

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015958.D
 Acq On : 27 Jan 2015 23:08
 Operator : TP/IZ
 Sample : G1160-01
 Misc : W
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC012215-SOIL

Quant Time: Jan 28 03:16:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	74260	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	299130	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	244081	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	721120	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1014415	20.00	ng	0.00
86) Perylene-d12	23.53	264	891964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	640440	128.43	ng	0.00
7) Phenol-d6	6.87	99	933774	116.20	ng	0.00
23) Nitrobenzene-d5	8.84	82	813258	78.37	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	676451	151.39	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1576313	101.33	ng	0.00
78) Terphenyl-d14	19.72	244	3341095	99.94	ng	0.00

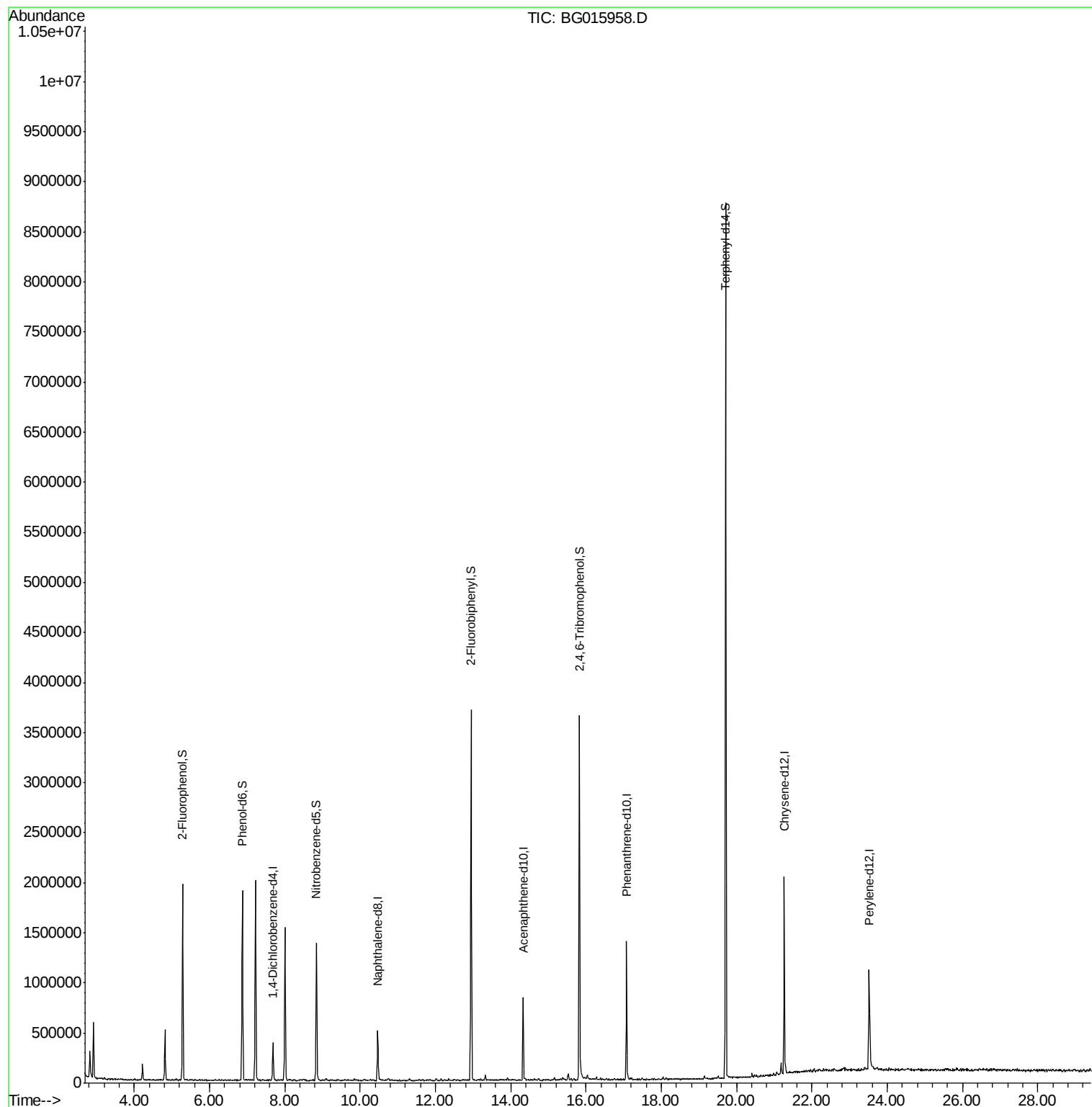
Target Compounds	Qvalue
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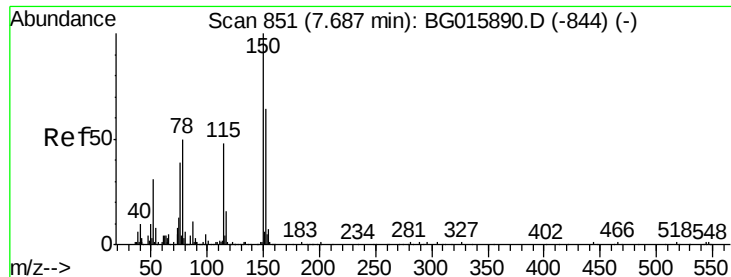
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Instrument :

BNA_G

ClientSampleId :

WC012215-SOIL

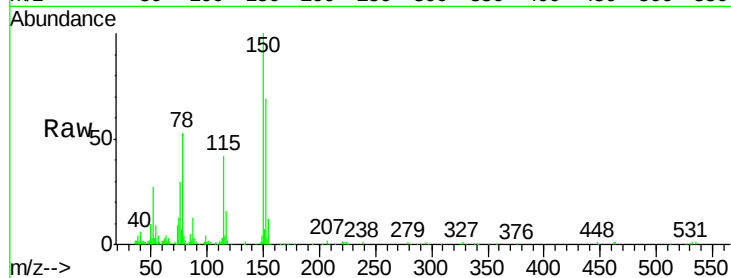
Tgt Ion:152 Resp: 74260

Ion Ratio Lower Upper

152 100

150 145.1 124.5 186.7

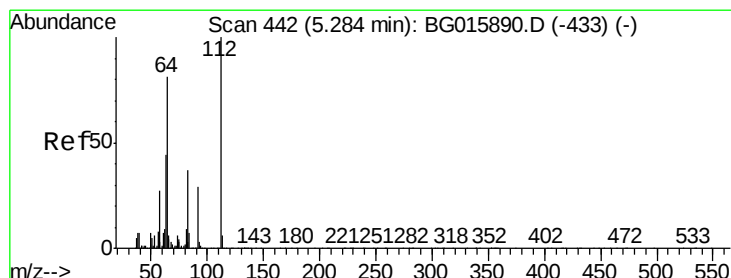
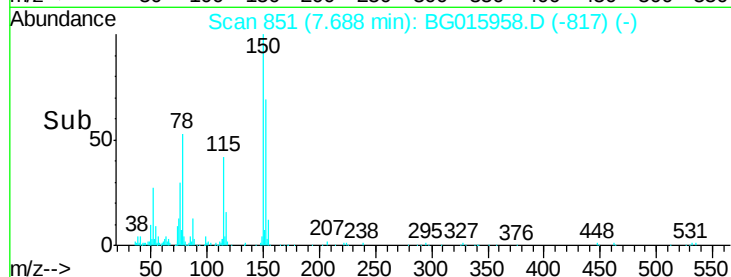
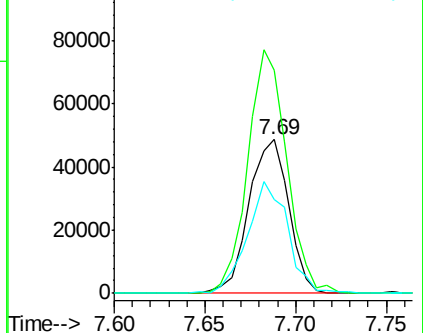
115 60.9 60.4 90.6



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



#5

2-Fluorophenol

Concen: 128.43 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

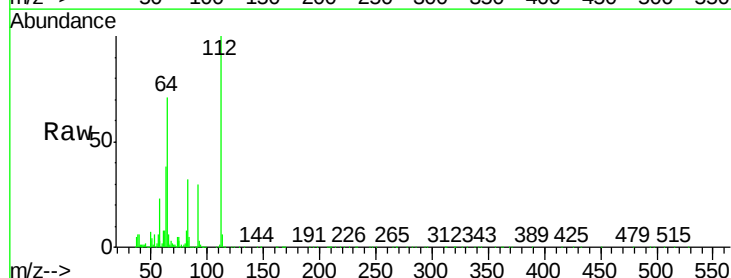
Tgt Ion:112 Resp: 640440

Ion Ratio Lower Upper

112 100

64 70.6 64.4 96.6

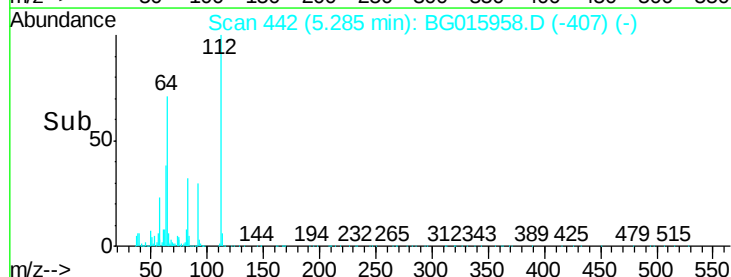
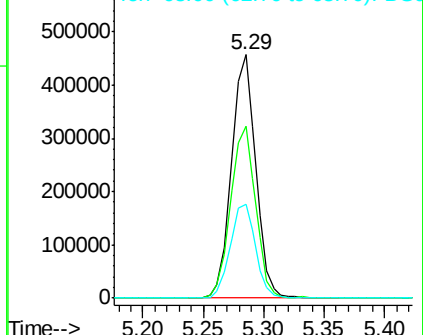
63 38.4 35.1 52.7

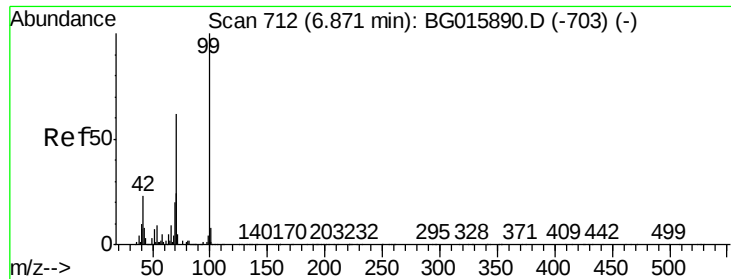


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.20 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Instrument :

BNA_G

ClientSampleId :

WC012215-SOIL

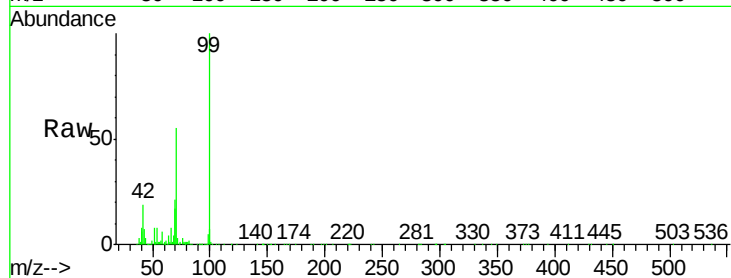
Tgt Ion: 99 Resp: 933774

Ion Ratio Lower Upper

99 100

42 18.5 18.1 27.1

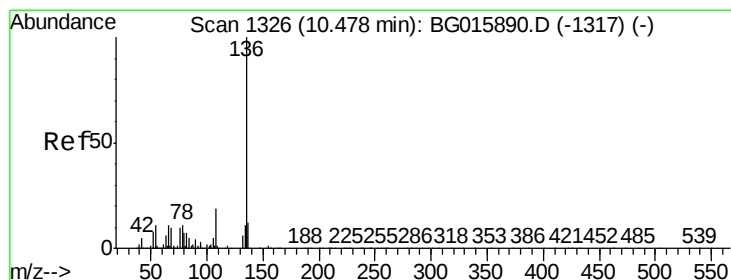
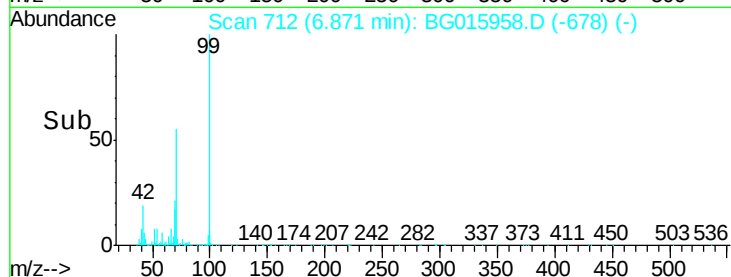
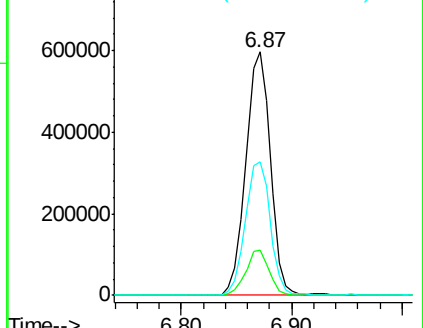
71 54.9 49.8 74.8



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Tgt Ion: 136 Resp: 299130

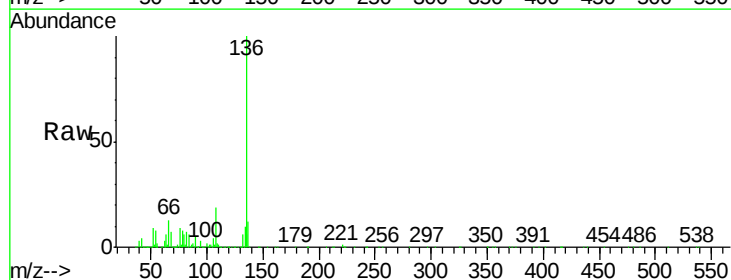
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 7.9 8.5 12.7#

68 7.3 8.0 12.0#

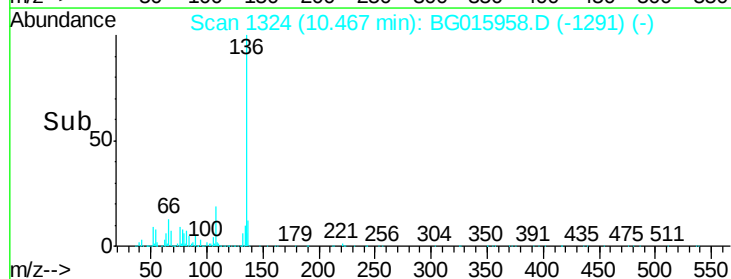
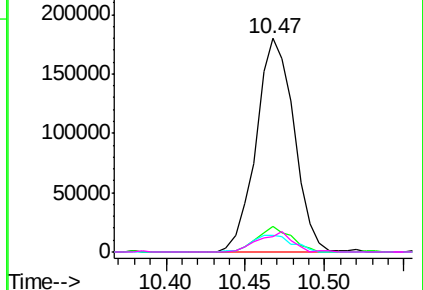


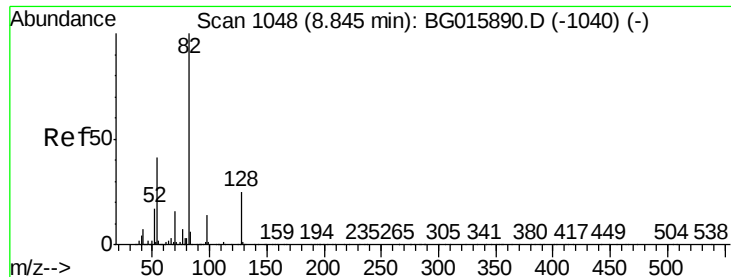
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

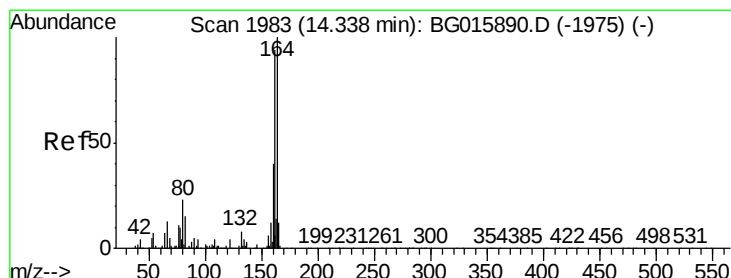
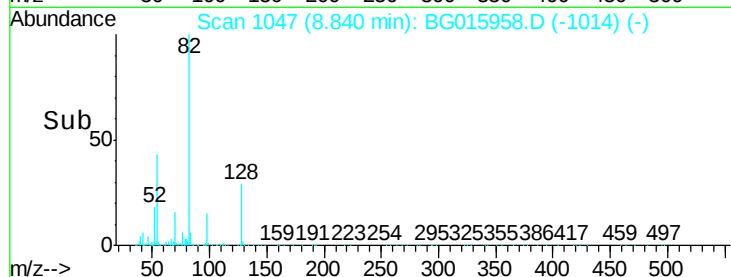
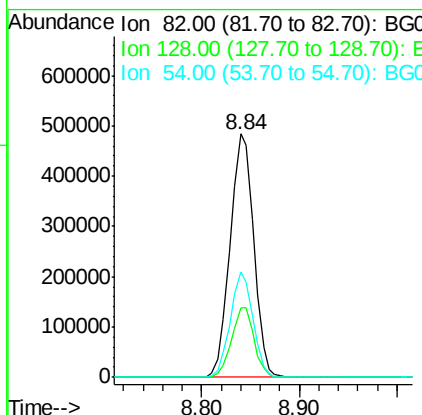
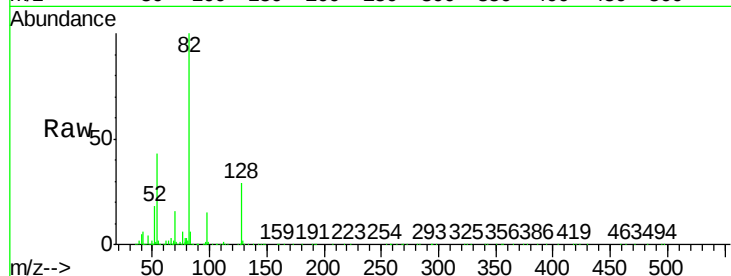




#23
 Nitrobenzene-d5
 Concen: 78.37 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015958.D
 Acq: 27 Jan 2015 23:08

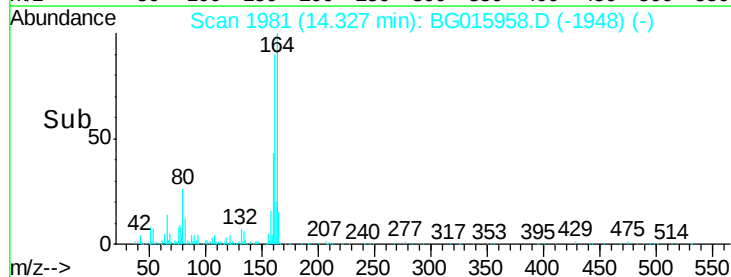
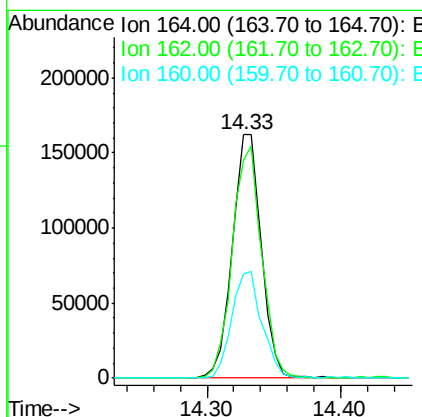
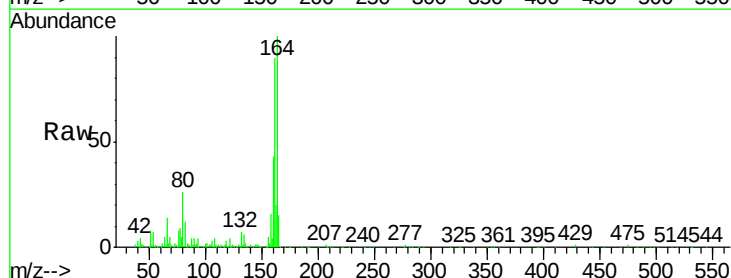
Instrument :
 BNA_G
 ClientSampleId :
 WC012215-SOIL

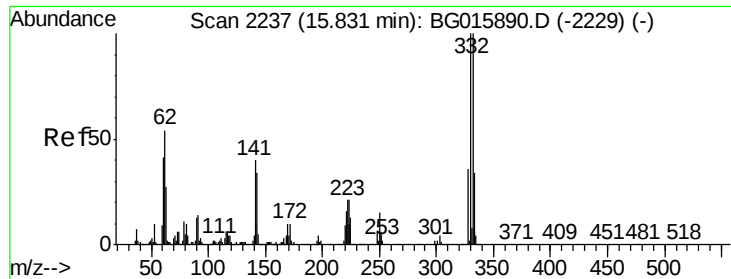
Tgt Ion: 82 Resp: 813258
 Ion Ratio Lower Upper
 82 100
 128 28.7 19.8 29.8
 54 43.2 33.0 49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015958.D
 Acq: 27 Jan 2015 23:08

Tgt Ion: 164 Resp: 244081
 Ion Ratio Lower Upper
 164 100
 162 89.8 75.1 112.7
 160 42.9 32.3 48.5

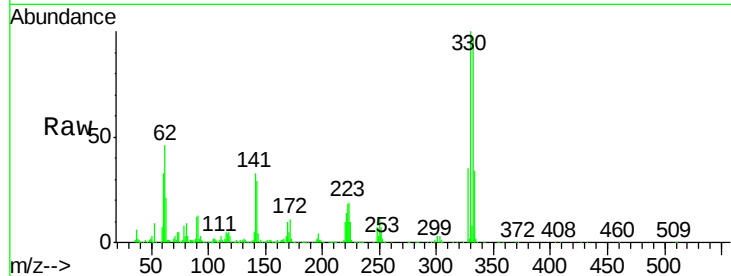




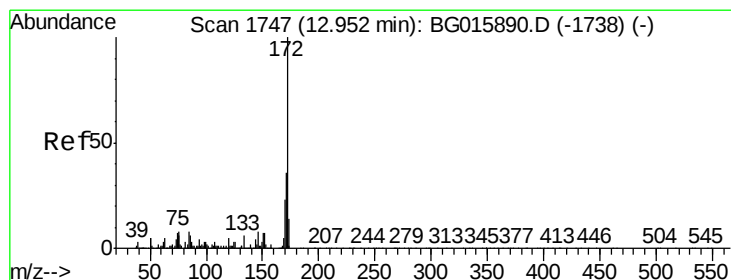
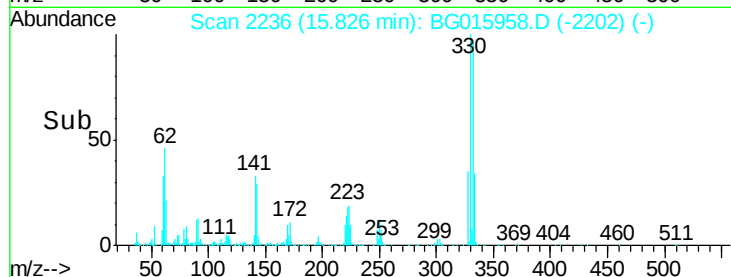
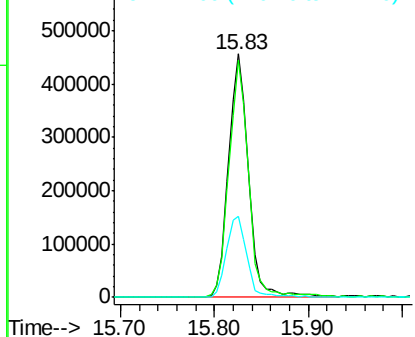
#41
2,4,6-Tribromophenol
Concen: 151.39 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015958.D
Acq: 27 Jan 2015 23:08

Instrument :
BNA_G
ClientSampleId :
WC012215-SOIL

Tgt Ion:330 Resp: 676451
Ion Ratio Lower Upper
330 100
332 95.8 75.4 113.0
141 34.1 33.0 49.6

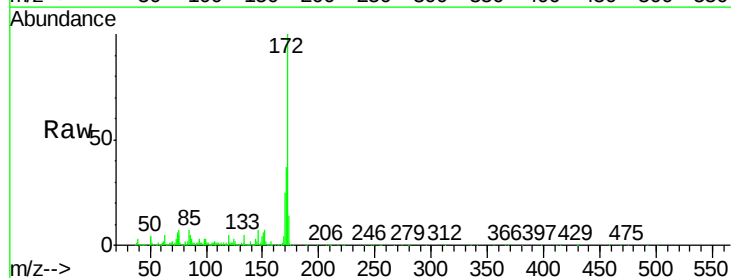


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

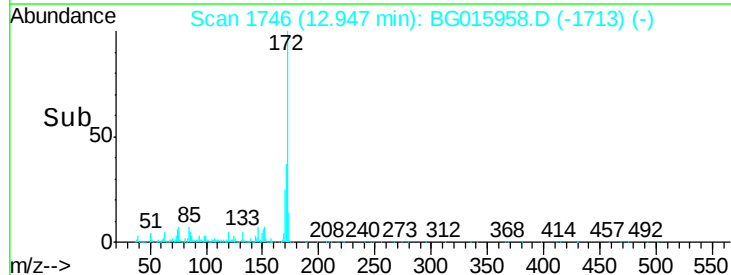
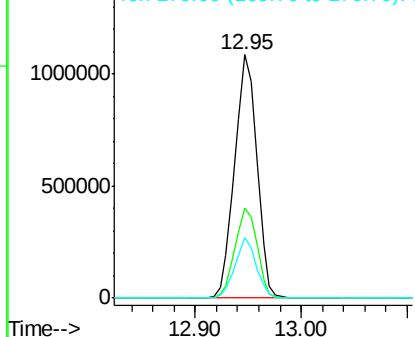


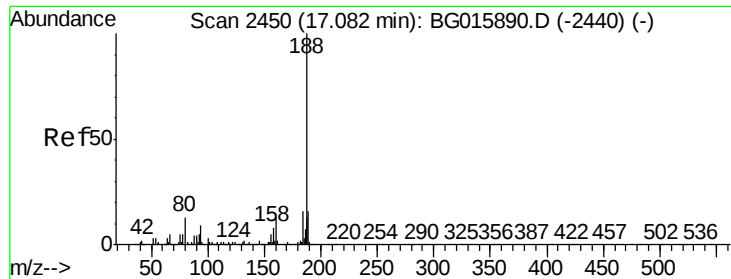
#44
2-Fluorobiphenyl
Concen: 101.33 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015958.D
Acq: 27 Jan 2015 23:08

Tgt Ion:172 Resp: 1576313
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.9 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Instrument :

BNA_G

ClientSampleId :

WC012215-SOIL

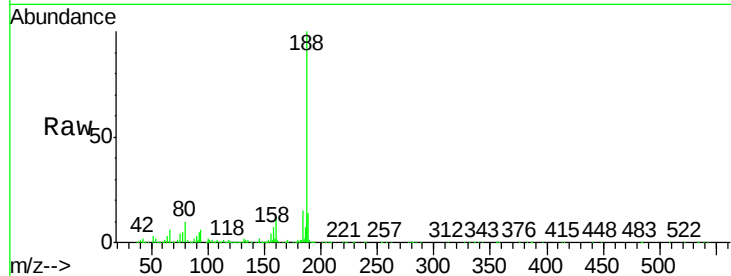
Tgt Ion:188 Resp: 721120

Ion Ratio Lower Upper

188 100

94 6.4 7.8 11.8#

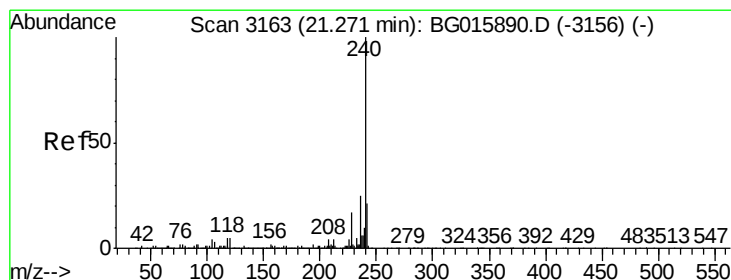
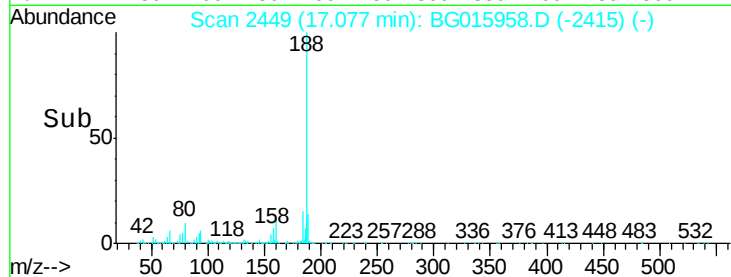
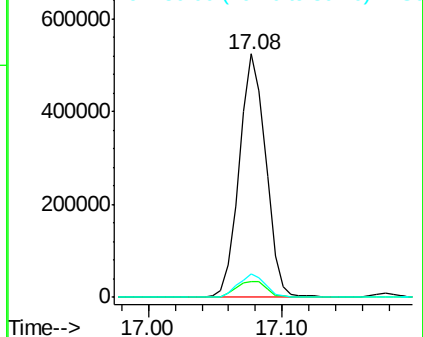
80 9.7 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

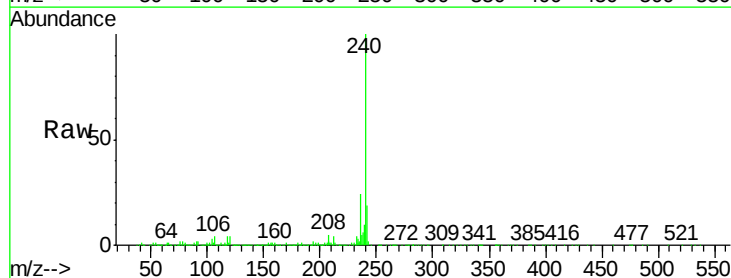
Tgt Ion:240 Resp: 1014415

Ion Ratio Lower Upper

240 100

120 3.5 3.9 5.9#

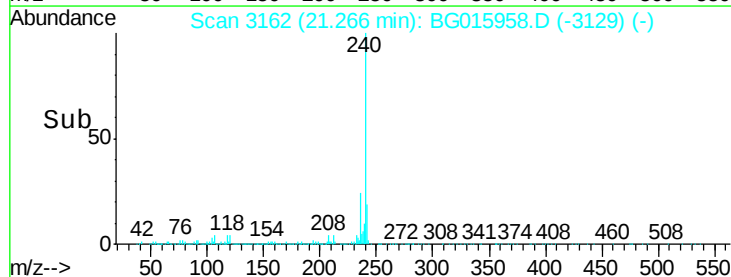
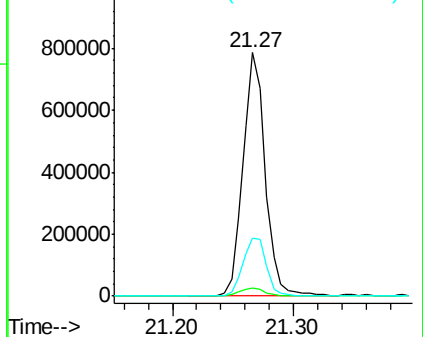
236 23.8 20.0 30.0

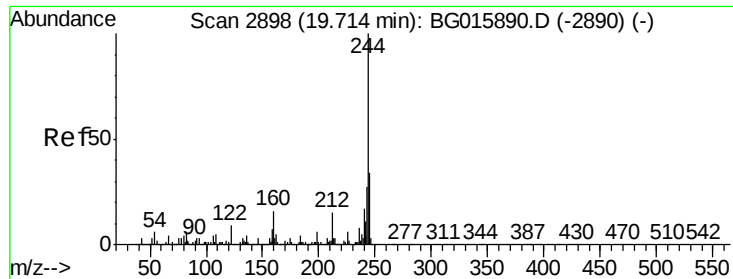


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.94 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Instrument :

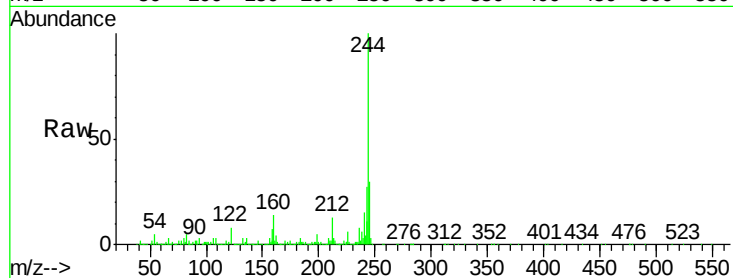
BNA_G

ClientSampleId :

WC012215-SOIL

Tgt Ion:244 Resp: 3341095

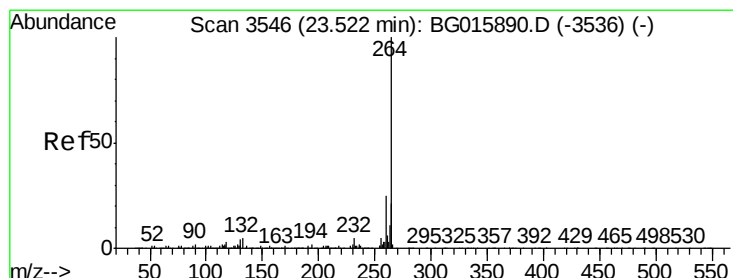
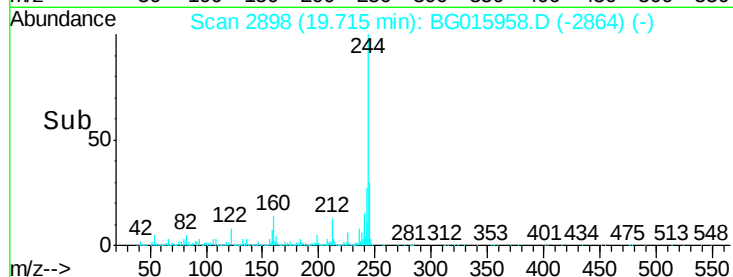
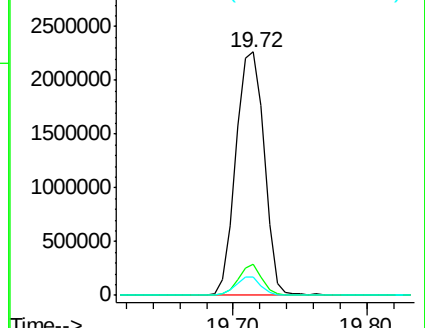
Ion	Ratio	Lower	Upper
244	100		
212	12.9	11.6	17.4
122	7.6	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3547

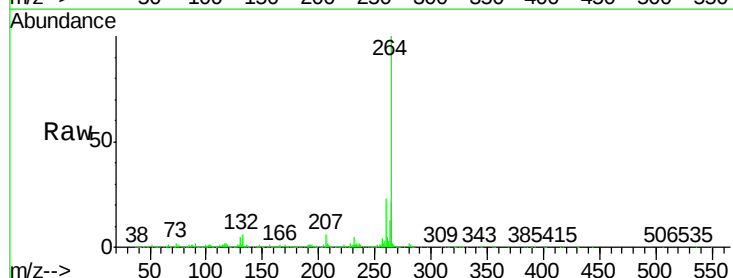
Delta R.T. 0.01 min

Lab File: BG015958.D

Acq: 27 Jan 2015 23:08

Tgt Ion:264 Resp: 891964

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.7	29.5
265	21.0	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

