

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\
 Data File : BE092873.D
 Acq On : 30 Mar 2017 13:15
 Operator : SJ/MA
 Sample : I2296-02
 Misc : L00 0.2 PPB
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 31 01:32:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 17:47:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7108	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	32095	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15936	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	38270	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	43844	5.00	ng	-0.02
31) Perylene-d12	23.70	264	35612	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	19253	11.63	ng	0.00
5) Phenol-d6	6.94	99	26769	11.02	ng	0.00
8) Nitrobenzene-d5	8.90	82	11207	6.08	ng	-0.02
13) 2,4,6-Tribromophenol	15.88	330	3172	12.74	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	35369	6.73	ng	-0.01
26) Terphenyl-d14	19.74	244	41929	5.53	ng	-0.02

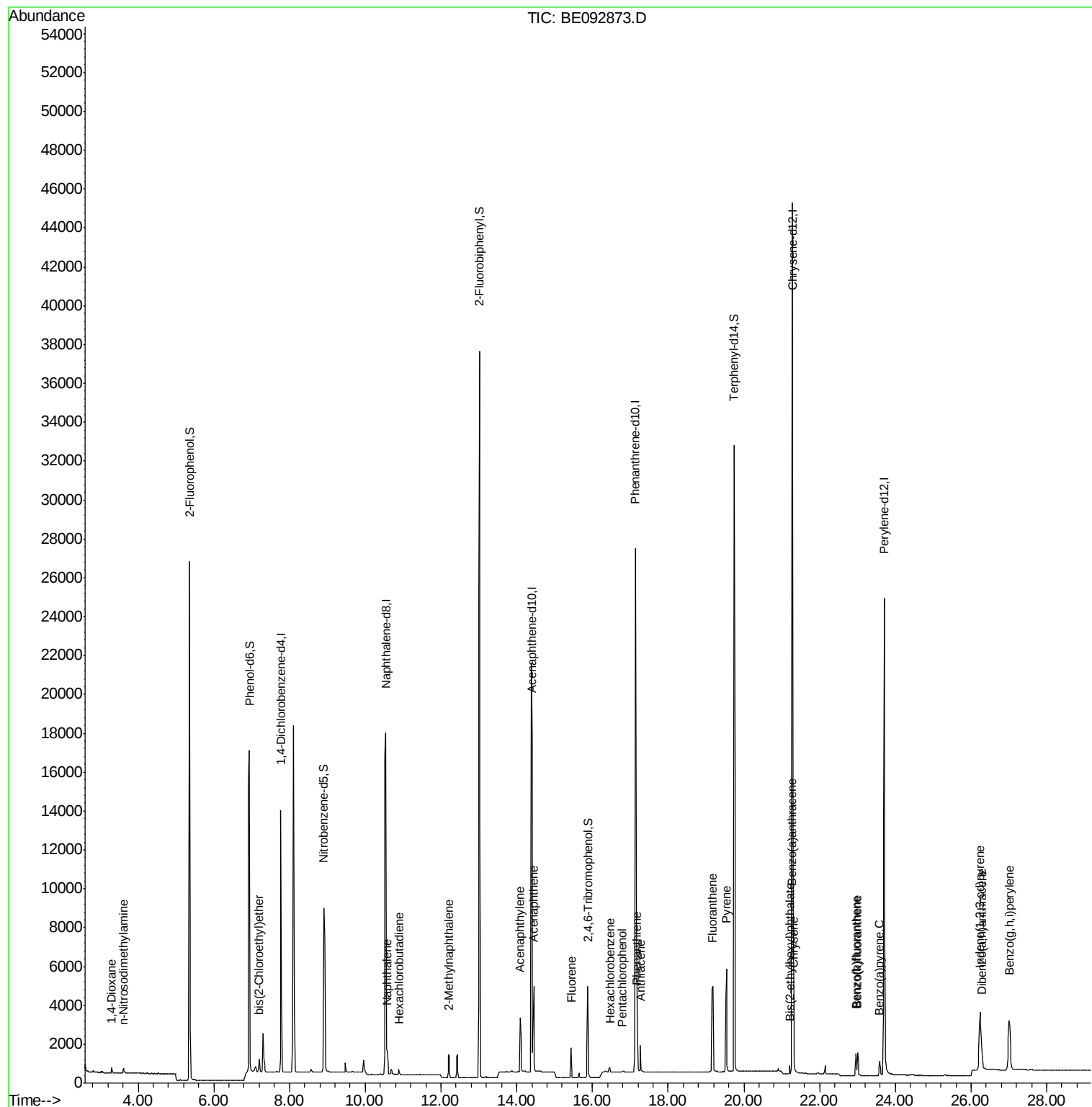
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	210	0.22	ng	95
3) n-Nitrosodimethylamine	3.61	42	192	0.20	ng	# 79
6) bis(2-Chloroethyl)ether	7.20	93	514	0.22	ng	# 50
9) Naphthalene	10.58	128	1614	0.23	ng	97
10) Hexachlorobutadiene	10.89	225	209	0.22	ng	99
11) 2-Methylnaphthalene	12.21	142	942	0.21	ng	89
15) Acenaphthylene	14.09	152	4415	0.18	ng	100
16) Acenaphthene	14.45	154	927	0.21	ng	89
17) Fluorene	15.44	166	1062	0.20	ng	97
19) Hexachlorobenzene	16.47	284	304	0.21	ng	# 65
20) Pentachlorophenol	16.79	266	70	0.38	ng	# 86
21) Phenanthrene	17.18	178	2318	0.25	ng	94
22) Anthracene	17.27	178	1643	0.19	ng	99
23) Fluoranthene	19.16	202	7541	0.18	ng	99
25) Pyrene	19.54	202	7907	0.18	ng	99
27) Benzo(a)anthracene	21.26	228	1749	0.17	ng	# 95
28) Chrysene	21.31	228	2434	0.22	ng	# 78
29) Bis(2-ethylhexyl)phthalate	21.21	149	441	0.16	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.24	276	6483	0.16	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	1692	0.18	ng	# 90
33) Benzo(k)fluoranthene	23.01	252	1532	0.18	ng	# 93
34) Benzo(a)pyrene	23.59	252	1261	0.16	ng	# 87
35) Dibenzo(a,h)anthracene	26.27	278	1402	0.17	ng	# 85
36) Benzo(g,h,i)perylene	27.00	276	6120	0.18	ng	# 84

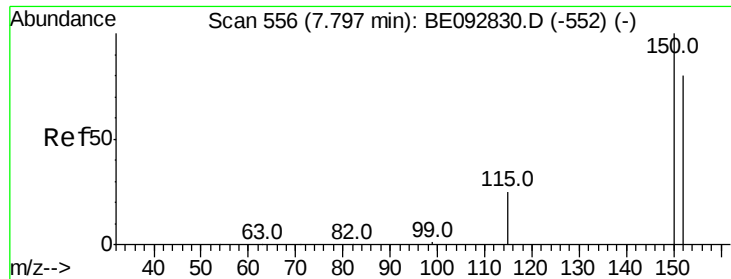
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

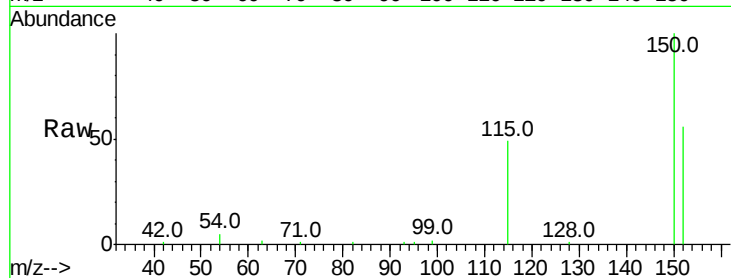
Tot Ion:152 Resp: 7108

Ion Ratio Lower Upper

152 100

150 179.4 106.0 159.0#

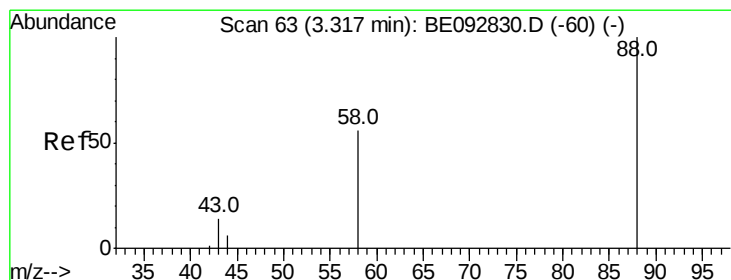
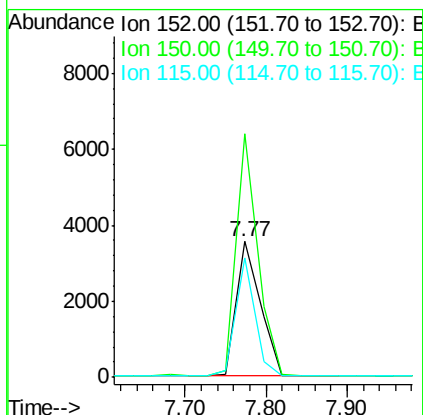
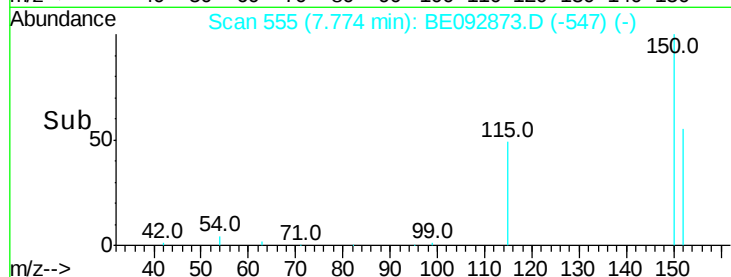
115 88.0 31.2 46.8#



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: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

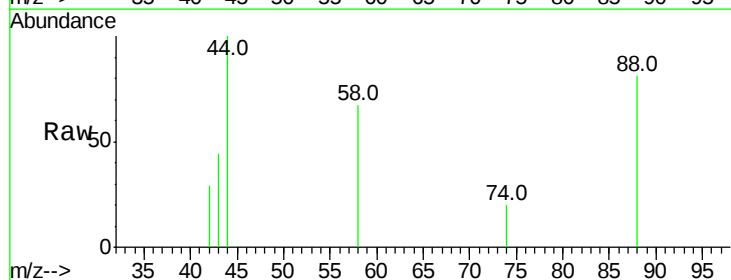
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

58 73.8 63.6 95.4

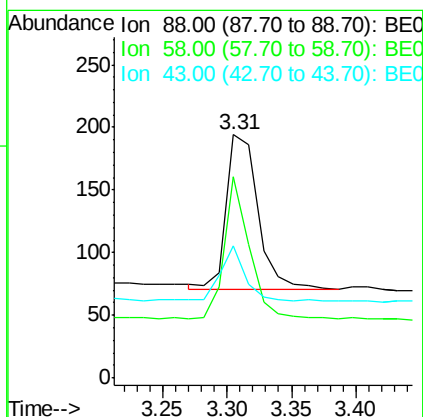
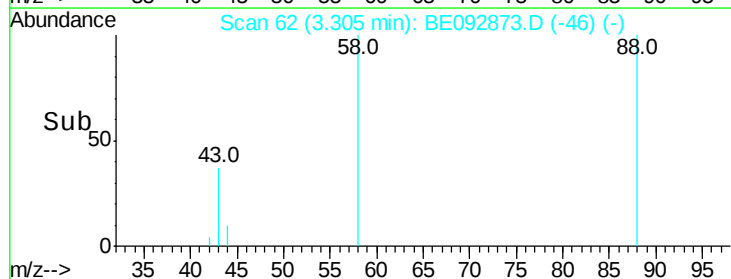
43 35.2 28.0 42.0



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



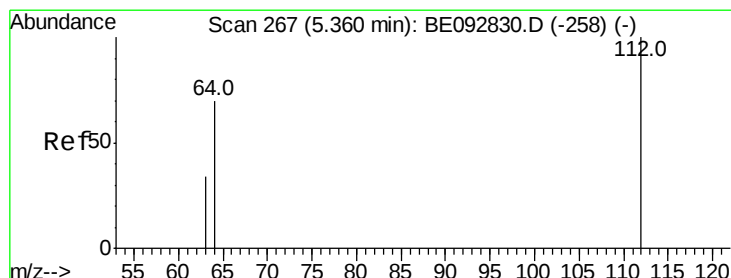
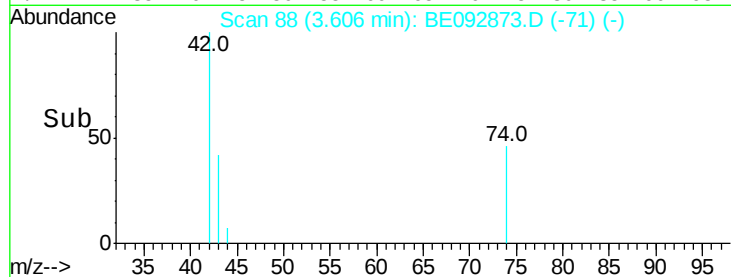
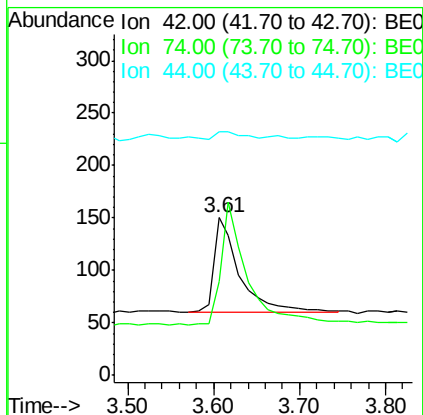
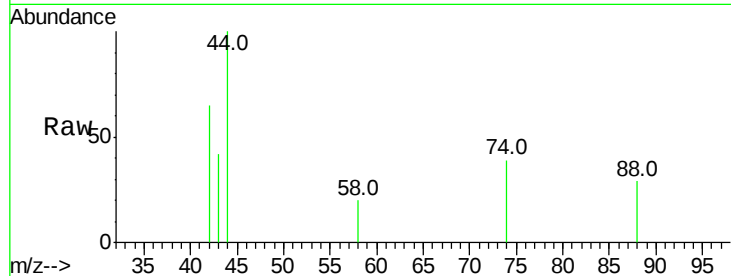


#3

n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092873.D
Acq: 30 Mar 2017 13:15

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

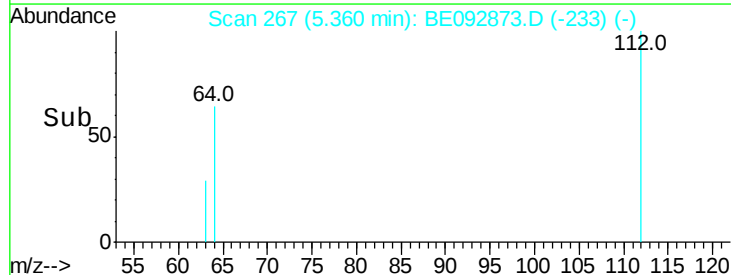
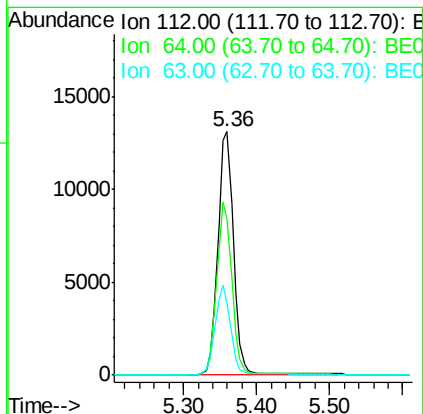
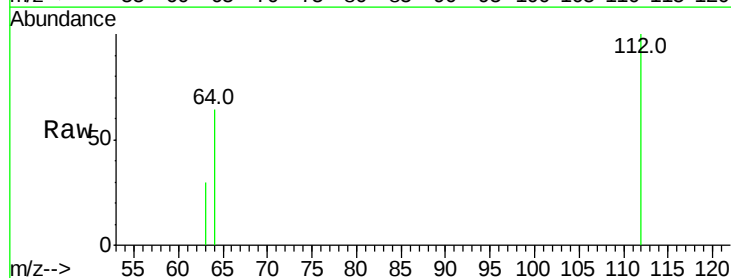
Tot Ion: 42 Resp: 192
Ion Ratio Lower Upper
42 100
74 130.2 86.0 129.0#
44 9.4 5.1 7.7#

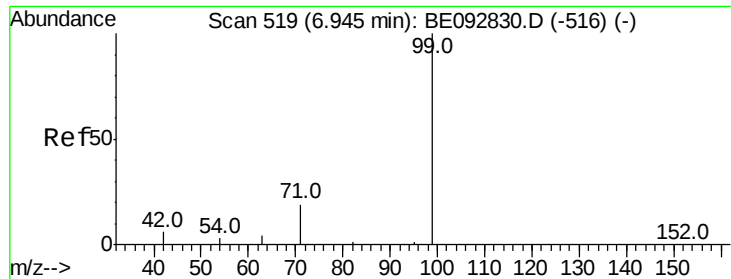


#4

2-Fluorophenol
Concen: 11.63 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092873.D
Acq: 30 Mar 2017 13:15

Tgt Ion: 112 Resp: 19253
Ion Ratio Lower Upper
112 100
64 69.4 53.5 80.3
63 35.7 27.9 41.9





#5

Phenol-d6

Concen: 11.02 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

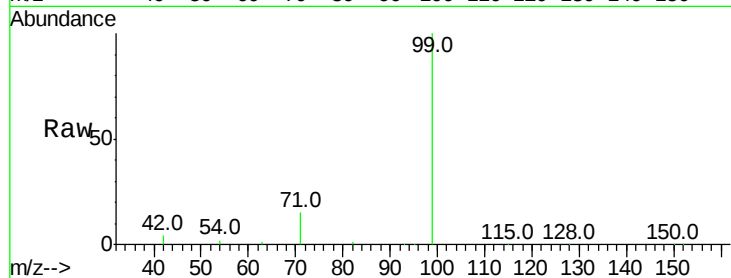
Tot Ion: 99 Resp: 26769

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

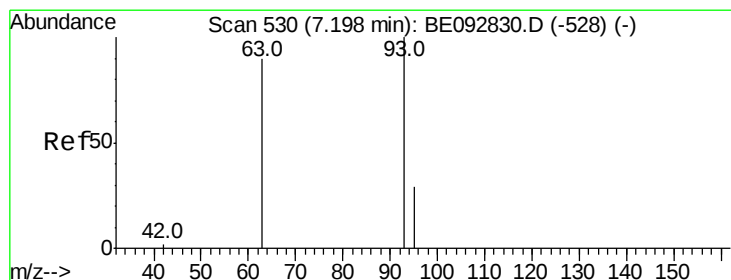
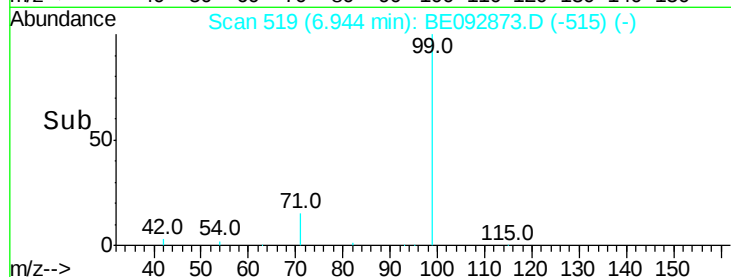
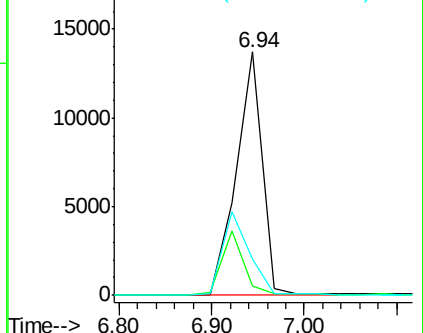
71 0.0 30.6 45.8#



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: BE092873.D

Acq: 30 Mar 2017 13:15

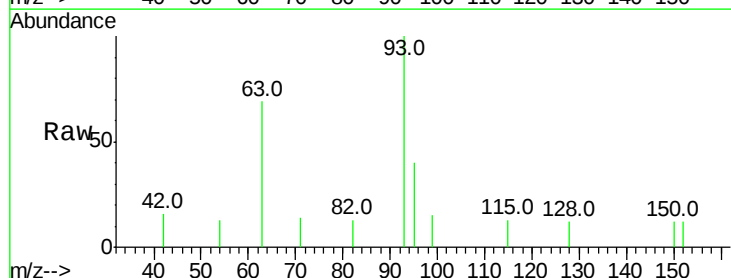
Tgt Ion: 93 Resp: 514

Ion Ratio Lower Upper

93 100

63 76.1 16.0 24.0#

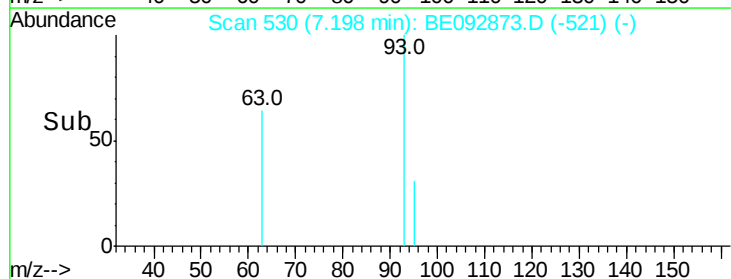
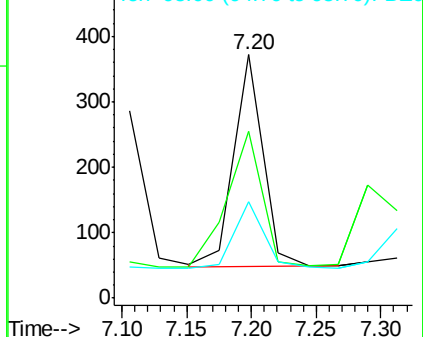
95 31.5 24.0 36.0

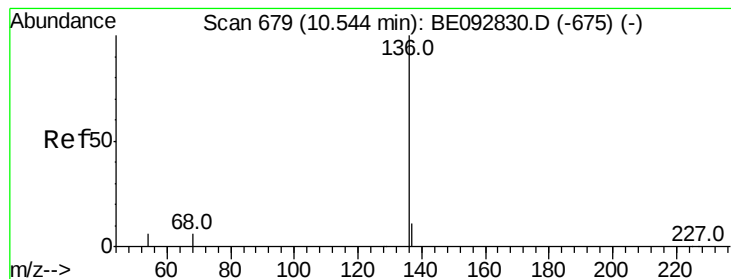


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

Tot Ion:136 Resp: 32095

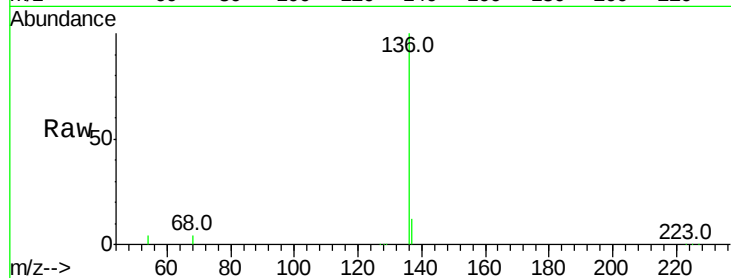
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 3.8 9.6 14.4#

68 4.0 6.7 10.1#

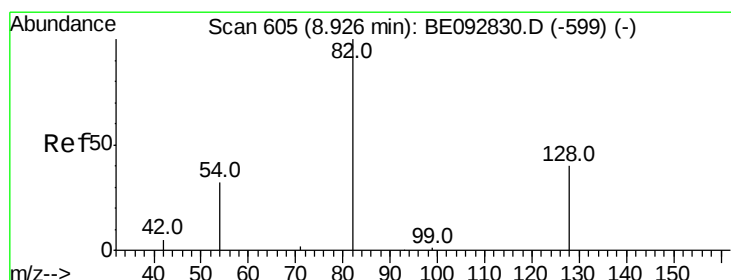
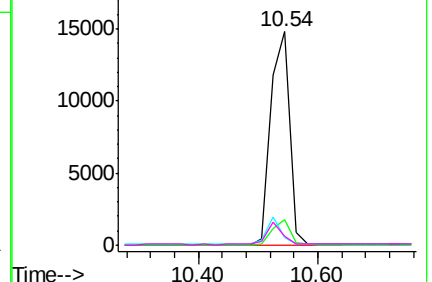
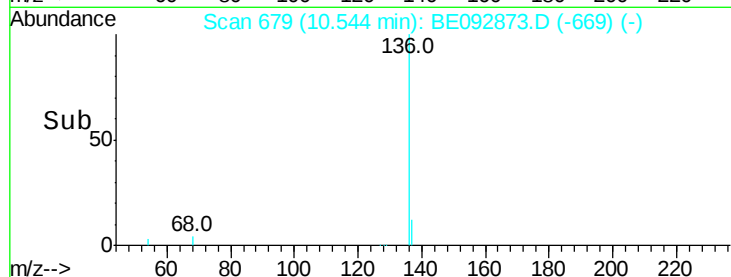


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.08 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

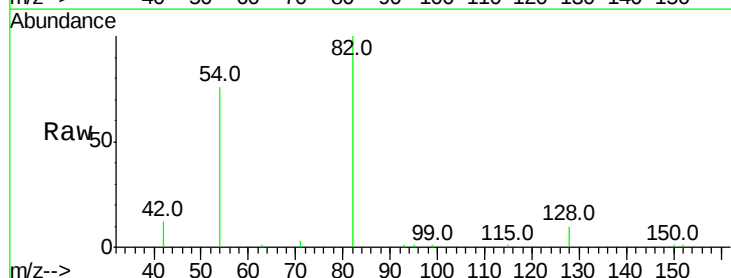
Tgt Ion: 82 Resp: 11207

Ion Ratio Lower Upper

82 100

128 9.8 39.0 58.4#

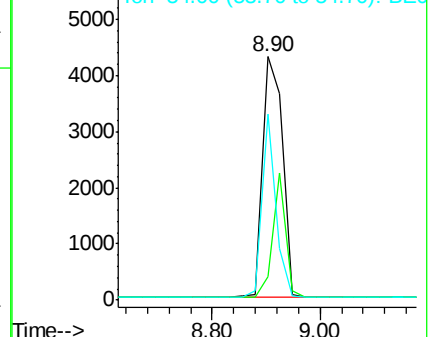
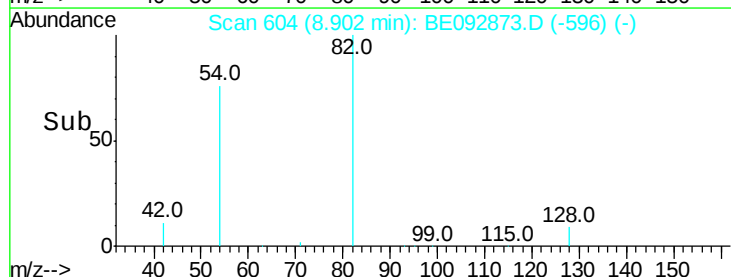
54 76.2 44.8 67.2#

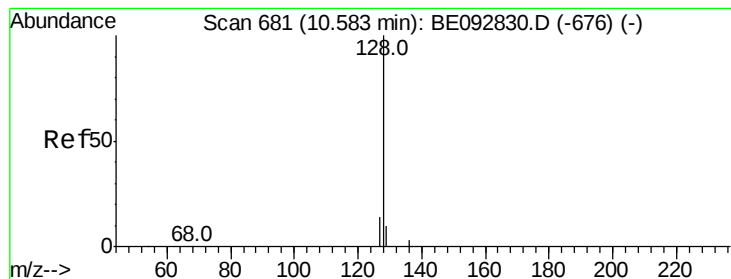


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.23 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

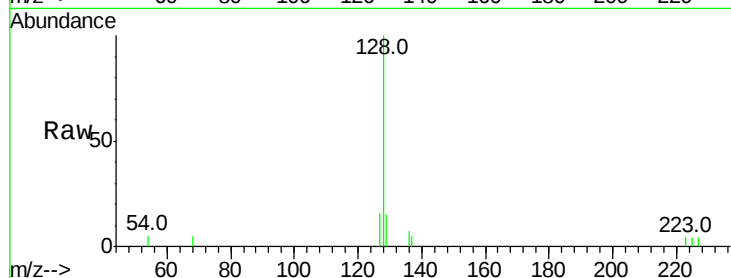
Tot Ion:128 Resp: 1614

Ion Ratio Lower Upper

128 100

129 14.9 11.2 16.8

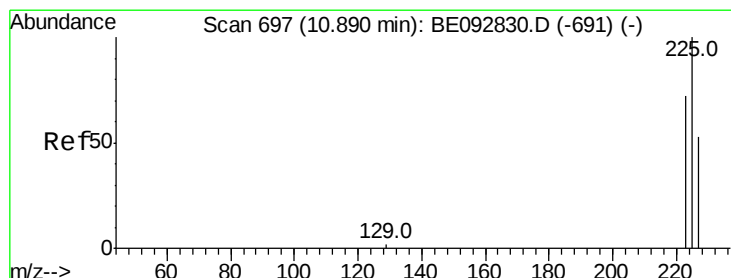
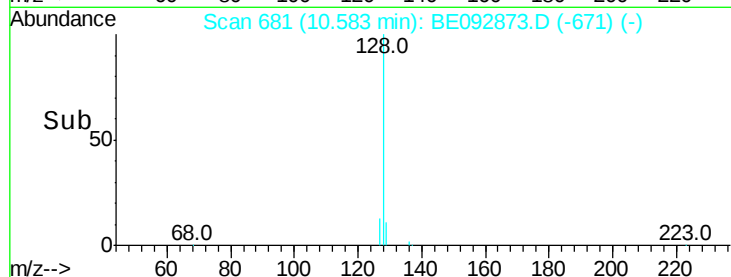
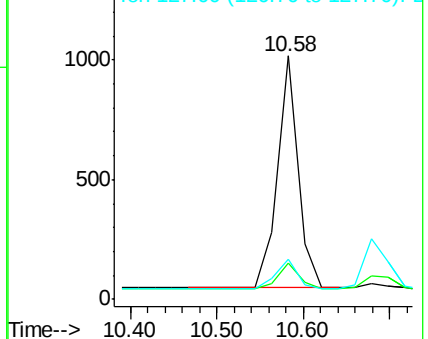
127 16.4 11.6 17.4



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: 0.22 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

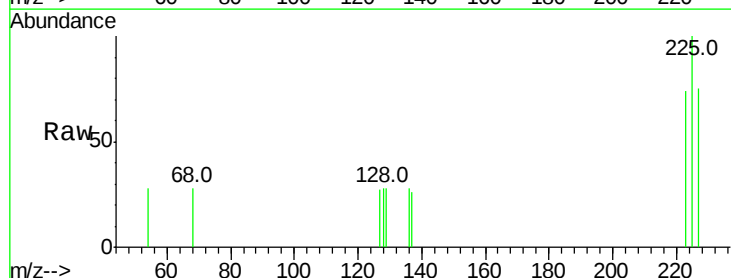
Tgt Ion:225 Resp: 209

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

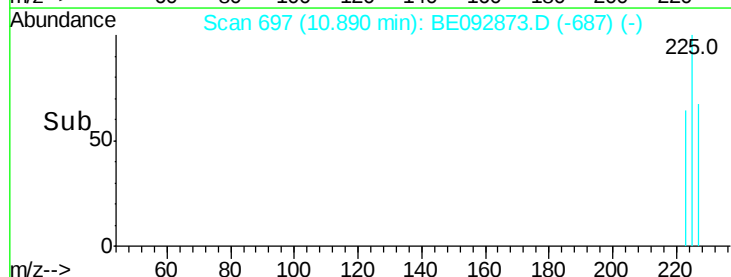
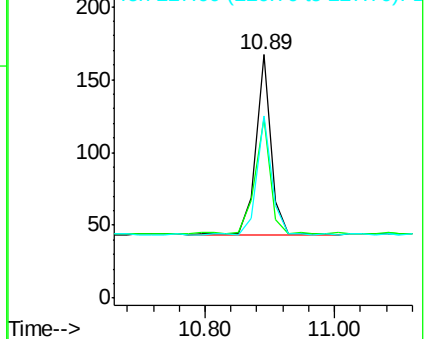
227 65.6 51.4 77.0

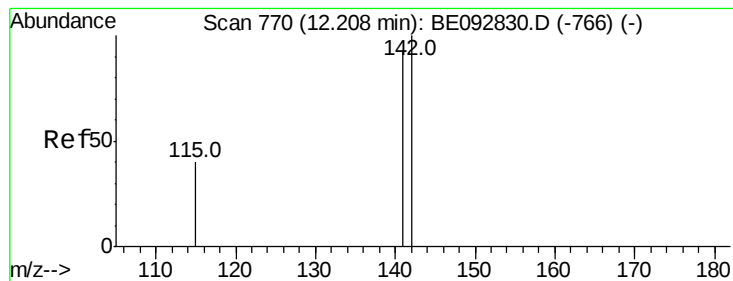


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

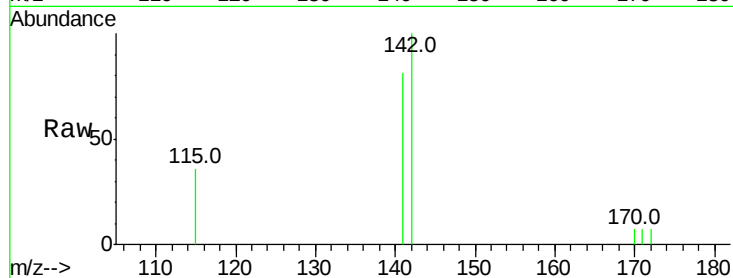
Tot Ion:142 Resp: 942

Ion Ratio Lower Upper

142 100

141 81.1 73.7 110.5

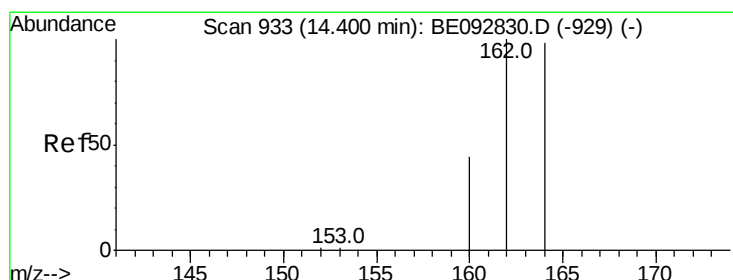
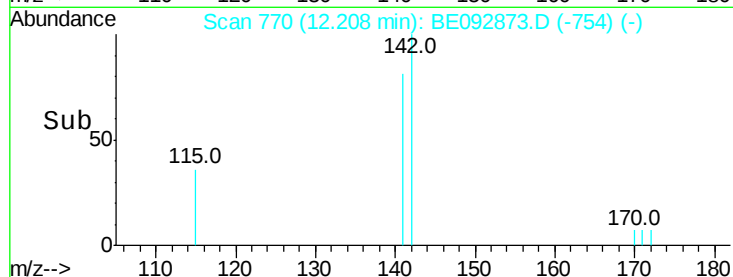
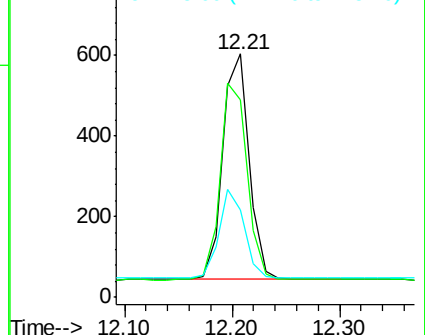
115 35.8 34.0 51.0



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: BE092873.D

Acq: 30 Mar 2017 13:15

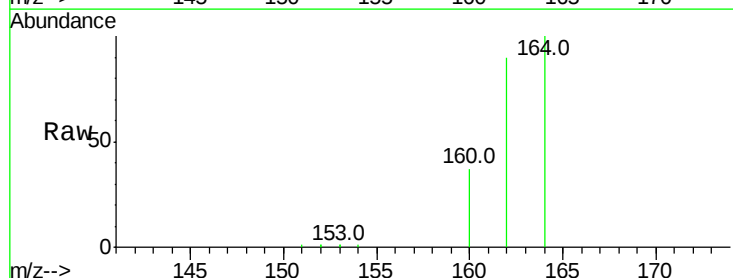
Tgt Ion:164 Resp: 15936

Ion Ratio Lower Upper

164 100

162 89.9 71.4 107.0

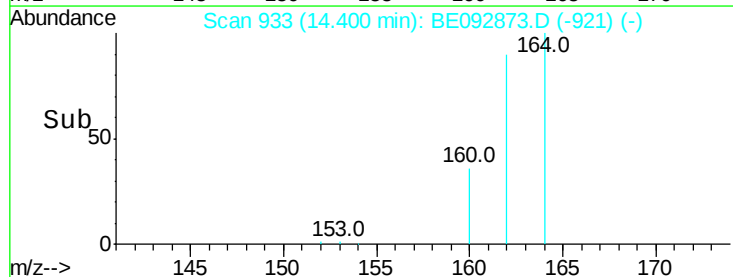
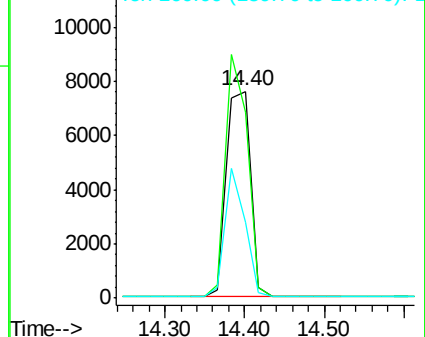
160 36.8 27.4 41.2



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

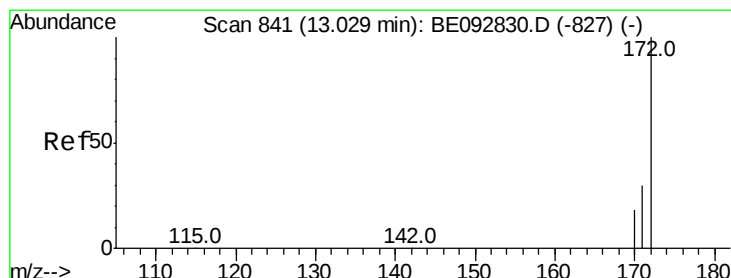
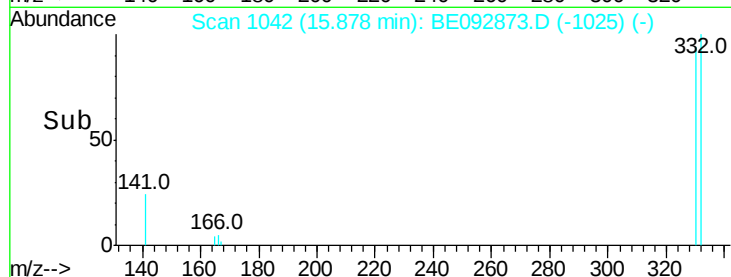
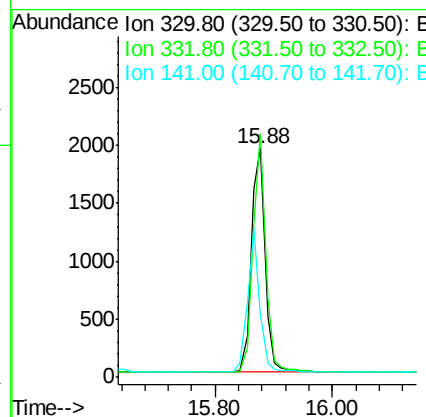
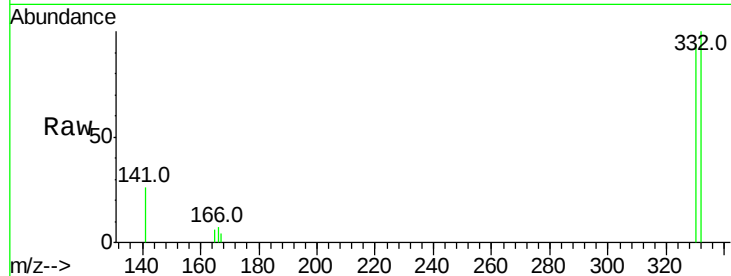




#13
 2,4,6-Tribromophenol
 Concen: 12.74 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

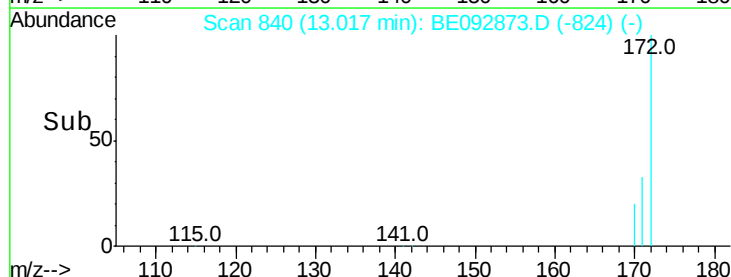
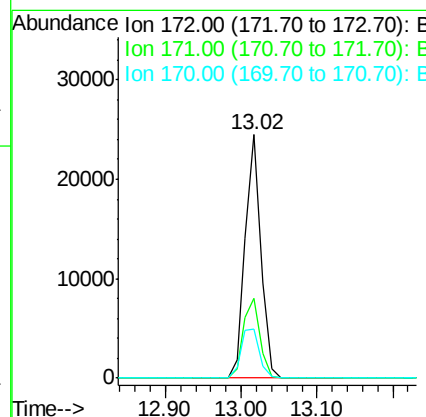
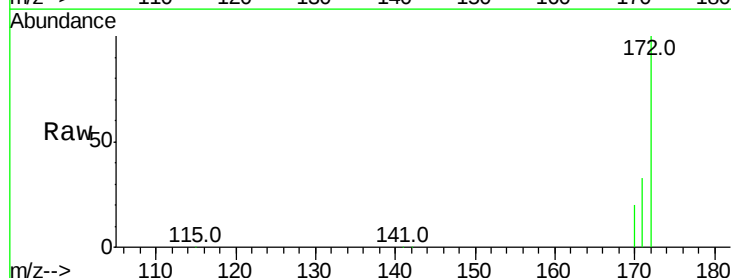
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

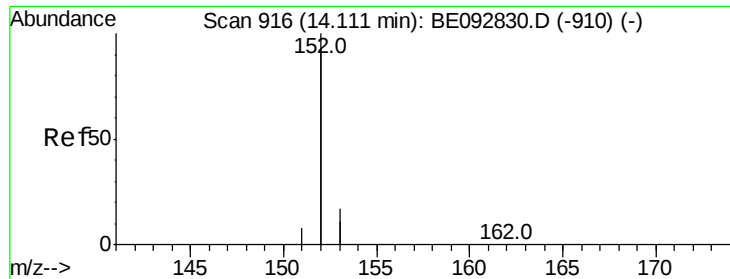
Tot Ion:330 Resp: 3172
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 57.0 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 6.73 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

Tgt Ion:172 Resp: 35369
 Ion Ratio Lower Upper
 172 100
 171 32.6 30.1 45.1
 170 20.3 21.8 32.6#





#15

Acenaphthylene

Concen: 0.18 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

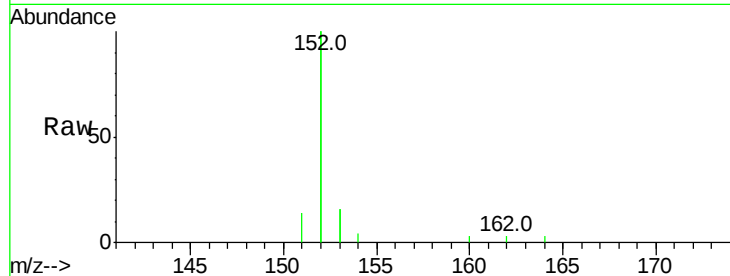
Tot Ion:152 Resp: 4415

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

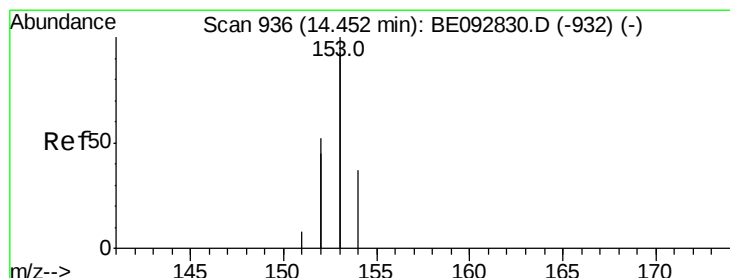
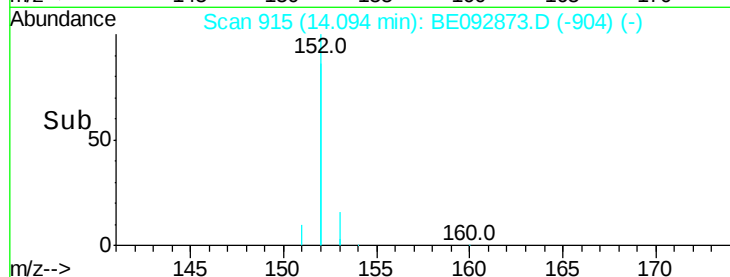
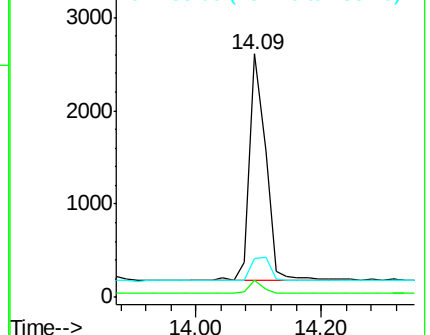
153 12.8 10.4 15.6



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: 0.21 ng

RT: 14.45 min Scan# 936

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

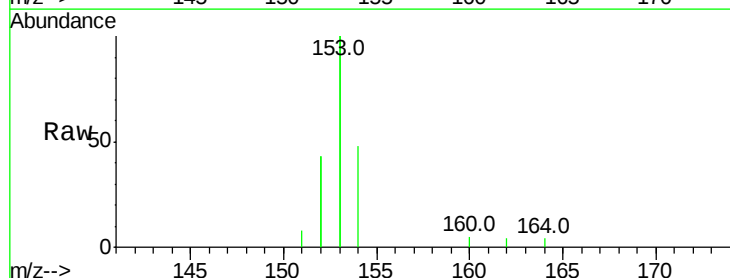
Tgt Ion:154 Resp: 927

Ion Ratio Lower Upper

154 100

153 463.2 350.8 526.2

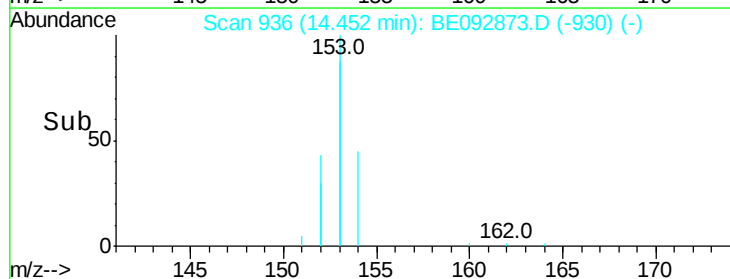
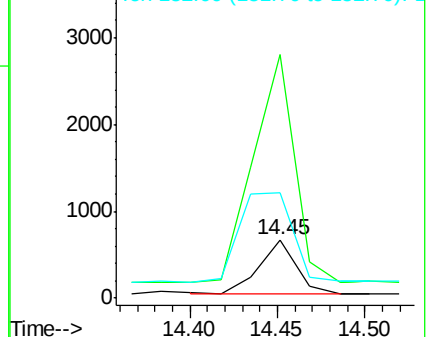
152 236.1 171.1 256.7



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

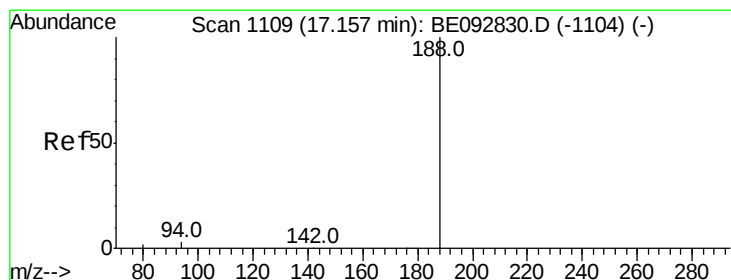
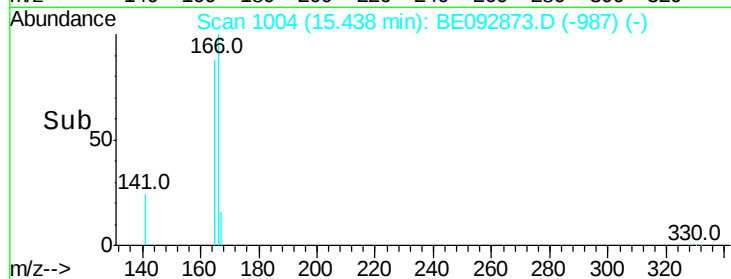
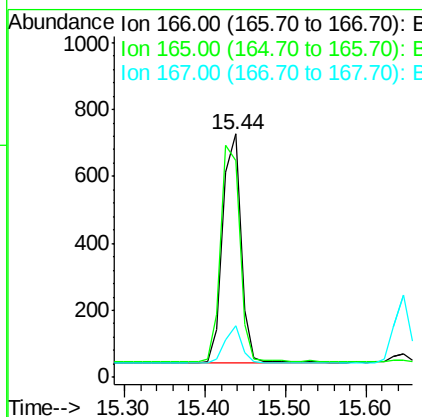
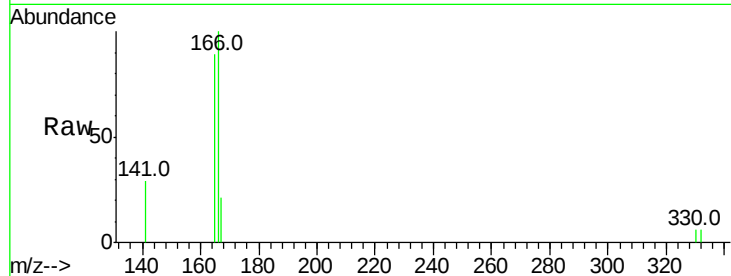




#17
Fluorene
 Concen: 0.20 ng
 RT: 15.44 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

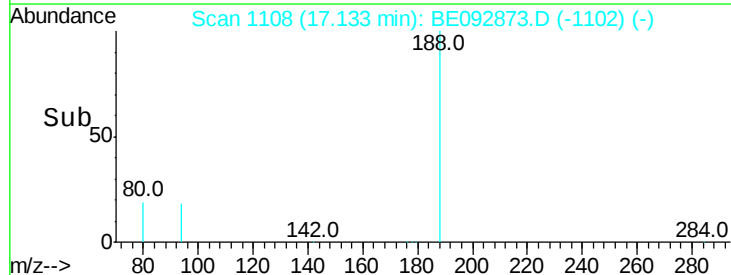
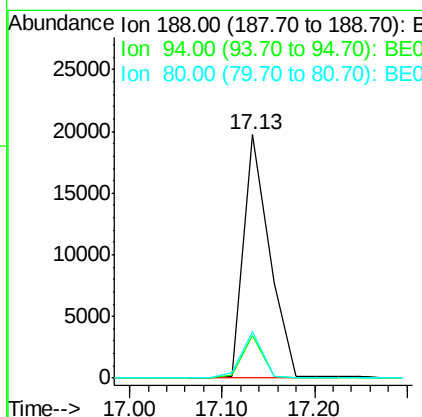
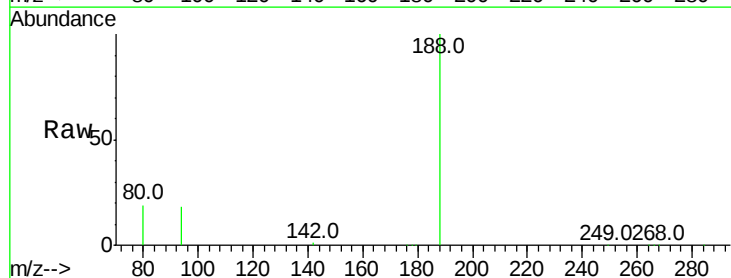
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

Tot Ion:166 Resp: 1062
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.2 117.4
 167 14.2 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

Tgt Ion:188 Resp: 38270
 Ion Ratio Lower Upper
 188 100
 94 17.7 3.2 4.8#
 80 19.0 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.21 ng

RT: 16.47 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

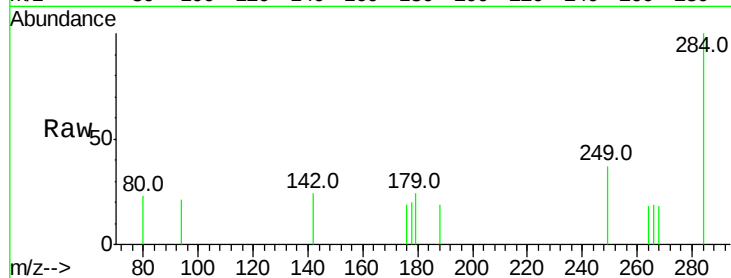
Tot Ion:284 Resp: 304

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

249 31.3 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

16.47

250

200

150

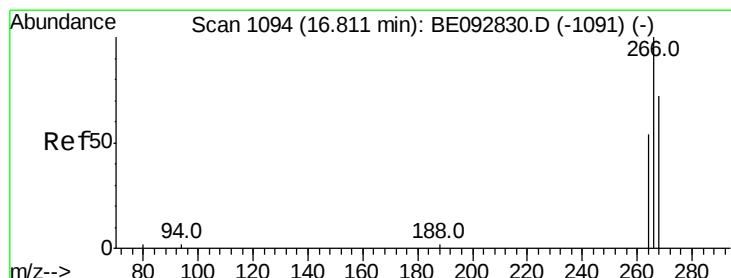
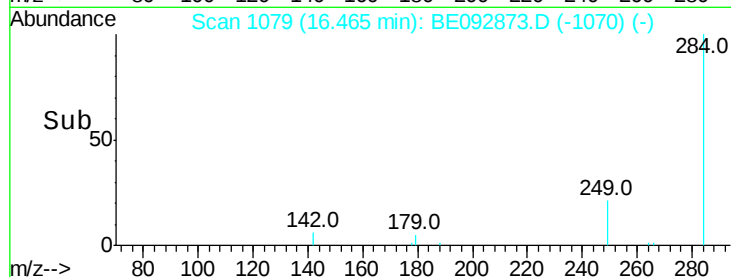
100

50

0

16.30 16.40 16.50 16.60

Time-->



#20

Pentachlorophenol

Concen: 0.38 ng

RT: 16.79 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

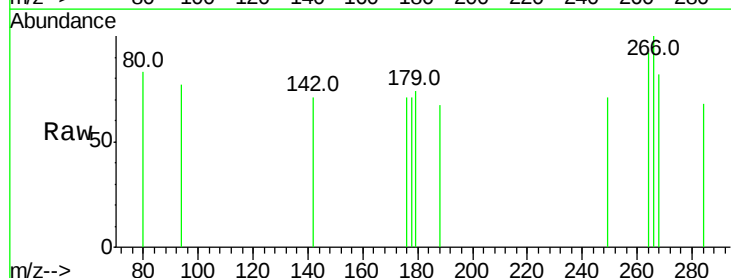
Tgt Ion:266 Resp: 70

Ion Ratio Lower Upper

266 100

268 81.8 62.5 93.7

264 92.4 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

16.79

80

60

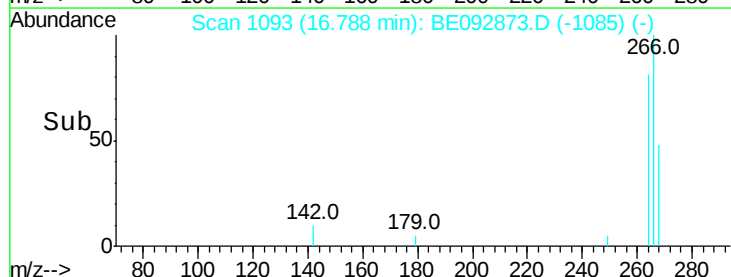
40

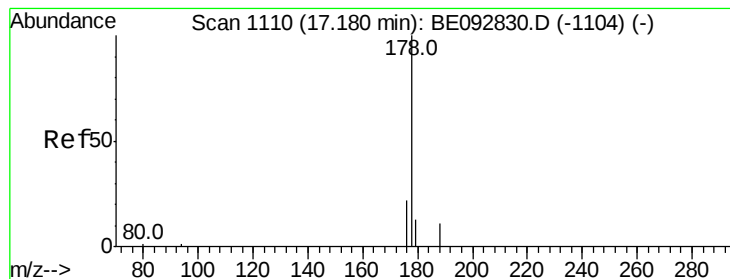
20

0

16.60 16.80

Time-->





#21

Phenanthrene

Concen: 0.25 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

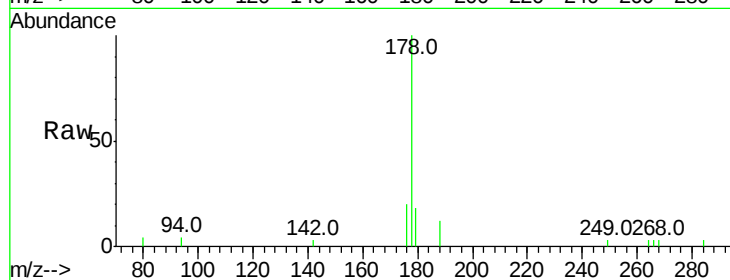
Tot Ion:178 Resp: 2318

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.8

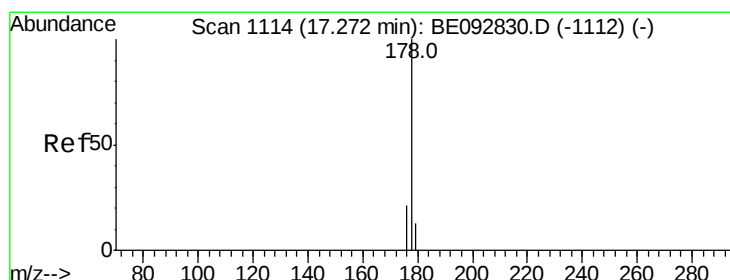
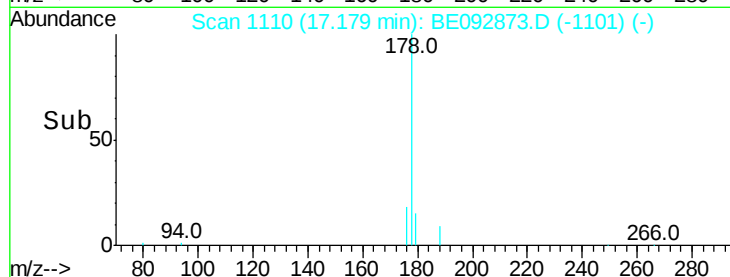
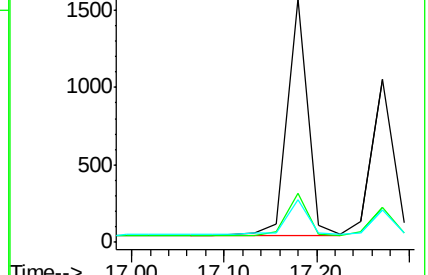
179 16.2 16.0 24.0



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



#22

Anthracene

Concen: 0.19 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

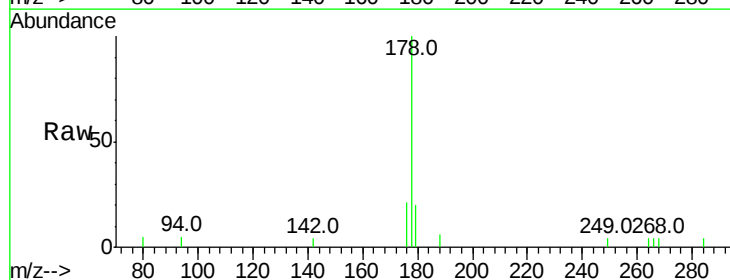
Tgt Ion:178 Resp: 1643

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

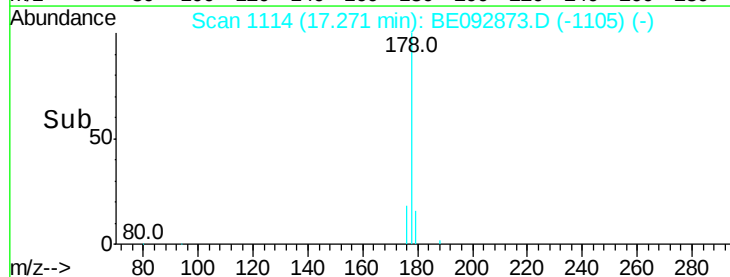
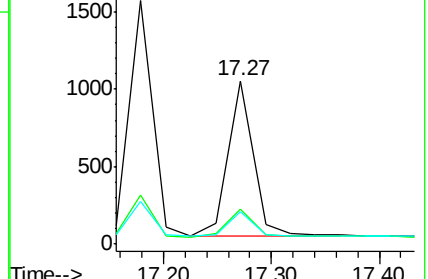
179 15.5 12.2 18.2

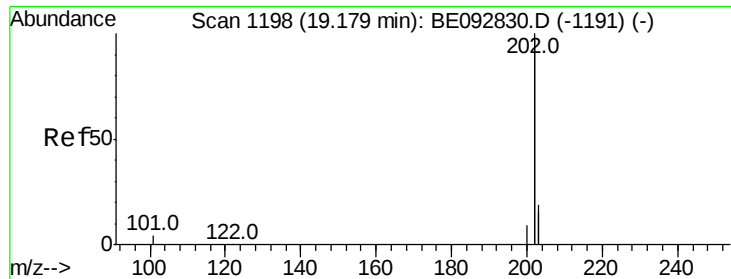


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.18 ng

RT: 19.16 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

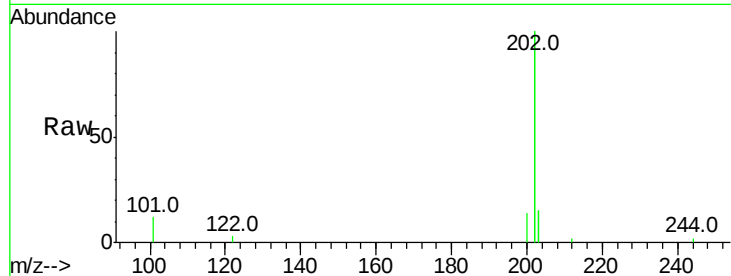
Tot Ion:202 Resp: 7541

Ion Ratio Lower Upper

202 100

101 3.4 2.2 3.4

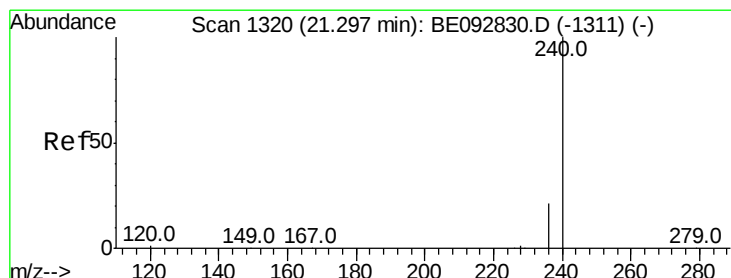
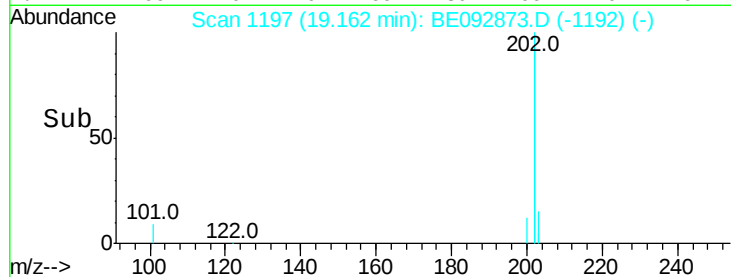
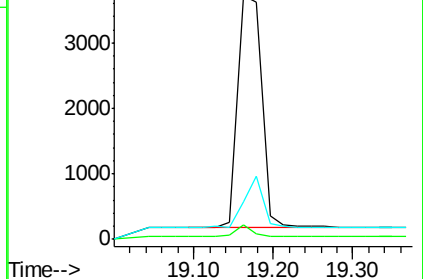
203 17.3 13.7 20.5



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# 1319

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

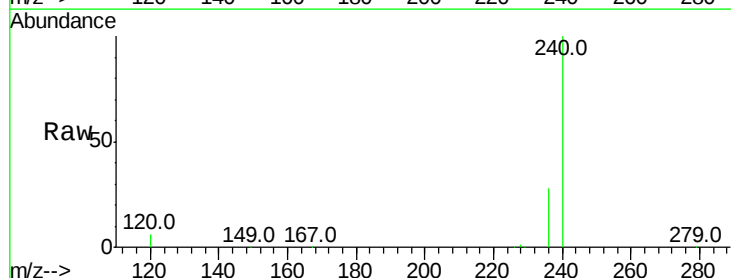
Tgt Ion:240 Resp: 43844

Ion Ratio Lower Upper

240 100

120 5.7 2.6 4.0#

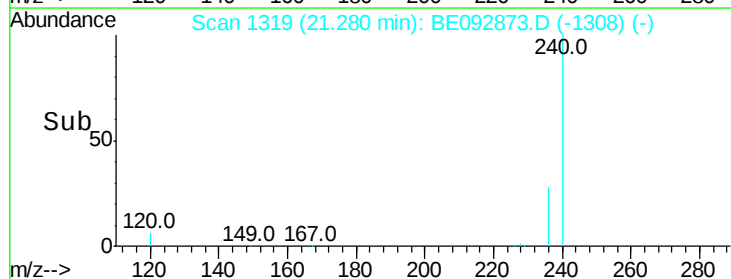
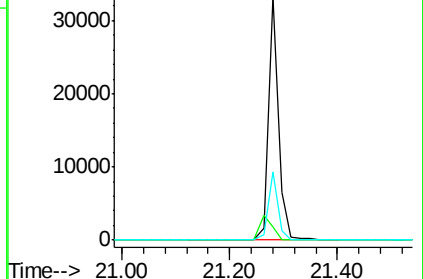
236 28.2 24.6 37.0

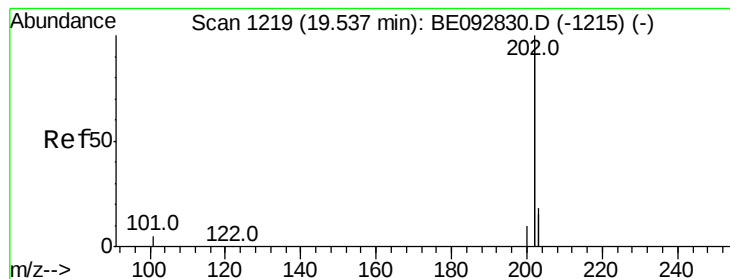


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.18 ng

RT: 19.54 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

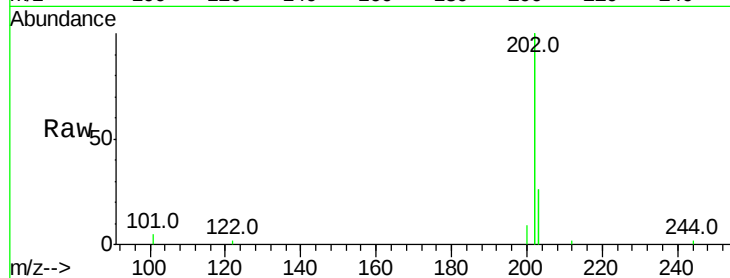
Tot Ion:202 Resp: 7907

Ion Ratio Lower Upper

202 100

200 5.1 4.2 6.4

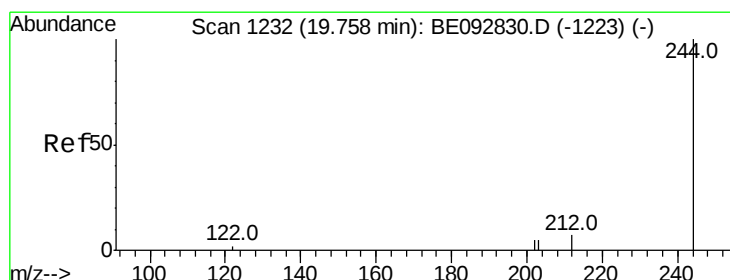
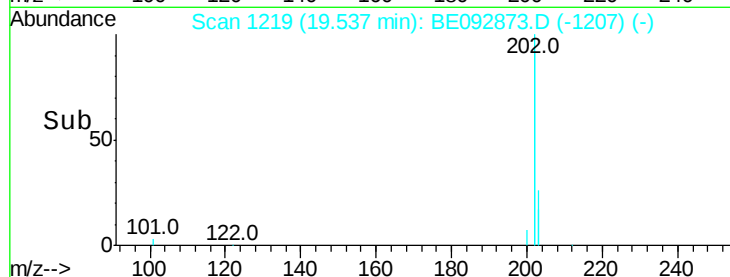
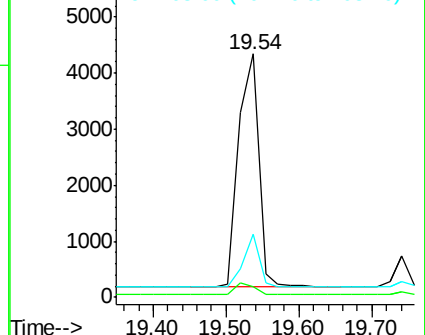
203 18.0 13.9 20.9



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: 5.53 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

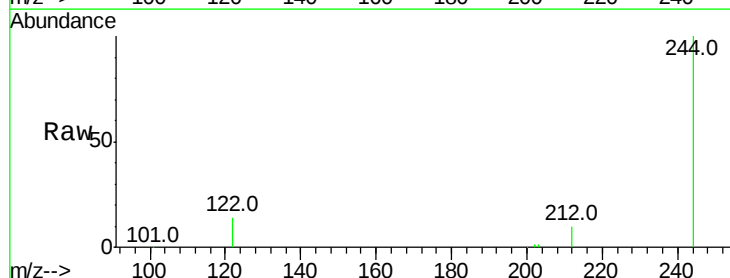
Tgt Ion:244 Resp: 41929

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

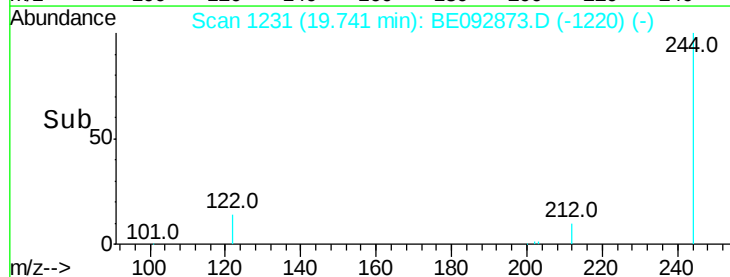
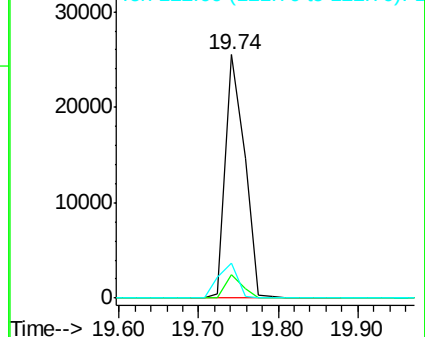
122 14.2 3.6 5.4#



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: 0.17 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

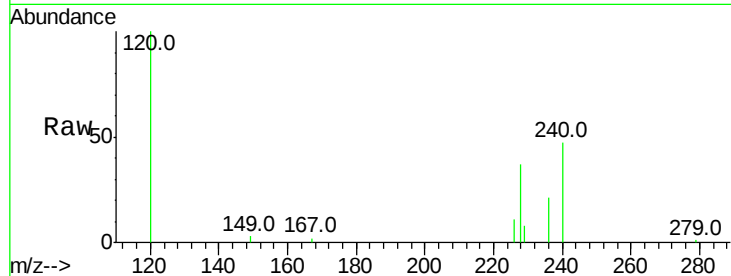
Tot Ion:228 Resp: 1749

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

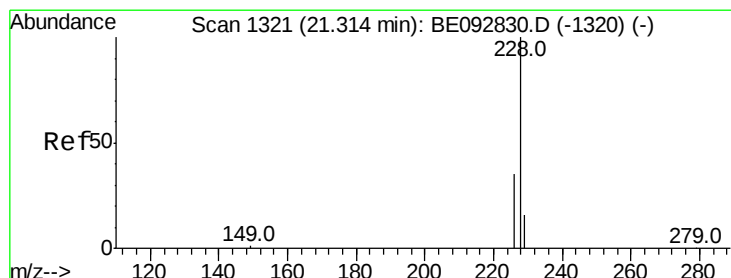
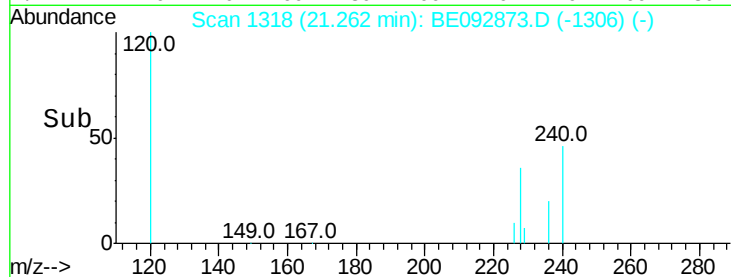
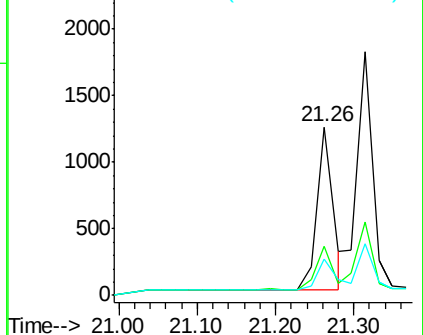
229 21.9 13.3 19.9#



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: 0.22 ng

RT: 21.31 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

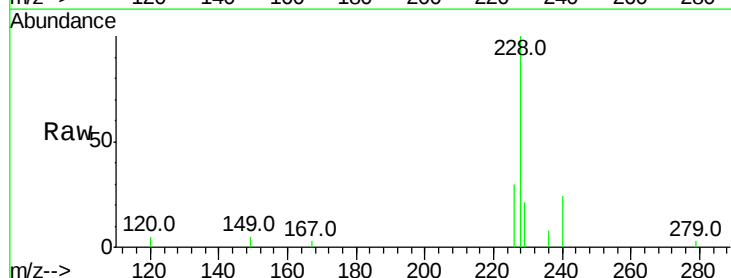
Tgt Ion:228 Resp: 2434

Ion Ratio Lower Upper

228 100

226 30.2 36.3 54.5#

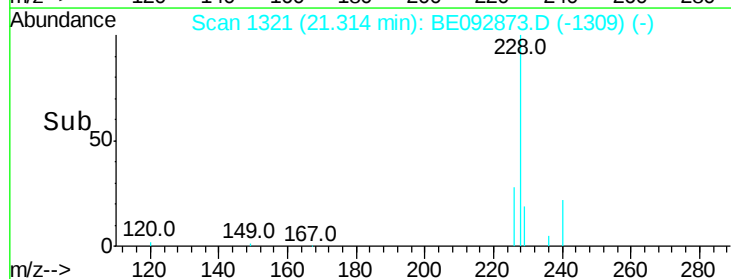
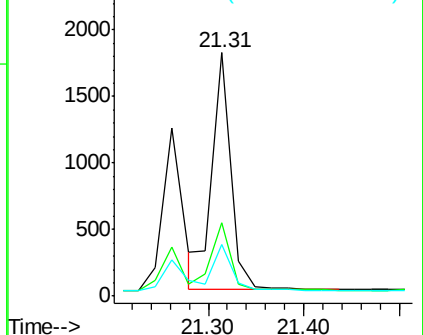
229 21.2 10.6 16.0#



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# 1315

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

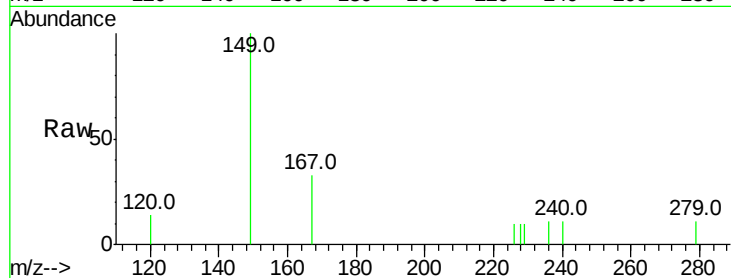
Tot Ion:149 Resp: 441

Ion Ratio Lower Upper

149 100

167 24.5 16.0 24.0#

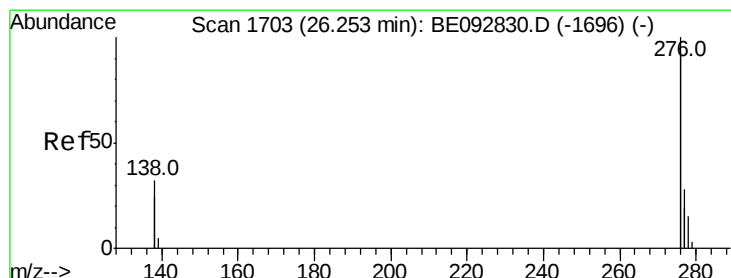
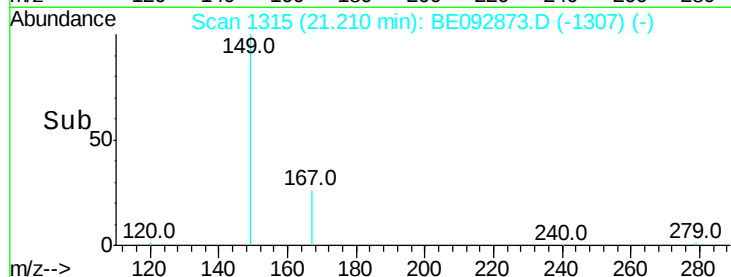
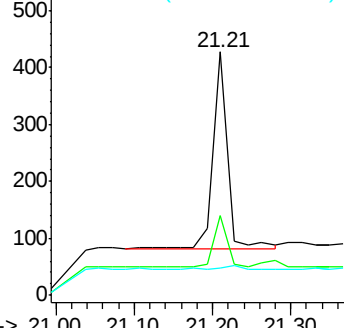
279 2.3 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng

RT: 26.24 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

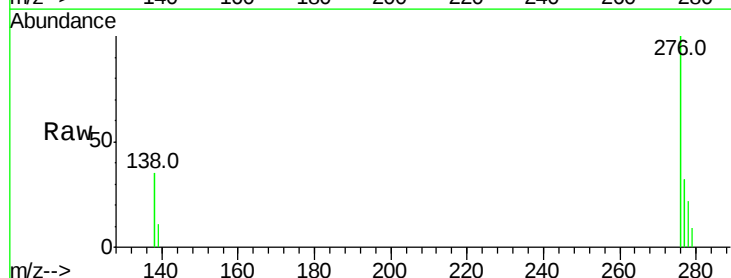
Tgt Ion:276 Resp: 6483

Ion Ratio Lower Upper

276 100

138 31.9 20.3 30.5#

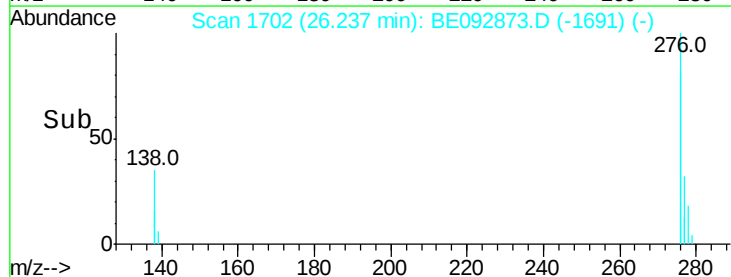
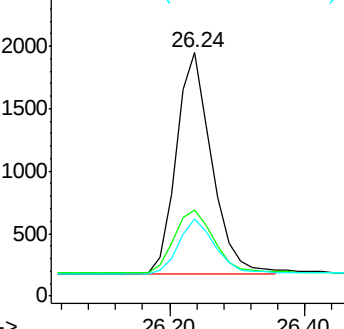
277 25.1 19.7 29.5

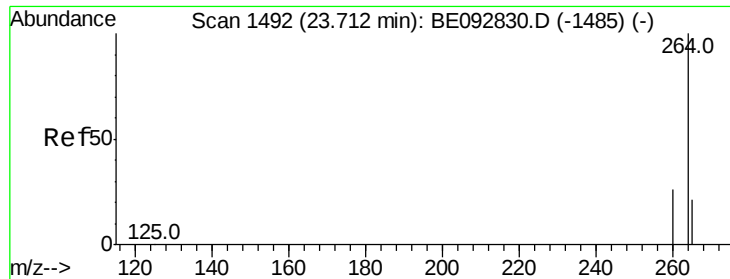


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

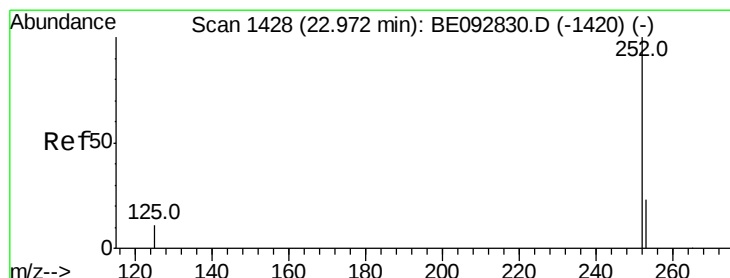
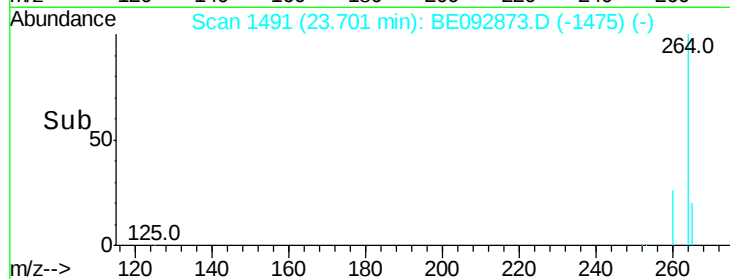
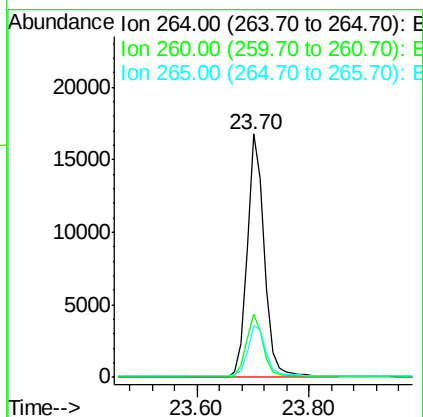
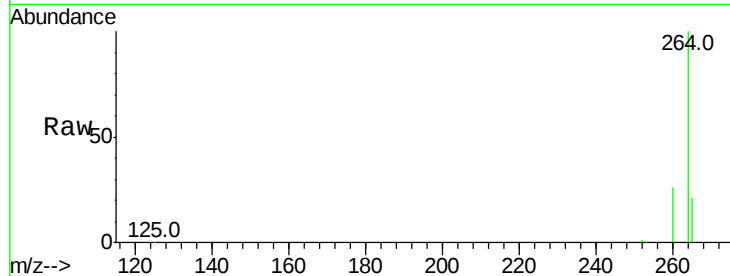




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092873.D
Acq: 30 Mar 2017 13:15

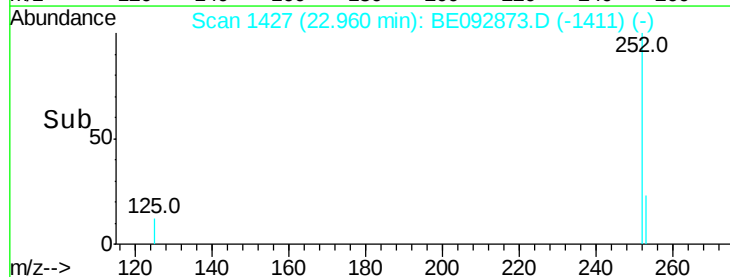
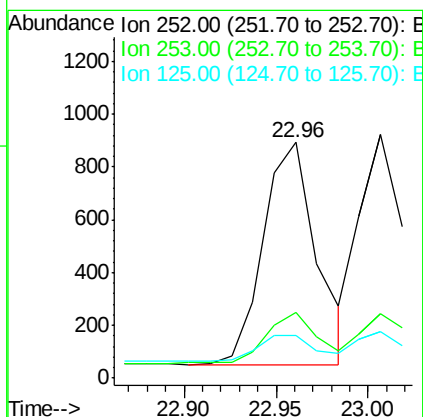
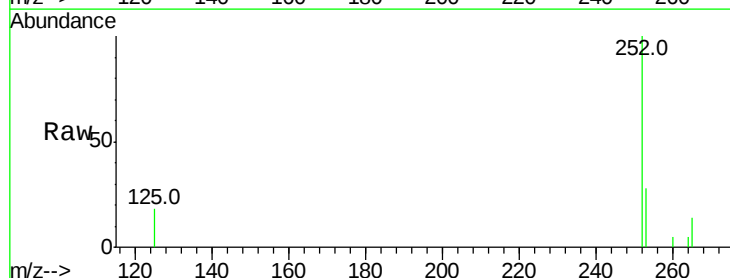
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2017

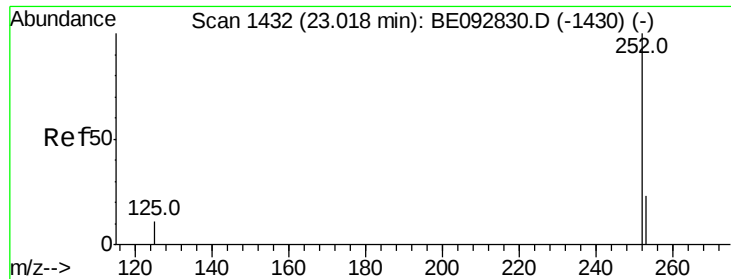
Tot Ion:264 Resp: 35612
Ion Ratio Lower Upper
264 100
260 25.8 20.1 30.1
265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092873.D
Acq: 30 Mar 2017 13:15

Tgt Ion:252 Resp: 1692
Ion Ratio Lower Upper
252 100
253 27.7 18.7 28.1
125 18.1 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.18 ng

RT: 23.01 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2017

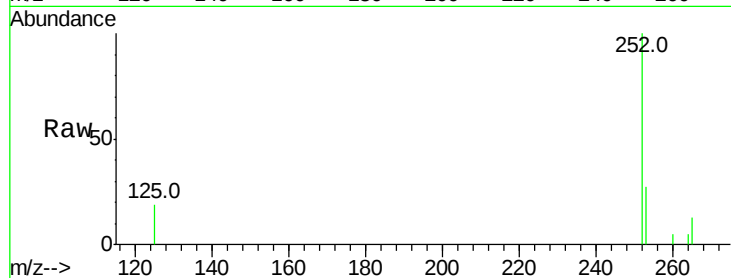
Tot Ion:252 Resp: 1532

Ion Ratio Lower Upper

252 100

253 26.6 20.3 30.5

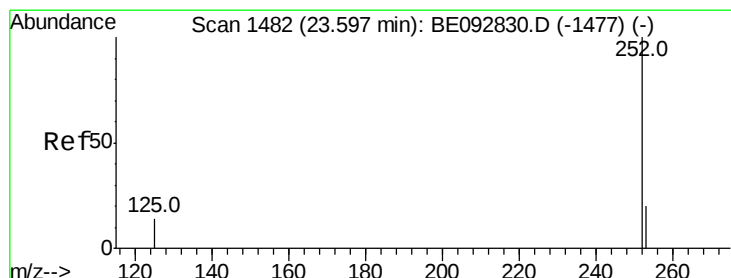
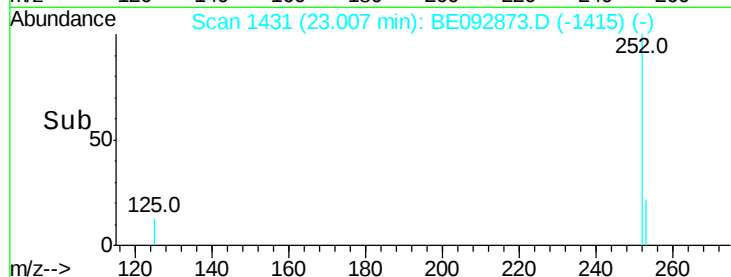
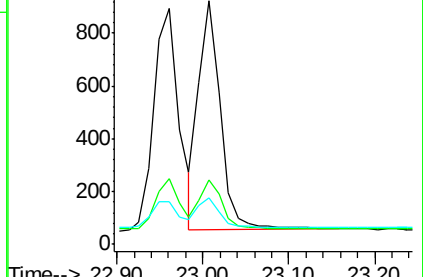
125 18.9 9.6 14.4#



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: 0.16 ng

RT: 23.59 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BE092873.D

Acq: 30 Mar 2017 13:15

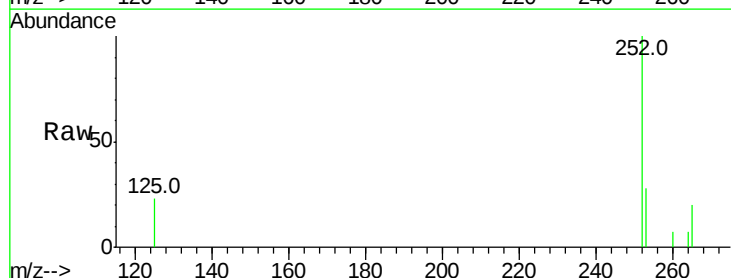
Tgt Ion:252 Resp: 1261

Ion Ratio Lower Upper

252 100

253 28.5 19.0 28.6

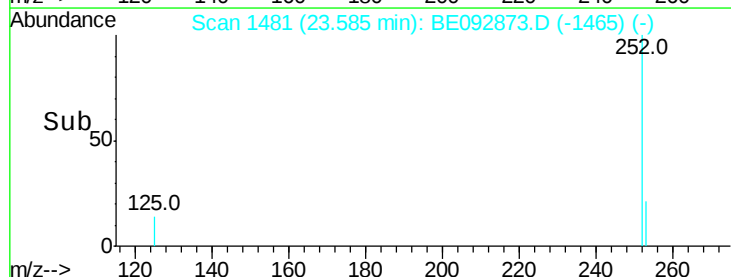
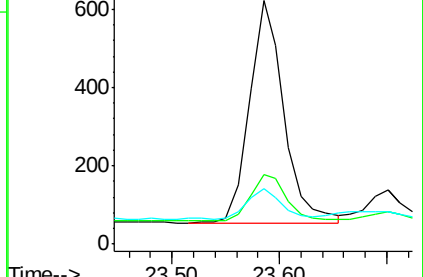
125 22.8 11.8 17.8#

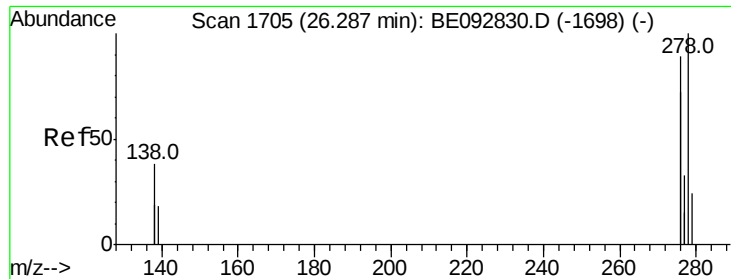


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

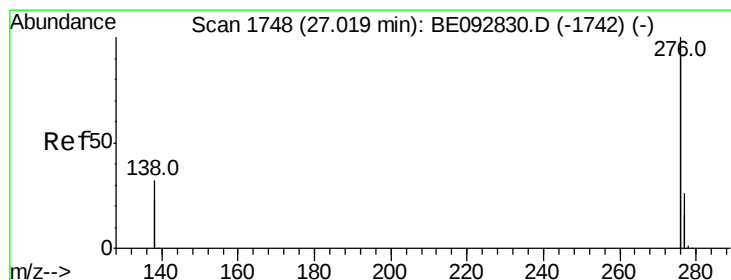
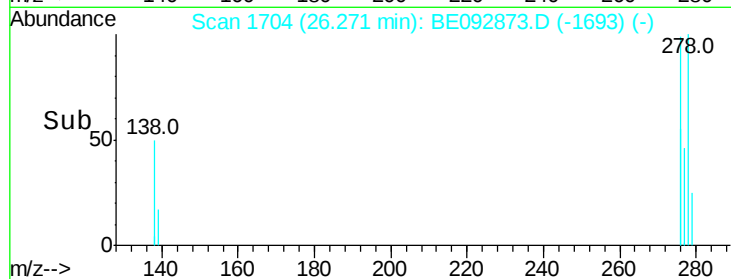
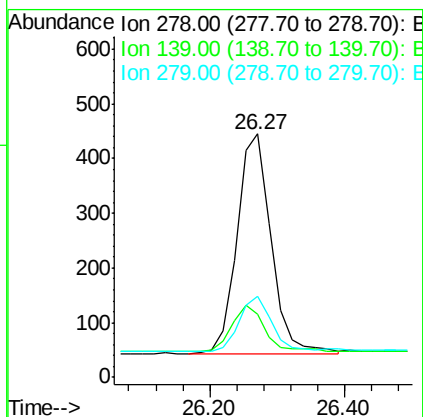
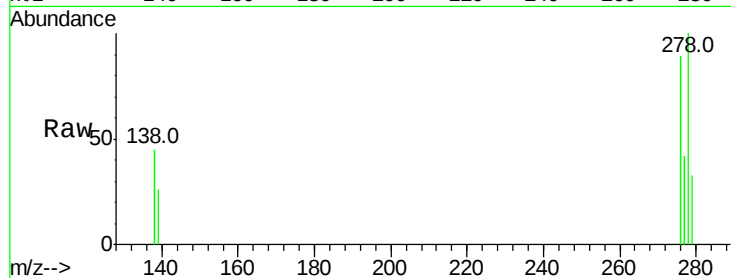




#35
 Dibenzo(a,h)anthracene
 Concen: 0.17 ng
 RT: 26.27 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

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

Tot Ion:278 Resp: 1402
 Ion Ratio Lower Upper
 278 100
 139 26.1 13.8 20.8#
 279 33.3 21.4 32.2#



#36
 Benzo(g,h,i)perylene
 Concen: 0.18 ng
 RT: 27.00 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BE092873.D
 Acq: 30 Mar 2017 13:15

Tgt Ion:276 Resp: 6120
 Ion Ratio Lower Upper
 276 100
 277 29.9 19.8 29.8#
 138 35.7 19.8 29.6#

