

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092616\
 Data File : BE092427.D
 Acq On : 26 Sep 2016 15:42
 Operator : UM/SJ
 Sample : H4818-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016--02-QT4

Quant Time: Sep 26 16:28:10 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	12458	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	52720	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32453	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	57703	5.00	ng	0.02
24) Chrysene-d12	21.75	240	67570	5.00	ng	0.00
31) Perylene-d12	24.12	264	66940	5.00	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	19405	6.62	ng	-0.02
5) Phenol-d6	7.34	99	23778	5.69	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10543	2.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4507	4.00	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	25870	3.37	ng	0.00
26) Terphenyl-d14	20.19	244	26050	3.11	ng	0.02

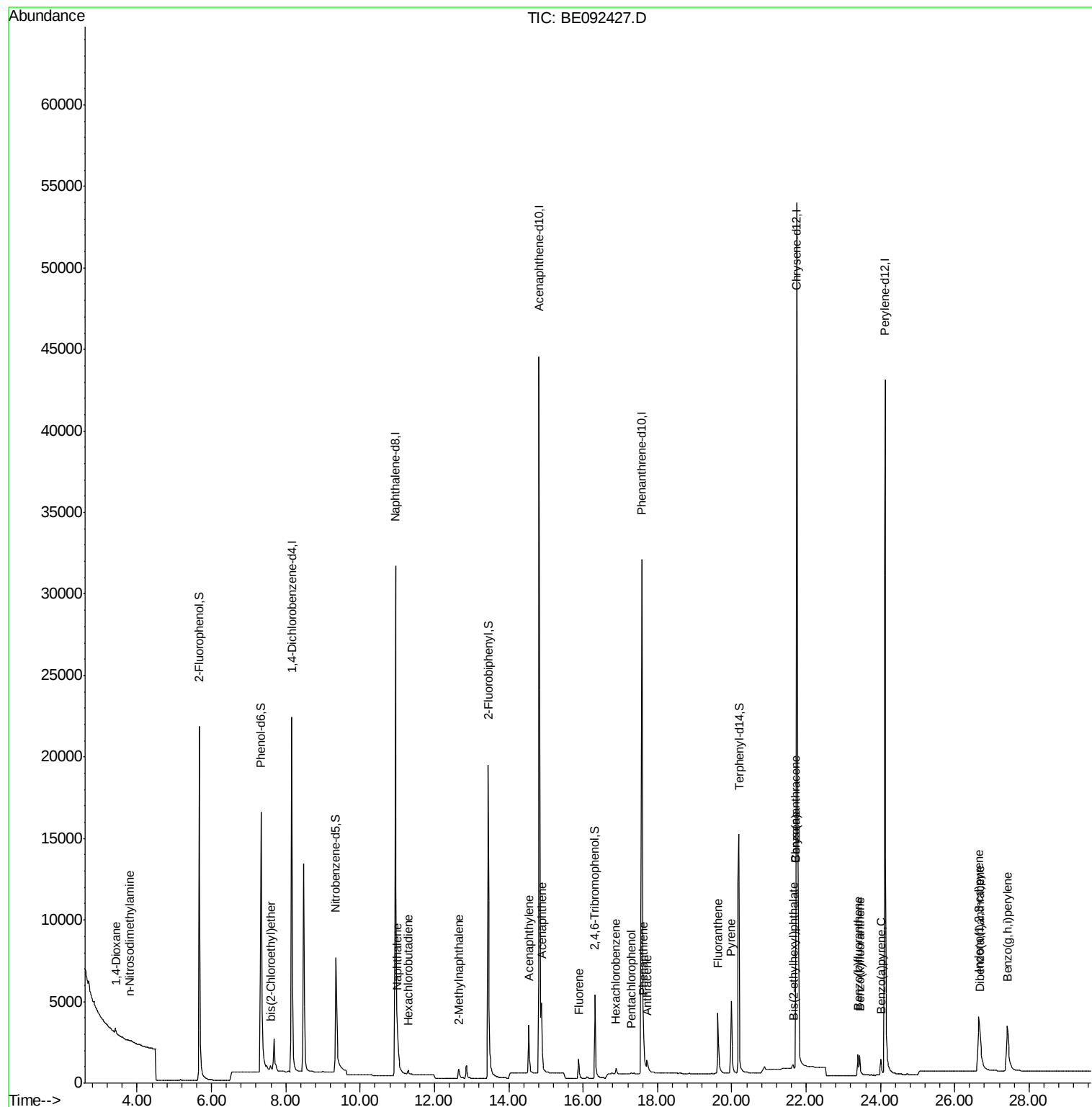
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	194	0.03	ng	# 6
3) n-Nitrosodimethylamine	3.81	42	135	0.26	ng	# 89
6) bis(2-Chloroethyl)ether	7.59	93	344	0.19	ng	92
9) Naphthalene	11.01	128	1457	0.13	ng	# 88
10) Hexachlorobutadiene	11.30	225	240	0.13	ng	97
11) 2-Methylnaphthalene	12.66	142	815	0.11	ng	96
15) Acenaphthylene	14.54	152	5716	0.12	ng	100
16) Acenaphthene	14.88	154	1037	0.14	ng	92
17) Fluorene	15.88	166	1068	0.11	ng	99
19) Hexachlorobenzene	16.89	284	337	0.14	ng	97
20) Pentachlorophenol	17.30	266	57	0.24	ng	# 81
21) Phenanthrene	17.63	178	1760	0.13	ng	# 77
22) Anthracene	17.72	178	1400	0.11	ng	99
23) Fluoranthene	19.63	202	6759	0.11	ng	99
25) Pyrene	19.99	202	7042	0.12	ng	100
27) Benzo(a)anthracene	21.72	228	16771	0.25	ng	95
28) Chrysene	21.72	228	17005	0.28	ng	# 83
29) Bis(2-ethylhexyl)phthalate	21.66	149	579	0.10	ng	# 80
30) Indeno(1,2,3-cd)pyrene	26.65	276	8480	0.13	ng	99
32) Benzo(b)fluoranthene	23.39	252	1951	0.12	ng	# 90
33) Benzo(k)fluoranthene	23.44	252	2178	0.13	ng	# 91
34) Benzo(a)pyrene	24.02	252	1954	0.12	ng	# 86
35) Dibenzo(a,h)anthracene	26.68	278	1733	0.12	ng	# 82
36) Benzo(g,h,i)perylene	27.42	276	8455	0.14	ng	# 88

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

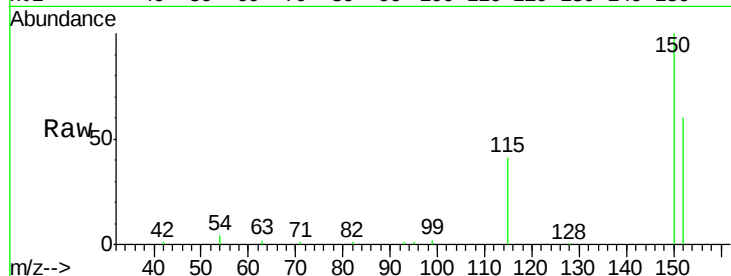
Tgt Ion:152 Resp: 12458

Ion Ratio Lower Upper

152 100

150 166.8 106.0 159.0#

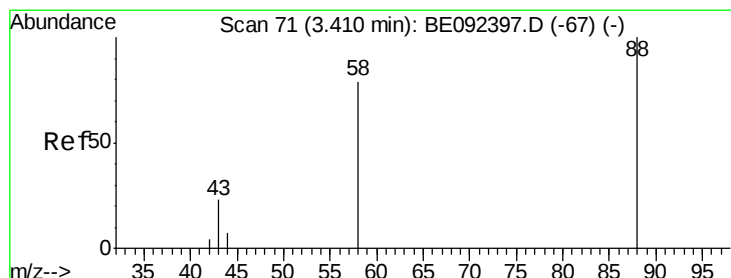
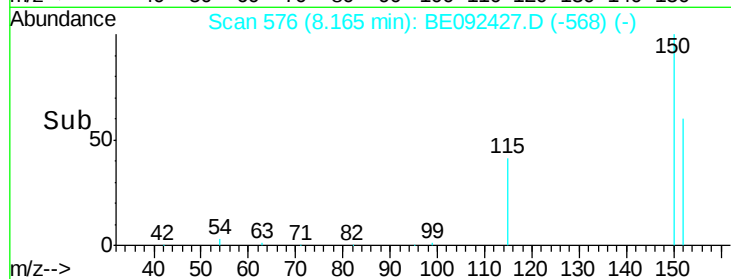
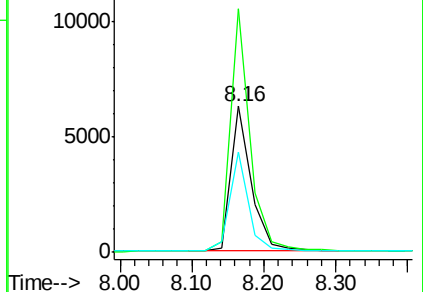
115 68.9 31.2 46.8#



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: 0.03 ng

RT: 3.42 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

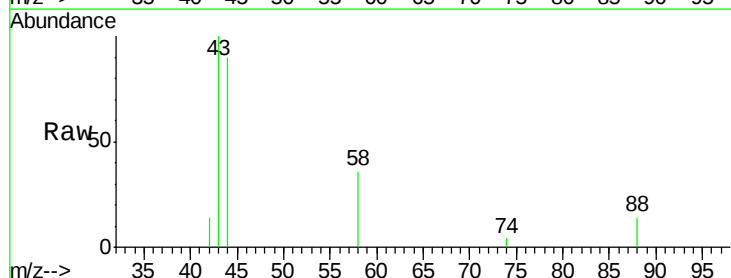
Tgt Ion: 88 Resp: 194

Ion Ratio Lower Upper

88 100

58 175.3 63.6 95.4#

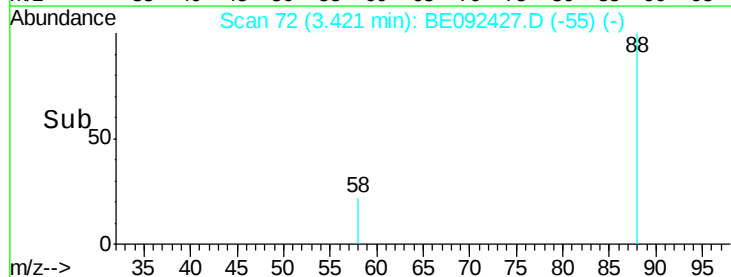
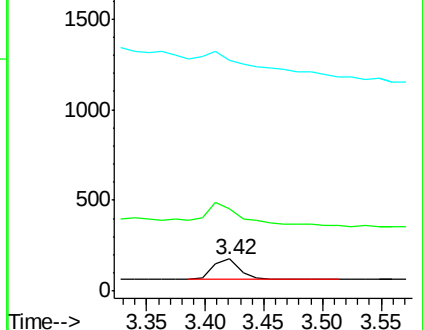
43 0.0 28.0 42.0#

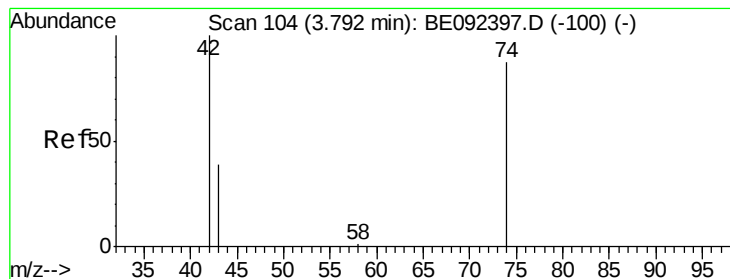


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.26 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.01 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

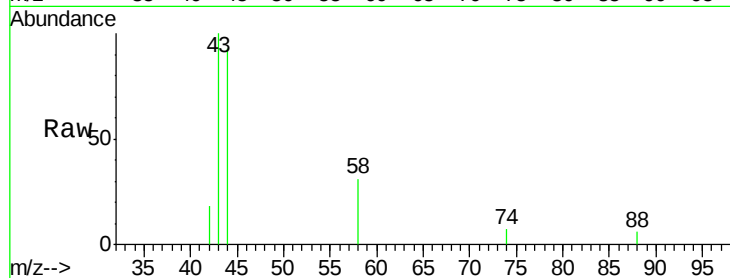
Tgt Ion: 42 Resp: 135

Ion Ratio Lower Upper

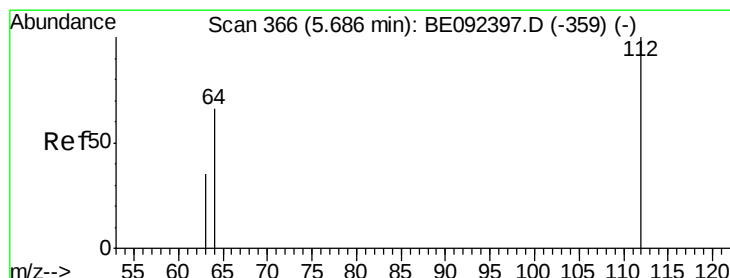
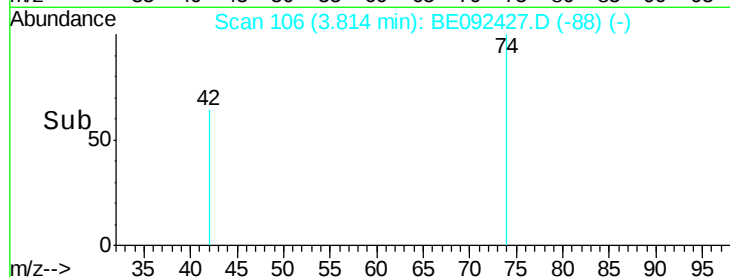
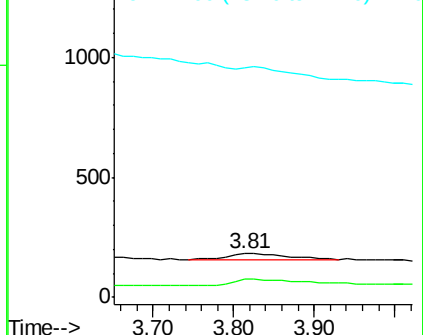
42 100

74 118.5 86.0 129.0

44 0.0 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: 6.62 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

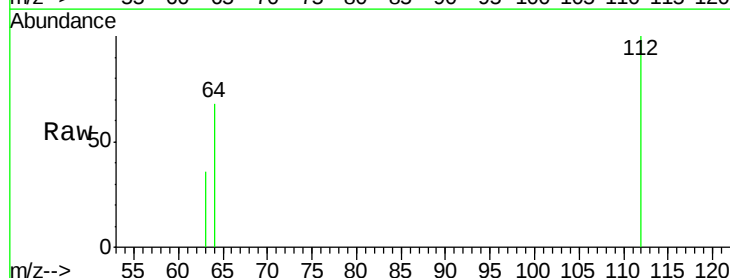
Tgt Ion: 112 Resp: 19405

Ion Ratio Lower Upper

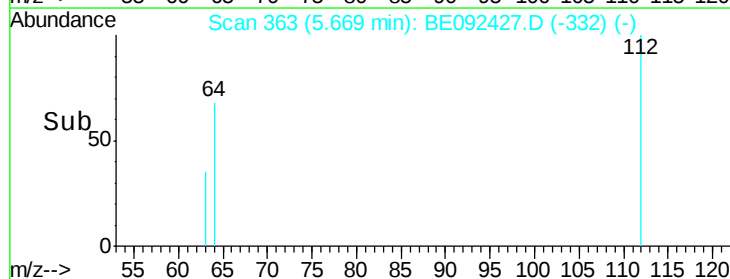
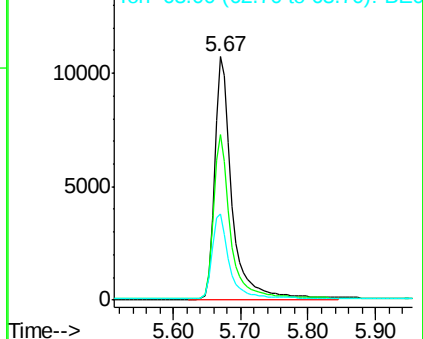
112 100

64 67.2 53.5 80.3

63 35.9 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: 5.69 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

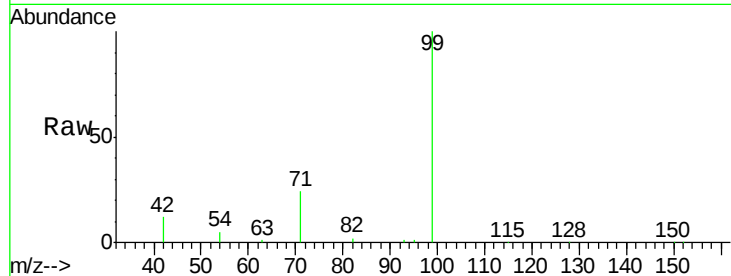
Tgt Ion: 99 Resp: 23778

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

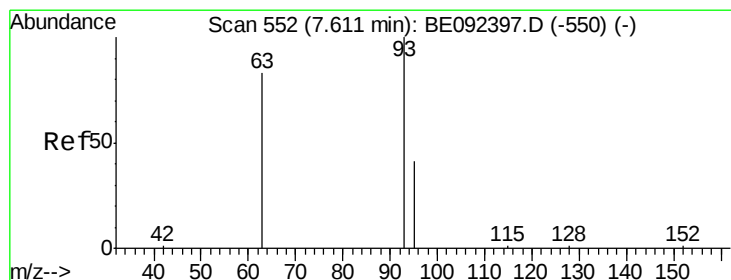
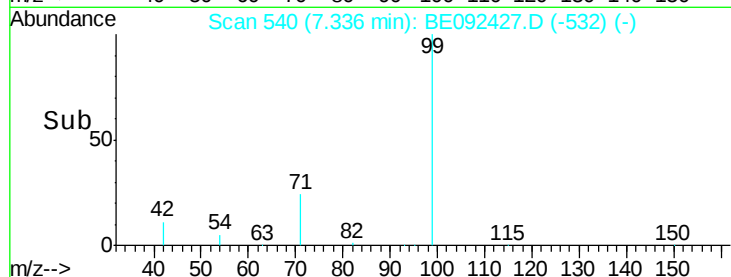
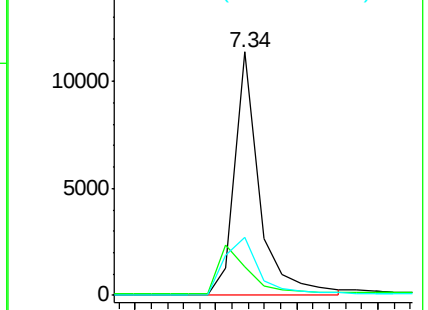
71 33.2 30.6 45.8



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: 0.19 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

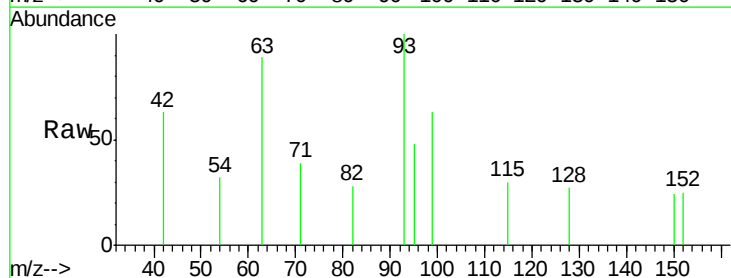
Tgt Ion: 93 Resp: 344

Ion Ratio Lower Upper

93 100

63 80.8 71.6 107.4

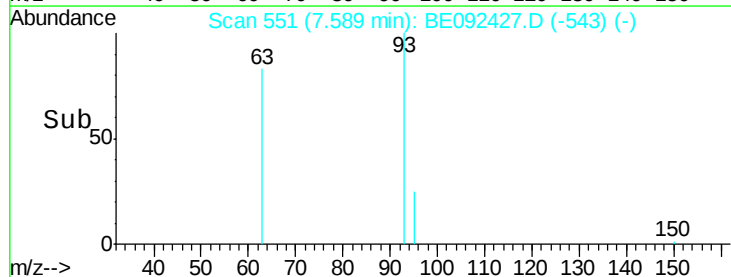
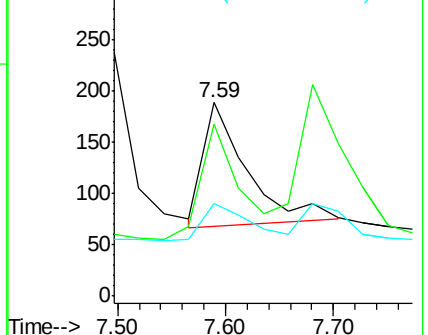
95 32.6 24.0 36.0

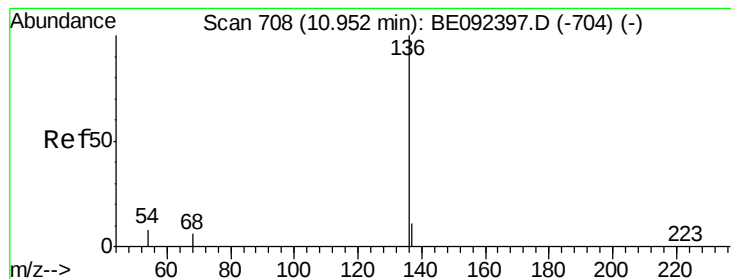


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

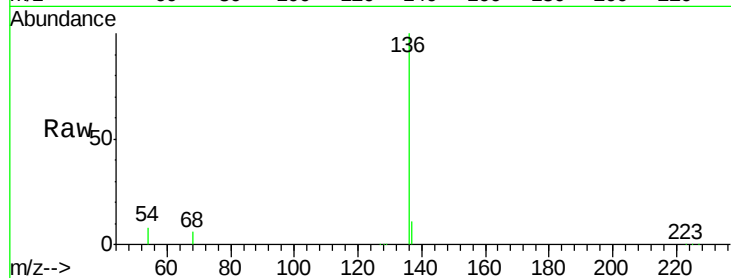
Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

Tgt Ion:	136	Resp:	52720
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	7.8	9.6	14.4#
68	5.8	6.7	10.1#

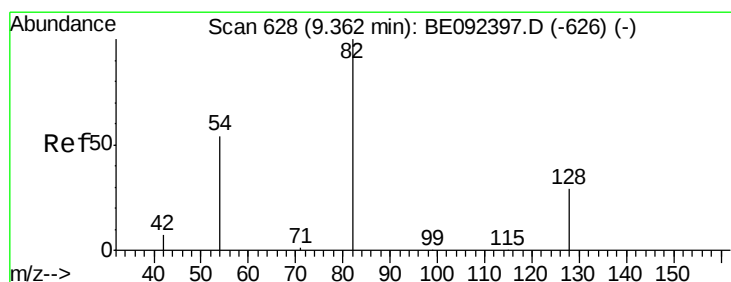
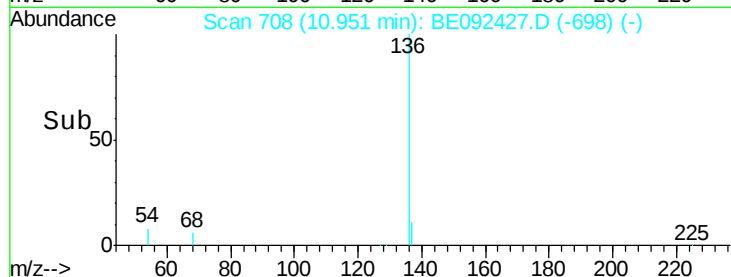
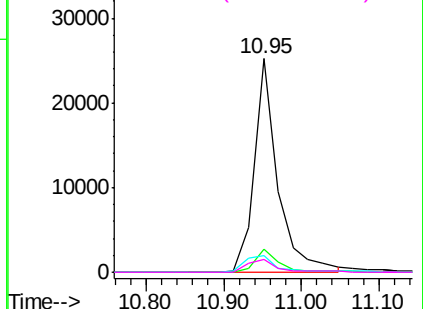


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 2.85 ng

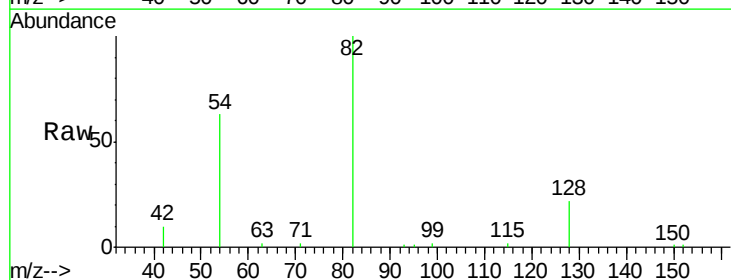
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

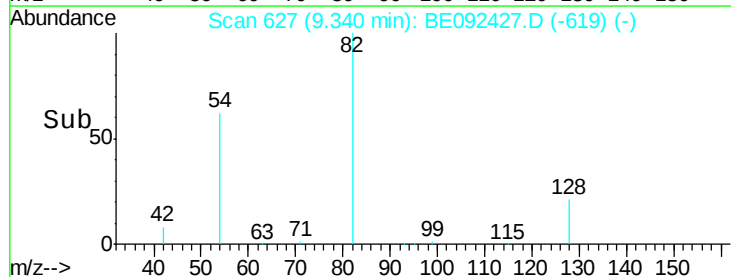
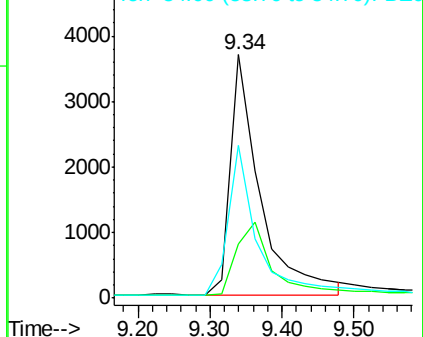
Tgt Ion:	82	Resp:	10543
Ion	Ratio	Lower	Upper
82	100		
128	22.3	39.0	58.4#
54	62.5	44.8	67.2

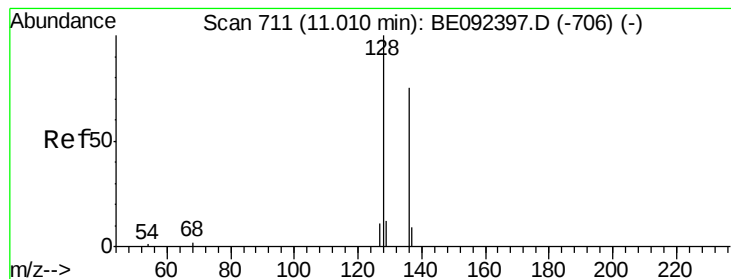


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.13 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

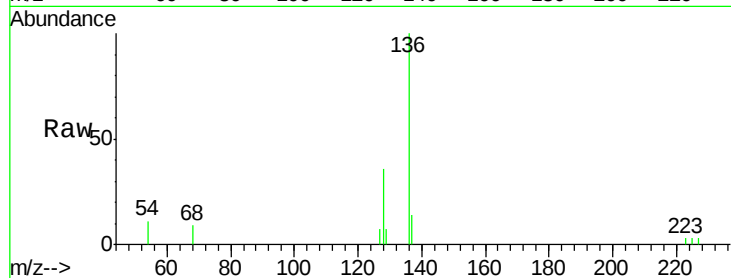
Tgt Ion:128 Resp: 1457

Ion Ratio Lower Upper

128 100

129 19.0 11.2 16.8#

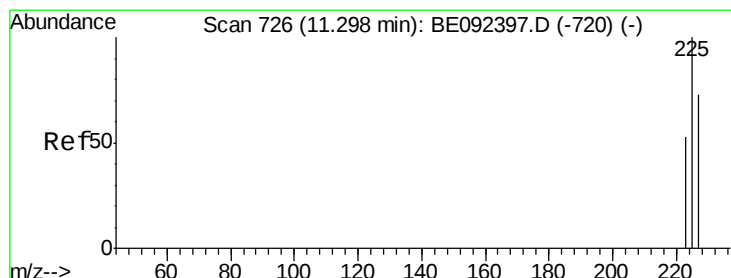
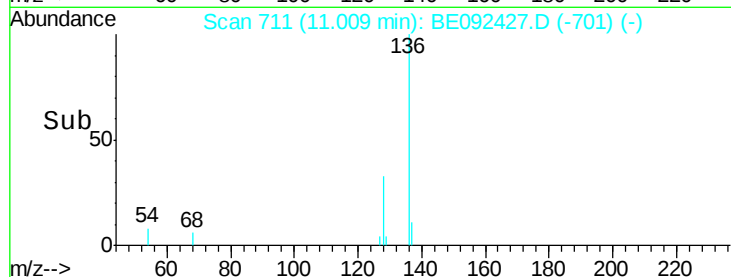
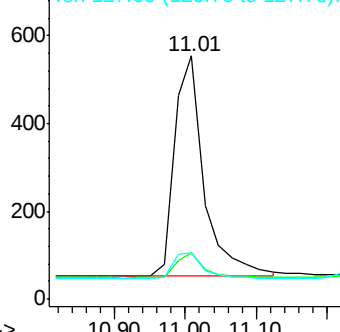
127 19.1 11.6 17.4#



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: 0.13 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

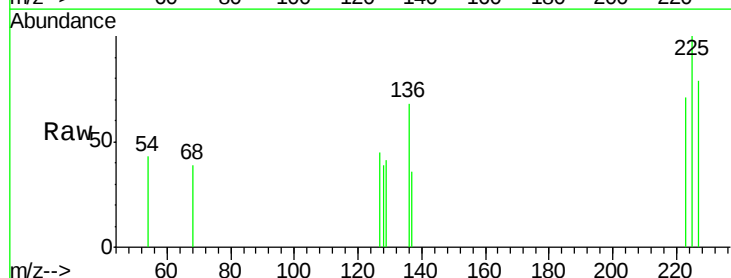
Tgt Ion:225 Resp: 240

Ion Ratio Lower Upper

225 100

223 60.4 50.6 76.0

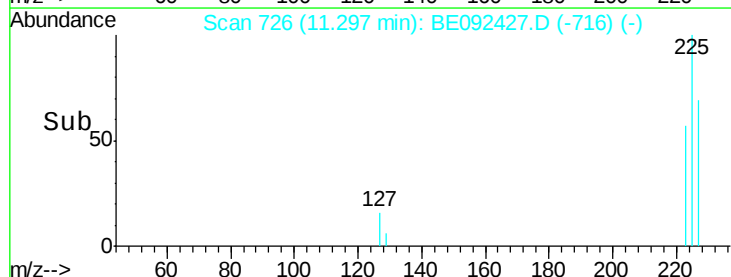
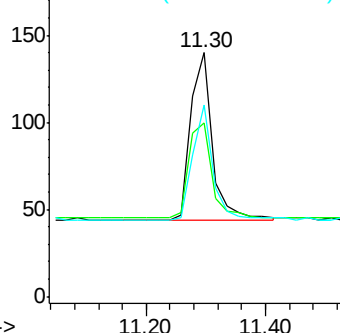
227 62.9 51.4 77.0



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: 0.11 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

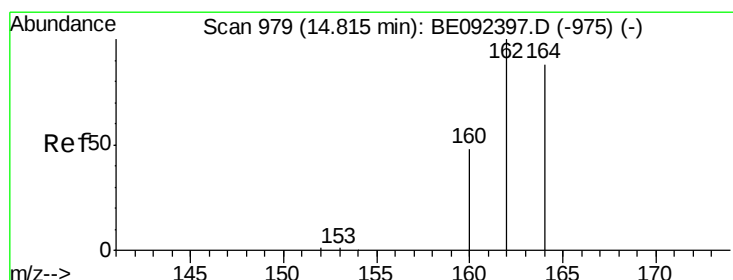
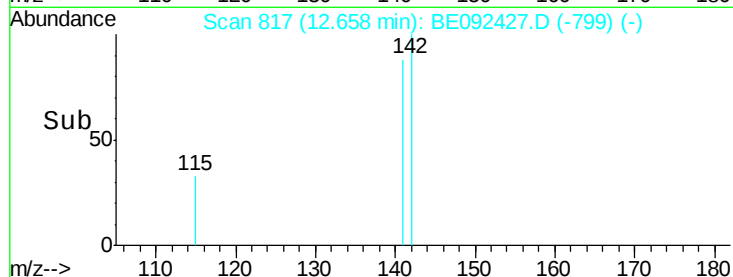
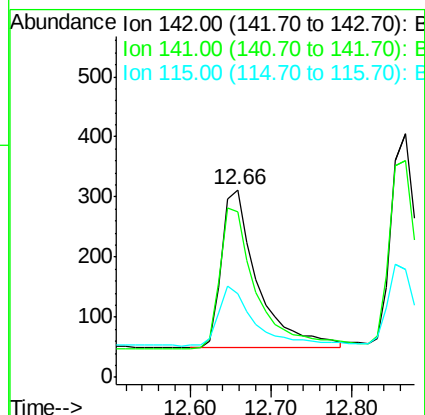
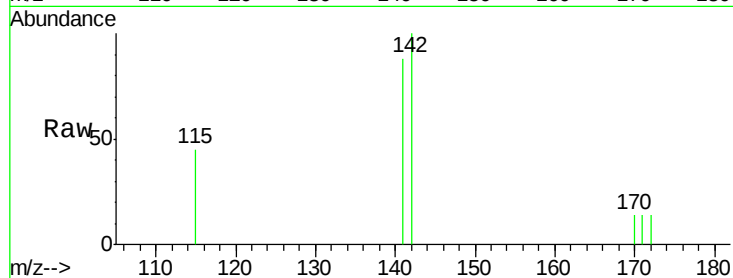
Tgt Ion:142 Resp: 815

Ion Ratio Lower Upper

142 100

141 88.1 73.7 110.5

115 44.6 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

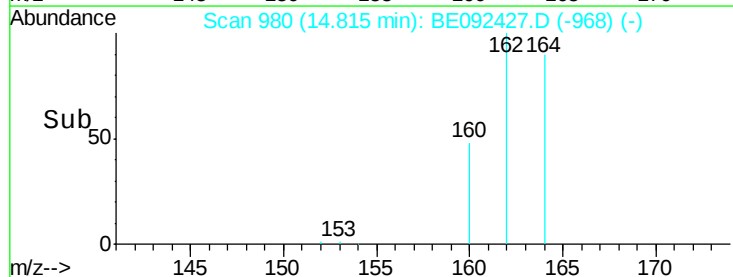
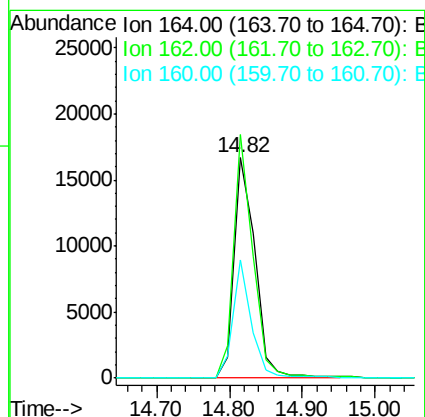
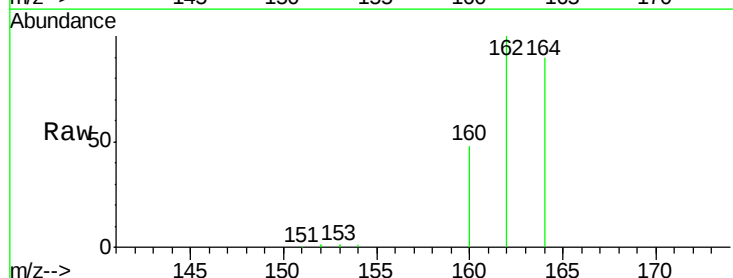
Tgt Ion:164 Resp: 32453

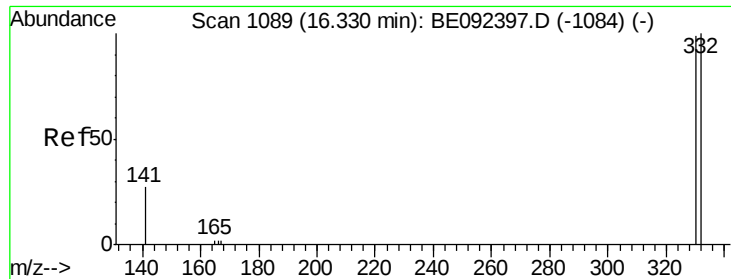
Ion Ratio Lower Upper

164 100

162 110.7 71.4 107.0#

160 53.6 27.4 41.2#

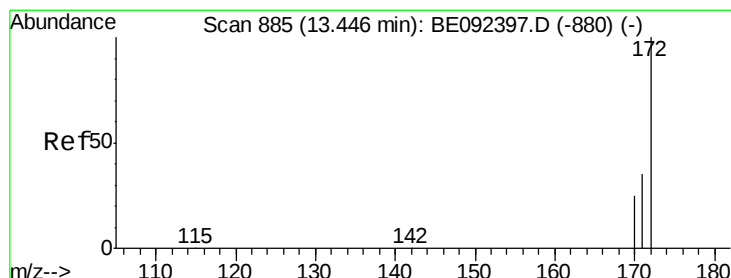
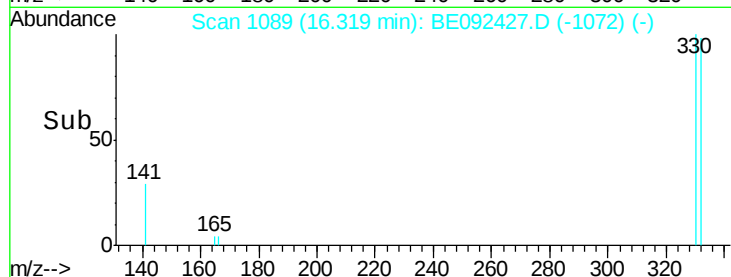
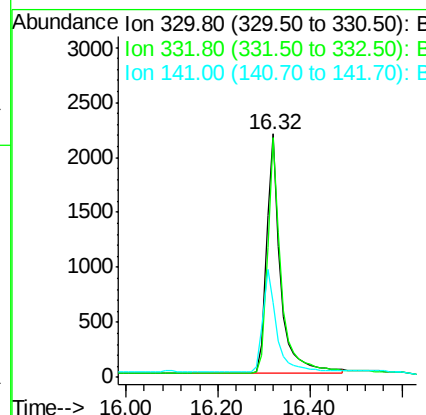
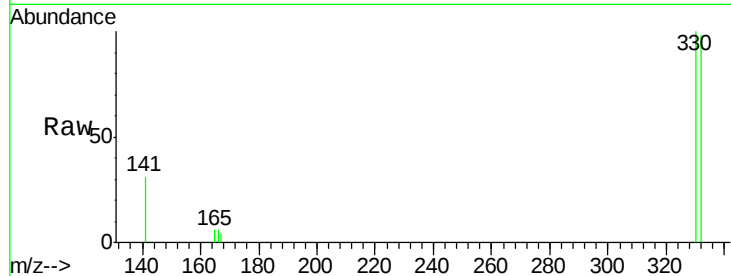




#13
 2,4,6-Tribromophenol
 Concen: 4.00 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

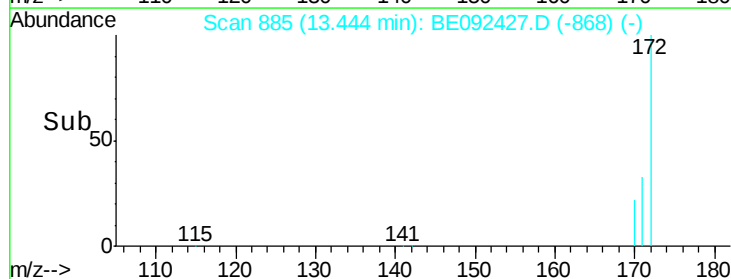
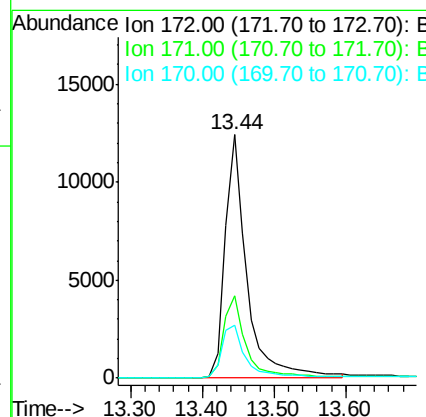
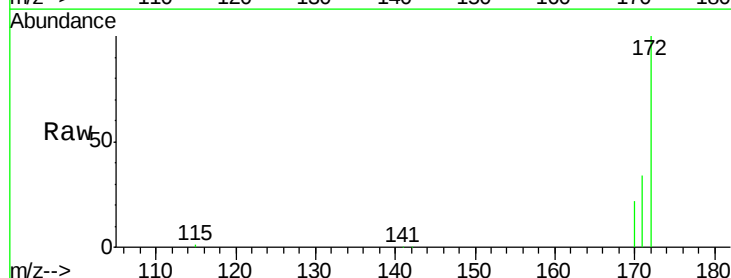
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016--02-QT4

Tgt Ion:330 Resp: 4507
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 42.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.37 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

Tgt Ion:172 Resp: 25870
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.1 45.1
 170 21.9 21.8 32.6





#15

Acenaphthylene

Concen: 0.12 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

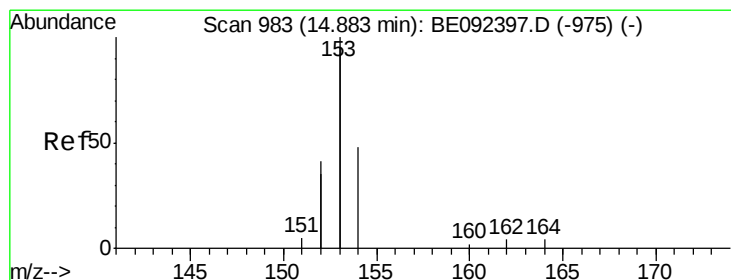
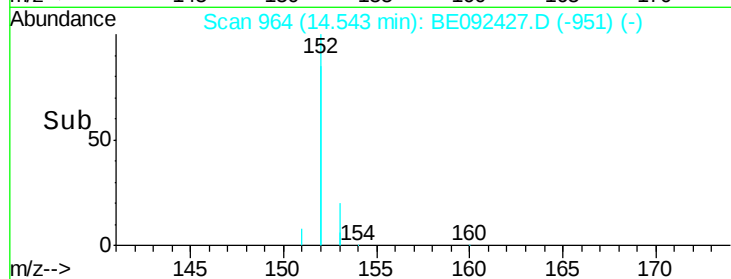
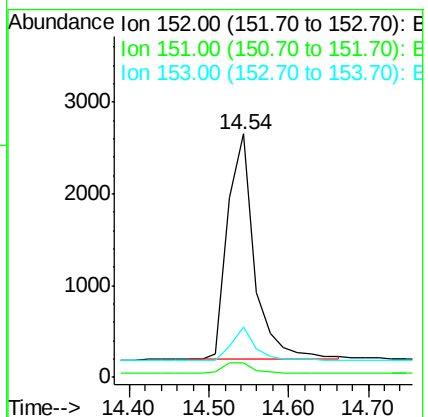
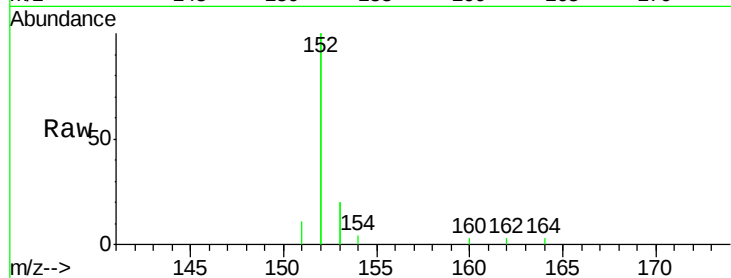
Tgt Ion:152 Resp: 5716

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.14 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

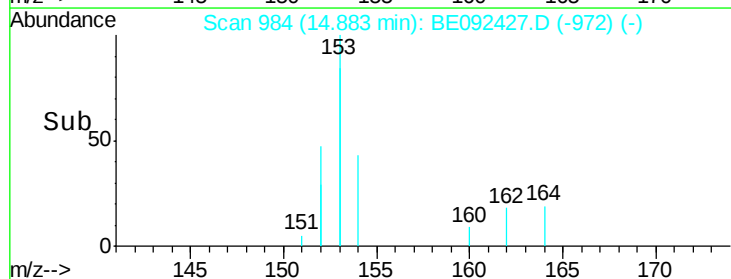
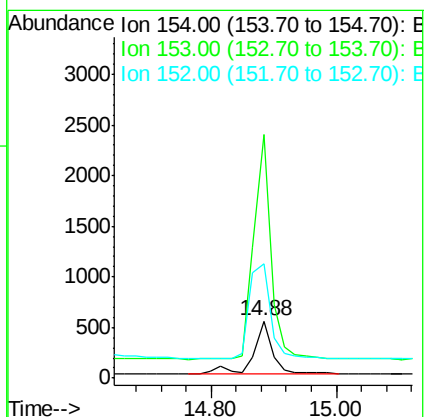
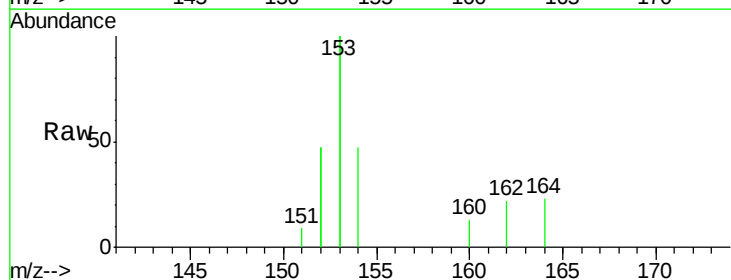
Tgt Ion:154 Resp: 1037

Ion Ratio Lower Upper

154 100

153 411.0 350.8 526.2

152 210.5 171.1 256.7

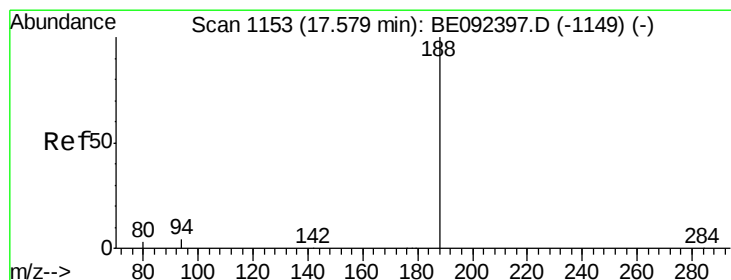
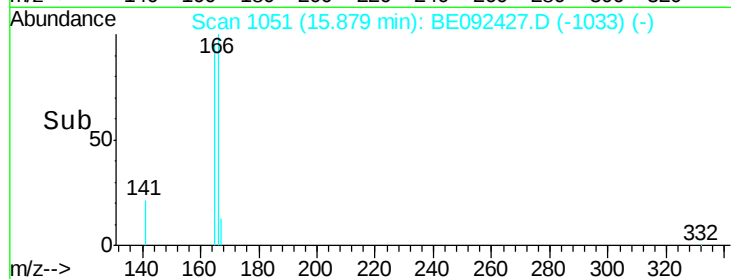
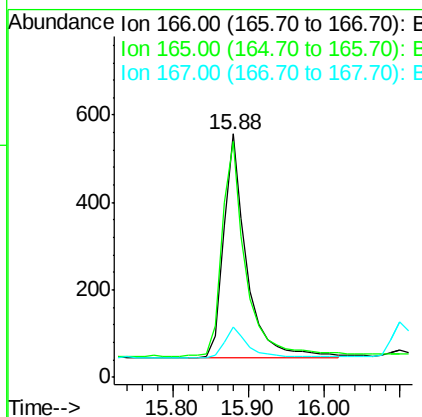
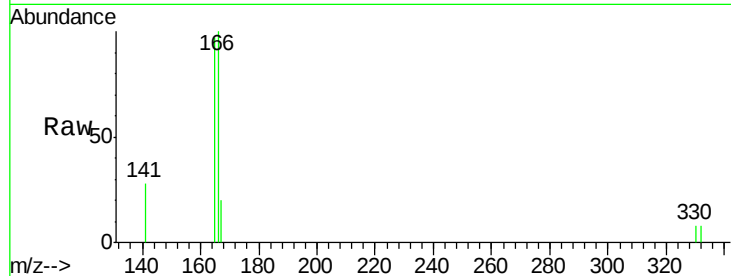




#17
Fluorene
 Concen: 0.11 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

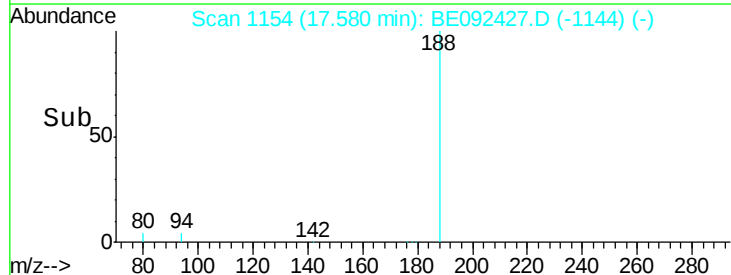
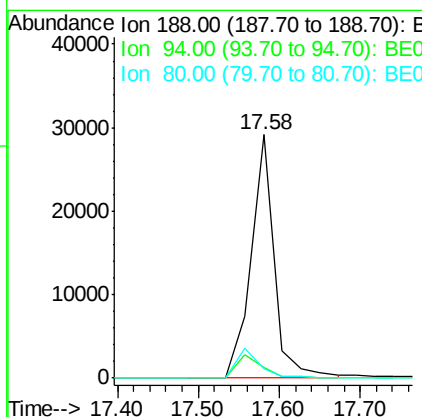
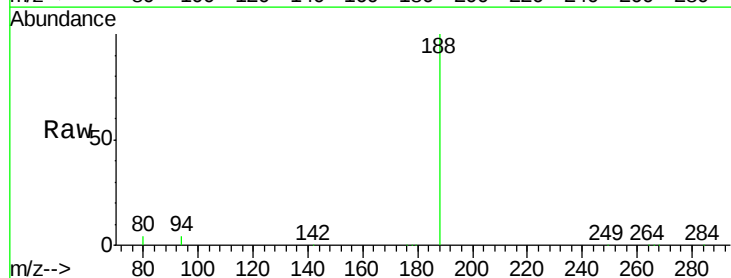
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016--02-QT4

Tgt Ion:166 Resp: 1068
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

Tgt Ion:188 Resp: 57703
 Ion Ratio Lower Upper
 188 100
 94 4.4 3.2 4.8
 80 4.0 2.6 3.8#

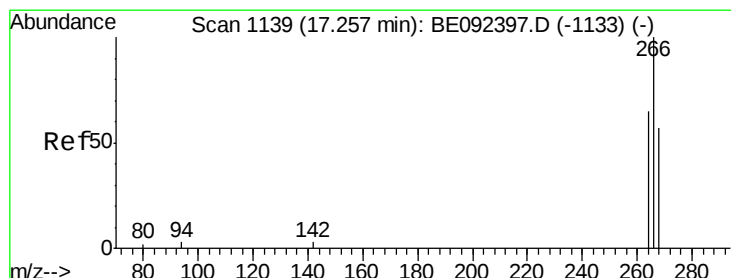
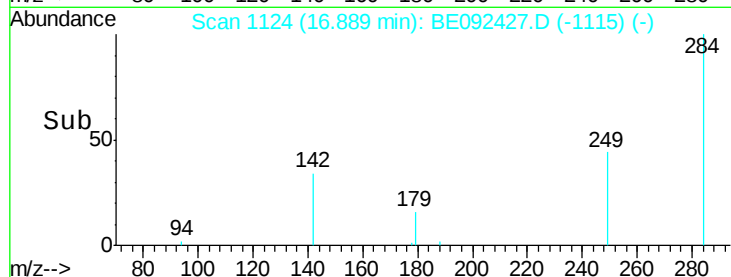
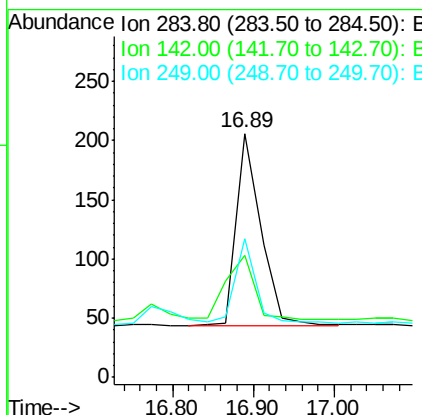
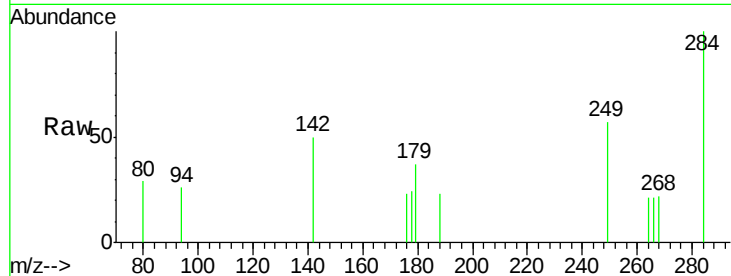




#19
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092427.D
Acq: 26 Sep 2016 15:42

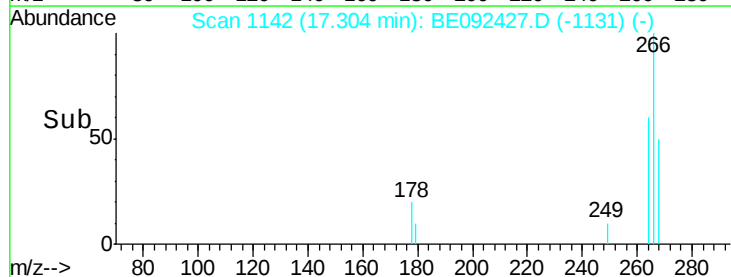
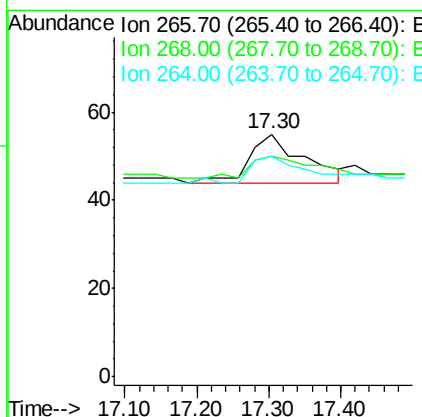
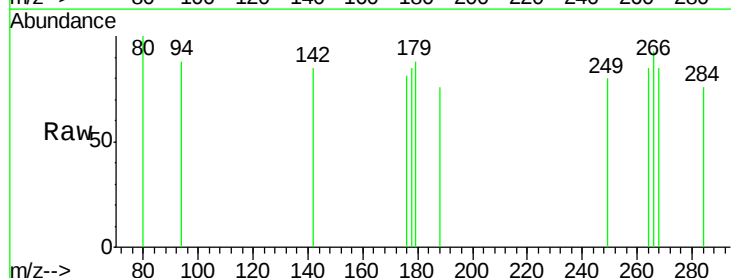
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016--02-QT4

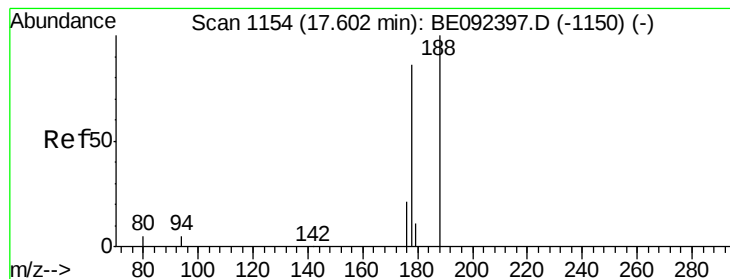
Tgt Ion: 284 Resp: 337
Ion Ratio Lower Upper
284 100
142 38.3 29.1 43.7
249 36.5 27.9 41.9



#20
Pentachlorophenol
Concen: 0.24 ng
RT: 17.30 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BE092427.D
Acq: 26 Sep 2016 15:42

Tgt Ion: 266 Resp: 57
Ion Ratio Lower Upper
266 100
268 90.9 62.5 93.7
264 90.9 57.2 85.8#





#21

Phenanthrene

Concen: 0.13 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02-QT4

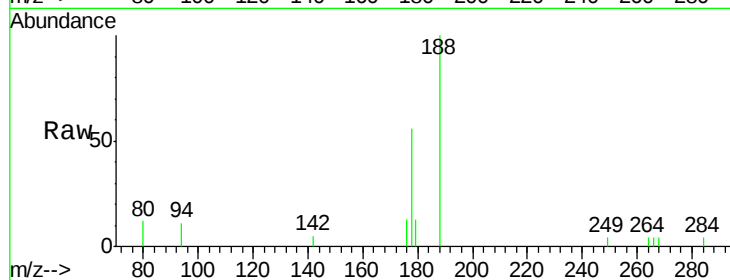
Tgt Ion:178 Resp: 1760

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 18.2 16.0 24.0



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

17.63

600

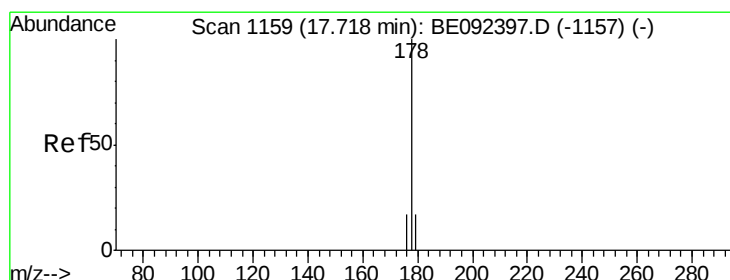
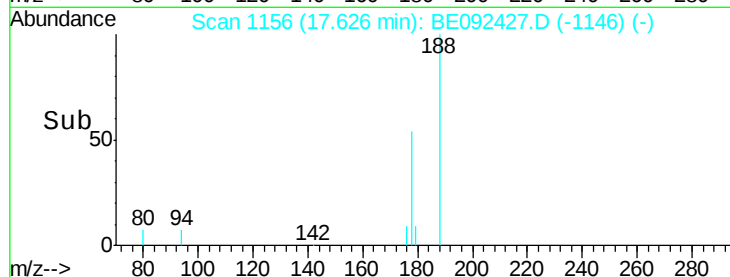
400

200

0

17.50 17.60 17.70

Time-->



#22

Anthracene

Concen: 0.11 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

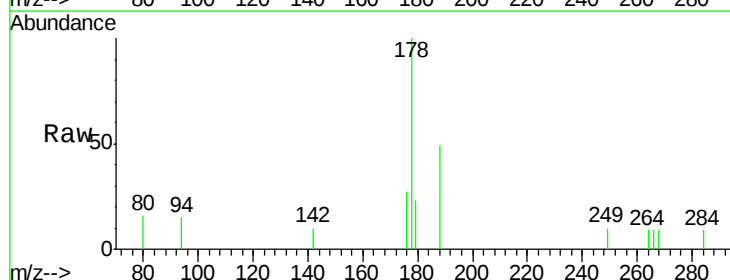
Tgt Ion:178 Resp: 1400

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 14.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.72

600

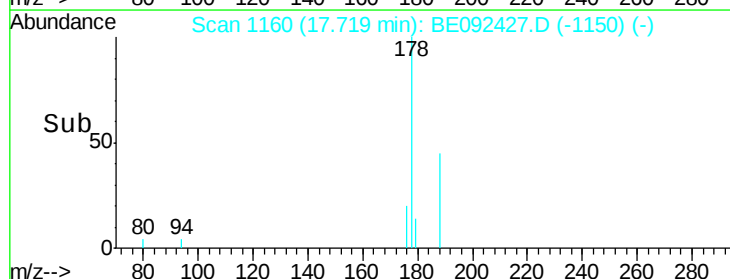
400

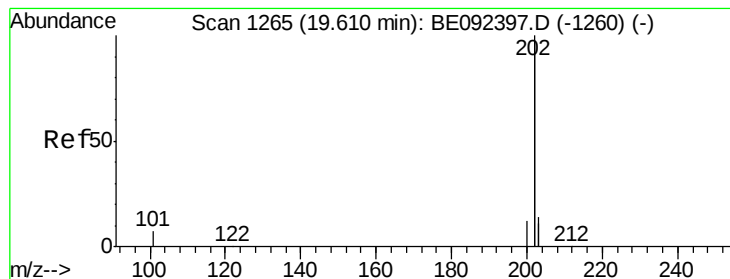
200

0

17.60 17.70 17.80

Time-->





#23

Fluoranthene

Concen: 0.11 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

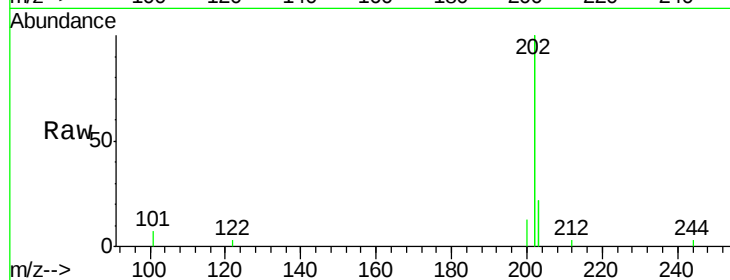
Tgt Ion:202 Resp: 6759

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

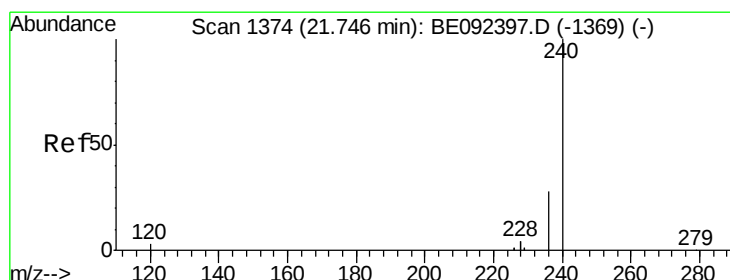
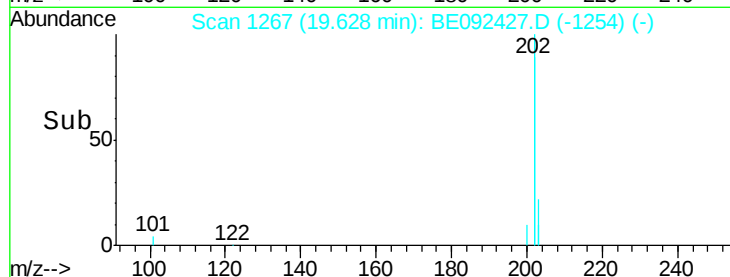
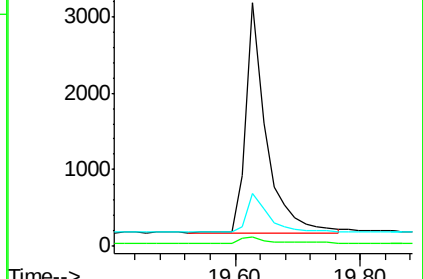
203 17.7 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

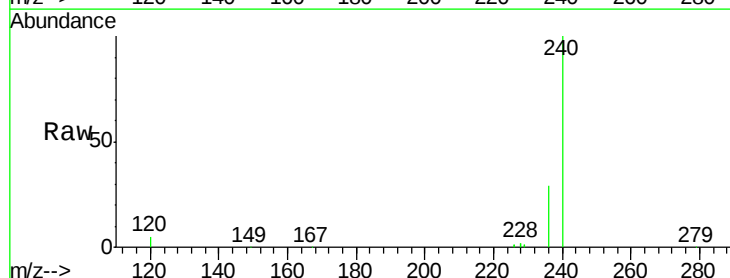
Tgt Ion:240 Resp: 67570

Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

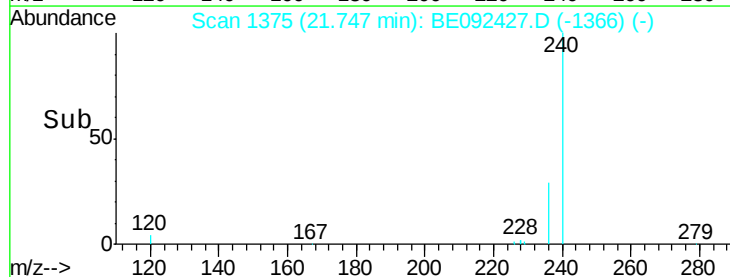
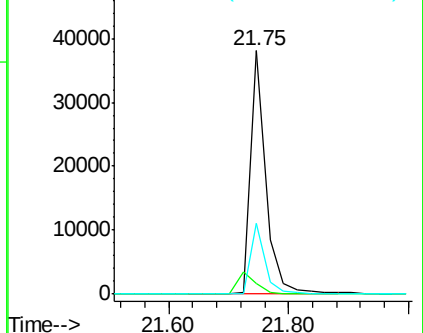
236 29.1 24.6 37.0



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

Pyrene

Concen: 0.12 ng

RT: 19.99 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

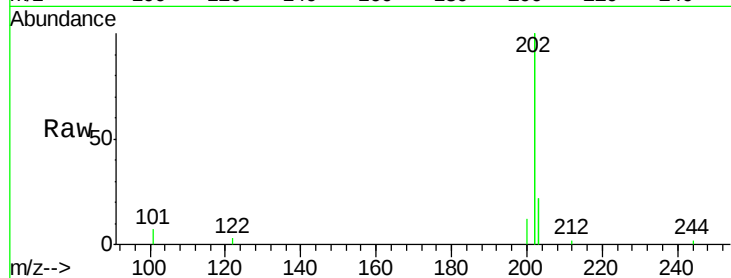
Tgt Ion: 202 Resp: 7042

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

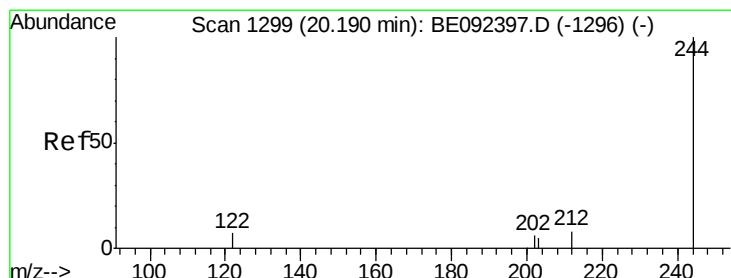
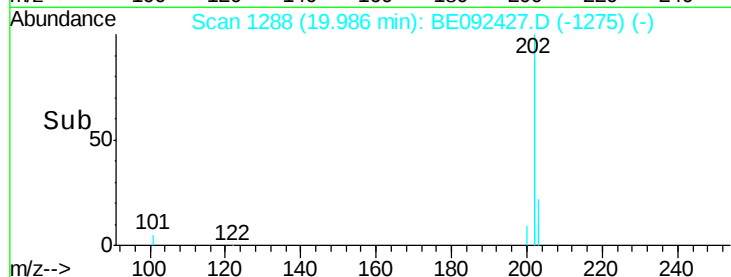
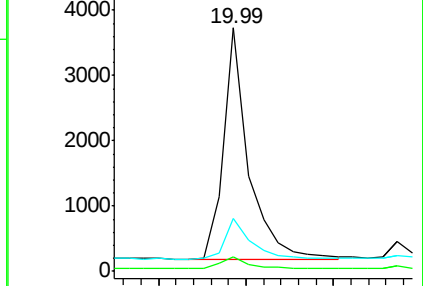
203 17.6 13.9 20.9



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



#26

Terphenyl-d14

Concen: 3.11 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

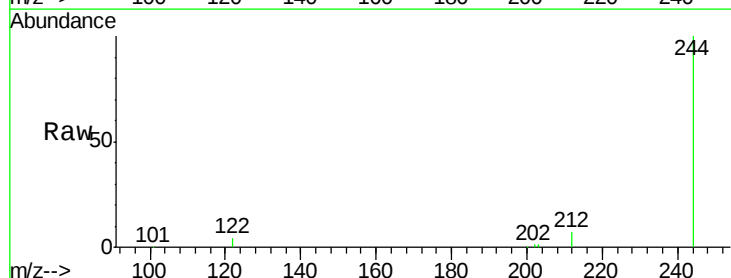
Tgt Ion: 244 Resp: 26050

Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

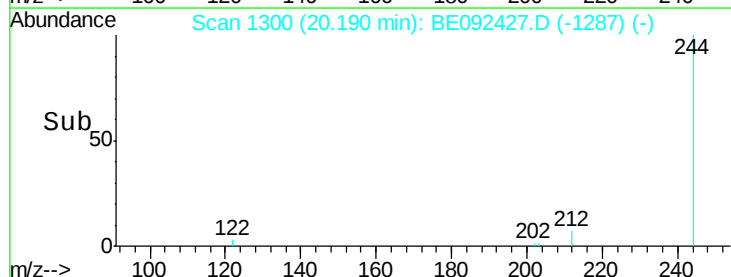
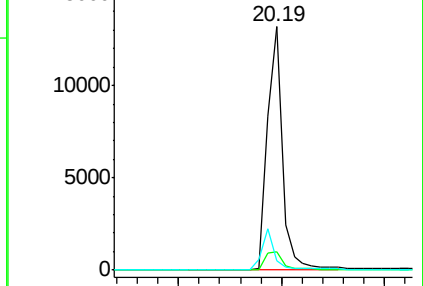
122 3.7 3.6 5.4

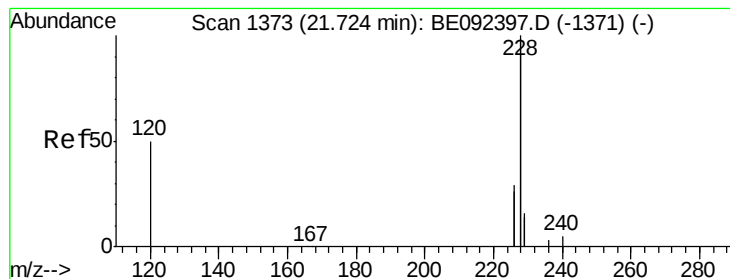


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.25 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

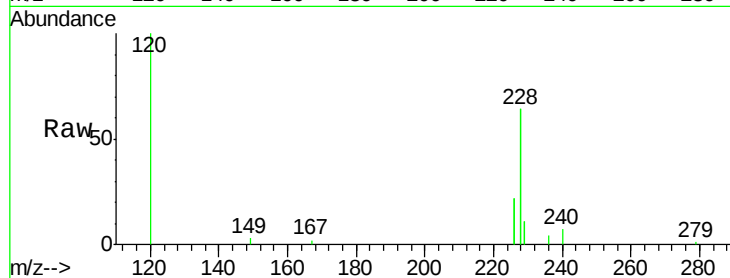
Tgt Ion:228 Resp: 16771

Ion Ratio Lower Upper

228 100

226 33.4 23.6 35.4

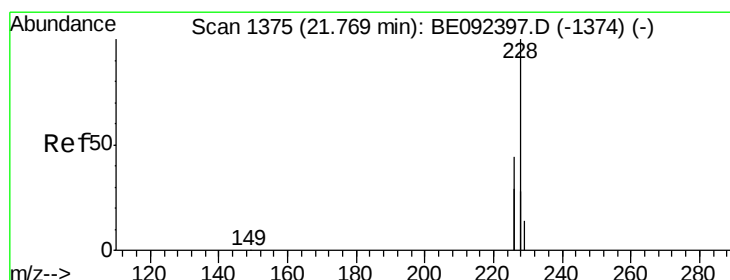
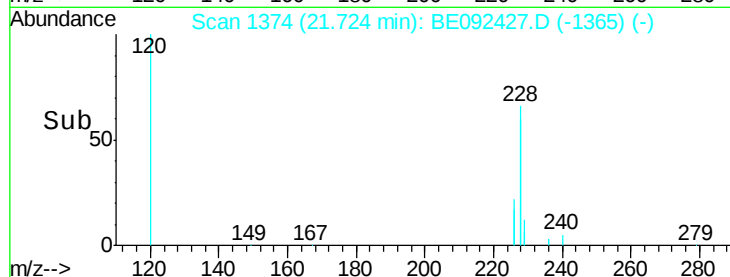
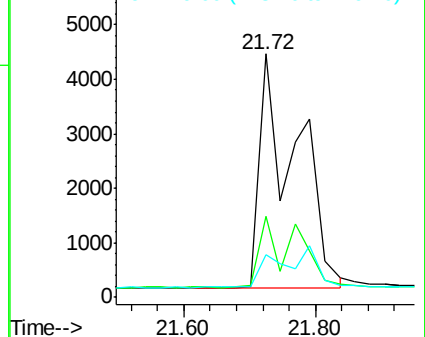
229 17.6 13.3 19.9



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: 0.28 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.04 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

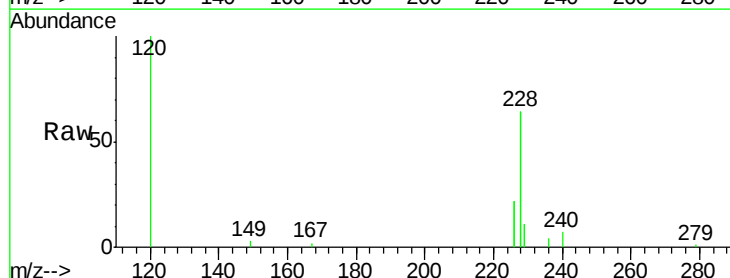
Tgt Ion:228 Resp: 17005

Ion Ratio Lower Upper

228 100

226 33.4 36.3 54.5#

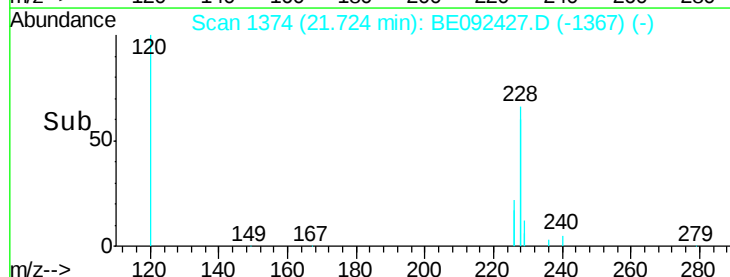
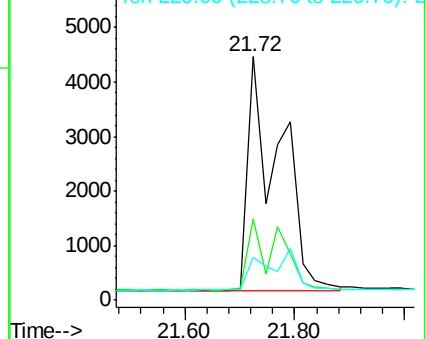
229 17.6 10.6 16.0#

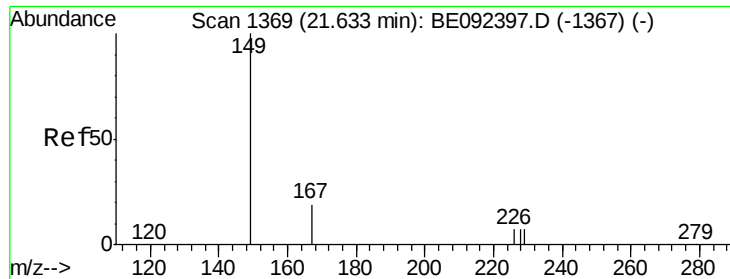


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

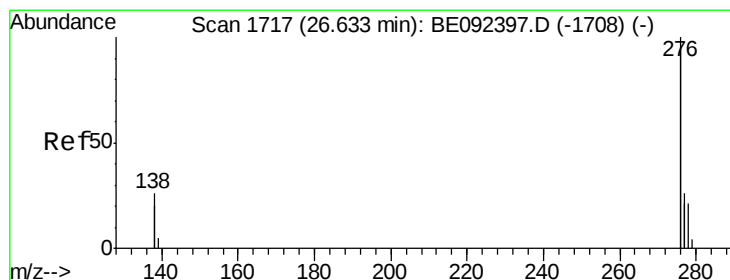
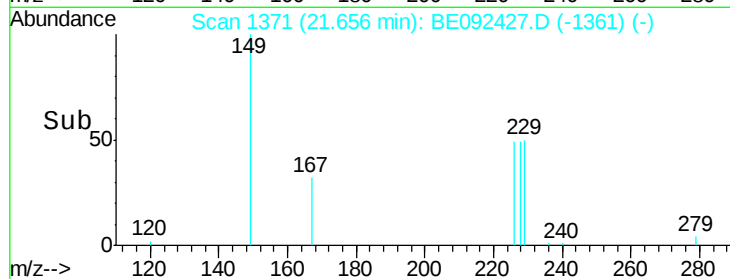
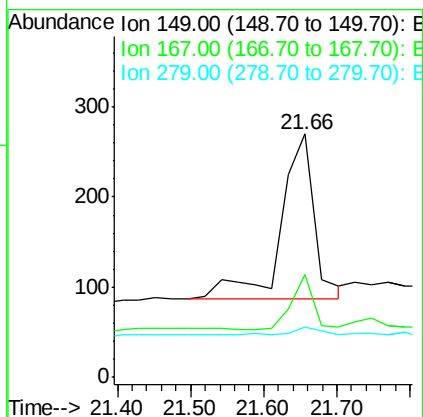
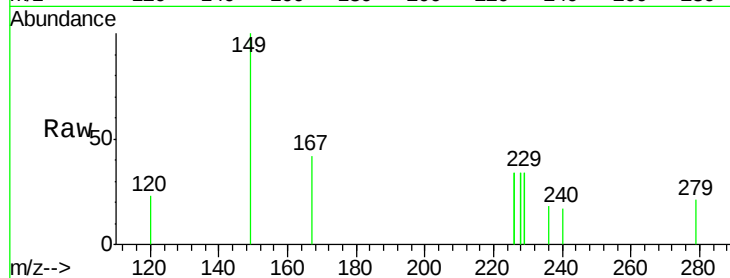




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.66 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

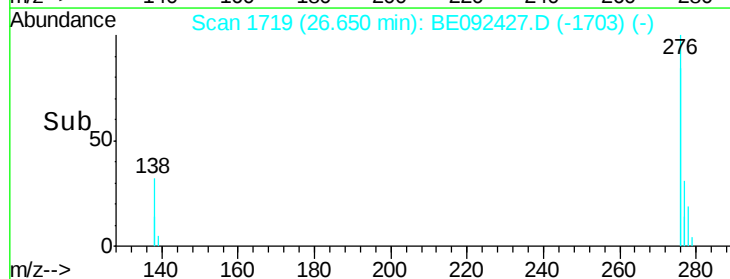
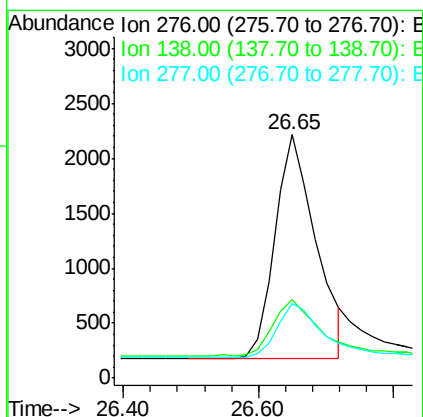
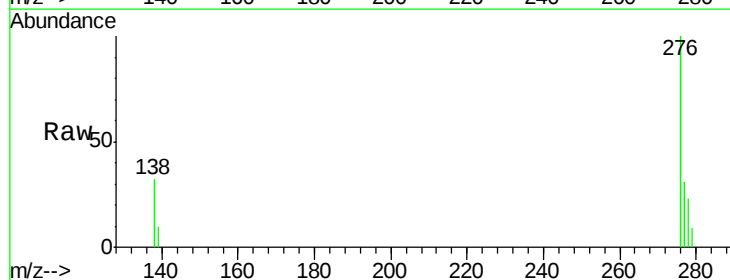
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016--02-QT4

Tgt Ion:149 Resp: 579
 Ion Ratio Lower Upper
 149 100
 167 21.6 16.0 24.0
 279 3.3 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.13 ng
 RT: 26.65 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

Tgt Ion:276 Resp: 8480
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.3 30.5
 277 24.4 19.7 29.5

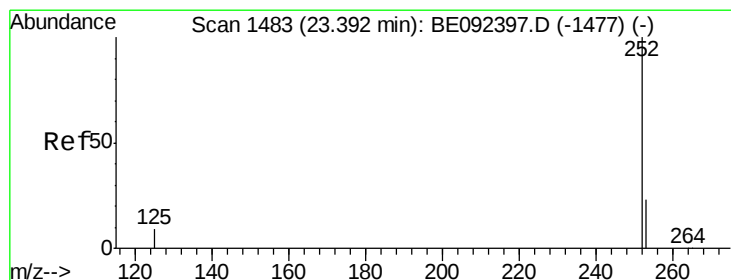
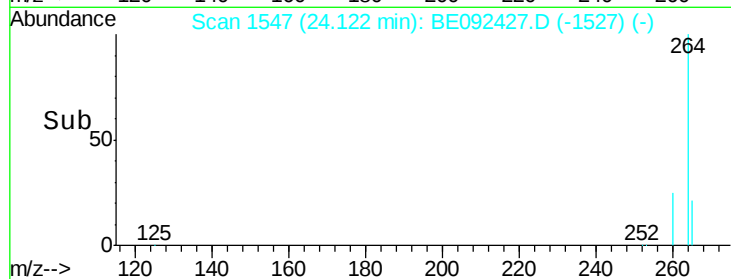
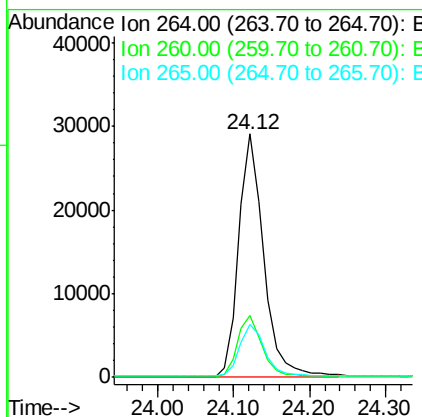
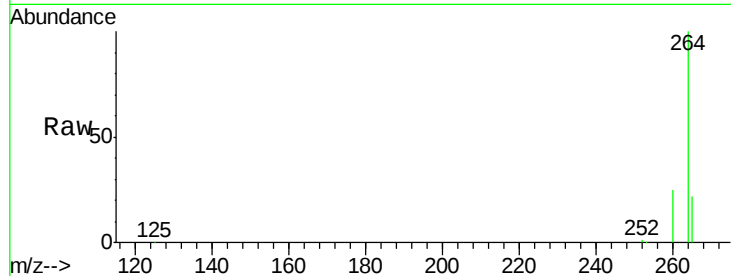




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.03 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

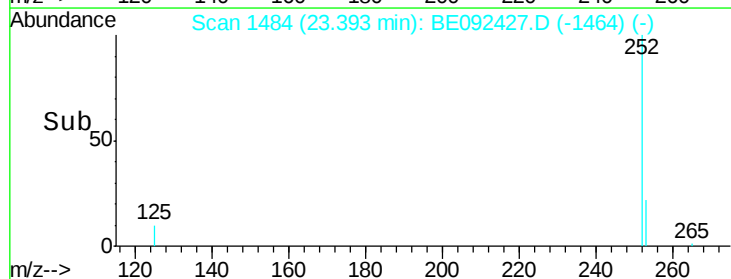
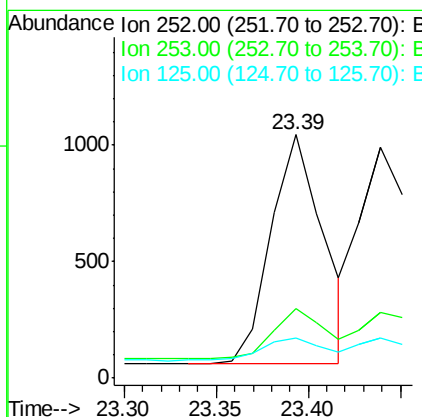
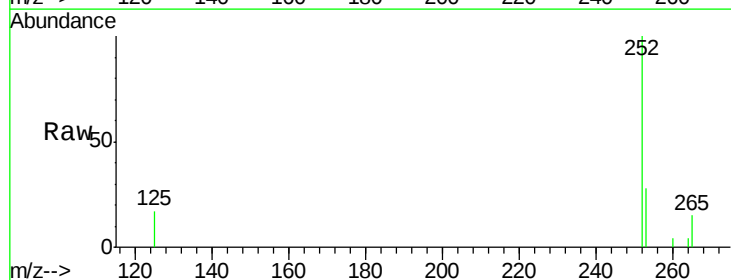
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016--02-QT4

Tgt Ion: 264 Resp: 66940
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.7 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.12 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. 0.03 min
 Lab File: BE092427.D
 Acq: 26 Sep 2016 15:42

Tgt Ion: 252 Resp: 1951
 Ion Ratio Lower Upper
 252 100
 253 28.4 18.7 28.1#
 125 16.7 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.03 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

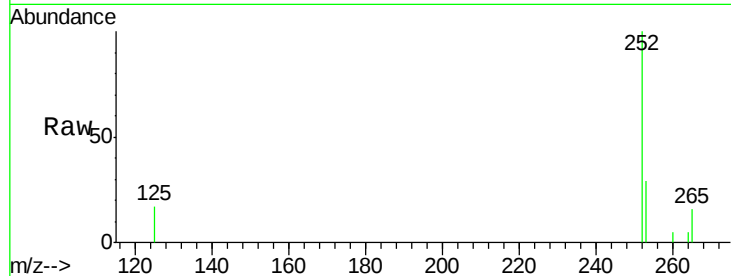
Tgt Ion:252 Resp: 2178

Ion Ratio Lower Upper

252 100

253 28.6 20.3 30.5

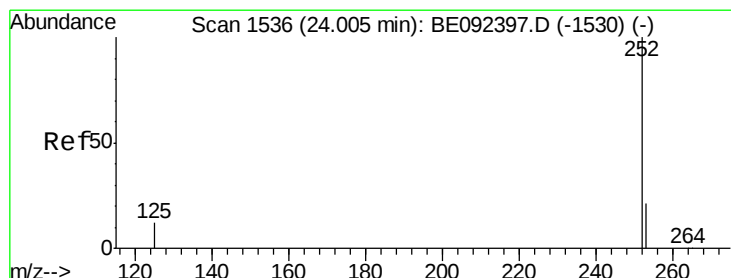
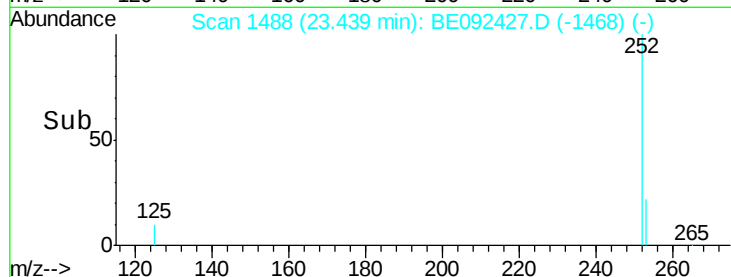
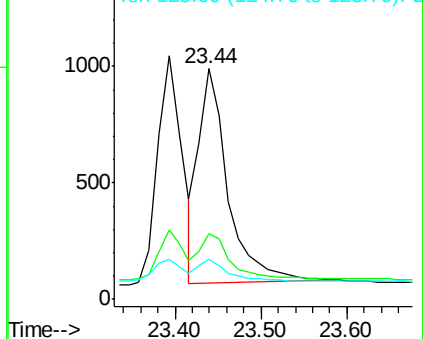
125 17.3 9.6 14.4#



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: 0.12 ng

RT: 24.02 min Scan# 1538

Delta R.T. 0.03 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

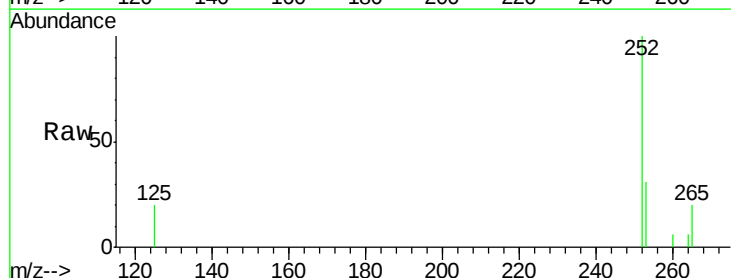
Tgt Ion:252 Resp: 1954

Ion Ratio Lower Upper

252 100

253 31.4 19.0 28.6#

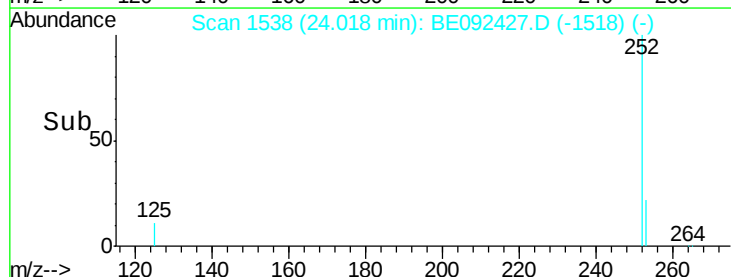
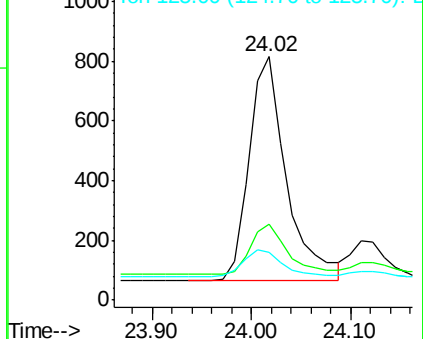
125 19.6 11.8 17.8#



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: 0.12 ng

RT: 26.68 min Scan# 1721

Delta R.T. 0.09 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016--02-QT4

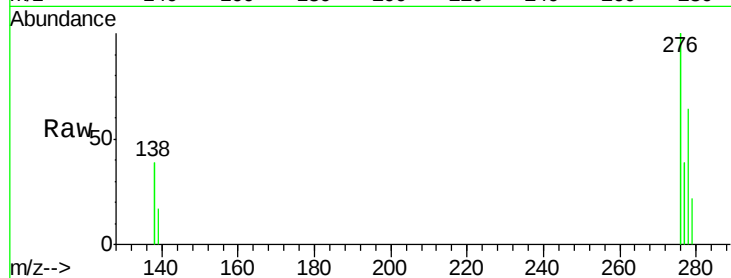
Tgt Ion: 278 Resp: 1733

Ion Ratio Lower Upper

278 100

139 27.2 13.8 20.8#

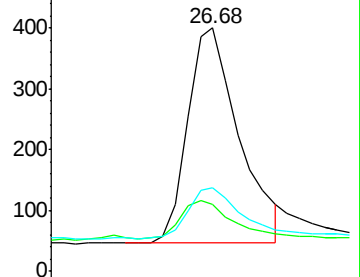
279 34.5 21.4 32.2#



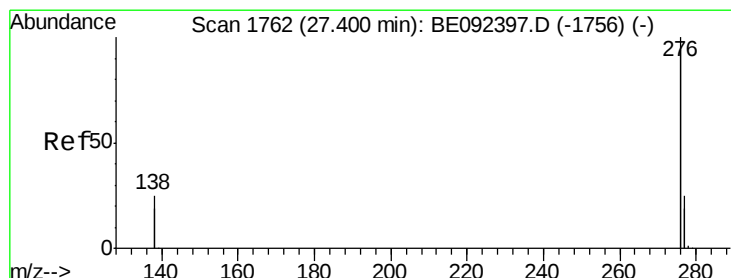
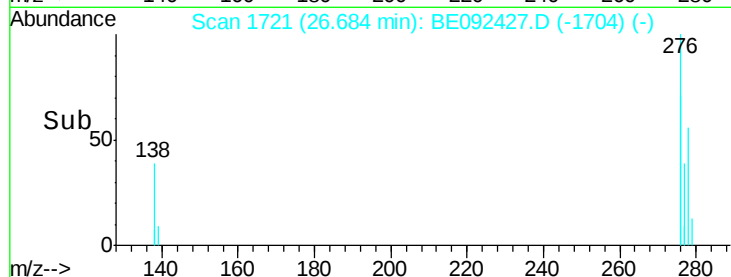
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#36

Benzo(g,h,i)perylene

Concen: 0.14 ng

RT: 27.42 min Scan# 1764

Delta R.T. 0.07 min

Lab File: BE092427.D

Acq: 26 Sep 2016 15:42

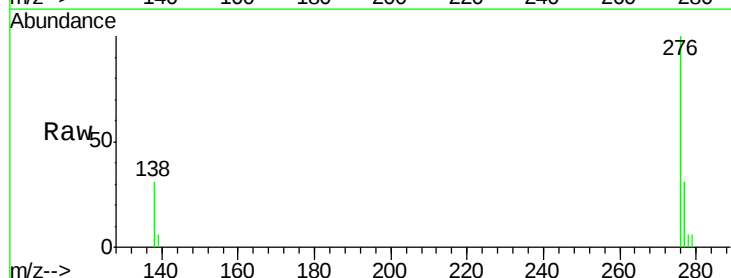
Tgt Ion: 276 Resp: 8455

Ion Ratio Lower Upper

276 100

277 30.5 19.8 29.8#

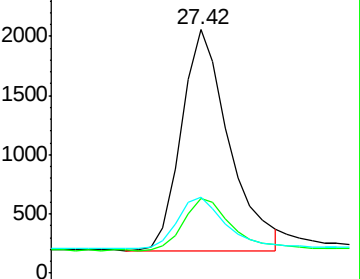
138 31.3 19.8 29.6#



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



Time-->

