

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080662.D
 Acq On : 25 Jul 2015 10:49
 Operator : TP/UM
 Sample : G3070-01RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Jul 27 01:17:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

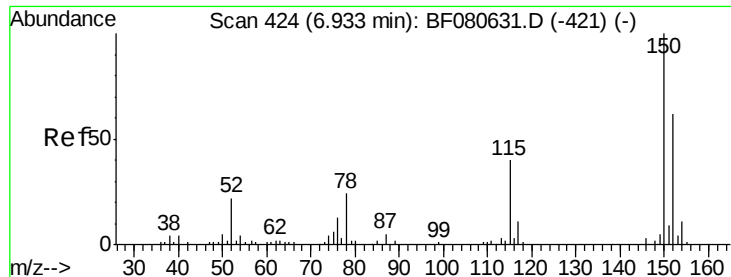
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49724	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	173145	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	92193	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	158515	20.00	ng	0.00
75) Chrysene-d12	14.27	240	136359	20.00	ng	0.11
86) Perylene-d12	15.95	264	188493	20.00	ng	0.22

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	401667	136.02	ng	0.01
7) Phenol-d6	6.54	99	539979	153.09	ng	0.00
23) Nitrobenzene-d5	7.49	82	336486	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	112649	136.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	541552	90.63	ng	-0.01
78) Terphenyl-d14	13.08	244	501388	79.17	ng	0.02

Target Compounds						Qvalue
15) Benzyl Alcohol	7.08	79	6685	2.28	ng	# 61
19) n-Nitroso-di-n-propylamine	7.49	70	45482	17.87	ng	# 67
25) Isophorone	7.49	82	335970	55.57	ng	# 73
30) 1,2,4-Trichlorobenzene	8.16	180	10742	3.78	ng	96
31) Naphthalene	8.24	128	21492	2.48	ng	98
48) Acenaphthylene	9.84	152	19382	2.13	ng	98
49) Dimethylphthalate	9.69	163	133625	20.26	ng	# 98
51) Acenaphthene	10.01	154	28354	5.12	ng	98
54) Dibenzofuran	10.18	168	27494	3.48	ng	# 95
55) 4-Nitrophenol	10.18	139	10565	9.55	ng	# 8
57) Fluorene	10.52	166	38515	6.19	ng	95
64) 4,6-Dinitro-2-methylphenol	10.76	198	211	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	7342	4.92	ng	# 1
70) Phenanthrene	11.48	178	622577	71.15	ng	99
71) Anthracene	11.53	178	112350	13.31	ng	97
72) Carbazole	11.69	167	35714	4.67	ng	97
74) Fluoranthene	12.69	202	563920	66.68	ng	93
77) Pyrene	12.93	202	559737	65.54	ng	99
80) Benzo(a)anthracene	14.25	228	243919	30.49	ng	96
81) 3,3'-Dichlorobenzidine	14.21	252	31867	12.25	ng	97
82) Chrysene	14.29	228	222814	29.73	ng	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	38833	5.04	ng	94
87) Benzo(b)fluoranthene	15.51	252	387469	33.91	ng	# 98
88) Benzo(k)fluoranthene	15.51	252	387469	37.87	ng	# 97
89) Benzo(a)pyrene	15.83	252	172032	16.74	ng	98
90) Dibenzo(a,h)anthracene	17.64	278	35424	3.27	ng	98
91) Benzo(g,h,i)perylene	17.91	276	190068	17.29	ng	99

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

```
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Data File : BF080662.D  
Acq On    : 25 Jul 2015   10:49  
Operator  : TP/UM  
Sample    : G3070-01RE  
Misc      :  
ALS Vial  : 33      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SOIL-2

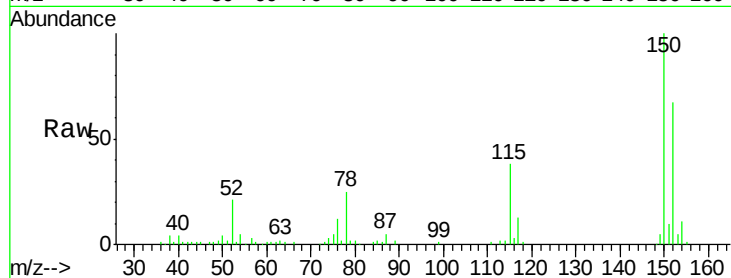
Tgt Ion:152 Resp: 49724

Ion Ratio Lower Upper

152 100

150 150.4 128.9 193.3

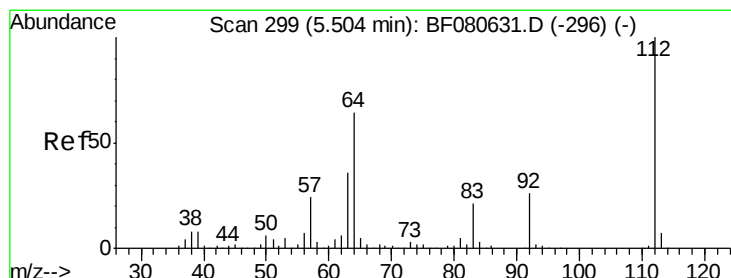
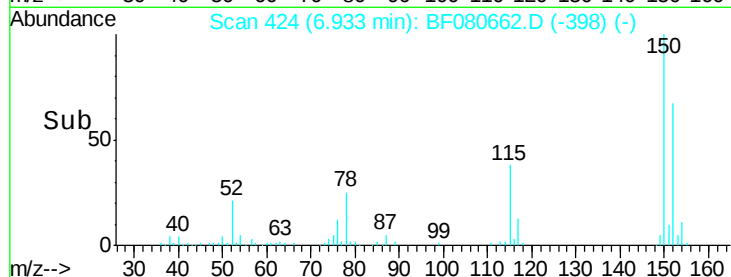
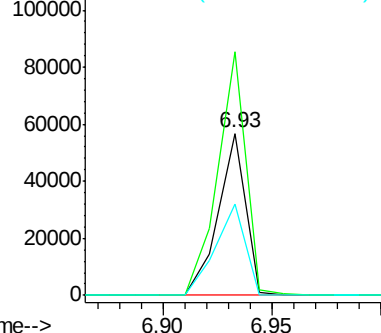
115 56.7 51.0 76.6



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: 136.02 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

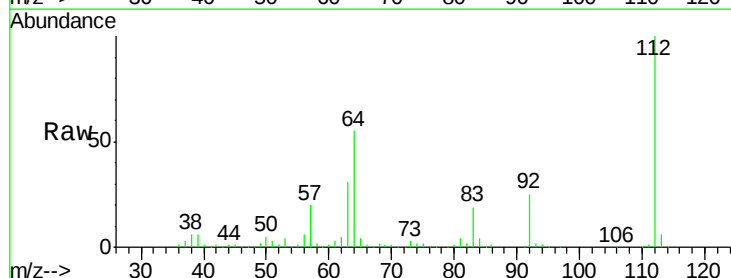
Tgt Ion:112 Resp: 401667

Ion Ratio Lower Upper

112 100

64 54.7 51.2 76.8

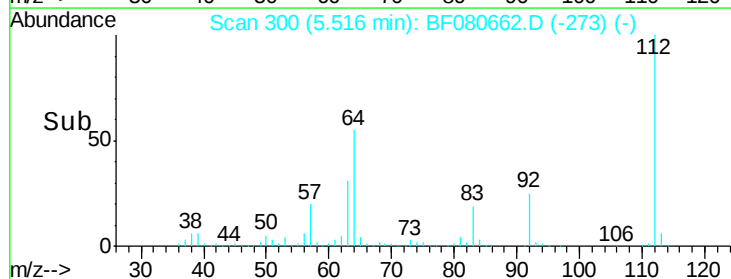
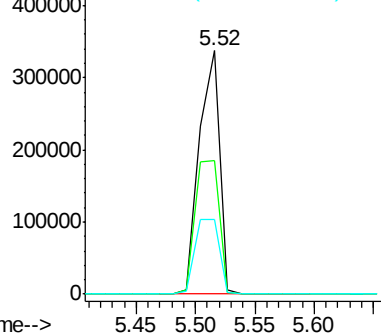
63 30.5 29.0 43.6

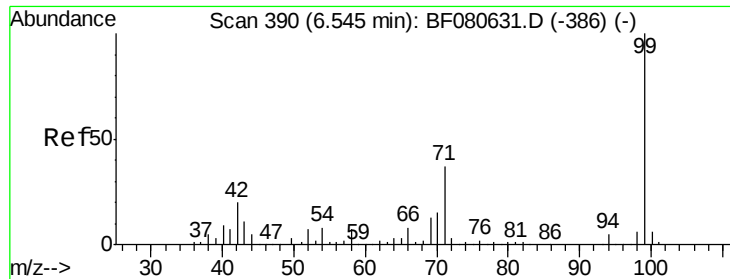


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.09 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SOIL-2

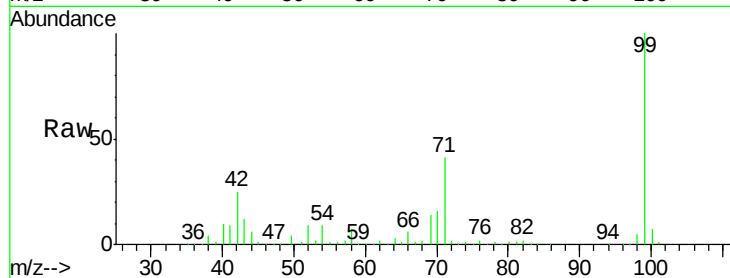
Tgt Ion: 99 Resp: 539979

Ion Ratio Lower Upper

99 100

42 25.0 16.3 24.5#

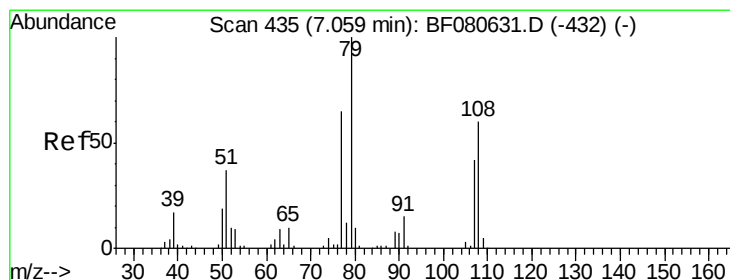
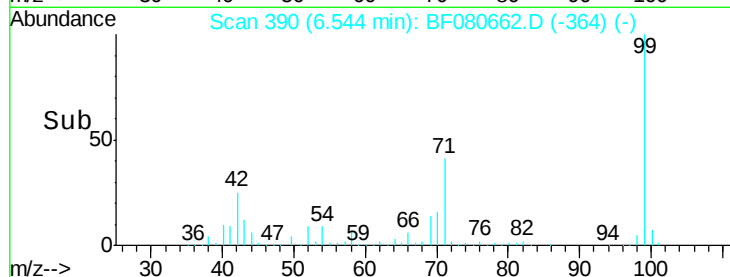
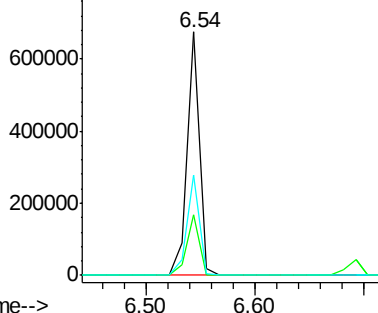
71 41.3 29.7 44.5



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



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

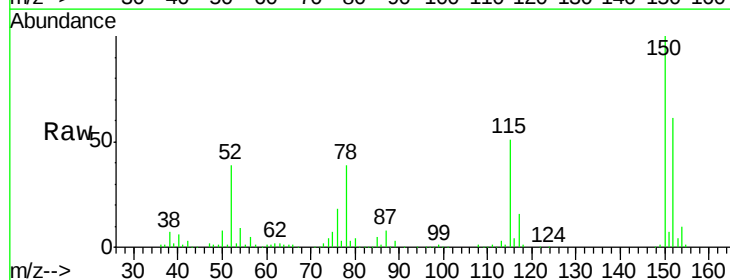
Tgt Ion: 79 Resp: 6685

Ion Ratio Lower Upper

79 100

108 22.9 47.8 71.8#

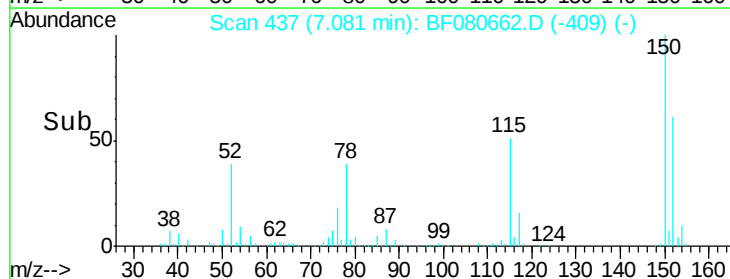
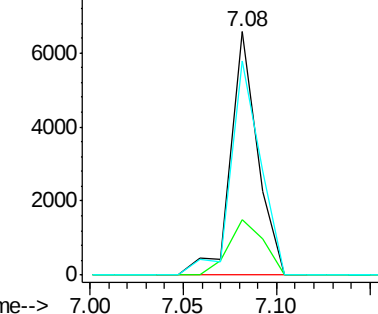
77 88.1 51.6 77.4#

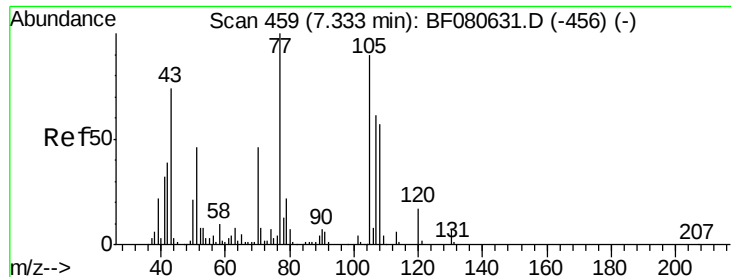


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

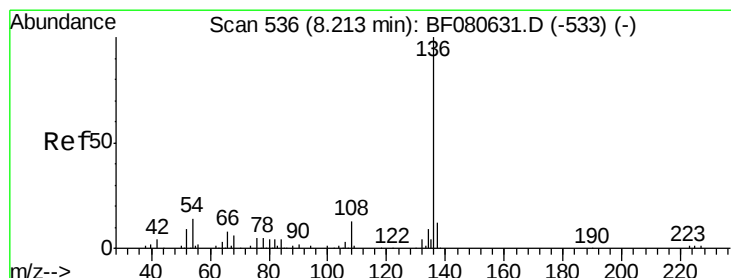
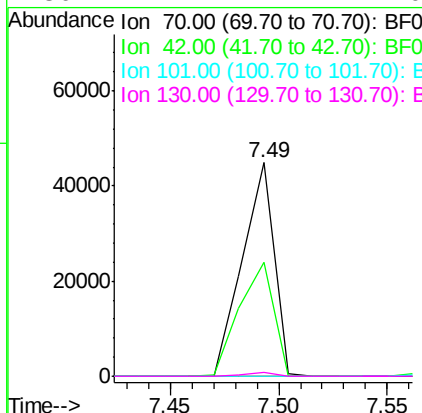
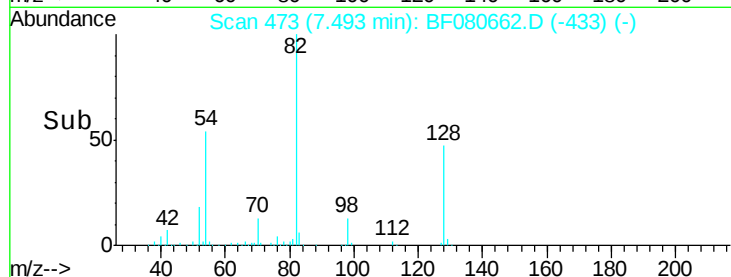
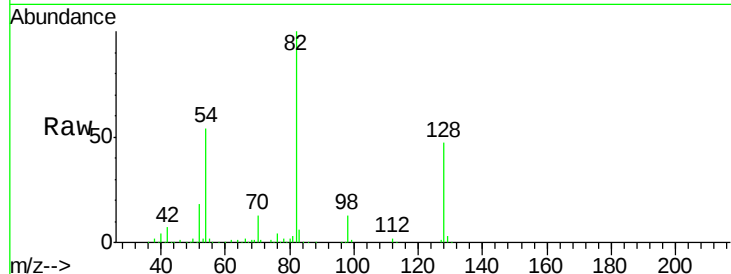




#19
n-Nitroso-di-n-propylamine
Concen: 17.87 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

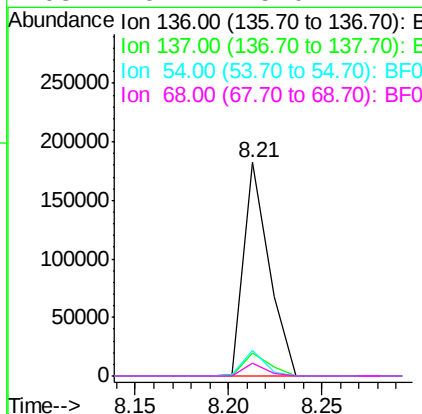
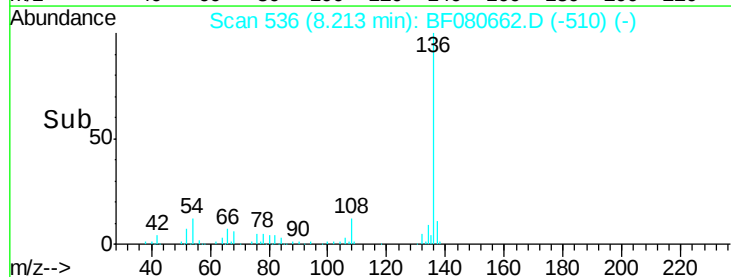
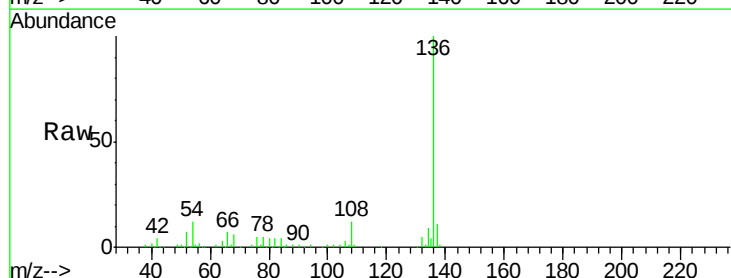
Instrument :
BNA_F
ClientSampleId :
SOIL-2

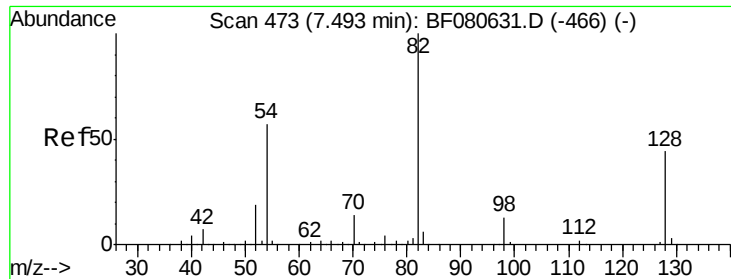
Tgt Ion: 70 Resp: 45482
Ion Ratio Lower Upper
70 100
42 53.1 67.8 101.8#
101 0.0 6.6 9.8#
130 2.1 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion: 136 Resp: 173145
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 12.1 11.6 17.4
68 6.2 5.0 7.4

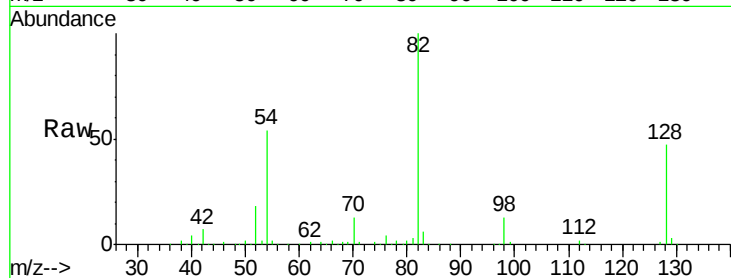




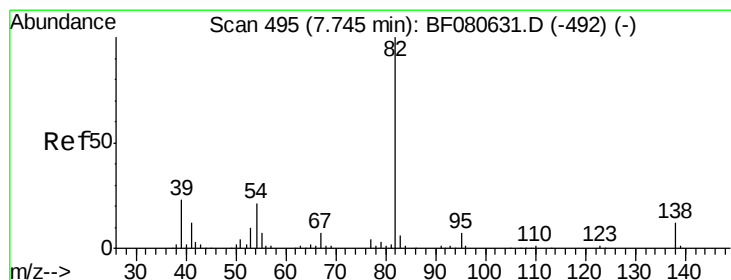
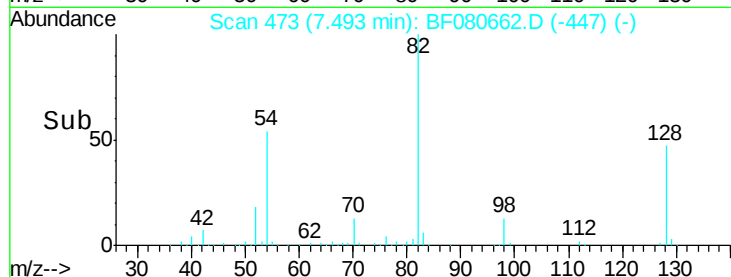
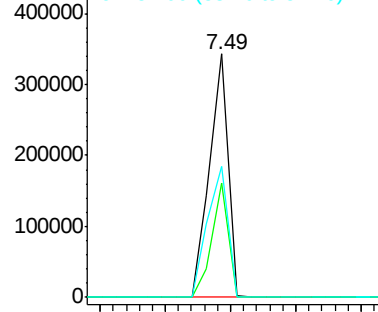
#23
 Nitrobenzene-d5
 Concen: 97.60 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Instrument :
 BNA_F
 ClientSampled :
 SOIL-2

Tgt Ion: 82 Resp: 336486
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.8 52.2
 54 53.5 45.4 68.0

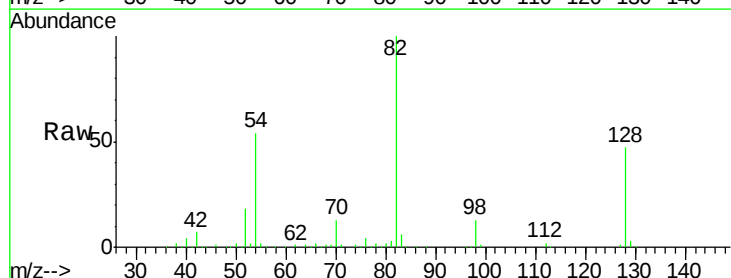


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

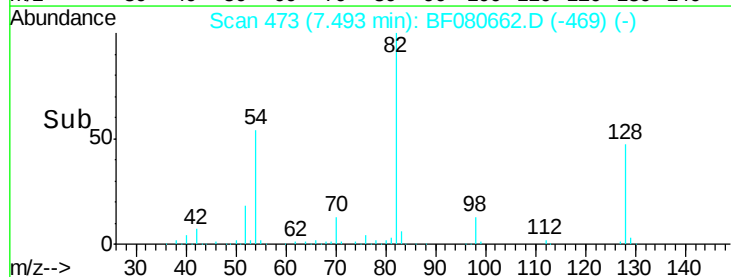
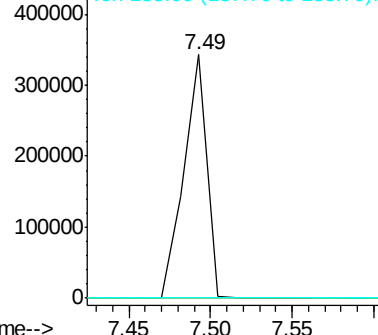


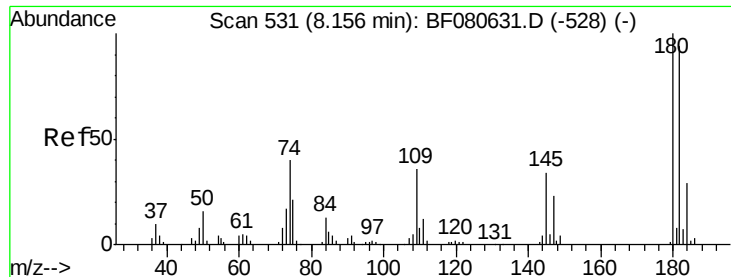
#25
 Isophorone
 Concen: 55.57 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion: 82 Resp: 335970
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 9.7 14.5#



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

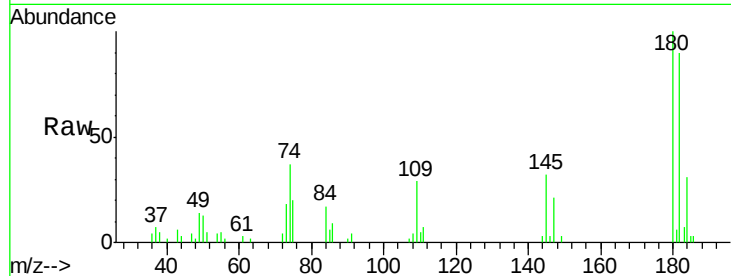




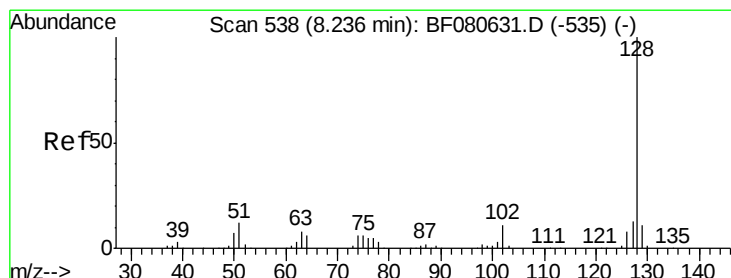
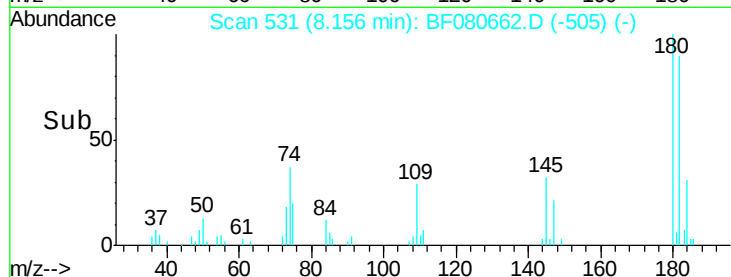
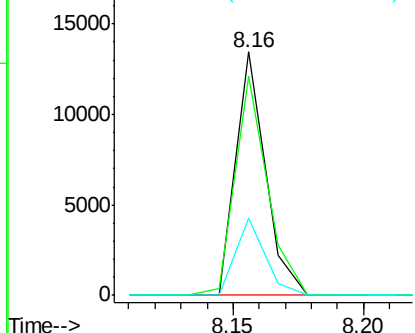
#30
1,2,4-Trichlorobenzene
Concen: 3.78 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tgt Ion:180 Resp: 10742
Ion Ratio Lower Upper
180 100
182 90.3 75.5 113.3
145 31.9 27.1 40.7

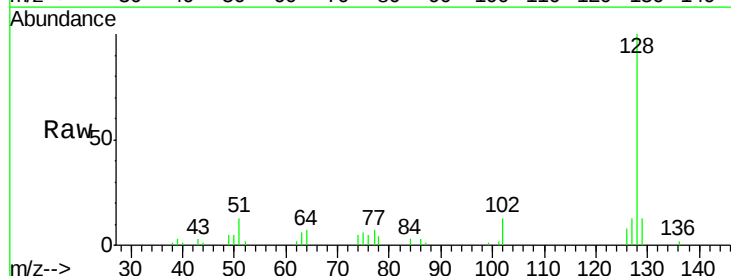


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

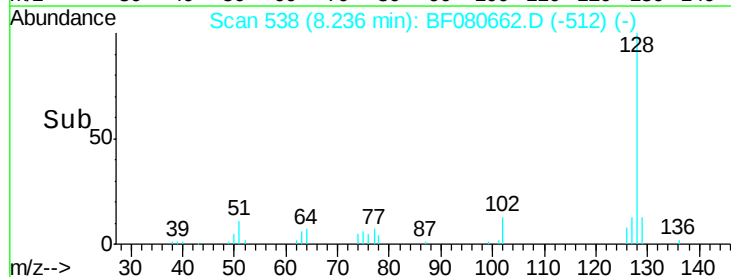
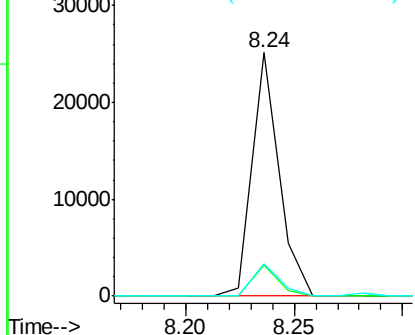


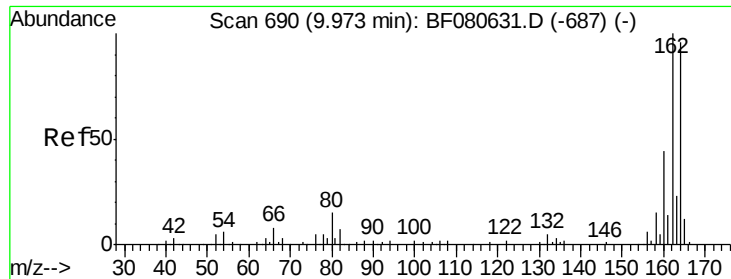
#31
Naphthalene
Concen: 2.48 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion:128 Resp: 21492
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 13.2 10.6 15.8



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

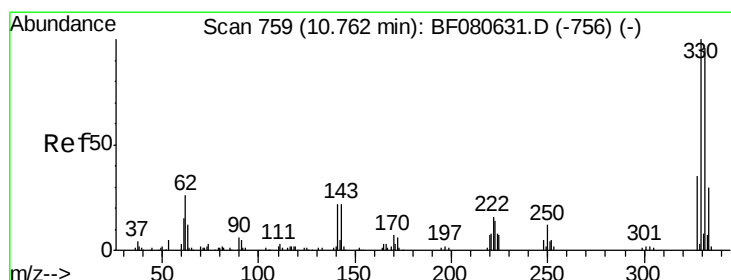
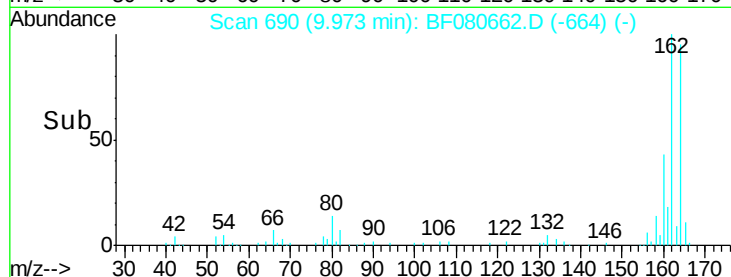
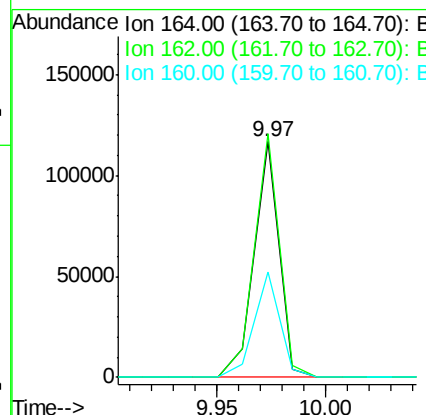
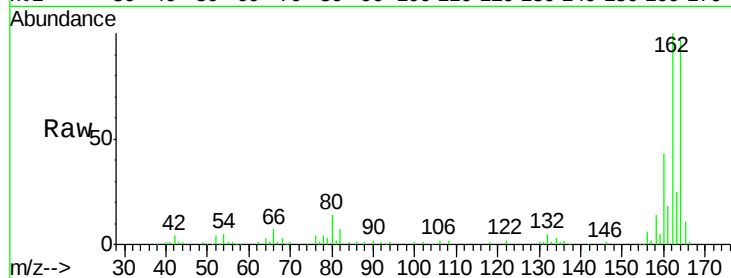




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

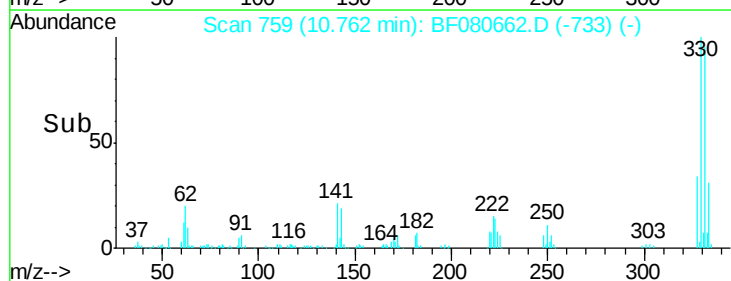
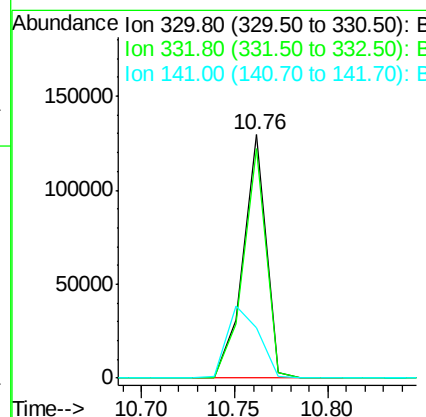
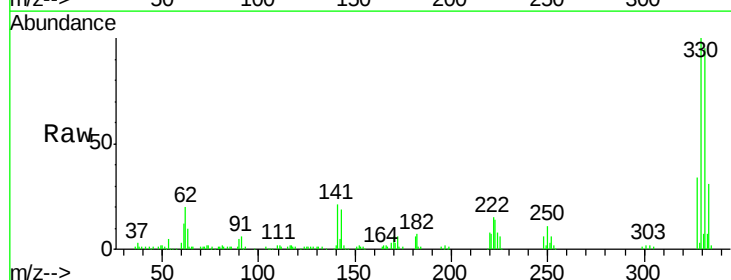
Instrument :
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 SOIL-2

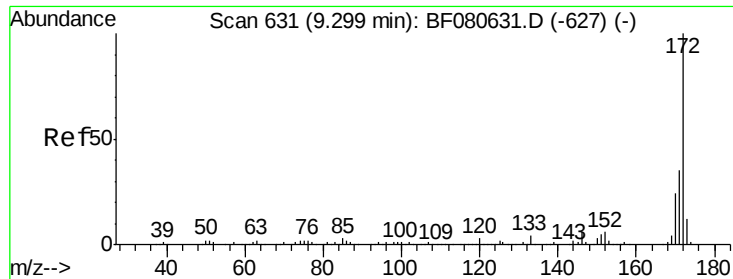
Tgt Ion:164 Resp: 92193
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.3 124.9
 160 44.7 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 136.00 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion:330 Resp: 112649
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.7 115.1
 141 41.2 32.7 49.1

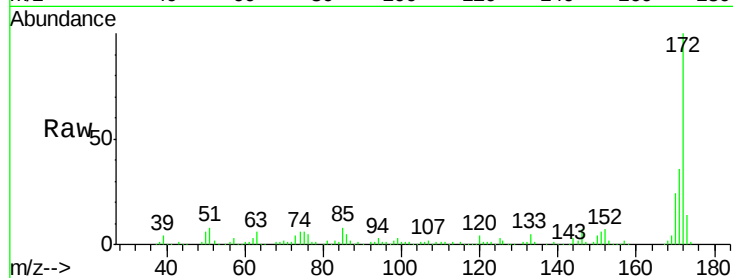




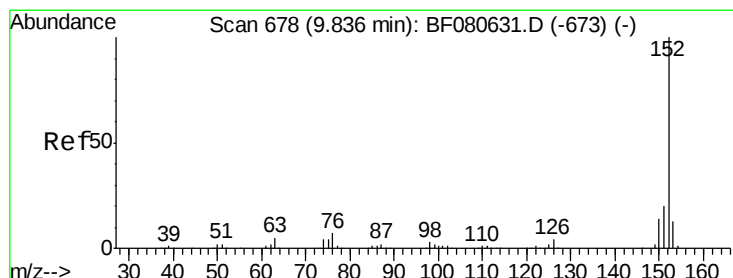
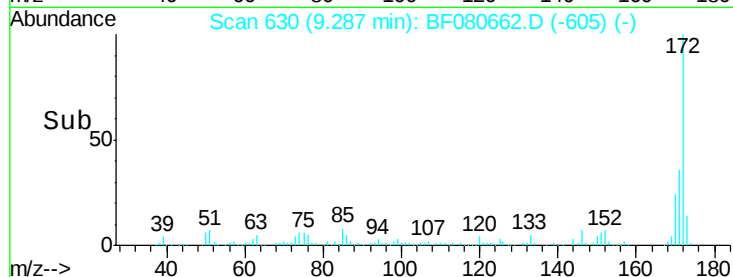
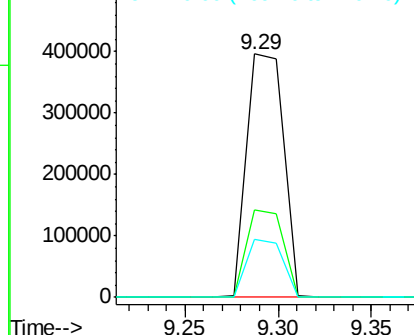
#44
2-Fluorobiphenyl
Concen: 90.63 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tgt Ion:172 Resp: 541552
Ion Ratio Lower Upper
172 100
171 35.9 27.7 41.5
170 24.0 19.0 28.4

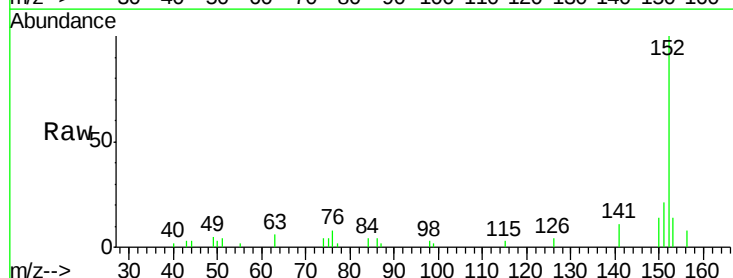


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

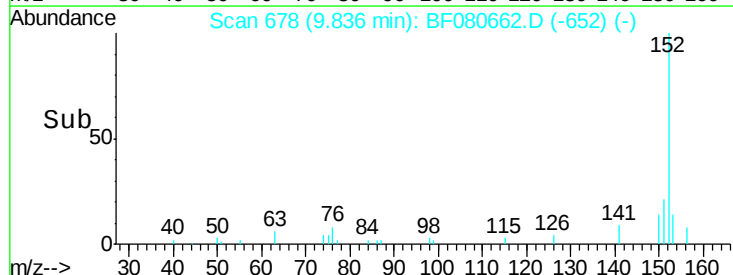
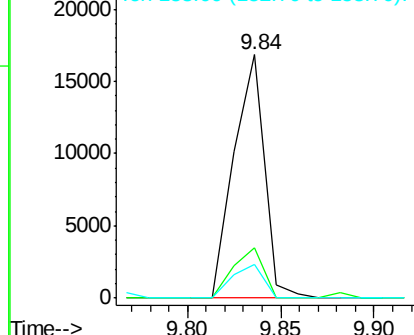


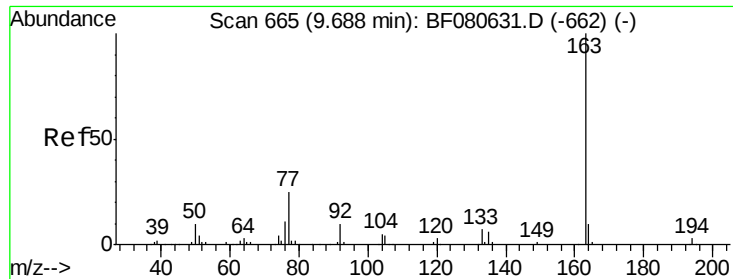
#48
Acenaphthylene
Concen: 2.13 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion:152 Resp: 19382
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 10.2 15.4



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

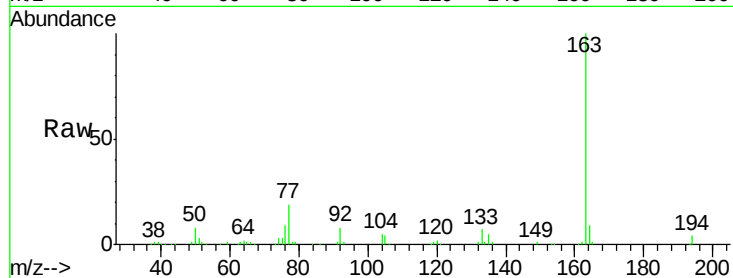




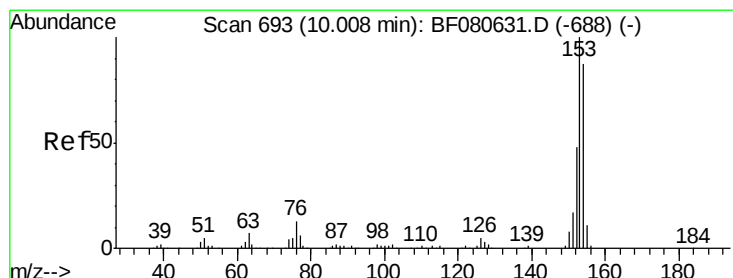
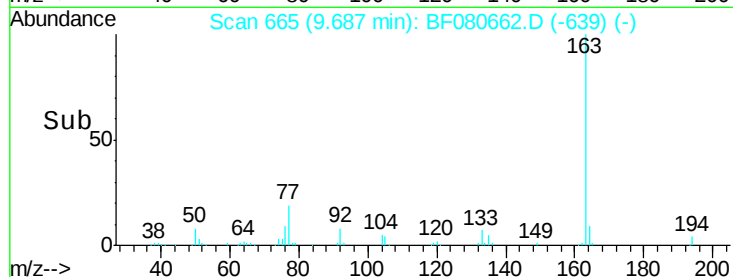
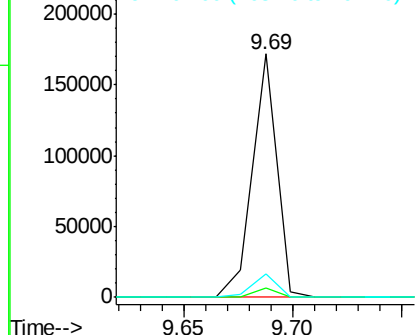
#49
Dimethylphthalate
Concen: 20.26 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tgt Ion:163 Resp: 133625
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 9.5 8.0 12.0

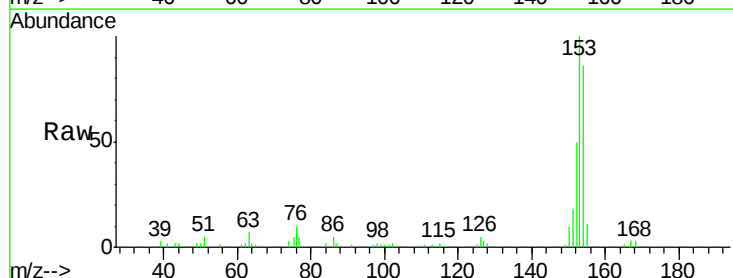


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

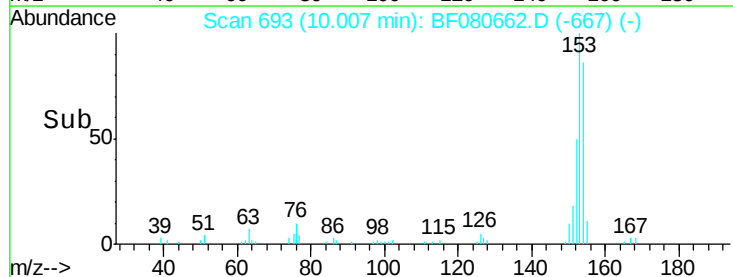
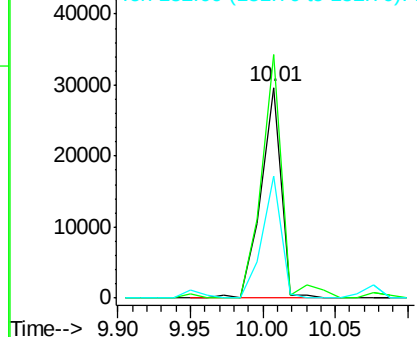


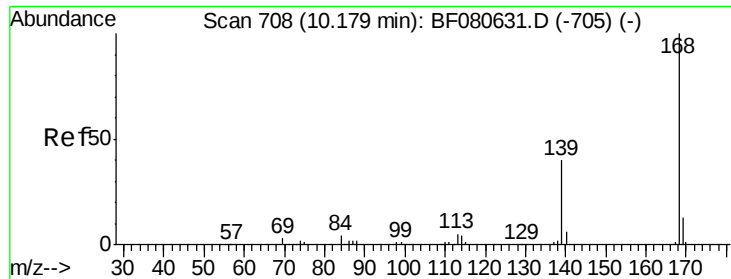
#51
Acenaphthene
Concen: 5.12 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion:154 Resp: 28354
Ion Ratio Lower Upper
154 100
153 115.8 91.6 137.4
152 58.1 44.0 66.0



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

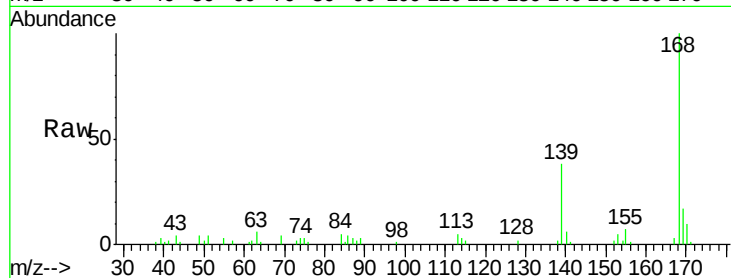




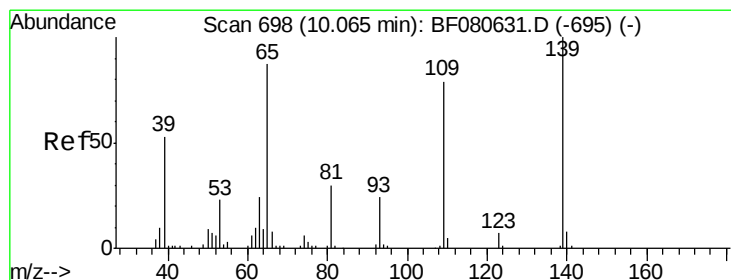
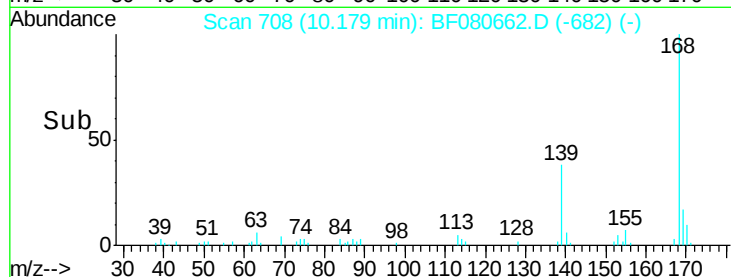
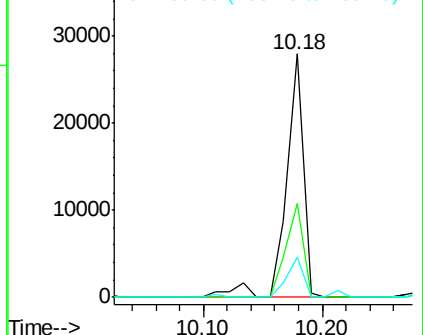
#54
Dibenzenofuran
Concen: 3.48 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Instrument :
BNA_F
ClientSampled :
SOIL-2

Tgt Ion:168 Resp: 27494
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.4
169 16.6 10.2 15.2#

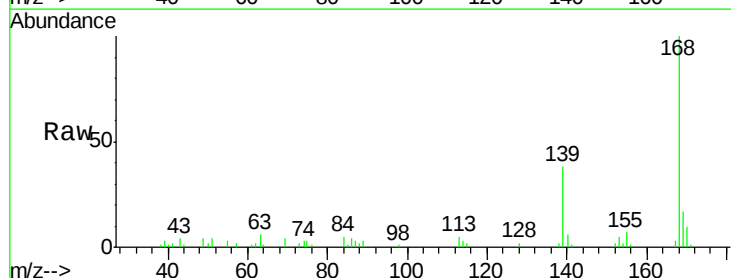


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

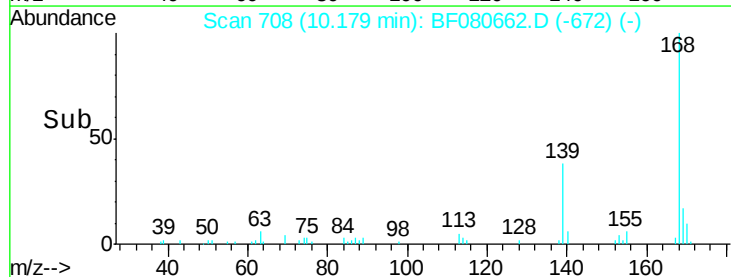
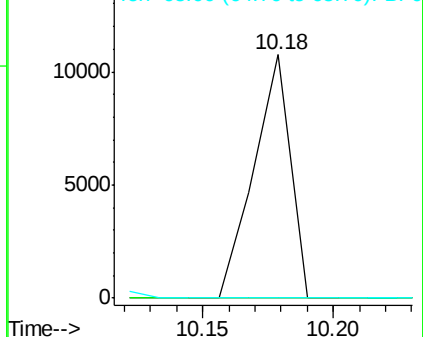


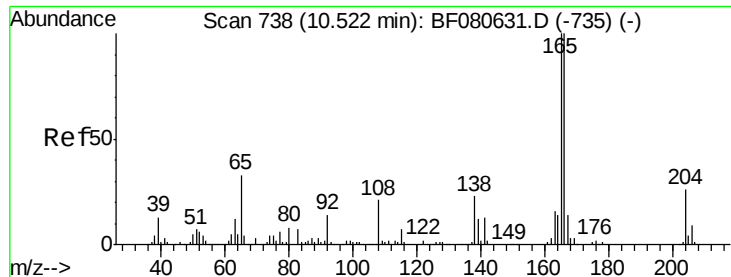
#55
4-Nitrophenol
Concen: 9.55 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.11 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion:139 Resp: 10565
Ion Ratio Lower Upper
139 100
109 0.0 59.4 99.4#
65 0.0 67.4 107.4#



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): BF0

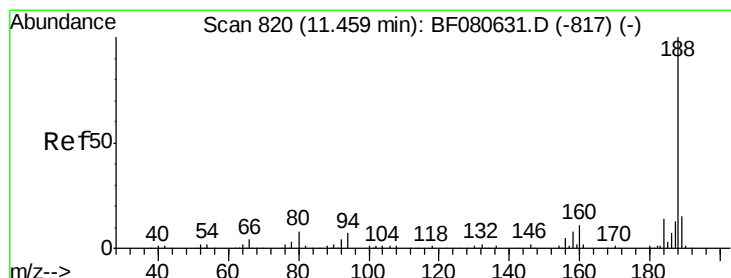
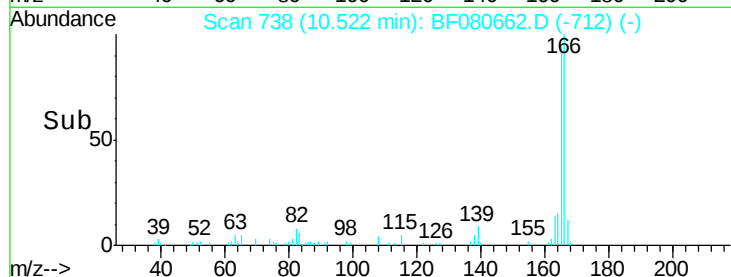
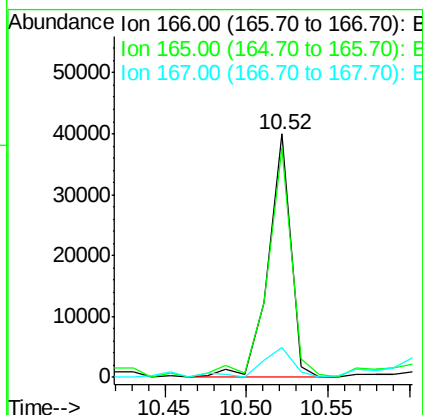
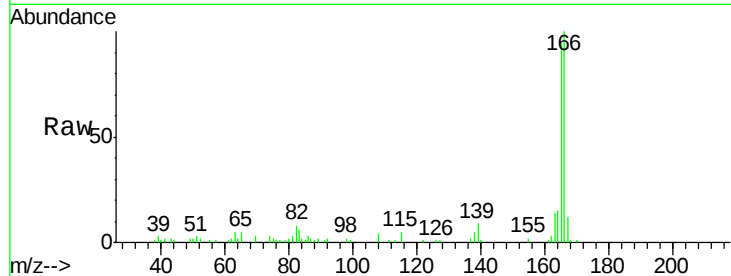




#57
Fluorene
 Concen: 6.19 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

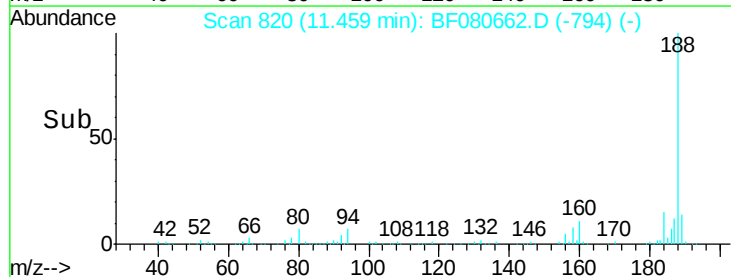
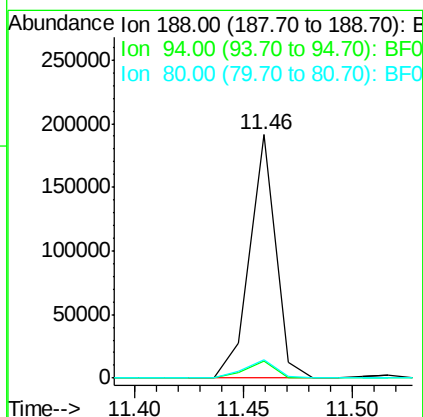
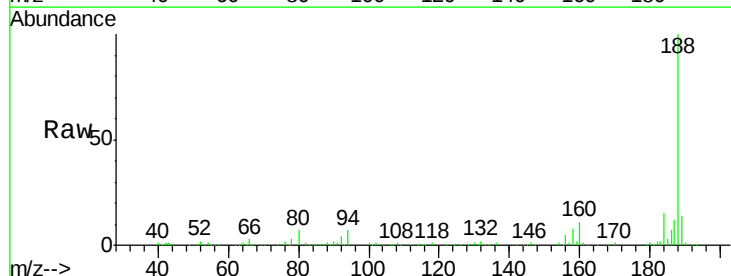
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

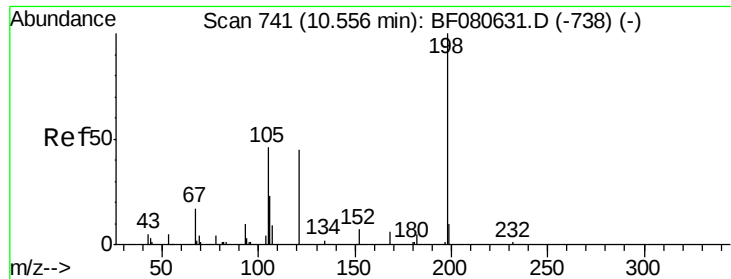
Tgt Ion:166 Resp: 38515
 Ion Ratio Lower Upper
 166 100
 165 94.3 80.0 120.0
 167 12.4 10.8 16.2



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion:188 Resp: 158515
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.6 8.4
 80 7.3 6.1 9.1

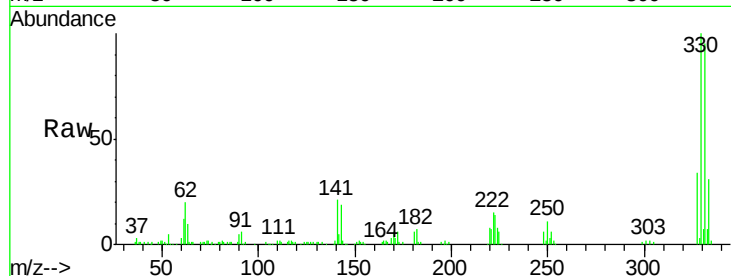




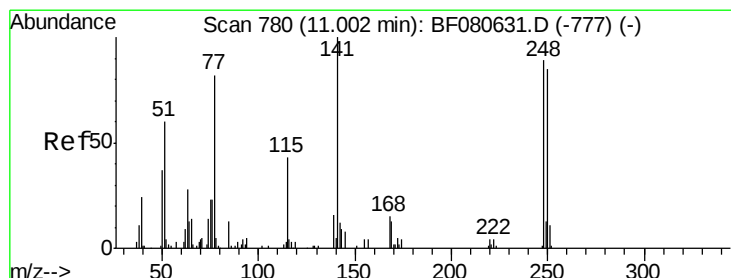
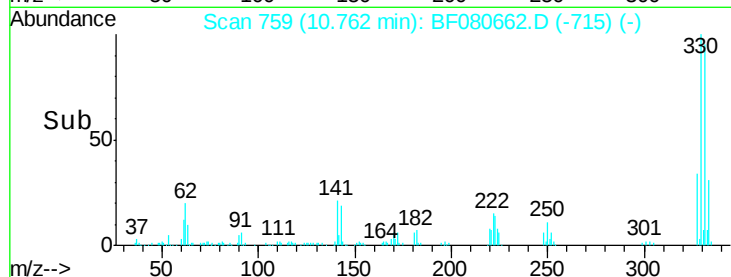
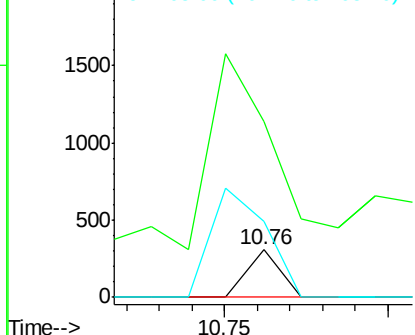
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.57 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.21 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tgt Ion:198 Resp: 211
 Ion Ratio Lower Upper
 198 100
 51 370.4 31.1 71.1#
 105 159.9 28.6 68.6#

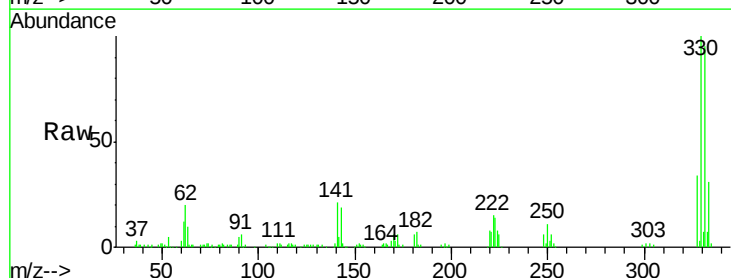


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

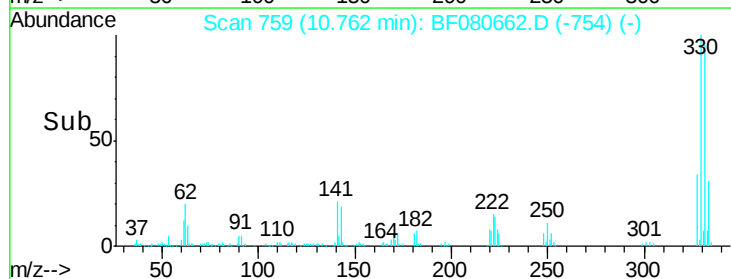
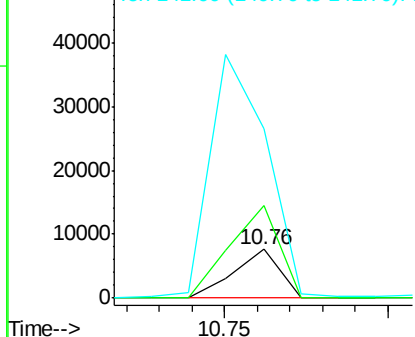


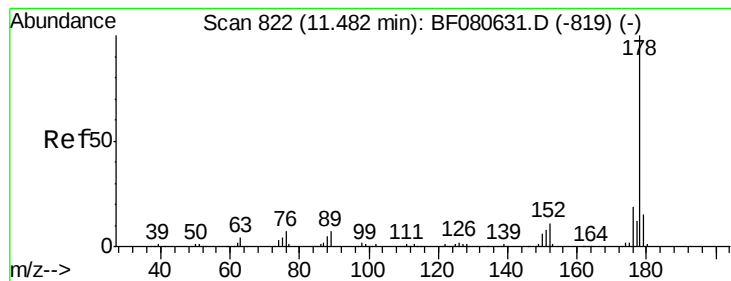
#66
 4-Bromophenyl-phenylether
 Concen: 4.92 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.24 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion:248 Resp: 7342
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.6 114.8#
 141 349.0 90.0 135.0#



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: 71.15 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampled :

SOIL-2

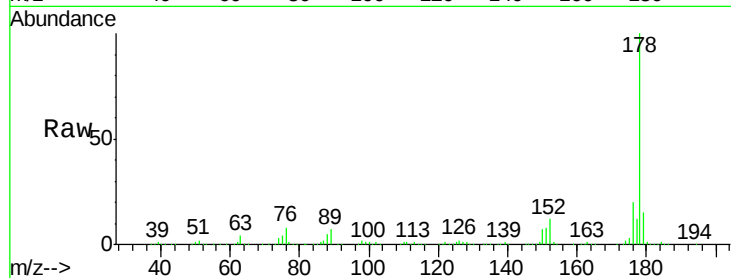
Tgt Ion:178 Resp: 622577

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

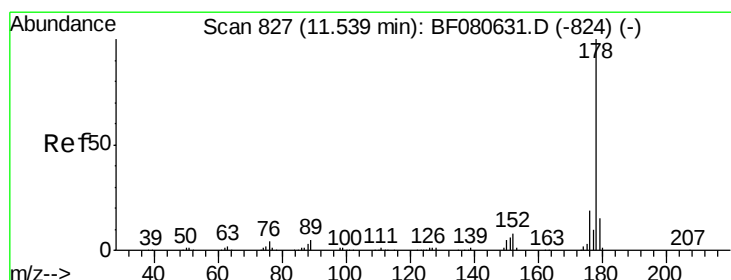
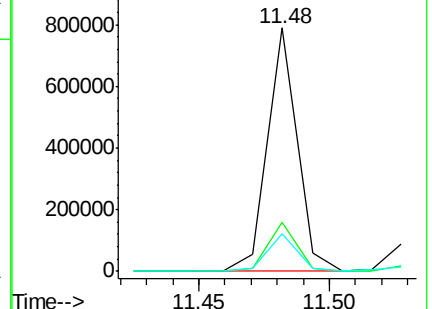
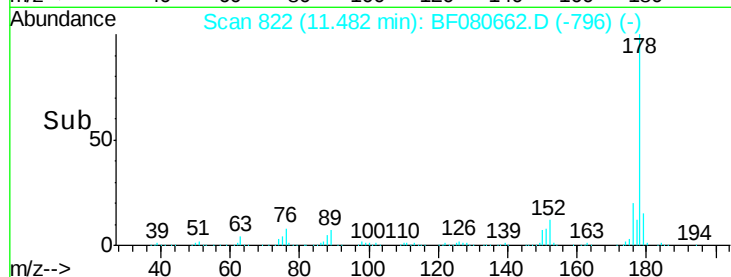
179 15.3 11.8 17.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 13.31 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

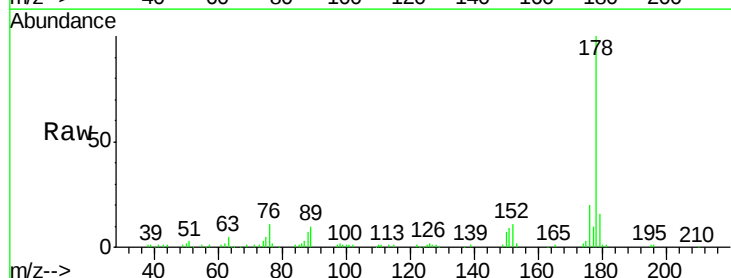
Tgt Ion:178 Resp: 112350

Ion Ratio Lower Upper

178 100

176 20.0 15.0 22.6

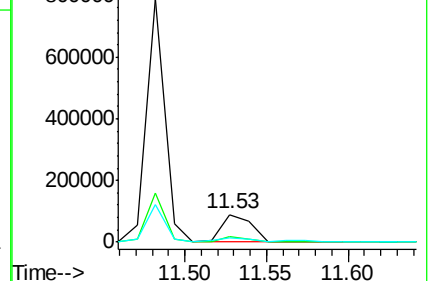
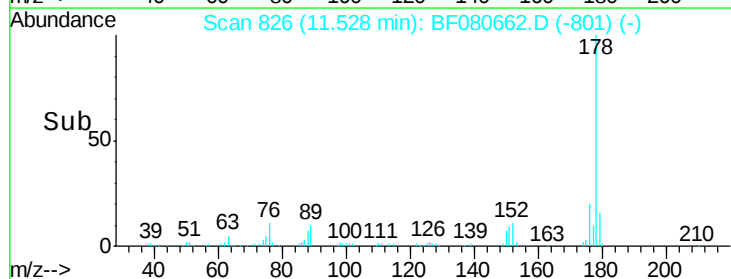
179 16.4 12.1 18.1

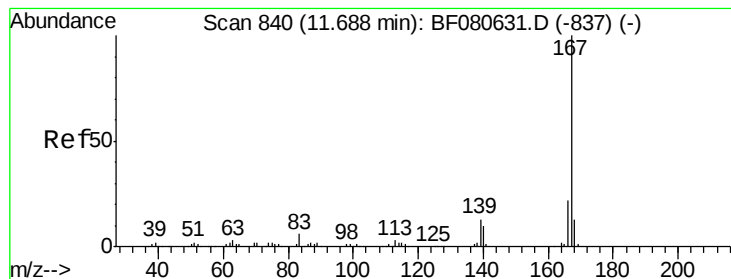


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.67 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SOIL-2

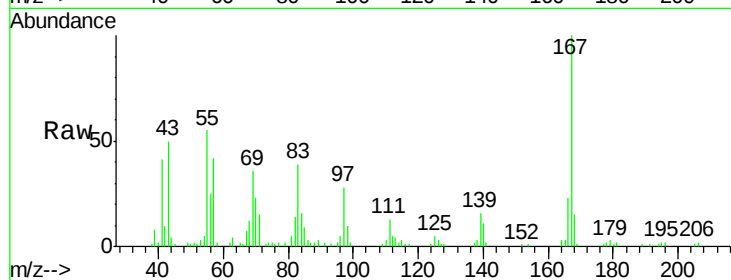
Tgt Ion:167 Resp: 35714

Ion Ratio Lower Upper

167 100

166 23.4 17.9 26.9

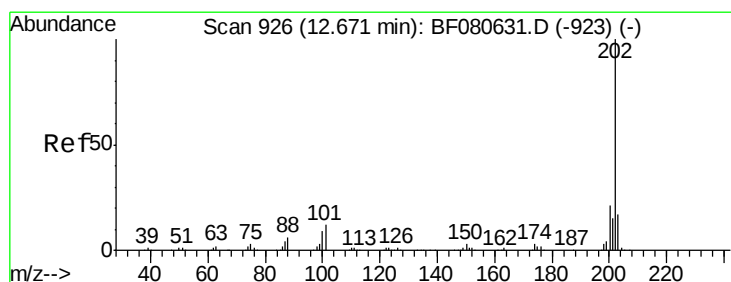
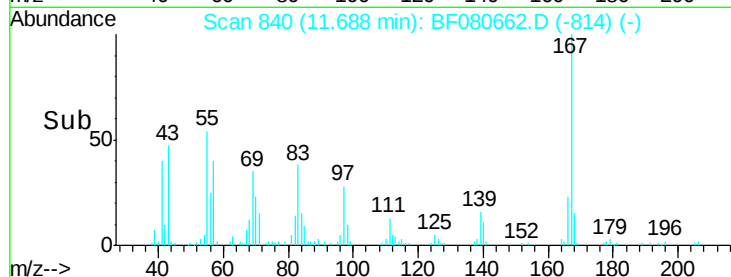
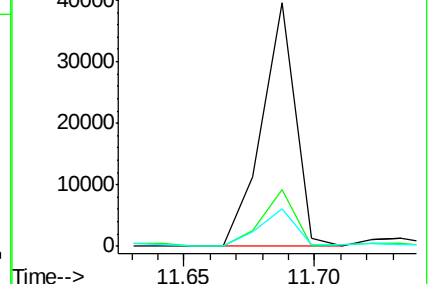
139 15.5 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 66.68 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

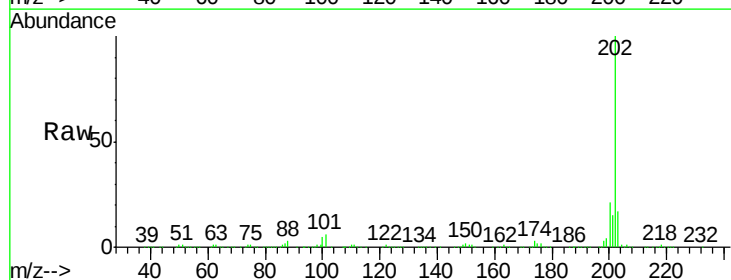
Tgt Ion:202 Resp: 563920

Ion Ratio Lower Upper

202 100

101 6.0 0.0 32.0

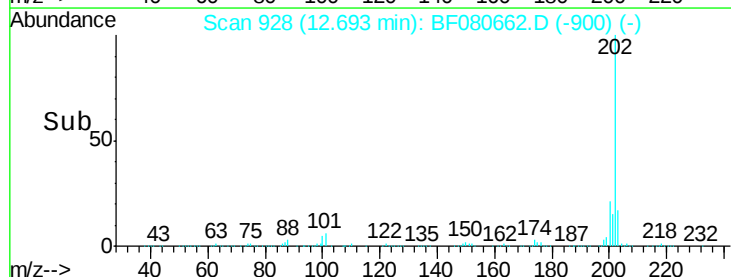
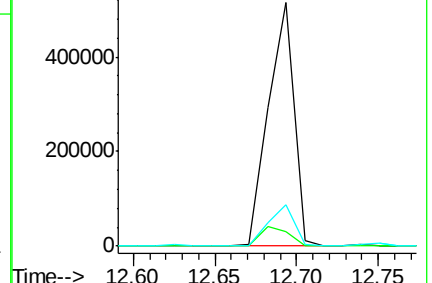
203 17.2 0.0 37.0

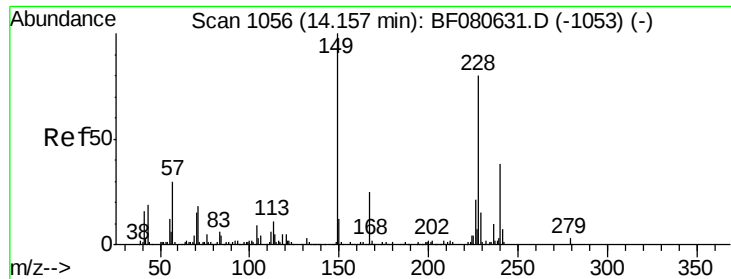


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.27 min Scan# 1066

Delta R.T. 0.11 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampled :

SOIL-2

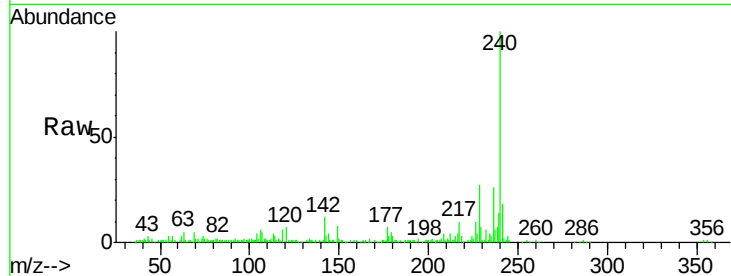
Tgt Ion:240 Resp: 136359

Ion Ratio Lower Upper

240 100

120 6.8 10.8 16.2#

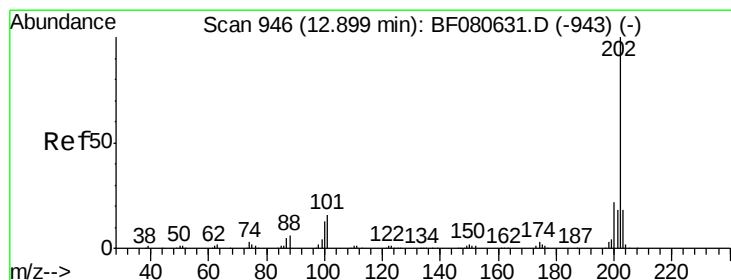
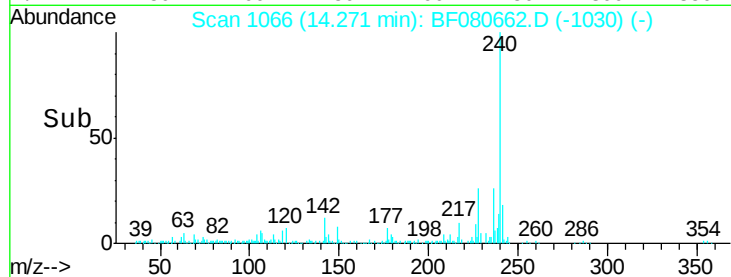
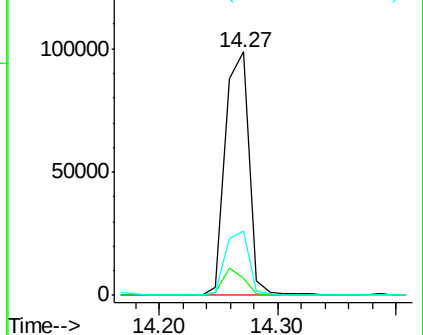
236 26.5 20.3 30.5



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: 65.54 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.03 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

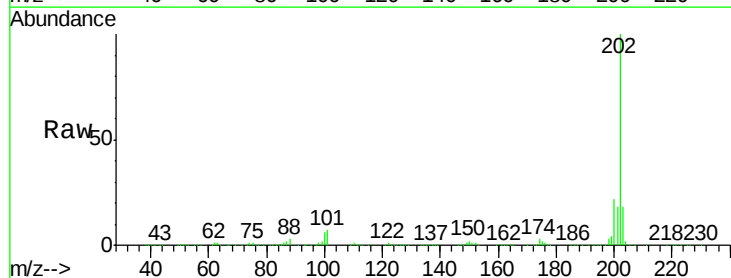
Tgt Ion:202 Resp: 559737

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

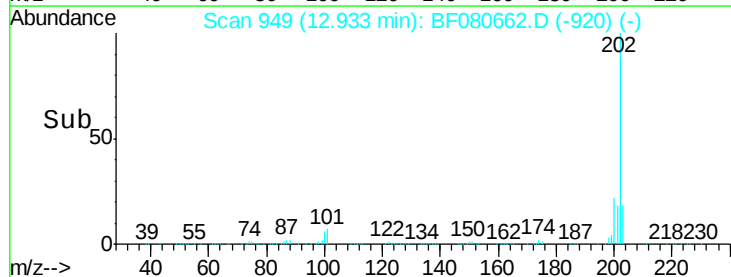
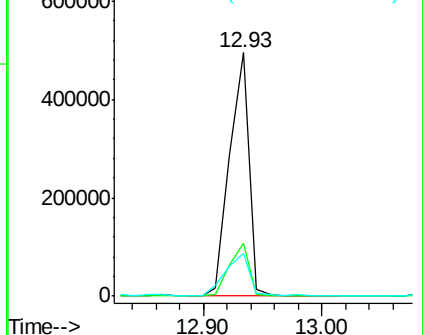
203 17.7 14.6 22.0

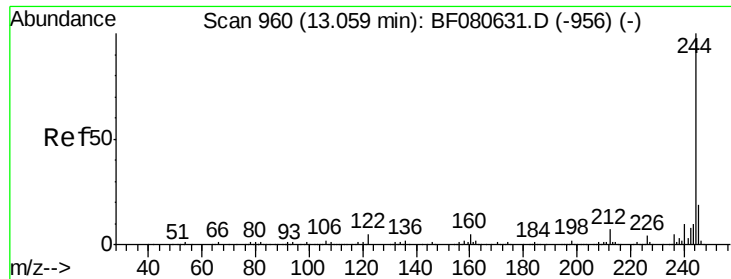


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

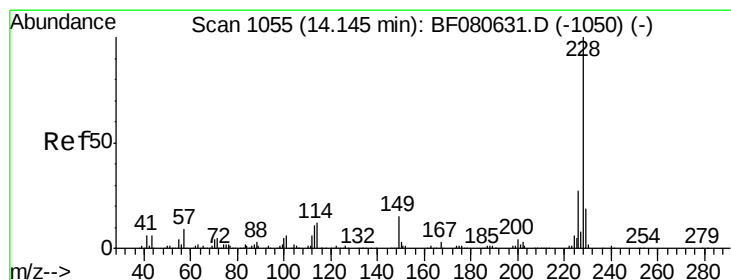
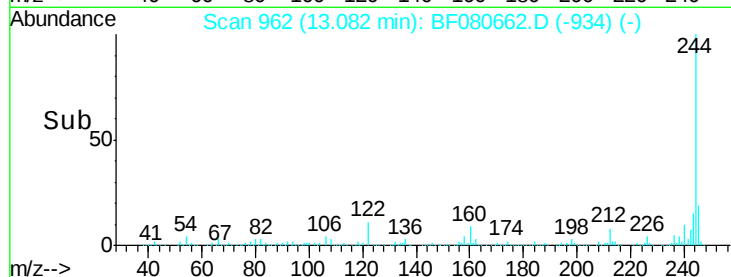
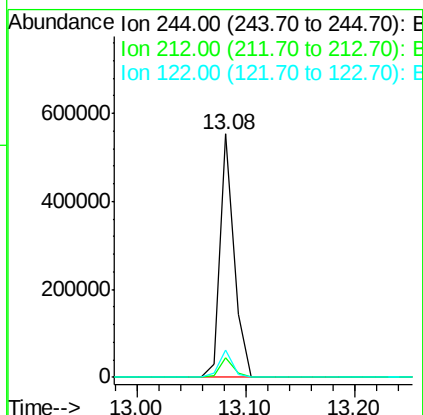
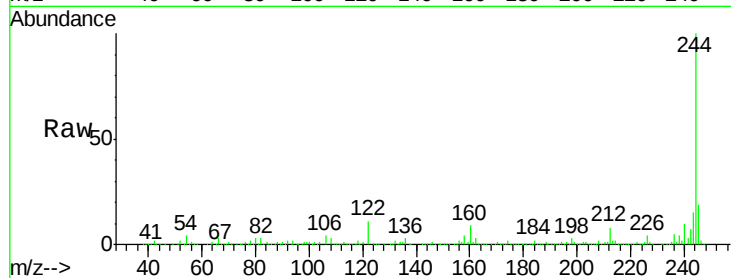




#78
 Terphenyl-d14
 Concen: 79.17 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

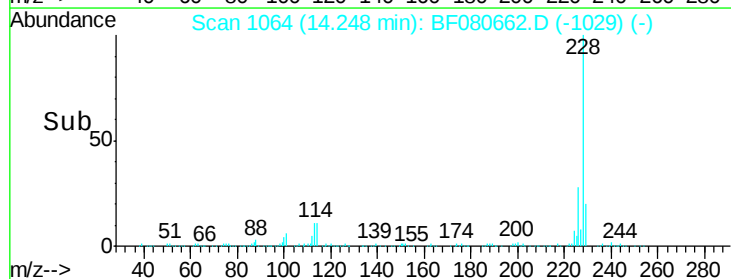
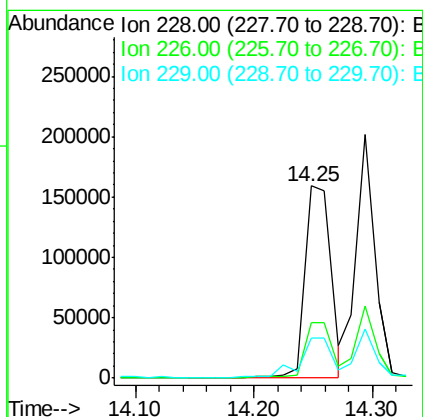
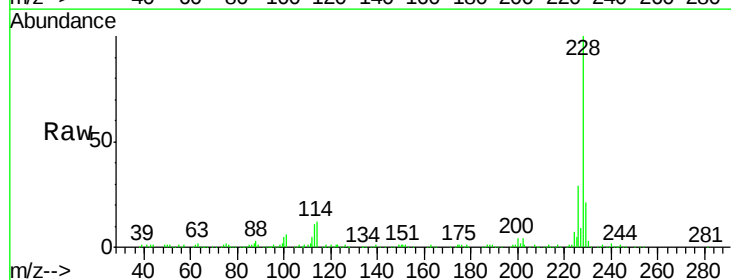
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

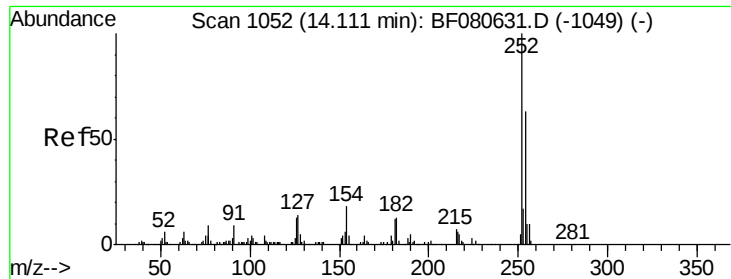
Tgt Ion:244 Resp: 501388
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.2 7.8#
 122 11.1 4.1 6.1#



#80
 Benzo(a)anthracene
 Concen: 30.49 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.10 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion:228 Resp: 243919
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.4 32.0
 229 21.1 15.4 23.0

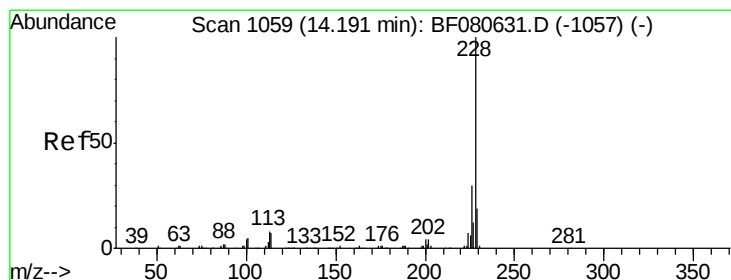
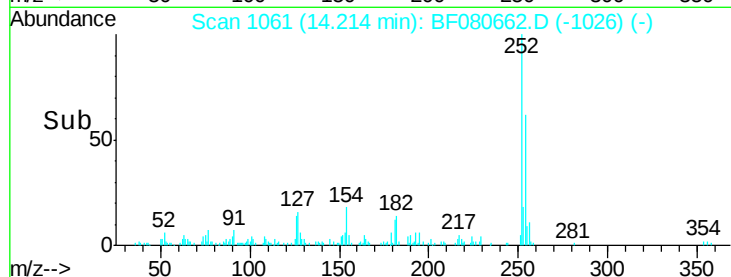
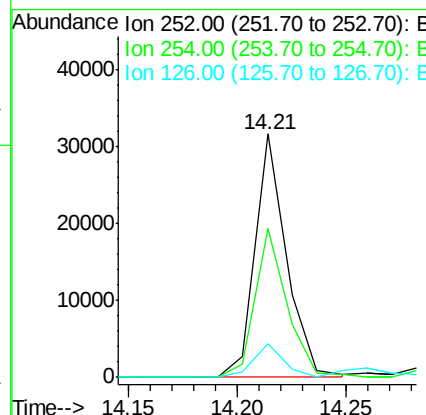
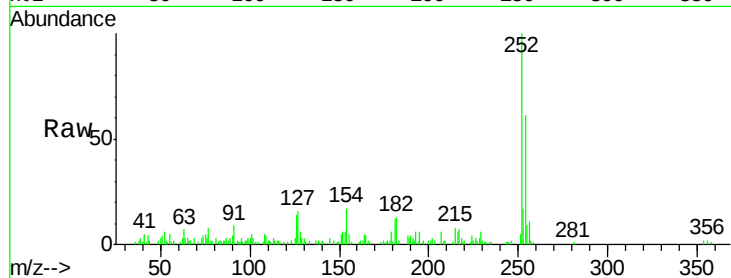




#81
 3,3'-Dichlorobenzidine
 Concen: 12.25 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. 0.10 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

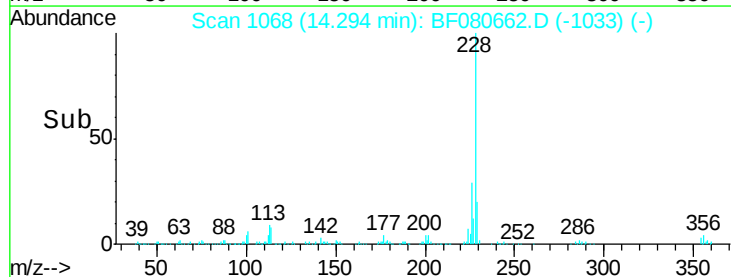
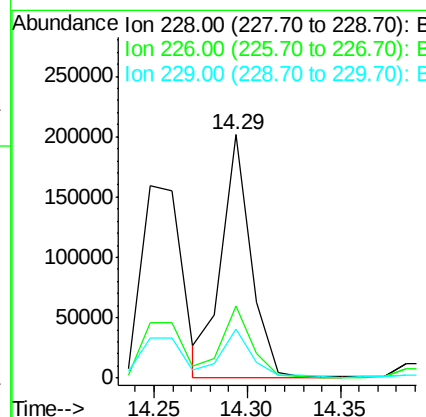
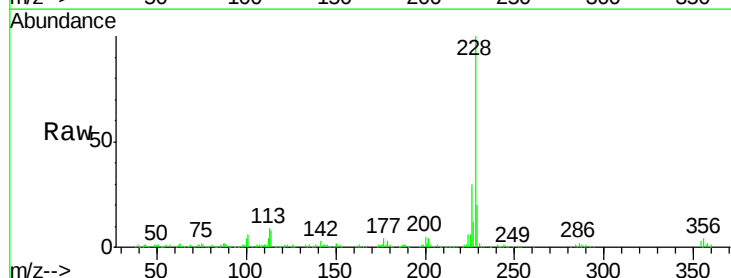
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

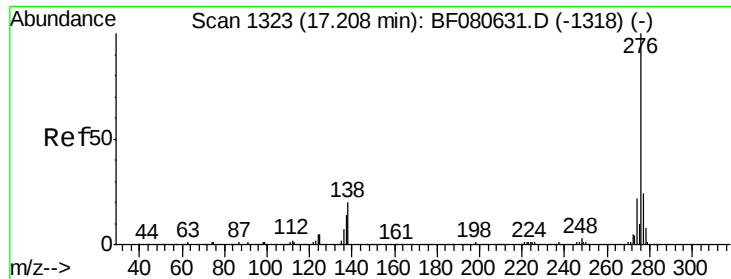
Tgt Ion: 252 Resp: 31867
 Ion Ratio Lower Upper
 252 100
 254 61.0 50.4 75.6
 126 14.0 10.6 15.8



#82
 Chrysene
 Concen: 29.73 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. 0.10 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion: 228 Resp: 222814
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.4
 229 20.3 15.4 23.2

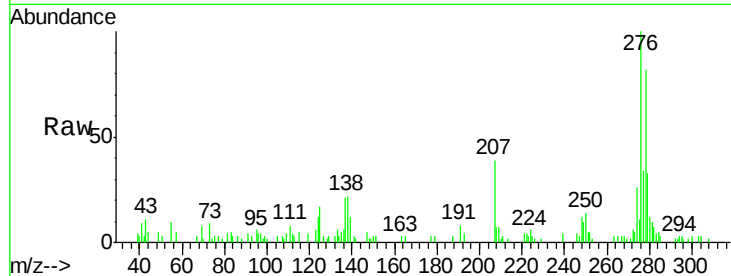




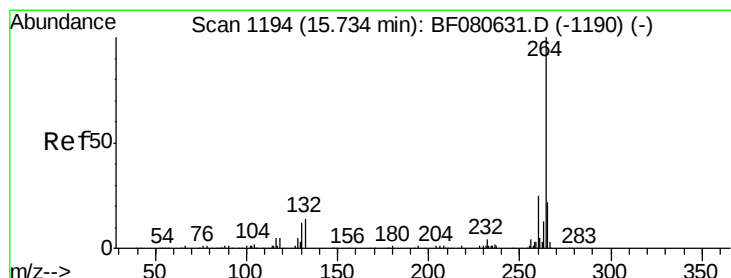
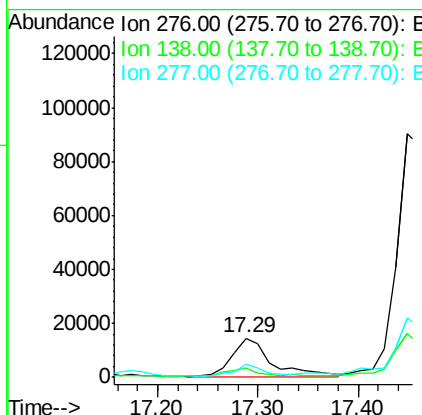
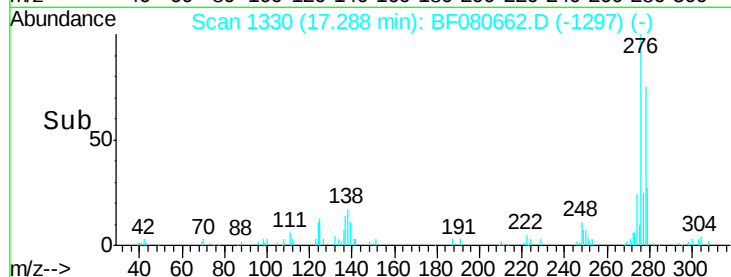
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.04 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. 0.08 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tgt Ion:276 Resp: 38833
 Ion Ratio Lower Upper
 276 100
 138 18.0 17.5 26.3
 277 22.4 19.8 29.6

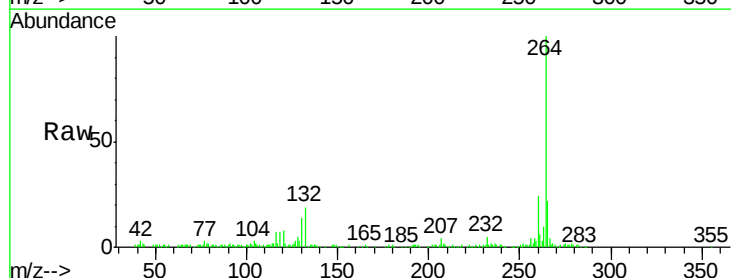


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

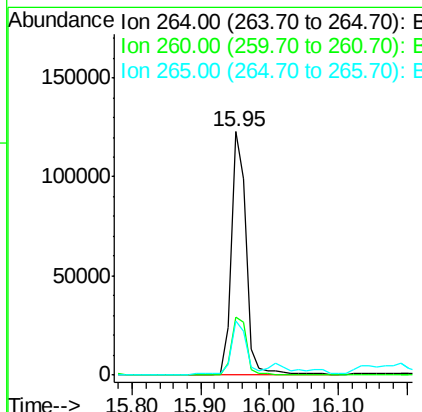
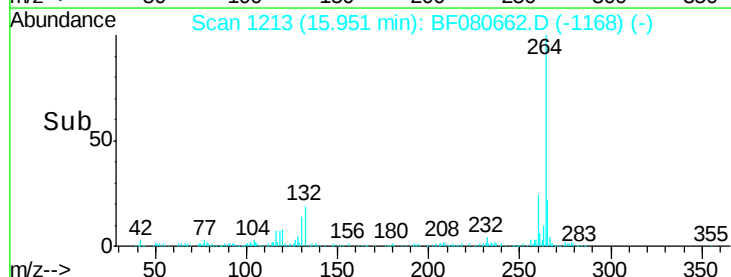


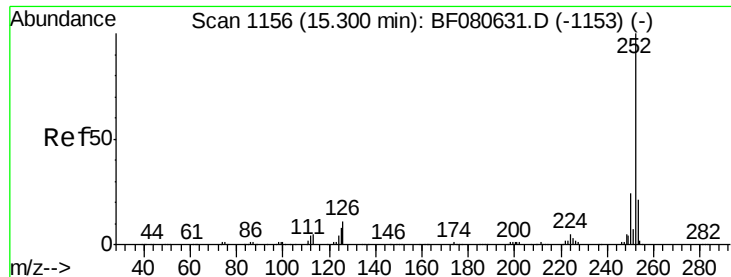
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1213
 Delta R.T. 0.22 min
 Lab File: BF080662.D
 Acq: 25 Jul 2015 10:49

Tgt Ion:264 Resp: 188493
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

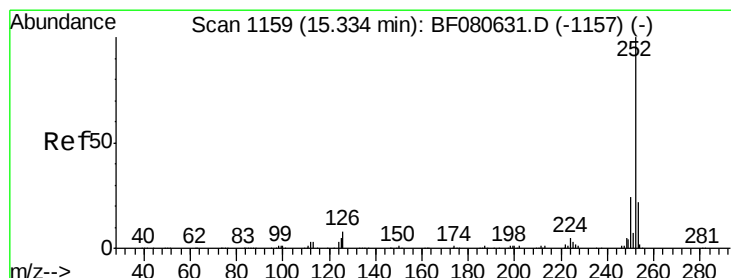
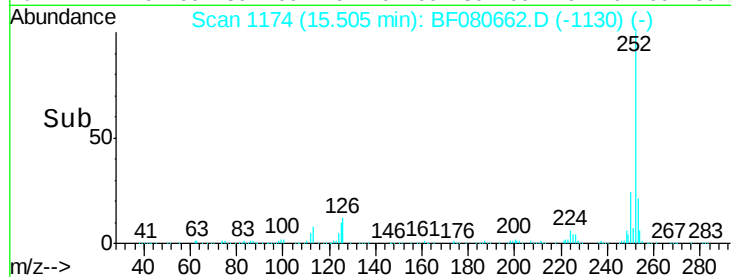
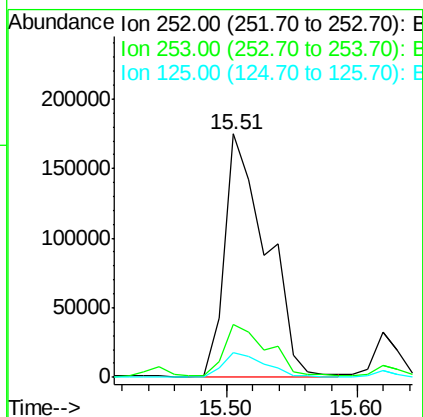
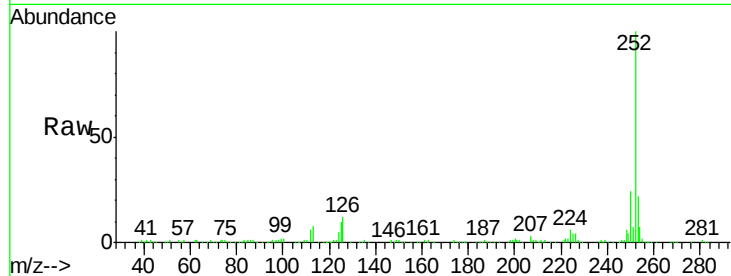




#87
Benzo(b)fluoranthene
Concen: 33.91 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.21 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

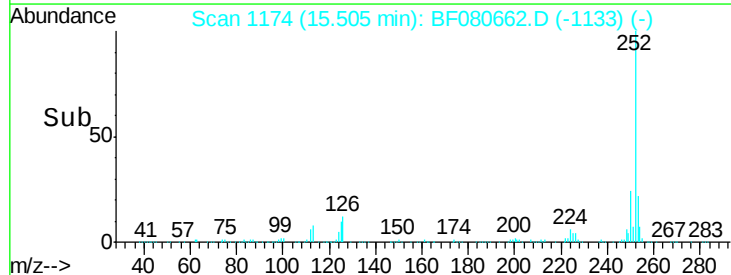
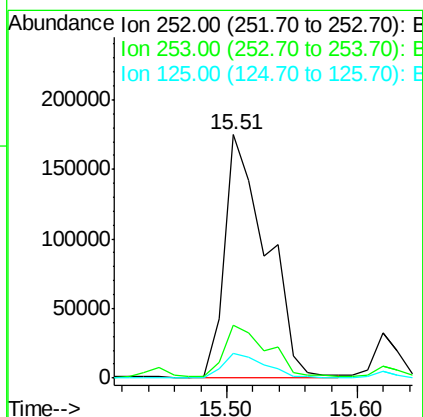
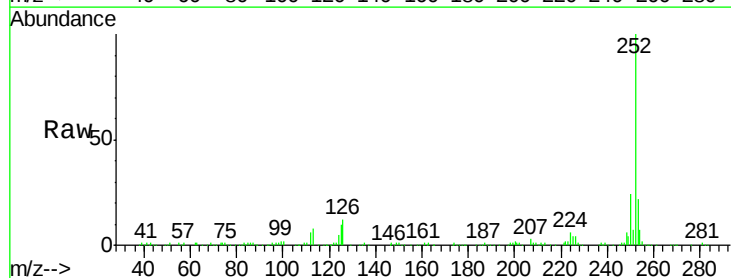
Instrument :
BNA_F
ClientSampleId :
SOIL-2

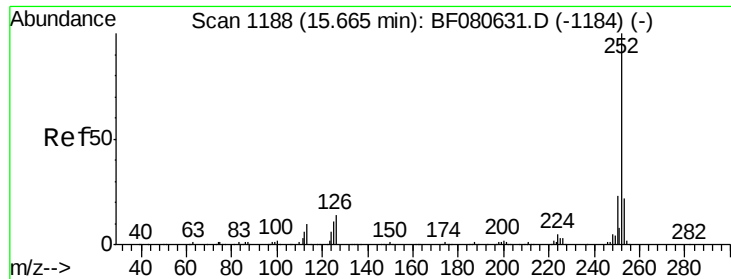
Tgt Ion:252 Resp: 387469
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.9 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 37.87 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.17 min
Lab File: BF080662.D
Acq: 25 Jul 2015 10:49

Tgt Ion:252 Resp: 387469
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.9 4.6 6.8#





#89

Benzo(a)pyrene

Concen: 16.74 ng

RT: 15.83 min Scan# 1202

Delta R.T. 0.16 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SOIL-2

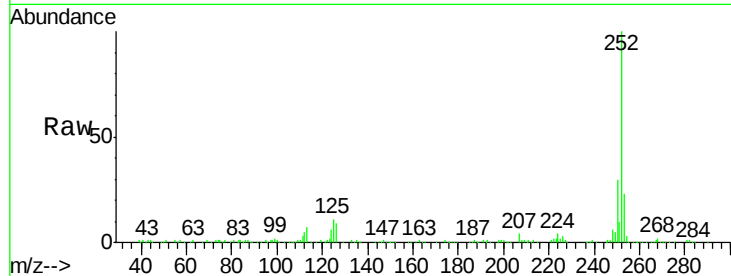
Tgt Ion:252 Resp: 172032

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

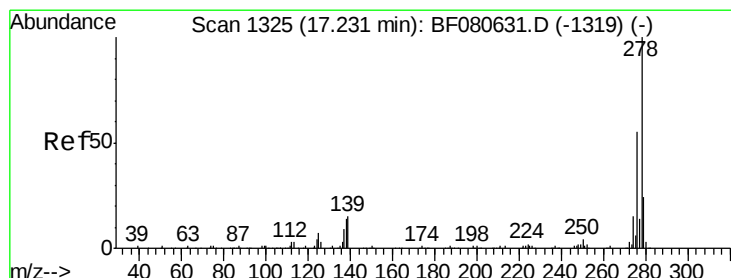
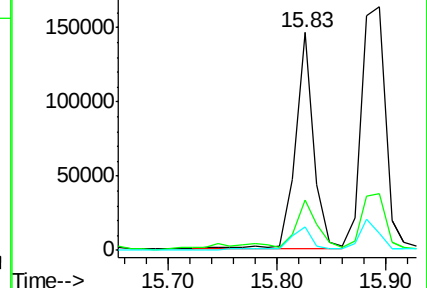
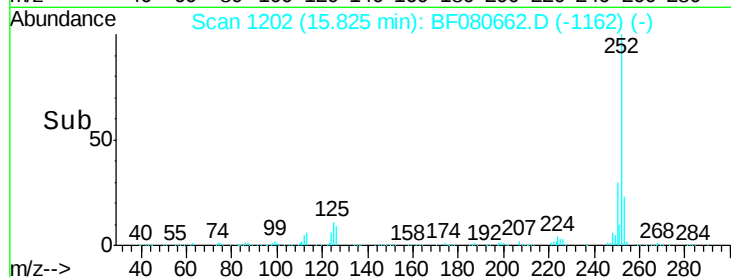
125 10.9 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.27 ng

RT: 17.64 min Scan# 1361

Delta R.T. 0.41 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

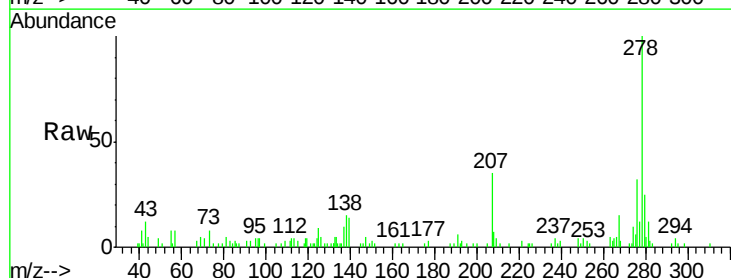
Tgt Ion:278 Resp: 35424

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

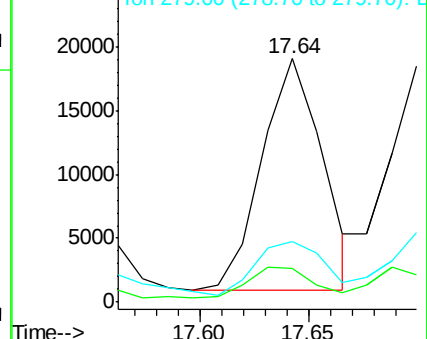
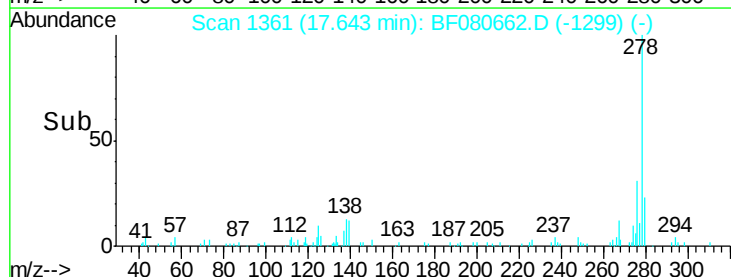
279 24.7 18.9 28.3

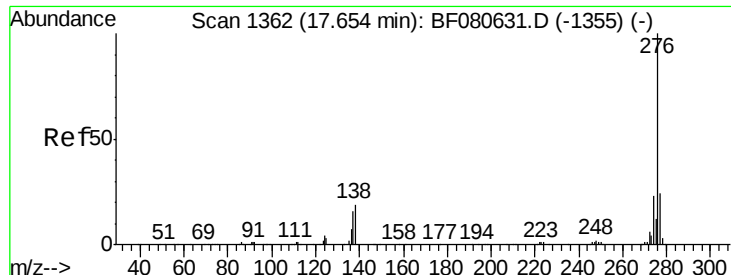


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 17.29 ng

RT: 17.91 min Scan# 1384

Delta R.T. 0.25 min

Lab File: BF080662.D

Acq: 25 Jul 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SOIL-2

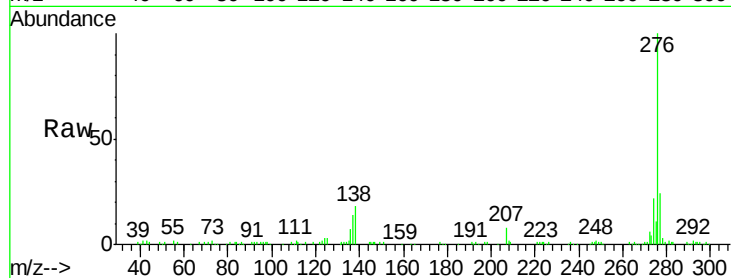
Tgt Ion:276 Resp: 190068

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 17.5 14.8 22.2



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

