

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
 Data File : BE092624.D
 Acq On : 27 Dec 2016 15:59
 Operator : UM/SJ
 Sample : H6103-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Quant Time: Dec 28 01:25:42 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11269	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	46322	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26795	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	48333	5.00	ng	0.00
24) Chrysene-d12	21.72	240	51585	5.00	ng	0.00
31) Perylene-d12	24.08	264	48714	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	20813	9.51	ng	-0.03
5) Phenol-d6	7.31	99	27339	8.26	ng	-0.07
8) Nitrobenzene-d5	9.32	82	12535	3.95	ng	-0.04
13) 2,4,6-Tribromophenol	16.30	330	4115	5.38	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	28457	4.44	ng	-0.01
26) Terphenyl-d14	20.16	244	29105	4.60	ng	-0.02

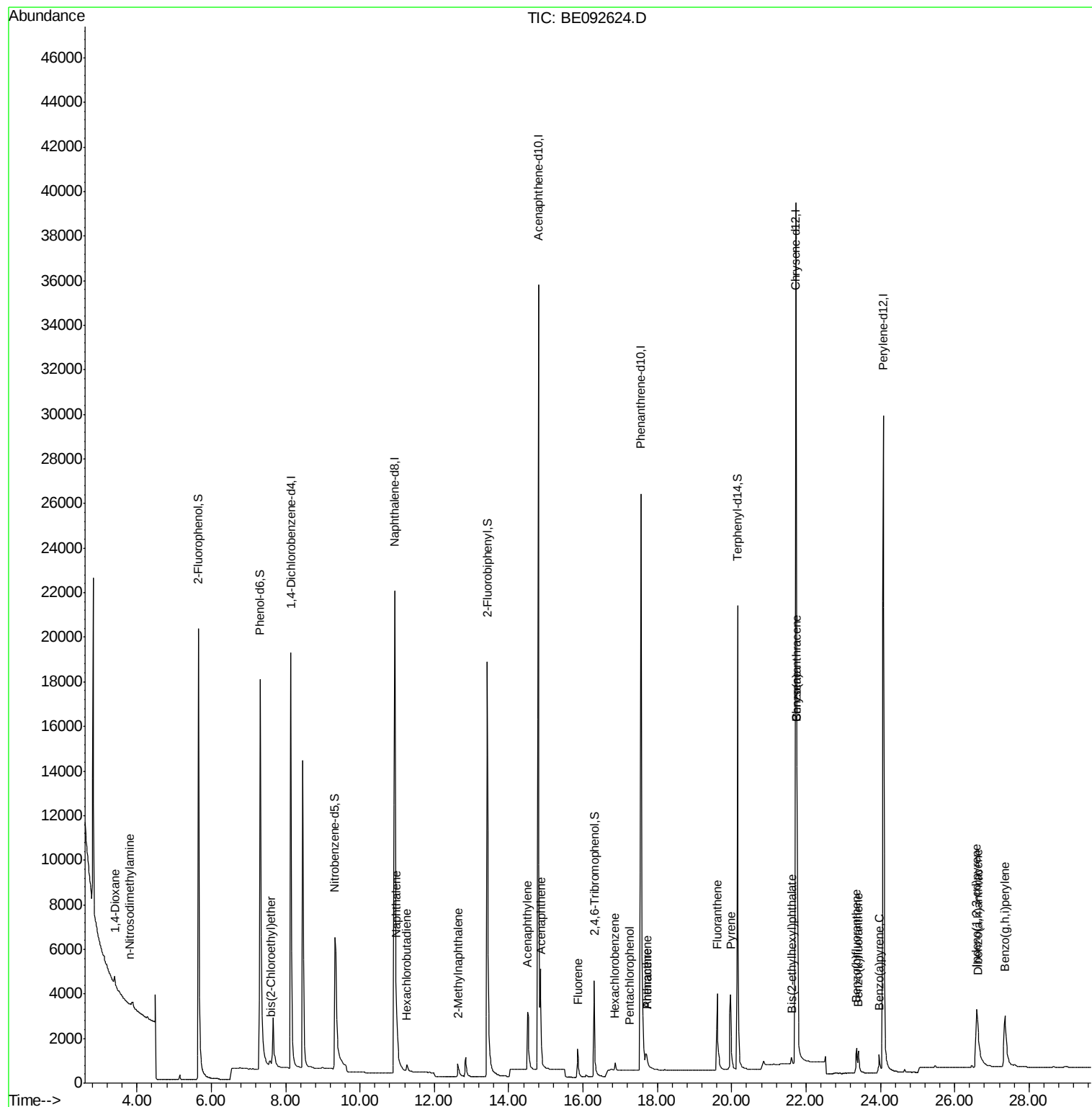
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	253	0.02	ng	# 1
3) n-Nitrosodimethylamine	3.80	42	113	0.26	ng	# 24
6) bis(2-Chloroethyl)ether	7.59	93	442	0.24	ng	# 26
9) Naphthalene	10.97	128	1672	0.18	ng	# 86
10) Hexachlorobutadiene	11.26	225	262	0.18	ng	96
11) 2-Methylnaphthalene	12.64	142	896	0.15	ng	97
15) Acenaphthylene	14.51	152	6189	0.17	ng	99
16) Acenaphthene	14.87	154	1109	0.18	ng	92
17) Fluorene	15.86	166	1154	0.15	ng	99
19) Hexachlorobenzene	16.86	284	1640	0.79	ng	# 32
20) Pentachlorophenol	17.26	266	54	0.20	ng	# 78
21) Phenanthrene	17.72	178	1370	0.11	ng	95
22) Anthracene	17.72	178	1649	0.15	ng	98
23) Fluoranthene	19.61	202	7159	0.14	ng	99
25) Pyrene	19.97	202	7232	0.16	ng	99
27) Benzo(a)anthracene	21.75	228	15883	0.34	ng	# 82
28) Chrysene	21.75	228	15991	0.30	ng	# 92
29) Bis(2-ethylhexyl)phthalate	21.61	149	523	0.17	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.58	276	8889	0.18	ng	99
32) Benzo(b)fluoranthene	23.36	252	1785	0.16	ng	# 87
33) Benzo(k)fluoranthene	23.41	252	2080	0.17	ng	# 87
34) Benzo(a)pyrene	23.97	252	1720	0.16	ng	# 83
35) Dibenzo(a,h)anthracene	26.62	278	1774	0.17	ng	# 77
36) Benzo(g,h,i)perylene	27.35	276	8154	0.19	ng	# 87

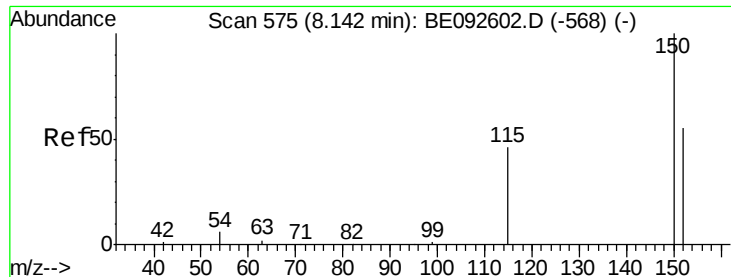
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

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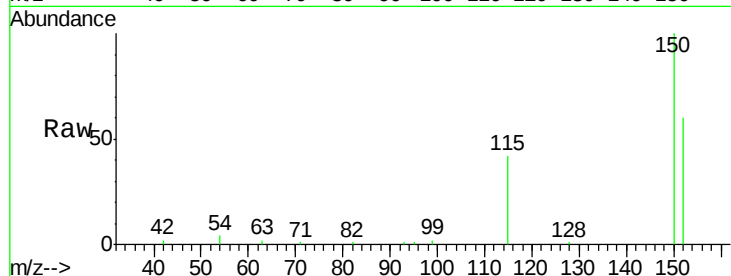
Tgt Ion:152 Resp: 11269

Ion Ratio Lower Upper

152 100

150 166.7 106.0 159.0#

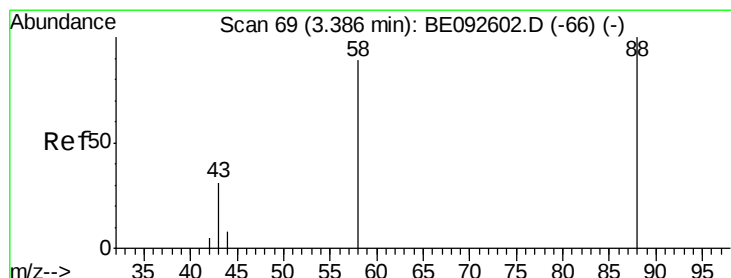
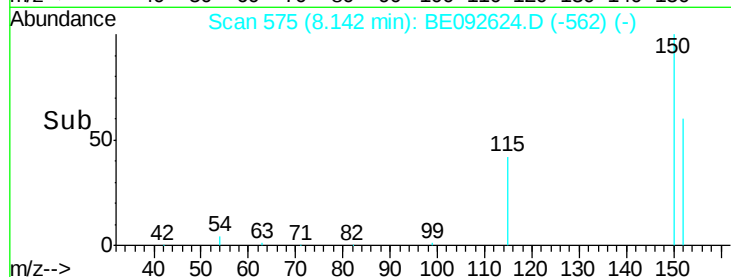
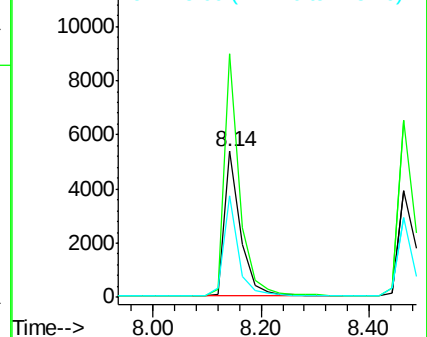
115 69.9 31.2 46.8#



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: 0.02 ng

RT: 3.40 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

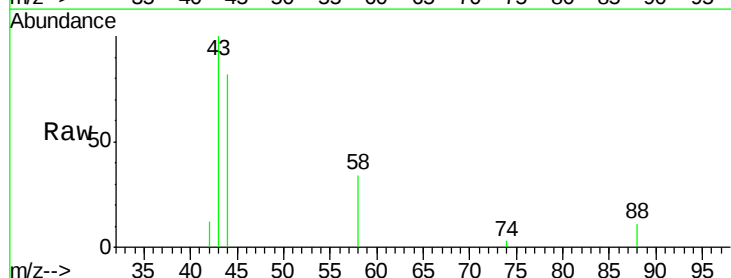
Tgt Ion: 88 Resp: 253

Ion Ratio Lower Upper

88 100

58 366.0 63.6 95.4#

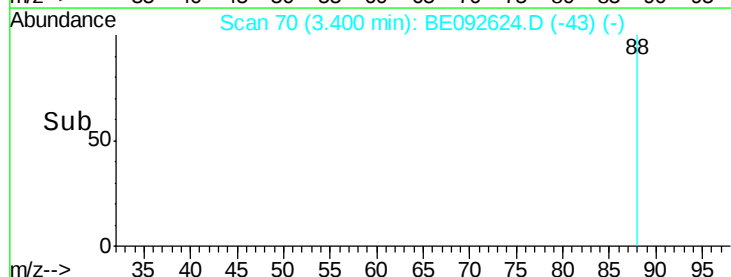
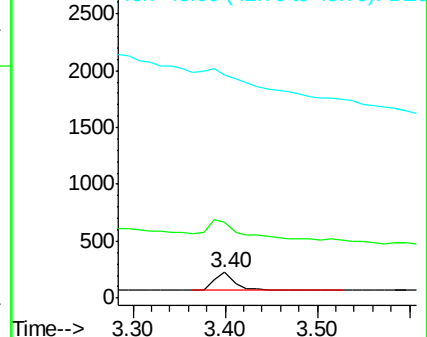
43 0.0 28.0 42.0#

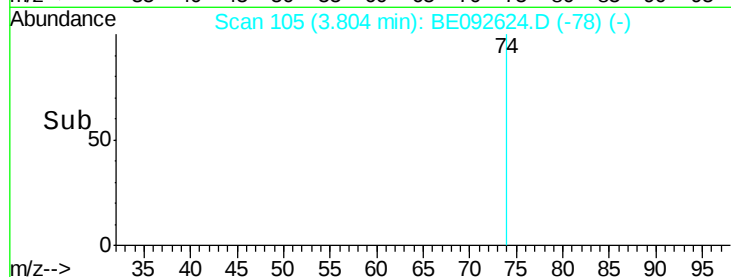
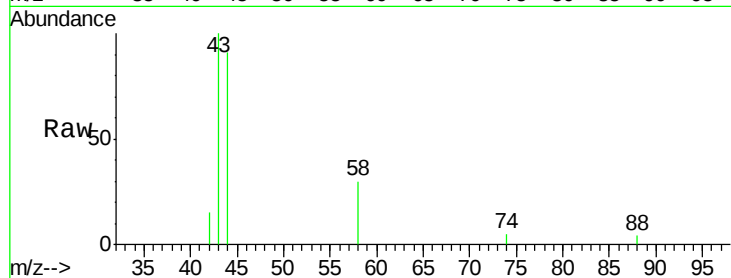
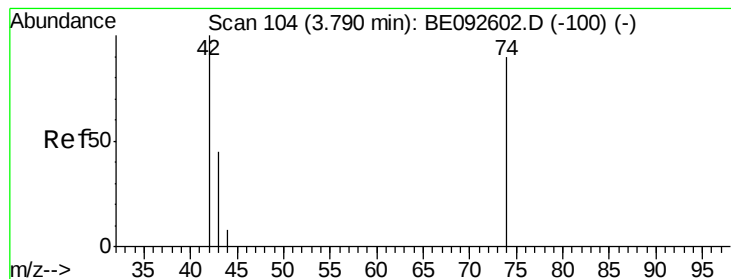


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.80 min Scan# 105

Delta R.T. 0.01 min

Lab File: BE092624.D

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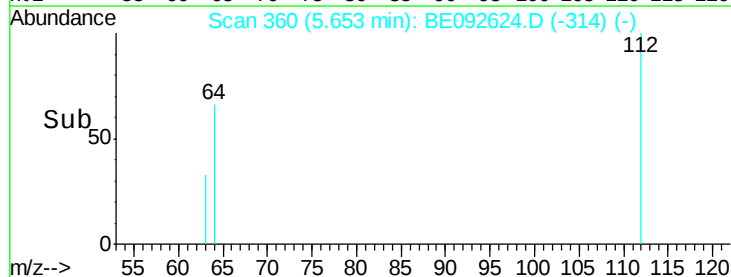
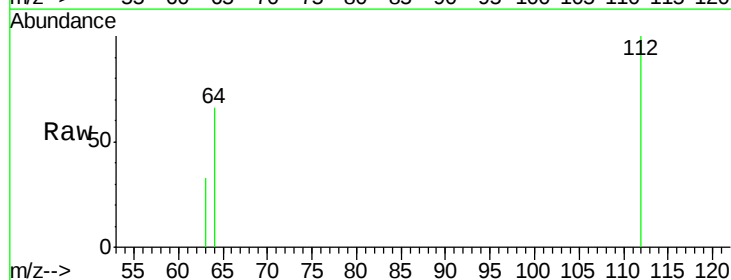
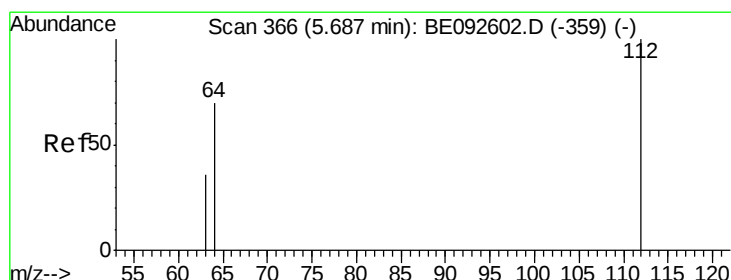
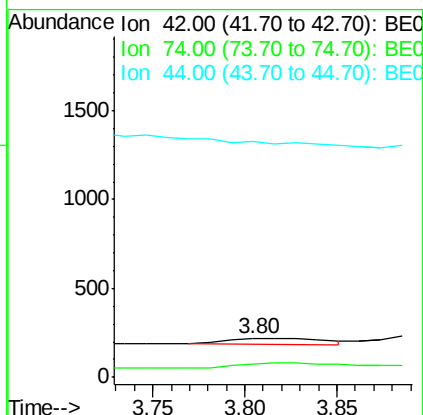
Tgt Ion: 42 Resp: 113

Ion Ratio Lower Upper

42 100

74 190.3 86.0 129.0#

44 0.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 9.51 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

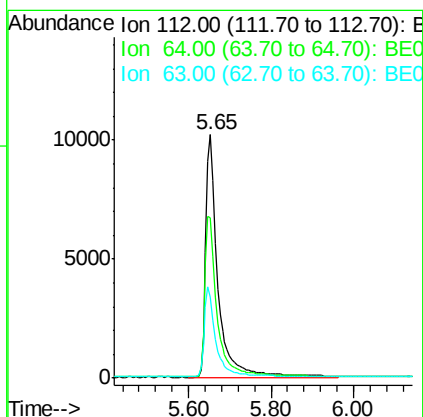
Tgt Ion: 112 Resp: 20813

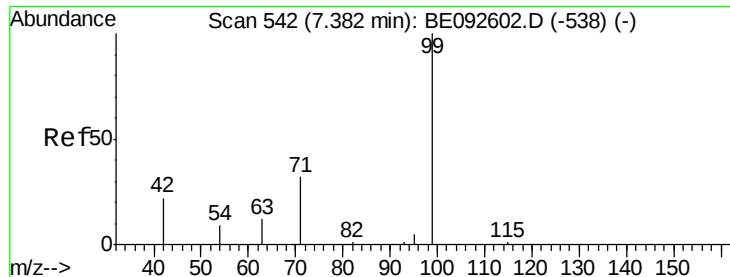
Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

63 36.7 27.9 41.9





#5

Phenol-d6

Concen: 8.26 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

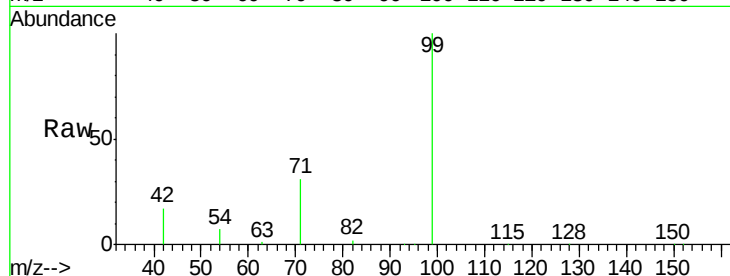
Tgt Ion: 99 Resp: 27339

Ion Ratio Lower Upper

99 100

42 24.1 16.0 24.0#

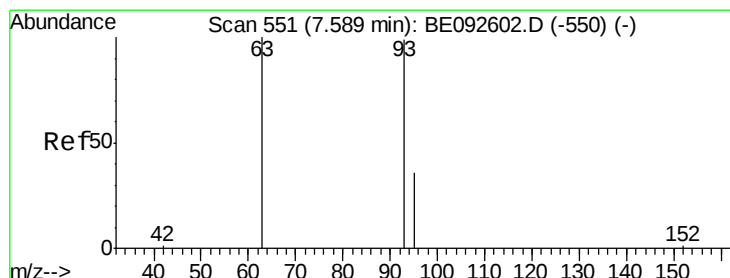
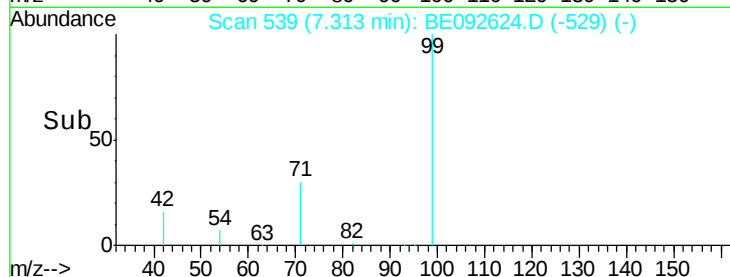
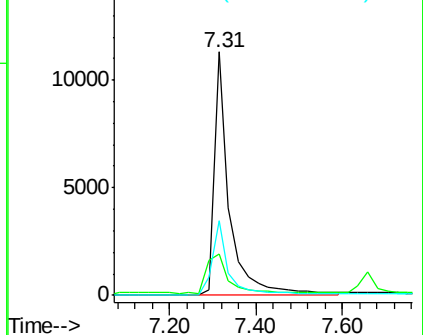
71 32.7 30.6 45.8



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: 0.24 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

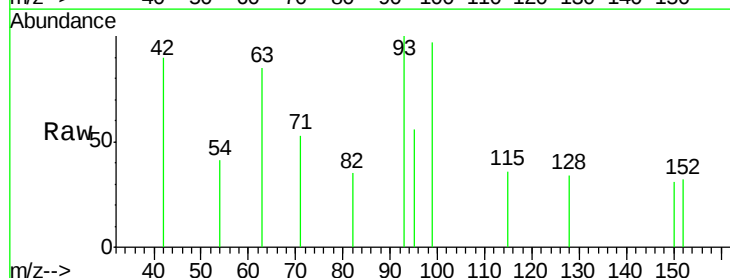
Tgt Ion: 93 Resp: 442

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

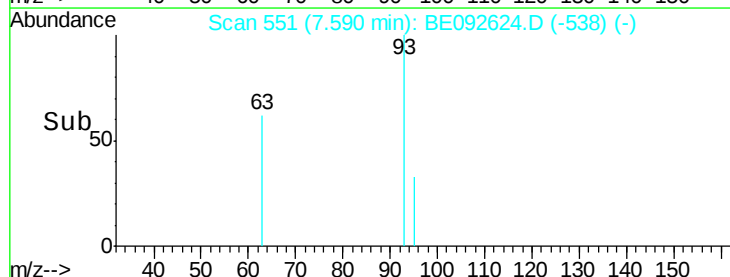
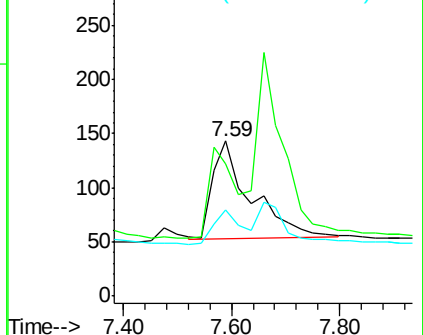
95 25.3 24.0 36.0

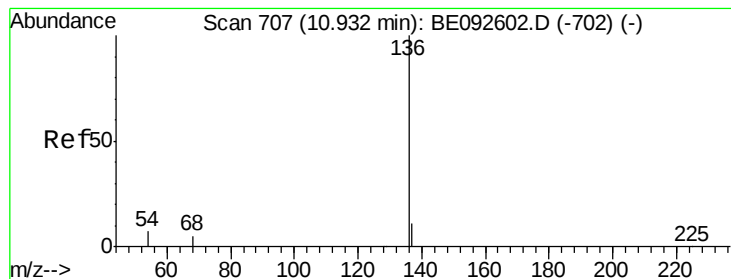


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tgt Ion:136 Resp: 46322

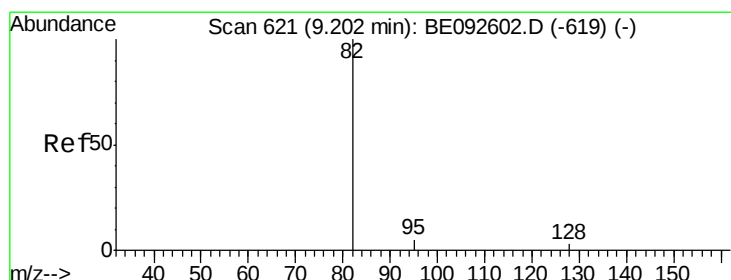
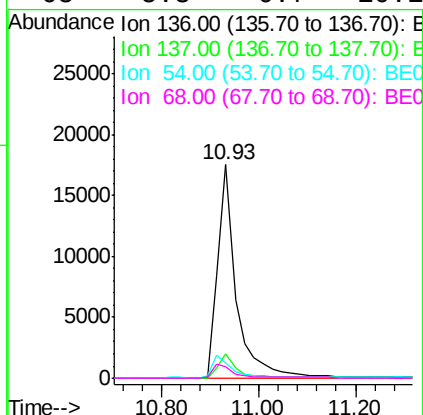
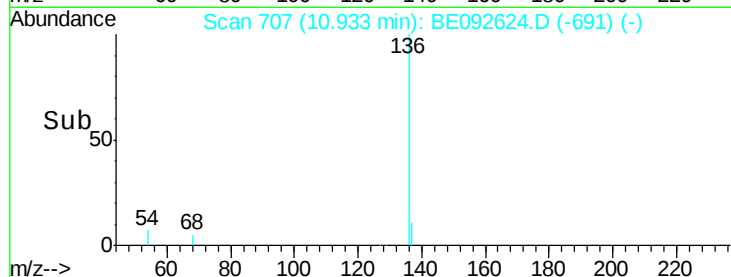
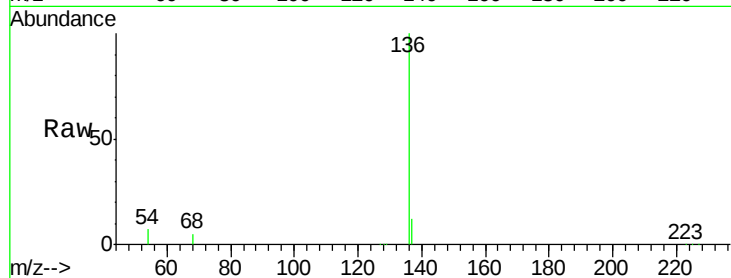
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 7.4 9.6 14.4#

68 5.3 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 3.95 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.04 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

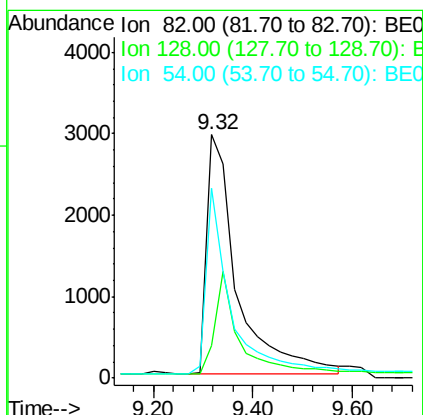
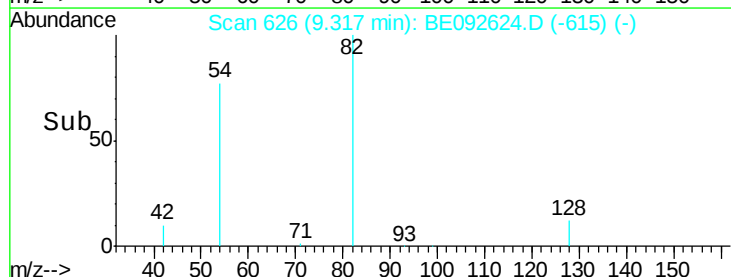
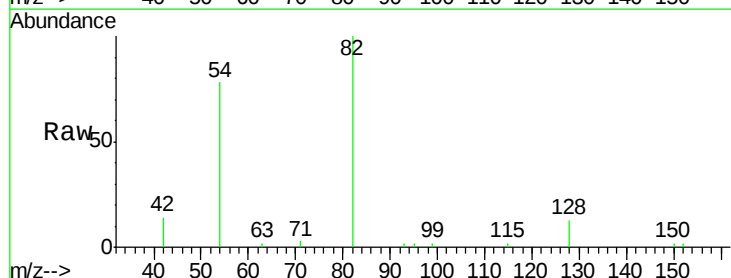
Tgt Ion: 82 Resp: 12535

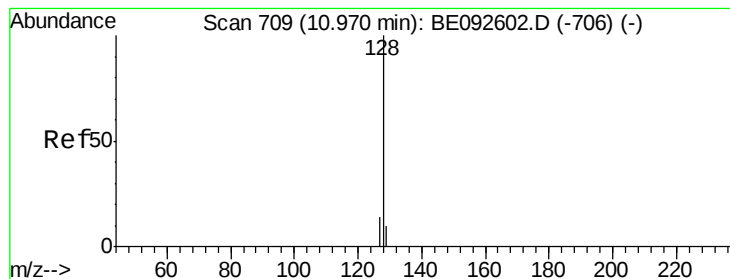
Ion Ratio Lower Upper

82 100

128 13.2 39.0 58.4#

54 77.8 44.8 67.2#





#9

Naphthalene

Concen: 0.18 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

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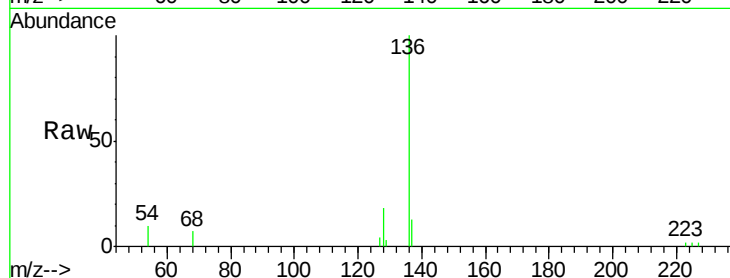
Tgt Ion:128 Resp: 1672

Ion Ratio Lower Upper

128 100

129 18.6 11.2 16.8#

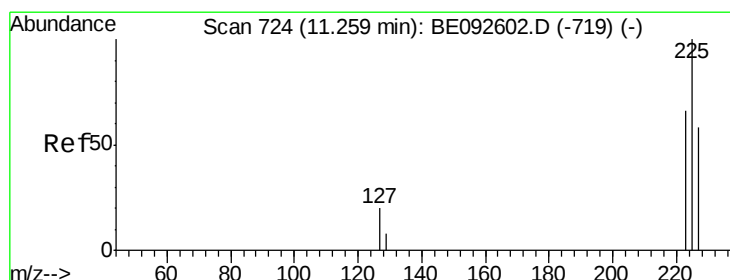
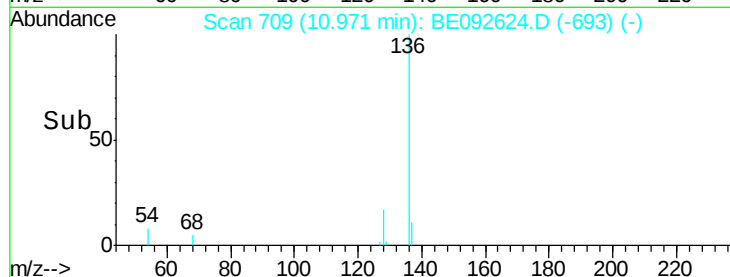
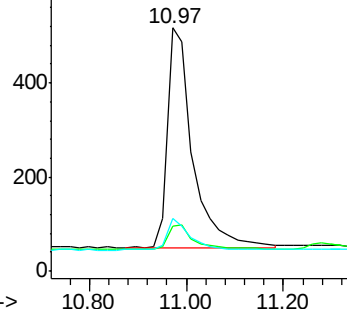
127 21.7 11.6 17.4#



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: 0.18 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

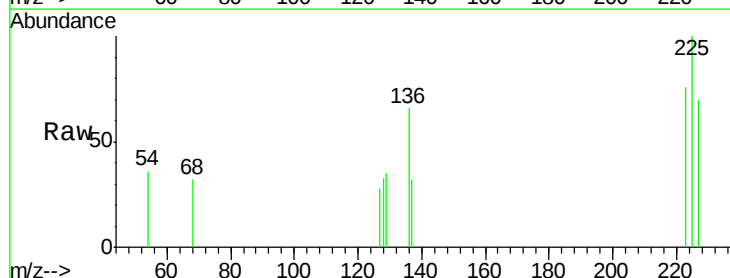
Tgt Ion:225 Resp: 262

Ion Ratio Lower Upper

225 100

223 69.1 50.6 76.0

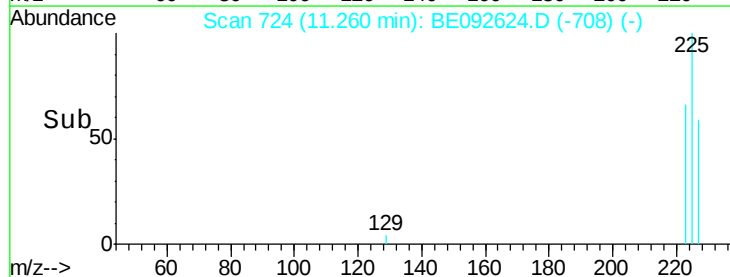
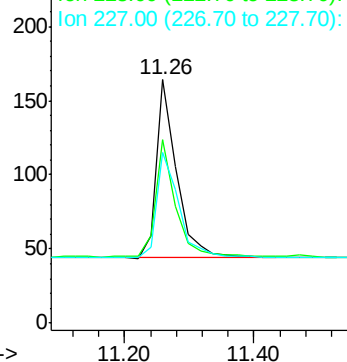
227 64.5 51.4 77.0

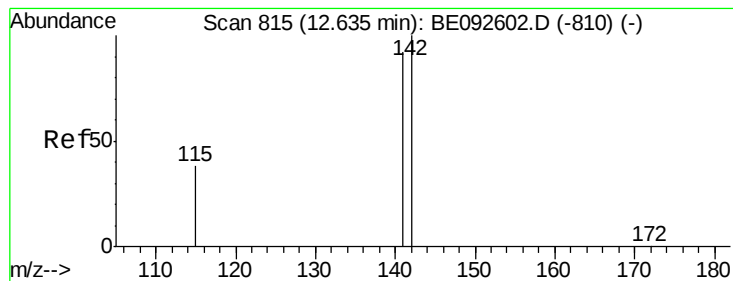


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.15 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

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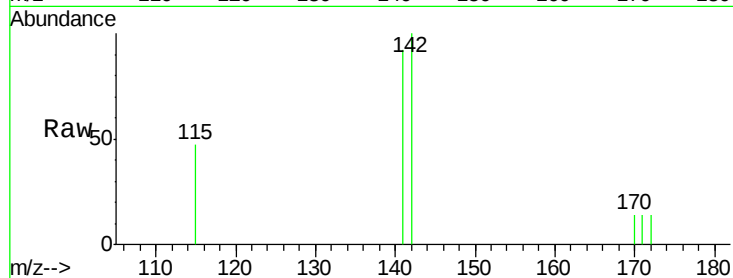
Tgt Ion:142 Resp: 896

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5

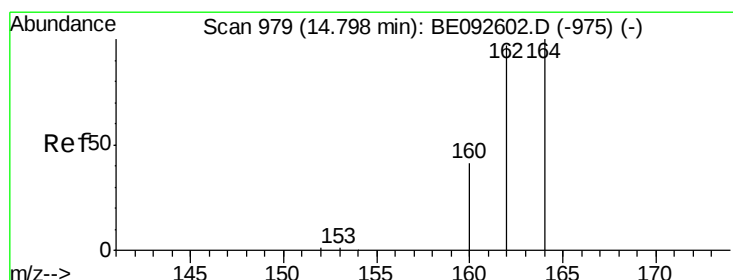
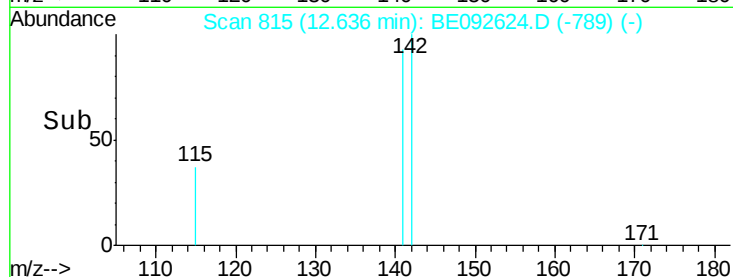
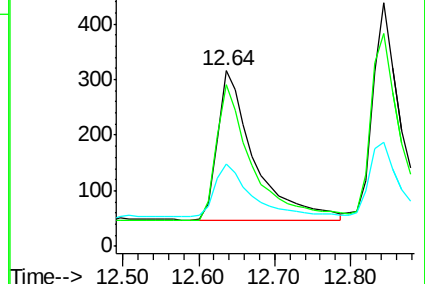
115 47.2 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

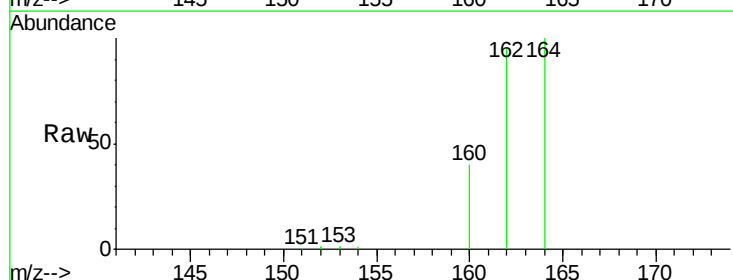
Tgt Ion:164 Resp: 26795

Ion Ratio Lower Upper

164 100

162 95.5 71.4 107.0

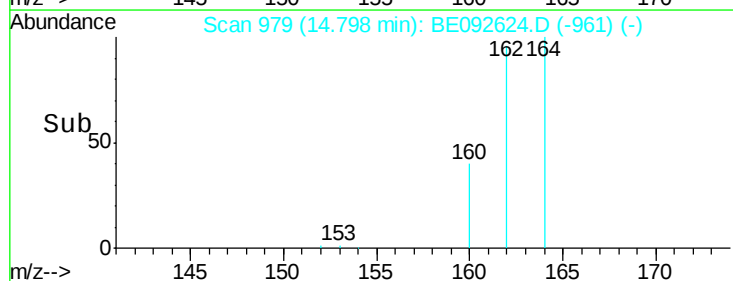
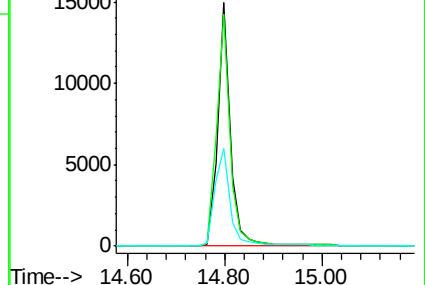
160 40.4 27.4 41.2

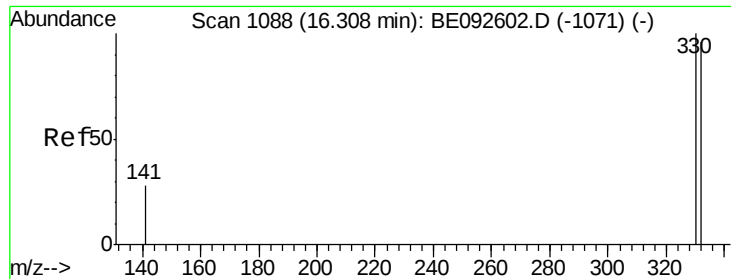


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

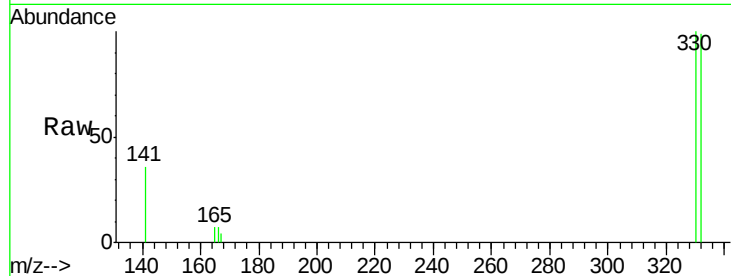




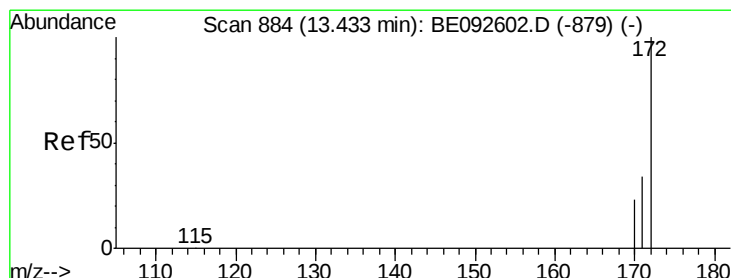
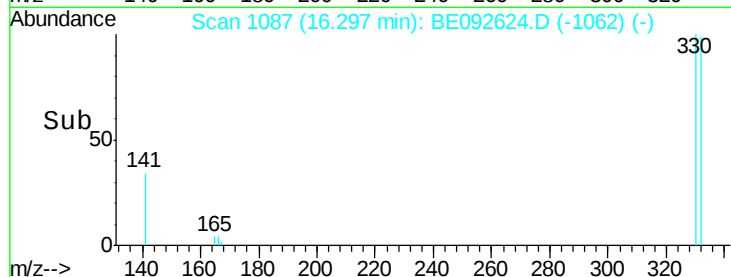
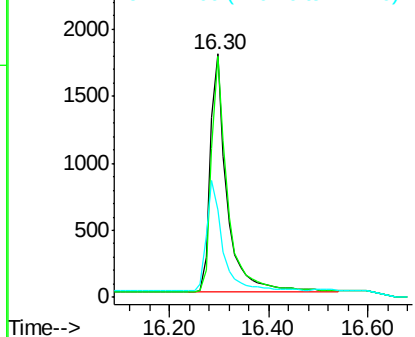
#13
 2,4,6-Tribromophenol
 Concen: 5.38 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092624.D
 Acq: 27 Dec 2016 15:59

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tgt Ion: 330 Resp: 4115
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 45.6 31.0 46.6

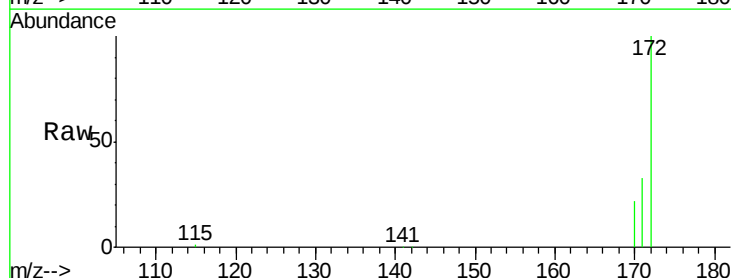


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

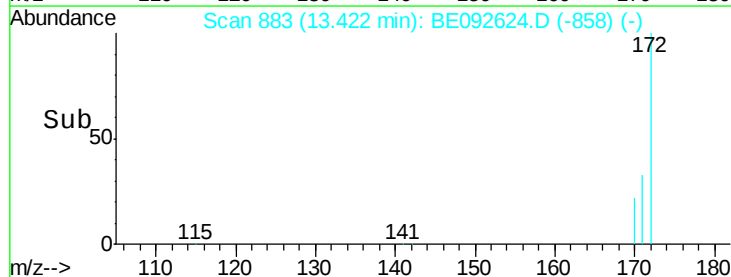
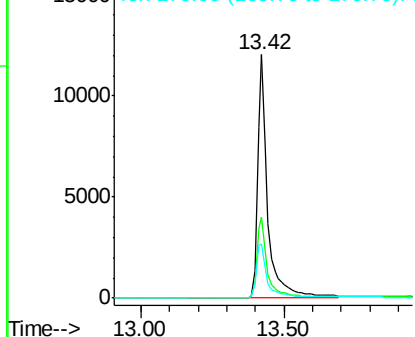


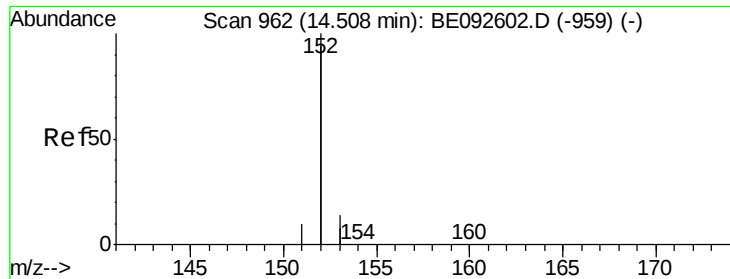
#14
 2-Fluorobiphenyl
 Concen: 4.44 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092624.D
 Acq: 27 Dec 2016 15:59

Tgt Ion: 172 Resp: 28457
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.1 45.1
 170 22.0 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.17 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

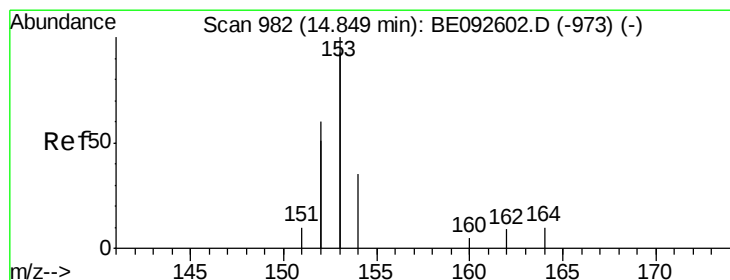
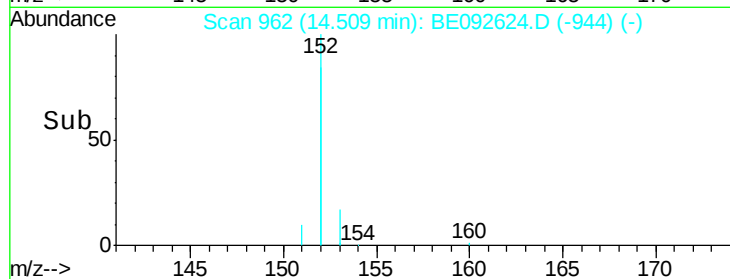
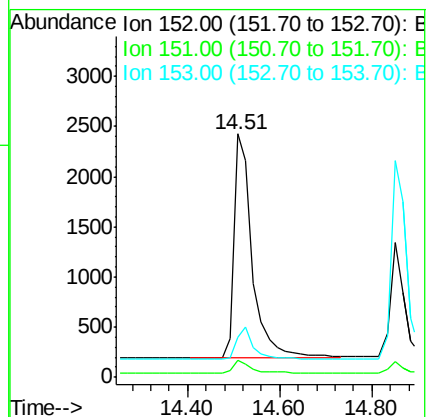
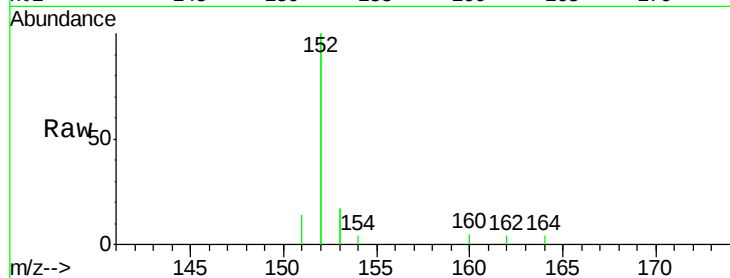
Tgt Ion:152 Resp: 6189

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.3 10.4 15.6



#16

Acenaphthene

Concen: 0.18 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

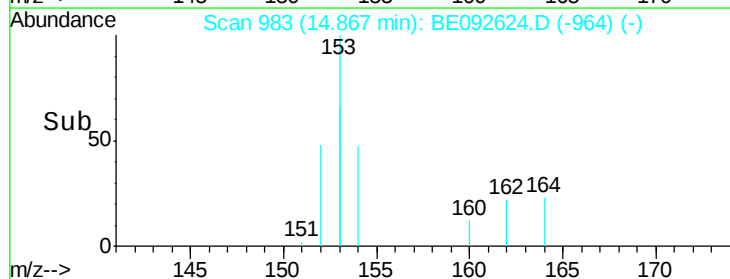
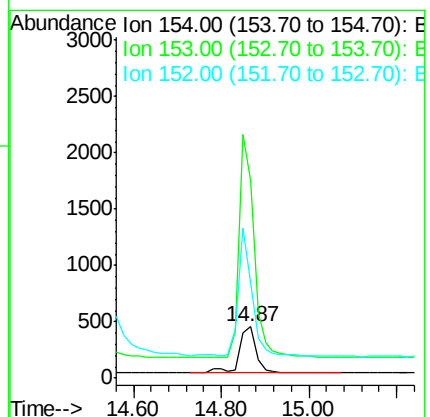
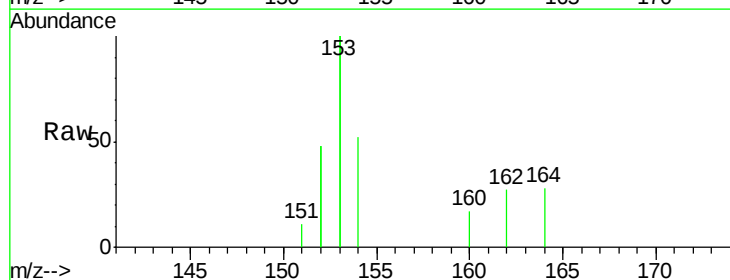
Tgt Ion:154 Resp: 1109

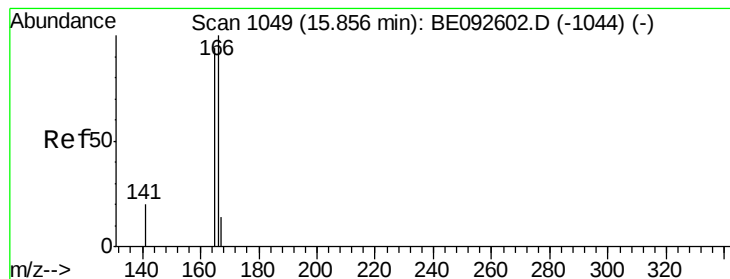
Ion Ratio Lower Upper

154 100

153 409.2 350.8 526.2

152 216.2 171.1 256.7





#17

Fluorene

Concen: 0.15 ng

RT: 15.86 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

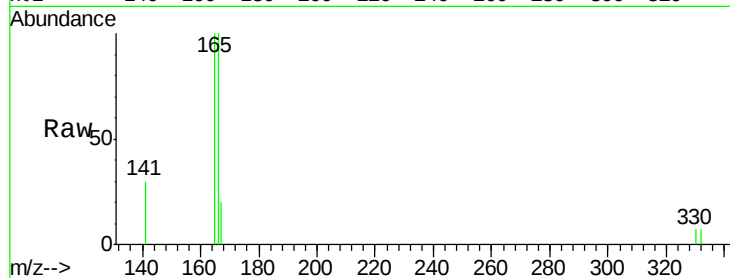
Tgt Ion:166 Resp: 1154

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

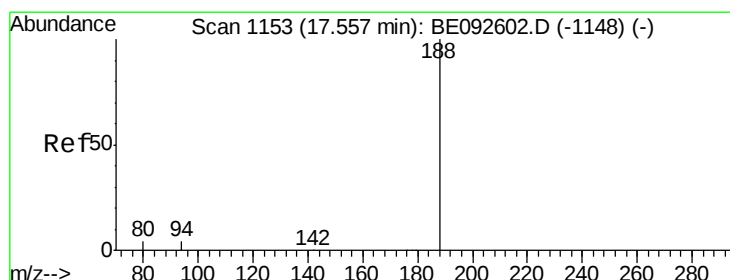
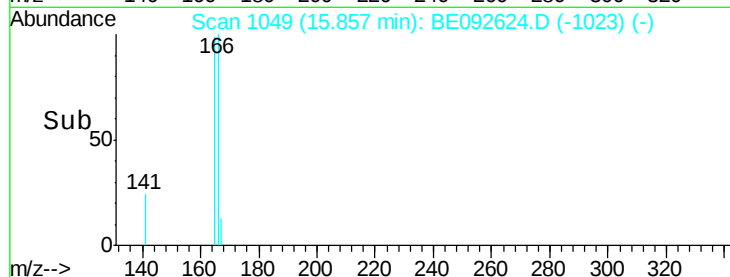
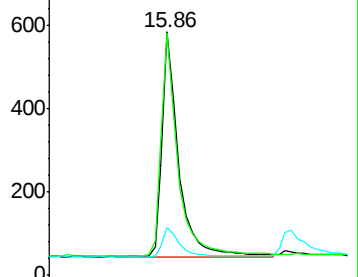
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

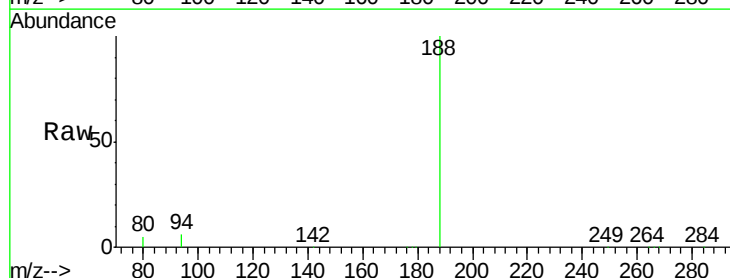
Tgt Ion:188 Resp: 48333

Ion Ratio Lower Upper

188 100

94 5.8 3.2 4.8#

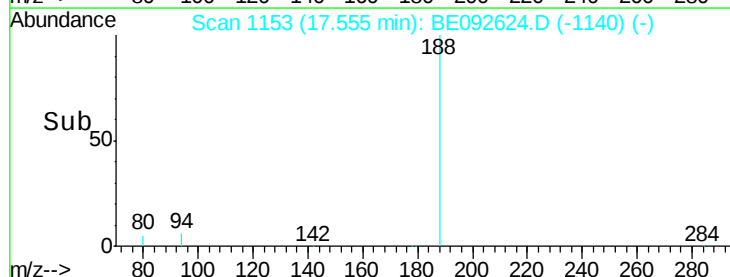
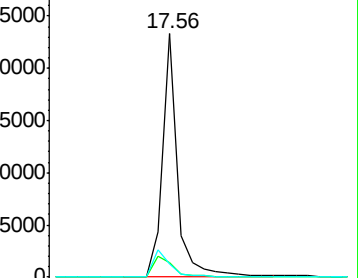
80 5.5 2.6 3.8#

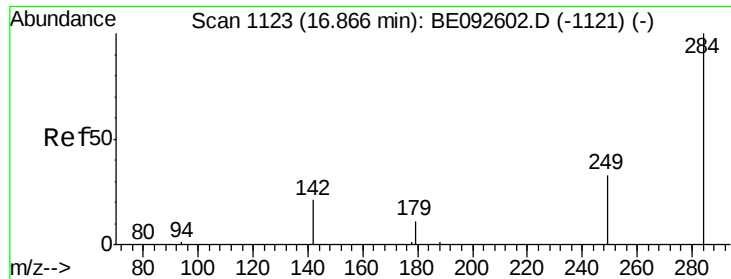


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

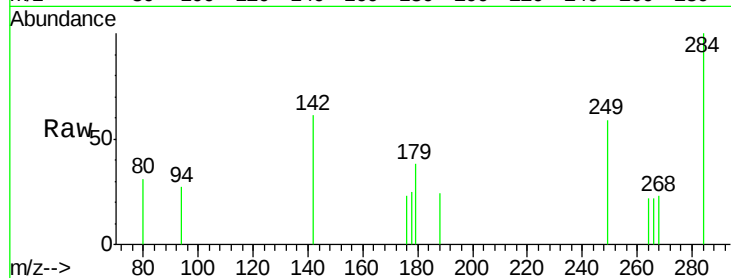




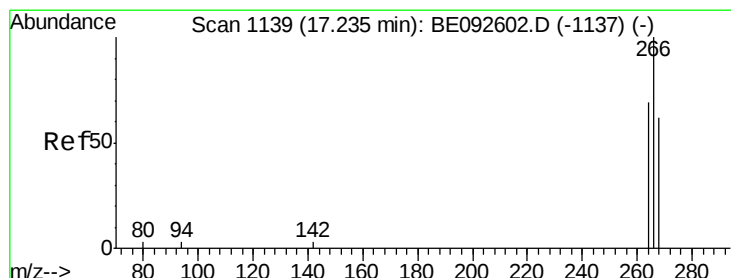
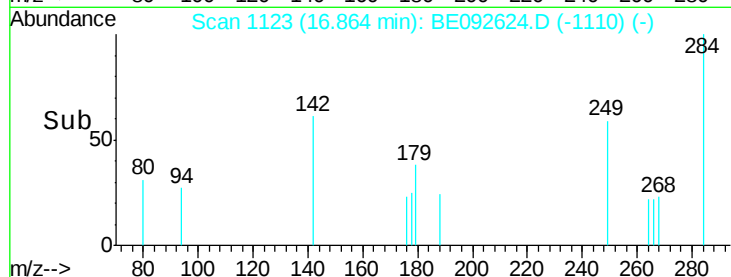
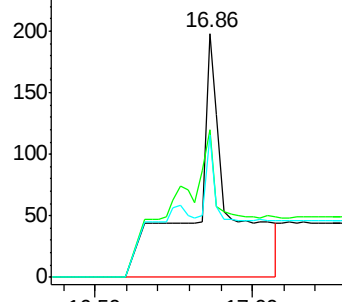
#19
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092624.D
Acq: 27 Dec 2016 15:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tgt Ion: 284 Resp: 1640
Ion Ratio Lower Upper
284 100
142 94.2 29.1 43.7#
249 13.6 27.9 41.9#

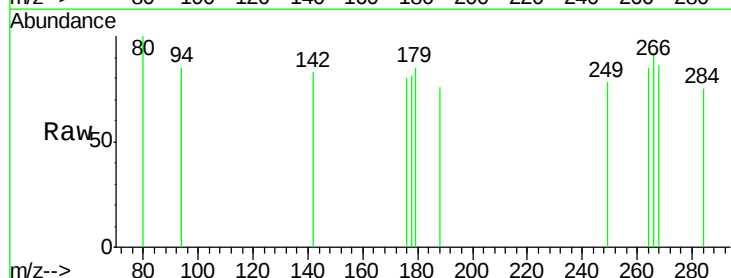


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

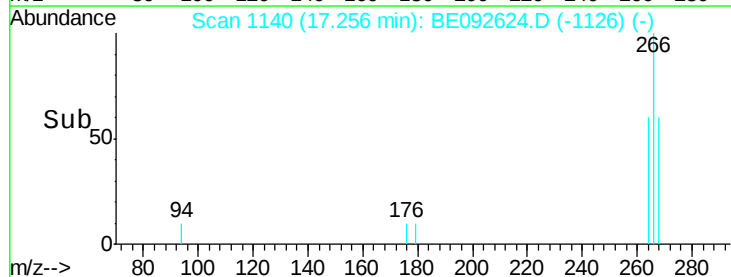
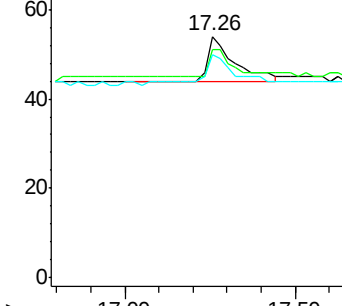


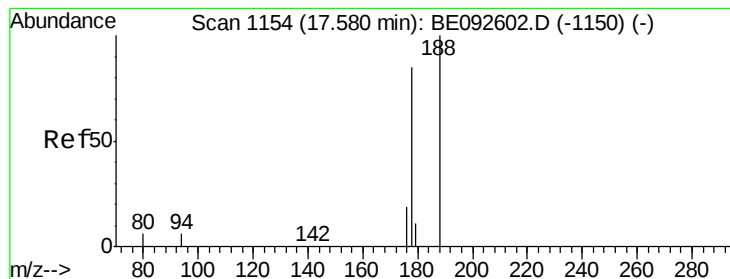
#20
Pentachlorophenol
Concen: 0.20 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092624.D
Acq: 27 Dec 2016 15:59

Tgt Ion: 266 Resp: 54
Ion Ratio Lower Upper
266 100
268 94.4 62.5 93.7#
264 92.6 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: 0.11 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.14 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

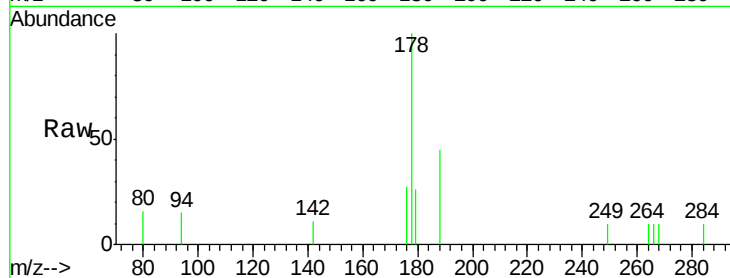
Tgt Ion:178 Resp: 1370

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

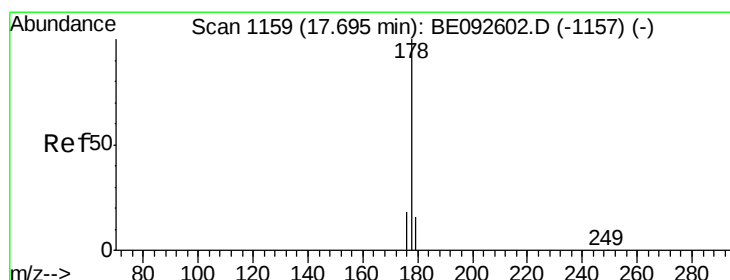
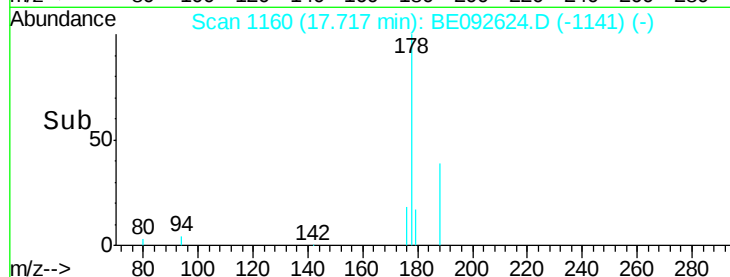
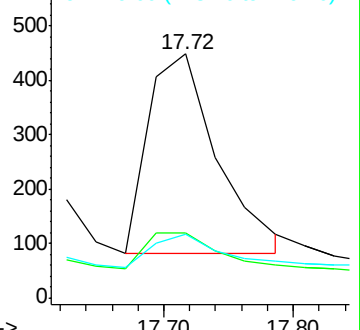
179 16.1 16.0 24.0



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: 0.15 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

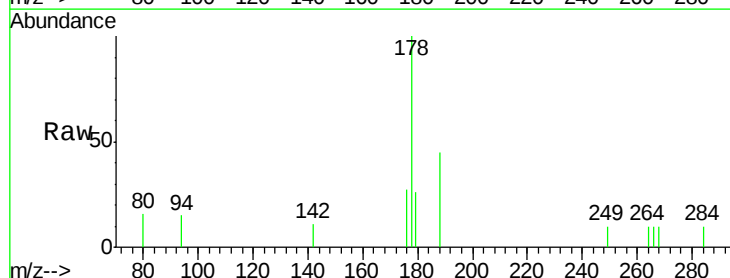
Tgt Ion:178 Resp: 1649

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

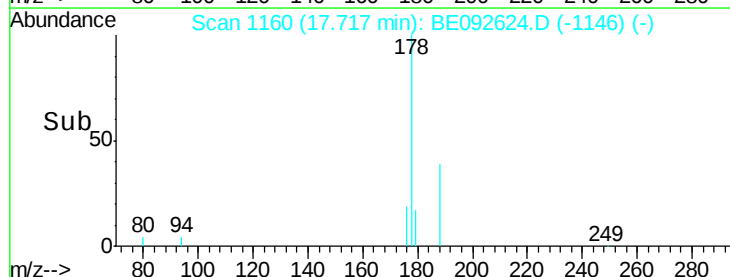
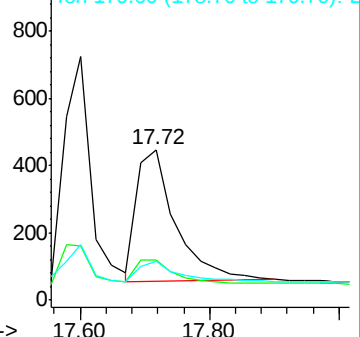
179 16.6 12.2 18.2

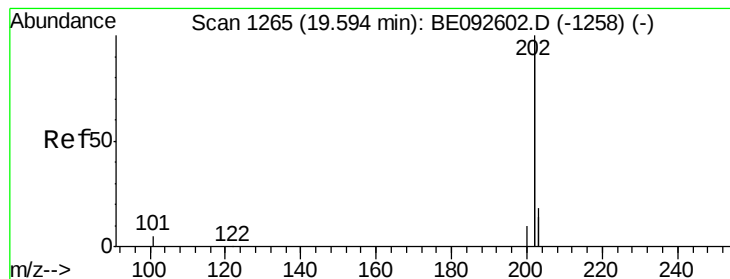


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.14 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

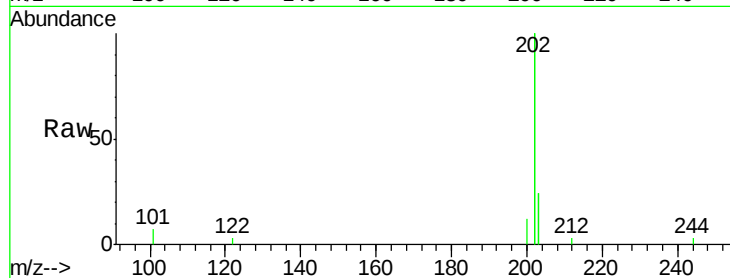
Tgt Ion:202 Resp: 7159

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

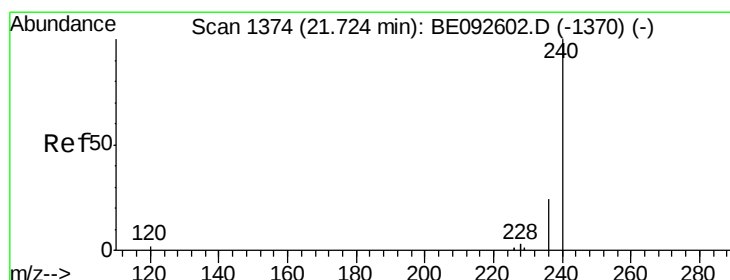
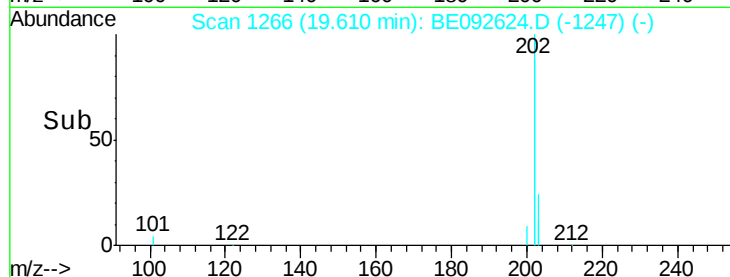
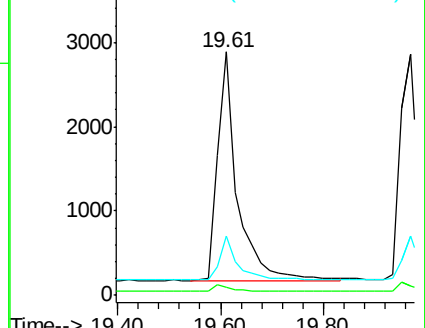
203 17.3 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

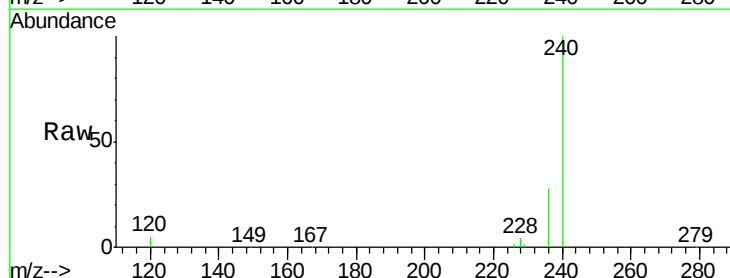
Tgt Ion:240 Resp: 51585

Ion Ratio Lower Upper

240 100

120 4.7 2.6 4.0#

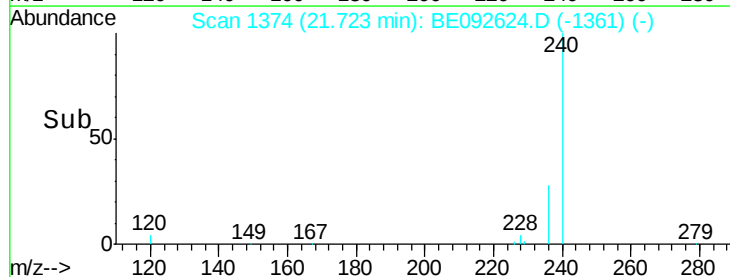
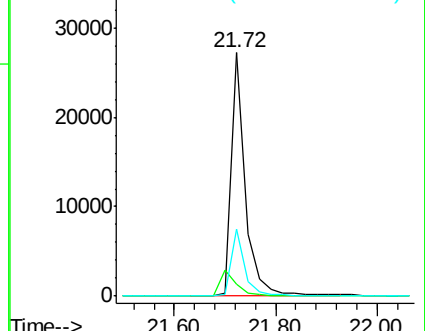
236 27.6 24.6 37.0

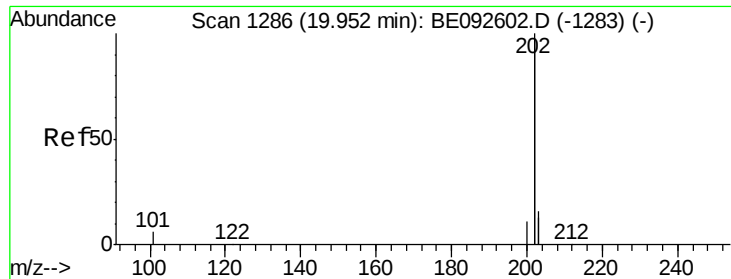


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

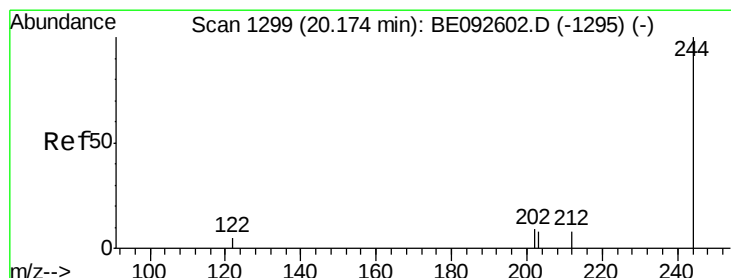
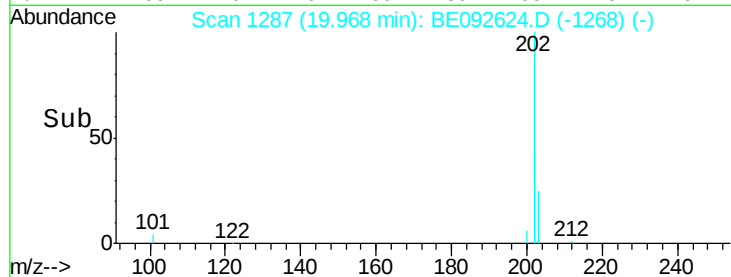
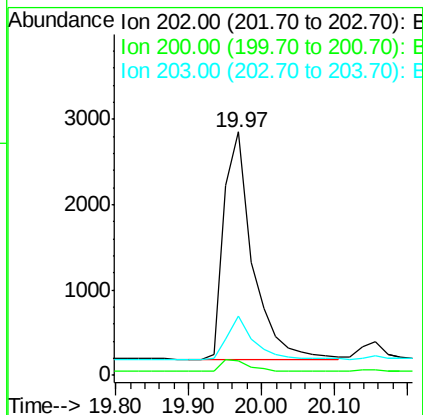
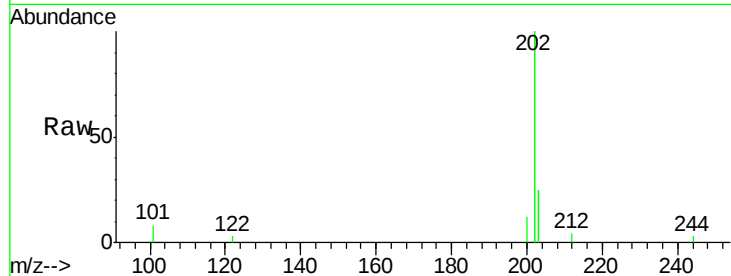




#25
 Pyrene
 Concen: 0.16 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.02 min
 Lab File: BE092624.D
 Acq: 27 Dec 2016 15:59

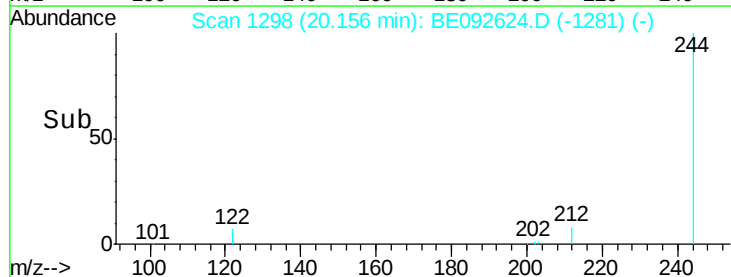
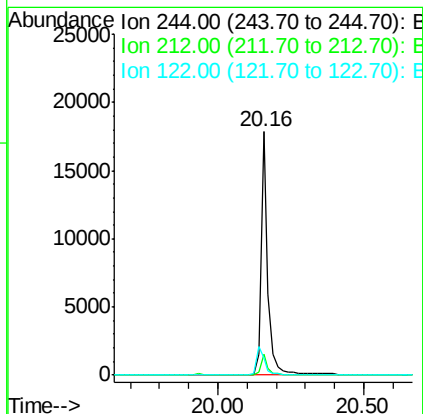
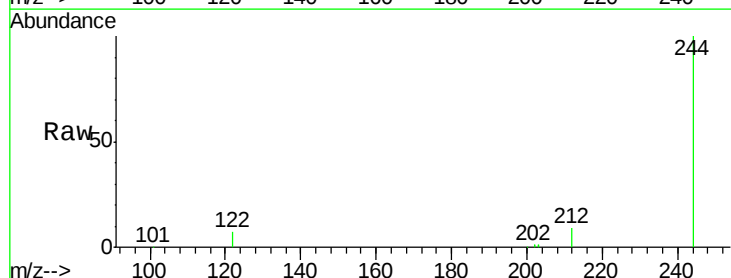
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

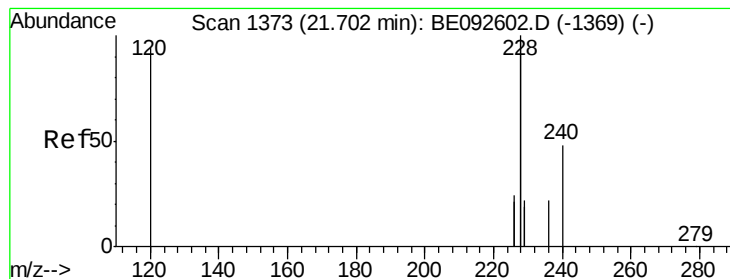
Tgt Ion: 202 Resp: 7232
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.9 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.60 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092624.D
 Acq: 27 Dec 2016 15:59

Tgt Ion: 244 Resp: 29105
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 7.0 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.34 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.04 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

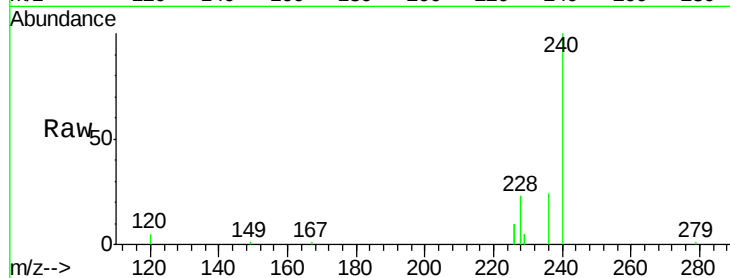
Tgt Ion:228 Resp: 15883

Ion Ratio Lower Upper

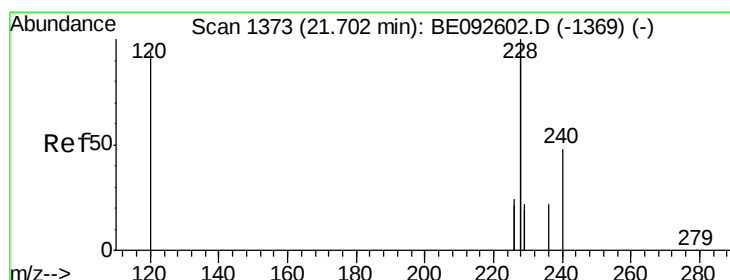
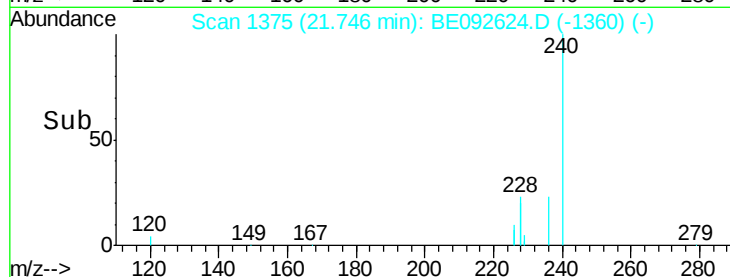
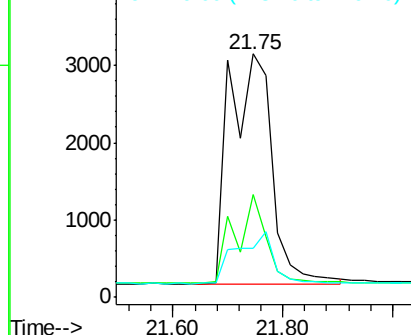
228 100

226 42.0 23.6 35.4#

229 20.0 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: 0.30 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

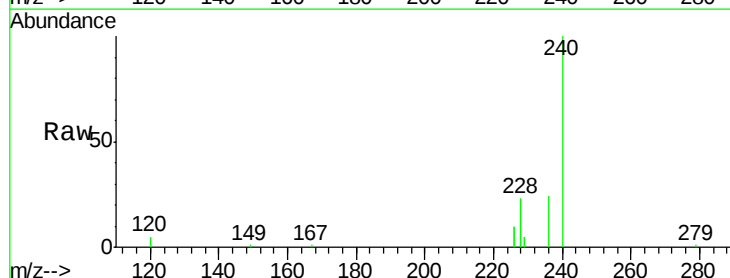
Tgt Ion:228 Resp: 15991

Ion Ratio Lower Upper

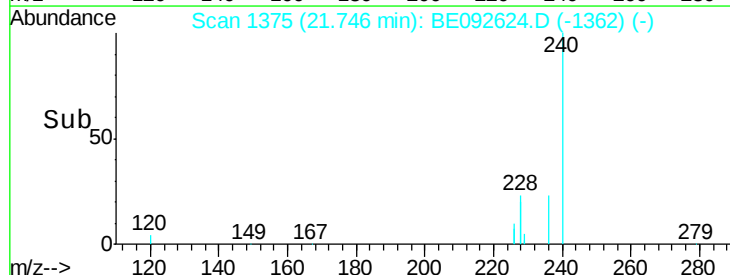
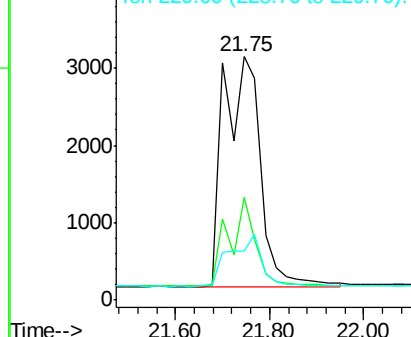
228 100

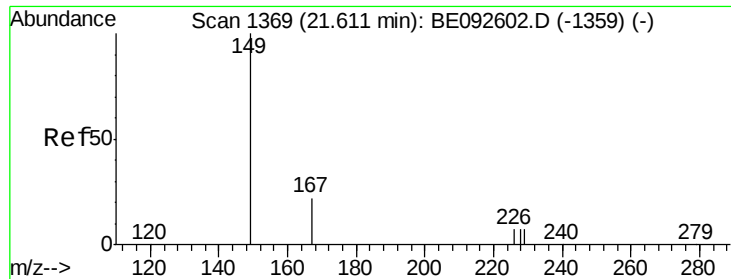
226 42.0 36.3 54.5

229 20.0 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: 0.17 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

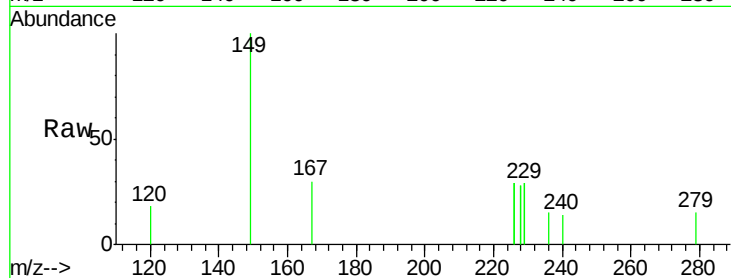
Tgt Ion:149 Resp: 523

Ion Ratio Lower Upper

149 100

167 20.3 16.0 24.0

279 0.0 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

21.61

300

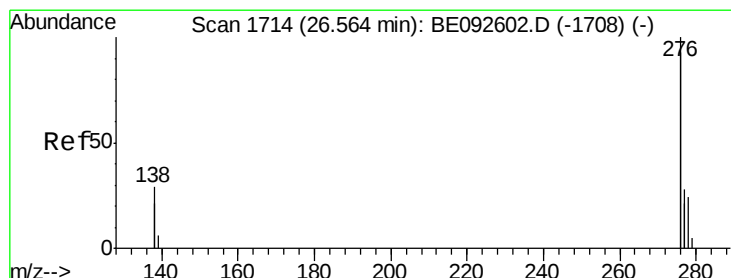
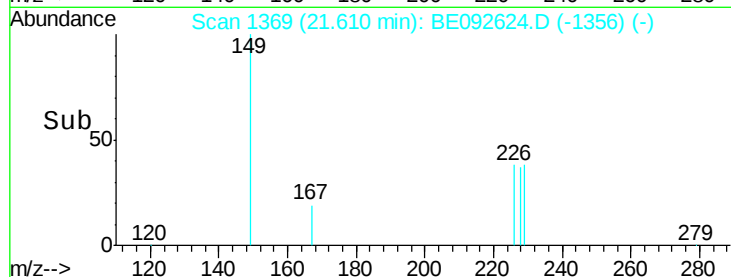
200

100

0

21.40 21.60

Time-->



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

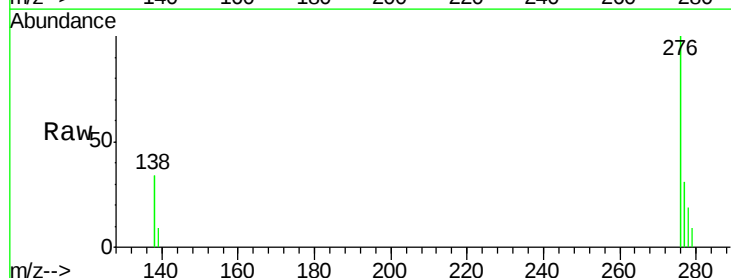
Tgt Ion:276 Resp: 8889

Ion Ratio Lower Upper

276 100

138 26.6 20.3 30.5

277 24.4 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

26.58

2000

1500

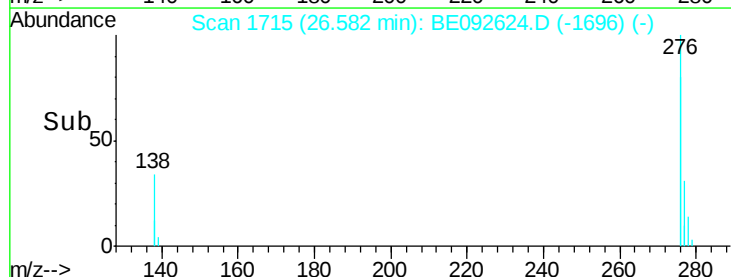
1000

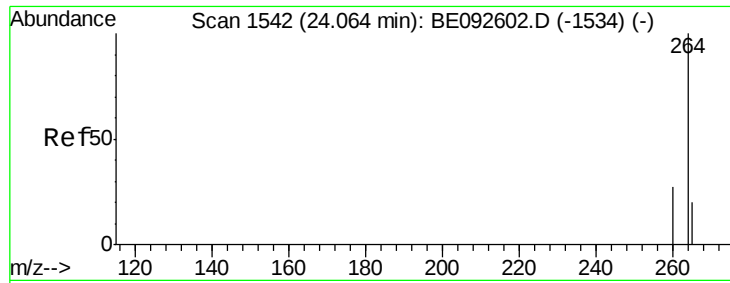
500

0

26.20 26.40 26.60 26.80

Time-->





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

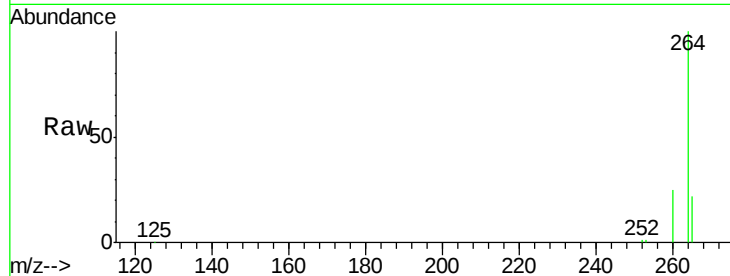
Tgt Ion:264 Resp: 48714

Ion Ratio Lower Upper

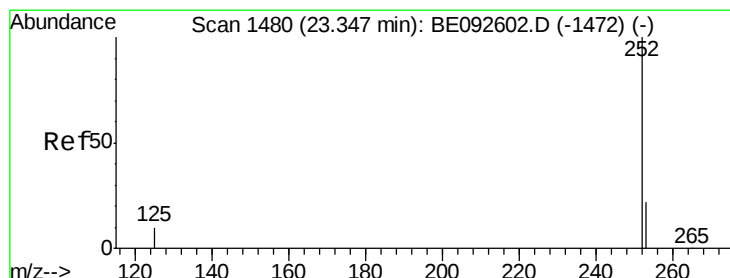
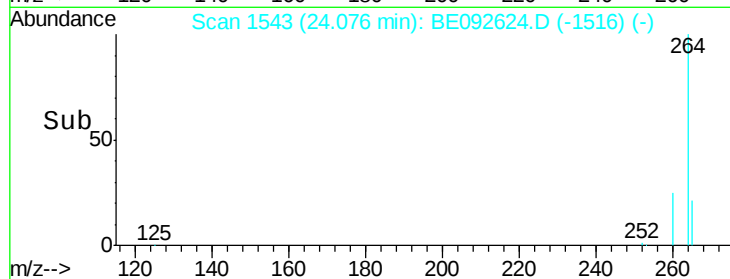
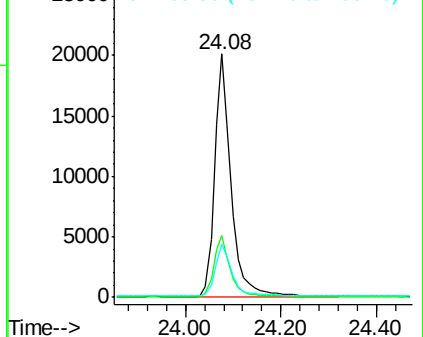
264 100

260 25.2 20.1 30.1

265 21.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 0.16 ng

RT: 23.36 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

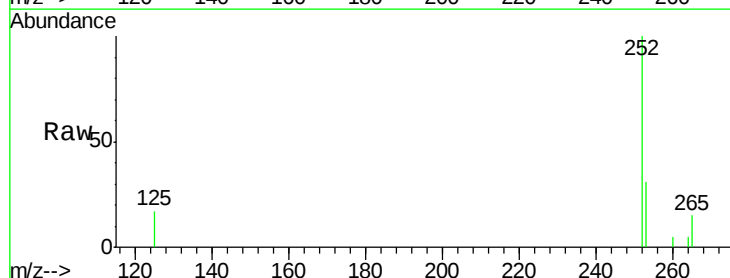
Tgt Ion:252 Resp: 1785

Ion Ratio Lower Upper

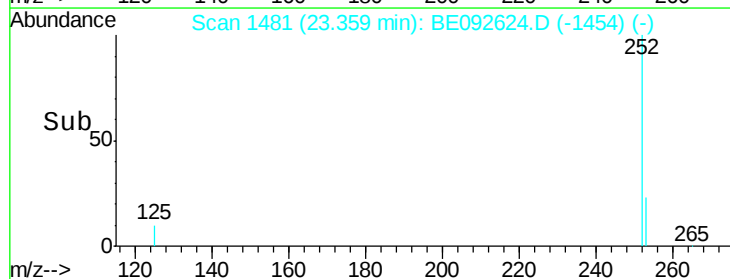
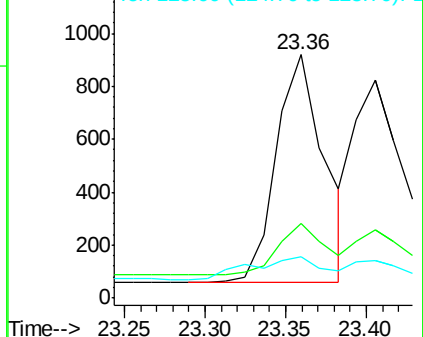
252 100

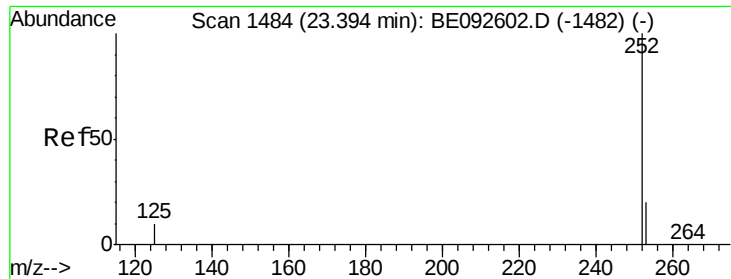
253 30.7 18.7 28.1#

125 16.7 10.5 15.7#



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





#33

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.41 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

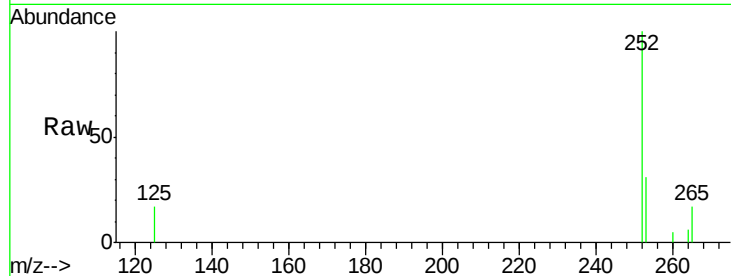
Tgt Ion:252 Resp: 2080

Ion Ratio Lower Upper

252 100

253 31.4 20.3 30.5#

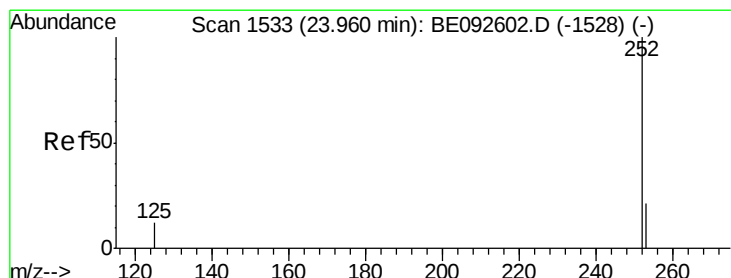
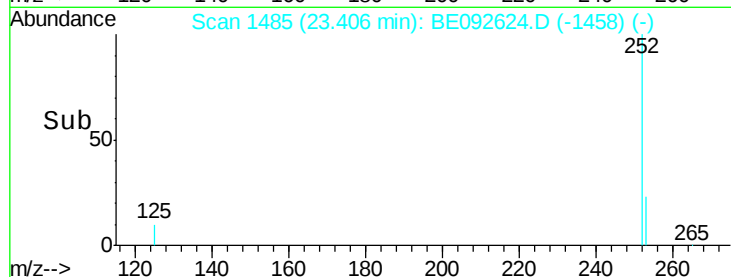
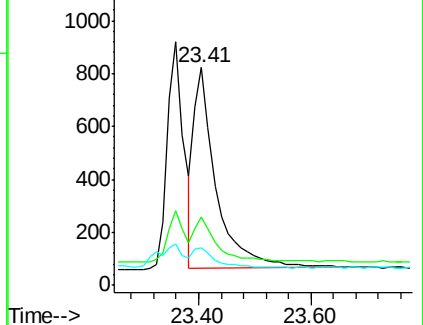
125 17.4 9.6 14.4#



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: 23.97 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

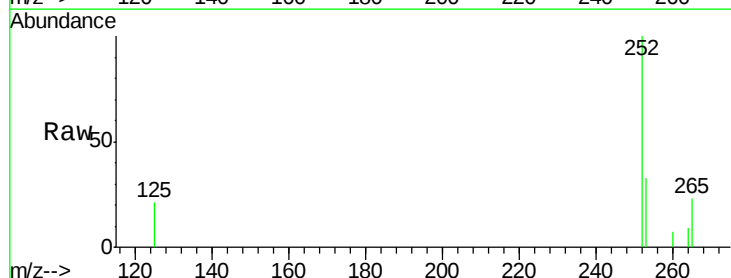
Tgt Ion:252 Resp: 1720

Ion Ratio Lower Upper

252 100

253 32.9 19.0 28.6#

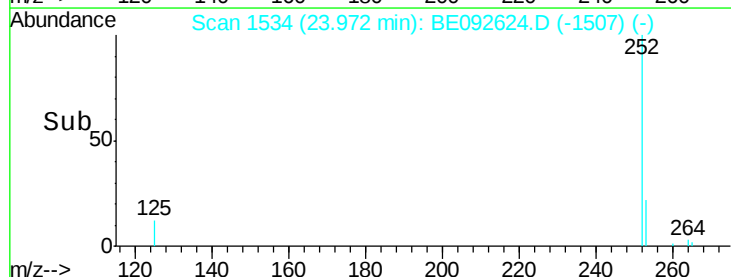
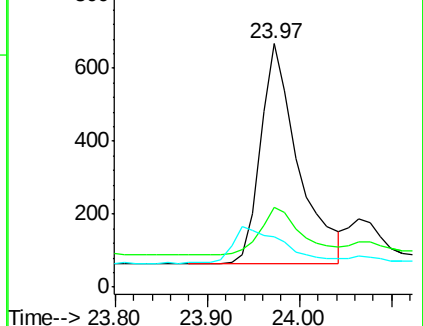
125 20.8 11.8 17.8#

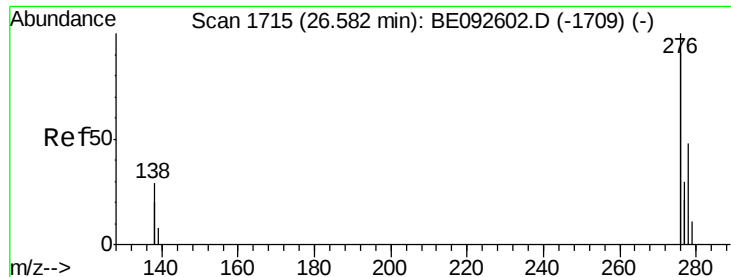


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.62 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT1-2017

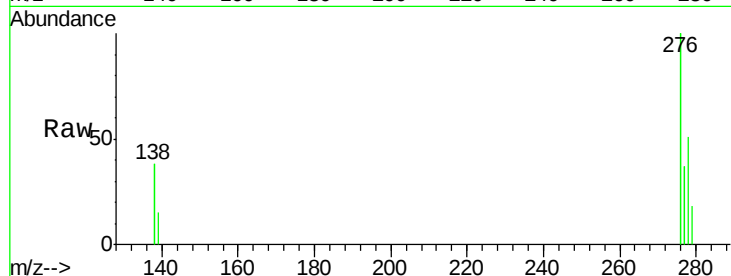
Tgt Ion: 278 Resp: 1774

Ion Ratio Lower Upper

278 100

139 30.1 13.8 20.8#

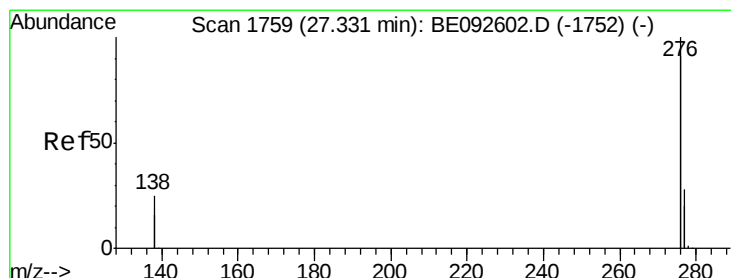
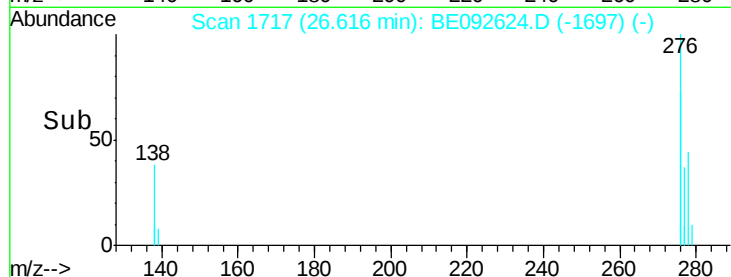
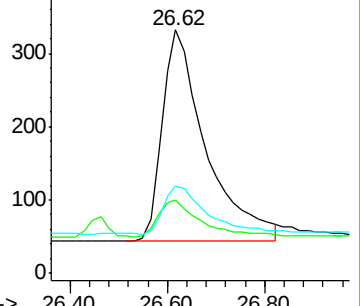
279 36.1 21.4 32.2#



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



#36

Benzo(g,h,i)perylene

Concen: 0.19 ng

RT: 27.35 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BE092624.D

Acq: 27 Dec 2016 15:59

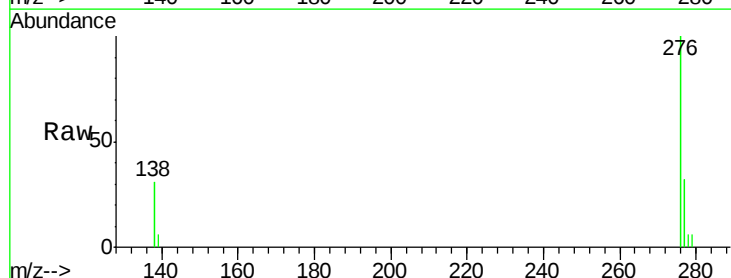
Tgt Ion: 276 Resp: 8154

Ion Ratio Lower Upper

276 100

277 31.6 19.8 29.8#

138 30.6 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

