

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016697.D
 Acq On : 25 Apr 2015 00:38
 Operator : TP/IZ
 Sample : G1989-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL1

Quant Time: Apr 25 02:18:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	50442	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	207105	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	116673	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	251139	20.00	ng	0.00
75) Chrysene-d12	21.18	240	249193	20.00	ng	0.00
86) Perylene-d12	23.39	264	204836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	418465	134.62	ng	0.00
7) Phenol-d6	6.80	99	524020	120.17	ng	0.00
23) Nitrobenzene-d5	8.75	82	306812	93.61	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	138551	160.07	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	715079	98.47	ng	0.00
78) Terphenyl-d14	19.63	244	936600	86.58	ng	0.00

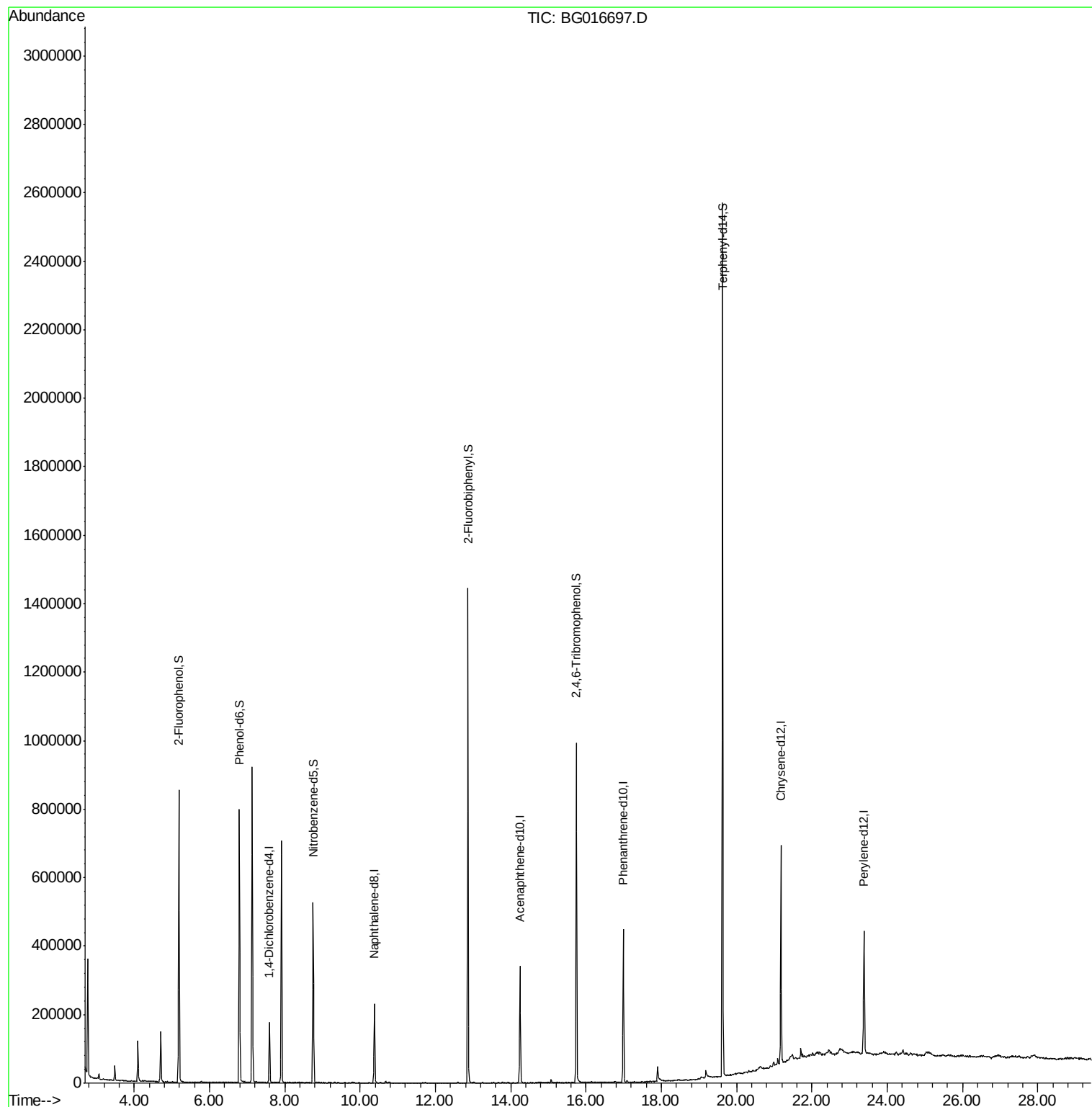
Target Compounds Qvalue

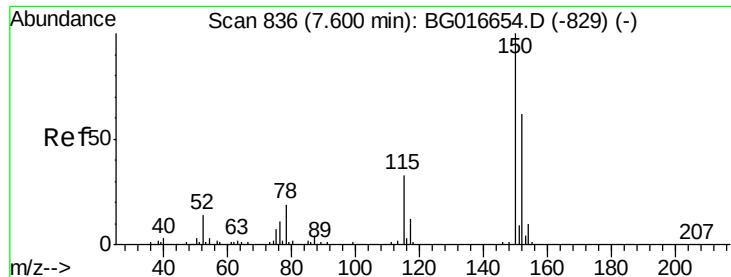
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016697.D
Acq On : 25 Apr 2015 00:38
Operator : TP/IZ
Sample : G1989-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL1

Quant Time: Apr 25 02:18:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 22:57:52 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

Instrument :

BNA_G

ClientSampleId :

SOIL1

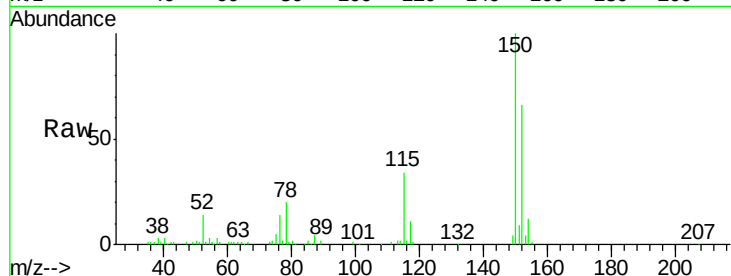
Tot Ion:152 Resp: 50442

Ion Ratio Lower Upper

152 100

150 151.5 129.6 194.4

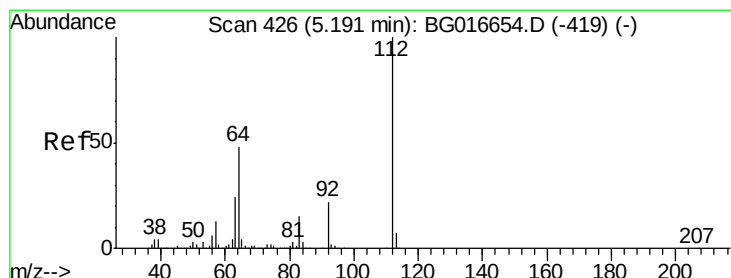
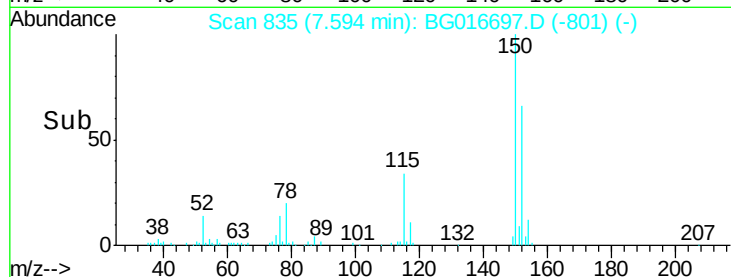
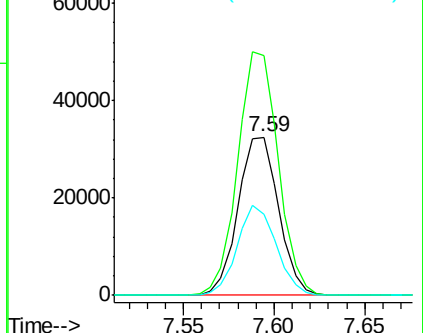
115 51.3 43.0 64.6



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: 134.62 ng

RT: 5.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

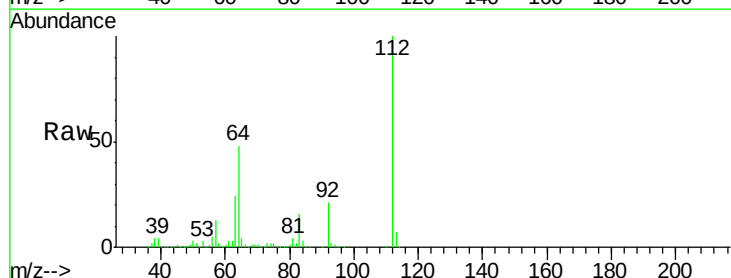
Tgt Ion:112 Resp: 418465

Ion Ratio Lower Upper

112 100

64 48.1 38.3 57.5

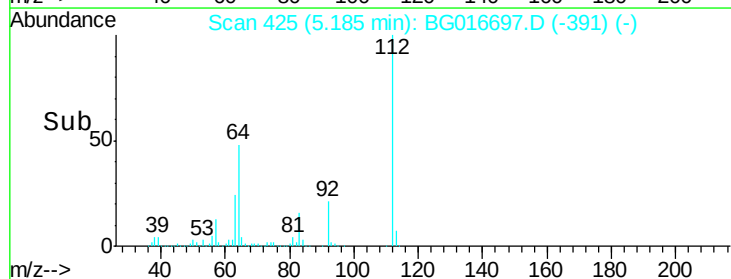
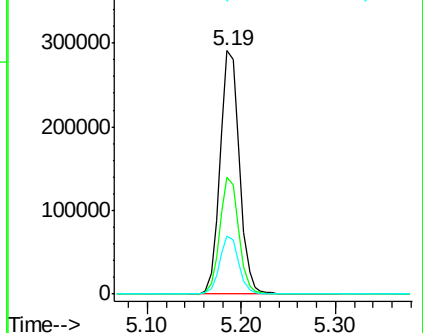
63 23.9 18.9 28.3

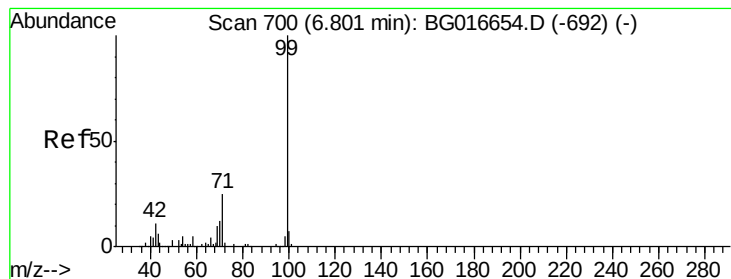


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.17 ng

RT: 6.80 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

Instrument :

BNA_G

ClientSampleId :

SOIL1

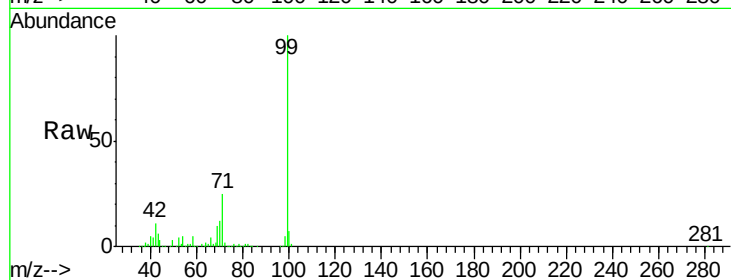
Tot Ion: 99 Resp: 524020

Ion Ratio Lower Upper

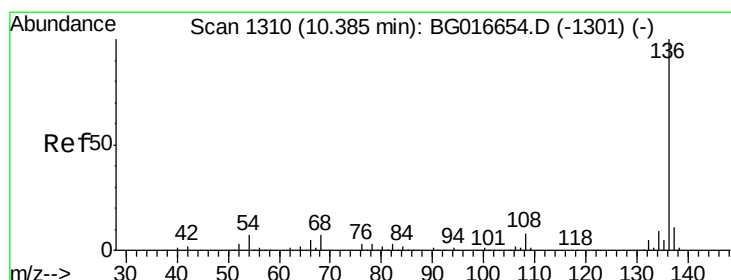
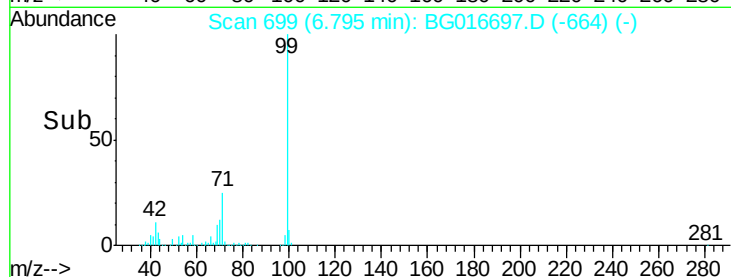
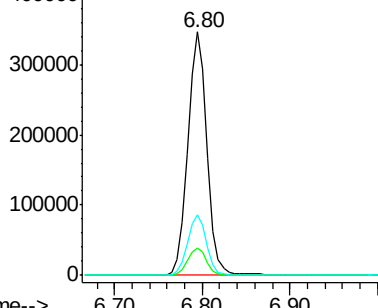
99 100

42 11.3 8.8 13.2

71 24.8 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

Tgt Ion: 136 Resp: 207105

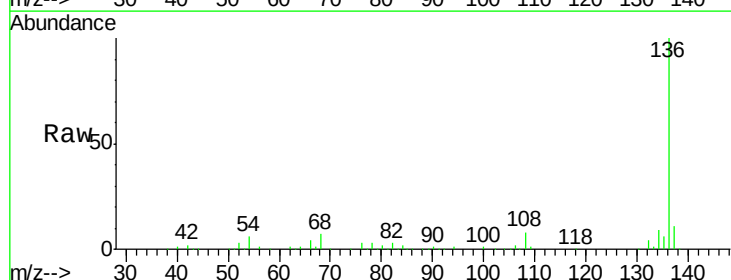
Ion Ratio Lower Upper

136 100

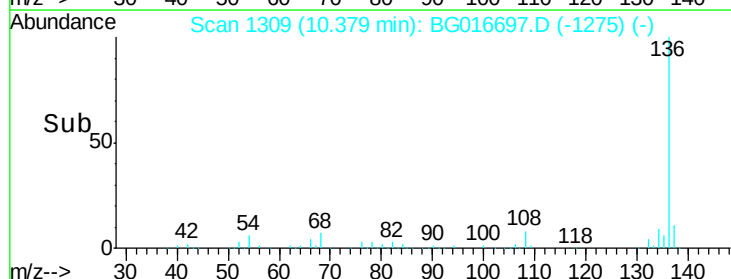
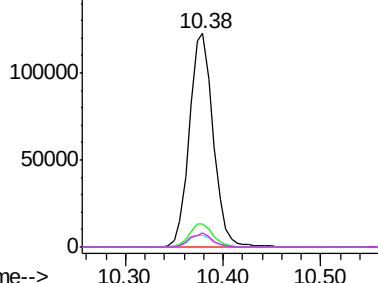
137 11.0 8.5 12.7

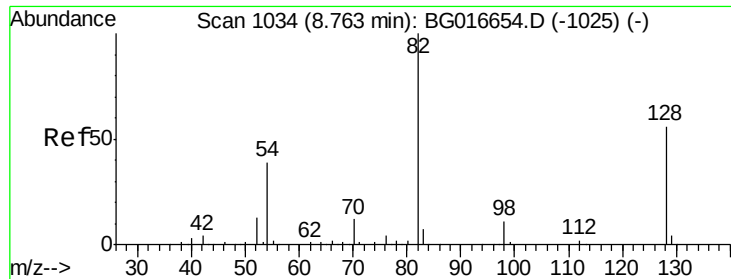
54 5.6 5.4 8.2

68 6.5 5.2 7.8



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

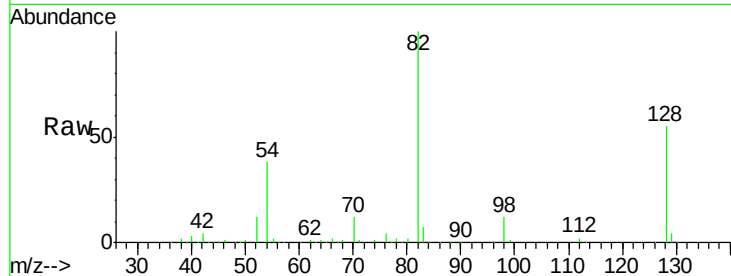




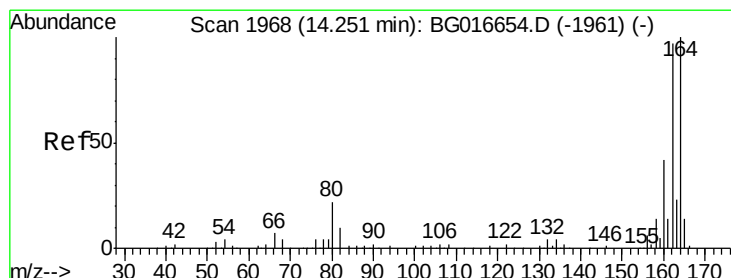
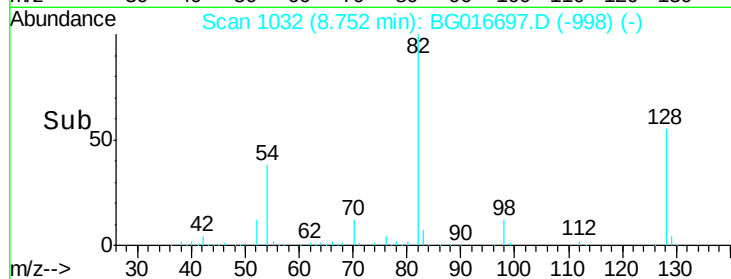
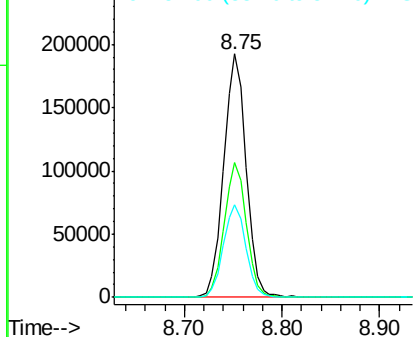
#23
 Nitrobenzene-d5
 Concen: 93.61 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016697.D
 Acq: 25 Apr 2015 00:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL1

Tot Ion: 82 Resp: 306812
 Ion Ratio Lower Upper
 82 100
 128 55.4 44.7 67.1
 54 38.2 30.9 46.3

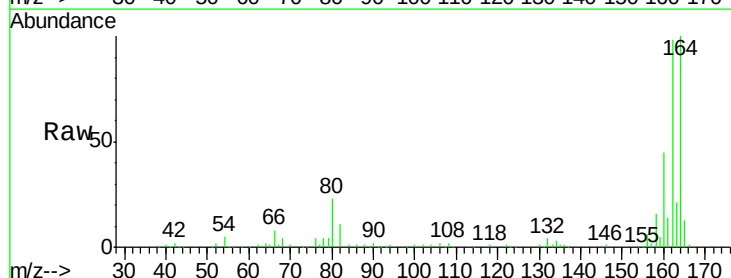


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

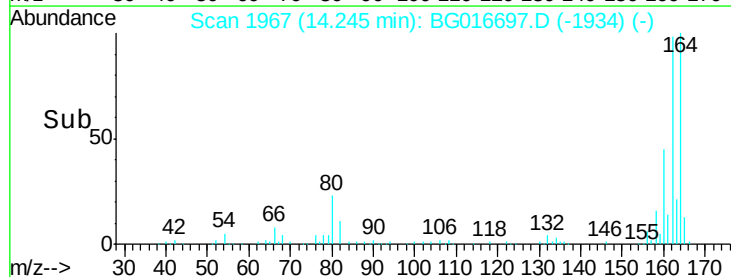
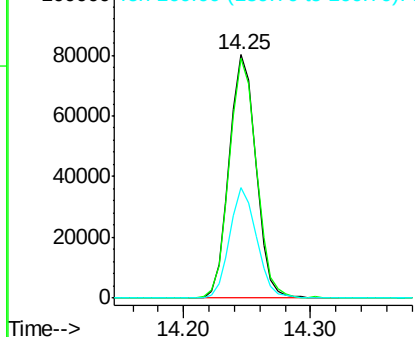


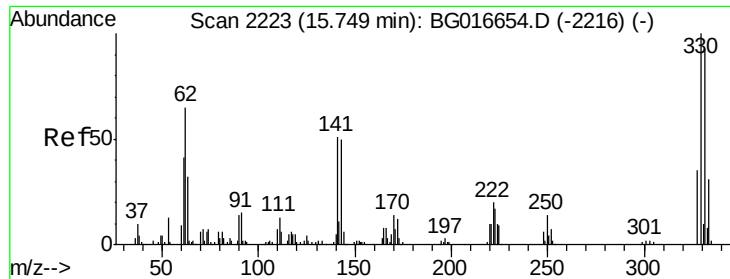
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG016697.D
 Acq: 25 Apr 2015 00:38

Tgt Ion:164 Resp: 116673
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.3 115.9
 160 45.5 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

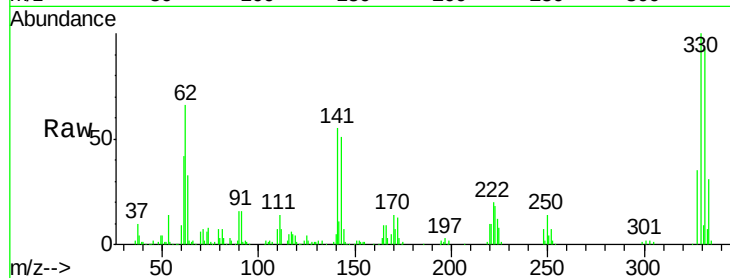




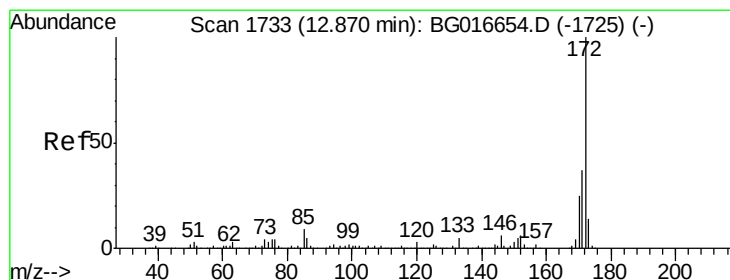
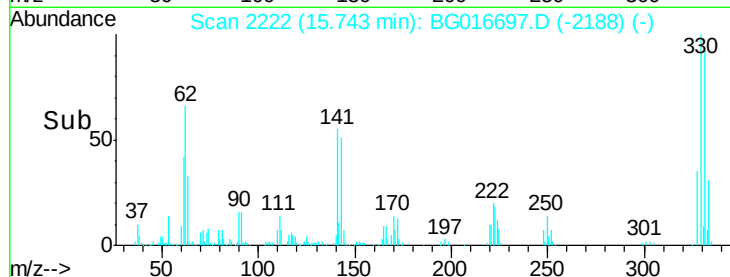
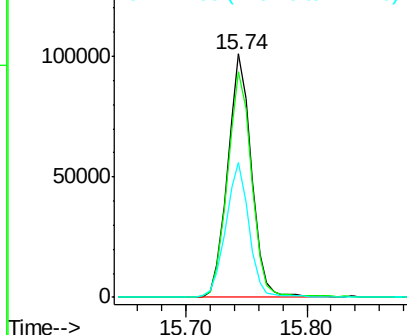
#41
 2,4,6-Tribromophenol
 Concen: 160.07 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG016697.D
 Acq: 25 Apr 2015 00:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL1

Tot Ion:330 Resp: 138551
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.2 114.4
 141 53.5 43.0 64.6

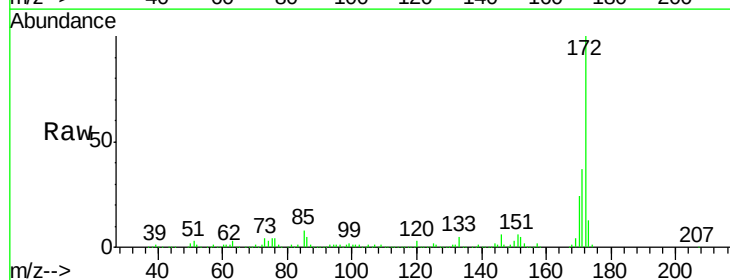


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

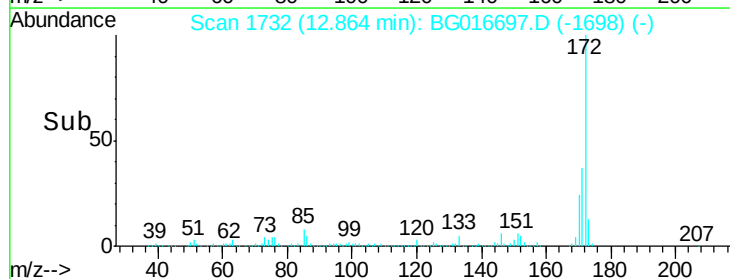
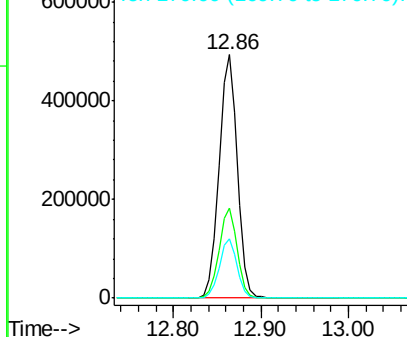


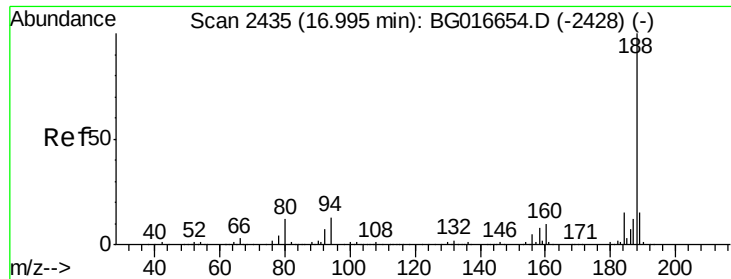
#44
 2-Fluorobiphenyl
 Concen: 98.47 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016697.D
 Acq: 25 Apr 2015 00:38

Tgt Ion:172 Resp: 715079
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 24.3 19.8 29.8



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: 16.99 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

Instrument :

BNA_G

ClientSampleId :

SOIL1

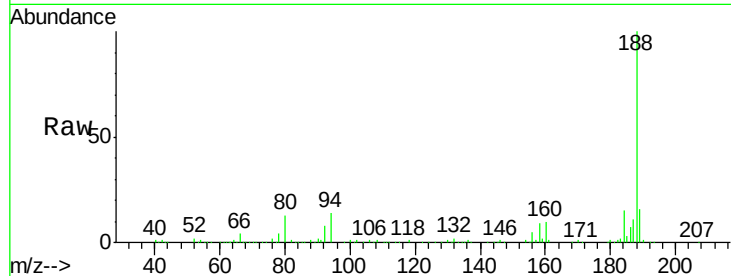
Tot Ion:188 Resp: 251139

Ion Ratio Lower Upper

188 100

94 13.7 10.7 16.1

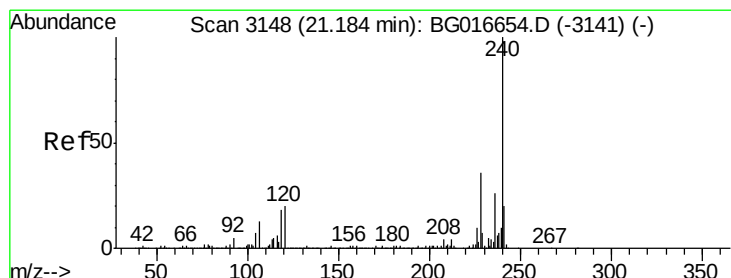
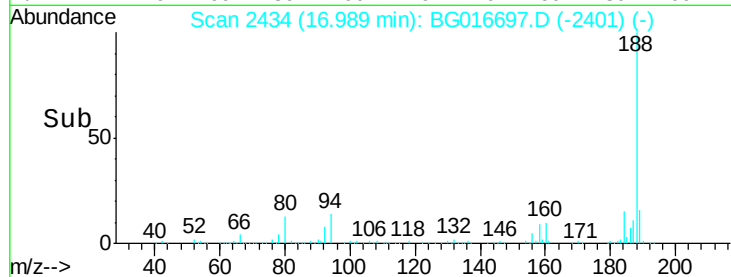
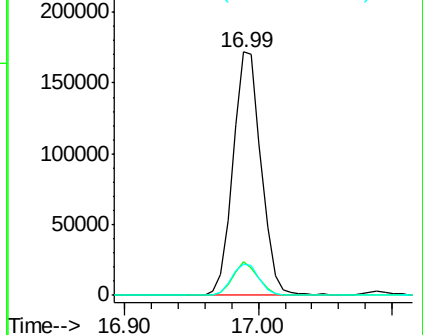
80 13.0 9.9 14.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

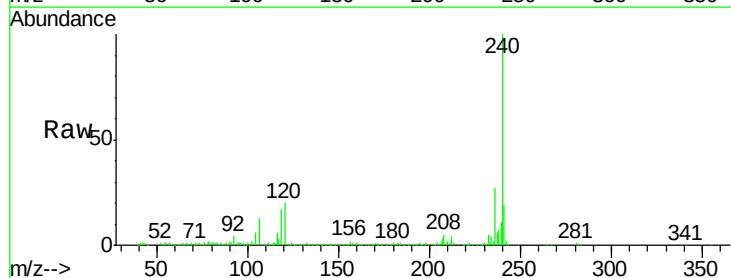
Tgt Ion:240 Resp: 249193

Ion Ratio Lower Upper

240 100

120 19.8 16.3 24.5

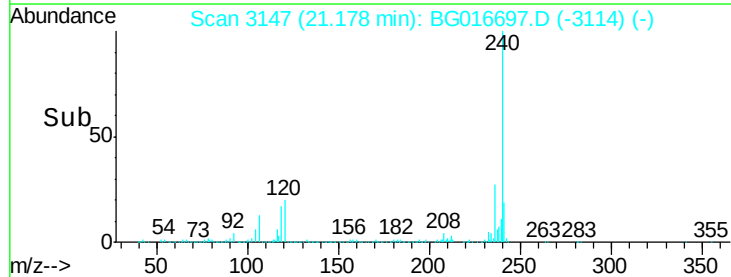
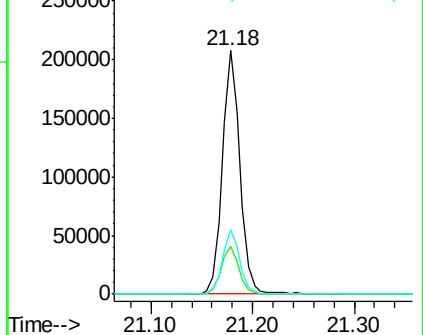
236 26.7 21.1 31.7

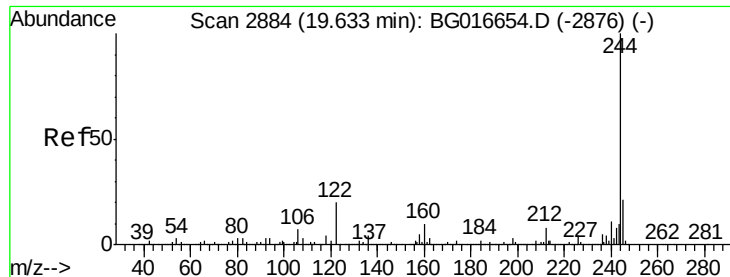


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.58 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

Instrument :

BNA_G

ClientSampled :

SOIL1

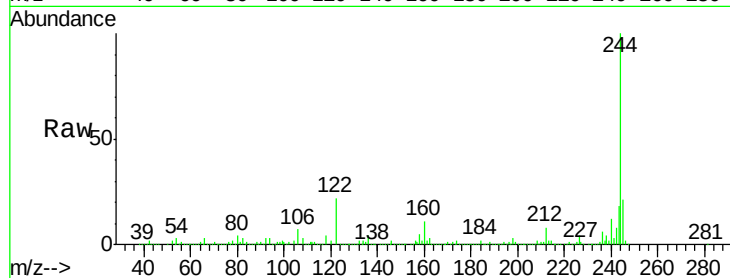
Tot Ion:244 Resp: 936600

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

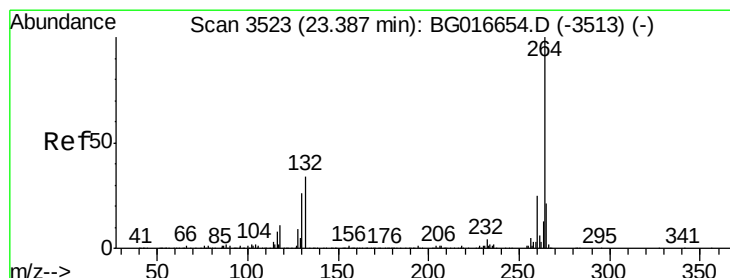
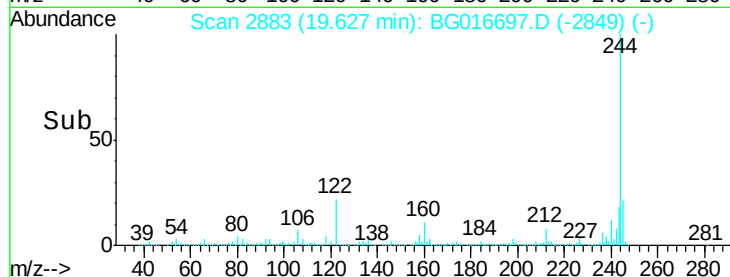
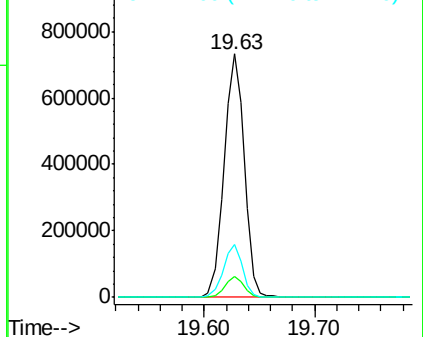
122 21.6 15.9 23.9



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: 23.39 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG016697.D

Acq: 25 Apr 2015 00:38

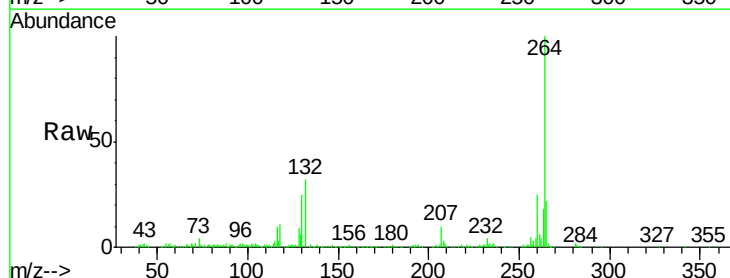
Tgt Ion:264 Resp: 204836

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 22.4 16.8 25.2



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

