

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081193.D
 Acq On : 25 Aug 2015 4:14
 Operator : UM/IZ
 Sample : G3385-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

Quant Time: Aug 25 04:43:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 23:49:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	70785	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	266953	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	124763	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	220011	20.00	ng	0.00
75) Chrysene-d12	13.65	240	147843	20.00	ng	-0.01
86) Perylene-d12	14.99	264	124467	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	489900	104.10	ng	0.01
7) Phenol-d6	6.20	99	769907	125.38	ng	0.00
23) Nitrobenzene-d5	7.11	82	400948	68.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	119098	110.12	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	621577	65.28	ng	0.00
78) Terphenyl-d14	12.62	244	470647	68.25	ng	0.00

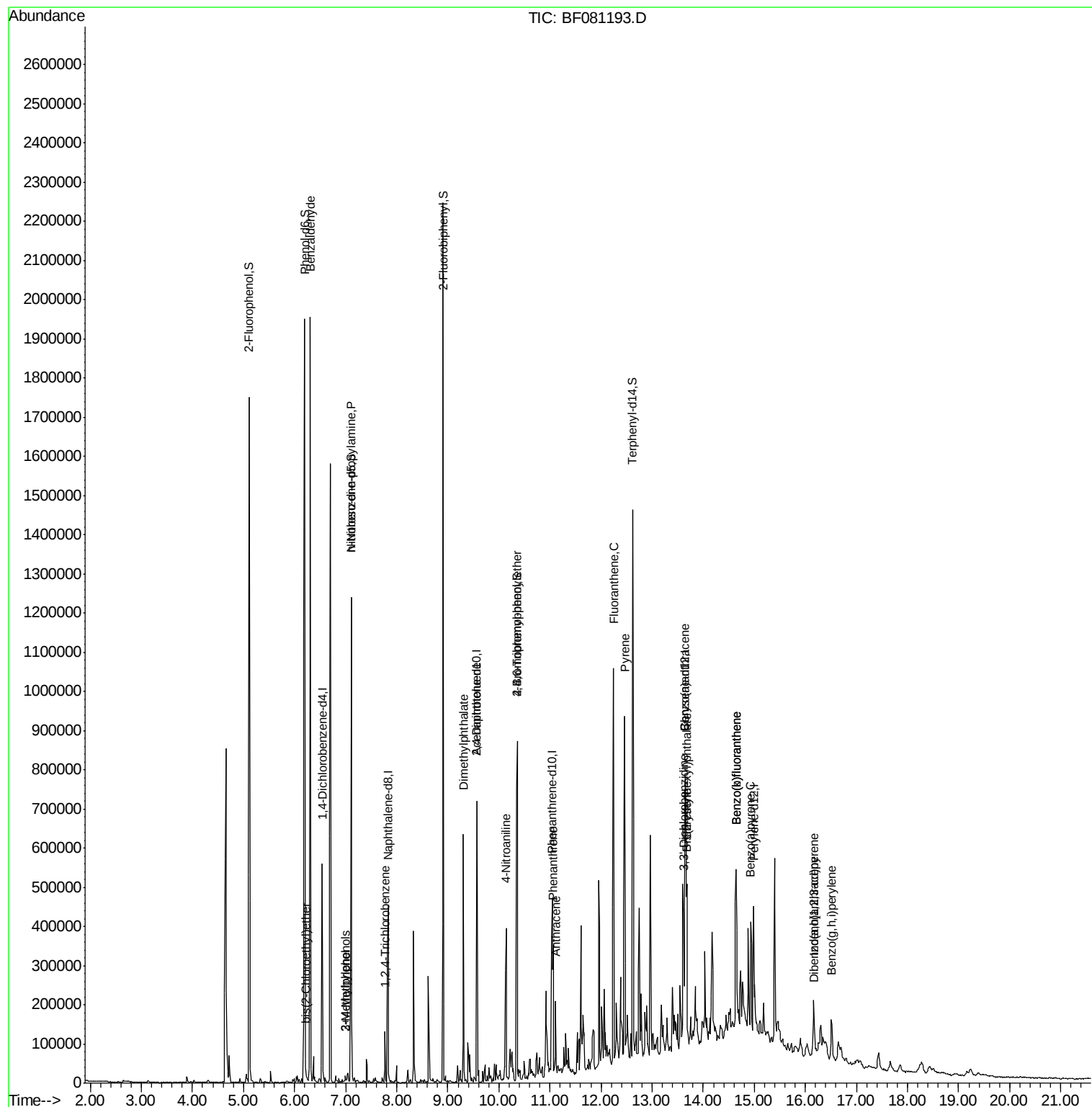
Target Compounds						Qvalue
9) Benzaldehyde	6.31	77	14223	3.59	ng	83
11) bis(2-Chloroethyl)ether	6.22	93	14939	2.68	ng	# 27
17) 2-Methylphenol	7.00	107	10823	2.45	ng	# 31
19) n-Nitroso-di-n-propylamine	7.11	70	53694	12.62	ng	# 69
20) 3+4-Methylphenols	7.00	107	12251	2.18	ng	# 16
30) 1,2,4-Trichlorobenzene	7.77	180	22814	5.42	ng	98
49) Dimethylphthalate	9.30	163	211165	20.55	ng	100
56) 2,4-Dinitrotoluene	9.57	165	15806	5.41	ng	# 18
61) 4-Nitroaniline	10.14	138	77253	27.38	ng	# 84
66) 4-Bromophenyl-phenylether	10.36	248	8911	4.12	ng	# 1
70) Phenanthrene	11.06	178	162981	12.50	ng	99
71) Anthracene	11.11	178	67147	5.29	ng	96
74) Fluoranthene	12.24	202	431991	30.70	ng	96
77) Pyrene	12.46	202	340243	28.31	ng	96
80) Benzo(a)anthracene	13.65	228	207275	20.91	ng	98
81) 3,3'-Dichlorobenzidine	13.61	252	50356	15.68	ng	# 94
82) Chrysene	13.68	228	179267	20.06	ng	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	29858	4.51	ng	96
85) Indeno(1,2,3-cd)pyrene	16.16	276	81154	12.94	ng	96
87) Benzo(b)fluoranthene	14.64	252	287224	32.62	ng	# 97
88) Benzo(k)fluoranthene	14.64	252	287224	35.01	ng	99
89) Benzo(a)pyrene	14.93	252	146265	19.07	ng	# 90
90) Dibenzo(a,h)anthracene	16.17	278	26209	4.38	ng	# 87
91) Benzo(g,h,i)perylene	16.51	276	72240	11.91	ng	# 85

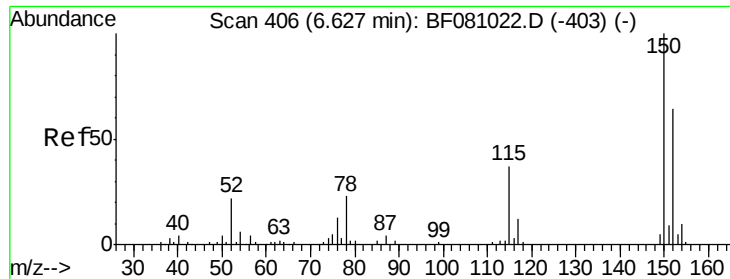
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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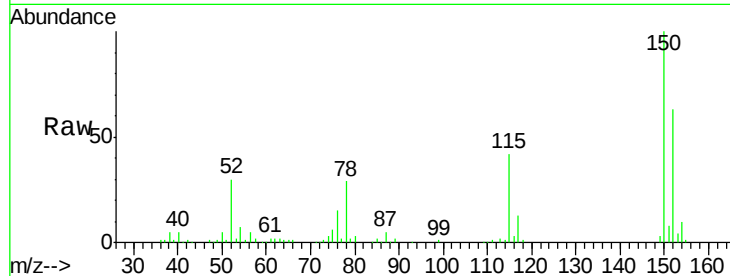


#1

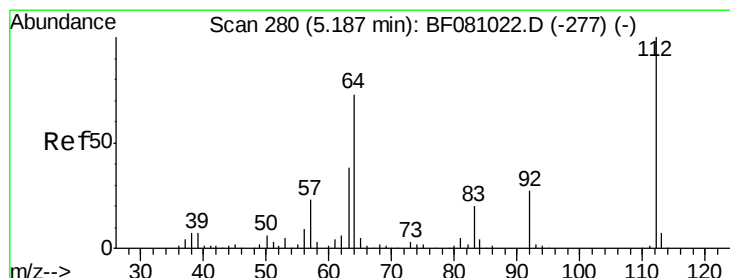
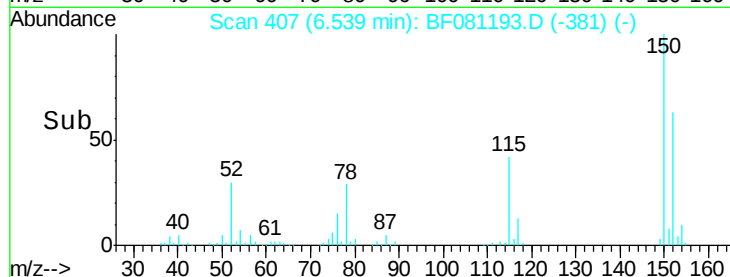
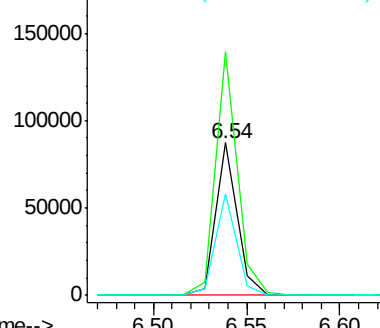
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Instrument :
BNA_F
ClientSampleId :
SOIL-6

Tgt Ion:152 Resp: 70785
Ion Ratio Lower Upper
152 100
150 159.7 123.8 185.6
115 66.3 52.1 78.1



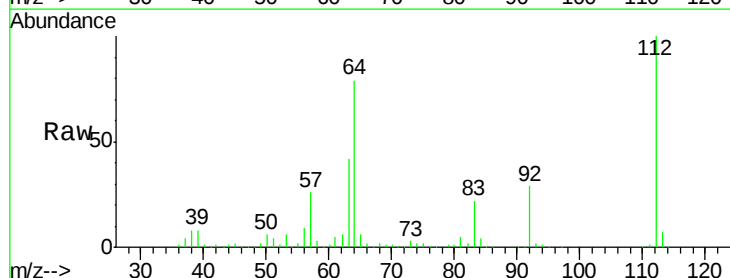
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



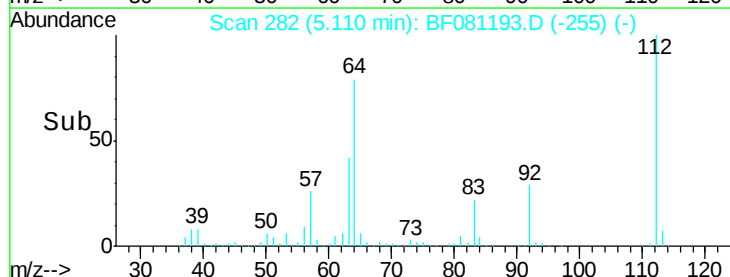
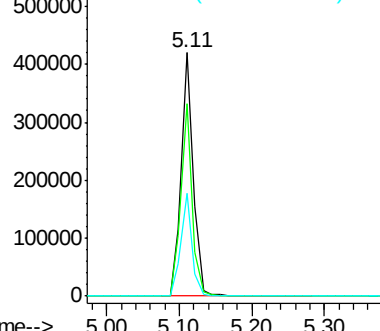
#5

2-Fluorophenol
Concen: 104.10 ng
RT: 5.11 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion:112 Resp: 489900
Ion Ratio Lower Upper
112 100
64 78.8 66.9 100.3
63 42.0 38.1 57.1



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: 125.38 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Instrument :

BNA_F

ClientSampled :

SOIL-6

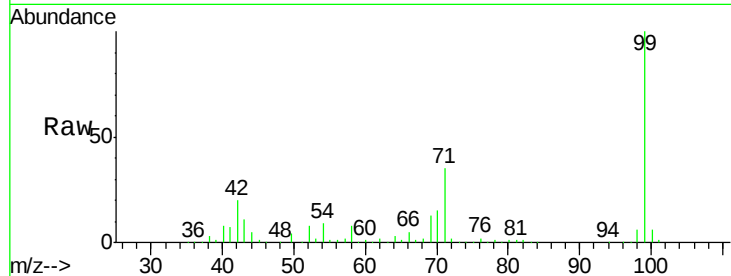
Tgt Ion: 99 Resp: 769907

Ion Ratio Lower Upper

99 100

42 20.0 19.6 29.4

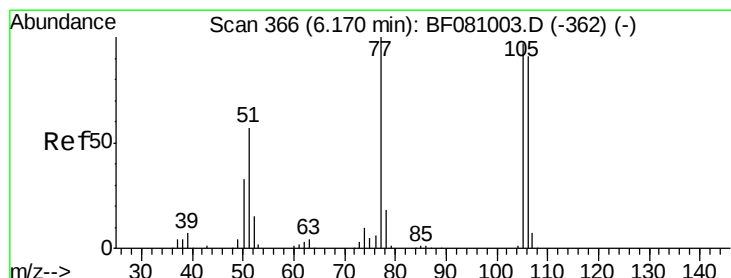
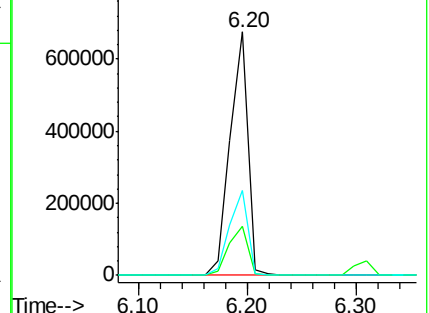
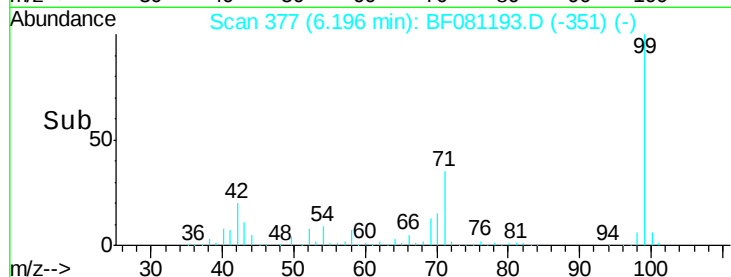
71 34.7 31.2 46.8



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



#9

Benzaldehyde

Concen: 3.59 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

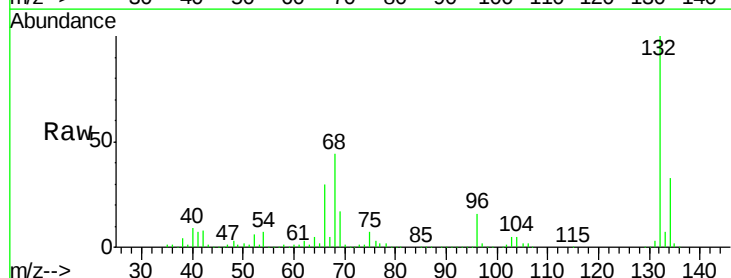
Tgt Ion: 77 Resp: 14223

Ion Ratio Lower Upper

77 100

105 77.0 69.6 109.6

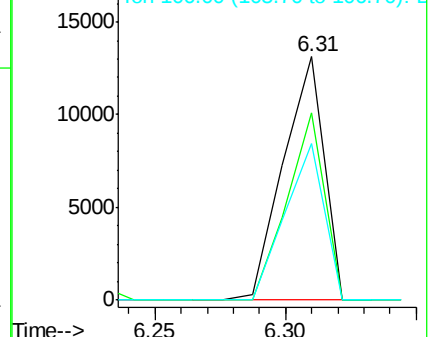
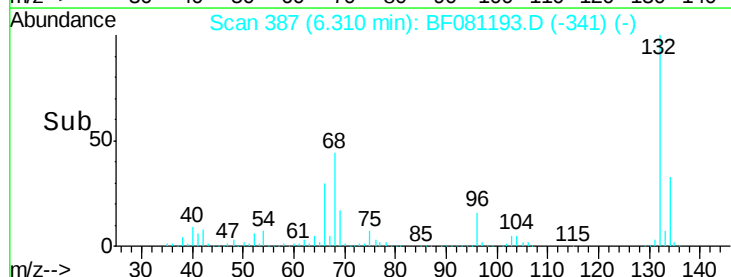
106 64.5 64.0 104.0

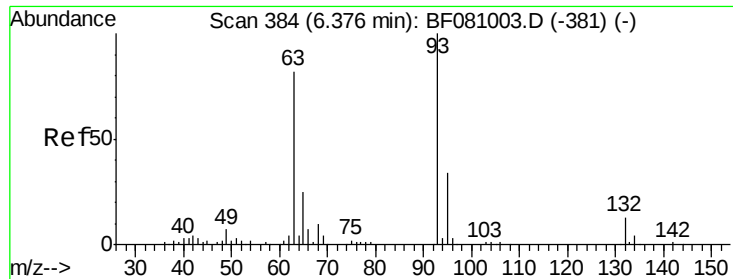


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

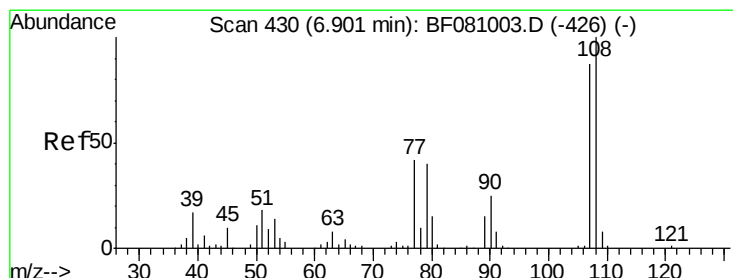
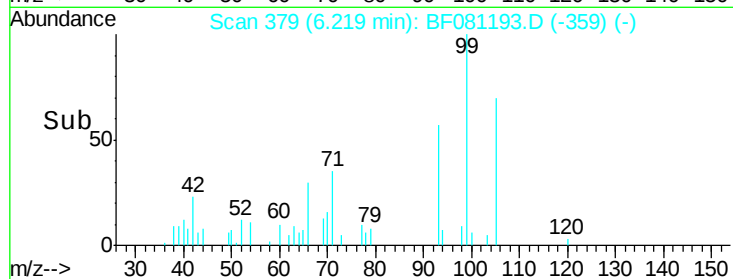
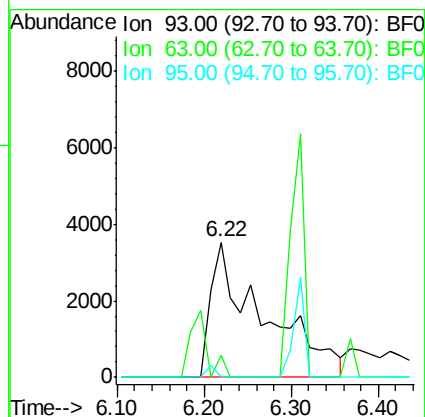
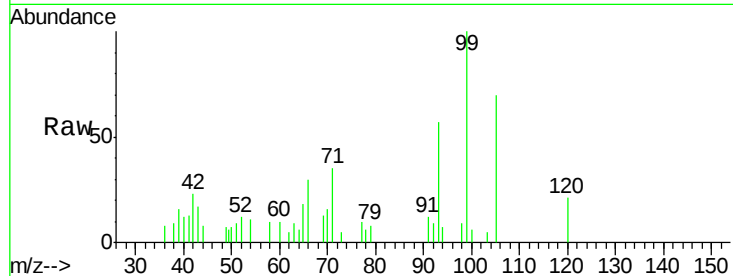




#11
bis(2-Chloroethyl)ether
Concen: 2.68 ng
RT: 6.22 min Scan# 379
Delta R.T. -0.07 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

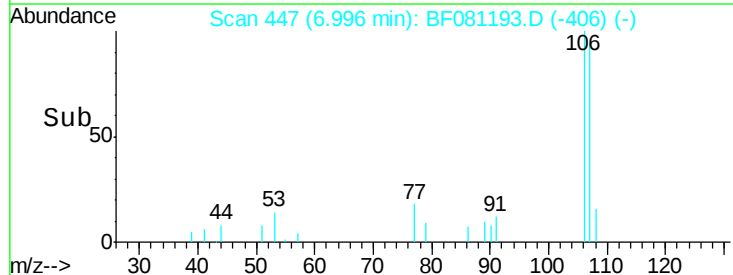
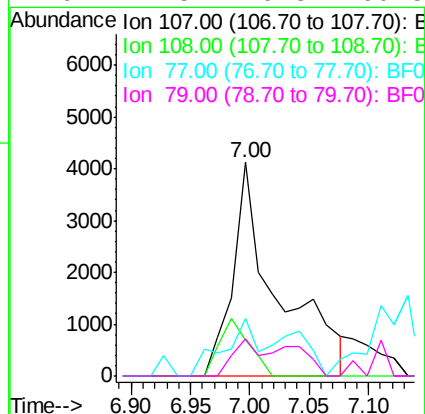
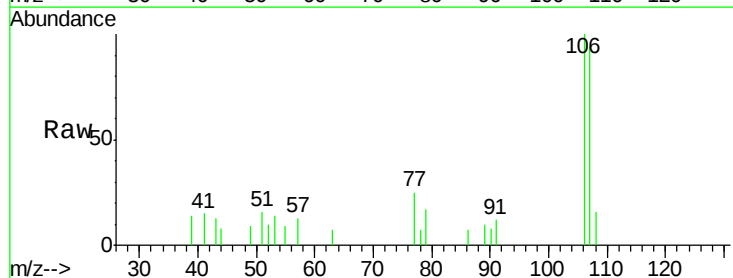
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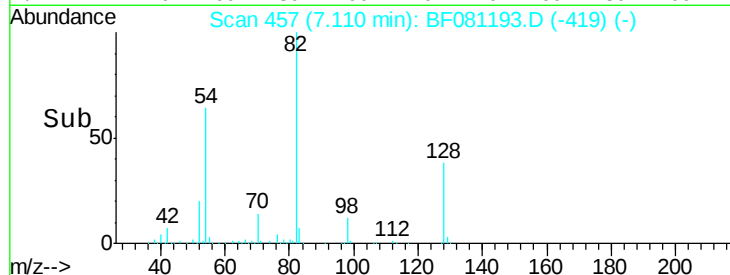
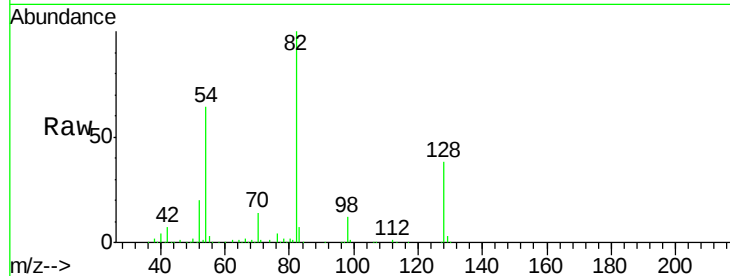
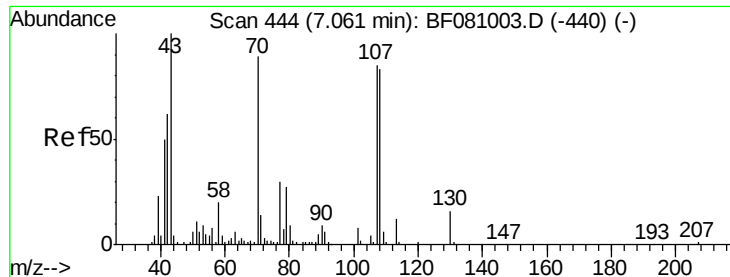
Tgt Ion: 93 Resp: 14939
Ion Ratio Lower Upper
93 100
63 16.1 69.6 109.6#
95 0.0 12.3 52.3#



#17
2-Methylphenol
Concen: 2.45 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.17 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion: 107 Resp: 10823
Ion Ratio Lower Upper
107 100
108 16.5 90.4 135.6#
77 26.9 46.5 69.7#
79 17.5 46.3 69.5#

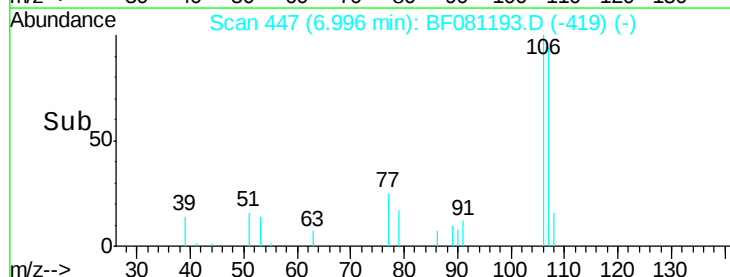
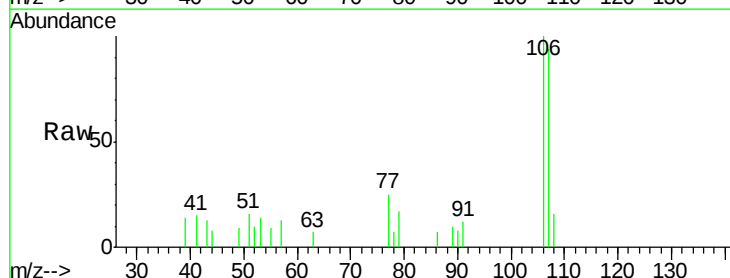
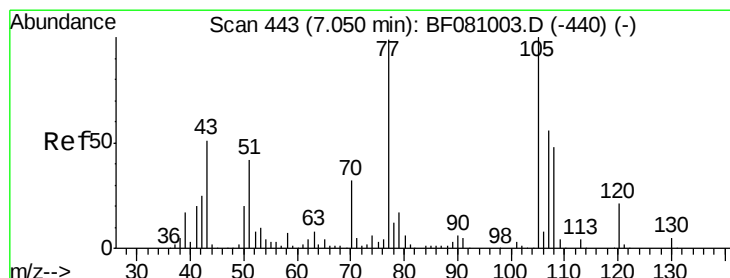
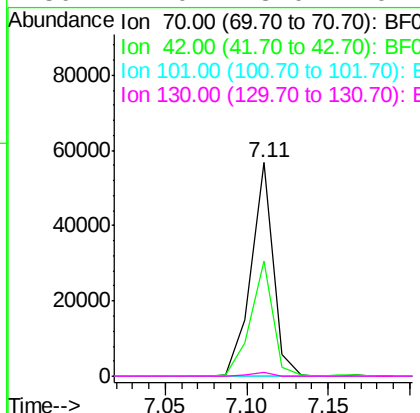




#19
n-Nitroso-di-n-propylamine
Concen: 12.62 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

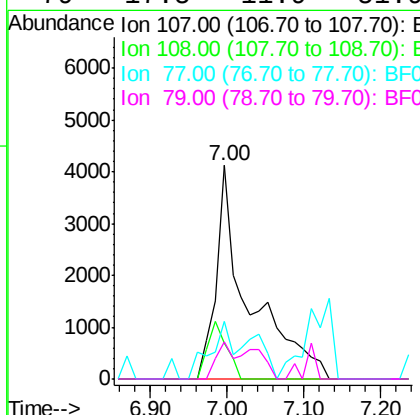
Instrument :
BNA_F
ClientSampleId :
SOIL-6

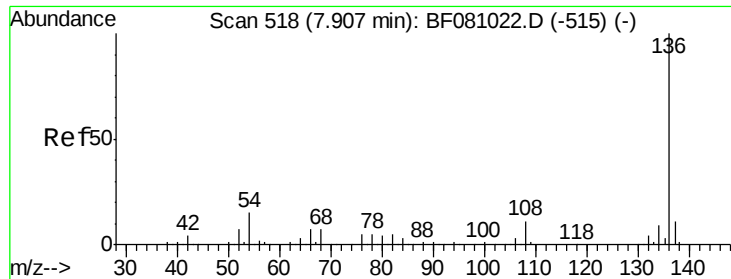
Tgt Ion: 70 Resp: 53694
Ion Ratio Lower Upper
70 100
42 53.9 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#20
3+4-Methylphenols
Concen: 2.18 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.02 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion: 107 Resp: 12251
Ion Ratio Lower Upper
107 100
108 16.5 66.1 106.1#
77 26.9 139.3 179.3#
79 17.5 11.9 51.9

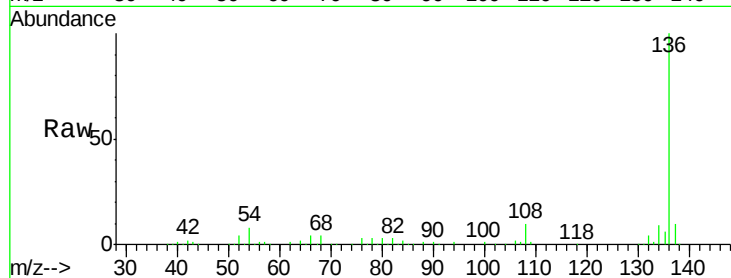




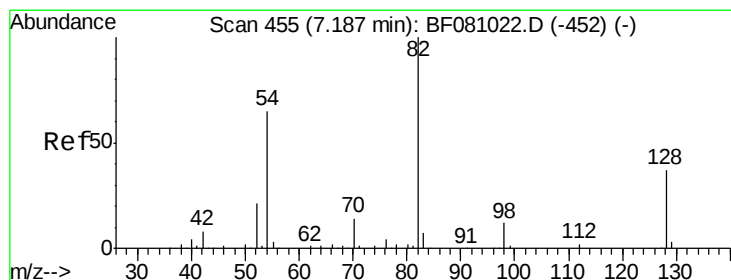
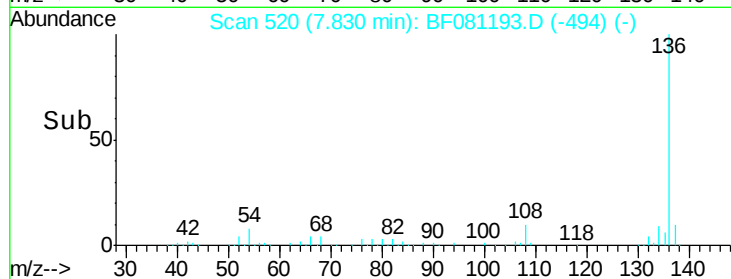
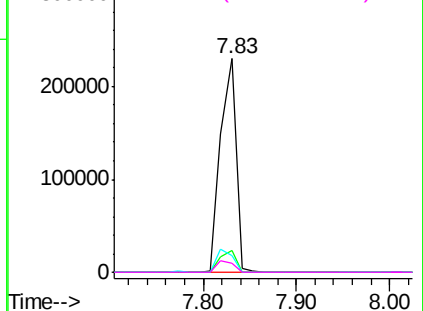
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Instrument :
BNA_F
ClientSampleId :
SOIL-6

Tgt Ion:	136	Resp:	266953
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.7	7.7	11.5
68	4.4	3.4	5.2

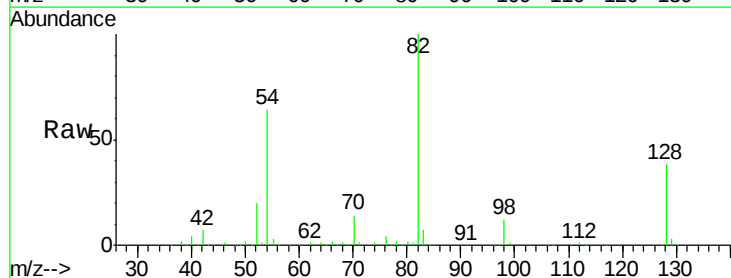


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

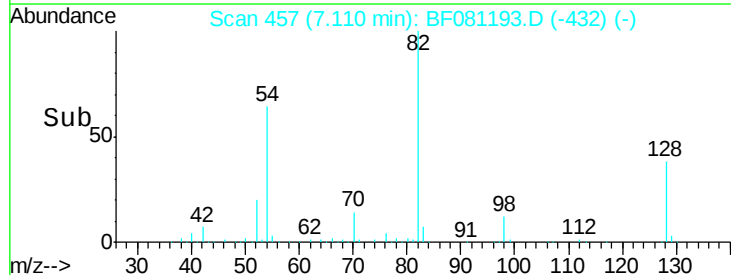
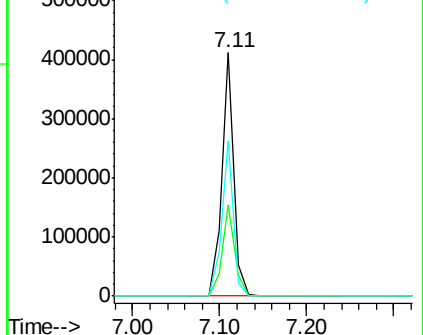


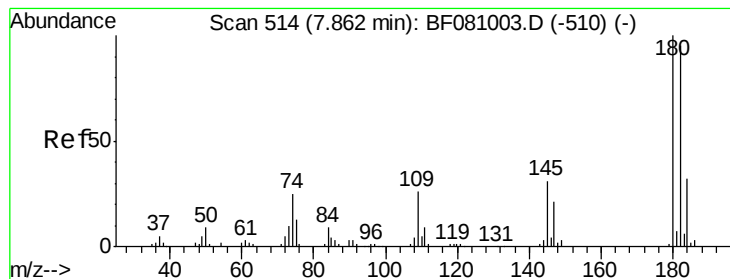
#23
Nitrobenzene-d5
Concen: 68.61 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion:	82	Resp:	400948
Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.6	42.8
54	64.0	55.1	82.7



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





#30

1,2,4-Trichlorobenzene

Concen: 5.42 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Instrument :

BNA_F

ClientSampleId :

SOIL-6

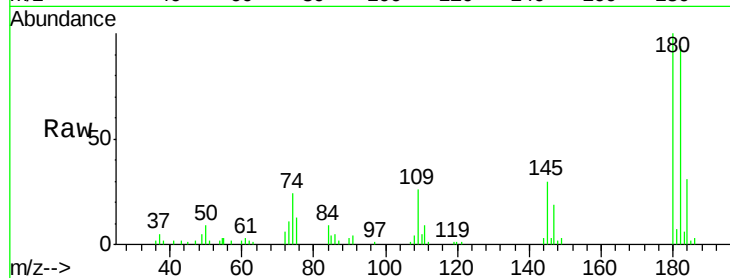
Tgt Ion:180 Resp: 22814

Ion Ratio Lower Upper

180 100

182 94.0 76.4 114.6

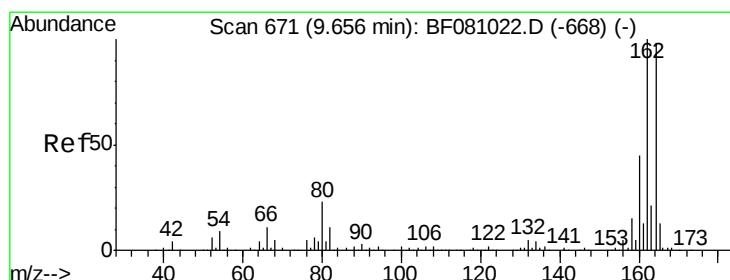
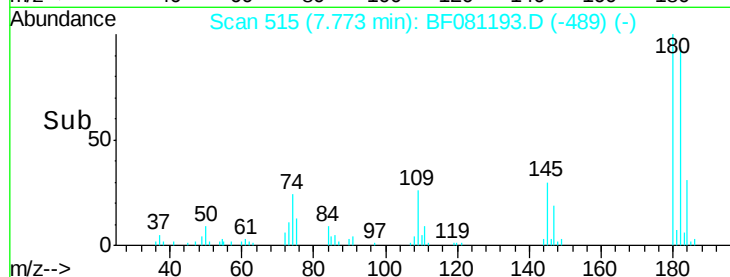
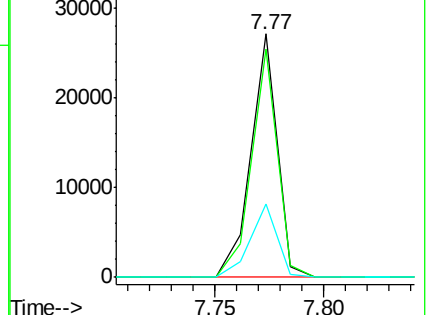
145 30.2 25.4 38.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

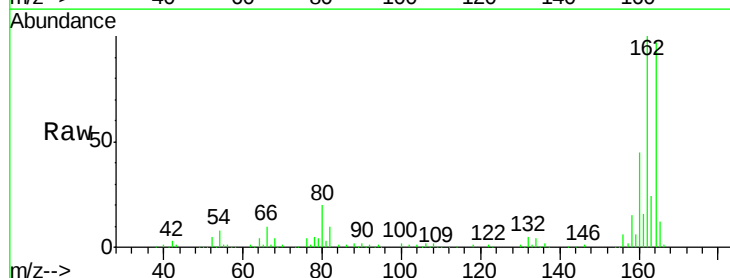
Tgt Ion:164 Resp: 124763

Ion Ratio Lower Upper

164 100

162 103.3 83.8 125.8

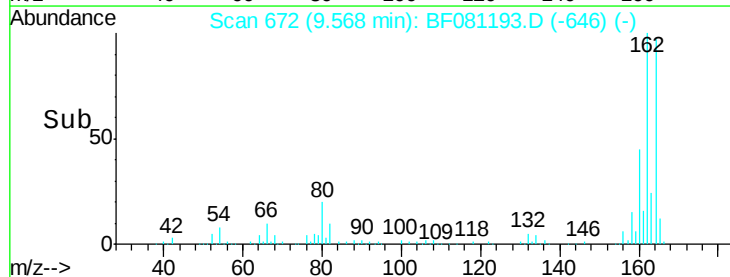
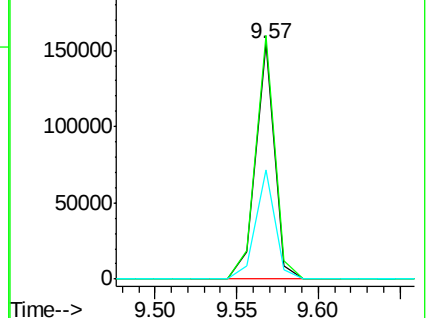
160 46.5 39.8 59.8

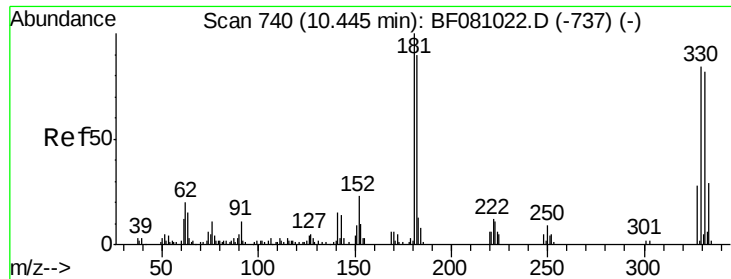


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

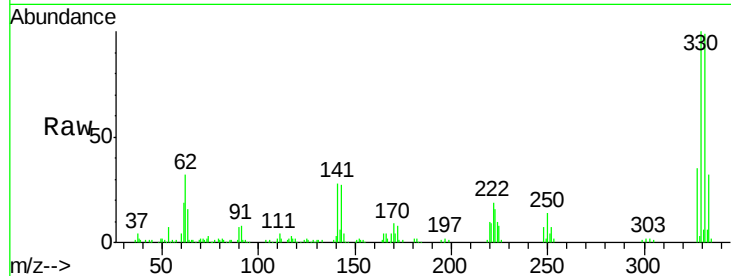




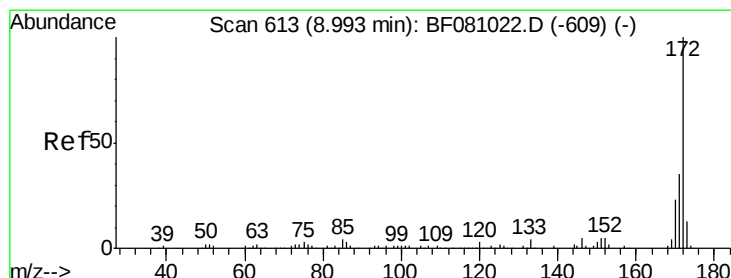
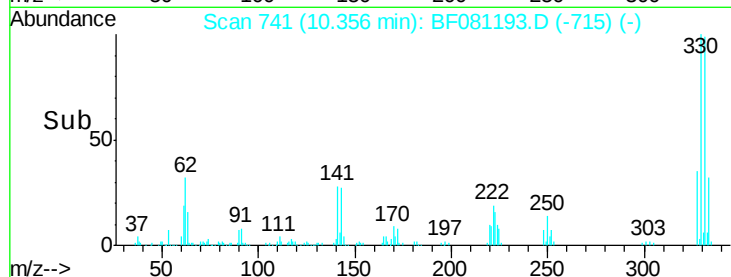
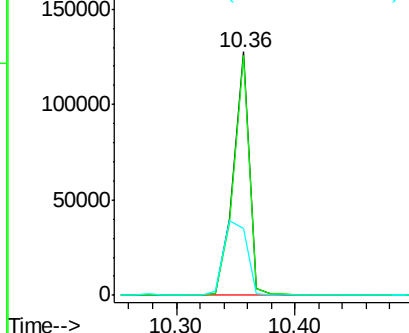
#41
 2,4,6-Tribromophenol
 Concen: 110.12 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	45.5	44.9	67.3

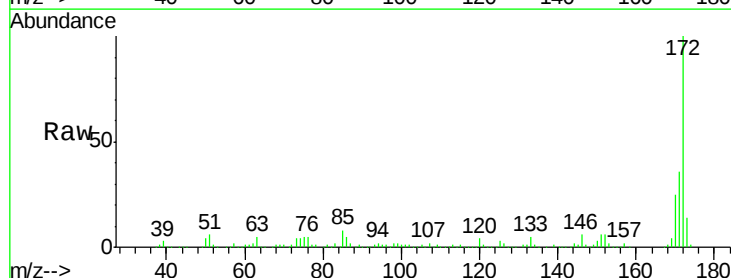


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

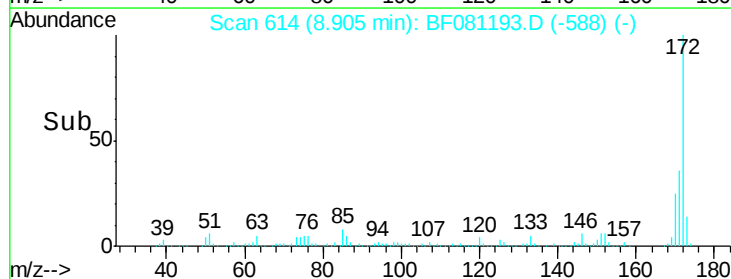
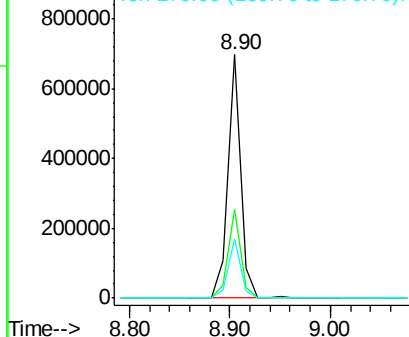


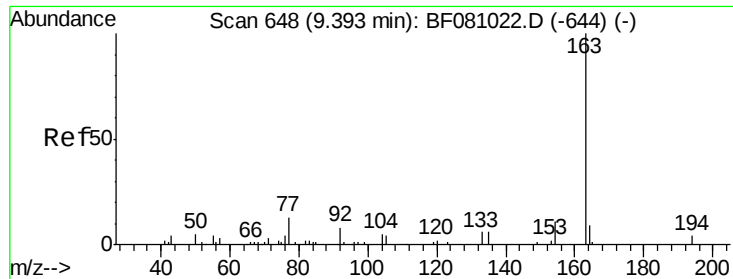
#44
 2-Fluorobiphenyl
 Concen: 65.28 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.6	19.4	29.2



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

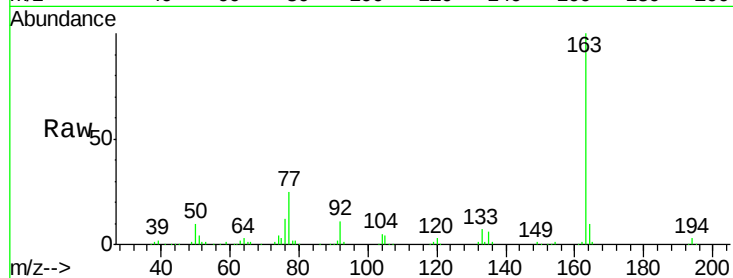




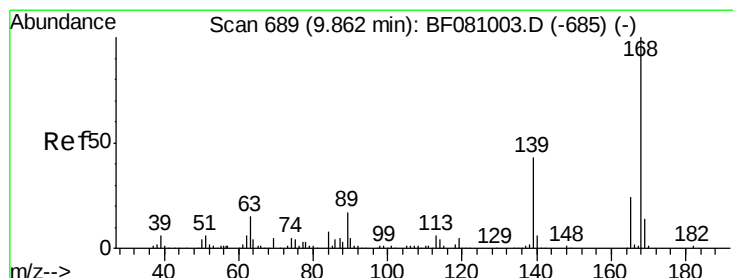
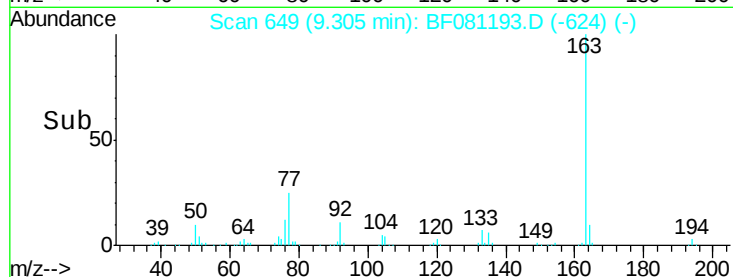
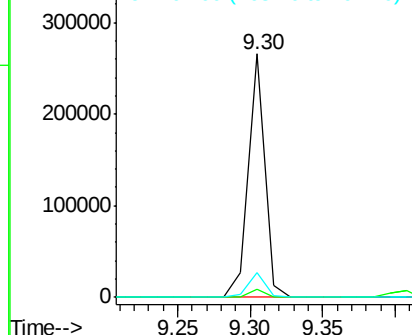
#49
Dimethylphthalate
Concen: 20.55 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Instrument :
BNA_F
ClientSampleId :
SOIL-6

Tgt Ion:163 Resp: 211165
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 9.9 8.1 12.1

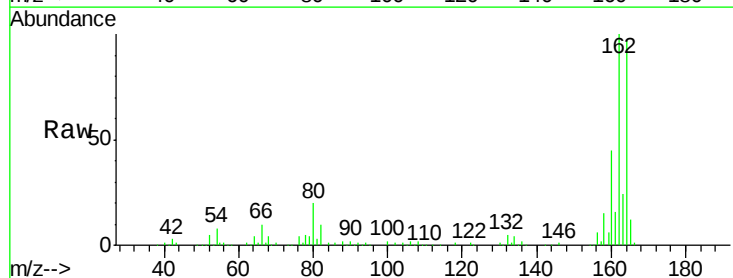


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

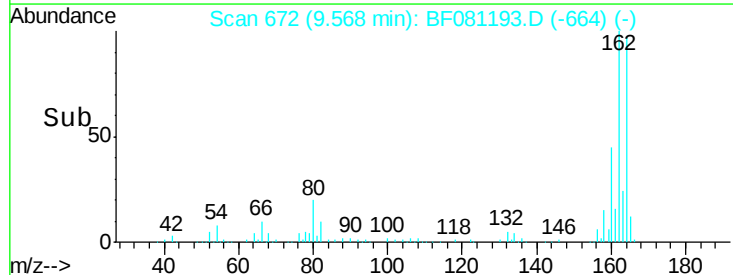
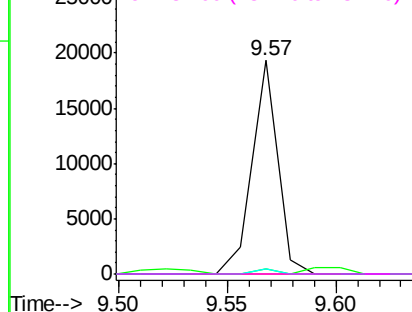


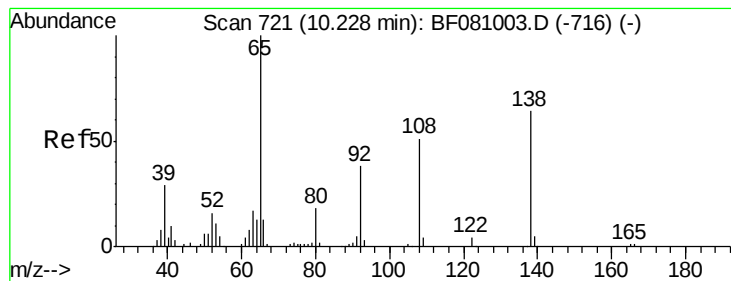
#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion:165 Resp: 15806
Ion Ratio Lower Upper
165 100
63 2.3 52.2 78.4#
89 2.3 60.1 90.1#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

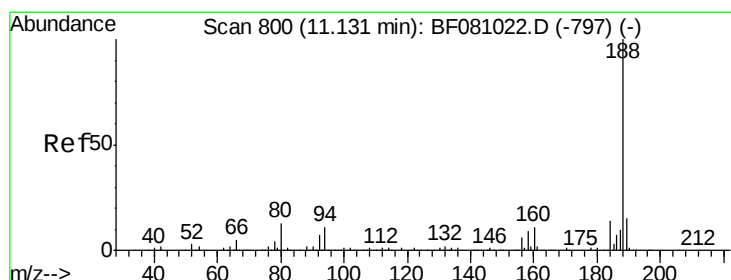
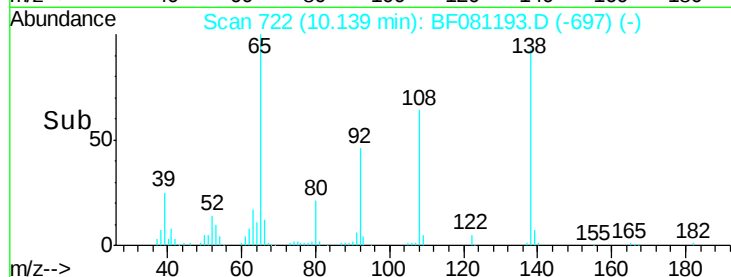
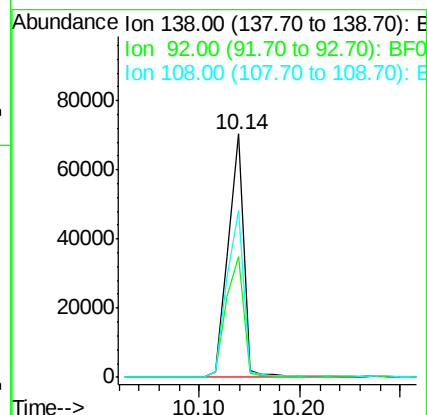
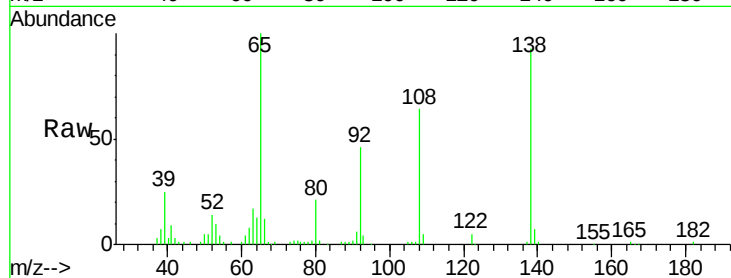




#61
4-Nitroaniline
Concen: 27.38 ng
RT: 10.14 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

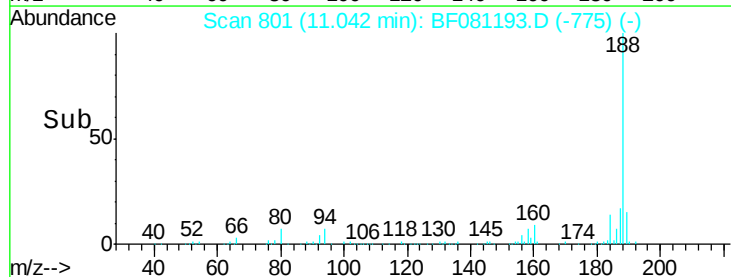
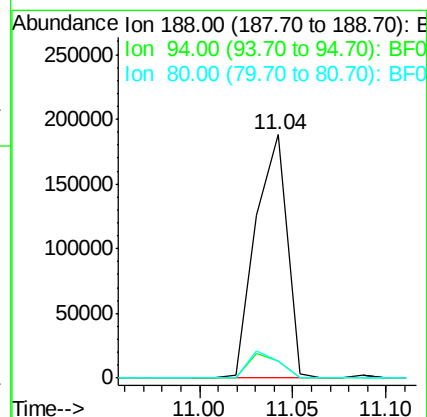
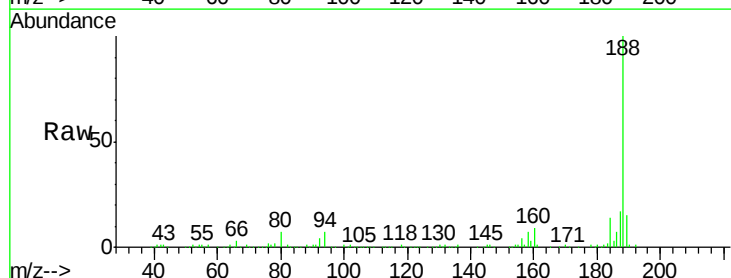
Instrument :
BNA_F
ClientSampleId :
SOIL-6

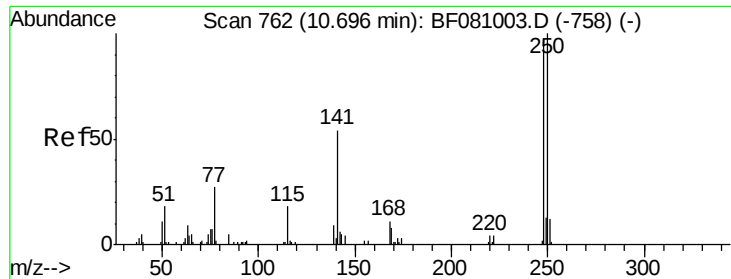
Tgt Ion:138 Resp: 77253
Ion Ratio Lower Upper
138 100
92 49.4 34.7 74.7
108 68.5 68.9 108.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion:188 Resp: 220011
Ion Ratio Lower Upper
188 100
94 6.8 8.2 12.2#
80 6.9 9.5 14.3#

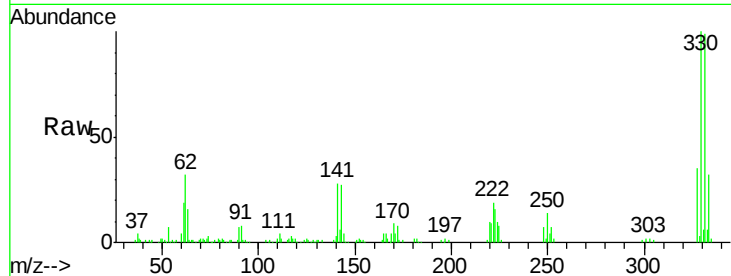




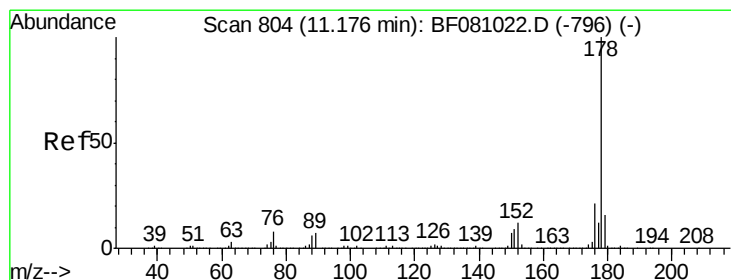
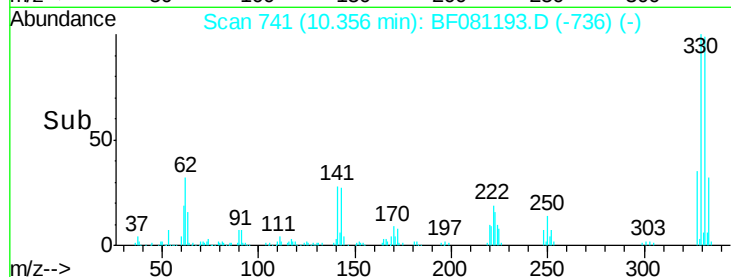
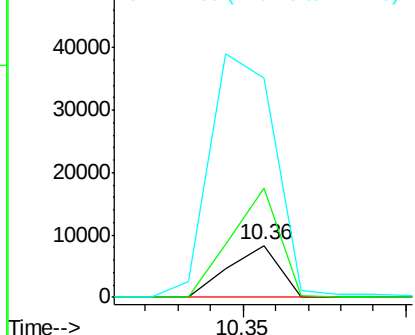
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.24 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Instrument :
 BNA_F
 ClientSampled :
 SOIL-6

Tgt Ion: 248 Resp: 8911
 Ion Ratio Lower Upper
 248 100
 250 208.5 77.8 116.6#
 141 421.0 39.8 59.6#

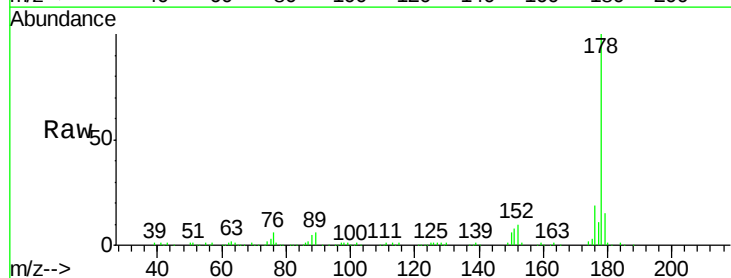


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

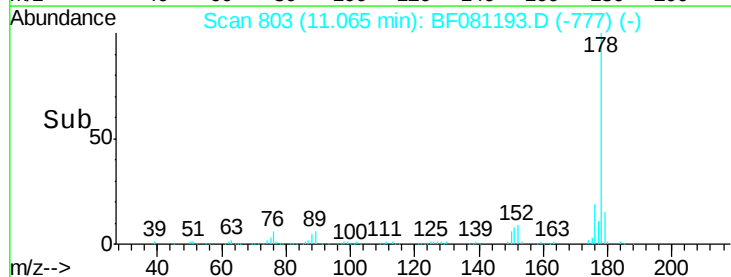
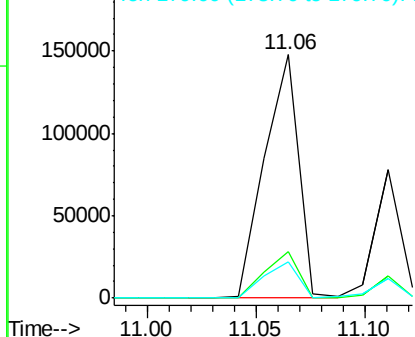


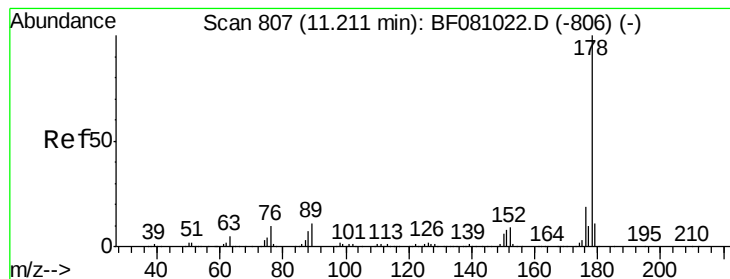
#70
 Phenanthrene
 Concen: 12.50 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Tgt Ion: 178 Resp: 162981
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 14.8 12.2 18.2



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





#71

Anthracene

Concen: 5.29 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Instrument :

BNA_F

ClientSampleId :

SOIL-6

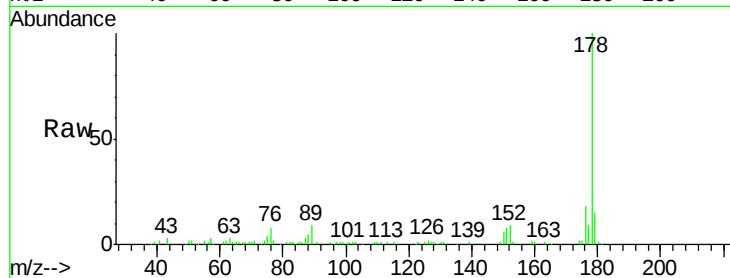
Tgt Ion:178 Resp: 67147

Ion Ratio Lower Upper

178 100

176 17.5 15.7 23.5

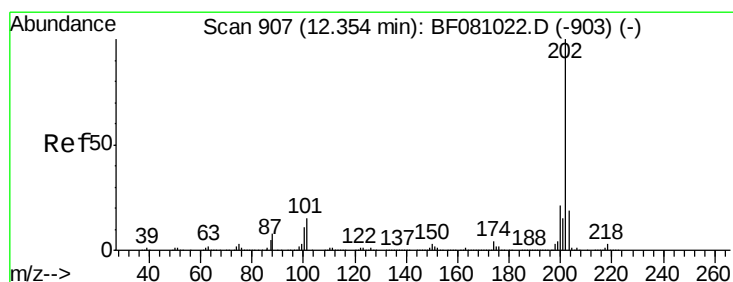
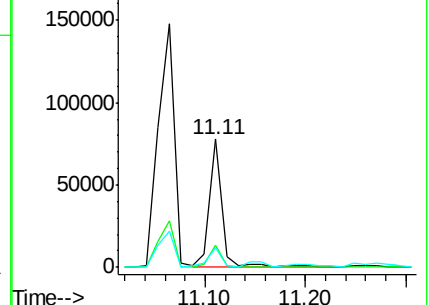
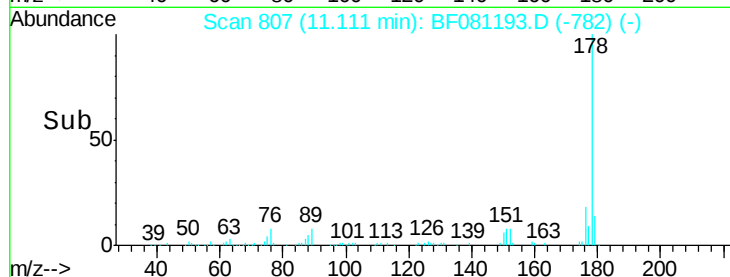
179 15.0 12.7 19.1



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



#74

Fluoranthene

Concen: 30.70 ng

RT: 12.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

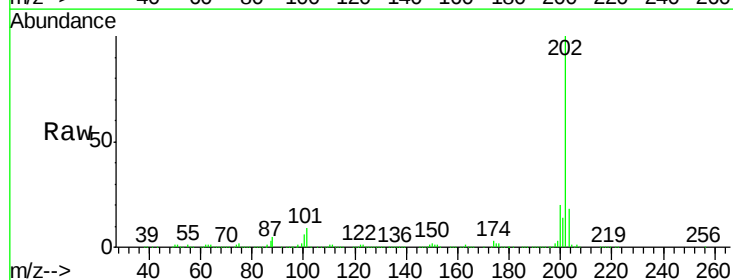
Tgt Ion:202 Resp: 431991

Ion Ratio Lower Upper

202 100

101 8.8 0.0 24.8

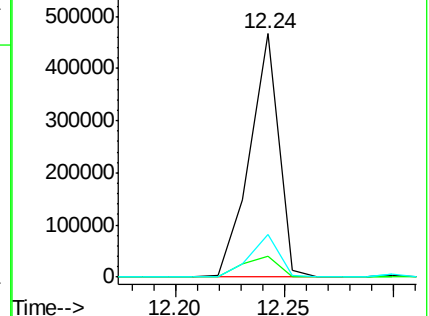
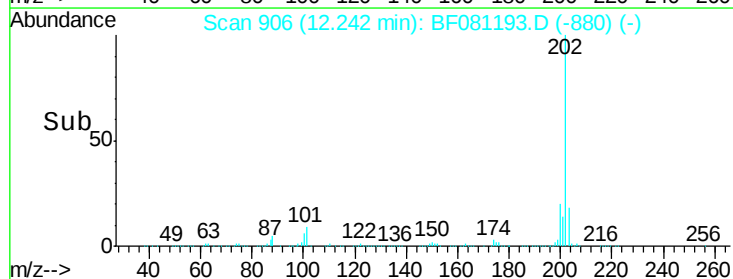
203 17.5 0.0 36.9

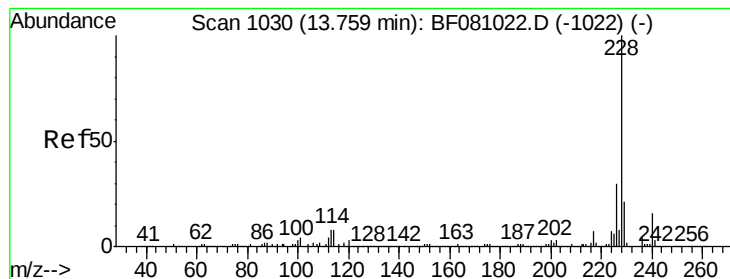


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Instrument :

BNA_F

ClientSampleId :

SOIL-6

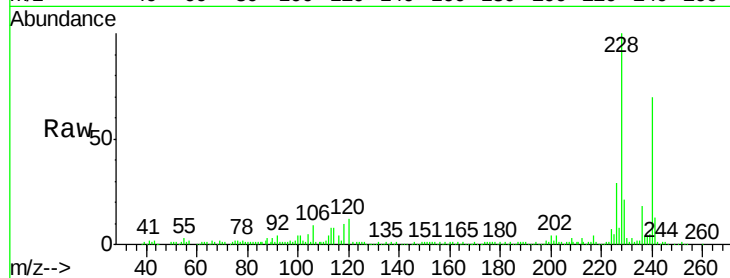
Tgt Ion:240 Resp: 147843

Ion Ratio Lower Upper

240 100

120 16.9 5.6 8.4#

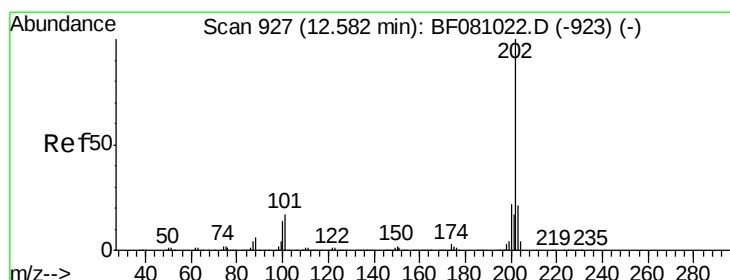
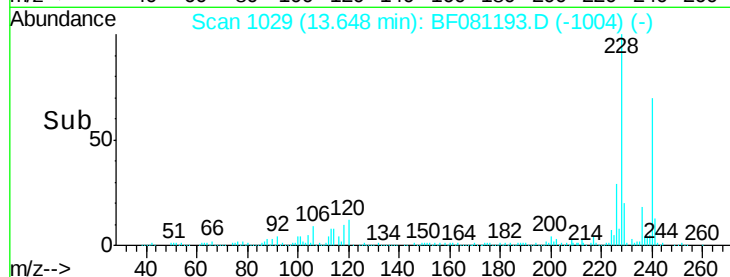
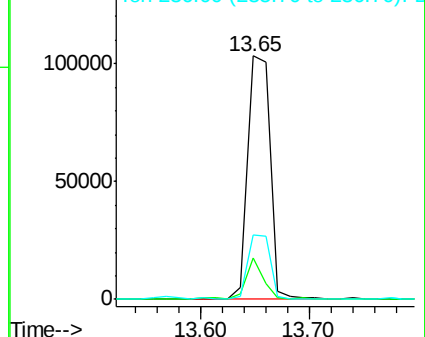
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 28.31 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

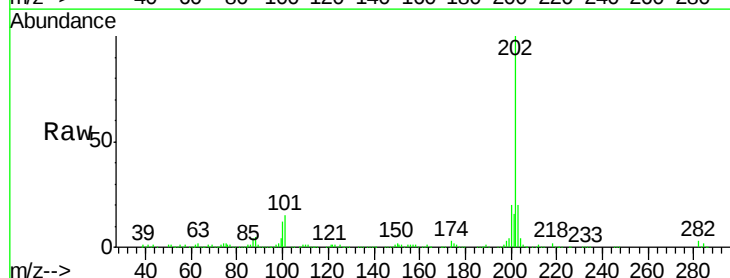
Tgt Ion:202 Resp: 340243

Ion Ratio Lower Upper

202 100

200 19.9 16.6 24.8

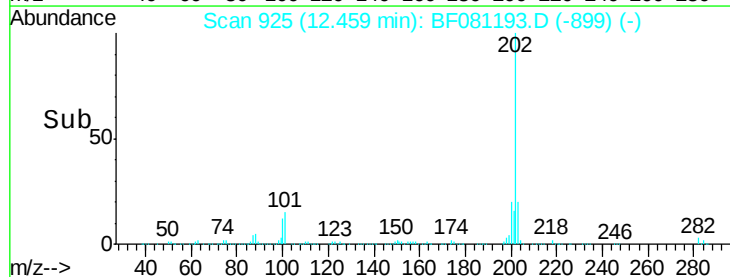
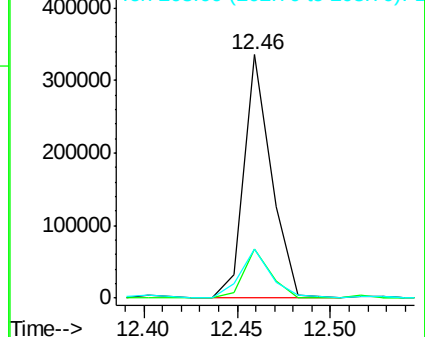
203 20.2 14.1 21.1

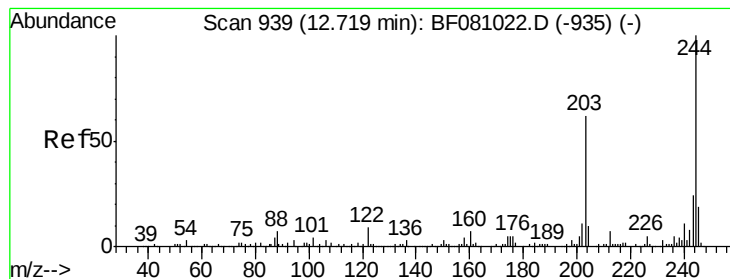


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.25 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Instrument :

BNA_F

ClientSampleId :

SOIL-6

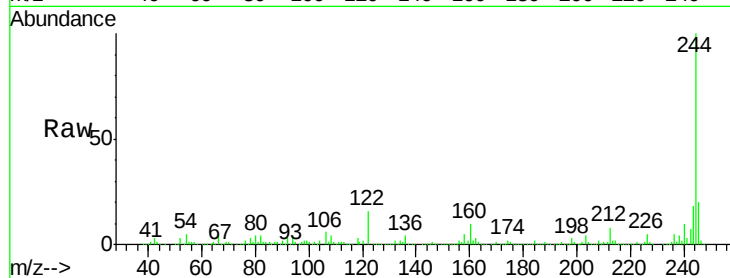
Tgt Ion:244 Resp: 470647

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

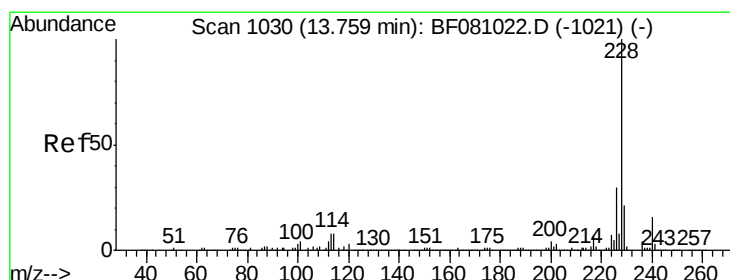
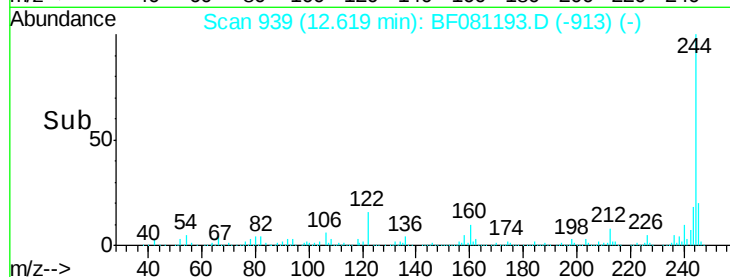
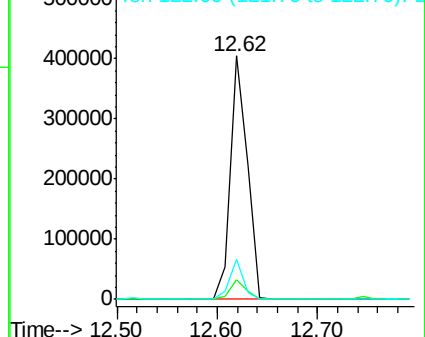
122 16.2 8.2 12.4#



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

Benzo(a)anthracene

Concen: 20.91 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

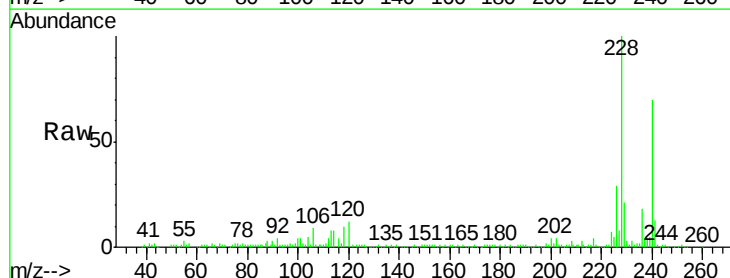
Tgt Ion:228 Resp: 207275

Ion Ratio Lower Upper

228 100

226 29.2 22.3 33.5

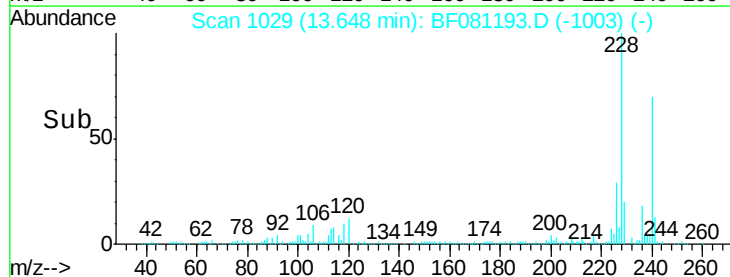
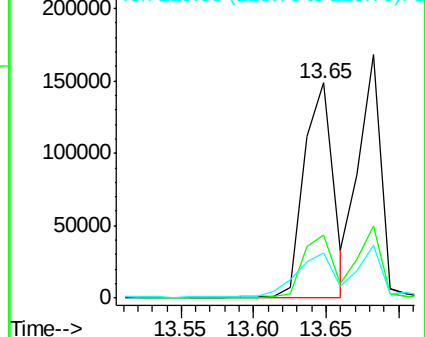
229 21.0 15.9 23.9

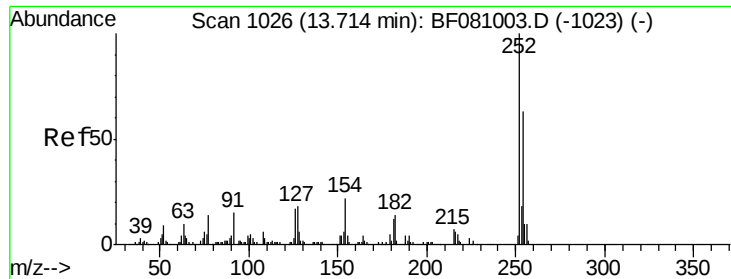


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

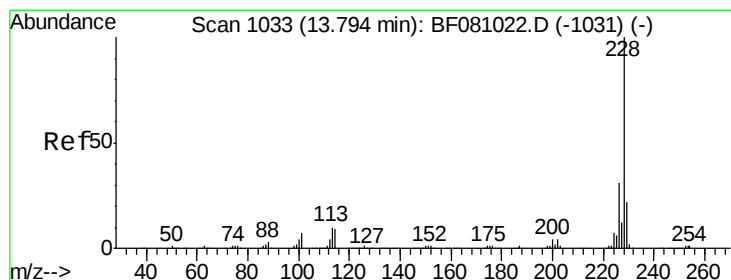
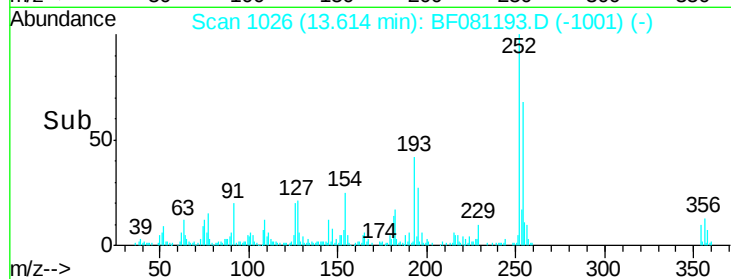
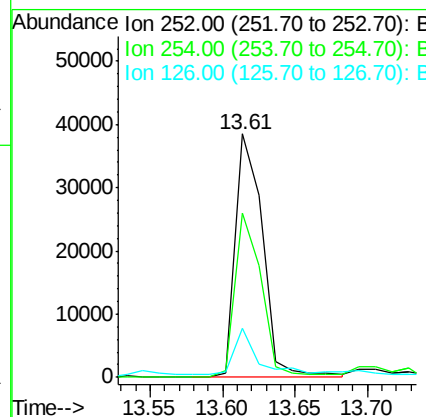
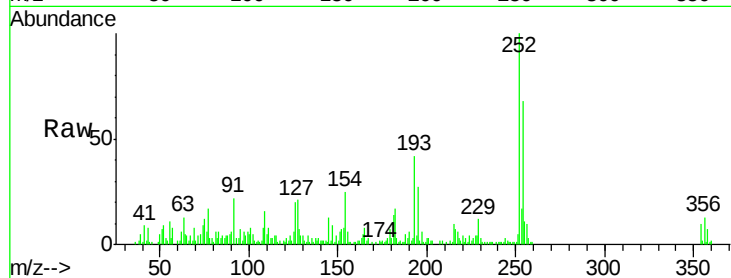




#81
 3,3'-Dichlorobenzidine
 Concen: 15.68 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

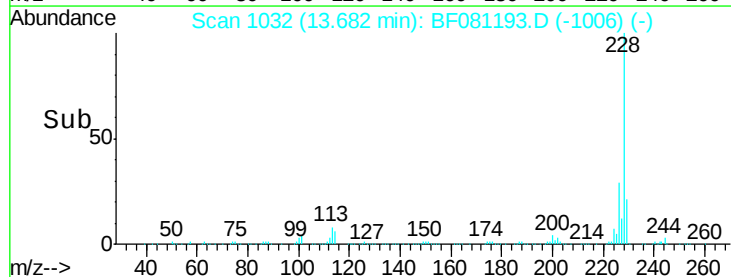
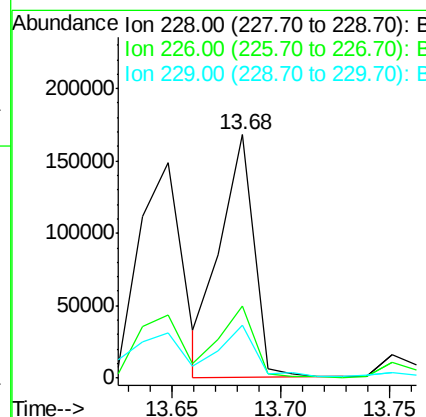
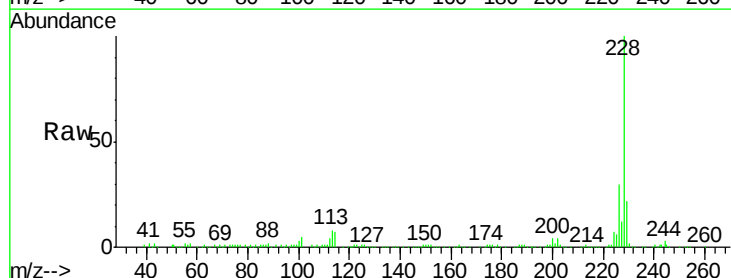
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

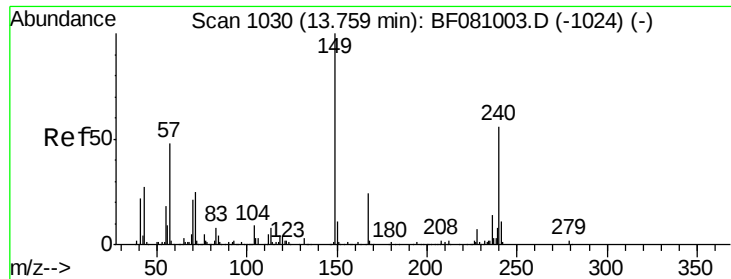
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.5	77.3
126	20.3	12.5	18.7#



#82
 Chrysene
 Concen: 20.06 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.7	16.0	24.0

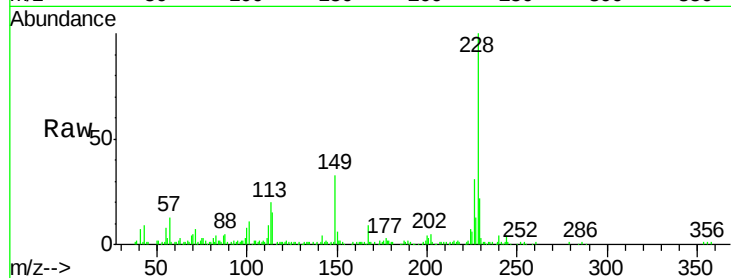




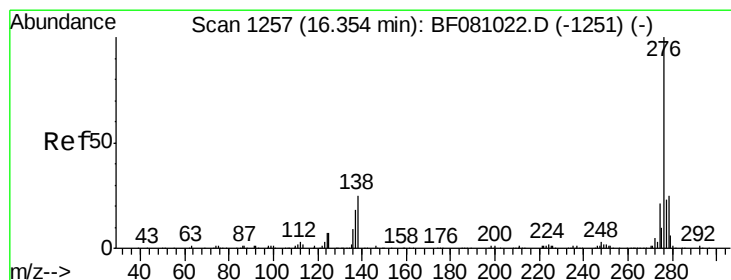
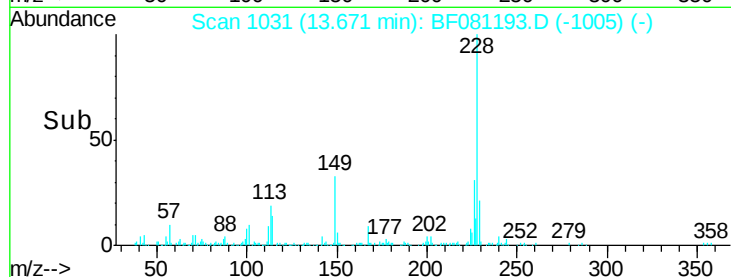
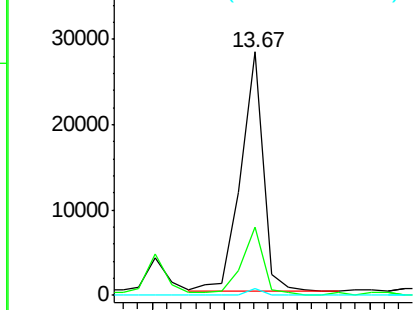
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.51 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

Tgt Ion:149 Resp: 29858
 Ion Ratio Lower Upper
 149 100
 167 28.2 20.7 31.1
 279 2.9 2.2 3.4

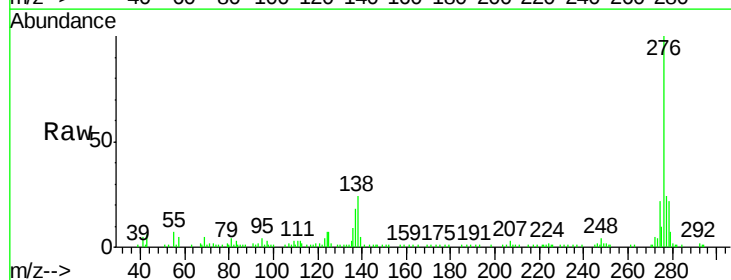


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

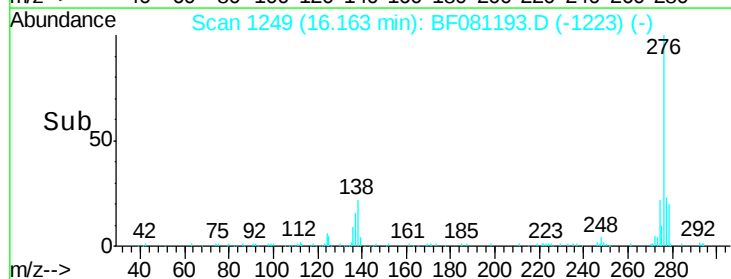
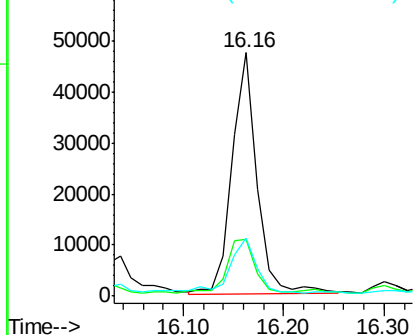


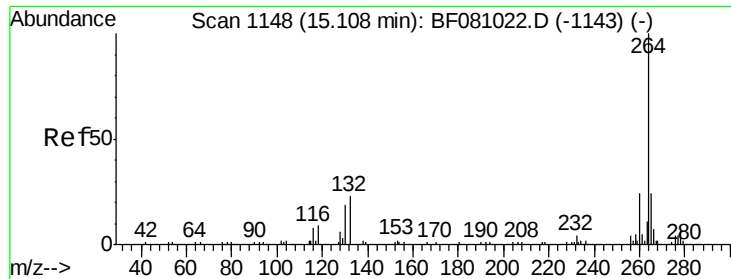
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.94 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081193.D
 Acq: 25 Aug 2015 4:14

Tgt Ion:276 Resp: 81154
 Ion Ratio Lower Upper
 276 100
 138 26.4 18.6 28.0
 277 25.8 19.8 29.8



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

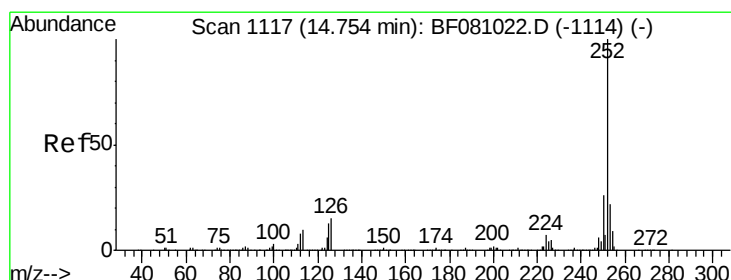
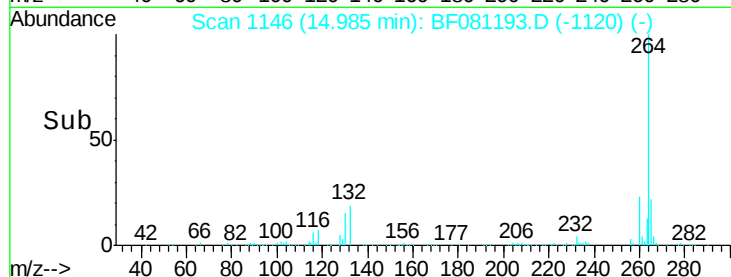
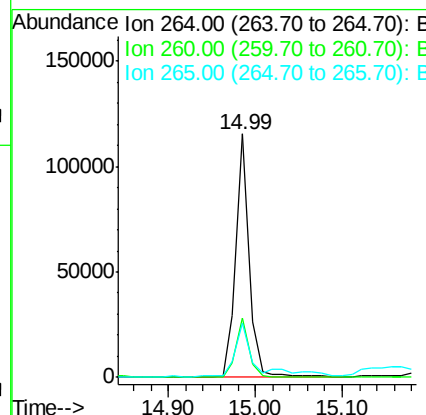
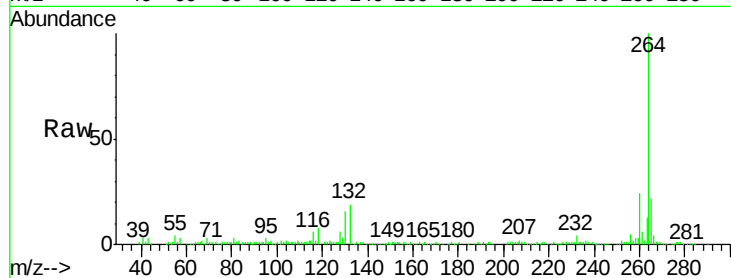




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

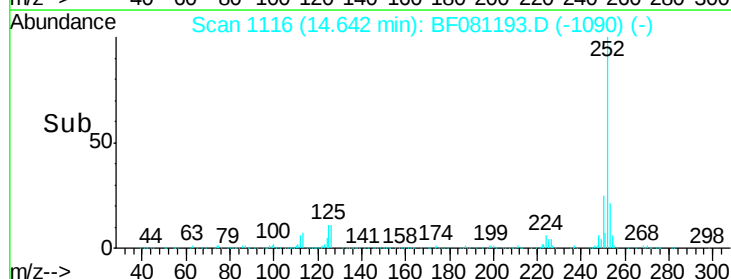
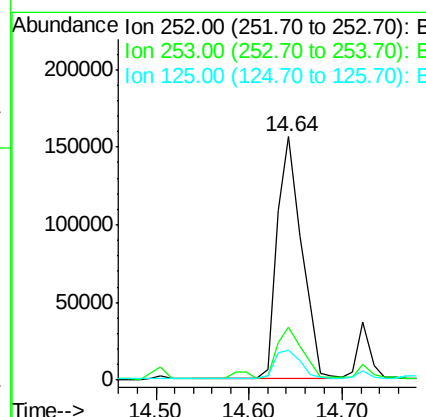
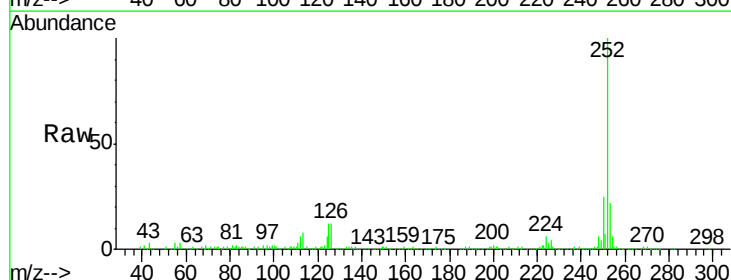
Instrument :
BNA_F
ClientSampled :
SOIL-6

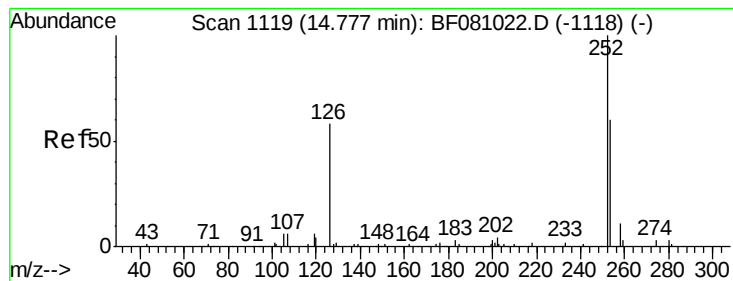
Tgt Ion:264 Resp: 124467
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 32.62 ng
RT: 14.64 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion:252 Resp: 287224
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.1 8.0 12.0#





#88

Benzo(k)fluoranthene

Concen: 35.01 ng

RT: 14.64 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

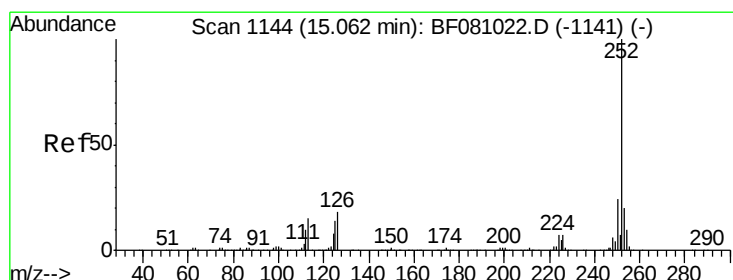
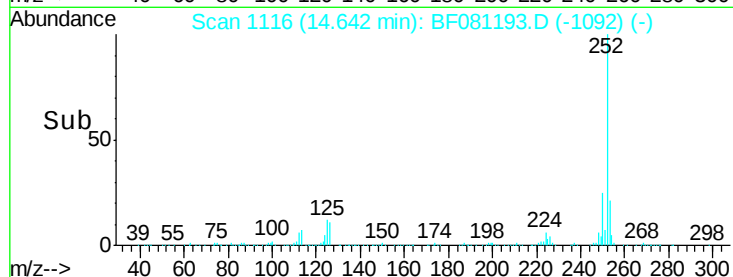
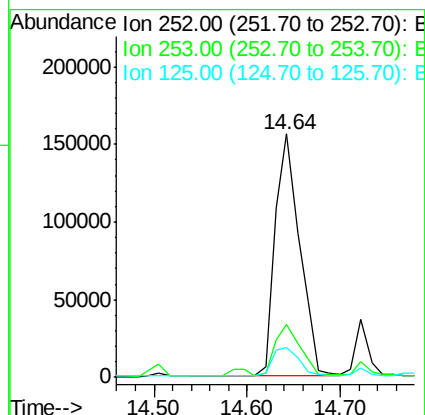
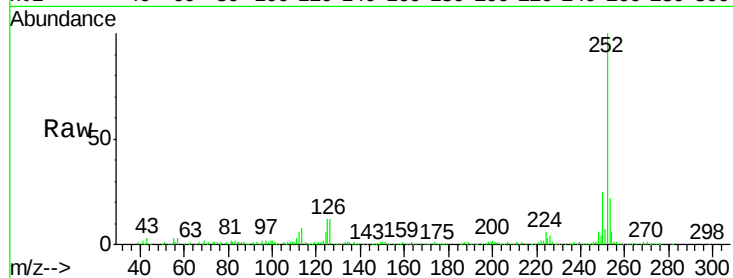
Instrument :

BNA_F

ClientSampleId :

SOIL-6

Tgt Ion:	252	Resp:	287224
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	12.1	10.3	15.5



#89

Benzo(a)pyrene

Concen: 19.07 ng

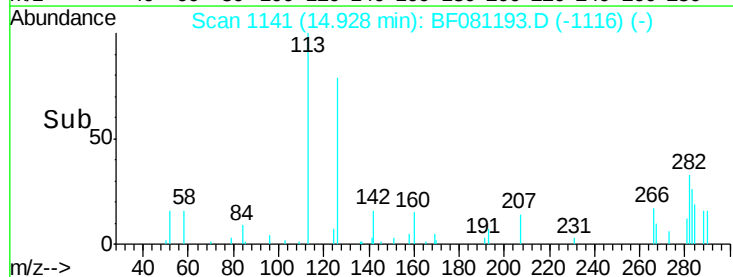
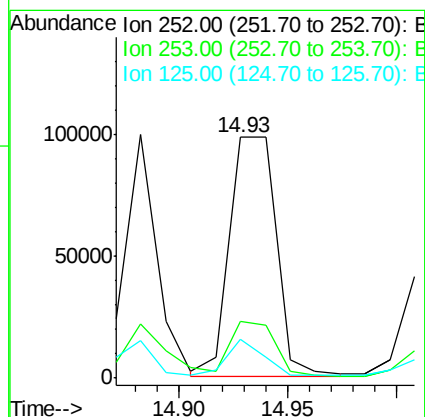
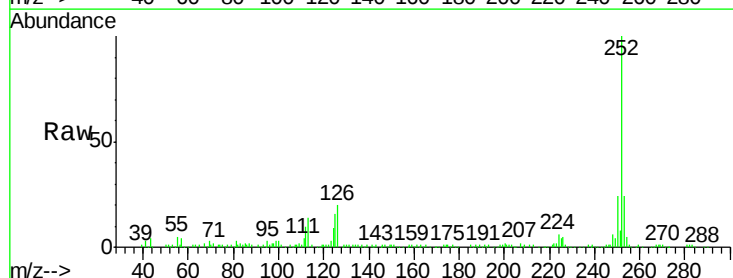
RT: 14.93 min Scan# 1141

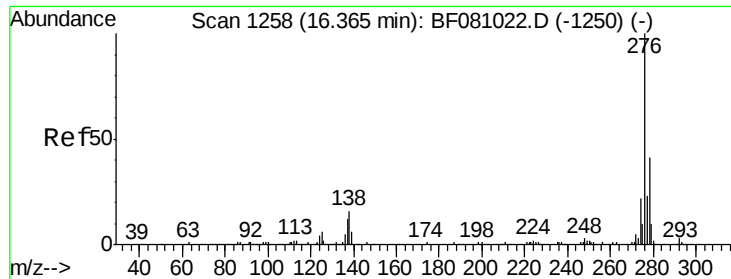
Delta R.T. -0.01 min

Lab File: BF081193.D

Acq: 25 Aug 2015 4:14

Tgt Ion:	252	Resp:	146265
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.6	25.0
125	16.2	7.8	11.8

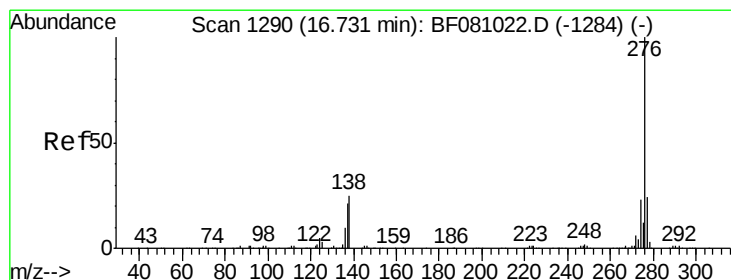
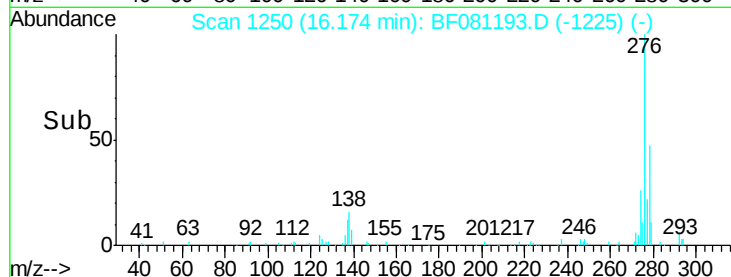
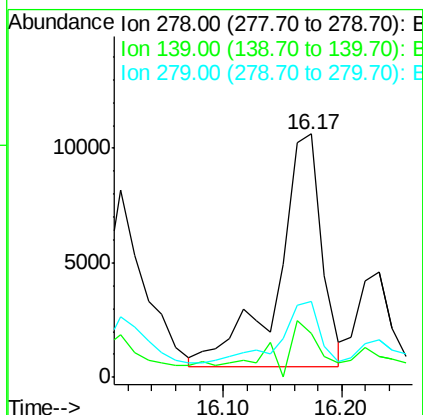
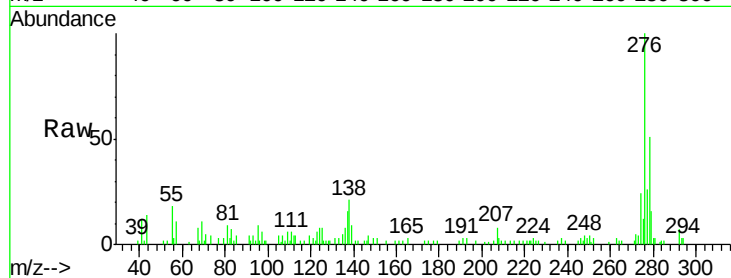




#90
Dibenzo(a,h)anthracene
Concen: 4.38 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Instrument :
BNA_F
ClientSampled :
SOIL-6

Tgt Ion: 278 Resp: 26209
Ion Ratio Lower Upper
278 100
139 17.8 10.8 16.2#
279 31.2 19.0 28.6#



#91
Benzo(g,h,i)perylene
Concen: 11.91 ng
RT: 16.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF081193.D
Acq: 25 Aug 2015 4:14

Tgt Ion: 276 Resp: 72240
Ion Ratio Lower Upper
276 100
277 24.3 18.2 27.2
138 30.6 13.7 20.5#

