

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001767.D
 Acq On : 19 Jun 2015 18:15
 Operator : TP/IZ
 Sample : G2653-04
 Misc : LOQ-SIM-SOIL-1PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Jun 20 02:10:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14650	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	53847	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	26833	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	72606	5.00	ng	0.00
25) Chrysene-d12	21.25	240	47619	5.00	ng	0.00
32) Perylene-d12	23.47	264	42816	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	35819	10.46	ng	0.00
5) Phenol-d6	6.83	99	46807	10.62	ng	0.00
7) Nitrobenzene-d5	8.83	82	27416	6.52	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	8745	10.44	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	62410	6.51	ng	0.00
27) Terphenyl-d14	19.70	244	48034	6.85	ng	0.00

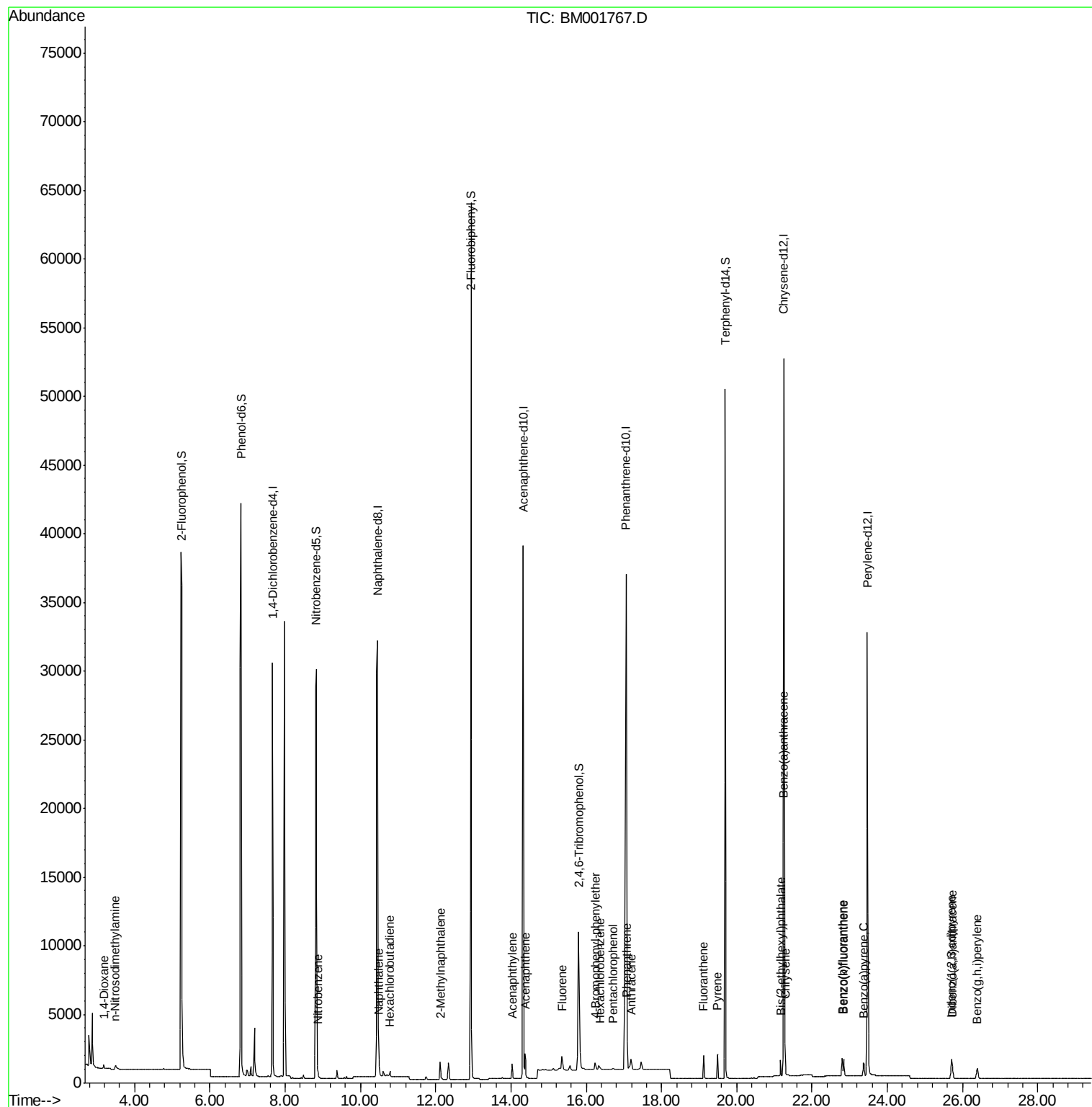
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	283	0.17	ng	# 78
3) n-Nitrosodimethylamine	3.49	42	281	0.11	ng	# 98
8) Nitrobenzene	8.87	77	669	0.15	ng	# 90
9) Naphthalene	10.49	128	1568	0.12	ng	# 89
10) Hexachlorobutadiene	10.78	225	268	0.12	ng	96
11) 2-Methylnaphthalene	12.13	142	1000	0.12	ng	92
15) Acenaphthylene	14.03	152	1356	0.11	ng	99
16) Acenaphthene	14.37	154	927	0.12	ng	98
17) Fluorene	15.36	166	1035	0.15	ng	98
19) 4-Bromophenyl-phenylether	16.24	248	318	0.11	ng	95
20) Hexachlorobenzene	16.38	284	251	0.12	ng	# 100
21) Pentachlorophenol	16.72	266	88	0.10	ng	# 82
22) Phenanthrene	17.09	178	2835	0.11	ng	96
23) Anthracene	17.19	178	1091	0.10	ng	# 94
24) Fluoranthene	19.12	202	1873	0.12	ng	99
26) Pyrene	19.49	202	1939	0.12	ng	99
28) Benzo(a)anthracene	21.24	228	1764	0.12	ng	94
29) Chrysene	21.28	228	1828	0.12	ng	96
30) Bis(2-ethylhexyl)phthalate	21.16	149	1090	0.13	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.70	276	1674	0.12	ng	99
33) Benzo(b)fluoranthene	22.80	252	1691	0.12	ng	# 85
34) Benzo(k)fluoranthene	22.84	252	1467	0.12	ng	# 84
35) Benzo(a)pyrene	23.37	252	1415	0.12	ng	# 79
36) Dibenzo(a,h)anthracene	25.72	278	1341	0.11	ng	# 82
37) Benzo(g,h,i)perylene	26.39	276	1521	0.12	ng	# 86

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

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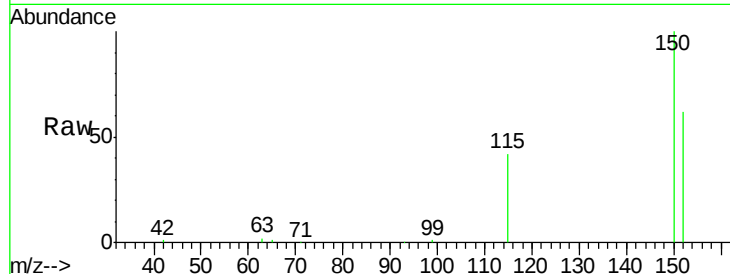




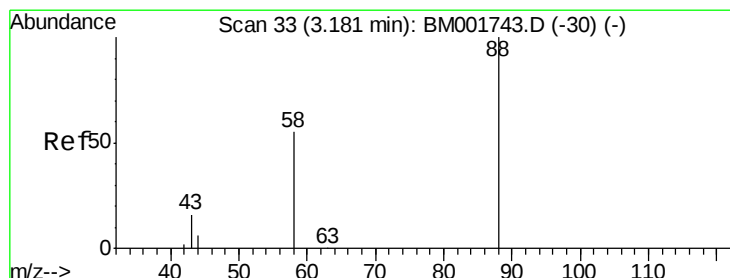
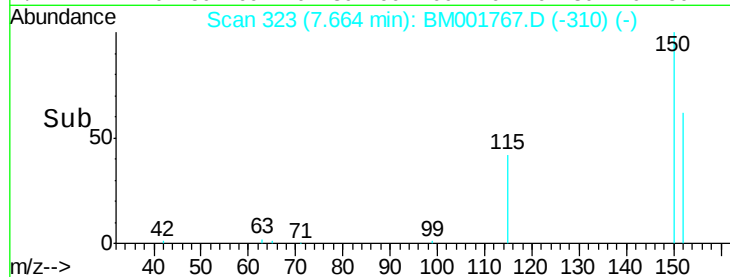
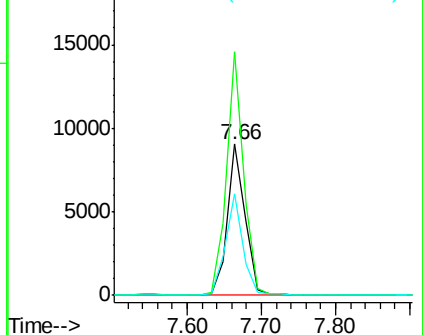
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion: 152 Resp: 14650
 Ion Ratio Lower Upper
 152 100
 150 160.9 127.5 191.3
 115 67.5 53.2 79.8

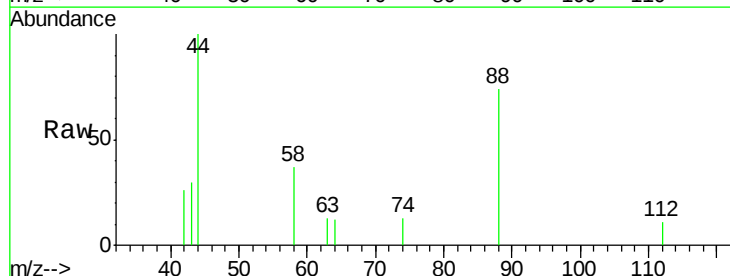


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

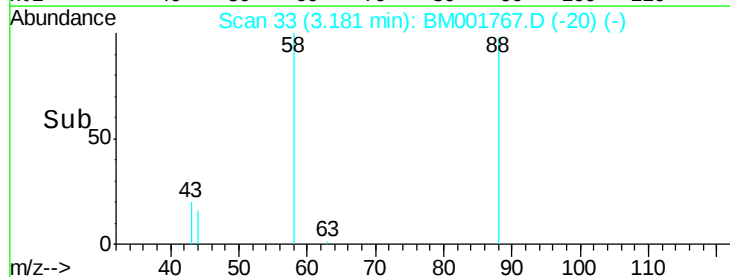
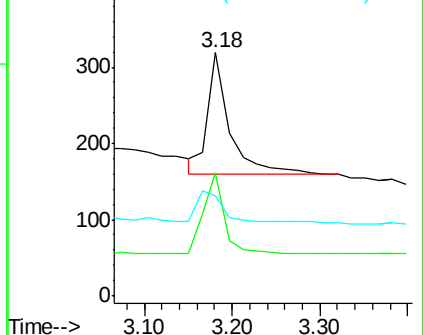


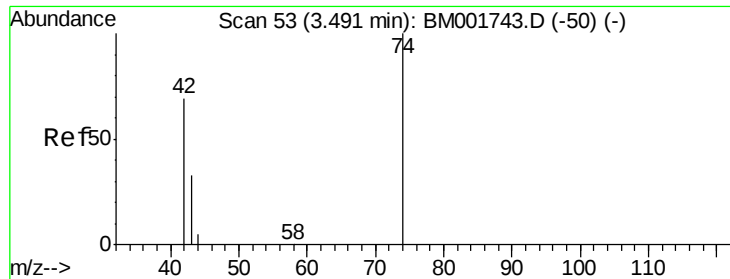
#2
 1,4-Dioxane
 Concen: 0.17 ng
 RT: 3.18 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Tgt Ion: 88 Resp: 283
 Ion Ratio Lower Upper
 88 100
 58 64.0 68.3 102.5#
 43 27.9 32.6 48.8#



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

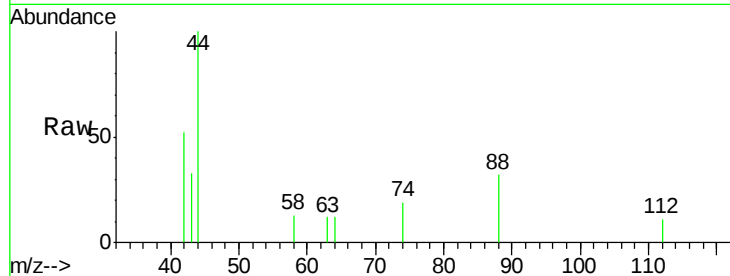
Tgt Ion: 42 Resp: 281

Ion Ratio Lower Upper

42 100

74 96.4 78.6 118.0

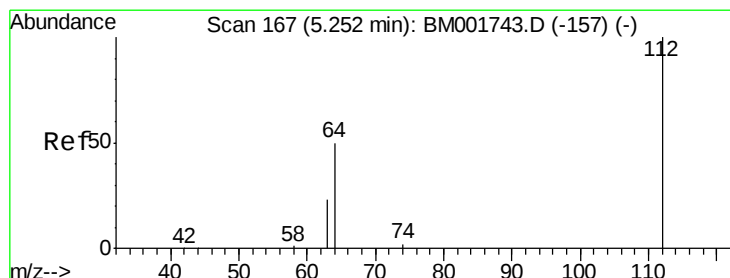
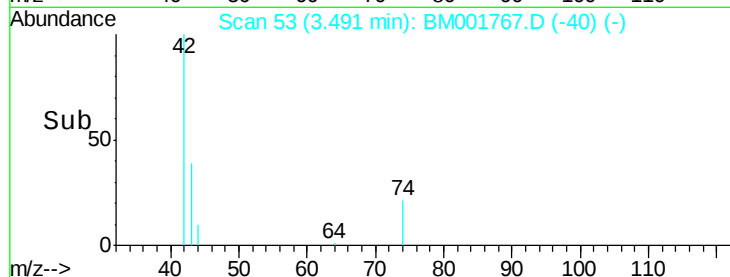
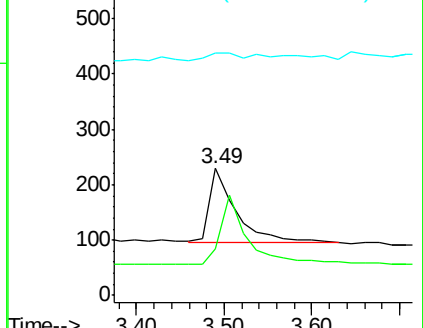
44 10.0 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 10.46 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

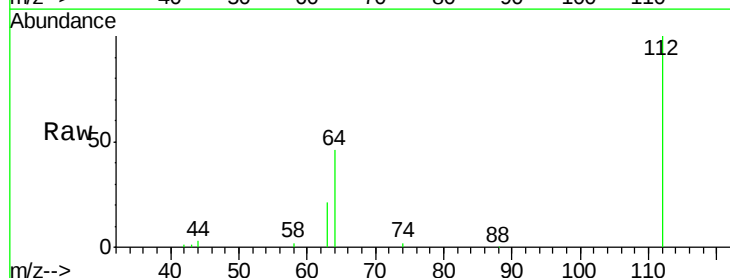
Tgt Ion: 112 Resp: 35819

Ion Ratio Lower Upper

112 100

64 69.6 55.6 83.4

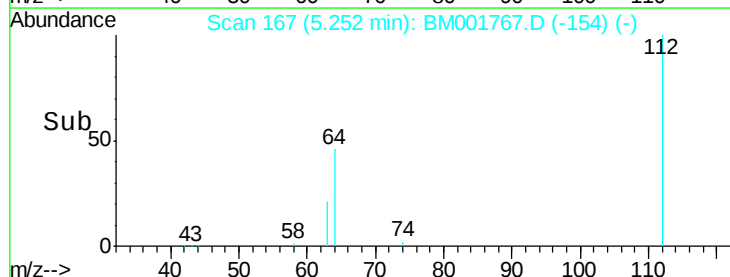
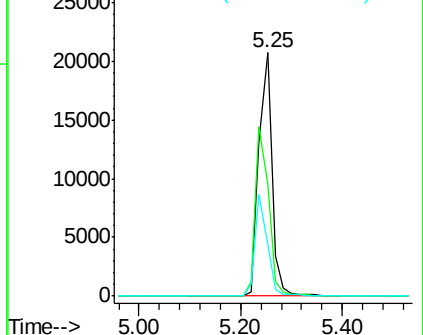
63 38.5 30.2 45.2

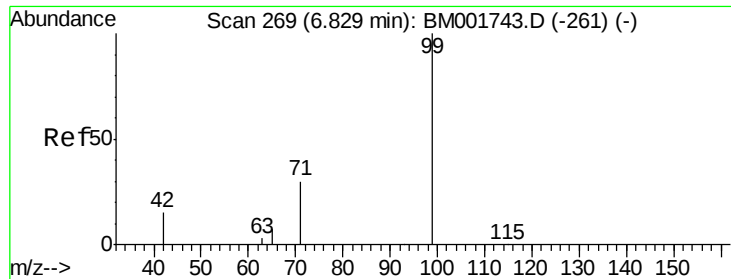


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 10.62 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

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ClientSampleId :

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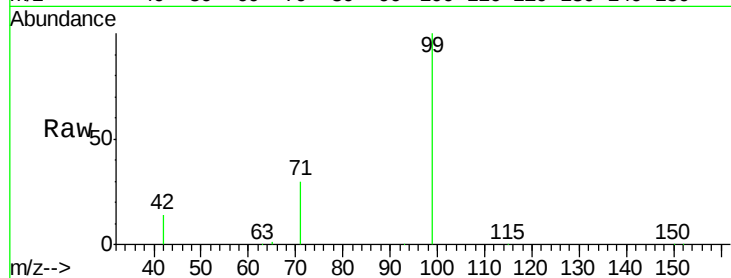
Tgt Ion: 99 Resp: 46807

Ion Ratio Lower Upper

99 100

42 25.9 21.4 32.0

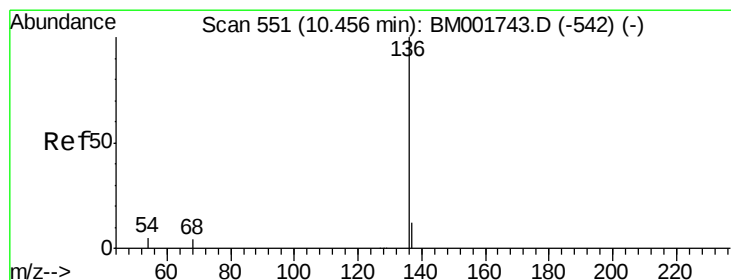
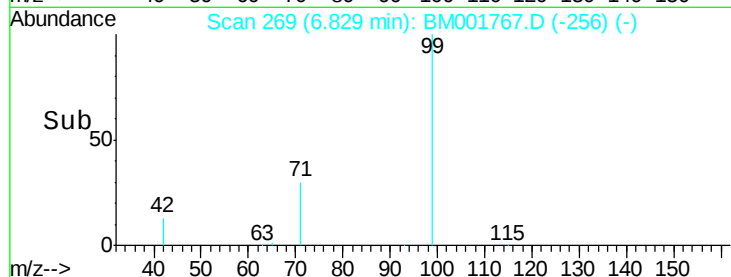
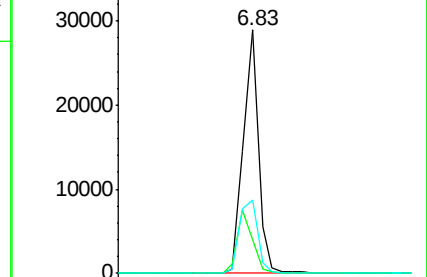
71 36.1 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001767.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001767.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001767.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Tgt Ion: 136 Resp: 53847

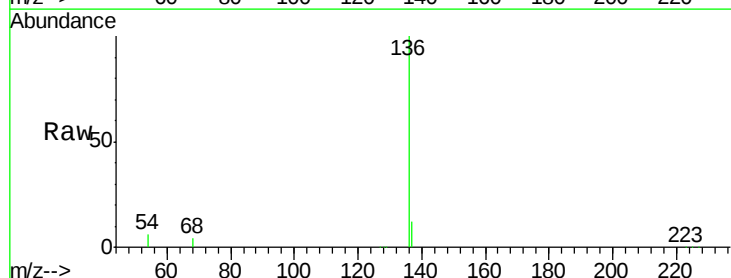
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.8 4.4 6.6

68 4.0 3.1 4.7

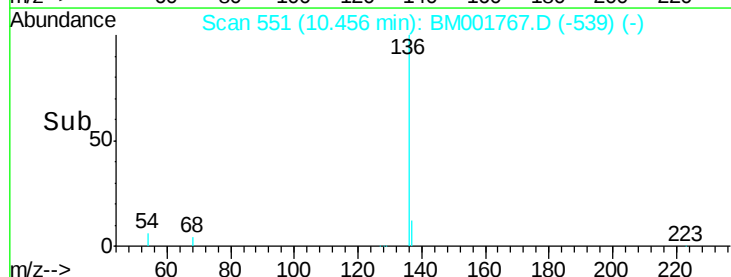
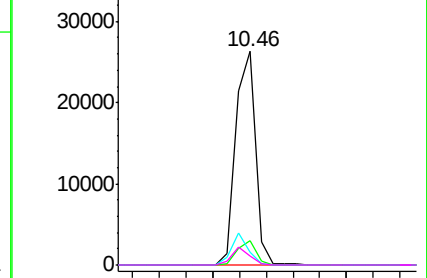


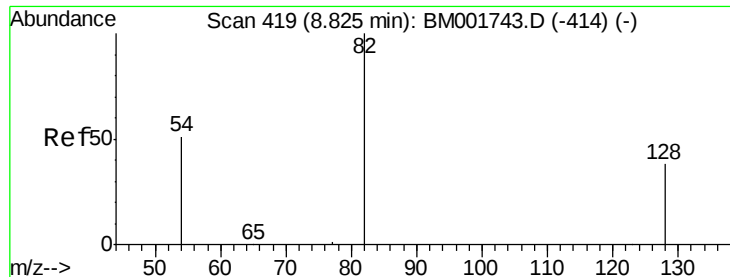
Abundance Ion 136.00 (135.70 to 136.70): BM001767.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001767.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001767.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001767.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 6.52 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

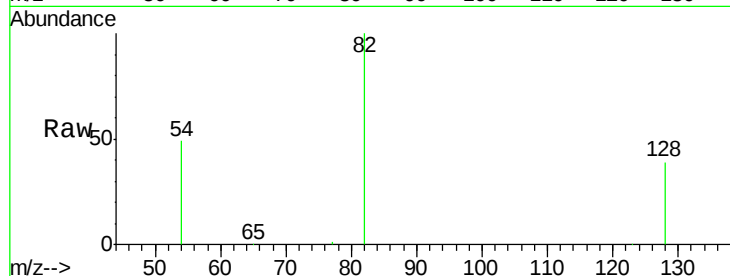
Tgt Ion: 82 Resp: 27416

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

54 49.4 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001767.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001767.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001767.D (-400) (-)

8.83

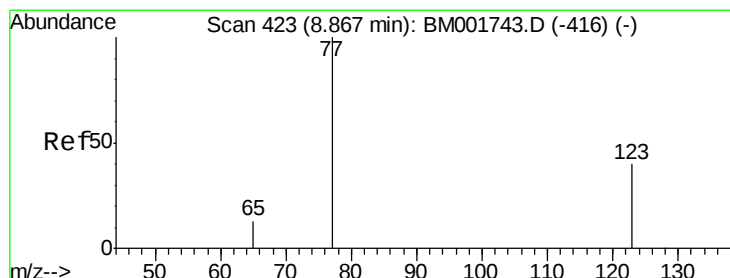
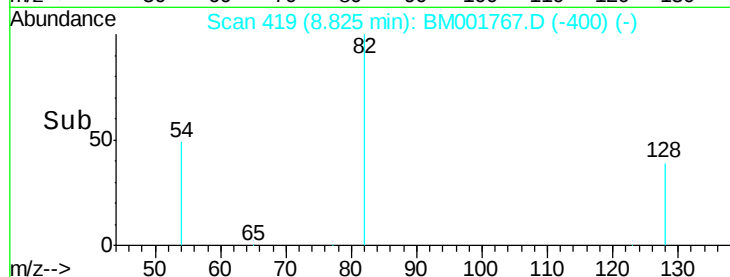
15000

10000

5000

0

Time--> 8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.15 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

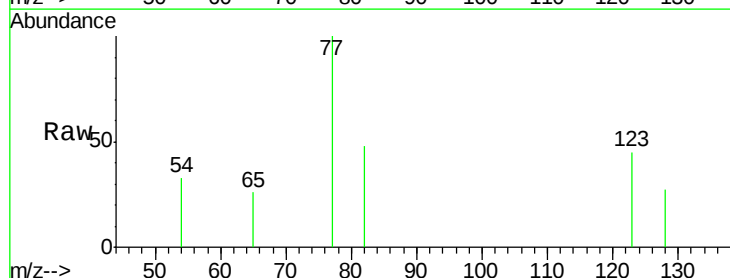
Tgt Ion: 77 Resp: 669

Ion Ratio Lower Upper

77 100

123 32.0 30.1 45.1

65 18.8 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM001767.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001767.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001767.D (-404) (-)

8.87

500

400

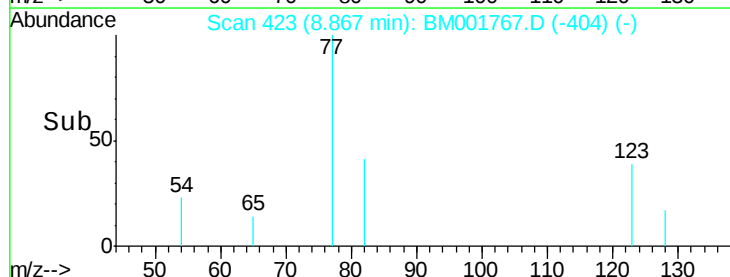
300

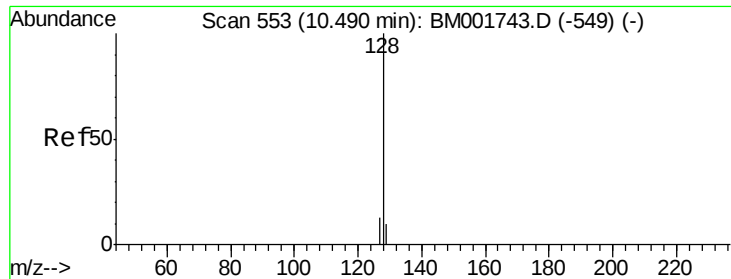
200

100

0

Time--> 8.70 8.80 8.90 9.00 9.10





#9

Naphthalene

Concen: 0.12 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001767.D

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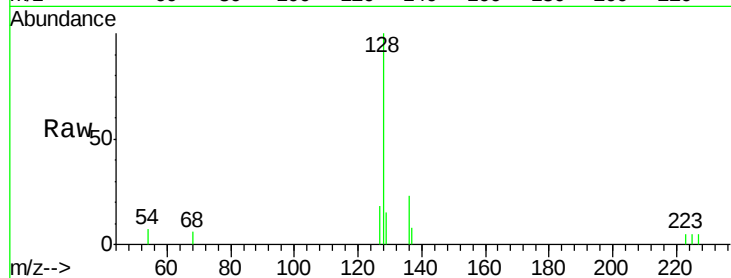
Tgt Ion:128 Resp: 1568

Ion Ratio Lower Upper

128 100

129 14.9 8.7 13.1#

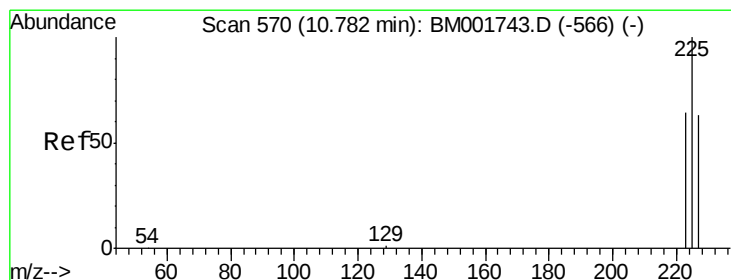
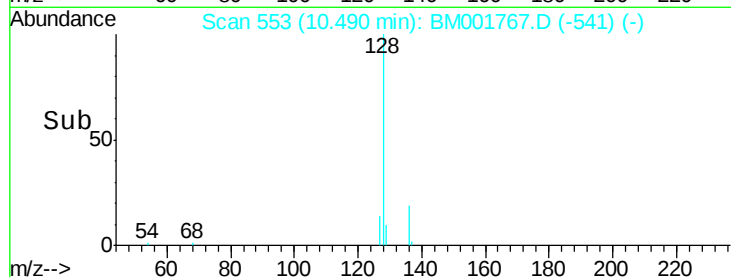
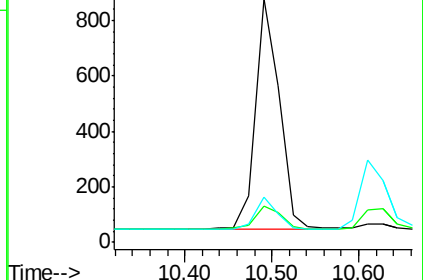
127 18.5 11.2 16.8#



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



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

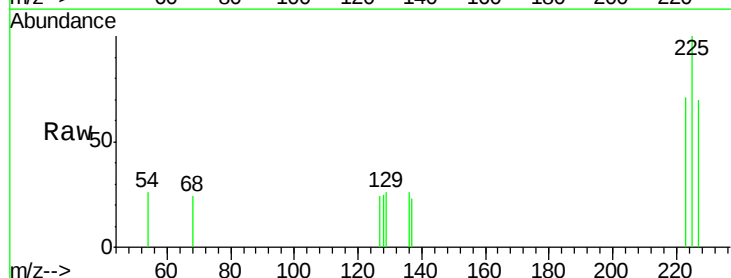
Tgt Ion:225 Resp: 268

Ion Ratio Lower Upper

225 100

223 61.2 51.0 76.4

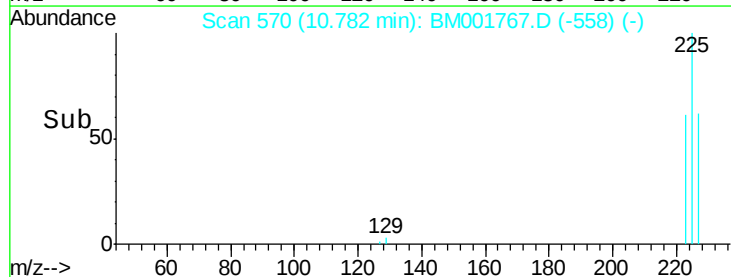
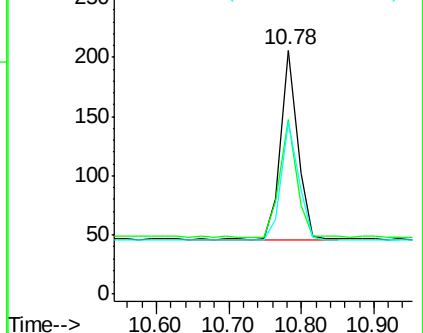
227 61.6 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.12 ng

RT: 12.13 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM001767.D

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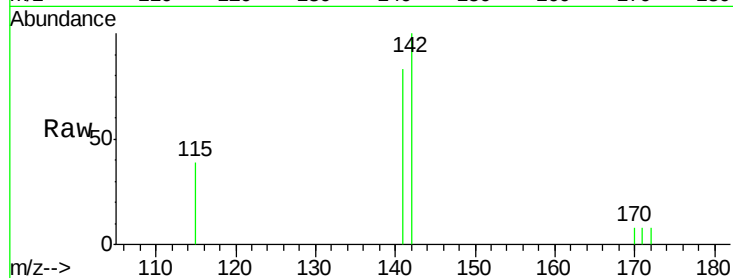
Tgt Ion:142 Resp: 1000

Ion Ratio Lower Upper

142 100

141 83.3 73.6 110.4

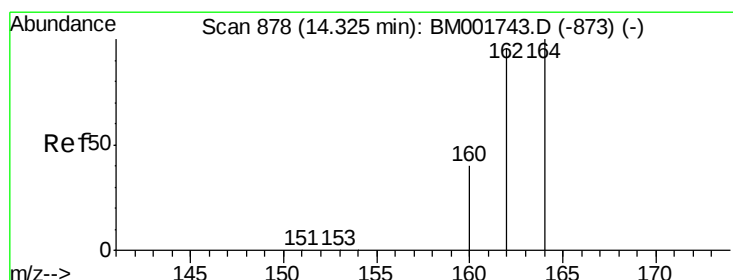
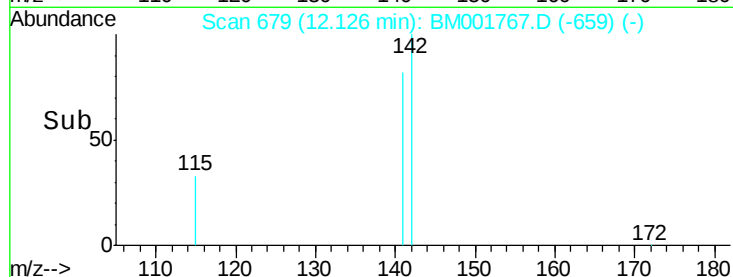
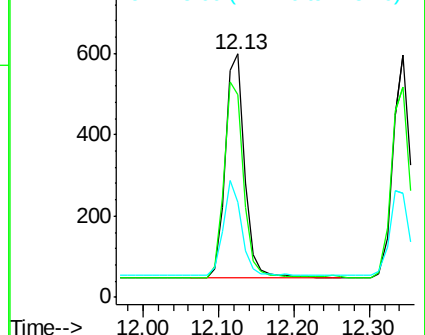
115 39.2 34.1 51.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

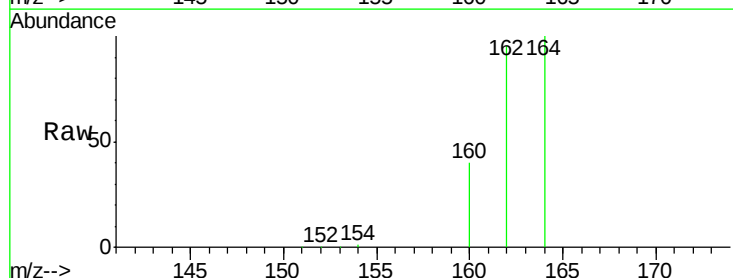
Tgt Ion:164 Resp: 26833

Ion Ratio Lower Upper

164 100

162 95.5 76.6 114.8

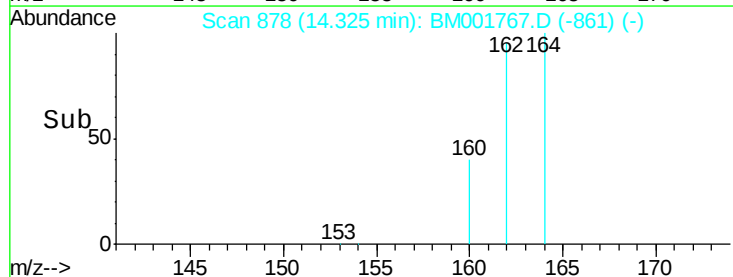
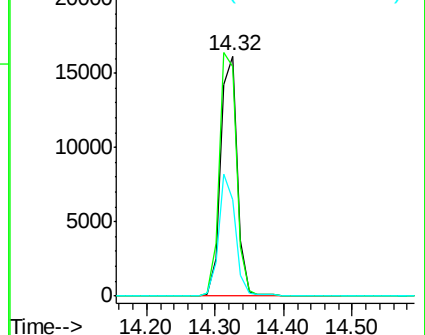
160 39.9 31.8 47.8

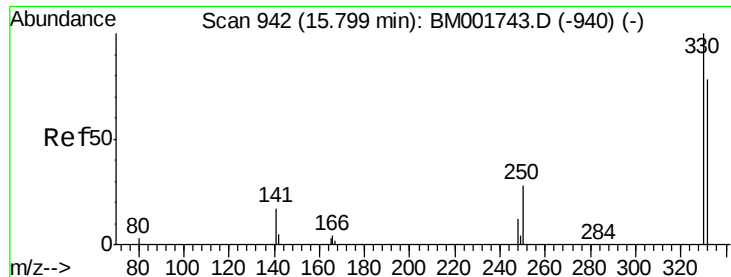


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

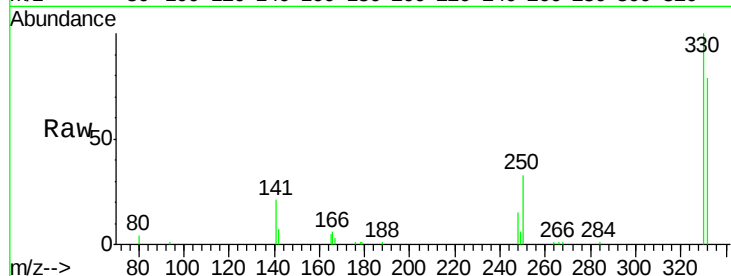




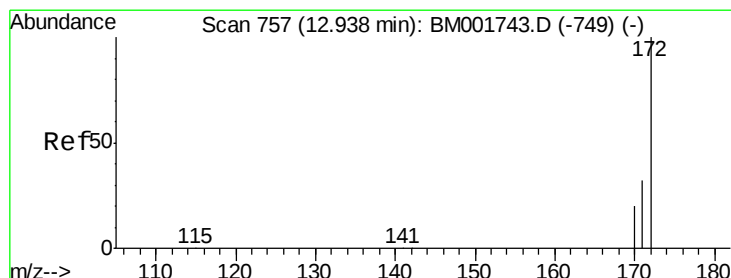
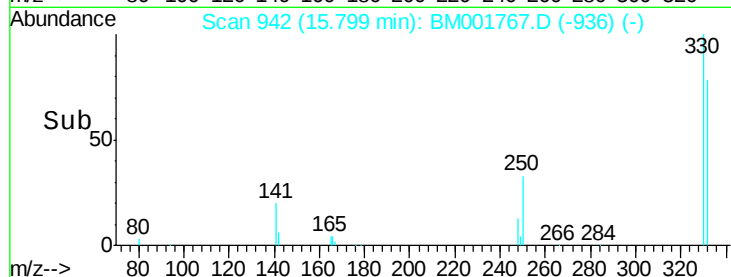
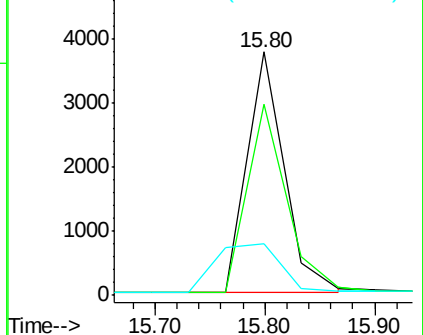
#13
 2,4,6-Tribromophenol
 Concen: 10.44 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:330 Resp: 8745
 Ion Ratio Lower Upper
 330 100
 332 83.4 65.8 98.8
 141 35.7 0.0 0.0#

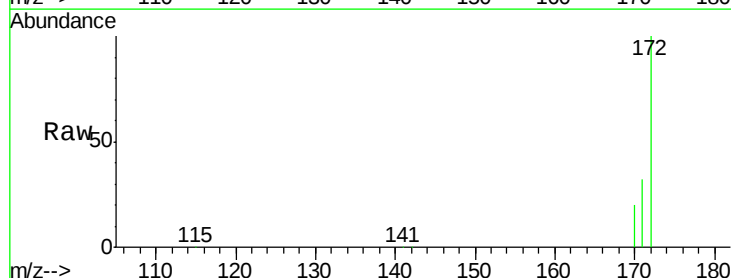


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

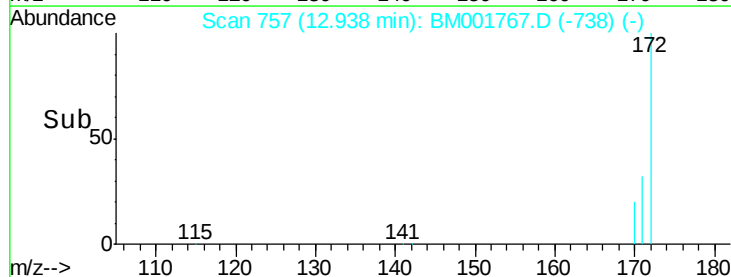
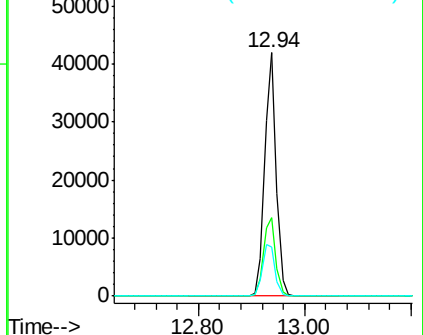


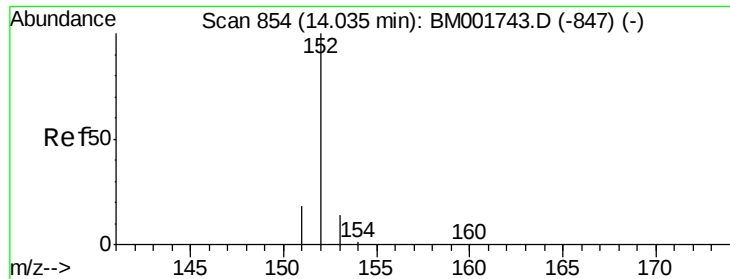
#14
 2-Fluorobiphenyl
 Concen: 6.51 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Tgt Ion:172 Resp: 62410
 Ion Ratio Lower Upper
 172 100
 171 32.1 26.2 39.2
 170 20.0 16.6 24.8



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

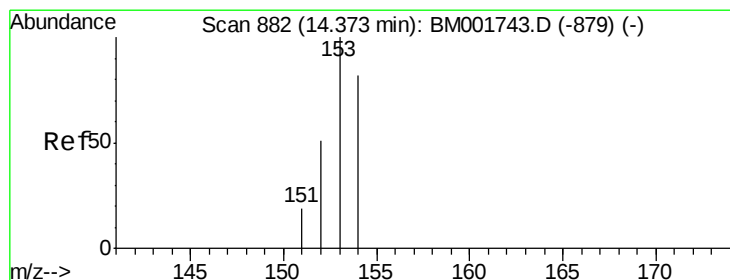
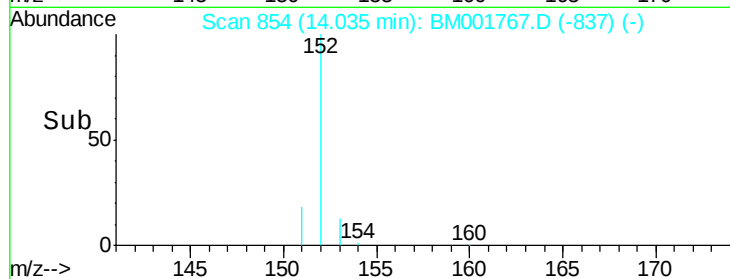
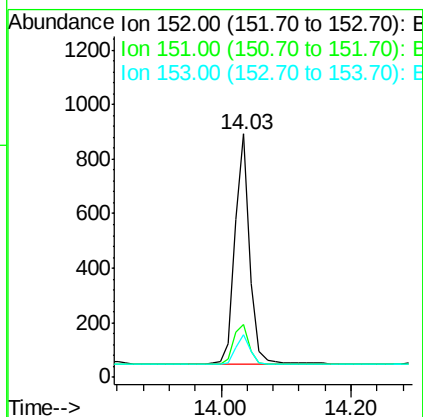
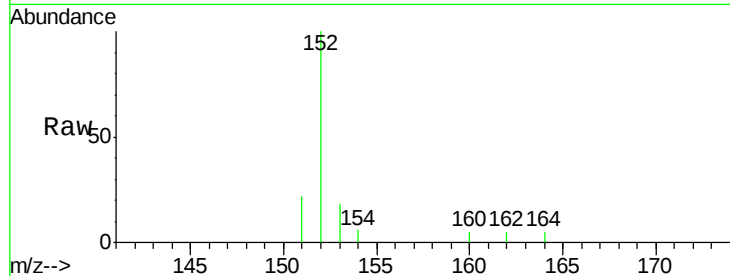




#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001767.D
Acq: 19 Jun 2015 18:15

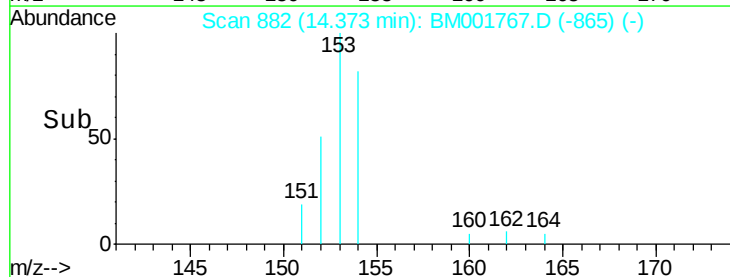
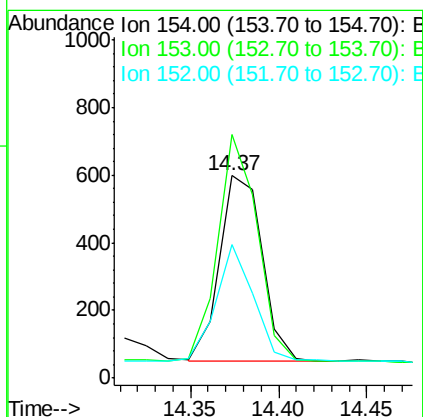
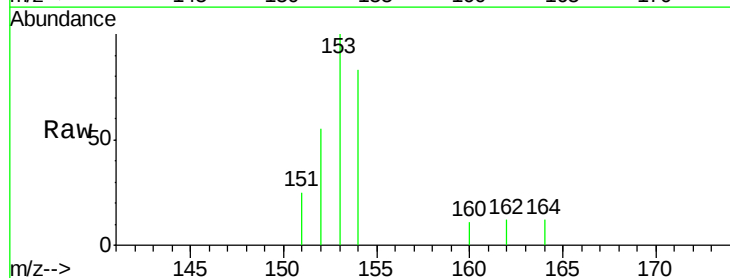
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

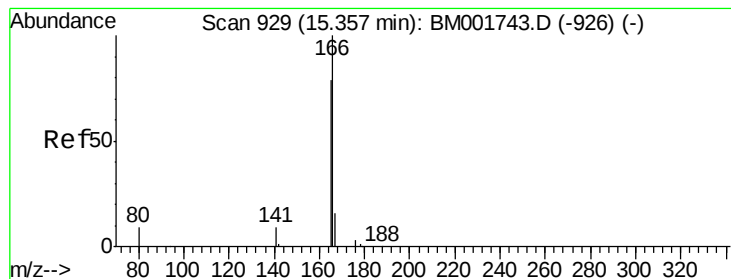
Tgt Ion:152 Resp: 1356
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 13.3 10.4 15.6



#16
Acenaphthene
Concen: 0.12 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001767.D
Acq: 19 Jun 2015 18:15

Tgt Ion:154 Resp: 927
Ion Ratio Lower Upper
154 100
153 115.0 90.0 135.0
152 55.9 44.2 66.4





#17

Fluorene

Concen: 0.15 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

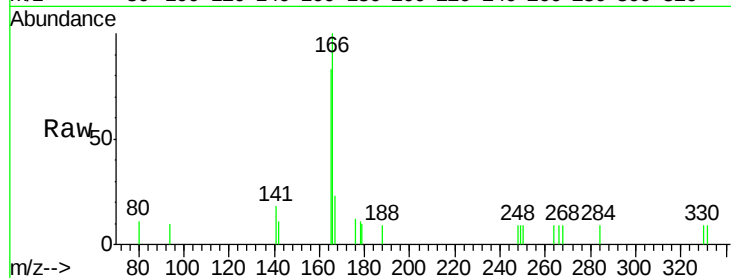
Tgt Ion:166 Resp: 1035

Ion Ratio Lower Upper

166 100

165 83.5 68.2 102.2

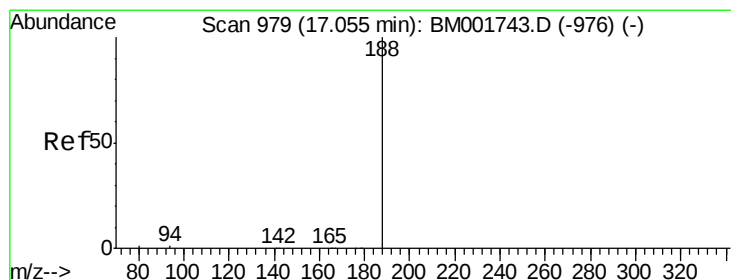
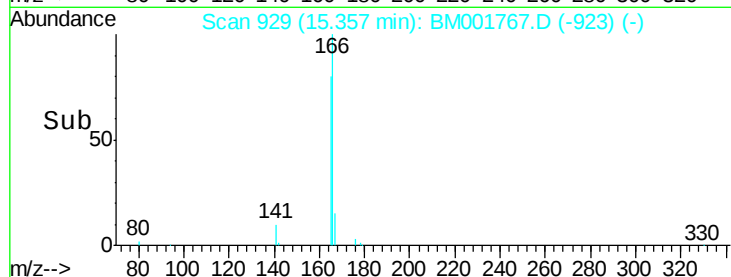
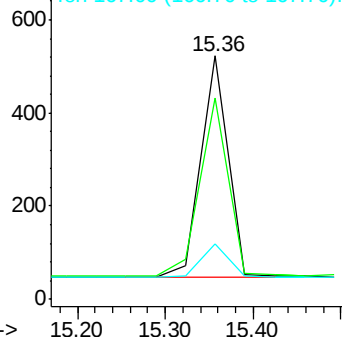
167 15.4 12.2 18.2



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

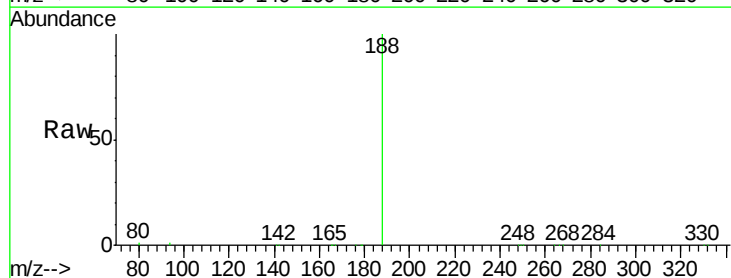
Tgt Ion:188 Resp: 72606

Ion Ratio Lower Upper

188 100

94 1.5 1.3 1.9

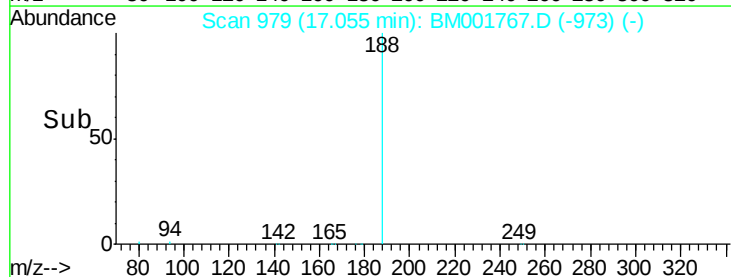
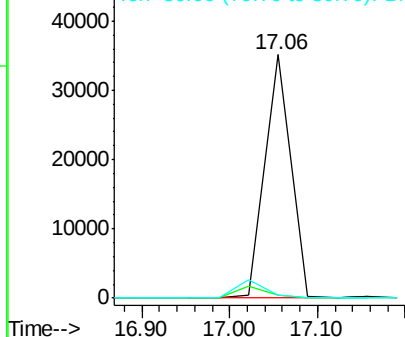
80 1.3 1.0 1.6

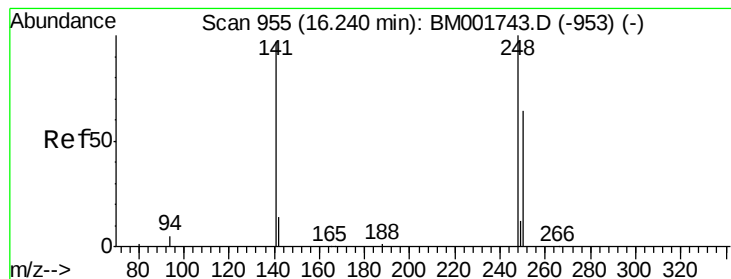


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.11 ng

RT: 16.24 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

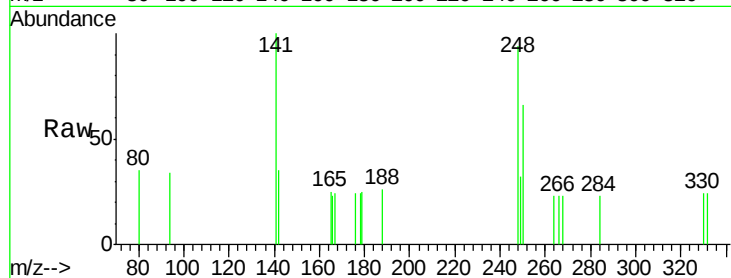
Tgt Ion:248 Resp: 318

Ion Ratio Lower Upper

248 100

250 67.9 54.8 82.2

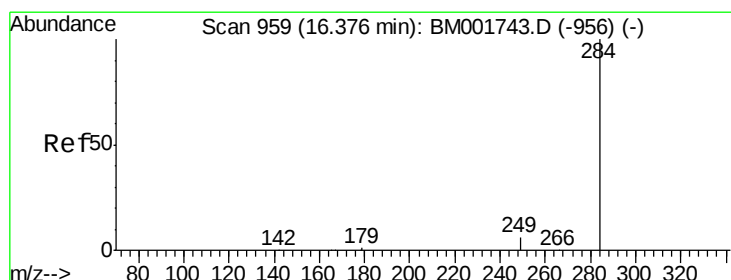
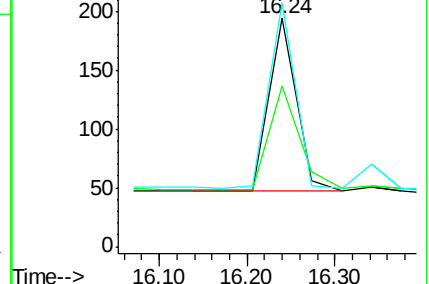
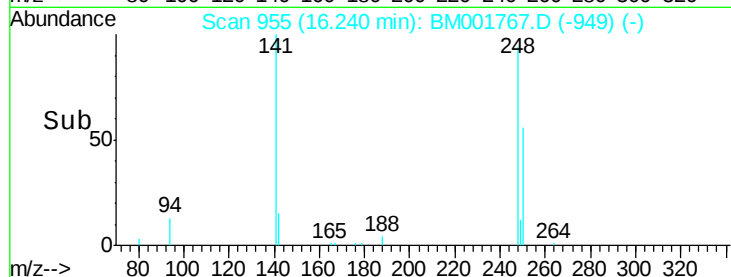
141 103.1 76.2 114.4



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



#20

Hexachlorobenzene

Concen: 0.12 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

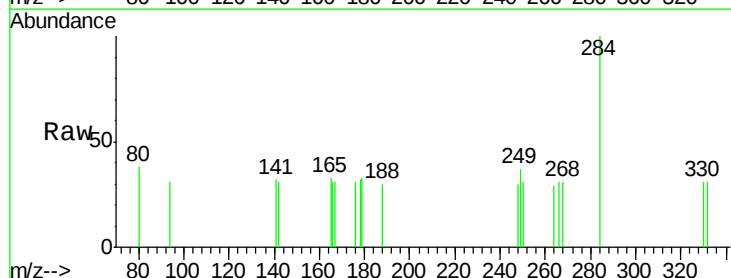
Tgt Ion:284 Resp: 251

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

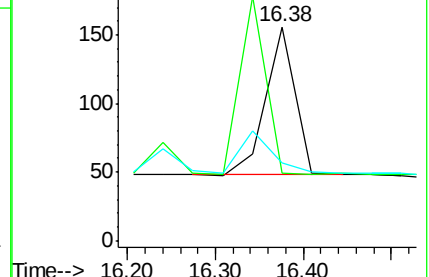
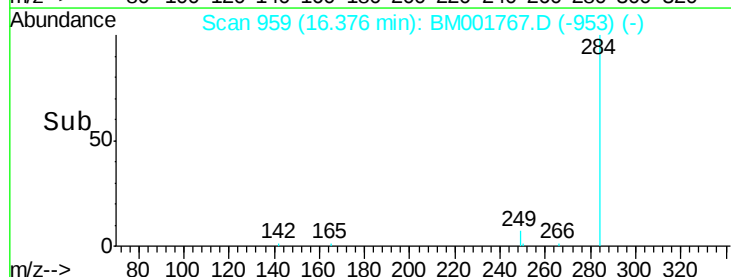
249 0.0 0.0 0.0

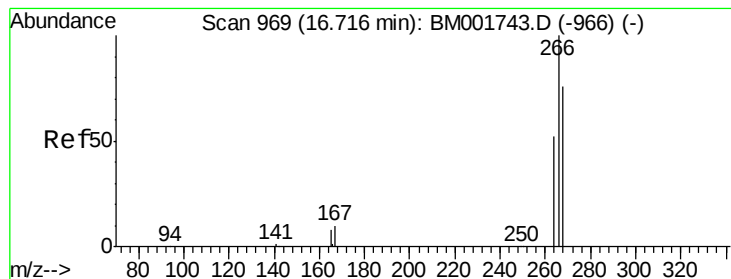


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.10 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

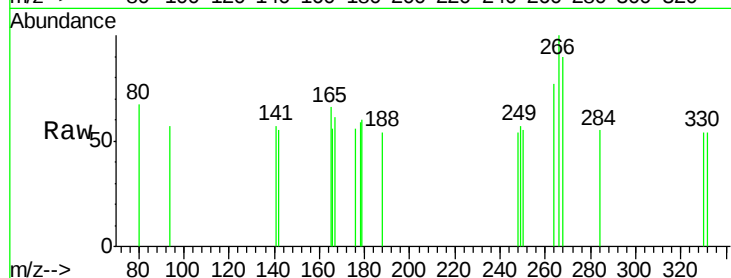
Tgt Ion:266 Resp: 88

Ion Ratio Lower Upper

266 100

268 89.7 63.2 94.8

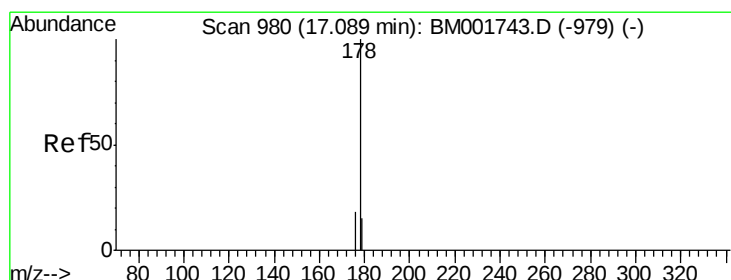
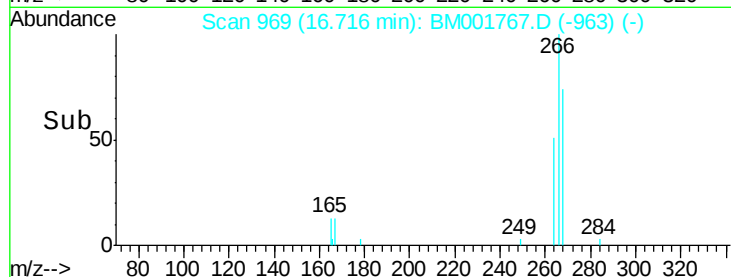
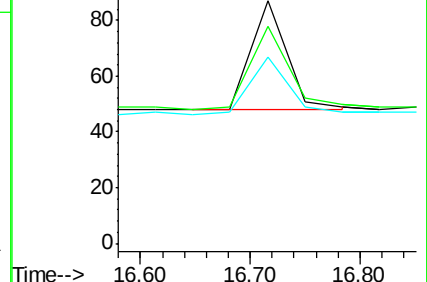
264 77.0 46.2 69.2#



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



#22

Phenanthrene

Concen: 0.11 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

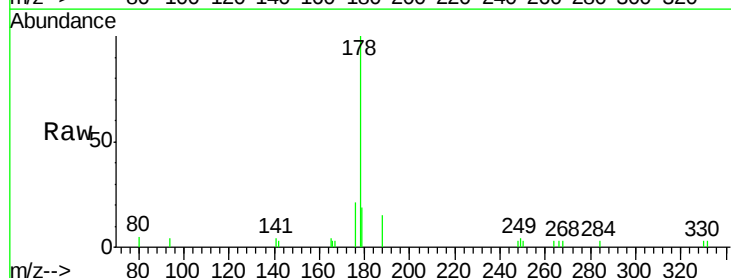
Tgt Ion:178 Resp: 2835

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

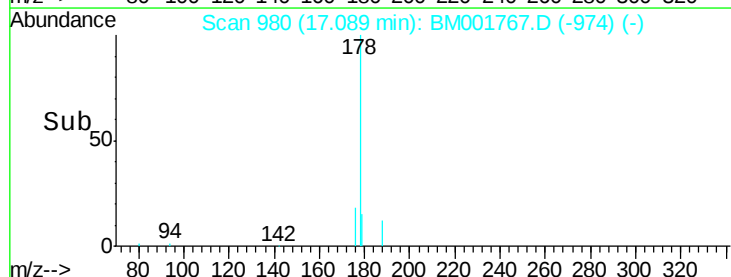
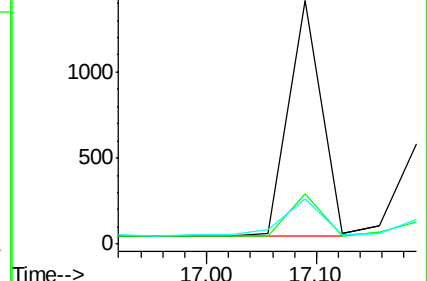
179 17.8 12.6 19.0

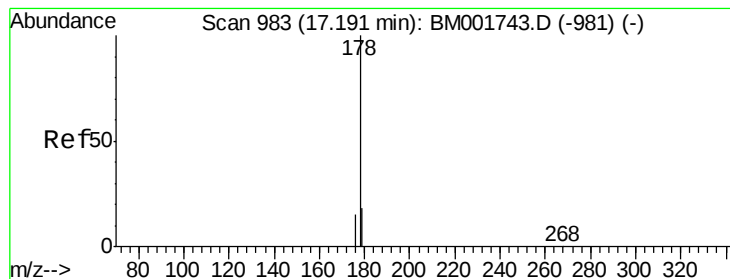


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.10 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

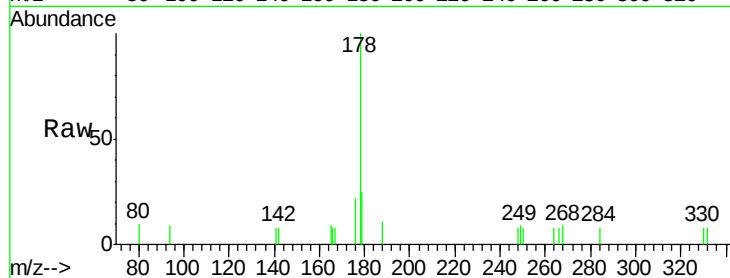
Tgt Ion:178 Resp: 1091

Ion Ratio Lower Upper

178 100

176 15.1 10.0 15.0#

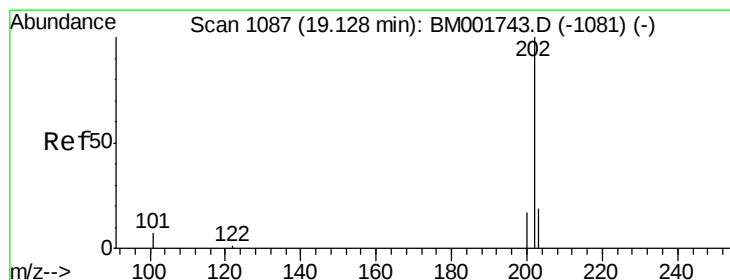
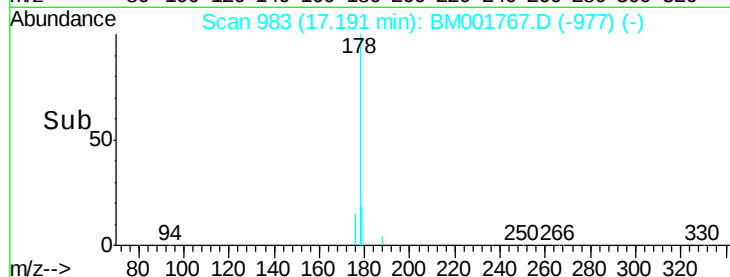
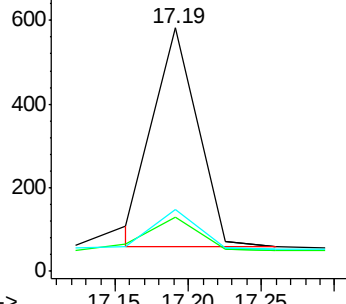
179 17.8 12.3 18.5



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



#24

Fluoranthene

Concen: 0.12 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

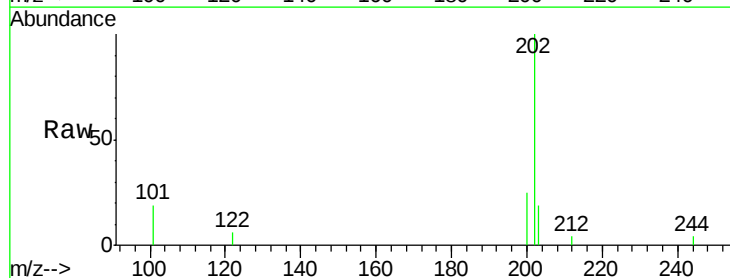
Tgt Ion:202 Resp: 1873

Ion Ratio Lower Upper

202 100

101 12.8 10.8 16.2

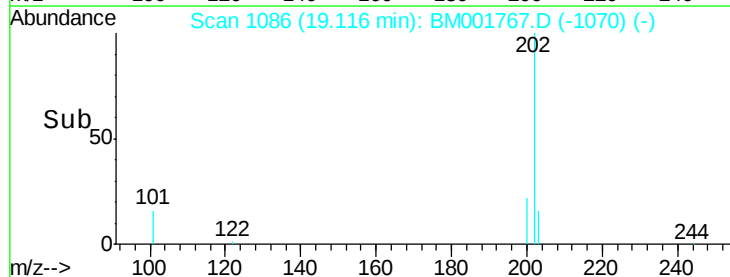
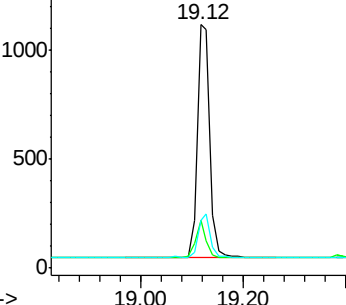
203 17.5 13.8 20.6

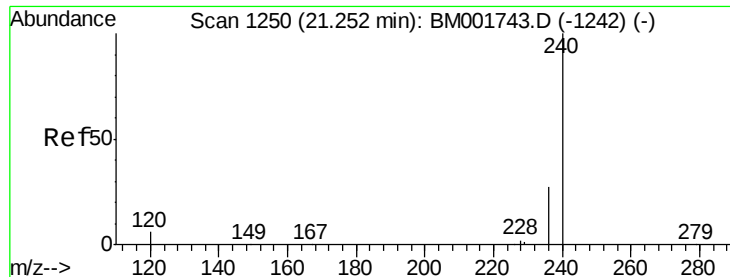


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

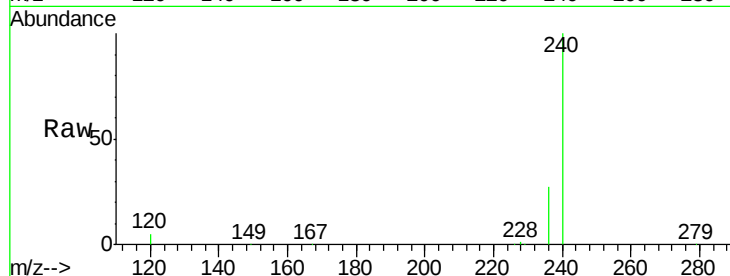
Tgt Ion:240 Resp: 47619

Ion Ratio Lower Upper

240 100

120 5.4 4.7 7.1

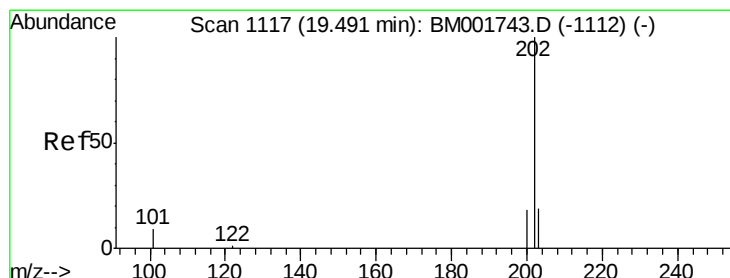
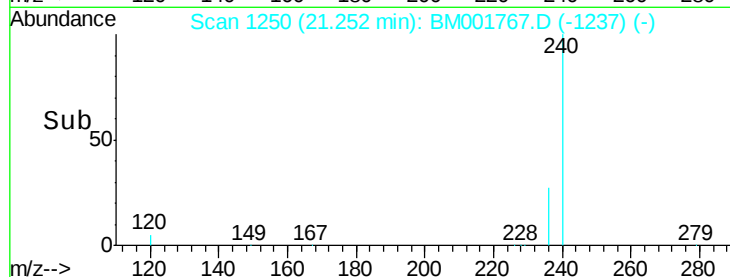
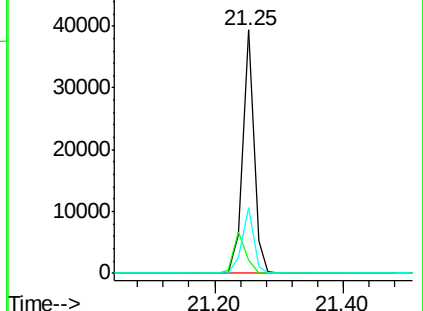
236 26.8 21.6 32.4



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



#26

Pyrene

Concen: 0.12 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

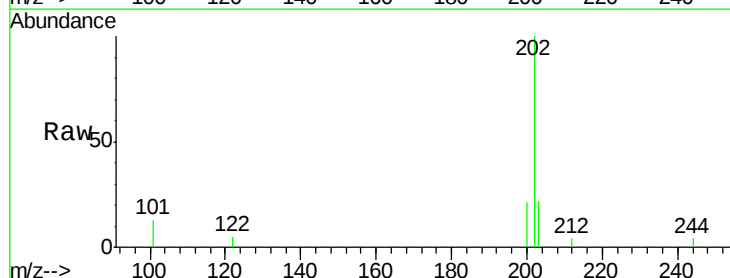
Tgt Ion:202 Resp: 1939

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

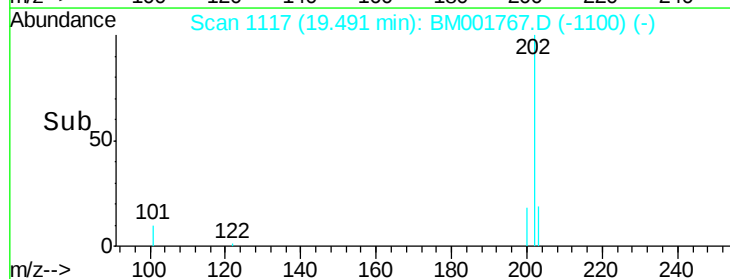
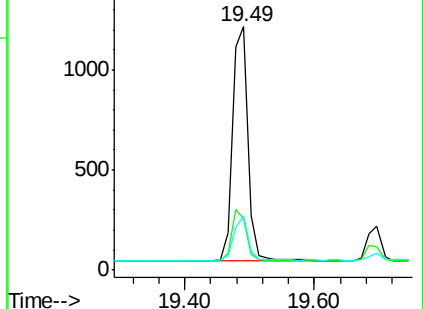
203 18.2 13.9 20.9

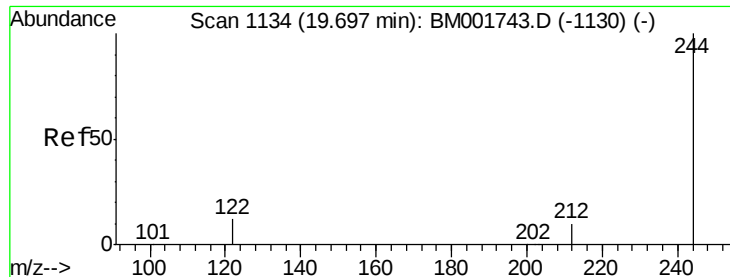


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

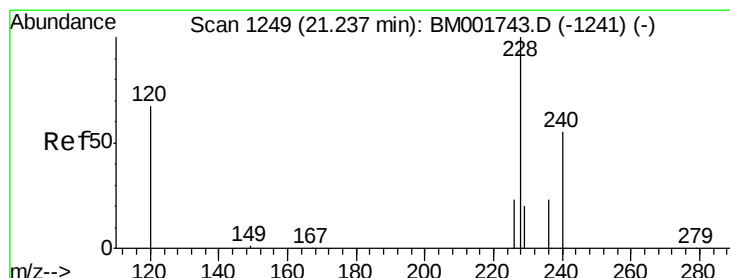
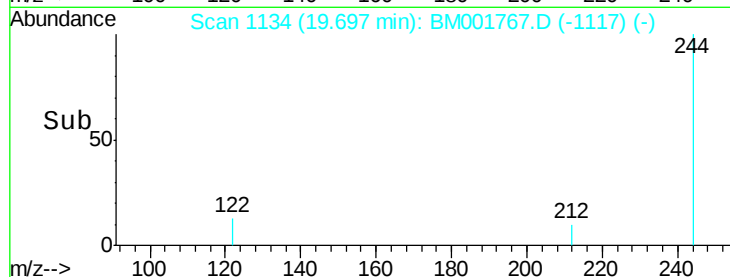
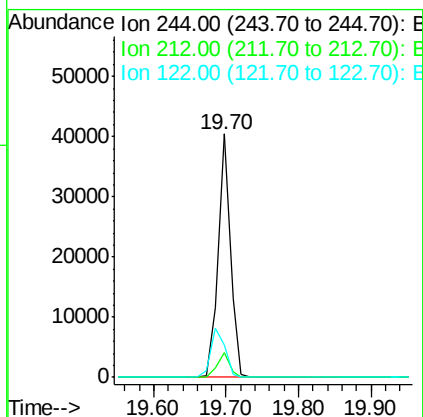
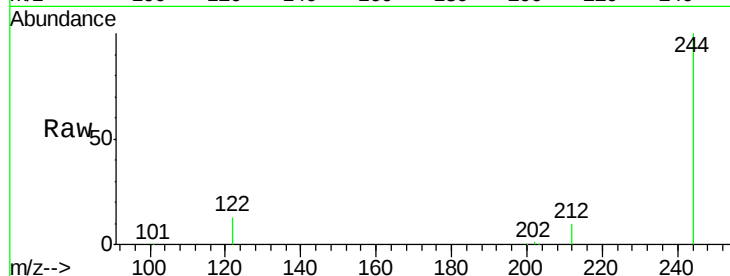




#27
 Terphenyl-d14
 Concen: 6.85 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

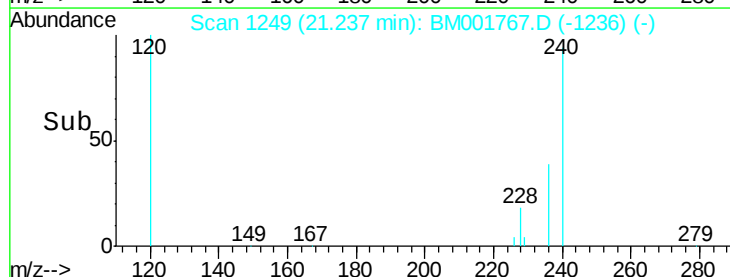
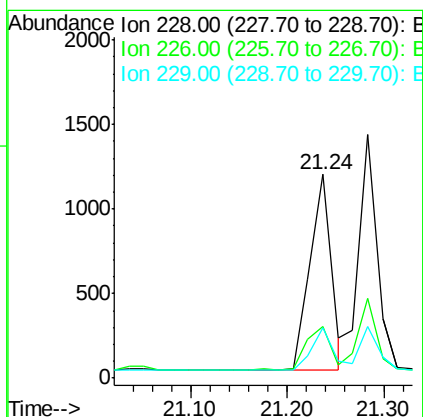
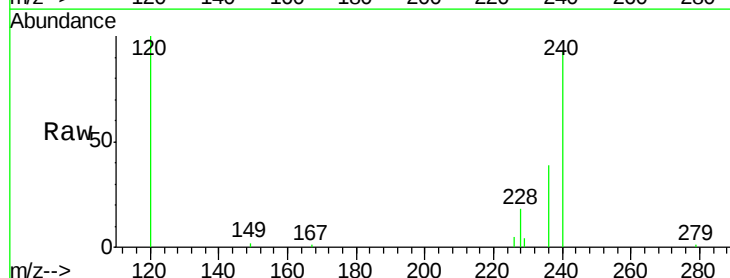
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

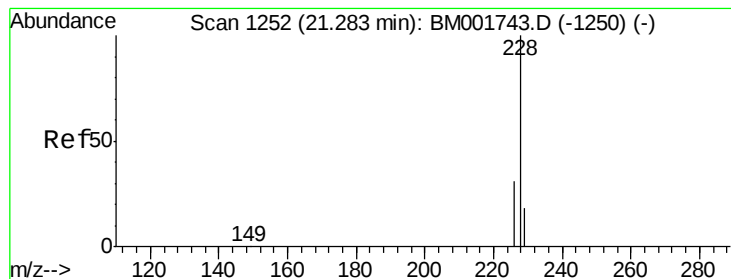
Tgt Ion:244 Resp: 48034
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.6 13.0
 122 13.3 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.12 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Tgt Ion:228 Resp: 1764
 Ion Ratio Lower Upper
 228 100
 226 25.3 18.9 28.3
 229 24.5 16.6 25.0





#29

Chrysene

Concen: 0.12 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

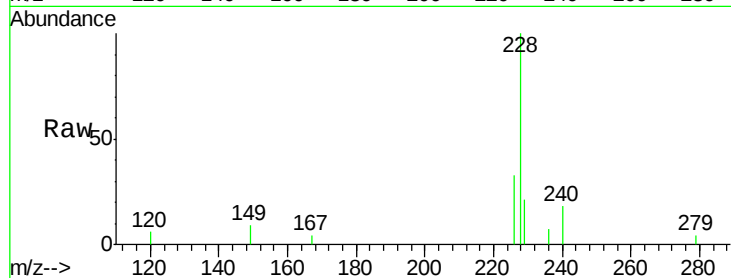
Tgt Ion:228 Resp: 1828

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

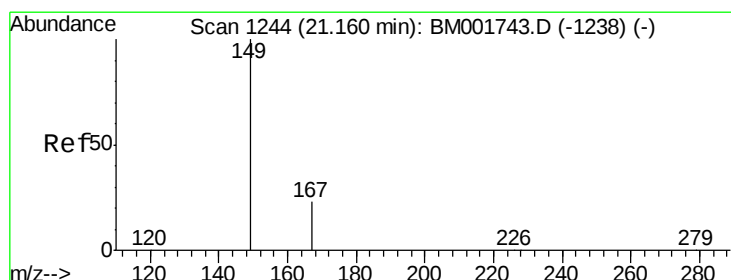
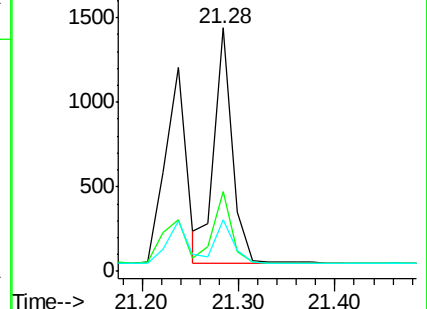
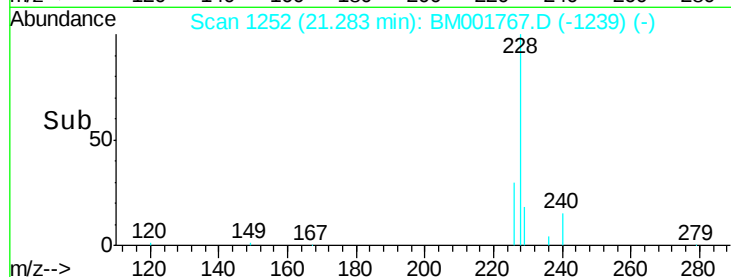
229 21.1 15.0 22.6



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

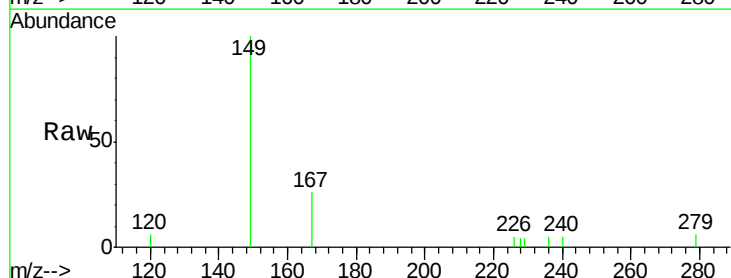
Tgt Ion:149 Resp: 1090

Ion Ratio Lower Upper

149 100

167 25.5 19.7 29.5

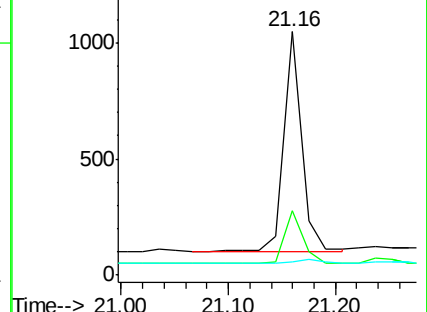
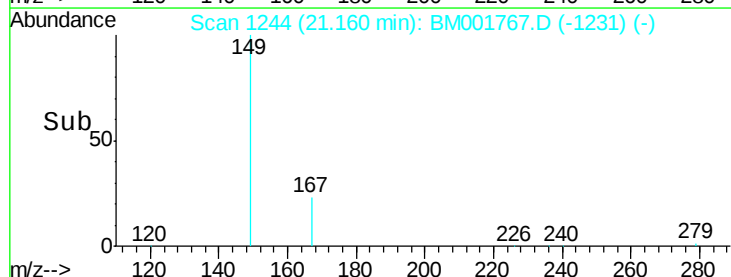
279 2.5 1.6 2.4#

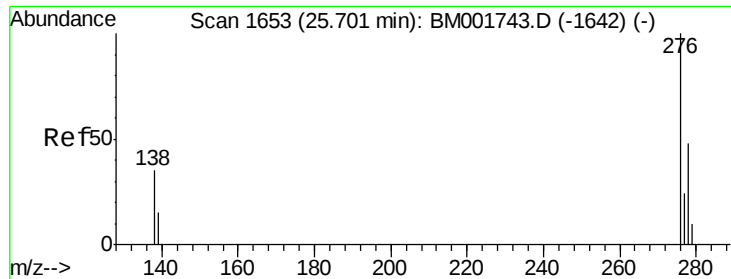


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

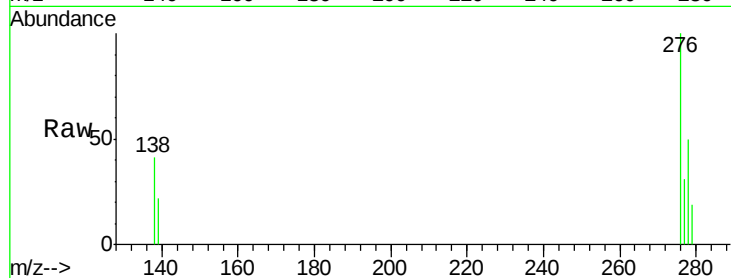
Tgt Ion:276 Resp: 1674

Ion Ratio Lower Upper

276 100

138 35.5 29.0 43.6

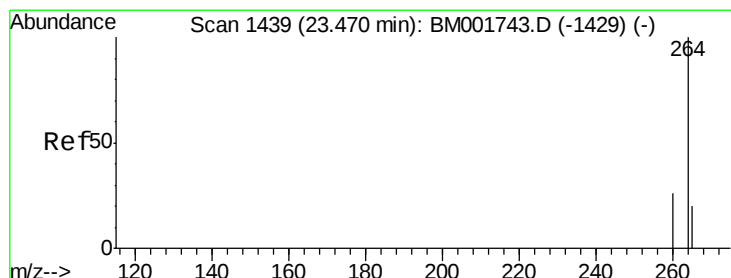
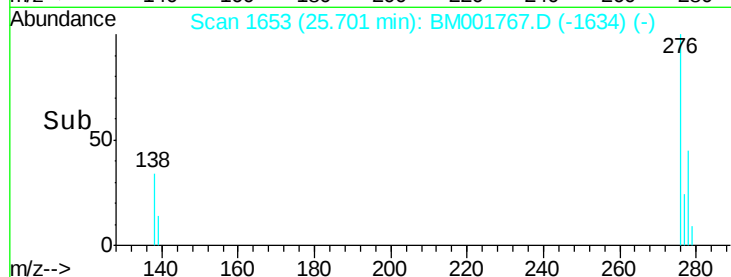
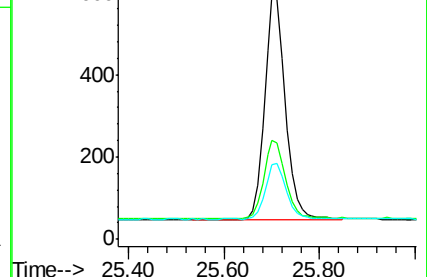
277 25.0 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

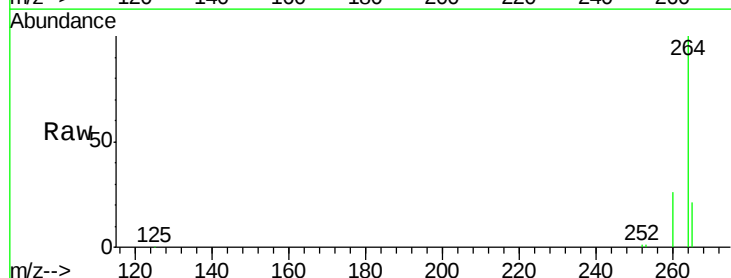
Tgt Ion:264 Resp: 42816

Ion Ratio Lower Upper

264 100

260 26.4 20.8 31.2

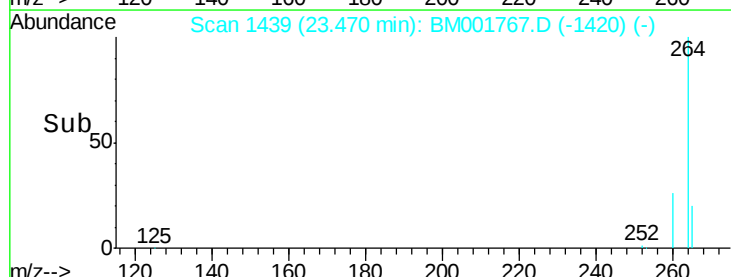
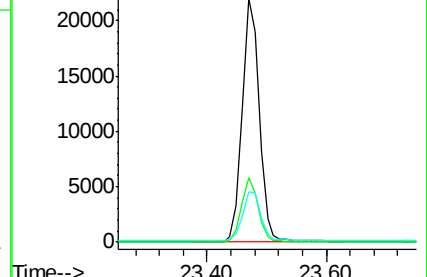
265 20.8 16.8 25.2

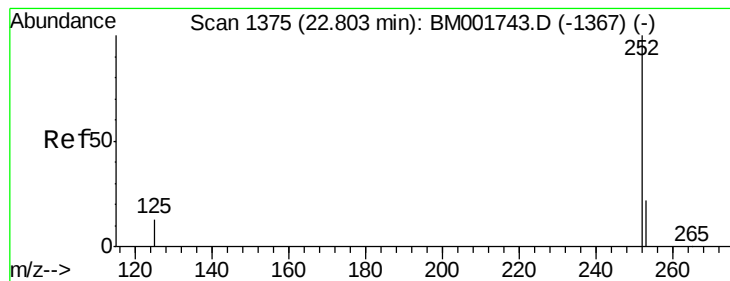


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

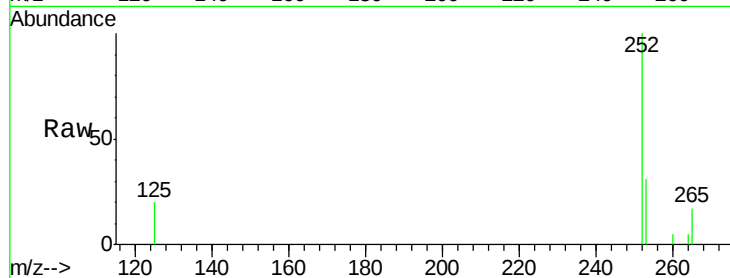
Tgt Ion:252 Resp: 1691

Ion Ratio Lower Upper

252 100

253 31.3 19.0 28.4#

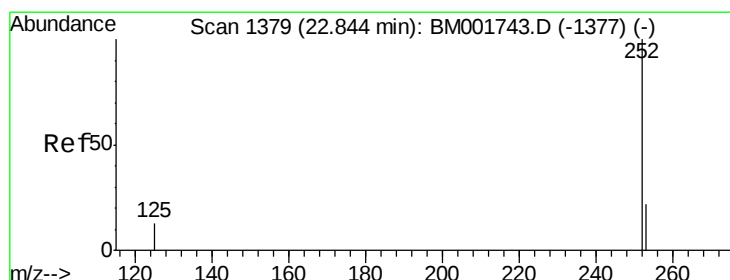
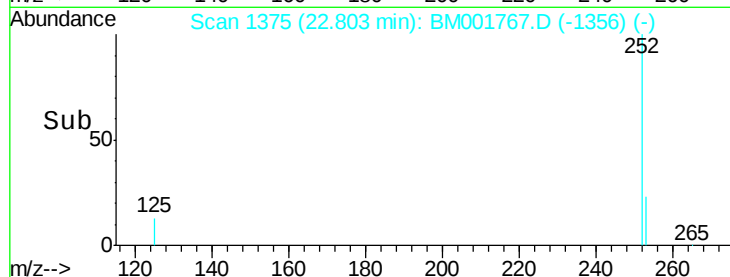
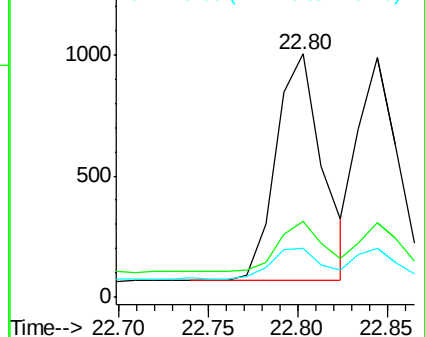
125 19.9 11.3 16.9#



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



#34

Benzo(k)fluoranthene

Concen: 0.12 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

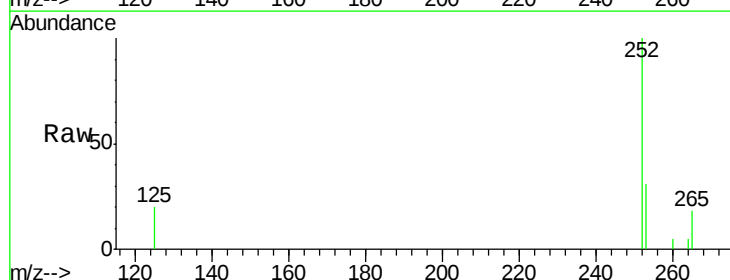
Tgt Ion:252 Resp: 1467

Ion Ratio Lower Upper

252 100

253 31.2 18.2 27.4#

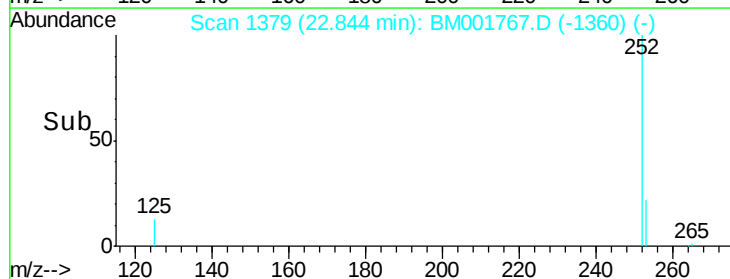
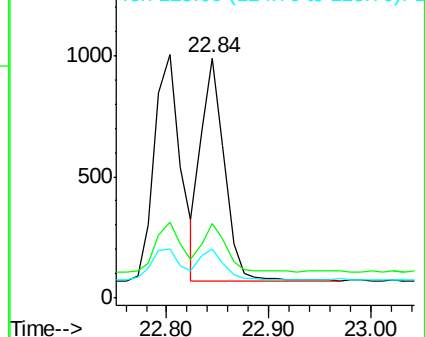
125 20.2 11.8 17.6#



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





#35

Benzo(a)pyrene

Concen: 0.12 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

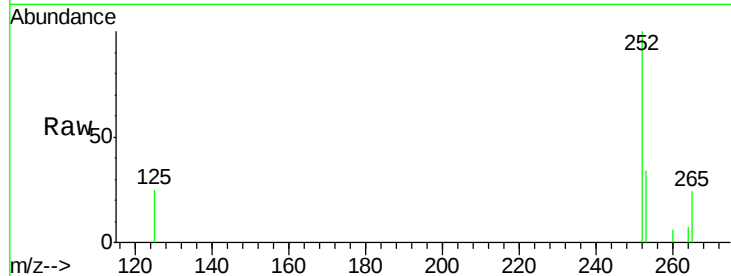
Tgt Ion: 252 Resp: 1415

Ion Ratio Lower Upper

252 100

253 33.8 17.9 26.9#

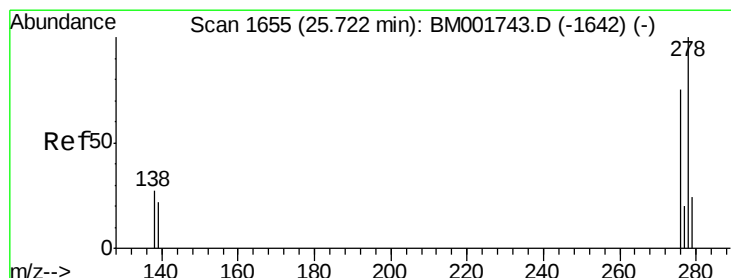
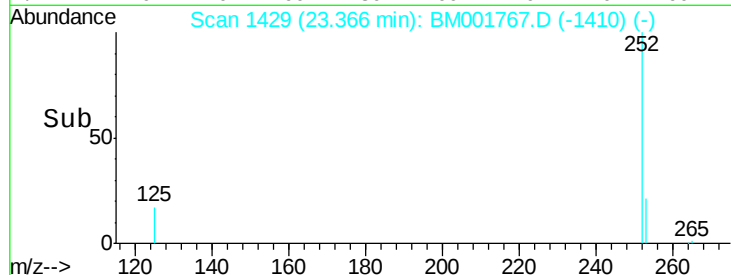
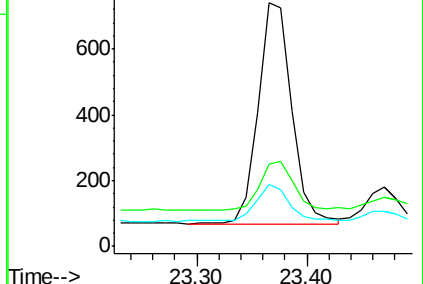
125 25.4 14.1 21.1#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001767.D

Acq: 19 Jun 2015 18:15

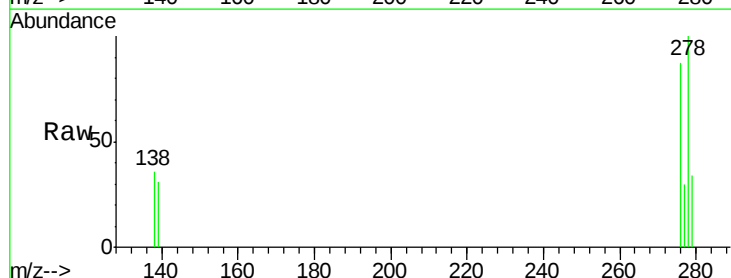
Tgt Ion: 278 Resp: 1341

Ion Ratio Lower Upper

278 100

139 30.7 18.4 27.6#

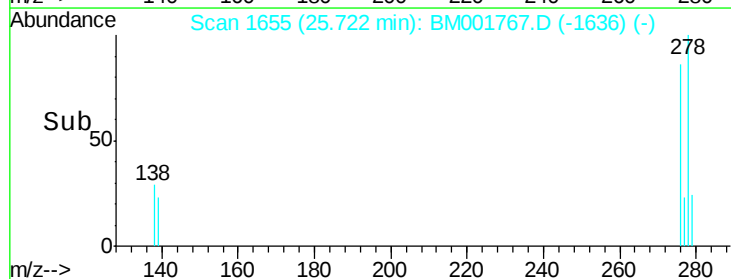
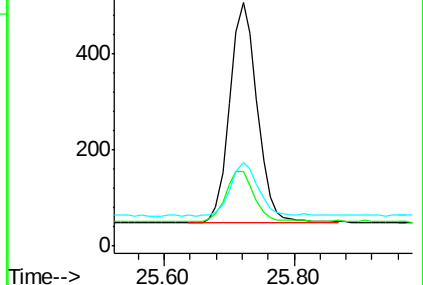
279 34.5 19.8 29.8#



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

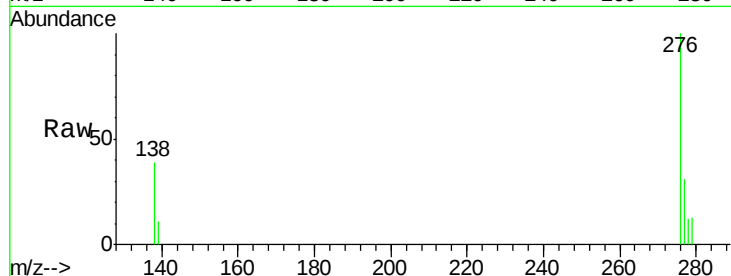




#37
 Benzo(g,h,i)perylene
 Concen: 0.12 ng
 RT: 26.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM001767.D
 Acq: 19 Jun 2015 18:15

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion: 276 Resp: 1521
 Ion Ratio Lower Upper
 276 100
 277 30.8 19.3 28.9#
 138 38.6 24.7 37.1#



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

