

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\
 Data File : BE092872.D
 Acq On : 30 Mar 2017 12:40
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 0.1 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Quant Time: Mar 31 01:31:58 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	6779	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	30556	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	14835	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	32352	5.00	ng	0.00
24) Chrysene-d12	21.28	240	38852	5.00	ng	-0.02
31) Perylene-d12	23.70	264	32485	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	19924	12.62	ng	0.00
5) Phenol-d6	6.94	99	29131	12.58	ng	0.00
8) Nitrobenzene-d5	8.93	82	11249	6.41	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3113	13.43	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	35116	7.18	ng	-0.01
26) Terphenyl-d14	19.74	244	40316	6.00	ng	-0.02

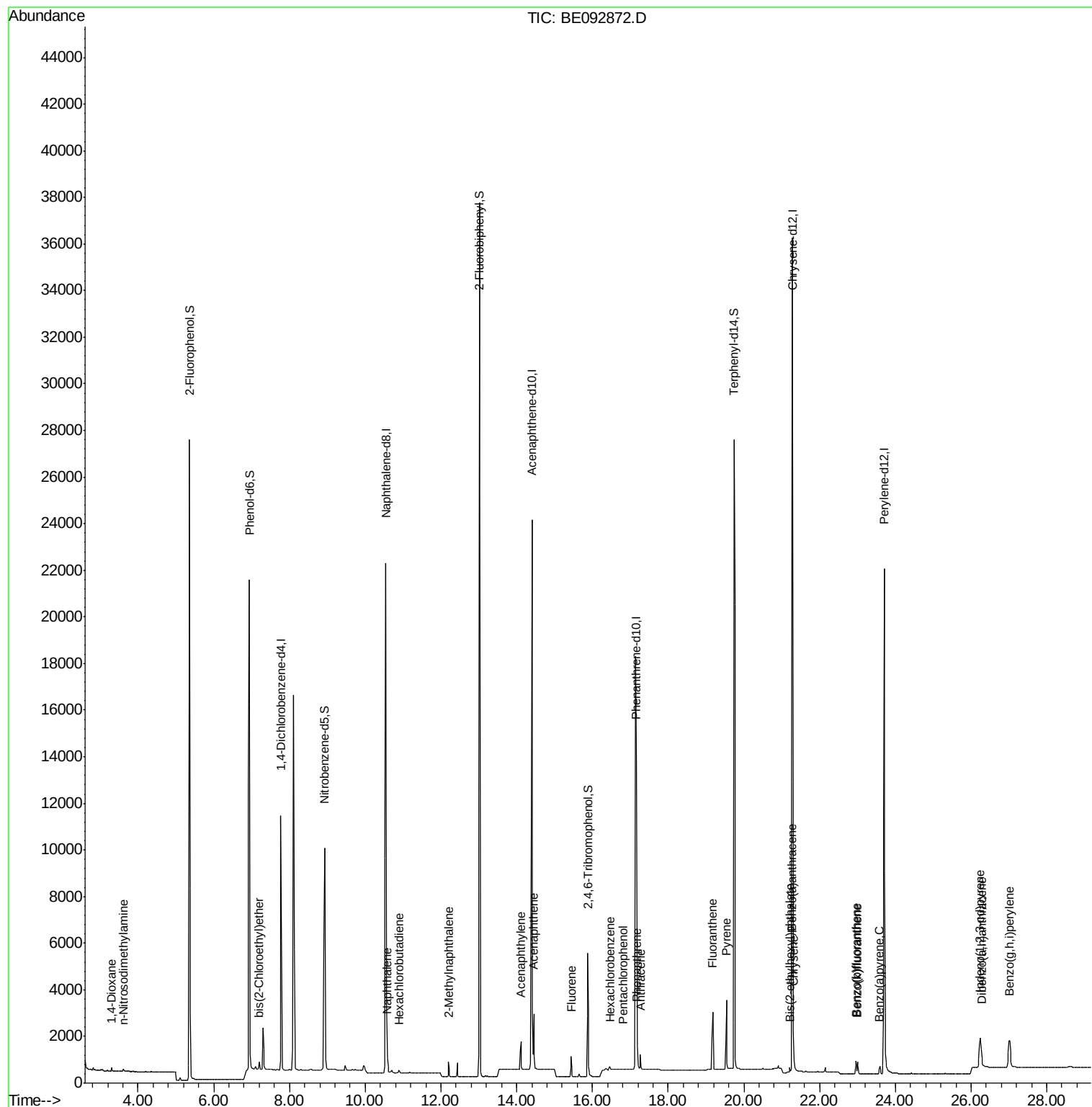
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	122	0.13	ng	# 84
3) n-Nitrosodimethylamine	3.61	42	97	0.10	ng	# 85
6) bis(2-Chloroethyl)ether	7.20	93	236	0.11	ng	# 46
9) Naphthalene	10.58	128	811	0.12	ng	# 85
10) Hexachlorobutadiene	10.89	225	92	0.10	ng	94
11) 2-Methylnaphthalene	12.21	142	432	0.10	ng	98
15) Acenaphthylene	14.11	152	1964	0.09	ng	100
16) Acenaphthene	14.45	154	426	0.11	ng	91
17) Fluorene	15.44	166	500	0.10	ng	99
19) Hexachlorobenzene	16.46	284	144	0.12	ng	# 67
20) Pentachlorophenol	16.81	266	39	0.33	ng	# 81
21) Phenanthrene	17.18	178	988	0.13	ng	96
22) Anthracene	17.27	178	757	0.11	ng	99
23) Fluoranthene	19.18	202	3439	0.09	ng	100
25) Pyrene	19.54	202	3666	0.09	ng	99
27) Benzo(a)anthracene	21.26	228	1033	0.11	ng	# 90
28) Chrysene	21.31	228	1030	0.11	ng	# 81
29) Bis(2-ethylhexyl)phthalate	21.21	149	229	0.07	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.24	276	2963	0.08	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	799	0.09	ng	# 80
33) Benzo(k)fluoranthene	23.01	252	727	0.09	ng	# 80
34) Benzo(a)pyrene	23.58	252	570	0.08	ng	# 65
35) Dibenzo(a,h)anthracene	26.27	278	626	0.08	ng	# 70
36) Benzo(g,h,i)perylene	27.02	276	2850	0.09	ng	# 70

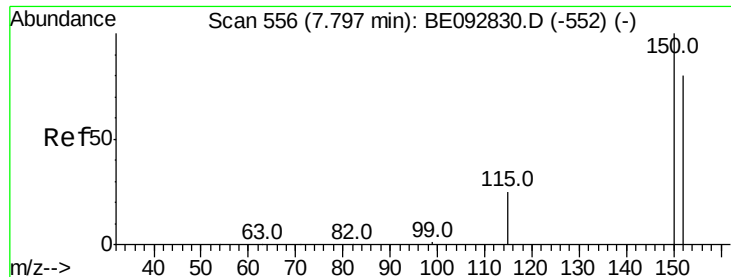
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

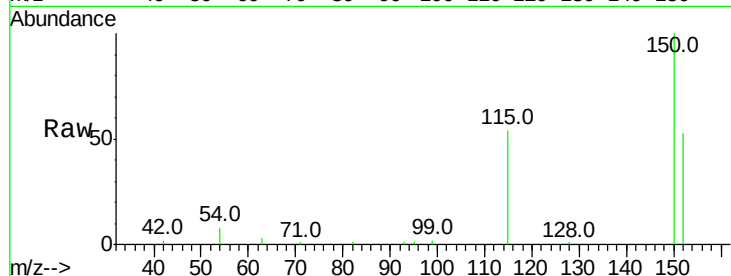
Tot Ion:152 Resp: 6779

Ion Ratio Lower Upper

152 100

150 189.2 106.0 159.0#

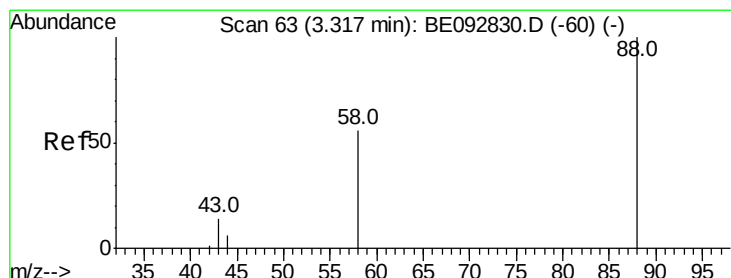
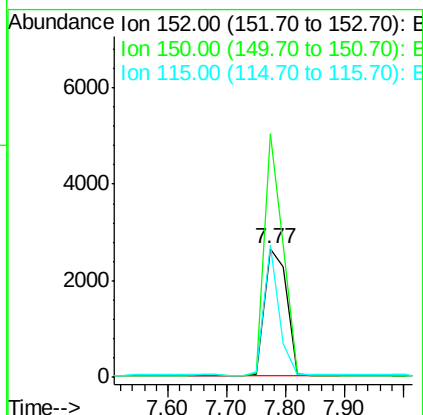
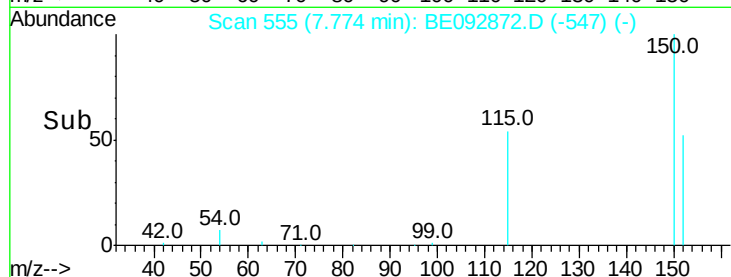
115 102.7 31.2 46.8#



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: 0.13 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

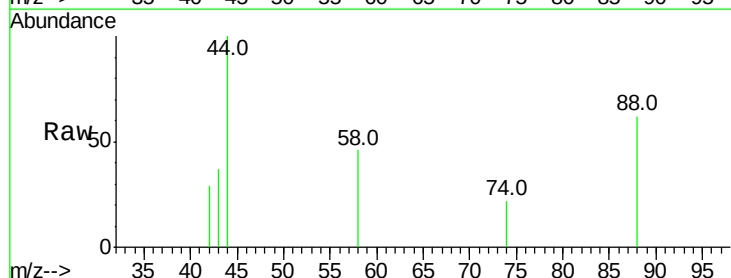
Tgt Ion: 88 Resp: 122

Ion Ratio Lower Upper

88 100

58 61.5 63.6 95.4#

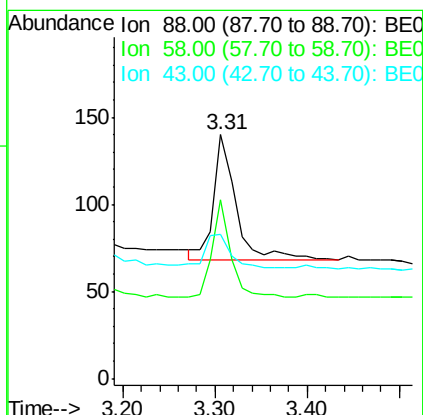
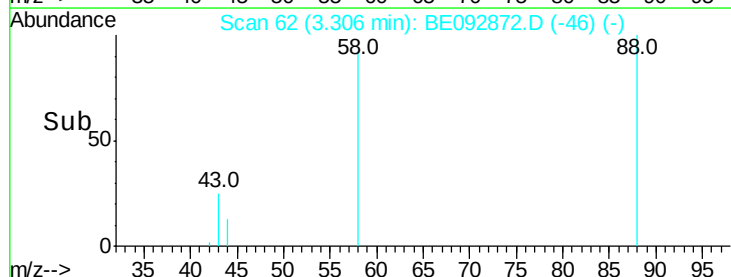
43 31.1 28.0 42.0

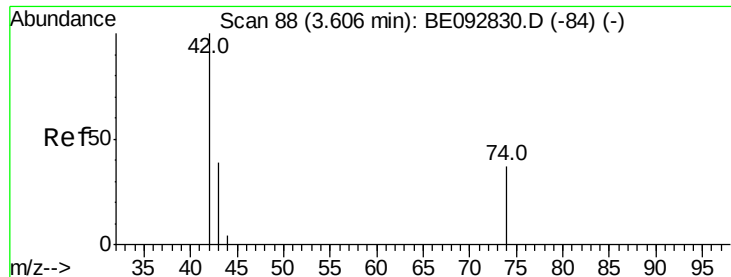


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

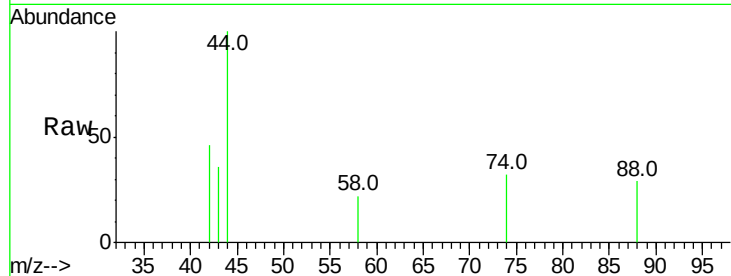
Tot Ion: 42 Resp: 97

Ion Ratio Lower Upper

42 100

74 123.7 86.0 129.0

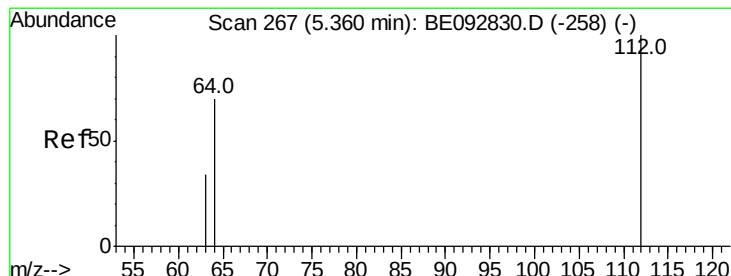
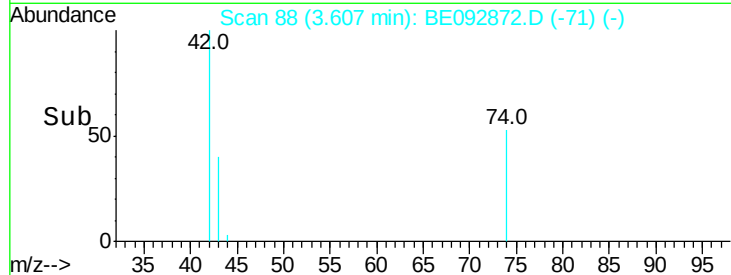
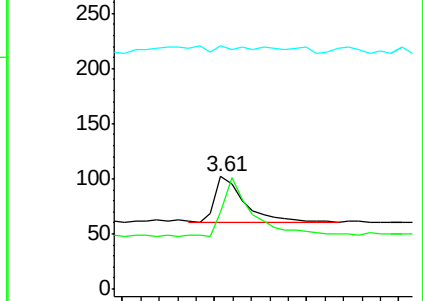
44 10.3 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 12.62 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

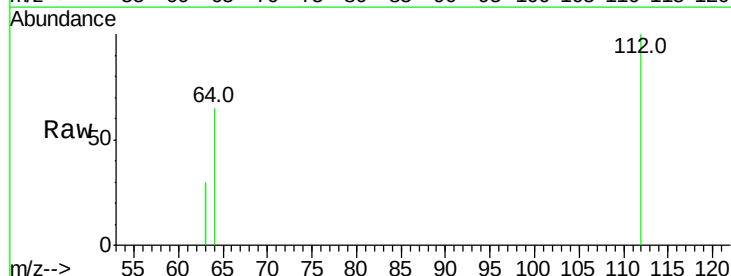
Tgt Ion: 112 Resp: 19924

Ion Ratio Lower Upper

112 100

64 69.7 53.5 80.3

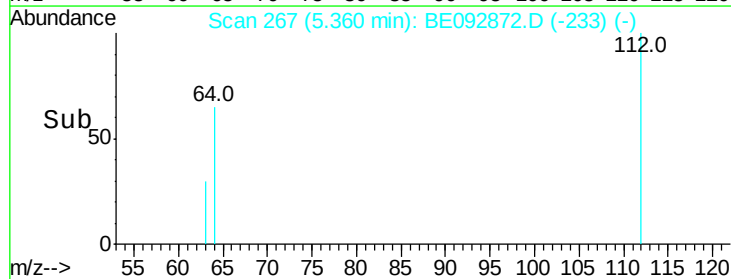
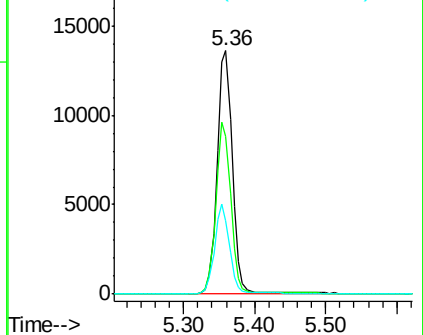
63 35.7 27.9 41.9

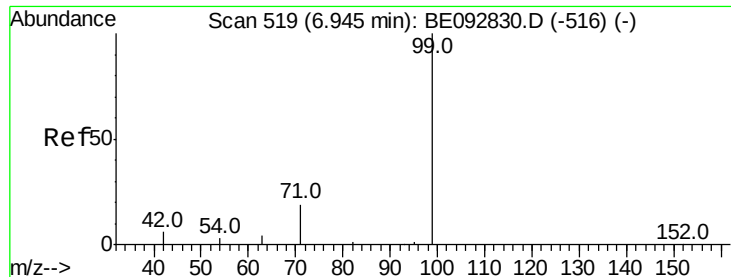


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 12.58 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

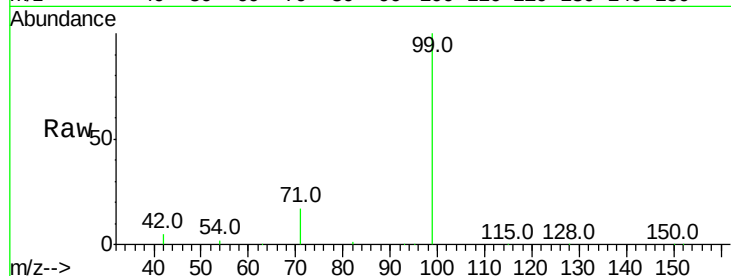
Tot Ion: 99 Resp: 29131

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

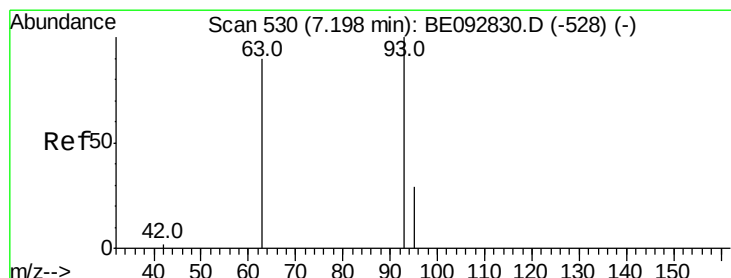
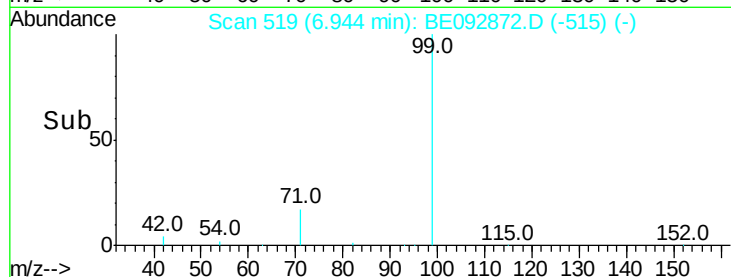
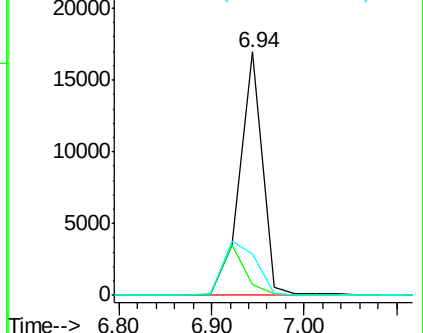
71 0.0 30.6 45.8#



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: 0.11 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

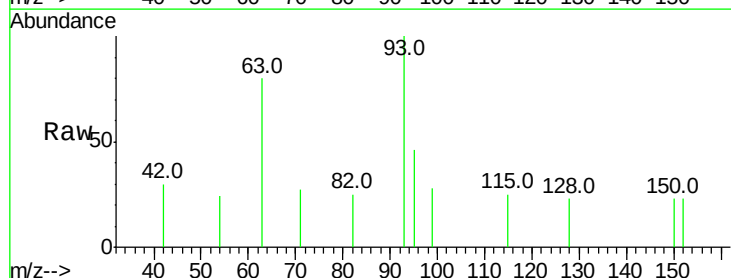
Tgt Ion: 93 Resp: 236

Ion Ratio Lower Upper

93 100

63 79.2 16.0 24.0#

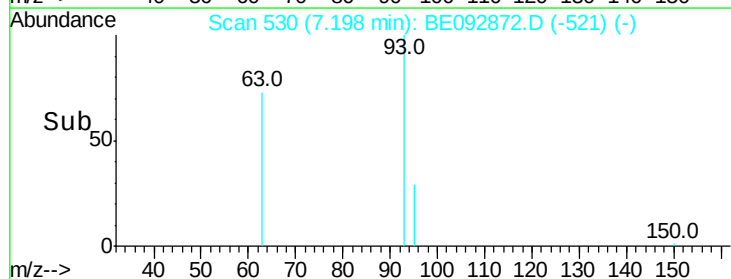
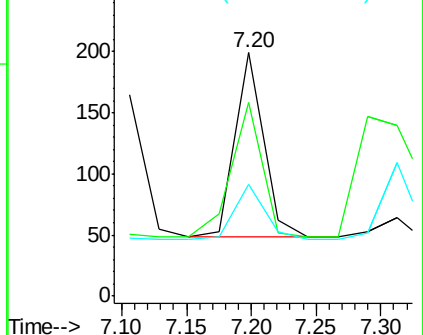
95 31.8 24.0 36.0

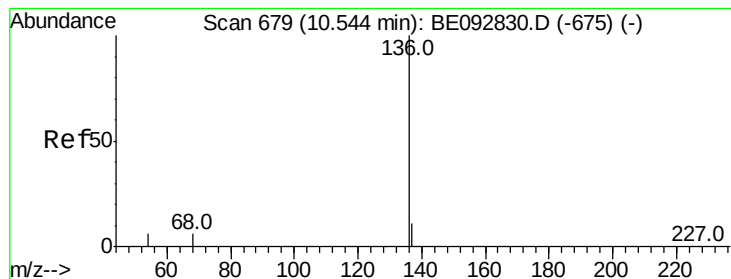


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

Tot Ion:136 Resp: 30556

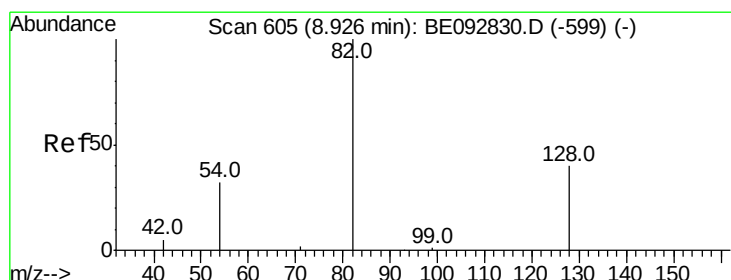
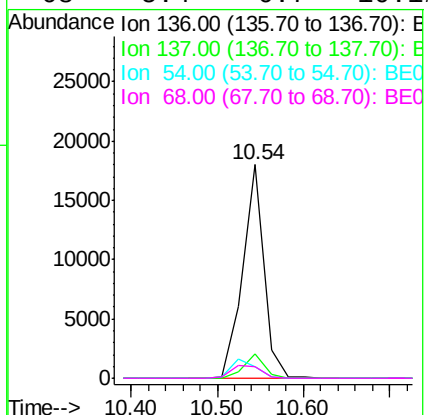
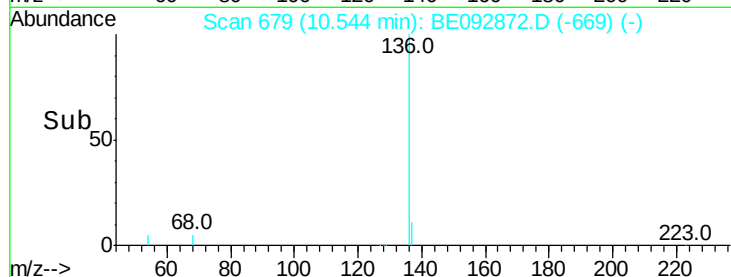
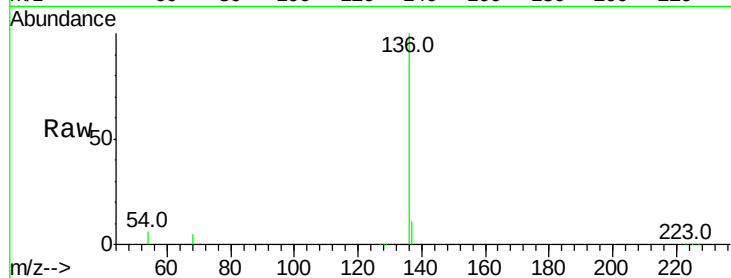
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 5.6 9.6 14.4#

68 5.4 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 6.41 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

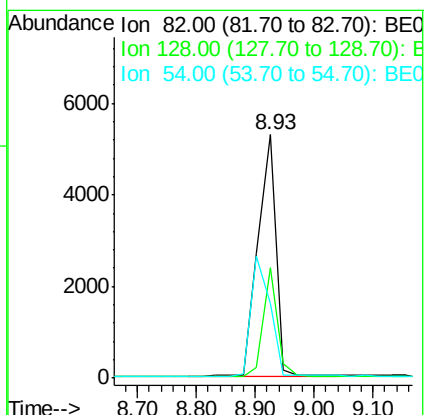
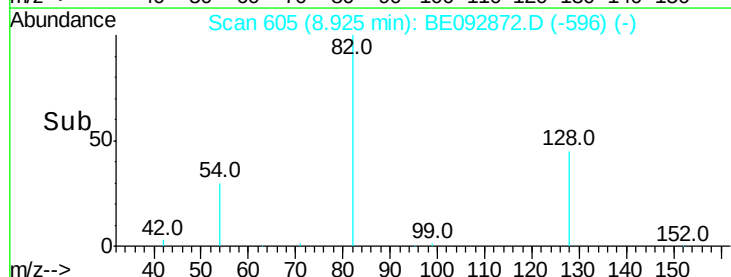
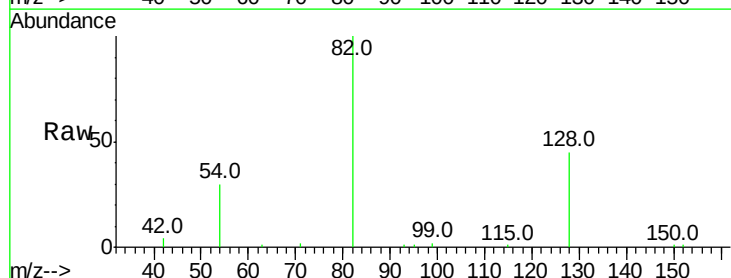
Tgt Ion: 82 Resp: 11249

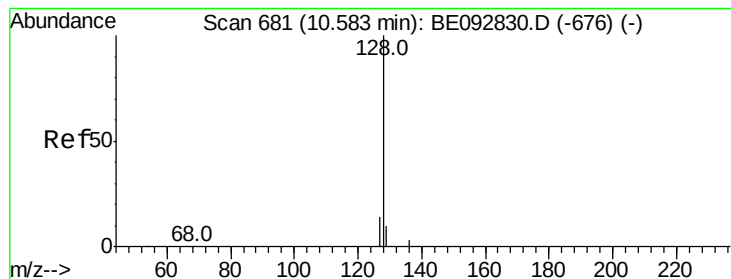
Ion Ratio Lower Upper

82 100

128 45.3 39.0 58.4

54 30.4 44.8 67.2#





#9

Naphthalene

Concen: 0.12 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

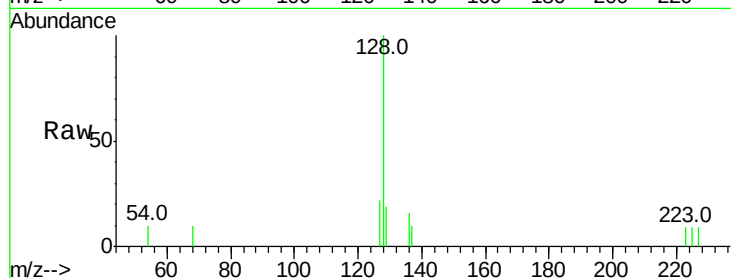
Tot Ion:128 Resp: 811

Ion Ratio Lower Upper

128 100

129 19.1 11.2 16.8#

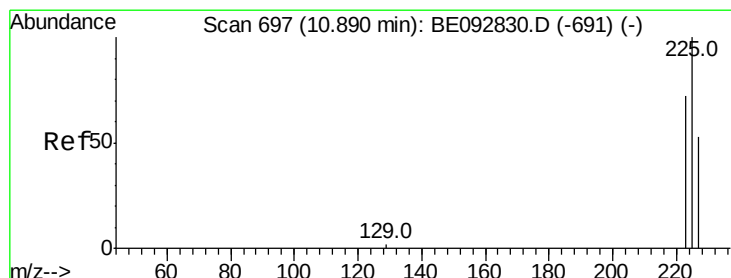
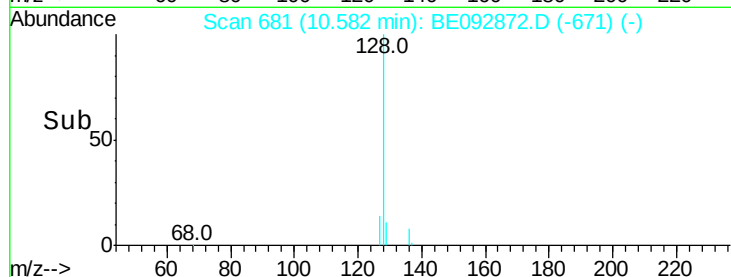
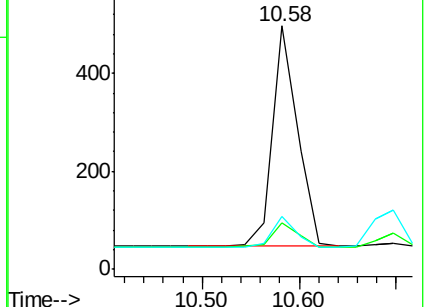
127 21.5 11.6 17.4#



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: 0.10 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

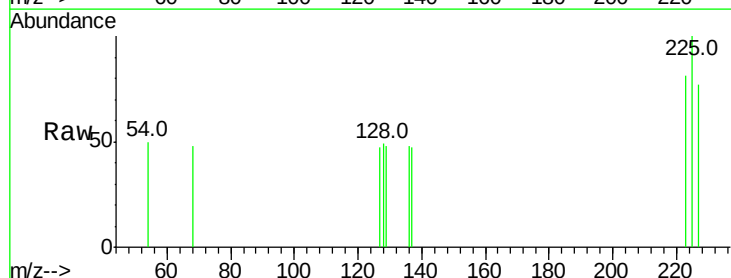
Tgt Ion:225 Resp: 92

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

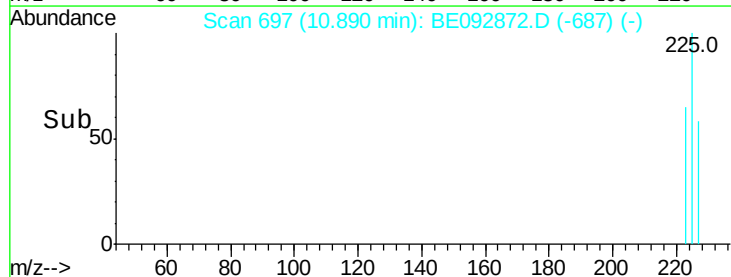
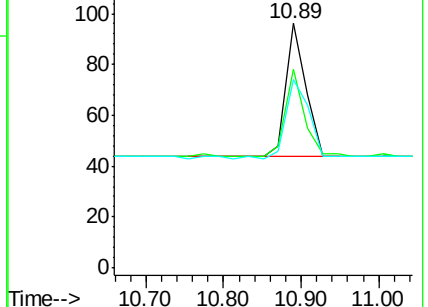
227 72.8 51.4 77.0

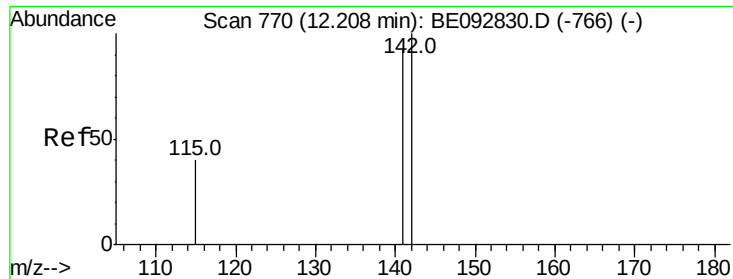


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

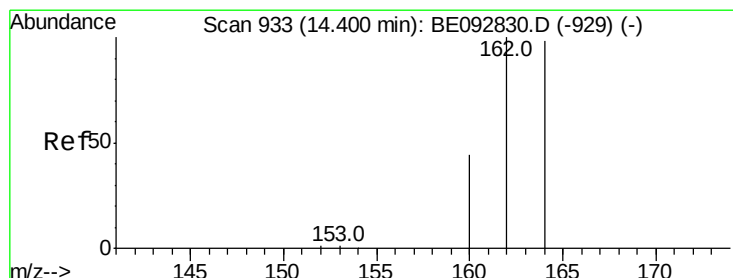
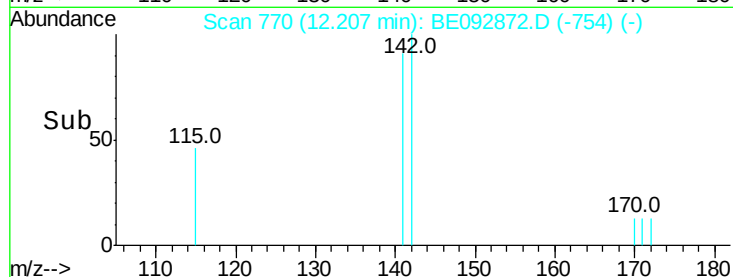
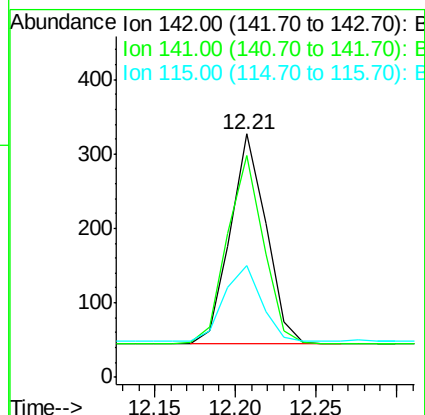
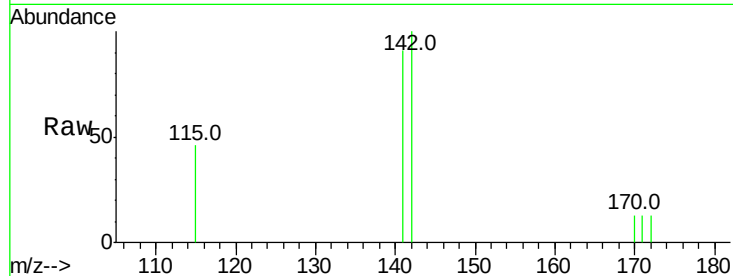




#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

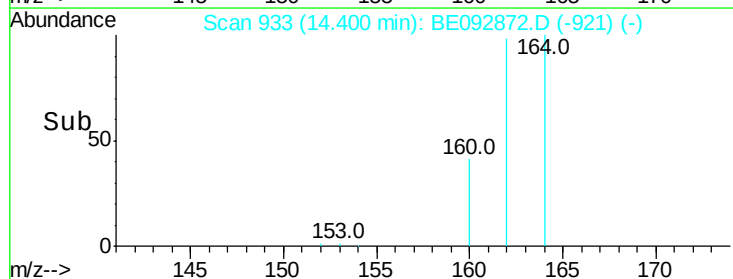
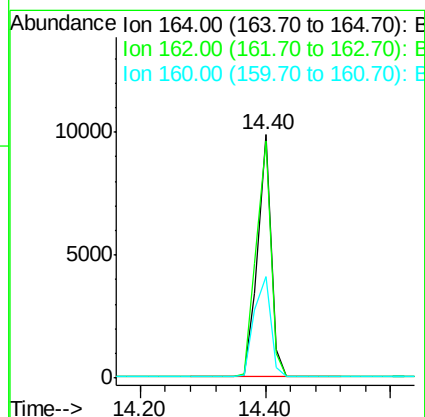
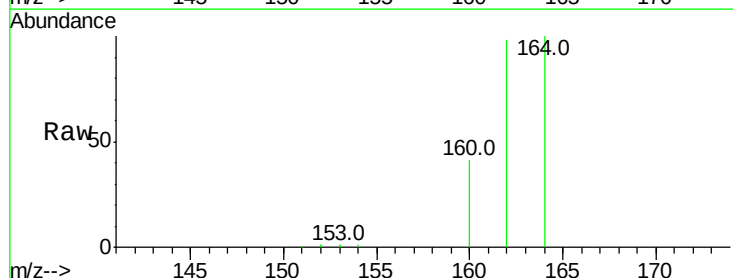
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT2-2017

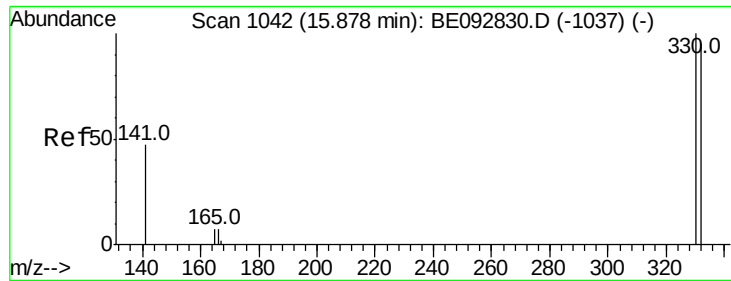
Tot Ion:142 Resp: 432
Ion Ratio Lower Upper
142 100
141 91.1 73.7 110.5
115 45.9 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Tgt Ion:164 Resp: 14835
Ion Ratio Lower Upper
164 100
162 97.6 71.4 107.0
160 41.5 27.4 41.2#

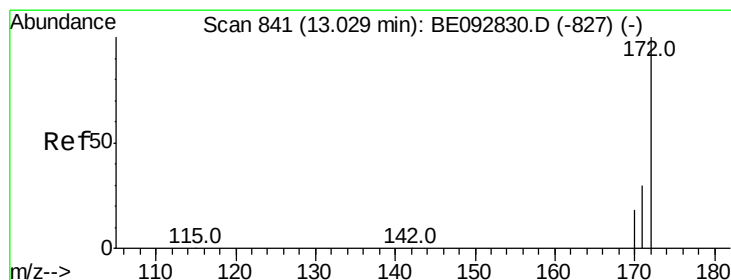
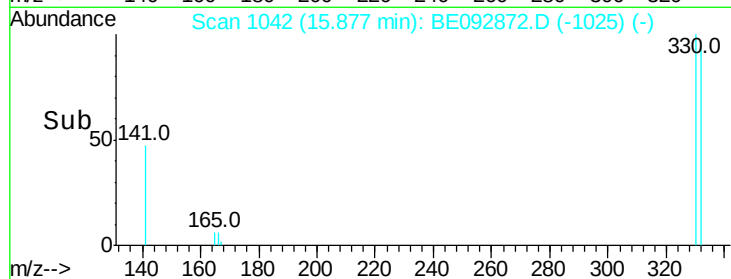
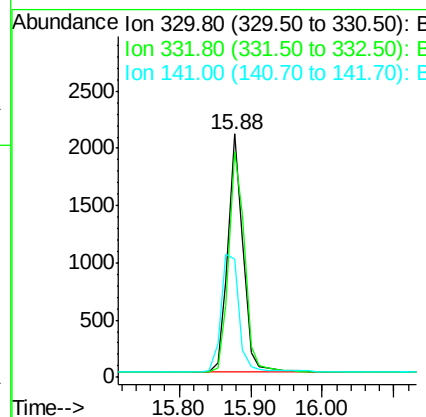
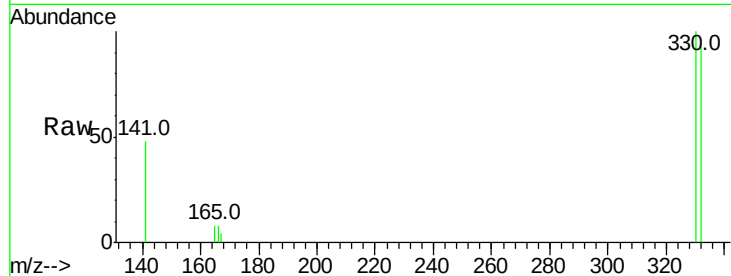




#13
 2,4,6-Tribromophenol
 Concen: 13.43 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

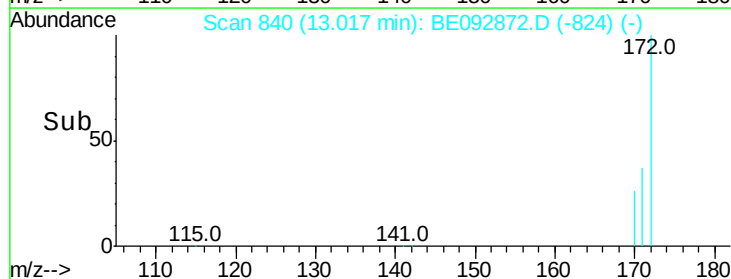
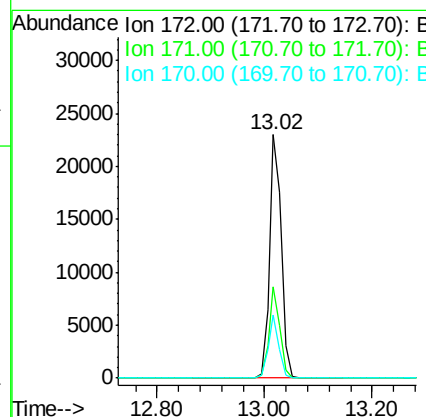
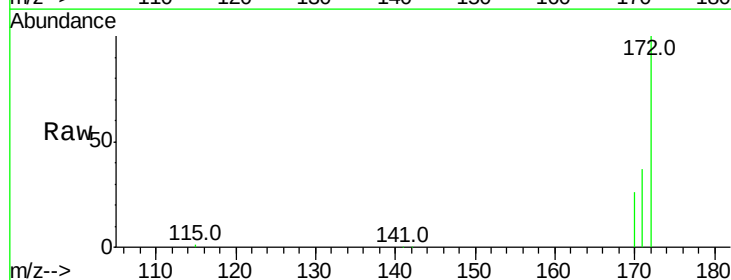
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

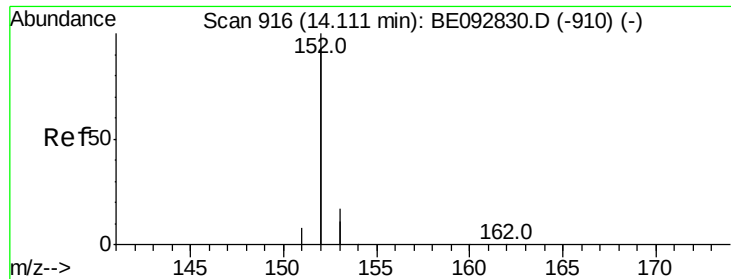
Tot Ion:330 Resp: 3113
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 57.7 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 7.18 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

Tgt Ion:172 Resp: 35116
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 25.8 21.8 32.6

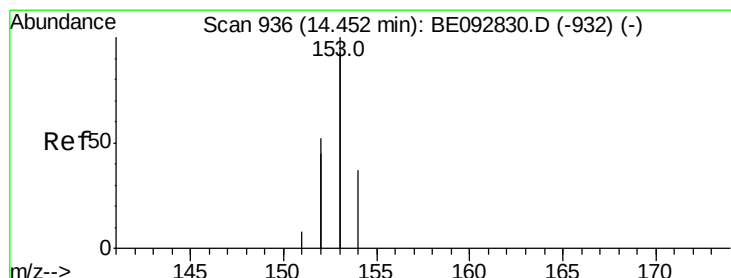
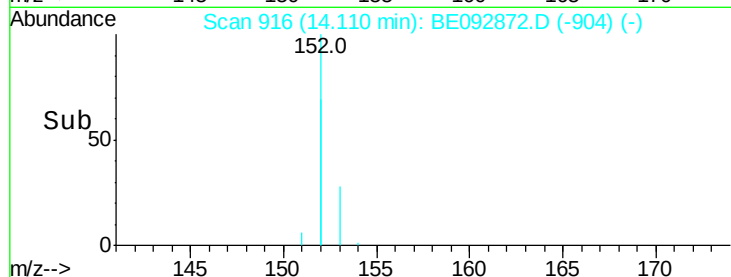
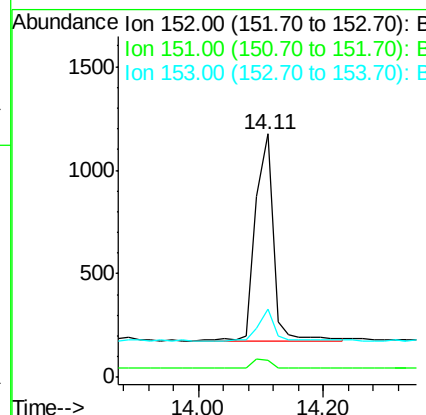
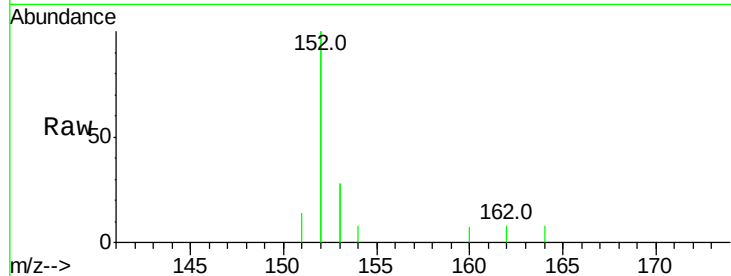




#15
Acenaphthylene
Concen: 0.09 ng
RT: 14.11 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

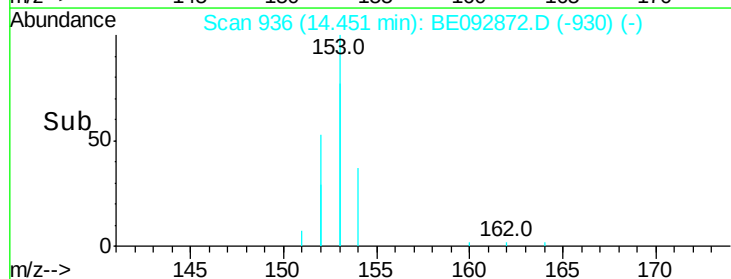
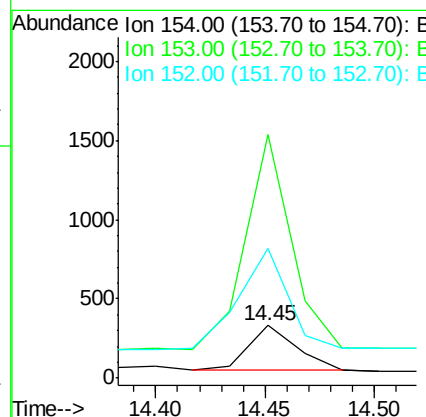
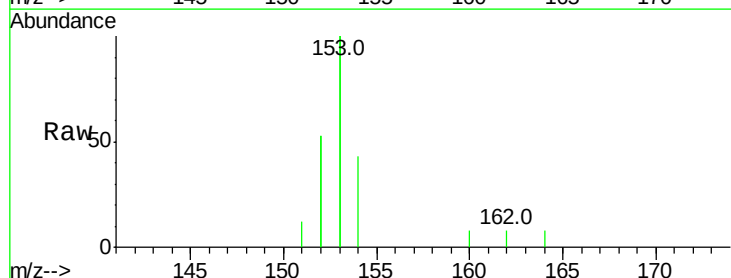
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT2-2017

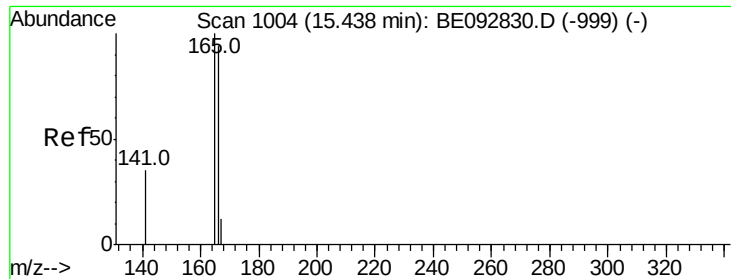
Tot Ion:152 Resp: 1964
Ion Ratio Lower Upper
152 100
151 4.7 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 0.11 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Tgt Ion:154 Resp: 426
Ion Ratio Lower Upper
154 100
153 459.6 350.8 526.2
152 228.4 171.1 256.7

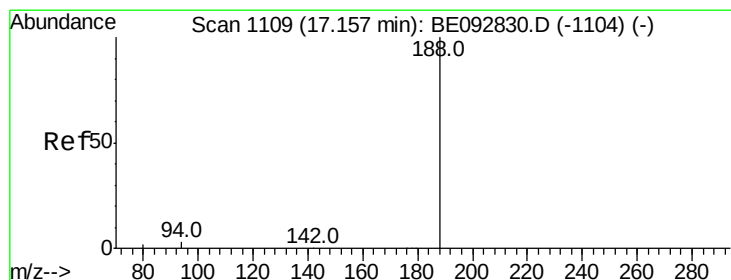
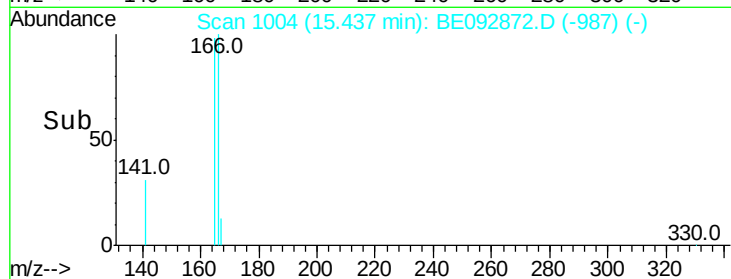
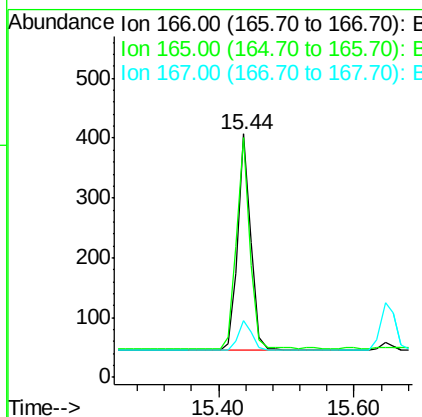
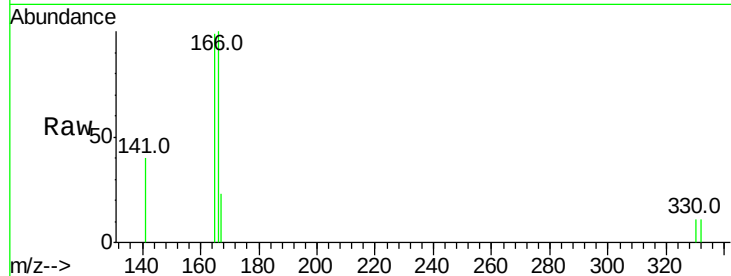




#17
 Fluorene
 Concen: 0.10 ng
 RT: 15.44 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

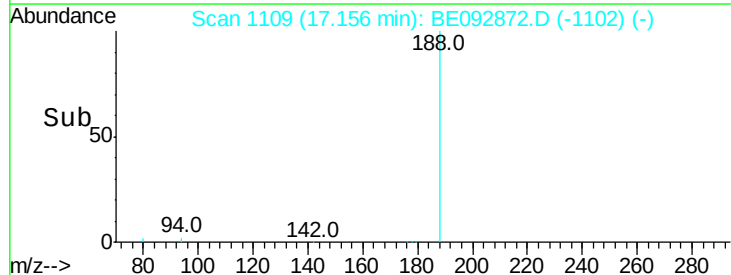
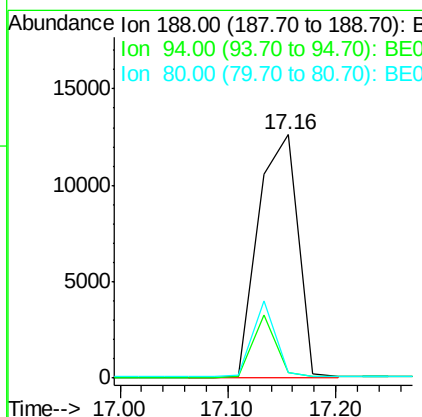
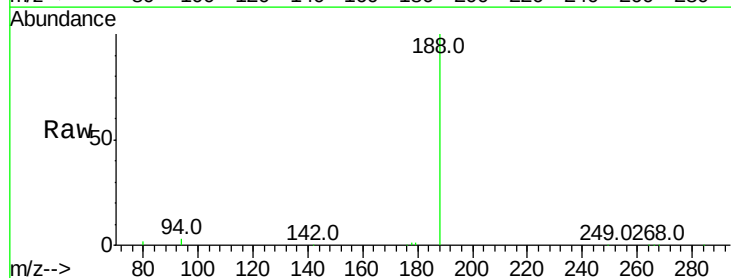
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

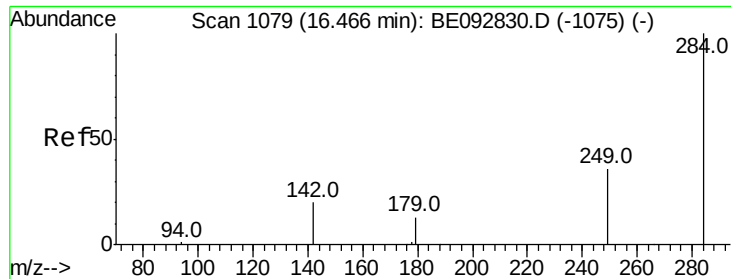
Tot Ion:166 Resp: 500
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 14.6 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.16 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

Tgt Ion:188 Resp: 32352
 Ion Ratio Lower Upper
 188 100
 94 2.5 3.2 4.8#
 80 2.0 2.6 3.8#

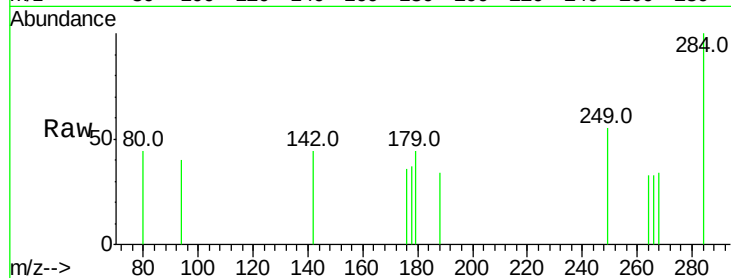




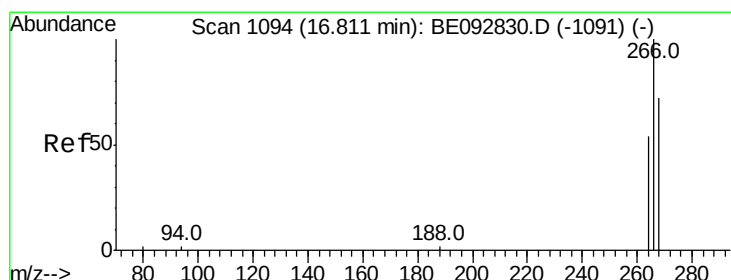
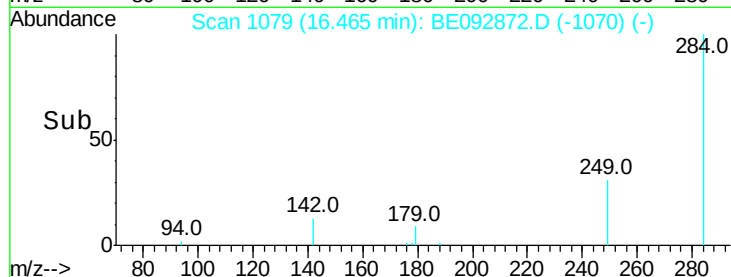
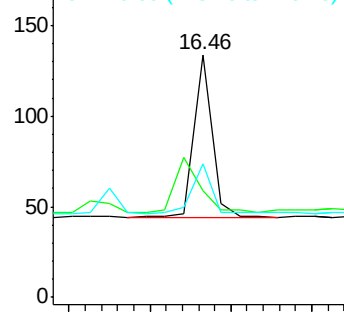
#19
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT2-2017

Tot Ion:284 Resp: 144
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 33.3 27.9 41.9

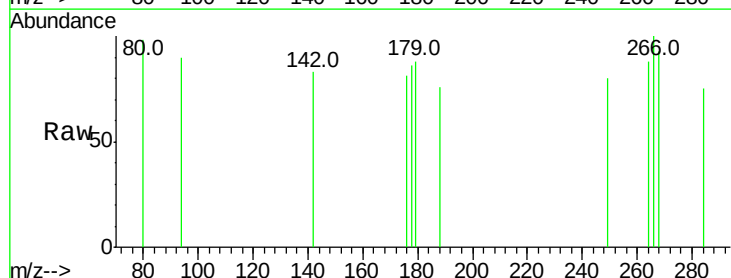


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

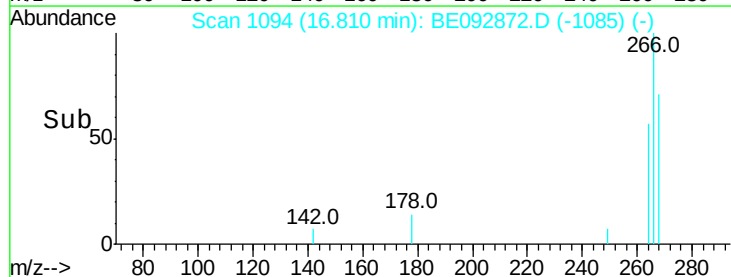
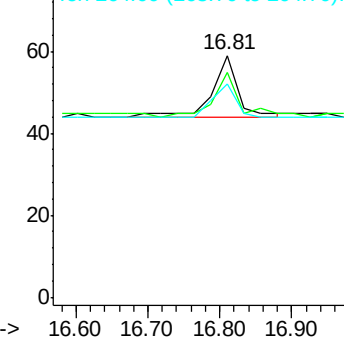


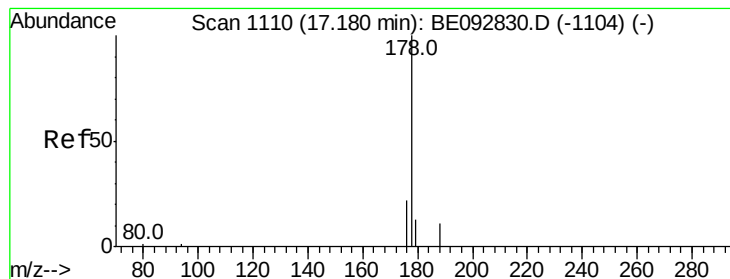
#20
Pentachlorophenol
Concen: 0.33 ng
RT: 16.81 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
268 93.2 62.5 93.7
264 88.1 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: 0.13 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

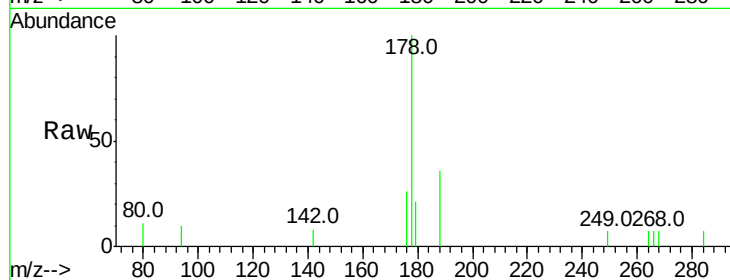
Tot Ion:178 Resp: 988

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

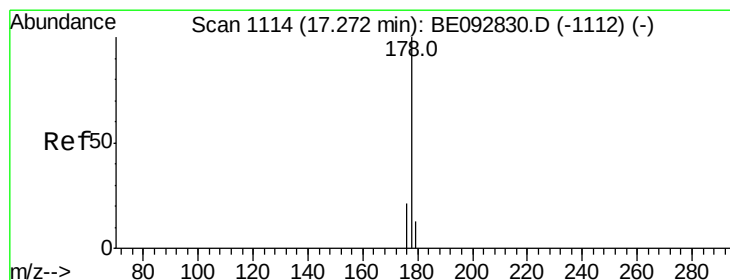
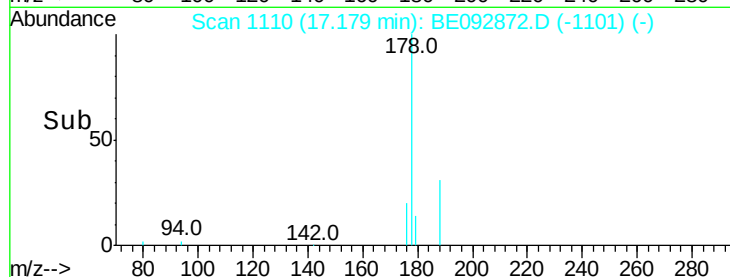
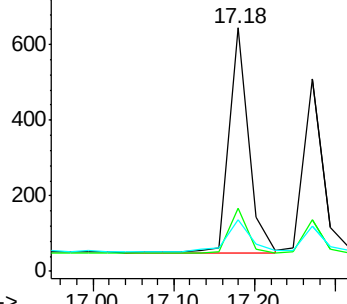
179 17.1 16.0 24.0



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: 0.11 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

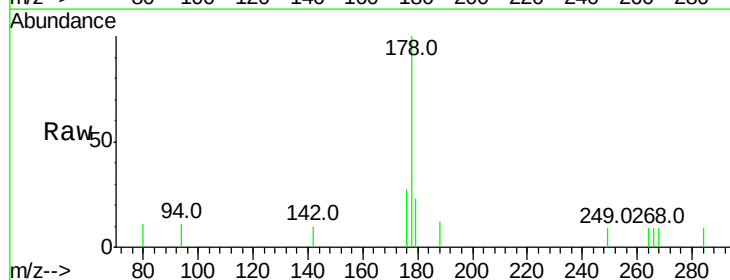
Tgt Ion:178 Resp: 757

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

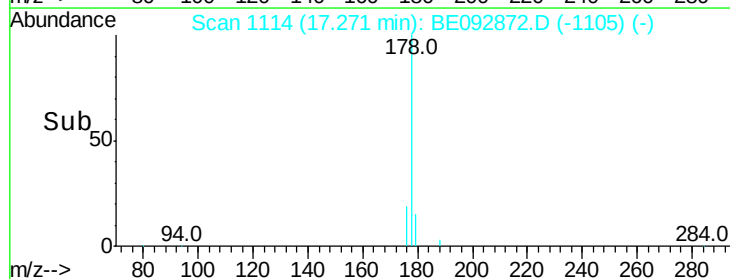
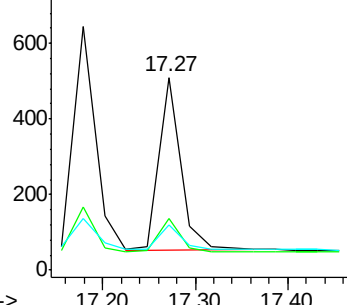
179 15.9 12.2 18.2

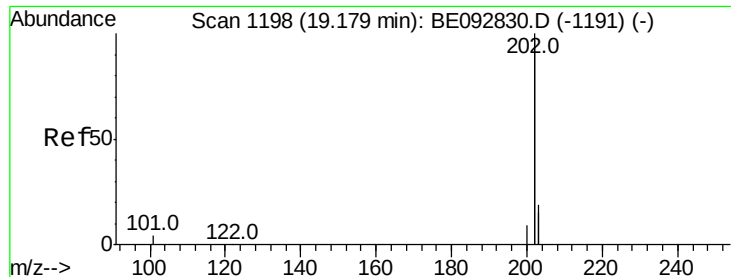


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.09 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

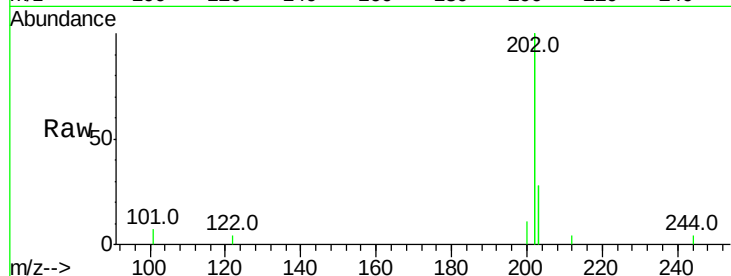
Tot Ion:202 Resp: 3439

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

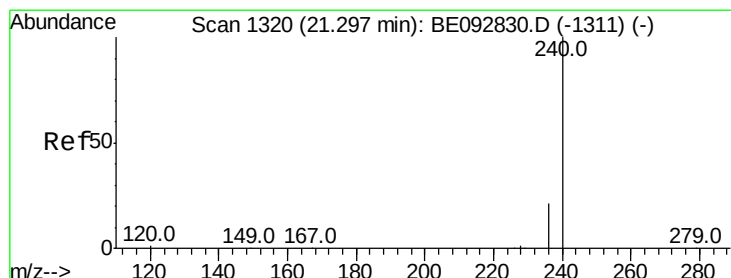
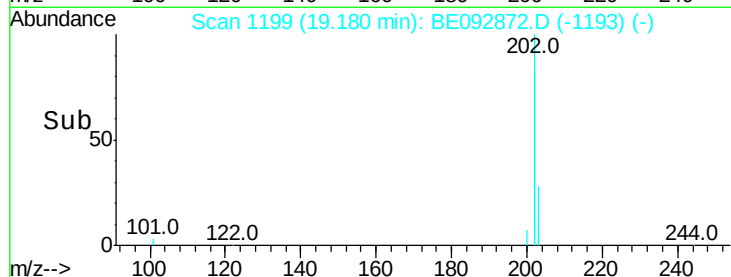
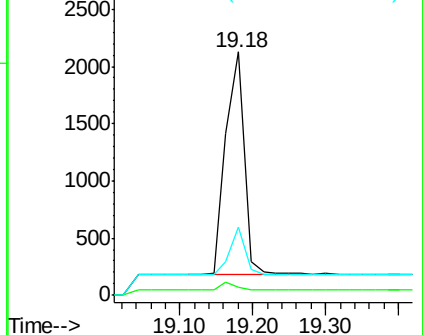
203 17.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

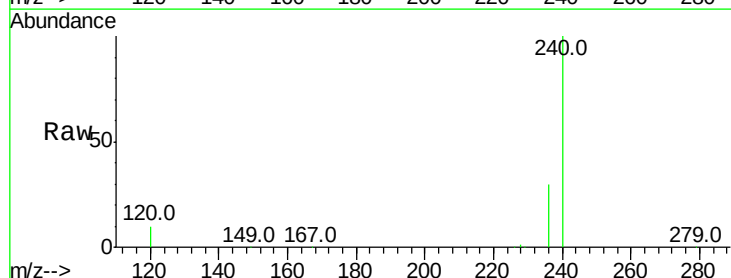
Tgt Ion:240 Resp: 38852

Ion Ratio Lower Upper

240 100

120 10.2 2.6 4.0#

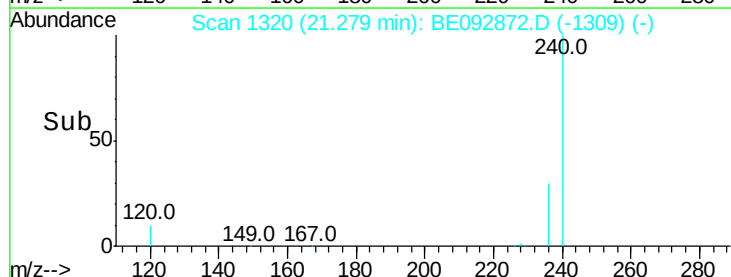
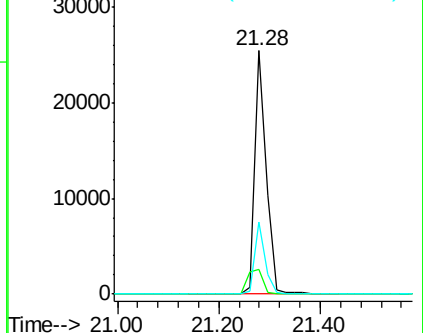
236 29.8 24.6 37.0

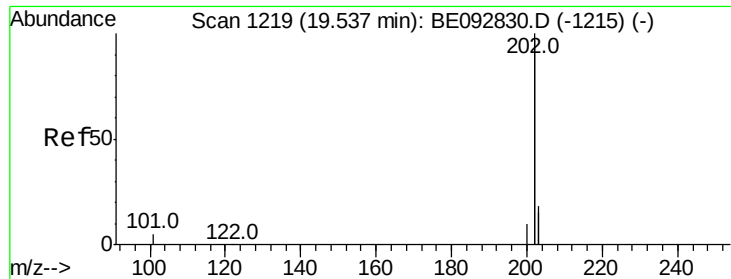


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

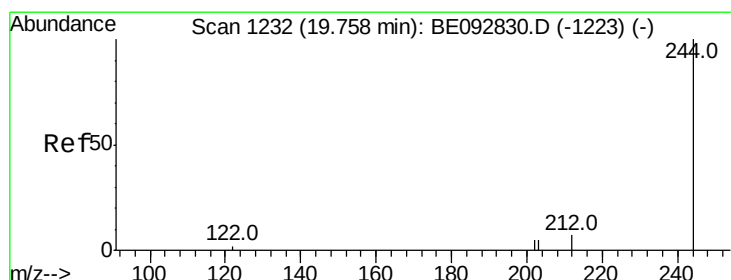
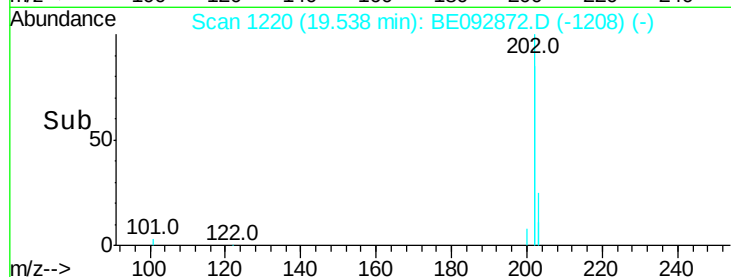
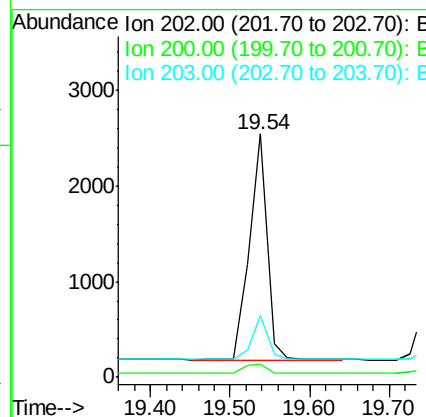
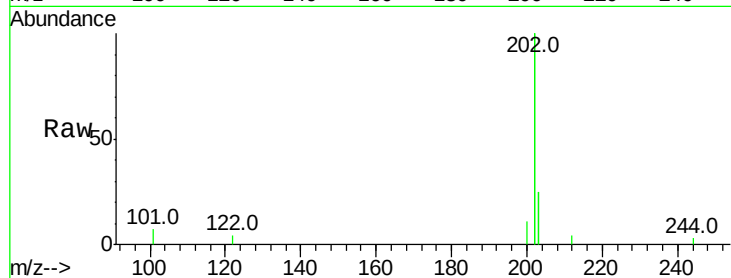




#25
Pvrene
Concen: 0.09 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

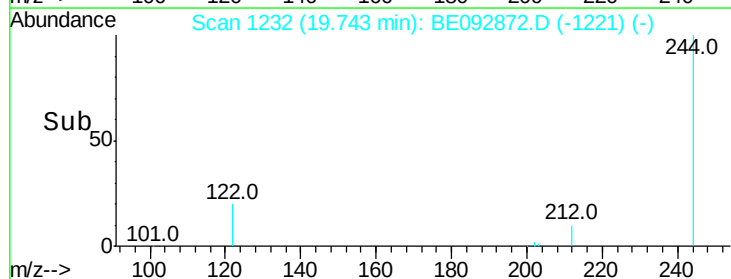
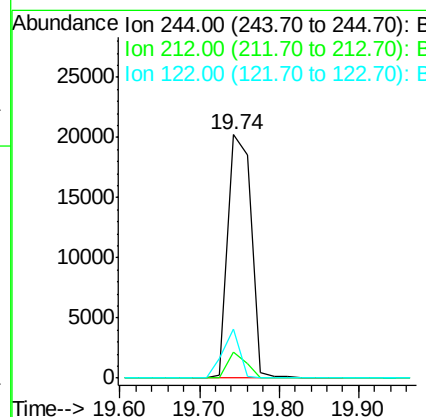
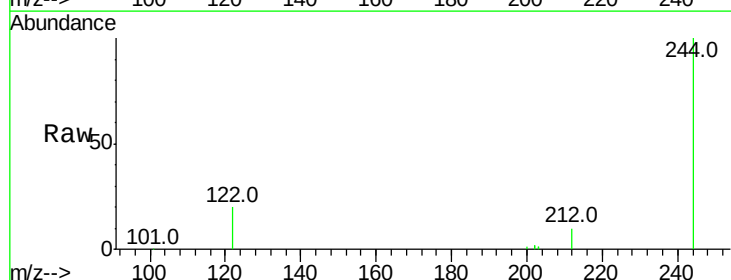
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT2-2017

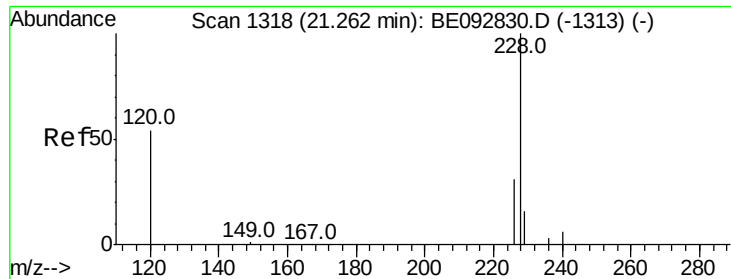
Tot Ion:202 Resp: 3666
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 17.8 13.9 20.9



#26
Terphenyl-d14
Concen: 6.00 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Tgt Ion:244 Resp: 40316
Ion Ratio Lower Upper
244 100
212 10.5 6.7 10.1#
122 20.1 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.26 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

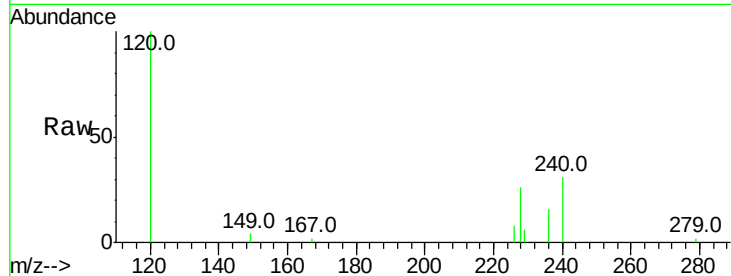
Tot Ion:228 Resp: 1033

Ion Ratio Lower Upper

228 100

226 32.6 23.6 35.4

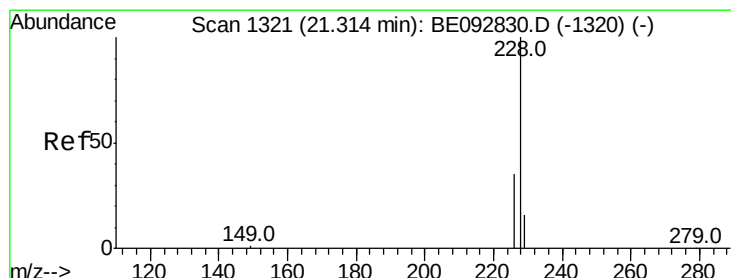
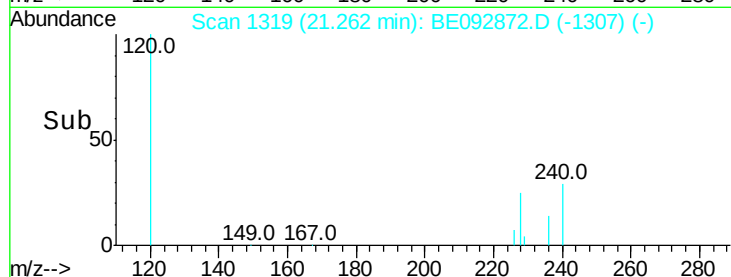
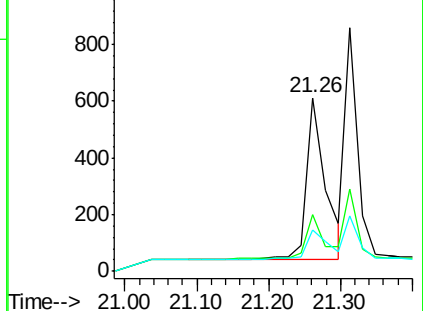
229 24.1 13.3 19.9#



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: 0.11 ng

RT: 21.31 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

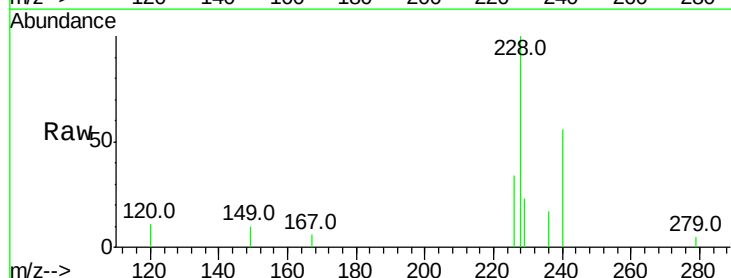
Tgt Ion:228 Resp: 1030

Ion Ratio Lower Upper

228 100

226 33.9 36.3 54.5#

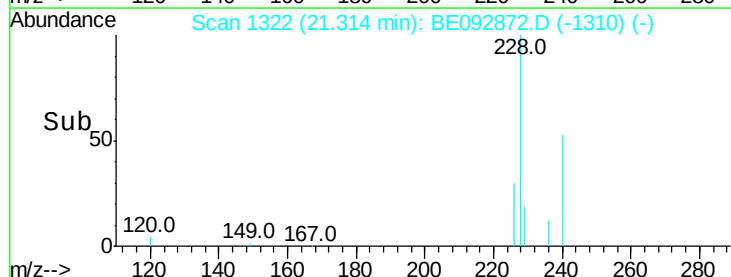
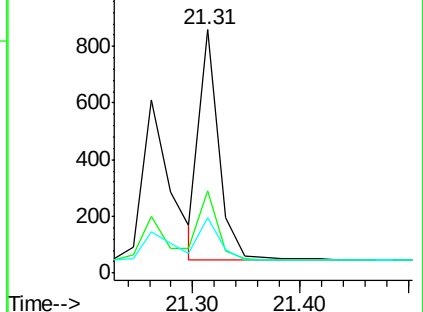
229 22.8 10.6 16.0#

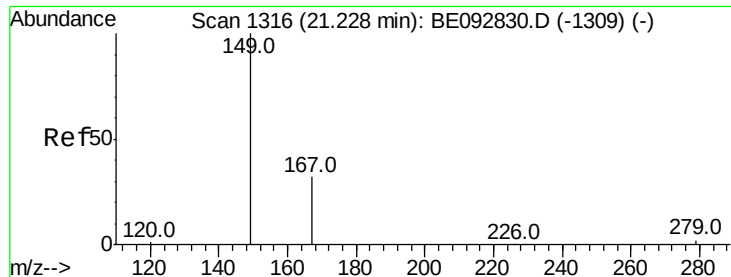


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

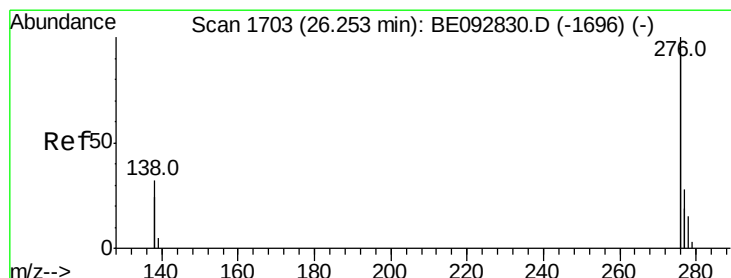
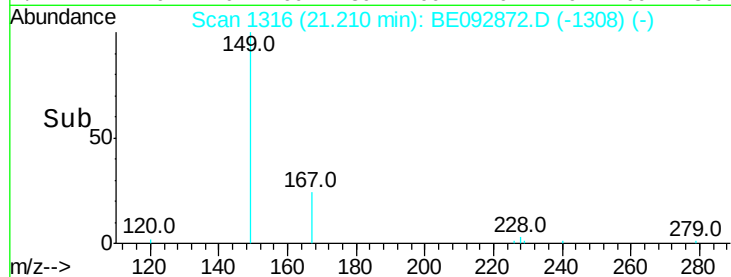
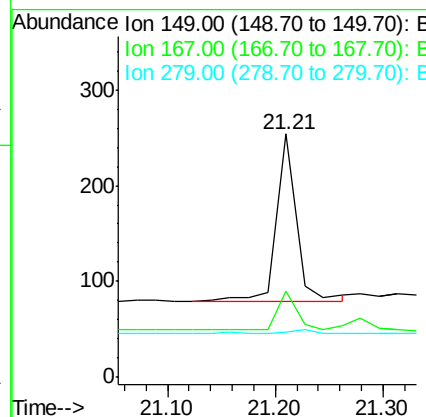
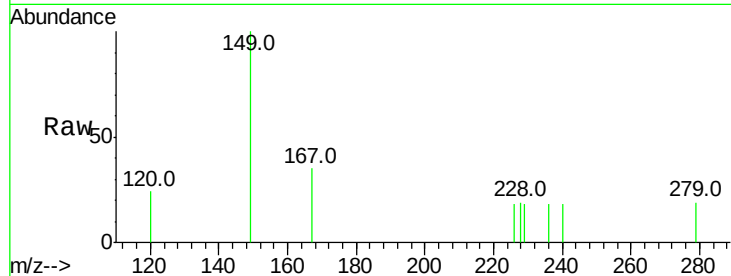




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.21 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

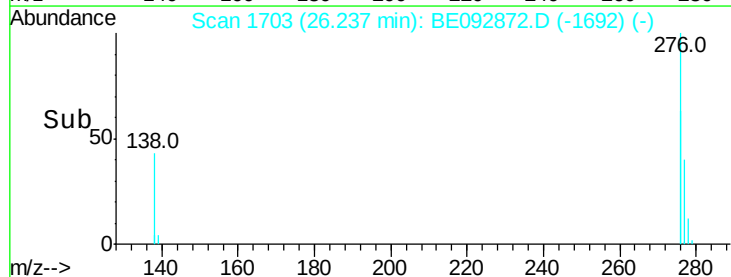
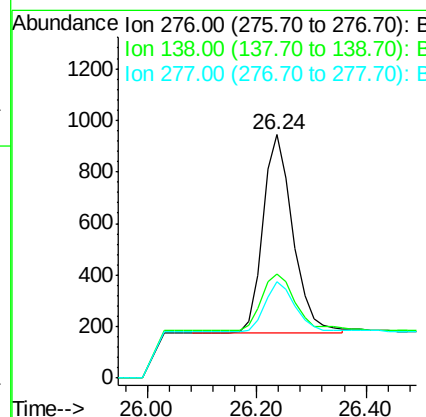
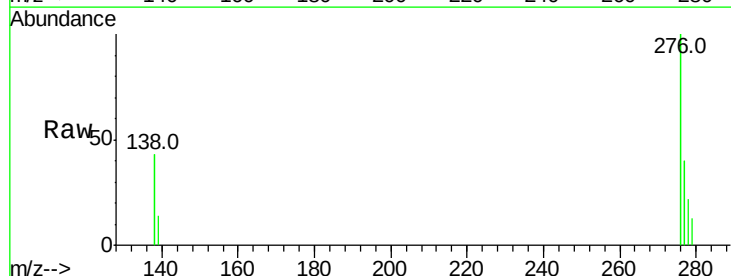
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

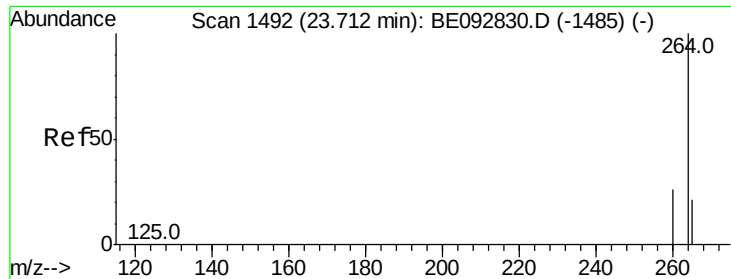
Tot Ion:149 Resp: 229
 Ion Ratio Lower Upper
 149 100
 167 22.7 16.0 24.0
 279 2.2 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng
 RT: 26.24 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BE092872.D
 Acq: 30 Mar 2017 12:40

Tgt Ion:276 Resp: 2963
 Ion Ratio Lower Upper
 276 100
 138 32.1 20.3 30.5#
 277 25.3 19.7 29.5

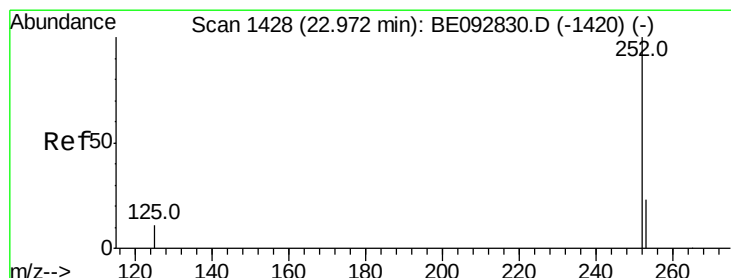
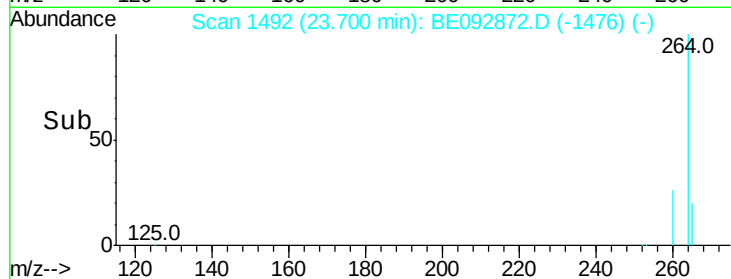
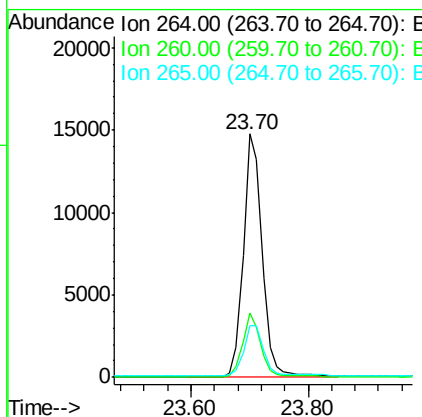
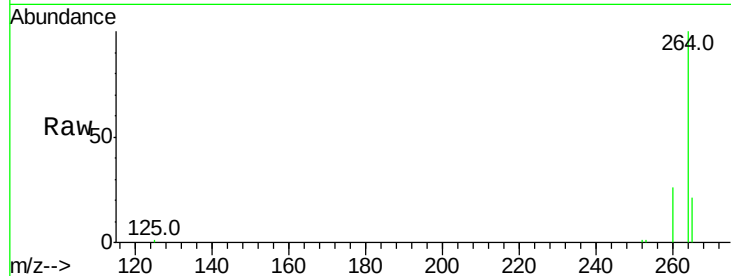




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

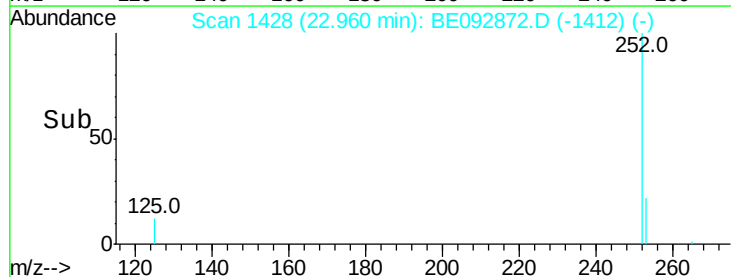
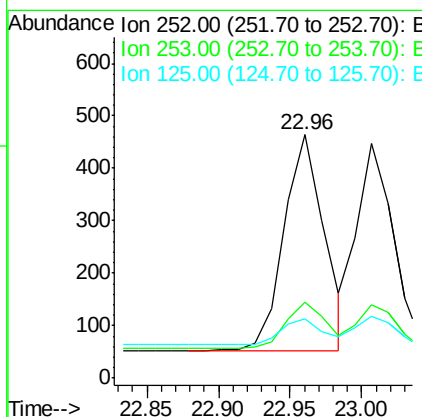
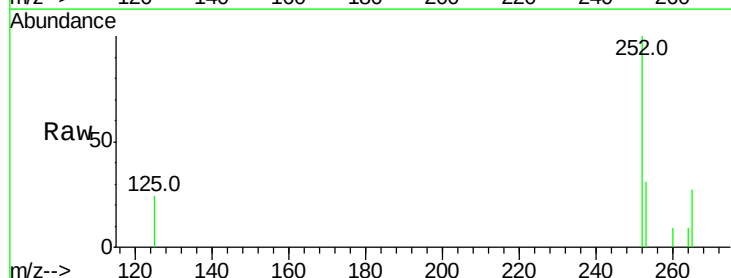
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL-01-QT2-2017

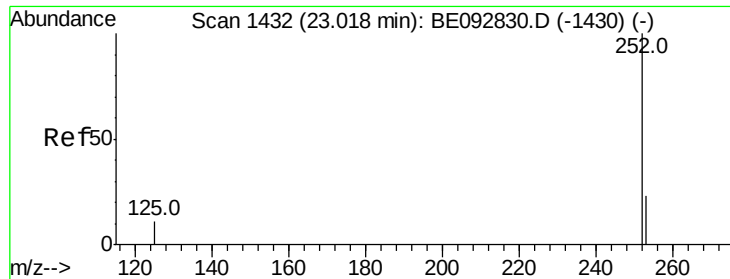
Tot Ion:264 Resp: 32485
Ion Ratio Lower Upper
264 100
260 26.4 20.1 30.1
265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092872.D
Acq: 30 Mar 2017 12:40

Tgt Ion:252 Resp: 799
Ion Ratio Lower Upper
252 100
253 31.3 18.7 28.1#
125 24.1 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 23.01 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

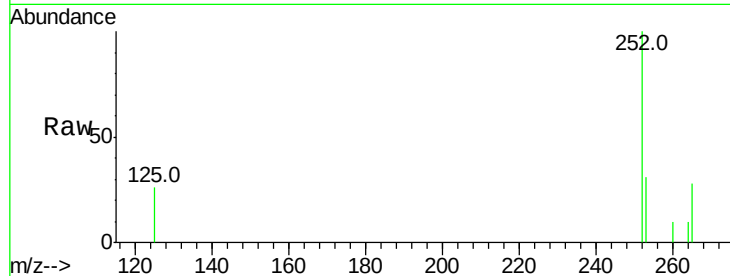
Tot Ion:252 Resp: 727

Ion Ratio Lower Upper

252 100

253 31.5 20.3 30.5#

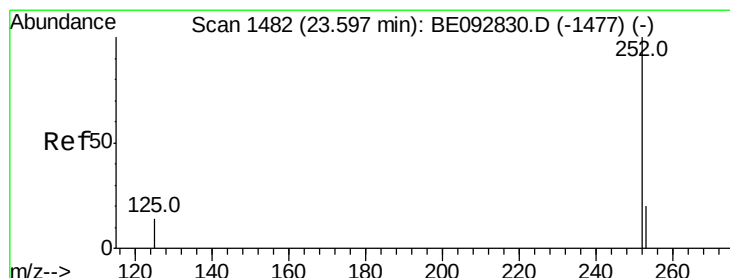
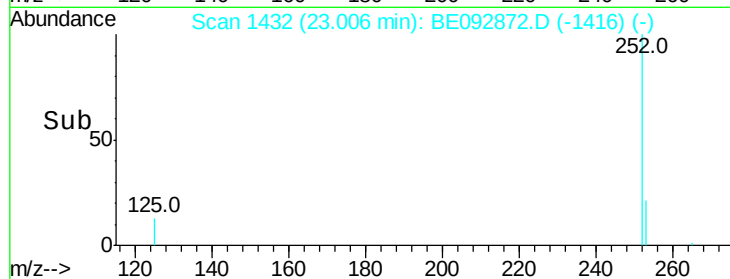
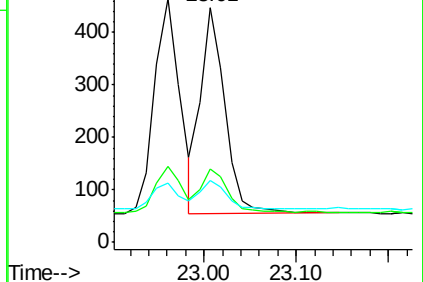
125 26.1 9.6 14.4#



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: 0.08 ng

RT: 23.58 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

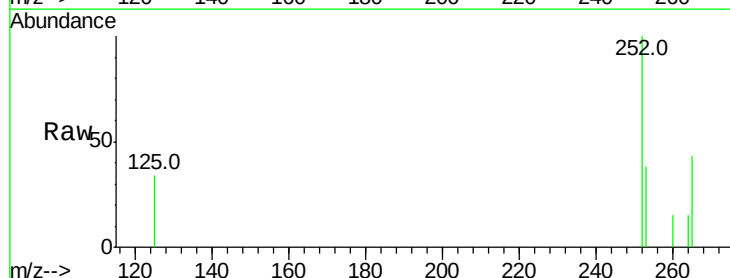
Tgt Ion:252 Resp: 570

Ion Ratio Lower Upper

252 100

253 37.6 19.0 28.6#

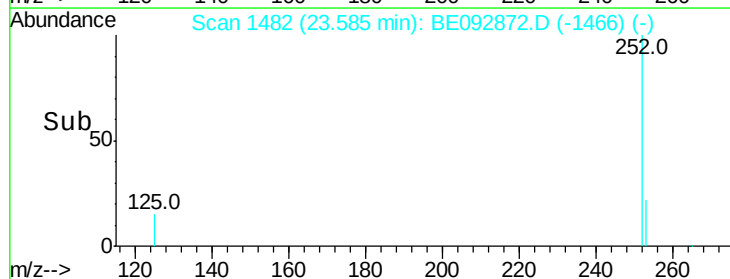
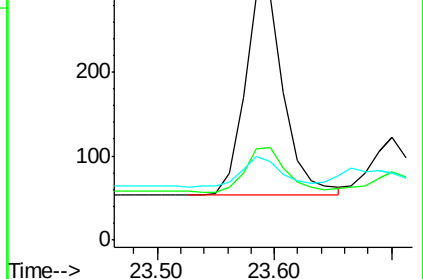
125 34.1 11.8 17.8#

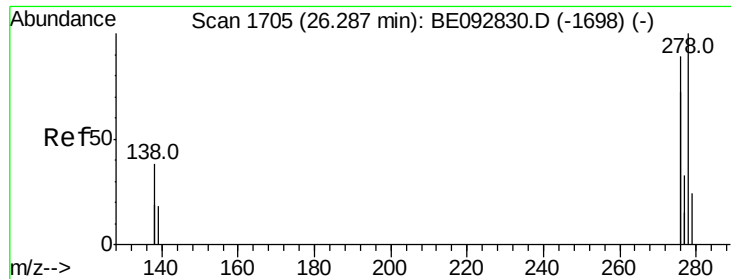


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 26.27 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL-01-QT2-2017

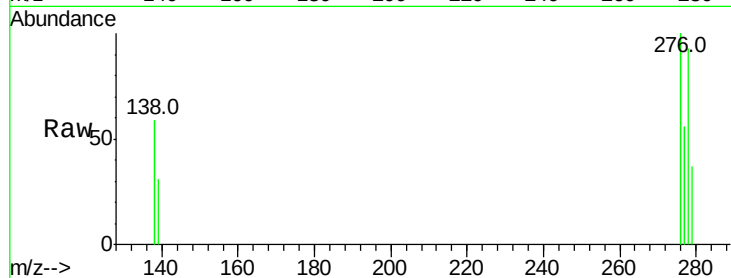
Tot Ion:278 Resp: 626

Ion Ratio Lower Upper

278 100

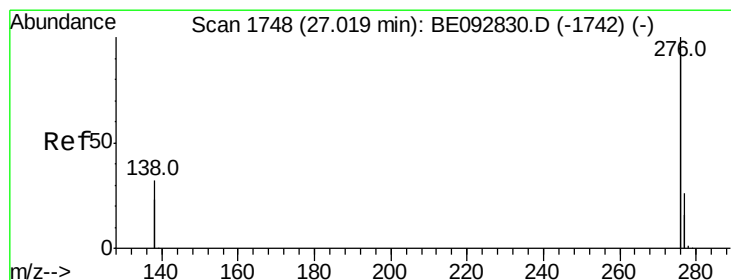
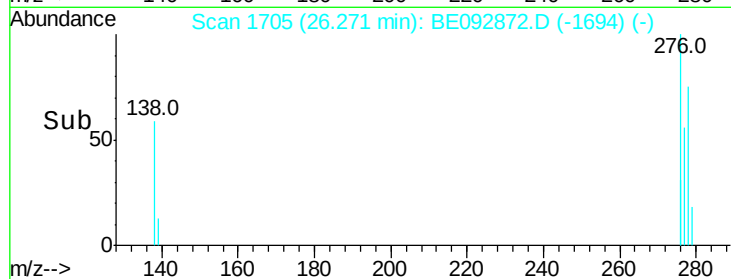
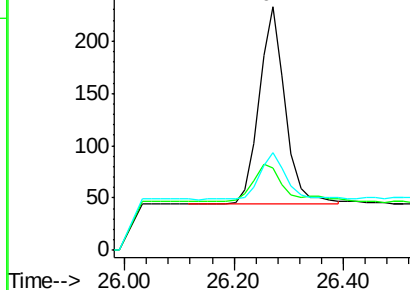
139 33.9 13.8 20.8#

279 39.9 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

26.27



#36

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 27.02 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BE092872.D

Acq: 30 Mar 2017 12:40

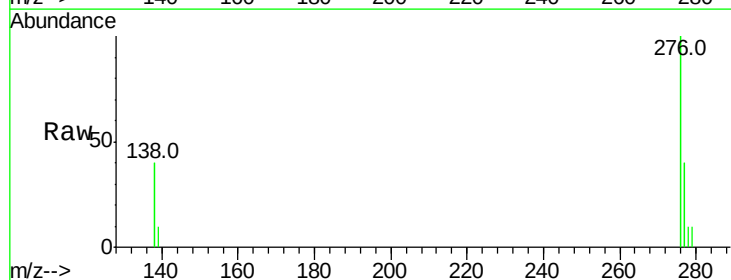
Tgt Ion:276 Resp: 2850

Ion Ratio Lower Upper

276 100

277 39.6 19.8 29.8#

138 39.6 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

27.02

