

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
 Data File : BE092887.D
 Acq On : 4 Apr 2017 16:34
 Operator : SJ/MA
 Sample : I2296-02
 Misc : L00 0.2 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

Quant Time: Apr 04 19:10:49 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 16:35:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7795	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	33804	5.00	ng	-0.02
12) Acenaphthene-d10	14.40	164	16297	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	39954	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	43126	5.00	ng	-0.02
31) Perylene-d12	23.70	264	37364	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	20370	12.97	ng	0.00
5) Phenol-d6	6.94	99	28156	12.50	ng	0.00
8) Nitrobenzene-d5	8.90	82	11863	6.12	ng	-0.02
13) 2,4,6-Tribromophenol	15.88	330	2856	13.64	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	36329	6.60	ng	-0.01
26) Terphenyl-d14	19.74	244	41372	6.24	ng	-0.02

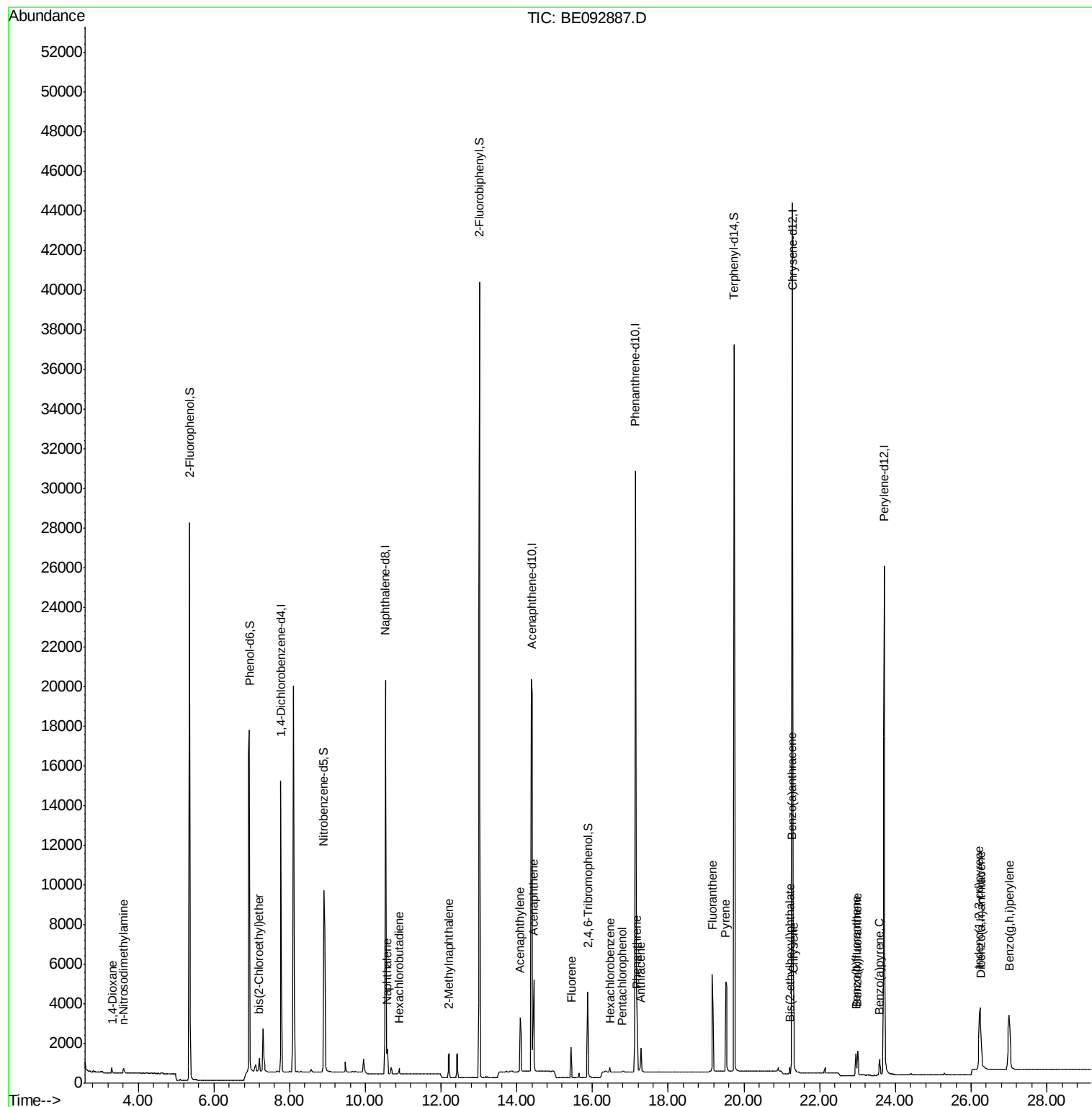
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	232	0.22	ng	91
3) n-Nitrosodimethylamine	3.61	42	216	0.21	ng	# 83
6) bis(2-Chloroethyl)ether	7.20	93	549	0.22	ng	# 50
9) Naphthalene	10.58	128	1706	0.23	ng	97
10) Hexachlorobutadiene	10.89	225	233	0.23	ng	96
11) 2-Methylnaphthalene	12.21	142	968	0.21	ng	90
15) Acenaphthylene	14.09	152	4446	0.19	ng	99
16) Acenaphthene	14.45	154	1026	0.22	ng	99
17) Fluorene	15.44	166	1063	0.20	ng	99
19) Hexachlorobenzene	16.47	284	294	0.19	ng	# 39
20) Pentachlorophenol	16.79	266	59m	0.29	ng	
21) Phenanthrene	17.18	178	2137	0.20	ng	96
22) Anthracene	17.27	178	1547	0.18	ng	98
23) Fluoranthene	19.16	202	7114	0.18	ng	99
25) Pyrene	19.52	202	7568	0.20	ng	98
27) Benzo(a)anthracene	21.26	228	1691	0.18	ng	# 92
28) Chrysene	21.32	228	2279	0.21	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.21	149	381	0.16	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.22	276	7050	0.20	ng	# 91
32) Benzo(b)fluoranthene	22.96	252	1770	0.19	ng	# 89
33) Benzo(k)fluoranthene	23.01	252	1590	0.19	ng	# 91
34) Benzo(a)pyrene	23.58	252	1332	0.19	ng	# 87
35) Dibenzo(a,h)anthracene	26.25	278	1556	0.19	ng	# 87
36) Benzo(g,h,i)perylene	27.00	276	6574	0.20	ng	# 85

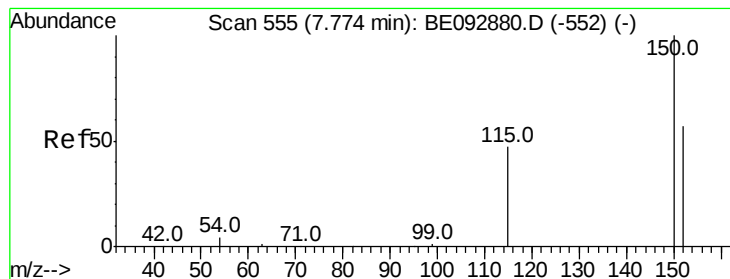
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 19:10:49 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

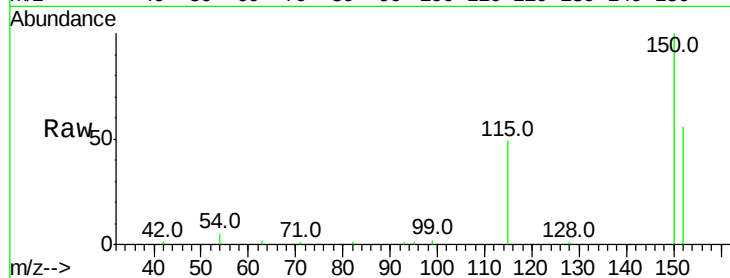
Tot Ion:152 Resp: 7795

Ion Ratio Lower Upper

152 100

150 178.3 106.0 159.0#

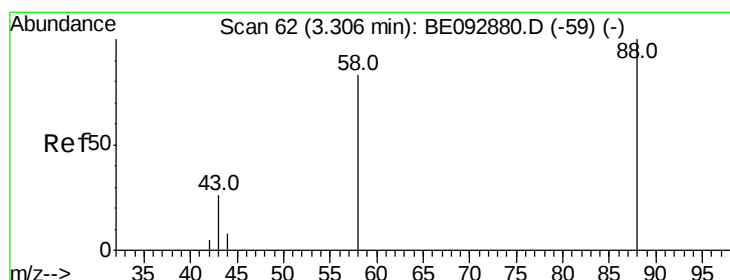
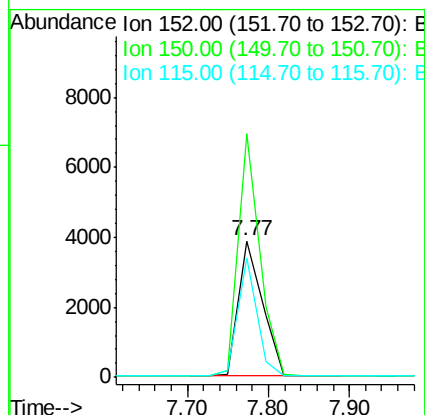
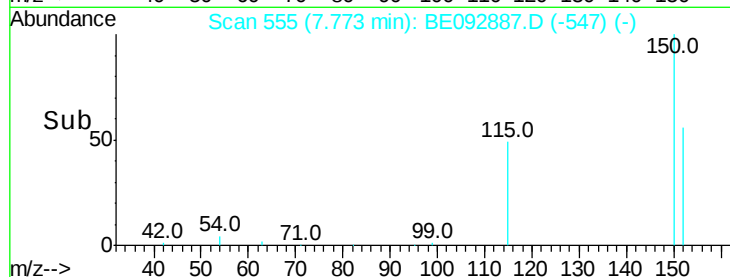
115 87.2 31.2 46.8#



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: 0.22 ng

RT: 3.32 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

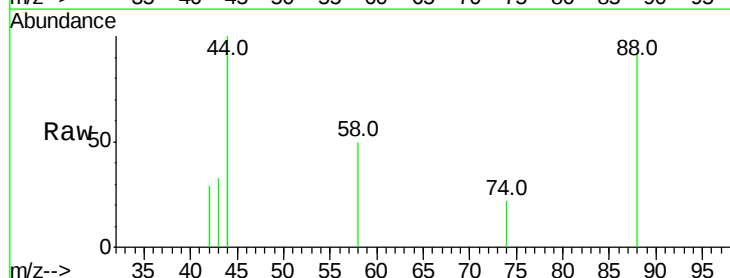
Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

58 70.7 63.6 95.4

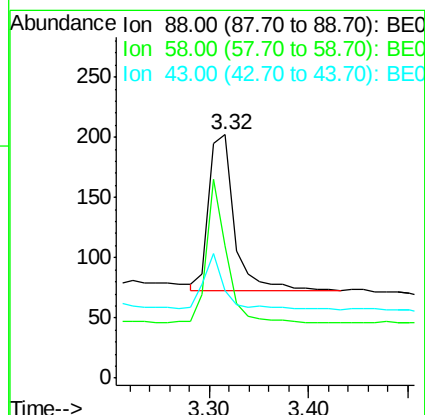
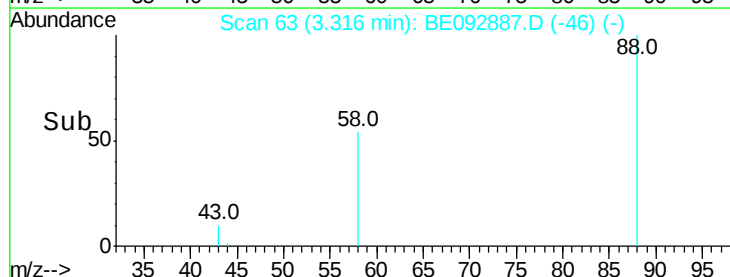
43 30.6 28.0 42.0

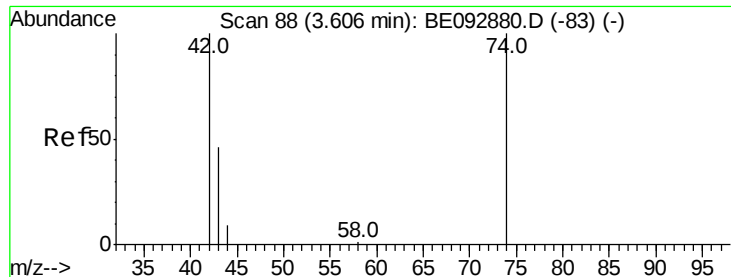


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

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LOQ-SOIL-02-QT2-2017

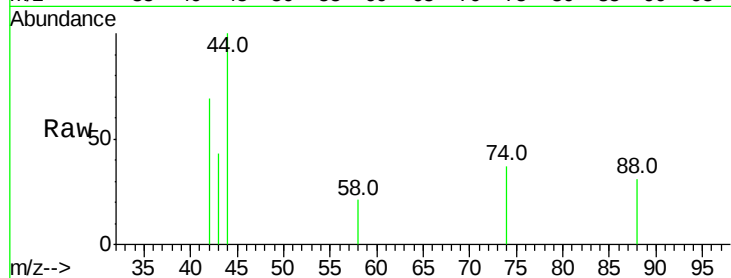
Tot Ion: 42 Resp: 216

Ion Ratio Lower Upper

42 100

74 125.9 86.0 129.0

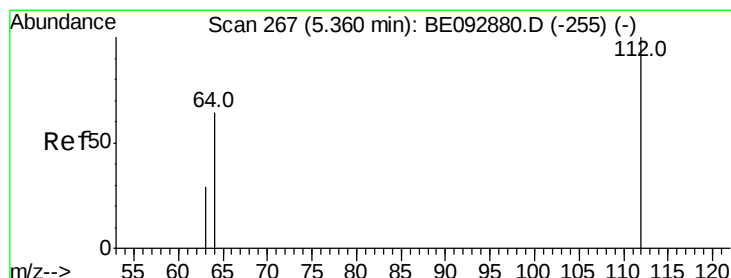
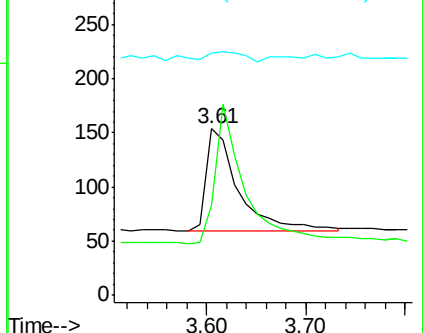
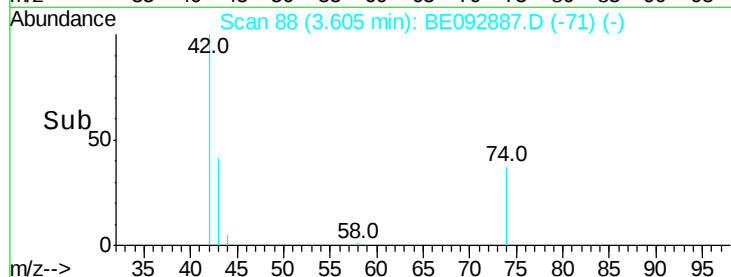
44 9.7 5.1 7.7#



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: 12.97 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

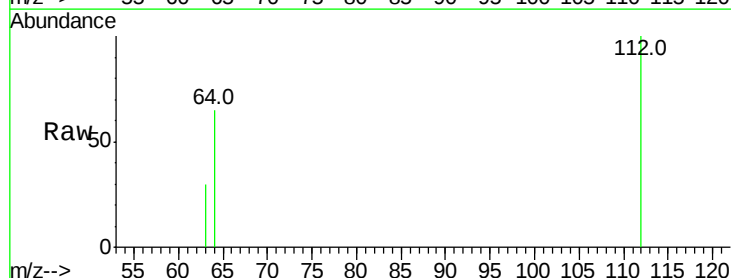
Tgt Ion: 112 Resp: 20370

Ion Ratio Lower Upper

112 100

64 69.4 53.5 80.3

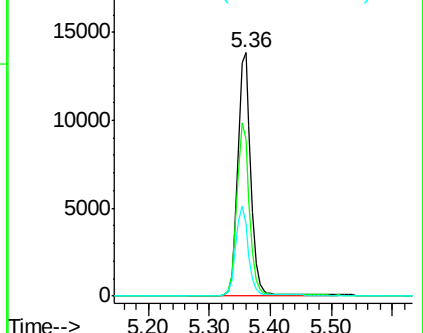
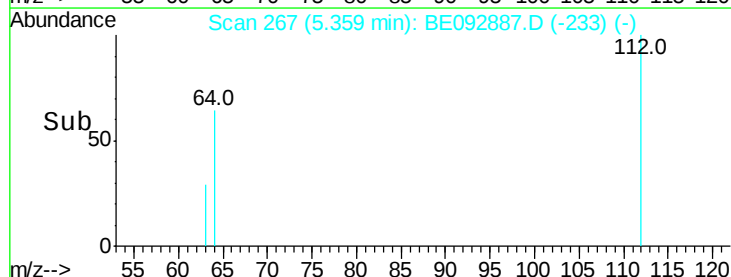
63 35.6 27.9 41.9

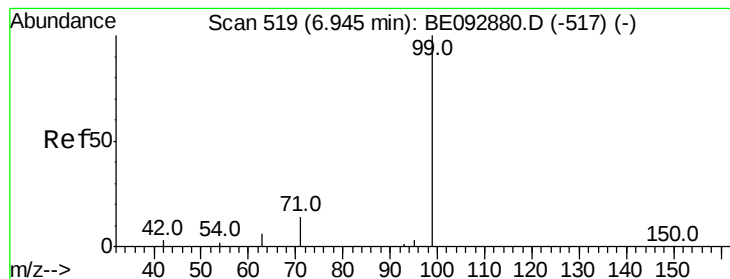


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 12.50 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

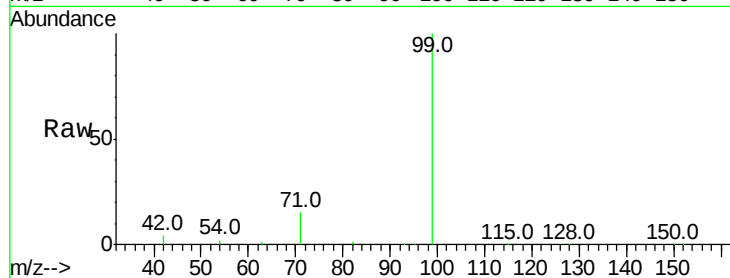
Tot Ion: 99 Resp: 28156

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

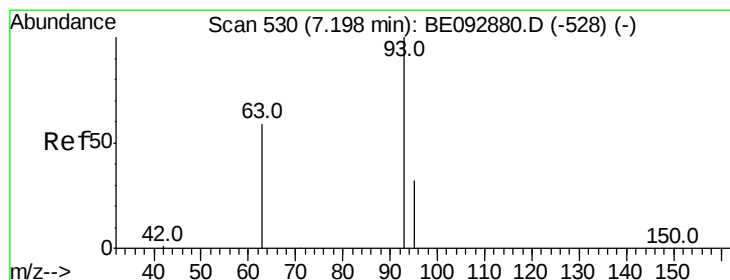
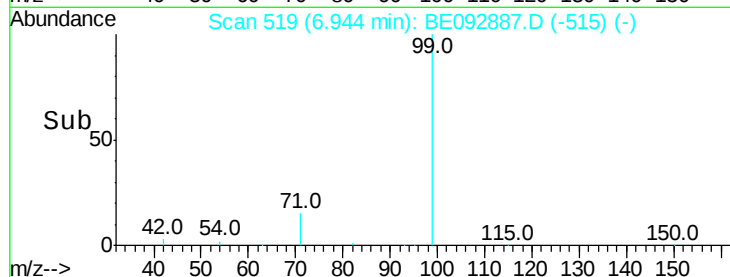
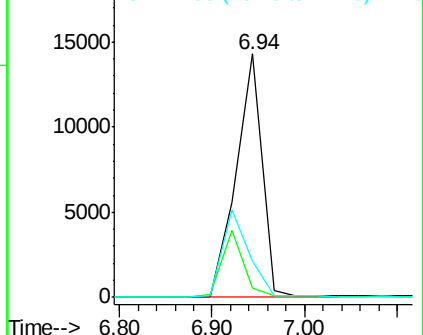
71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

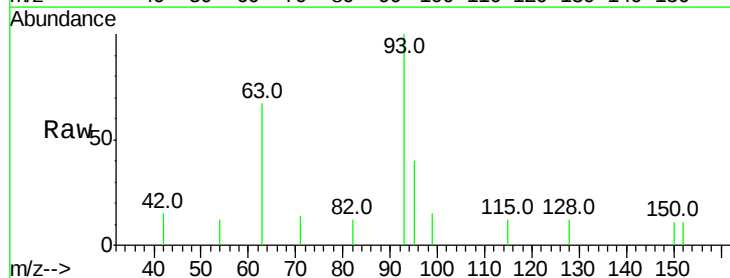
Tgt Ion: 93 Resp: 549

Ion Ratio Lower Upper

93 100

63 75.6 16.0 24.0#

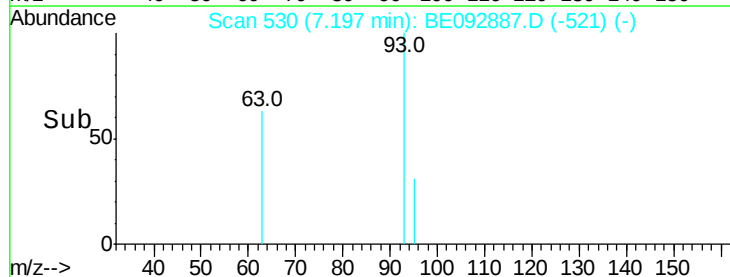
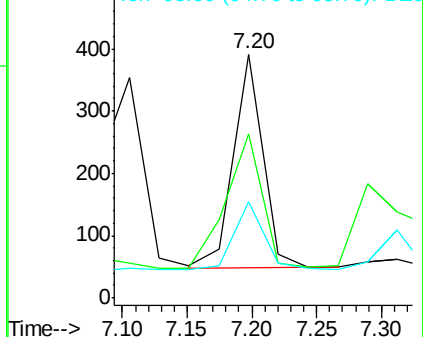
95 31.7 24.0 36.0

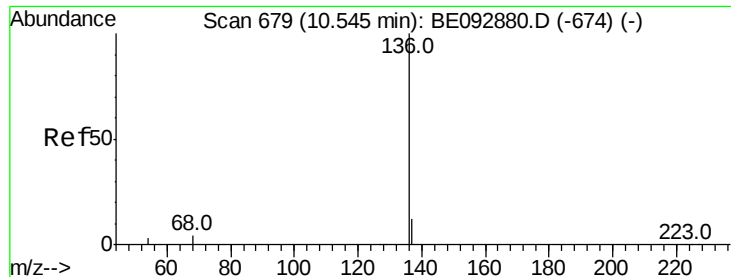


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

Tot Ion:136 Resp: 33804

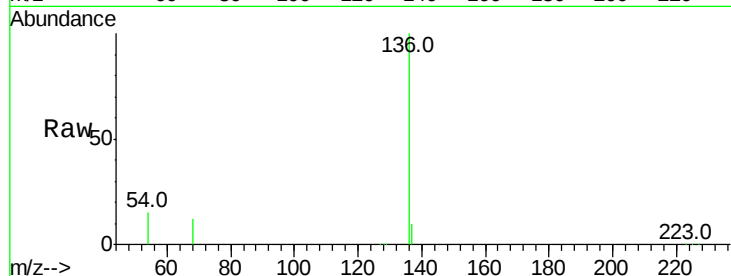
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 14.5 9.6 14.4#

68 11.7 6.7 10.1#

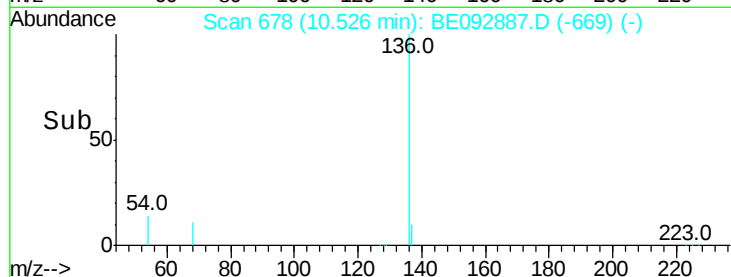


Abundance Ion 136.00 (135.70 to 136.70): E

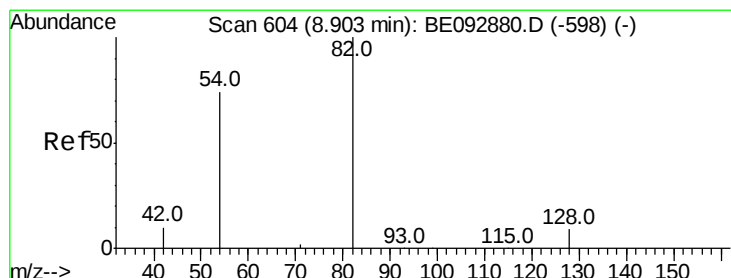
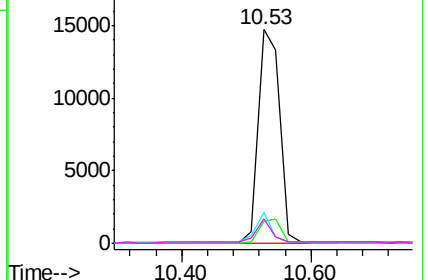
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 6.12 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

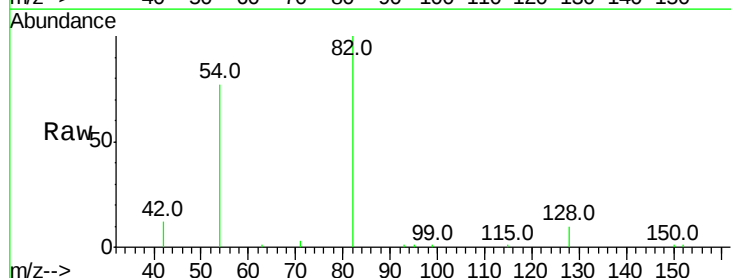
Tgt Ion: 82 Resp: 11863

Ion Ratio Lower Upper

82 100

128 9.7 39.0 58.4#

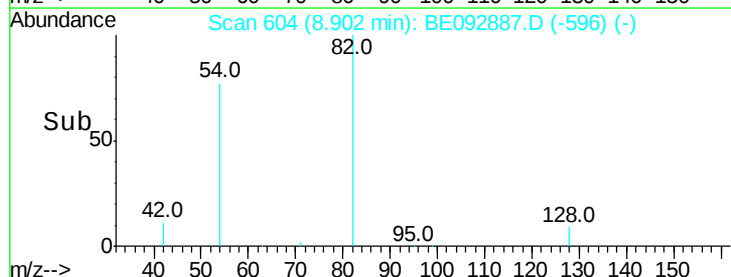
54 77.1 44.8 67.2#



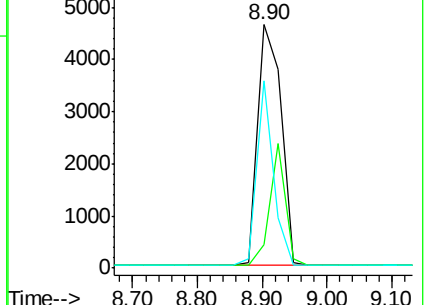
Abundance Ion 82.00 (81.70 to 82.70): BE0

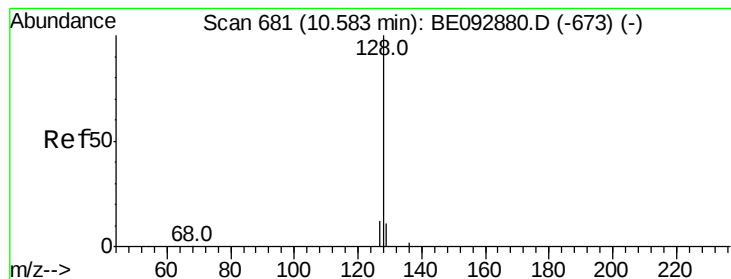
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.23 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

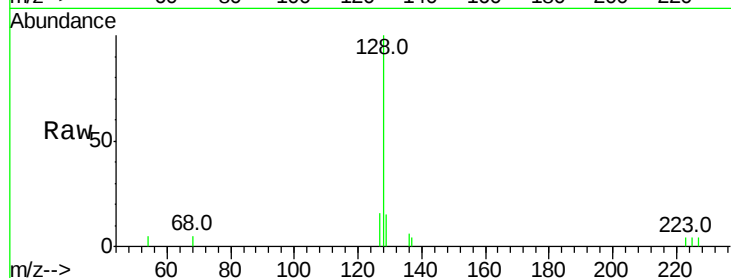
Tot Ion:128 Resp: 1706

Ion Ratio Lower Upper

128 100

129 15.0 11.2 16.8

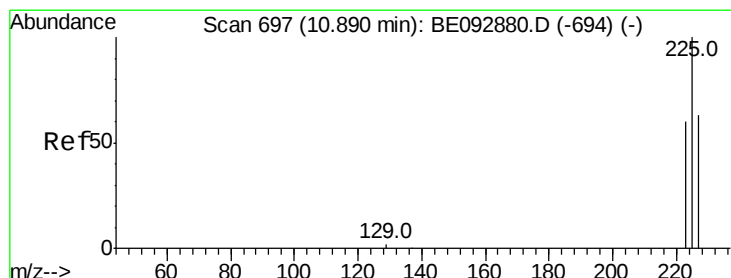
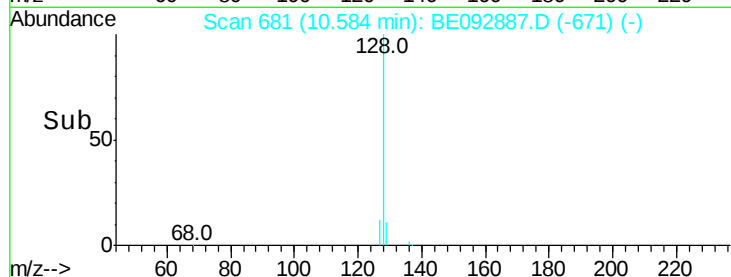
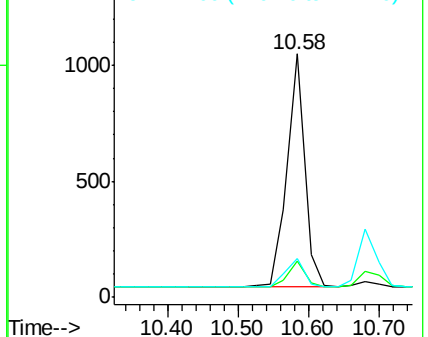
127 15.8 11.6 17.4



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: 0.23 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

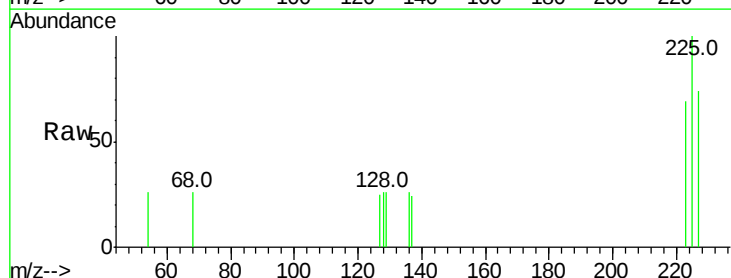
Tgt Ion:225 Resp: 233

Ion Ratio Lower Upper

225 100

223 60.1 50.6 76.0

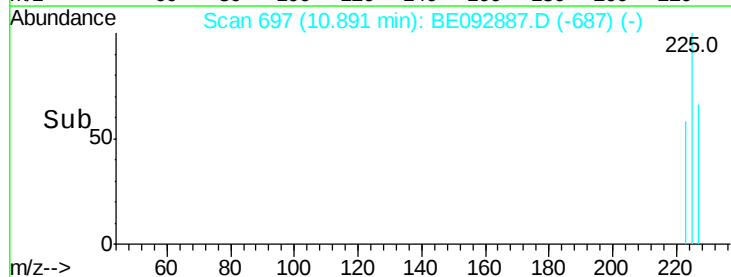
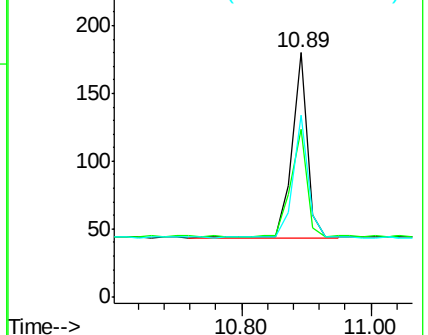
227 67.0 51.4 77.0

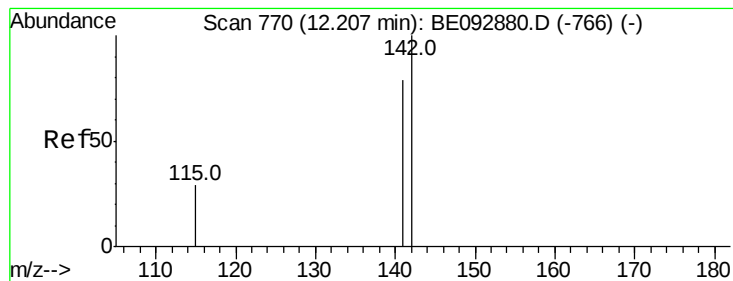


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.21 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

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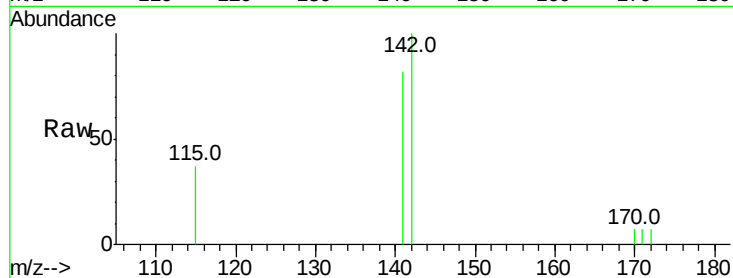
Tot Ion:142 Resp: 968

Ion Ratio Lower Upper

142 100

141 82.4 73.7 110.5

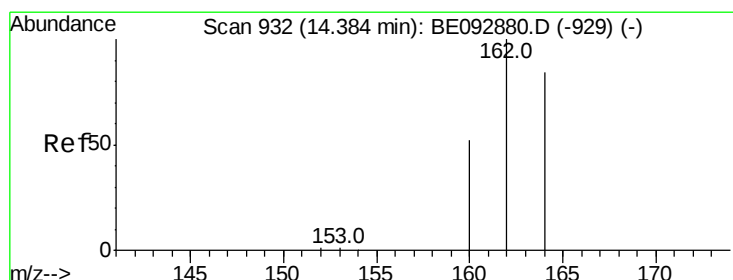
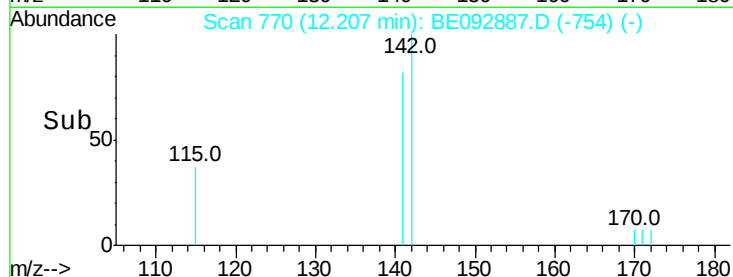
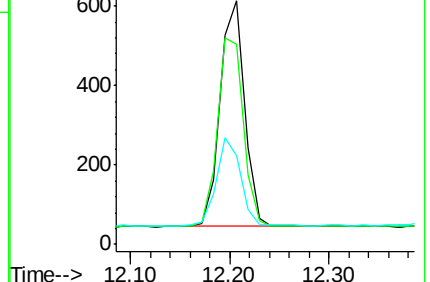
115 36.5 34.0 51.0



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: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

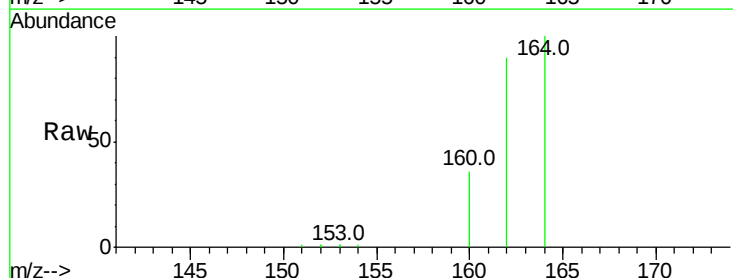
Tgt Ion:164 Resp: 16297

Ion Ratio Lower Upper

164 100

162 90.0 71.4 107.0

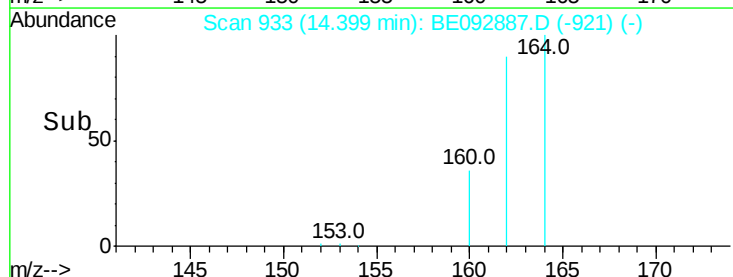
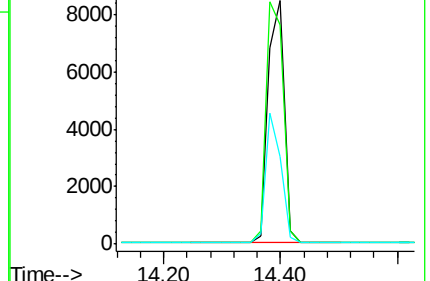
160 35.9 27.4 41.2

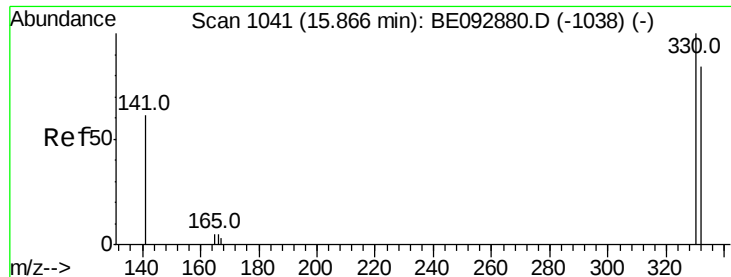


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

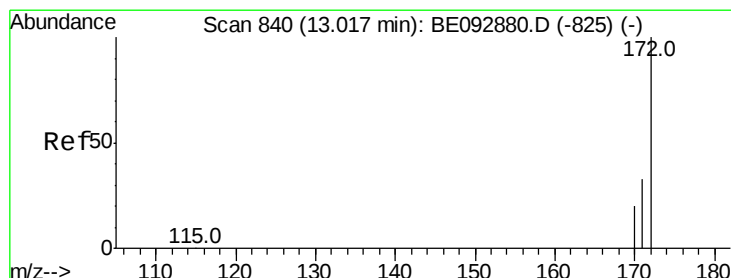
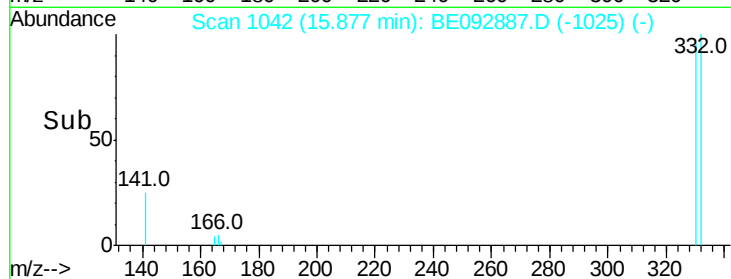
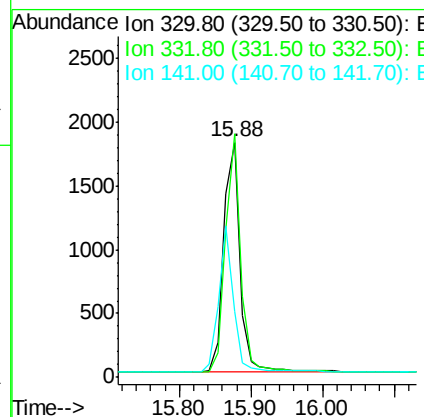
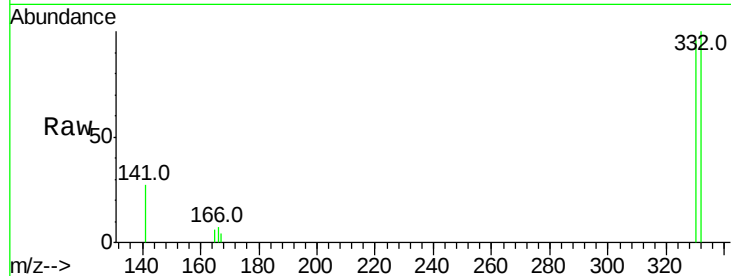




#13
 2,4,6-Tribromophenol
 Concen: 13.64 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

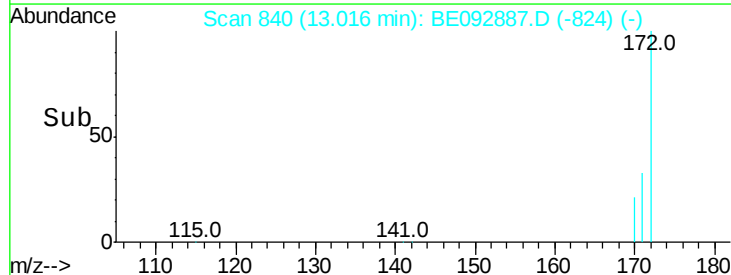
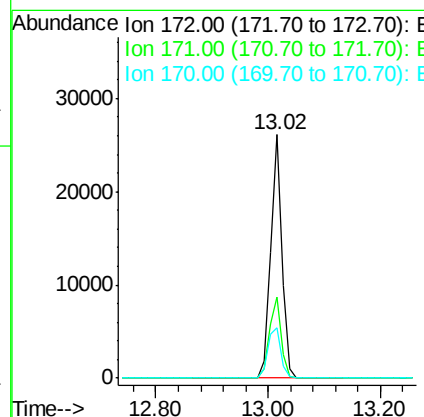
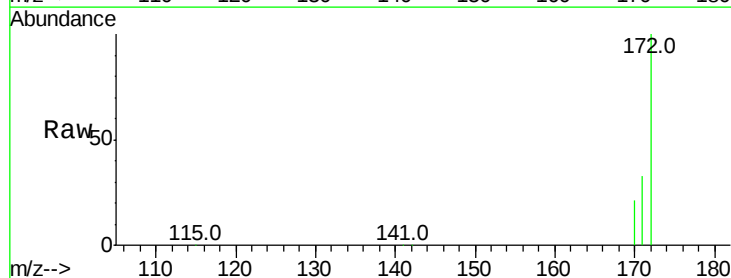
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

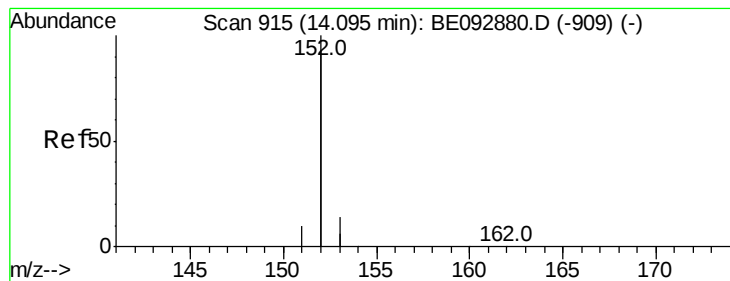
Tot Ion:330 Resp: 2856
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 57.1 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 6.60 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

Tgt Ion:172 Resp: 36329
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.1 45.1
 170 20.7 21.8 32.6#





#15

Acenaphthylene

Concen: 0.19 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

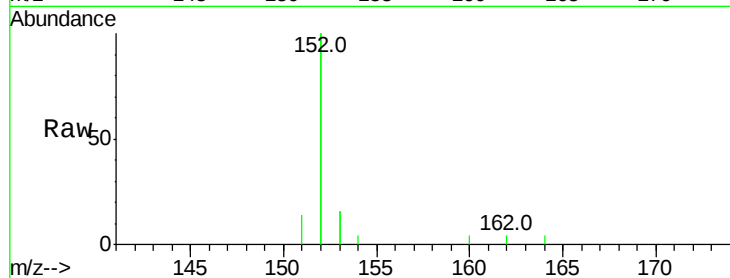
Tot Ion:152 Resp: 4446

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

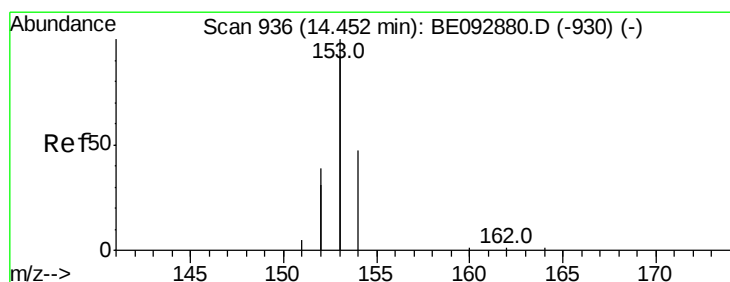
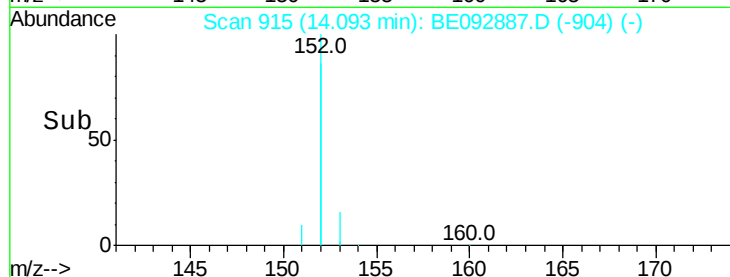
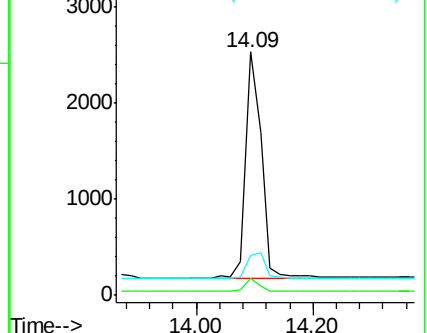
153 12.6 10.4 15.6



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



#16

Acenaphthene

Concen: 0.22 ng

RT: 14.45 min Scan# 936

Delta R.T. -0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

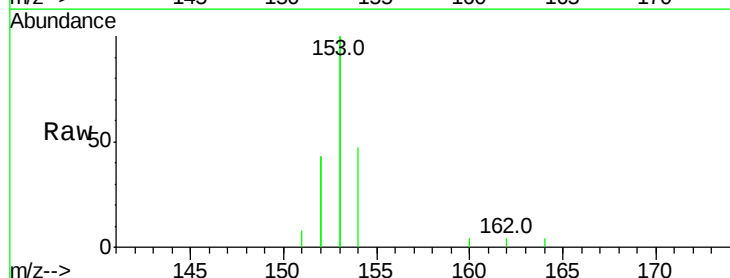
Tgt Ion:154 Resp: 1026

Ion Ratio Lower Upper

154 100

153 436.3 350.8 526.2

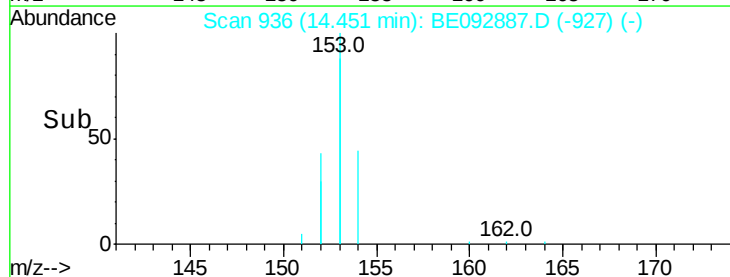
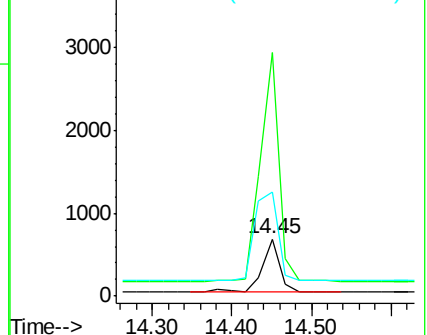
152 216.8 171.1 256.7

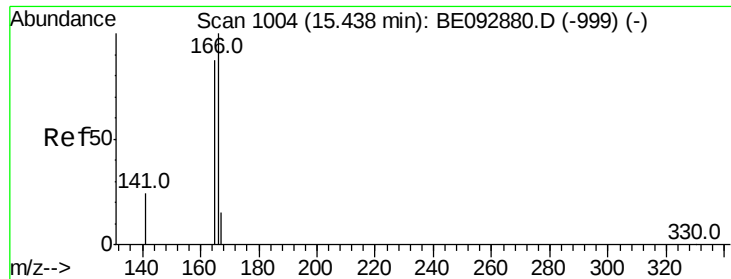


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



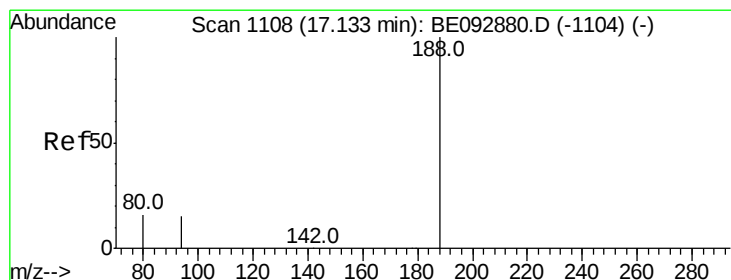
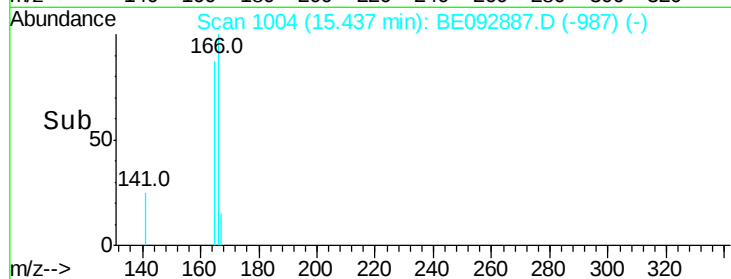
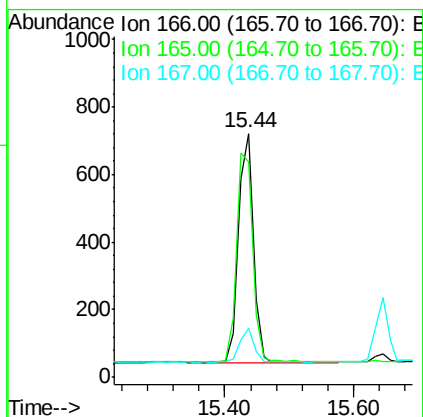
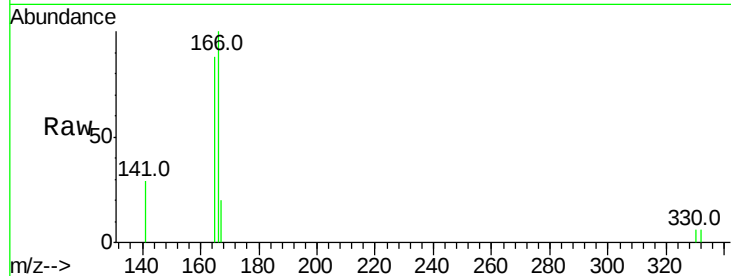


#17
Fluorene
 Concen: 0.20 ng
 RT: 15.44 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

Tot Ion:166 Resp: 1063

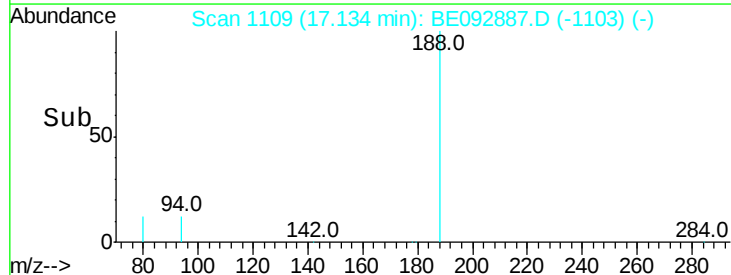
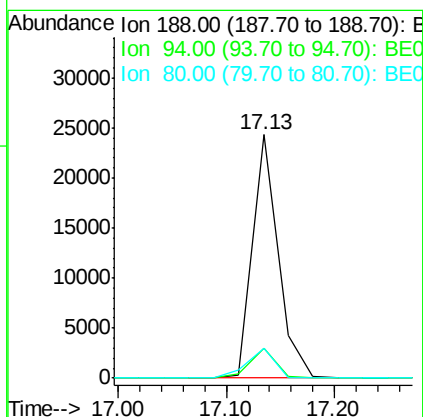
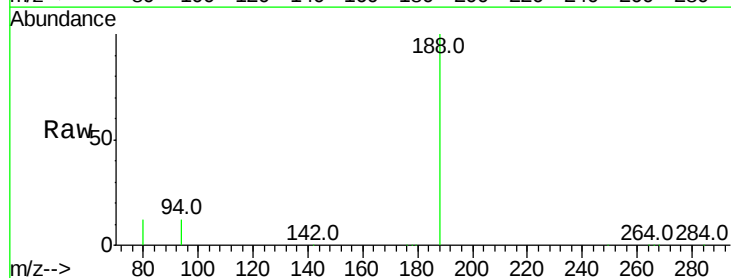
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	14.3	11.0	16.4

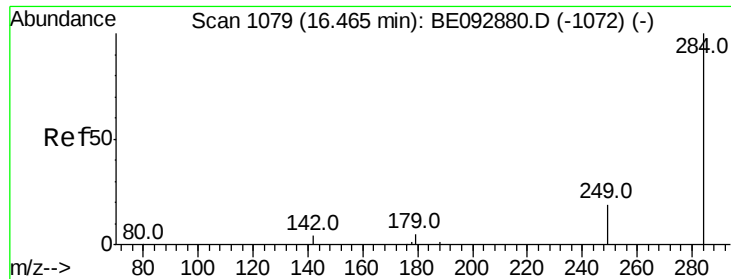


#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

Tgt Ion:188 Resp: 39954

Ion	Ratio	Lower	Upper
188	100		
94	12.2	3.2	4.8#
80	12.5	2.6	3.8#





#19

Hexachlorobenzene

Concen: 0.19 ng

RT: 16.47 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

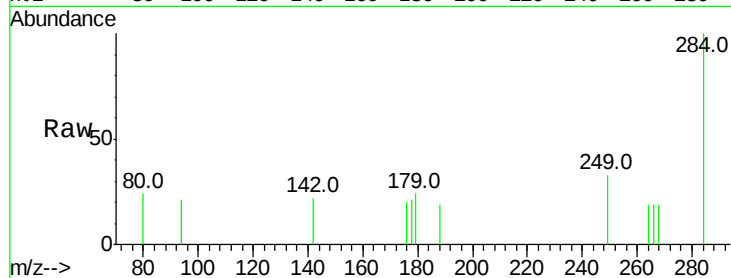
Tot Ion:284 Resp: 294

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

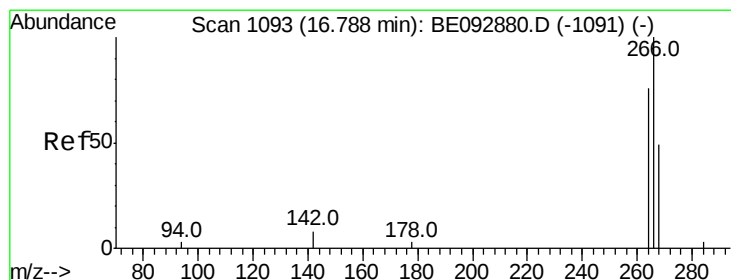
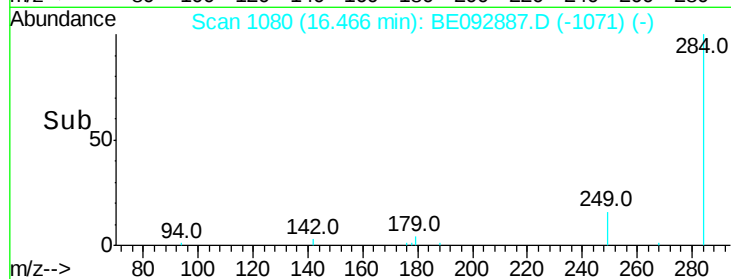
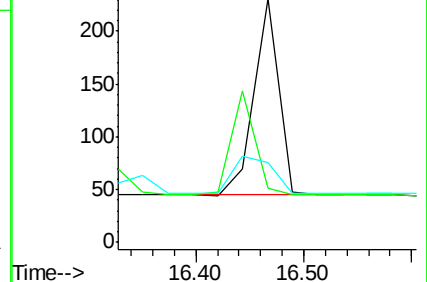
249 0.0 27.9 41.9#



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



#20

Pentachlorophenol

Concen: 0.29 ng m

RT: 16.79 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

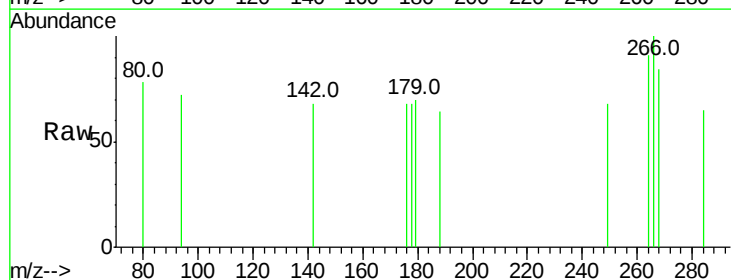
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

268 84.1 62.5 93.7

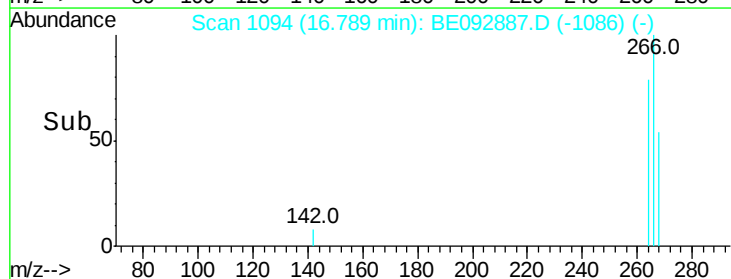
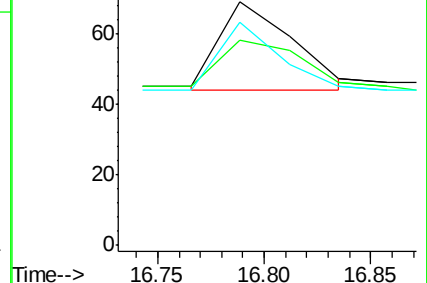
264 91.3 57.2 85.8#

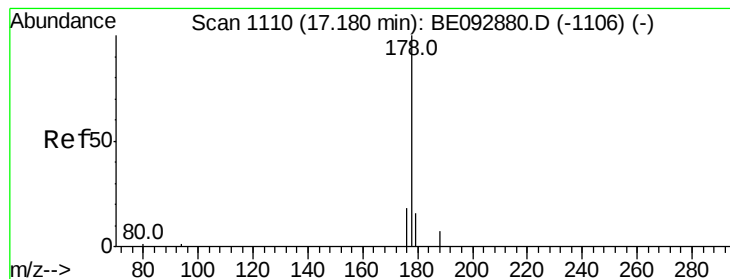


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.20 ng

RT: 17.18 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

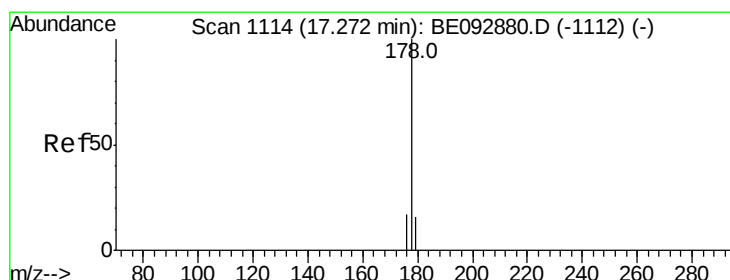
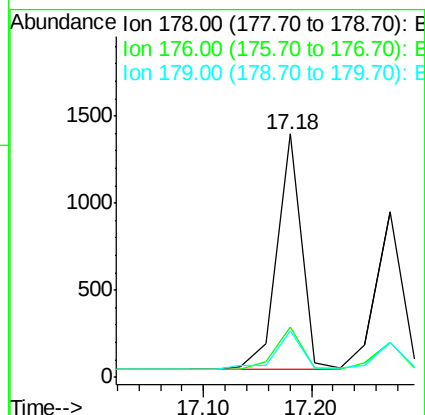
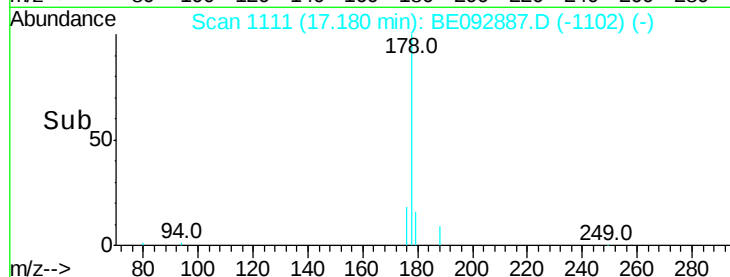
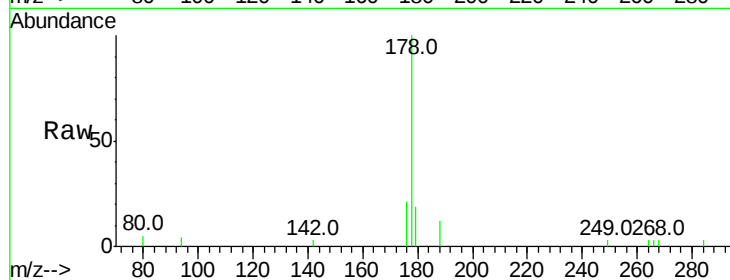
Tot Ion:178 Resp: 2137

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 17.4 16.0 24.0



#22

Anthracene

Concen: 0.18 ng

RT: 17.27 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

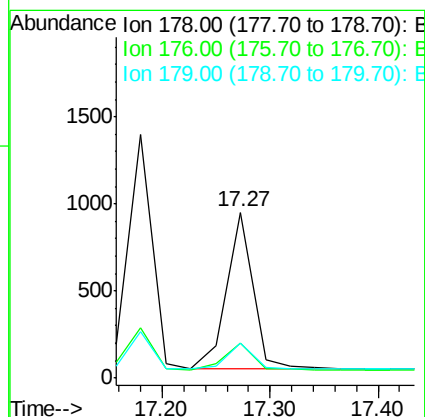
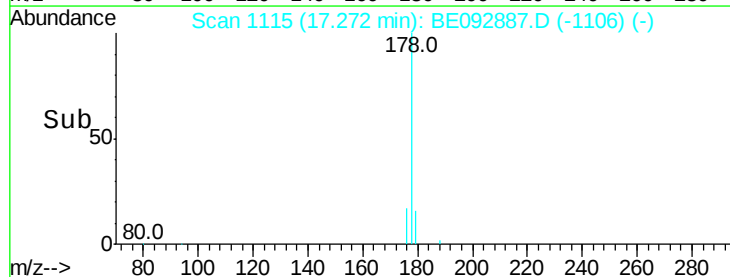
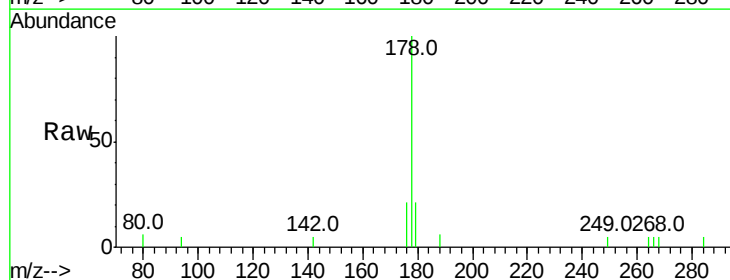
Tgt Ion:178 Resp: 1547

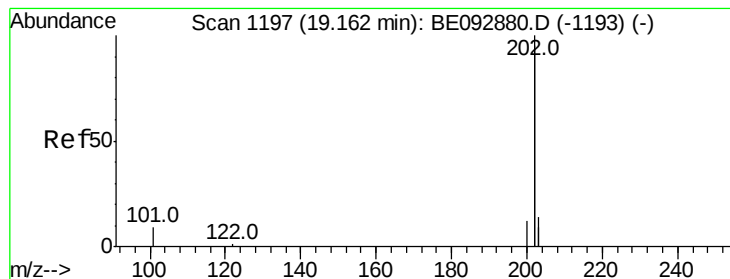
Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

179 16.2 12.2 18.2





#23

Fluoranthene

Concen: 0.18 ng

RT: 19.16 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

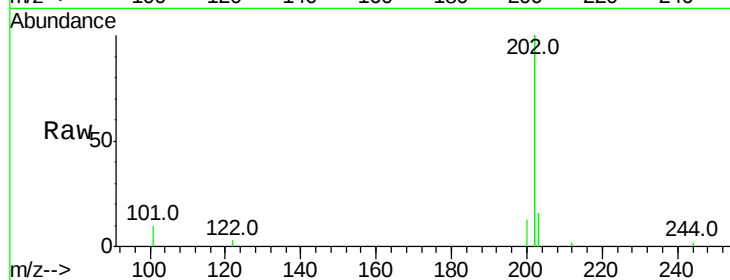
Tot Ion:202 Resp: 7114

Ion Ratio Lower Upper

202 100

101 3.2 2.2 3.4

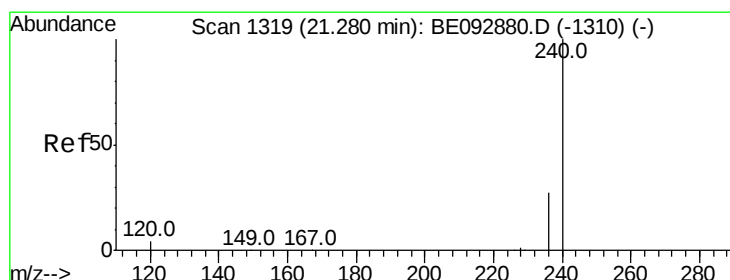
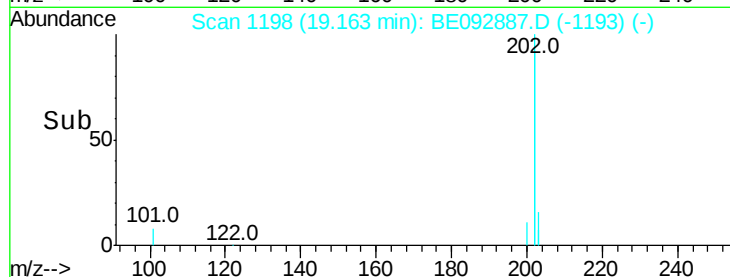
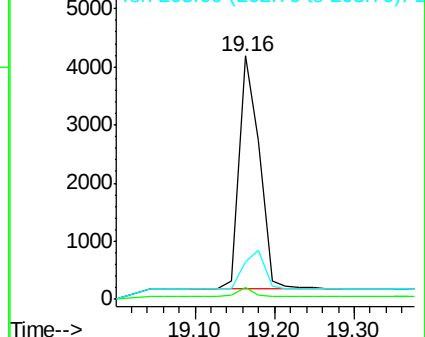
203 17.5 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

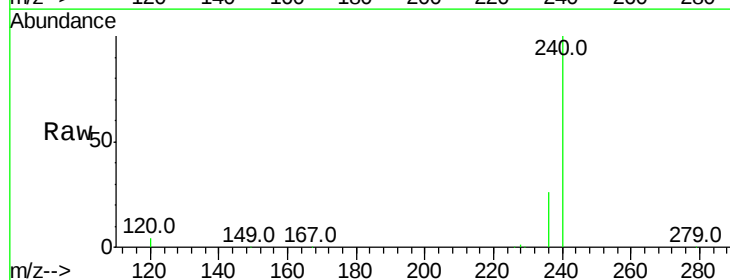
Tgt Ion:240 Resp: 43126

Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

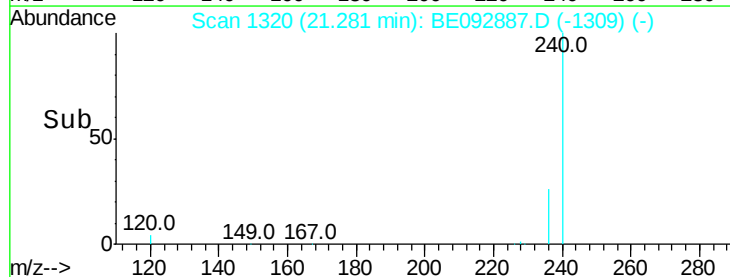
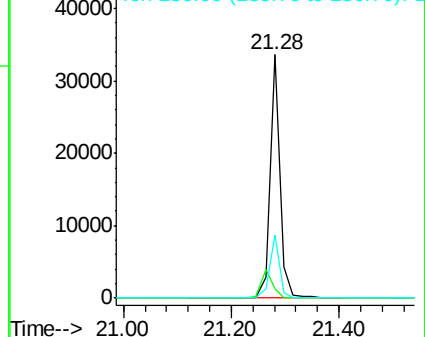
236 26.1 24.6 37.0

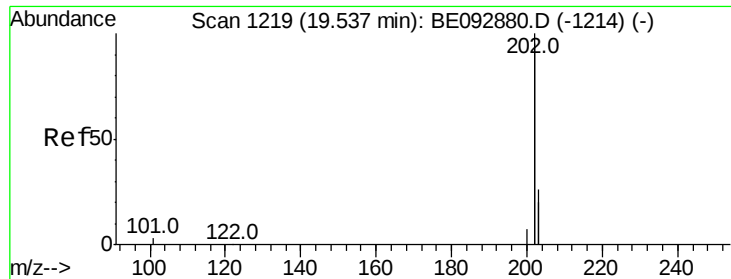


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

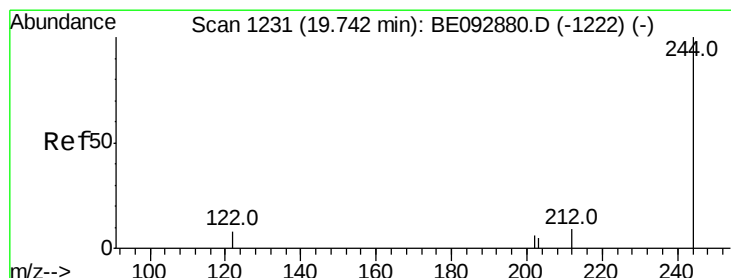
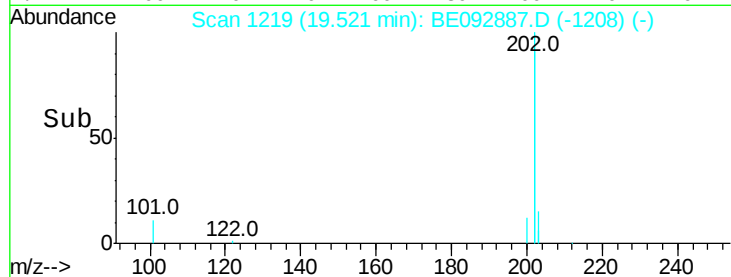
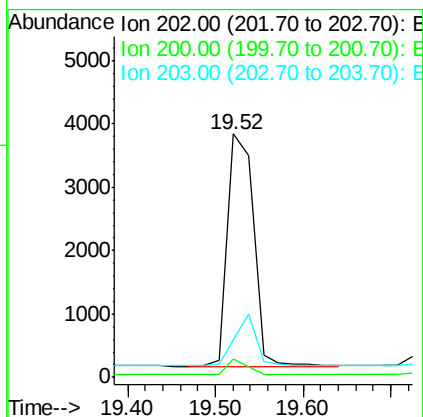
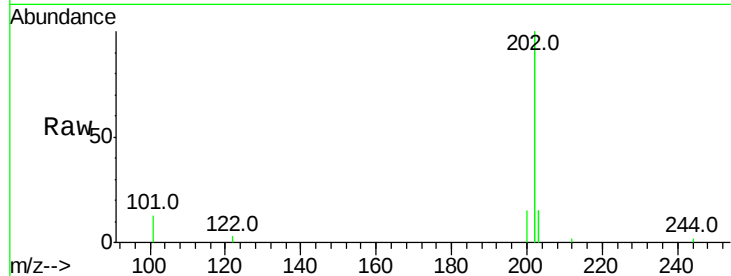




#25
Pvrene
Concen: 0.20 ng
RT: 19.52 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

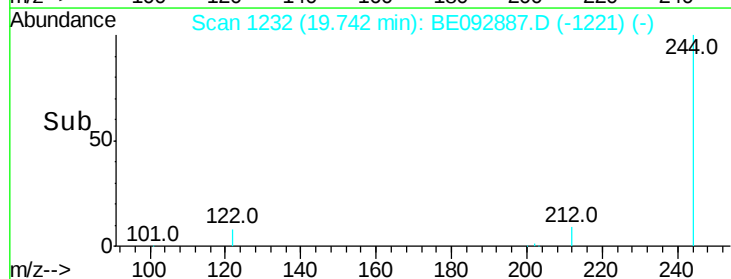
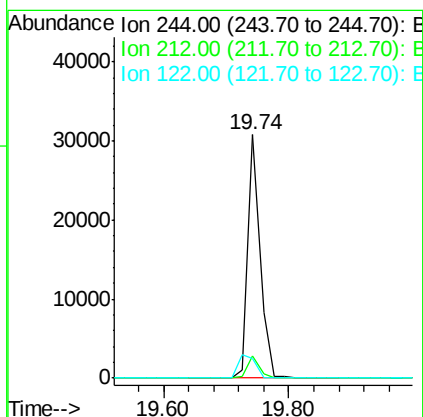
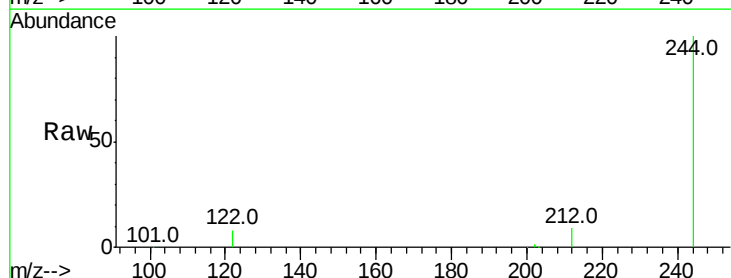
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2017

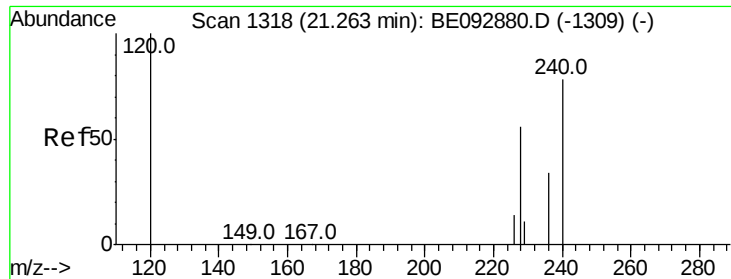
Tot Ion:202 Resp: 7568
Ion Ratio Lower Upper
202 100
200 5.1 4.2 6.4
203 18.2 13.9 20.9



#26
Terphenyl-d14
Concen: 6.24 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:244 Resp: 41372
Ion Ratio Lower Upper
244 100
212 9.3 6.7 10.1
122 8.2 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.18 ng

RT: 21.26 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

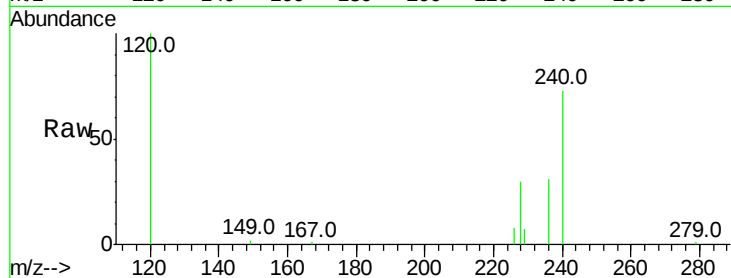
Tot Ion:228 Resp: 1691

Ion Ratio Lower Upper

228 100

226 27.7 23.6 35.4

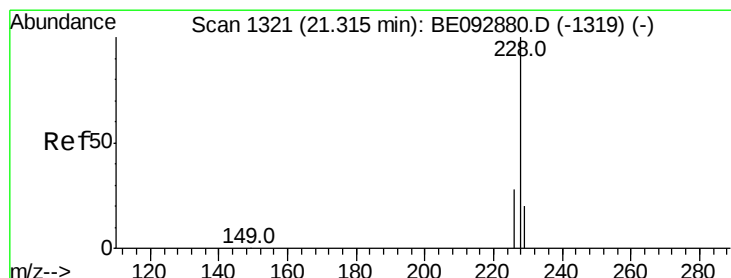
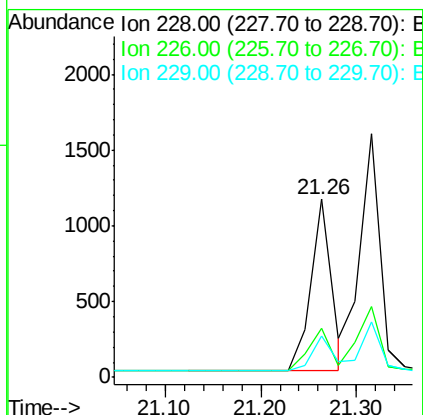
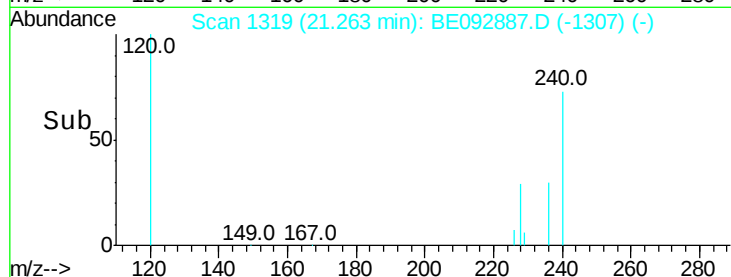
229 23.2 13.3 19.9#



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



#28

Chrysene

Concen: 0.21 ng

RT: 21.32 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

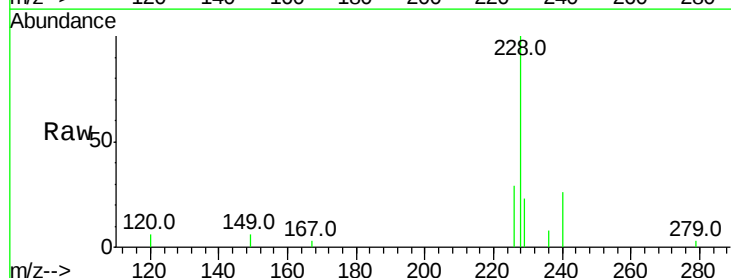
Tgt Ion:228 Resp: 2279

Ion Ratio Lower Upper

228 100

226 28.9 36.3 54.5#

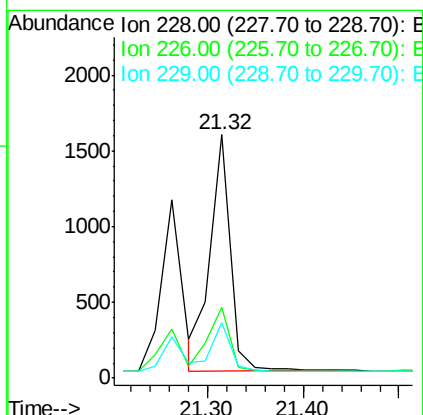
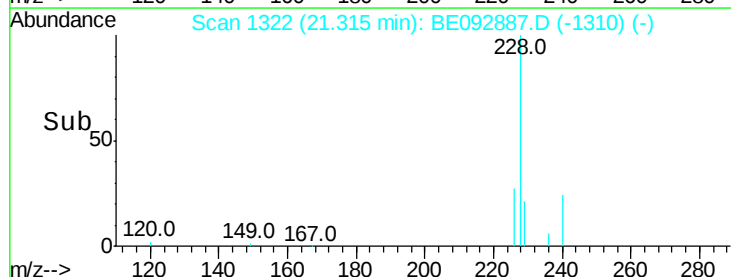
229 23.0 10.6 16.0#

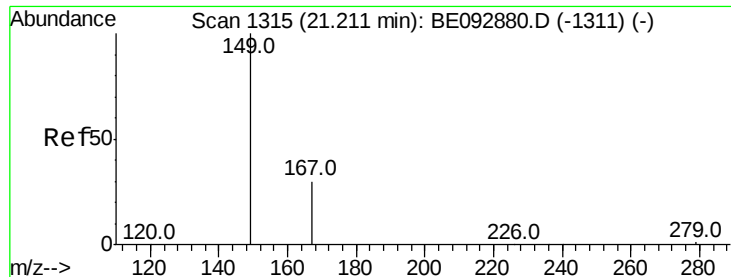


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

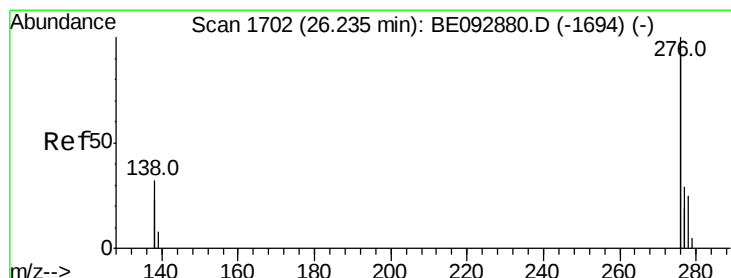
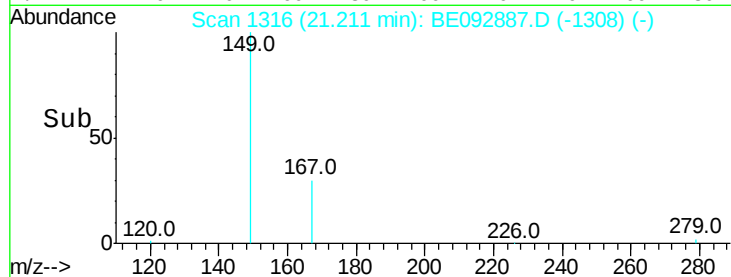
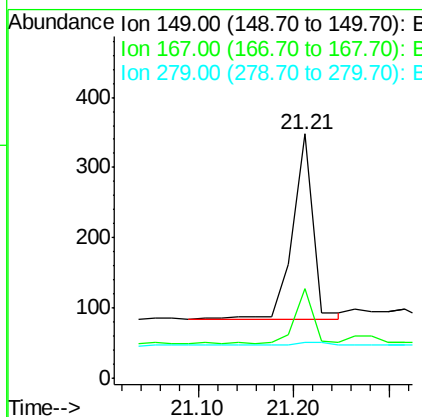
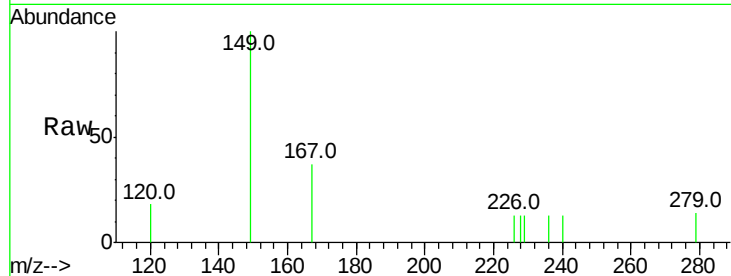




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.21 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

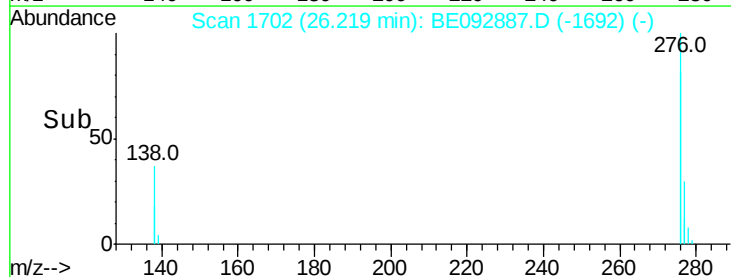
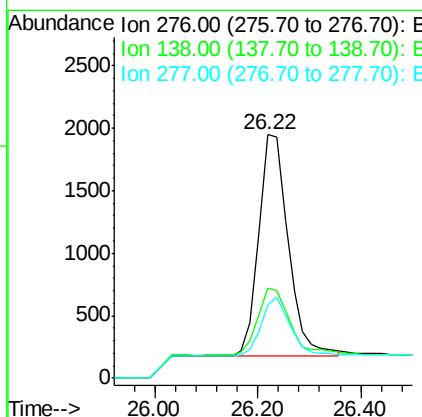
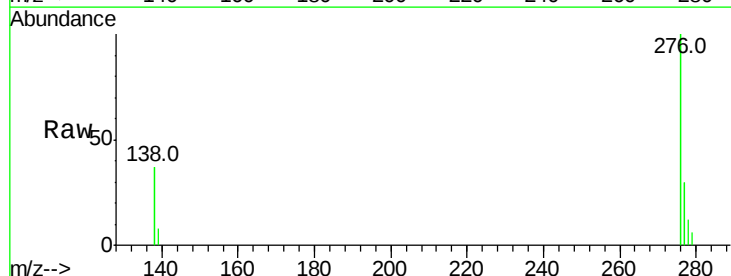
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

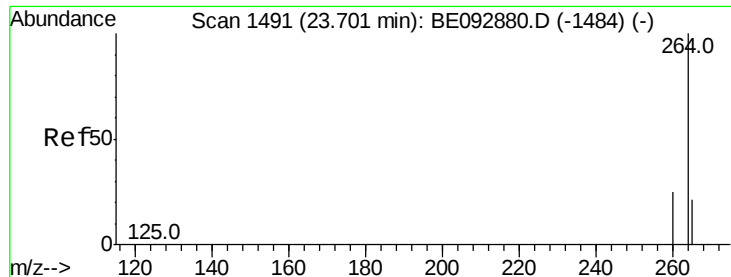
Tot Ion:149 Resp: 381
 Ion Ratio Lower Upper
 149 100
 167 26.5 16.0 24.0#
 279 2.1 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.20 ng
 RT: 26.22 min Scan# 1702
 Delta R.T. -0.03 min
 Lab File: BE092887.D
 Acq: 4 Apr 2017 16:34

Tgt Ion:276 Resp: 7050
 Ion Ratio Lower Upper
 276 100
 138 33.2 20.3 30.5#
 277 25.8 19.7 29.5

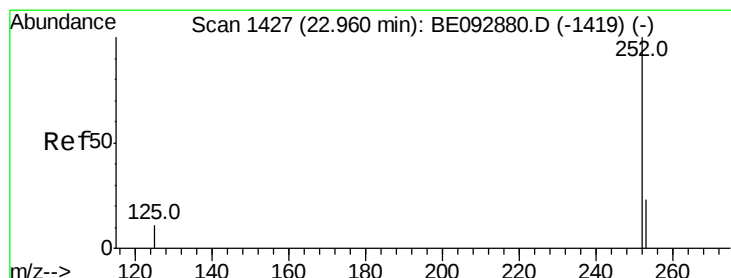
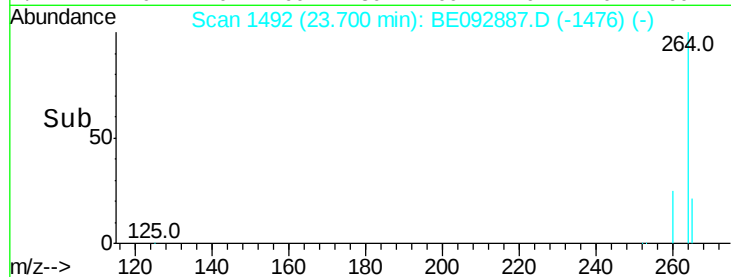
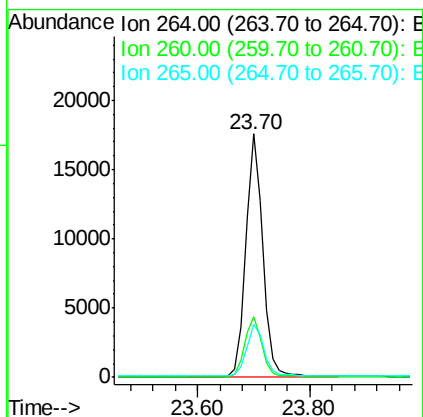
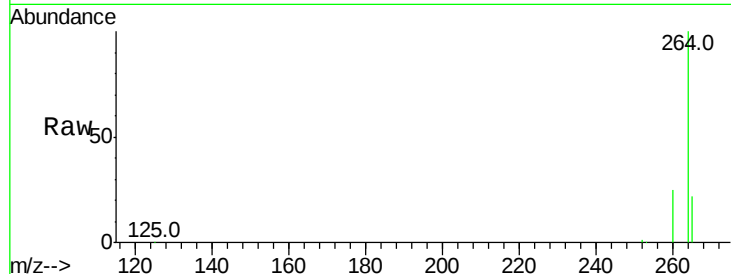




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

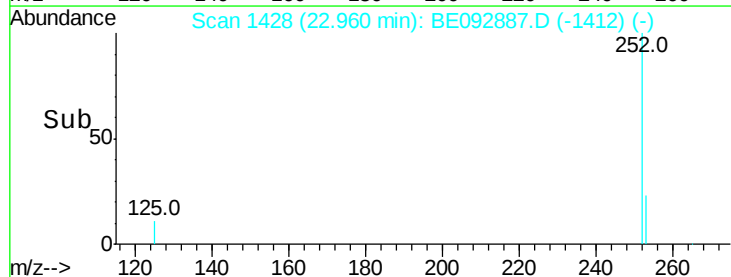
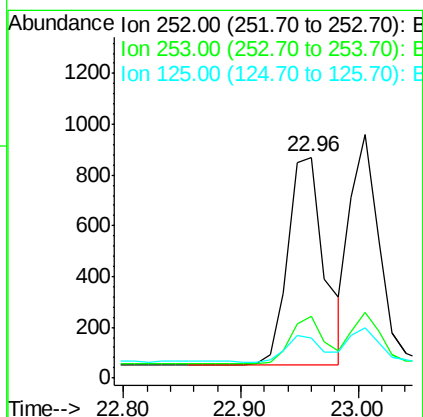
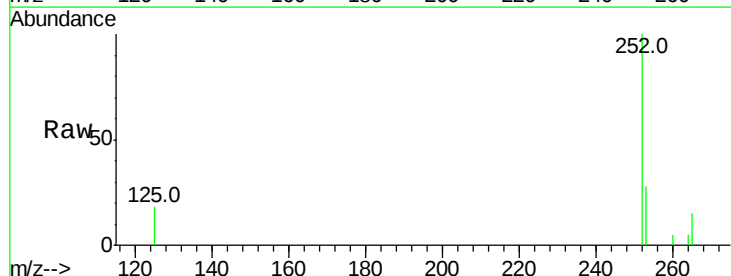
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2017

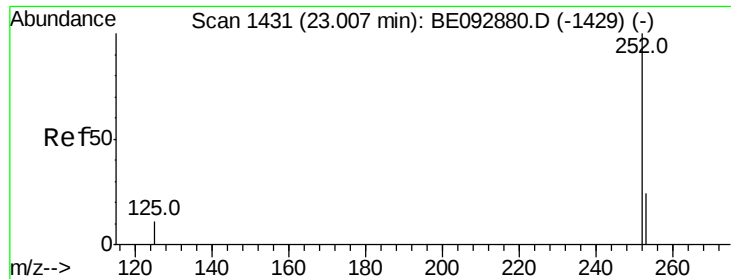
Tot Ion:264 Resp: 37364
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 21.7 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:252 Resp: 1770
Ion Ratio Lower Upper
252 100
253 28.1 18.7 28.1
125 18.1 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.19 ng

RT: 23.01 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

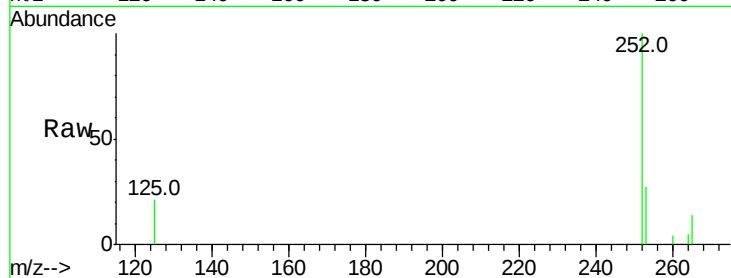
Tot Ion:252 Resp: 1590

Ion Ratio Lower Upper

252 100

253 26.9 20.3 30.5

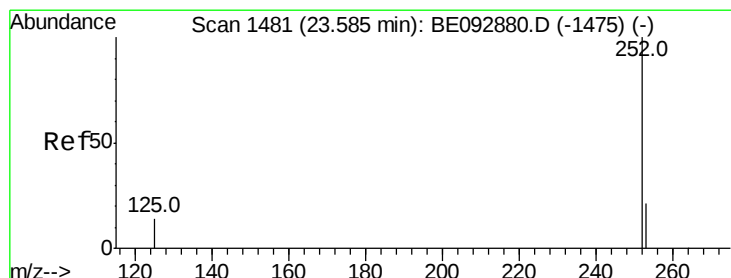
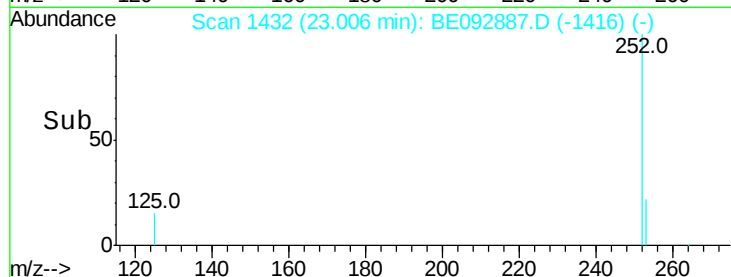
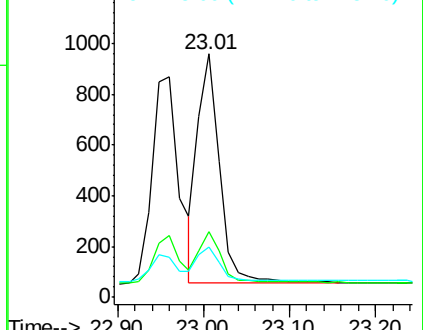
125 20.9 9.6 14.4#



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



#34

Benzo(a)pyrene

Concen: 0.19 ng

RT: 23.58 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE092887.D

Acq: 4 Apr 2017 16:34

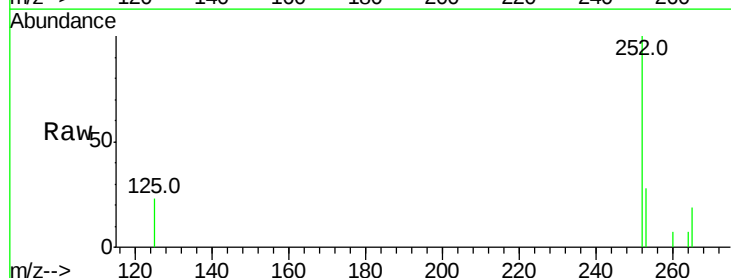
Tgt Ion:252 Resp: 1332

Ion Ratio Lower Upper

252 100

253 28.5 19.0 28.6

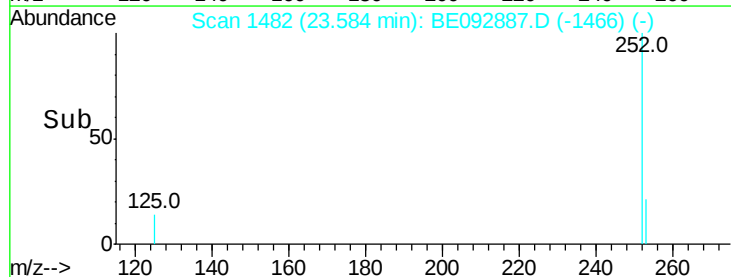
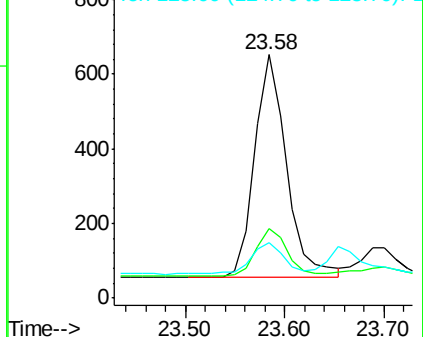
125 22.5 11.8 17.8#

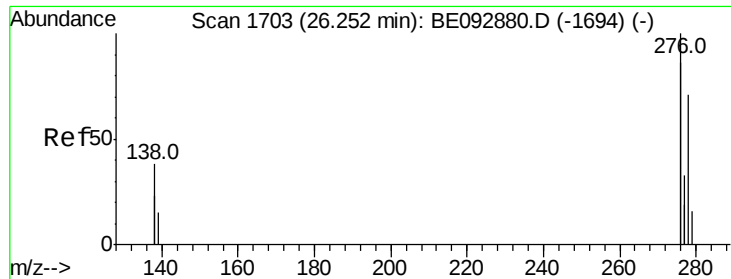


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

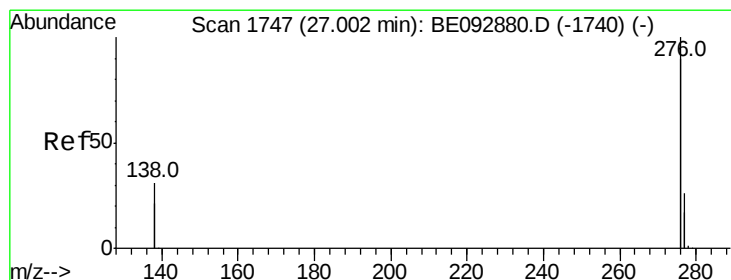
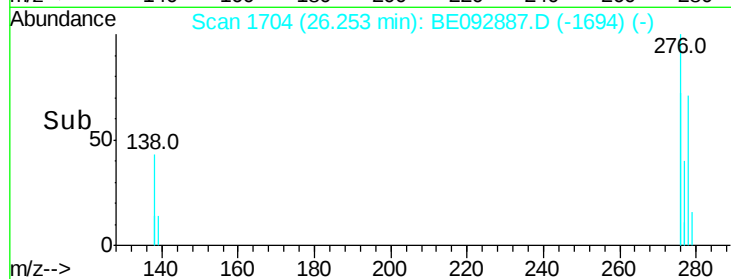
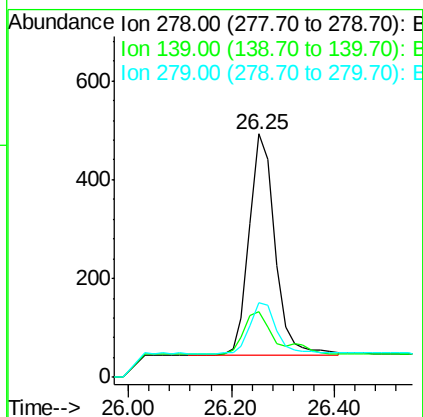
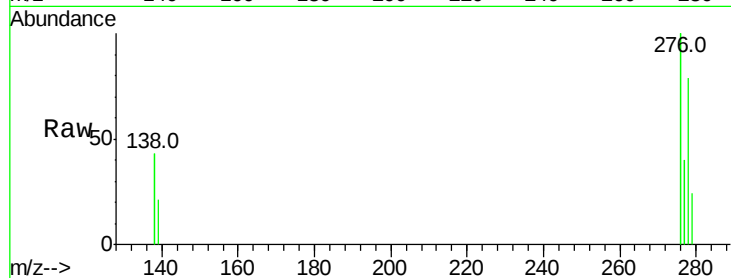




#35
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 26.25 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2017

Tot Ion:278 Resp: 1556
Ion Ratio Lower Upper
278 100
139 27.2 13.8 20.8#
279 30.6 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.00 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE092887.D
Acq: 4 Apr 2017 16:34

Tgt Ion:276 Resp: 6574
Ion Ratio Lower Upper
276 100
277 30.7 19.8 29.8#
138 33.4 19.8 29.6#

