

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038750.D
 Acq On : 20 Dec 2018 6:17
 Operator : JU/SJ
 Sample : J6453-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-SOIL

Quant Time: Dec 20 07:53:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28480	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	111951	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	74246	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190848	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198661	20.00	ng	0.00
87) Perylene-d12	25.01	264	209241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	214549	133.61	ng	0.00
7) Phenol-d6	7.21	99	263547	119.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	201692	92.04	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	151655	148.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	500013	92.39	ng	0.00
79) Terphenyl-d14	20.04	244	971572	106.44	ng	0.00

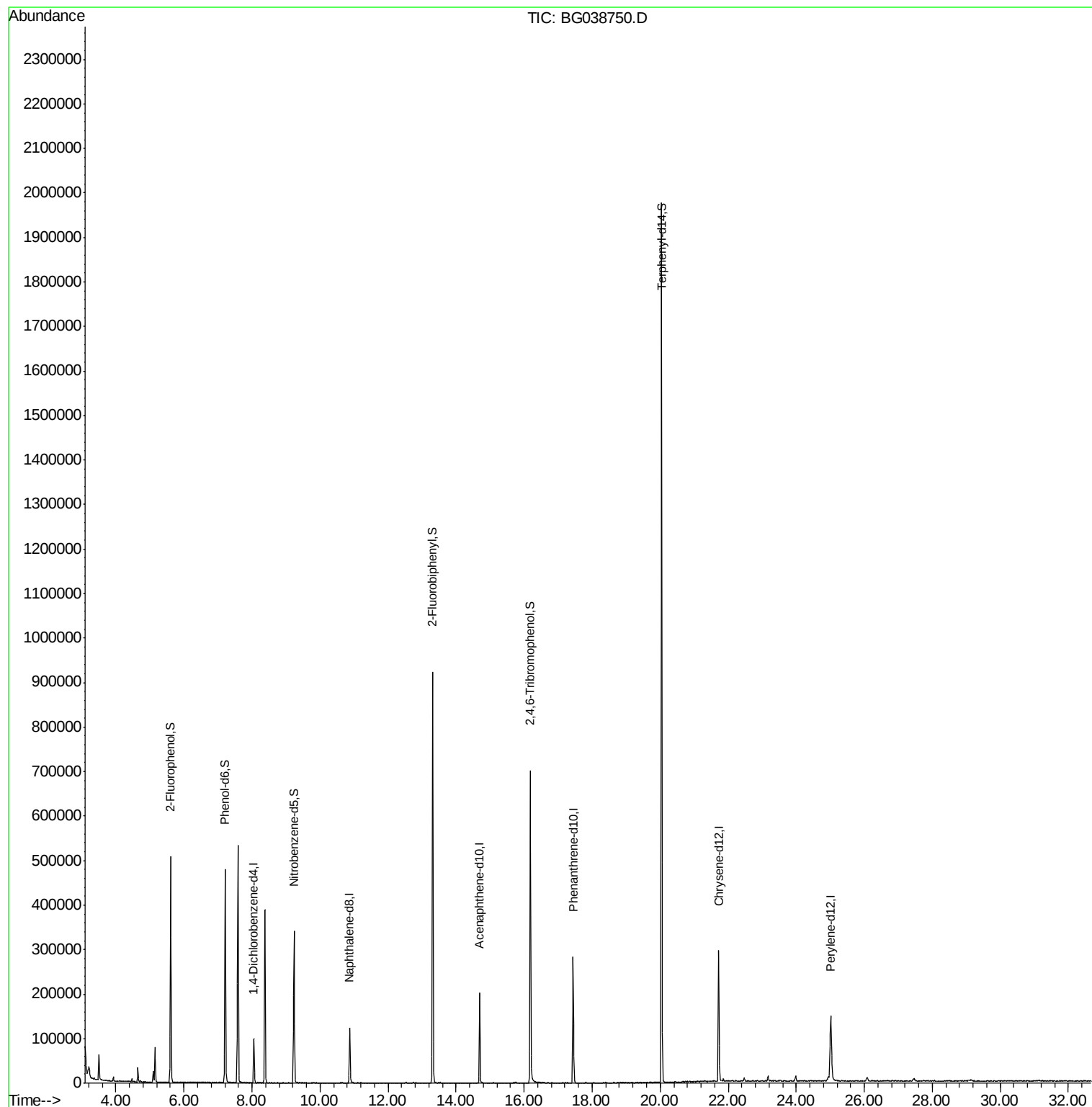
Target Compounds Qvalue

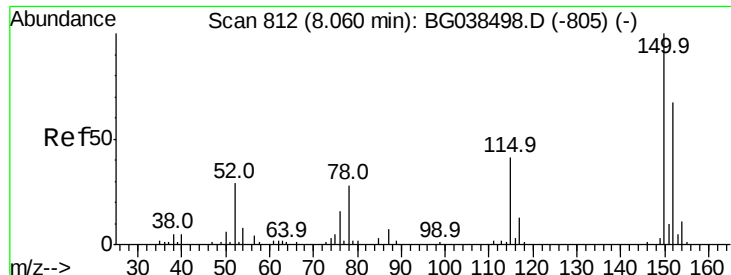
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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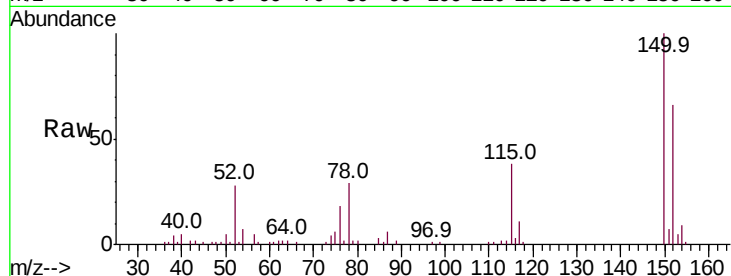


#1

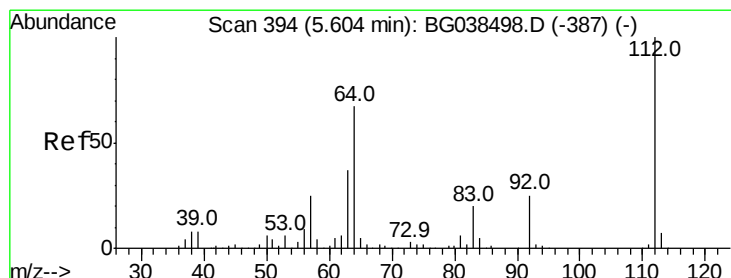
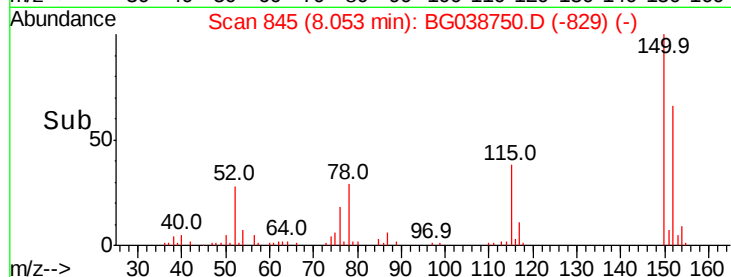
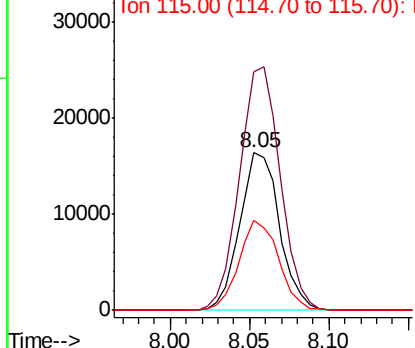
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
SS-SOIL

Tot Ion:152 Resp: 28480
Ion Ratio Lower Upper
152 100
150 151.1 119.5 179.3
115 57.2 49.6 74.4



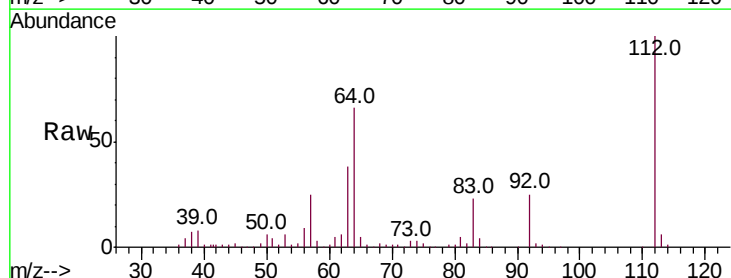
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



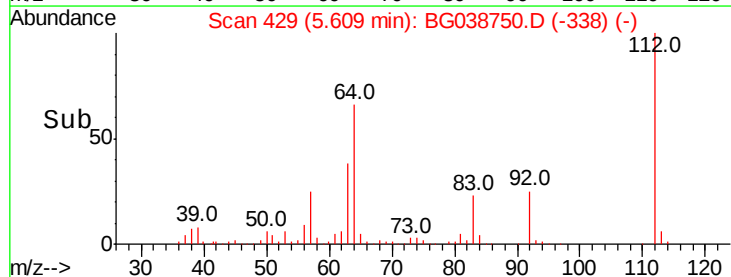
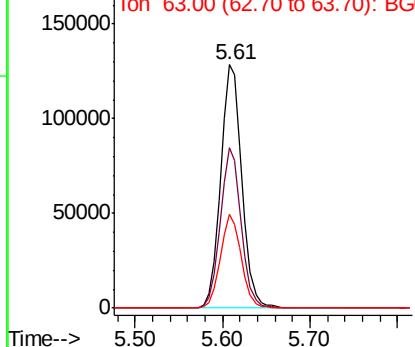
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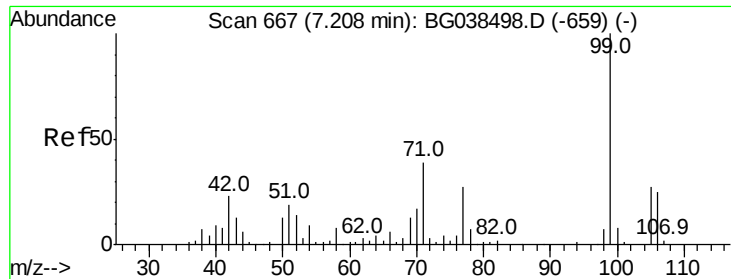
2-Fluorophenol
Concen: 133.615 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

Tgt Ion:112 Resp: 214549
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 38.4 29.3 43.9



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: 119.558 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

Instrument :

BNA_G

ClientSampleId :

SS-SOIL

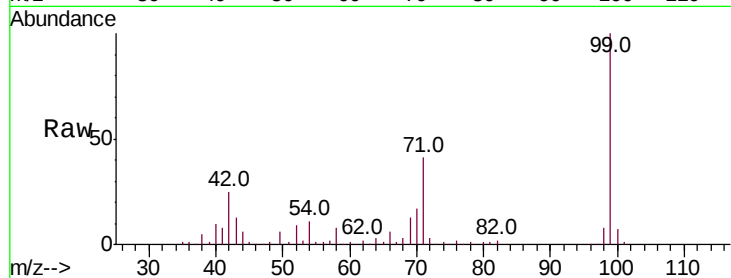
Tot Ion: 99 Resp: 263547

Ion Ratio Lower Upper

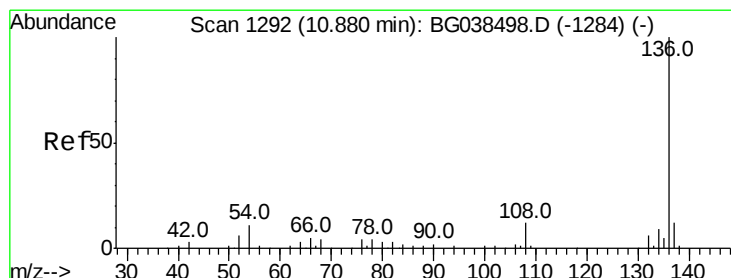
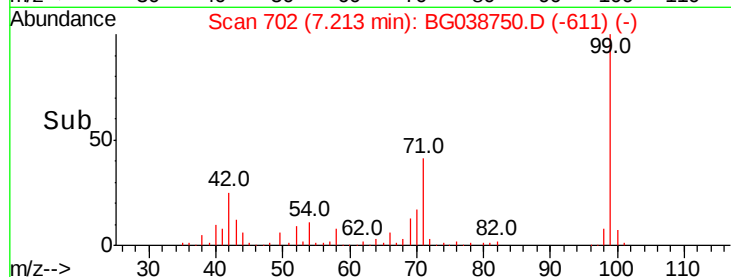
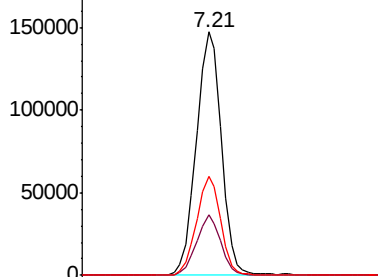
99 100

42 25.1 18.5 27.7

71 40.6 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

Tgt Ion: 136 Resp: 111951

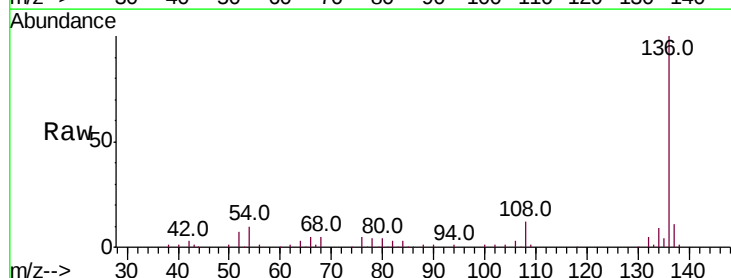
Ion Ratio Lower Upper

136 100

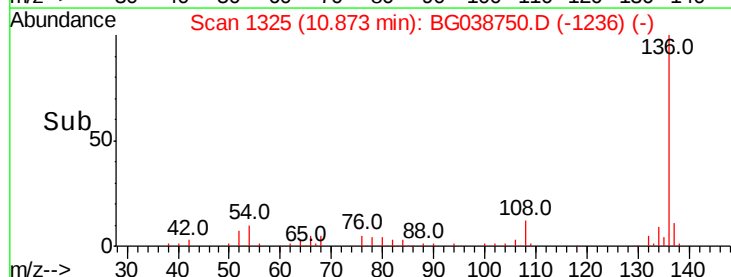
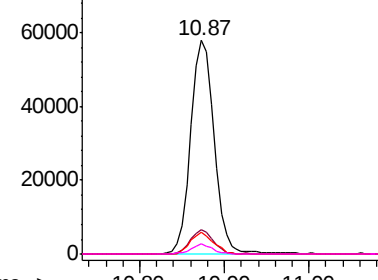
137 11.1 9.3 13.9

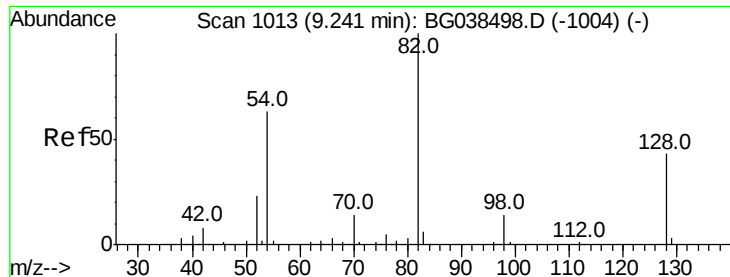
54 10.2 8.5 12.7

68 4.6 3.5 5.3



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

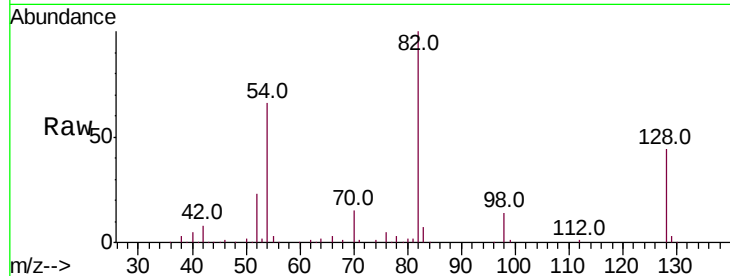




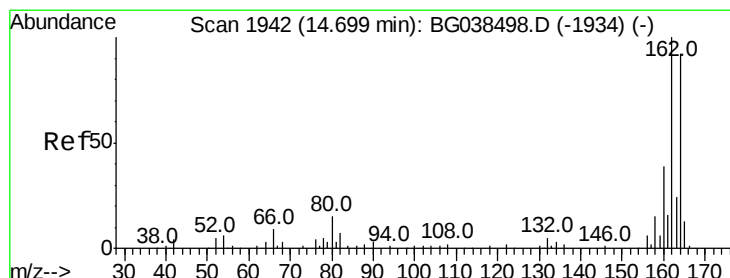
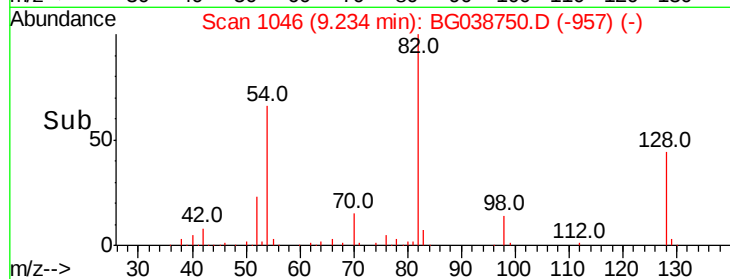
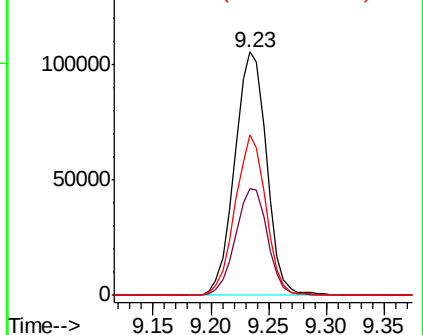
#23
Nitrobenzene-d5
Concen: 92.039 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

Instrument :
BNA_G
ClientSampleId :
SS-SOIL

Tot Ion: 82 Resp: 201692
Ion Ratio Lower Upper
82 100
128 44.0 34.6 52.0
54 66.1 50.6 76.0

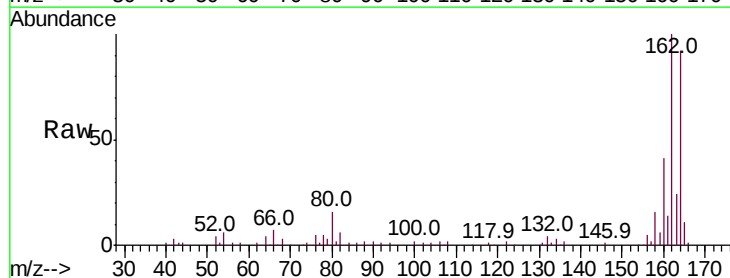


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

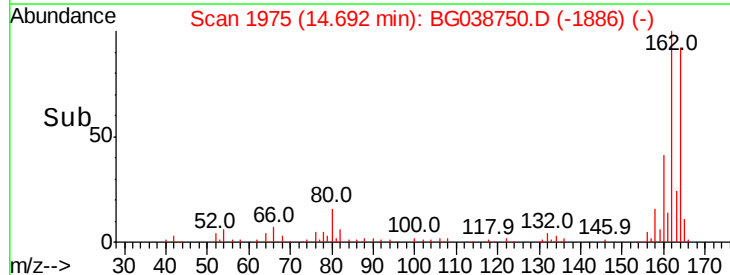
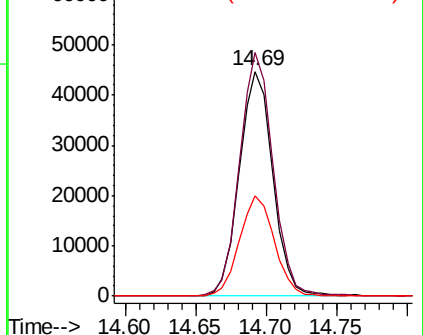


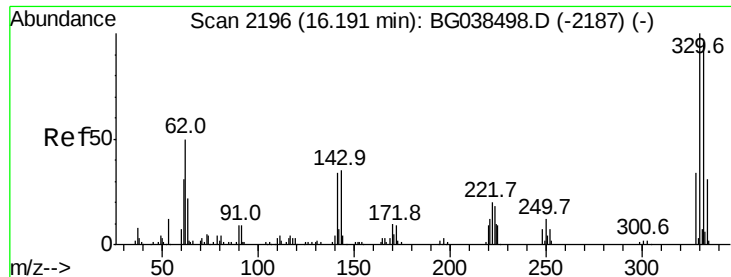
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

Tgt Ion:164 Resp: 74246
Ion Ratio Lower Upper
164 100
162 108.3 86.6 130.0
160 44.5 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 148.210 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

Instrument :

BNA_G

ClientSampleId :

SS-SOIL

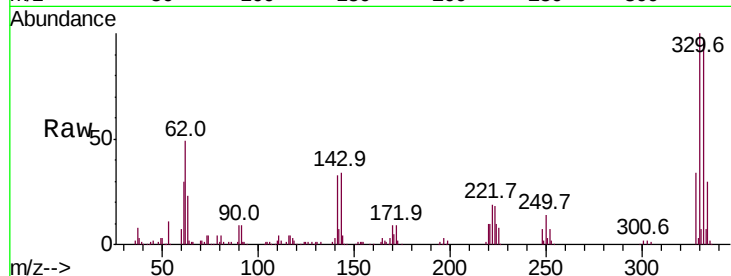
Tot Ion:330 Resp: 151655

Ion Ratio Lower Upper

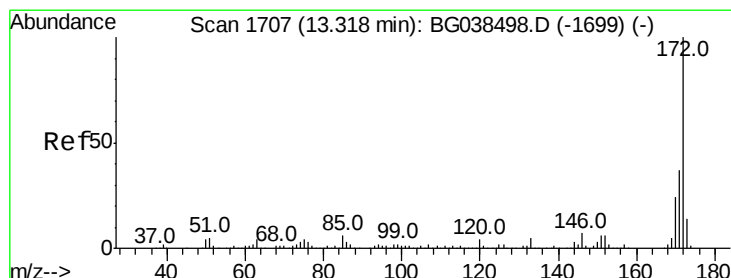
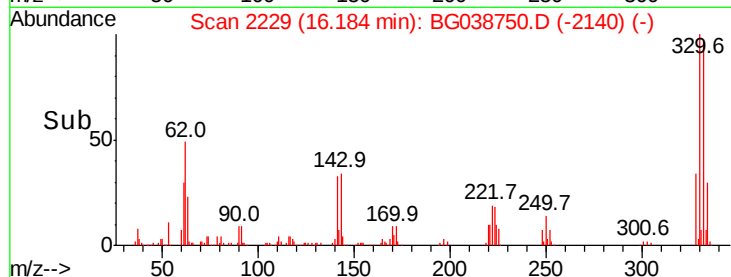
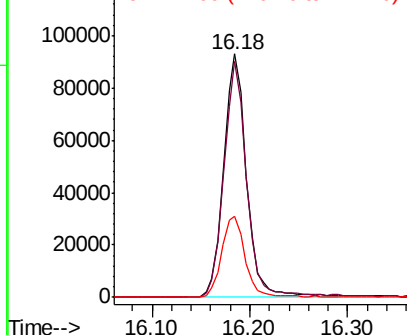
330 100

332 95.6 76.9 115.3

141 34.3 28.8 43.2



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



#45

2-Fluorobiphenyl

Concen: 92.388 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

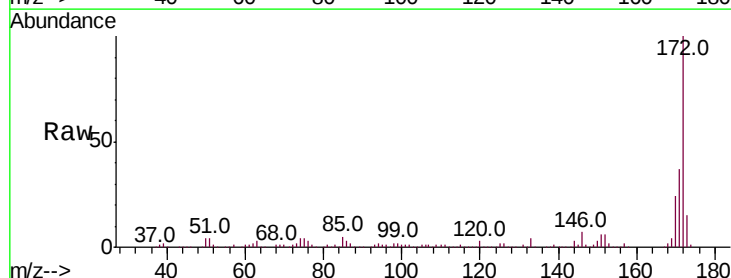
Tgt Ion:172 Resp: 500013

Ion Ratio Lower Upper

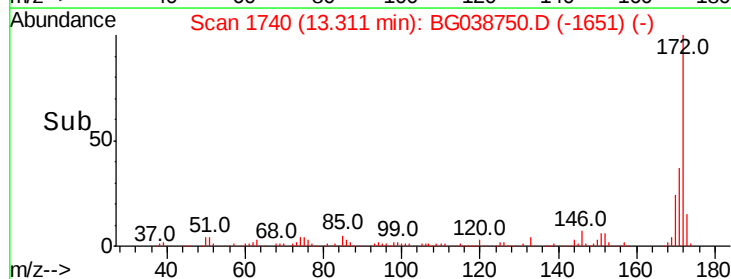
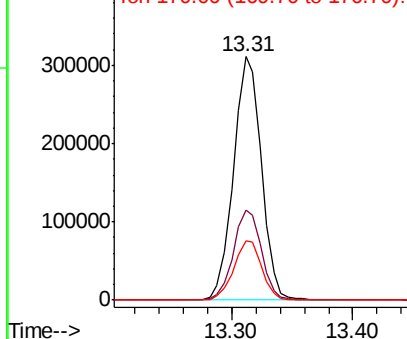
172 100

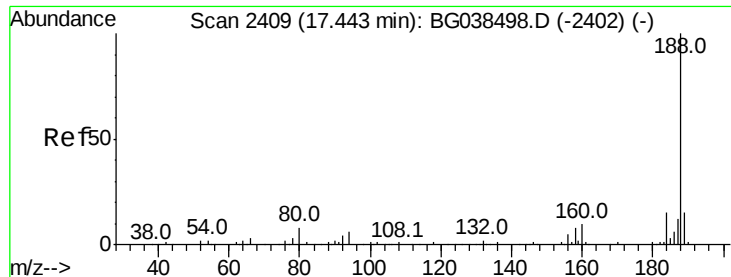
171 36.9 29.8 44.6

170 24.4 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

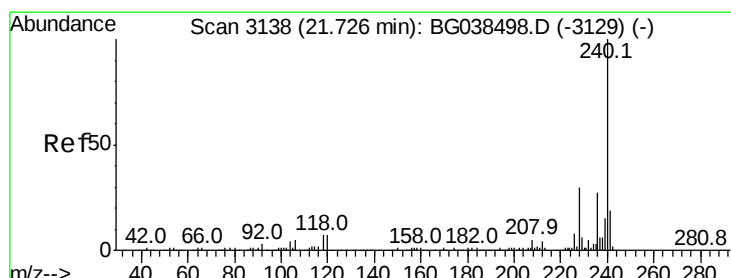
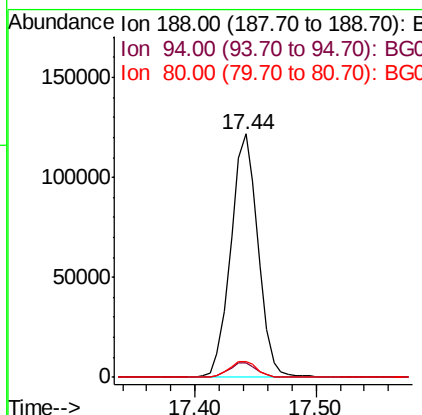
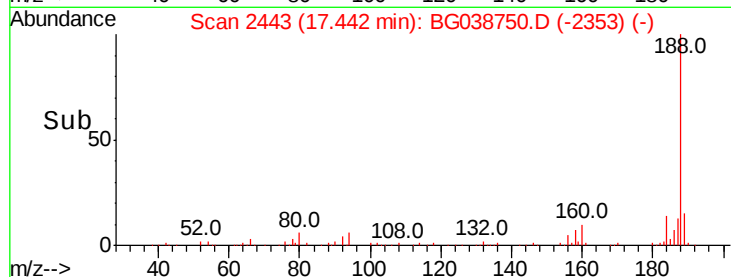
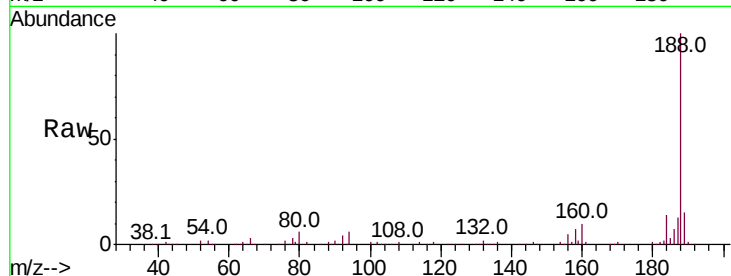




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

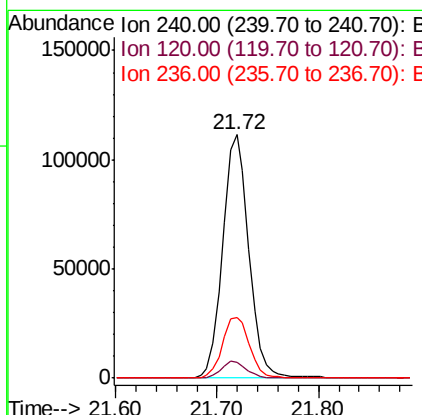
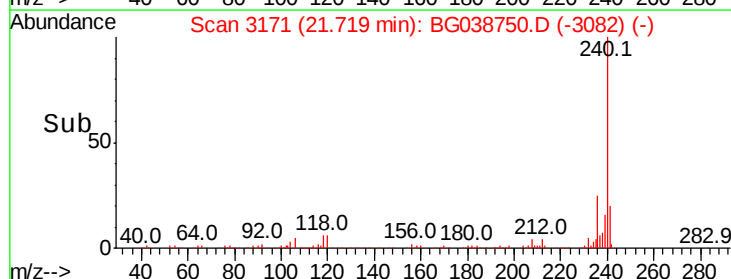
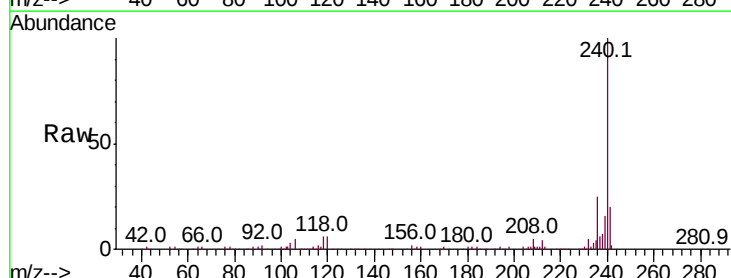
Instrument :
BNA_G
ClientSampleId :
SS-SOIL

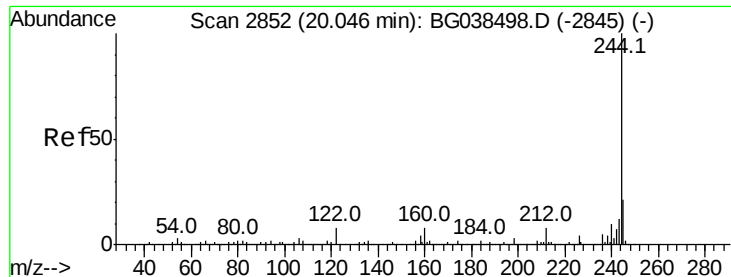
Tot Ion:188 Resp: 190848
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 6.3 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038750.D
Acq: 20 Dec 2018 6:17

Tgt Ion:240 Resp: 198661
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 25.0 21.4 32.2





#79

Terphenyl-d14

Concen: 106.436 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

Instrument :

BNA_G

ClientSampled :

SS-SOIL

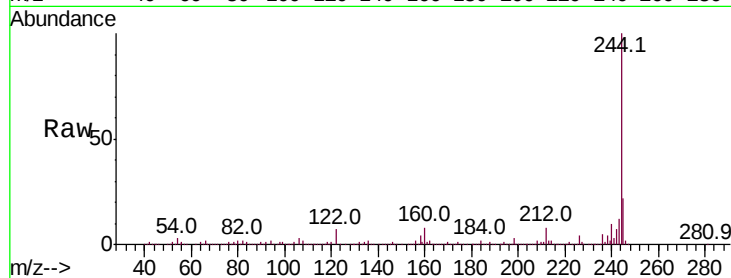
Tot Ion:244 Resp: 971572

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

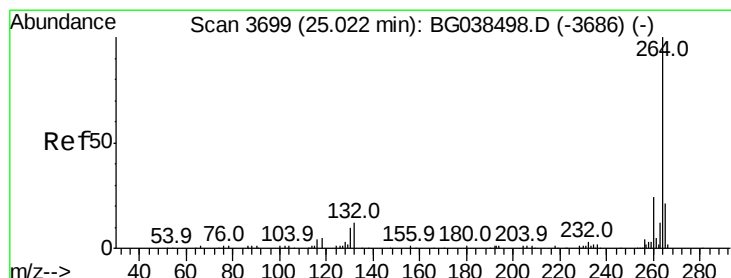
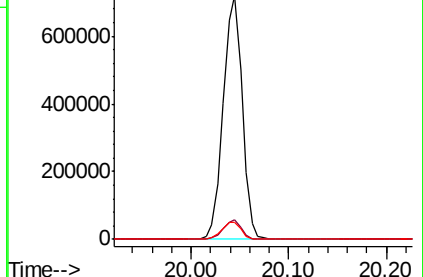
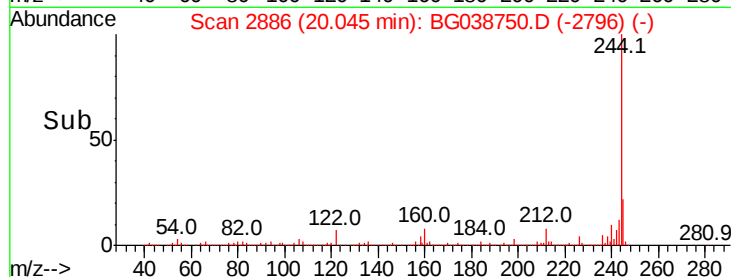
122 7.1 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038750.D

Acq: 20 Dec 2018 6:17

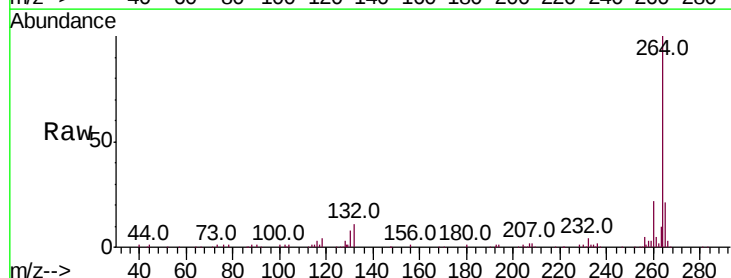
Tgt Ion:264 Resp: 209241

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.5 17.0 25.4



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

