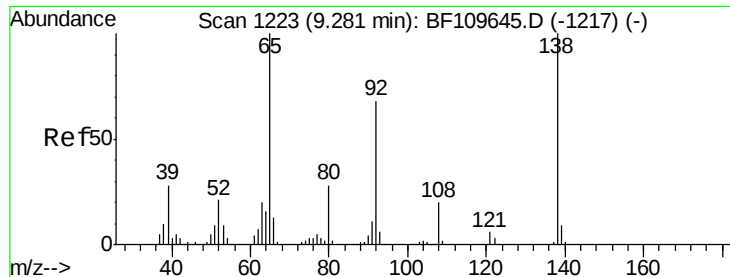


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

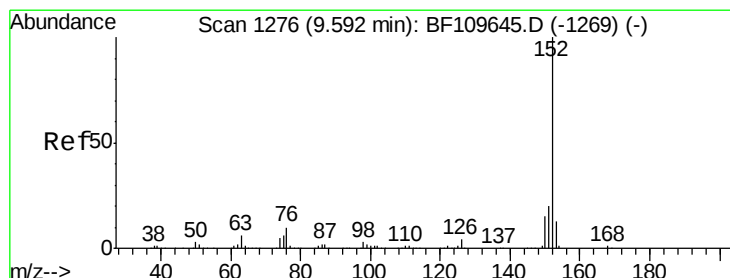
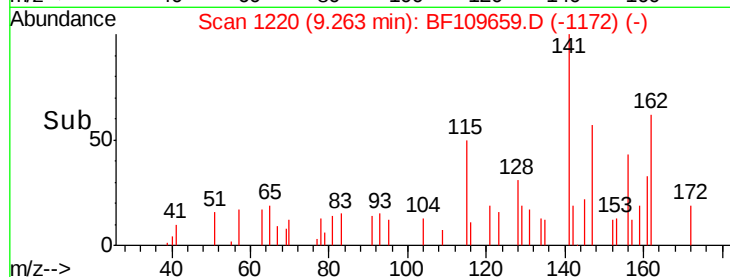
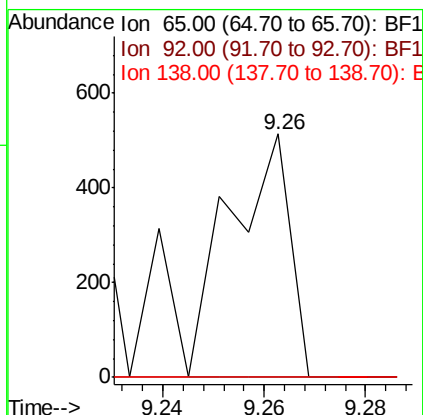
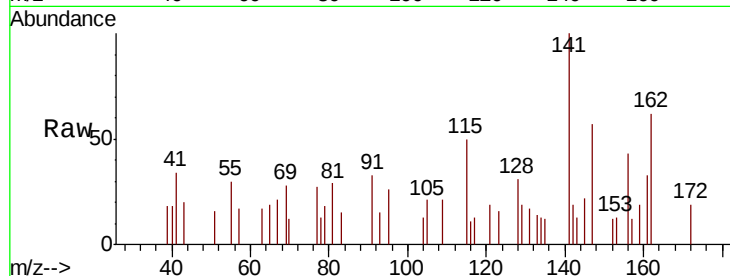




#47
2-Nitroaniline
Concen: 0.148 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

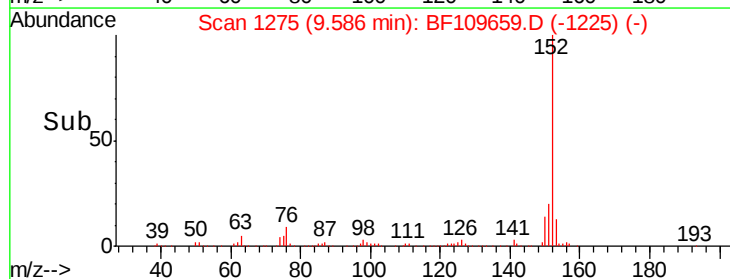
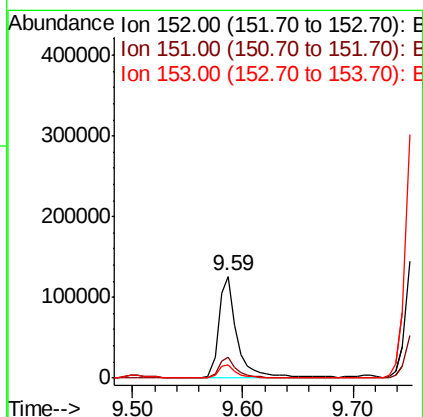
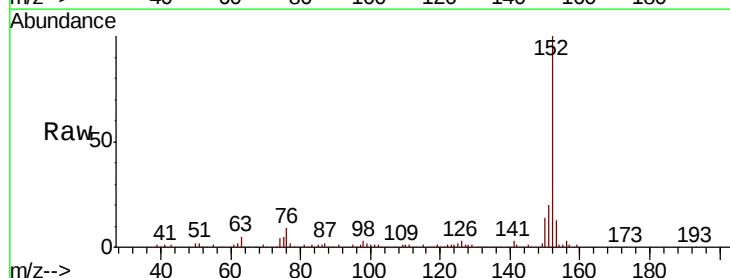
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

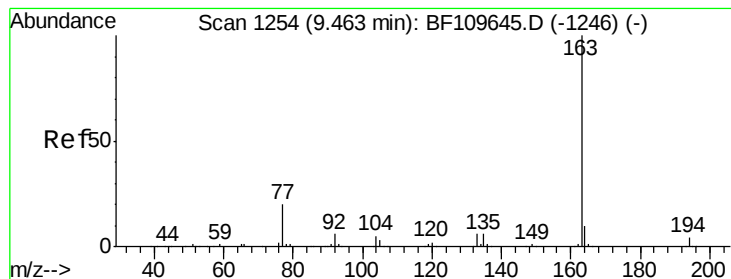
Tgt Ion: 65 Resp: 424
Ion Ratio Lower Upper
65 100
92 0.0 54.6 81.8#
138 0.0 80.3 120.5#



#48
Acenaphthylene
Concen: 10.503 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion: 152 Resp: 145076
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.4 15.6





#49

Dimethylphthalate

Concen: 1.748 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

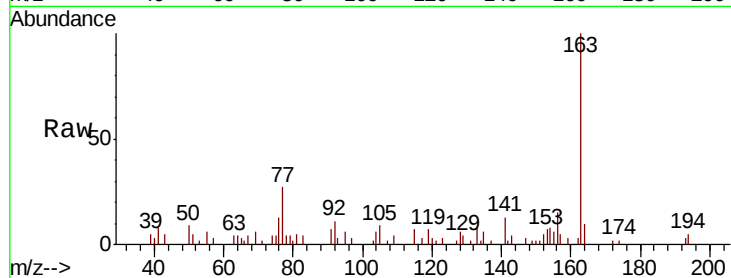
Tgt Ion:163 Resp: 18150

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

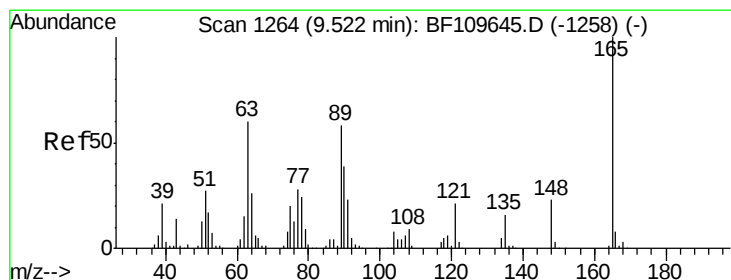
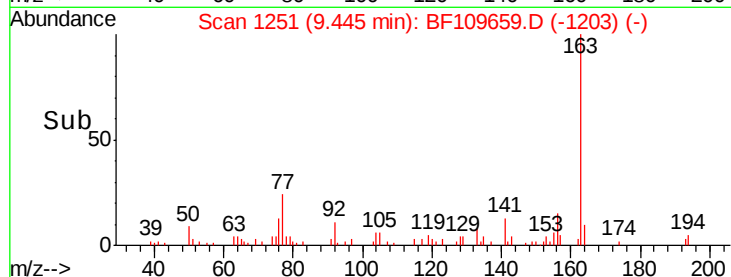
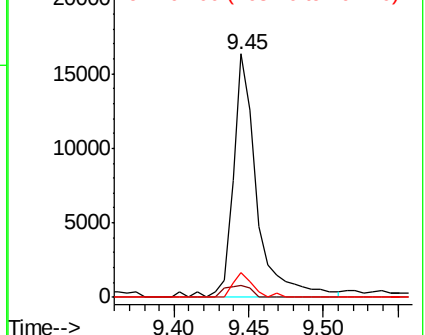
164 10.0 8.1 12.1



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: 11.117 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

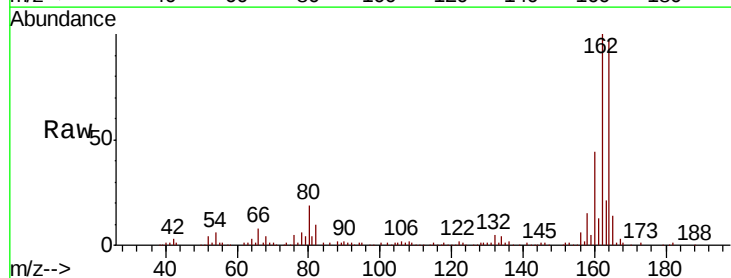
Tgt Ion:165 Resp: 25019

Ion Ratio Lower Upper

165 100

63 3.9 48.9 73.3#

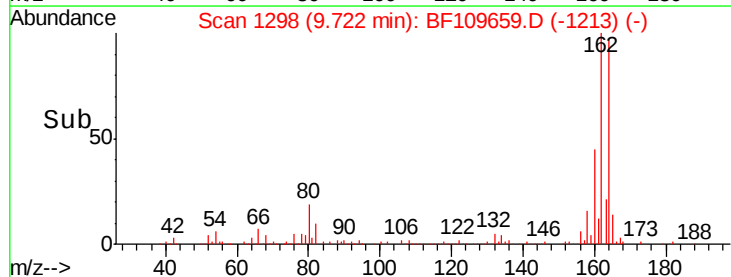
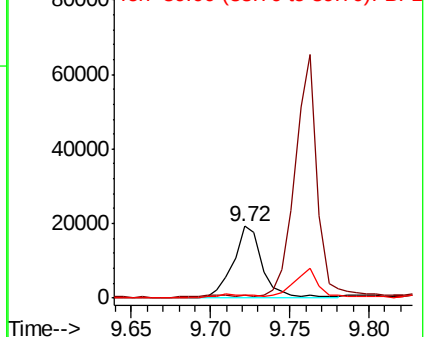
89 4.4 46.6 69.8#

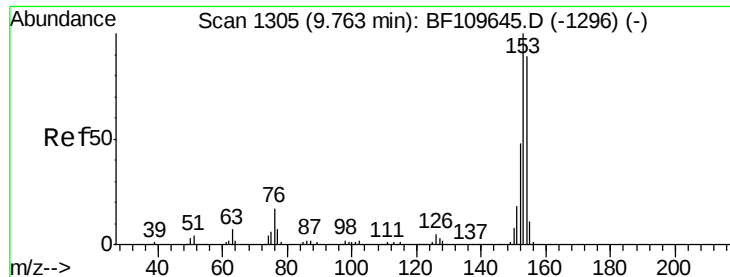


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 100.079 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

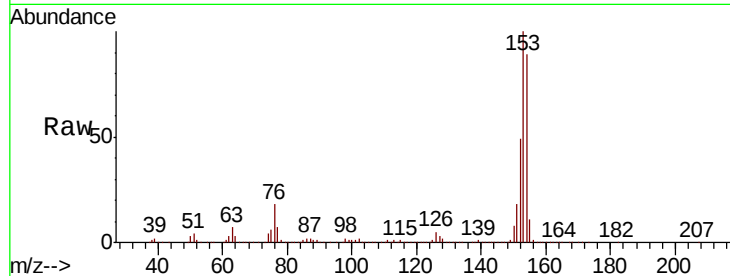
Tgt Ion:154 Resp: 819488

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

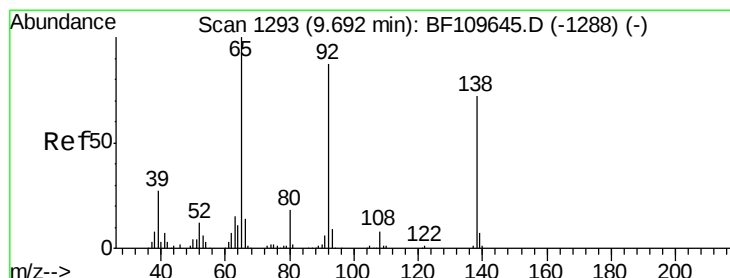
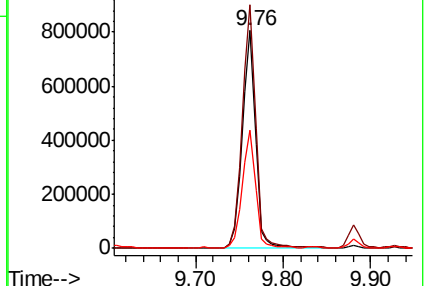
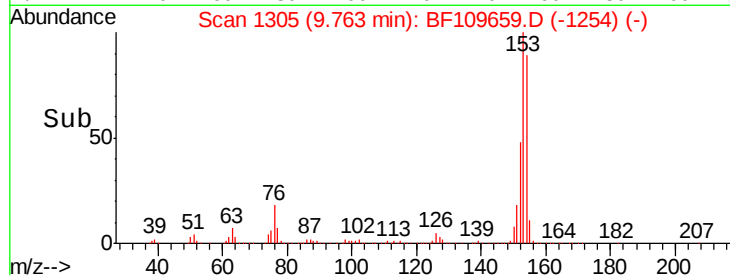
152 54.2 43.4 65.2



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: 0.383 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.07 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

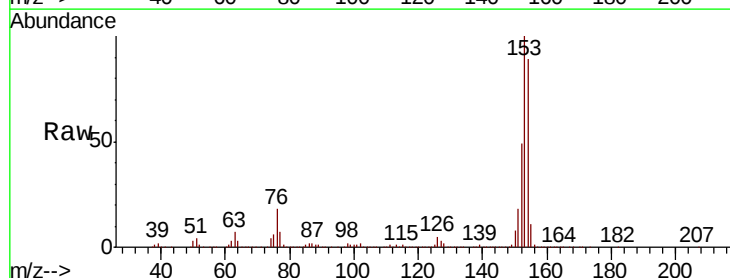
Tgt Ion:138 Resp: 966

Ion Ratio Lower Upper

138 100

108 0.0 8.7 13.1#

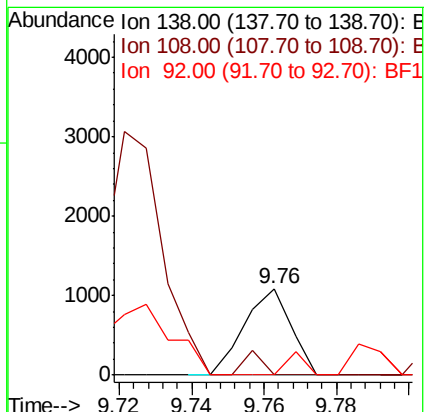
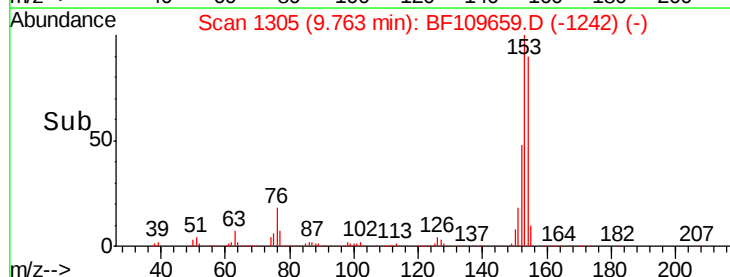
92 0.0 97.0 145.4#

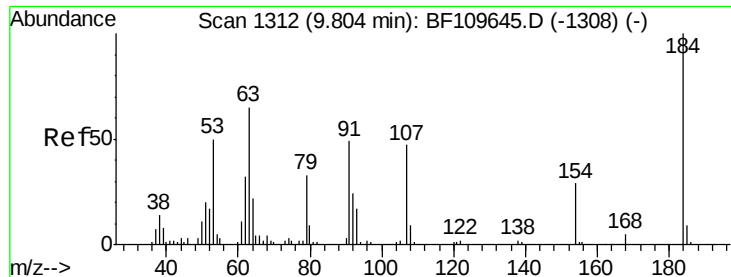


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

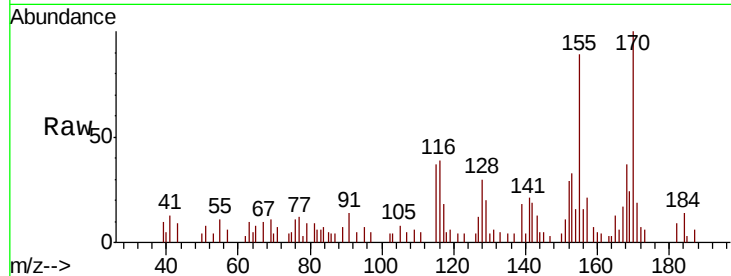




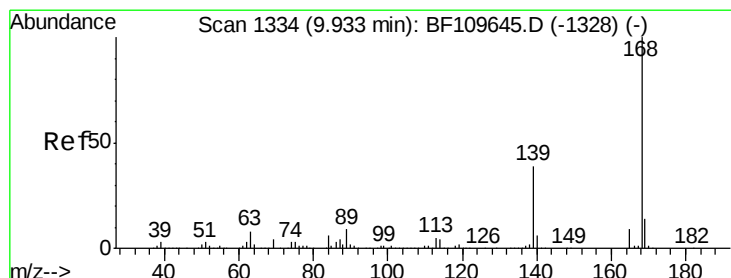
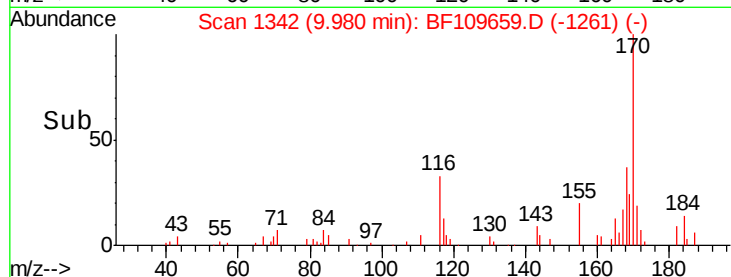
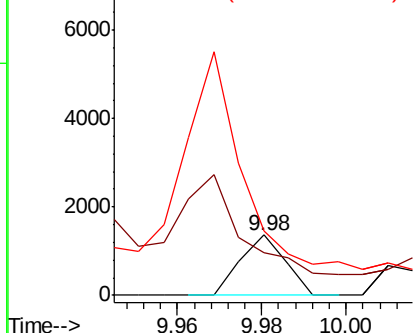
#53
 2,4-Dinitrophenol
 Concen: 1.370 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.18 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	55.8	83.6
154	107.7	63.2	94.8#

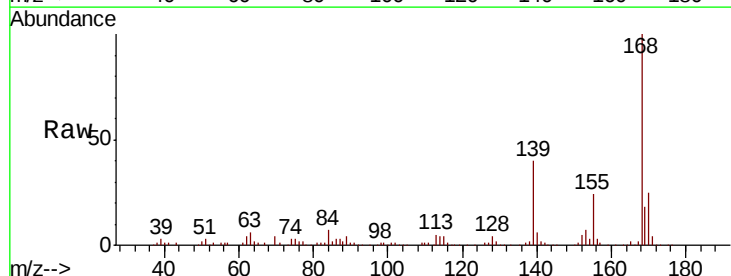


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

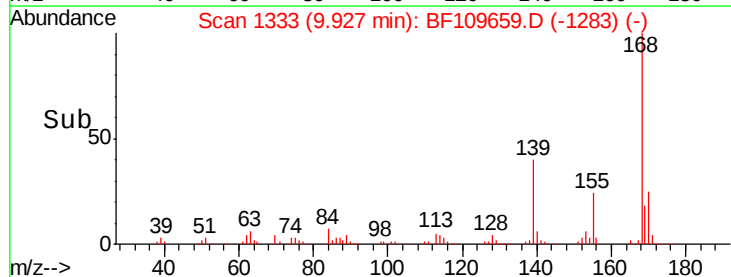
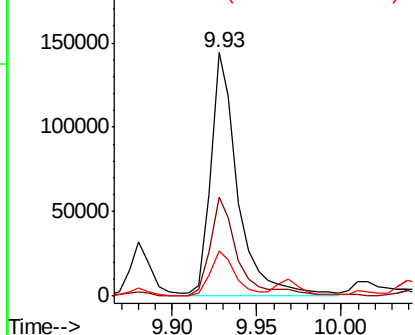


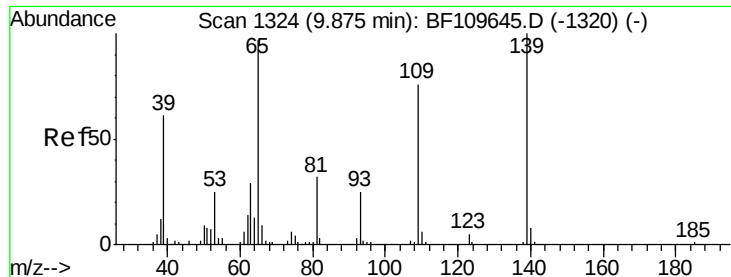
#54
 Dibenzofuran
 Concen: 13.196 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	18.4	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

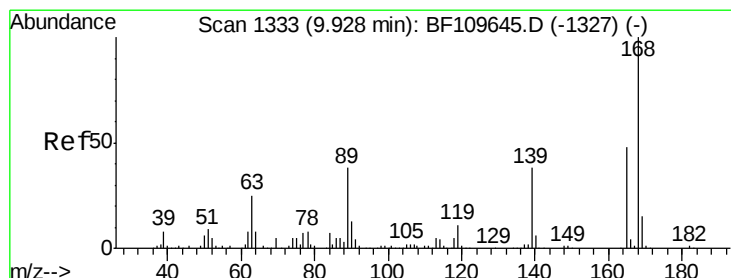
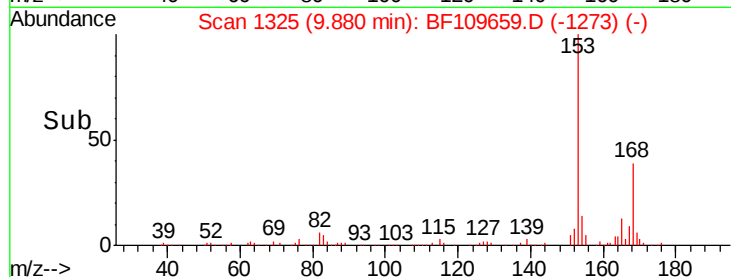
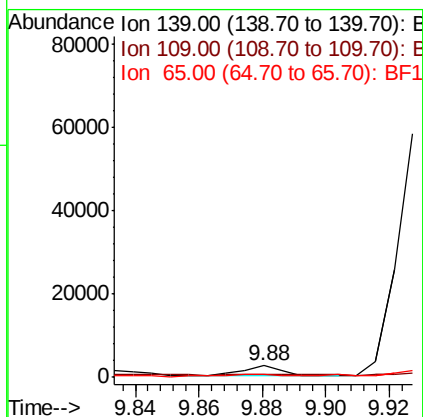
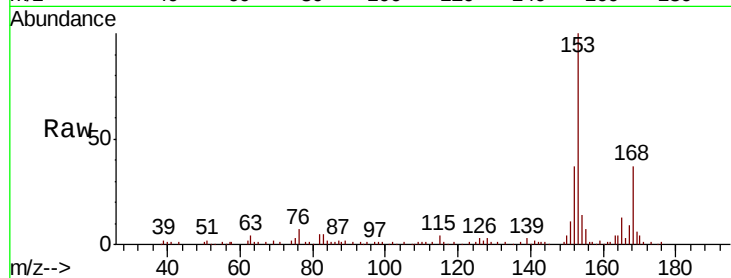




#55
4-Nitrophenol
Concen: 1.574 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

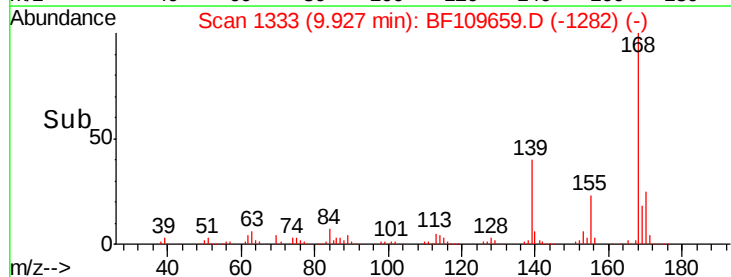
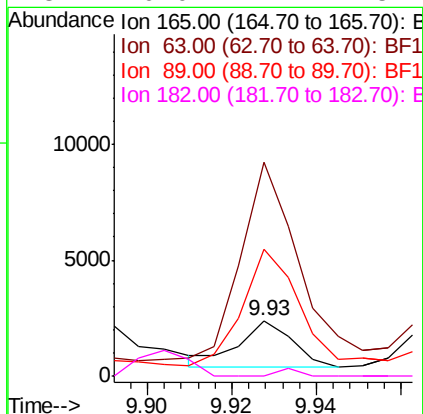
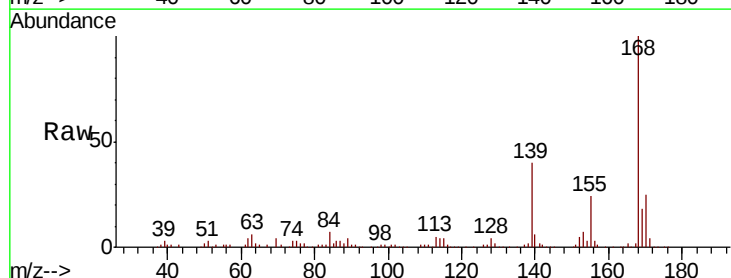
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

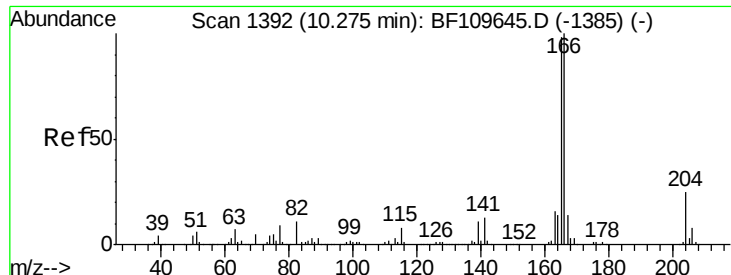
Tgt Ion:139 Resp: 2174
Ion Ratio Lower Upper
139 100
109 24.7 55.8 95.8#
65 23.6 77.9 117.9#



#56
2,4-Dinitrotoluene
Concen: 0.639 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:165 Resp: 1796
Ion Ratio Lower Upper
165 100
63 386.4 44.8 67.2#
89 229.2 62.2 93.4#
182 0.0 2.1 3.1#

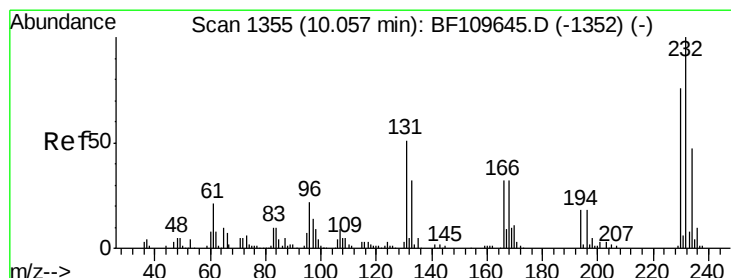
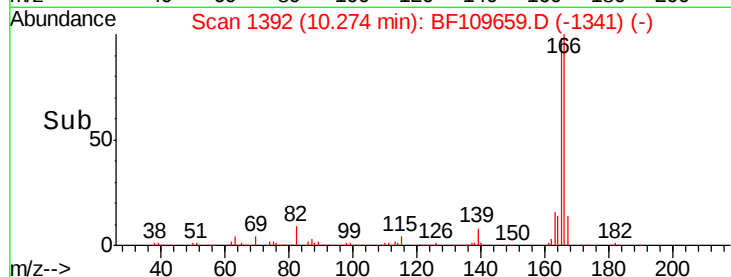
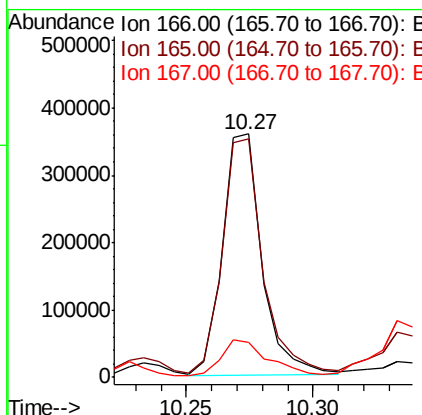
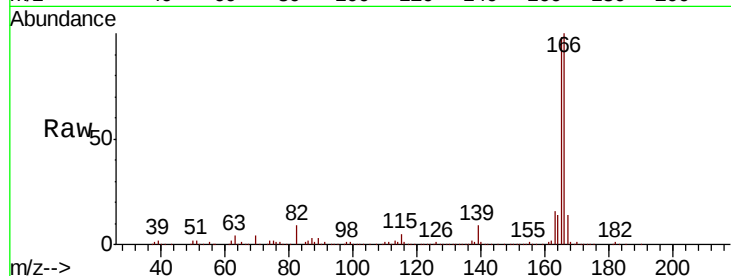




#57
 Fluorene
 Concen: 42.194 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

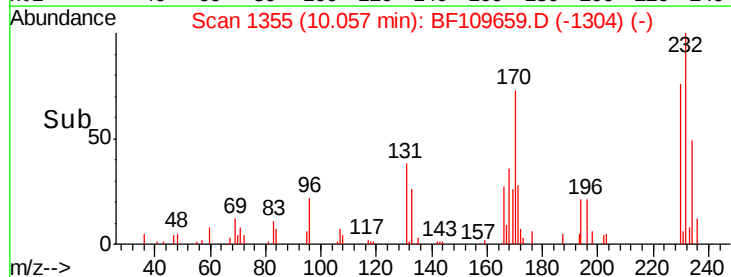
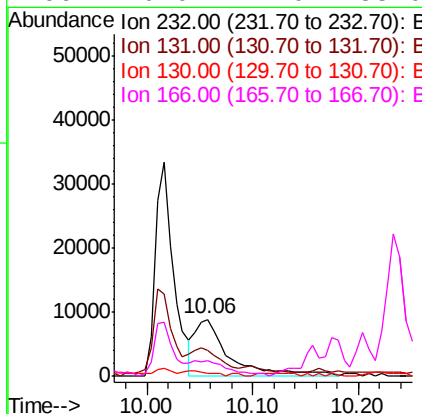
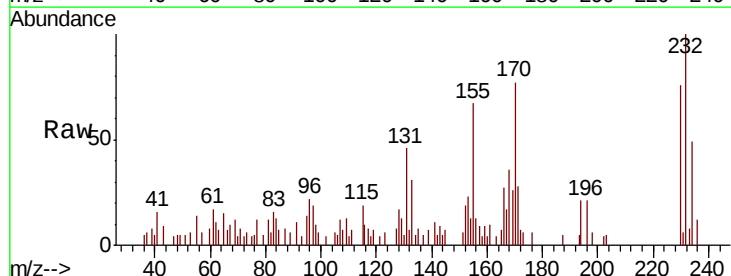
Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

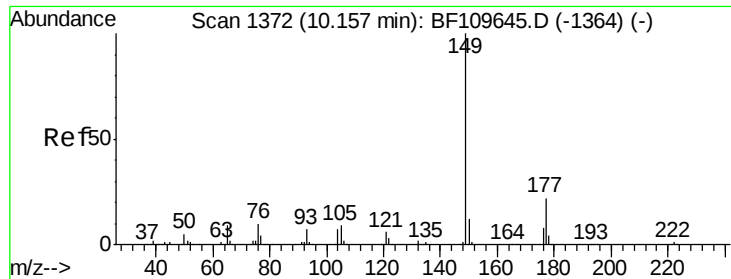
Tgt Ion:166 Resp: 386761
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.6 117.8
 167 14.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.373 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion:232 Resp: 19853
 Ion Ratio Lower Upper
 232 100
 131 25.0 37.0 55.4#
 130 7.3 1.8 2.6#
 166 0.0 22.0 33.0#

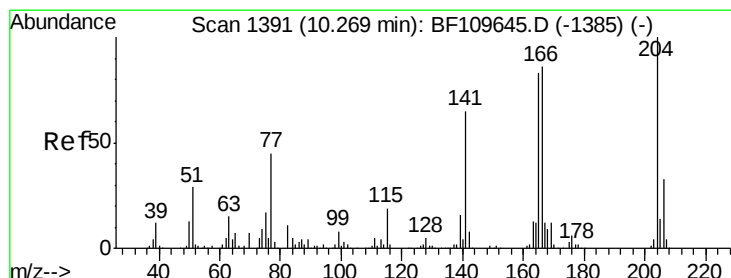
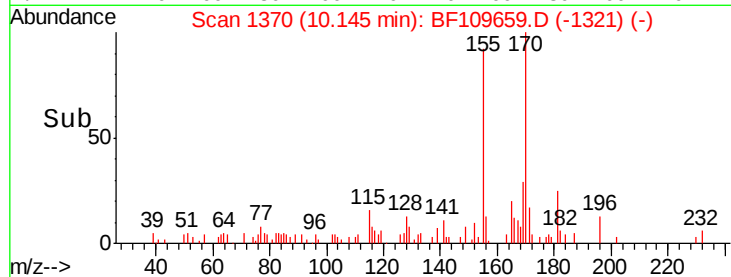
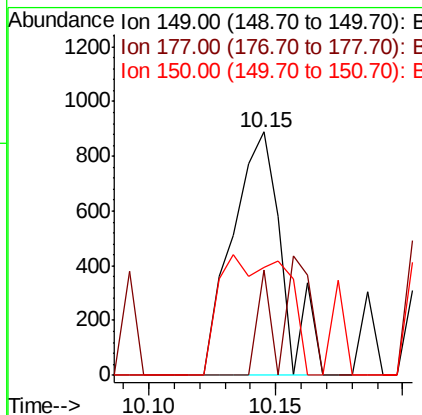
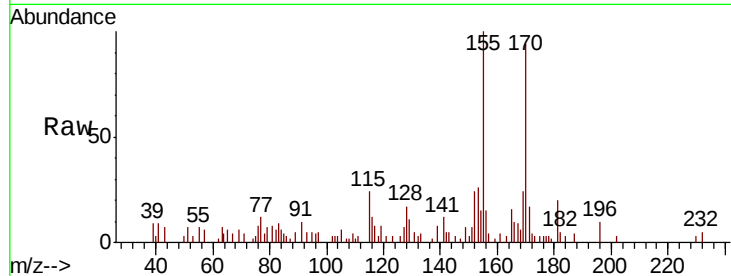




#59
Diethylphthalate
Concen: 0.118 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

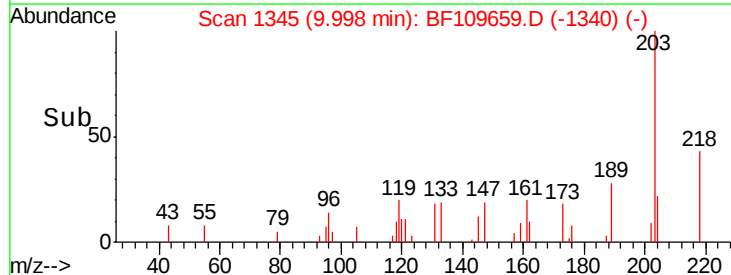
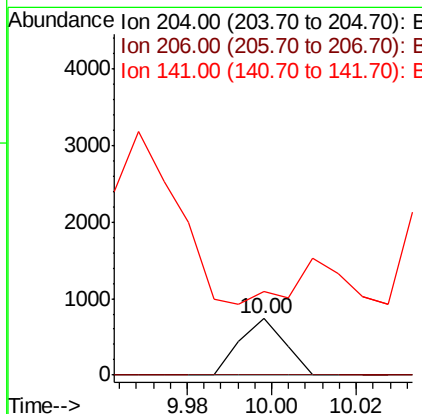
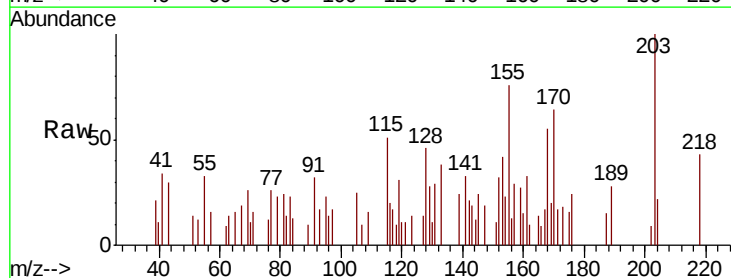
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

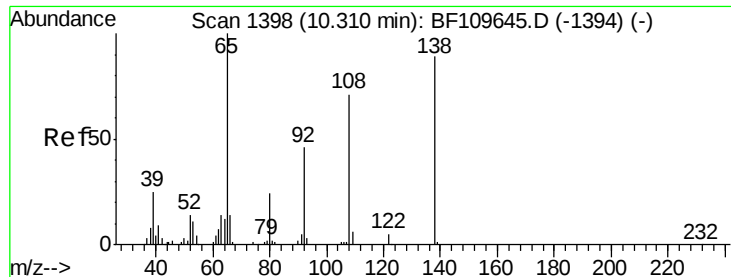
Tgt Ion:149 Resp: 1217
Ion Ratio Lower Upper
149 100
177 43.5 17.4 26.2#
150 44.2 9.8 14.8#



#60
4-Chlorophenyl-phenylether
Concen: 0.114 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.27 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:204 Resp: 549
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 147.4 51.8 77.8#





#61

4-Nitroaniline

Concen: 1.947 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.04 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

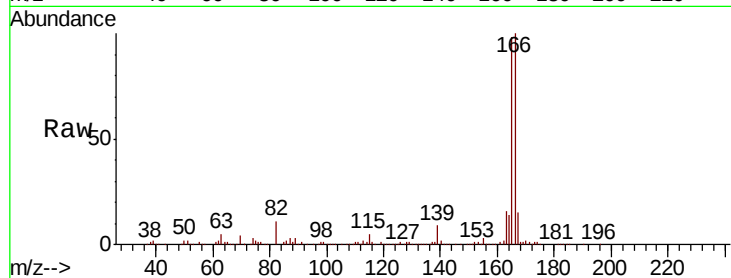
Tgt Ion:138 Resp: 4549

Ion Ratio Lower Upper

138 100

92 0.0 31.7 71.7#

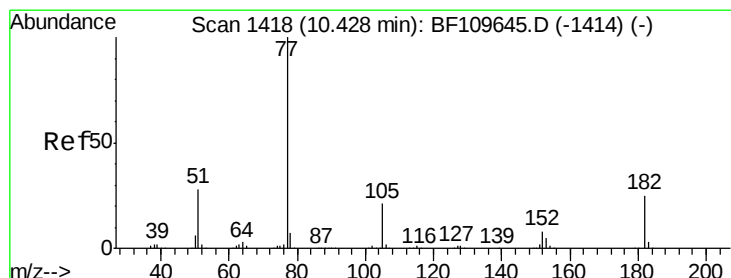
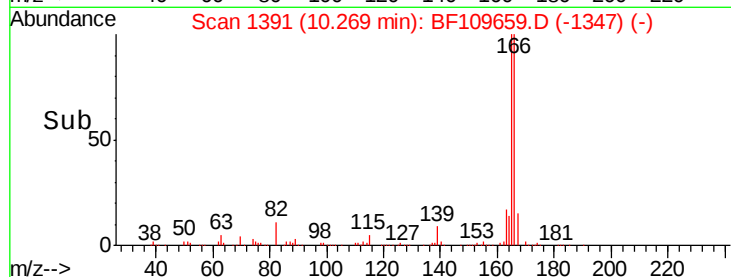
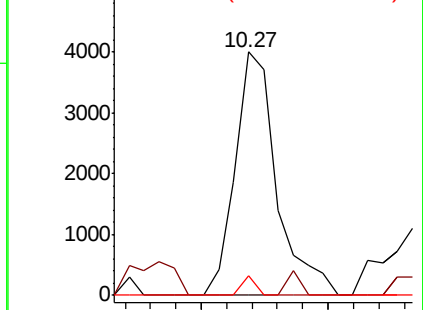
108 8.2 59.3 99.3#



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: 0.782 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Tgt Ion: 77 Resp: 8170

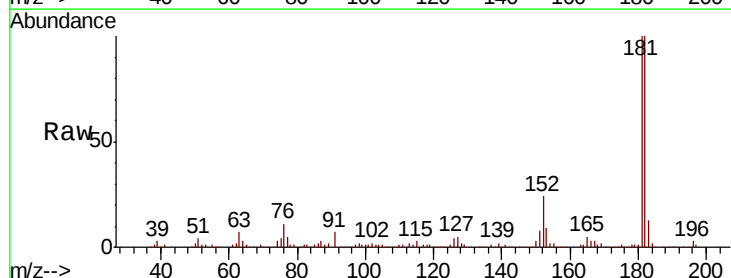
Ion Ratio Lower Upper

77 100

182 2152.8 4.3 44.3#

105 21.5 1.3 41.3

51 89.8 9.0 49.0#

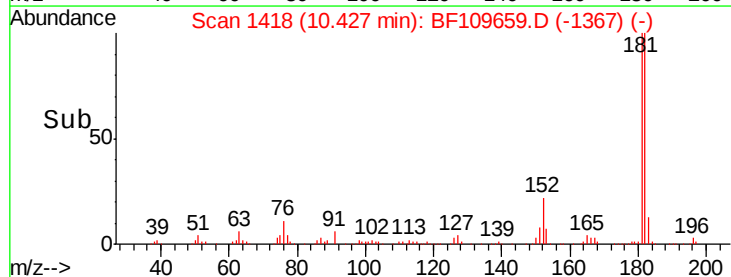
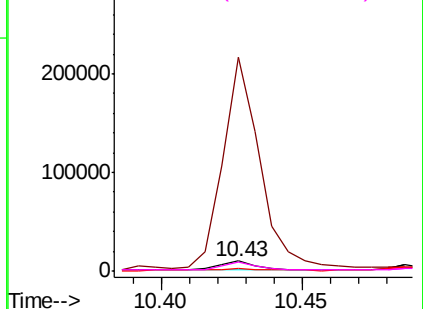


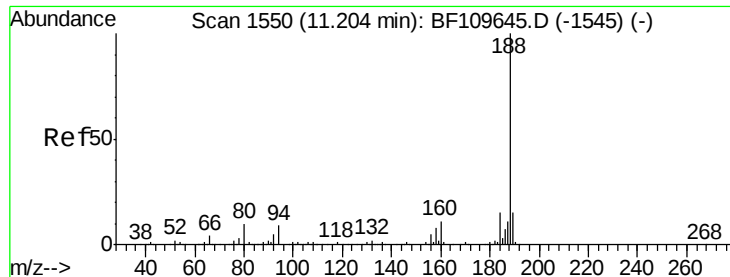
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

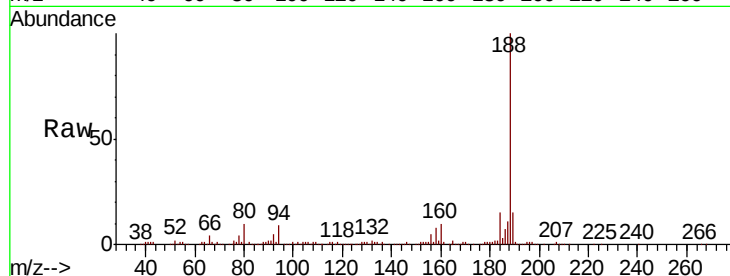
Tgt Ion:188 Resp: 231612

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

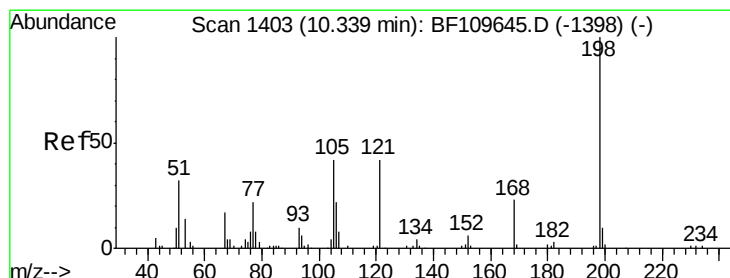
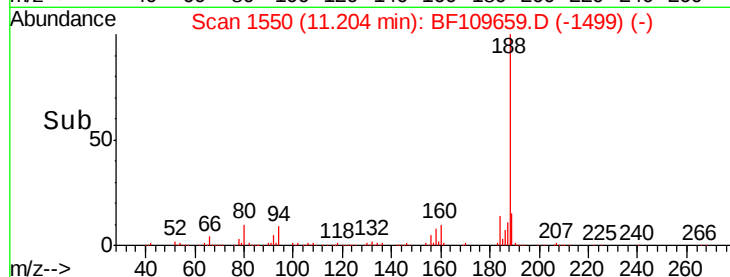
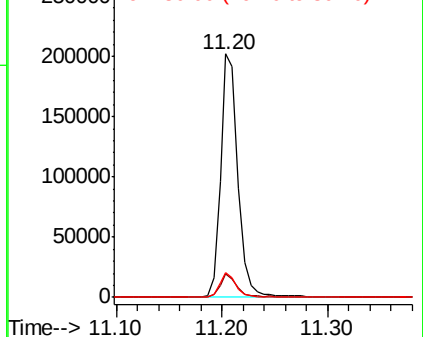
80 10.1 7.9 11.9



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: 0.099 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.10 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

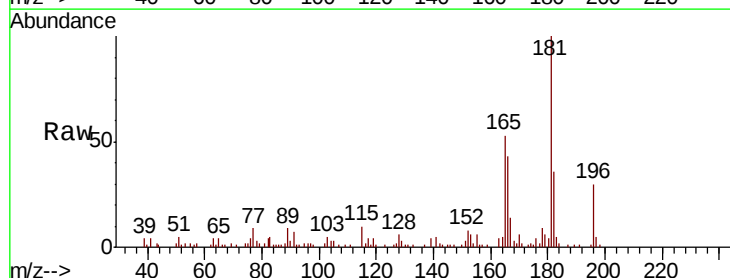
Tgt Ion:198 Resp: 112

Ion Ratio Lower Upper

198 100

51 628.6 22.8 62.8#

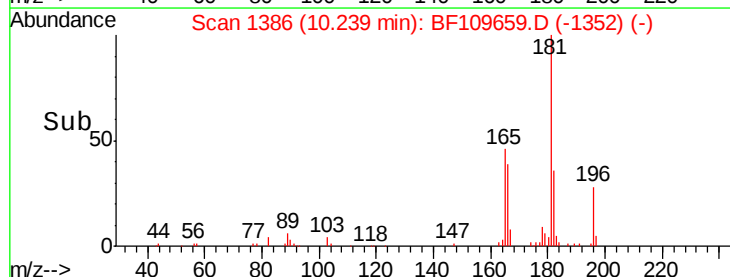
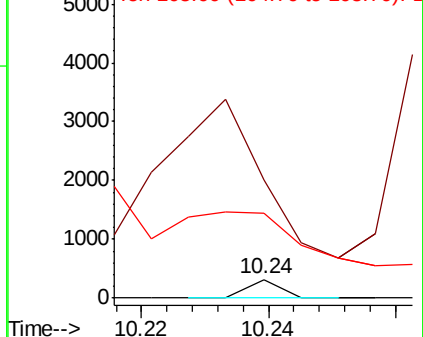
105 456.9 23.6 63.6#

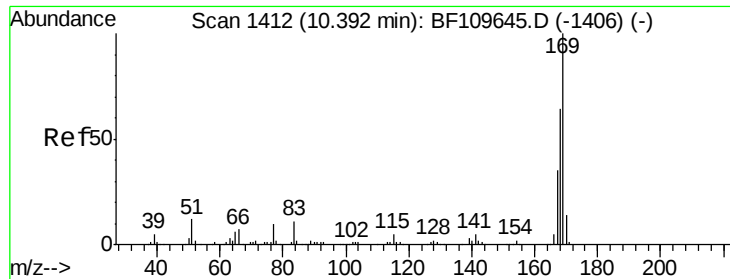


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

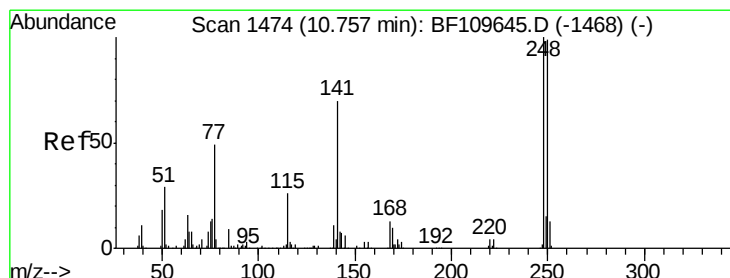
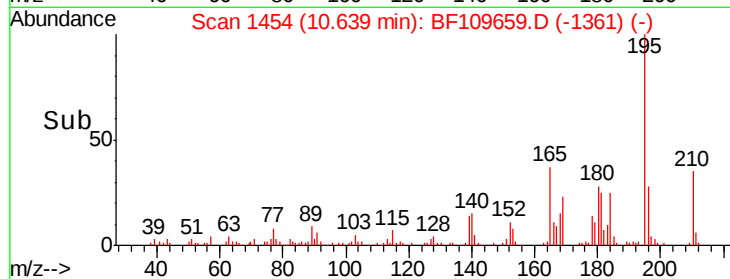
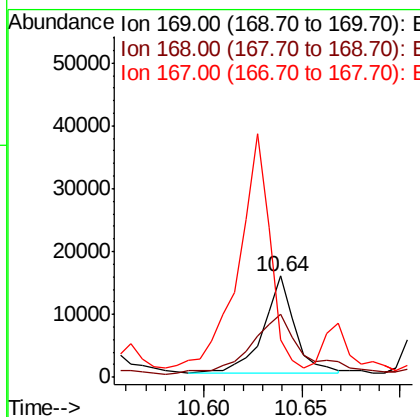
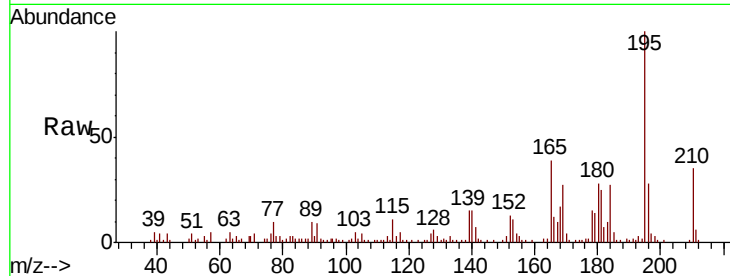




#65
 n-Nitrosodiphenylamine
 Concen: 2.135 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.25 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

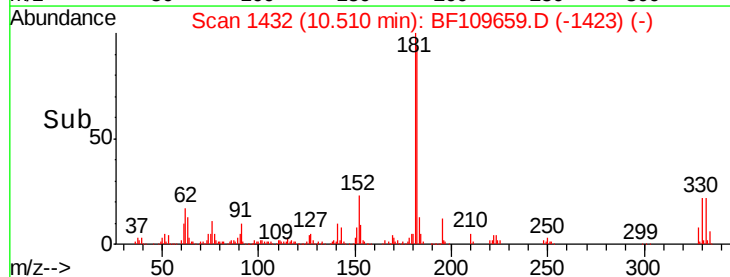
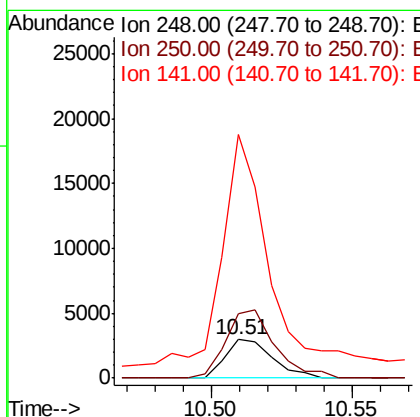
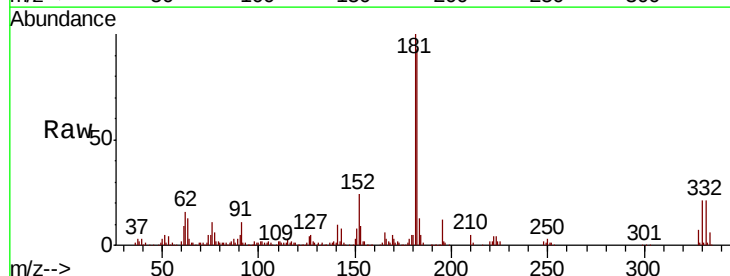
Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

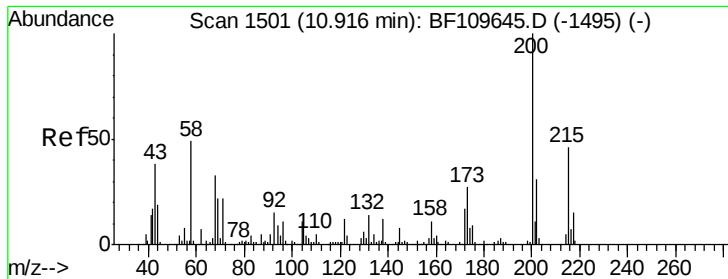
Tgt Ion:169 Resp: 16766
 Ion Ratio Lower Upper
 169 100
 168 61.9 51.2 76.8
 167 37.2 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 1.289 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion:248 Resp: 3430
 Ion Ratio Lower Upper
 248 100
 250 168.0 79.4 119.2#
 141 634.1 55.9 83.9#

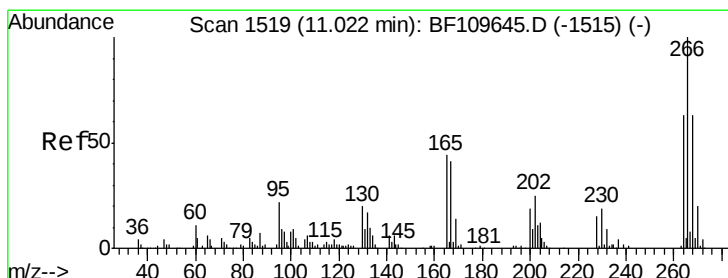
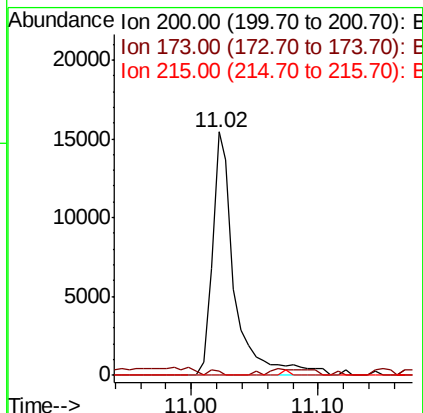
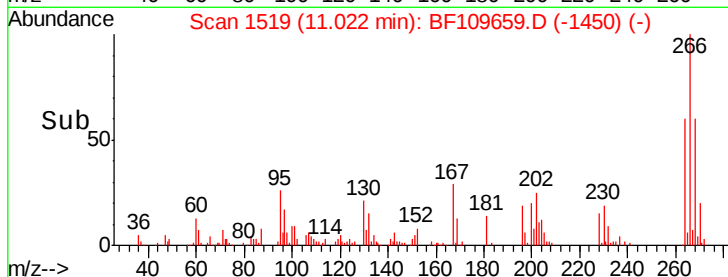
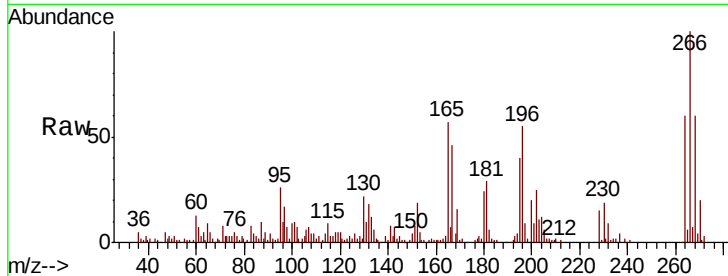




#68
Atrazine
Concen: 7.696 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.11 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

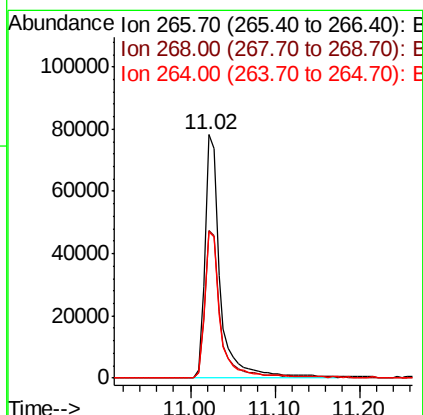
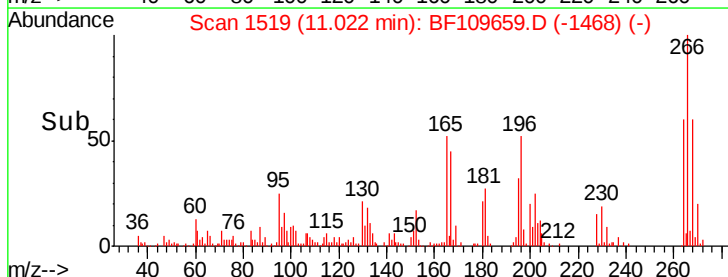
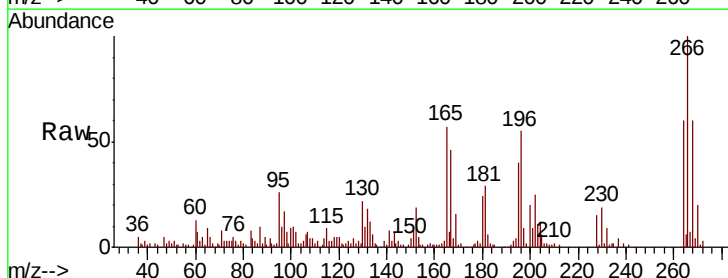
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

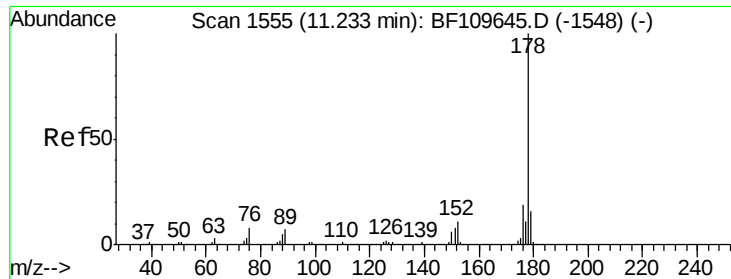
Tgt Ion:200 Resp: 18858
Ion Ratio Lower Upper
200 100
173 2.0 6.6 46.6#
215 0.0 26.3 66.3#



#69
Pentachlorophenol
Concen: 61.026 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:266 Resp: 98957
Ion Ratio Lower Upper
266 100
268 60.4 50.6 75.8
264 60.1 50.6 75.8





#70

Phenanthrene

Concen: 129.865 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

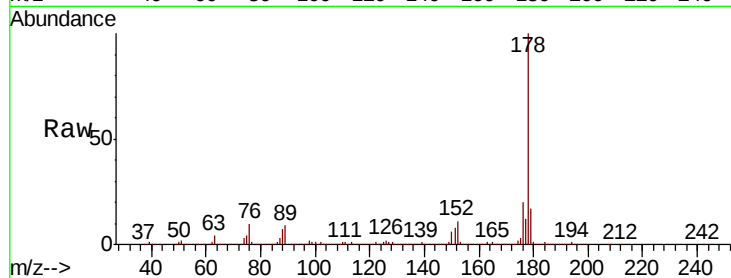
Tgt Ion:178 Resp: 1505239

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

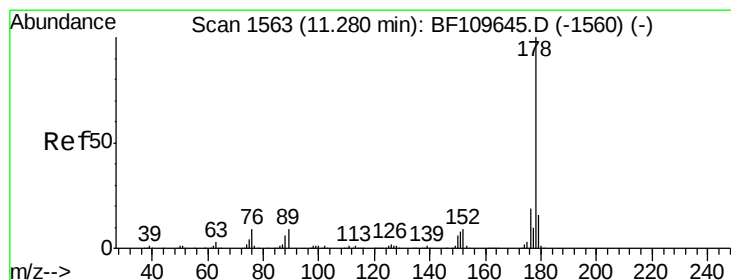
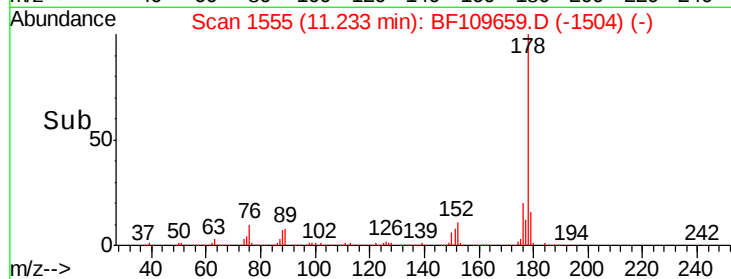
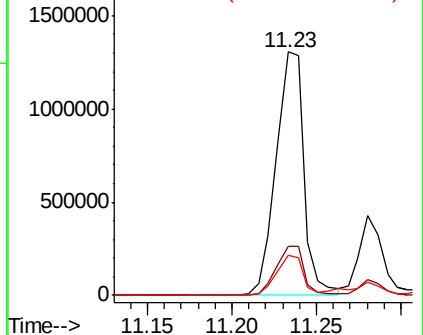
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 30.520 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

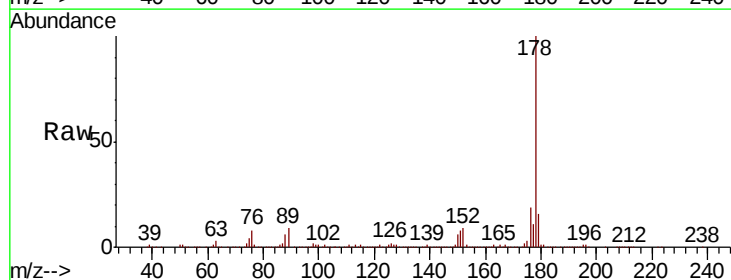
Tgt Ion:178 Resp: 365676

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

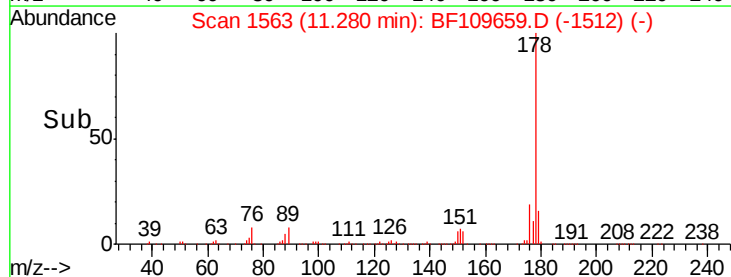
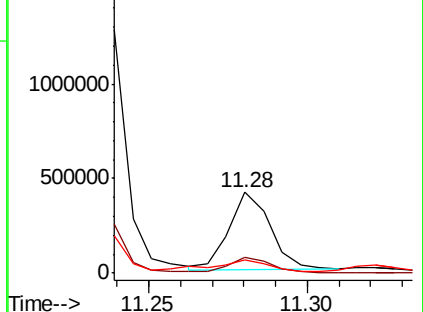
179 16.3 12.6 18.8

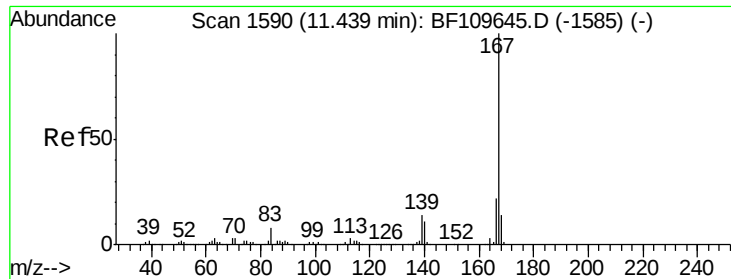


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.986 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

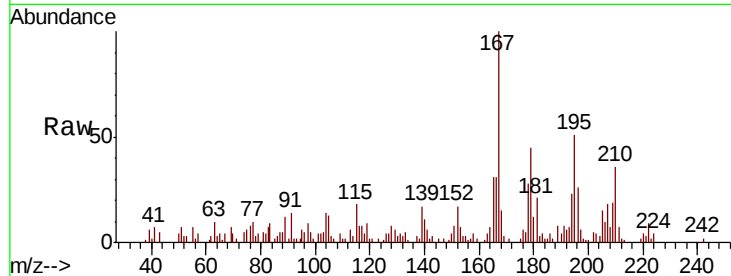
Tgt Ion:167 Resp: 34699

Ion Ratio Lower Upper

167 100

166 31.3 17.4 26.0#

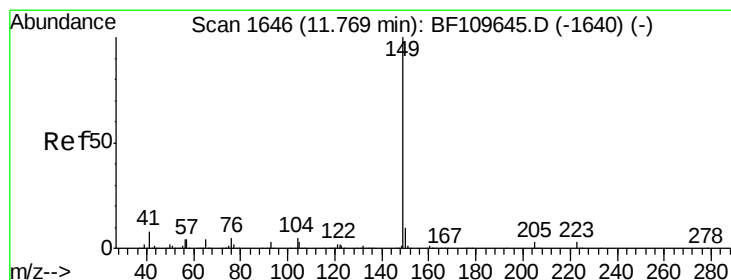
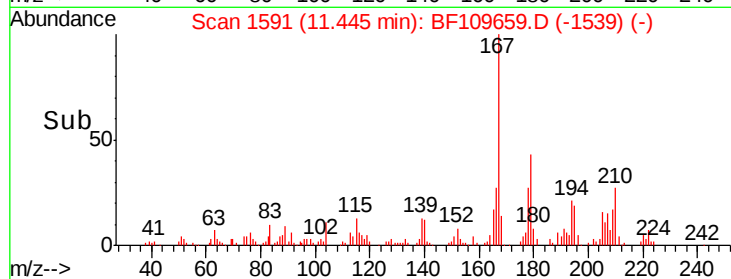
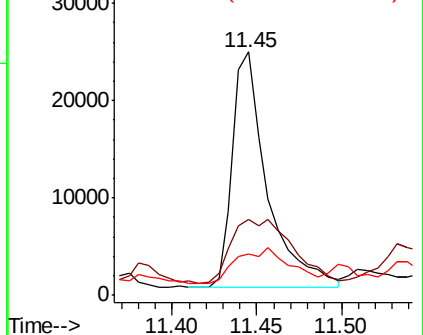
139 17.1 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.173 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

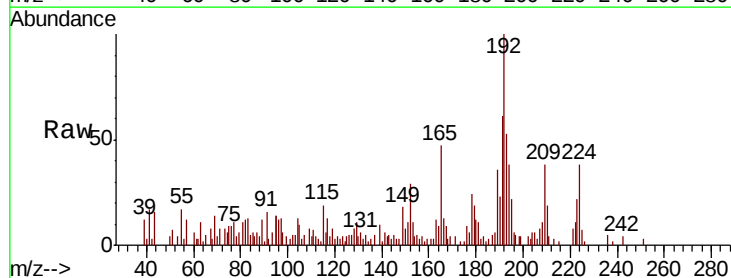
Tgt Ion:149 Resp: 2330

Ion Ratio Lower Upper

149 100

150 43.3 7.7 11.5#

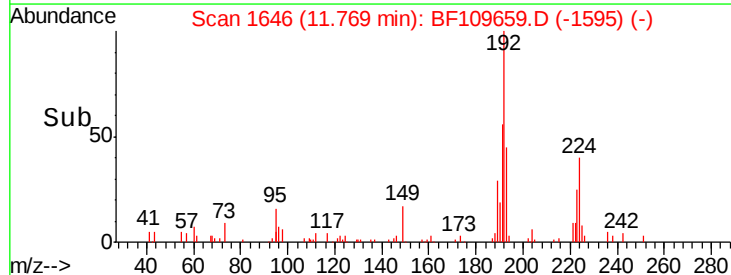
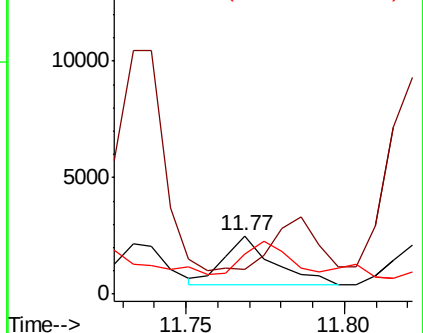
104 69.7 4.2 6.4#

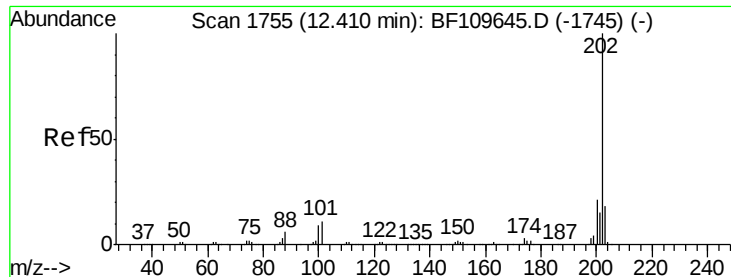


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 574.549 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.05 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

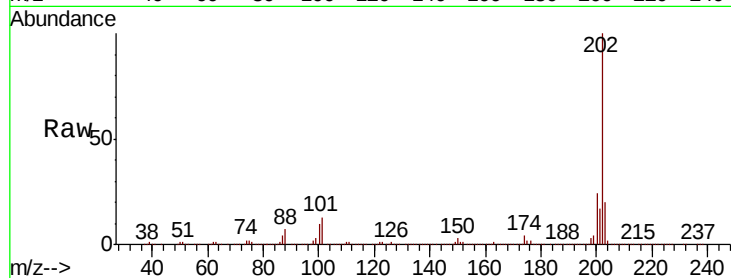
Tgt Ion:202 Resp: 6957039

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.4

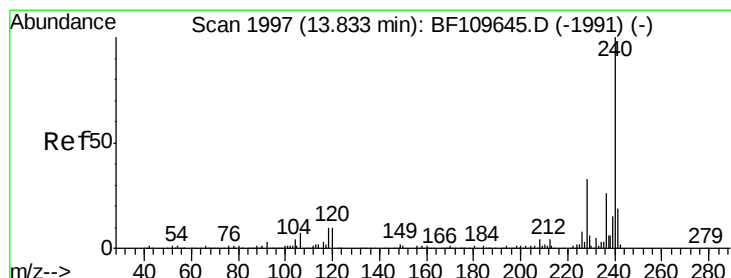
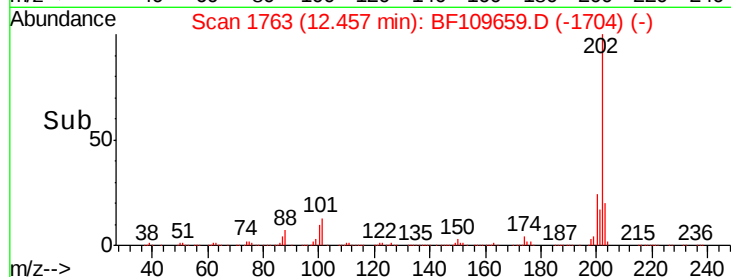
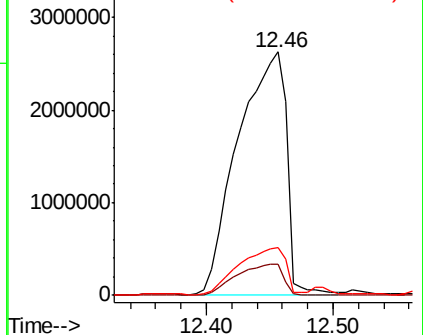
203 19.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

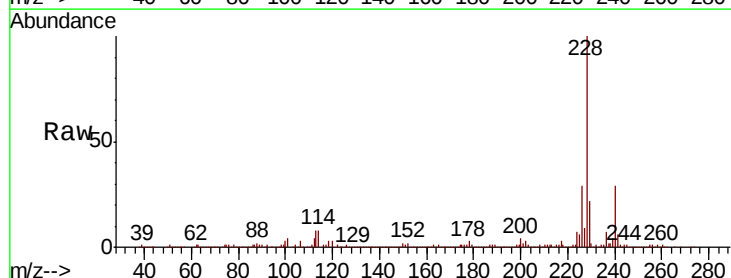
Tgt Ion:240 Resp: 185395

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

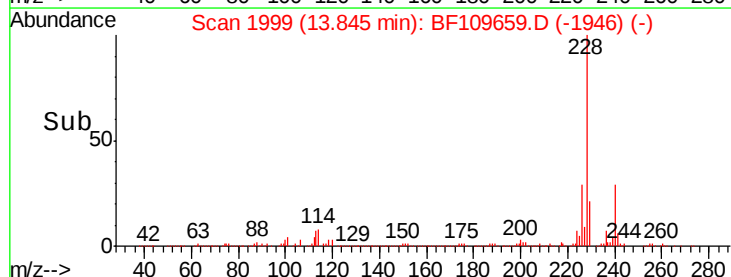
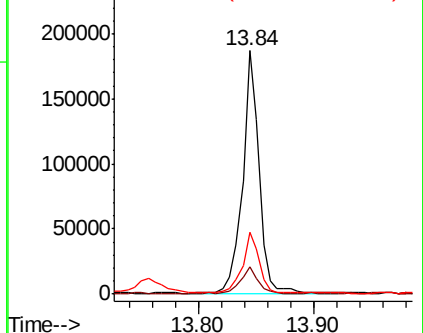
236 25.4 21.2 31.8

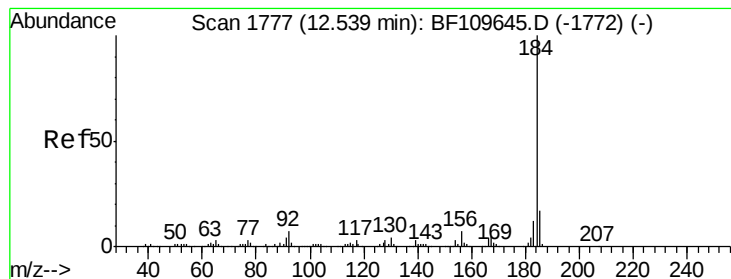


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.022 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

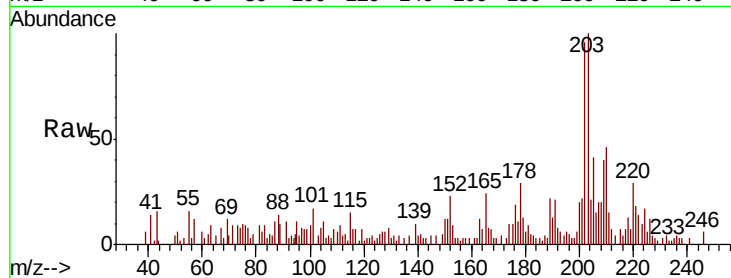
Tgt Ion:184 Resp: 149

Ion Ratio Lower Upper

184 100

185 120.7 13.4 20.2#

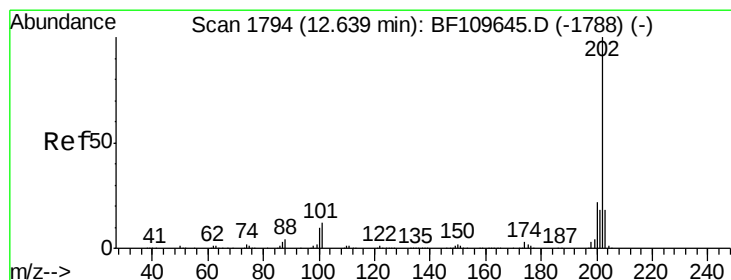
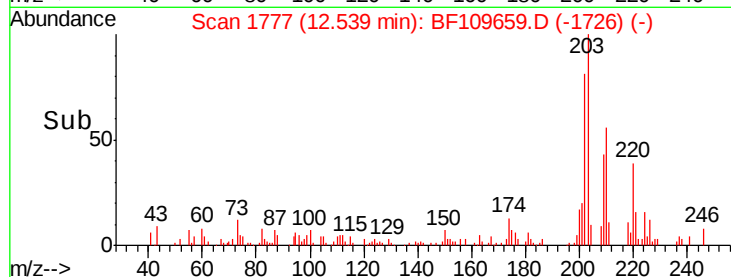
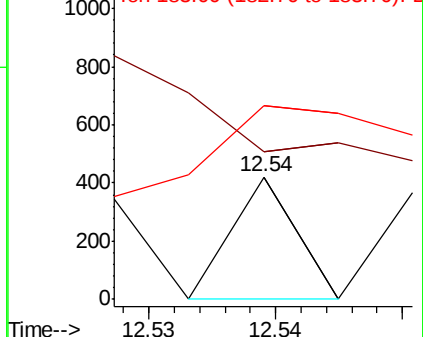
183 158.0 9.4 14.2#



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

Pyrene

Concen: 343.420 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.04 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

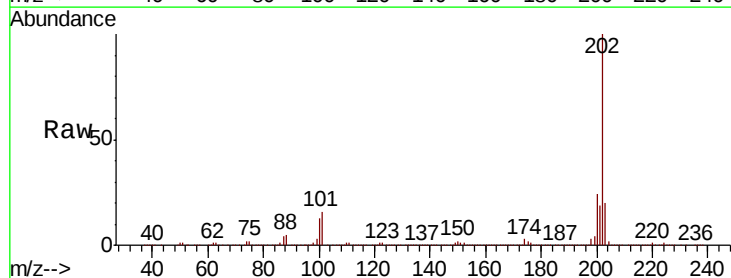
Tgt Ion:202 Resp: 4664757

Ion Ratio Lower Upper

202 100

200 24.1 17.8 26.6

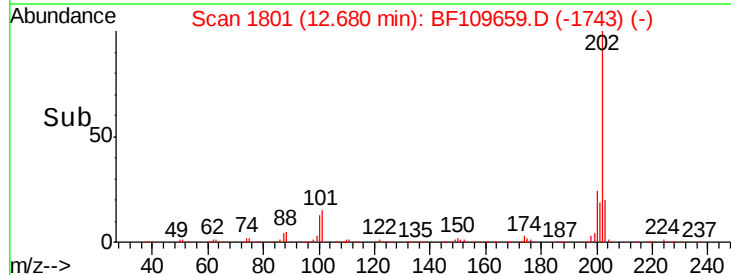
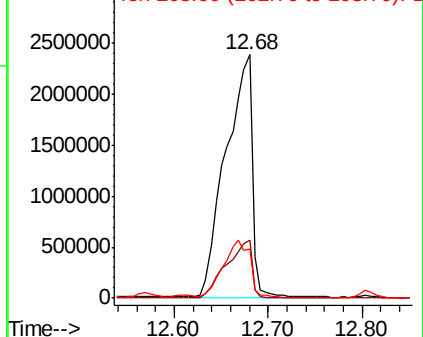
203 20.1 14.2 21.4

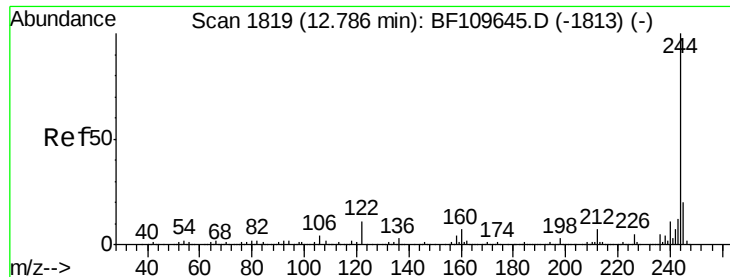


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

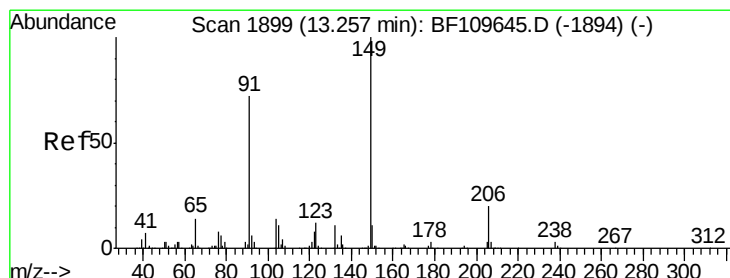
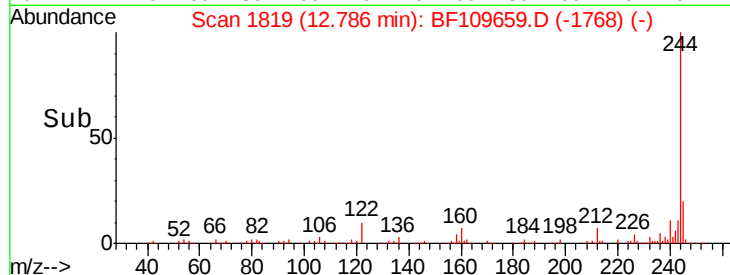
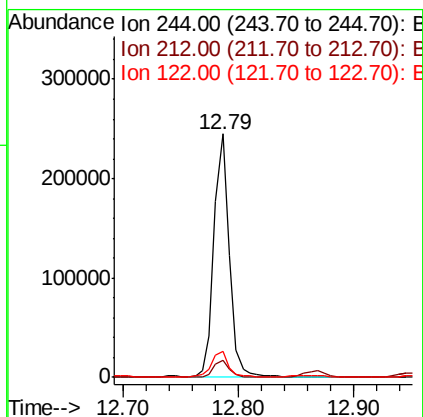
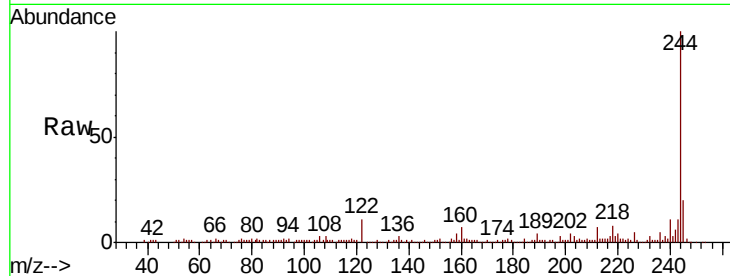




#78
 Terphenyl-d14
 Concen: 23.635 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

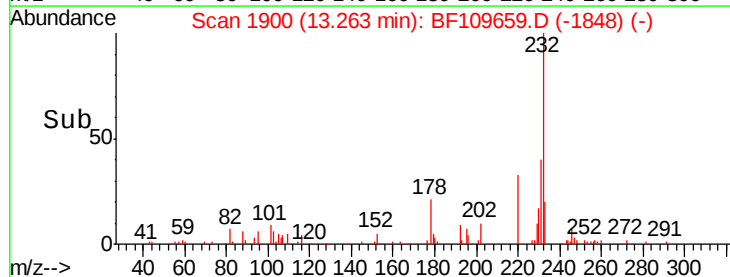
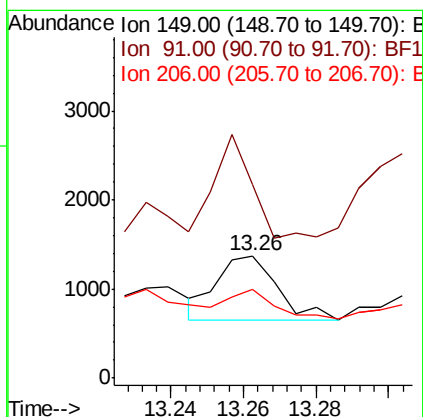
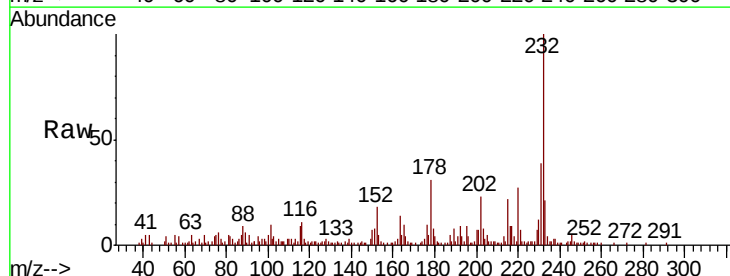
Instrument :
 BNA_F
 ClientSampleId :
 331-SAND-SOIL

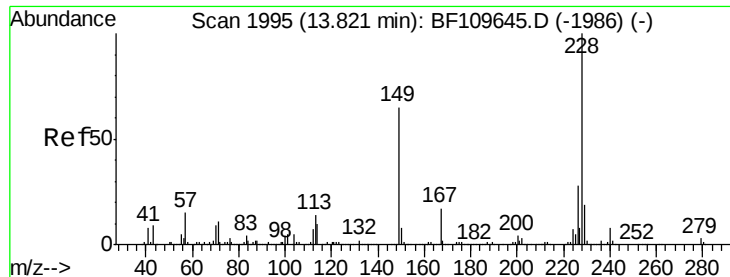
Tgt Ion: 244 Resp: 226356
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.7 8.7 13.1



#79
 Butylbenzylphthalate
 Concen: 0.143 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BF109659.D
 Acq: 8 Oct 2018 20:33

Tgt Ion: 149 Resp: 845
 Ion Ratio Lower Upper
 149 100
 91 157.9 57.2 85.8#
 206 72.8 15.7 23.5#





#80

Benzo(a)anthracene

Concen: 165.822 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.02 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

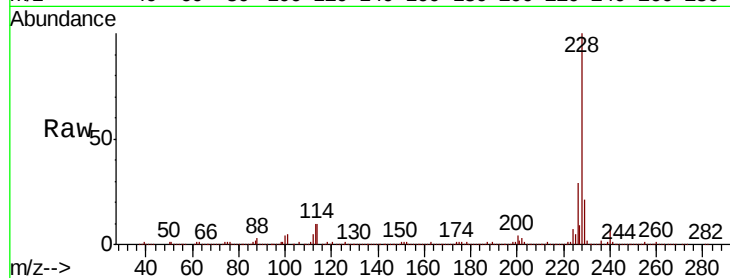
Tgt Ion:228 Resp: 1696502

Ion Ratio Lower Upper

228 100

226 29.5 22.1 33.1

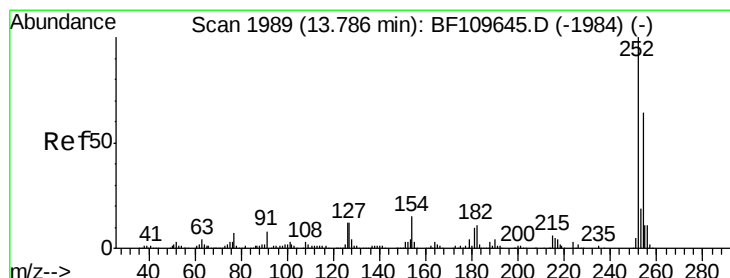
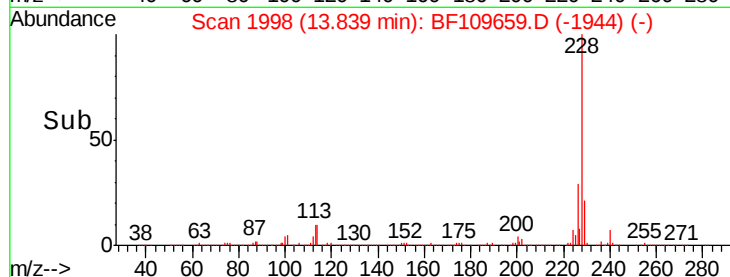
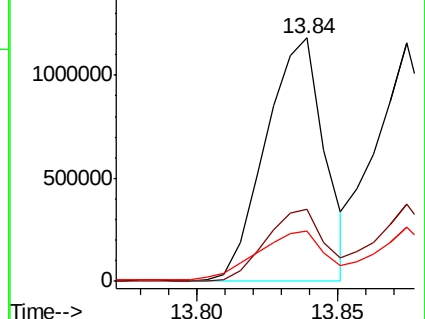
229 20.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.634 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.09 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

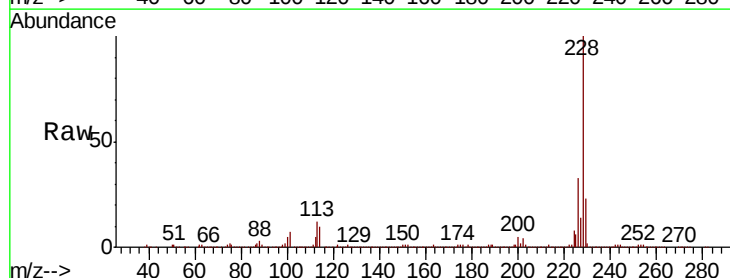
Tgt Ion:252 Resp: 10851

Ion Ratio Lower Upper

252 100

254 141.1 51.3 76.9#

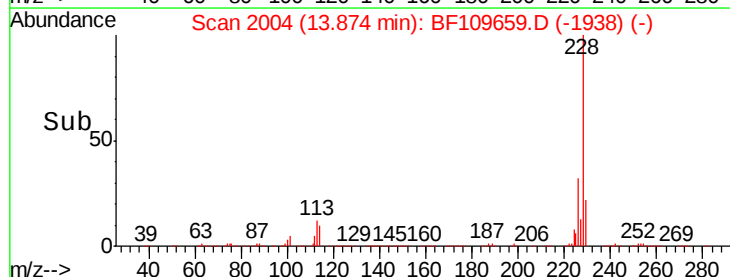
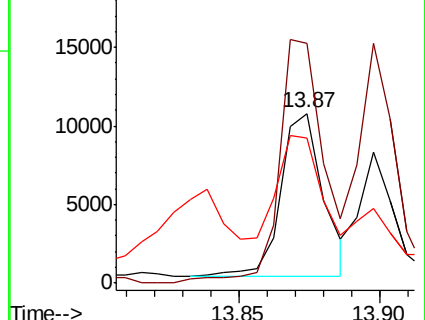
126 85.2 9.4 14.2#

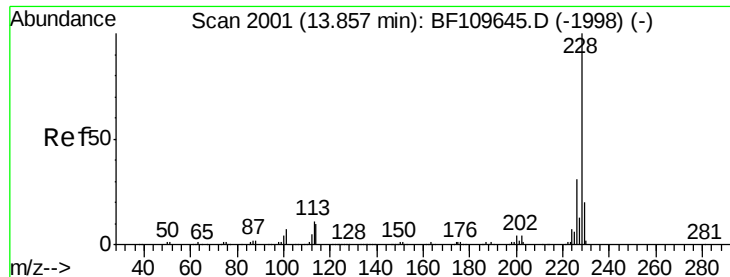


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 135.338 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

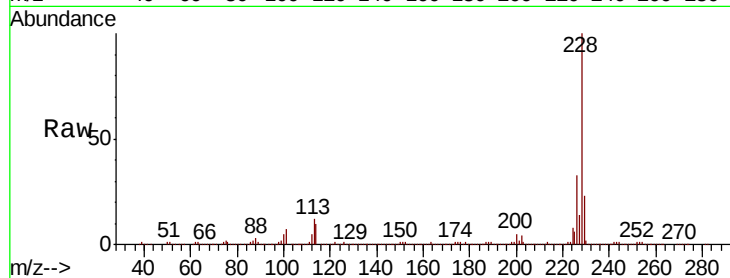
Tgt Ion:228 Resp: 1454388

Ion Ratio Lower Upper

228 100

226 32.5 24.7 37.1

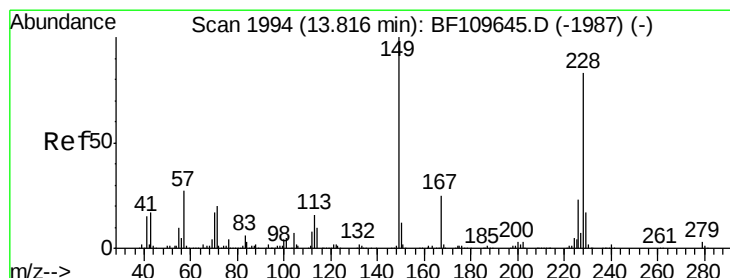
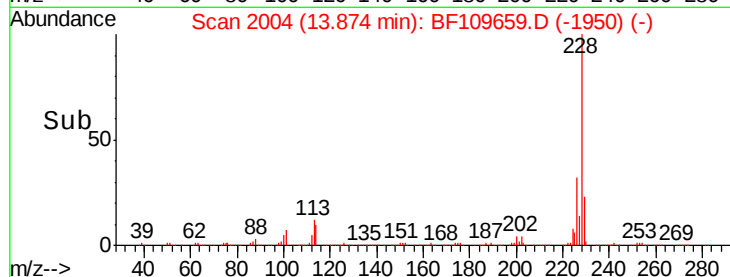
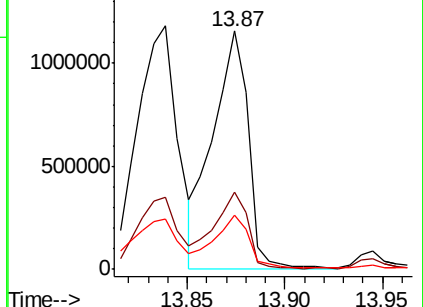
229 22.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.630 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

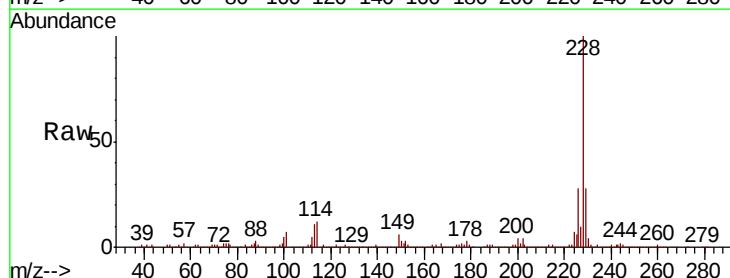
Tgt Ion:149 Resp: 33263

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

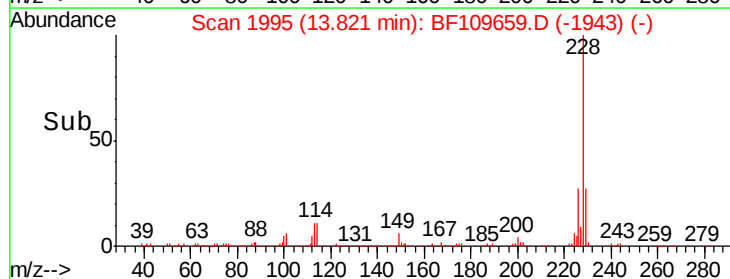
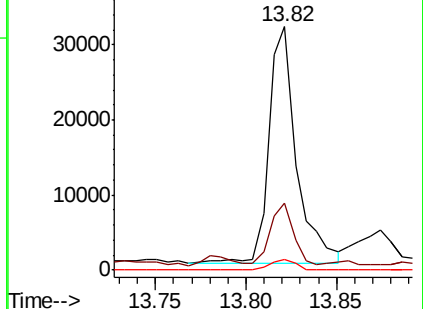
279 4.5 2.7 4.1#

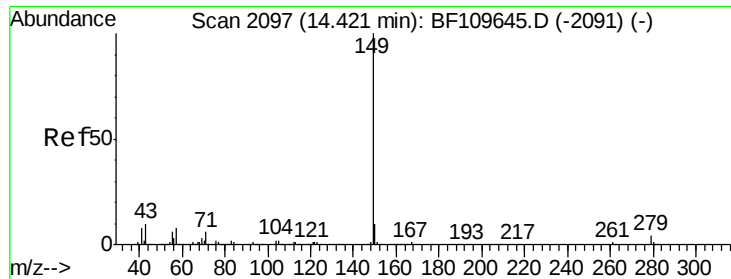


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.232 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

Instrument :

BNA_F

ClientSampleId :

331-SAND-SOIL

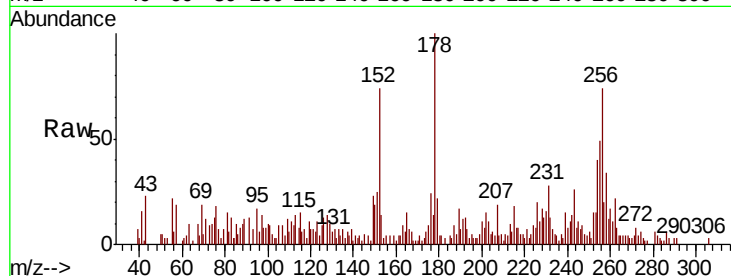
Tgt Ion:149 Resp: 2630

Ion Ratio Lower Upper

149 100

167 8.1 1.1 1.7#

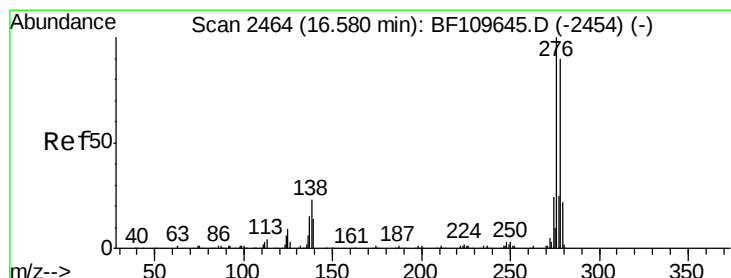
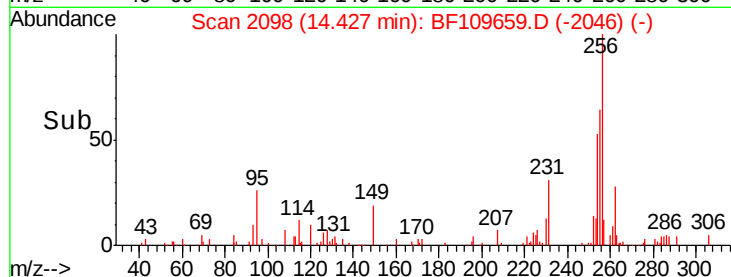
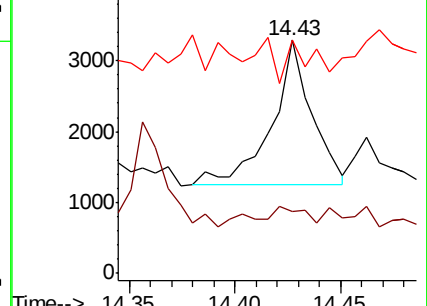
43 0.0 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 24.166 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF109659.D

Acq: 8 Oct 2018 20:33

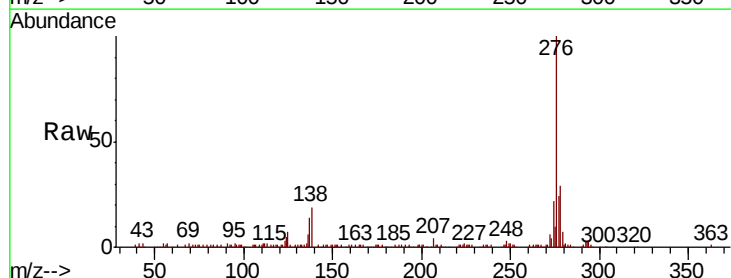
Tgt Ion:276 Resp: 185884

Ion Ratio Lower Upper

276 100

138 19.5 18.5 27.7

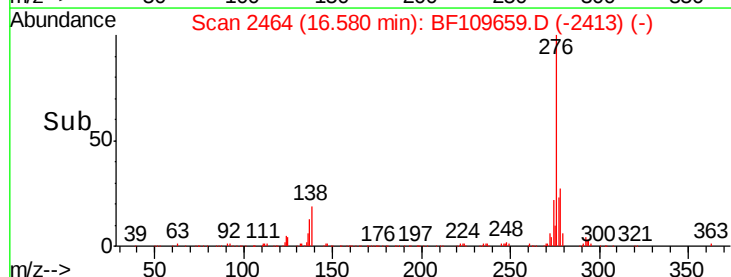
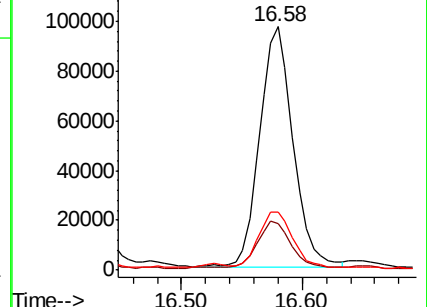
277 23.3 20.0 30.0

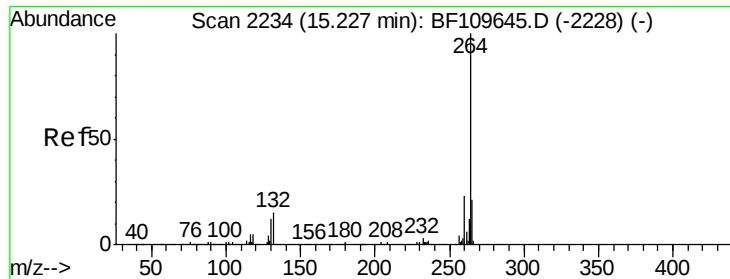


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

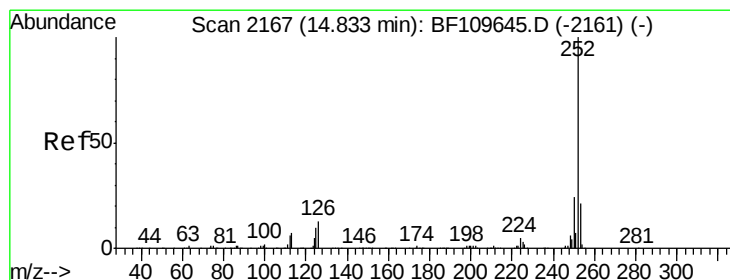
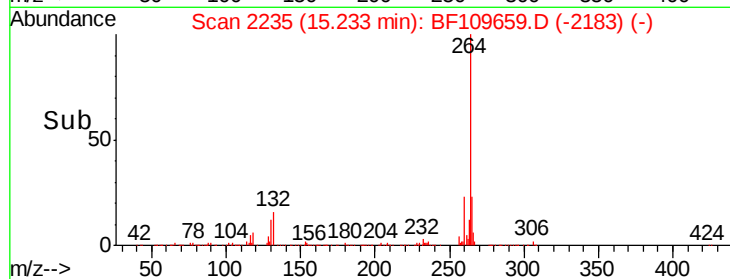
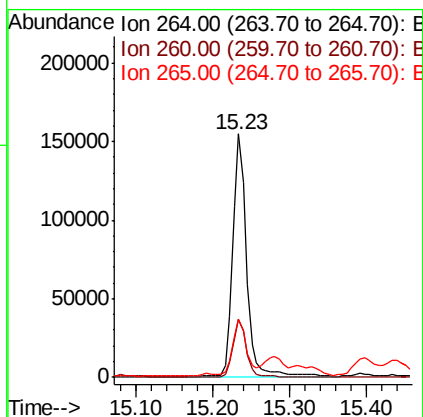
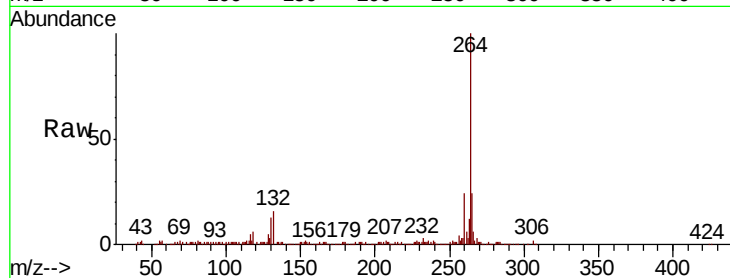




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

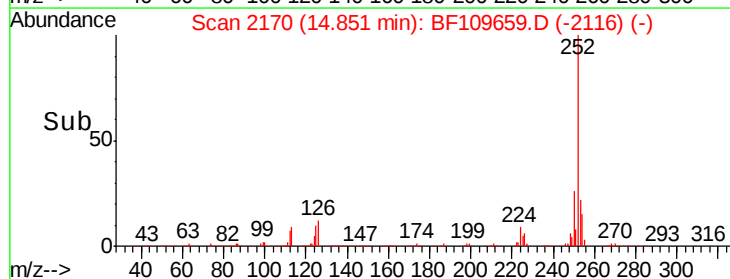
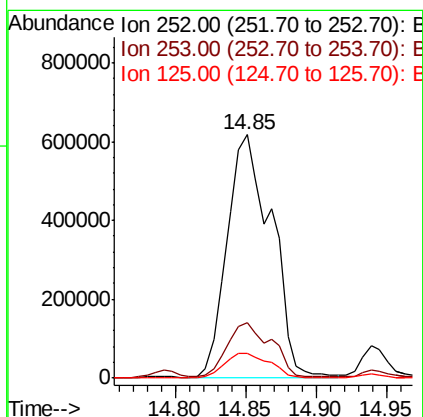
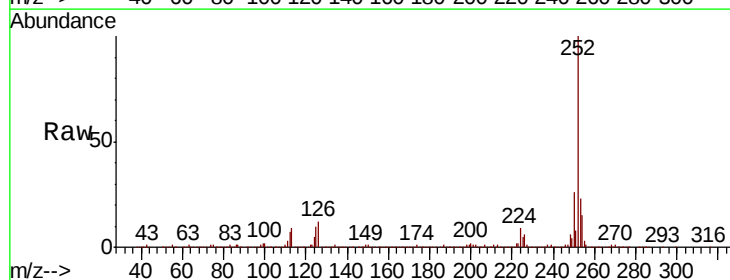
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

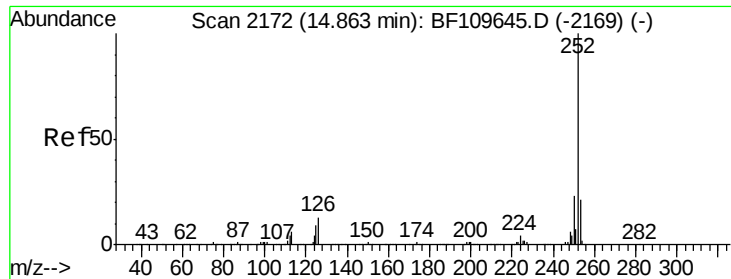
Tgt Ion:264 Resp: 196707
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 24.0 16.7 25.1



#87
Benzo(b)fluoranthene
Concen: 124.114 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.02 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:252 Resp: 1349171
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.4 8.2 12.4

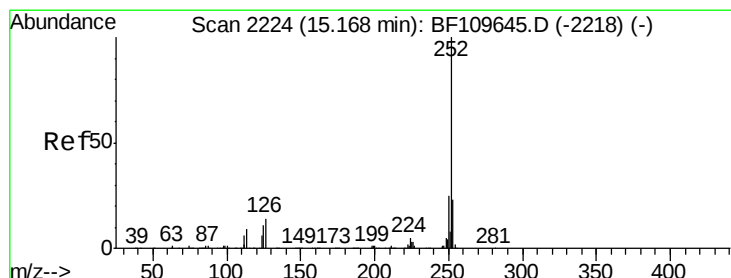
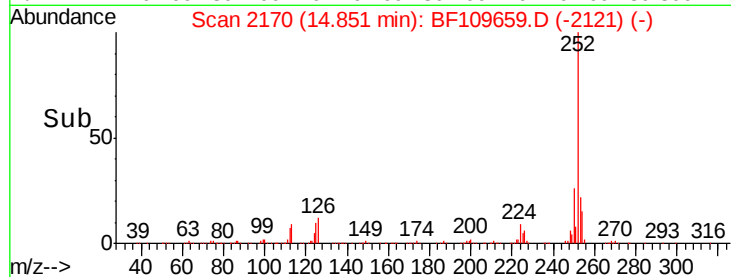
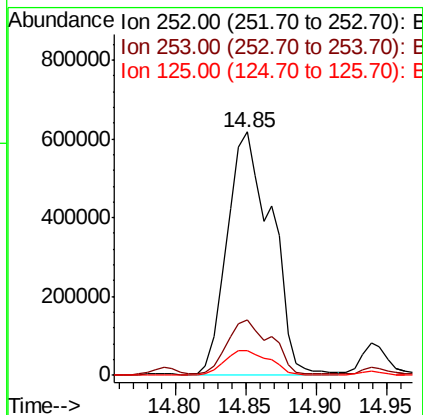
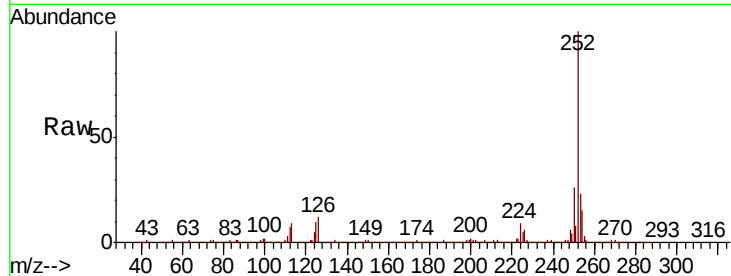




#88
Benzo(k)fluoranthene
Concen: 123.527 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

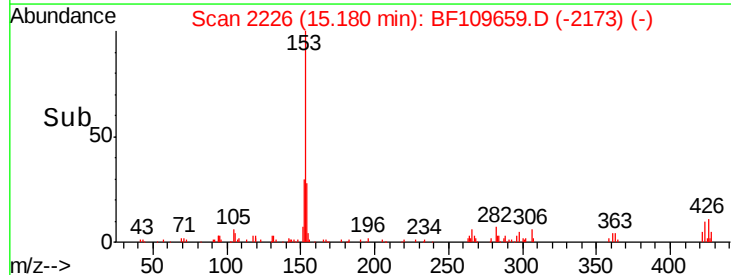
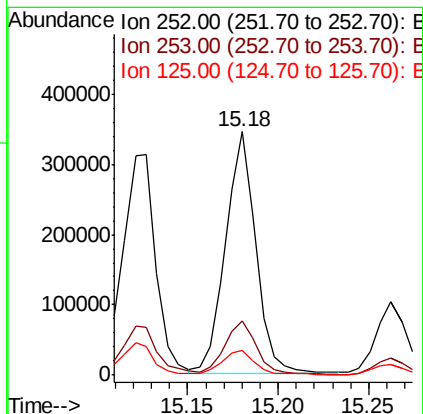
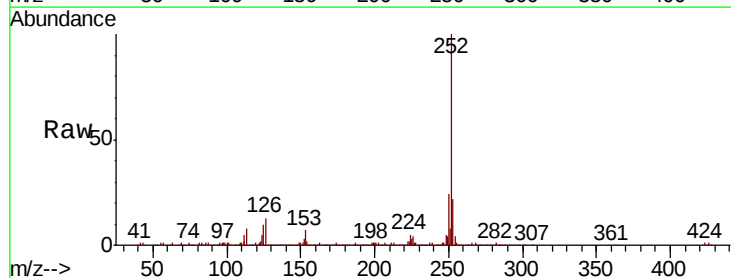
Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

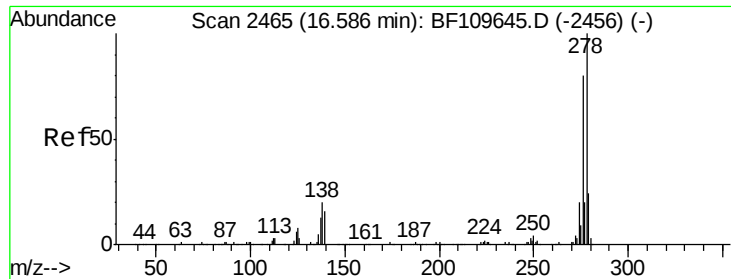
Tgt Ion:252 Resp: 1349171
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.4 7.4 11.0



#89
Benzo(a)pyrene
Concen: 40.701 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:252 Resp: 401501
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.3 9.0 13.6

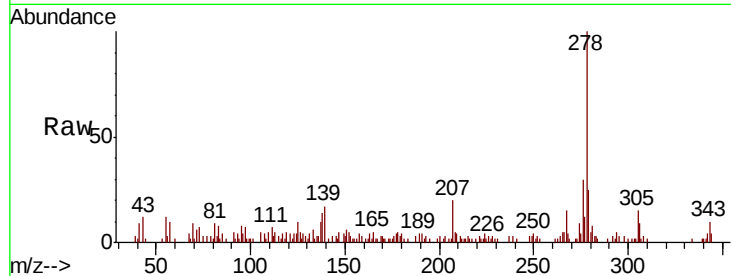




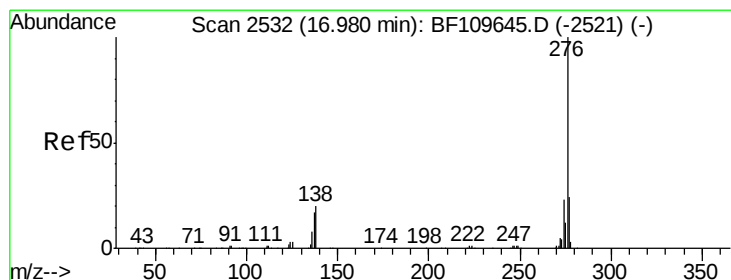
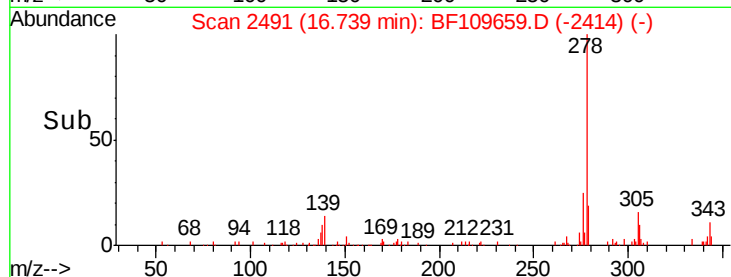
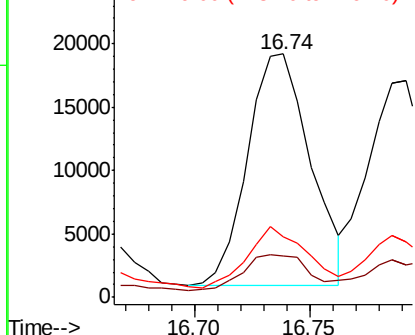
#90
Dibenzo(a,h)anthracene
Concen: 4.282 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.15 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Instrument :
BNA_F
ClientSampleId :
331-SAND-SOIL

Tgt Ion:278 Resp: 34693
Ion Ratio Lower Upper
278 100
139 17.2 12.7 19.1
279 24.7 19.0 28.4

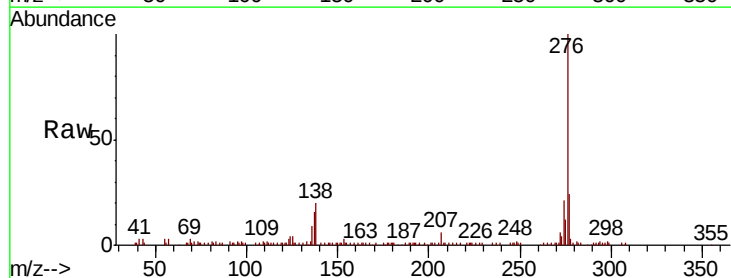


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 17.584 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF109659.D
Acq: 8 Oct 2018 20:33

Tgt Ion:276 Resp: 142260
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 20.0 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

