

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092616\
 Data File : BE092426.D
 Acq On : 26 Sep 2016 15:07
 Operator : UM/SJ
 Sample : H4818-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Quant Time: Sep 26 15:47:10 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12461	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	52140	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	31829	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	60971	5.00	ng	0.02
24) Chrysene-d12	21.75	240	71791	5.00	ng	0.00
31) Perylene-d12	24.12	264	70194	5.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	19594	6.68	ng	-0.02
5) Phenol-d6	7.34	99	22903	5.49	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10425	2.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	4751	4.29	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	25452	3.38	ng	-0.01
26) Terphenyl-d14	20.19	244	27384	3.07	ng	0.02

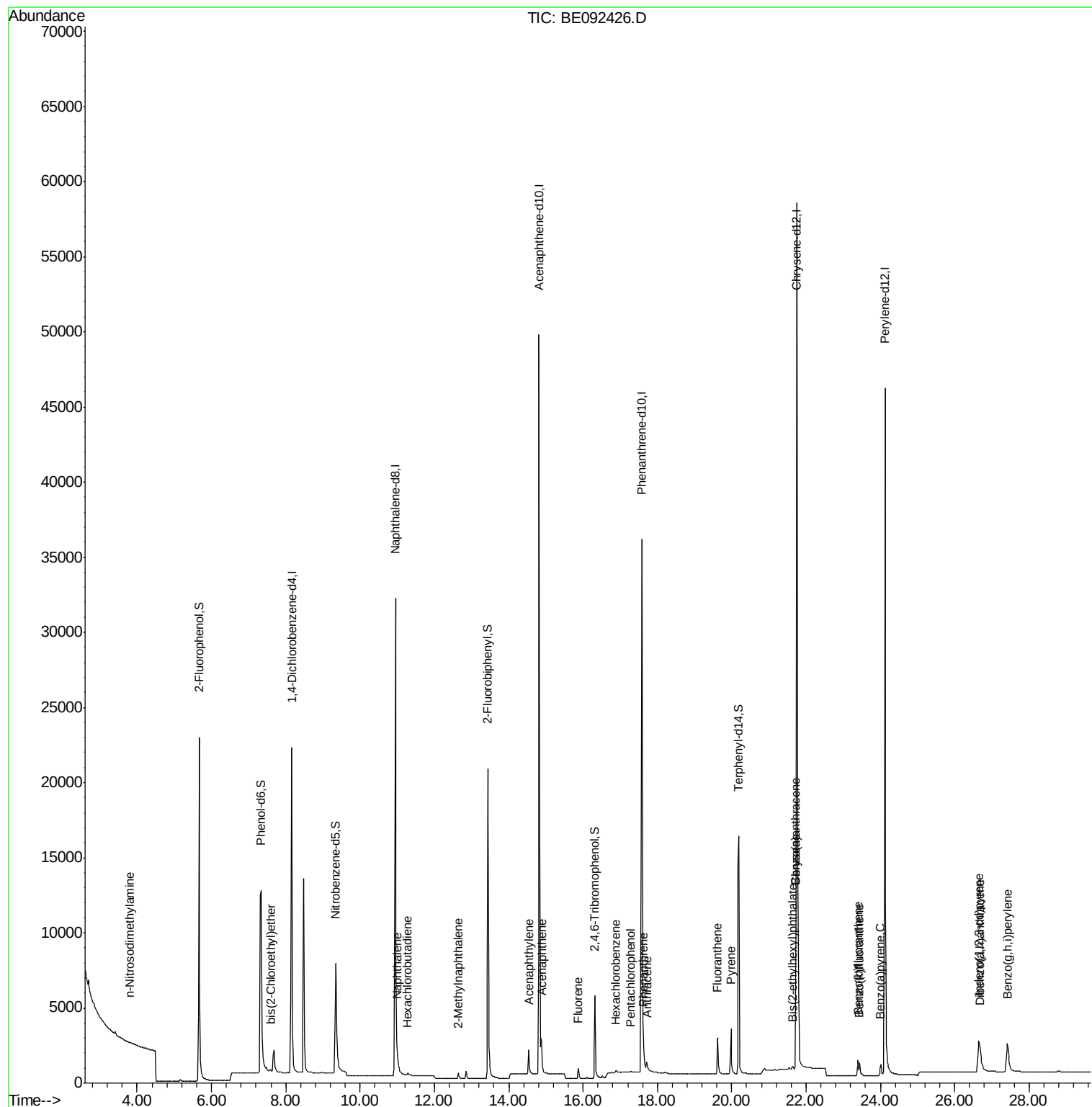
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	126	Below Cal	#	1
3) n-Nitrosodimethylamine	3.80	42	73	0.23	ng	55
6) bis(2-Chloroethyl)ether	7.59	93	178	0.14	ng	91
9) Naphthalene	10.99	128	819	0.07	ng	79
10) Hexachlorobutadiene	11.28	225	134	0.08	ng	98
11) 2-Methylnaphthalene	12.65	142	477	0.06	ng	94
15) Acenaphthylene	14.54	152	3348	0.07	ng	100
16) Acenaphthene	14.88	154	516	0.07	ng	84
17) Fluorene	15.87	166	636	0.07	ng	95
19) Hexachlorobenzene	16.89	284	195	0.07	ng	93
20) Pentachlorophenol	17.28	266	64	0.24	ng	80
21) Phenanthrene	17.62	178	1168	0.08	ng	75
22) Anthracene	17.72	178	986	0.07	ng	92
23) Fluoranthene	19.61	202	4907	0.07	ng	99
25) Pyrene	19.98	202	4591	0.07	ng	98
27) Benzo(a)anthracene	21.72	228	12620	0.18	ng	93
28) Chrysene	21.72	228	12775	0.20	ng	80
29) Bis(2-ethylhexyl)phthalate	21.63	149	356	0.06	ng	56
30) Indeno(1,2,3-cd)pyrene	26.65	276	5780	0.09	ng	98
32) Benzo(b)fluoranthene	23.39	252	1573	0.09	ng	86
33) Benzo(k)fluoranthene	23.44	252	1506	0.08	ng	82
34) Benzo(a)pyrene	24.01	252	1414	0.08	ng	76
35) Dibenzo(a,h)anthracene	26.68	278	1175	0.08	ng	72
36) Benzo(g,h,i)perylene	27.42	276	6005	0.09	ng	82

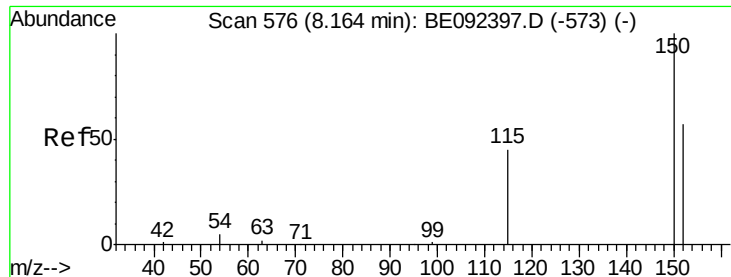
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE092616\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

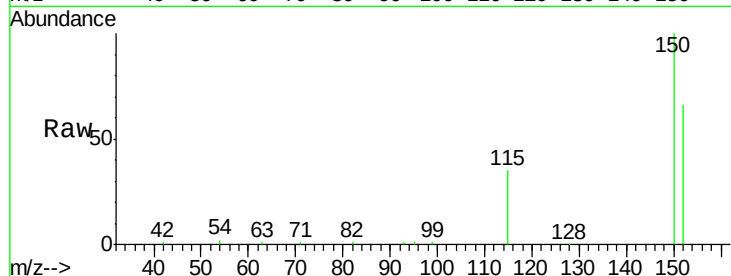
Tgt Ion:152 Resp: 12461

Ion Ratio Lower Upper

152 100

150 151.7 106.0 159.0

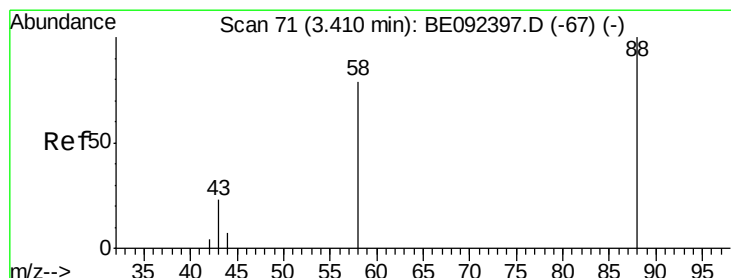
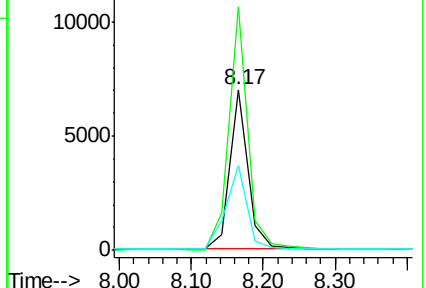
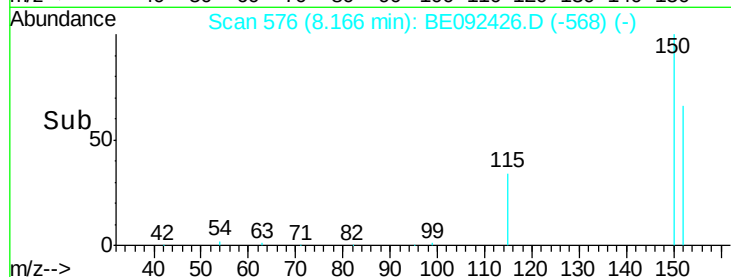
115 52.9 31.2 46.8#



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: Below Cal

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

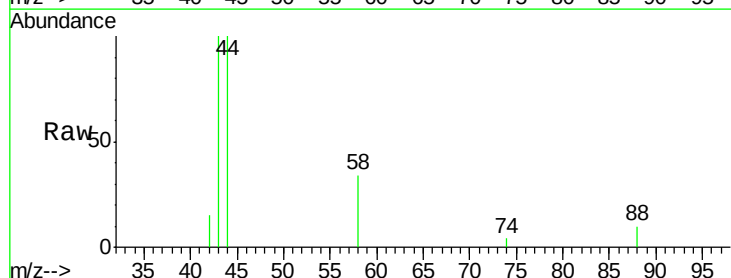
Tgt Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

58 221.4 63.6 95.4#

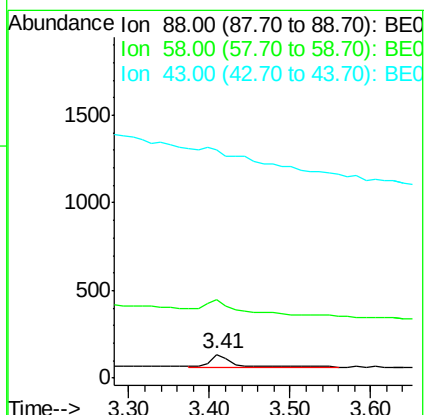
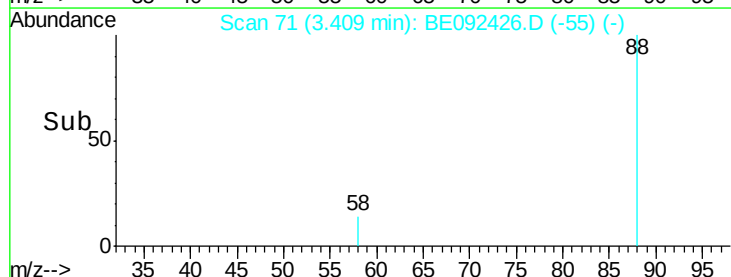
43 0.0 28.0 42.0#

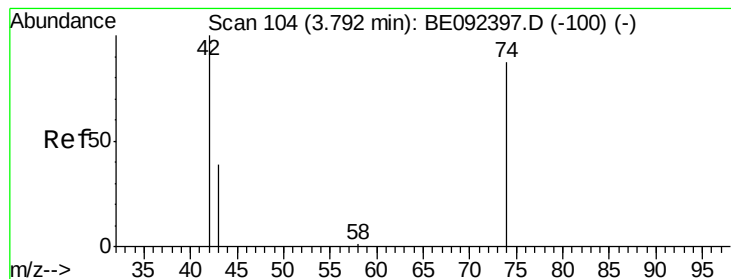


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.23 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

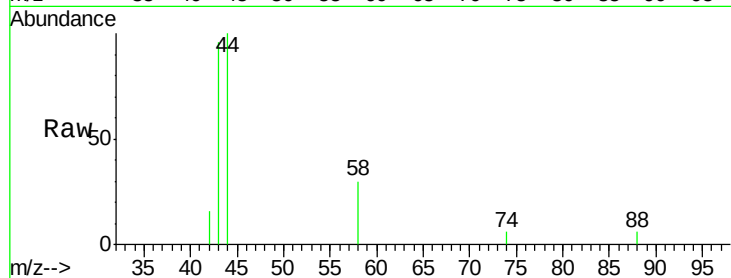
Tgt Ion: 42 Resp: 73

Ion Ratio Lower Upper

42 100

74 156.2 86.0 129.0#

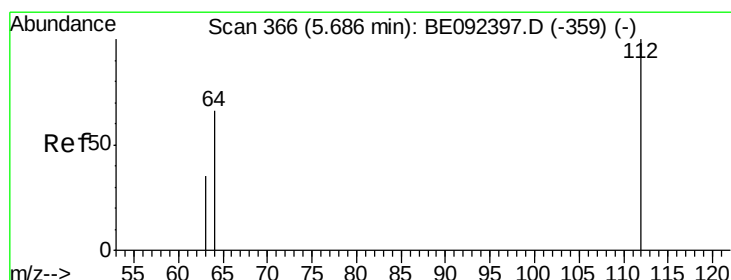
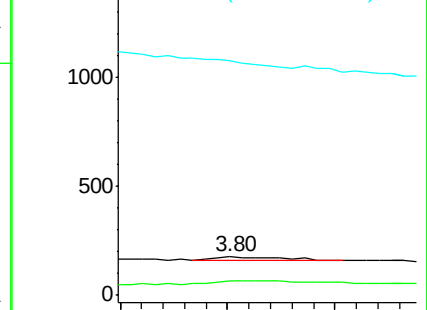
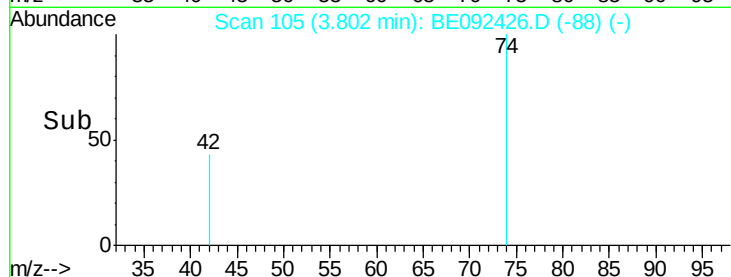
44 0.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 6.68 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

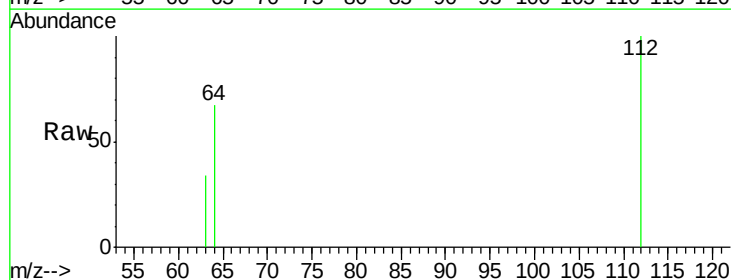
Tgt Ion: 112 Resp: 19594

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

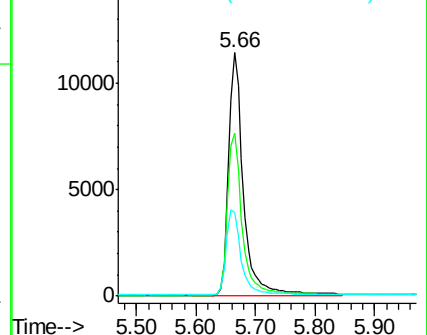
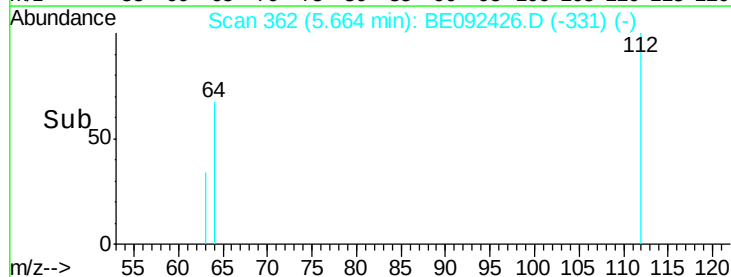
63 36.1 27.9 41.9

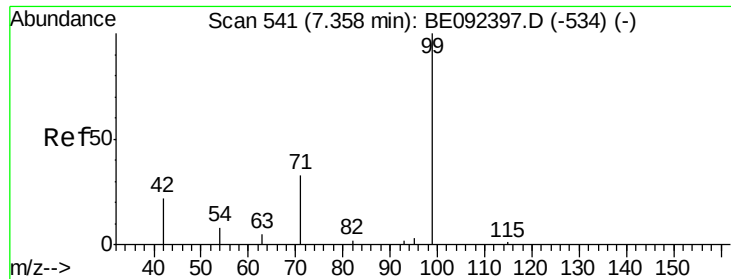


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.49 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

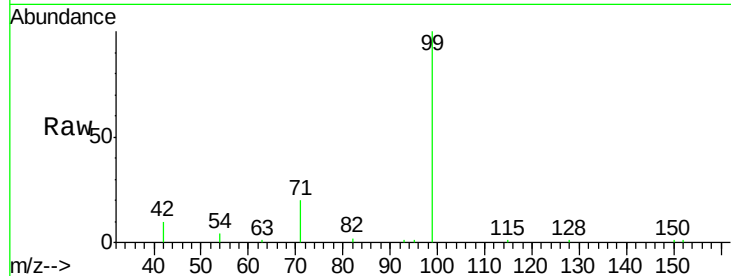
Tgt Ion: 99 Resp: 22903

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

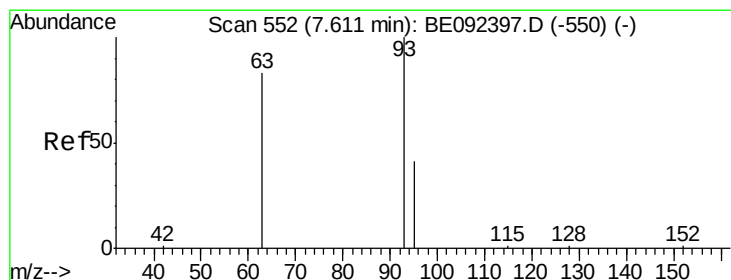
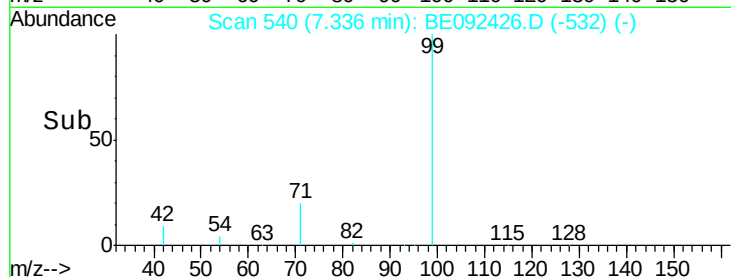
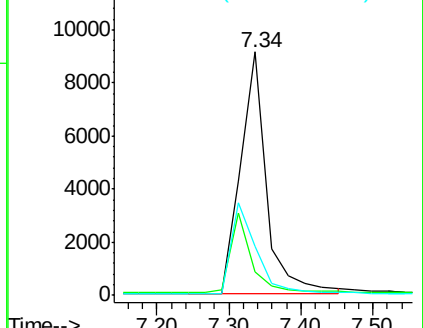
71 0.0 30.6 45.8#



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: 0.14 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

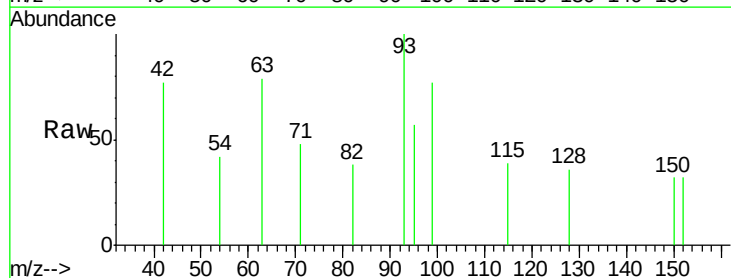
Tgt Ion: 93 Resp: 178

Ion Ratio Lower Upper

93 100

63 93.3 71.6 107.4

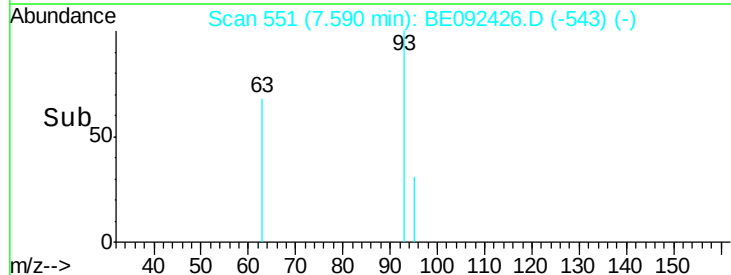
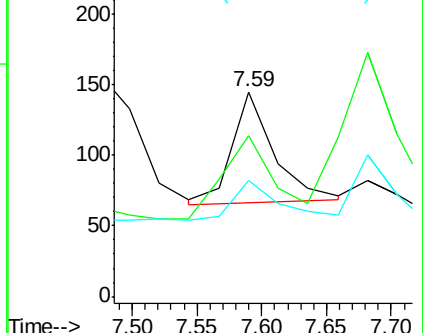
95 42.1 24.0 36.0#

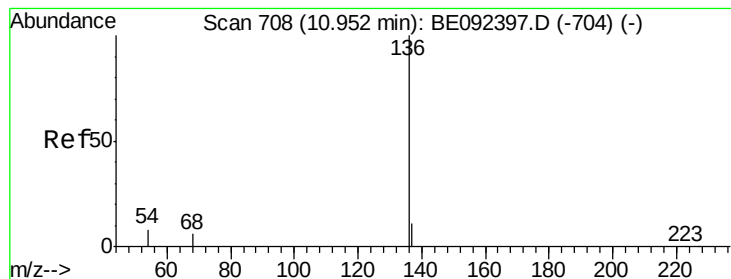


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

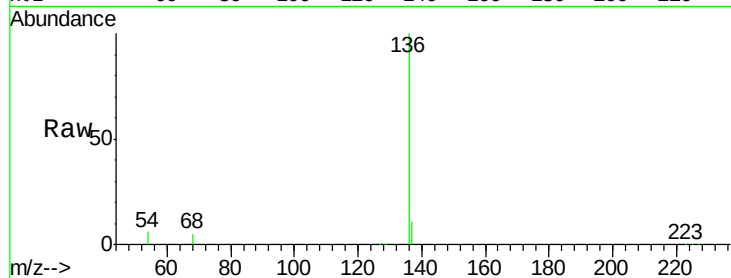
Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

Tgt Ion:	136	Resp:	52140
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.2	9.6	14.4#
68	4.8	6.7	10.1#

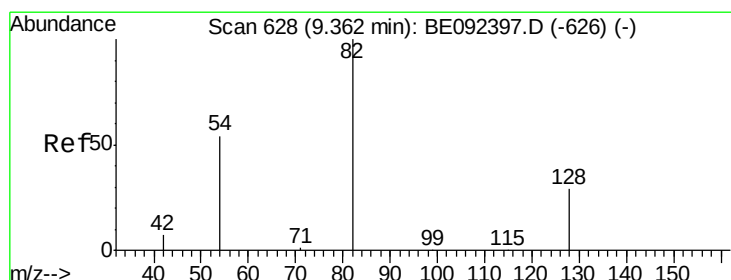
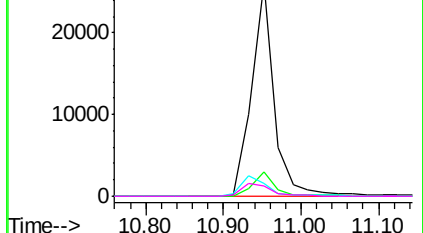
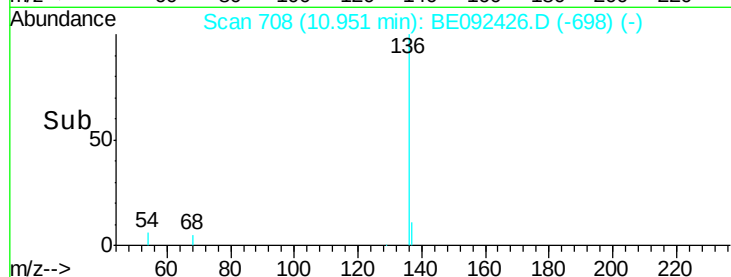


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 2.85 ng

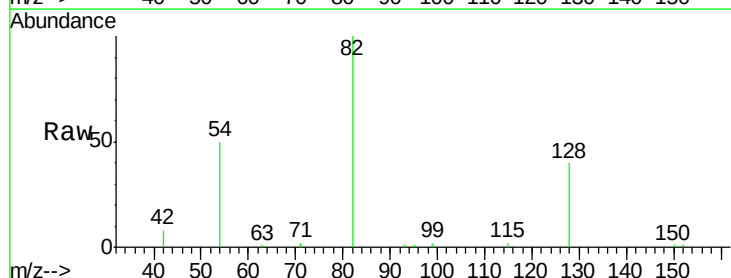
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

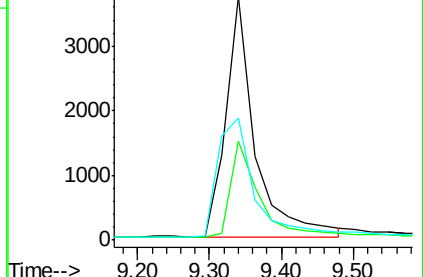
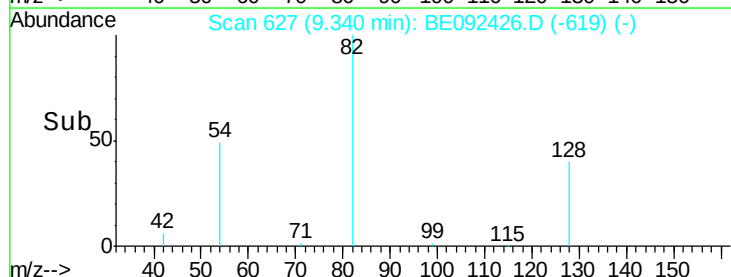
Tgt Ion:	82	Resp:	10425
Ion	Ratio	Lower	Upper
82	100		
128	40.4	39.0	58.4
54	50.1	44.8	67.2

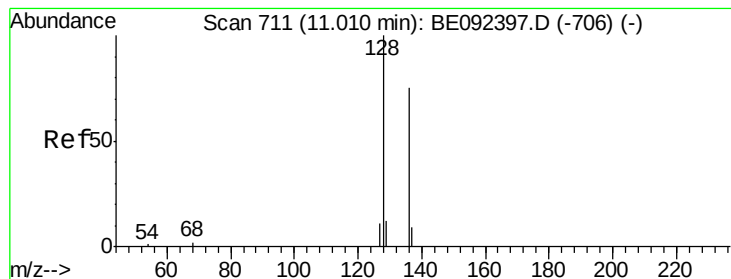


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.07 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

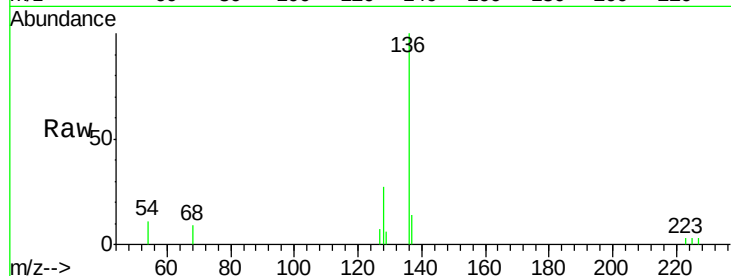
Tgt Ion:128 Resp: 819

Ion Ratio Lower Upper

128 100

129 21.5 11.2 16.8#

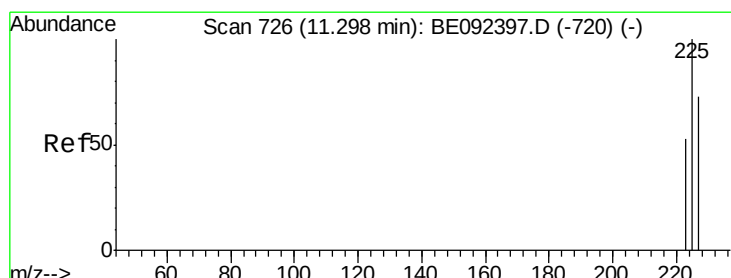
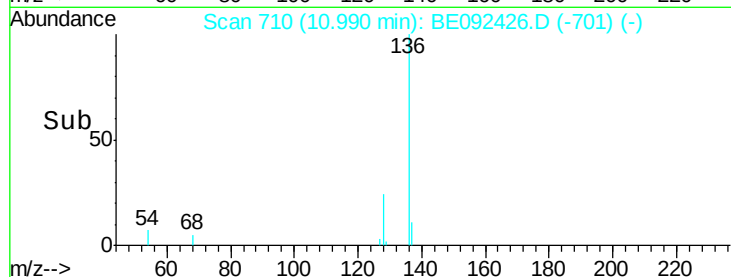
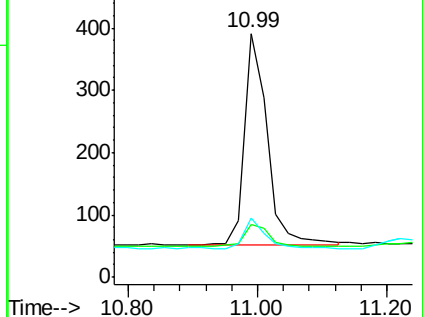
127 24.3 11.6 17.4#



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: 0.08 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

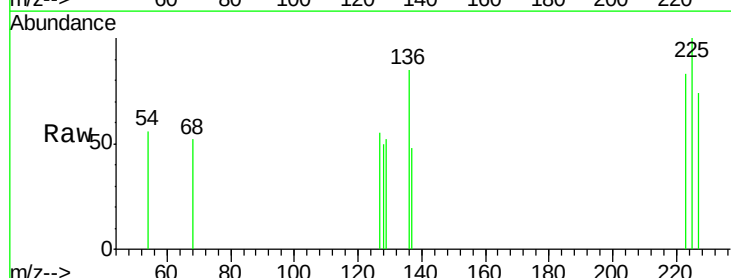
Tgt Ion:225 Resp: 134

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

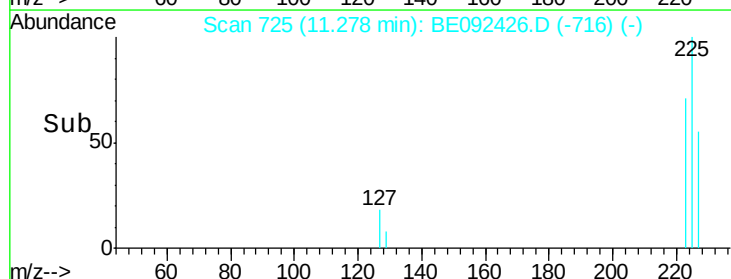
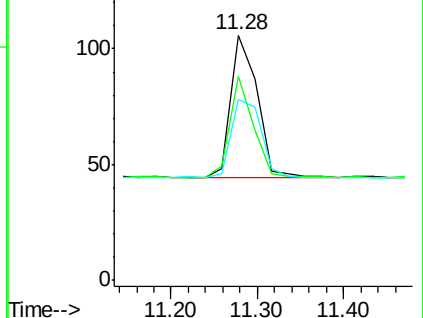
227 62.7 51.4 77.0

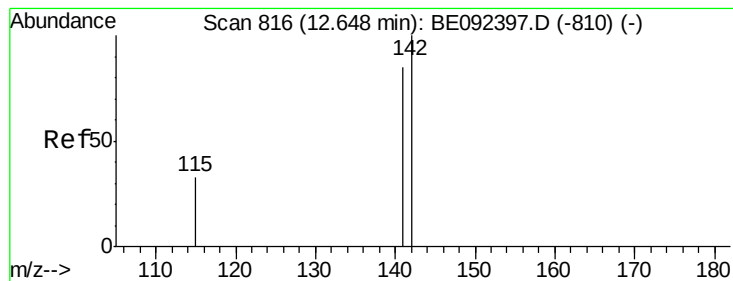


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.06 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

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LOD-SOIL2016-01-QT4

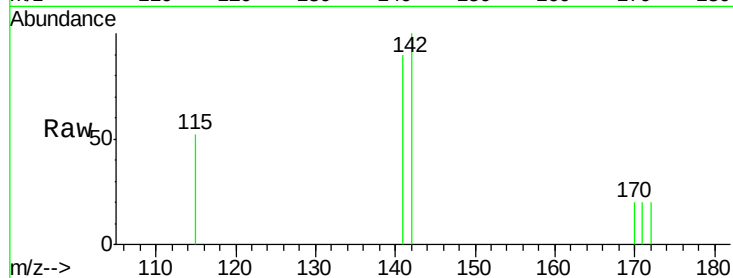
Tgt Ion:142 Resp: 477

Ion Ratio Lower Upper

142 100

141 90.0 73.7 110.5

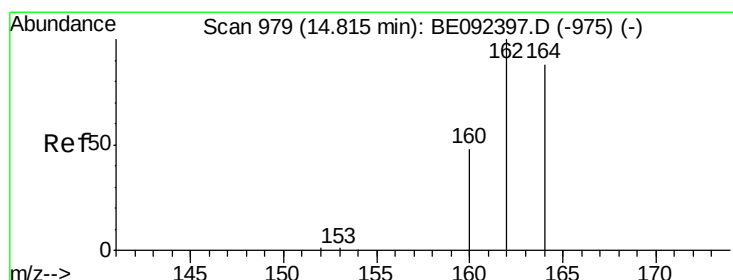
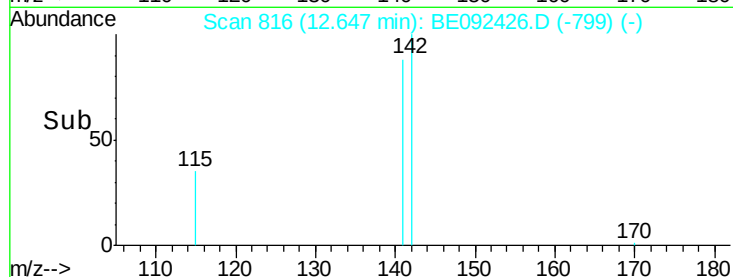
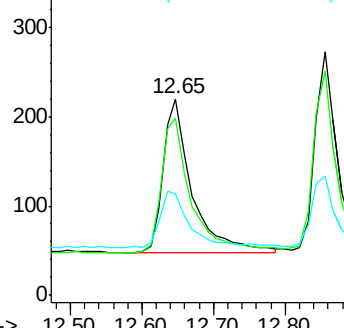
115 51.8 34.0 51.0#



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: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

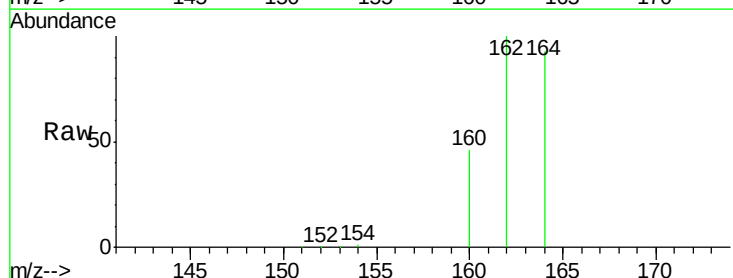
Tgt Ion:164 Resp: 31829

Ion Ratio Lower Upper

164 100

162 107.0 71.4 107.0

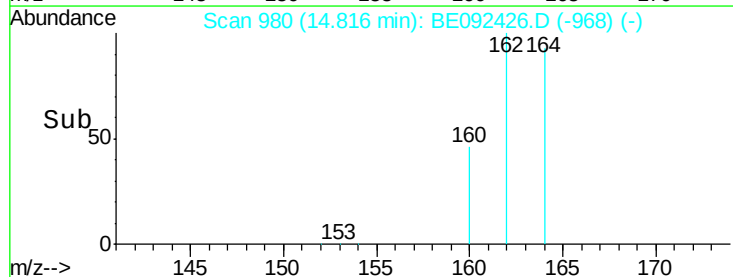
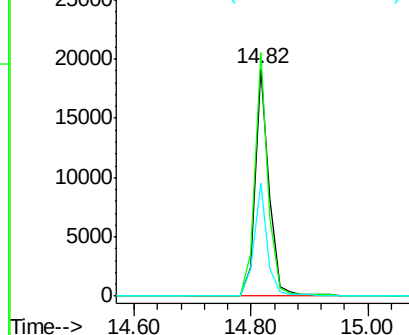
160 49.4 27.4 41.2#

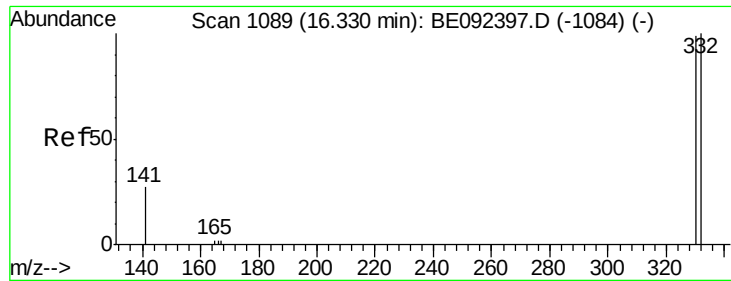


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

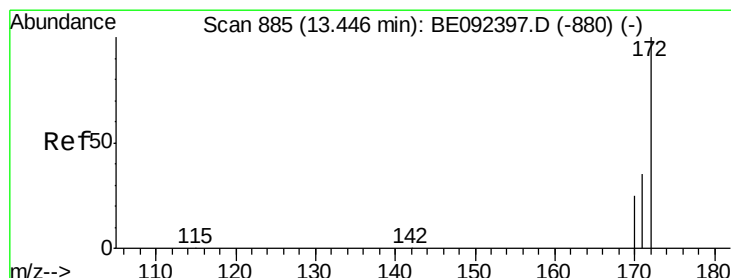
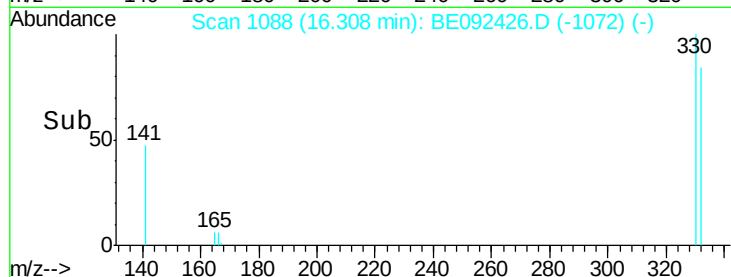
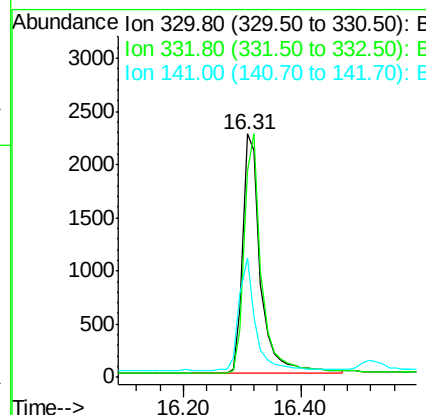
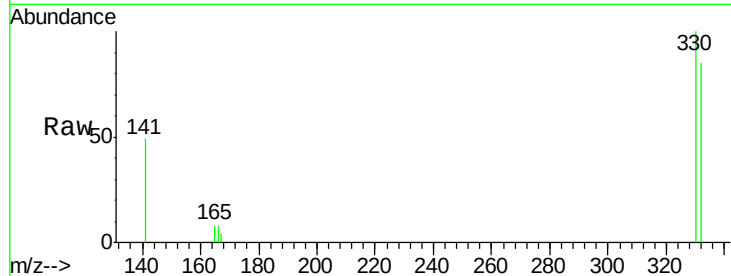




#13
 2,4,6-Tribromophenol
 Concen: 4.29 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

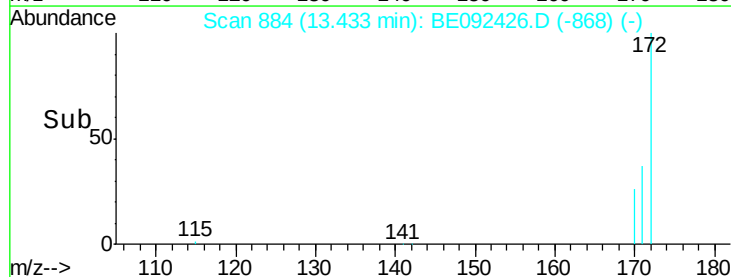
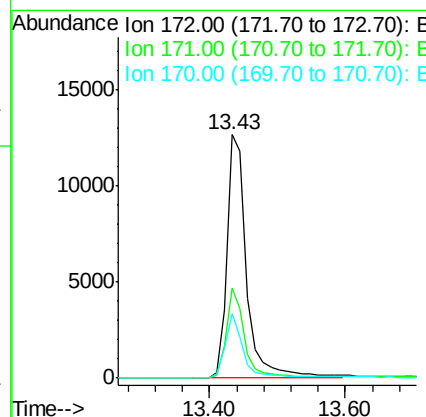
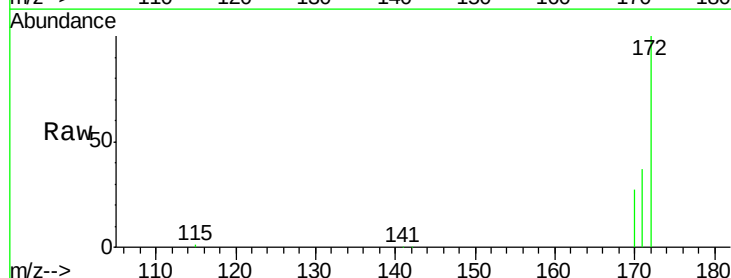
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01-QT4

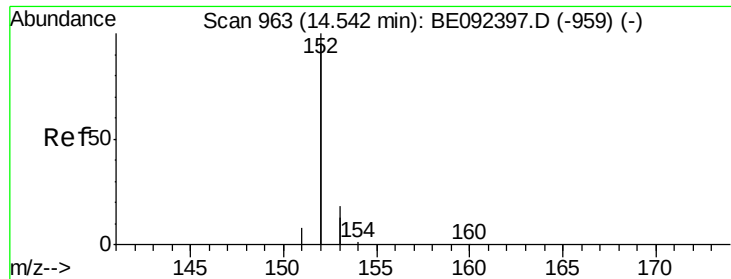
Tgt Ion:330 Resp: 4751
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.38 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

Tgt Ion:172 Resp: 25452
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 26.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.07 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

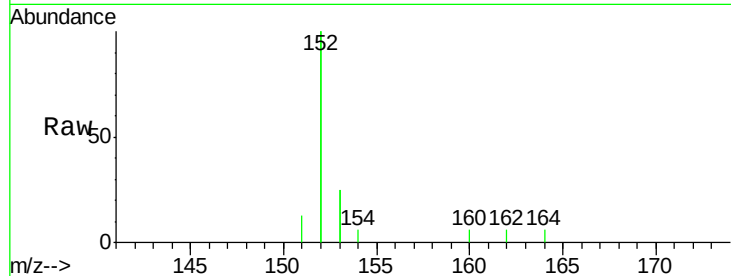
Tgt Ion:152 Resp: 3348

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

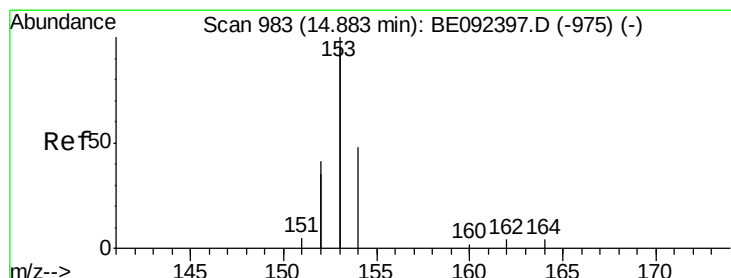
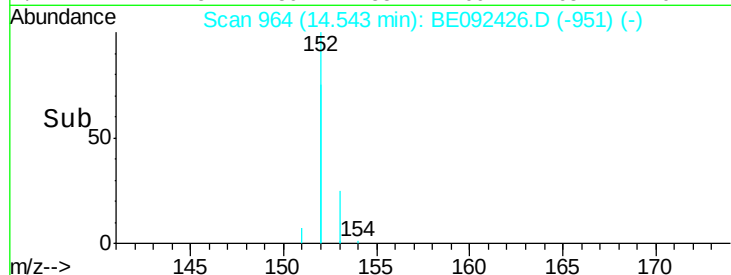
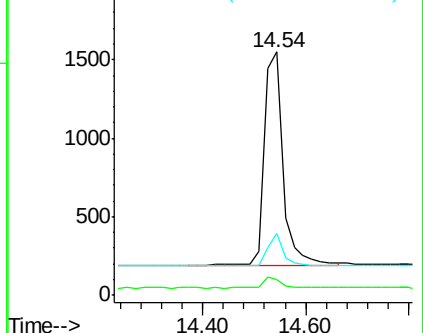
153 13.1 10.4 15.6



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: 0.07 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

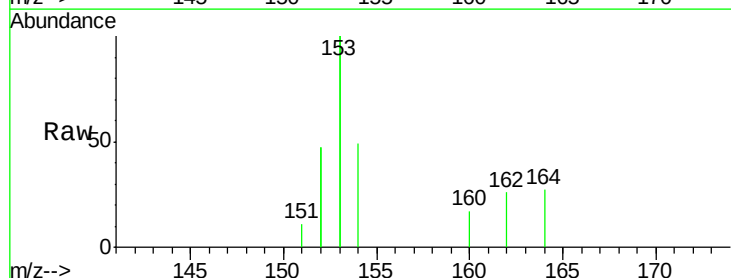
Tgt Ion:154 Resp: 516

Ion Ratio Lower Upper

154 100

153 479.3 350.8 526.2

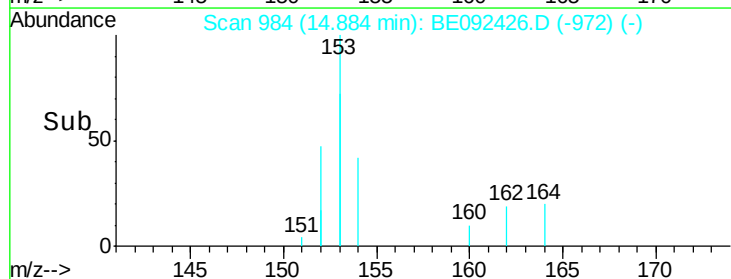
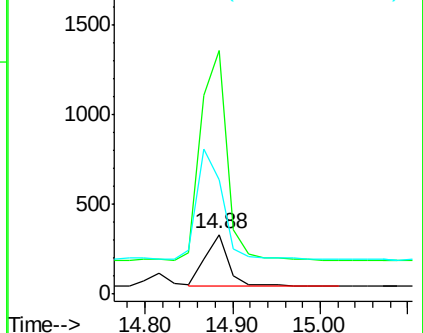
152 239.3 171.1 256.7

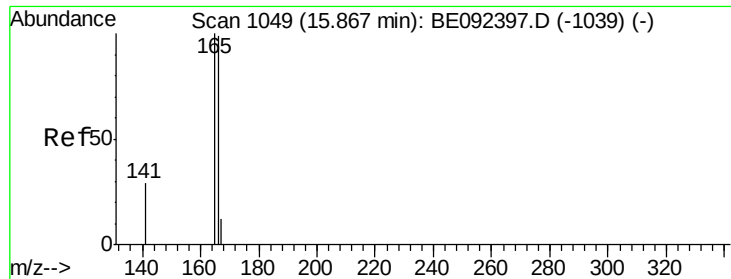


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

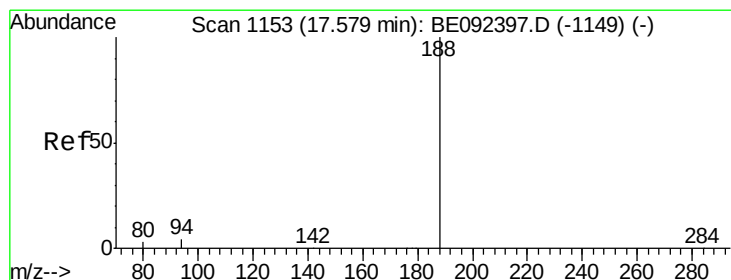
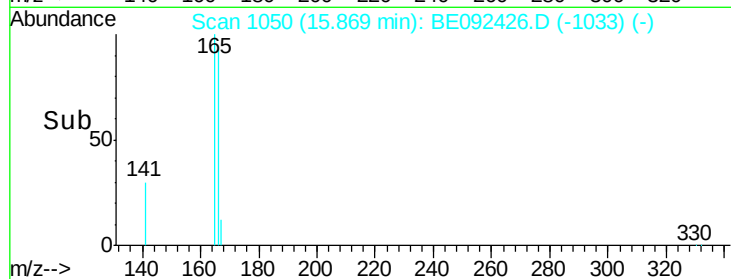
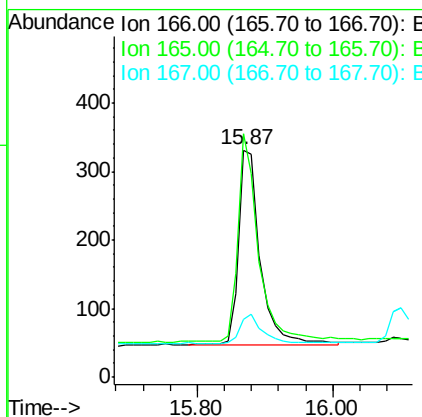
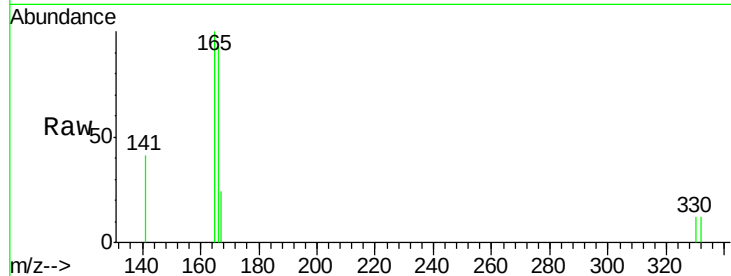




#17
Fluorene
 Concen: 0.07 ng
 RT: 15.87 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

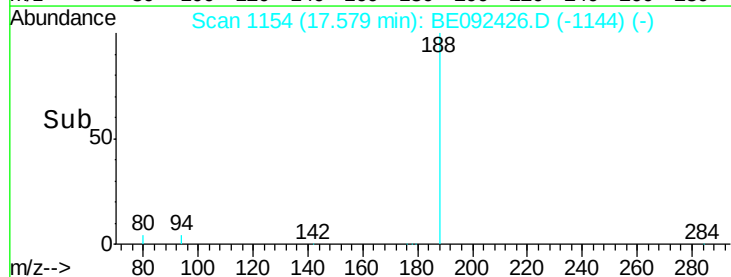
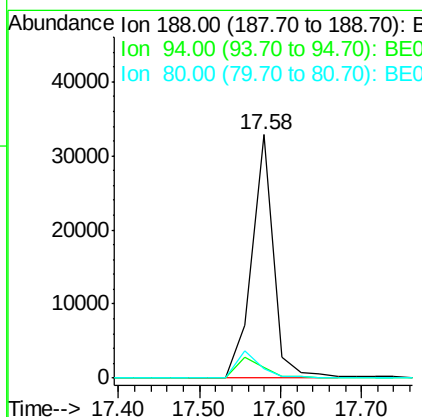
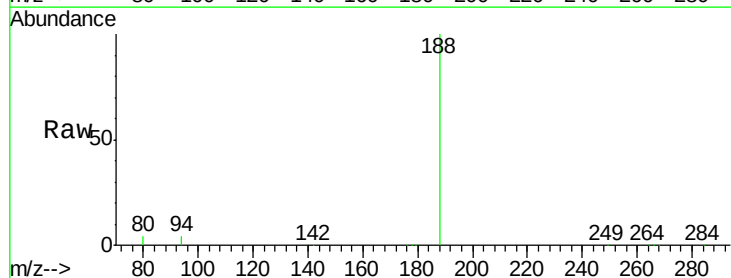
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01-QT4

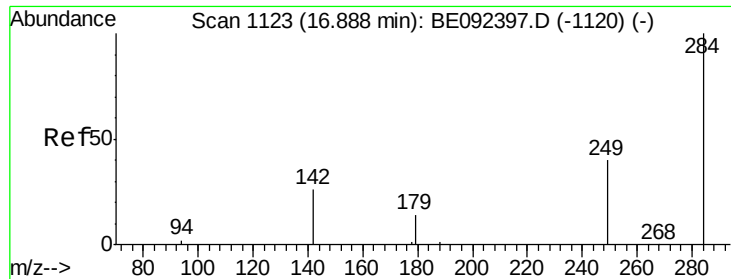
Tgt Ion:166 Resp: 636
 Ion Ratio Lower Upper
 166 100
 165 103.1 78.2 117.4
 167 15.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

Tgt Ion:188 Resp: 60971
 Ion Ratio Lower Upper
 188 100
 94 4.4 3.2 4.8
 80 3.9 2.6 3.8#

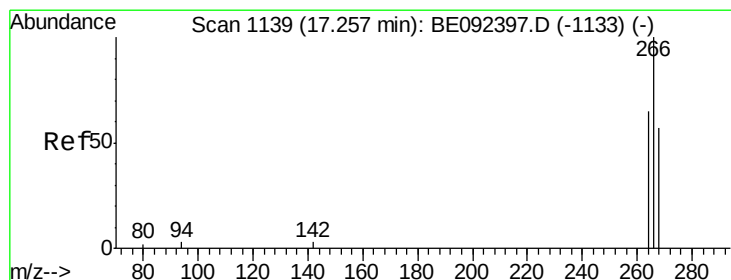
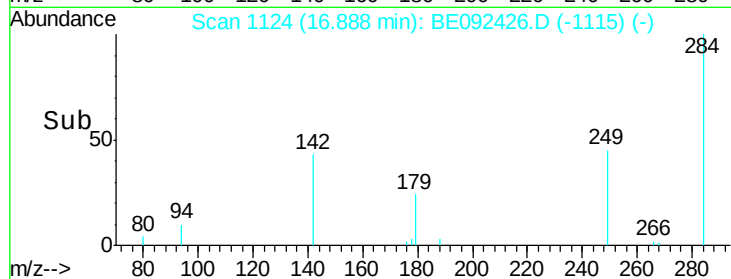
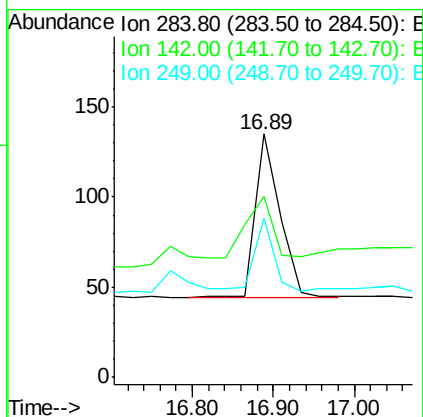
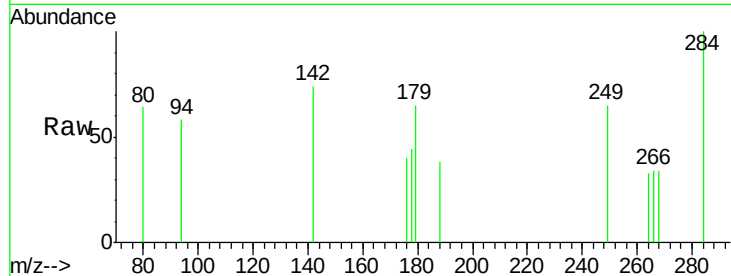




#19
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092426.D
Acq: 26 Sep 2016 15:07

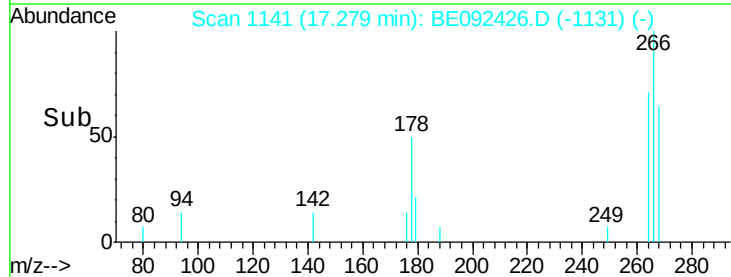
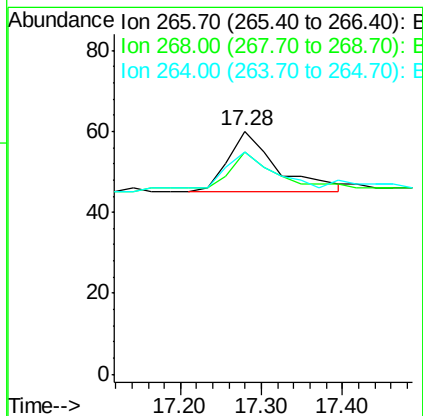
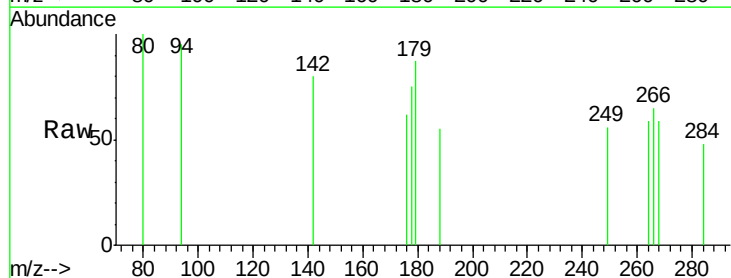
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01-QT4

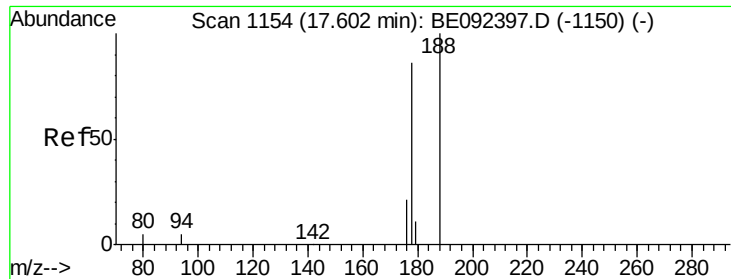
Tgt Ion: 284 Resp: 195
Ion Ratio Lower Upper
284 100
142 42.1 29.1 43.7
249 32.8 27.9 41.9



#20
Pentachlorophenol
Concen: 0.24 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092426.D
Acq: 26 Sep 2016 15:07

Tgt Ion: 266 Resp: 64
Ion Ratio Lower Upper
266 100
268 91.7 62.5 93.7
264 91.7 57.2 85.8#





#21

Phenanthrene

Concen: 0.08 ng

RT: 17.62 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

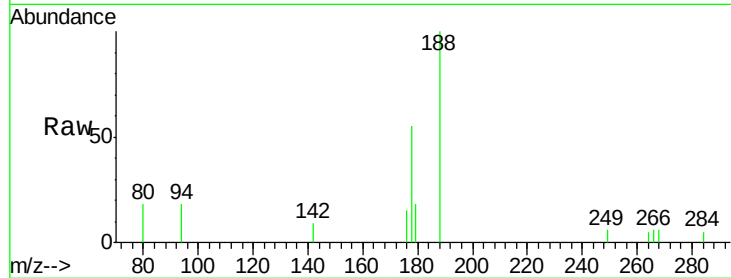
Tgt Ion:178 Resp: 1168

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

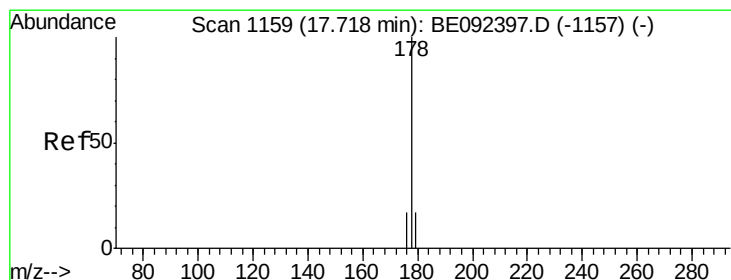
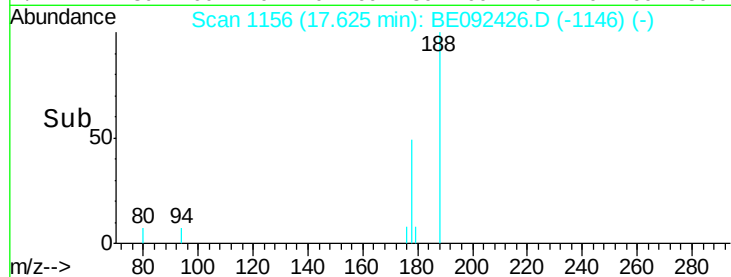
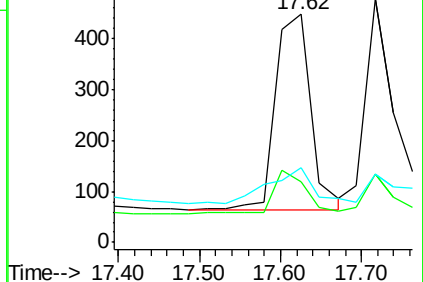
179 23.3 16.0 24.0



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: 0.07 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

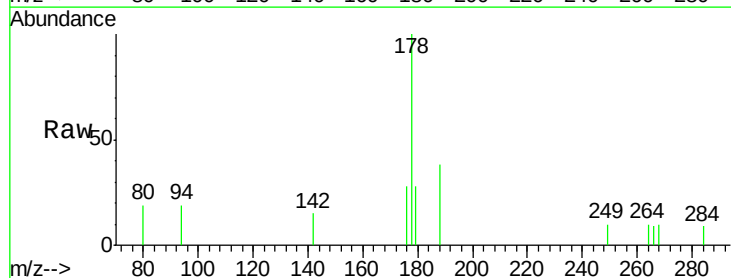
Tgt Ion:178 Resp: 986

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

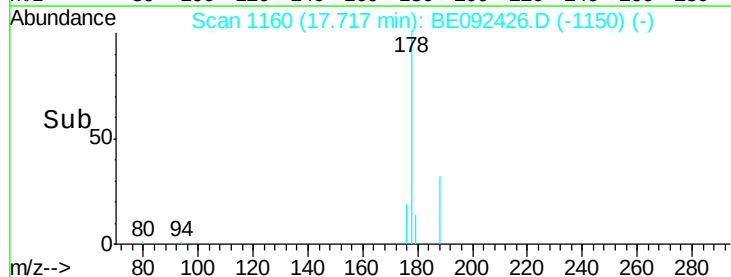
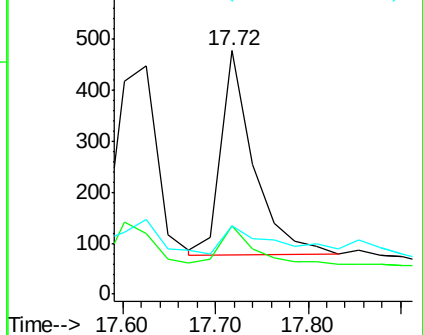
179 23.0 12.2 18.2#

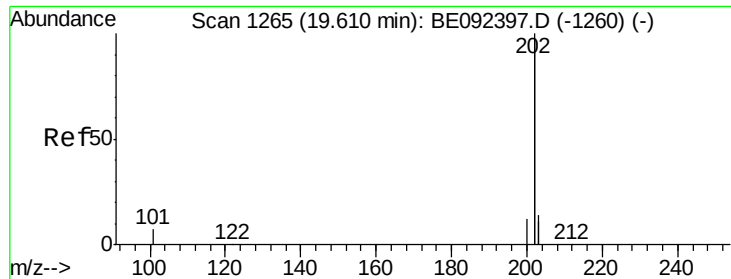


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.07 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

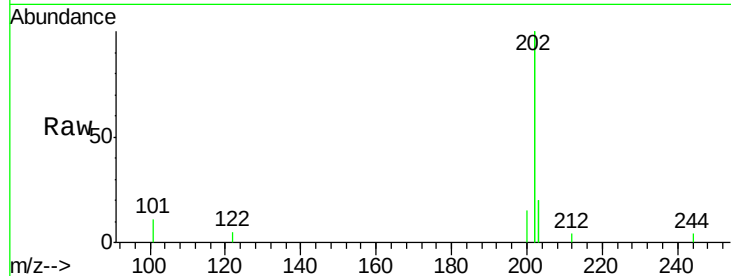
Instrument :

BNA_E

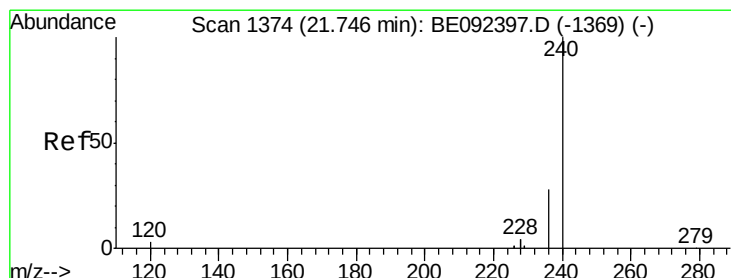
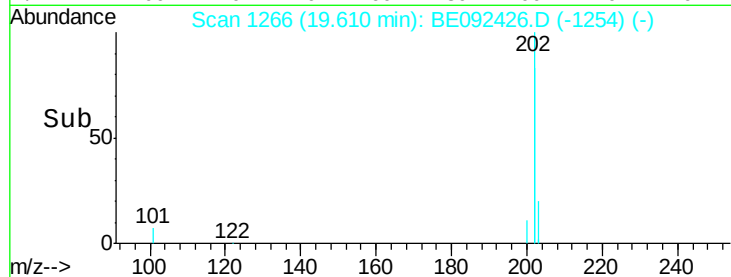
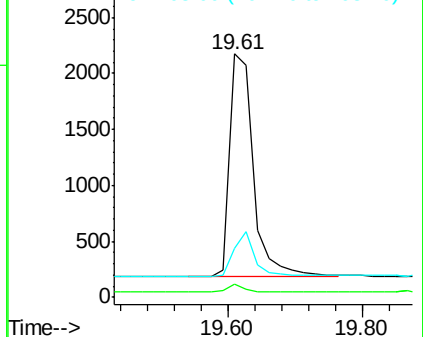
ClientSampleId :

LOD-SOIL2016-01-QT4

Tgt Ion:	202	Resp:	4907
Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

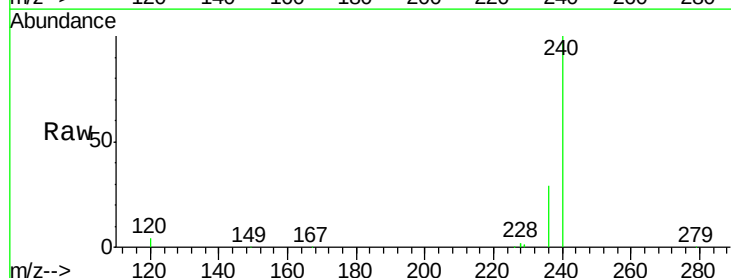
RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

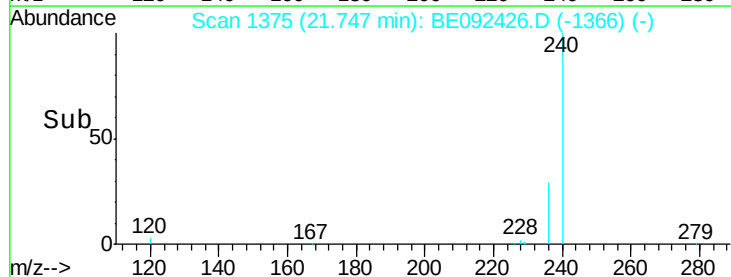
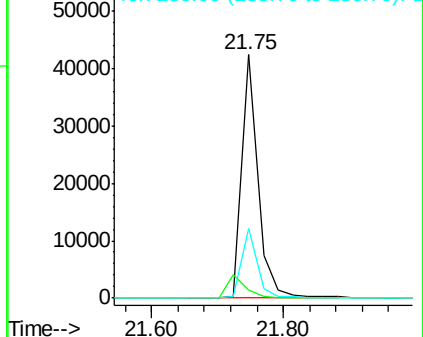
Lab File: BE092426.D

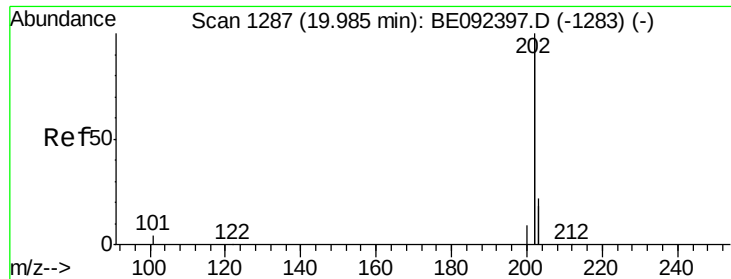
Acq: 26 Sep 2016 15:07

Tgt Ion:	240	Resp:	71791
Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.6	4.0
236	28.7	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

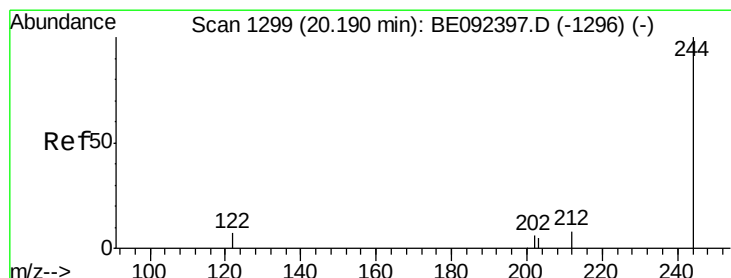
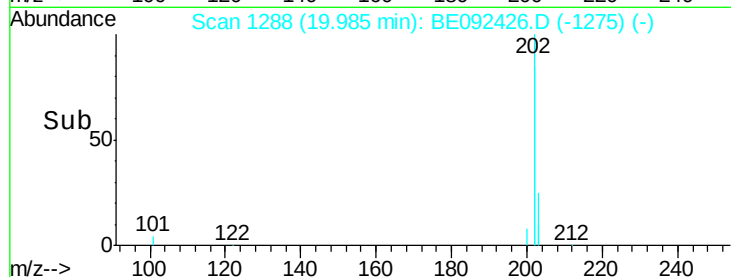
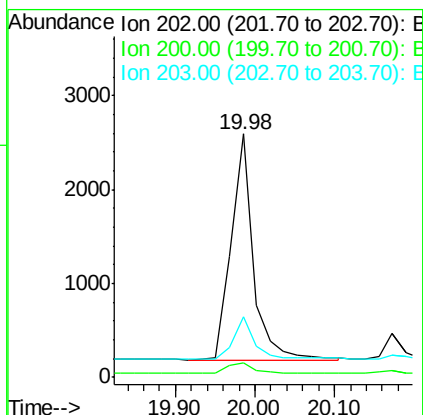
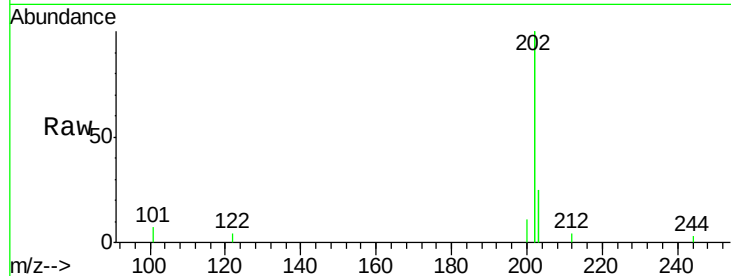




#25
 Pyrene
 Concen: 0.07 ng
 RT: 19.98 min Scan# 1288
 Delta R.T. 0.02 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

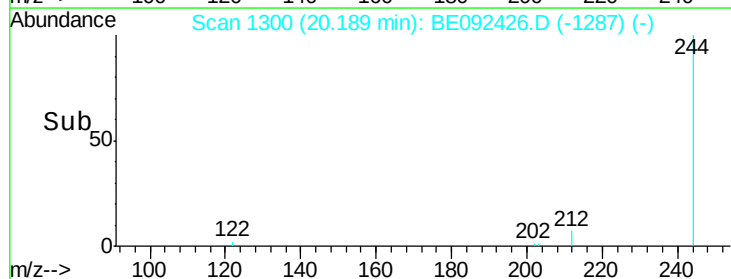
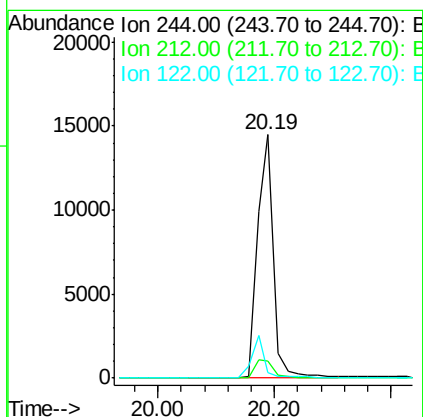
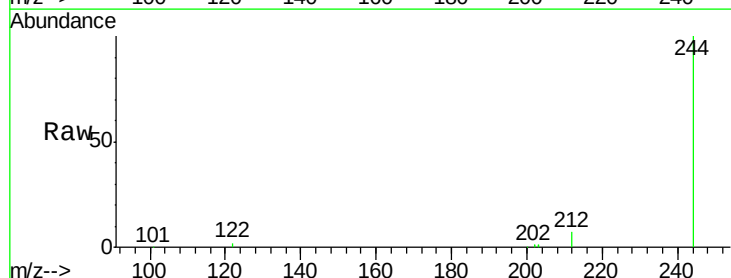
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01-QT4

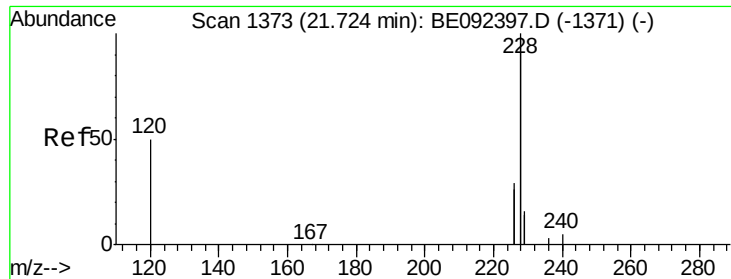
Tgt Ion: 202 Resp: 4591
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 18.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.07 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

Tgt Ion: 244 Resp: 27384
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 2.5 3.6 5.4#

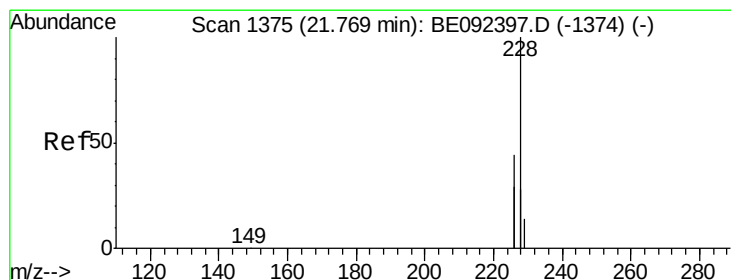
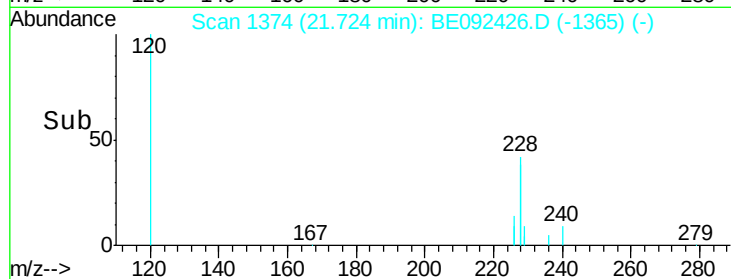
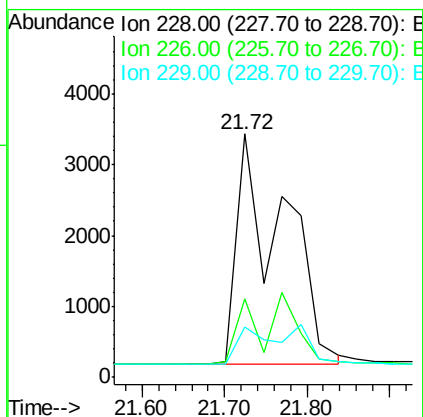
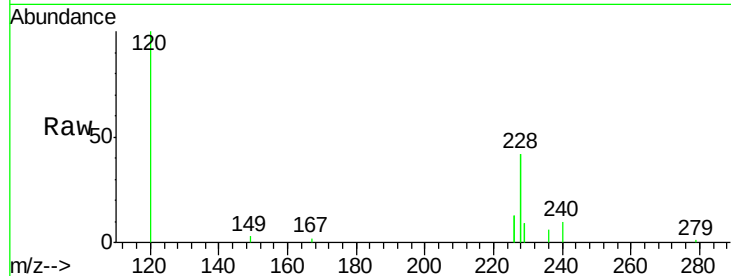




#27
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092426.D
Acq: 26 Sep 2016 15:07

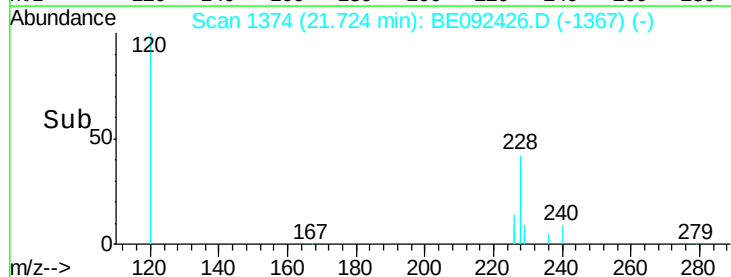
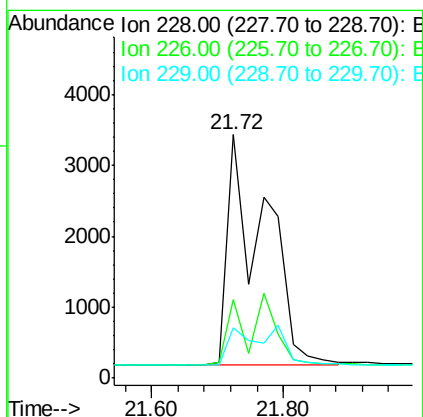
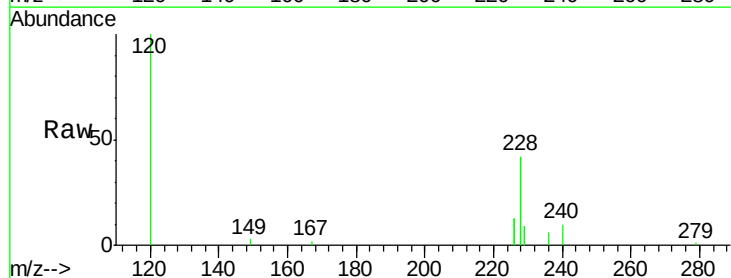
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01-QT4

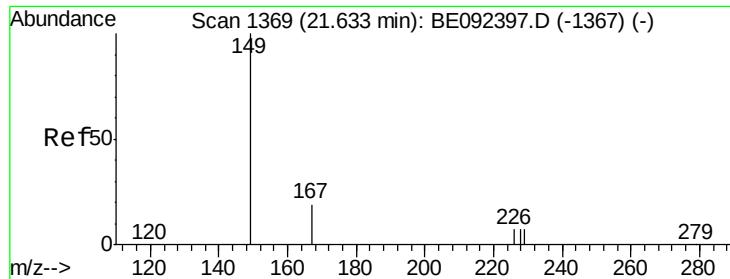
Tgt Ion:228 Resp: 12620
Ion Ratio Lower Upper
228 100
226 32.3 23.6 35.4
229 20.8 13.3 19.9#



#28
Chrysene
Concen: 0.20 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092426.D
Acq: 26 Sep 2016 15:07

Tgt Ion:228 Resp: 12775
Ion Ratio Lower Upper
228 100
226 32.3 36.3 54.5#
229 20.8 10.6 16.0#

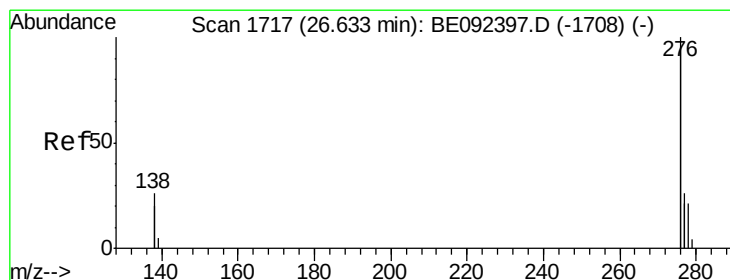
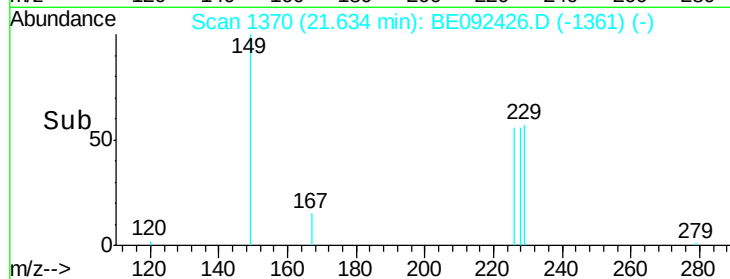
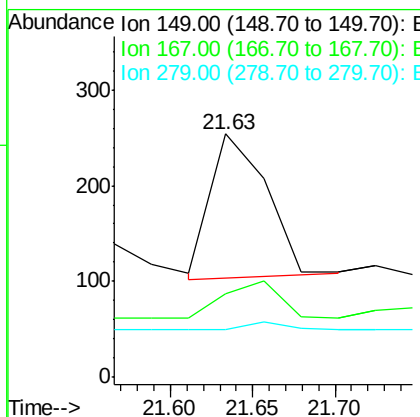
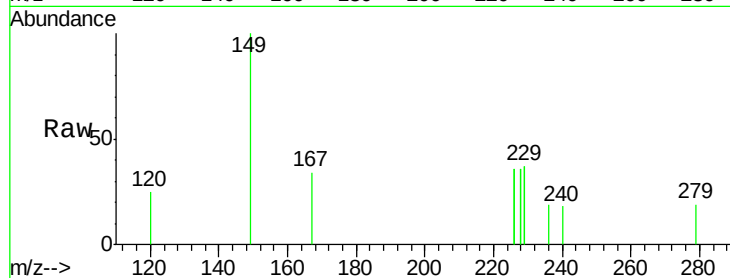




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

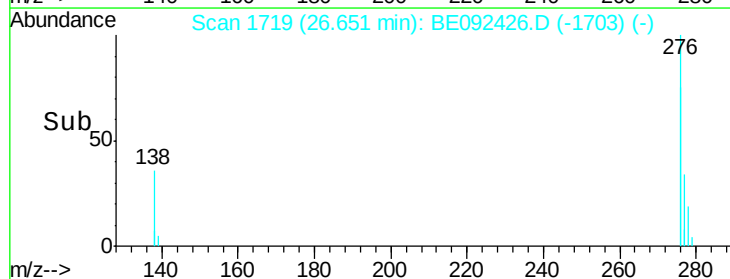
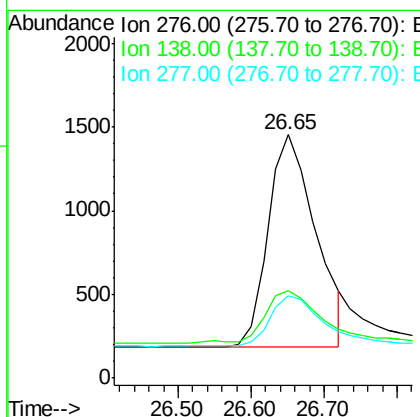
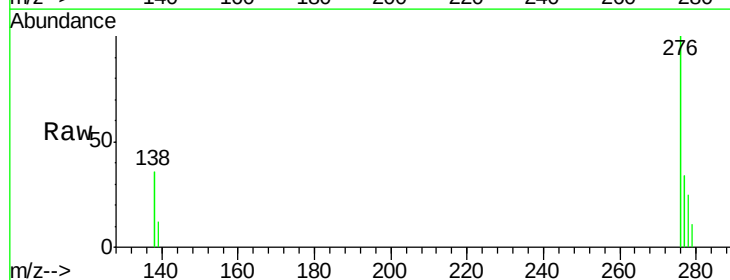
Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01-QT4

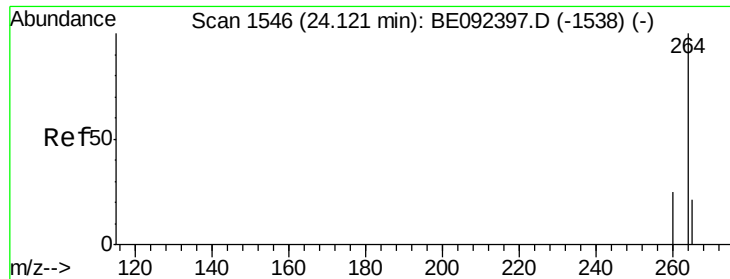
Tgt Ion: 149 Resp: 356
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 26.65 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BE092426.D
 Acq: 26 Sep 2016 15:07

Tgt Ion: 276 Resp: 5780
 Ion Ratio Lower Upper
 276 100
 138 27.0 20.3 30.5
 277 24.6 19.7 29.5





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

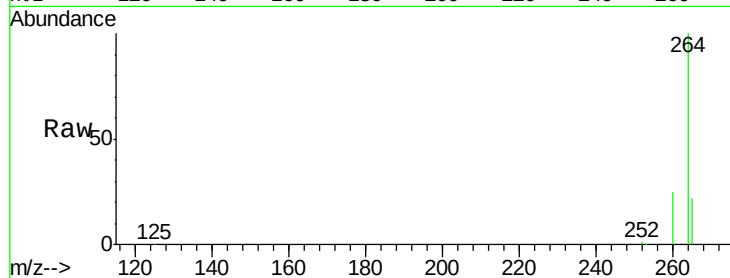
Tgt Ion:264 Resp: 70194

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

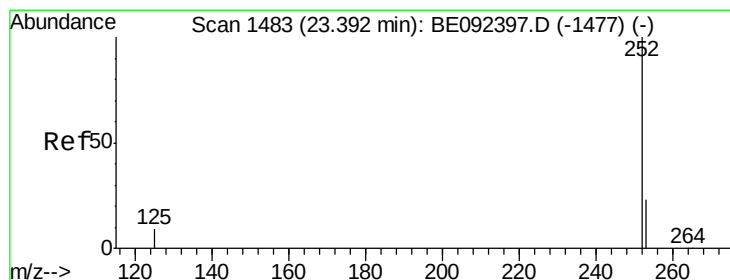
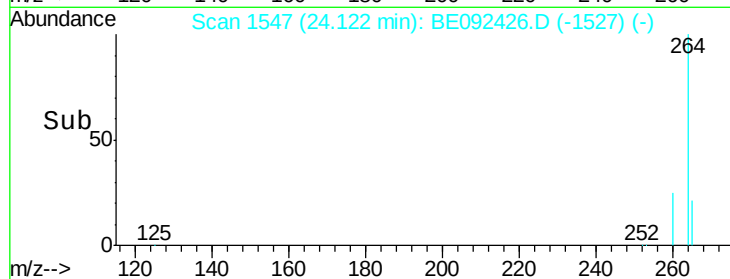
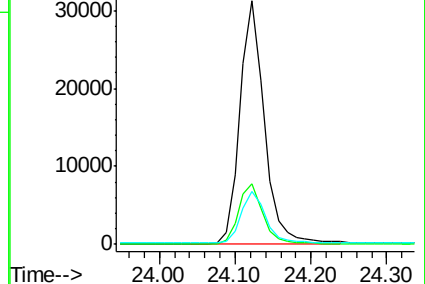
265 21.9 17.9 26.9



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: 0.09 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.04 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

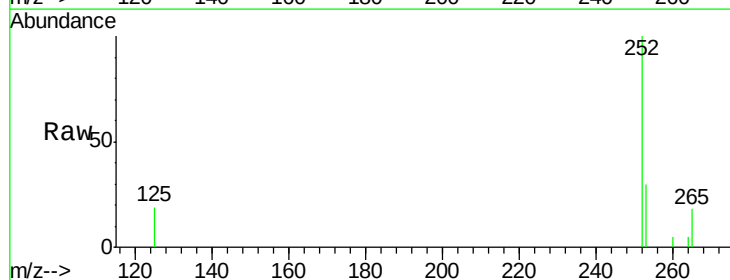
Tgt Ion:252 Resp: 1573

Ion Ratio Lower Upper

252 100

253 30.3 18.7 28.1#

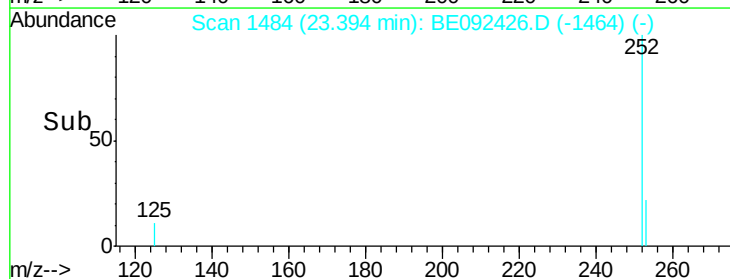
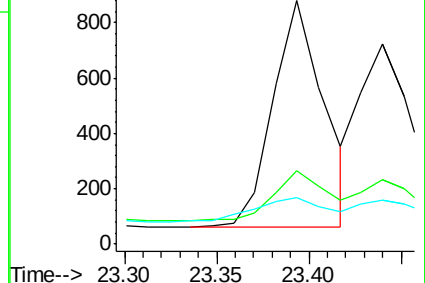
125 18.9 10.5 15.7#

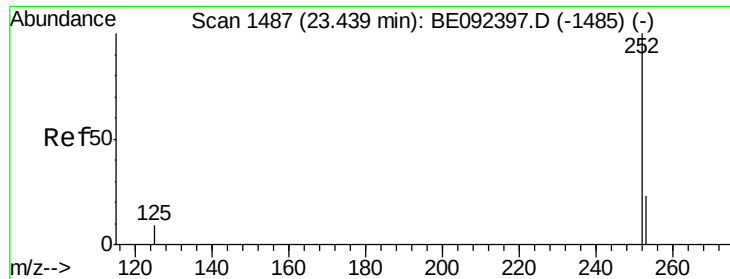


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.04 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

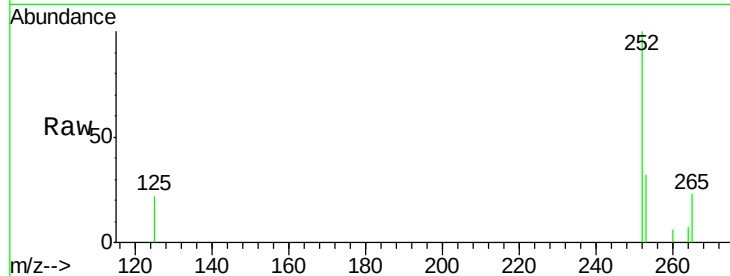
Tgt Ion: 252 Resp: 1506

Ion Ratio Lower Upper

252 100

253 32.5 20.3 30.5#

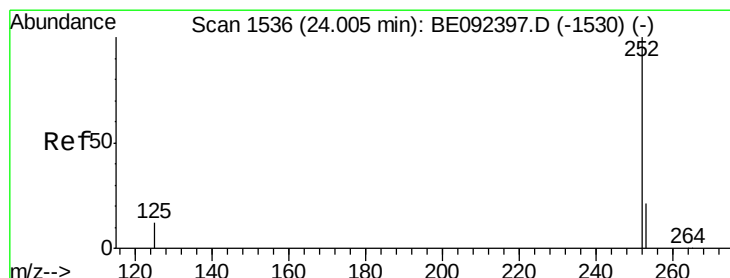
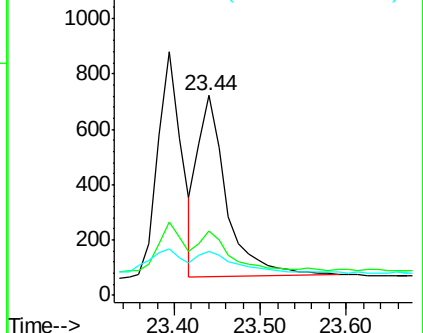
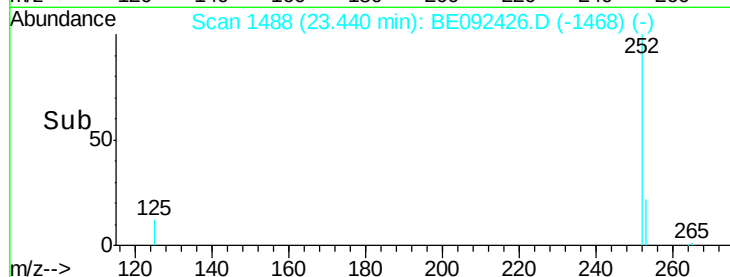
125 22.1 9.6 14.4#



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: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

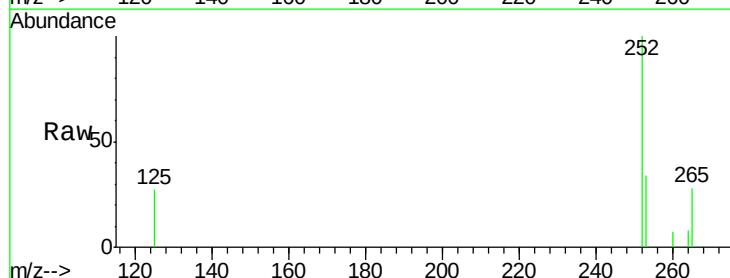
Tgt Ion: 252 Resp: 1414

Ion Ratio Lower Upper

252 100

253 34.0 19.0 28.6#

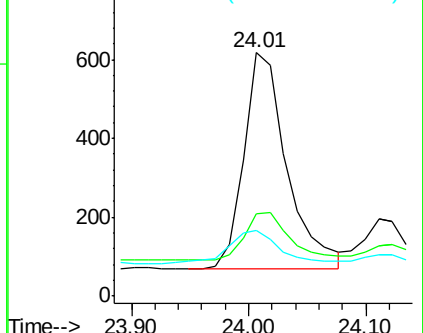
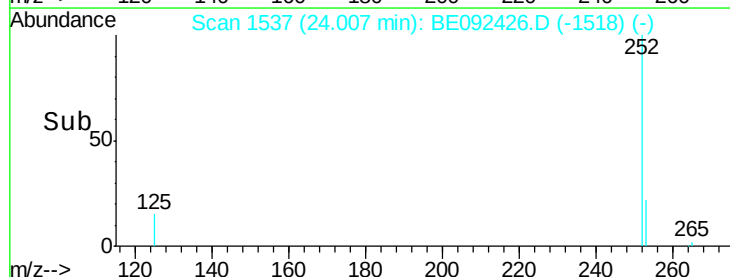
125 26.9 11.8 17.8#

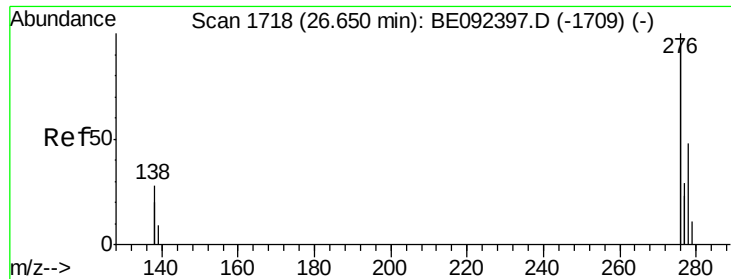


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.68 min Scan# 1721

Delta R.T. 0.09 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01-QT4

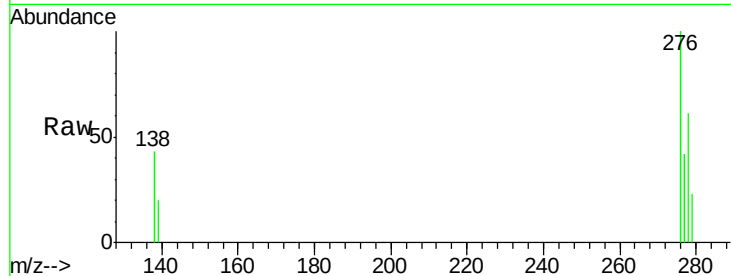
Tgt Ion: 278 Resp: 1175

Ion Ratio Lower Upper

278 100

139 33.0 13.8 20.8#

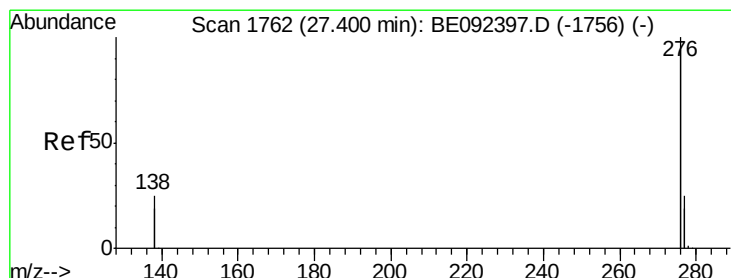
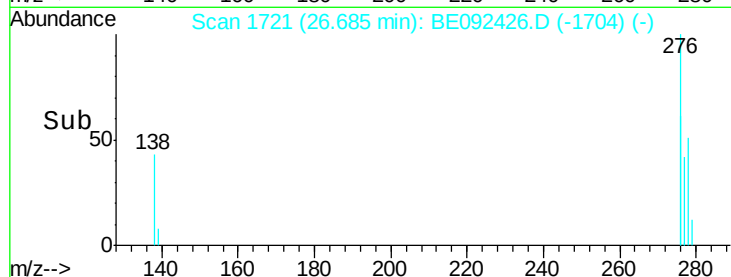
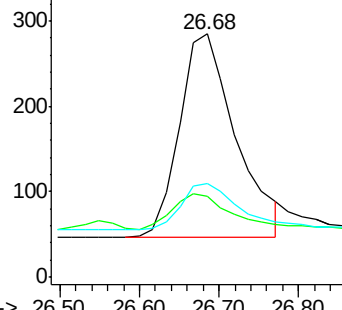
279 38.2 21.4 32.2#



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: 0.09 ng

RT: 27.42 min Scan# 1764

Delta R.T. 0.07 min

Lab File: BE092426.D

Acq: 26 Sep 2016 15:07

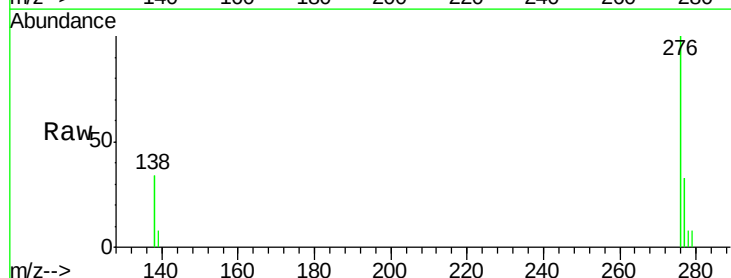
Tgt Ion: 276 Resp: 6005

Ion Ratio Lower Upper

276 100

277 33.1 19.8 29.8#

138 34.3 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

