

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078941.D
 Acq On : 5 May 2015 15:33
 Operator : TP/IZ
 Sample : G2078-15DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: May 06 01:50:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68136	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	291334	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	138131	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	262685	20.00	ng	0.00
75) Chrysene-d12	16.29	240	289021	20.00	ng	0.01
86) Perylene-d12	18.14	264	310870	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	87054	21.99	ng	0.00
7) Phenol-d6	6.90	99	123677	23.64	ng	0.00
23) Nitrobenzene-d5	8.04	82	65937	13.01	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	27855	18.64	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	146500	14.78	ng	-0.01
78) Terphenyl-d14	14.95	244	168259	13.94	ng	0.00

Target Compounds				Qvalue		
8) 2-Chlorophenol	7.08	128	170048	37.88	ng	97
10) Phenol	6.91	94	173194	28.53	ng	99
12) 1,3-Dichlorobenzene	7.28	146	161963	32.10	ng	96
13) 1,4-Dichlorobenzene	7.38	146	78550	15.13	ng	98
18) Hexachloroethane	7.98	117	20604	11.52	ng	# 80
20) 3+4-Methylphenols	7.86	107	29909	6.21	ng	# 37
25) Isophorone	8.36	82	374879	39.89	ng	99
26) 2-Nitrophenol	8.47	139	35434	17.04	ng	100
30) 1,2,4-Trichlorobenzene	8.87	180	151125	37.18	ng	97
31) Naphthalene	8.96	128	421312	30.35	ng	98
36) 4-Chloro-3-methylphenol	9.62	107	115363	29.68	ng	95
37) 2-Methylnaphthalene	9.82	142	134308	13.96	ng	98
42) 2,4,6-Trichlorophenol	10.17	196	37929	14.18	ng	98
43) 2,4,5-Trichlorophenol	10.20	196	67731	25.05	ng	97
48) Acenaphthylene	10.94	152	212823	15.13	ng	99
51) Acenaphthene	11.15	154	289769	34.55	ng	98
57) Fluorene	11.79	166	129511	13.02	ng	97
59) Diethylphthalate	11.66	149	229946	22.89	ng	95
60) 4-Chlorophenyl-phenylether	11.81	204	145632	33.02	ng	93
66) 4-Bromophenyl-phenylether	12.41	248	75811	27.69	ng	# 92
69) Pentachlorophenol	12.72	266	21619	17.64	ng	97
70) Phenanthrene	12.98	178	100736	6.85	ng	99
71) Anthracene	13.05	178	434046	30.11	ng	99
73) Di-n-butylphthalate	13.70	149	201468	12.23	ng	97
74) Fluoranthene	14.47	202	310591	20.28	ng	93
77) Pyrene	14.74	202	248693	14.93	ng	98
79) Butylbenzylphthalate	15.58	149	184129	25.29	ng	99
80) Benzo(a)anthracene	16.27	228	248181	15.68	ng	97
82) Chrysene	16.32	228	113422	7.45	ng	97
83) Bis(2-ethylhexyl)phthalate	16.33	149	172576	15.65	ng	98
84) Di-n-octyl phthalate	17.18	149	275533	14.19	ng	# 100
88) Benzo(k)fluoranthene	17.69	252	544123	33.03	ng	# 96
89) Benzo(a)pyrene	18.07	252	134849	8.61	ng	99

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QLast Update : Wed May 06 00:45:00 2015
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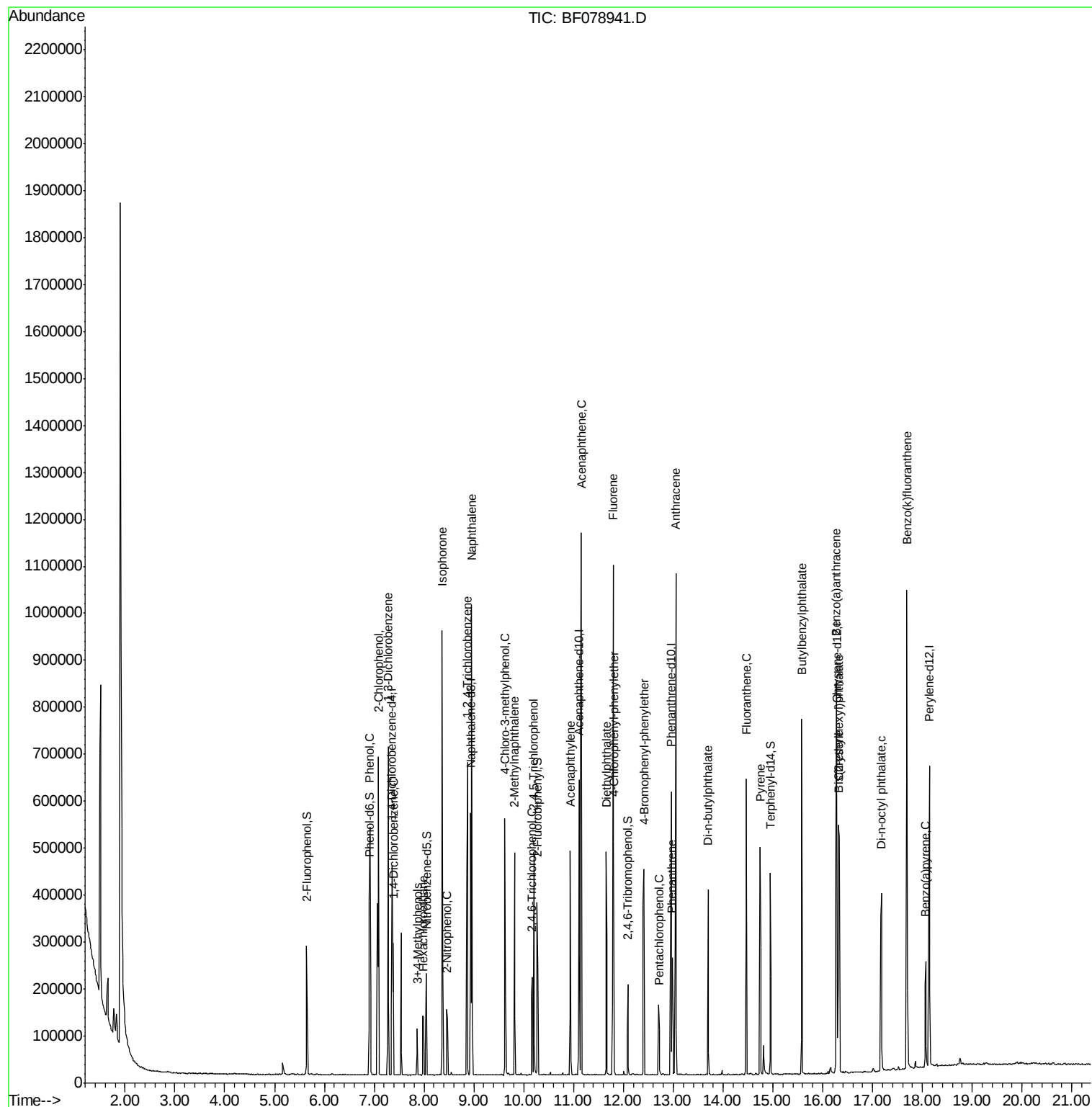
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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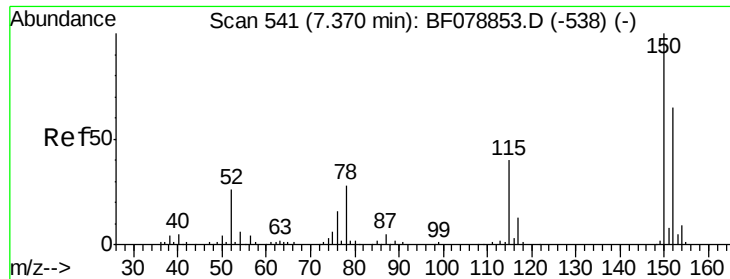
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 00:45:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

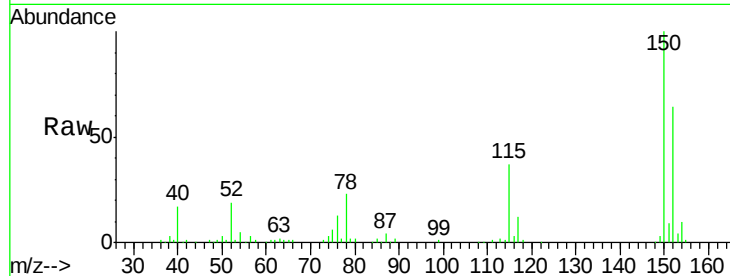
Tot Ion:152 Resp: 68136

Ion Ratio Lower Upper

152 100

150 156.9 122.0 183.0

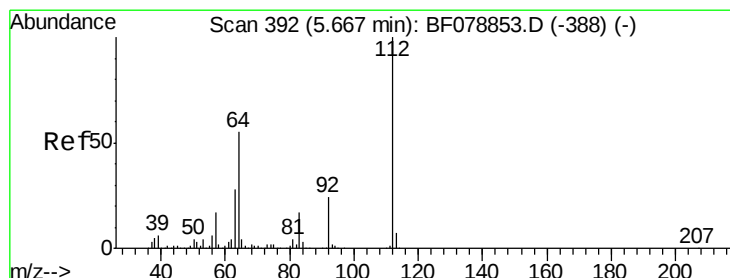
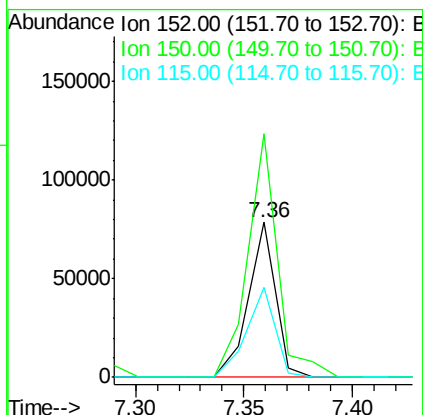
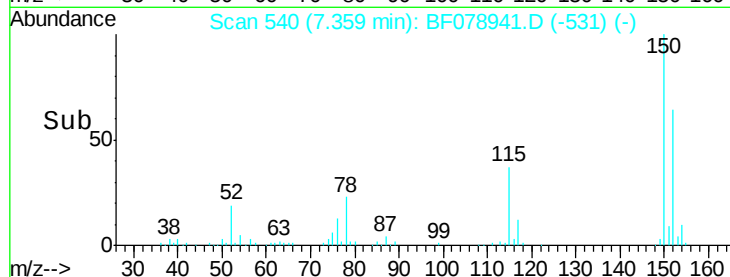
115 58.3 46.3 69.5



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



#5

2-Fluorophenol

Concen: 21.99 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

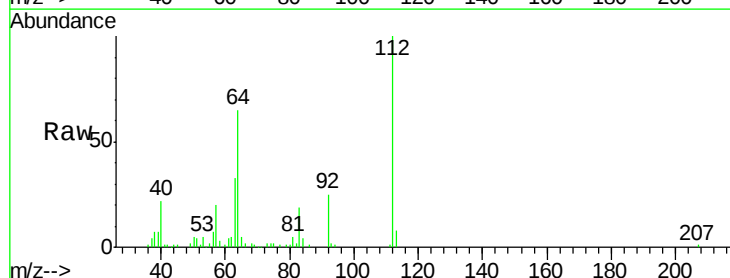
Tgt Ion:112 Resp: 87054

Ion Ratio Lower Upper

112 100

64 65.5 53.5 80.3

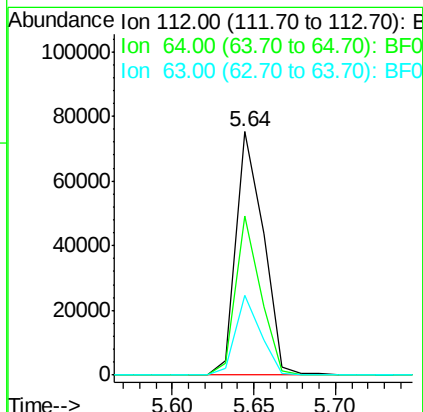
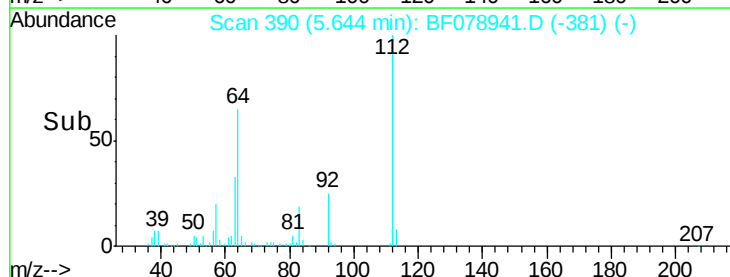
63 32.7 27.5 41.3

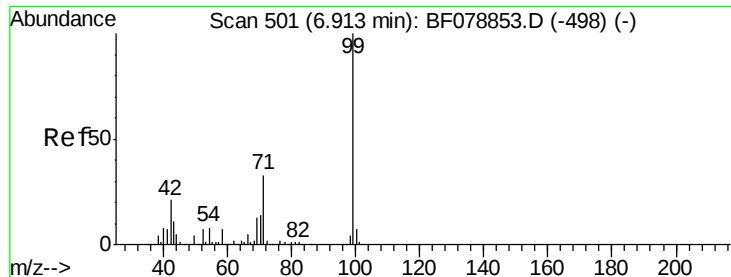


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.64 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

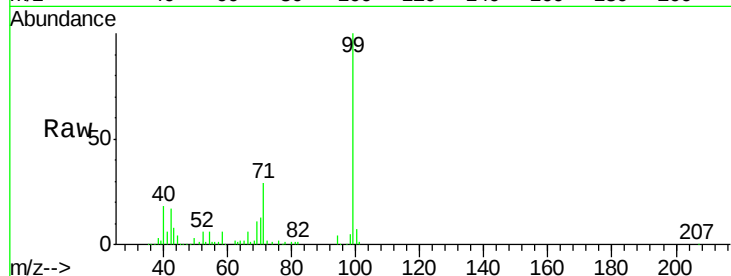
Tot Ion: 99 Resp: 123677

Ion Ratio Lower Upper

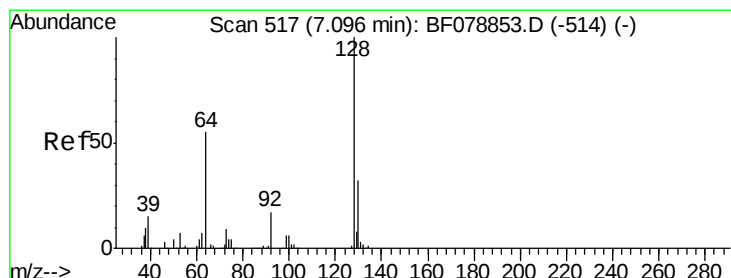
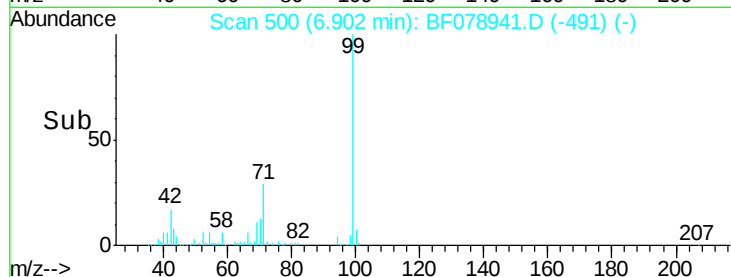
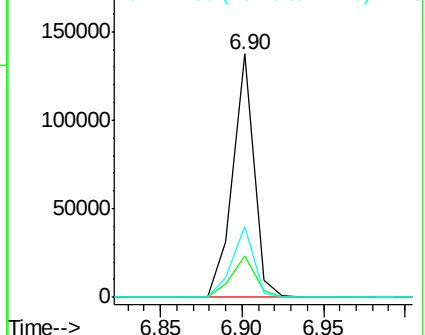
99 100

42 16.8 12.8 19.2

71 29.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.88 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

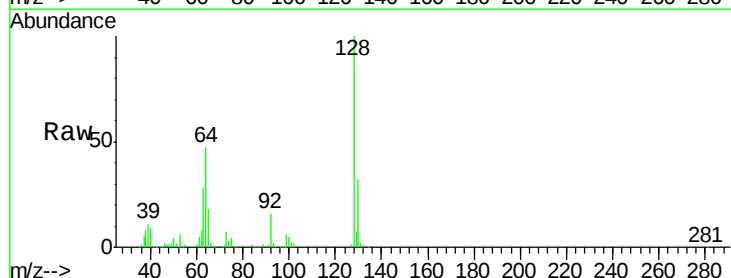
Tgt Ion: 128 Resp: 170048

Ion Ratio Lower Upper

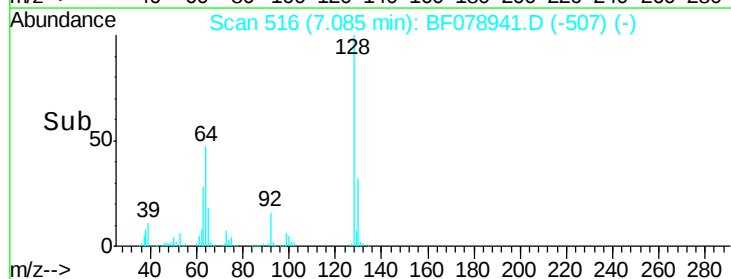
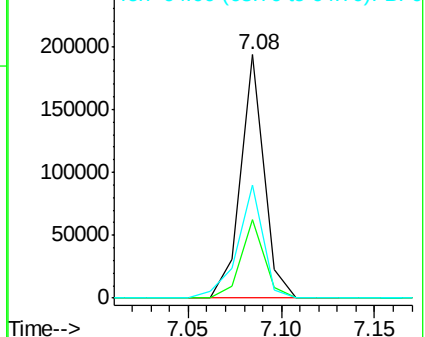
128 100

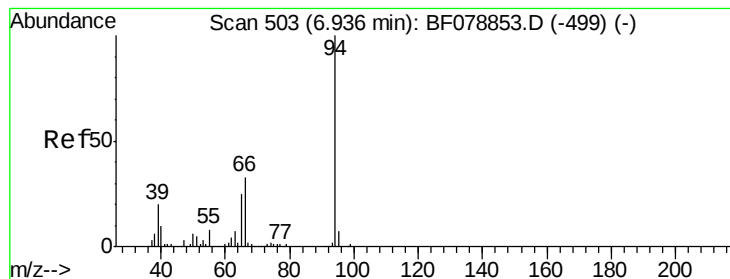
130 32.5 12.1 52.1

64 46.6 29.6 69.6



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): BF0





#10

Phenol

Concen: 28.53 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

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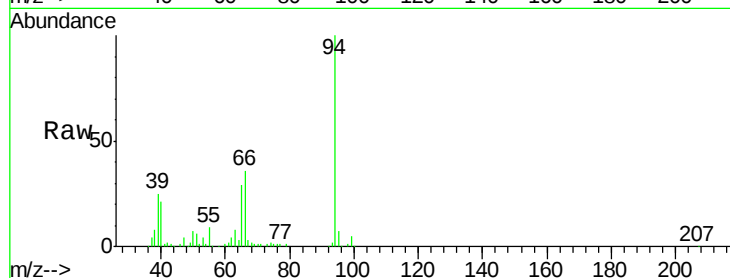
Tot Ion: 94 Resp: 173194

Ion Ratio Lower Upper

94 100

65 29.3 8.5 48.5

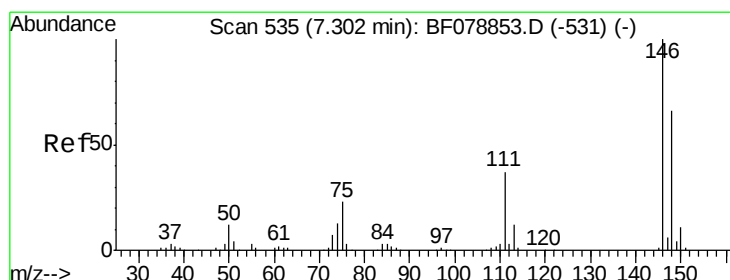
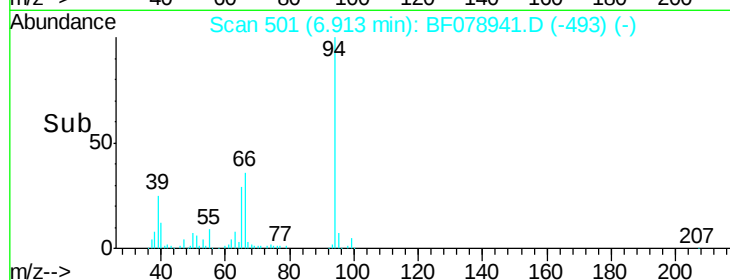
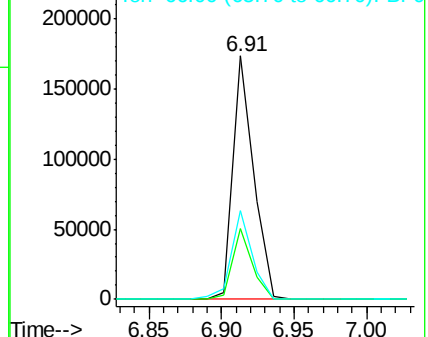
66 36.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.10 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

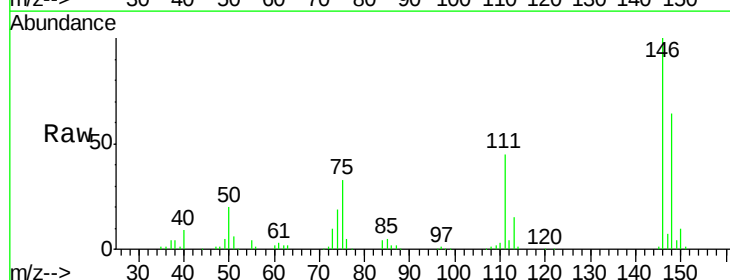
Tgt Ion: 146 Resp: 161963

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

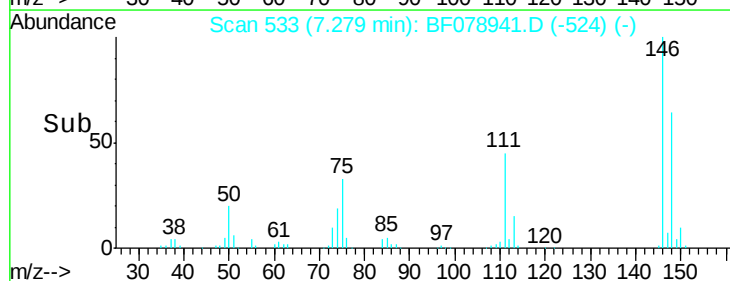
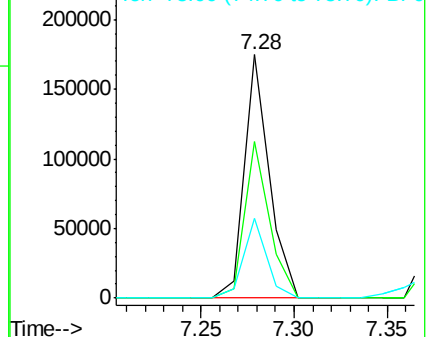
75 32.9 29.2 43.8

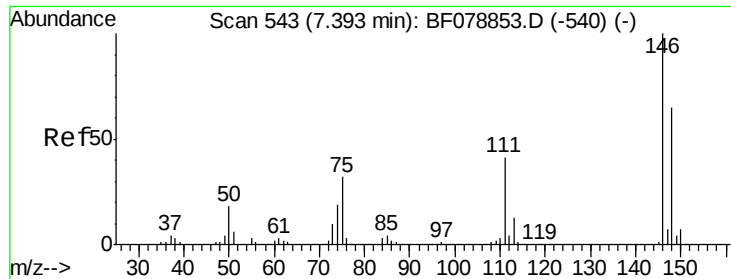


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

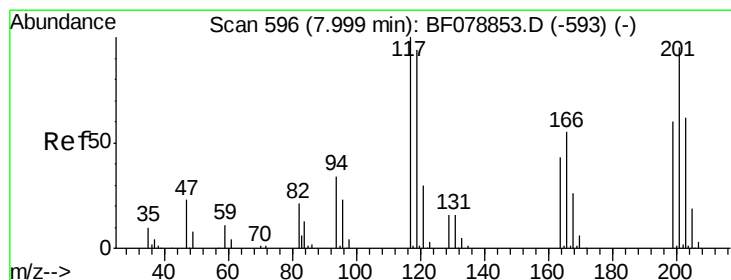
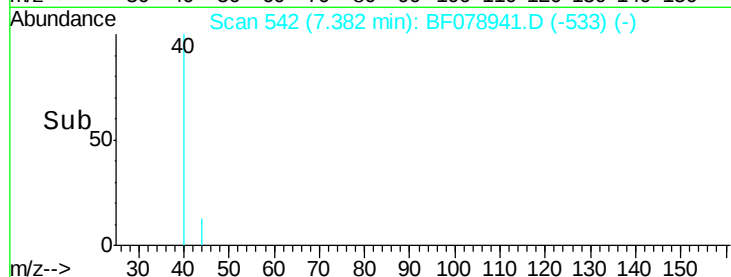
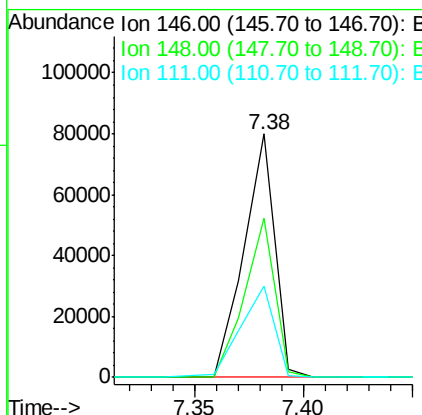
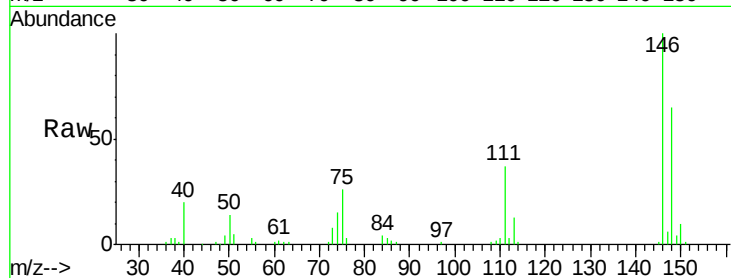




#13
 1,4-Dichlorobenzene
 Concen: 15.13 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

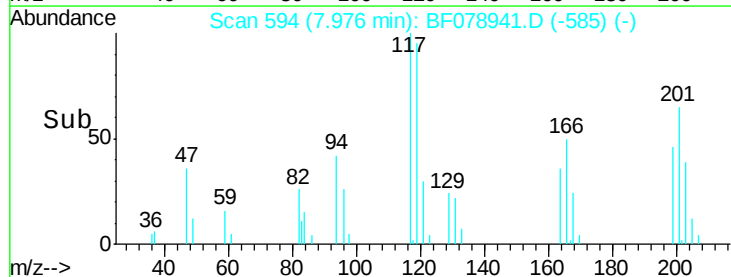
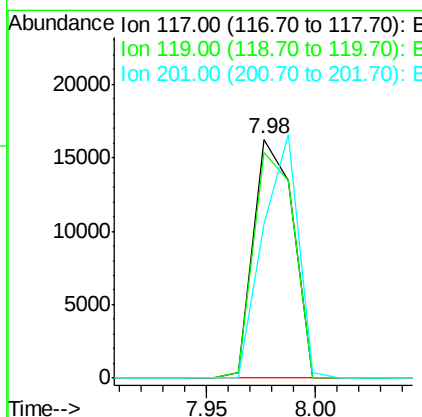
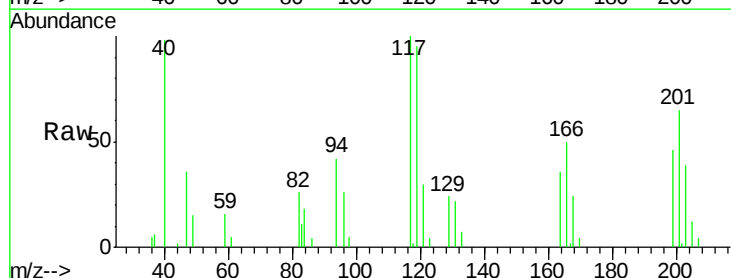
Instrument :
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 PT-BNA-SOILD

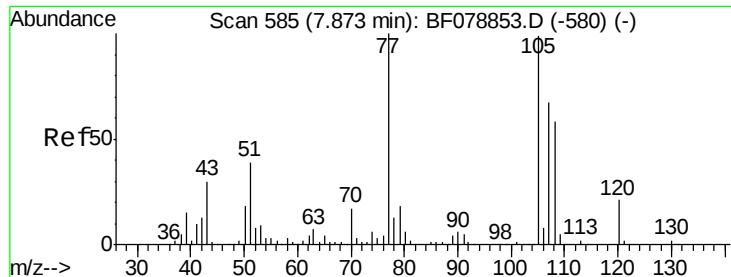
Tot Ion:146 Resp: 78550
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.8 79.2
 111 37.3 31.7 47.5



#18
 Hexachloroethane
 Concen: 11.52 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:117 Resp: 20604
 Ion Ratio Lower Upper
 117 100
 119 94.9 75.4 113.0
 201 64.8 83.2 124.8#





#20

3+4-Methylphenols

Concen: 6.21 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

Tot Ion:107 Resp: 29909

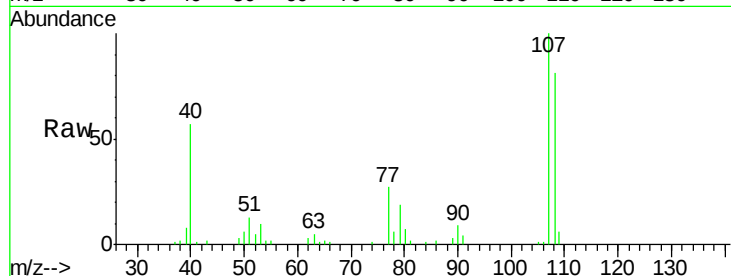
Ion Ratio Lower Upper

107 100

108 81.1 76.9 116.9

77 27.5 136.8 176.8#

79 18.6 9.7 49.7

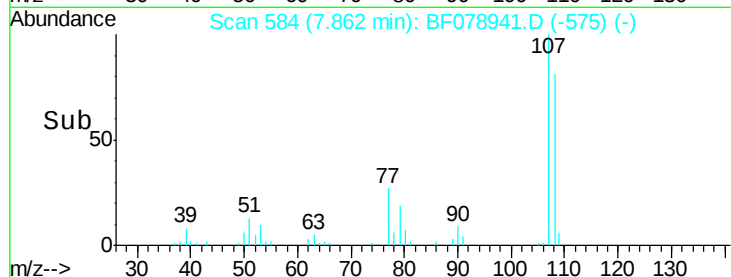


Abundance Ion 107.00 (106.70 to 107.70): E

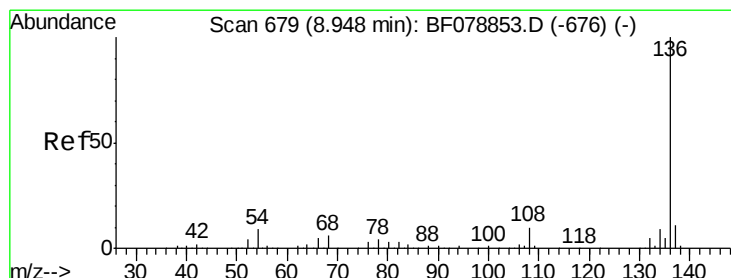
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Tgt Ion:136 Resp: 291334

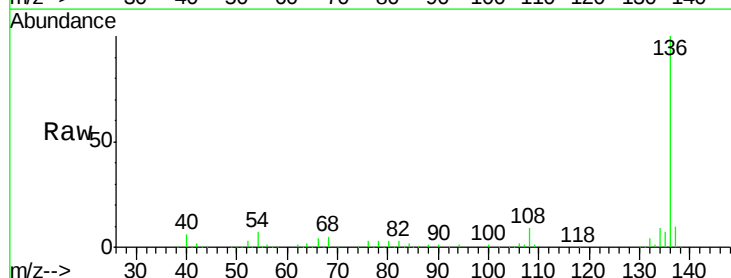
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.5 5.8 8.8

68 5.0 4.2 6.4

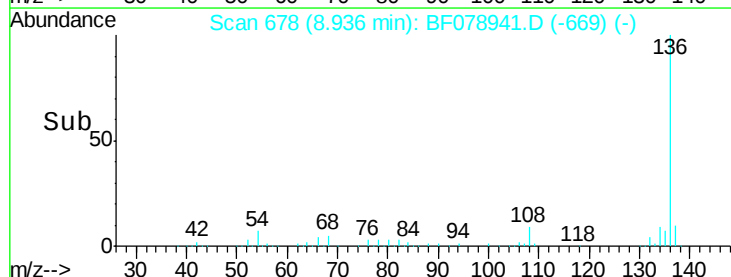


Abundance Ion 136.00 (135.70 to 136.70): E

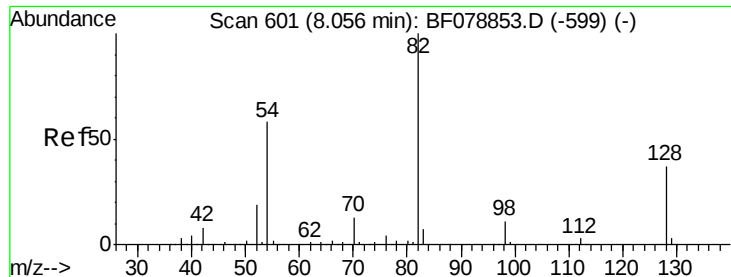
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



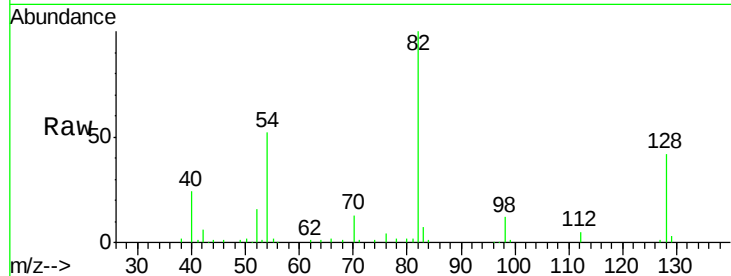
Time-->



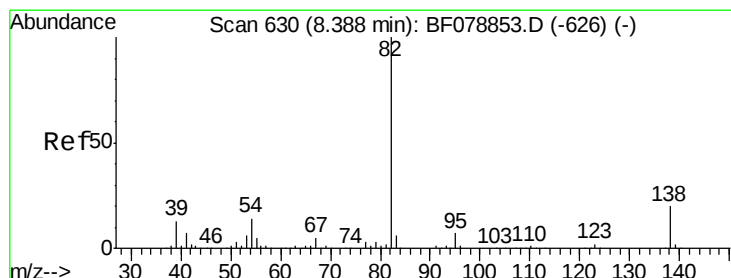
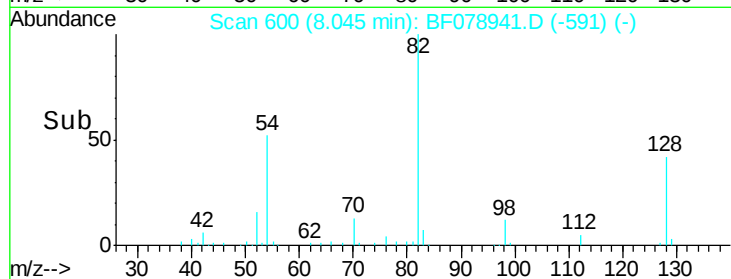
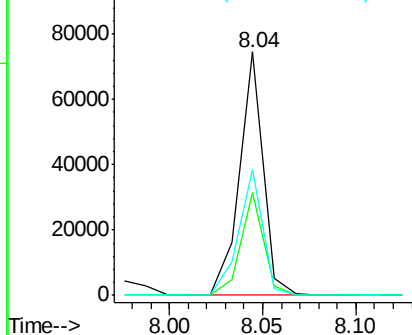
#23
Nitrobenzene-d5
Concen: 13.01 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

Tot Ion	82	Resp	65937
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.0	45.0
54	51.7	46.4	69.6

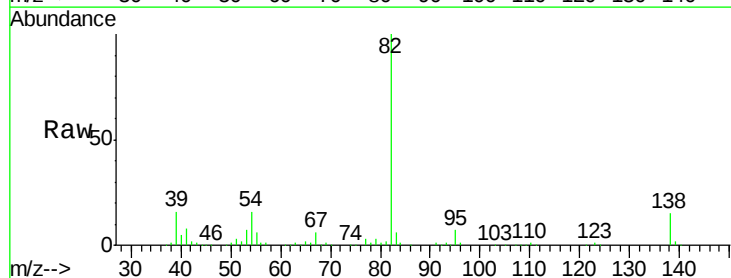


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

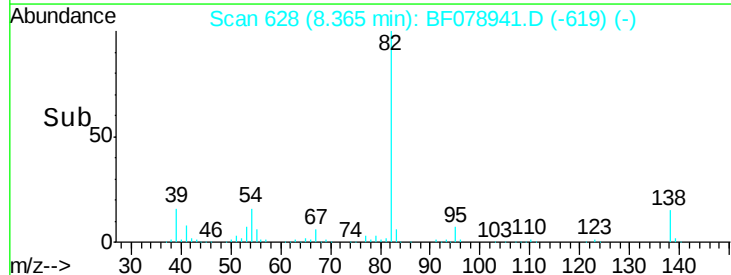
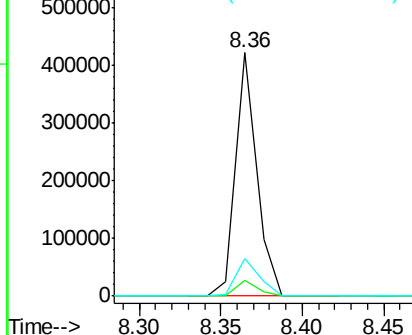


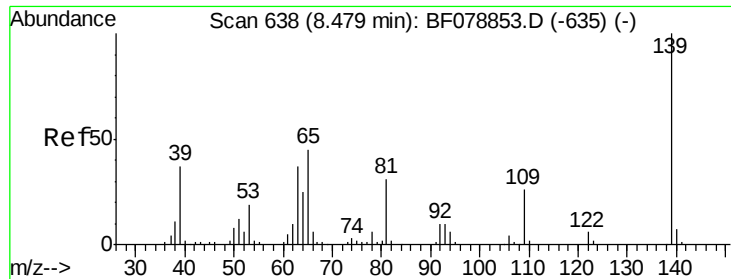
#25
Isophorone
Concen: 39.89 ng
RT: 8.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

Tgt Ion	82	Resp	374879
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	15.3	12.0	18.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

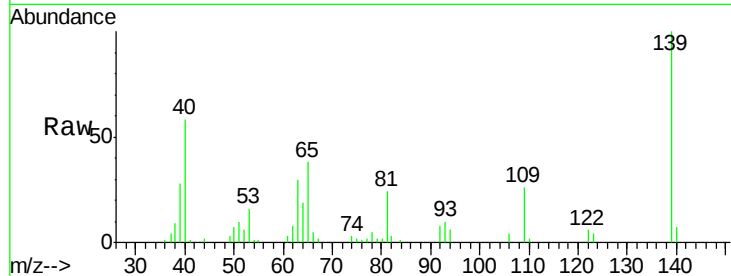




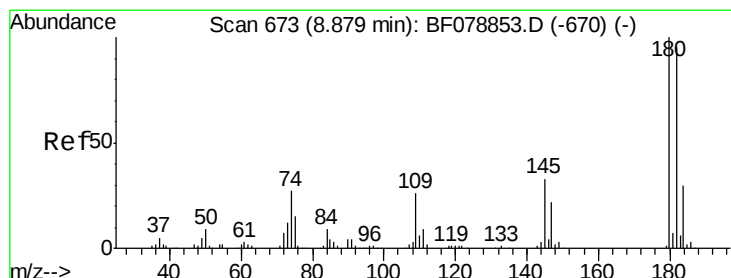
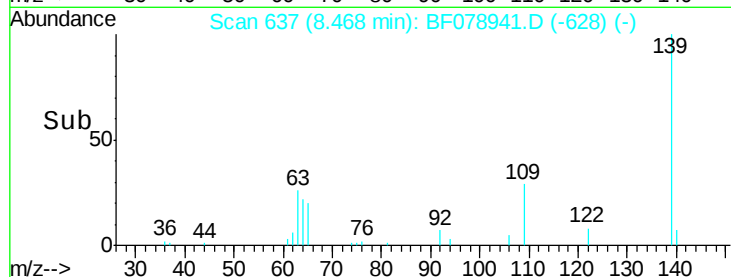
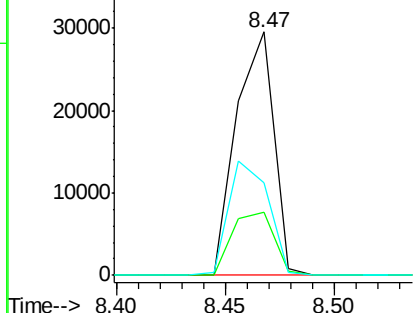
#26
 2-Nitrophenol
 Concen: 17.04 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion:139 Resp: 35434
 Ion Ratio Lower Upper
 139 100
 109 25.9 21.0 31.4
 65 38.1 30.5 45.7

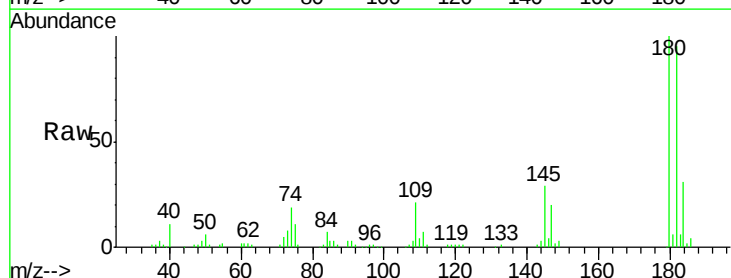


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

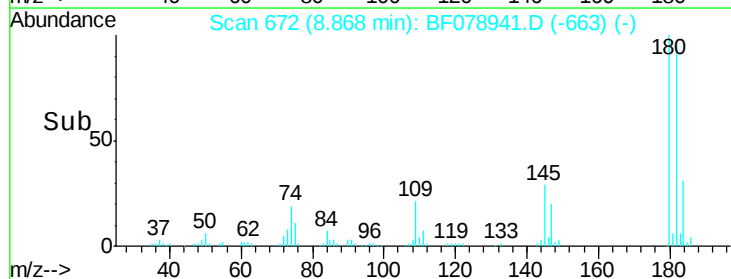
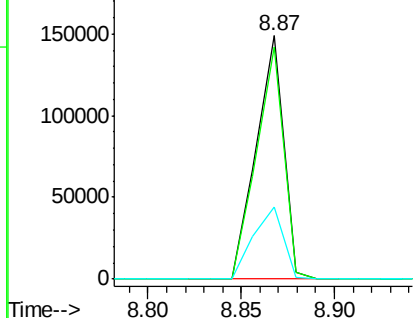


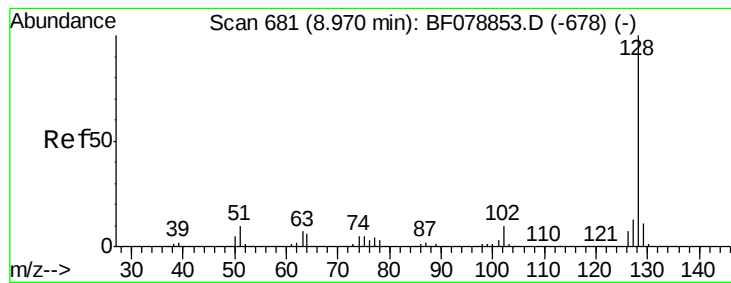
#30
 1,2,4-Trichlorobenzene
 Concen: 37.18 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:180 Resp: 151125
 Ion Ratio Lower Upper
 180 100
 182 95.5 78.9 118.3
 145 29.4 24.2 36.4



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





#31

Naphthalene

Concen: 30.35 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

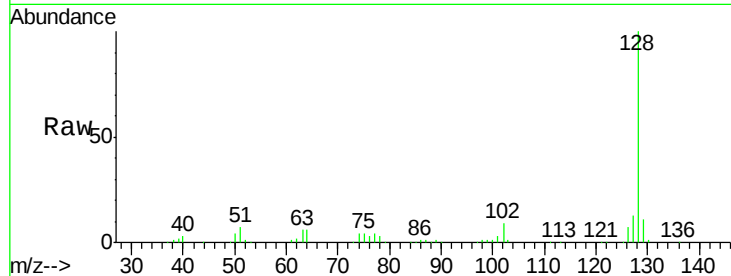
Tot Ion:128 Resp: 421312

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

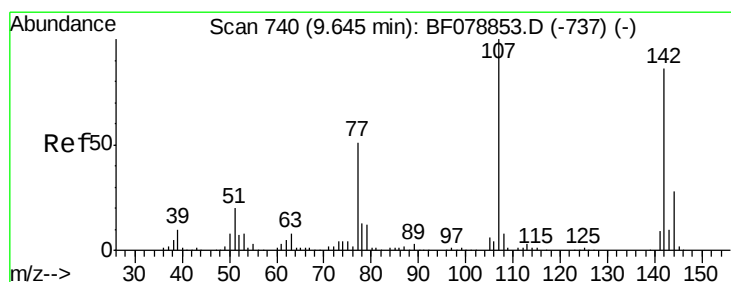
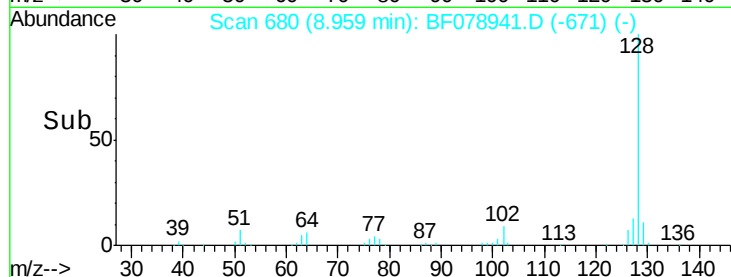
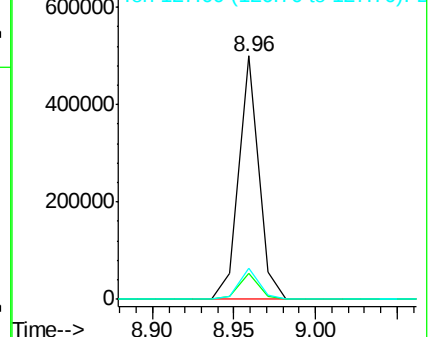
127 13.0 10.7 16.1



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



#36

4-Chloro-3-methylphenol

Concen: 29.68 ng

RT: 9.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

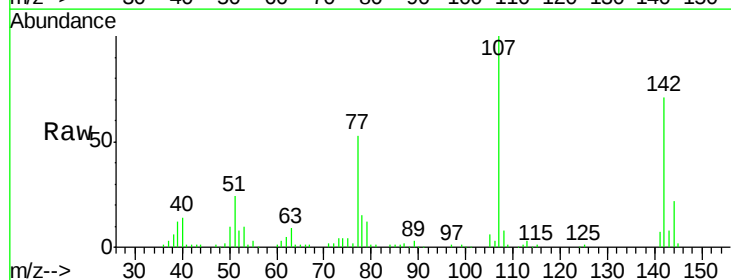
Tgt Ion:107 Resp: 115363

Ion Ratio Lower Upper

107 100

144 22.1 19.8 29.6

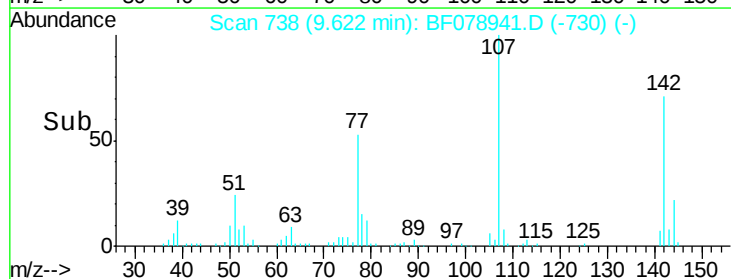
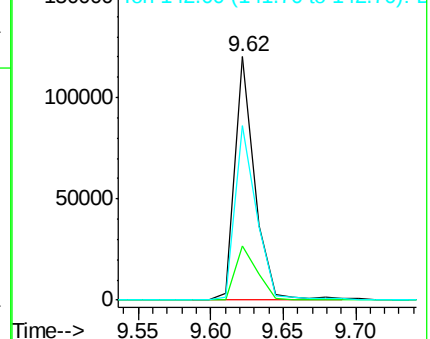
142 71.5 60.6 91.0

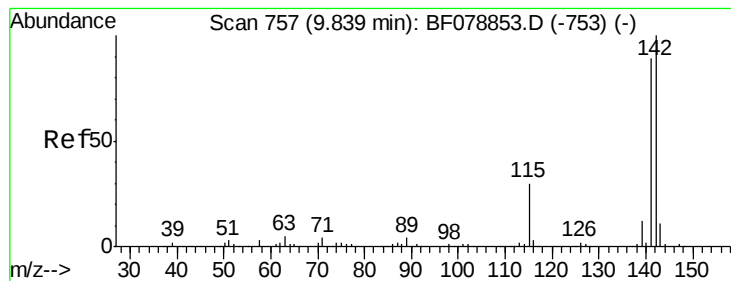


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

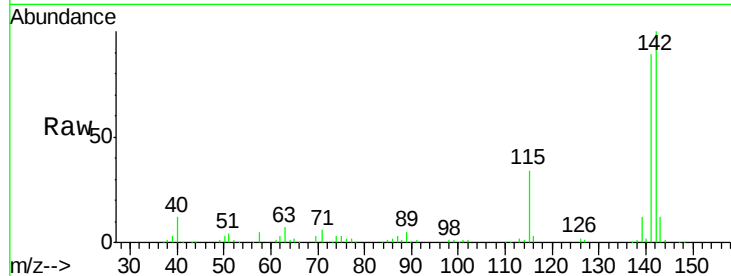




#37
 2-Methylnaphthalene
 Concen: 13.96 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3
115	33.6	28.5	42.7

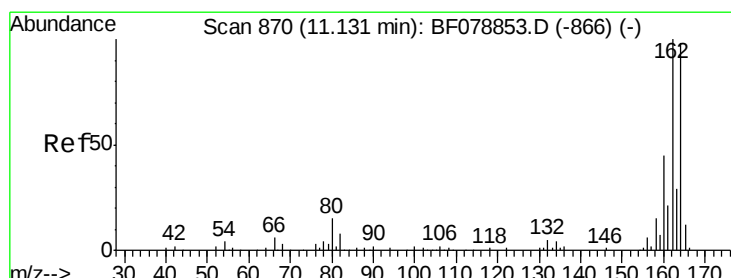
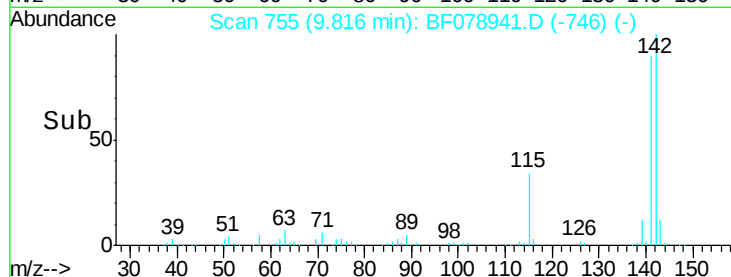
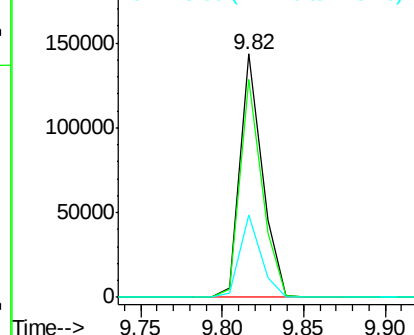


Abundance

Ion 142.00 (141.70 to 142.70): E

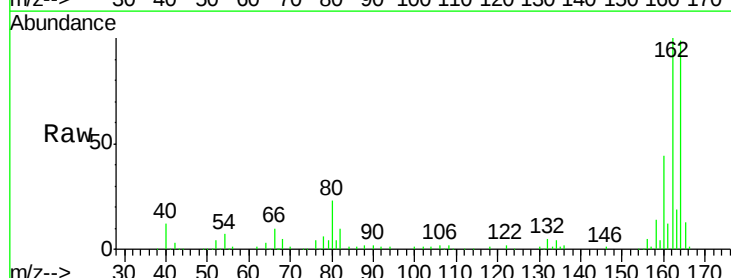
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.7	124.1
160	44.8	35.8	53.8

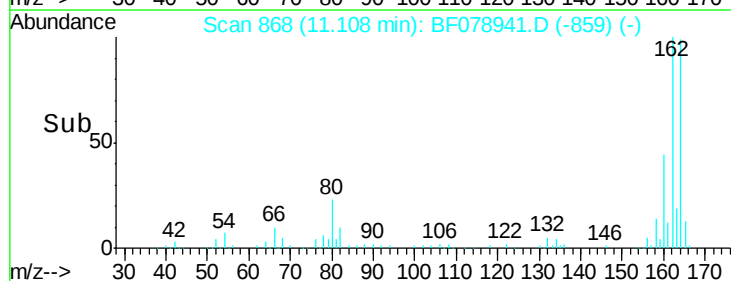
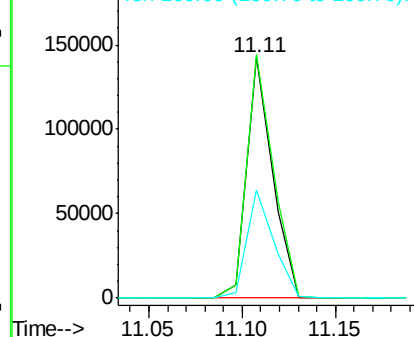


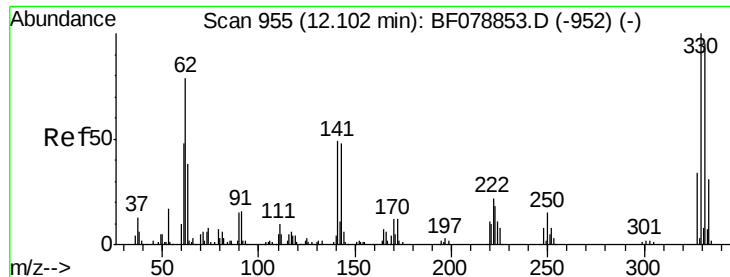
Abundance

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

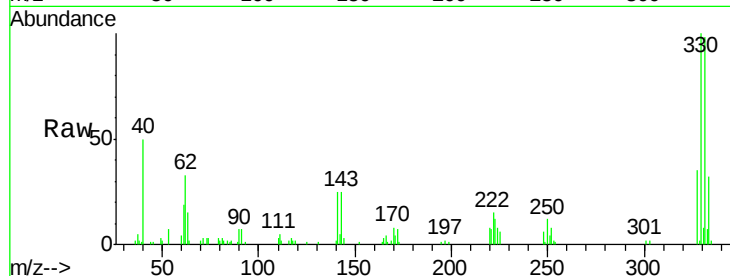




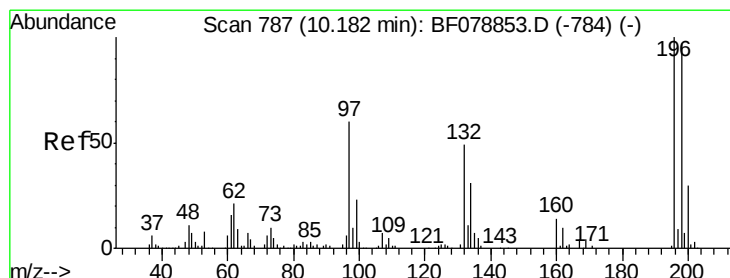
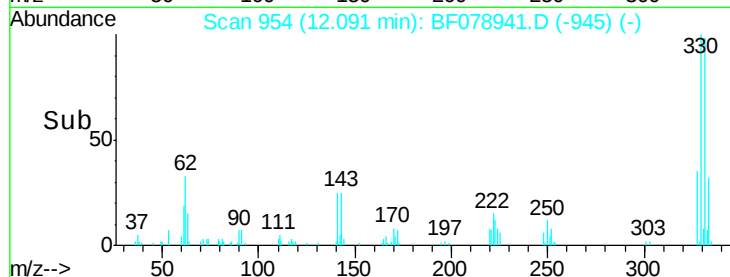
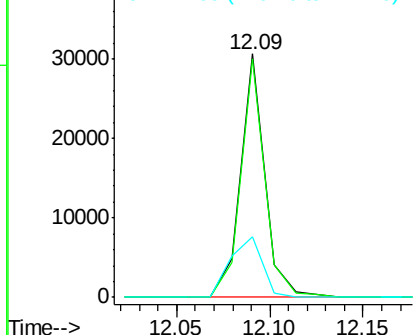
#41
 2,4,6-Tribromophenol
 Concen: 18.64 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	32.8	0.0	0.0#

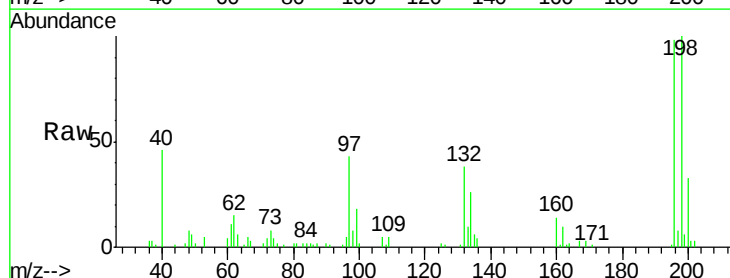


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

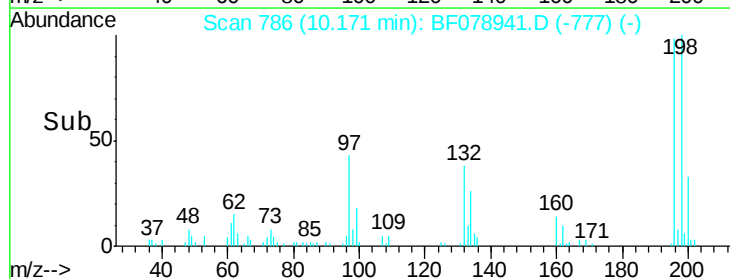
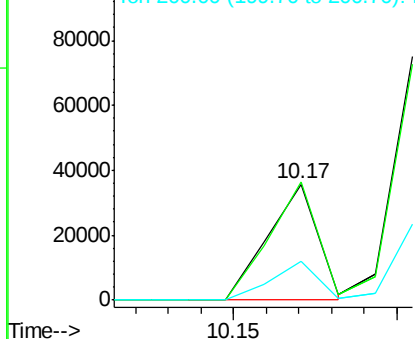


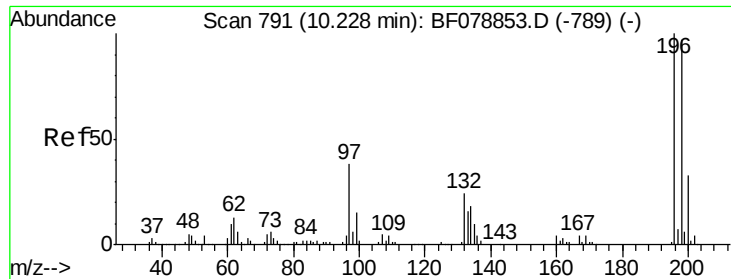
#42
 2,4,6-Trichlorophenol
 Concen: 14.18 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	80.5	120.7
200	33.4	24.9	37.3



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

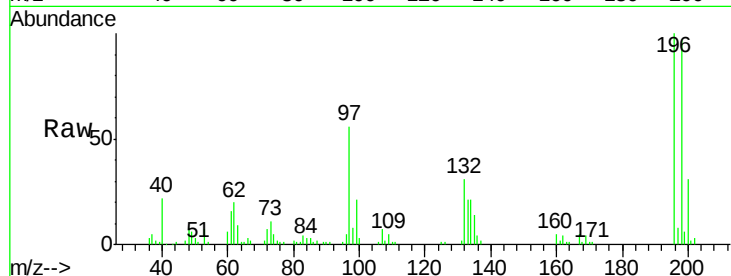




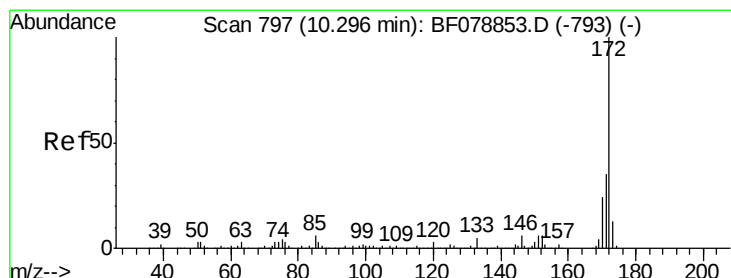
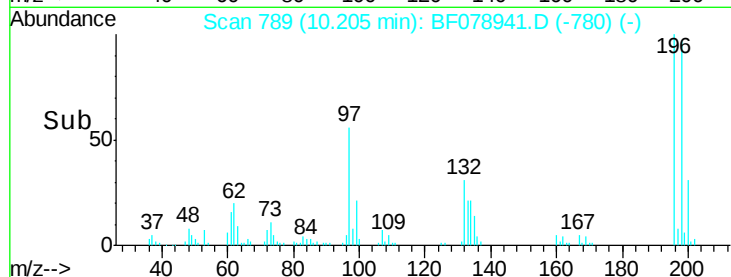
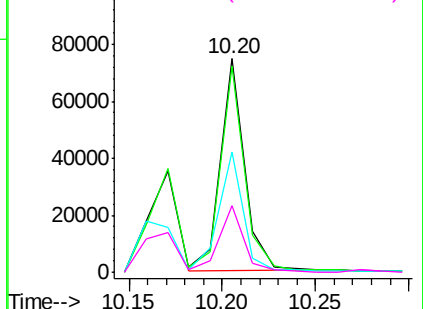
#43
 2,4,5-Trichlorophenol
 Concen: 25.05 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion:196 Resp: 67731
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.8 119.6
 97 56.3 46.0 69.0
 132 31.5 26.6 40.0

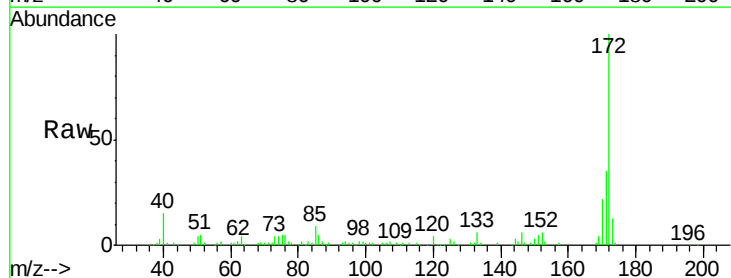


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

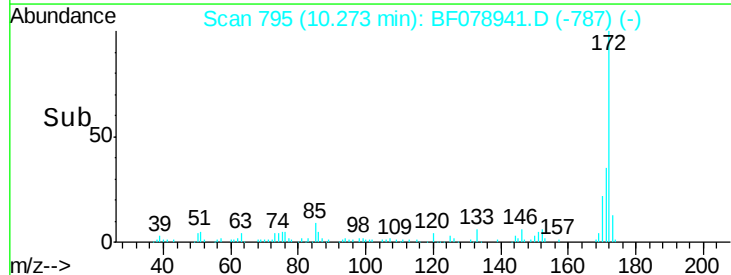
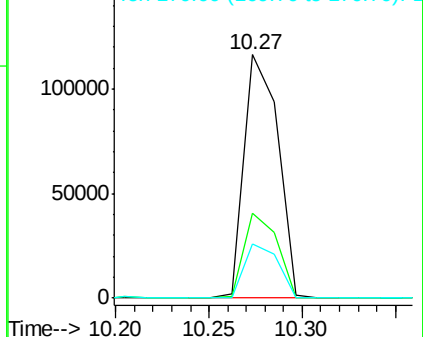


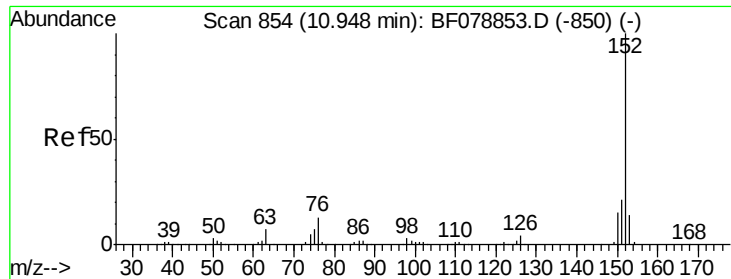
#44
 2-Fluorobiphenyl
 Concen: 14.78 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:172 Resp: 146500
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 22.3 19.4 29.0



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





#48

Acenaphthylene

Concen: 15.13 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

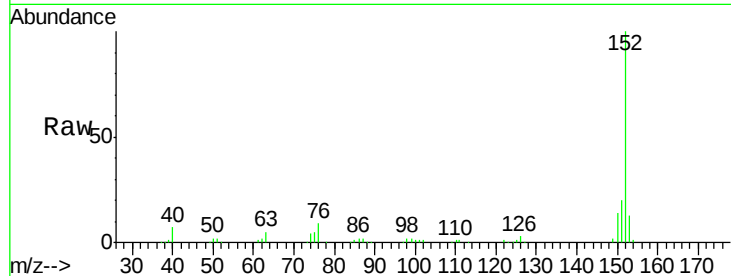
Tot Ion:152 Resp: 212823

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 12.7 10.9 16.3



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

300000

250000

200000

150000

100000

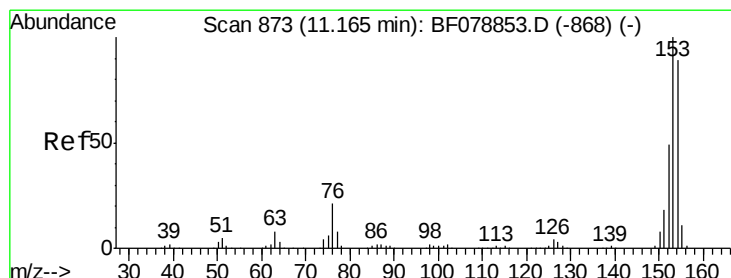
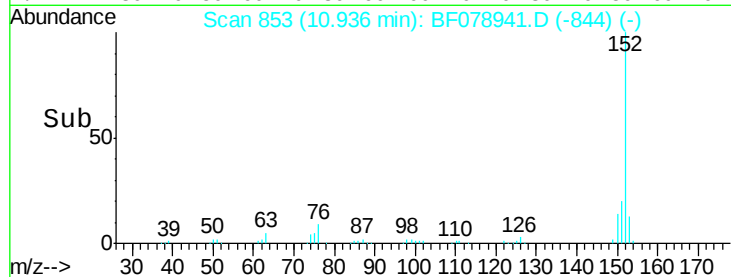
50000

0

10.94

10.90 10.95 11.00

Time-->



#51

Acenaphthene

Concen: 34.55 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

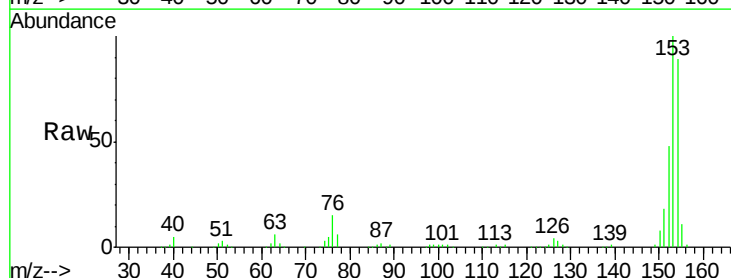
Tgt Ion:154 Resp: 289769

Ion Ratio Lower Upper

154 100

153 112.3 91.5 137.3

152 54.3 44.2 66.4



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

400000

300000

200000

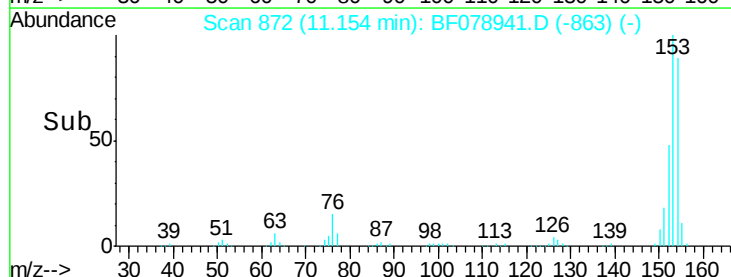
100000

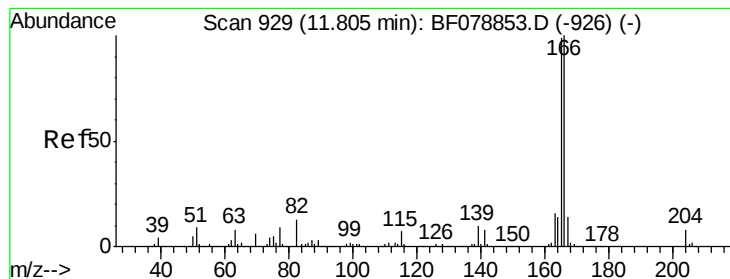
0

11.15

11.10 11.20

Time-->





#57

Fluorene

Concen: 13.02 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

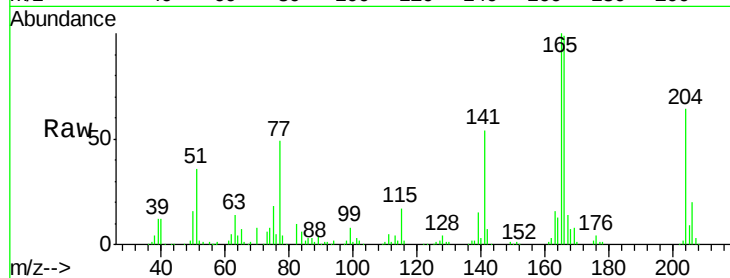
Tot Ion:166 Resp: 129511

Ion Ratio Lower Upper

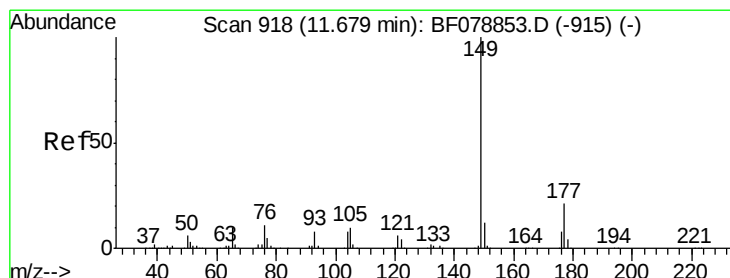
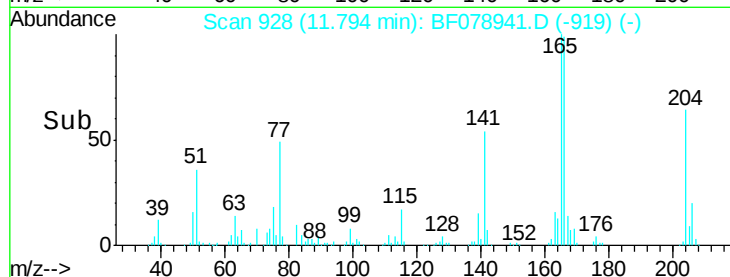
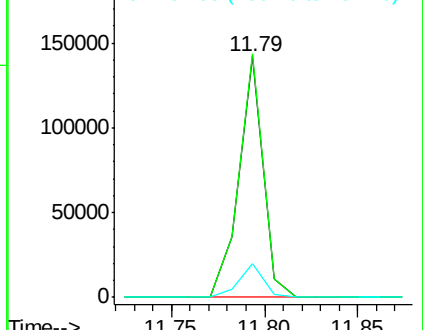
166 100

165 101.2 78.5 117.7

167 13.8 11.0 16.6



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



#59

Diethylphthalate

Concen: 22.89 ng

RT: 11.66 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

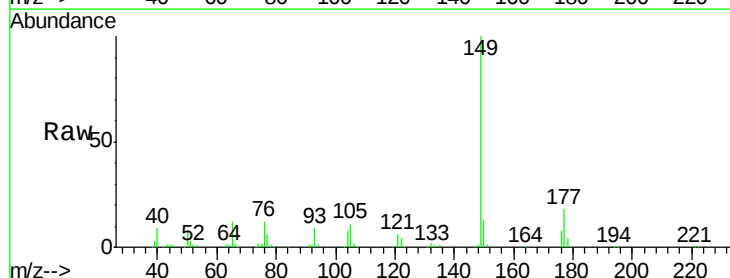
Tgt Ion:149 Resp: 229946

Ion Ratio Lower Upper

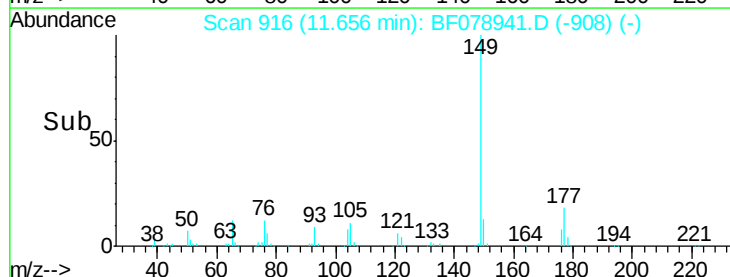
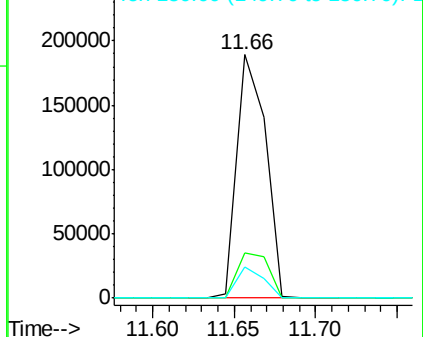
149 100

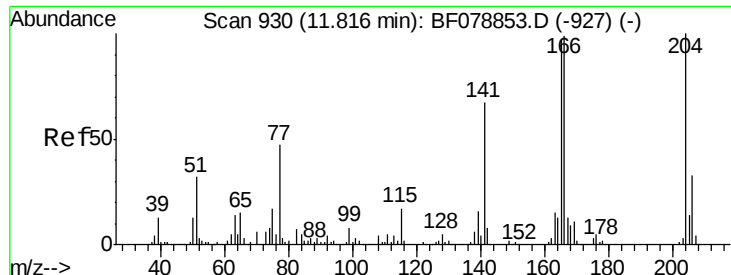
177 18.4 17.5 26.3

150 12.7 9.6 14.4



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

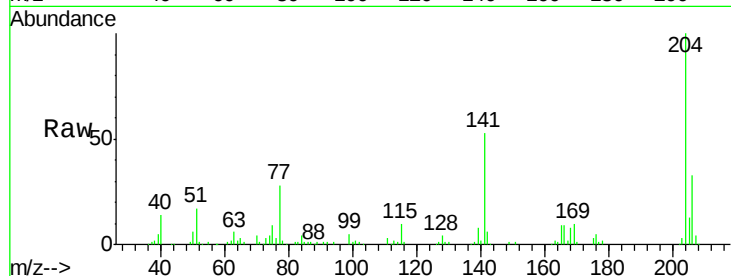




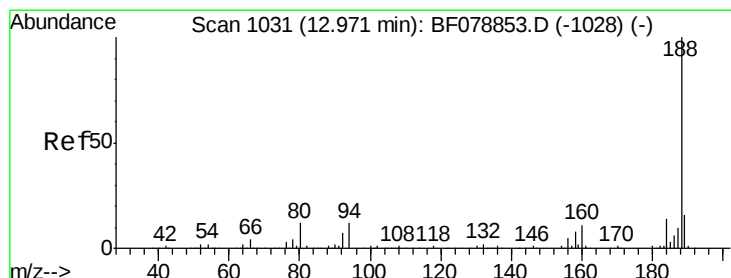
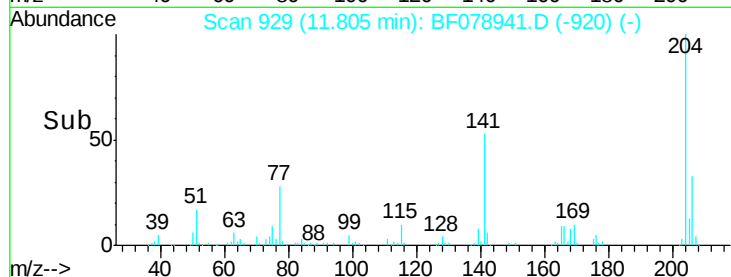
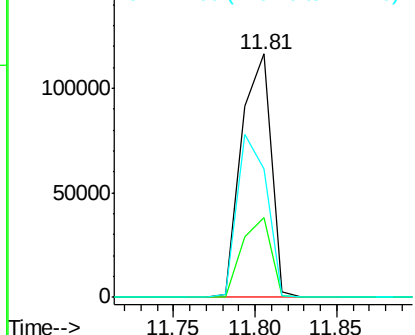
#60
 4-Chlorophenyl-phenylether
 Concen: 33.02 ng
 RT: 11.81 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion:204 Resp: 145632
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.9 40.3
 141 52.7 48.3 72.5

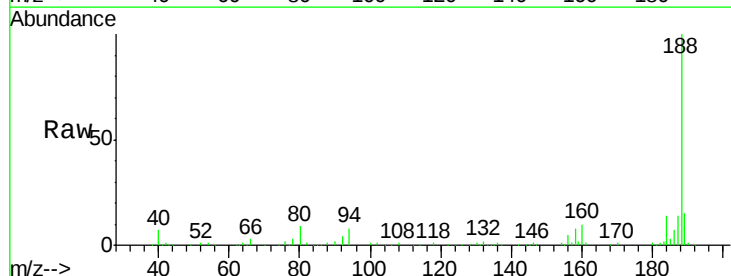


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

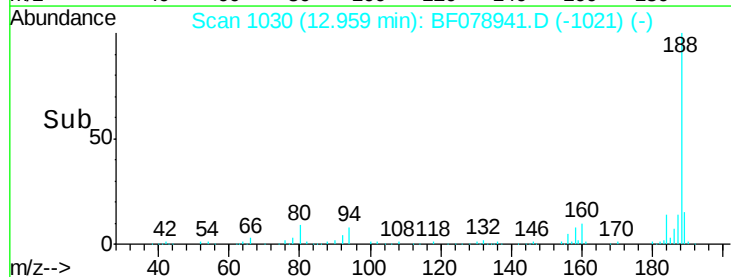
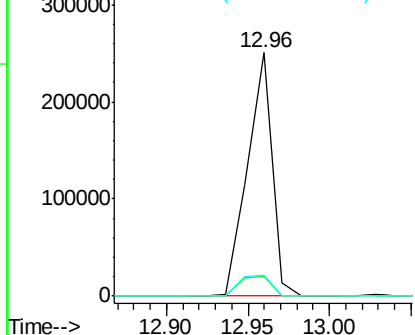


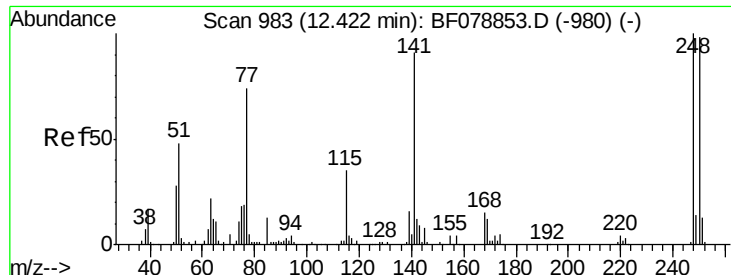
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:188 Resp: 262685
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.2 12.2
 80 8.8 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

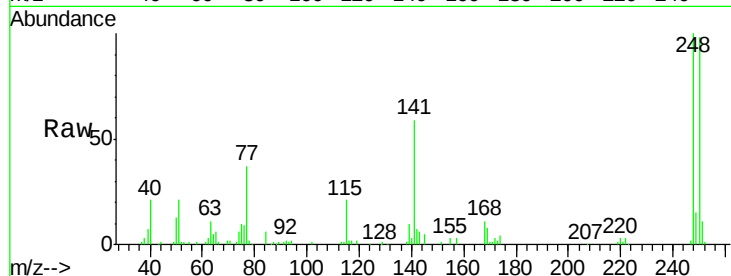




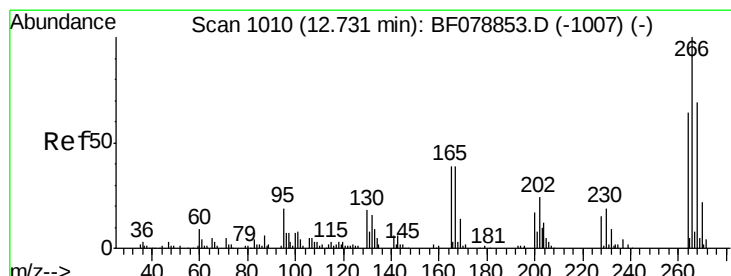
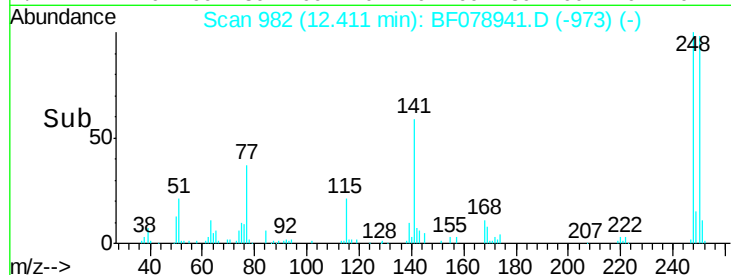
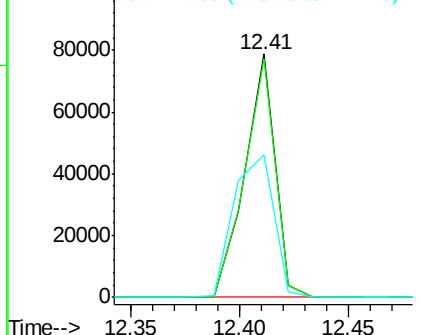
#66
 4-Bromophenyl-phenylether
 Concen: 27.69 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Instrument :
 BNA_F
 ClientSampleID :
 PT-BNA-SOILD

Tot Ion:248 Resp: 75811
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 58.7 58.8 88.2#

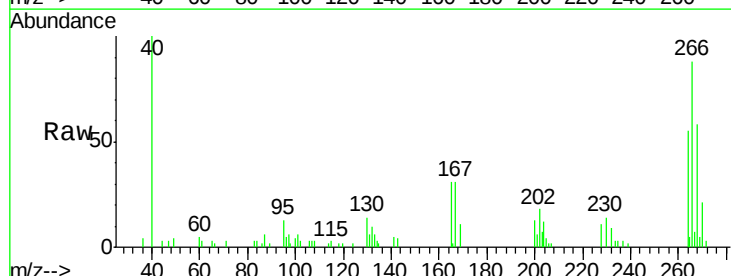


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

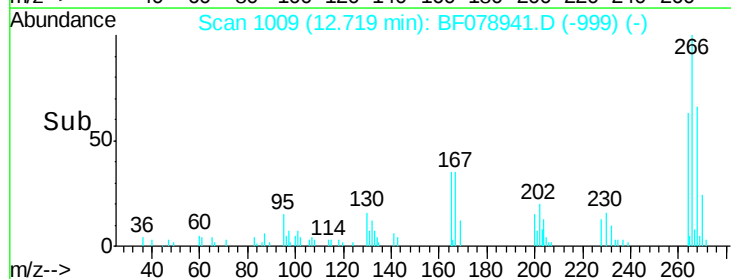
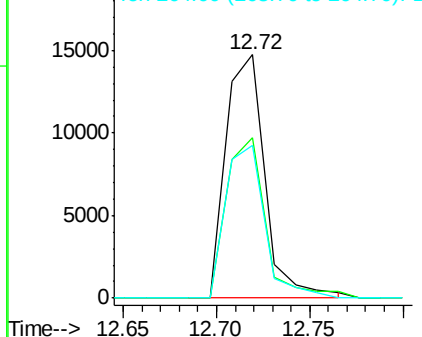


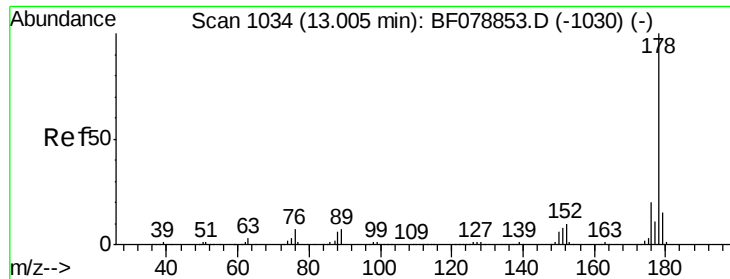
#69
 Pentachlorophenol
 Concen: 17.64 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:266 Resp: 21619
 Ion Ratio Lower Upper
 266 100
 268 65.9 55.0 82.6
 264 62.8 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

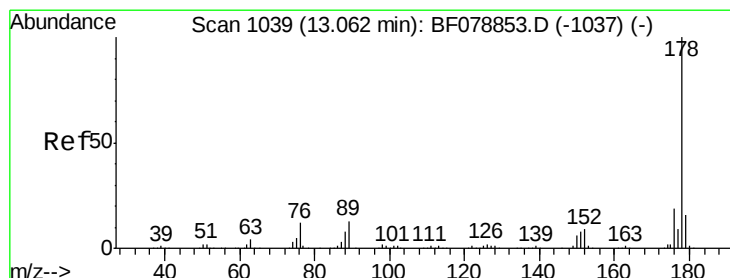
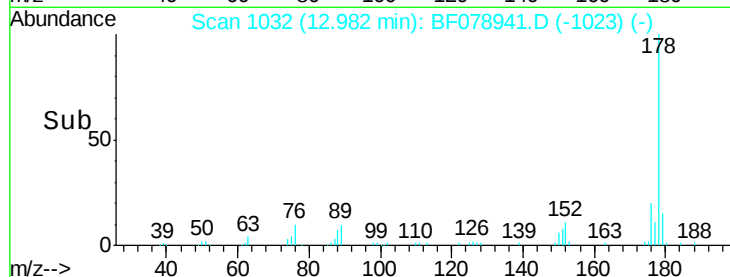
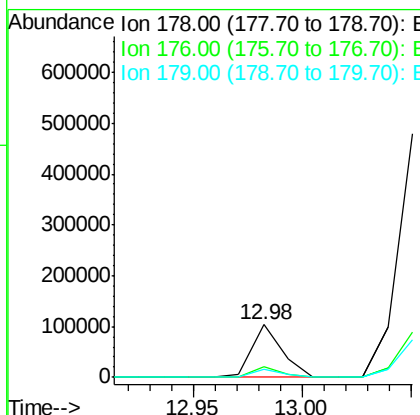
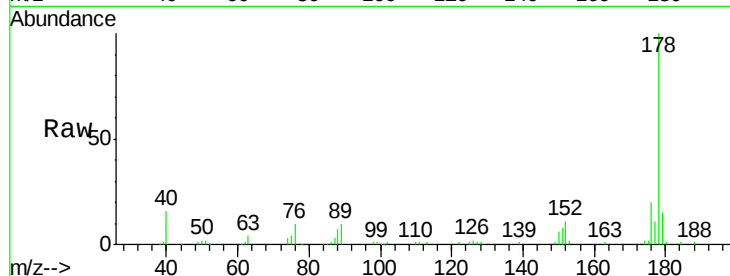




#70
Phenanthrene
Concen: 6.85 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

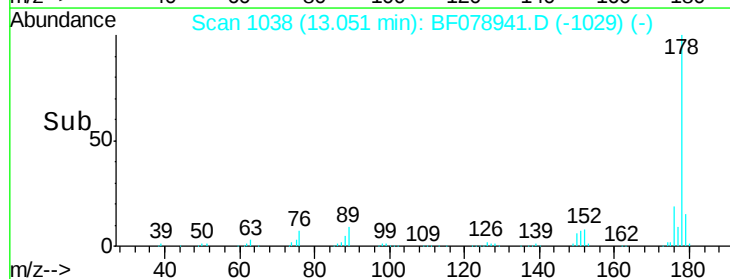
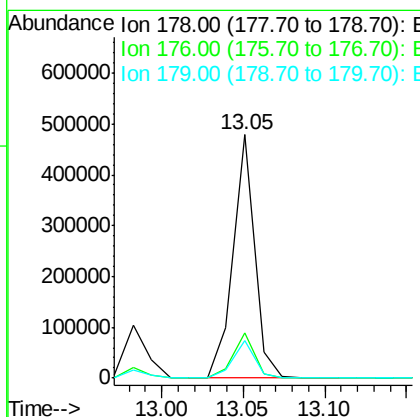
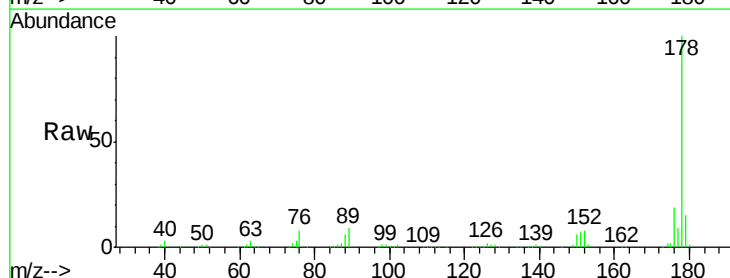
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

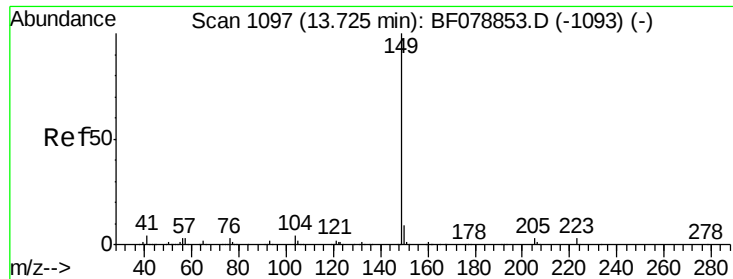
Tot Ion:178 Resp: 100736
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.3 12.5 18.7



#71
Anthracene
Concen: 30.11 ng
RT: 13.05 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

Tgt Ion:178 Resp: 434046
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.5 12.7 19.1





#73

Di-n-butylphthalate

Concen: 12.23 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

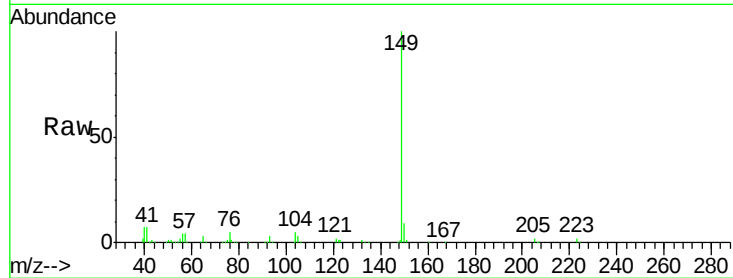
Tot Ion:149 Resp: 201468

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

104 4.8 4.6 7.0

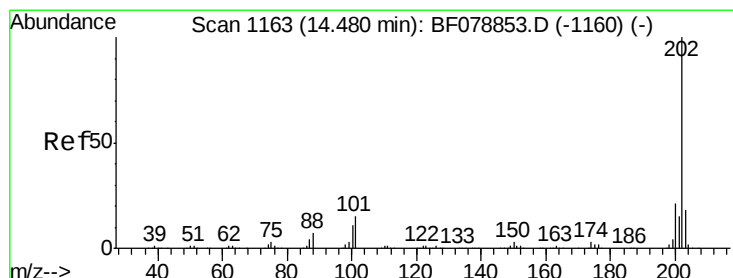
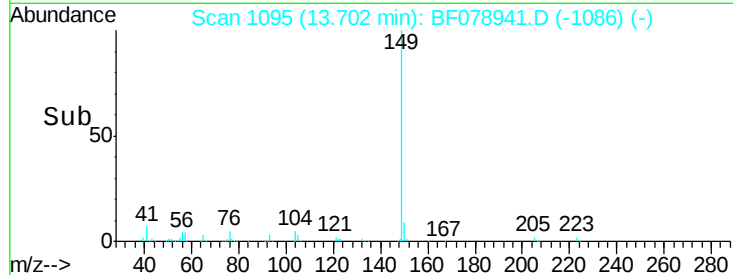
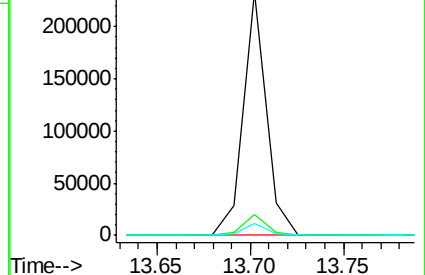


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

13.70



#74

Fluoranthene

Concen: 20.28 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

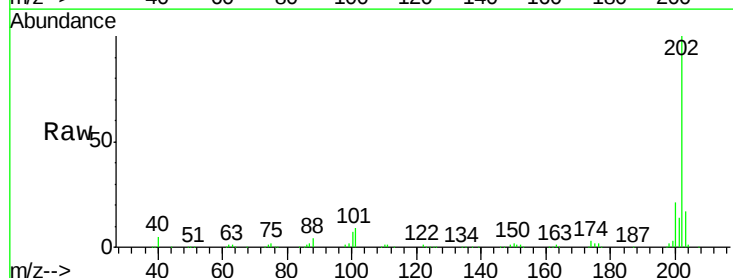
Tgt Ion:202 Resp: 310591

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.6

203 16.9 0.0 38.4

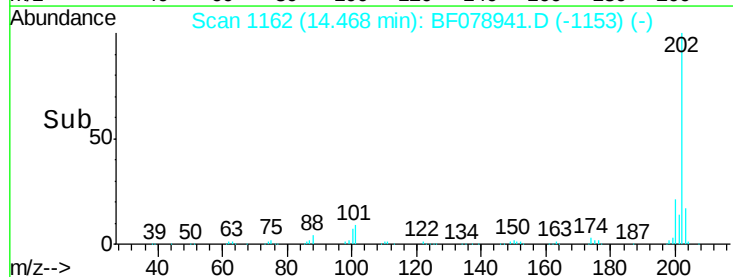
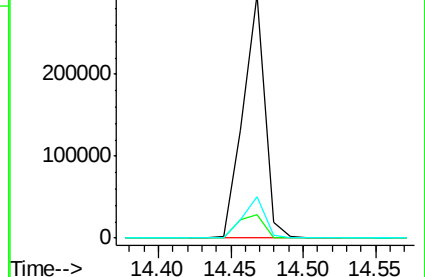


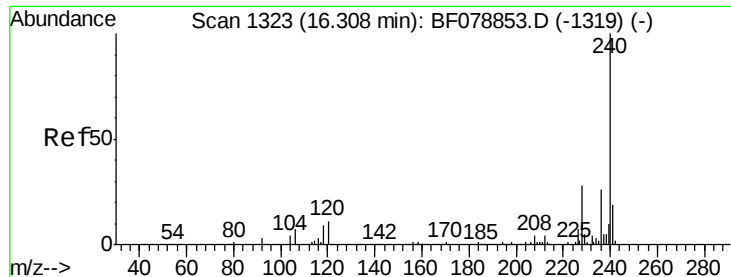
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

14.47





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

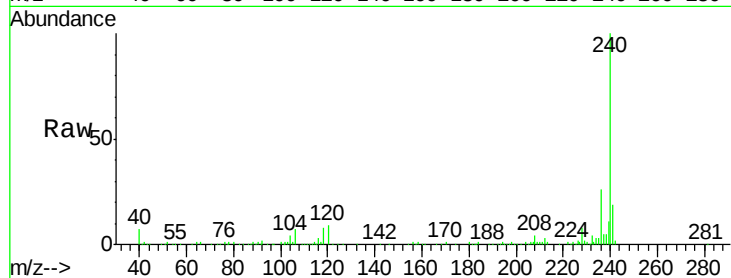
Tot Ion:240 Resp: 289021

Ion Ratio Lower Upper

240 100

120 9.5 9.7 14.5#

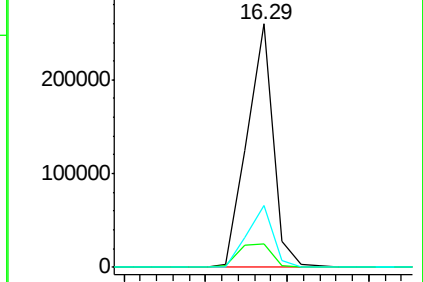
236 25.6 20.2 30.4



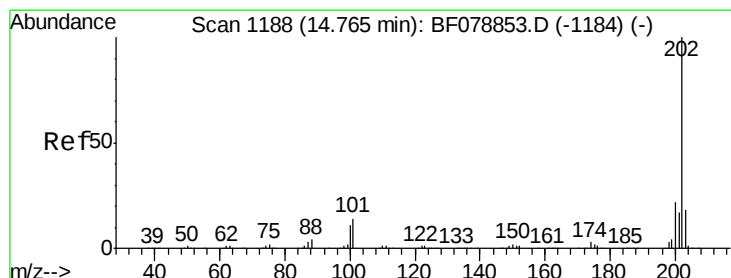
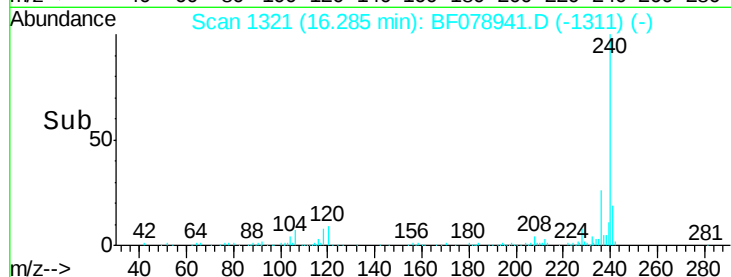
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 14.93 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

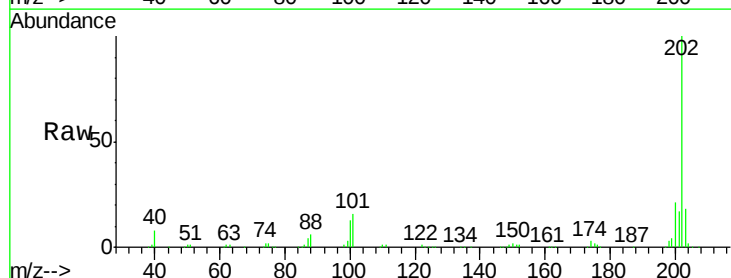
Tgt Ion:202 Resp: 248693

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

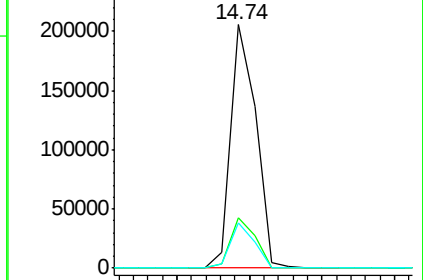
203 18.3 13.9 20.9



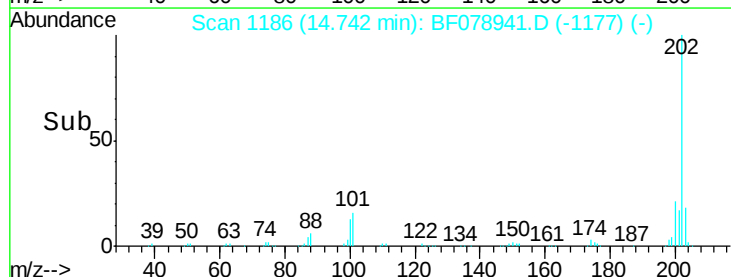
Abundance Ion 202.00 (201.70 to 202.70): E

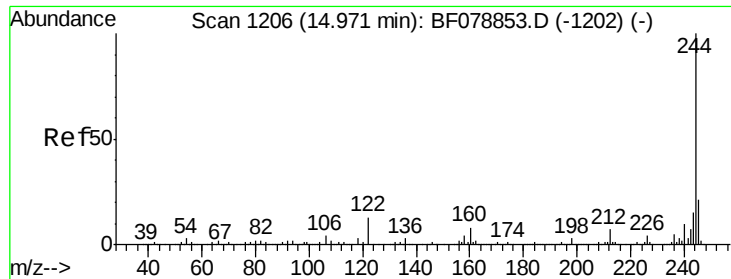
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

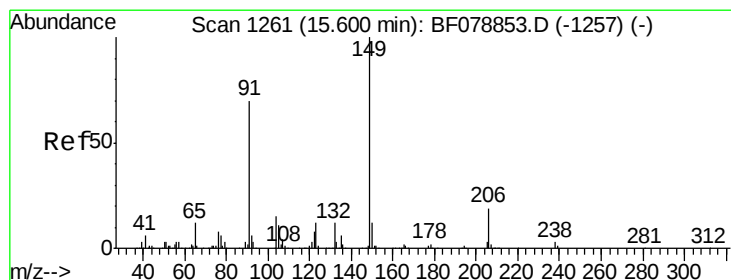
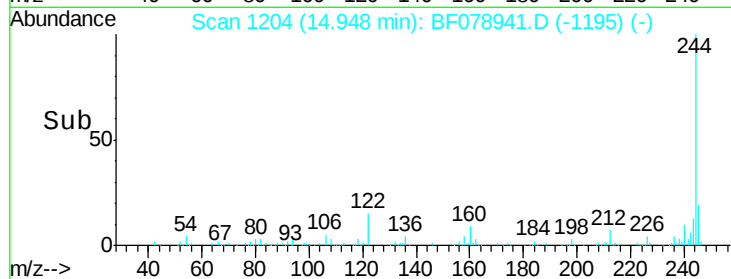
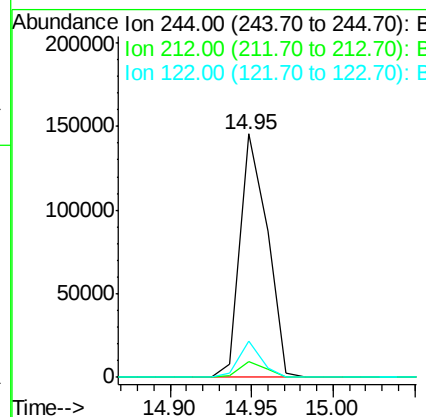
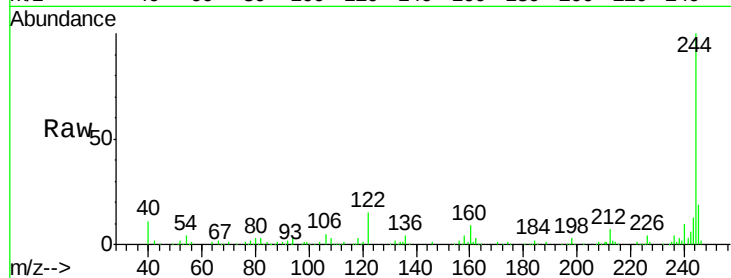




#78
 Terphenyl-d14
 Concen: 13.94 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

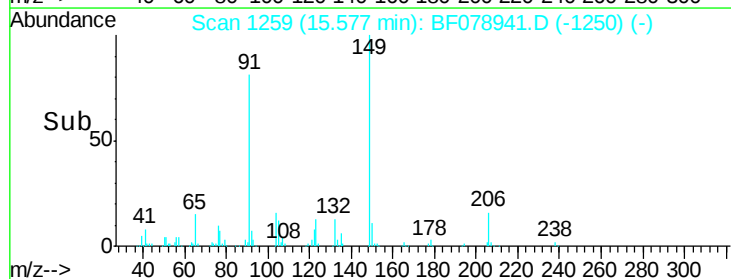
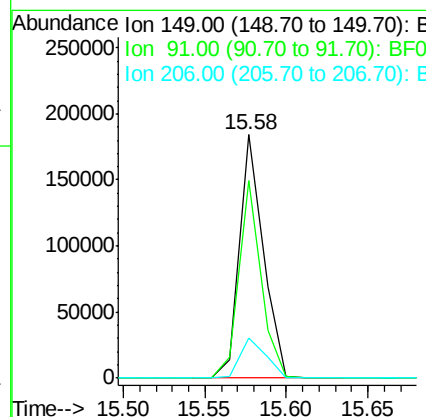
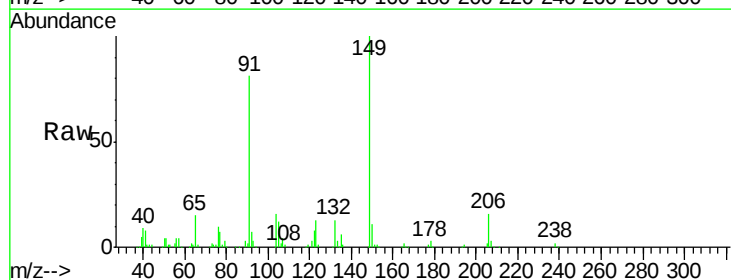
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

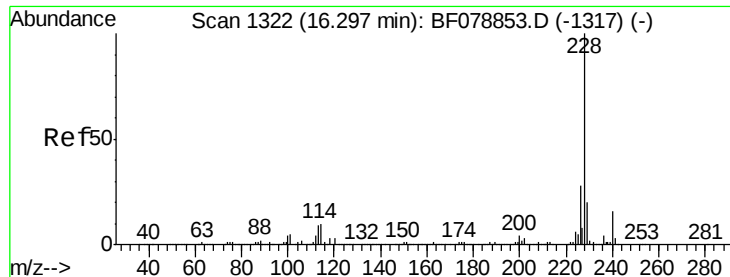
Tot Ion:244 Resp: 168259
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 14.7 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 25.29 ng
 RT: 15.58 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion:149 Resp: 184129
 Ion Ratio Lower Upper
 149 100
 91 81.0 64.6 97.0
 206 16.5 12.2 18.4

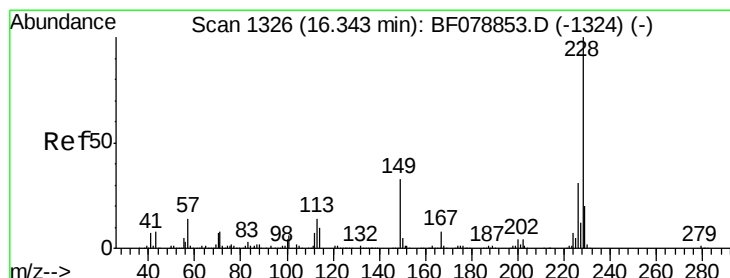
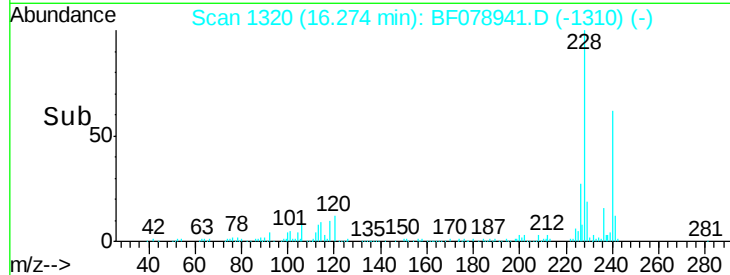
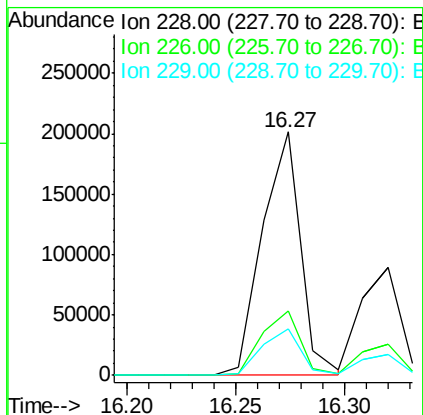
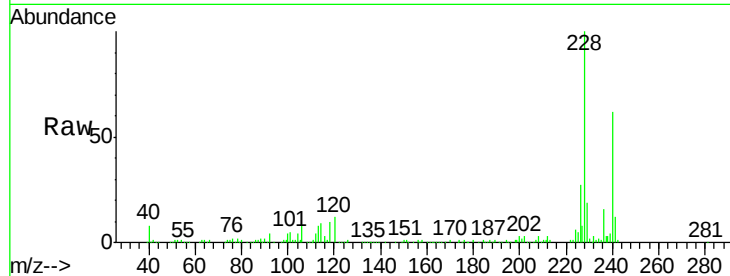




#80
Benzo(a)anthracene
Concen: 15.68 ng
RT: 16.27 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

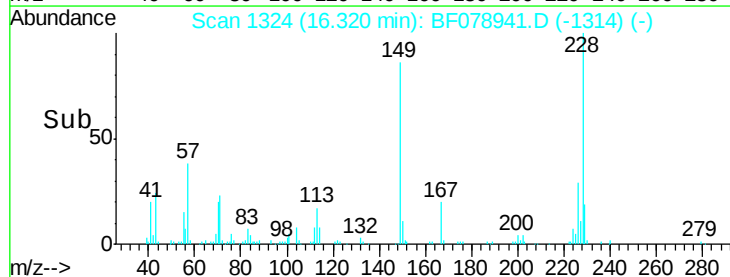
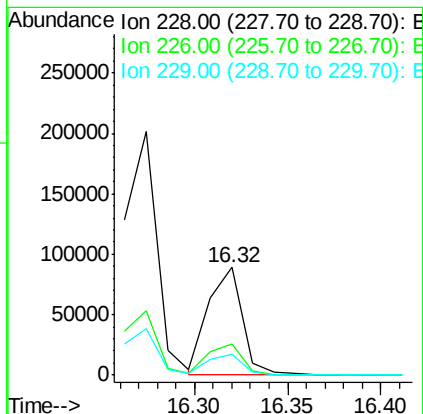
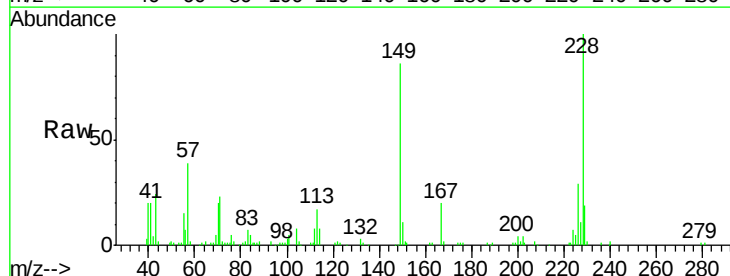
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

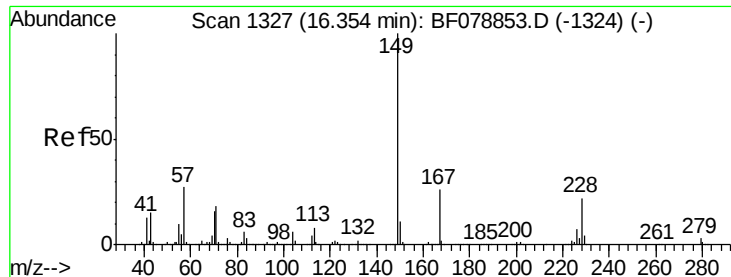
Tot Ion:228 Resp: 248181
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 18.9 15.9 23.9



#82
Chrysene
Concen: 7.45 ng
RT: 16.32 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

Tgt Ion:228 Resp: 113422
Ion Ratio Lower Upper
228 100
226 29.2 24.9 37.3
229 19.3 16.0 24.0

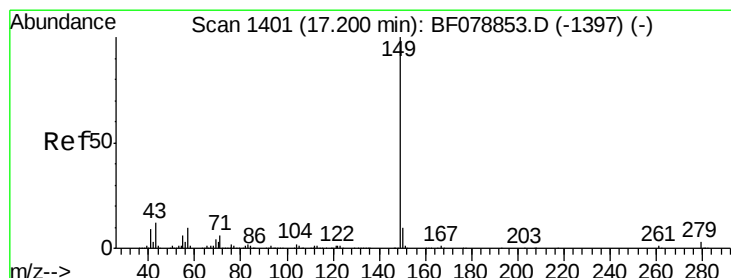
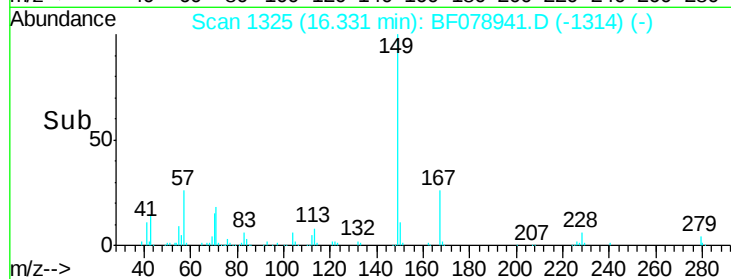
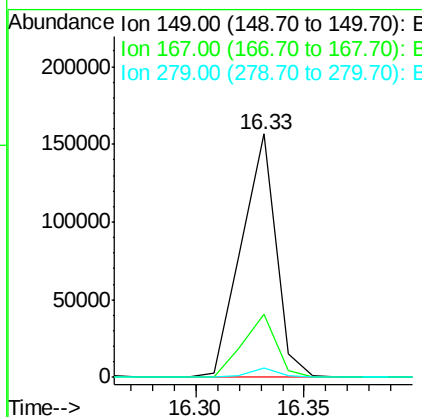
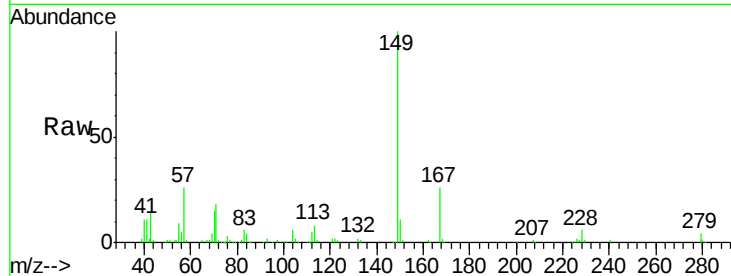




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.65 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

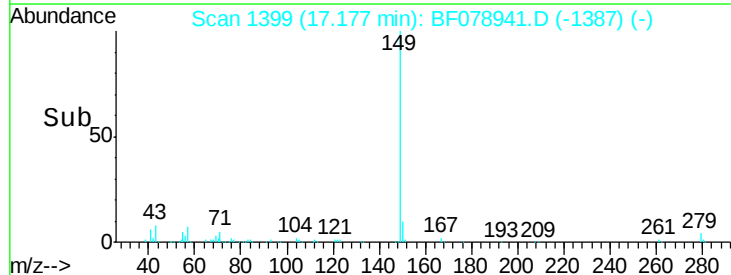
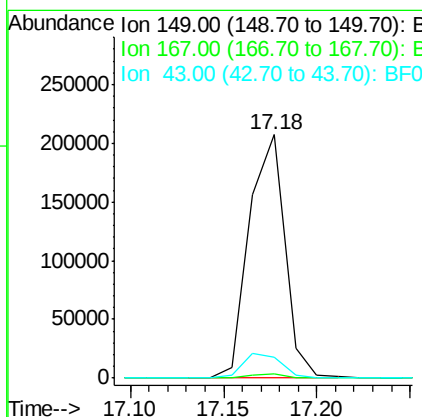
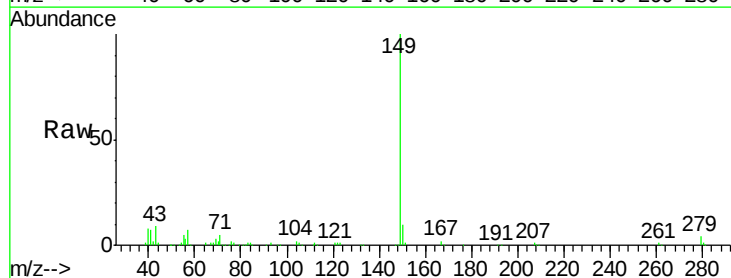
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

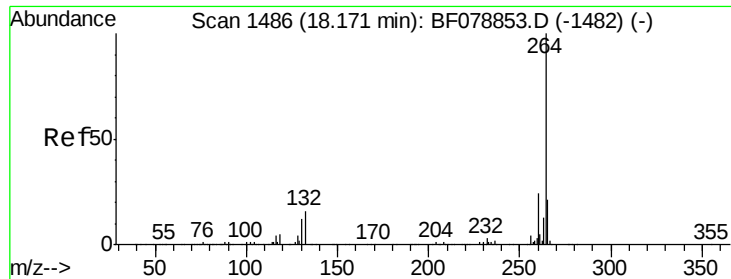
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	3.6	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 14.19 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. 0.03 min
 Lab File: BF078941.D
 Acq: 5 May 2015 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	11.8	0.0	0.0#

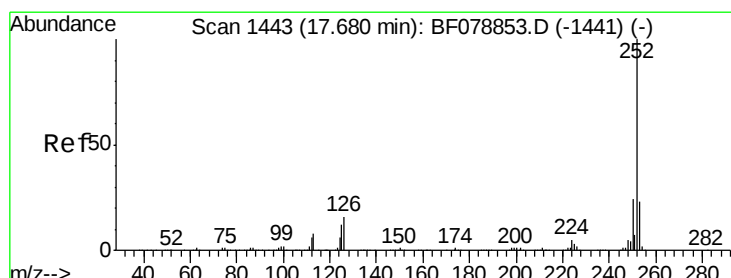
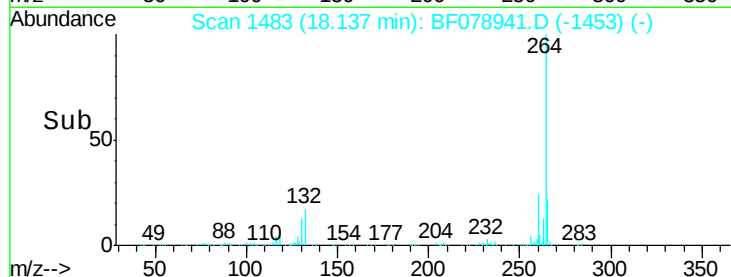
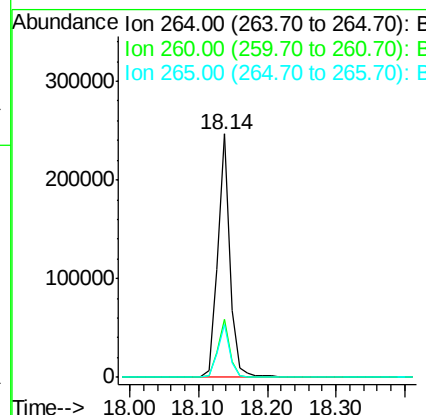
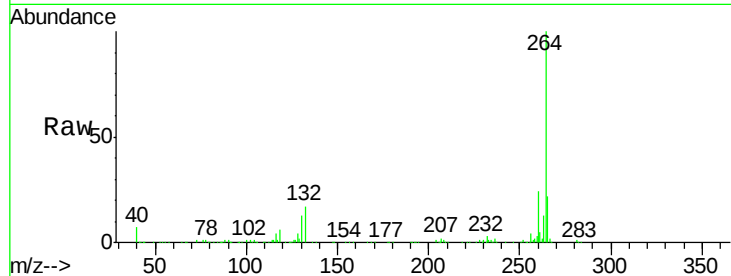




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.14 min Scan# 1483
Delta R.T. 0.05 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

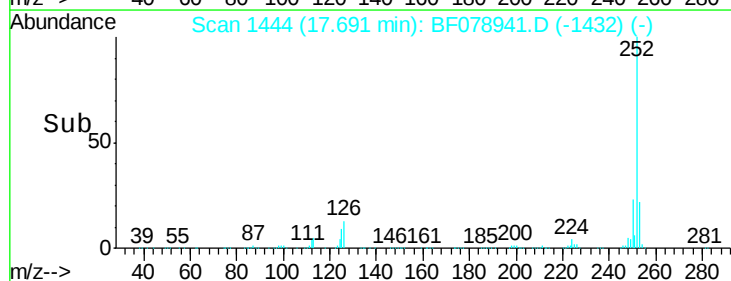
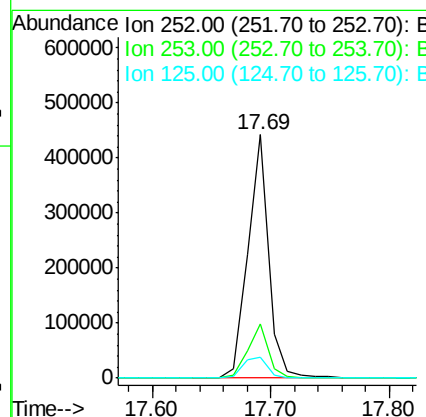
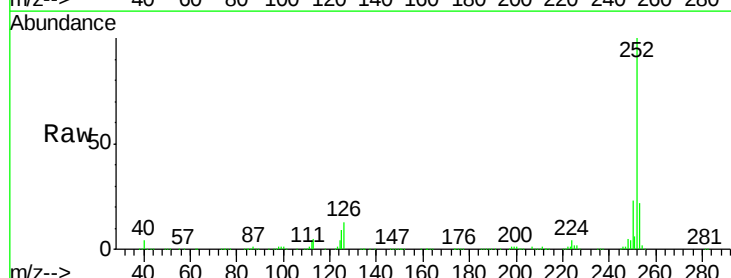
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

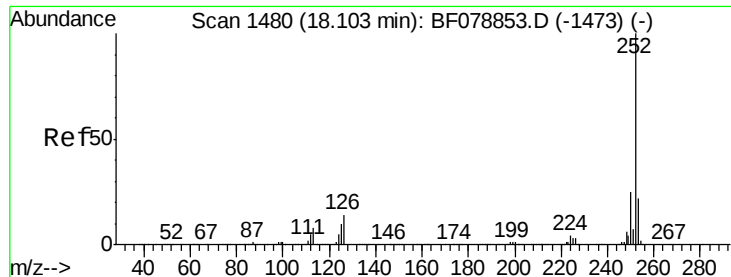
Tot Ion:264 Resp: 310870
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.7 18.3 27.5



#88
Benzo(k)fluoranthene
Concen: 33.03 ng
RT: 17.69 min Scan# 1444
Delta R.T. 0.03 min
Lab File: BF078941.D
Acq: 5 May 2015 15:33

Tgt Ion:252 Resp: 544123
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.7 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 8.61 ng

RT: 18.07 min Scan# 1477

Delta R.T. 0.05 min

Lab File: BF078941.D

Acq: 5 May 2015 15:33

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tot Ion:252 Resp: 134849

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.2 7.0 10.6

