

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112780.D
 Acq On : 1 Mar 2019 00:00
 Operator : JU/SJ
 Sample : K1654-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 01 04:55:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	127322	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	489496	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	228248	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	409431	20.00	ng	0.00
76) Chrysene-d12	13.87	240	264478	20.00	ng	0.00
87) Perylene-d12	15.28	264	304858	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	763109	93.23	ng	0.00
7) Phenol-d6	6.37	99	975218	94.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	571711	69.89	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	253035	104.42	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	997489	73.16	ng	0.00
79) Terphenyl-d14	12.83	244	815731	59.79	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.17	42	131	0.027	ng	# 1
6) Aniline	6.38	93	365	0.026	ng	# 1
8) 2-Chlorophenol	6.52	128	234	0.026	ng	# 1
9) Benzaldehyde	6.37	77	1517	0.205	ng	# 1
10) Phenol	6.38	94	17368	1.448	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	1137	0.123	ng	# 1
15) Benzyl Alcohol	6.90	79	9608	1.225	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.29	45	285	0.019	ng	# 1
17) 2-Methylphenol	7.15	107	140	0.019	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	74117	11.382	ng	# 78
20) 3+4-Methylphenols	7.15	107	140	0.017	ng	# 42
22) Acetophenone	7.15	105	334	0.029	ng	# 53
24) Nitrobenzene	7.30	77	1390	0.153	ng	# 31
25) Isophorone	7.30	82	571702	32.440	ng	# 66
31) Naphthalene	8.05	128	16594	0.683	ng	96
33) 4-Chloroaniline	8.05	127	1737	0.169	ng	# 16
37) 2-Methylnaphthalene	8.74	142	6014	0.383	ng	86
38) 1-Methylnaphthalene	8.83	142	5699	0.375	ng	# 96
46) 1,1'-Biphenyl	9.20	154	3955	0.212	ng	95
47) 2-Chloronaphthalene	9.49	162	449	0.031	ng	# 1
48) 2-Nitroaniline	9.49	65	810	0.183	ng	# 1
49) Acenaphthylene	9.63	152	1334	0.054	ng	# 59
50) Dimethylphthalate	9.49	163	76978	4.574	ng	100
51) 2,6-Dinitrotoluene	9.77	165	28872	8.238	ng	# 18
52) Acenaphthene	9.80	154	12726	0.882	ng	98
53) 3-Nitroaniline	9.97	138	111	0.026	ng	# 3
55) Dibenzofuran	9.97	168	14131	0.674	ng	92
56) 4-Nitrophenol	9.97	139	5191	1.496	ng	# 6
57) 2,4-Dinitrotoluene	9.77	165	28872	6.628	ng	# 18
58) Fluorene	10.32	166	13692	0.920	ng	98
60) Diethylphthalate	10.19	149	680	0.038	ng	# 60
63) Azobenzene	10.47	77	380	0.021	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.55	198	385	4.820	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	283	0.022	ng	# 45

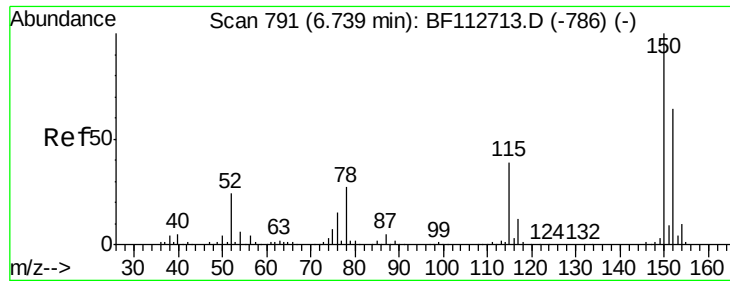
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	10.55	248	14392	3.337	ng	# 1
71) Phenanthrene	11.27	178	194606	9.553	ng	98
72) Anthracene	11.32	178	31918	1.497	ng	97
73) Carbazole	11.47	167	21788	1.047	ng	100
74) Di-n-butylphthalate	11.82	149	4200	0.168	ng	# 98
75) Fluoranthene	12.45	202	156869	7.188	ng	98
77) Benzidine	12.83	184	9800	0.714	ng	97
78) Pyrene	12.68	202	115480	5.179	ng	98
80) Butylbenzylphthalate	13.30	149	288	0.029	ng	# 61
81) Benzo(a)anthracene	13.86	228	47453	2.589	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	282	0.041	ng	# 9
83) Chrysene	13.90	228	46390	2.584	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	3202	0.277	ng	# 96
85) Di-n-octyl phthalate	14.48	149	105	0.005	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.63	276	24229	1.583	ng	95
88) Benzo(b)fluoranthene	14.88	252	80767	4.096	ng	100
89) Benzo(k)fluoranthene	14.88	252	80767	4.522	ng	100
90) Benzo(a)pyrene	15.22	252	41875	2.401	ng	97
91) Dibenzo(a,h)anthracene	16.80	278	5362	0.360	ng	95
92) Benzo(g,h,i)perylene	17.04	276	19704	1.318	ng	95

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

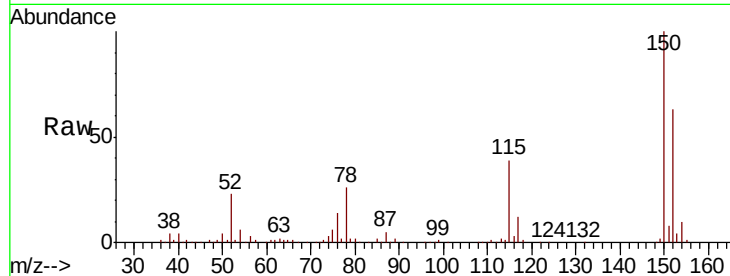


#1

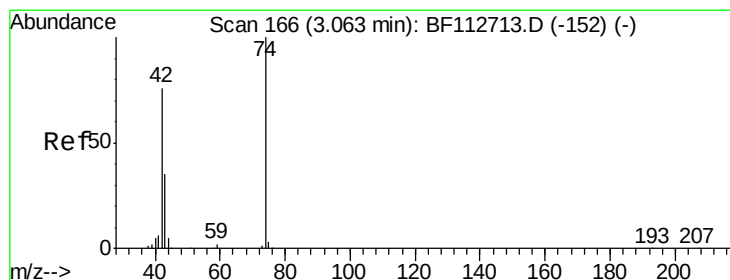
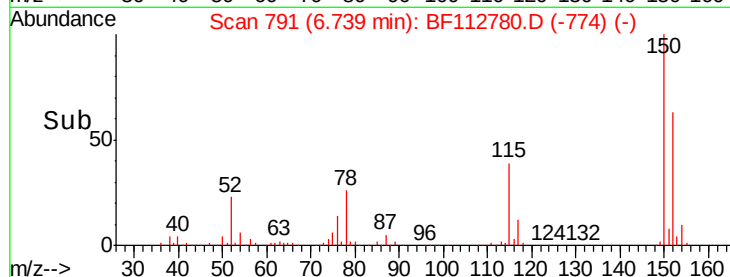
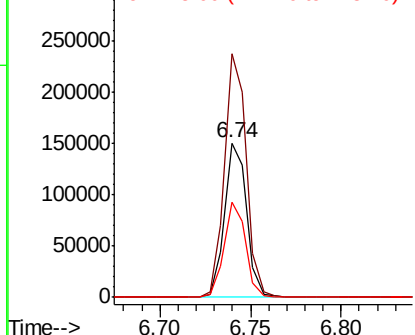
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:152 Resp: 127322
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 61.6 48.2 72.4



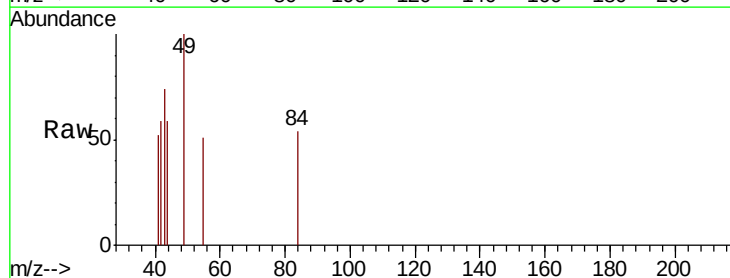
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



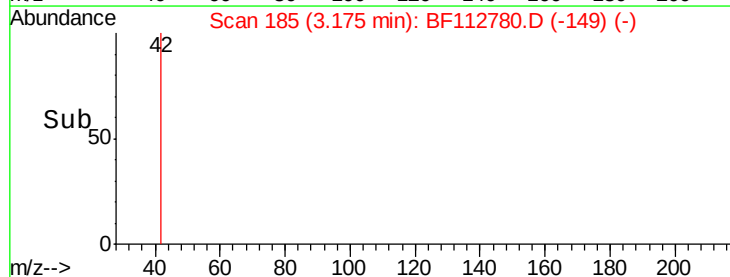
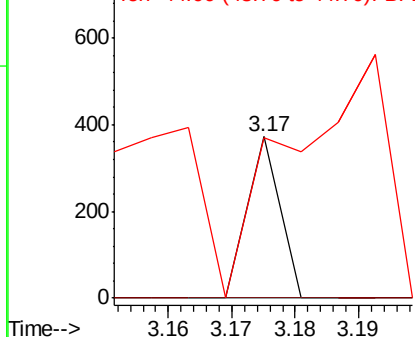
#4

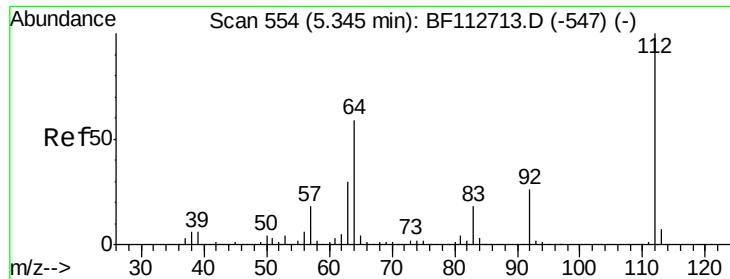
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.17 min Scan# 185
Delta R.T. 0.11 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 42 Resp: 131
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 99.7 6.2 9.2#



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: 93.232 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

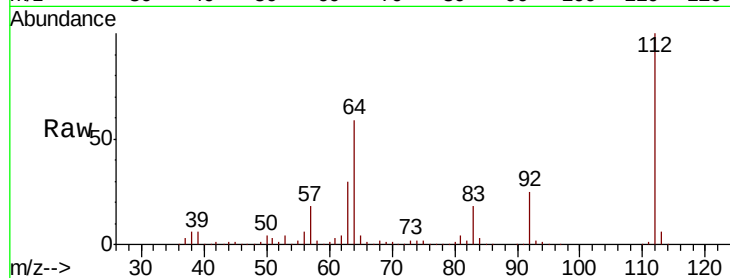
Tgt Ion: 112 Resp: 763109

Ion Ratio Lower Upper

112 100

64 58.9 47.6 71.4

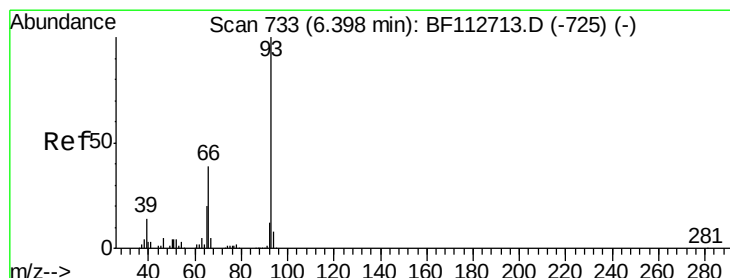
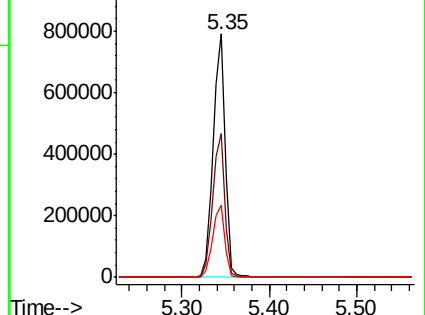
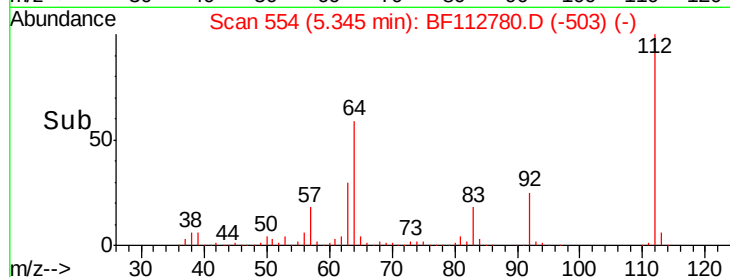
63 29.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.026 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

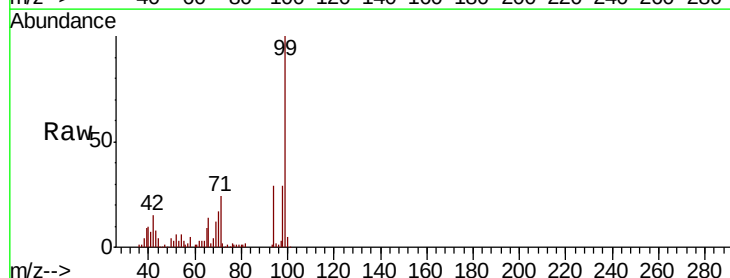
Tgt Ion: 93 Resp: 365

Ion Ratio Lower Upper

93 100

66 2157.9 32.2 48.2#

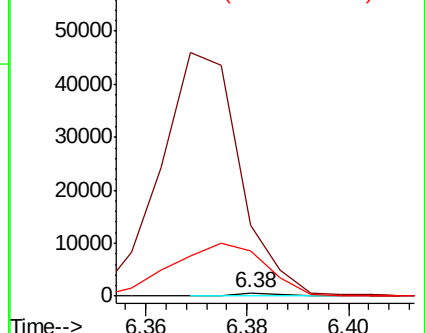
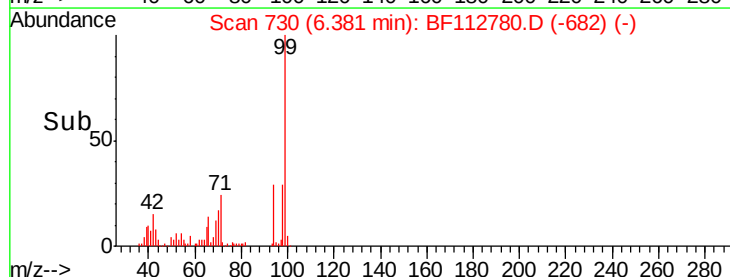
65 1373.2 16.2 24.4#

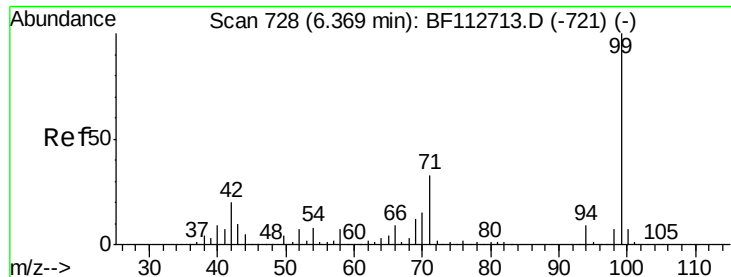


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.849 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

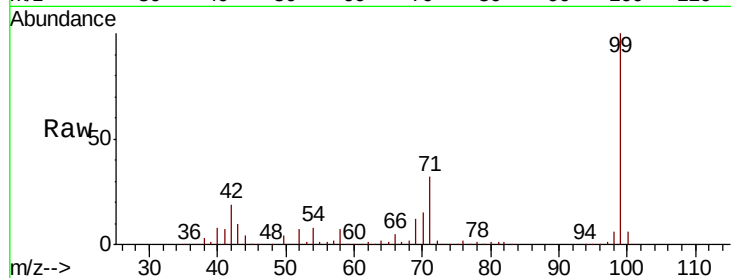
Tgt Ion: 99 Resp: 975218

Ion Ratio Lower Upper

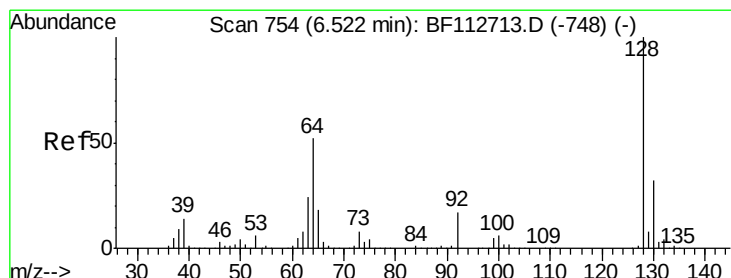
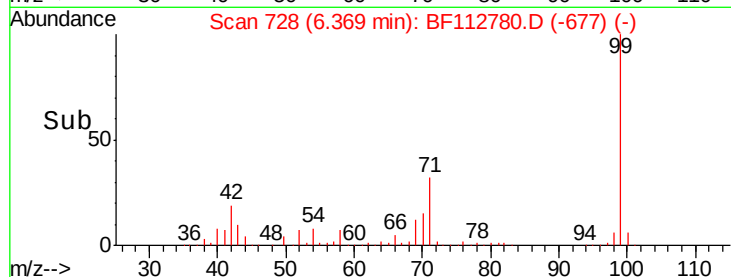
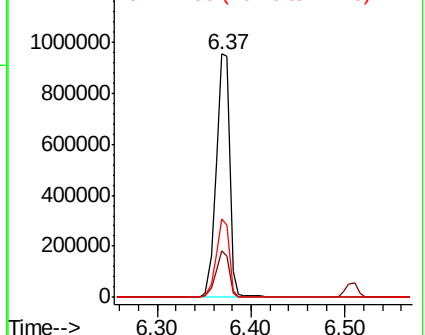
99 100

42 19.2 16.3 24.5

71 32.3 26.2 39.4



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



#8

2-Chlorophenol

Concen: 0.026 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

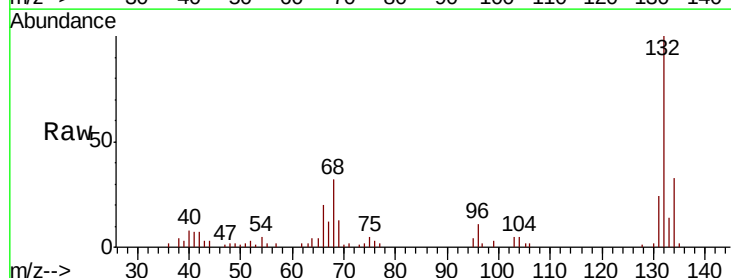
Tgt Ion: 128 Resp: 234

Ion Ratio Lower Upper

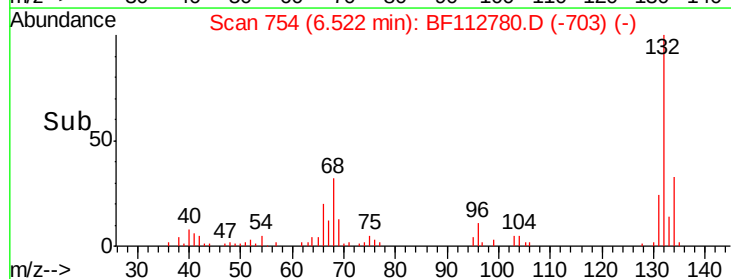
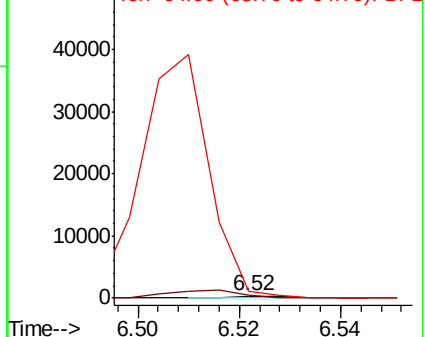
128 100

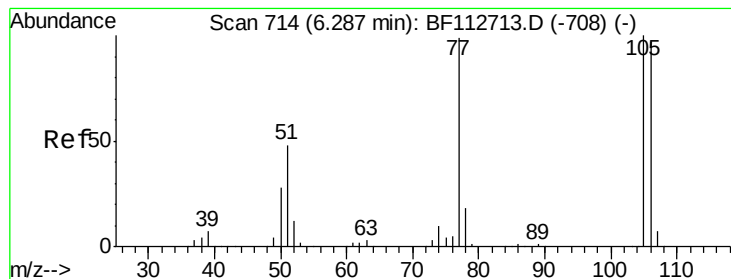
130 140.1 12.4 52.4#

64 293.6 32.2 72.2#



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





#9

Benzaldehyde

Concen: 0.205 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.08 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

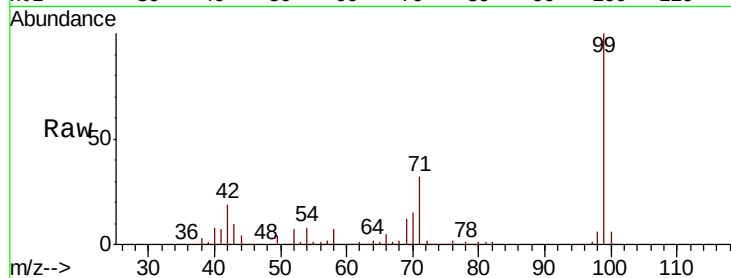
Tgt Ion: 77 Resp: 1517

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

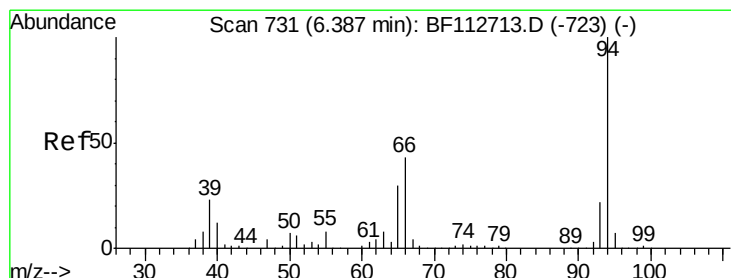
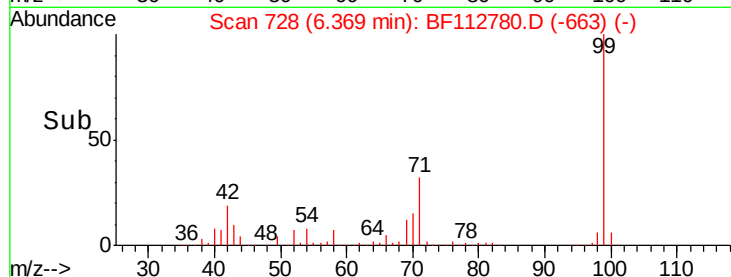
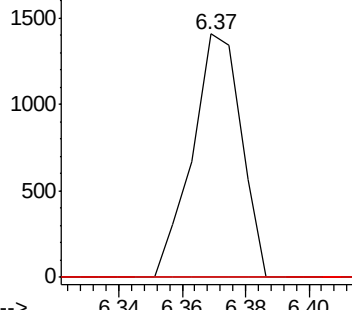
106 0.0 78.3 118.3#



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: 1.448 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

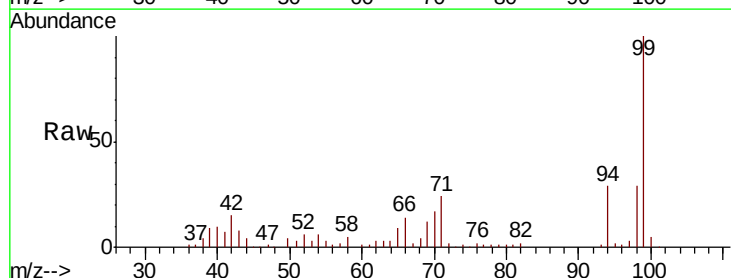
Tgt Ion: 94 Resp: 17368

Ion Ratio Lower Upper

94 100

65 29.4 10.5 50.5

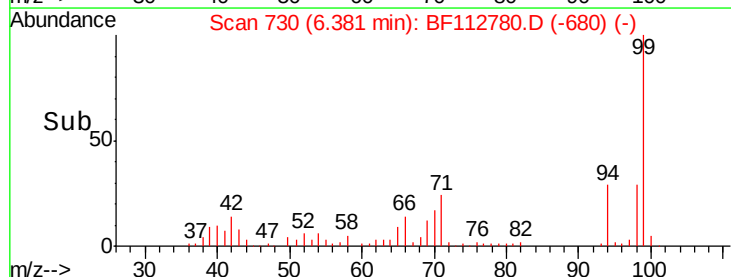
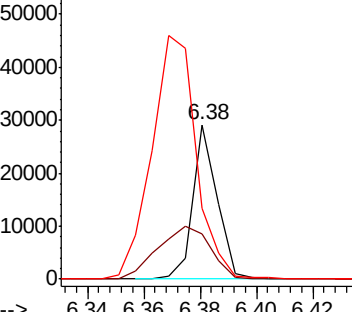
66 46.1 22.6 62.6

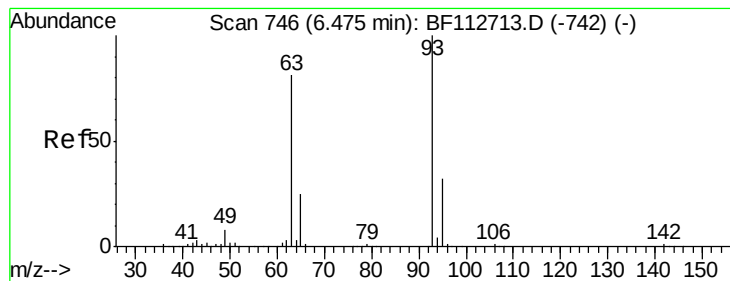


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.123 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.04 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

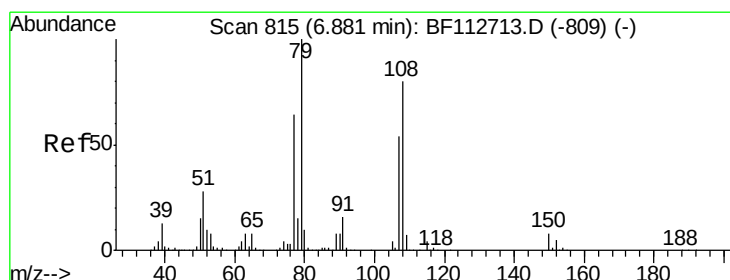
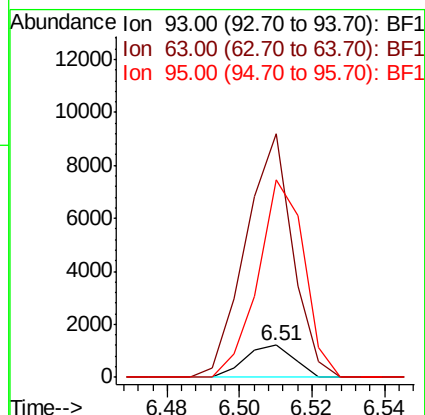
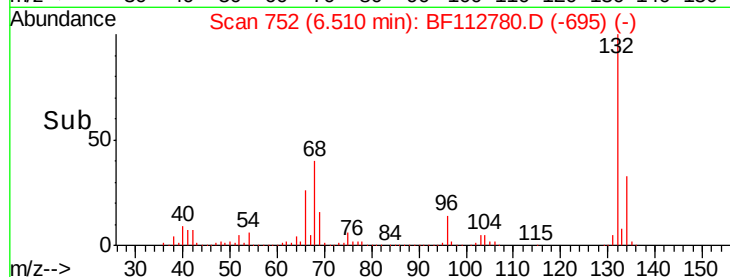
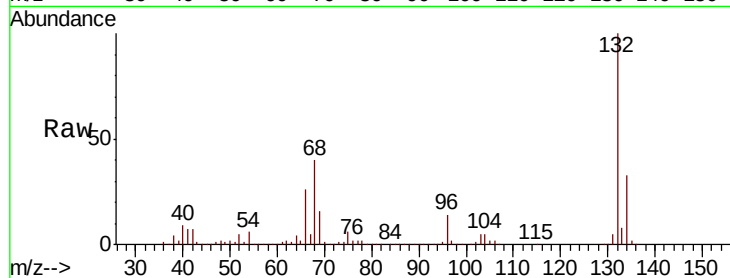
Tgt Ion: 93 Resp: 1137

Ion Ratio Lower Upper

93 100

63 761.4 60.5 100.5#

95 617.2 12.1 52.1#



#15

Benzyl Alcohol

Concen: 1.225 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

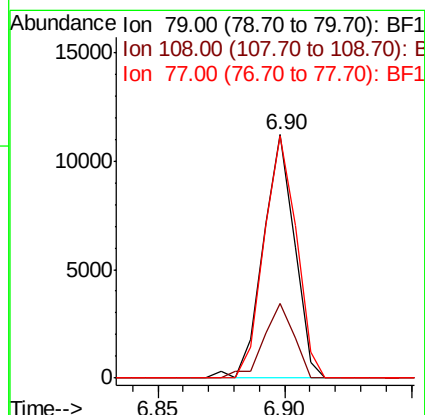
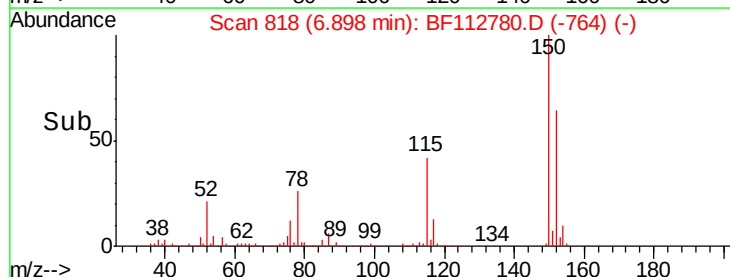
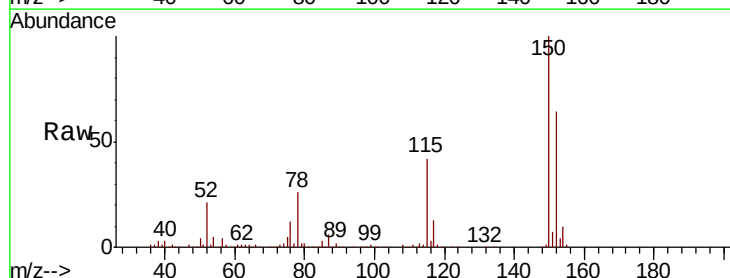
Tgt Ion: 79 Resp: 9608

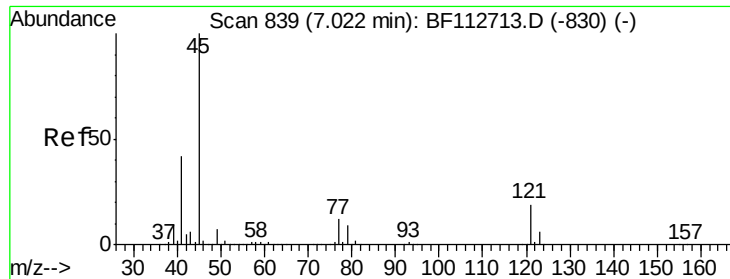
Ion Ratio Lower Upper

79 100

108 30.6 64.2 96.4#

77 99.5 51.1 76.7#

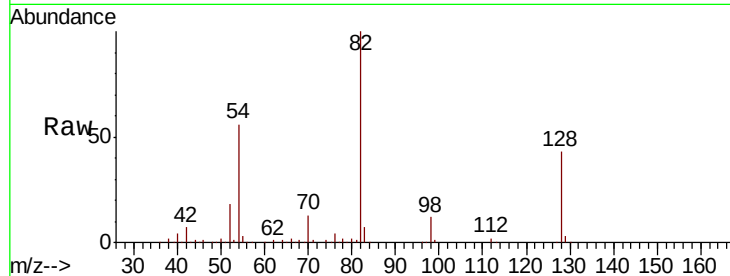




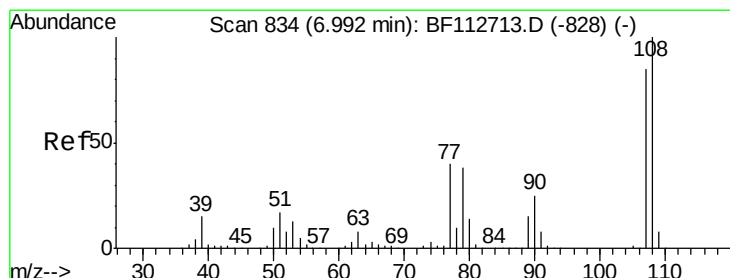
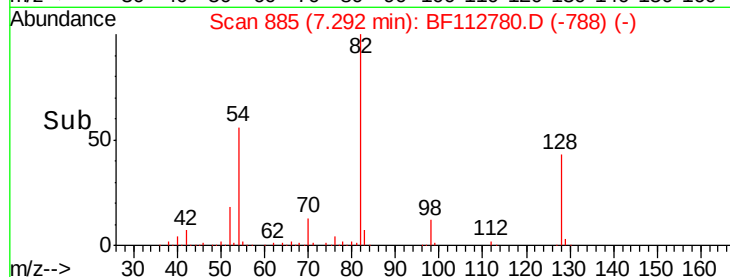
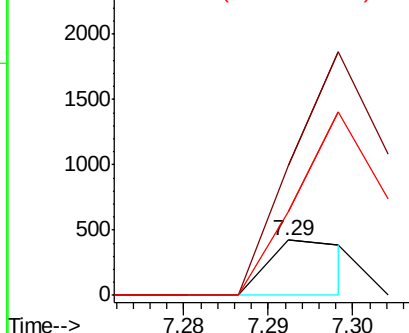
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.019 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.27 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampled :
SOIL-PILE

Tgt Ion: 45 Resp: 285
Ion Ratio Lower Upper
45 100
77 234.7 0.0 32.1#
79 150.9 0.0 29.4#

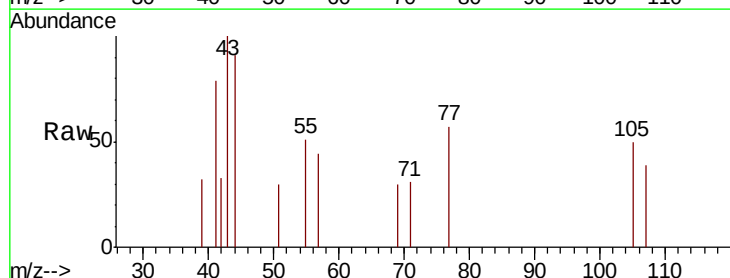


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

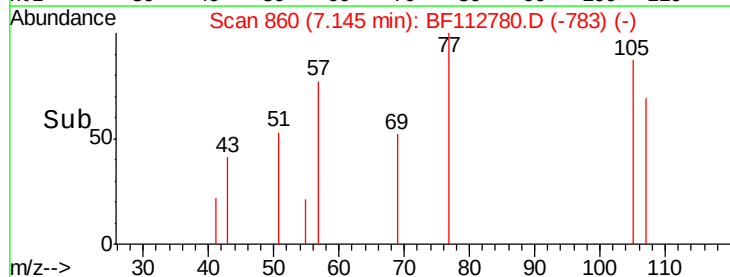
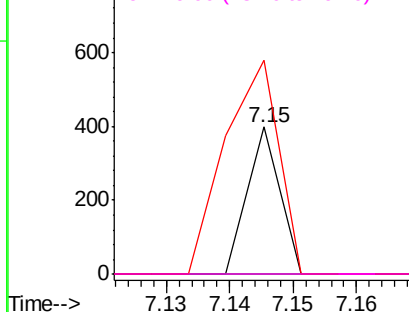


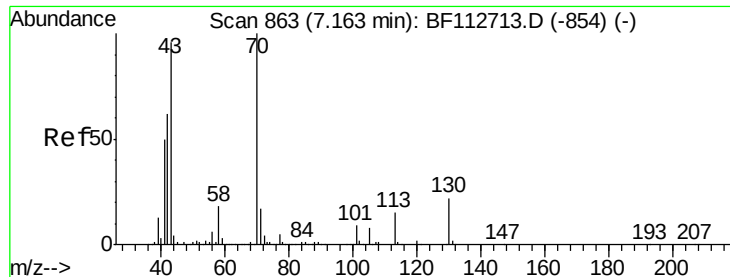
#17
2-Methylphenol
Concen: 0.019 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.15 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 107 Resp: 140
Ion Ratio Lower Upper
107 100
108 0.0 94.6 142.0#
77 145.5 37.8 56.8#
79 0.0 36.2 54.2#



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

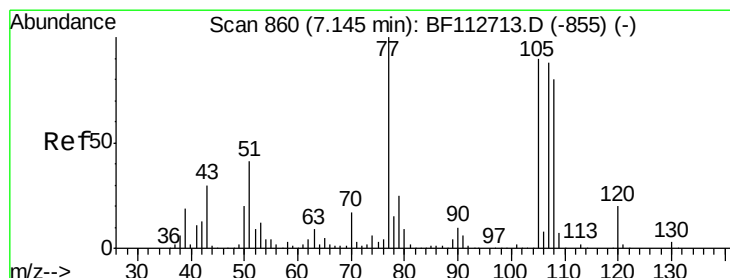
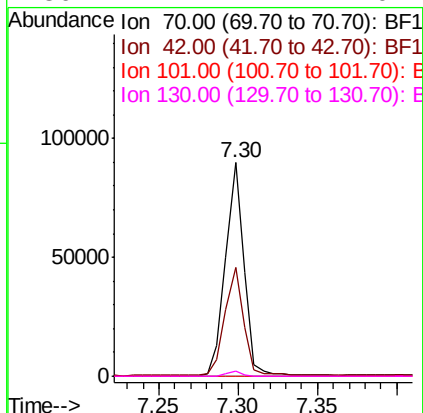
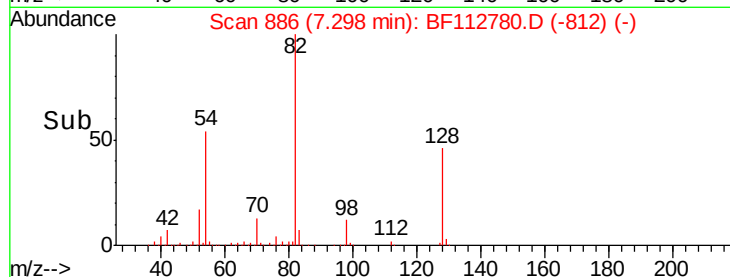
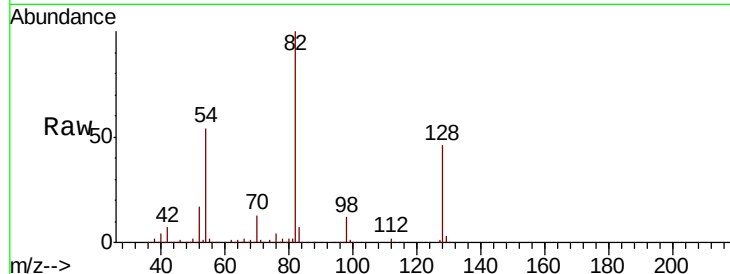




#19
n-Nitroso-di-n-propylamine
Concen: 11.382 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

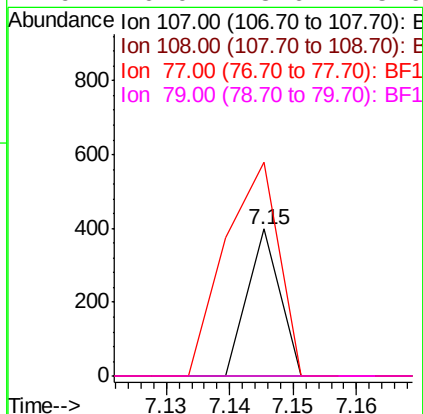
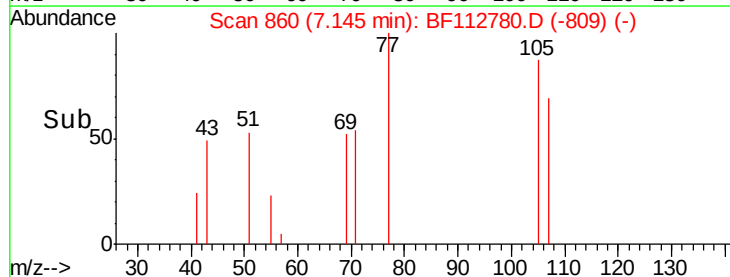
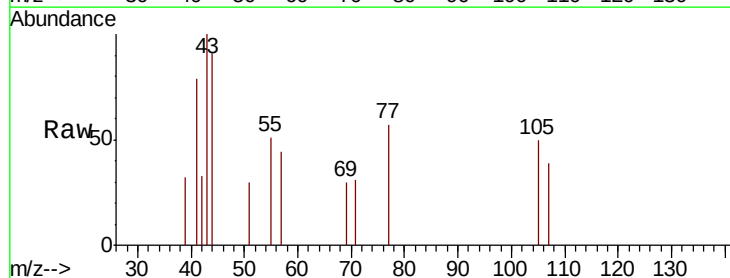
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

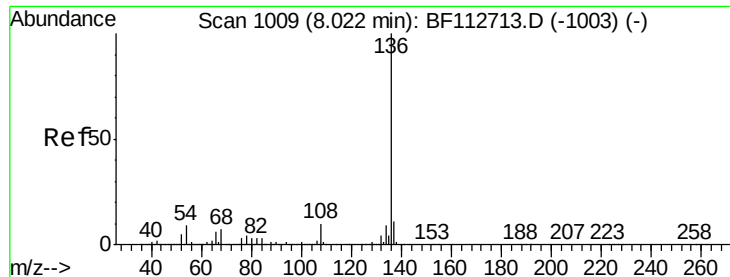
Tgt Ion: 70 Resp: 74117
Ion Ratio Lower Upper
70 100
42 51.0 49.9 74.9
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 107 Resp: 140
Ion Ratio Lower Upper
107 100
108 0.0 71.4 111.4#
77 145.5 94.1 134.1#
79 0.0 8.6 48.6#

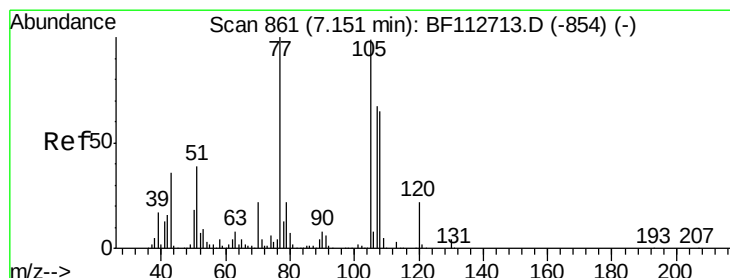
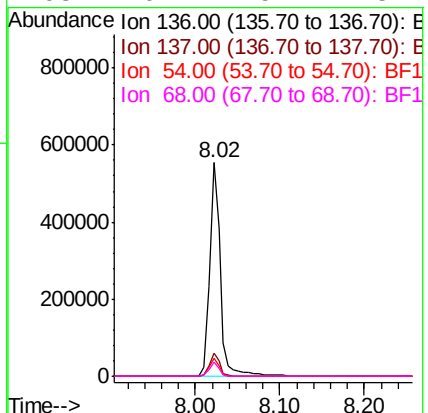
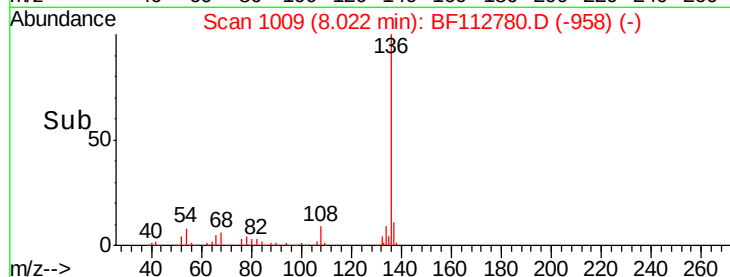
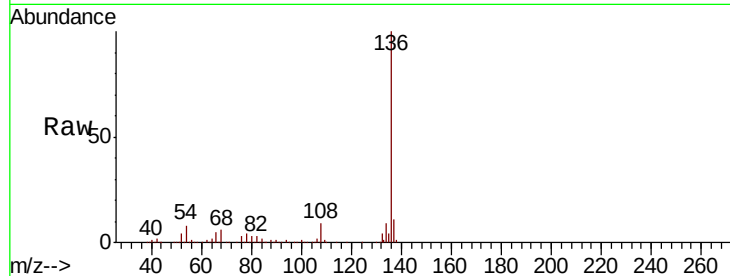




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

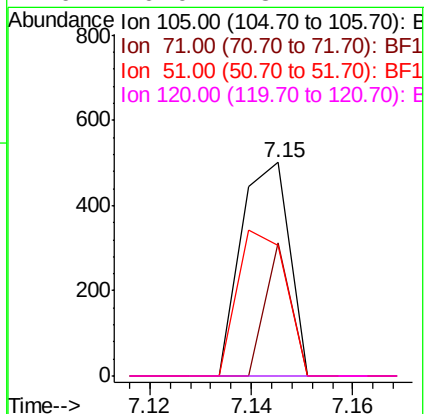
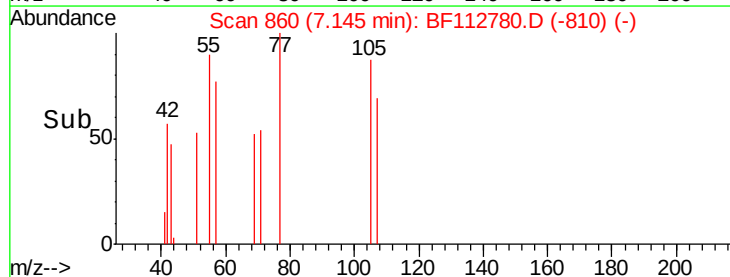
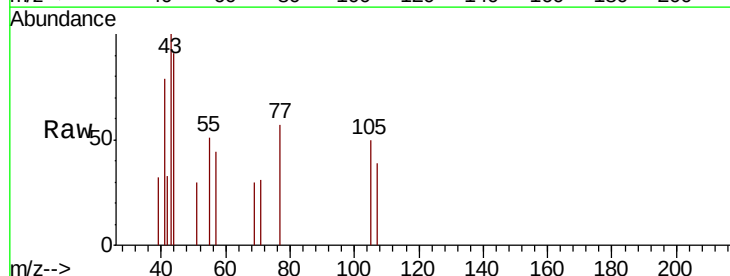
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

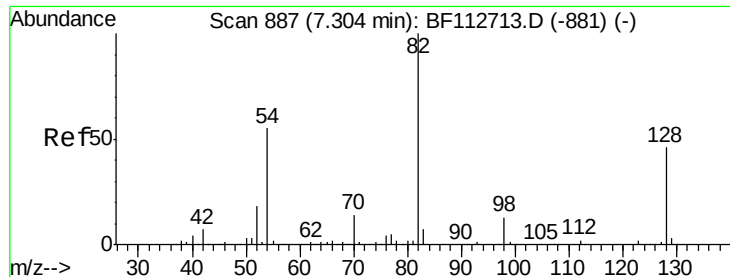
Tgt Ion:	136	Resp:	489496
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.3	10.9
68	6.4	5.4	8.2



#22
Acetophenone
Concen: 0.029 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:	105	Resp:	334
Ion	Ratio	Lower	Upper
105	100		
71	62.3	3.0	4.4#
51	60.9	31.5	47.3#
120	0.0	18.1	27.1#

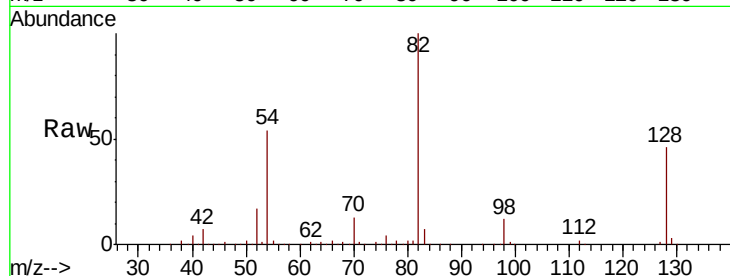




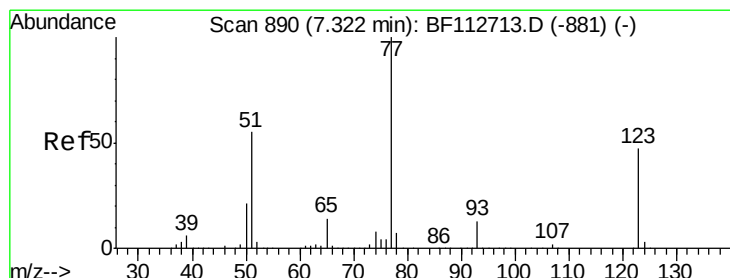
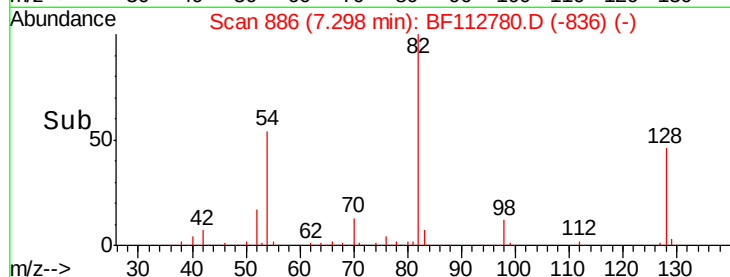
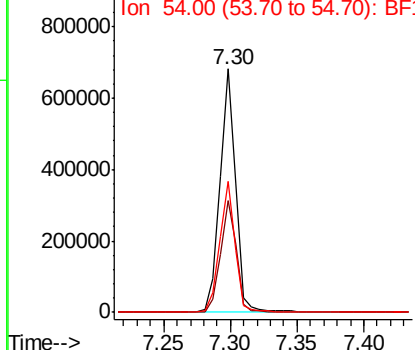
#23
Nitrobenzene-d5
Concen: 69.888 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 82 Resp: 571711
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 54.0 43.7 65.5

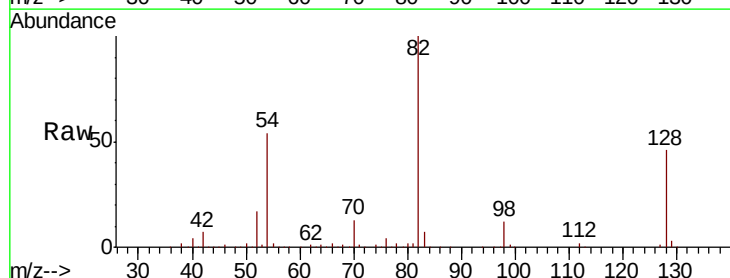


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

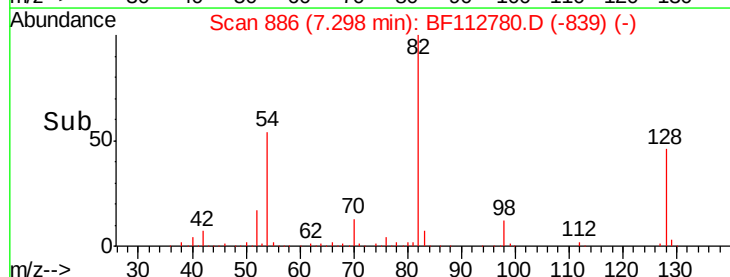
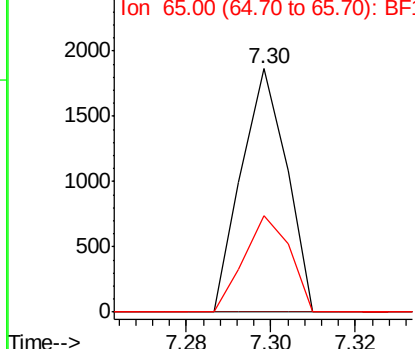


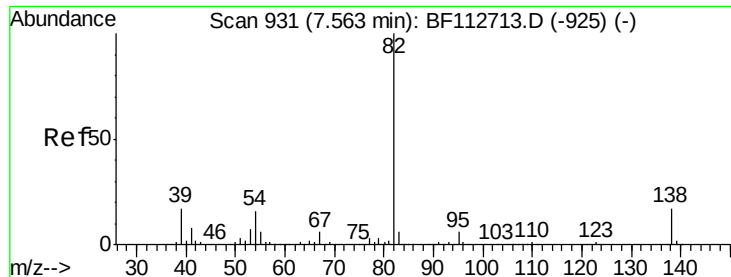
#24
Nitrobenzene
Concen: 0.153 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 77 Resp: 1390
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 39.4 11.1 16.7#



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





#25

Isophorone

Concen: 32.440 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

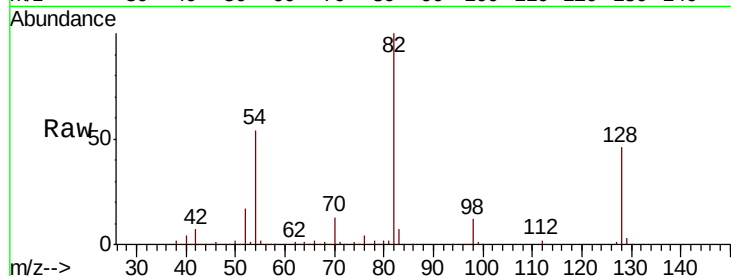
Tgt Ion: 82 Resp: 571702

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#

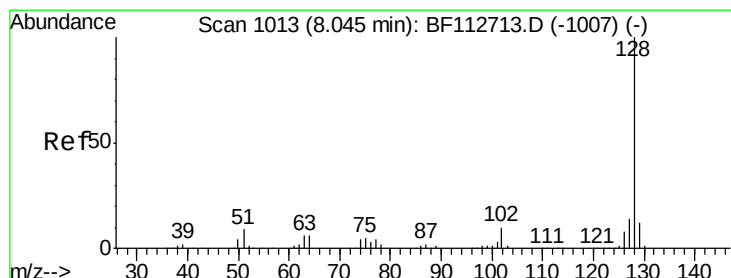
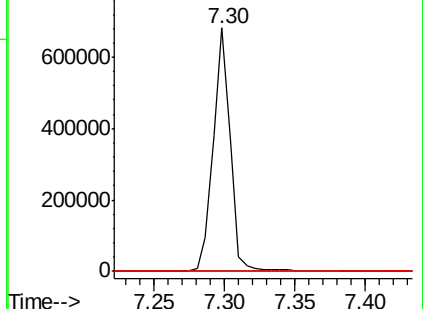
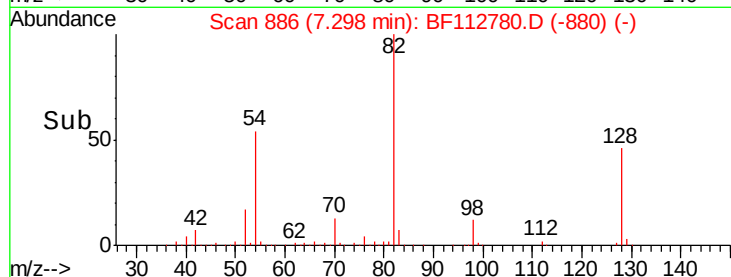


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#31

Naphthalene

Concen: 0.683 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

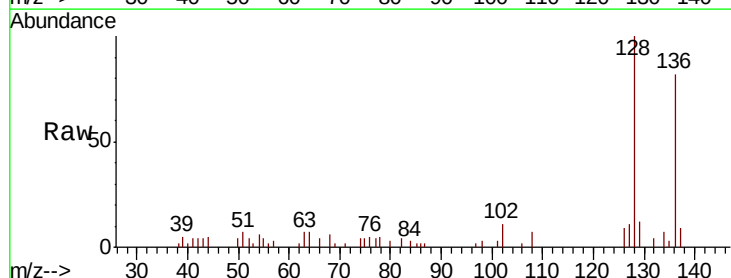
Tgt Ion: 128 Resp: 16594

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

127 11.1 10.9 16.3

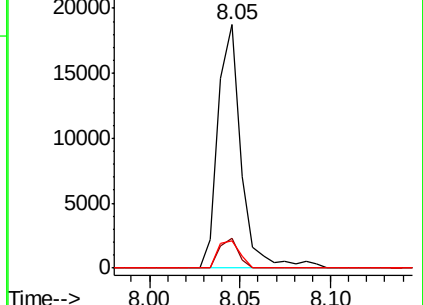
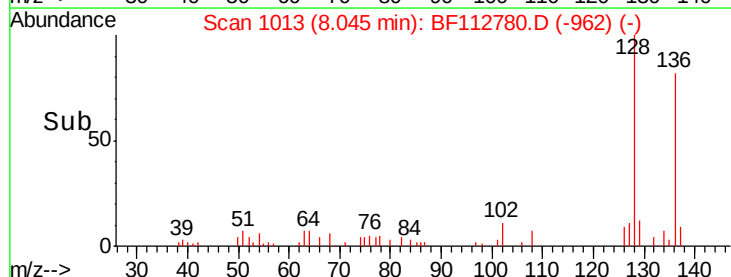


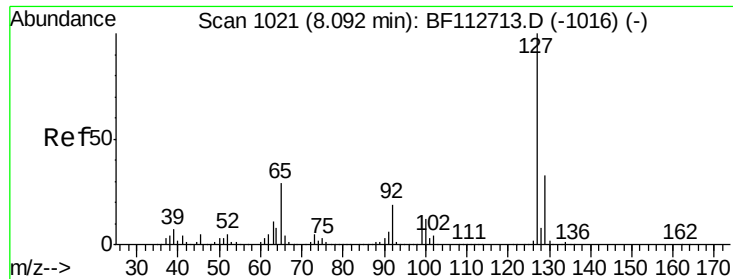
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->

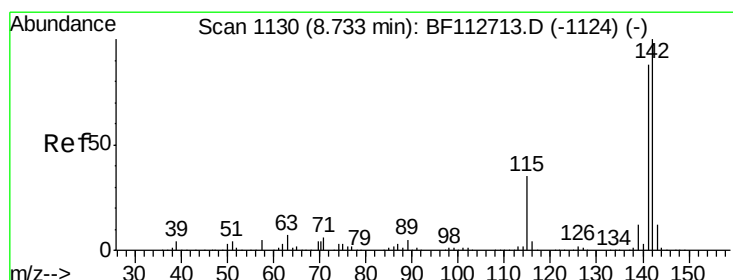
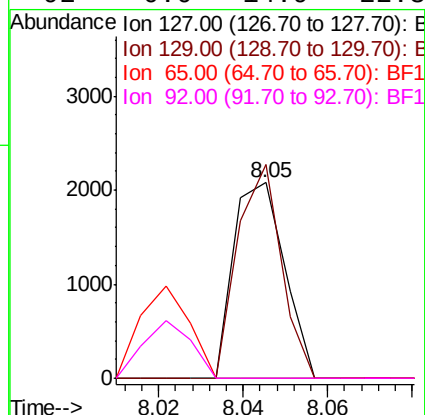
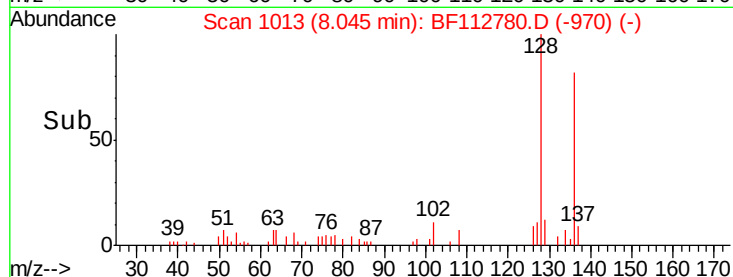
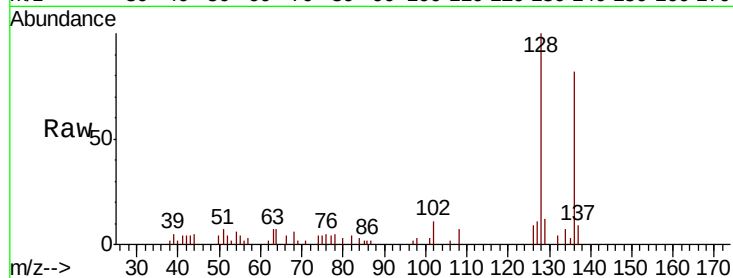




#33
4-Chloroaniline
Concen: 0.169 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

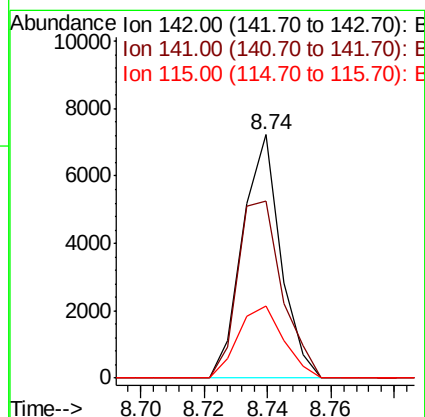
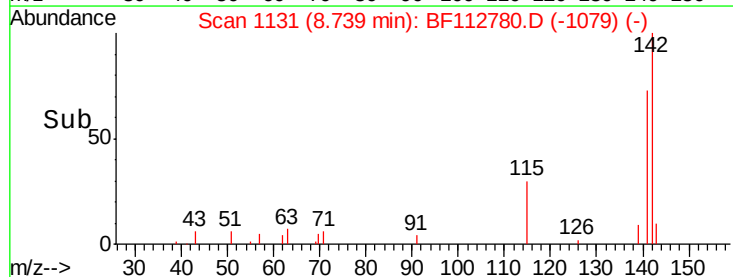
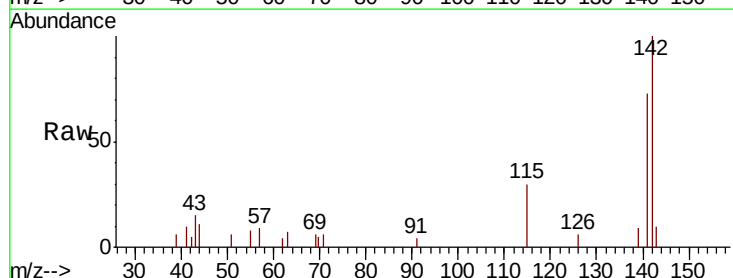
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

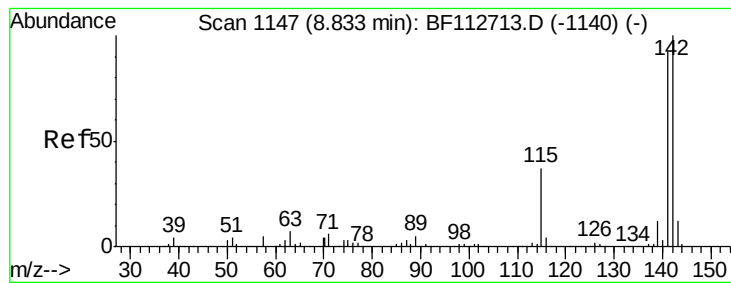
Tgt Ion:	127	Resp:	1737
Ion	Ratio	Lower	Upper
127	100		
129	109.1	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#



#37
2-Methylnaphthalene
Concen: 0.383 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:	142	Resp:	6014
Ion	Ratio	Lower	Upper
142	100		
141	72.6	70.3	105.5
115	29.6	27.8	41.6





#38

1-Methylnaphthalene

Concen: 0.375 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

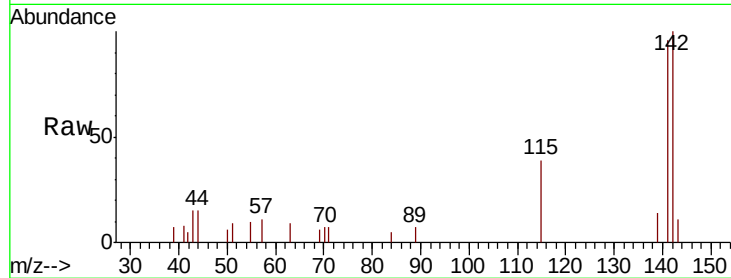
Tgt Ion:142 Resp: 5699

Ion Ratio Lower Upper

142 100

141 95.6 73.7 110.5

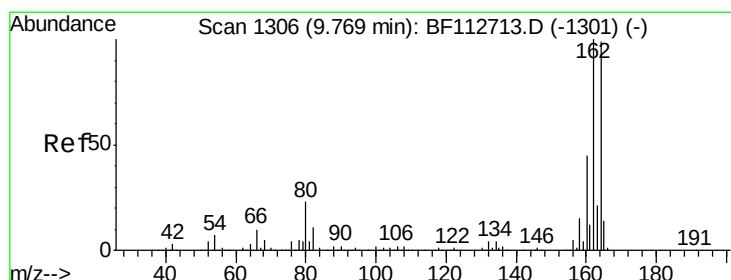
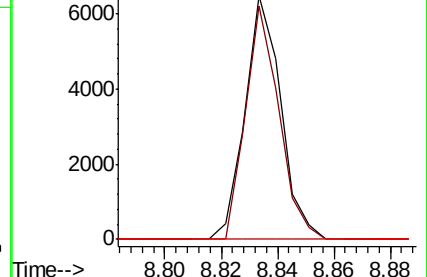
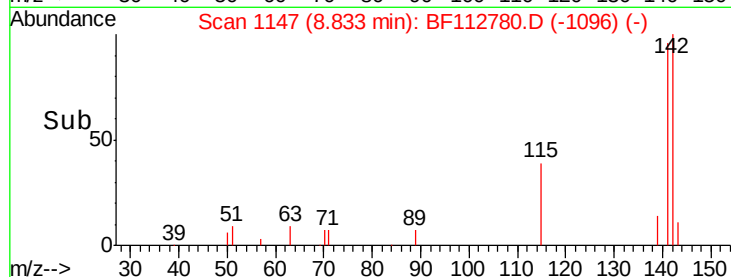
116 0.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

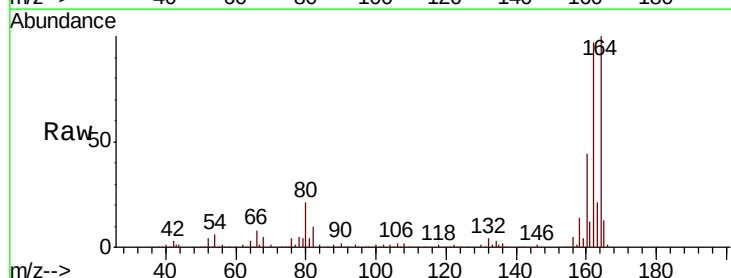
Tgt Ion:164 Resp: 228248

Ion Ratio Lower Upper

164 100

162 96.7 80.6 120.8

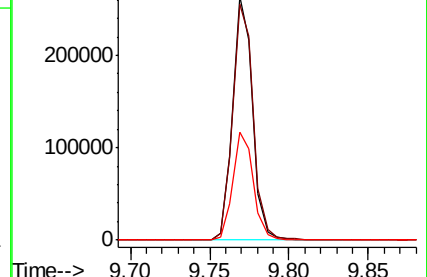
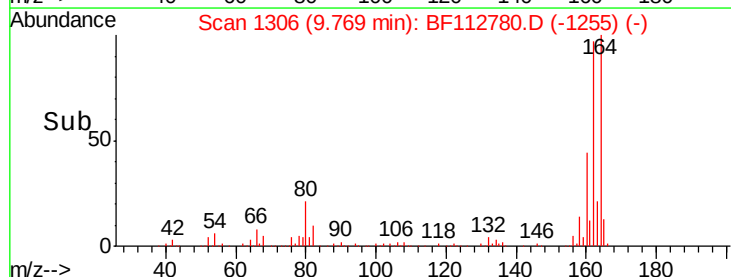
160 44.4 36.0 54.0

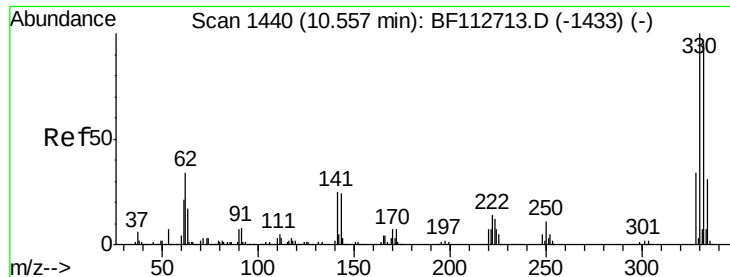


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.424 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

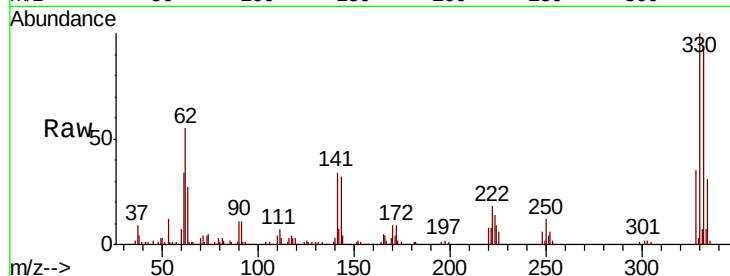
Tgt Ion:330 Resp: 253035

Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

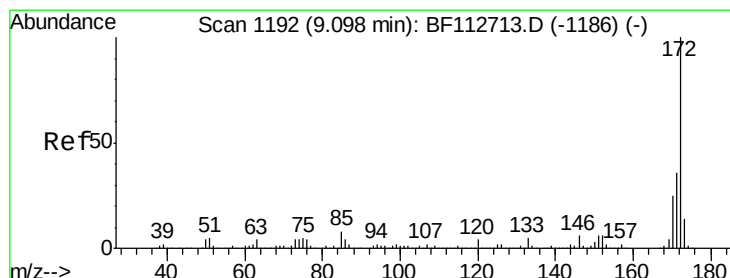
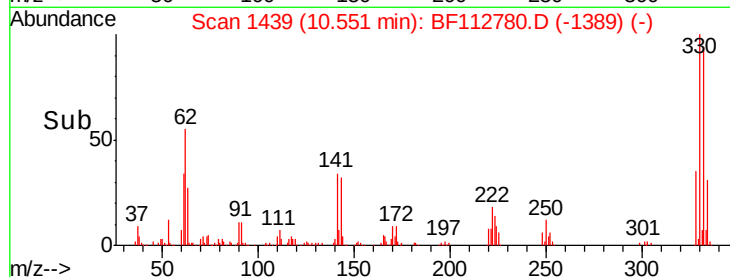
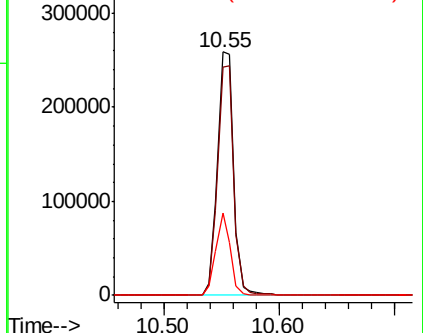
141 30.2 27.0 40.6



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



#45

2-Fluorobiphenyl

Concen: 73.162 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

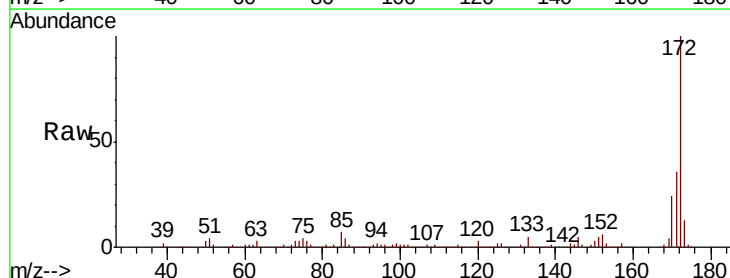
Tgt Ion:172 Resp: 997489

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

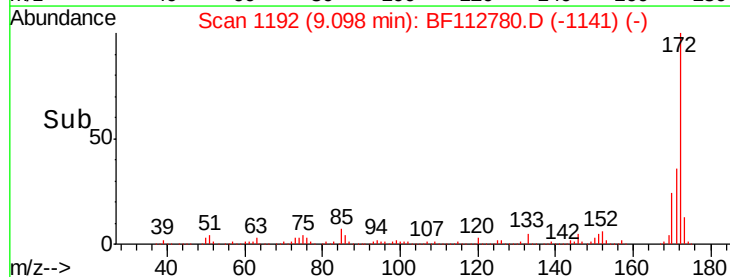
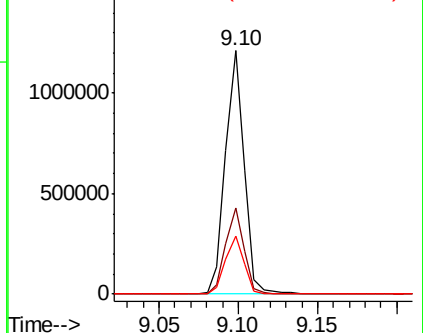
170 23.9 20.0 30.0

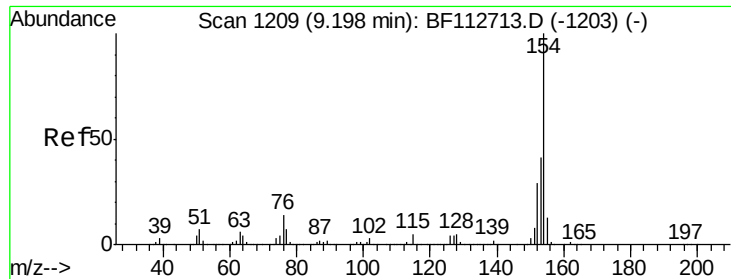


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

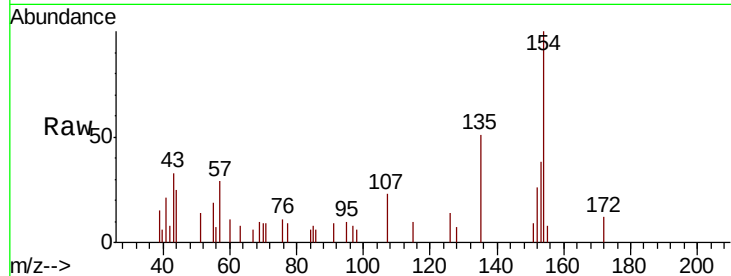




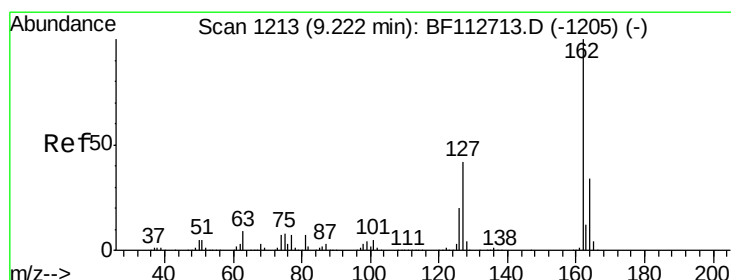
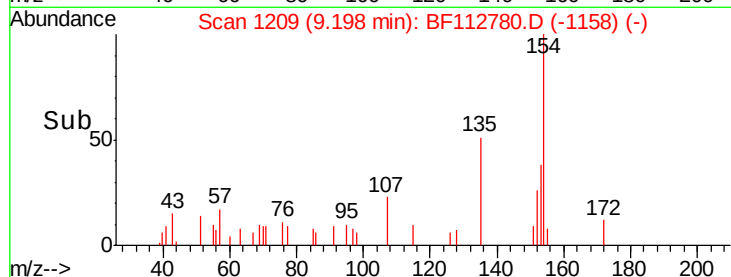
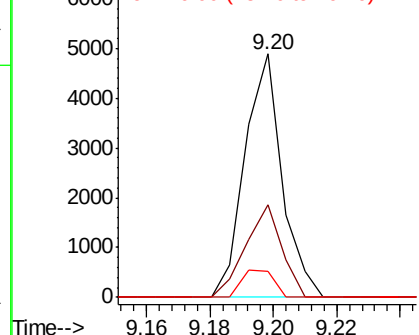
#46
 1,1'-Biphenyl
 Concen: 0.212 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tgt Ion:154 Resp: 3955
 Ion Ratio Lower Upper
 154 100
 153 37.9 20.8 60.8
 76 10.9 0.0 33.8

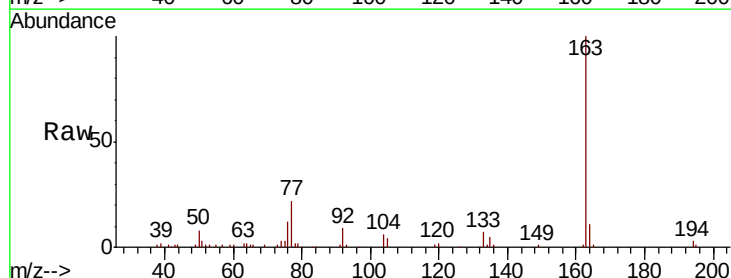


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

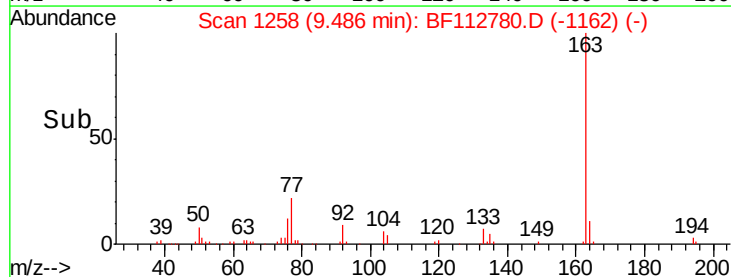
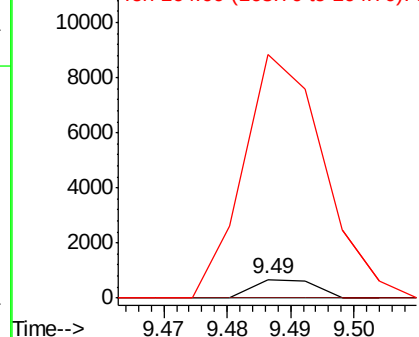


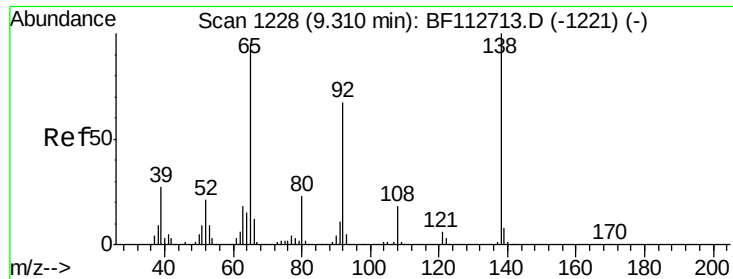
#47
 2-Chloronaphthalene
 Concen: 0.031 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.26 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

Tgt Ion:162 Resp: 449
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.4 50.2#
 164 1328.9 26.9 40.3#



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

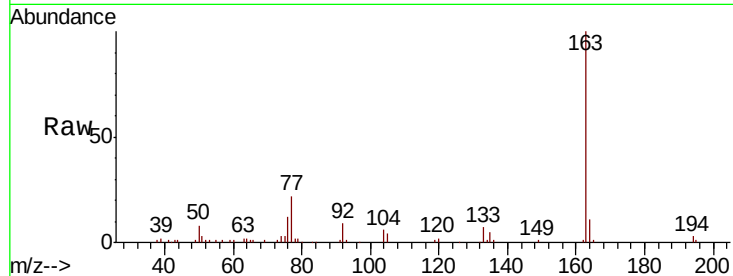




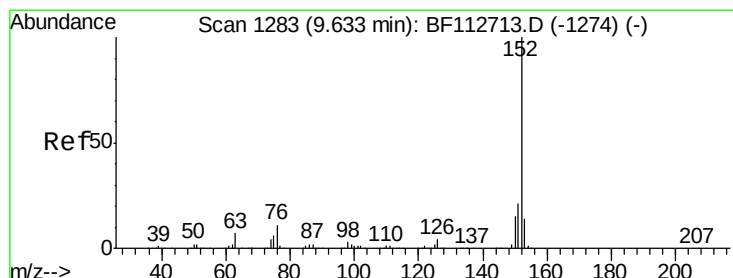
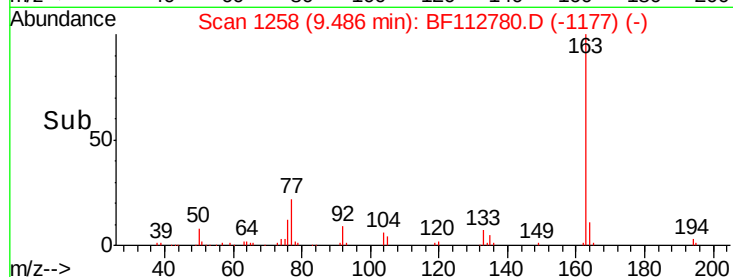
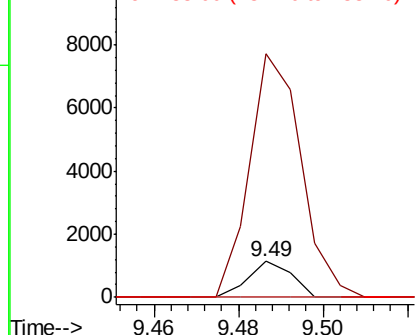
#48
2-Nitroaniline
Concen: 0.183 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.18 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 65 Resp: 810
Ion Ratio Lower Upper
65 100
92 682.5 56.4 84.6#
138 0.0 84.6 126.8#

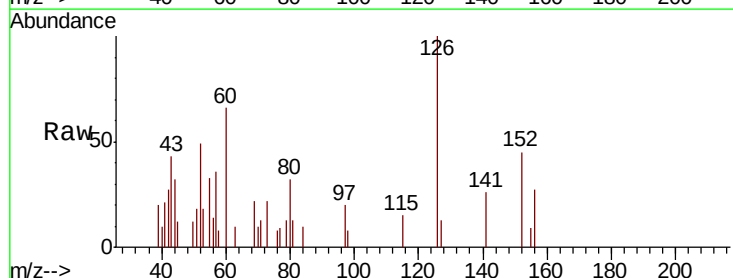


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

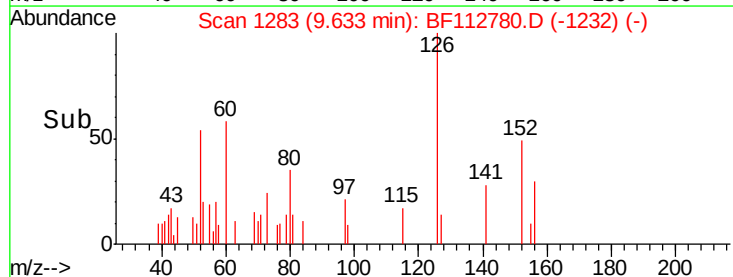
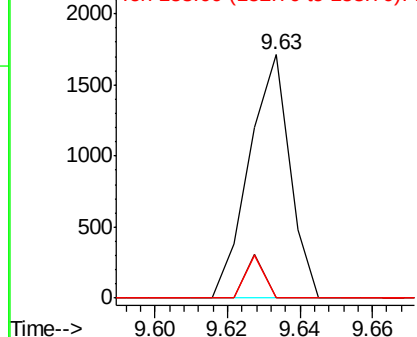


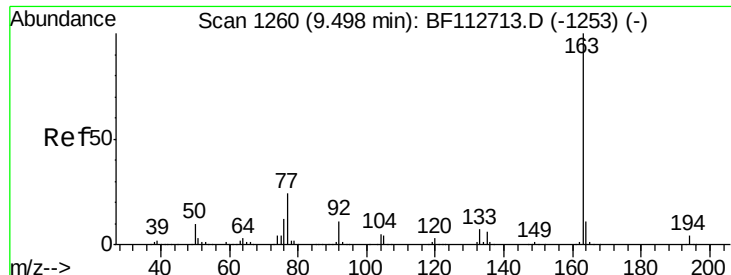
#49
Acenaphthylene
Concen: 0.054 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 152 Resp: 1334
Ion Ratio Lower Upper
152 100
151 0.0 16.9 25.3#
153 0.0 11.0 16.6#



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

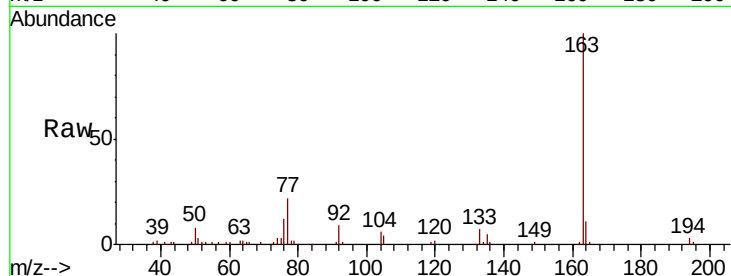




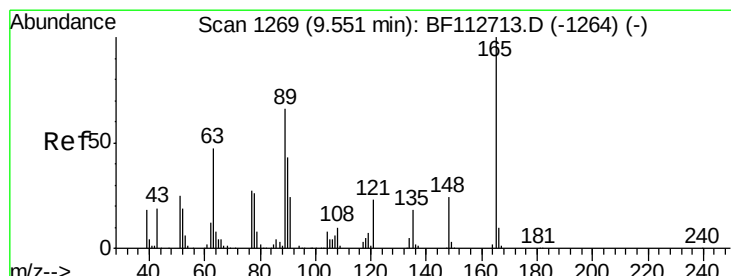
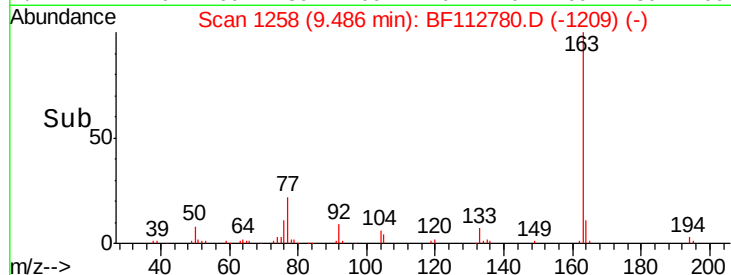
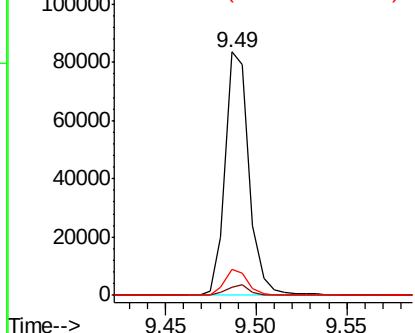
#50
Dimethylphthalate
Concen: 4.574 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:163 Resp: 76978
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.6 8.4 12.6

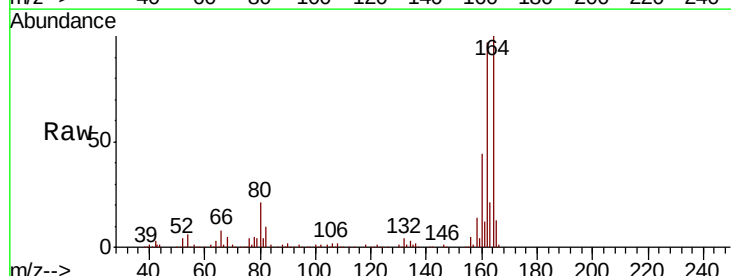


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

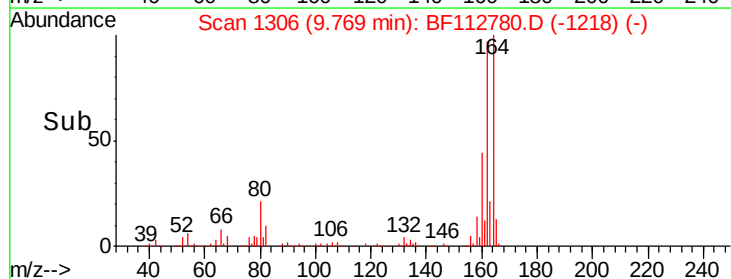
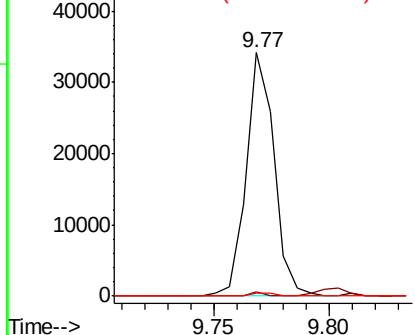


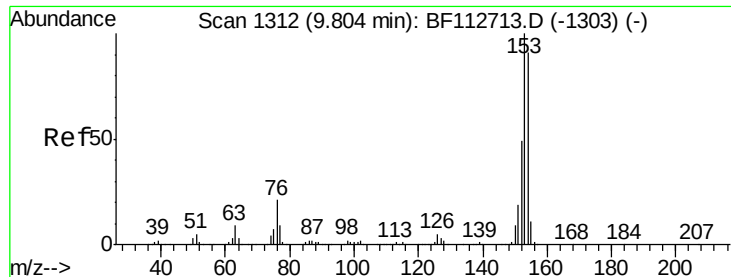
#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:165 Resp: 28872
Ion Ratio Lower Upper
165 100
63 1.6 54.1 81.1#
89 1.3 52.8 79.2#



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





#52

Acenaphthene

Concen: 0.882 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

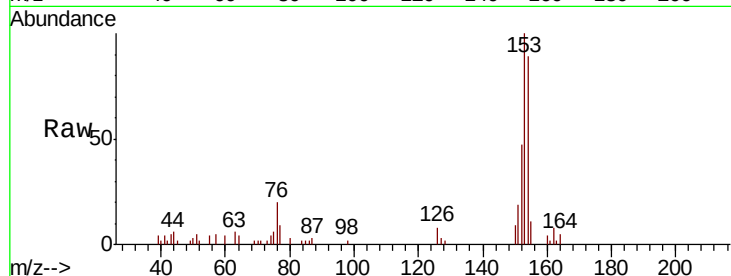
Tgt Ion:154 Resp: 12726

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.8

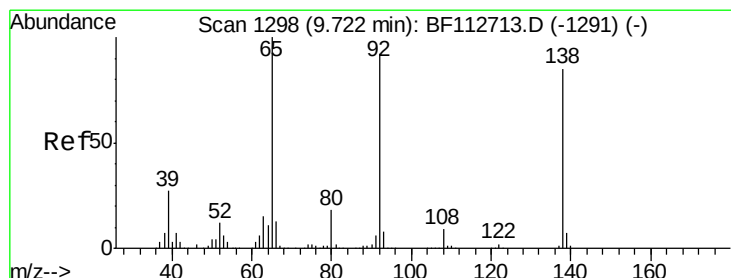
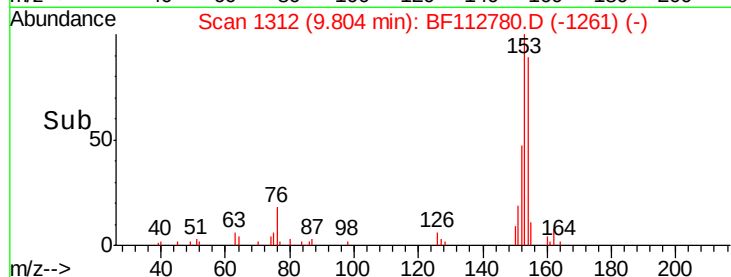
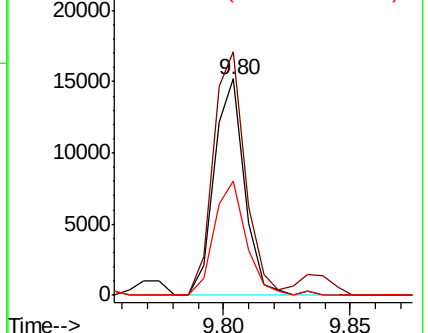
152 52.6 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.026 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.25 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

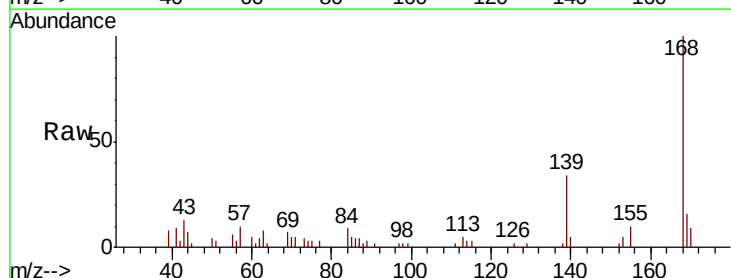
Tgt Ion:138 Resp: 111

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

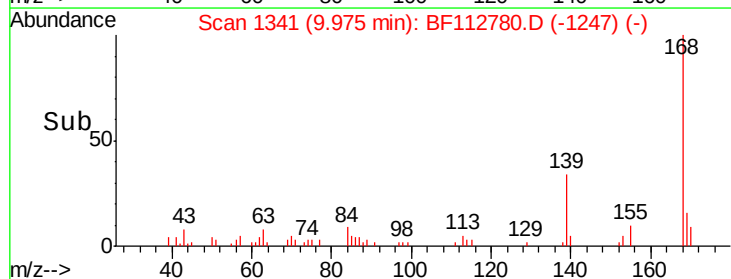
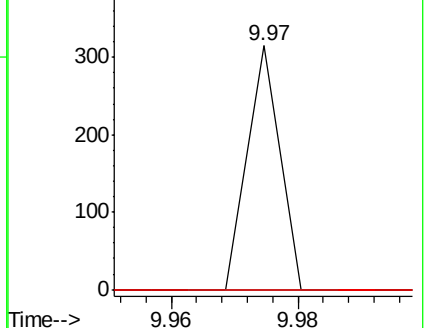
92 0.0 86.6 129.8#

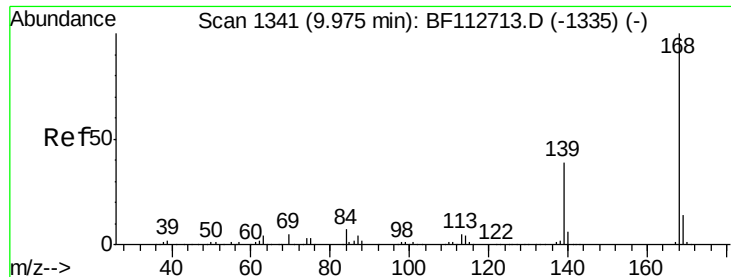


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

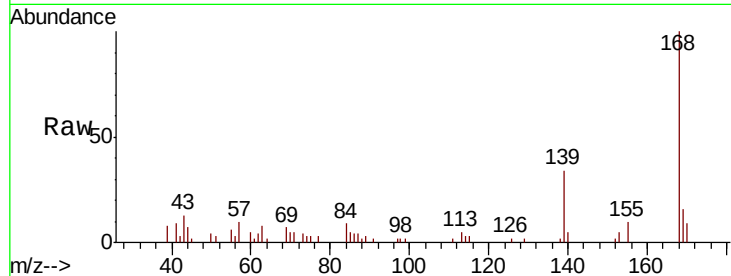




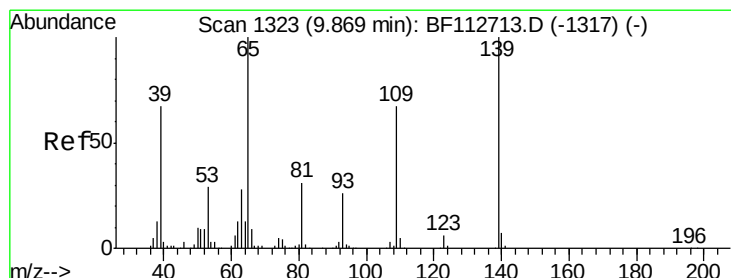
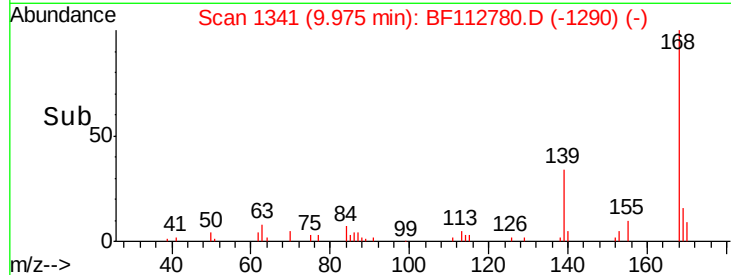
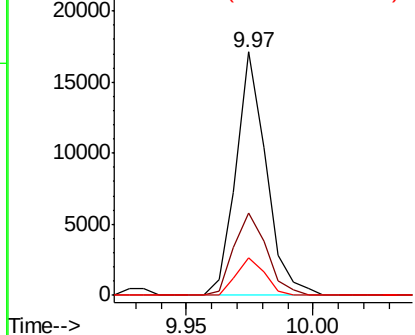
#55
Dibenzenofuran
Concen: 0.674 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:168 Resp: 14131
Ion Ratio Lower Upper
168 100
139 33.6 31.3 46.9
169 15.7 11.3 16.9

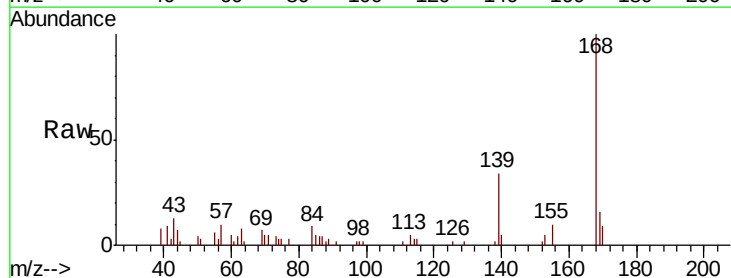


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

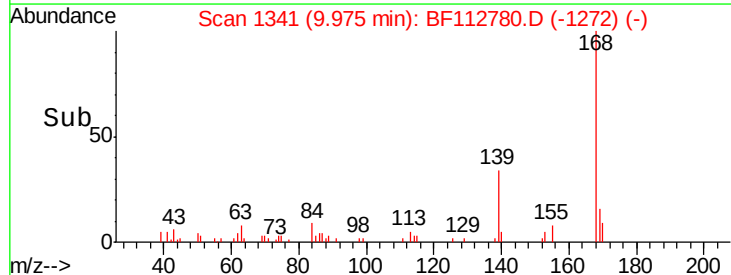
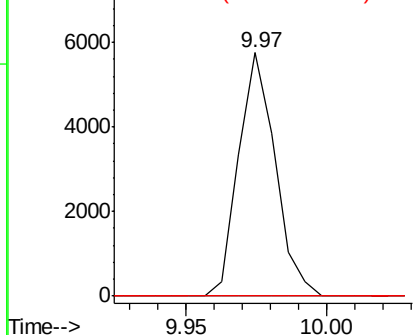


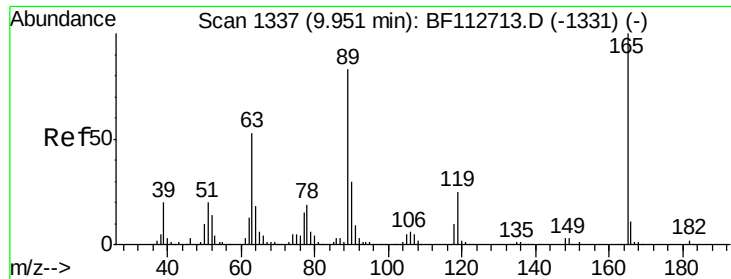
#56
4-Nitrophenol
Concen: 1.496 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.11 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:139 Resp: 5191
Ion Ratio Lower Upper
139 100
109 0.0 46.8 86.8#
65 0.0 80.7 120.7#



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

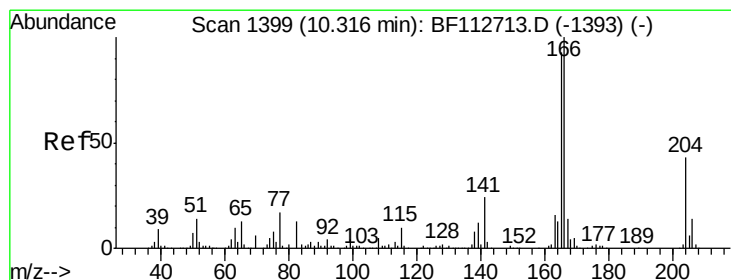
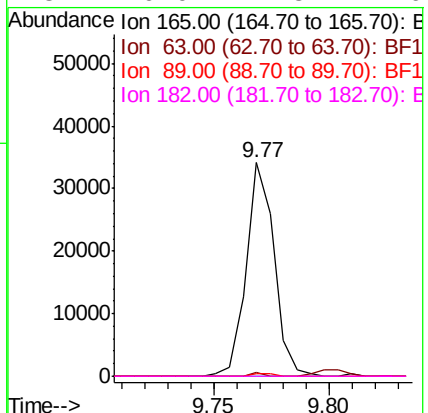
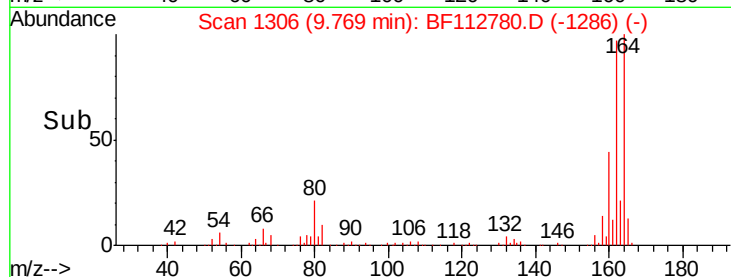
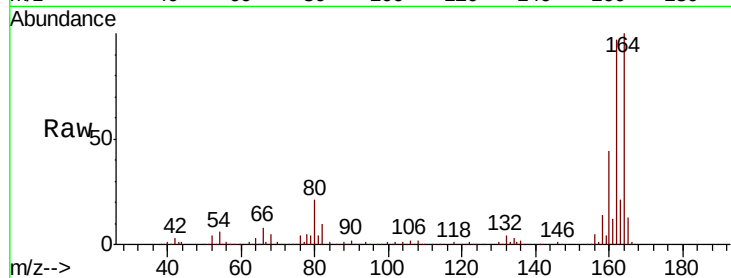




#57
2,4-Dinitrotoluene
Concen: 6.628 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

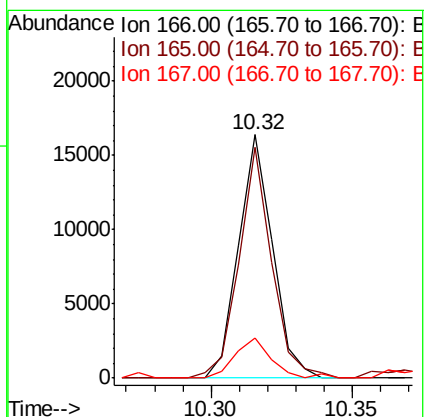
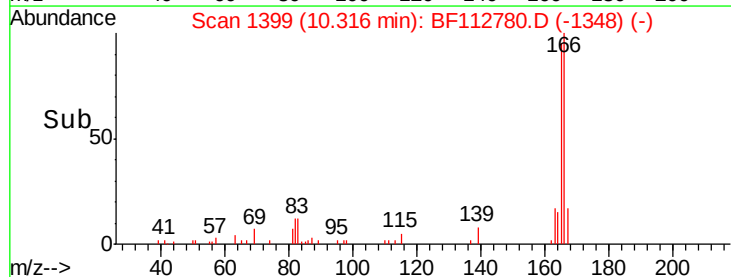
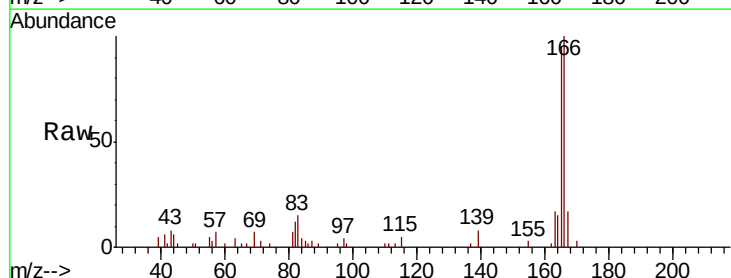
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

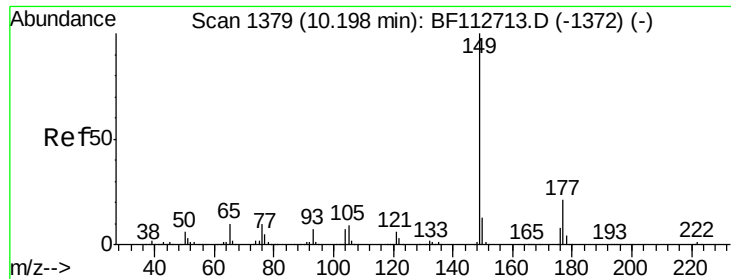
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.920 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	74.7	112.1
167	16.5	11.0	16.6

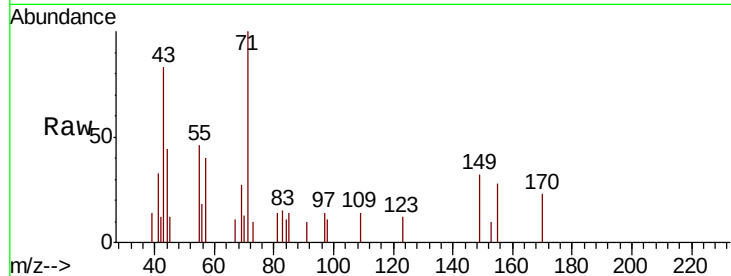




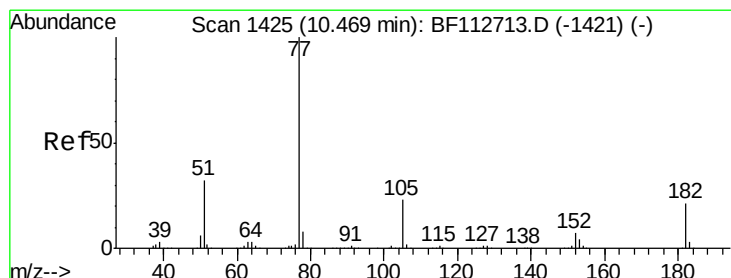
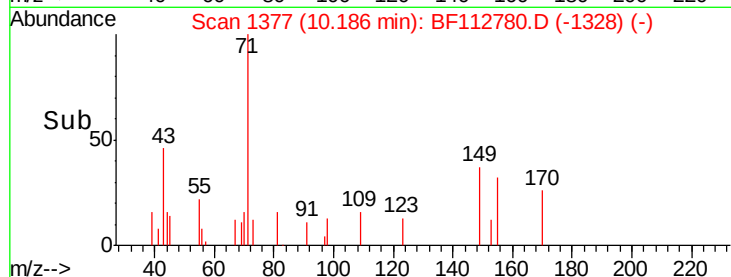
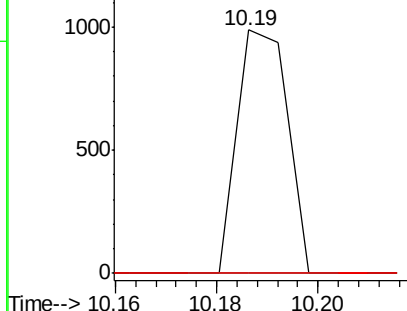
#60
Diethylphthalate
Concen: 0.038 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 149 Resp: 680
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.6#
150 0.0 10.0 15.0#

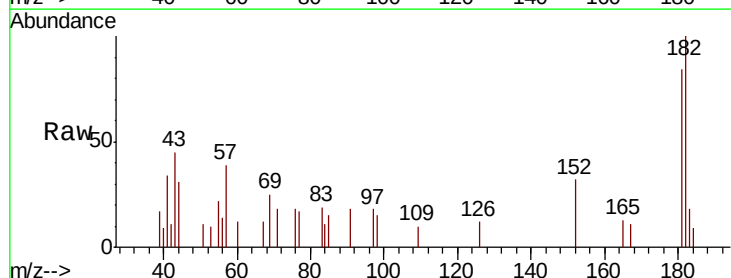


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

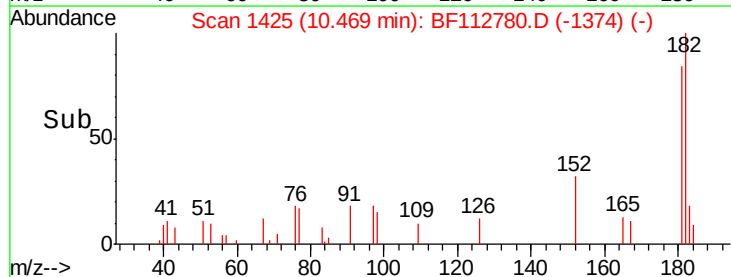
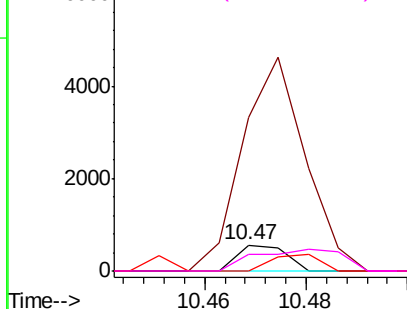


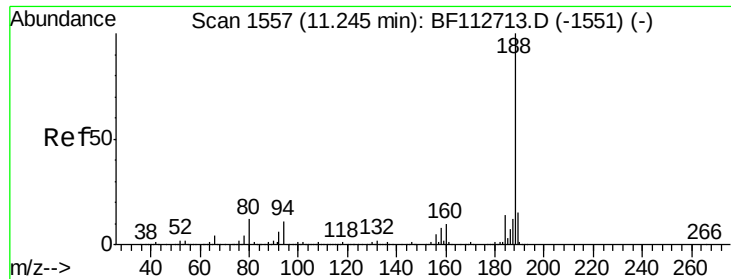
#63
Azobenzene
Concen: 0.021 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 77 Resp: 380
Ion Ratio Lower Upper
77 100
182 589.2 1.4 41.4#
105 0.0 2.6 42.6#
51 65.6 12.0 52.0#



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

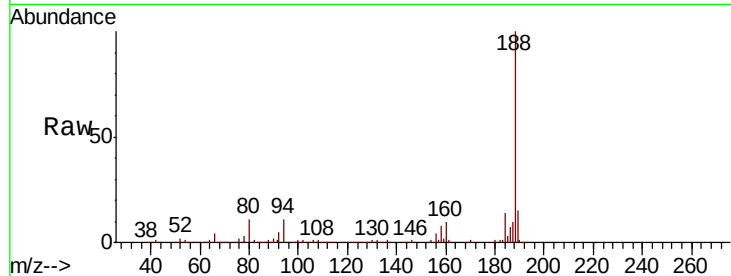




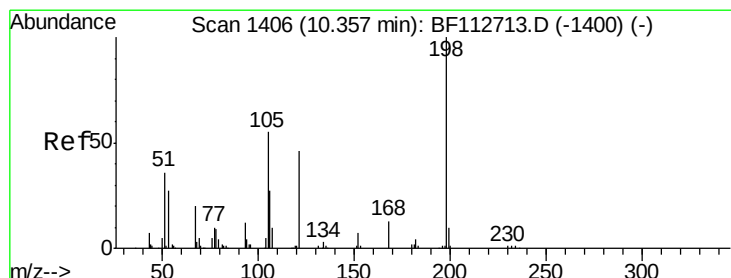
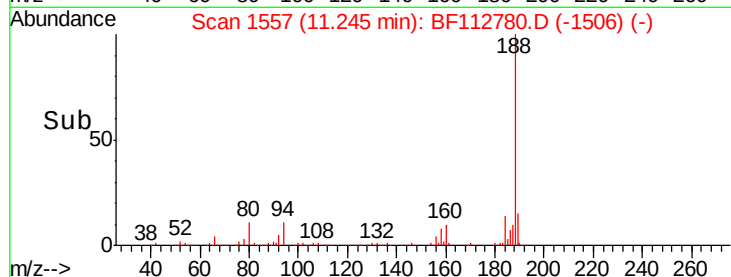
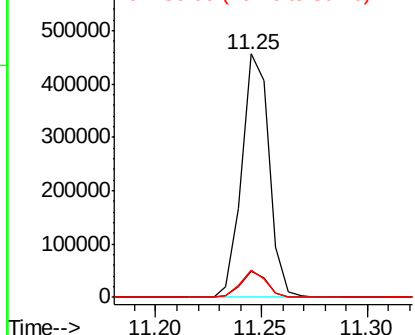
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:188 Resp: 409431
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.2 9.2 13.8

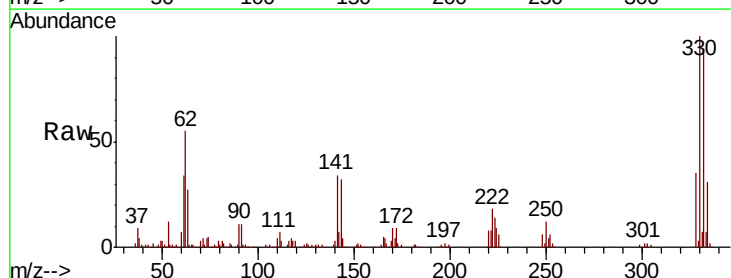


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

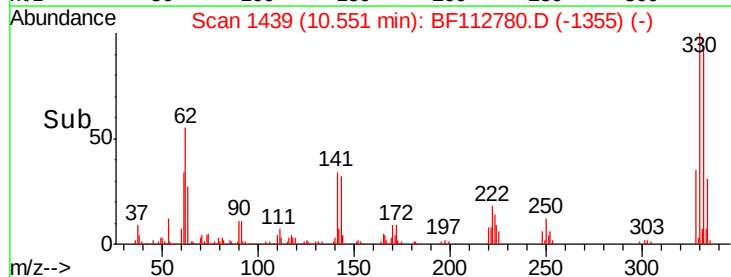
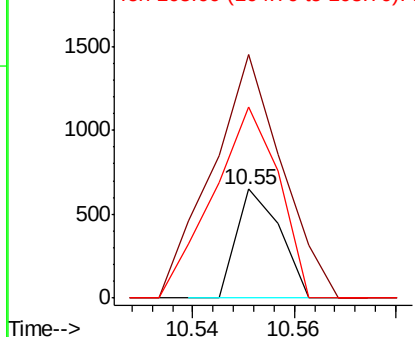


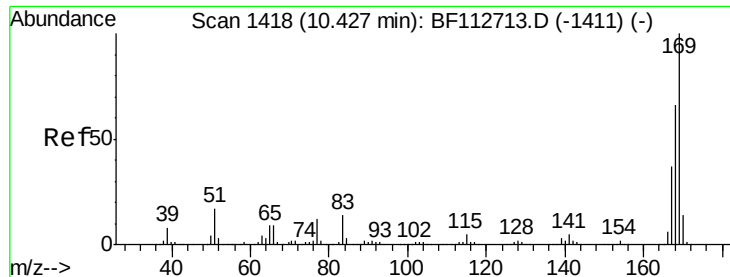
#65
4,6-Dinitro-2-methylphenol
Concen: 4.820 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:198 Resp: 385
Ion Ratio Lower Upper
198 100
51 224.3 43.8 83.8#
105 175.6 36.5 76.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

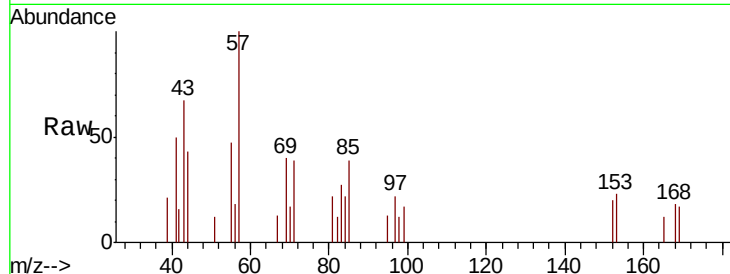




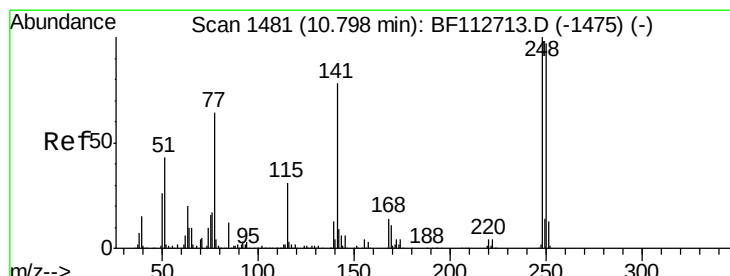
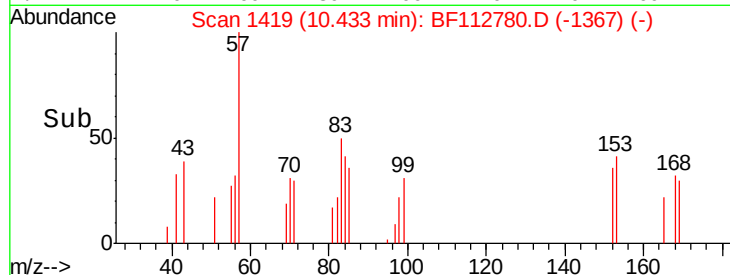
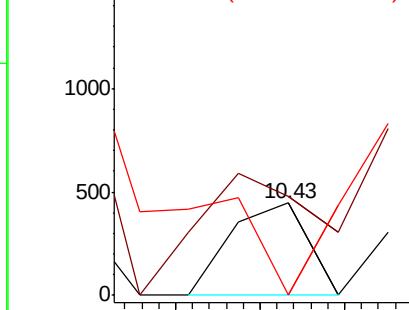
#66
 n-Nitrosodiphenylamine
 Concen: 0.022 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

Instrument :
 BNA_F
 ClientSampled :
 SOIL-PILE

Tgt Ion:169 Resp: 283
 Ion Ratio Lower Upper
 169 100
 168 107.4 53.0 79.6#
 167 0.0 29.3 43.9#

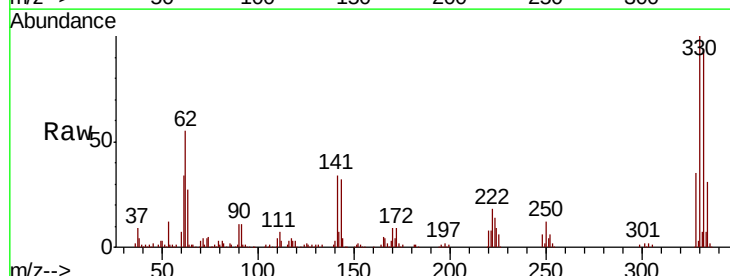


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

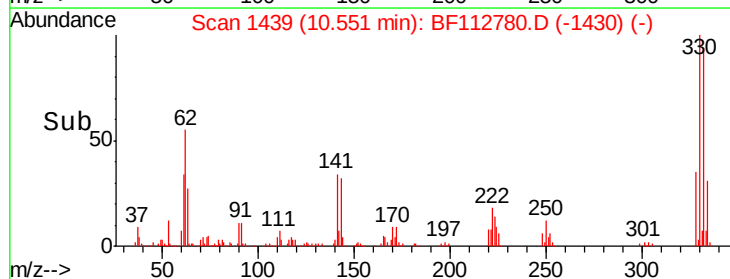
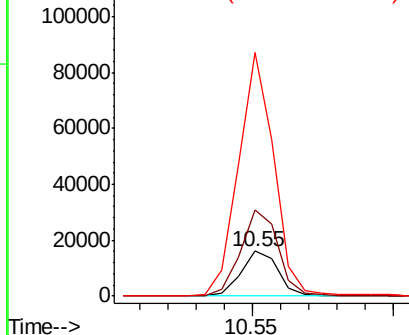


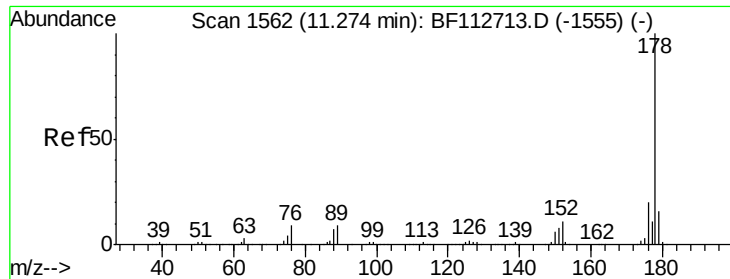
#67
 4-Bromophenyl-phenylether
 Concen: 3.337 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

Tgt Ion:248 Resp: 14392
 Ion Ratio Lower Upper
 248 100
 250 191.5 77.5 116.3#
 141 542.4 62.4 93.6#



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

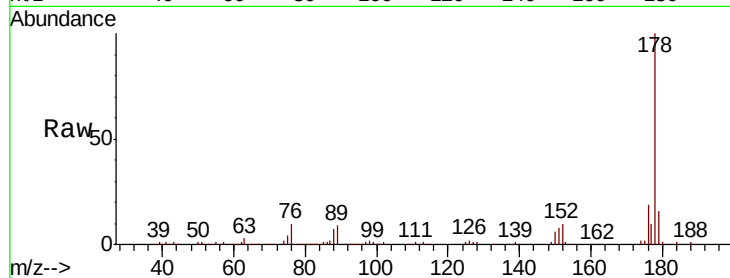




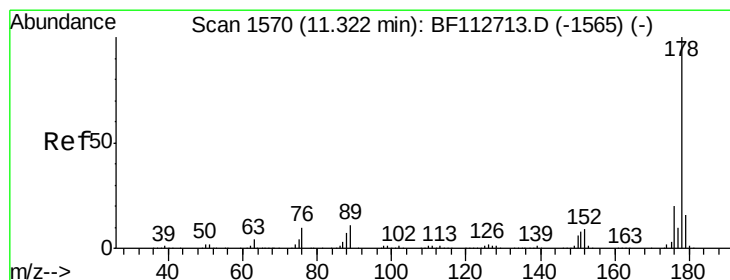
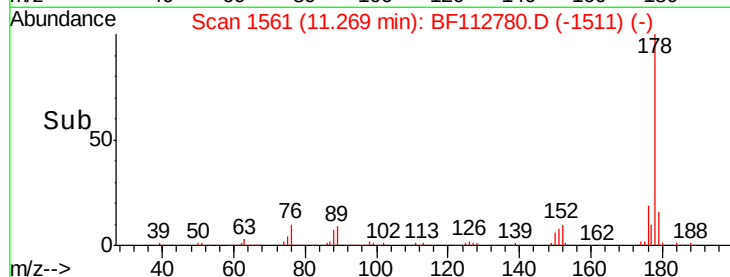
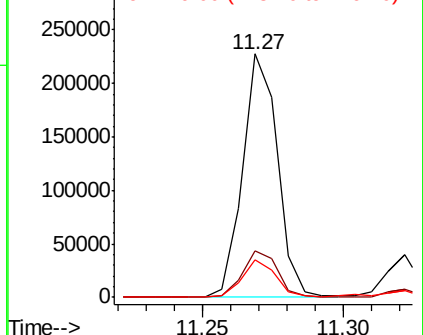
#71
Phenanthrene
Concen: 9.553 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:178 Resp: 194606
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.5 12.7 19.1

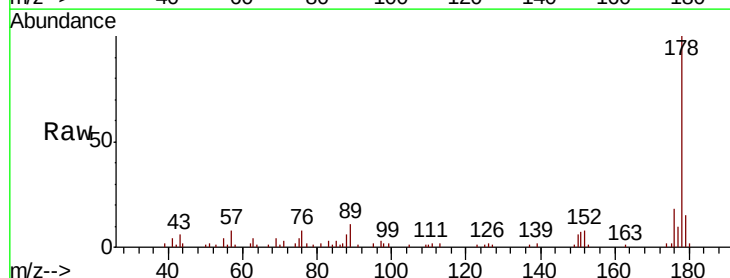


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

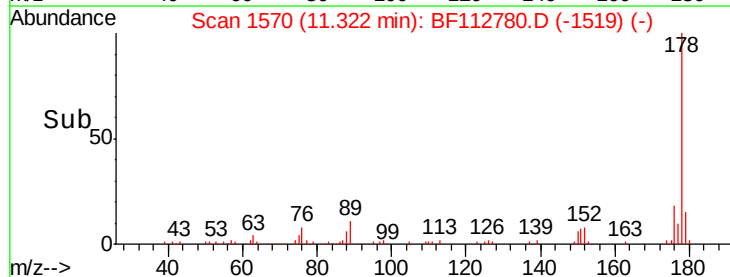
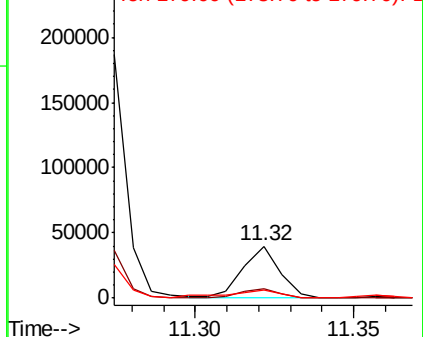


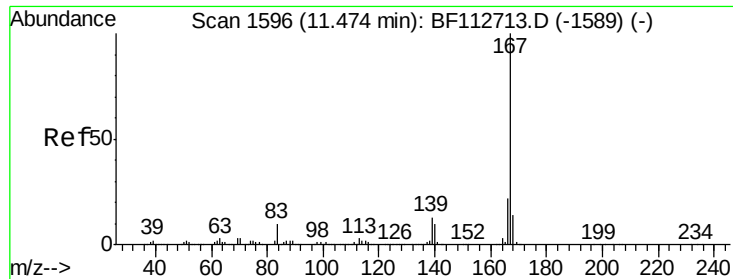
#72
Anthracene
Concen: 1.497 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:178 Resp: 31918
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.6
179 14.8 13.0 19.6



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

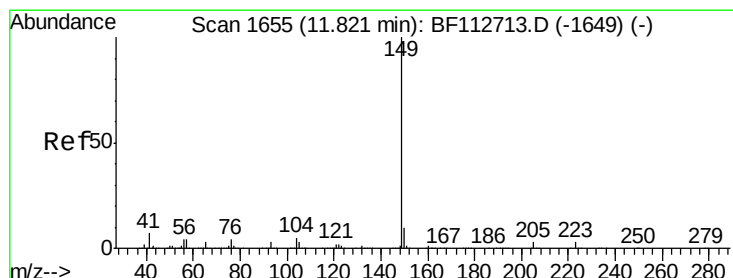
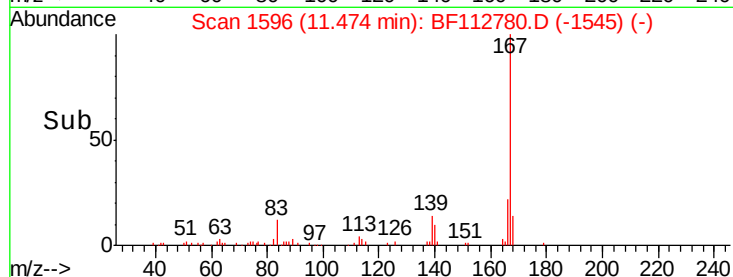
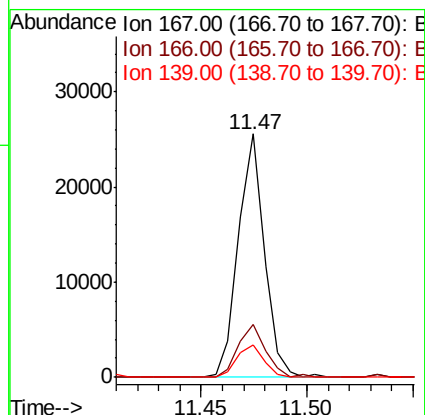
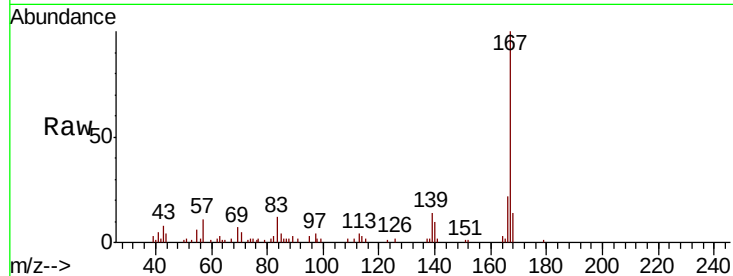




#73
 Carbazole
 Concen: 1.047 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

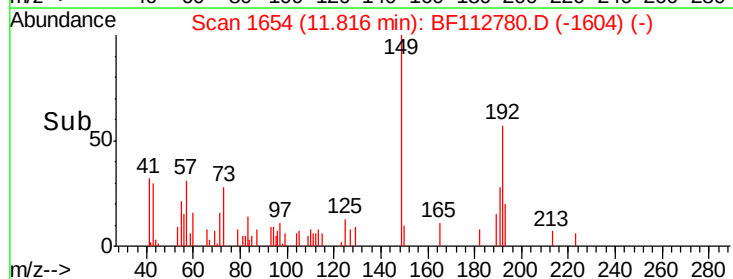
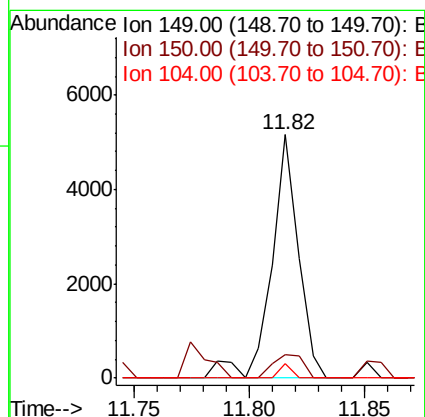
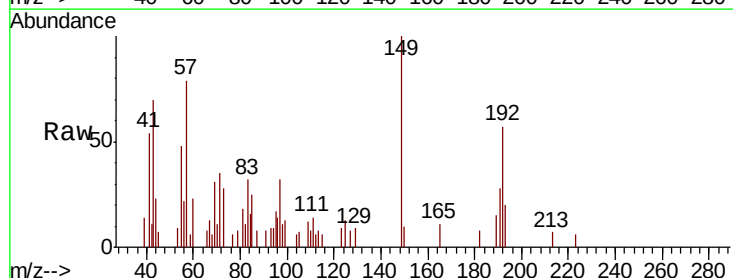
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

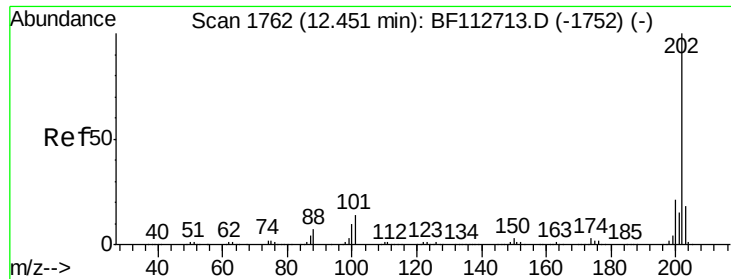
Tgt Ion:167 Resp: 21788
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.168 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF112780.D
 Acq: 1 Mar 2019 00:00

Tgt Ion:149 Resp: 4200
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 6.2 3.7 5.5#





#75

Fluoranthene

Concen: 7.188 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

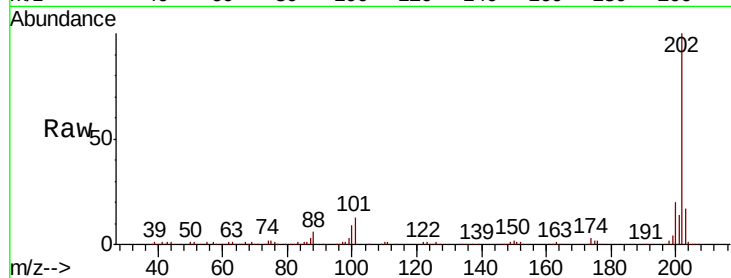
Tgt Ion: 202 Resp: 156869

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.8

203 17.0 0.0 38.4

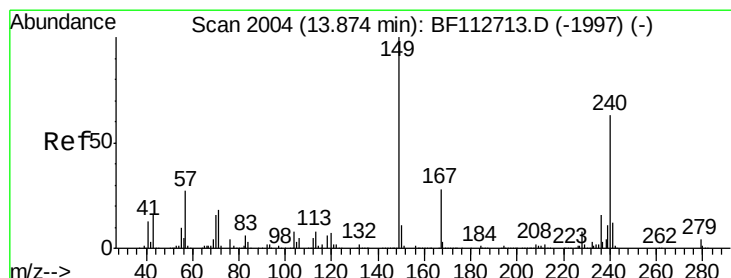
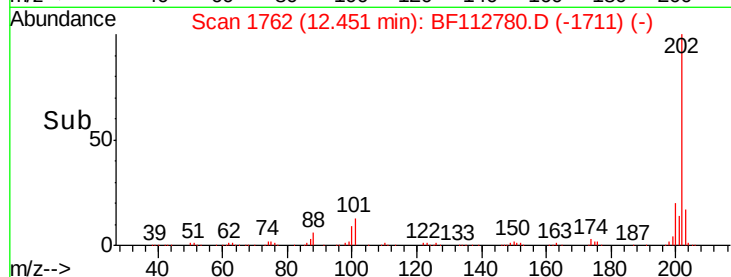
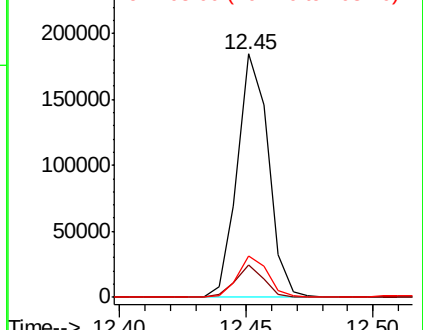


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

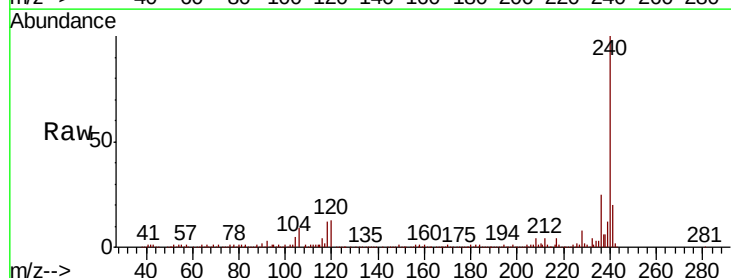
Tgt Ion: 240 Resp: 264478

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

236 25.5 20.7 31.1

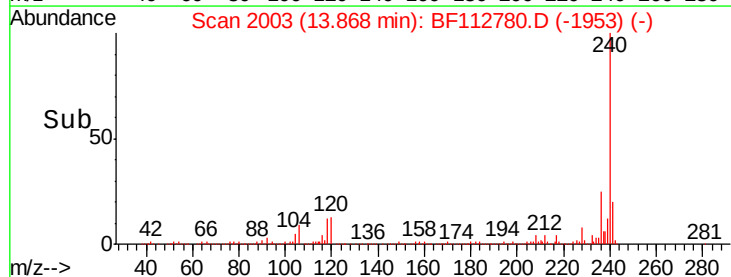
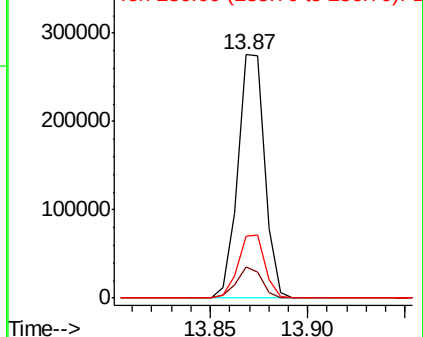


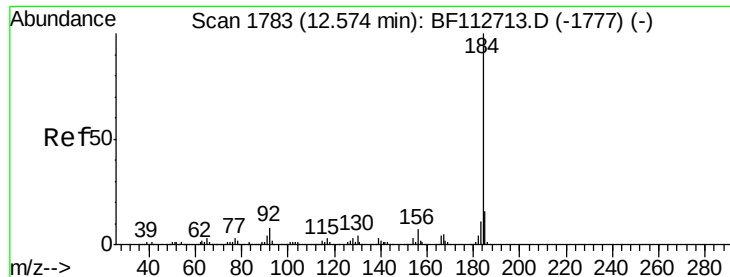
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.714 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

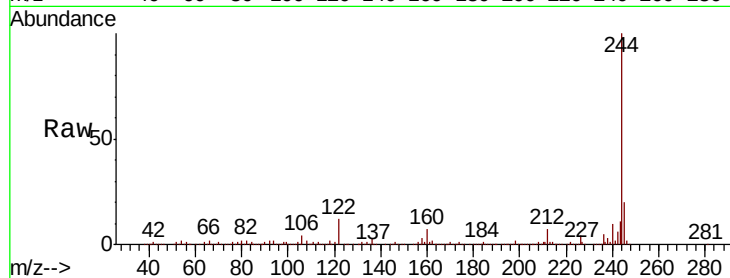
Tgt Ion:184 Resp: 9800

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

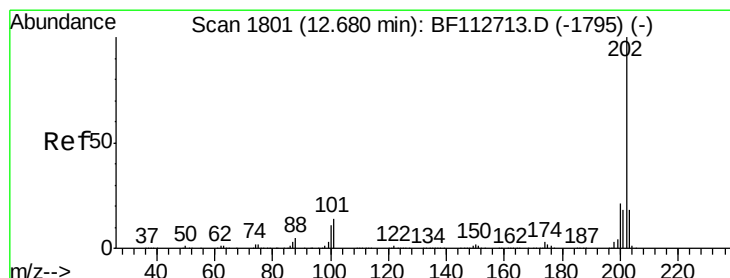
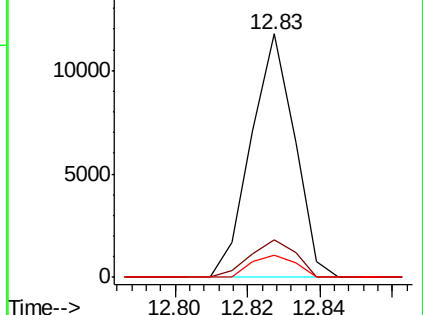
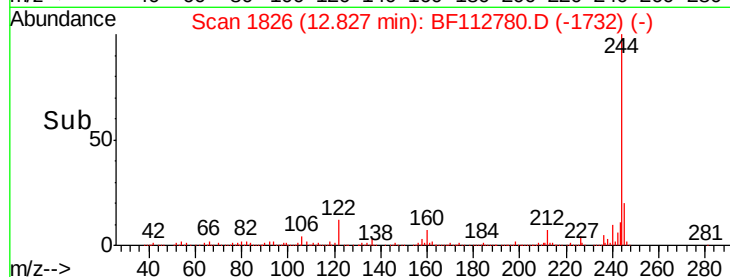
183 8.8 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.179 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

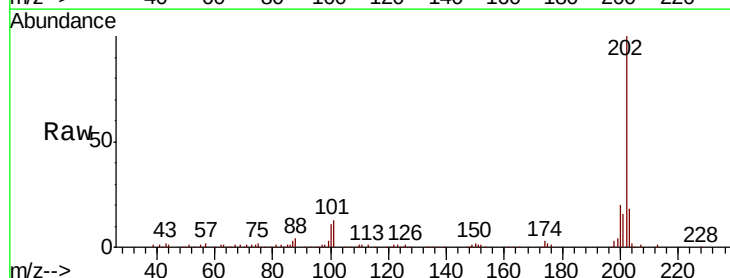
Tgt Ion:202 Resp: 115480

Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.4

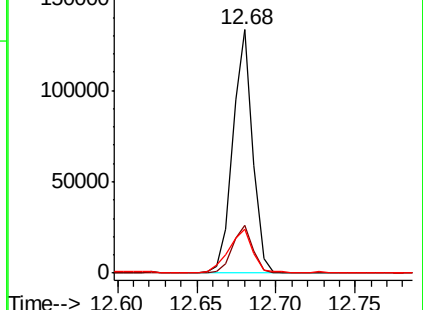
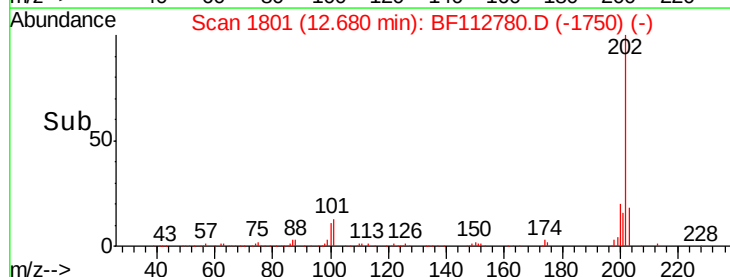
203 17.8 14.4 21.6

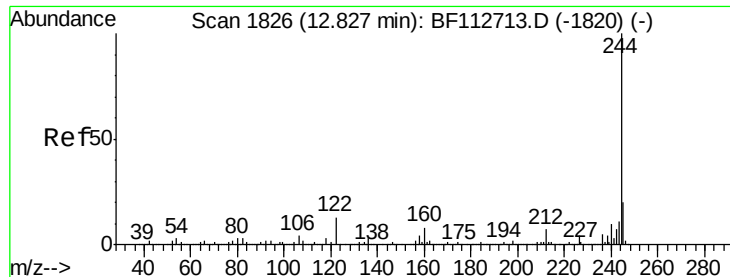


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.789 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

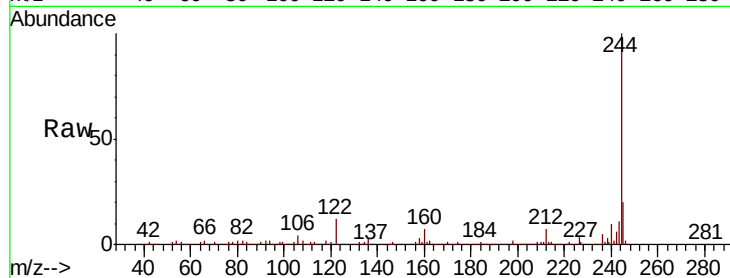
Tgt Ion:244 Resp: 815731

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

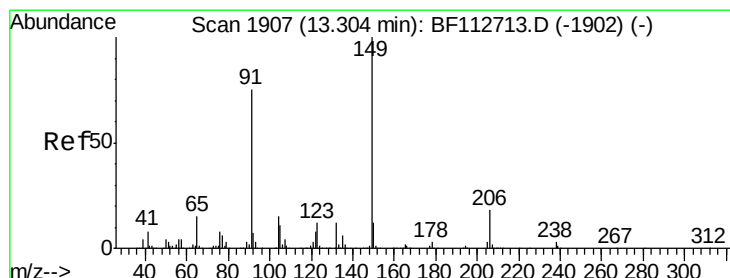
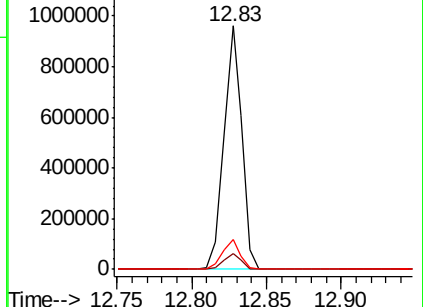
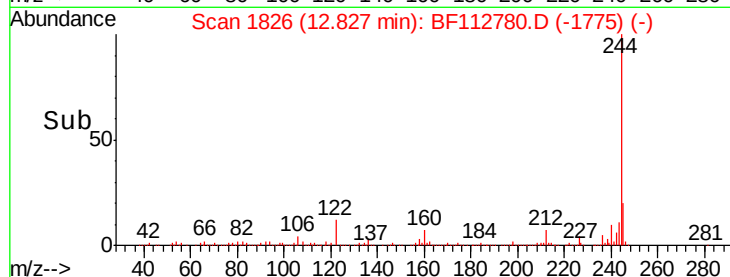
122 12.2 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.029 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

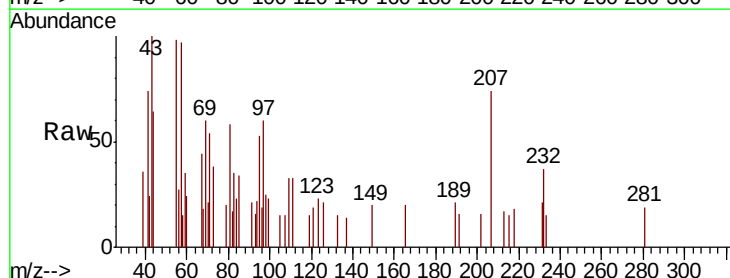
Tgt Ion:149 Resp: 288

Ion Ratio Lower Upper

149 100

91 108.1 59.9 89.9#

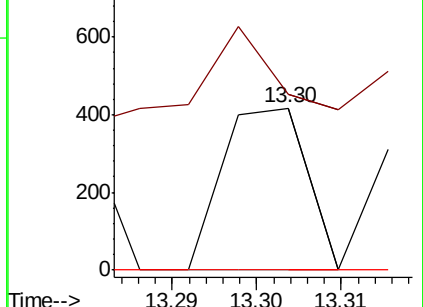
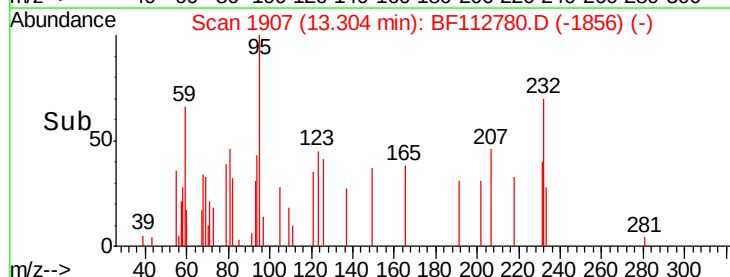
206 0.0 14.7 22.1#

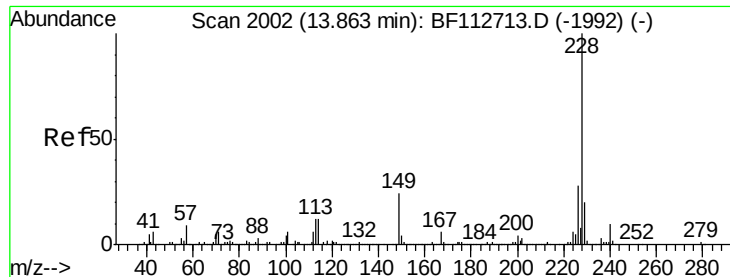


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.589 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

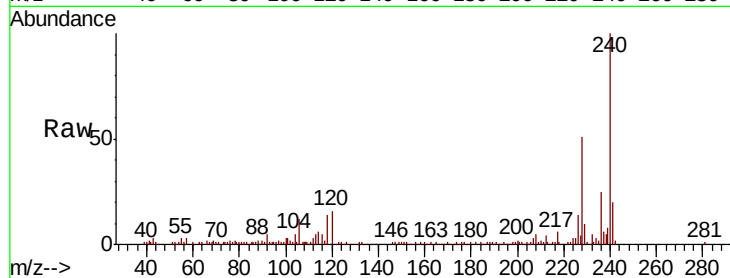
Tgt Ion:228 Resp: 47453

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

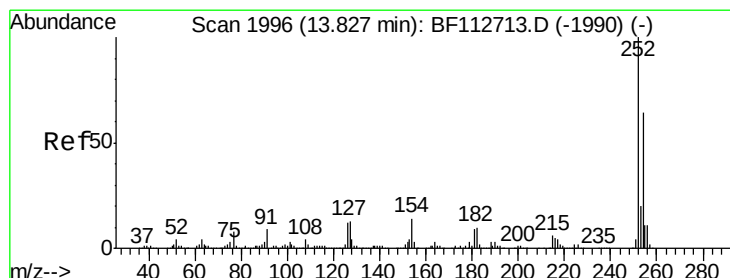
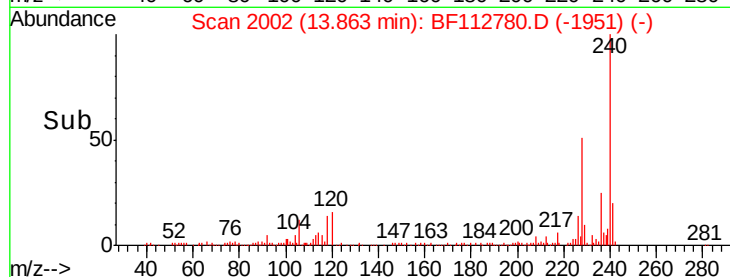
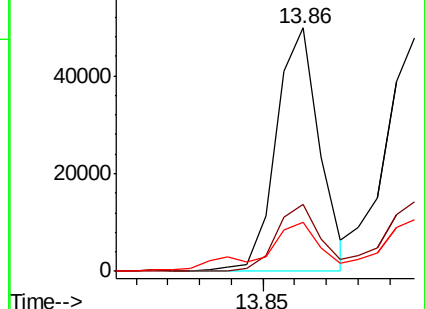
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.041 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.09 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

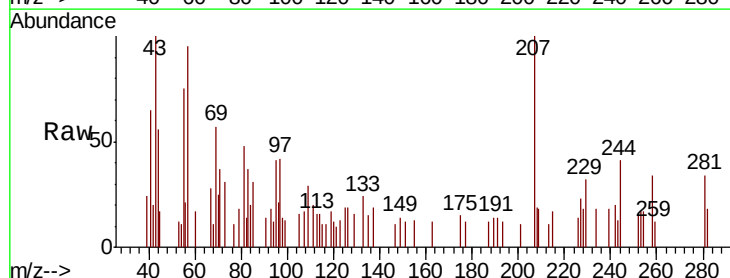
Tgt Ion:252 Resp: 282

Ion Ratio Lower Upper

252 100

254 107.7 51.1 76.7#

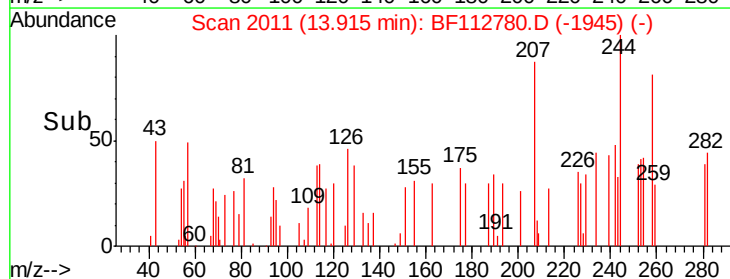
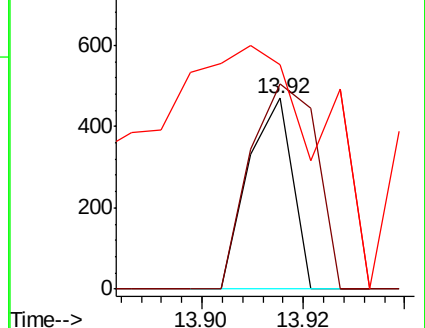
126 117.9 9.9 14.9#

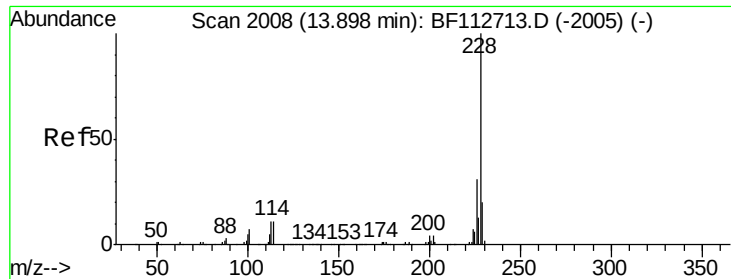


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 2.584 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

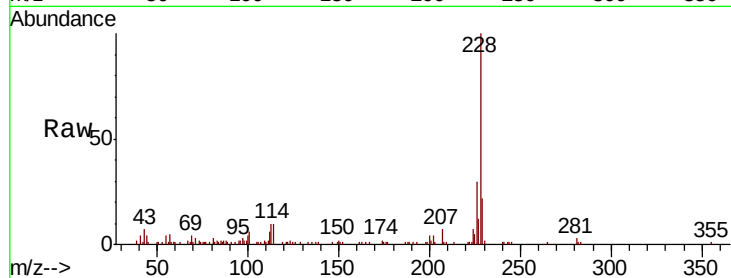
Tgt Ion:228 Resp: 46390

Ion Ratio Lower Upper

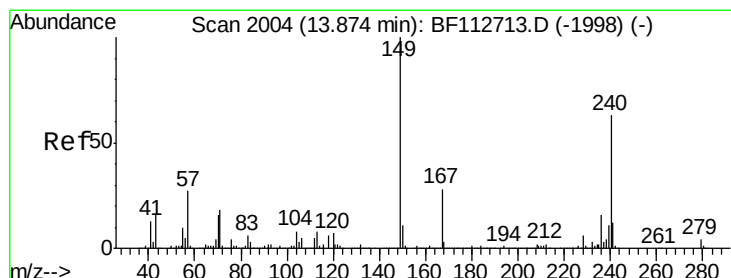
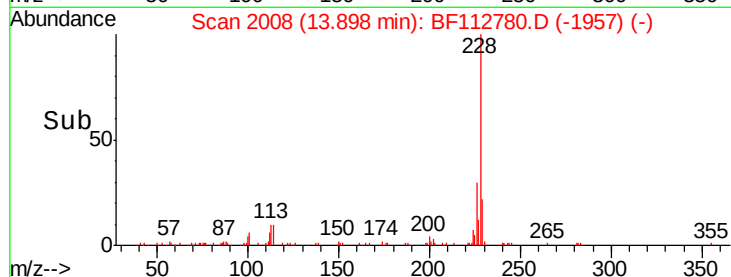
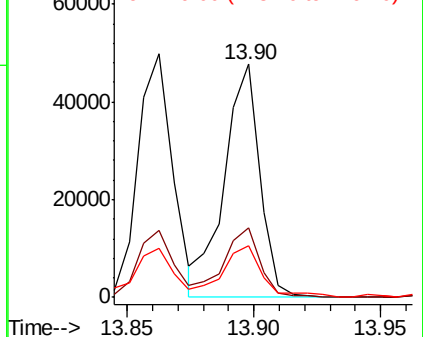
228 100

226 29.6 24.9 37.3

229 22.0 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.277 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112780.D

Acq: 1 Mar 2019 00:00

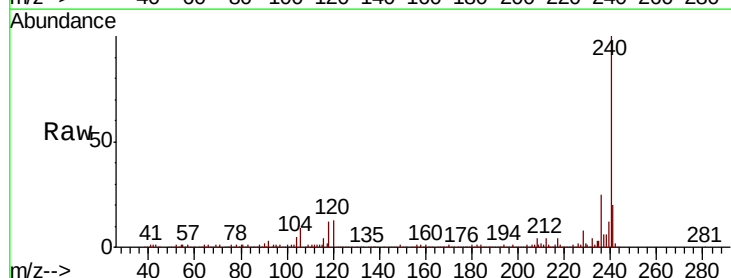
Tgt Ion:149 Resp: 3202

Ion Ratio Lower Upper

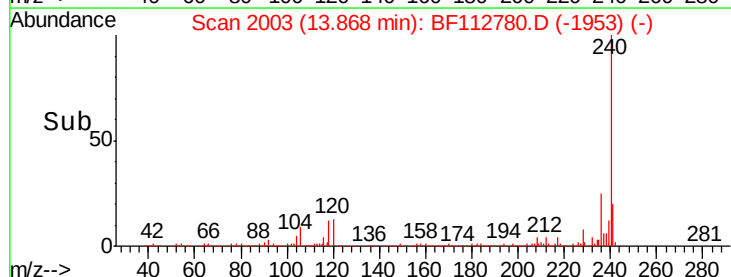
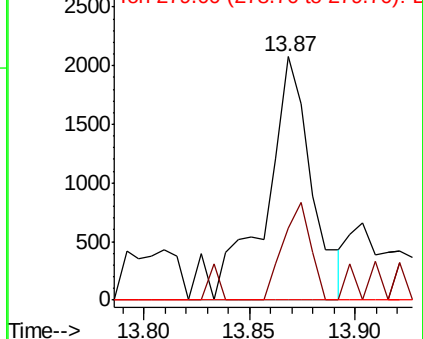
149 100

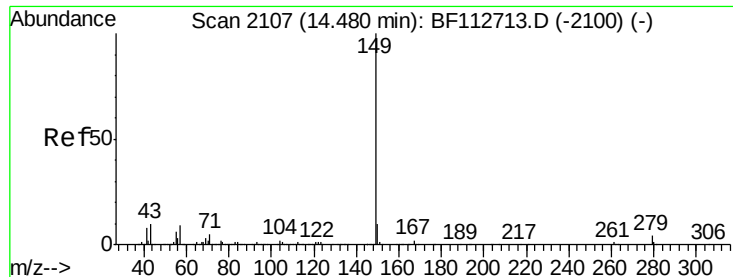
167 29.6 22.4 33.6

279 0.0 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

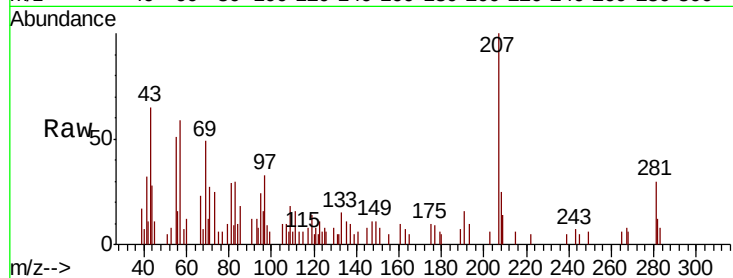




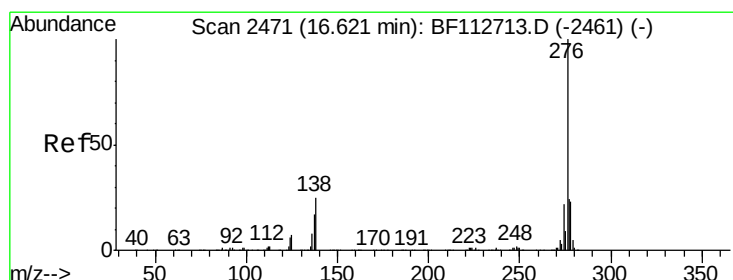
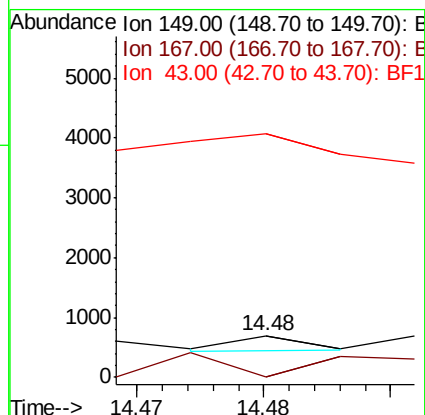
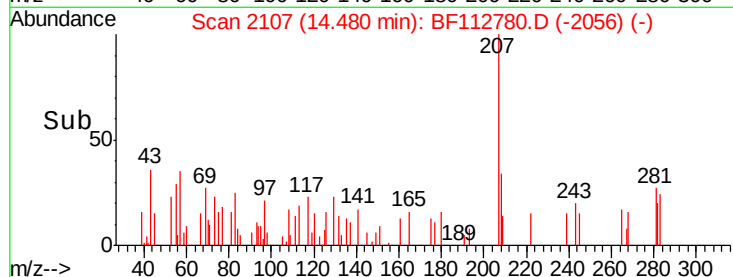
#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:149 Resp: 105
Ion Ratio Lower Upper
149 100
167 322.9 1.2 1.8#
43 0.0 9.0 13.4#

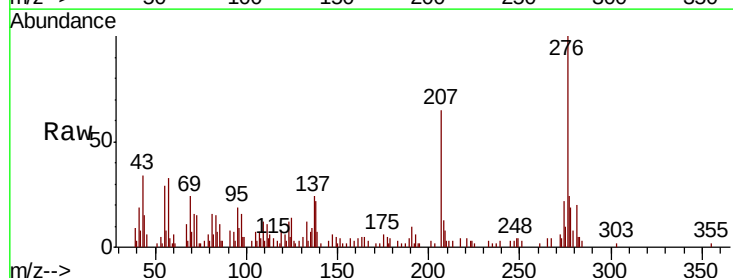


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

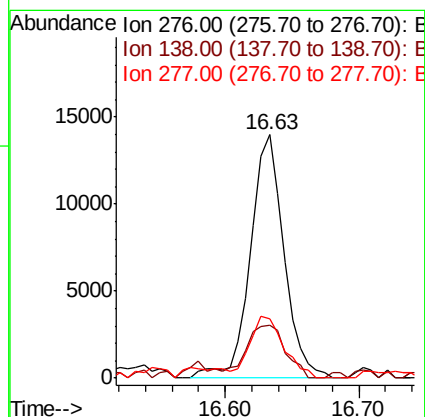
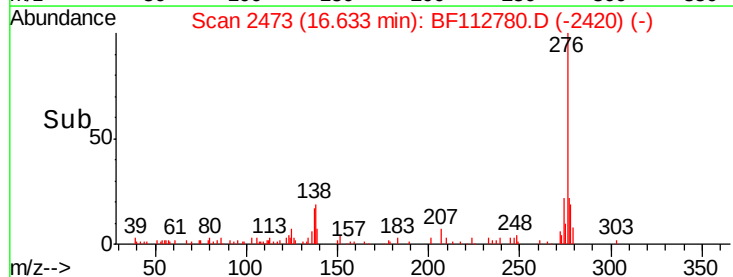


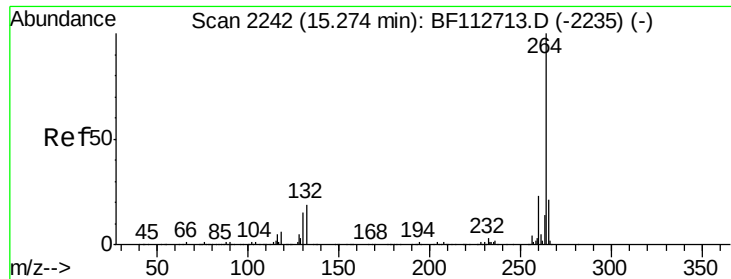
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.583 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:276 Resp: 24229
Ion Ratio Lower Upper
276 100
138 25.4 23.2 34.8
277 25.8 19.9 29.9



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

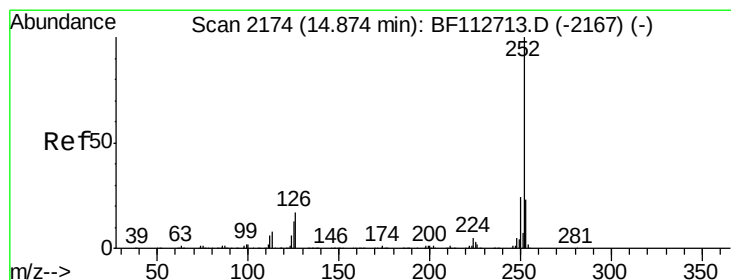
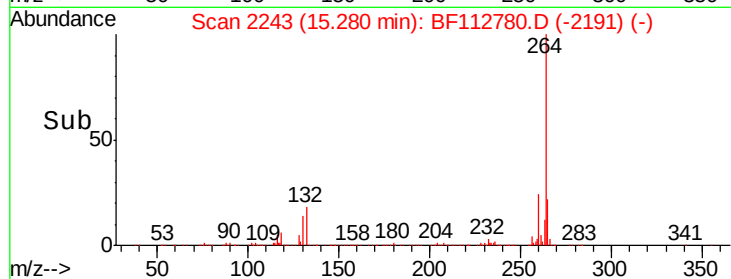
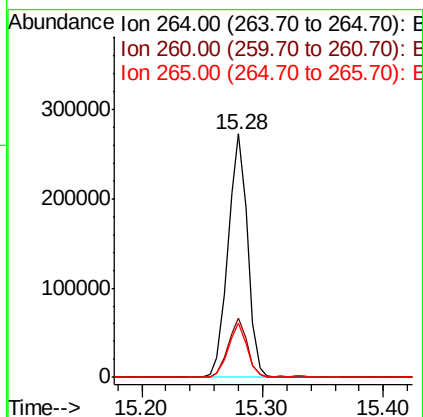
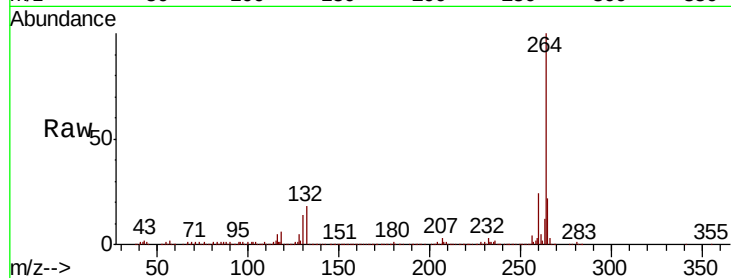




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

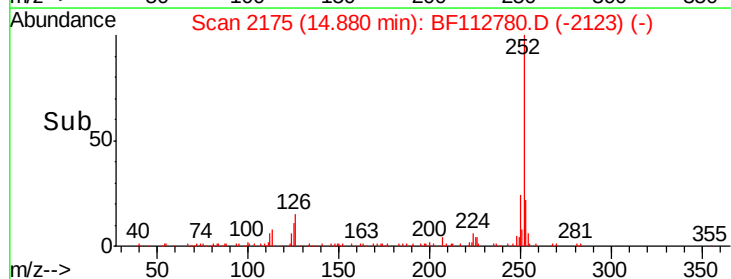
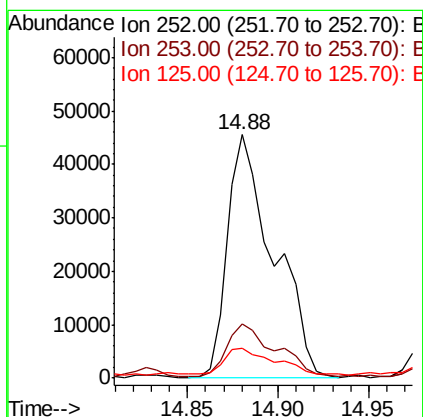
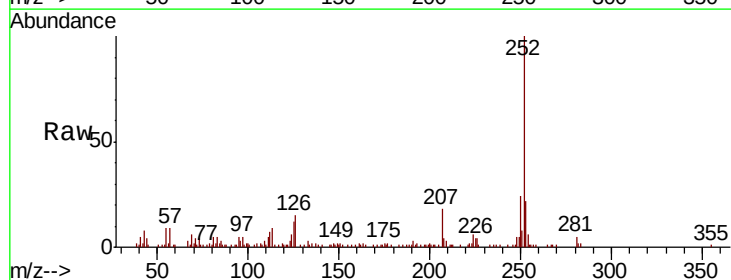
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

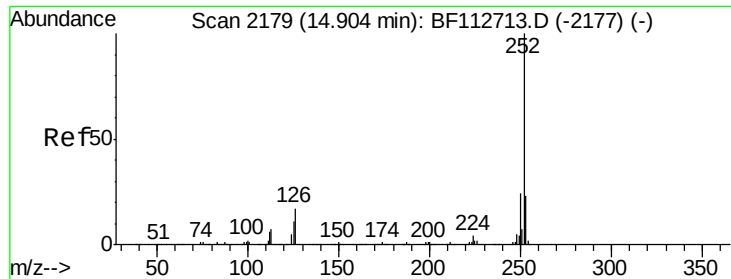
Tgt Ion:264 Resp: 304858
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.096 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:252 Resp: 80767
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.4 10.2 15.2

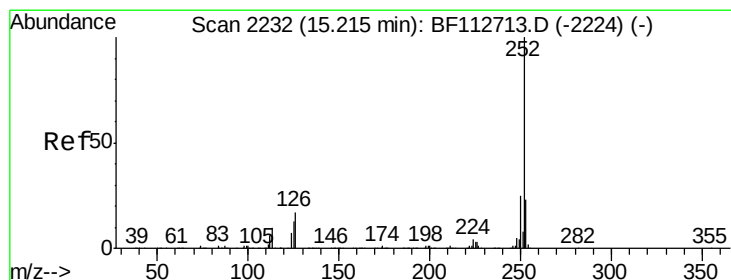
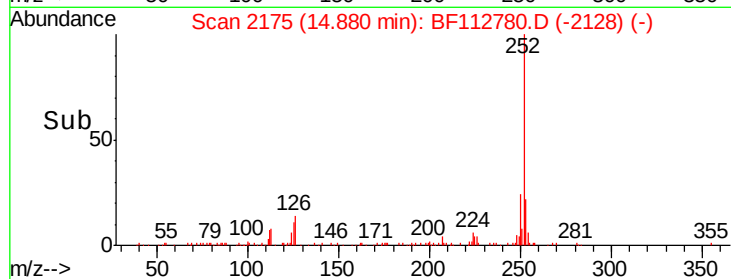
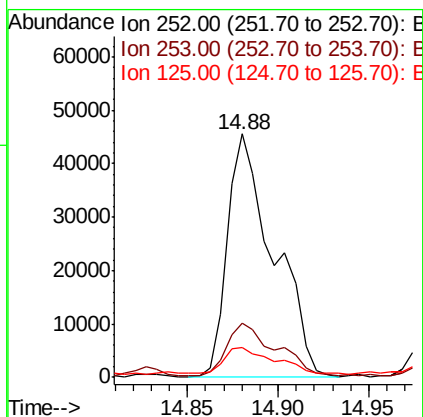
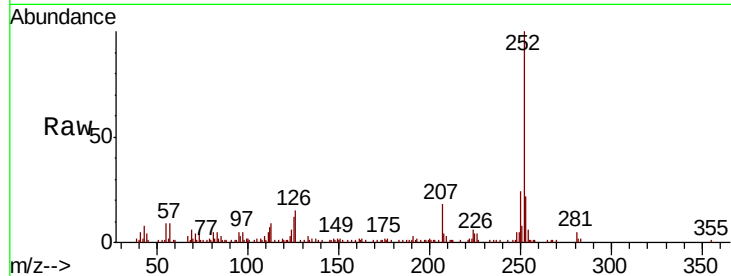




#89
Benzo(k)fluoranthene
Concen: 4.522 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

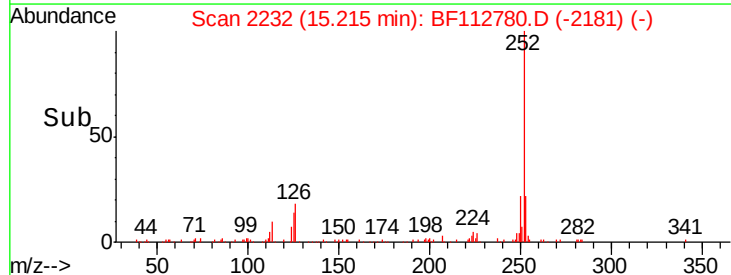
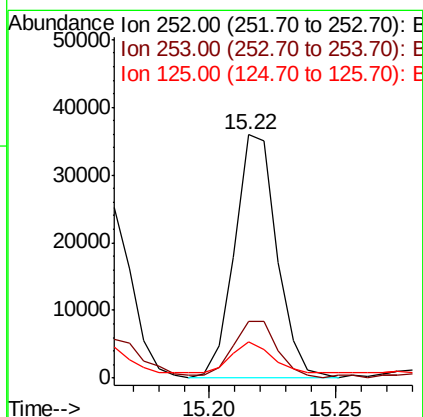
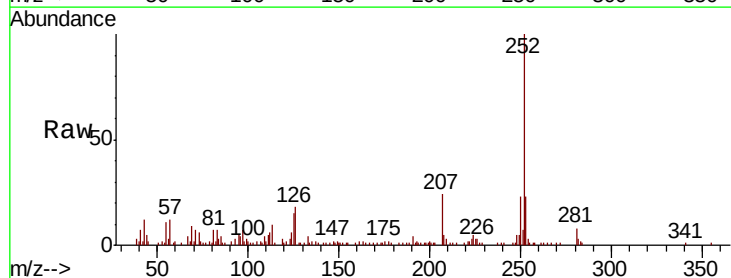
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

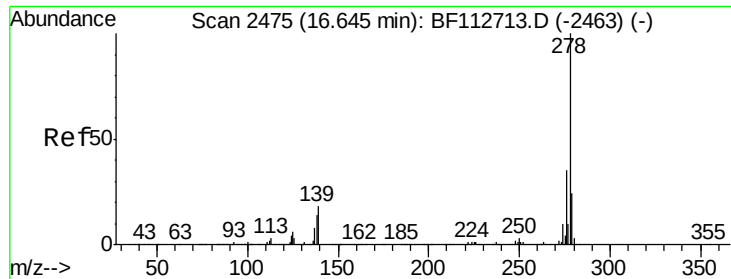
Tgt Ion:252 Resp: 80767
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.4 9.8 14.6



#90
Benzo(a)pyrene
Concen: 2.401 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion:252 Resp: 41875
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 14.9 10.7 16.1

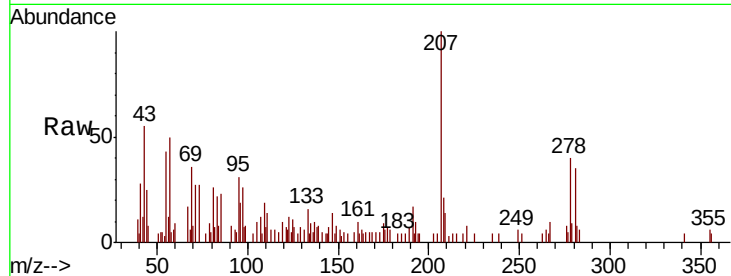




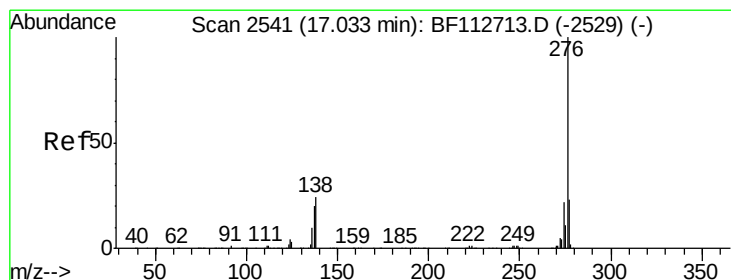
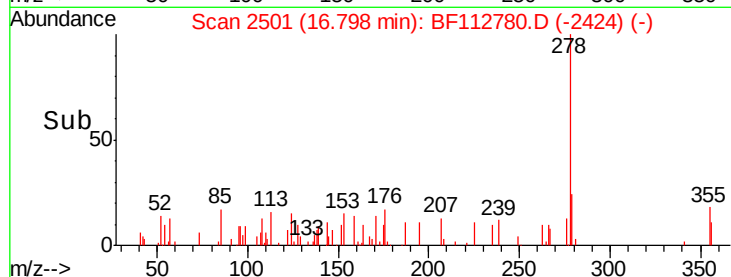
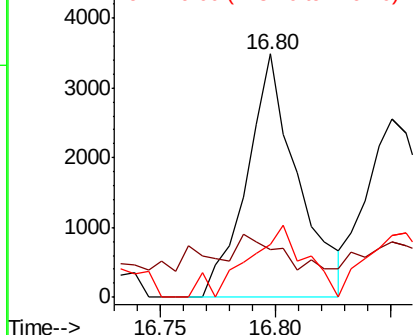
#91
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.15 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 278 Resp: 5362
Ion Ratio Lower Upper
278 100
139 19.8 14.3 21.5
279 21.5 19.4 29.0

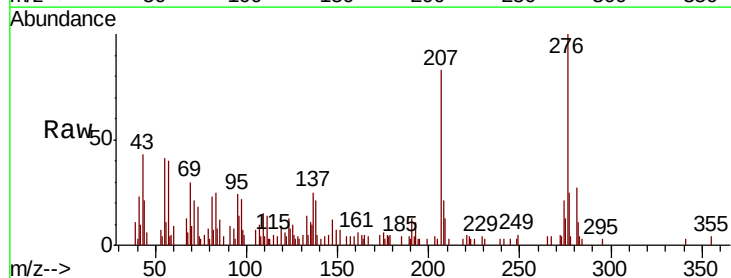


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 1.318 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112780.D
Acq: 1 Mar 2019 00:00

Tgt Ion: 276 Resp: 19704
Ion Ratio Lower Upper
276 100
277 25.0 18.6 27.8
138 21.0 19.4 29.0



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

