

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
 Data File : BE089939.D
 Acq On : 24 Jun 2015 19:02
 Operator : TP/IZ
 Sample : G2653-04
 Misc : LOQ-SIM-SOIL-0.2PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Jun 25 03:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:27:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	31831	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	148322	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	92429	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	221990	5.00	ng	0.00
25) Chrysene-d12	21.14	240	234602	5.00	ng	0.00
32) Perylene-d12	23.47	264	202049	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	57670	10.04	ng	0.00
5) Phenol-d6	6.81	99	90229	10.25	ng	0.00
7) Nitrobenzene-d5	8.77	82	73834	6.69	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	10076	6.25	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	178092	6.61	ng	0.00
27) Terphenyl-d14	19.60	244	277880	6.86	ng	0.00

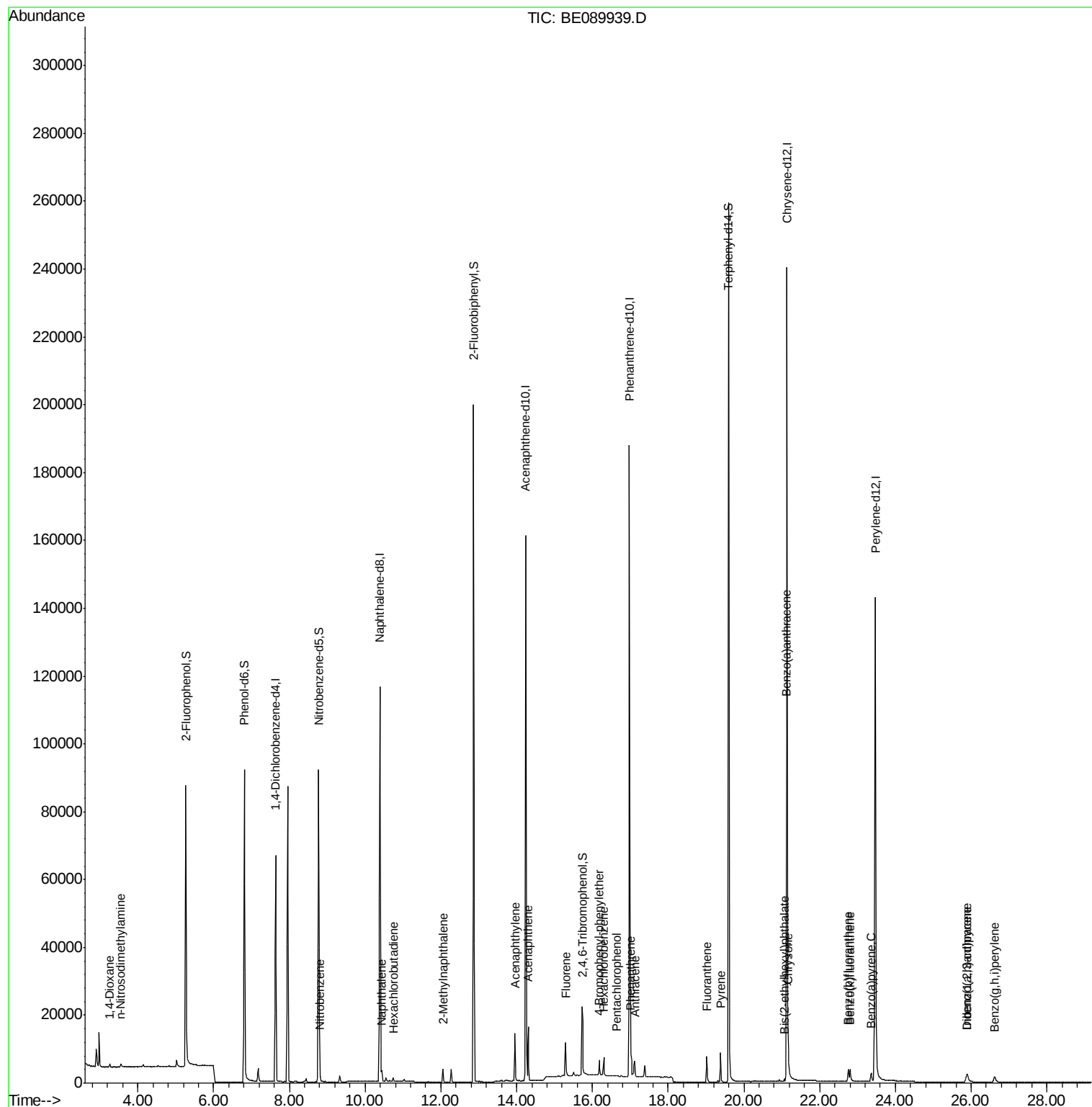
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	498	0.11	ng	95
3) n-Nitrosodimethylamine	3.55	42	600	0.10	ng	# 93
8) Nitrobenzene	8.81	77	1507	0.13	ng	97
9) Naphthalene	10.44	128	4067	0.12	ng	96
10) Hexachlorobutadiene	10.74	225	652	0.12	ng	98
11) 2-Methylnaphthalene	12.05	142	2707	0.12	ng	98
15) Acenaphthylene	13.95	152	18383	0.11	ng	99
16) Acenaphthene	14.30	154	2854	0.12	ng	98
17) Fluorene	15.29	166	4109	0.13	ng	97
19) 4-Bromophenyl-phenylether	16.18	248	1083	0.12	ng	96
20) Hexachlorobenzene	16.30	284	4897	0.12	ng	97
21) Pentachlorophenol	16.63	266	139	0.42	ng	# 87
22) Phenanthrene	17.01	178	6935	0.12	ng	97
23) Anthracene	17.12	178	6087	0.12	ng	99
24) Fluoranthene	19.02	202	6914	0.11	ng	100
26) Pyrene	19.39	202	7449	0.13	ng	99
28) Benzo(a)anthracene	21.12	228	7221	0.13	ng	99
29) Chrysene	21.17	228	7574	0.12	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	697	0.15	ng	# 96
31) Indeno(1,2,3-cd)pyrene	25.88	276	4277	0.09	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	4733	0.11	ng	# 95
34) Benzo(k)fluoranthene	22.80	252	5770	0.12	ng	# 94
35) Benzo(a)pyrene	23.36	252	4198	0.11	ng	# 91
36) Dibenzo(a,h)anthracene	25.90	278	3418	0.10	ng	# 89
37) Benzo(g,h,i)perylene	26.62	276	4118	0.11	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.64 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

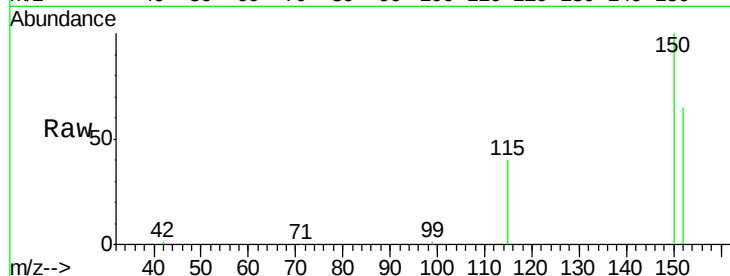
Tgt Ion:152 Resp: 31831

Ion Ratio Lower Upper

152 100

150 153.1 124.6 186.8

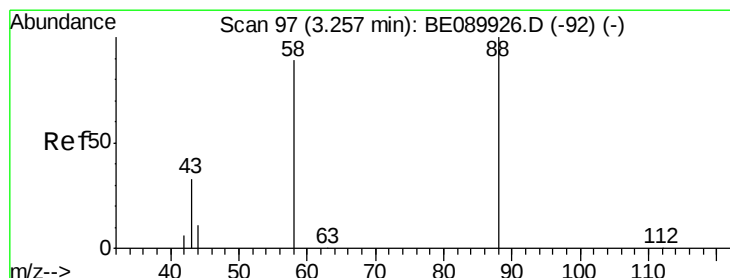
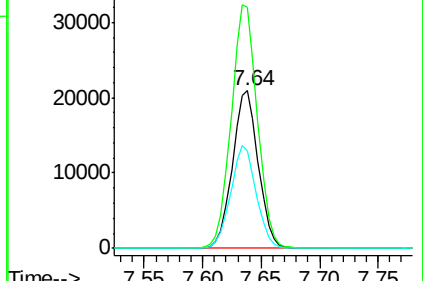
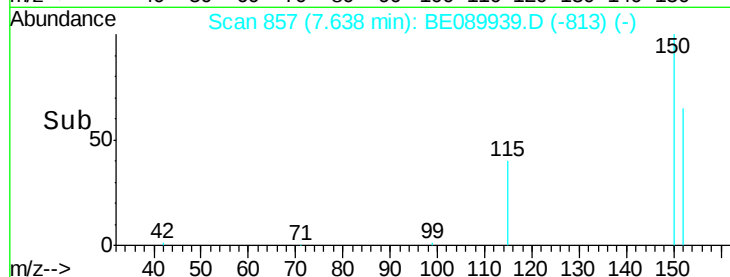
115 61.6 51.6 77.4



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: 0.11 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

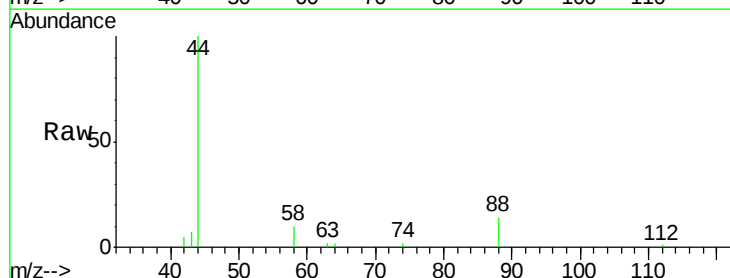
Tgt Ion: 88 Resp: 498

Ion Ratio Lower Upper

88 100

58 84.1 70.8 106.2

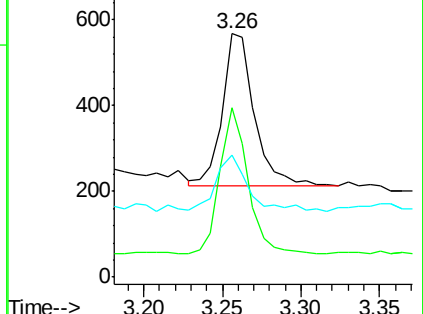
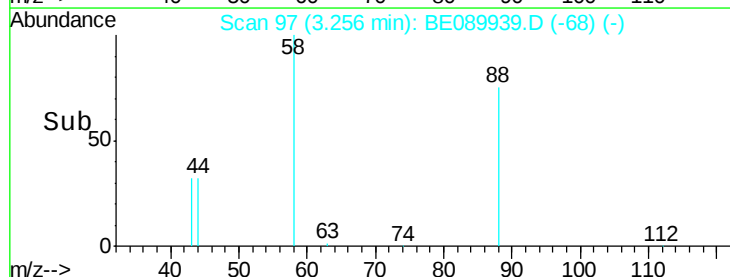
43 37.6 26.8 40.2

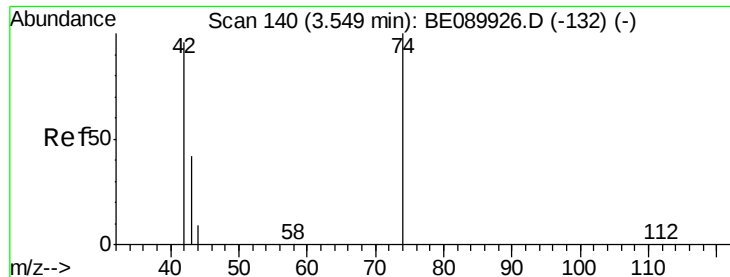


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



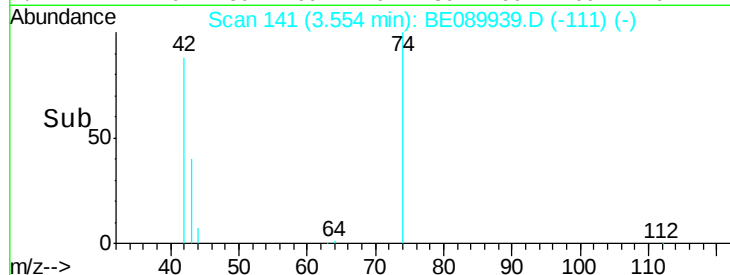
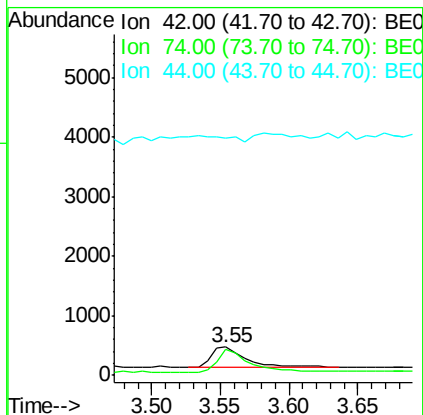
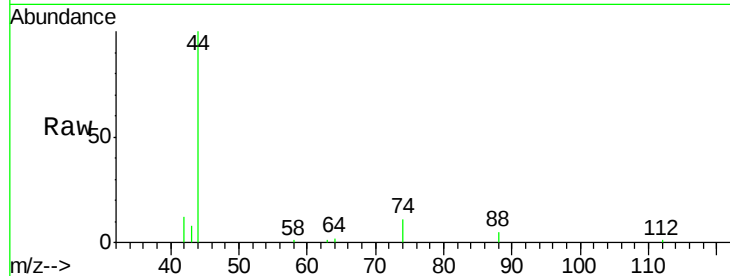


#3

n-Nitrosodimethylamine
 Concen: 0.10 ng
 RT: 3.55 min Scan# 141
 Delta R.T. 0.01 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Instrument :
 BNA_E
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 LOQ-SOIL2015-02

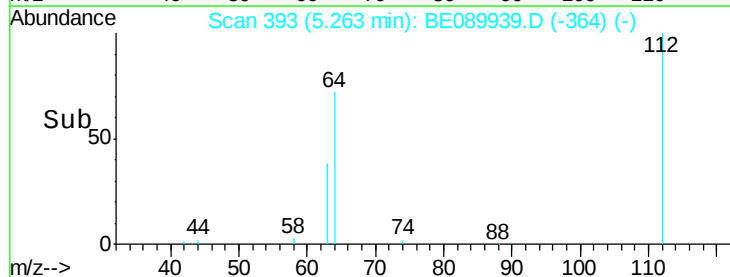
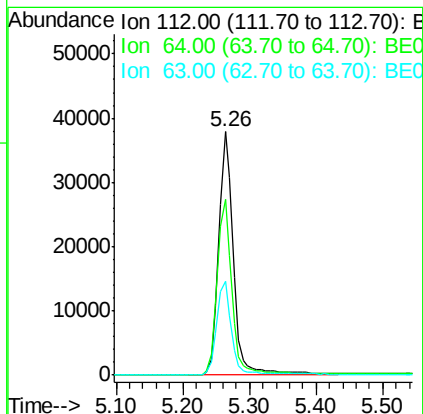
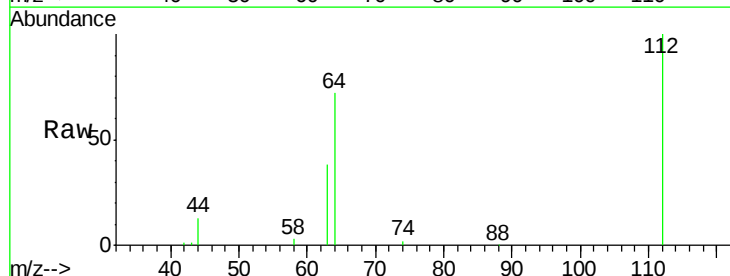
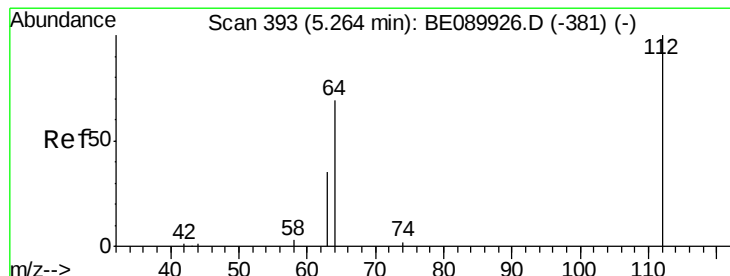
Tgt Ion: 42 Resp: 600
 Ion Ratio Lower Upper
 42 100
 74 101.2 85.4 128.2
 44 0.0 8.4 12.6#

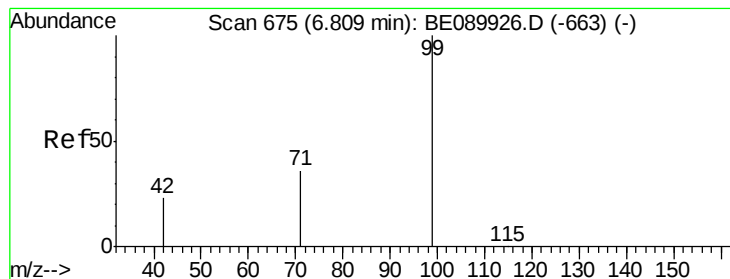


#4

2-Fluorophenol
 Concen: 10.04 ng
 RT: 5.26 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Tgt Ion: 112 Resp: 57670
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.4 86.2
 63 39.3 31.2 46.8





#5

Phenol-d6

Concen: 10.25 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

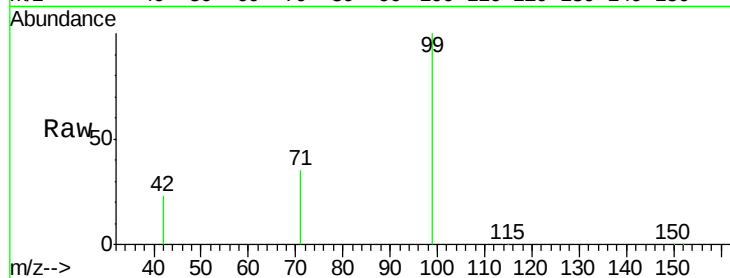
Tgt Ion: 99 Resp: 90229

Ion Ratio Lower Upper

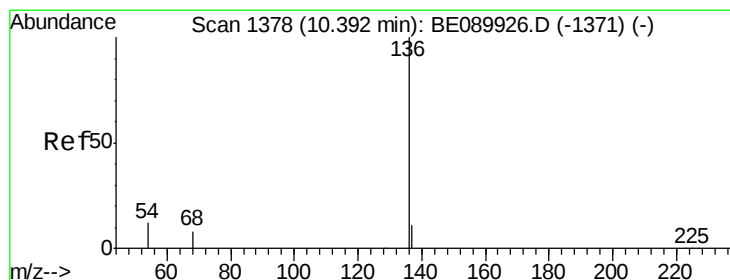
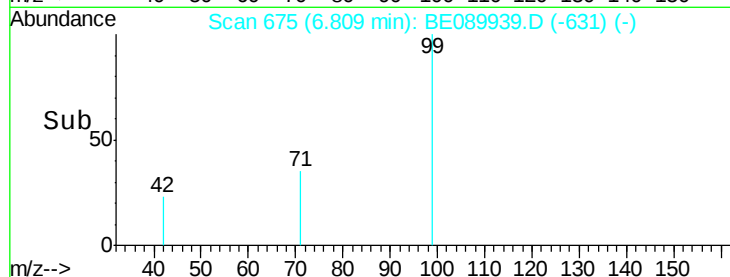
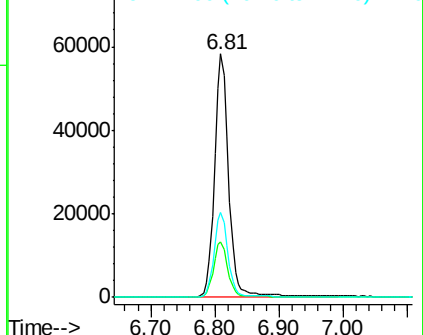
99 100

42 23.0 19.5 29.3

71 35.1 27.8 41.6



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Tgt Ion: 136 Resp: 148322

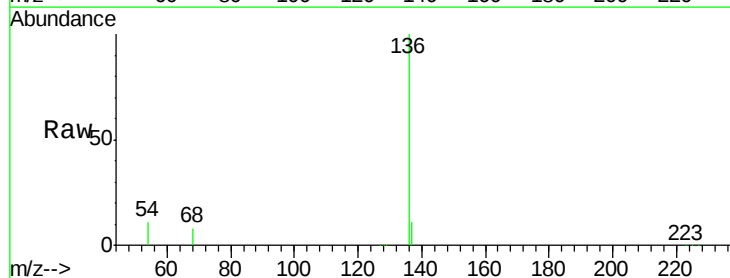
Ion Ratio Lower Upper

136 100

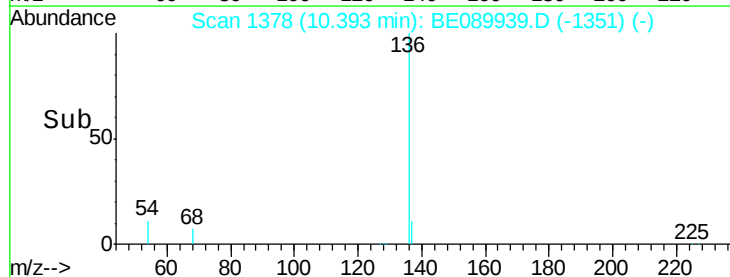
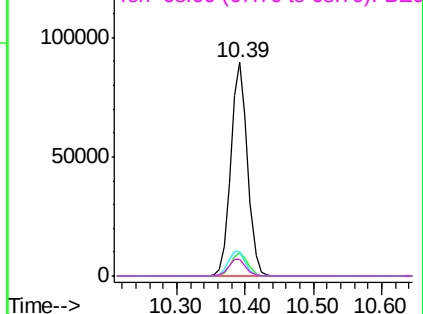
137 11.0 8.7 13.1

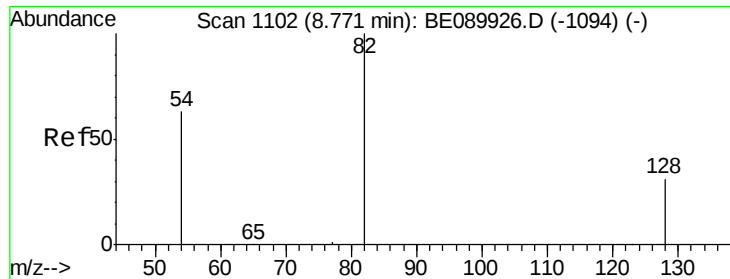
54 11.4 9.7 14.5

68 7.6 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 6.69 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

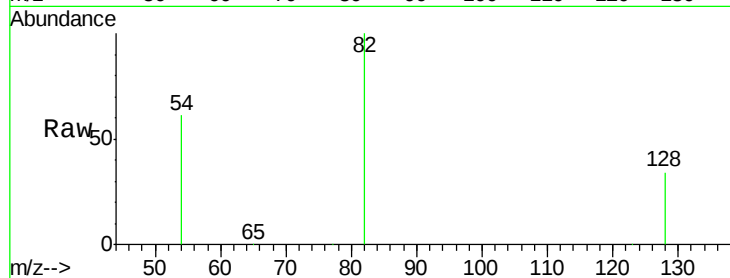
Tgt Ion: 82 Resp: 73834

Ion Ratio Lower Upper

82 100

128 33.6 25.6 38.4

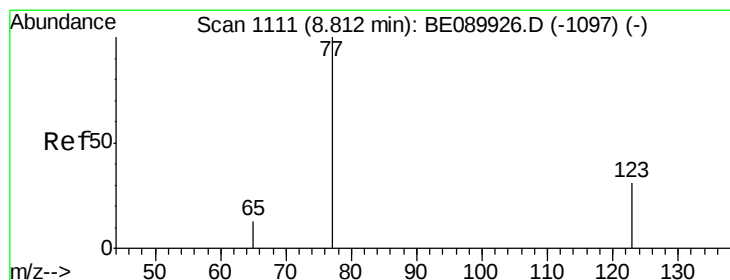
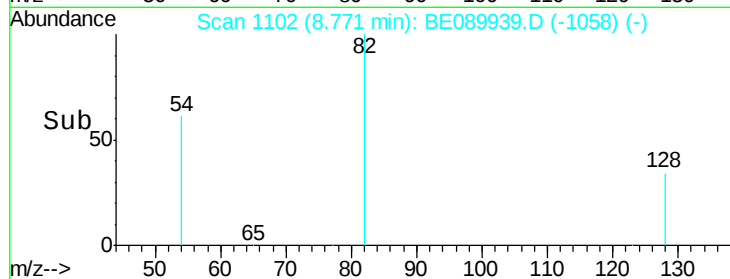
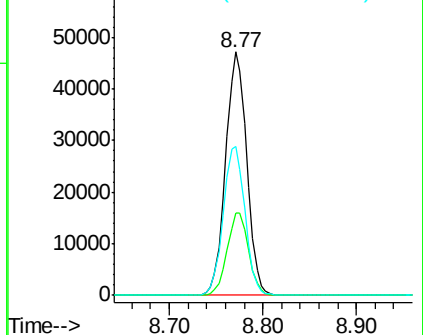
54 61.4 51.2 76.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.13 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

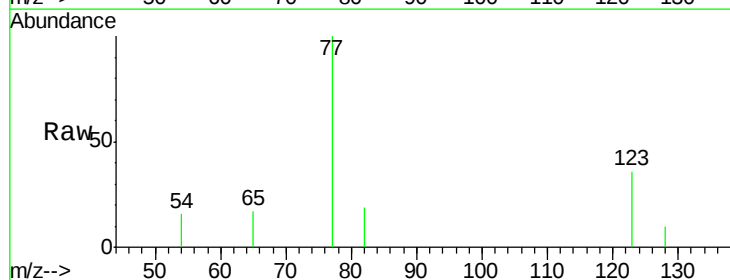
Tgt Ion: 77 Resp: 1507

Ion Ratio Lower Upper

77 100

123 34.9 26.6 39.8

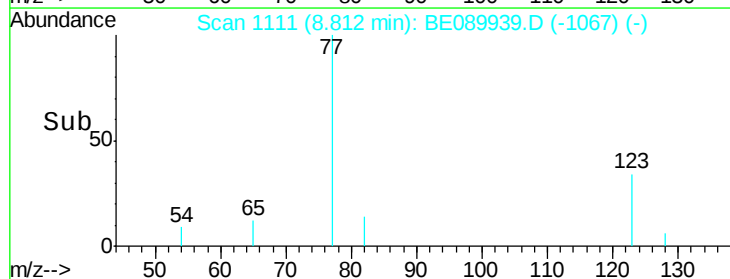
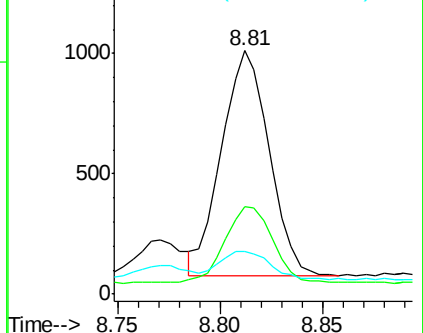
65 13.5 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

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LOQ-SOIL2015-02

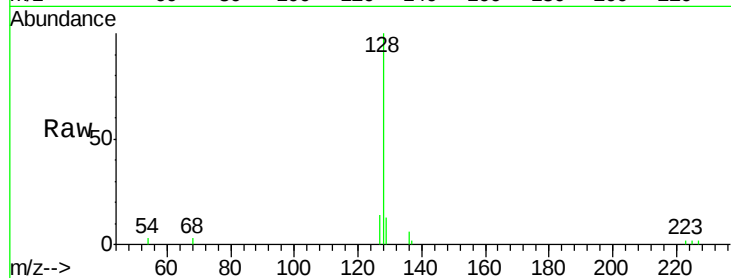
Tgt Ion:128 Resp: 4067

Ion Ratio Lower Upper

128 100

129 12.8 8.9 13.3

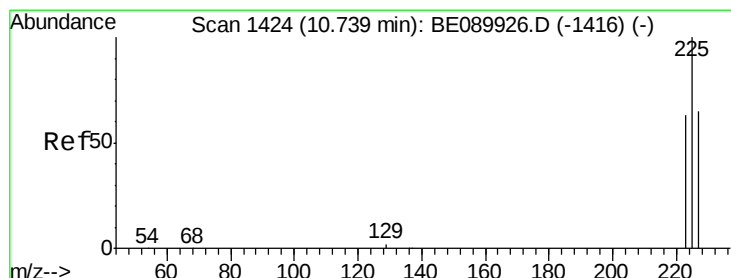
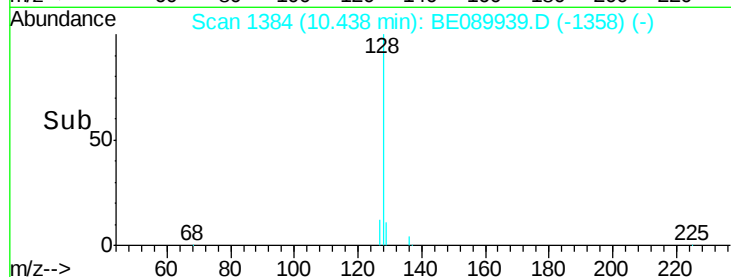
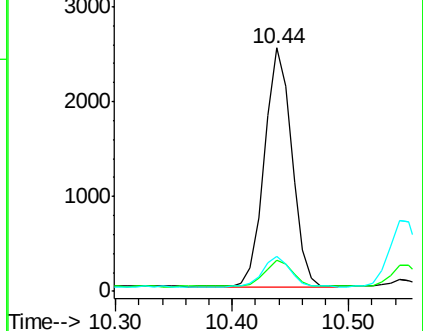
127 14.2 10.2 15.4



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: 0.12 ng

RT: 10.74 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

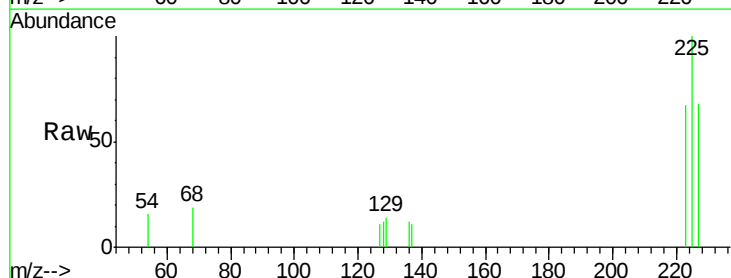
Tgt Ion:225 Resp: 652

Ion Ratio Lower Upper

225 100

223 60.9 50.0 75.0

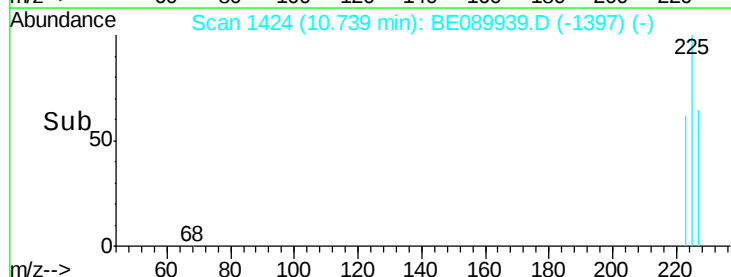
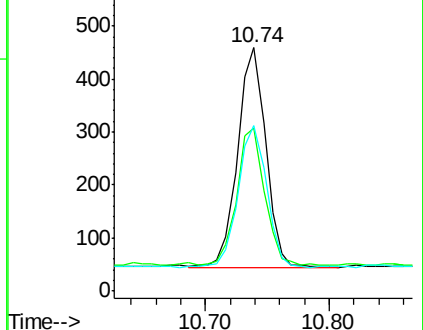
227 65.0 50.7 76.1



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

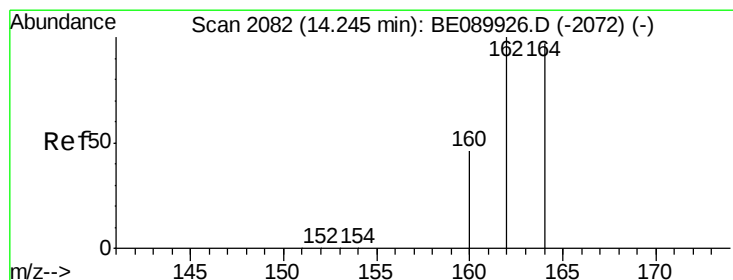
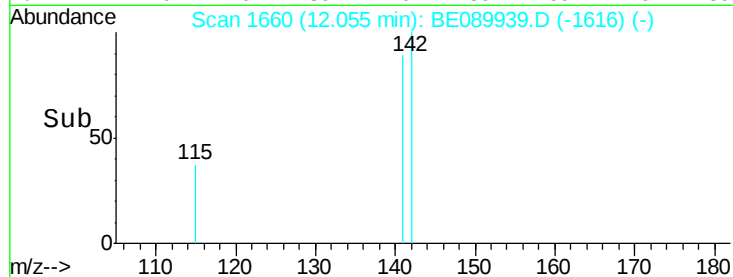
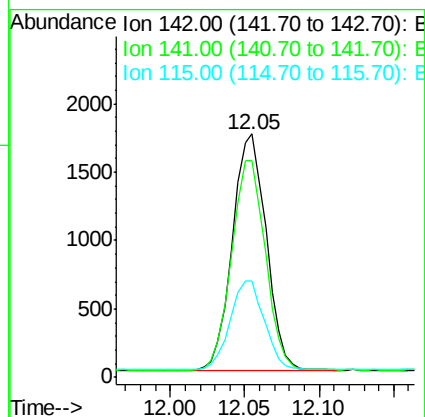
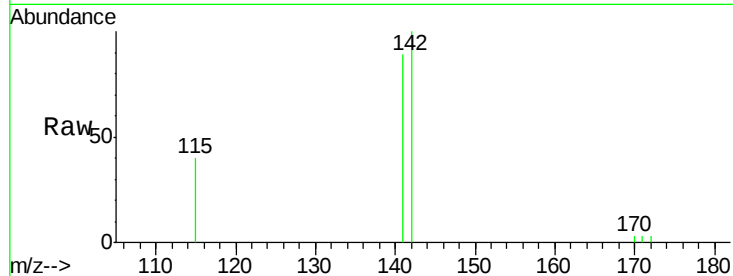




#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089939.D
Acq: 24 Jun 2015 19:02

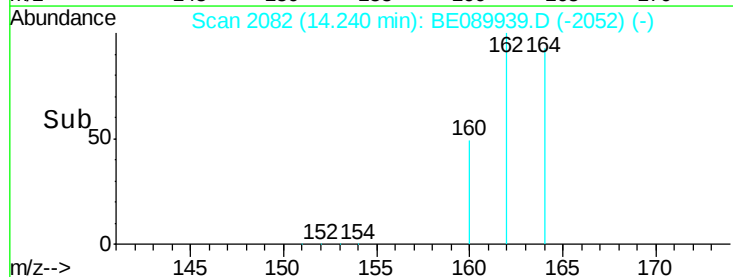
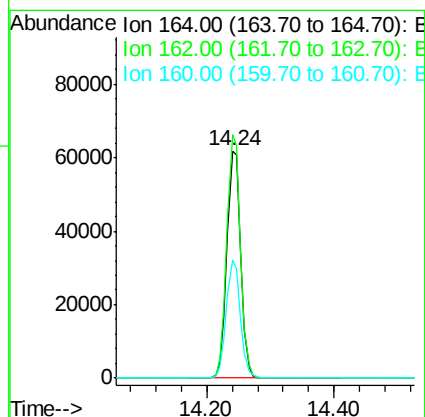
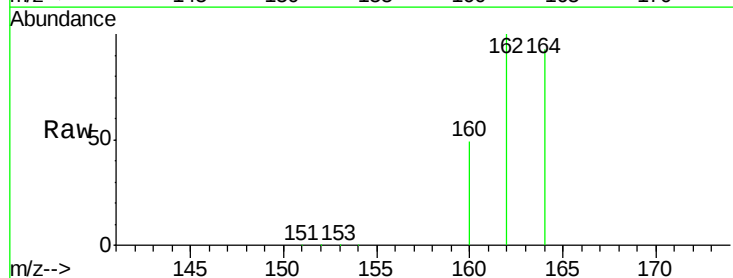
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:142 Resp: 2707
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
115 39.6 29.1 43.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BE089939.D
Acq: 24 Jun 2015 19:02

Tgt Ion:164 Resp: 92429
Ion Ratio Lower Upper
164 100
162 107.1 82.7 124.1
160 52.2 38.3 57.5

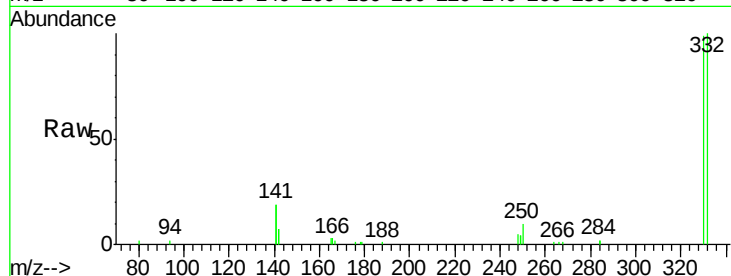




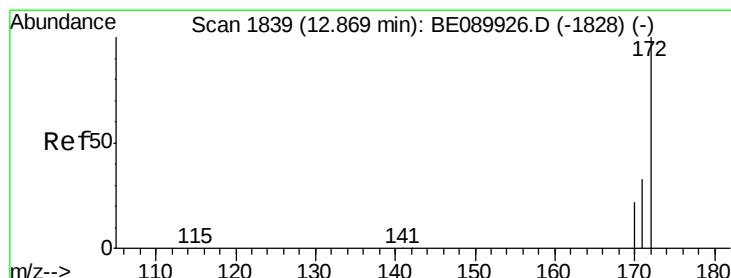
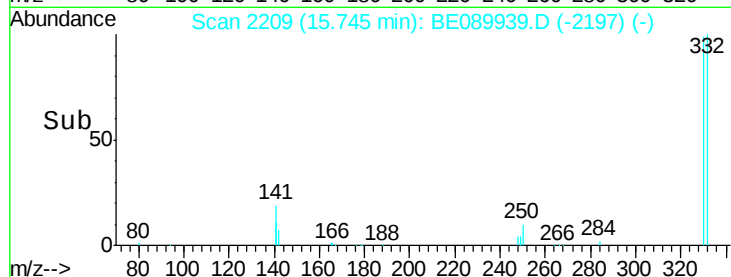
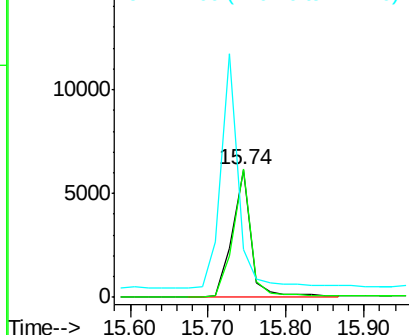
#13
 2,4,6-Tribromophenol
 Concen: 6.25 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:330 Resp: 10076
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.9 116.9
 141 175.3 142.8 214.2

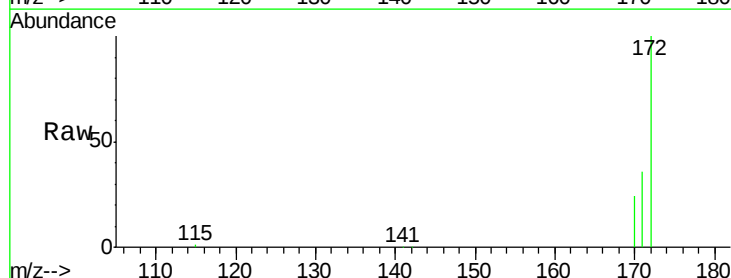


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

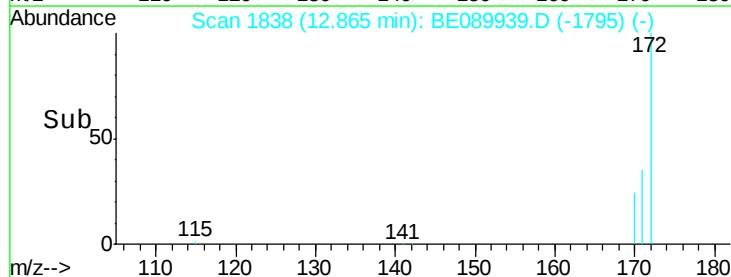
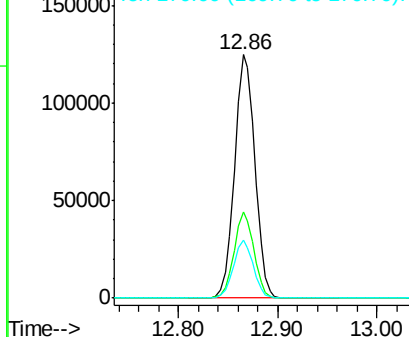


#14
 2-Fluorobiphenyl
 Concen: 6.61 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Tgt Ion:172 Resp: 178092
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.7 40.1
 170 24.0 17.5 26.3



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: 0.11 ng

RT: 13.95 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

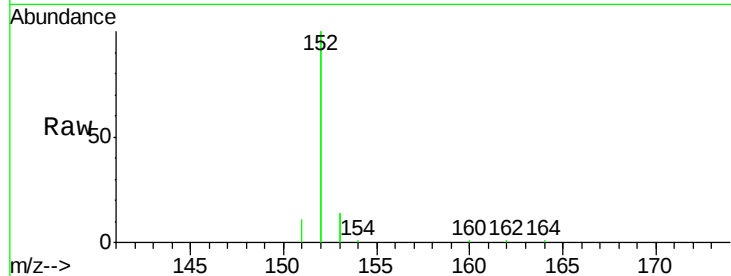
Tgt Ion:152 Resp: 18383

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.3 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

13.95

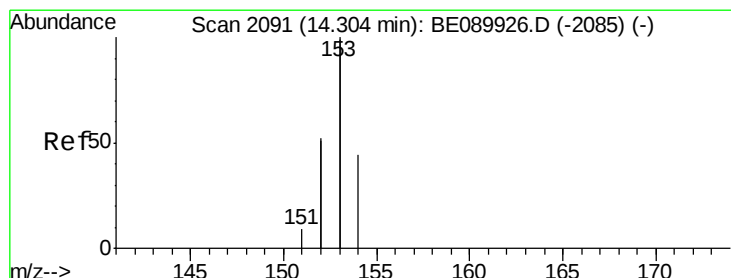
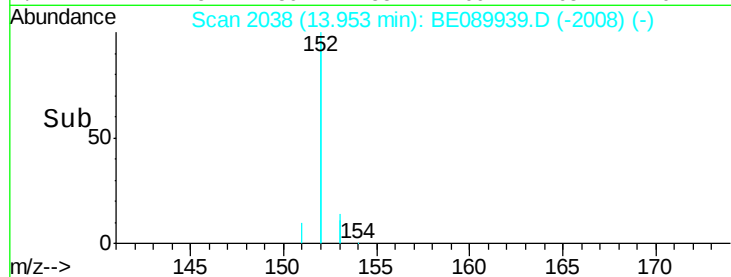
10000

5000

0

Time-->

13.90 14.00 14.10



#16

Acenaphthene

Concen: 0.12 ng

RT: 14.30 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

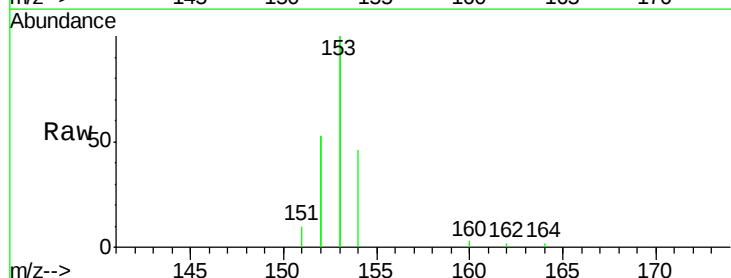
Tgt Ion:154 Resp: 2854

Ion Ratio Lower Upper

154 100

153 452.8 362.8 544.2

152 253.5 194.6 291.8



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

14.30

12000

10000

8000

6000

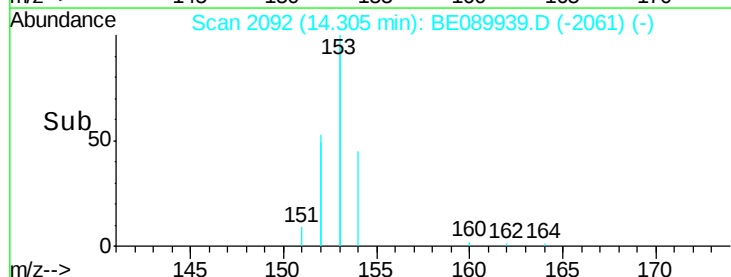
4000

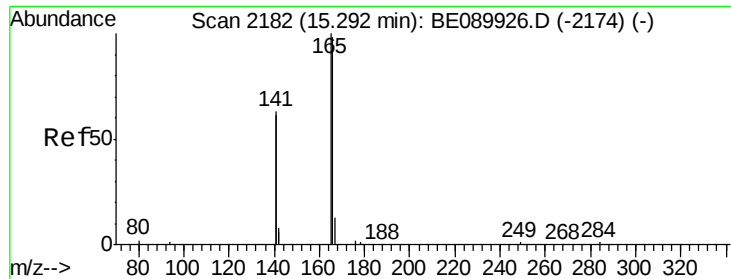
2000

0

Time-->

14.25 14.30 14.35

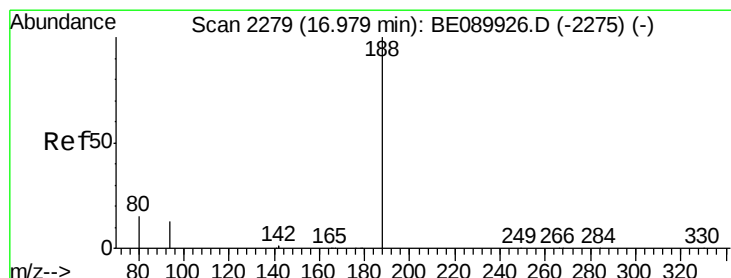
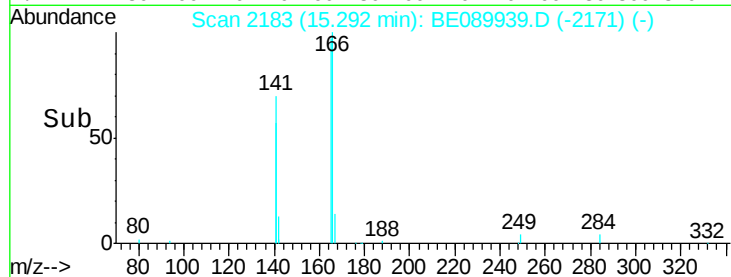
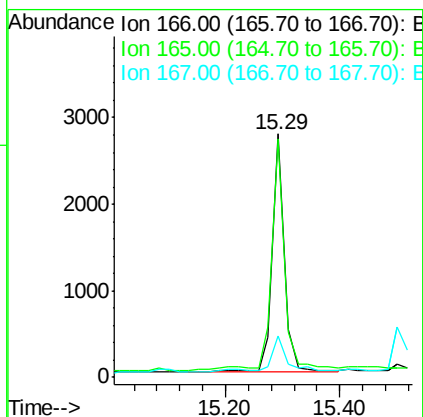
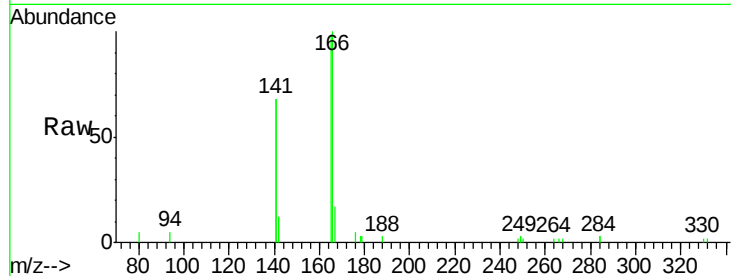




#17
Fluorene
 Concen: 0.13 ng
 RT: 15.29 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

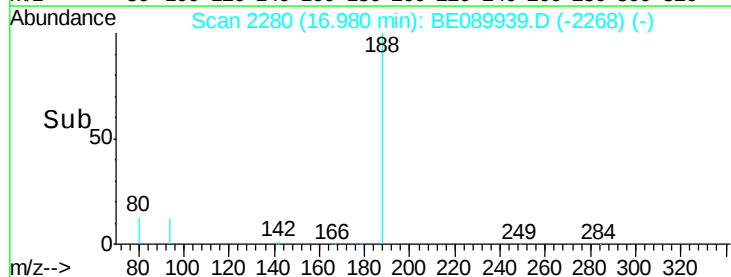
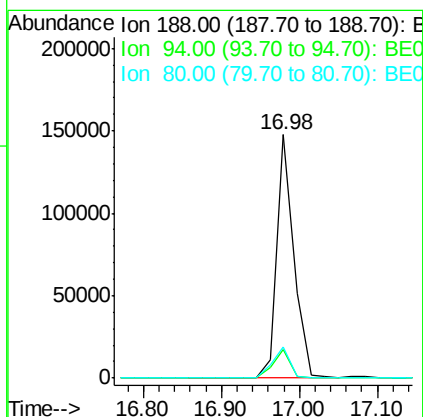
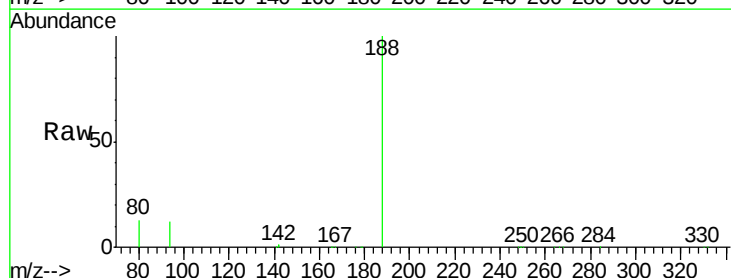
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:166 Resp: 4109
 Ion Ratio Lower Upper
 166 100
 165 104.0 81.1 121.7
 167 16.9 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Tgt Ion:188 Resp: 221990
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.6 16.0
 80 13.0 11.8 17.6

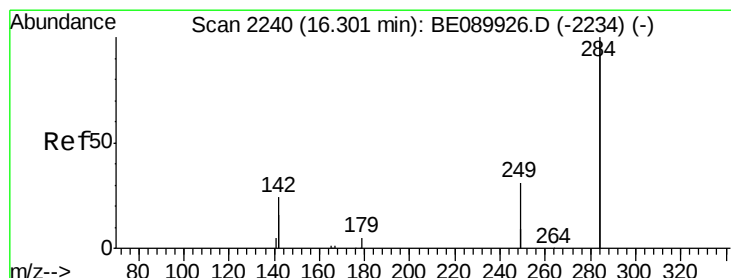
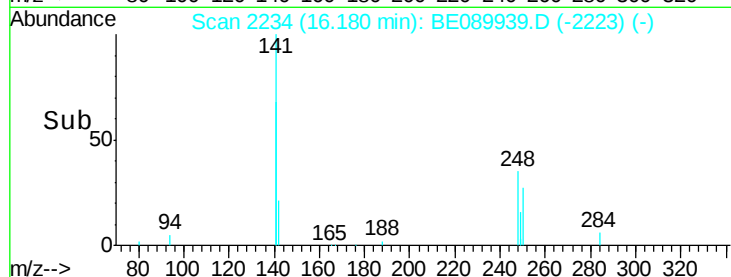
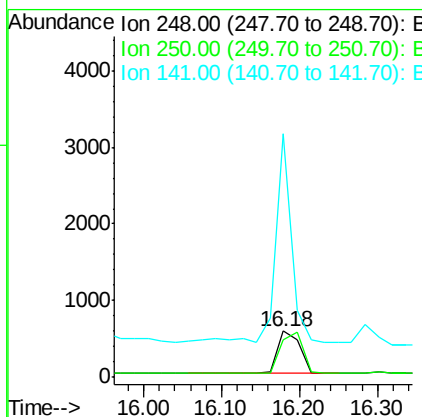
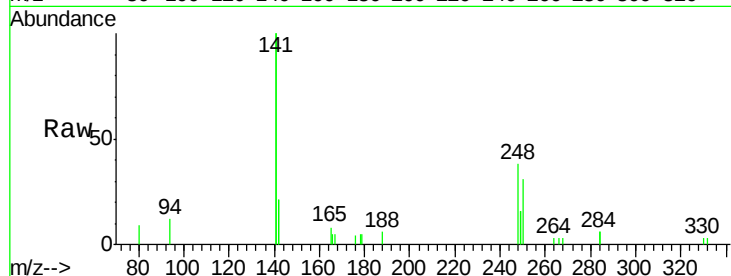




#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089939.D
Acq: 24 Jun 2015 19:02

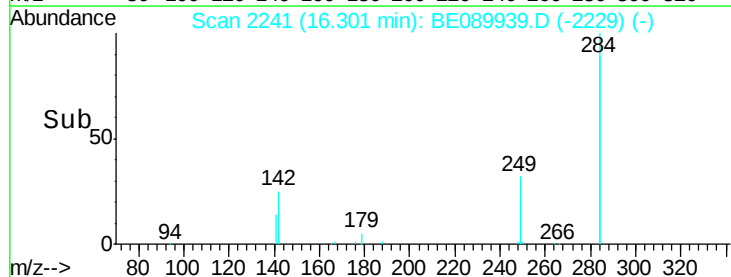
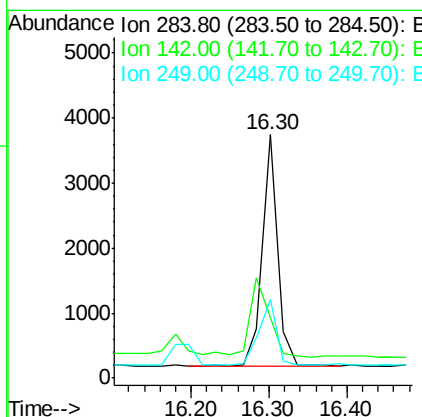
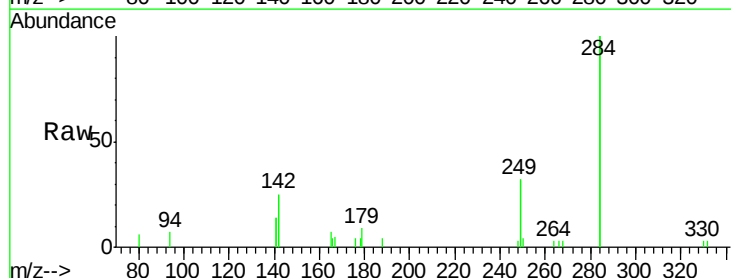
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

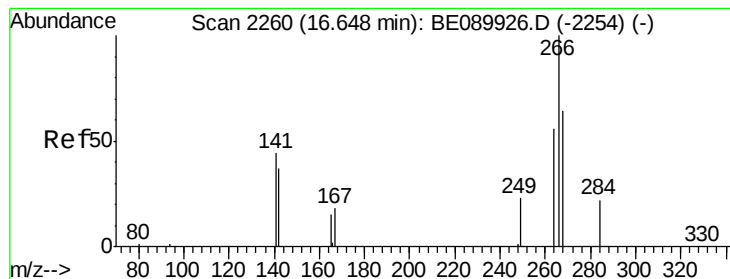
Tgt Ion:248 Resp: 1083
Ion Ratio Lower Upper
248 100
250 97.0 79.3 118.9
141 351.3 274.1 411.1



#20
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089939.D
Acq: 24 Jun 2015 19:02

Tgt Ion:284 Resp: 4897
Ion Ratio Lower Upper
284 100
142 42.3 32.0 48.0
249 32.3 25.0 37.6





#21

Pentachlorophenol

Concen: 0.42 ng

RT: 16.63 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

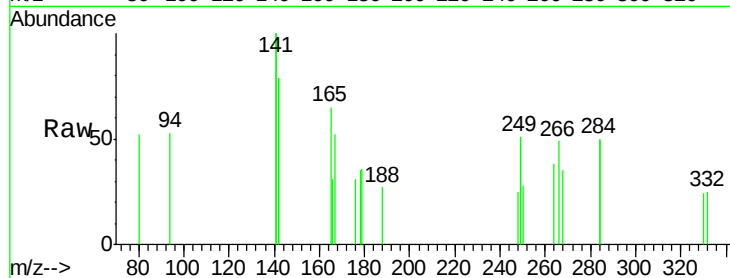
Tgt Ion:266 Resp: 139

Ion Ratio Lower Upper

266 100

268 71.6 54.4 81.6

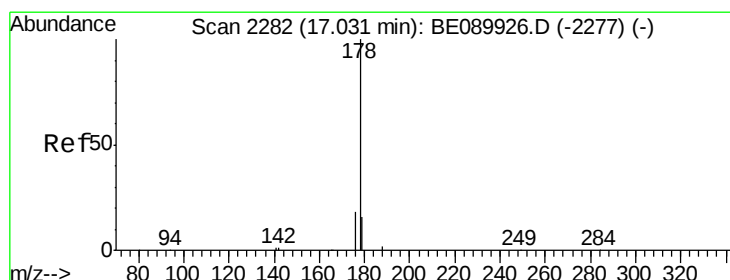
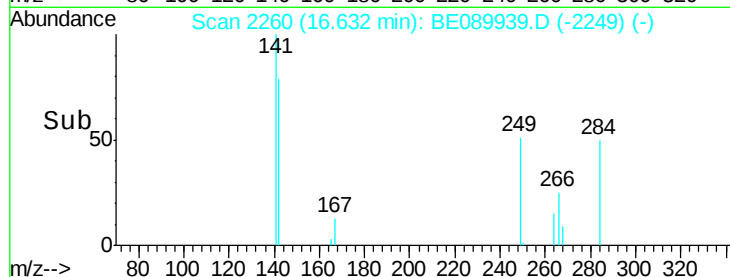
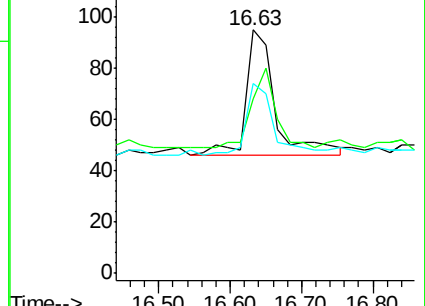
264 77.9 48.2 72.2#



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



#22

Phenanthrene

Concen: 0.12 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

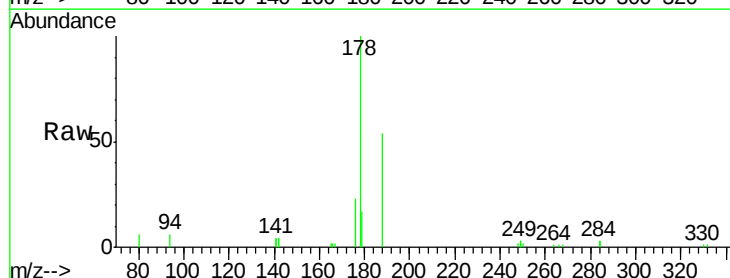
Tgt Ion:178 Resp: 6935

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

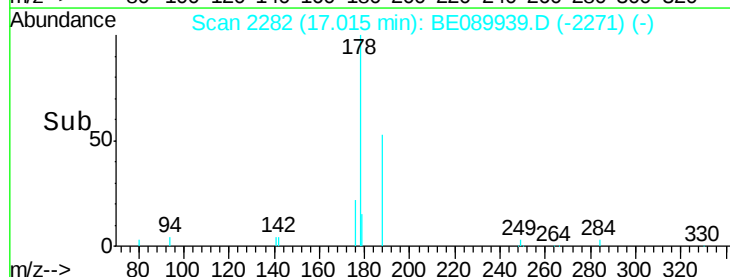
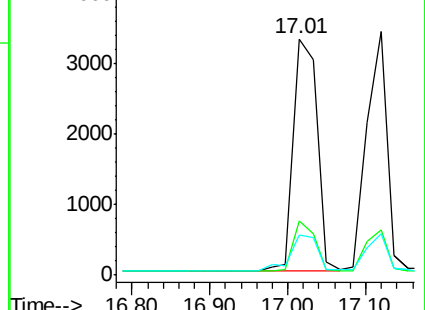
179 17.6 12.6 19.0



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





#23

Anthracene

Concen: 0.12 ng

RT: 17.12 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

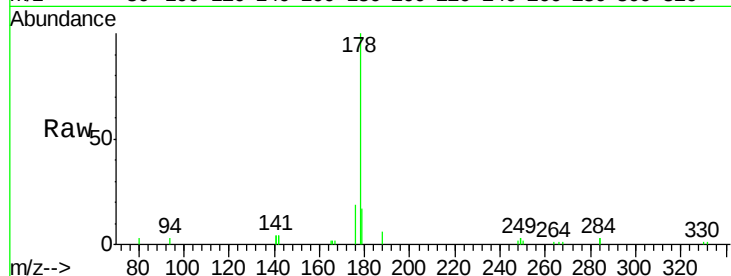
Tgt Ion:178 Resp: 6087

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

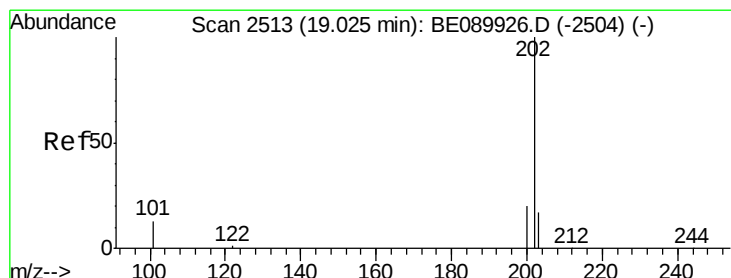
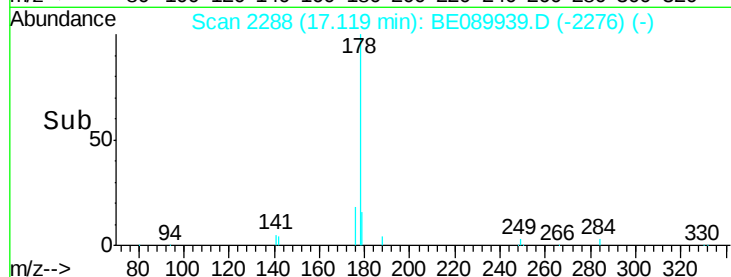
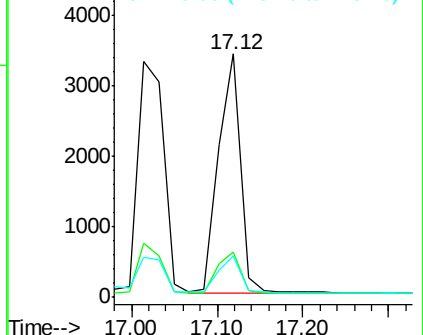
179 16.0 12.3 18.5



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



#24

Fluoranthene

Concen: 0.11 ng

RT: 19.02 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

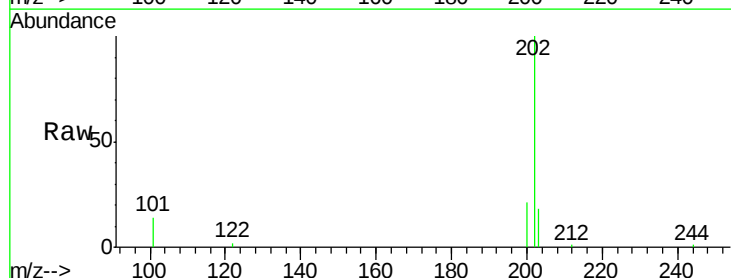
Tgt Ion:202 Resp: 6914

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

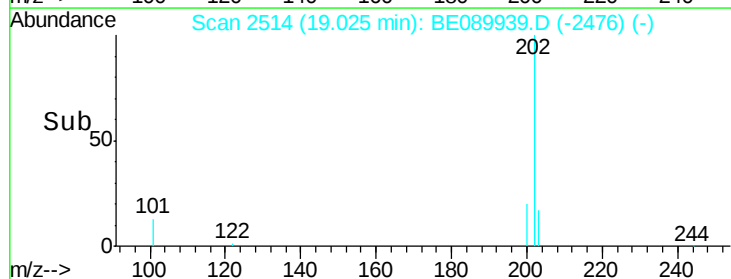
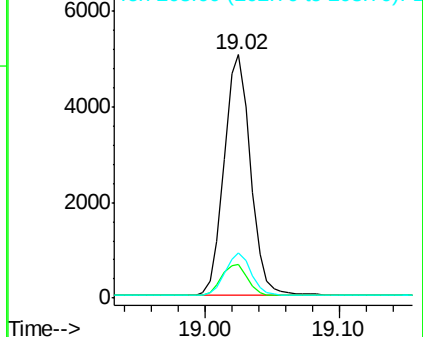
203 17.3 13.8 20.8



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

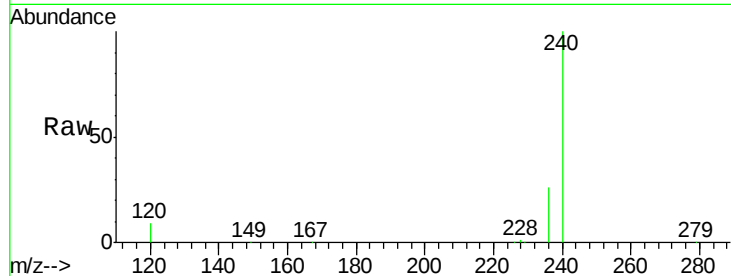
Tgt Ion:240 Resp: 234602

Ion Ratio Lower Upper

240 100

120 8.9 7.9 11.9

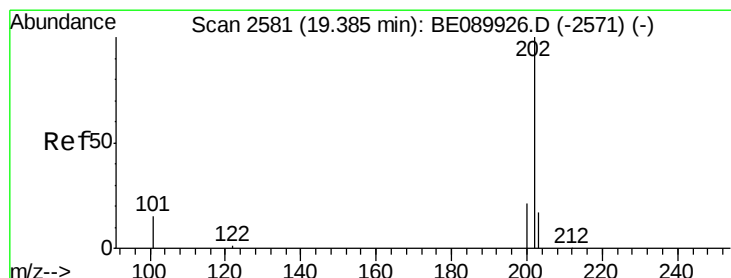
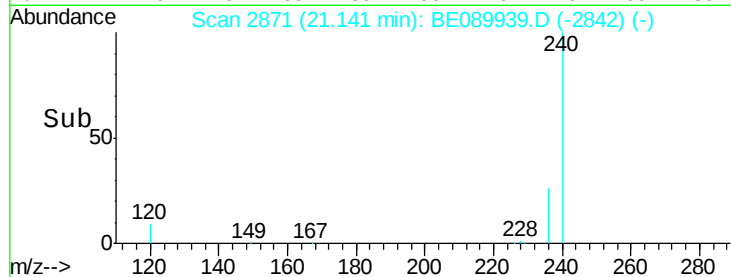
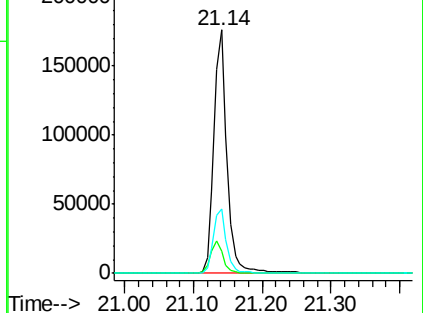
236 26.4 21.2 31.8



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



#26

Pyrene

Concen: 0.13 ng

RT: 19.39 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

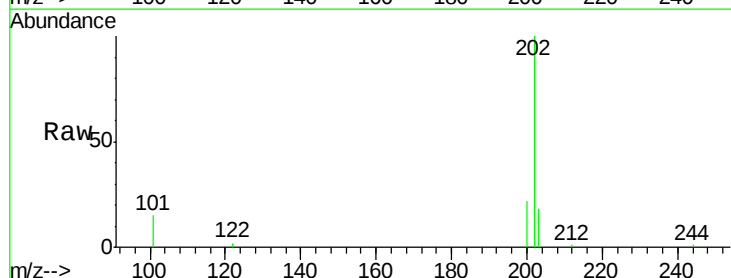
Tgt Ion:202 Resp: 7449

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

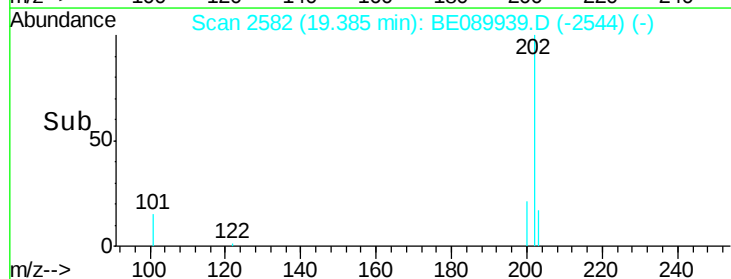
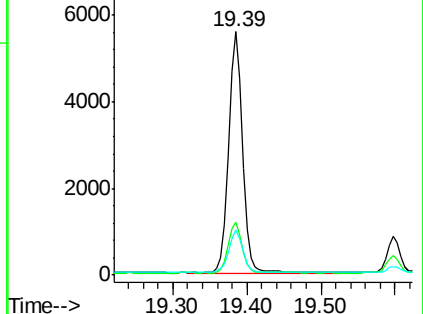
203 17.8 13.9 20.9

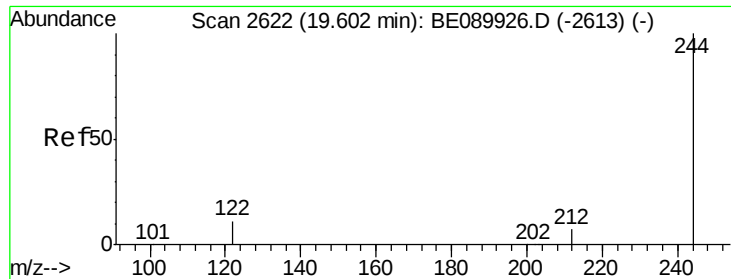


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

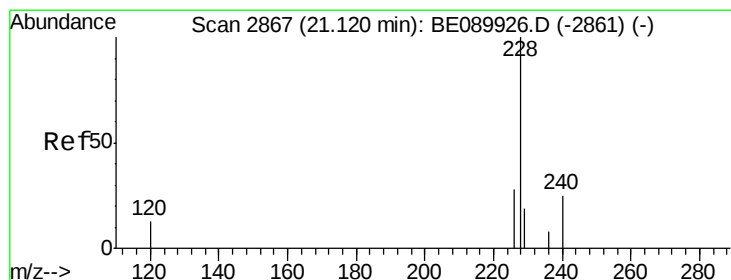
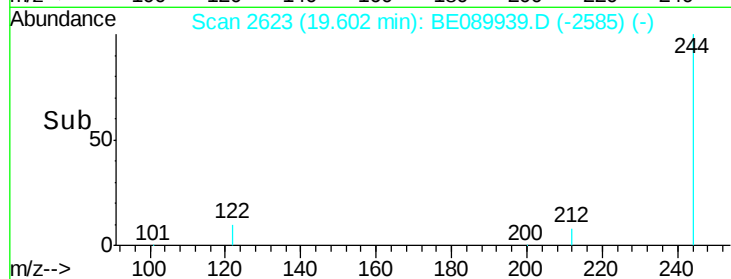
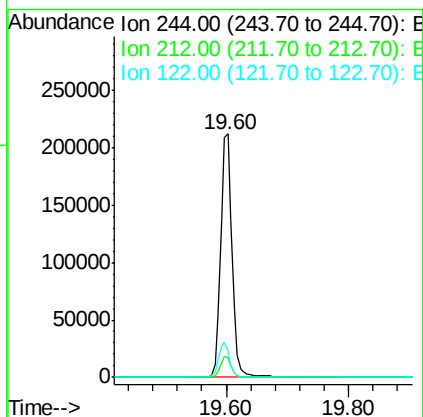
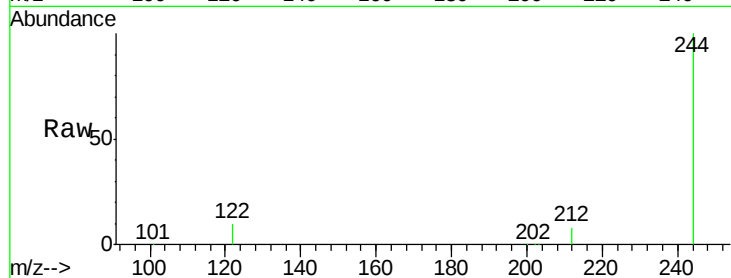




#27
 Terphenyl-d14
 Concen: 6.86 ng
 RT: 19.60 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

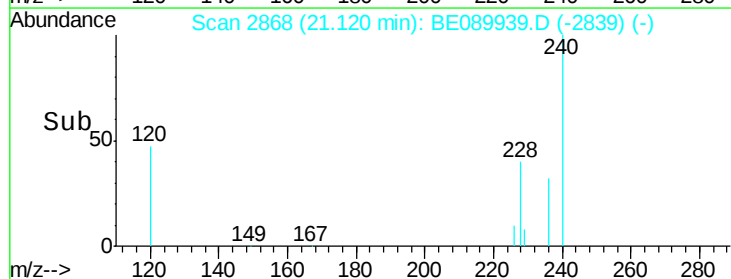
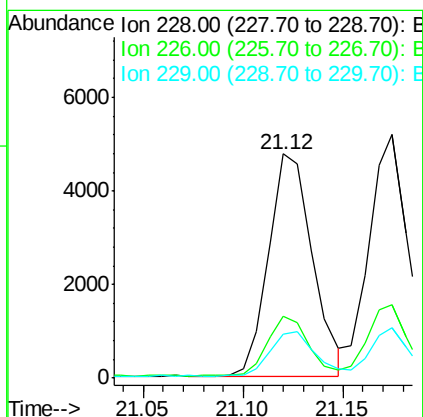
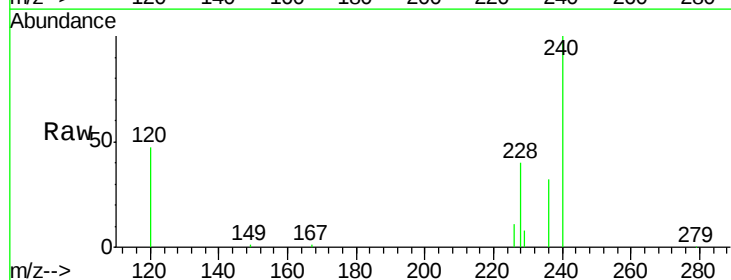
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:244 Resp: 277880
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 10.4 8.7 13.1



#28
 Benzo(a)anthracene
 Concen: 0.13 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BE089939.D
 Acq: 24 Jun 2015 19:02

Tgt Ion:228 Resp: 7221
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.2 33.4
 229 19.7 15.3 22.9





#29

Chrysene

Concen: 0.12 ng

RT: 21.17 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

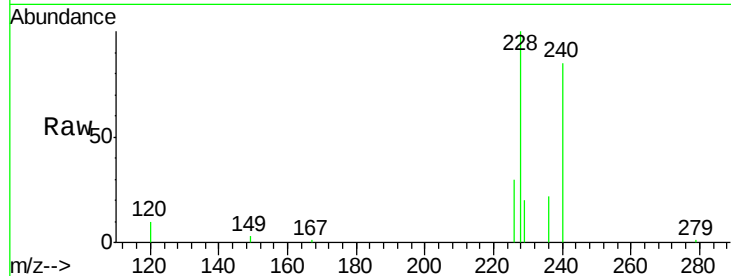
Tgt Ion:228 Resp: 7574

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

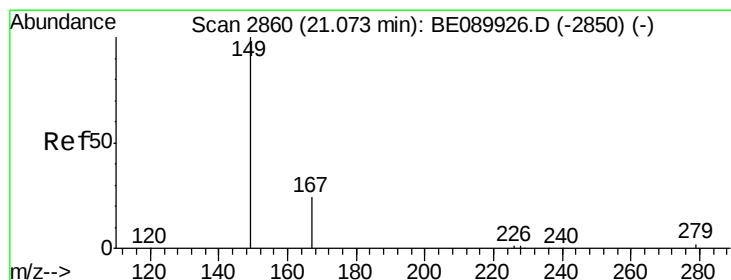
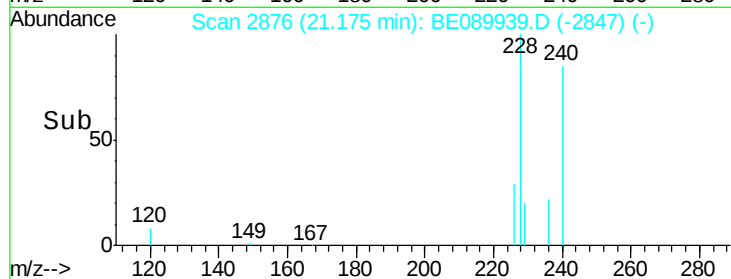
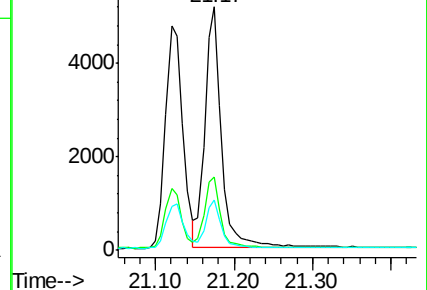
229 20.5 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

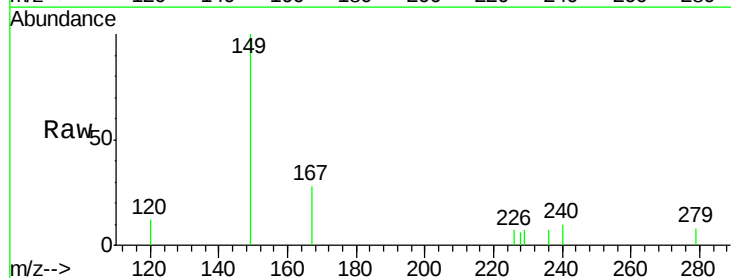
Tgt Ion:149 Resp: 697

Ion Ratio Lower Upper

149 100

167 23.5 20.3 30.5

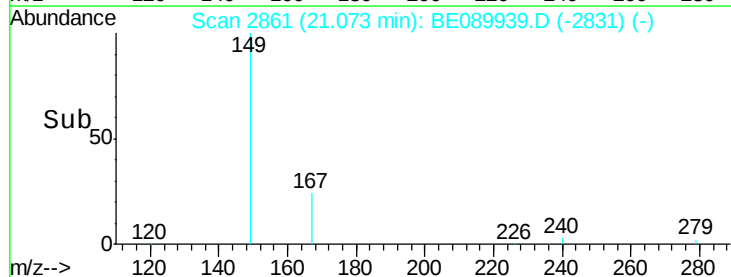
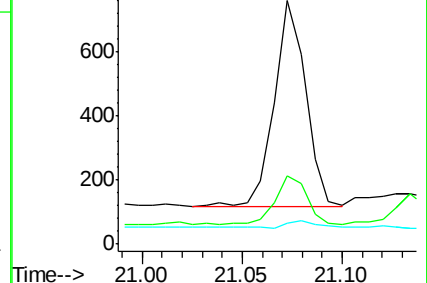
279 2.6 2.7 4.1#

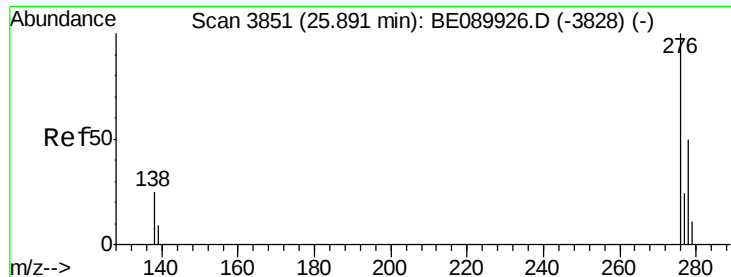


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng

RT: 25.88 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

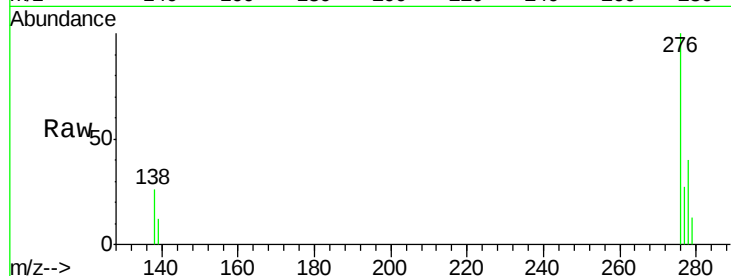
Tgt Ion:276 Resp: 4277

Ion Ratio Lower Upper

276 100

138 26.0 0.0 0.0#

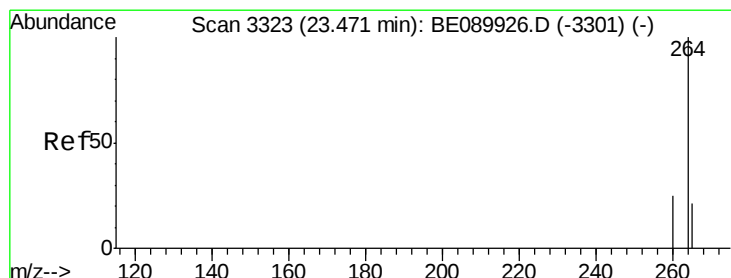
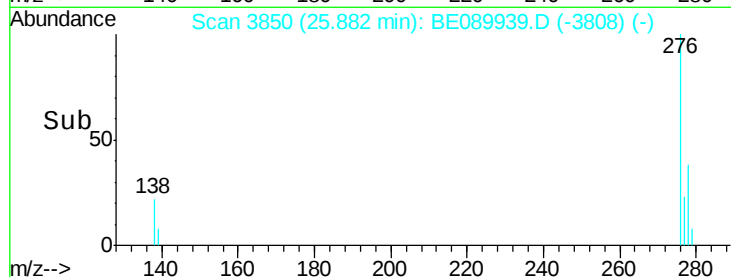
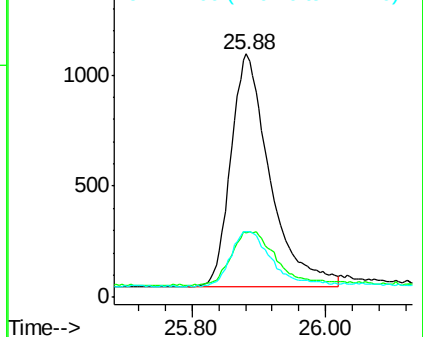
277 23.9 0.0 0.0#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Tgt Ion:264 Resp: 202049

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

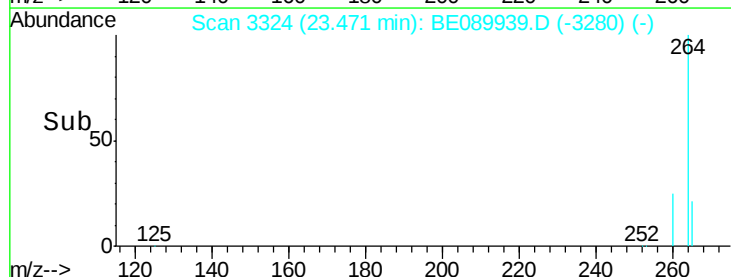
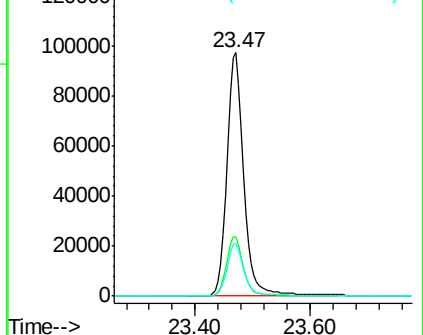
265 21.7 17.3 25.9

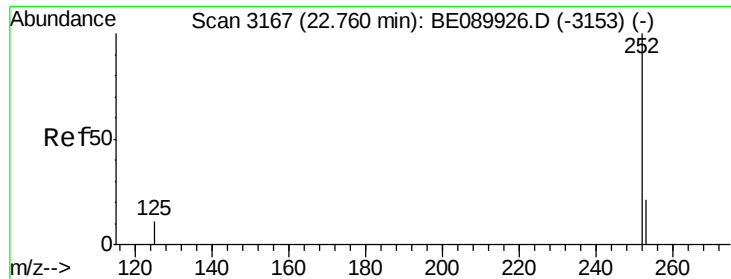


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.11 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

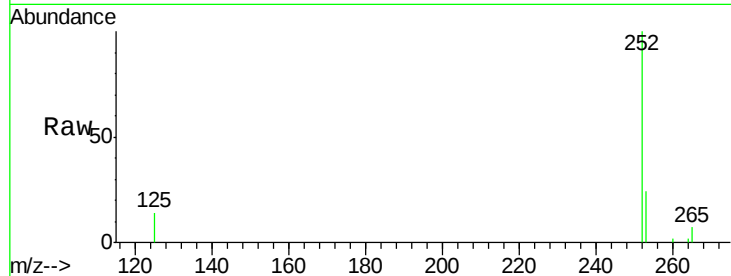
Tgt Ion:252 Resp: 4733

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

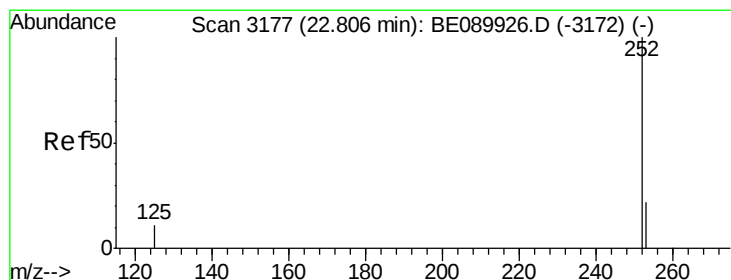
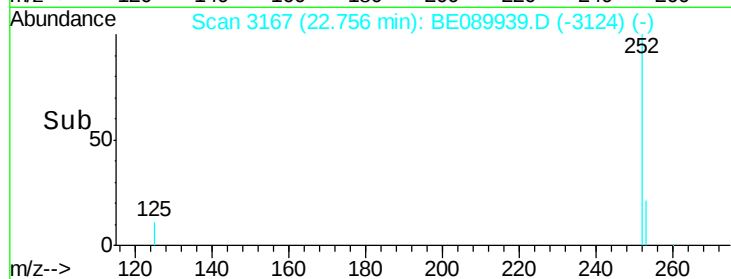
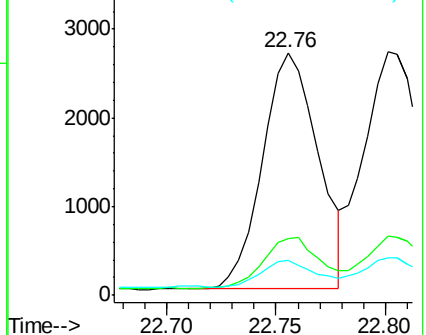
125 14.2 9.3 13.9#



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(k)fluoranthene

Concen: 0.12 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

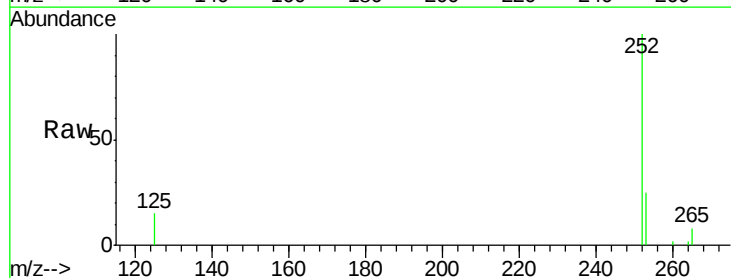
Tgt Ion:252 Resp: 5770

Ion Ratio Lower Upper

252 100

253 24.5 17.9 26.9

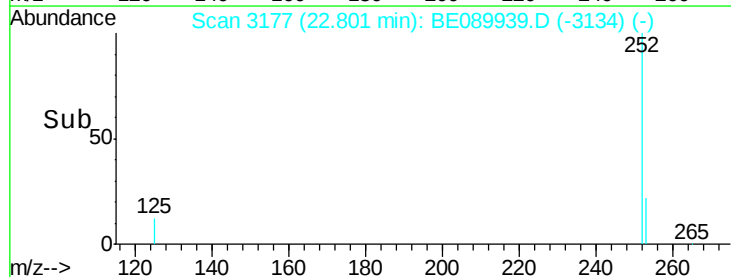
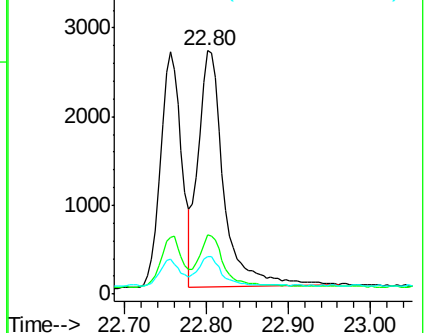
125 15.2 9.2 13.8#



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

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.36 min Scan# 3300

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02

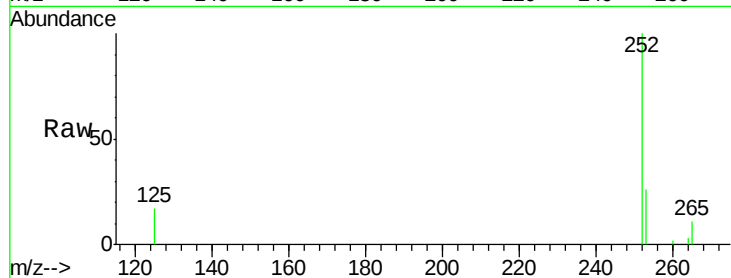
Tgt Ion:252 Resp: 4198

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.6

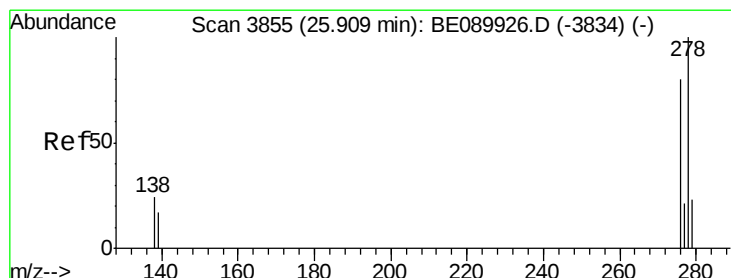
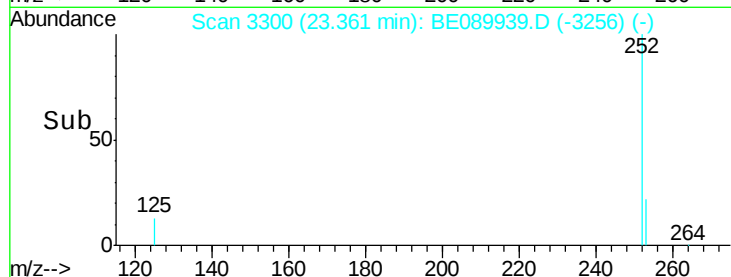
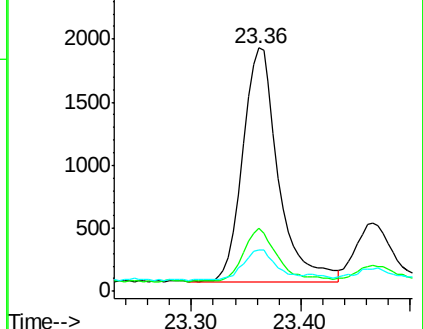
125 17.2 10.3 15.5#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 25.90 min Scan# 3855

Delta R.T. -0.00 min

Lab File: BE089939.D

Acq: 24 Jun 2015 19:02

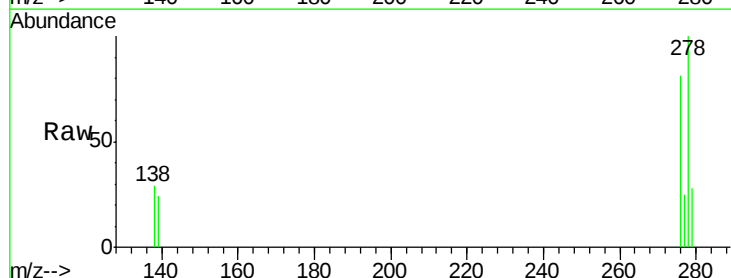
Tgt Ion:278 Resp: 3418

Ion Ratio Lower Upper

278 100

139 24.1 14.1 21.1#

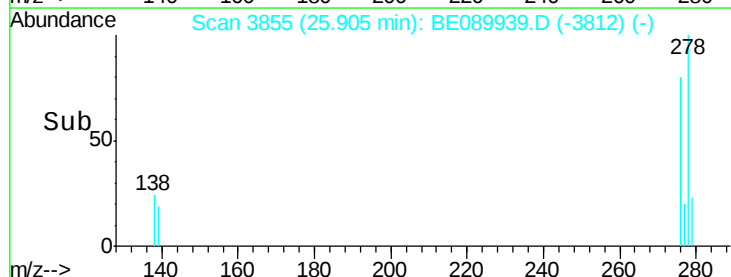
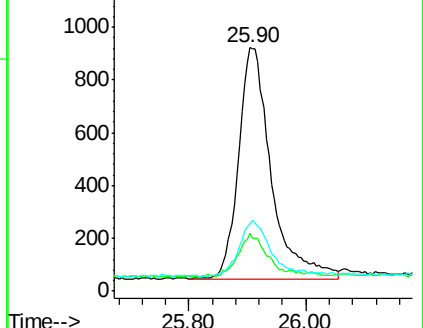
279 27.7 19.0 28.6



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





#37

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 26.62 min Scan# 4012

Delta R.T. -0.00 min

Lab File: BE089939.D

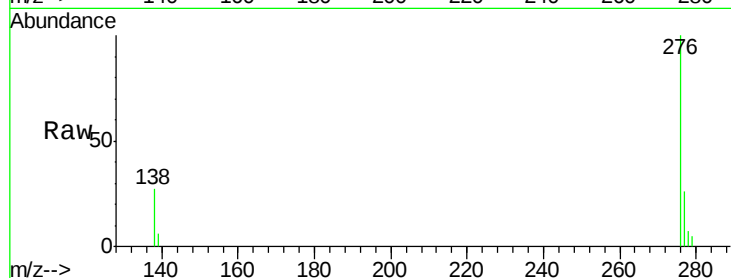
Acq: 24 Jun 2015 19:02

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2015-02



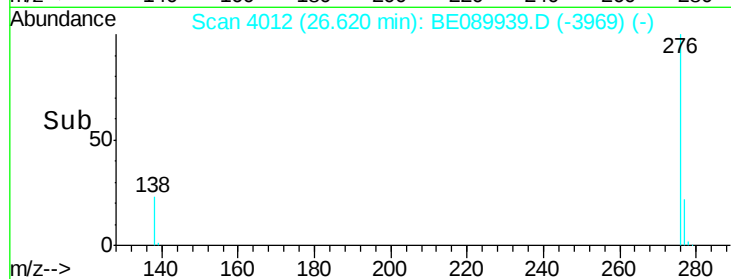
Tgt Ion: 276 Resp: 4118

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 27.4 18.8 28.2



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

