

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035877.D
 Acq On : 25 Jul 2018 17:10
 Operator : JU/SJ
 Sample : J4119-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 18:02:32 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33042	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124302	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93324	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	288697	20.00	ng	0.00
75) Chrysene-d12	21.66	240	307245	20.00	ng	0.00
86) Perylene-d12	24.85	264	293767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238910	120.04	ng	0.00
7) Phenol-d6	7.19	99	309533	104.24	ng	0.00
23) Nitrobenzene-d5	9.18	82	269224	90.48	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200883	163.31	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	665683	95.56	ng	0.00
78) Terphenyl-d14	20.00	244	1431789	102.72	ng	0.00

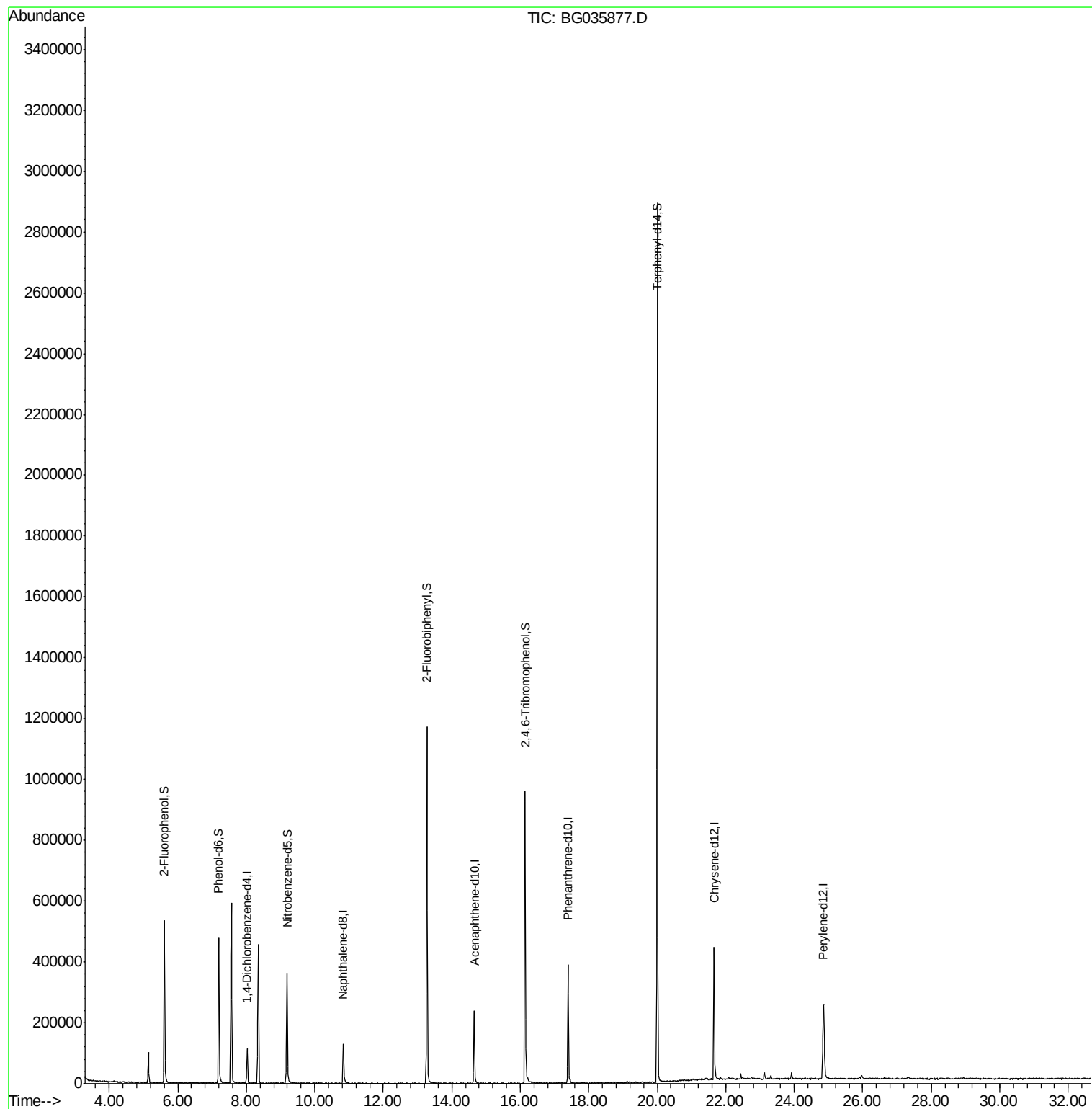
Target Compounds Qvalue

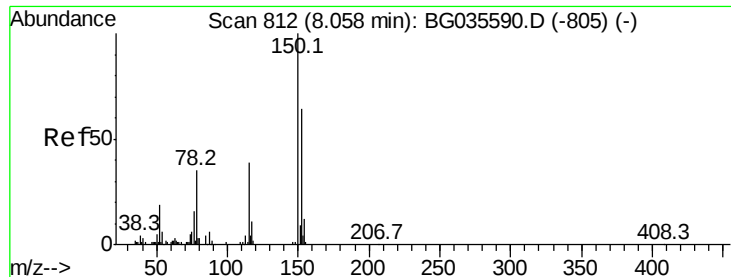
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035877.D
Acq On : 25 Jul 2018 17:10
Operator : JU/SJ
Sample : J4119-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Quant Time: Jul 25 18:02:32 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 25 11:04:14 2018
Response via : Initial Calibration



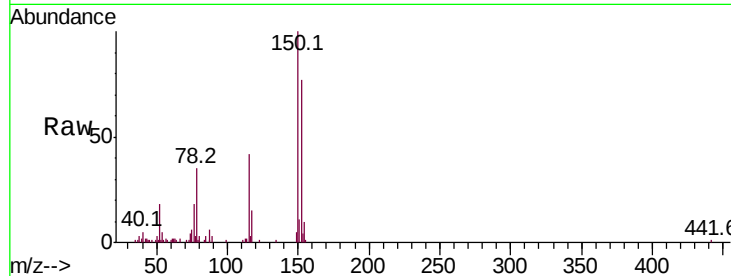


#1

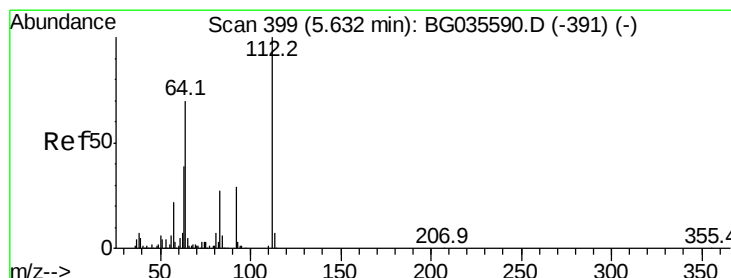
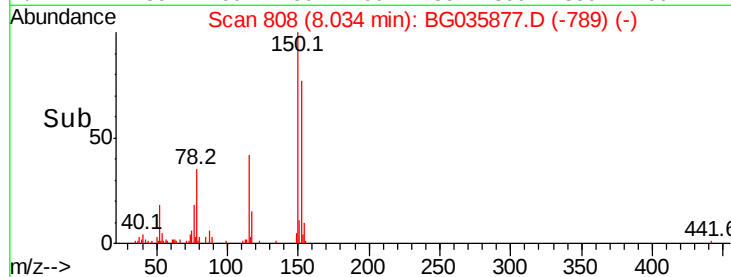
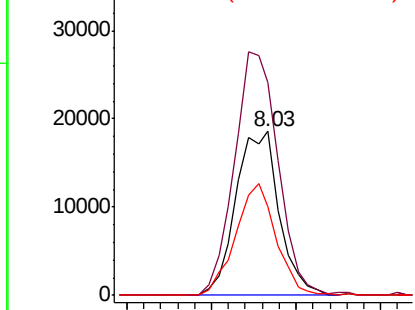
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. 0.01 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tot Ion:152 Resp: 33042
Ion Ratio Lower Upper
152 100
150 130.0 126.6 189.8
115 54.5 53.0 79.4



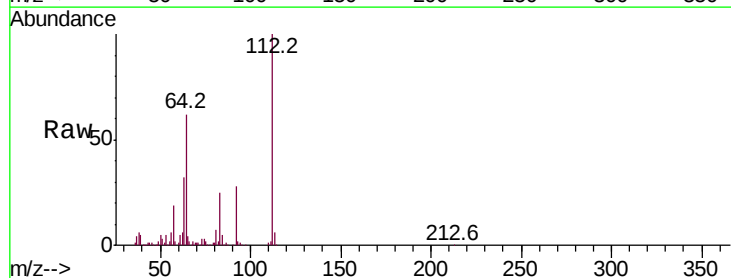
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



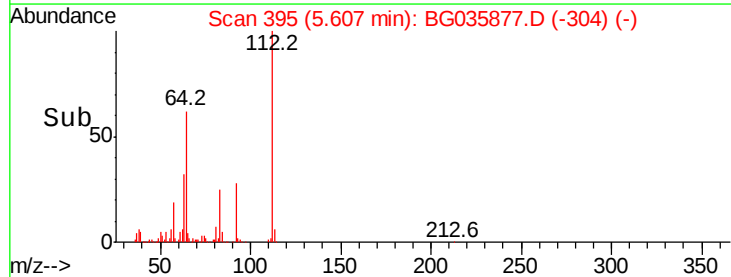
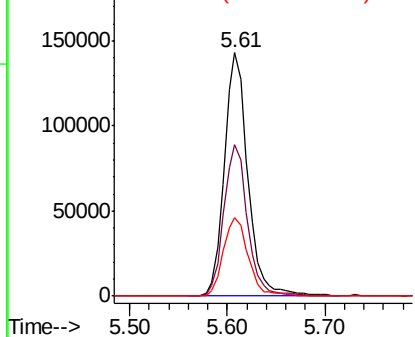
#5

2-Fluorophenol
Concen: 120.043 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:112 Resp: 238910
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 32.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.242 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

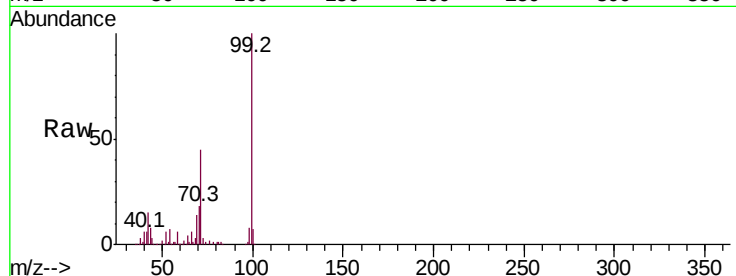
Tot Ion: 99 Resp: 309533

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

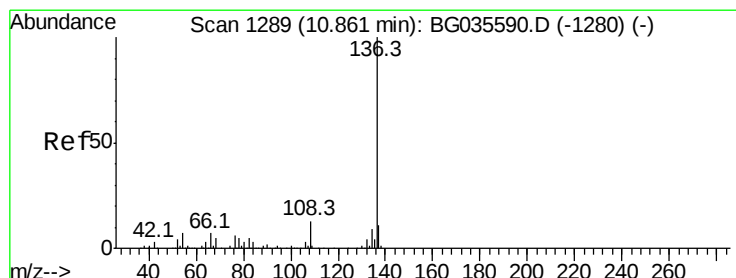
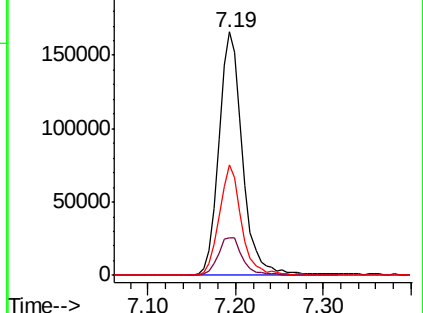
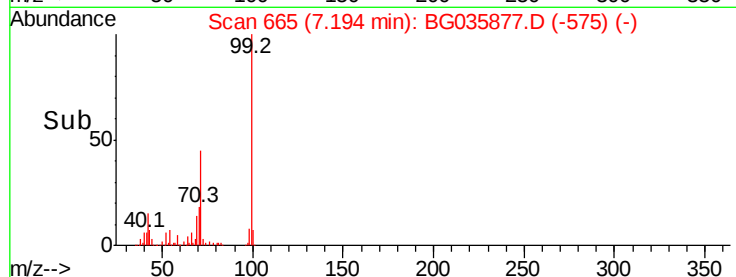
71 45.1 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Tgt Ion:136 Resp: 124302

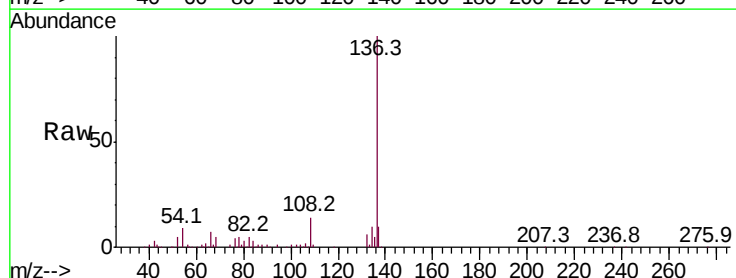
Ion Ratio Lower Upper

136 100

137 9.6 9.2 13.8

54 8.8 10.3 15.5#

68 5.3 4.5 6.7

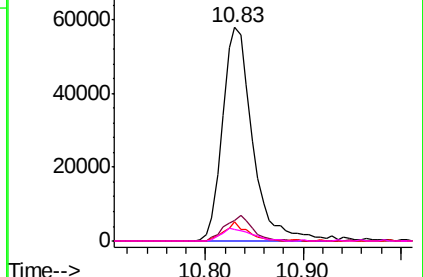
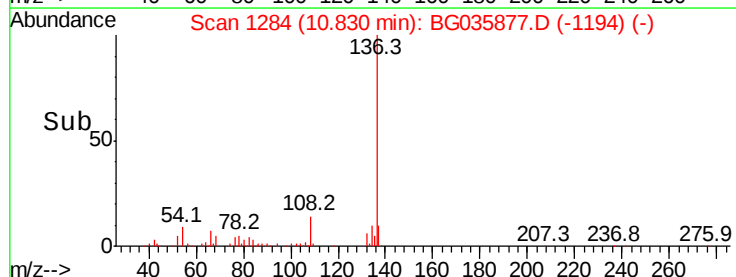


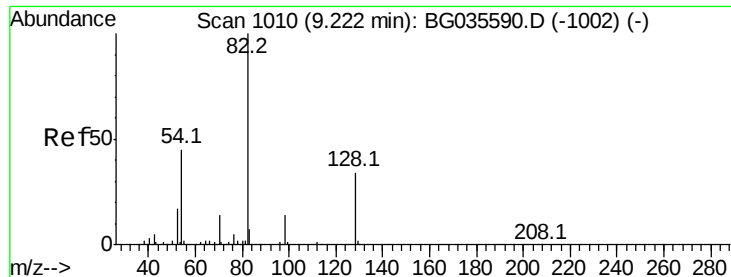
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

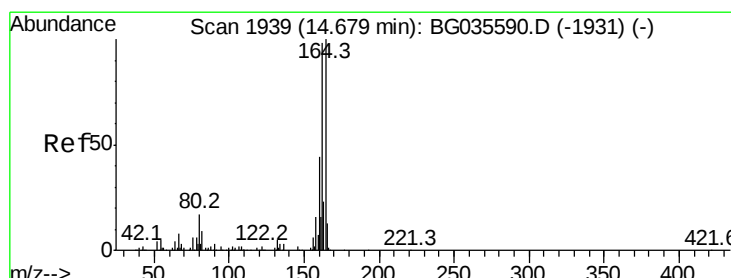
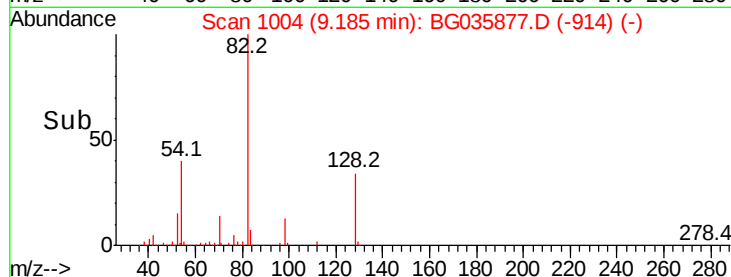
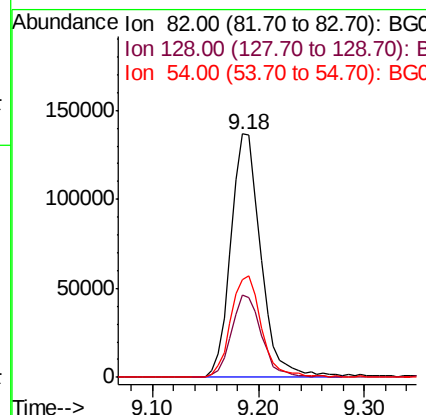
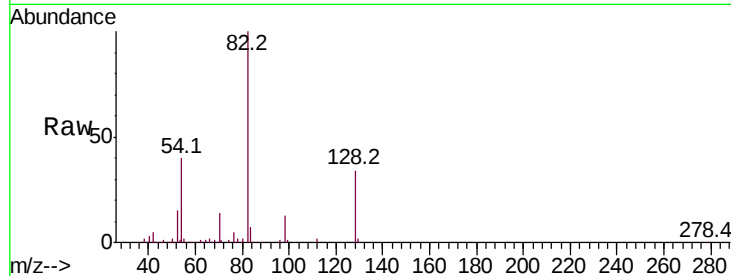




#23
Nitrobenzene-d5
Concen: 90.479 ng
RT: 9.18 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

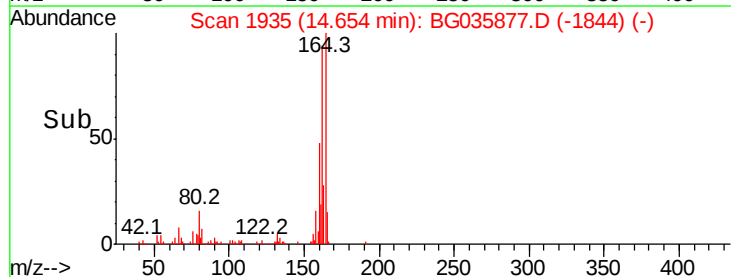
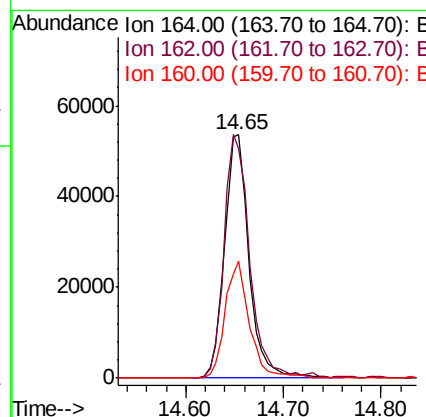
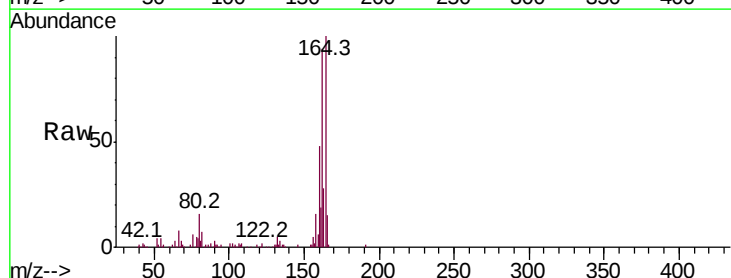
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tot Ion	82	Resp	269224
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	40.1	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion	164	Resp	93324
Ion	Ratio	Lower	Upper
164	100		
162	94.4	78.8	118.2
160	48.1	35.4	53.0

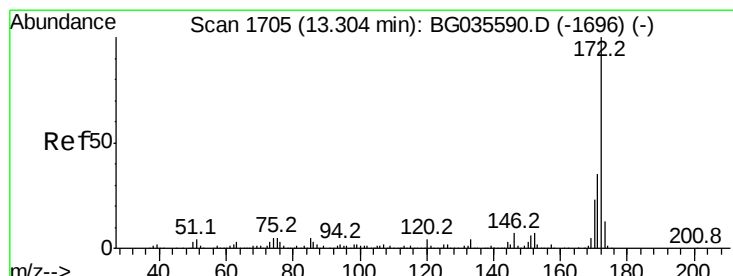
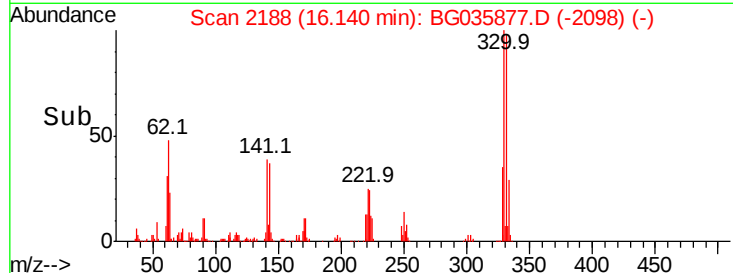
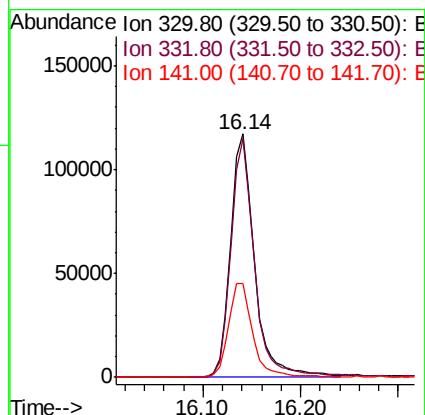
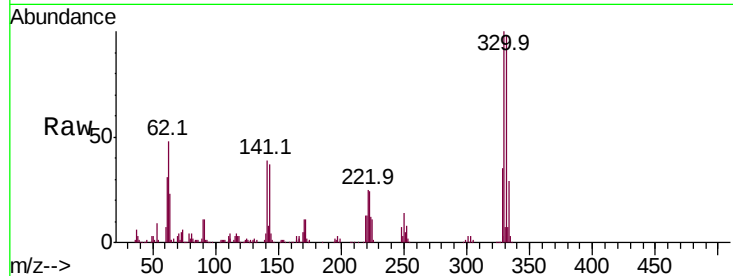




#41
2,4,6-Tribromophenol
Concen: 163.310 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

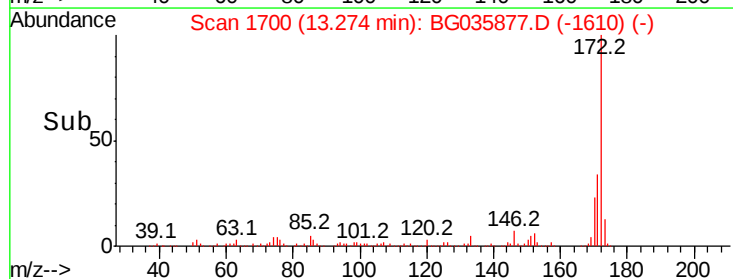
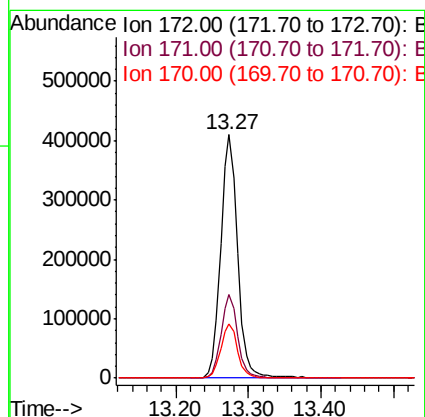
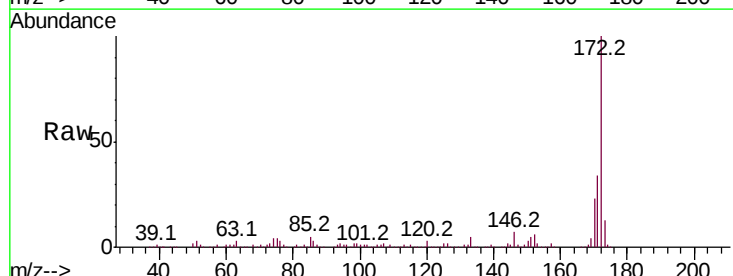
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	38.7	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 95.564 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.5	19.5	29.3

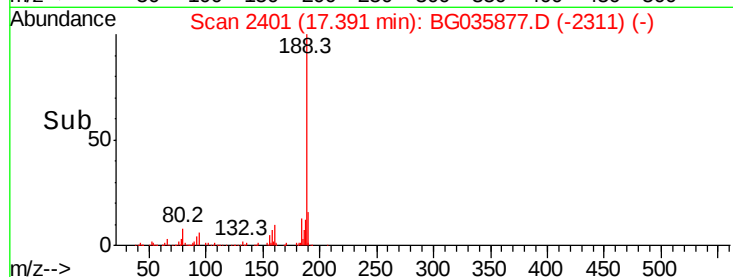
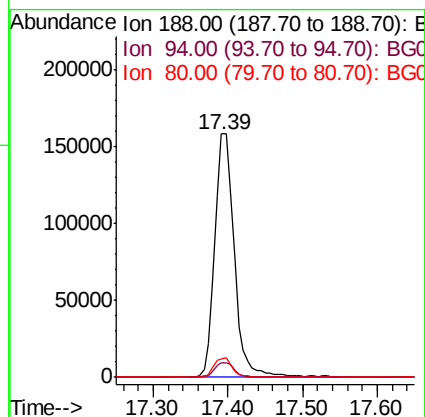
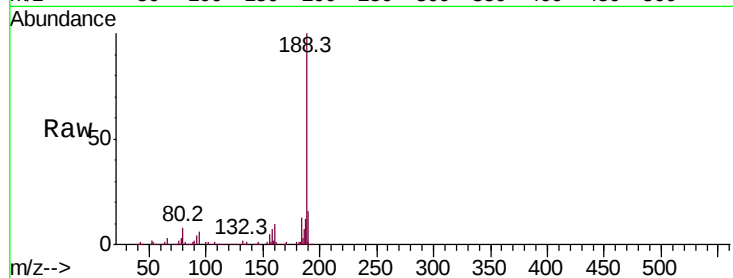




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

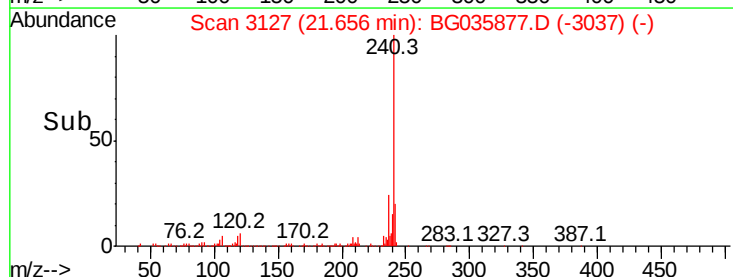
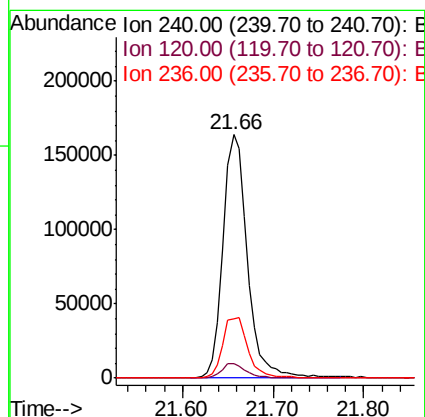
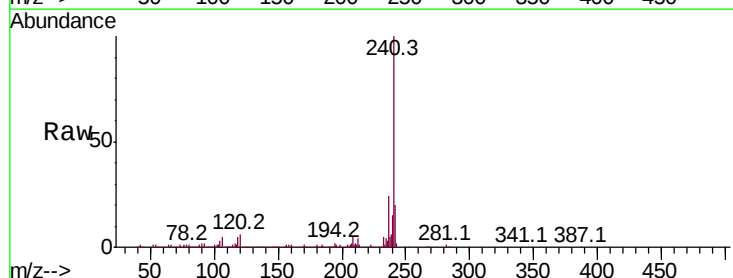
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tot Ion:188 Resp: 288697
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:240 Resp: 307245
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 102.722 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

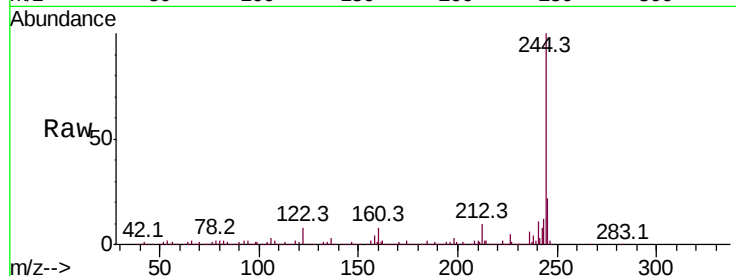
Tot Ion:244 Resp: 1431789

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

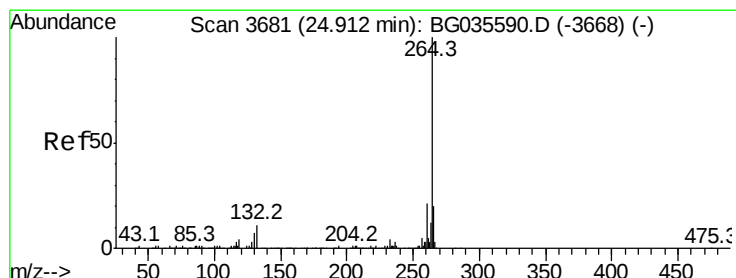
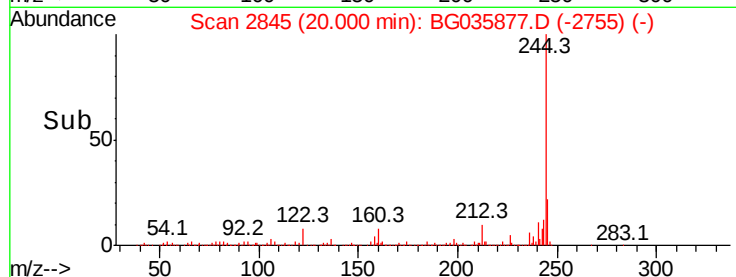
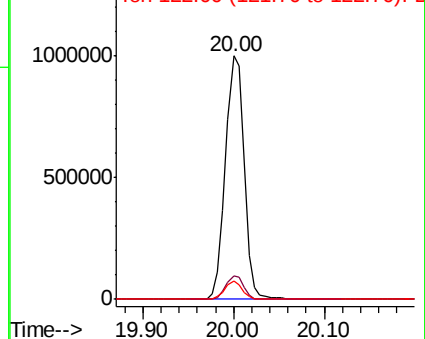
122 7.5 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

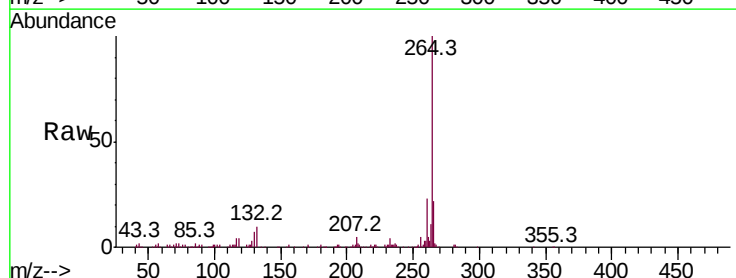
Tgt Ion:264 Resp: 293767

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.8 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

