

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016694.D
 Acq On : 24 Apr 2015 21:38
 Operator : TP/IZ
 Sample : G1979-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PIT

Quant Time: Apr 24 23:17:02 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

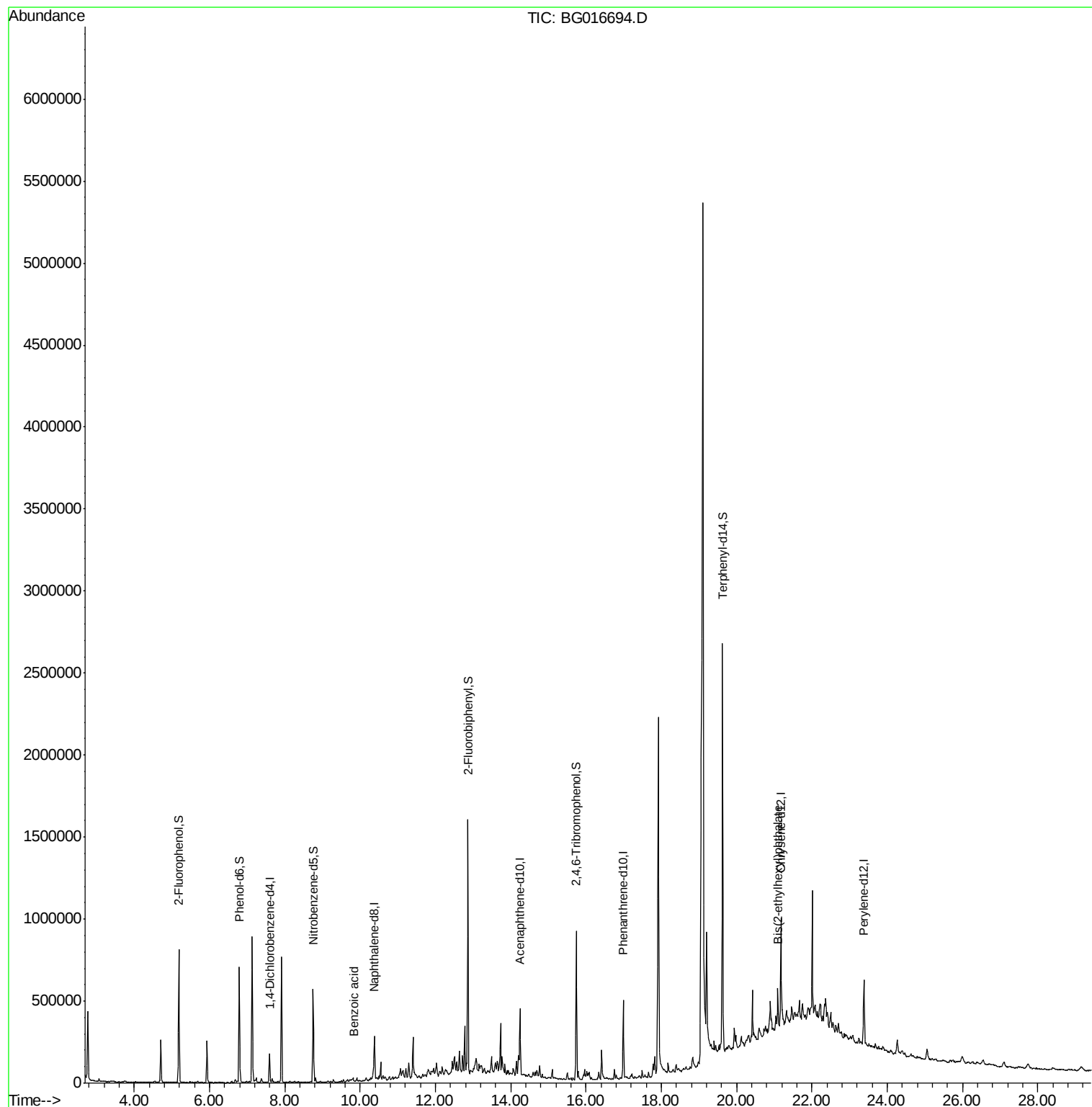
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	49452	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	210081	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	123442	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	255275	20.00	ng	0.00
75) Chrysene-d12	21.18	240	239104	20.00	ng	0.00
86) Perylene-d12	23.38	264	226783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	382504	125.52	ng	0.00
7) Phenol-d6	6.79	99	473499	110.75	ng	0.00
23) Nitrobenzene-d5	8.75	82	318884	95.91	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	127757	139.51	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	753397	98.06	ng	0.00
78) Terphenyl-d14	19.63	244	899044	86.61	ng	0.00
Target Compounds						
32) Benzoic acid	9.84	122	273	8.98	ng	87
83) Bis(2-ethylhexyl)phthalate	21.10	149	78053	6.94	ng	99

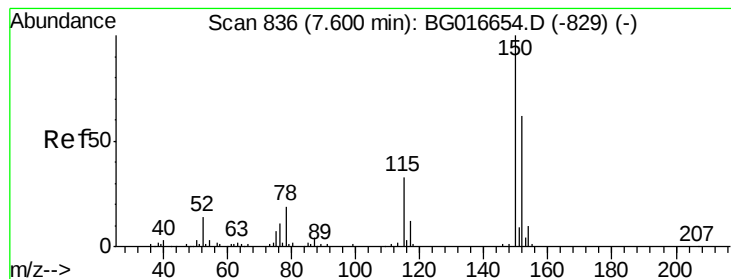
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG016694.D

Acq: 24 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

SOIL-PIT

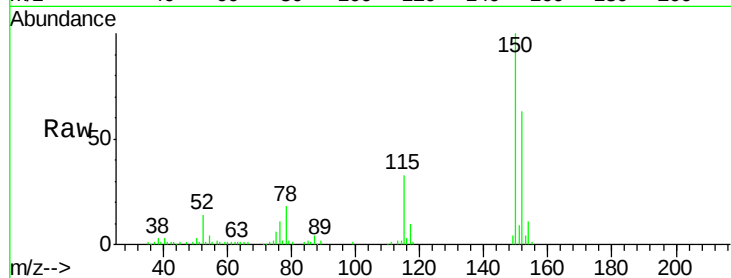
Tgt Ion:152 Resp: 49452

Ion Ratio Lower Upper

152 100

150 159.5 129.6 194.4

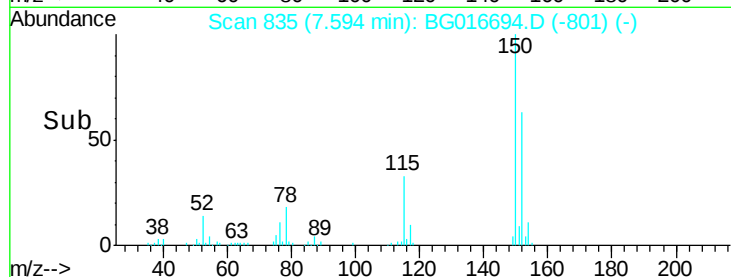
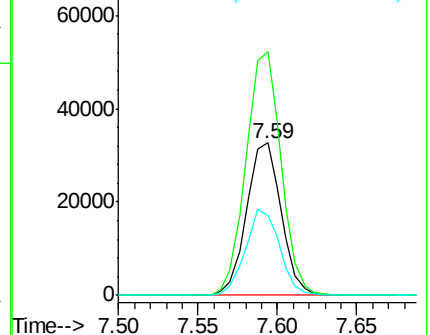
115 52.6 43.0 64.6



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: 125.52 ng

RT: 5.18 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016694.D

Acq: 24 Apr 2015 21:38

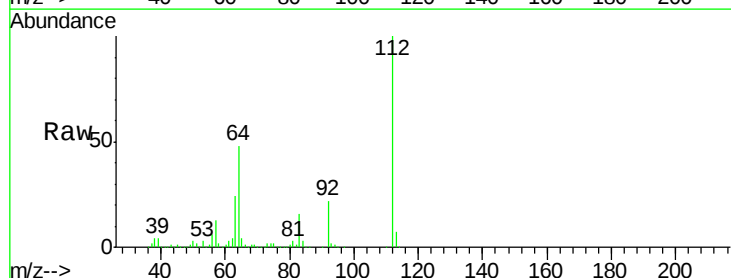
Tgt Ion:112 Resp: 382504

Ion Ratio Lower Upper

112 100

64 47.8 38.3 57.5

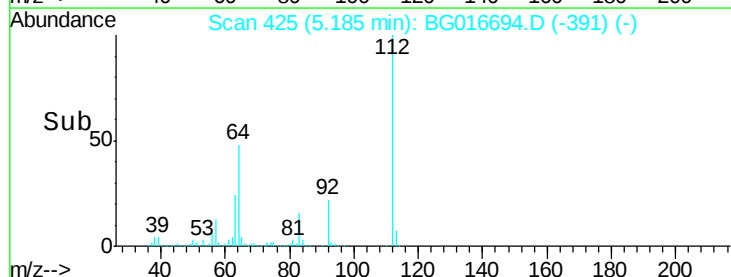
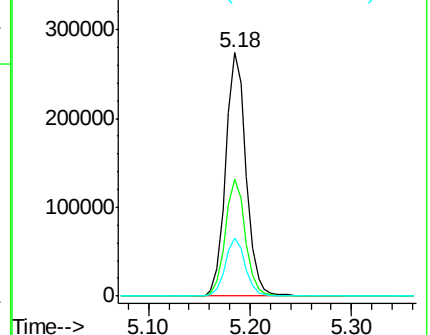
63 23.9 18.9 28.3

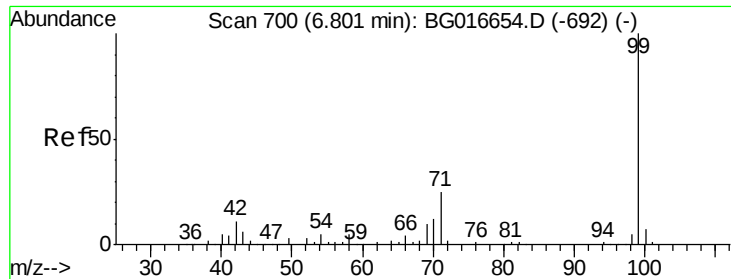


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.75 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG016694.D

Acq: 24 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

SOIL-PIT

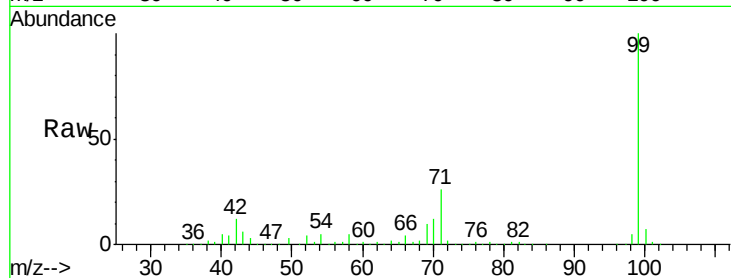
Tgt Ion: 99 Resp: 473499

Ion Ratio Lower Upper

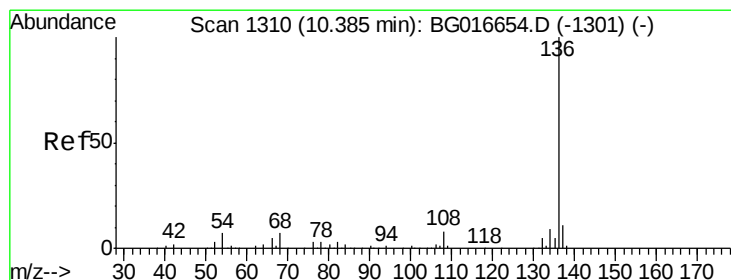
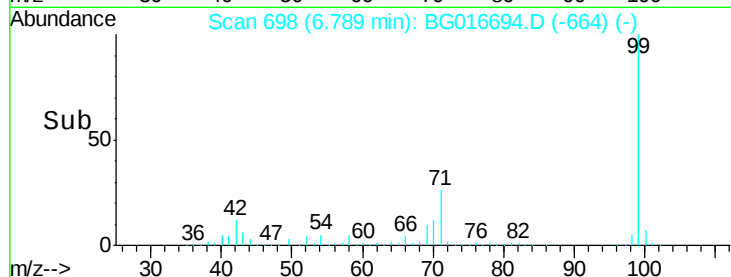
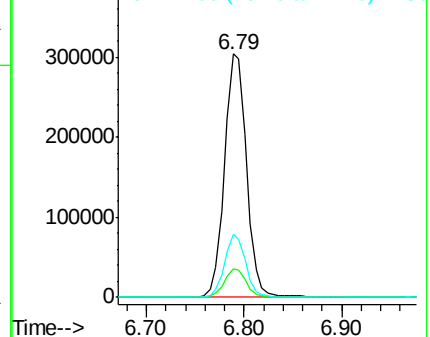
99 100

42 11.8 8.8 13.2

71 25.8 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: BG016694.D

Acq: 24 Apr 2015 21:38

Tgt Ion: 136 Resp: 210081

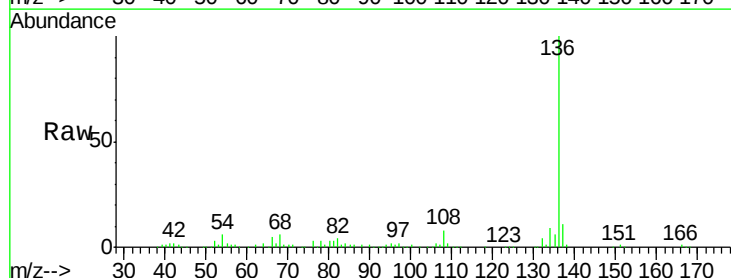
Ion Ratio Lower Upper

136 100

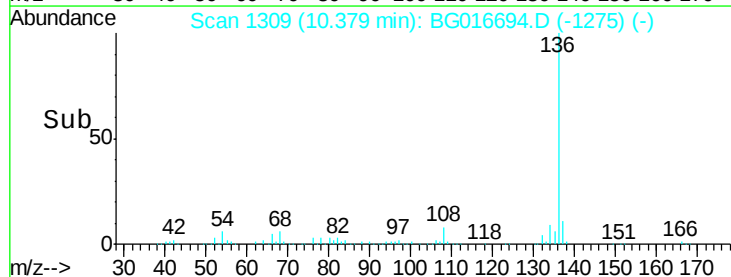
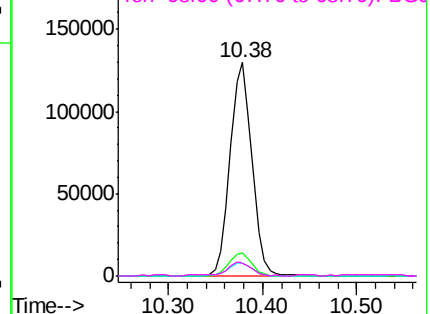
137 10.9 8.5 12.7

54 6.0 5.4 8.2

68 6.0 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

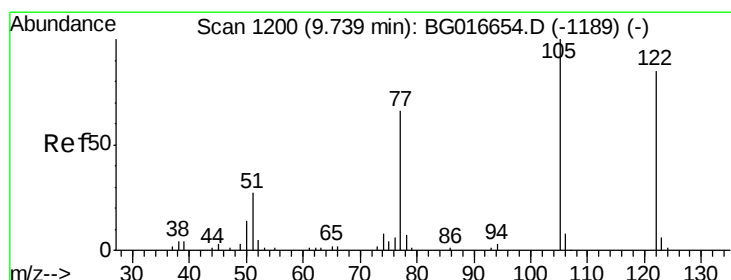
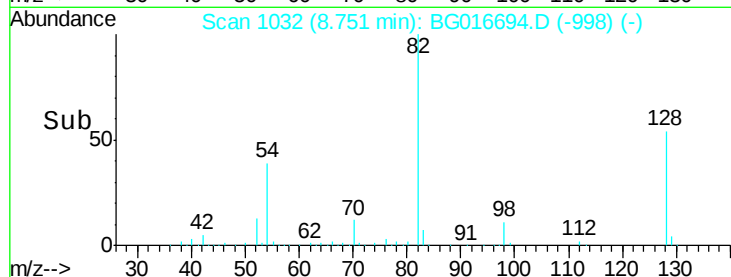
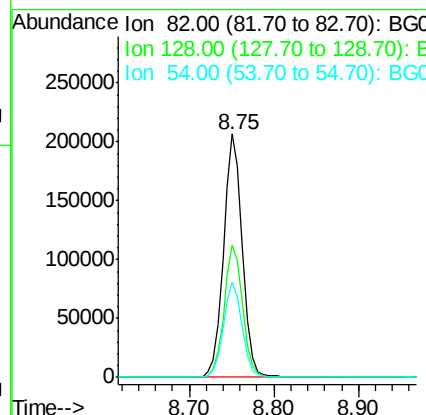
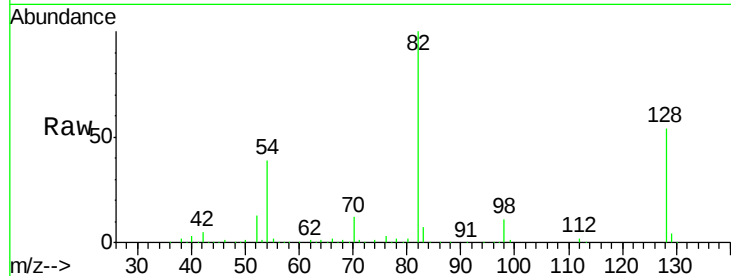




#23
 Nitrobenzene-d5
 Concen: 95.91 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

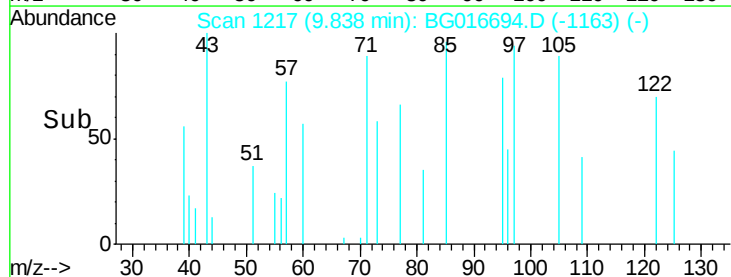
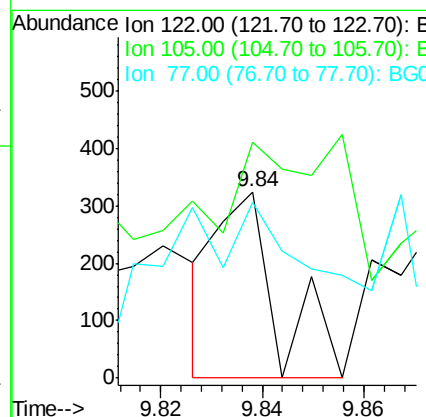
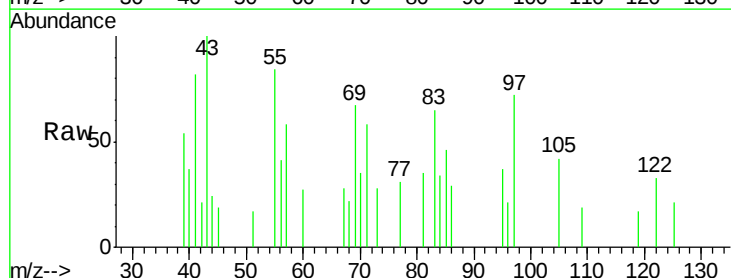
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PIT

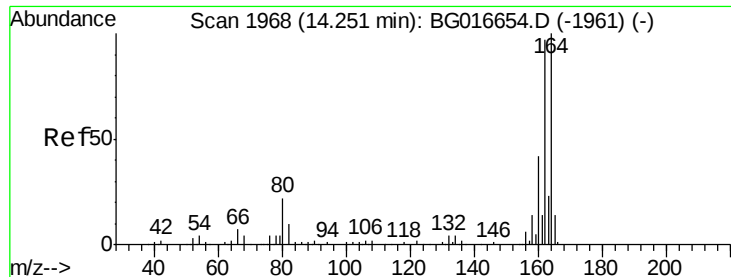
Tgt Ion: 82 Resp: 318884
 Ion Ratio Lower Upper
 82 100
 128 54.3 44.7 67.1
 54 38.8 30.9 46.3



#32
 Benzoic acid
 Concen: 8.98 ng
 RT: 9.84 min Scan# 1217
 Delta R.T. 0.12 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

Tgt Ion: 122 Resp: 273
 Ion Ratio Lower Upper
 122 100
 105 126.9 97.2 137.2
 77 94.4 58.4 98.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG016694.D

Acq: 24 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

SOIL-PIT

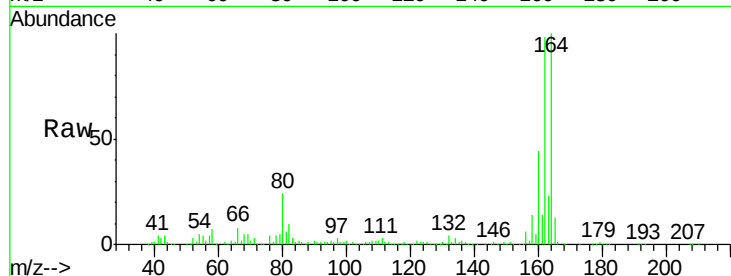
Tgt Ion:164 Resp: 123442

Ion Ratio Lower Upper

164 100

162 98.0 77.3 115.9

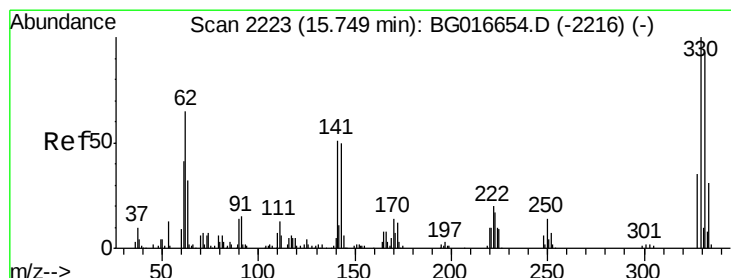
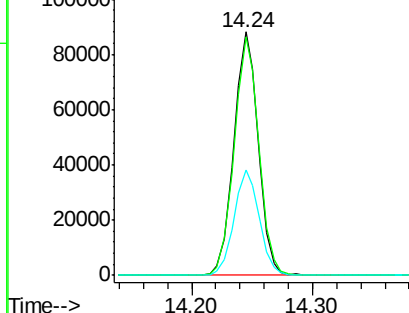
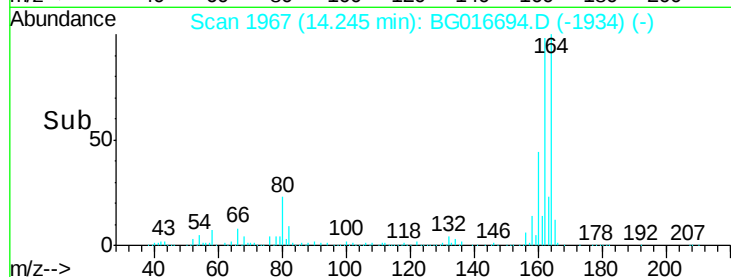
160 43.5 33.7 50.5



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



#41

2,4,6-Tribromophenol

Concen: 139.51 ng

RT: 15.74 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG016694.D

Acq: 24 Apr 2015 21:38

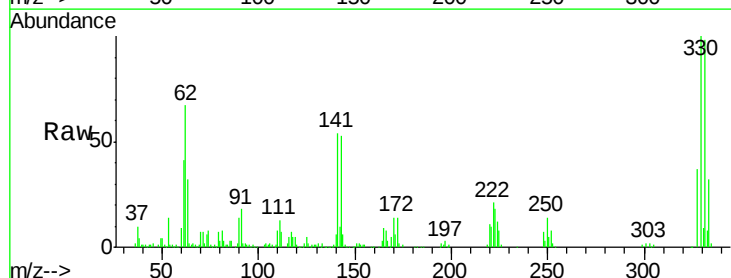
Tgt Ion:330 Resp: 127757

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

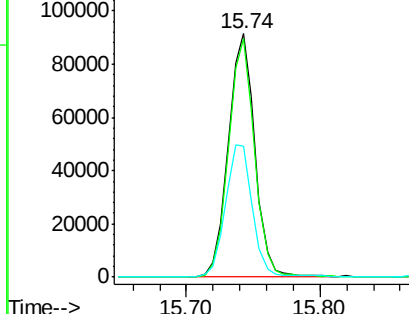
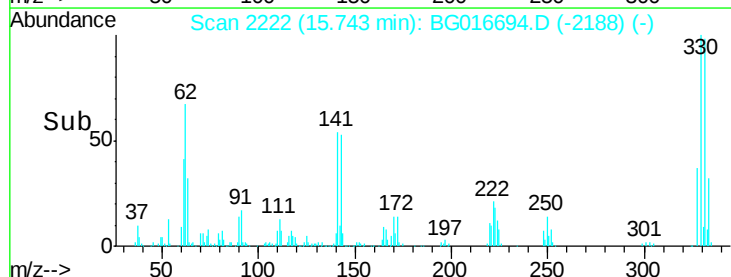
141 56.1 43.0 64.6

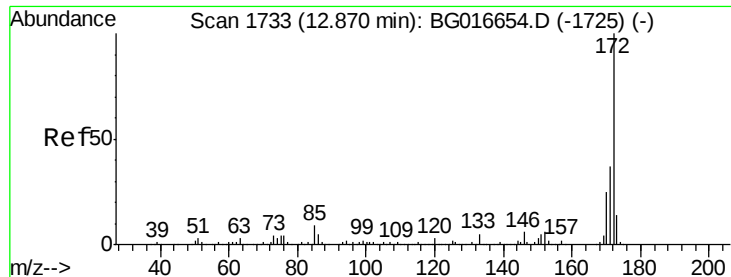


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

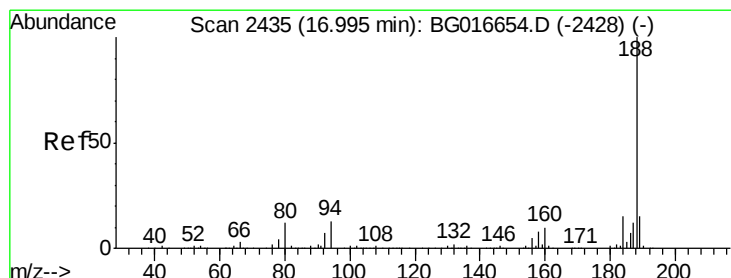
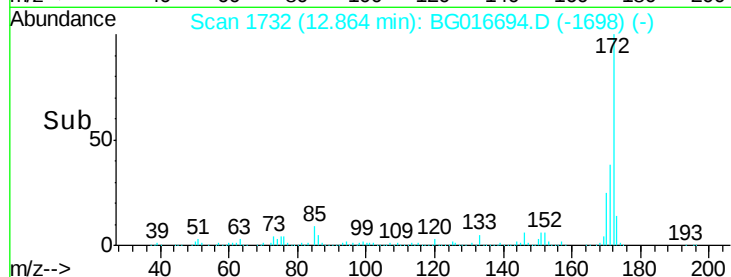
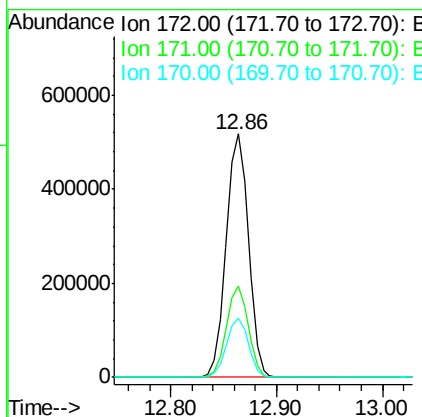
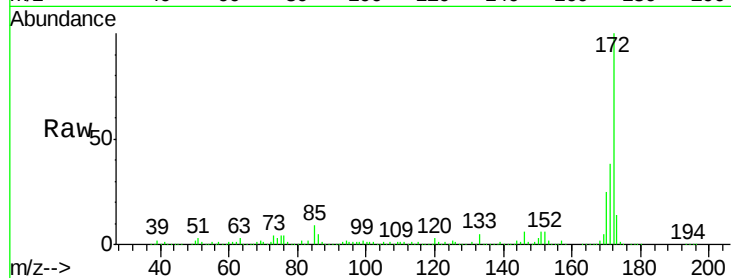




#44
 2-Fluorobiphenyl
 Concen: 98.06 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

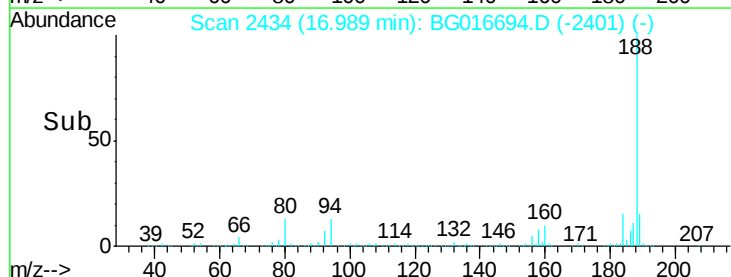
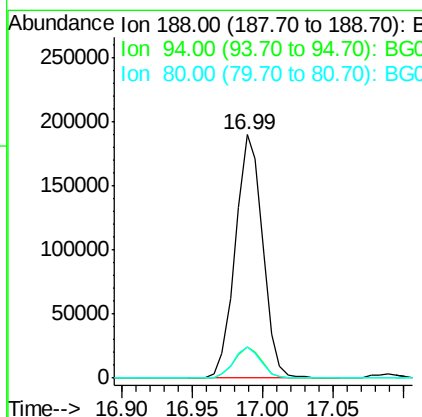
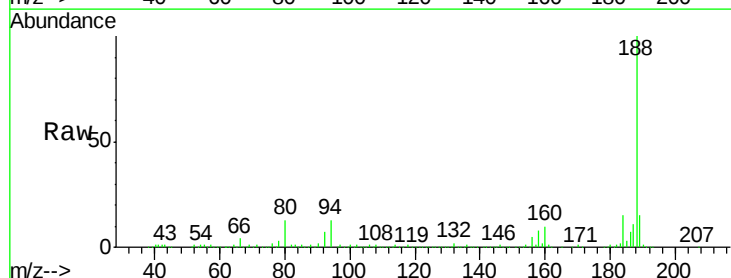
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PIT

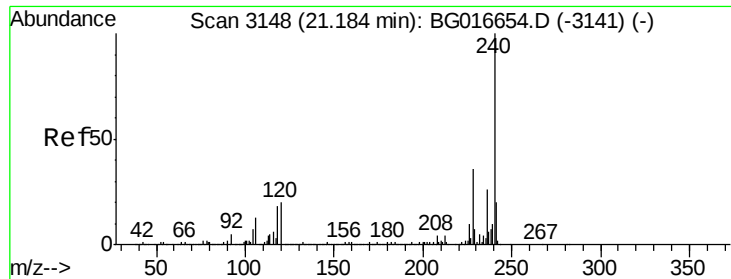
Tgt Ion:172 Resp: 753397
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.9 44.9
 170 24.6 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.99 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

Tgt Ion:188 Resp: 255275
 Ion Ratio Lower Upper
 188 100
 94 12.7 10.7 16.1
 80 12.8 9.9 14.9

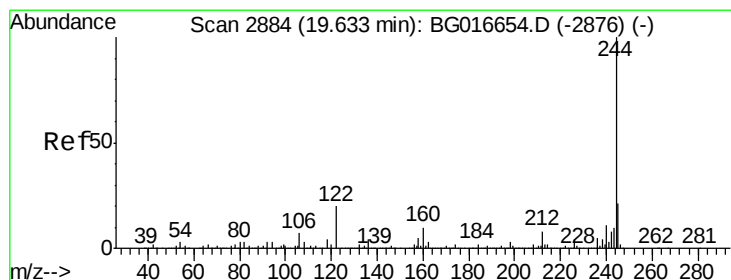
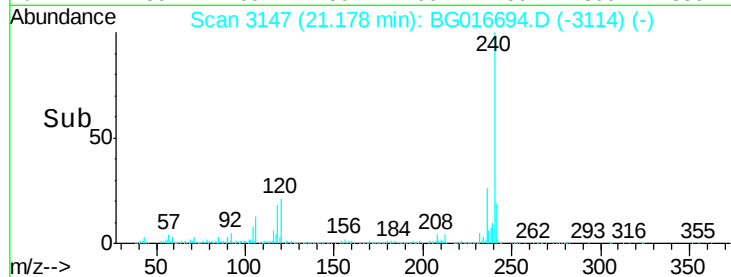
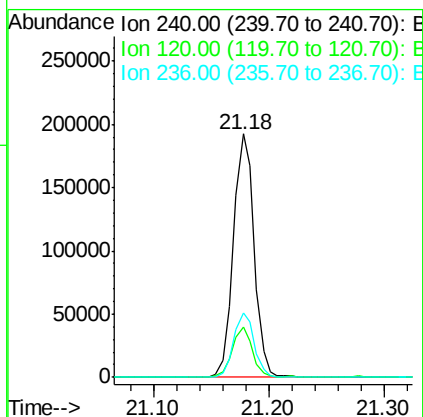
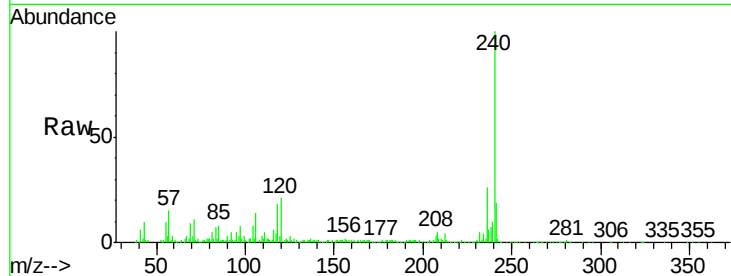




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016694.D
Acq: 24 Apr 2015 21:38

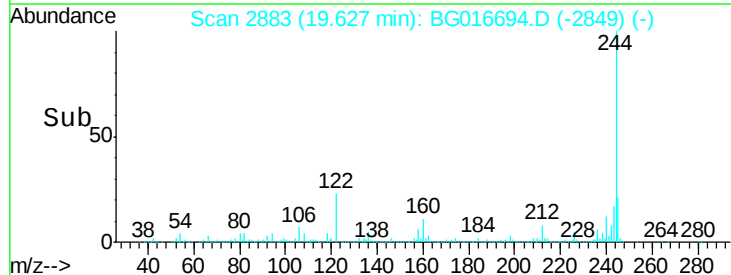
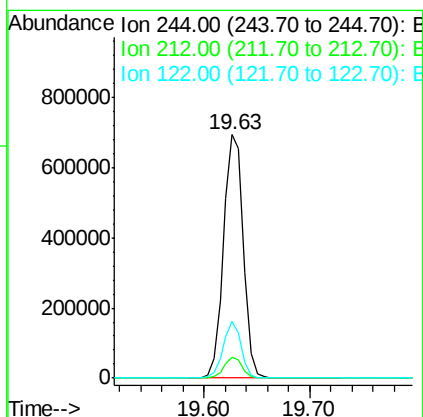
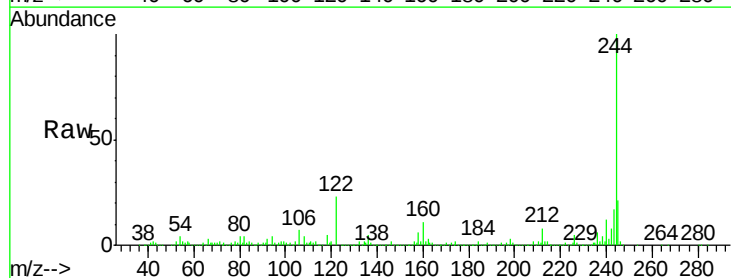
Instrument :
BNA_G
ClientSampled :
SOIL-PIT

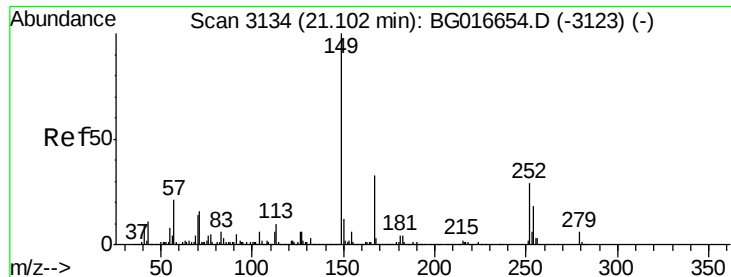
Tgt Ion:240 Resp: 239104
Ion Ratio Lower Upper
240 100
120 20.9 16.3 24.5
236 26.3 21.1 31.7



#78
Terphenyl-d14
Concen: 86.61 ng
RT: 19.63 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG016694.D
Acq: 24 Apr 2015 21:38

Tgt Ion:244 Resp: 899044
Ion Ratio Lower Upper
244 100
212 8.5 6.4 9.6
122 23.0 15.9 23.9

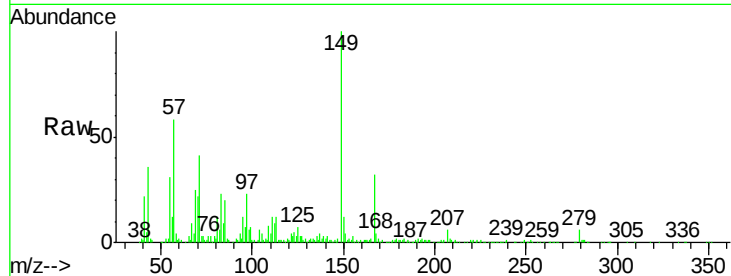




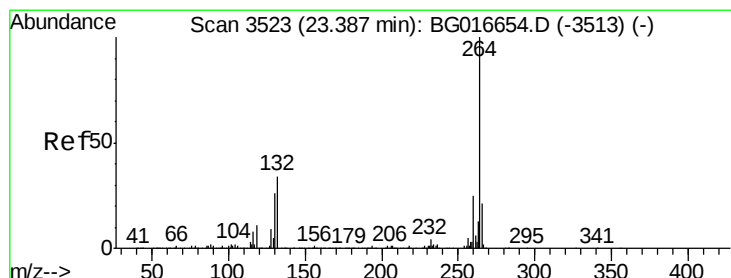
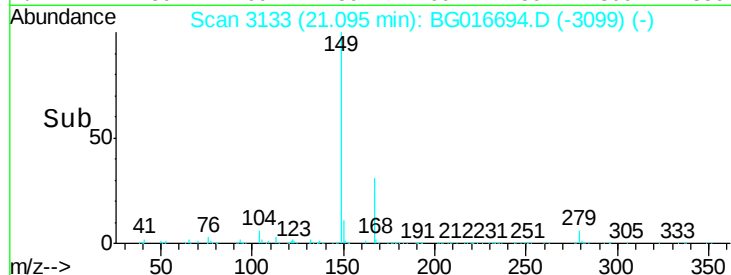
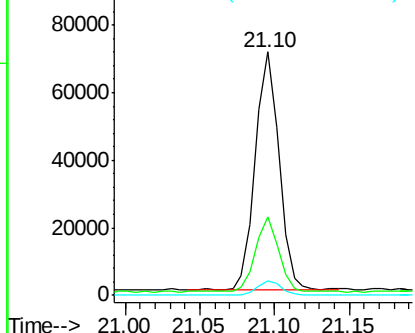
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.94 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PIT

Tgt Ion:149 Resp: 78053
 Ion Ratio Lower Upper
 149 100
 167 32.4 26.6 39.8
 279 5.9 5.1 7.7

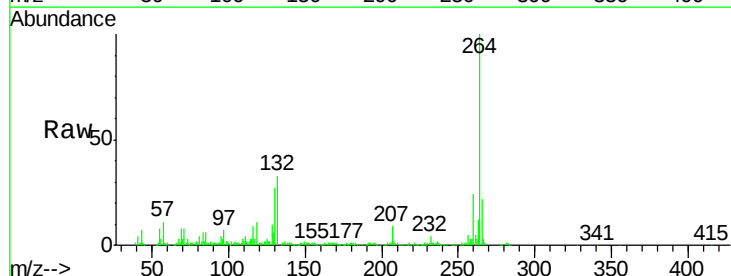


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 3522
 Delta R.T. -0.01 min
 Lab File: BG016694.D
 Acq: 24 Apr 2015 21:38

Tgt Ion:264 Resp: 226783
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 22.5 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

