

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091622.D
 Acq On : 11 Apr 2016 11:17
 Operator : UM/SJ
 Sample : H1824-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Quant Time: Apr 12 01:44:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	50125	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	234855	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	136119	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	343667	5.00	ng	0.00
26) Chrysene-d12	21.31	240	425520	5.00	ng	0.00
35) Perylene-d12	23.76	264	382692	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	90736	7.59	ng	0.00
5) Phenol-d6	6.97	99	128375	8.05	ng	0.00
8) Nitrobenzene-d5	8.96	82	50462	3.70	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	36309	7.31	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	164062	4.33	ng	0.00
29) Terphenyl-d14	19.76	244	270596	5.09	ng	0.00

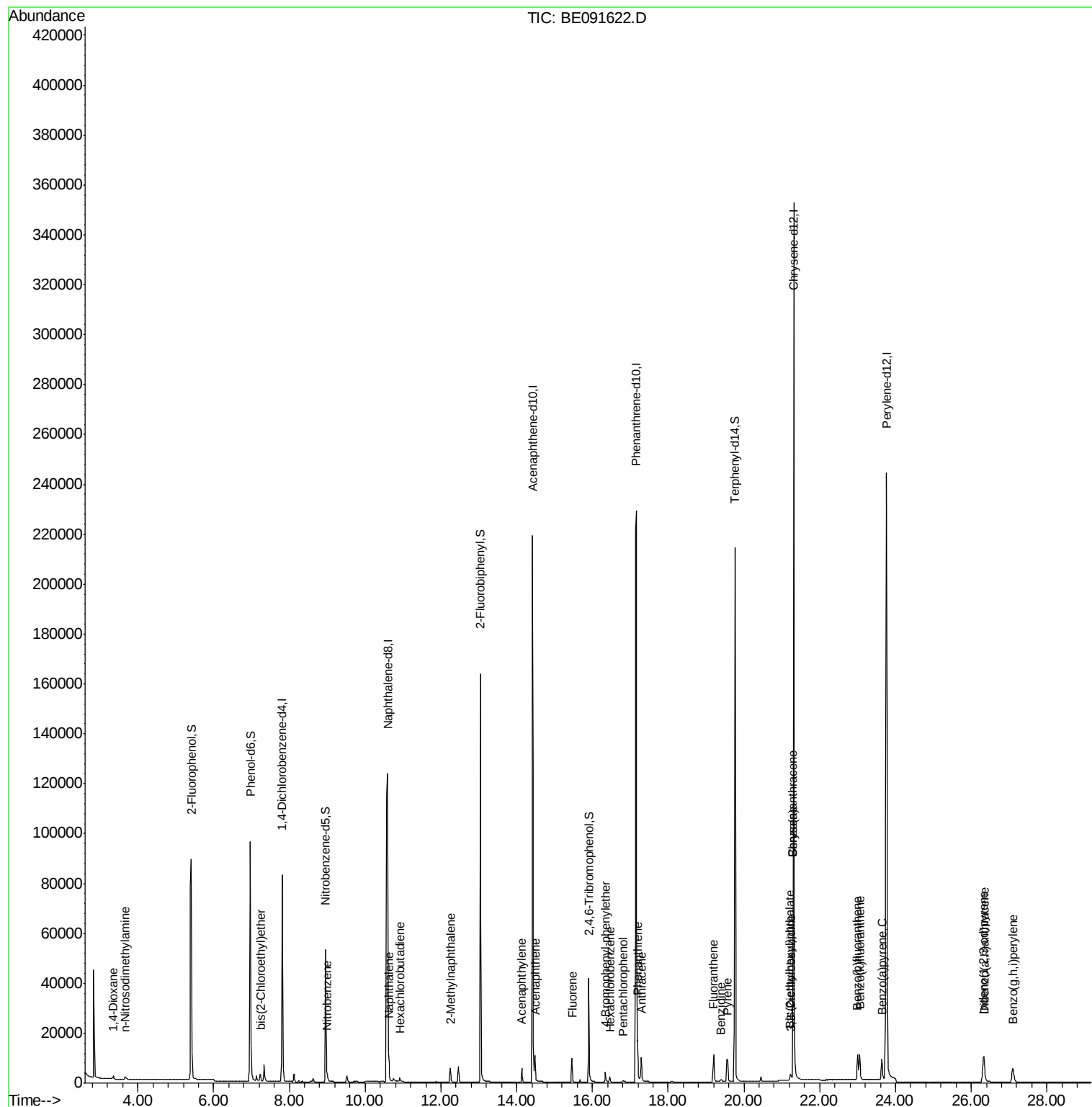
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1138	0.12	ng	86
3) n-Nitrosodimethylamine	3.66	42	1092	0.14	ng	97
6) bis(2-Chloroethyl)ether	7.23	93	2204	0.16	ng	# 75
9) Nitrobenzene	9.00	77	2455	0.31	ng	# 96
10) Naphthalene	10.63	128	8237	0.17	ng	99
11) Hexachlorobutadiene	10.92	225	1641	0.23	ng	# 81
12) 2-Methylnaphthalene	12.25	142	5259	0.17	ng	90
16) Acenaphthylene	14.14	152	8396	0.16	ng	# 72
17) Acenaphthene	14.49	154	5680	0.17	ng	86
18) Fluorene	15.47	166	6869	0.16	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	2042	0.17	ng	95
21) Hexachlorobenzene	16.46	284	2211	0.18	ng	98
22) Pentachlorophenol	16.81	266	496	0.30	ng	99
23) Phenanthrene	17.19	178	14562	0.19	ng	98
24) Anthracene	17.29	178	11726	0.17	ng	99
25) Fluoranthene	19.21	202	13851	0.17	ng	97
27) Benzdine	19.40	184	2685	0.39	ng	# 88
28) Pyrene	19.57	202	14195	0.17	ng	99
30) Benzo(a)anthracene	21.29	228	37995	0.40	ng	100
31) 3,3'-Dichlorobenzidine	21.24	252	2207	0.19	ng	# 88
32) Chrysene	21.29	228	38290	0.44	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	3015	0.31	ng	# 81
34) Indeno(1,2,3-cd)pyrene	26.32	276	17095	0.18	ng	97
36) Benzo(b)fluoranthene	23.00	252	17502	0.20	ng	98
37) Benzo(k)fluoranthene	23.06	252	14351	0.16	ng	96
38) Benzo(a)pyrene	23.65	252	14271	0.17	ng	95
39) Dibenzo(a,h)anthracene	26.34	278	14016	0.17	ng	97
40) Benzo(g,h,i)perylene	27.10	276	14637	0.17	ng	96

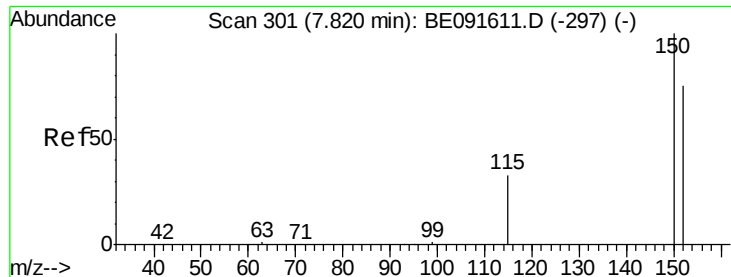
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091622.D
 Acq On : 11 Apr 2016 11:17
 Operator : UM/SJ
 Sample : H1824-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Quant Time: Apr 12 01:44:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

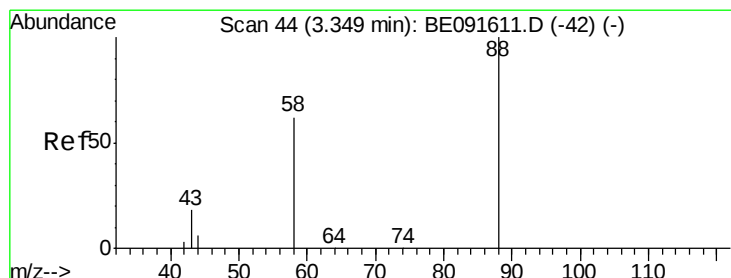
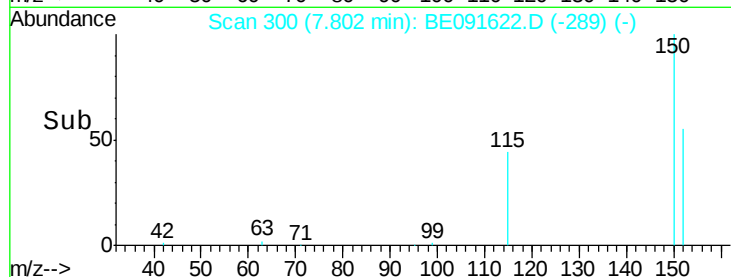
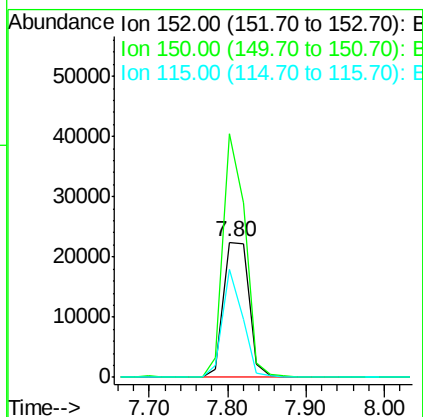
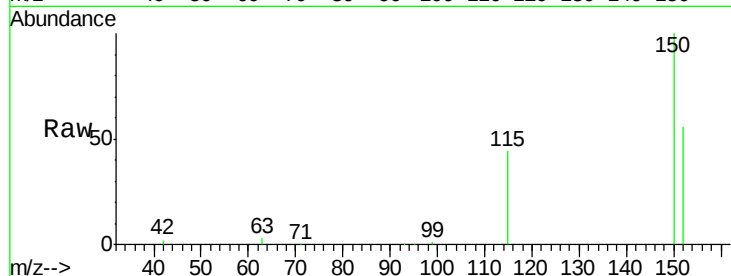




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.80 min Scan# 300
 Delta R.T. -0.02 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

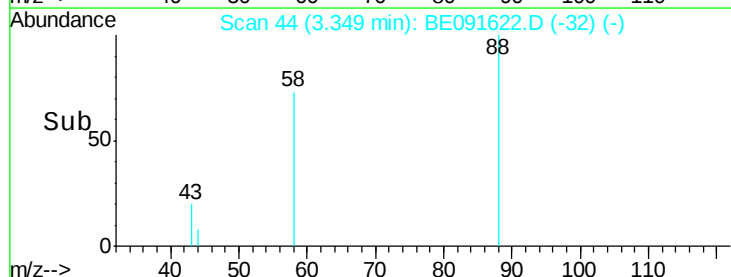
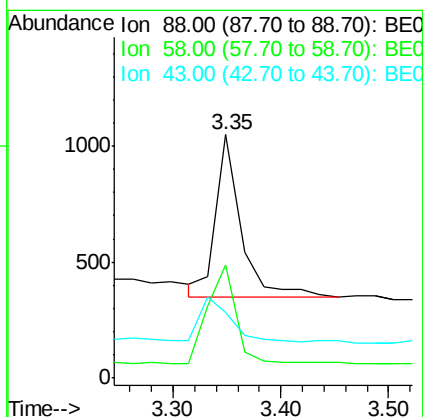
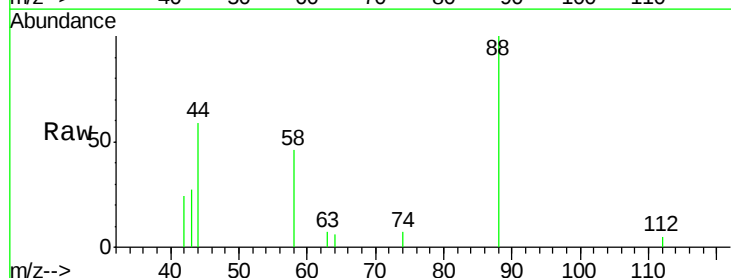
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

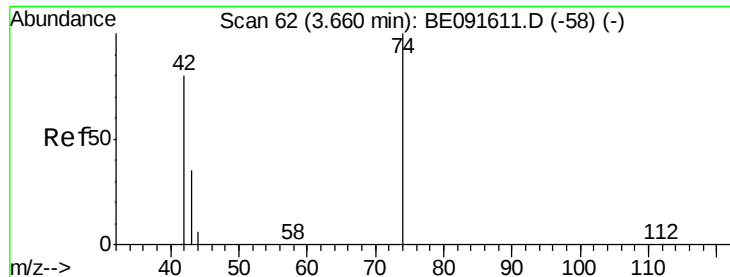
Tgt Ion: 152 Resp: 50125
 Ion Ratio Lower Upper
 152 100
 150 180.0 122.6 183.8
 115 80.0 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.12 ng
 RT: 3.35 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

Tgt Ion: 88 Resp: 1138
 Ion Ratio Lower Upper
 88 100
 58 68.3 65.8 98.6
 43 36.9 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.66 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

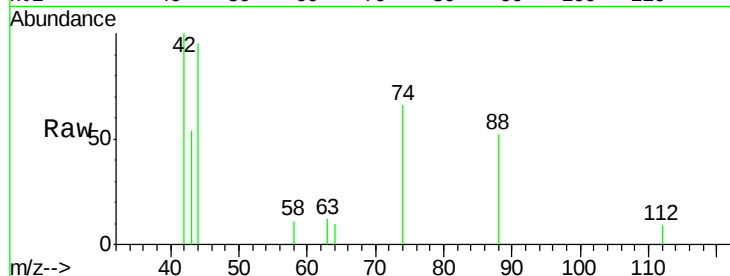
Tgt Ion: 42 Resp: 1092

Ion Ratio Lower Upper

42 100

74 106.7 87.9 131.9

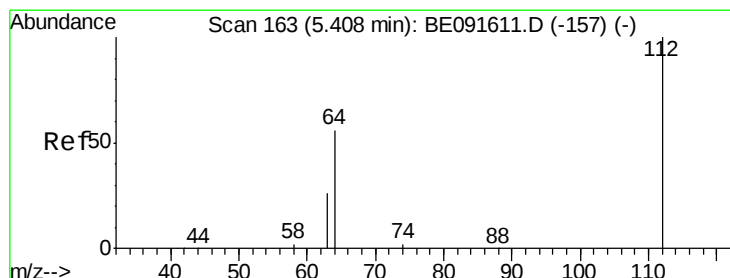
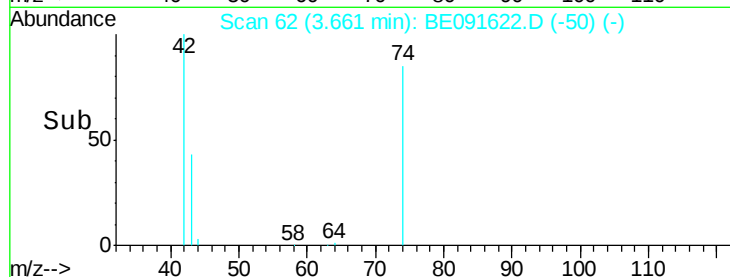
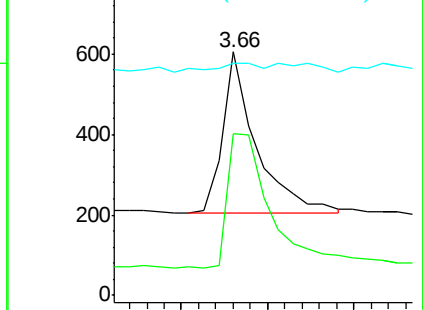
44 6.9 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 7.59 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

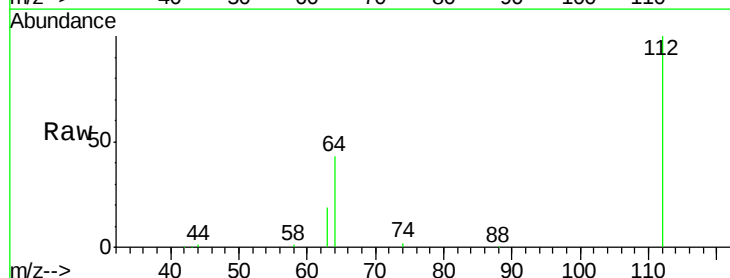
Tgt Ion: 112 Resp: 90736

Ion Ratio Lower Upper

112 100

64 67.7 30.9 46.3#

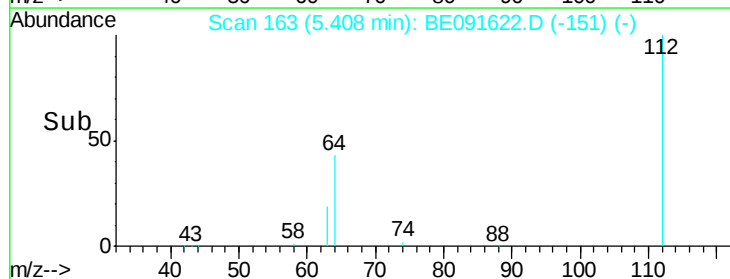
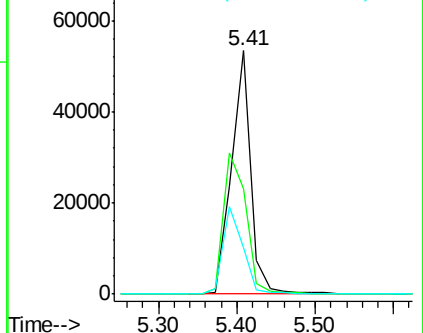
63 36.8 16.7 25.1#

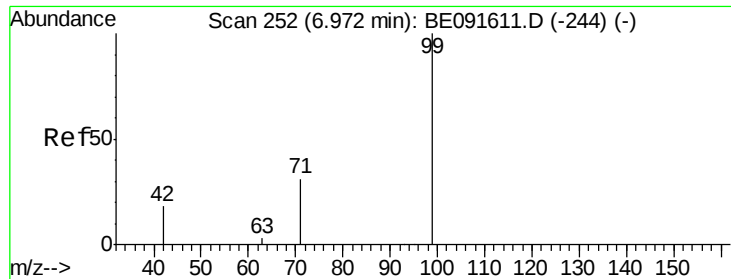


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.05 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

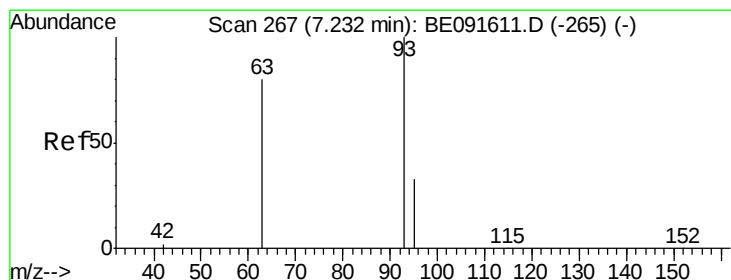
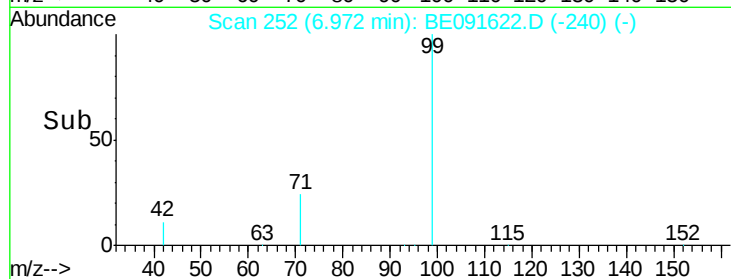
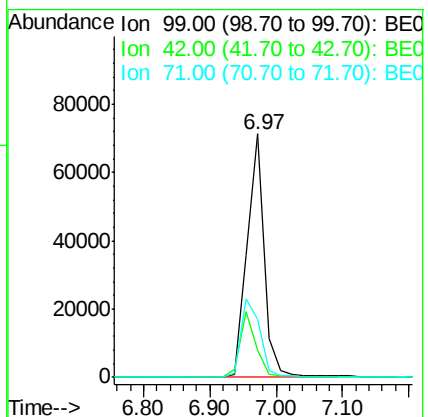
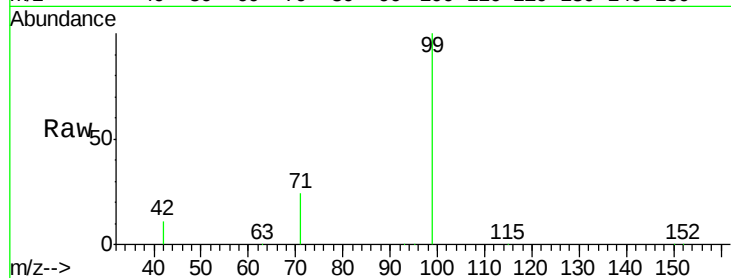
Tgt Ion: 99 Resp: 128375

Ion Ratio Lower Upper

99 100

42 25.3 16.2 24.2#

71 35.9 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

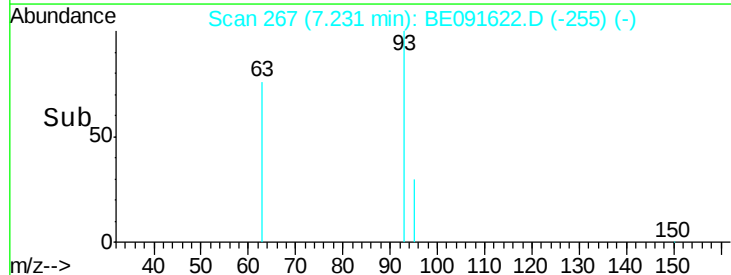
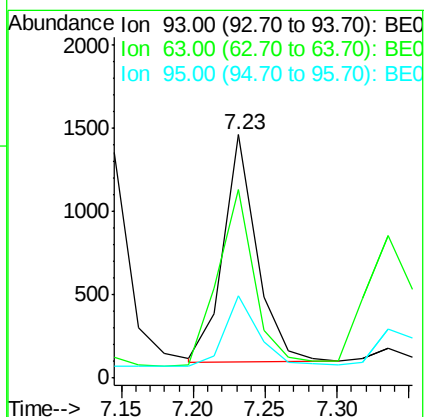
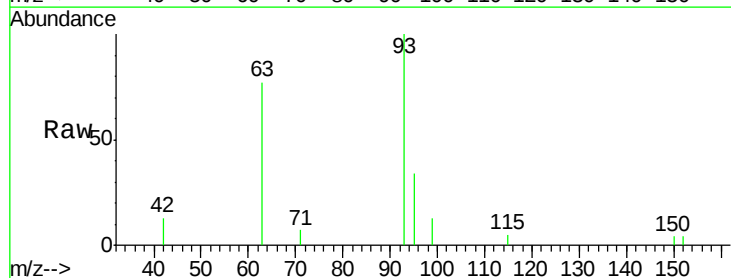
Tgt Ion: 93 Resp: 2204

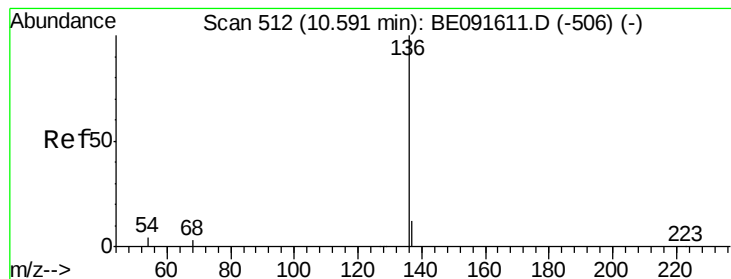
Ion Ratio Lower Upper

93 100

63 86.2 49.5 74.3#

95 32.7 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

Tgt Ion:136 Resp: 234855

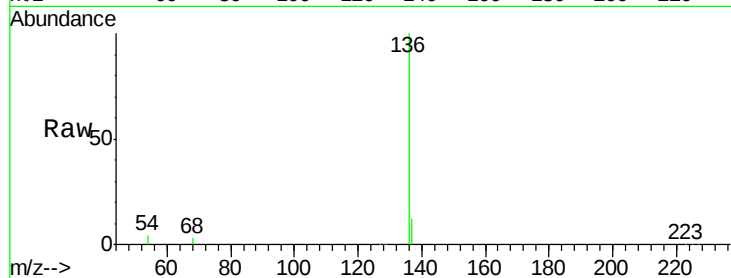
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 3.8 8.2 12.4#

68 3.1 6.2 9.4#

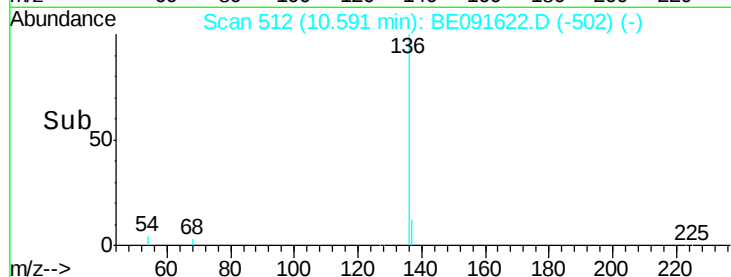


Abundance Ion 136.00 (135.70 to 136.70): E

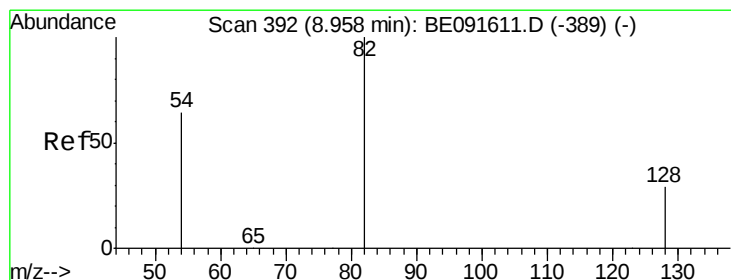
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60 10.70



#8

Nitrobenzene-d5

Concen: 3.70 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

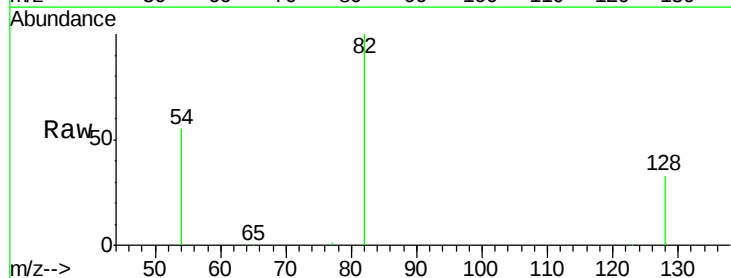
Tgt Ion: 82 Resp: 50462

Ion Ratio Lower Upper

82 100

128 33.3 25.4 38.0

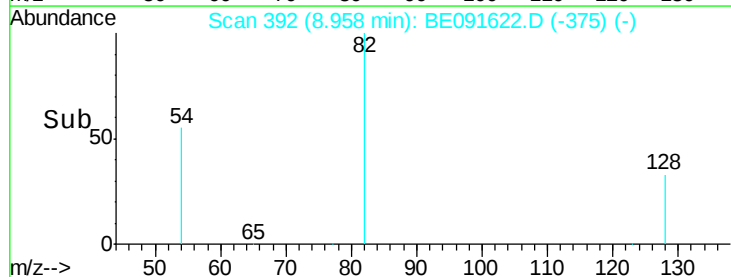
54 54.7 48.4 72.6



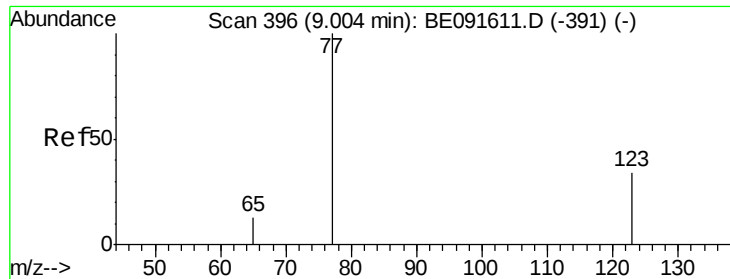
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 9.00 9.10



#9

Nitrobenzene

Concen: 0.31 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

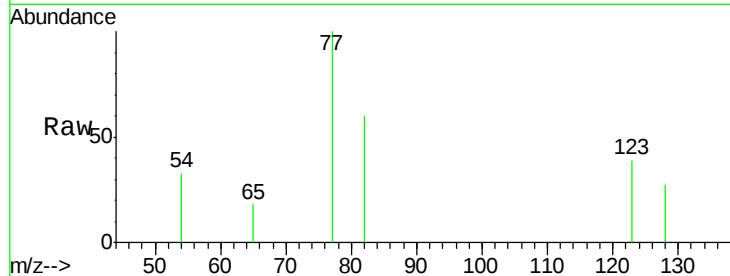
Tgt Ion: 77 Resp: 2455

Ion Ratio Lower Upper

77 100

123 34.2 26.9 40.3

65 17.1 9.4 14.2#

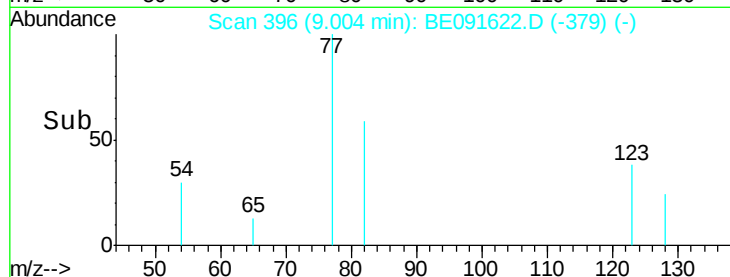


Abundance Ion 77.00 (76.70 to 77.70): BE0

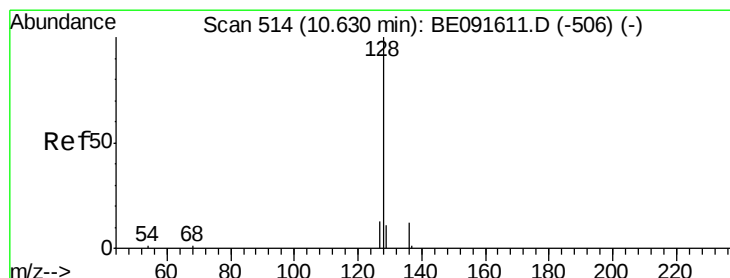
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



Time-->



#10

Naphthalene

Concen: 0.17 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

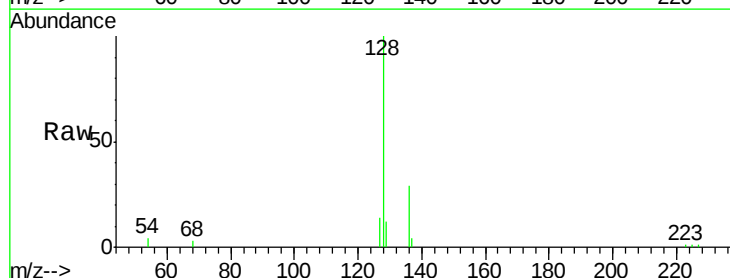
Tgt Ion: 128 Resp: 8237

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

127 13.9 10.7 16.1

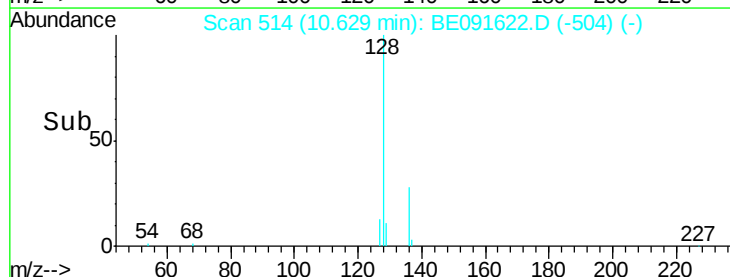


Abundance Ion 128.00 (127.70 to 128.70): E

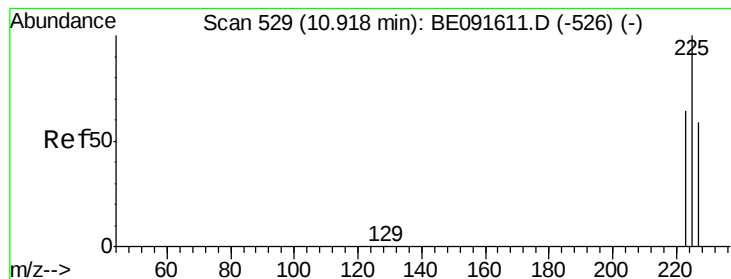
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



Time-->



#11

Hexachlorobutadiene

Concen: 0.23 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

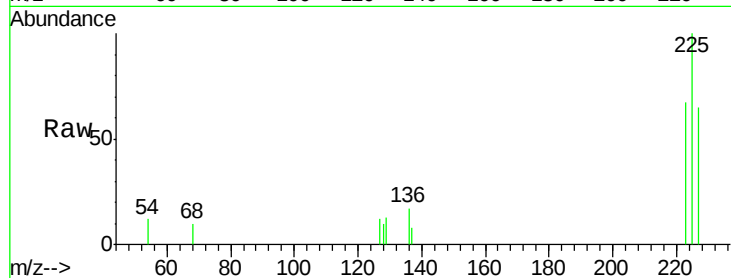
Tgt Ion:225 Resp: 1641

Ion Ratio Lower Upper

225 100

223 74.5 49.0 73.6#

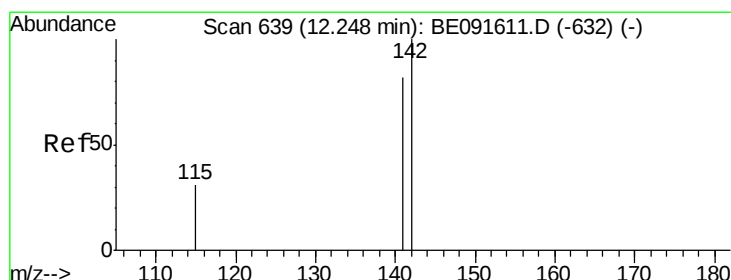
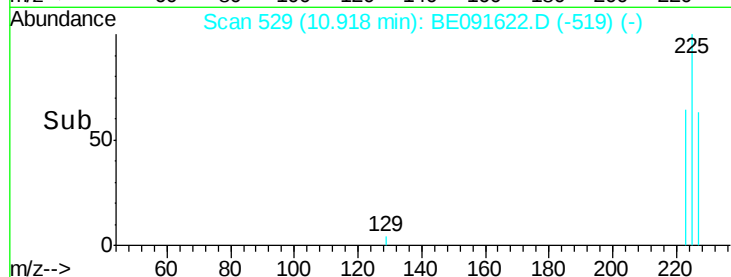
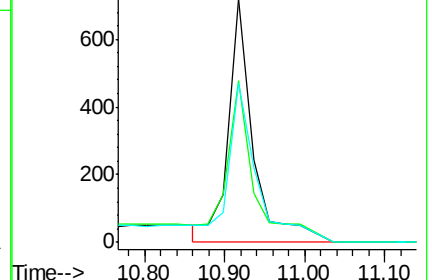
227 78.2 50.3 75.5#



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



#12

2-Methylnaphthalene

Concen: 0.17 ng

RT: 12.25 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

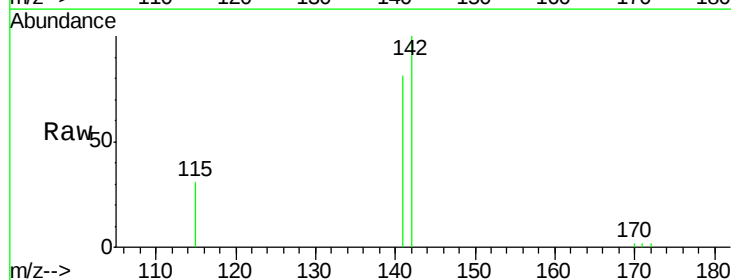
Tgt Ion:142 Resp: 5259

Ion Ratio Lower Upper

142 100

141 80.9 71.4 107.0

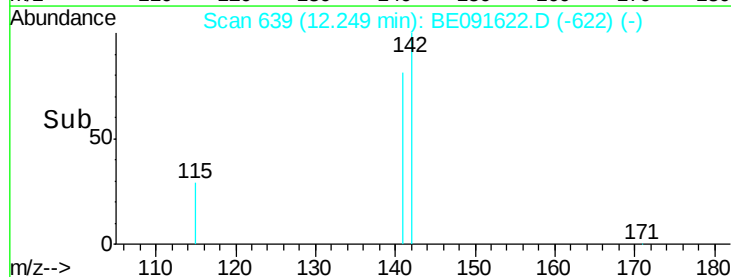
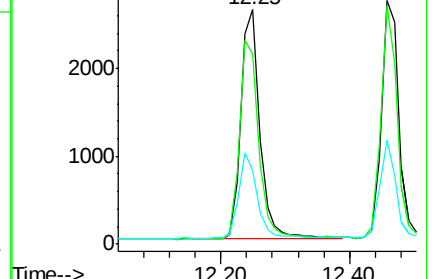
115 31.1 30.3 45.5

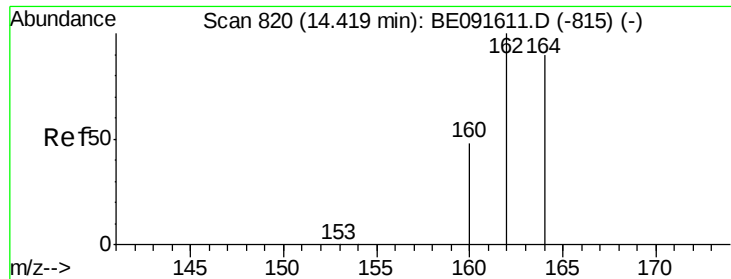


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

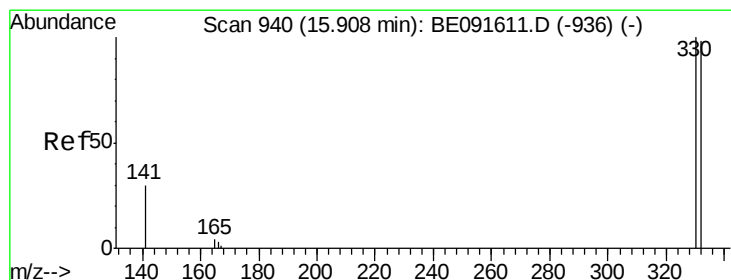
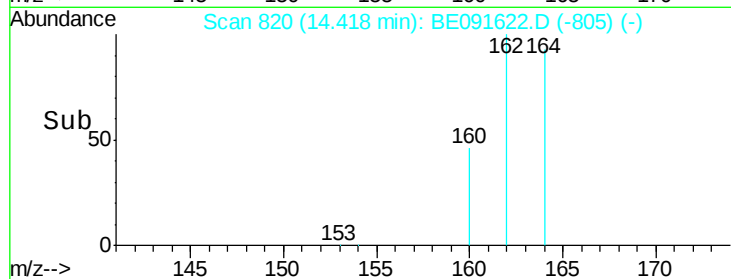
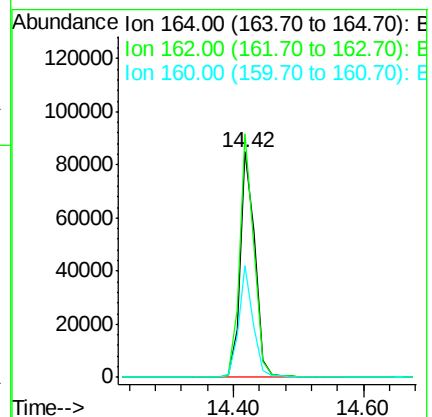
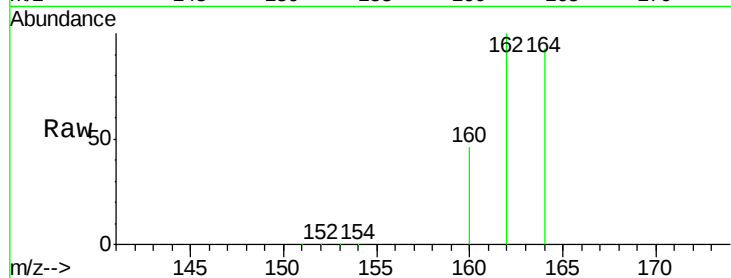
Tgt Ion:164 Resp: 136119

Ion Ratio Lower Upper

164 100

162 108.1 85.3 127.9

160 49.9 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 7.31 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

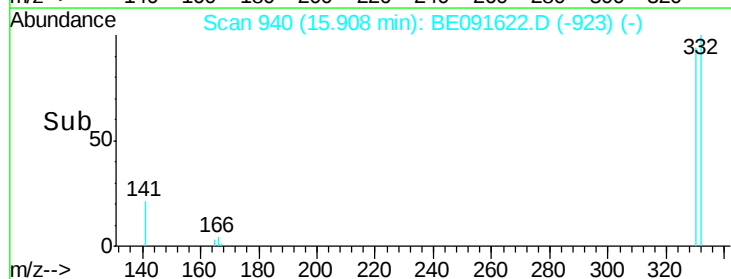
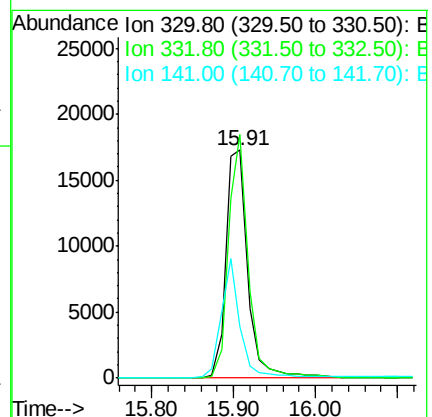
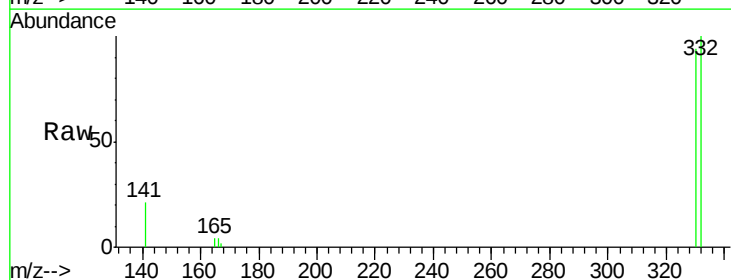
Tgt Ion:330 Resp: 36309

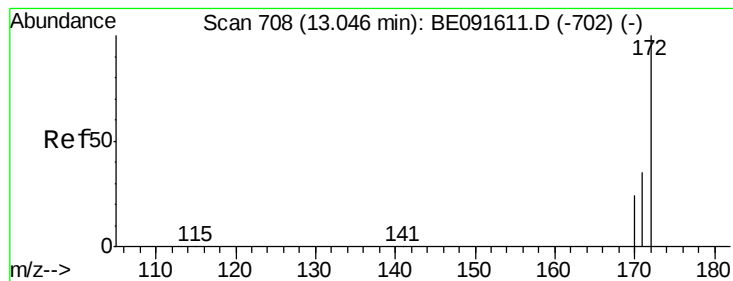
Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

141 43.4 125.4 188.0#

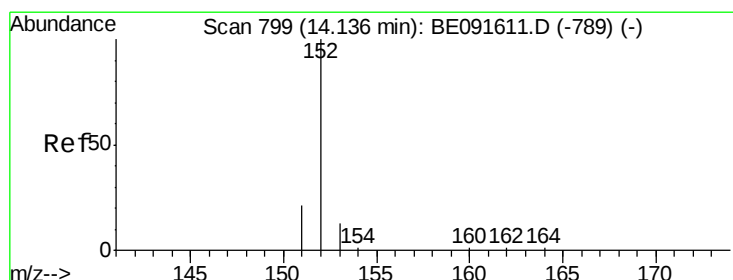
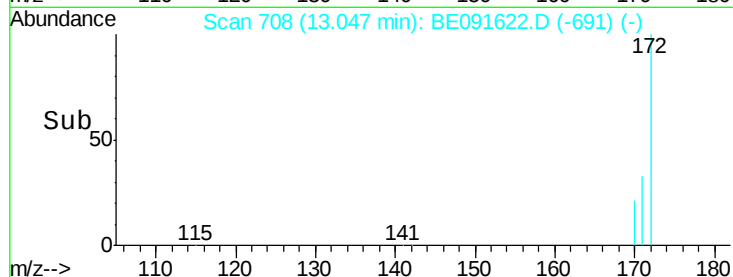
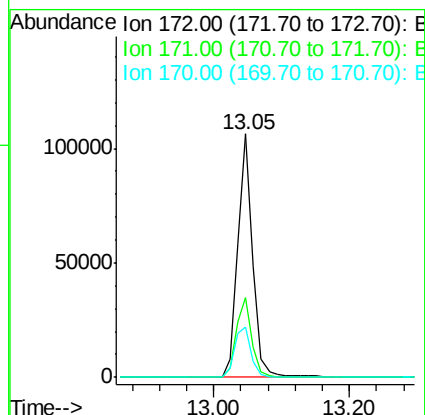
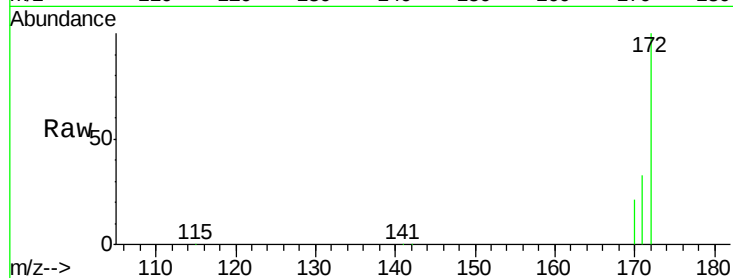




#15
2-Fluorobiphenyl
Concen: 4.33 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

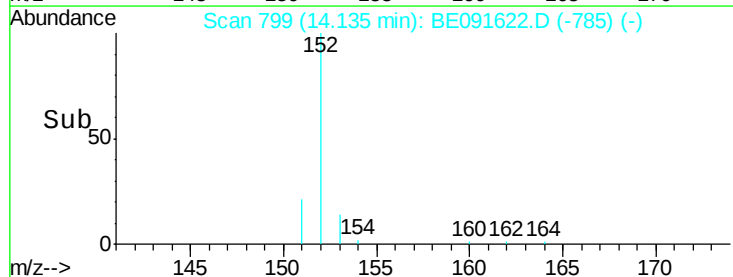
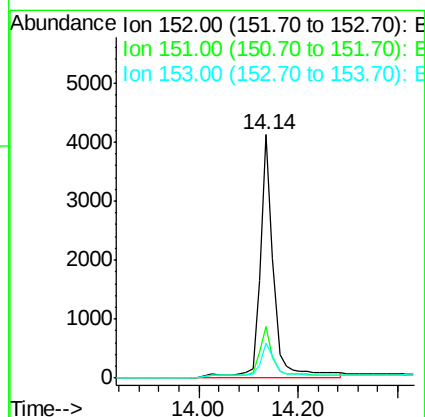
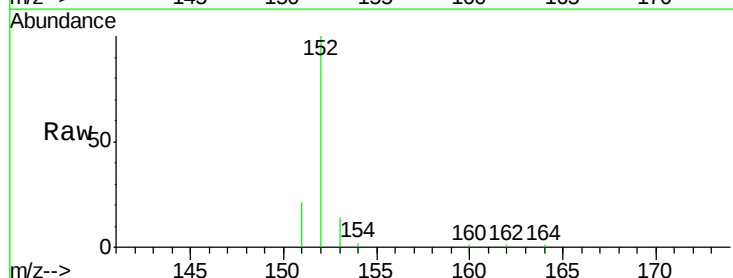
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

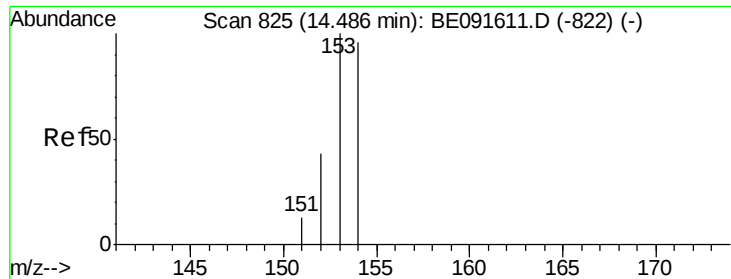
Tgt Ion:172 Resp: 164062
Ion Ratio Lower Upper
172 100
171 32.9 28.8 43.2
170 20.9 19.3 28.9



#16
Acenaphthylene
Concen: 0.16 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

Tgt Ion:152 Resp: 8396
Ion Ratio Lower Upper
152 100
151 18.3 3.9 5.9#
153 22.4 10.3 15.5#

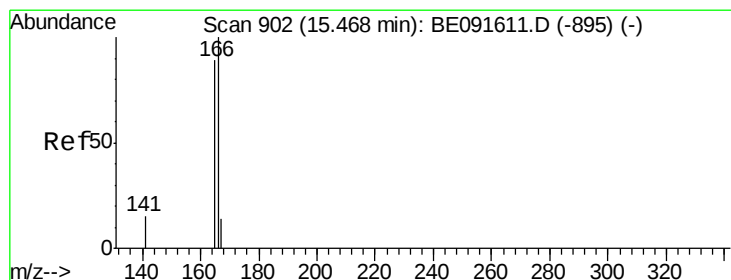
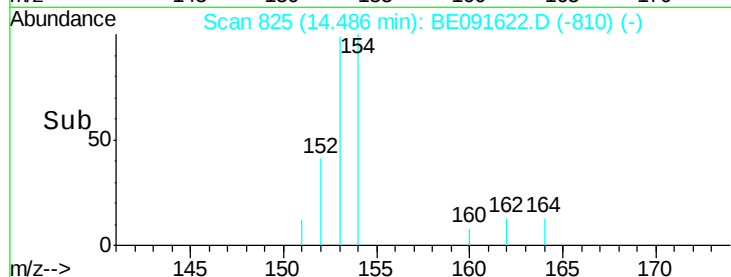
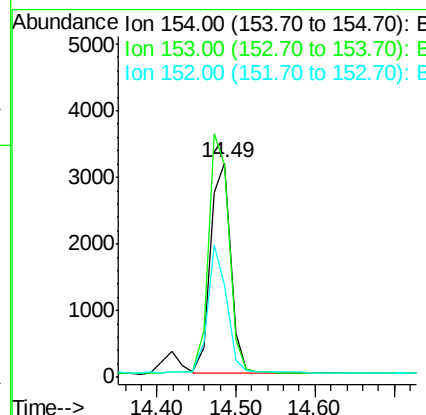
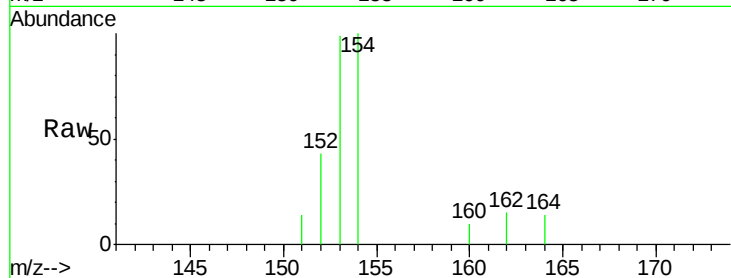




#17
Acenaphthene
Concen: 0.17 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

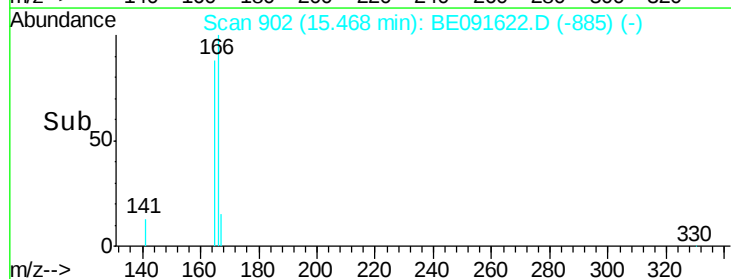
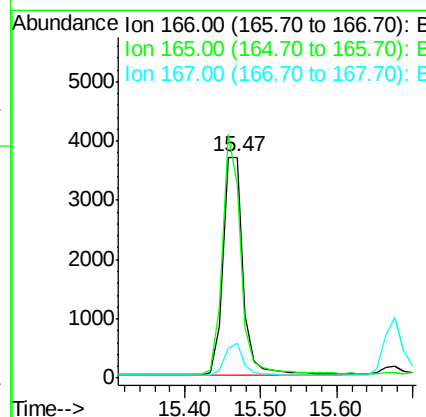
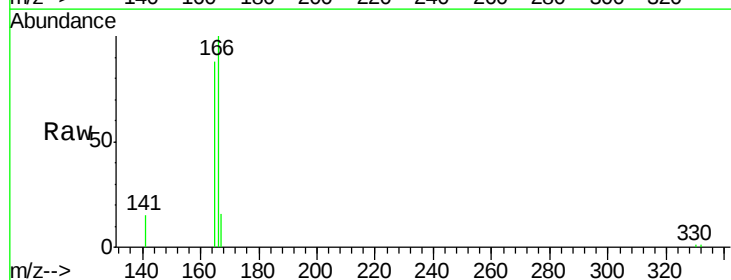
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

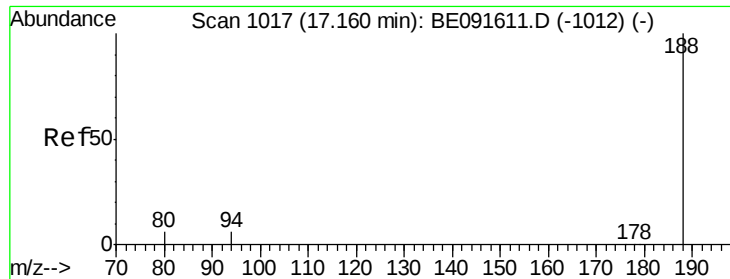
Tgt Ion:154 Resp: 5680
Ion Ratio Lower Upper
154 100
153 116.3 80.0 120.0
152 57.3 40.0 60.0



#18
Fluorene
Concen: 0.16 ng
RT: 15.47 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

Tgt Ion:166 Resp: 6869
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

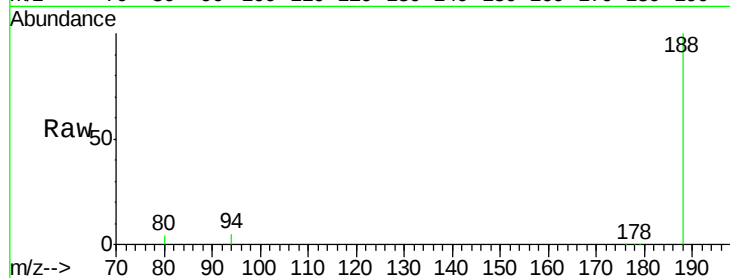
Tgt Ion:188 Resp: 343667

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

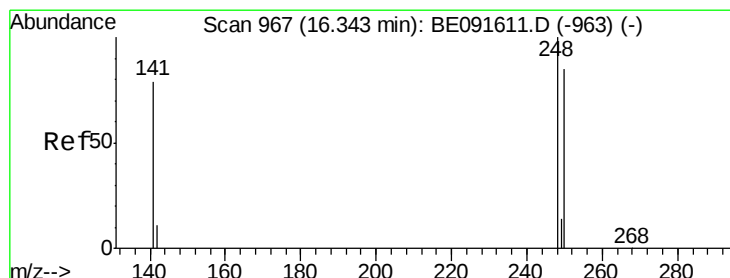
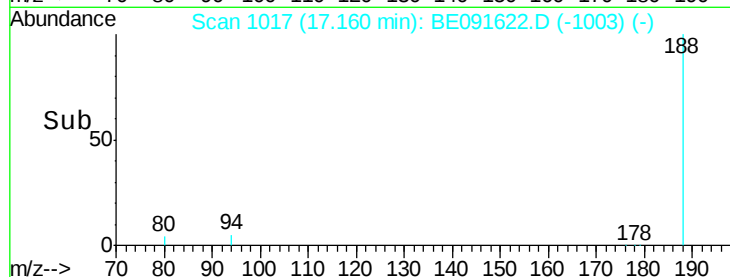
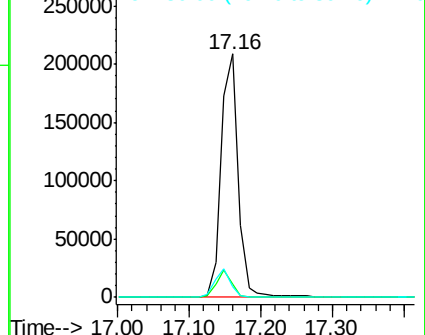
80 4.5 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.17 ng

RT: 16.34 min Scan# 967

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

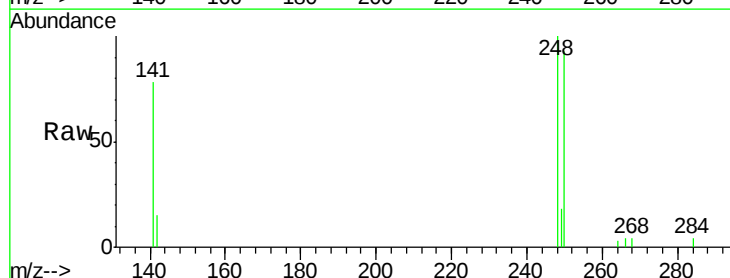
Tgt Ion:248 Resp: 2042

Ion Ratio Lower Upper

248 100

250 97.6 80.5 120.7

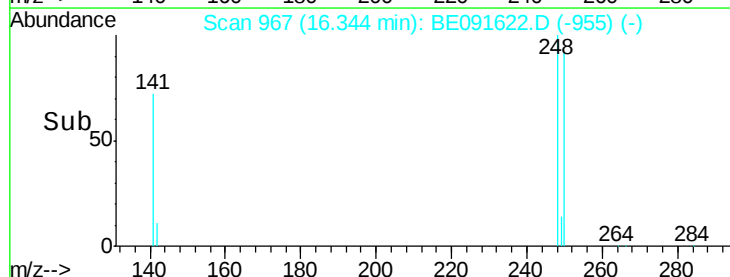
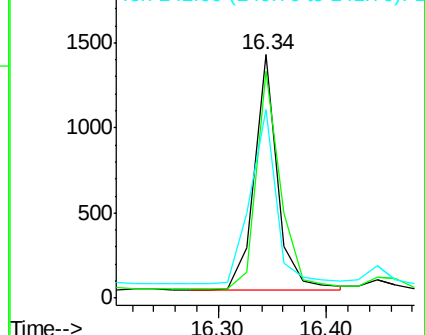
141 83.0 72.0 108.0

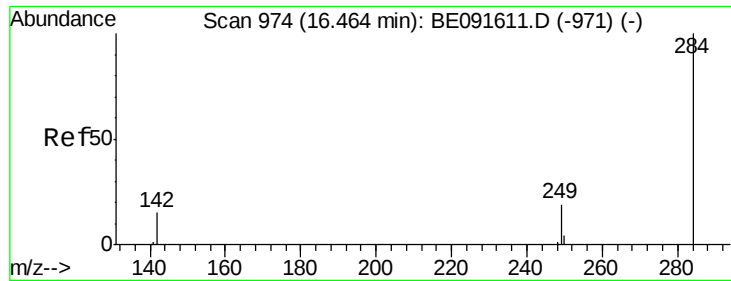


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

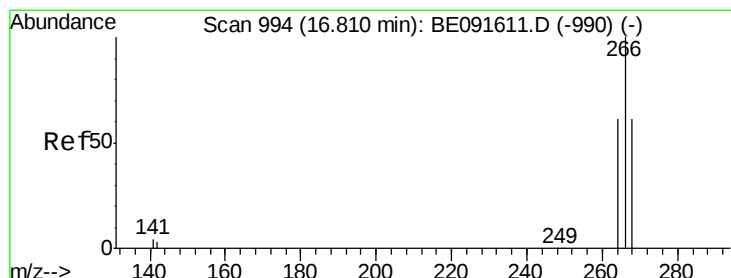
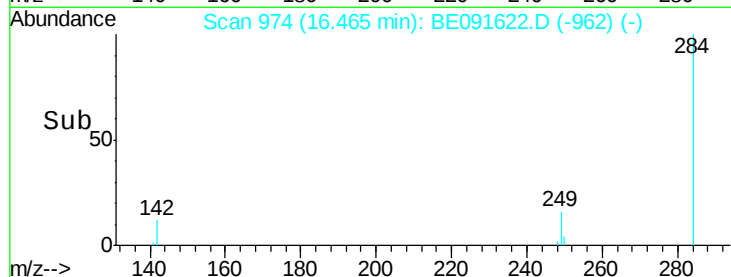
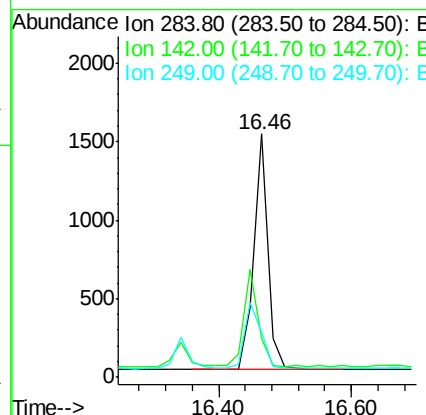
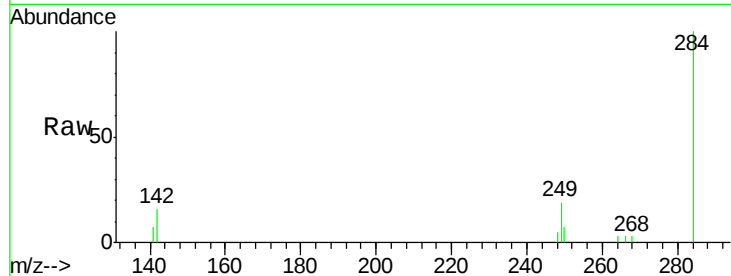




#21
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

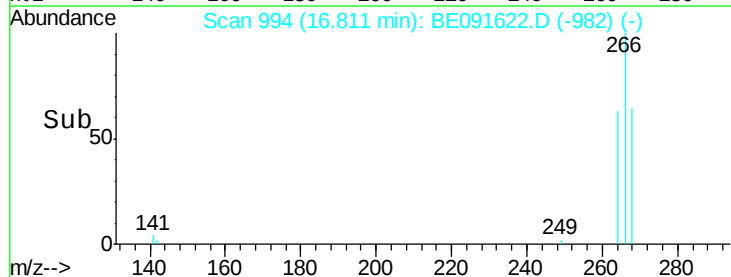
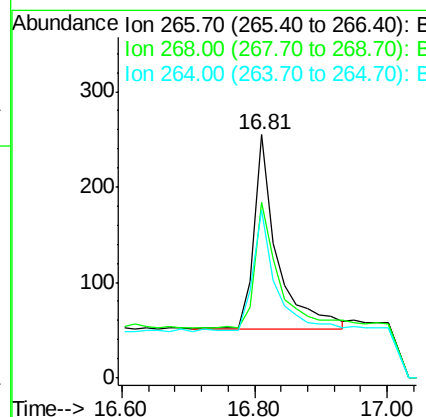
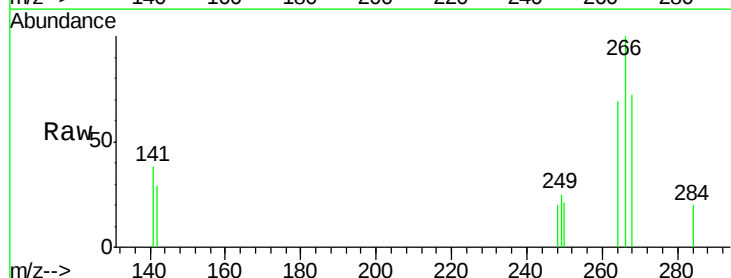
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

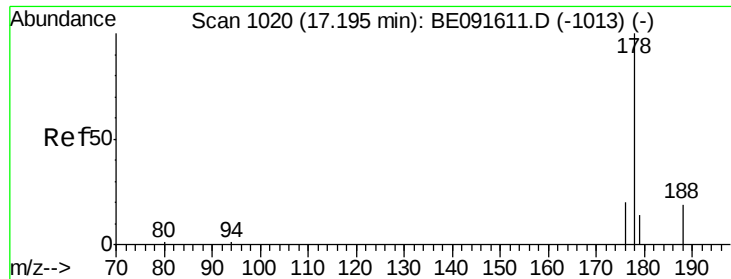
Tgt Ion:284 Resp: 2211
Ion Ratio Lower Upper
284 100
142 41.5 32.2 48.2
249 32.5 25.4 38.2



#22
Pentachlorophenol
Concen: 0.30 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

Tgt Ion:266 Resp: 496
Ion Ratio Lower Upper
266 100
268 72.2 58.2 87.2
264 69.0 56.2 84.4





#23

Phenanthrene

Concen: 0.19 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

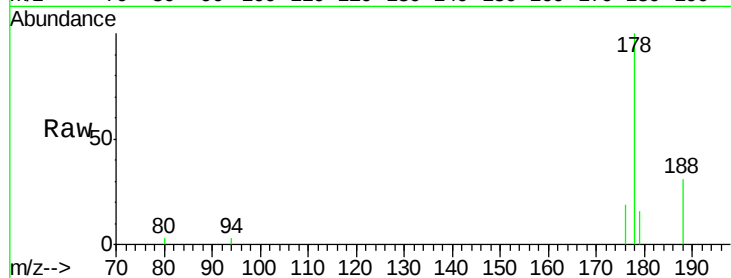
Tgt Ion:178 Resp: 14562

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

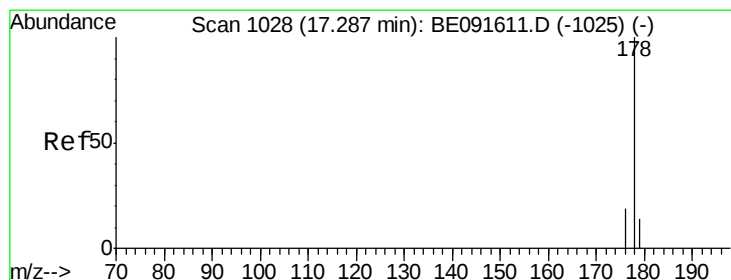
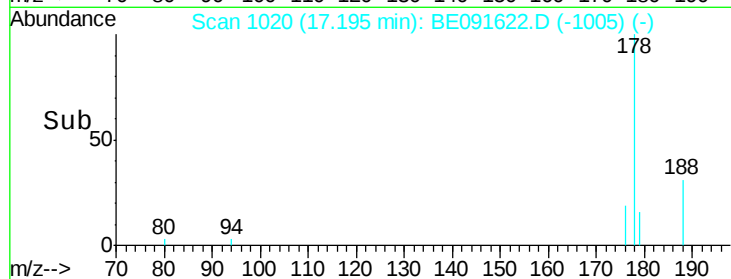
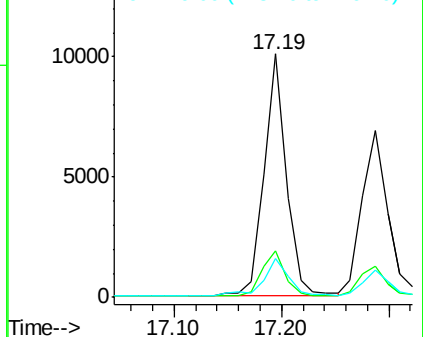
179 17.3 12.6 18.8



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



#24

Anthracene

Concen: 0.17 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

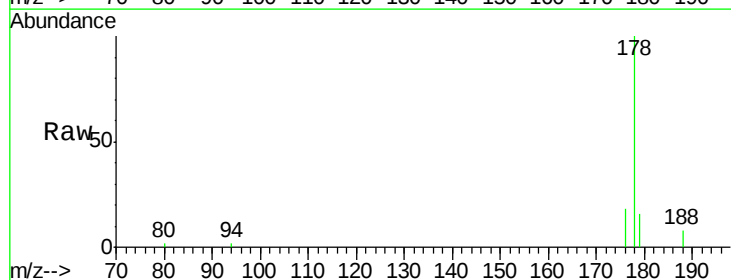
Tgt Ion:178 Resp: 11726

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

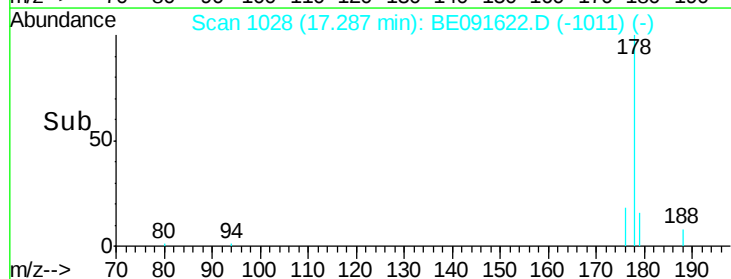
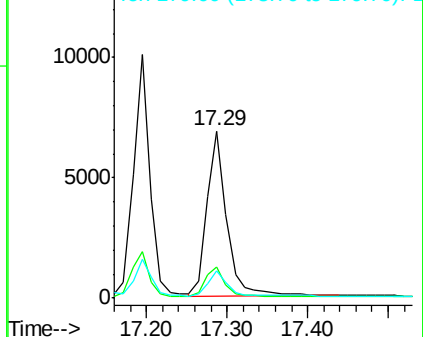
179 15.3 11.8 17.6

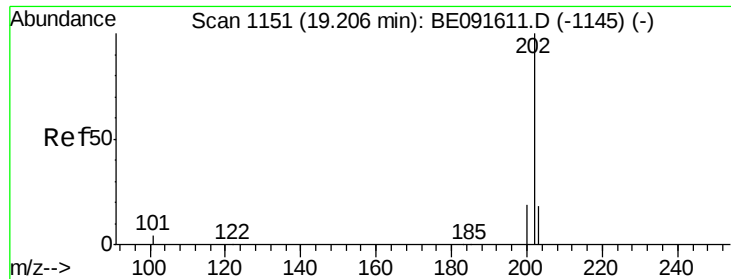


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.17 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

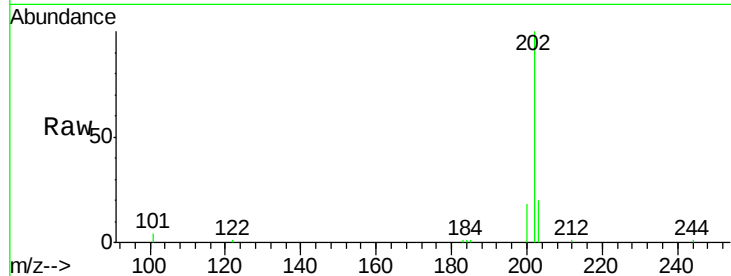
Tgt Ion:202 Resp: 13851

Ion Ratio Lower Upper

202 100

101 11.5 11.0 16.6

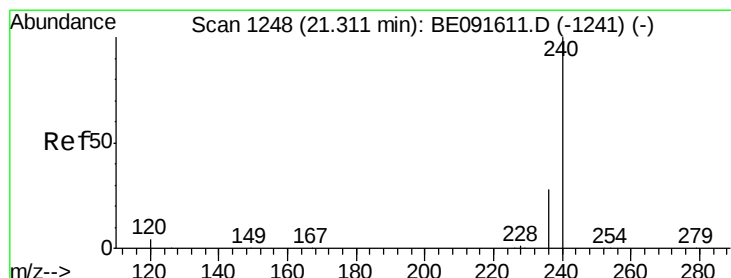
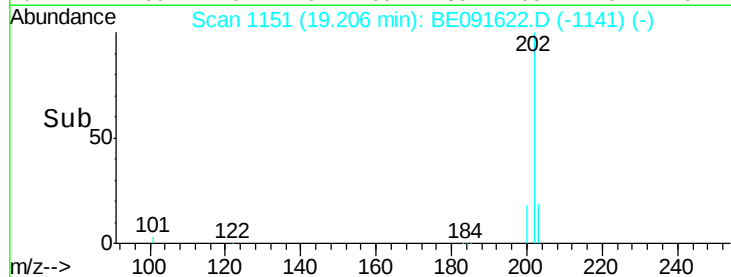
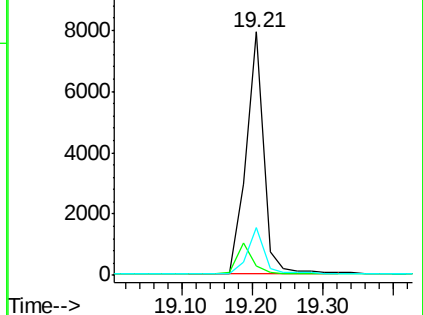
203 17.8 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

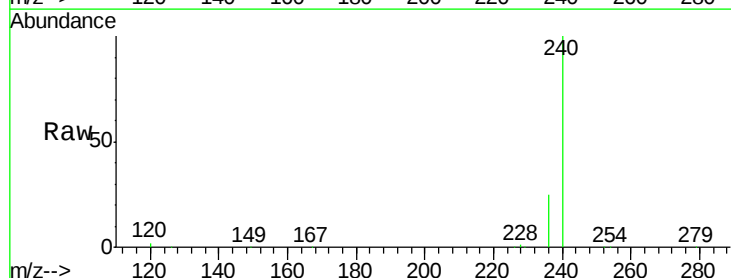
Tgt Ion:240 Resp: 425520

Ion Ratio Lower Upper

240 100

120 1.8 11.0 16.4#

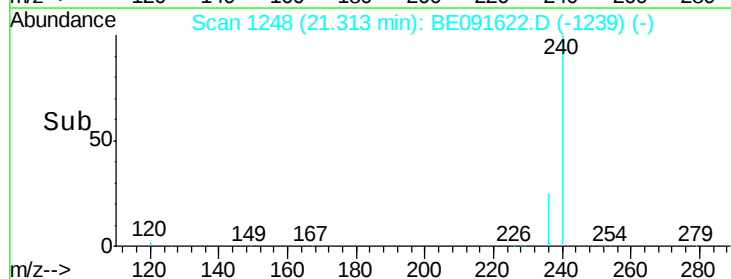
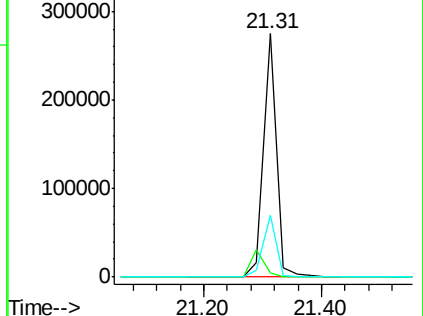
236 25.4 21.7 32.5

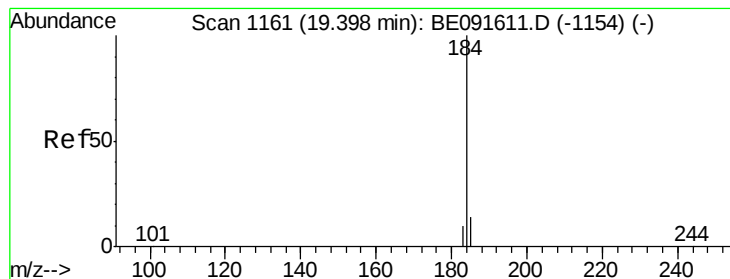


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.39 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

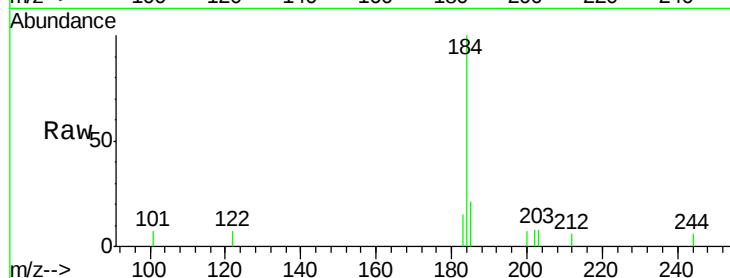
Tgt Ion:184 Resp: 2685

Ion Ratio Lower Upper

184 100

185 21.0 22.3 33.5#

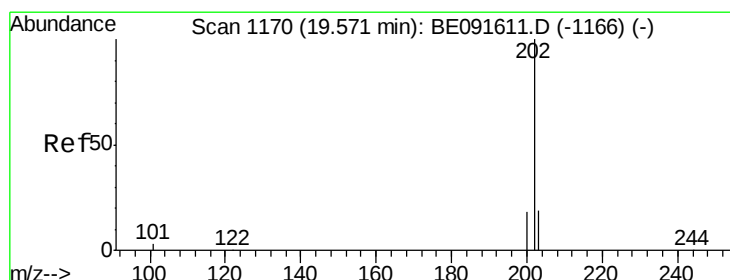
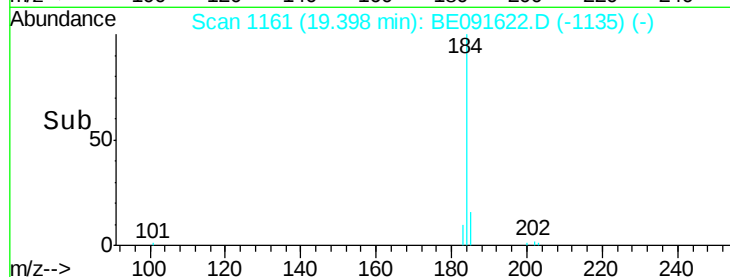
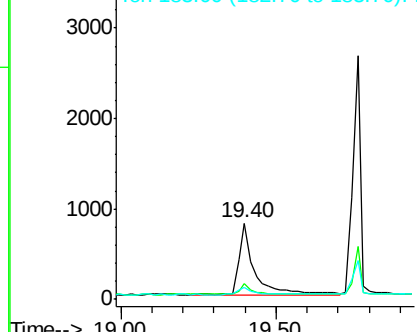
183 15.2 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.17 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

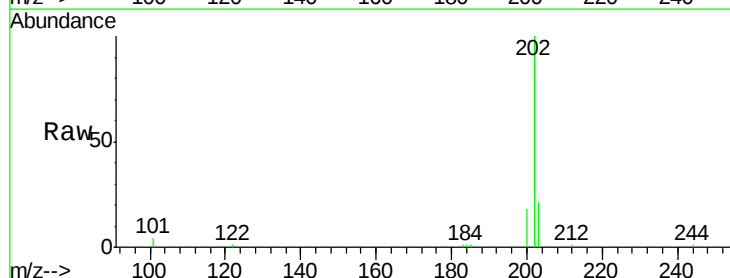
Tgt Ion:202 Resp: 14195

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

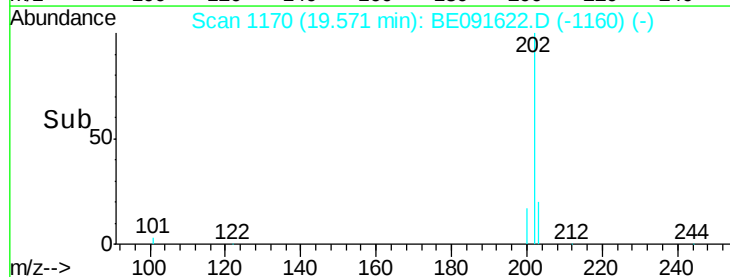
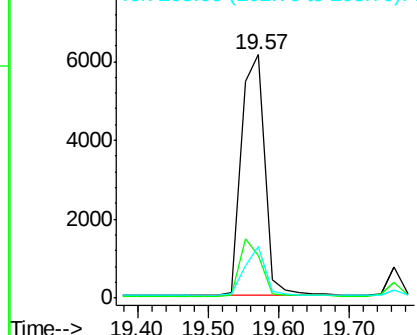
203 18.1 14.0 21.0

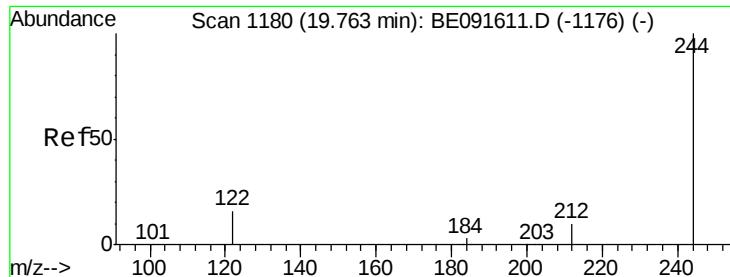


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.09 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

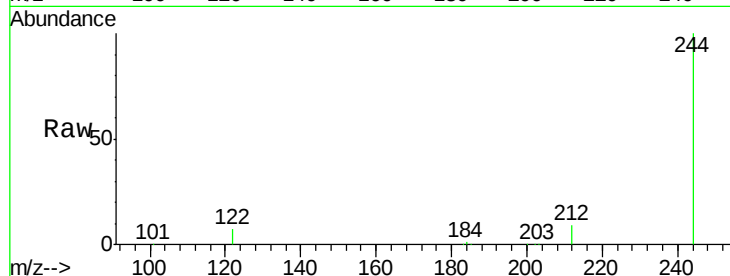
Tgt Ion:244 Resp: 270596

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

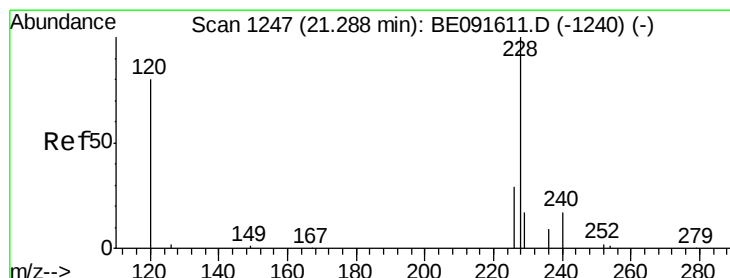
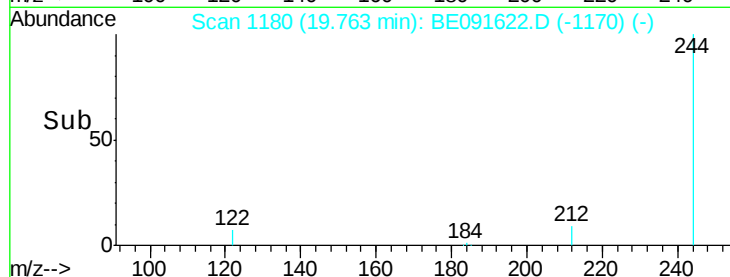
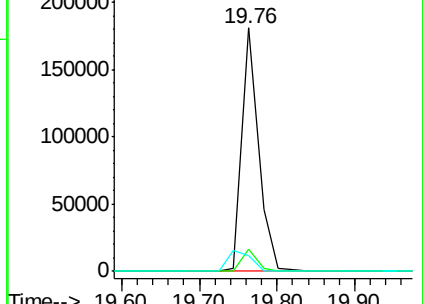
122 6.7 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.40 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

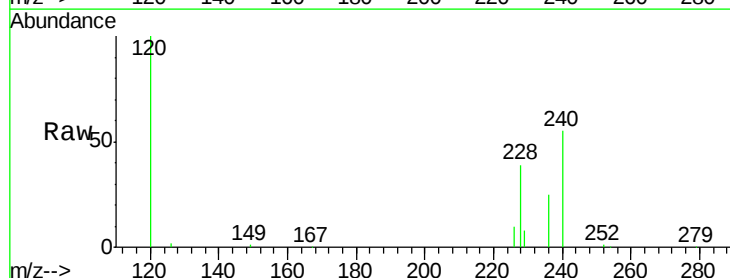
Tgt Ion:228 Resp: 37995

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

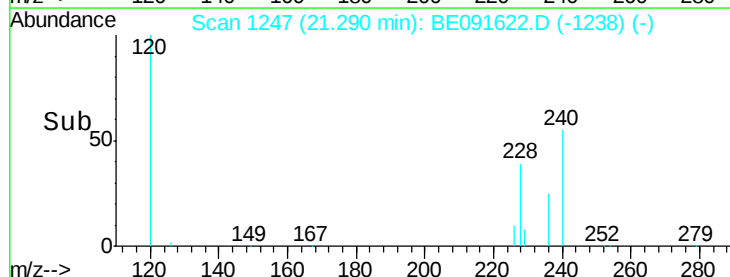
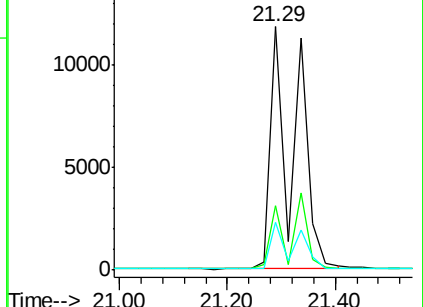
229 19.8 15.7 23.5

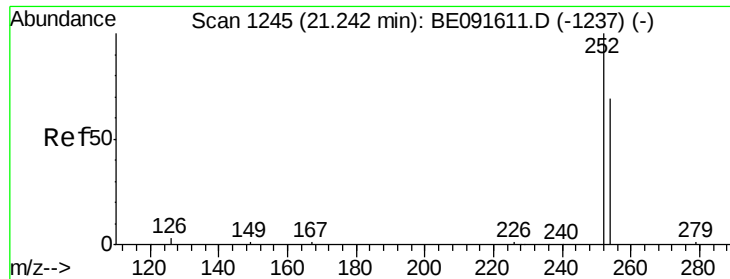


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

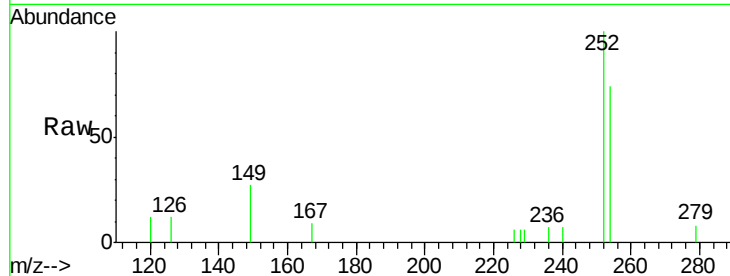




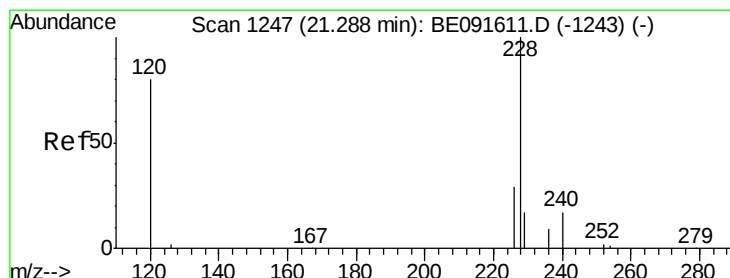
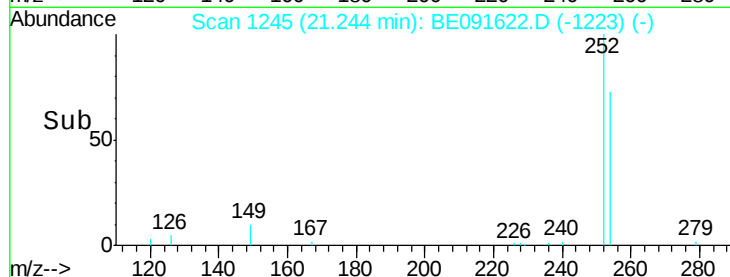
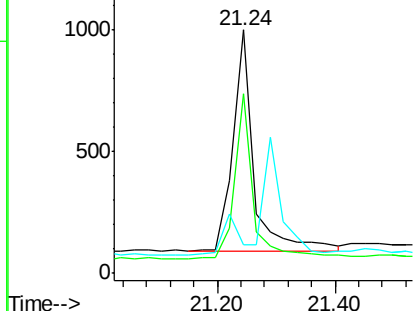
#31
 3,3'-Dichlorobenzidine
 Concen: 0.19 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion: 252 Resp: 2207
 Ion Ratio Lower Upper
 252 100
 254 73.6 51.1 76.7
 126 11.9 12.6 18.8#

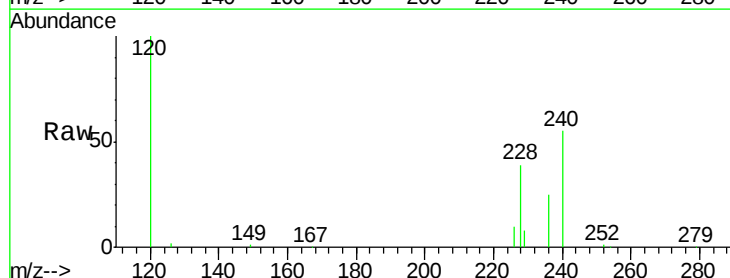


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

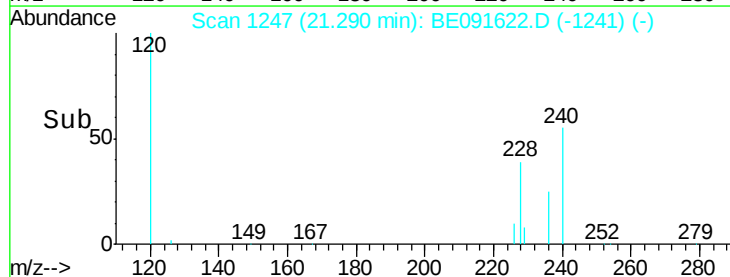
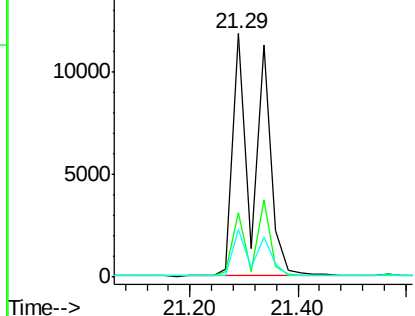


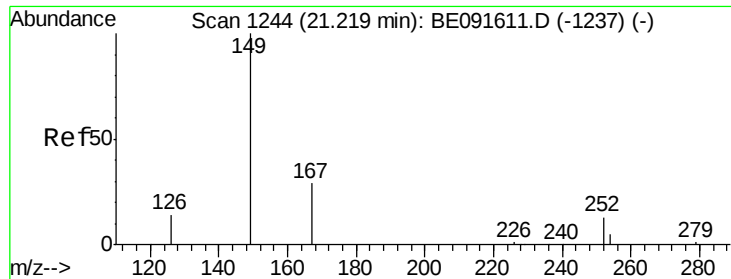
#32
 Chrysene
 Concen: 0.44 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

Tgt Ion: 228 Resp: 38290
 Ion Ratio Lower Upper
 228 100
 226 26.3 24.0 36.0
 229 19.8 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

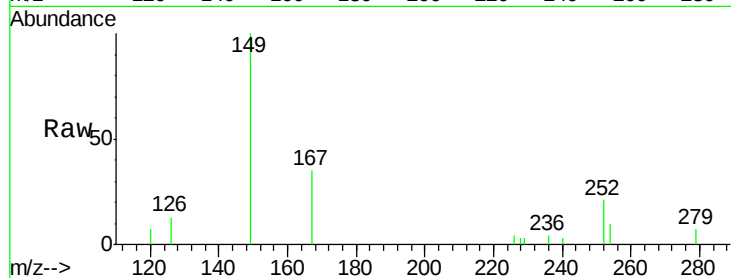




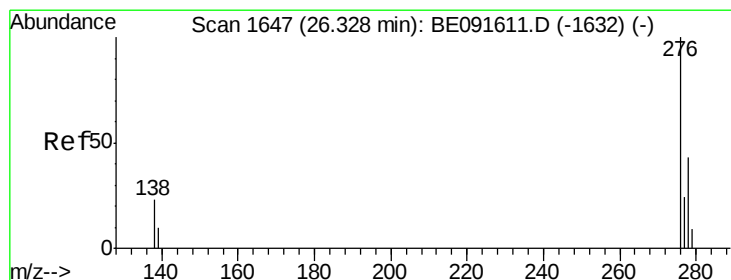
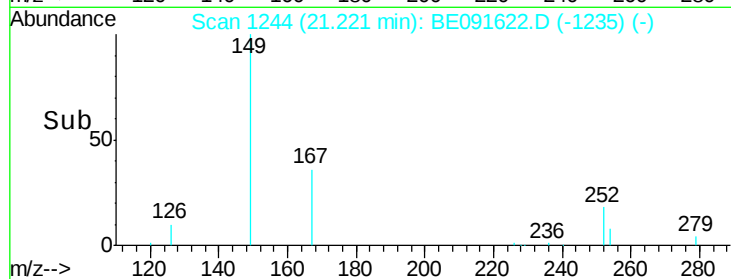
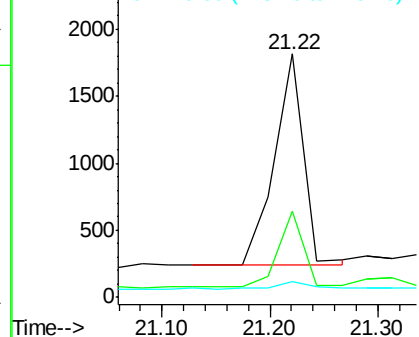
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tgt Ion:149 Resp: 3015
 Ion Ratio Lower Upper
 149 100
 167 33.2 19.5 29.3#
 279 4.3 10.0 15.0#

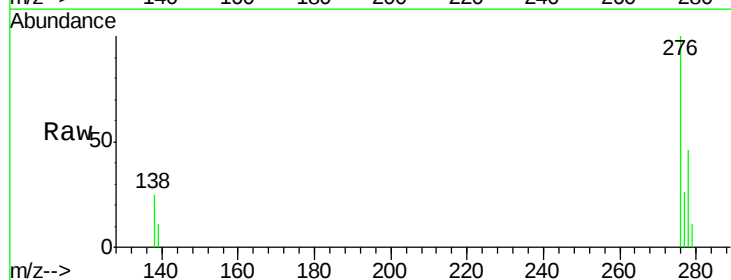


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

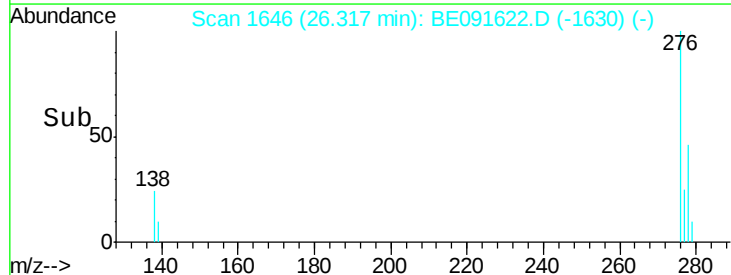
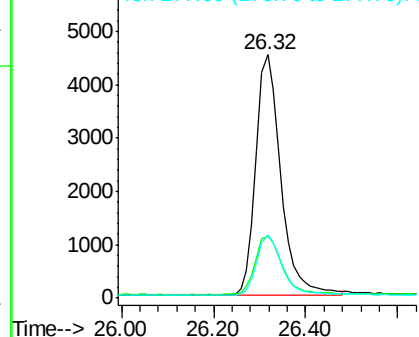


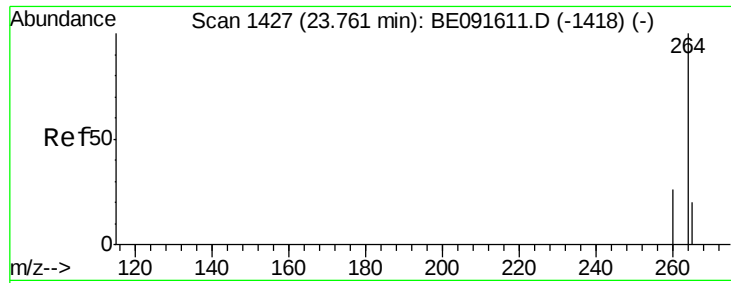
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.18 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091622.D
 Acq: 11 Apr 2016 11:17

Tgt Ion:276 Resp: 17095
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.4 35.2
 277 24.9 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

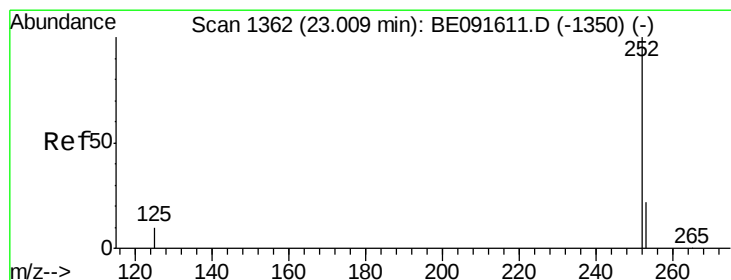
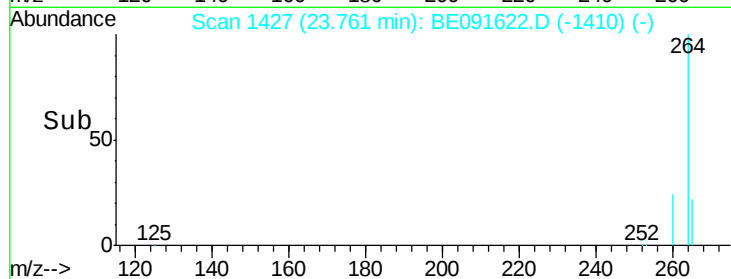
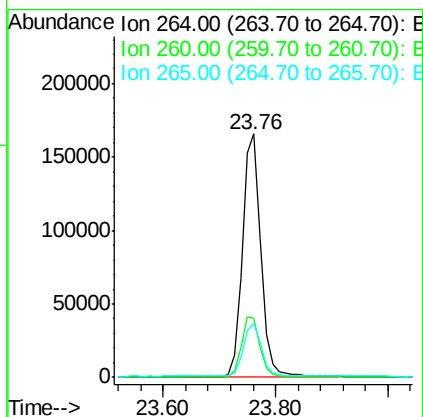
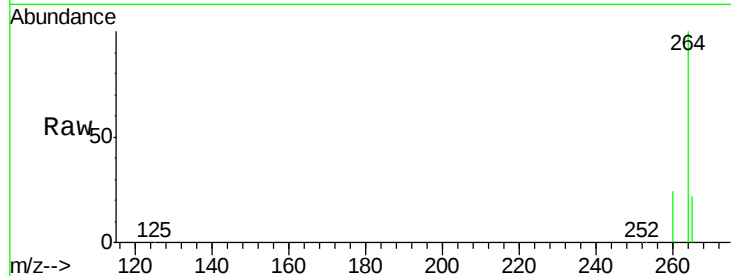




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

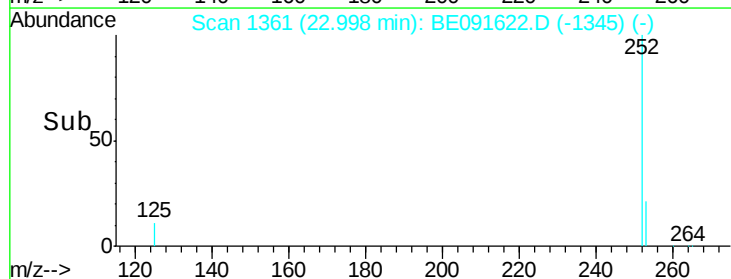
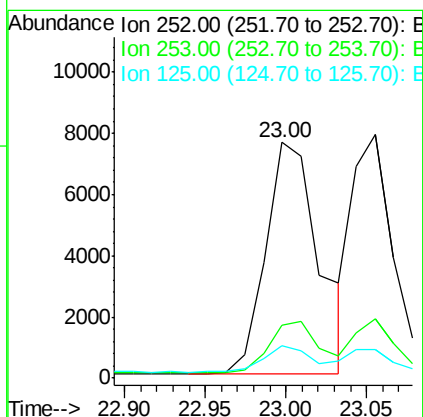
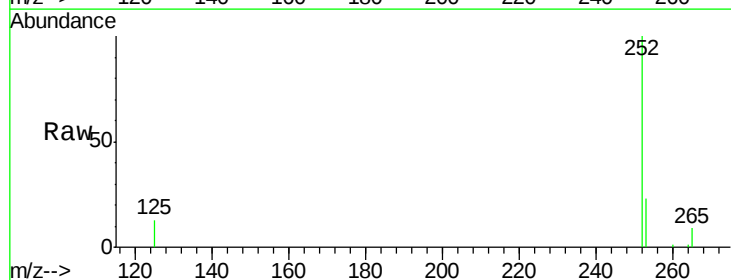
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

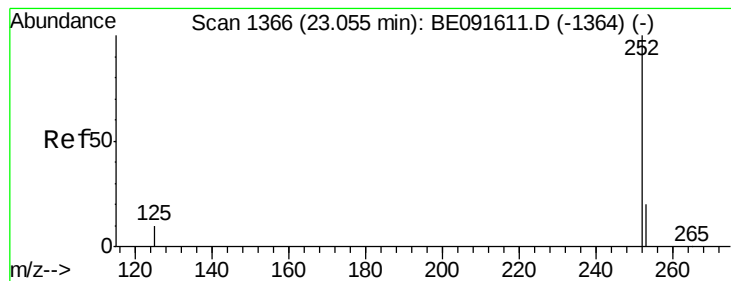
Tgt Ion:264 Resp: 382692
Ion Ratio Lower Upper
264 100
260 24.2 20.0 30.0
265 22.5 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE091622.D
Acq: 11 Apr 2016 11:17

Tgt Ion:252 Resp: 17502
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 13.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.16 ng

RT: 23.06 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

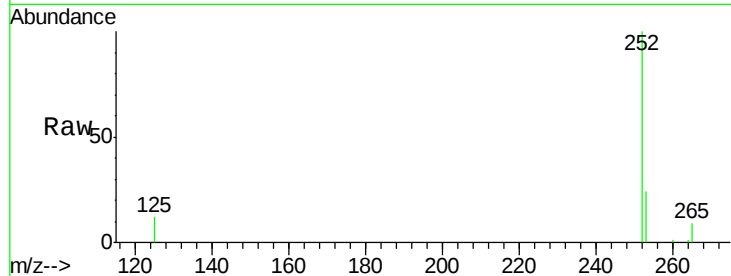
Tgt Ion:252 Resp: 14351

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

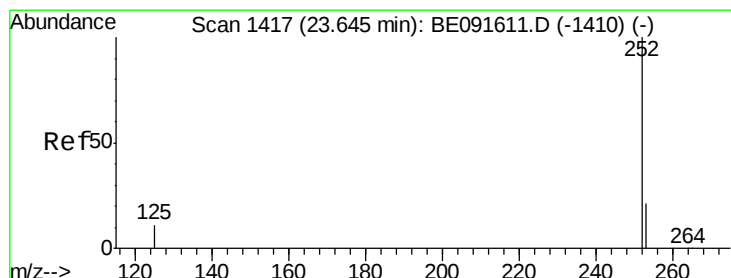
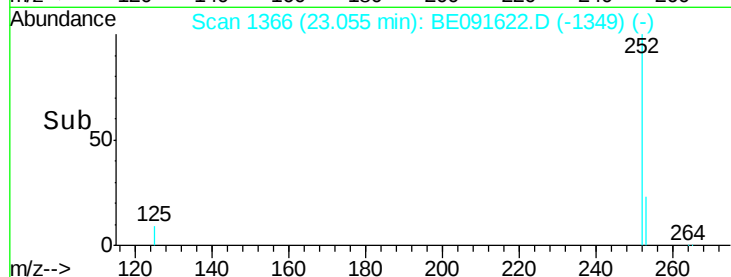
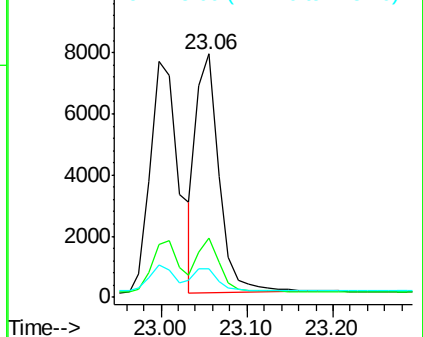
125 11.6 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.17 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

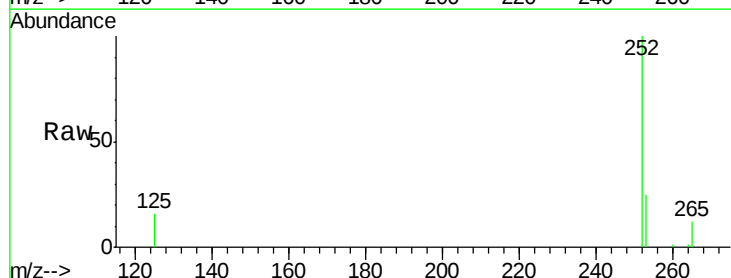
Tgt Ion:252 Resp: 14271

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

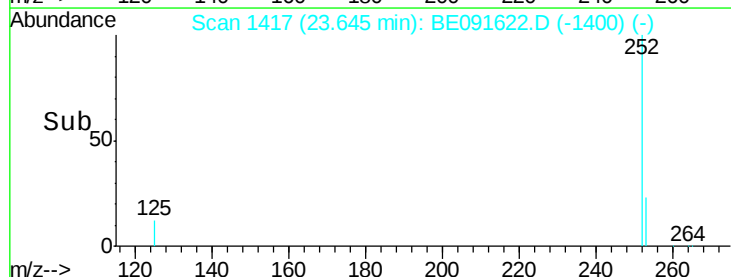
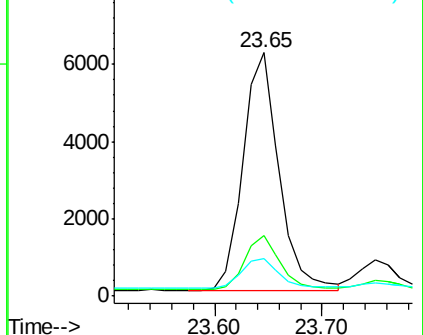
125 15.5 11.0 16.4

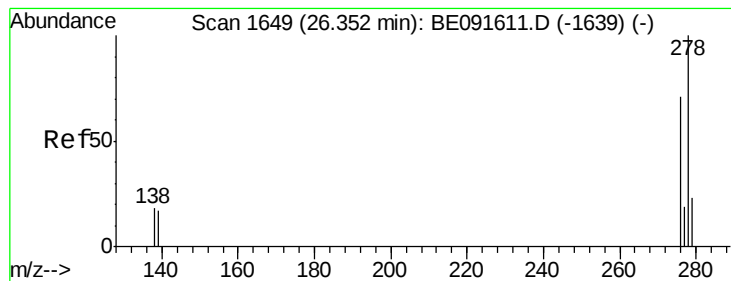


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.17 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

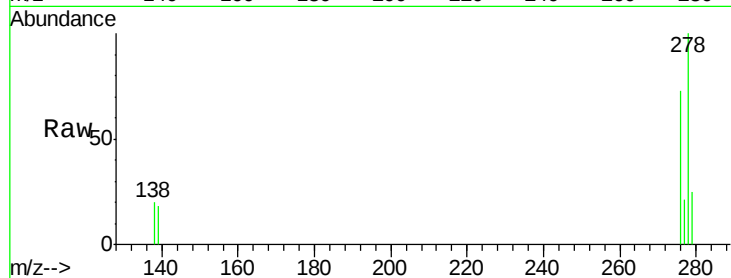
Tgt Ion: 278 Resp: 14016

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

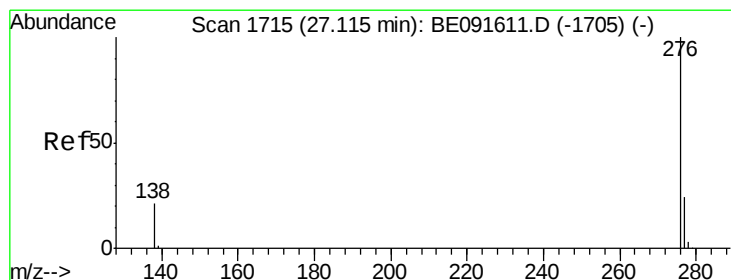
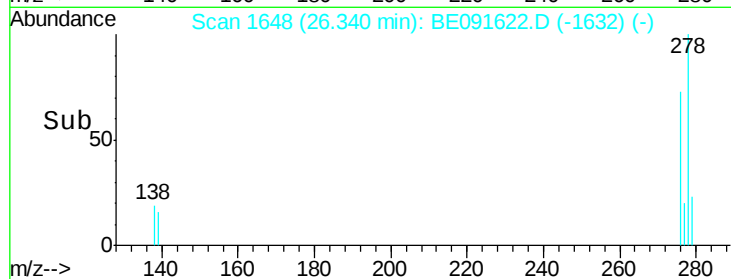
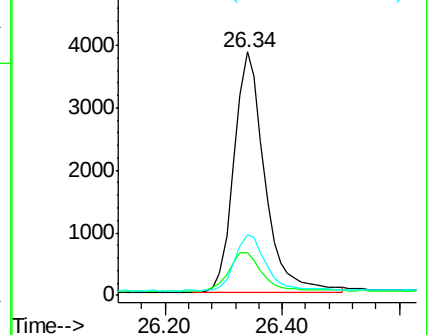
279 24.9 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.17 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091622.D

Acq: 11 Apr 2016 11:17

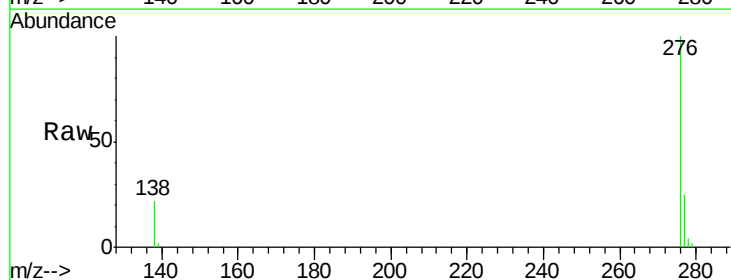
Tgt Ion: 276 Resp: 14637

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 22.4 20.4 30.6



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

