

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035745.D
 Acq On : 19 Jul 2018 9:30
 Operator : JU/SJ
 Sample : J4019-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HS-SOIL

Quant Time: Jul 19 11:59:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48074	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166354	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	118403	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	327111	20.00	ng	0.00
75) Chrysene-d12	21.67	240	353635	20.00	ng	0.00
86) Perylene-d12	24.88	264	331737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	400631	138.36	ng	0.00
7) Phenol-d6	7.21	99	494213	114.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	408784	102.65	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	243938	156.31	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	910397	103.01	ng	0.00
78) Terphenyl-d14	20.01	244	1676957	104.53	ng	0.00

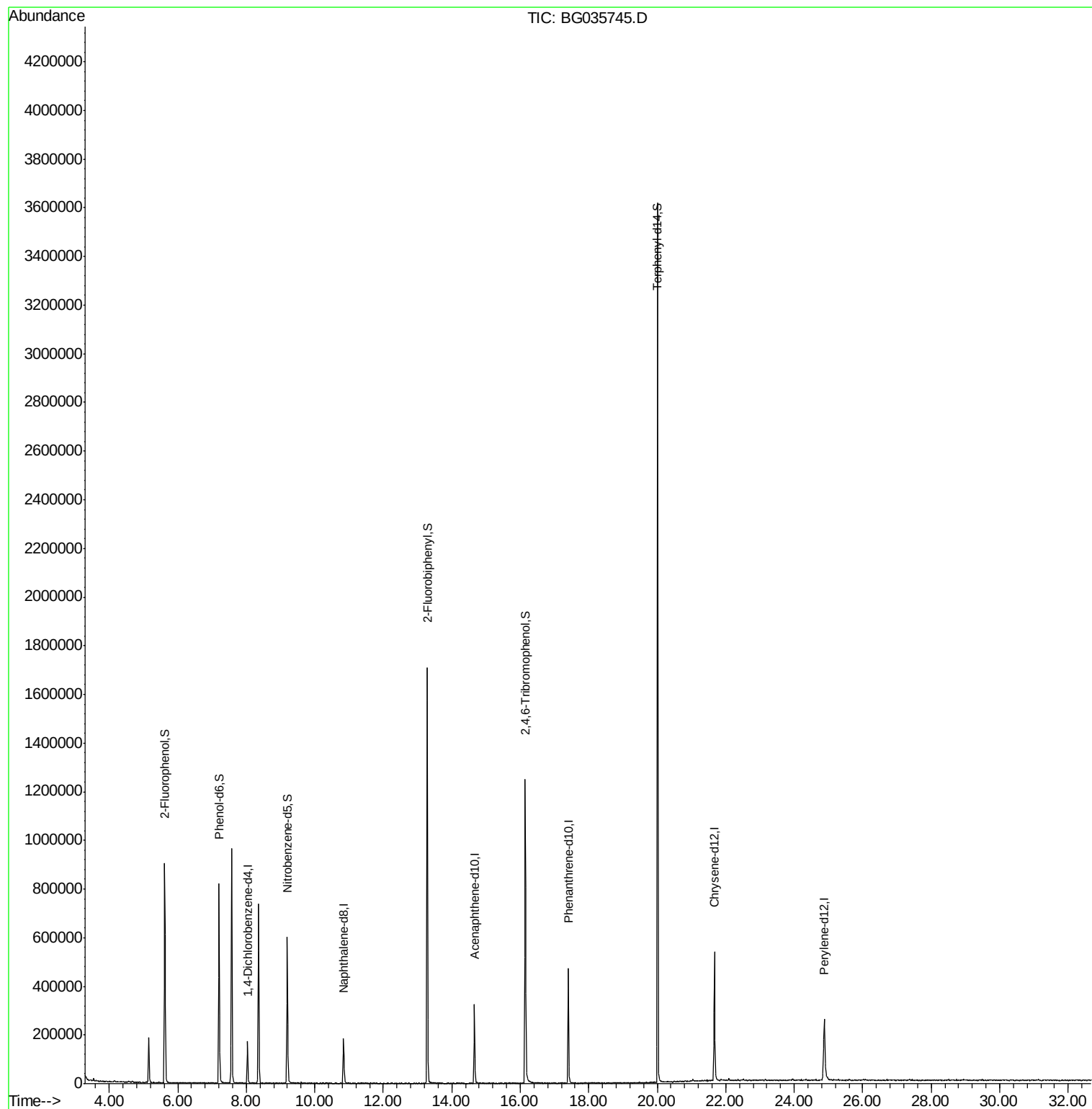
Target Compounds Qvalue

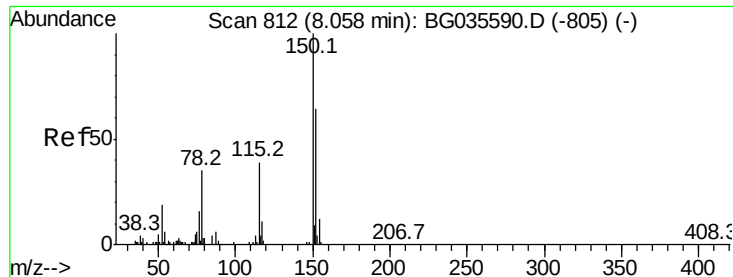
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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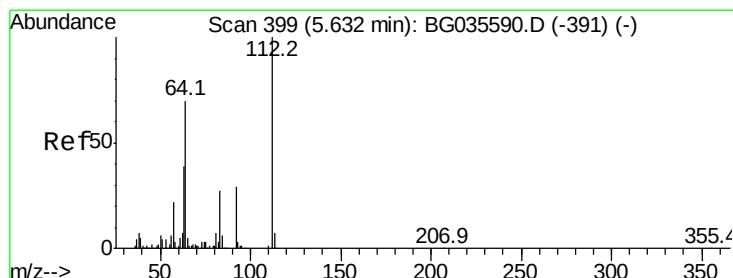
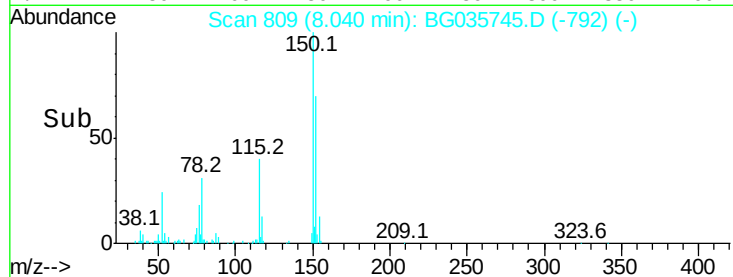
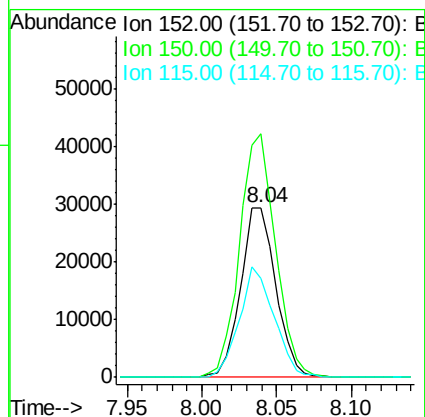
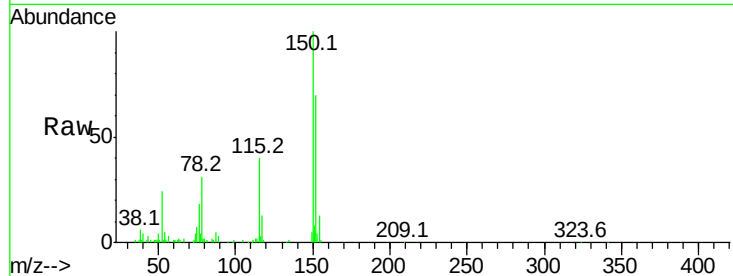


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG035745.D
Acq: 19 Jul 2018 9:30

Instrument :
BNA_G
ClientSampleId :
HS-SOIL

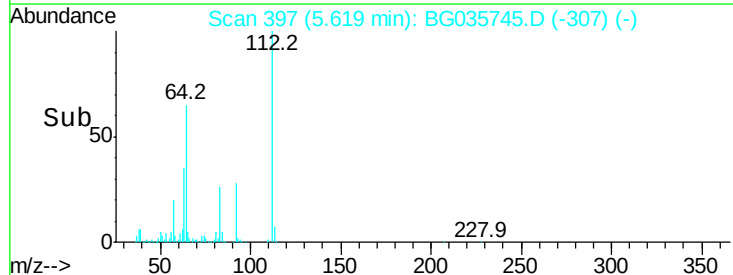
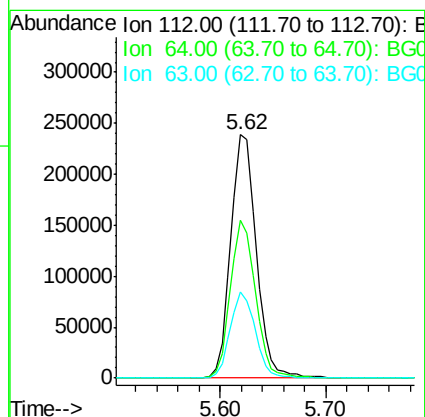
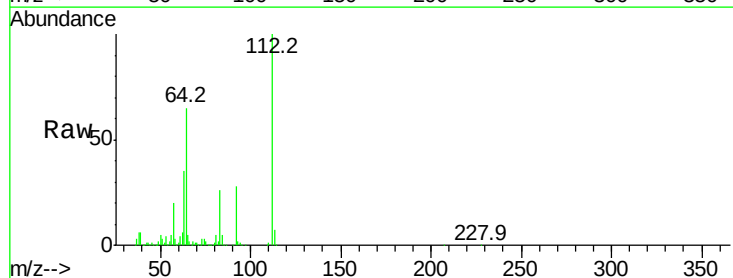
Tot Ion:152 Resp: 48074
Ion Ratio Lower Upper
152 100
150 143.3 126.6 189.8
115 58.0 53.0 79.4

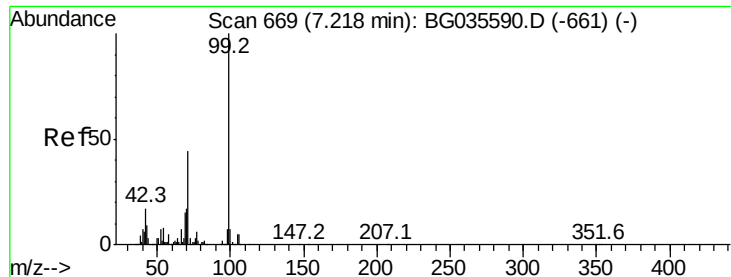


#5

2-Fluorophenol
Concen: 138.358 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG035745.D
Acq: 19 Jul 2018 9:30

Tgt Ion:112 Resp: 400631
Ion Ratio Lower Upper
112 100
64 64.9 56.3 84.5
63 35.3 30.1 45.1





#7

Phenol-d6

Concen: 114.395 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035745.D

Acq: 19 Jul 2018 9:30

Instrument :

BNA_G

ClientSampleId :

HS-SOIL

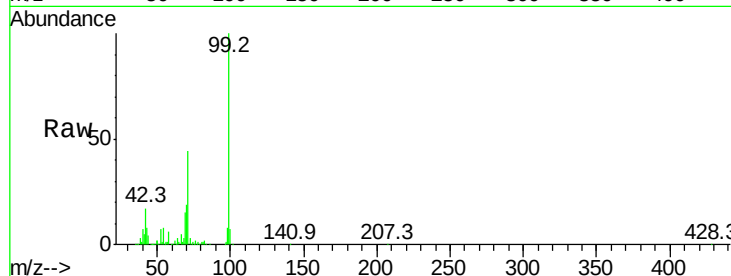
Tot Ion: 99 Resp: 494213

Ion Ratio Lower Upper

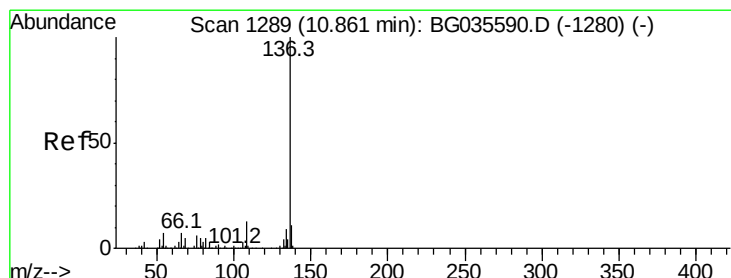
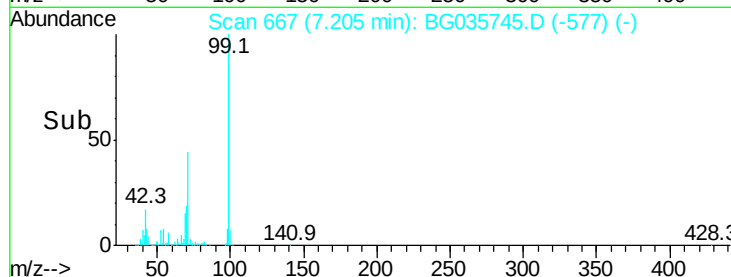
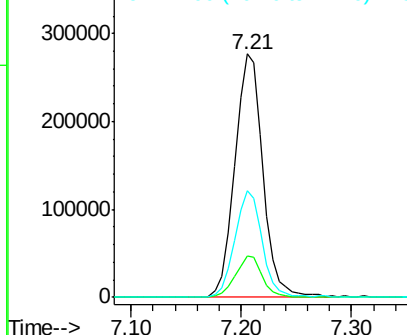
99 100

42 17.2 14.1 21.1

71 43.8 26.1 39.1#



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: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035745.D

Acq: 19 Jul 2018 9:30

Tgt Ion: 136 Resp: 166354

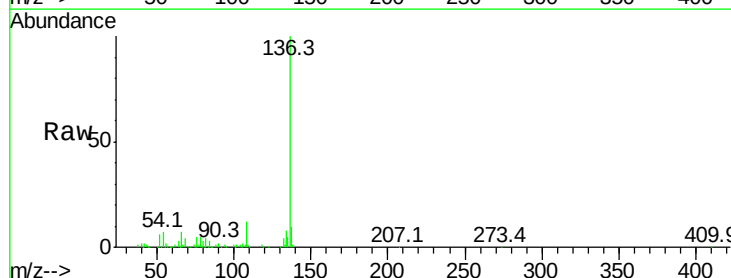
Ion Ratio Lower Upper

136 100

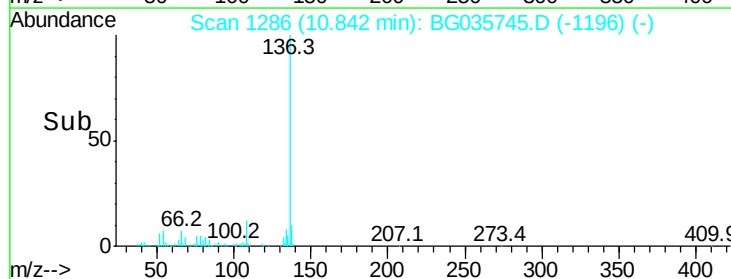
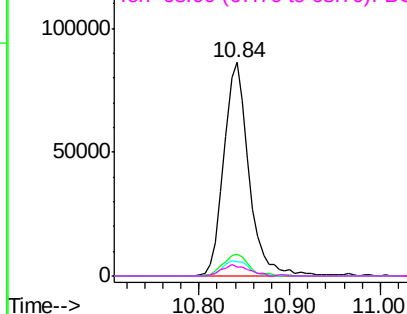
137 10.1 9.2 13.8

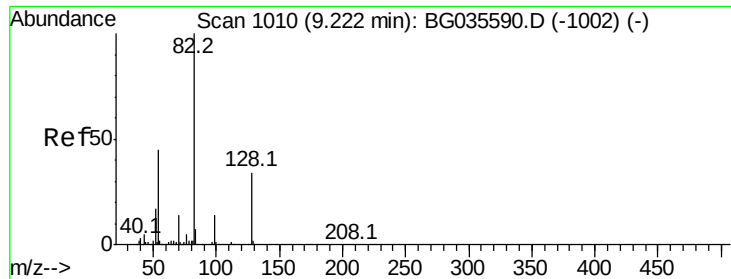
54 6.6 10.3 15.5#

68 4.4 4.5 6.7#



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

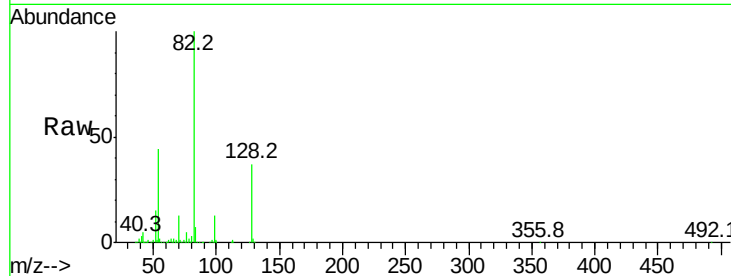




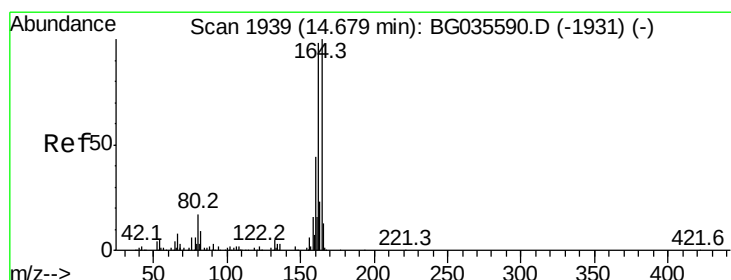
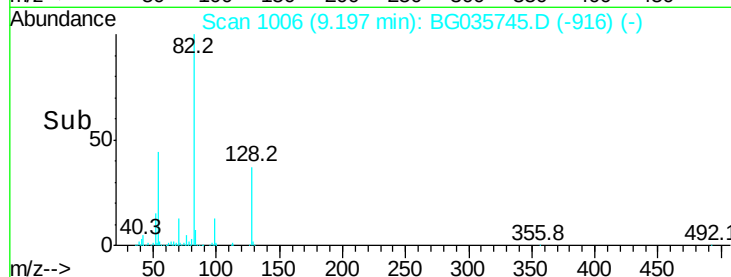
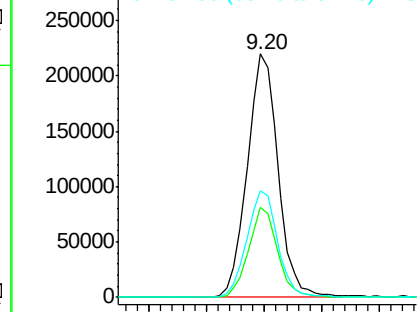
#23
 Nitrobenzene-d5
 Concen: 102.654 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG035745.D
 Acq: 19 Jul 2018 9:30

Instrument :
 BNA_G
 ClientSampleId :
 HS-SOIL

Tot Ion	82	Resp	408784
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	43.9	43.1	64.7

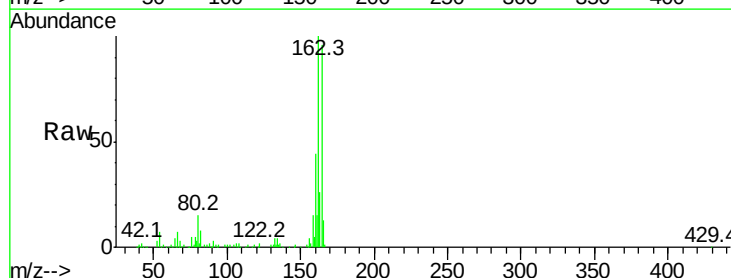


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

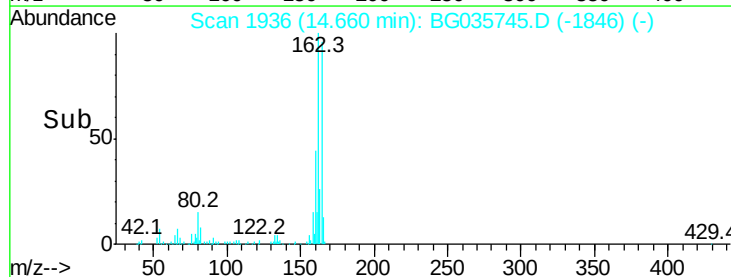
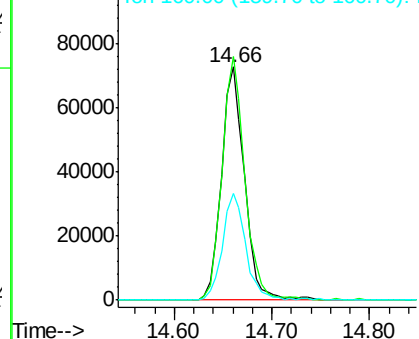


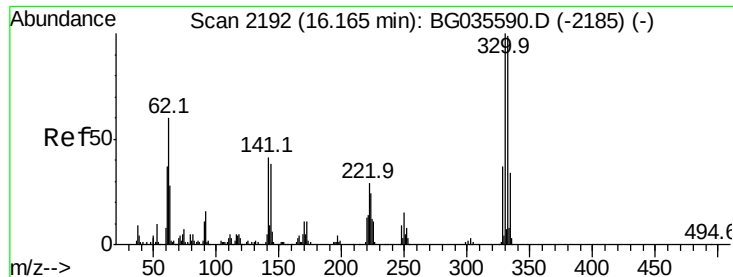
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BG035745.D
 Acq: 19 Jul 2018 9:30

Tgt Ion	164	Resp	118403
Ion Ratio	Lower	Upper	
164	100		
162	104.6	78.8	118.2
160	45.9	35.4	53.0



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

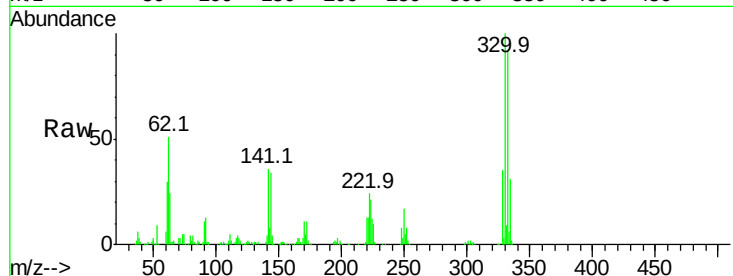




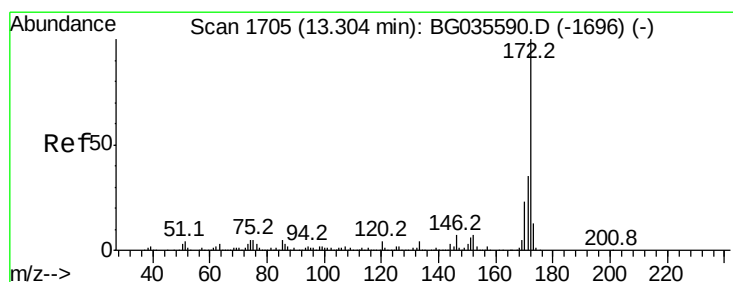
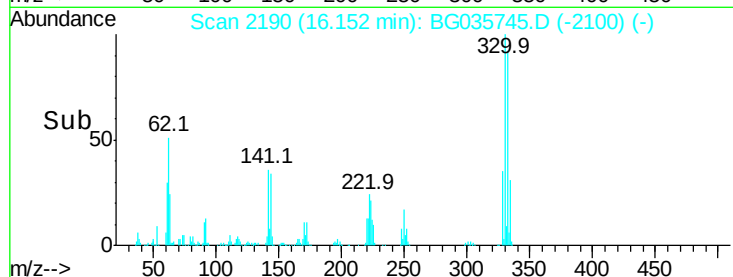
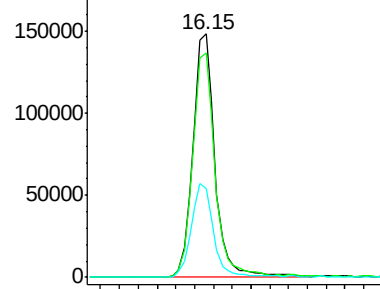
#41
 2,4,6-Tribromophenol
 Concen: 156.308 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035745.D
 Acq: 19 Jul 2018 9:30

Instrument :
 BNA_G
 ClientSampleId :
 HS-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	38.6	25.2	37.8#

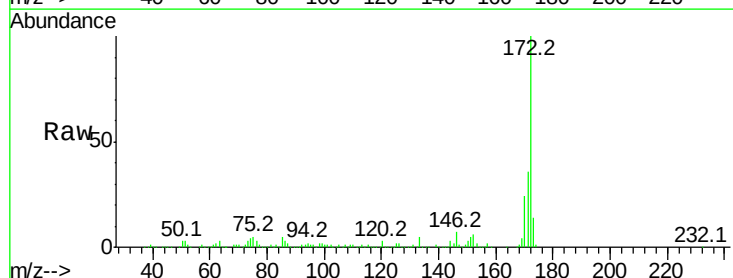


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

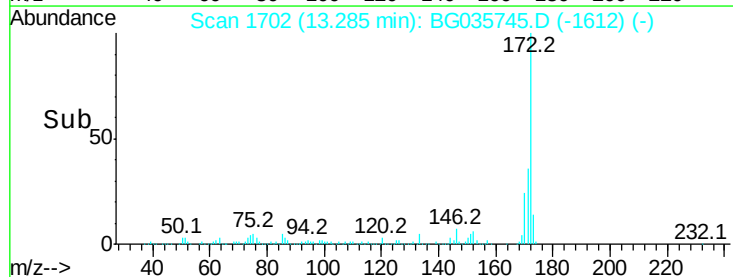
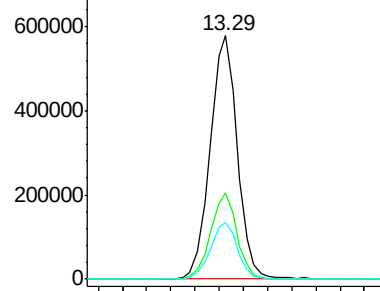


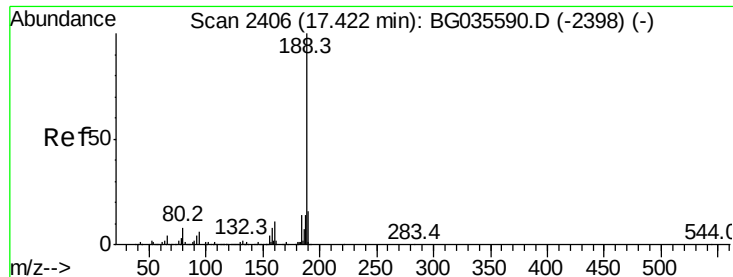
#44
 2-Fluorobiphenyl
 Concen: 103.012 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035745.D
 Acq: 19 Jul 2018 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.6	19.5	29.3



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

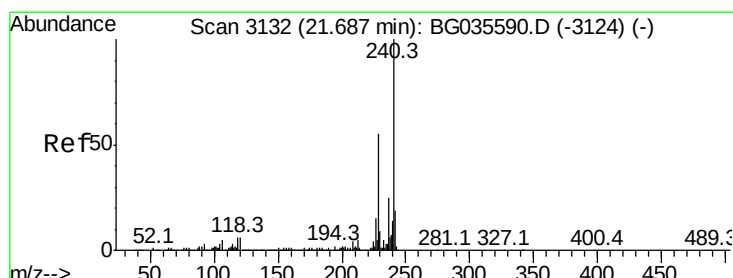
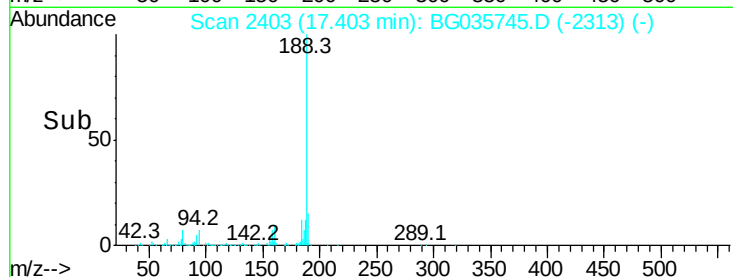
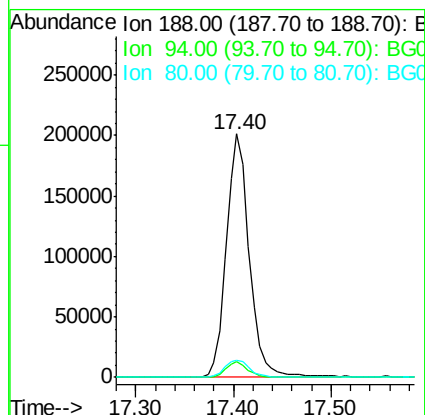
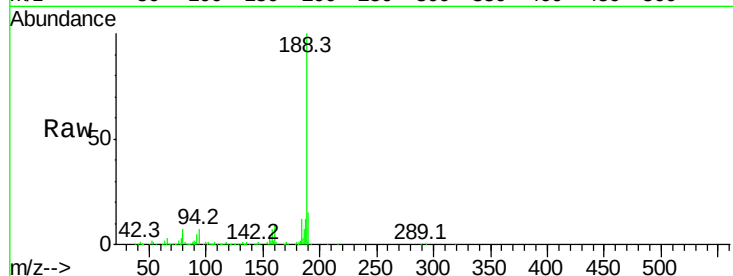




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG035745.D
Acq: 19 Jul 2018 9:30

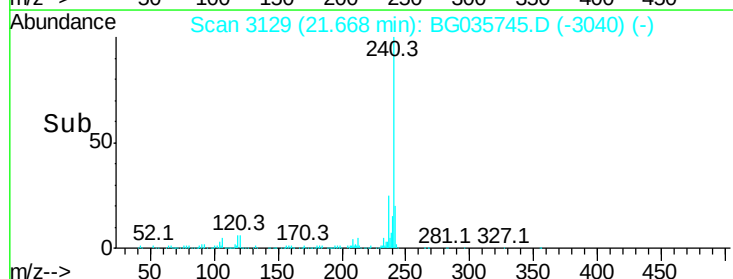
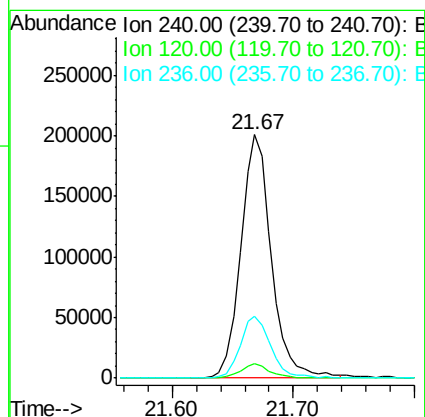
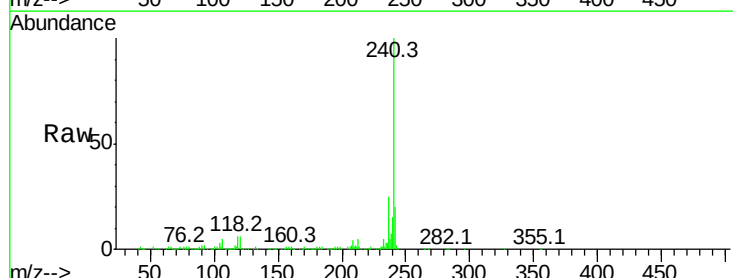
Instrument :
BNA_G
ClientSampleId :
HS-SOIL

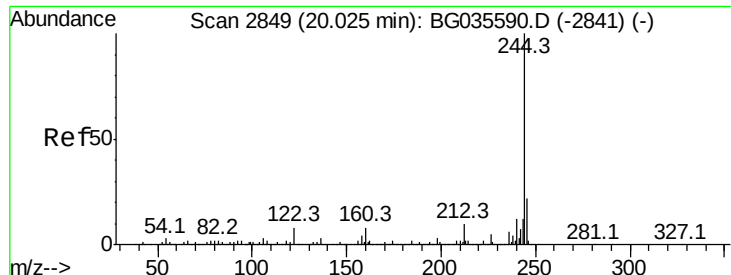
Tot Ion:188 Resp: 327111
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035745.D
Acq: 19 Jul 2018 9:30

Tgt Ion:240 Resp: 353635
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 104.529 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035745.D

Acq: 19 Jul 2018 9:30

Instrument :

BNA_G

ClientSampleId :

HS-SOIL

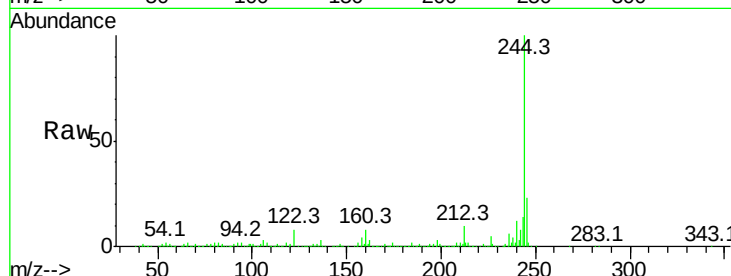
Tot Ion:244 Resp: 1676957

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

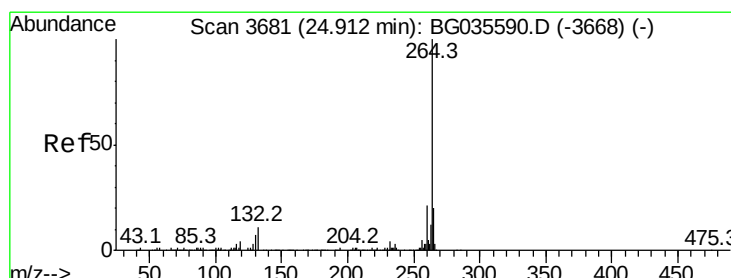
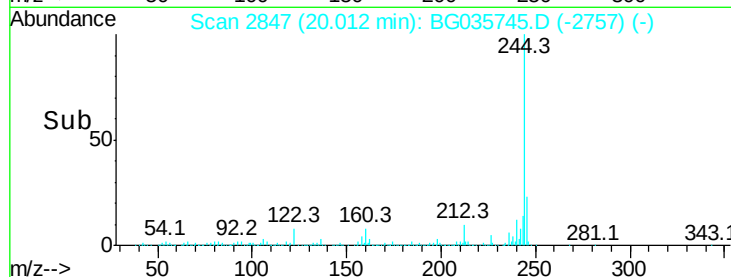
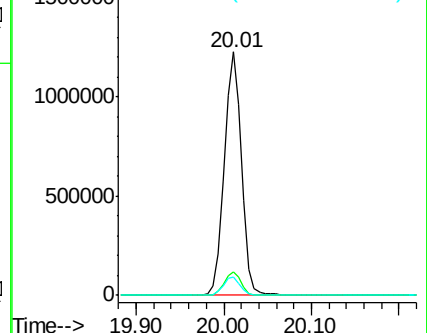
122 7.6 7.0 10.4



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: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035745.D

Acq: 19 Jul 2018 9:30

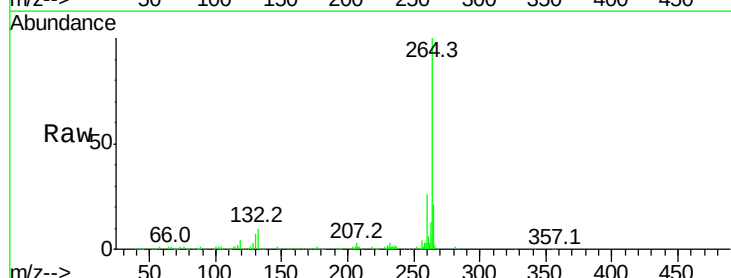
Tgt Ion:264 Resp: 331737

Ion Ratio Lower Upper

264 100

260 26.2 17.4 26.0#

265 21.1 17.7 26.5



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

