

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038450.D
 Acq On : 10 Dec 2018 22:16
 Operator : JU/SJ
 Sample : J6290-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Dec 11 04:08:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38048	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	98619	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67808	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176151	20.00	ng	0.00
76) Chrysene-d12	21.73	240	170935	20.00	ng	-0.01
87) Perylene-d12	25.04	264	174042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182458	84.86	ng	0.00
7) Phenol-d6	7.22	99	237404	76.40	ng	0.00
23) Nitrobenzene-d5	9.25	82	280051	140.99	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	124462	149.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	423028	88.89	ng	0.00
79) Terphenyl-d14	20.06	244	838331	105.06	ng	0.00

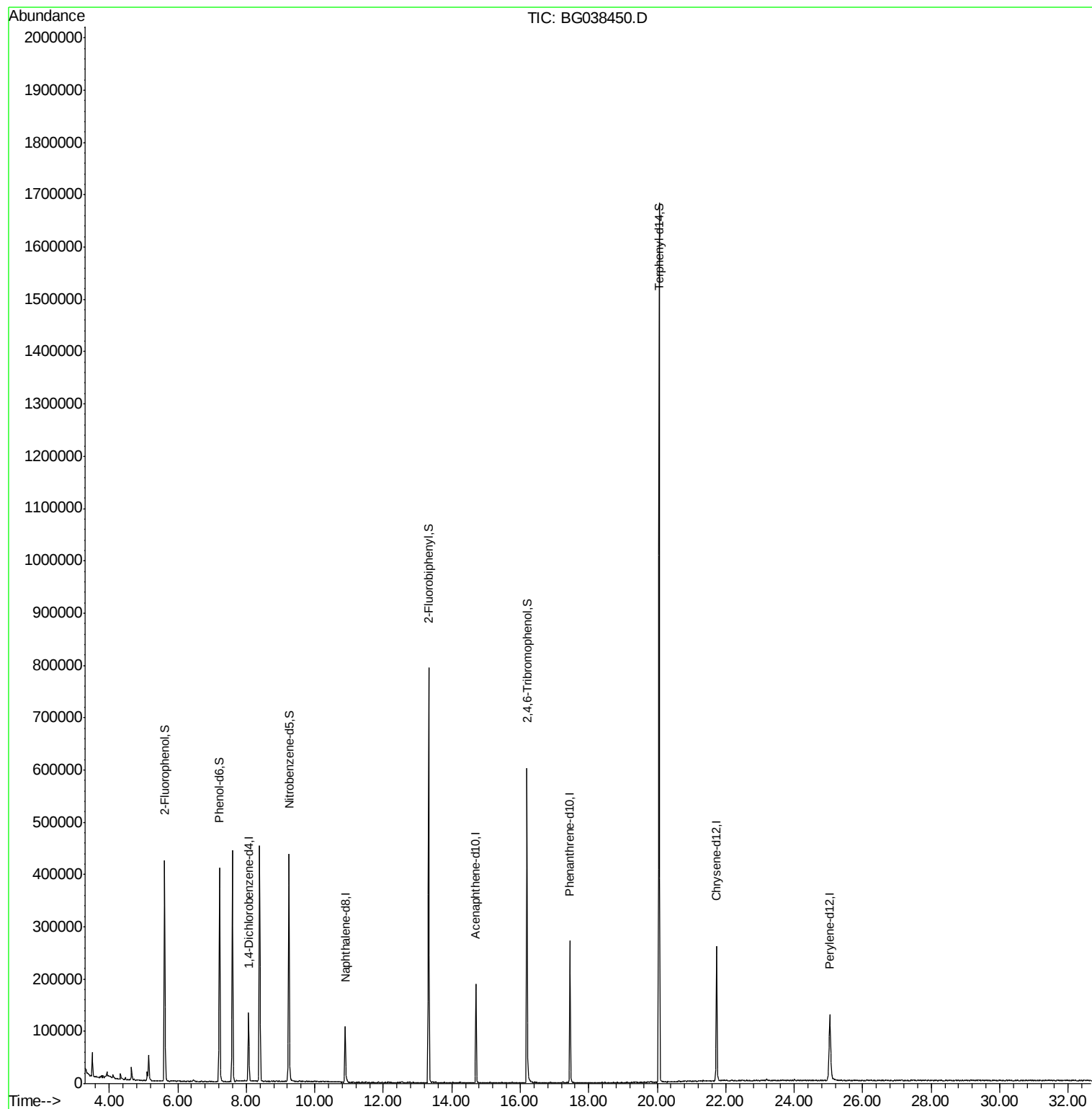
Target Compounds Qvalue

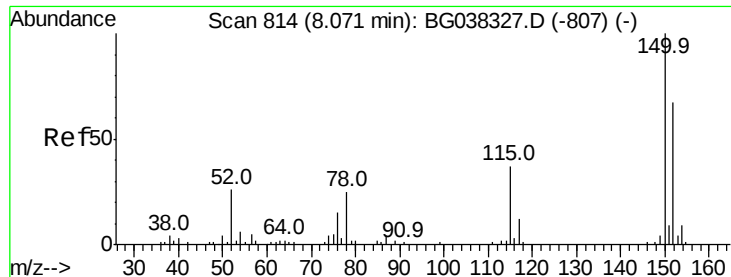
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038450.D
Acq On : 10 Dec 2018 22:16
Operator : JU/SJ
Sample : J6290-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL

Quant Time: Dec 11 04:08:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



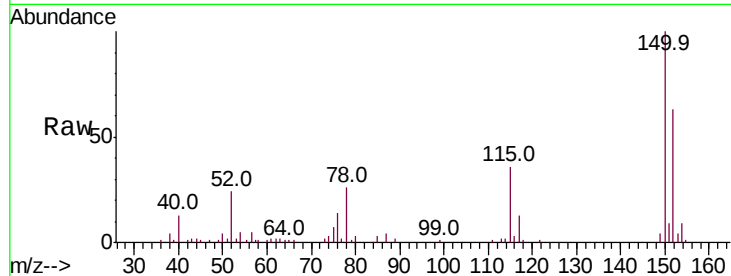


#1

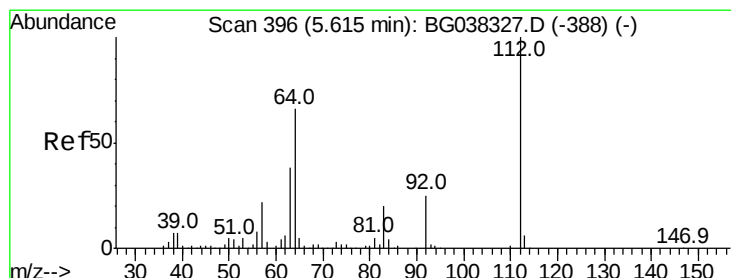
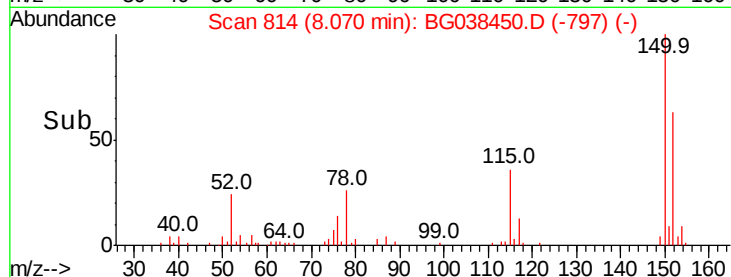
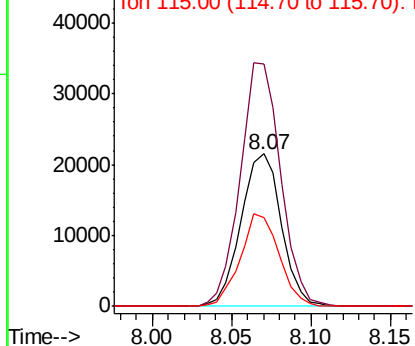
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038450.D
Acq: 10 Dec 2018 22:16

Instrument :
BNA_G
ClientSampled :
SOIL

Tot Ion:152 Resp: 38048
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 57.9 45.5 68.3



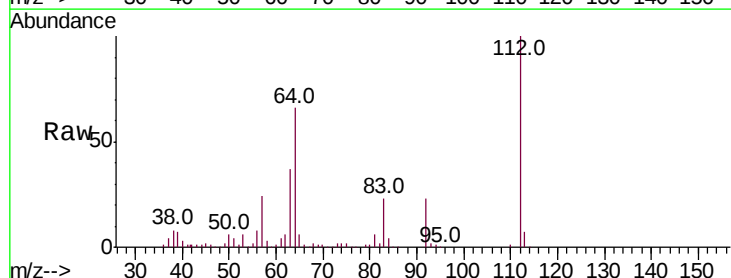
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



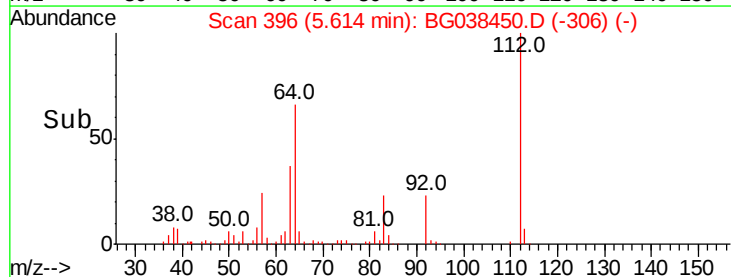
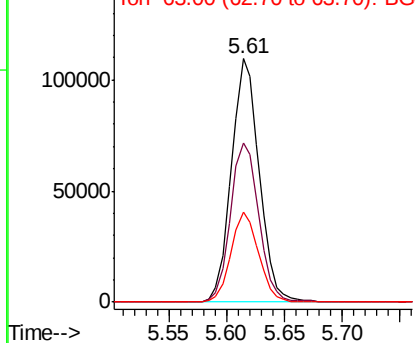
#5

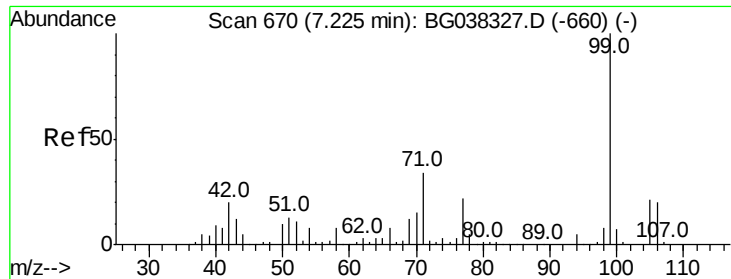
2-Fluorophenol
Concen: 84.863 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038450.D
Acq: 10 Dec 2018 22:16

Tgt Ion:112 Resp: 182458
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 36.8 27.3 40.9



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: 76.396 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

Instrument :

BNA_G

ClientSampleId :

SOIL

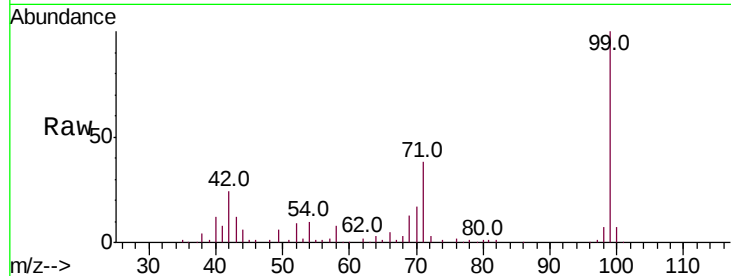
Tot Ion: 99 Resp: 237404

Ion Ratio Lower Upper

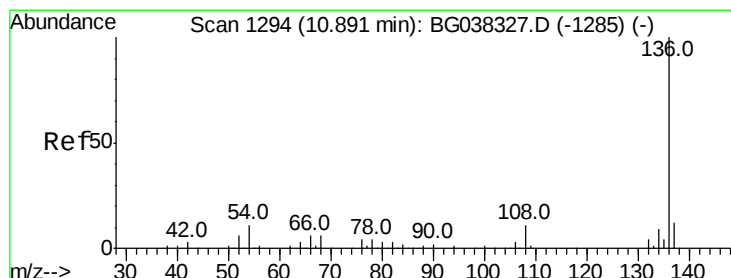
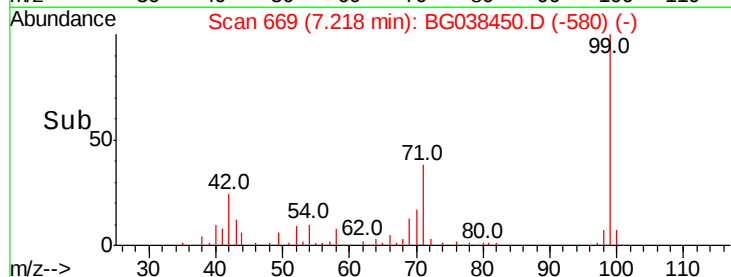
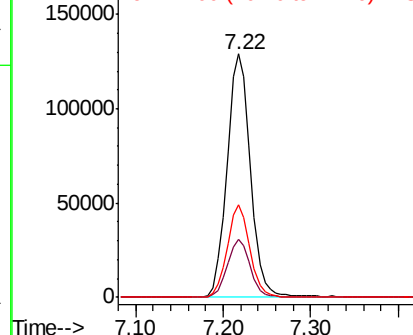
99 100

42 23.7 15.0 22.4#

71 38.0 25.5 38.3



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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

Tgt Ion: 136 Resp: 98619

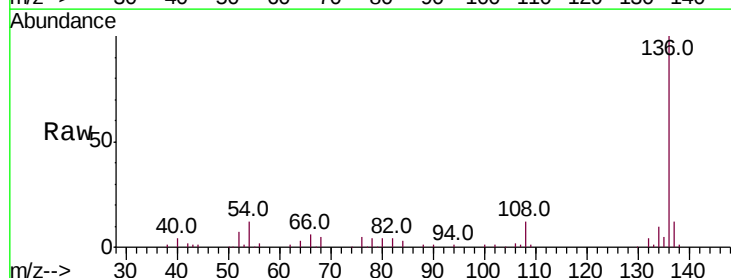
Ion Ratio Lower Upper

136 100

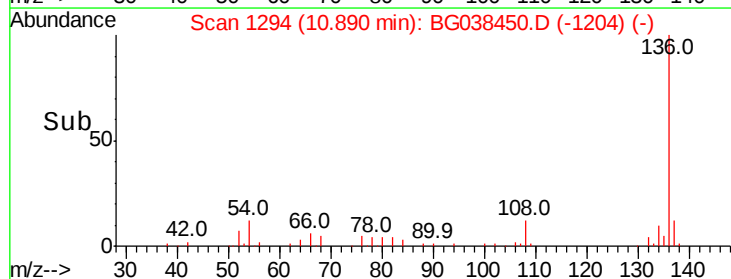
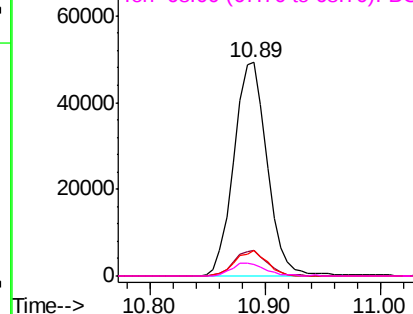
137 11.8 9.6 14.4

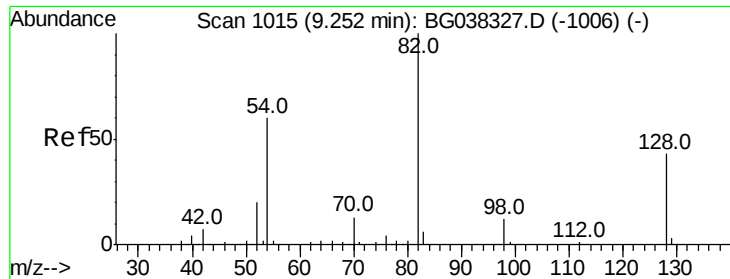
54 11.8 7.9 11.9

68 5.3 4.8 7.2



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

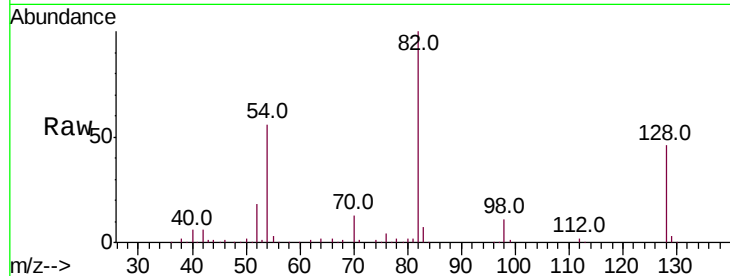




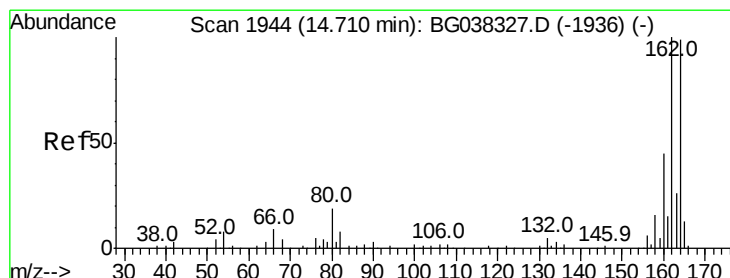
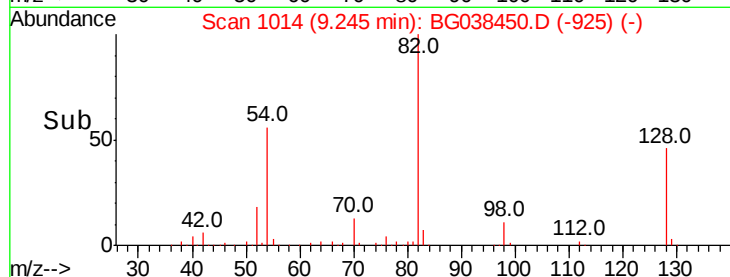
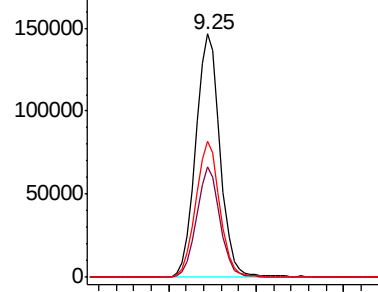
#23
 Nitrobenzene-d5
 Concen: 140.986 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038450.D
 Acq: 10 Dec 2018 22:16

Instrument :
 BNA_G
 ClientSampled :
 SOIL

Tot Ion: 82 Resp: 280051
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 55.9 45.3 67.9

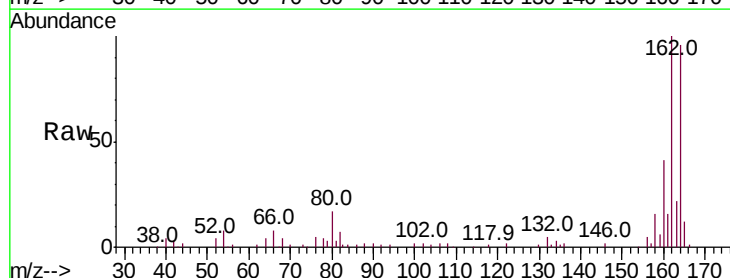


Abundance Ion 82.00 (81.70 to 82.70): BGC
 200000 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

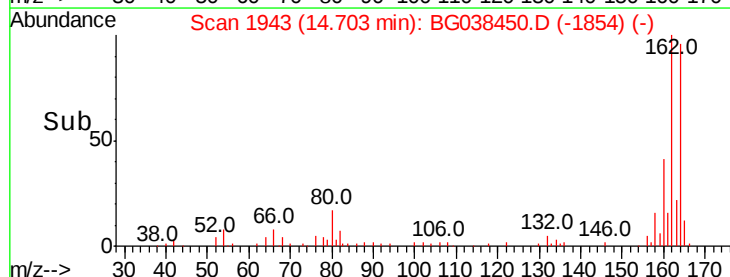
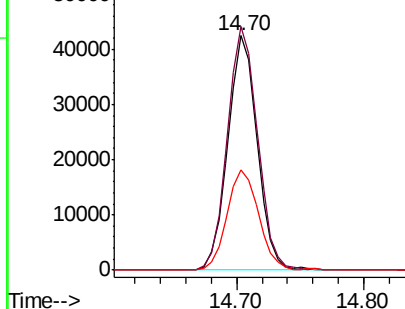


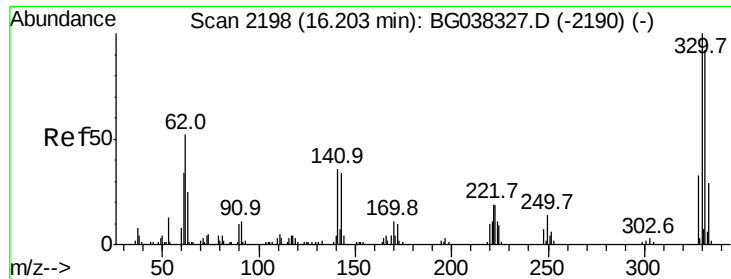
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038450.D
 Acq: 10 Dec 2018 22:16

Tgt Ion:164 Resp: 67808
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.3 121.9
 160 42.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 60000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 149.517 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

Instrument :

BNA_G

ClientSampled :

SOIL

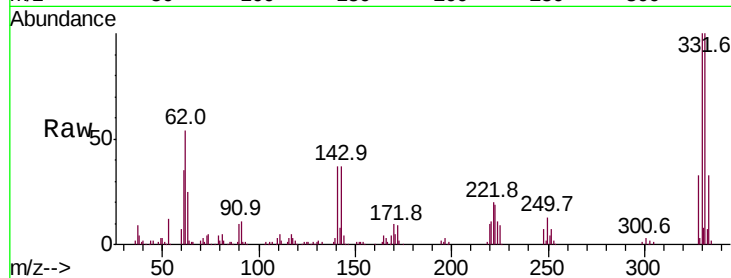
Tot Ion:330 Resp: 124462

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

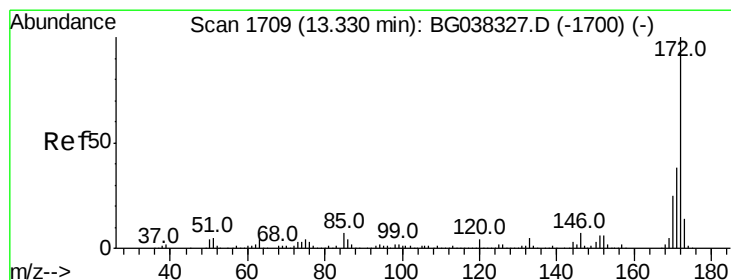
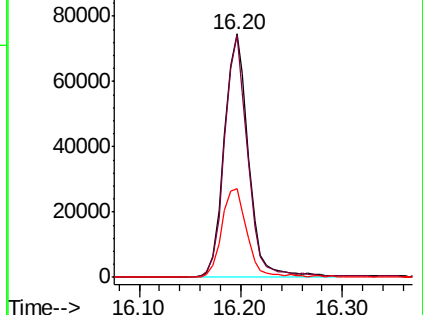
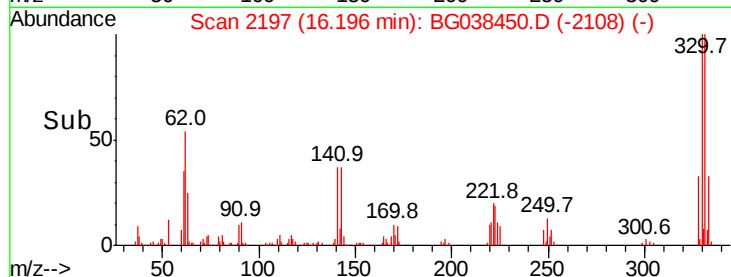
141 37.9 32.2 48.2



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: 88.895 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

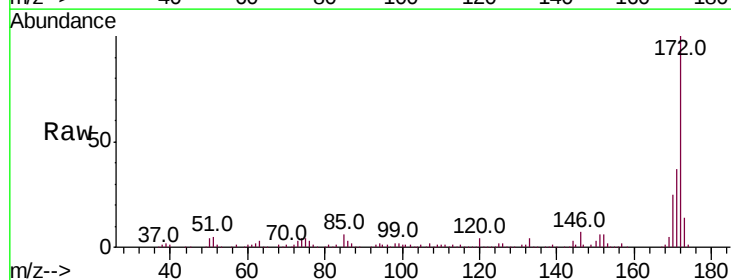
Tgt Ion:172 Resp: 423028

Ion Ratio Lower Upper

172 100

171 36.9 31.0 46.4

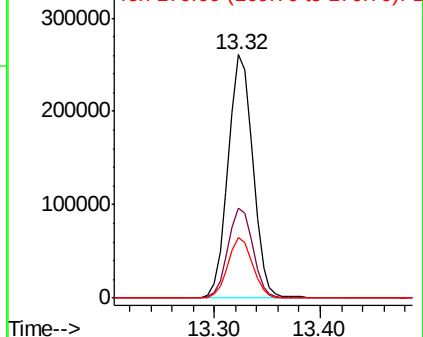
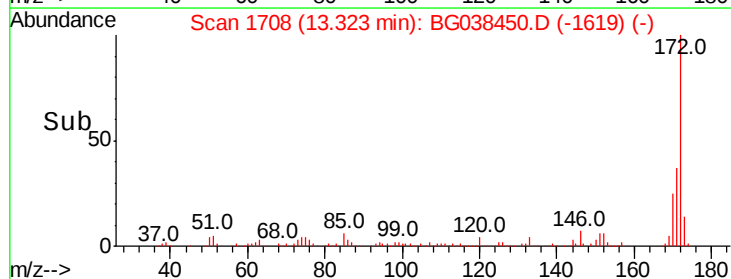
170 25.1 20.2 30.2

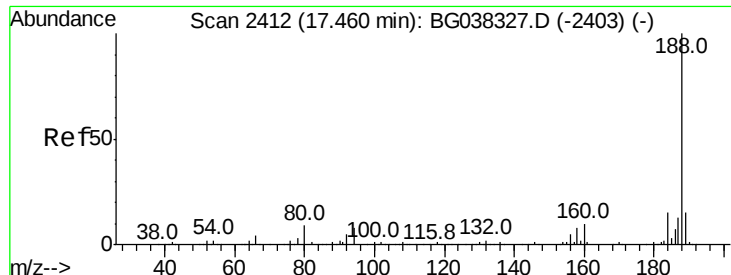


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

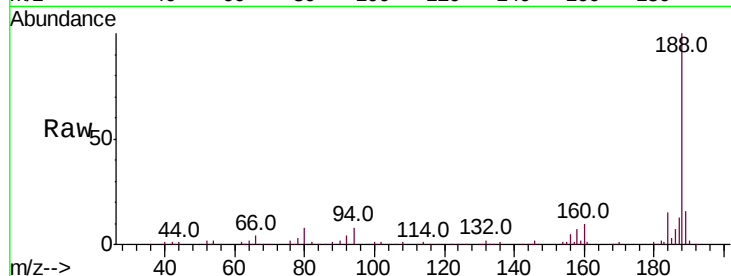




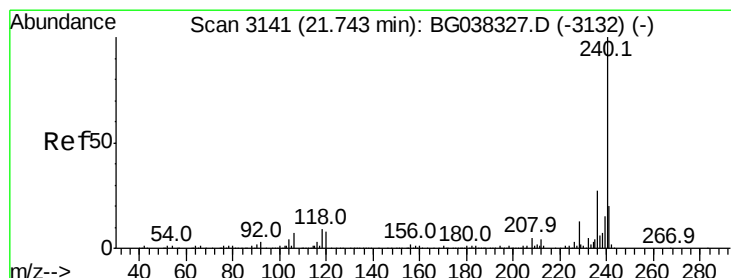
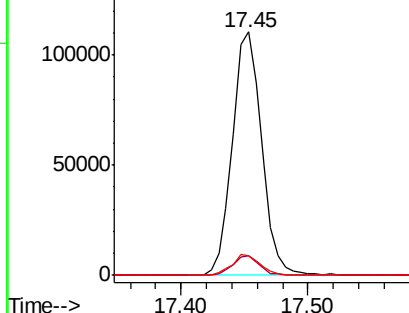
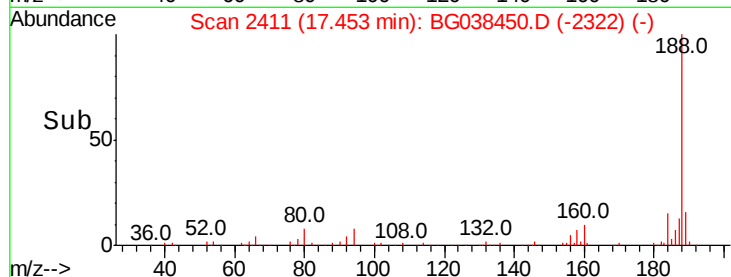
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038450.D
 Acq: 10 Dec 2018 22:16

Instrument :
 BNA_G
 ClientSampled :
 SOIL

Tot Ion:188 Resp: 176151
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.2 10.8
 80 8.0 7.7 11.5

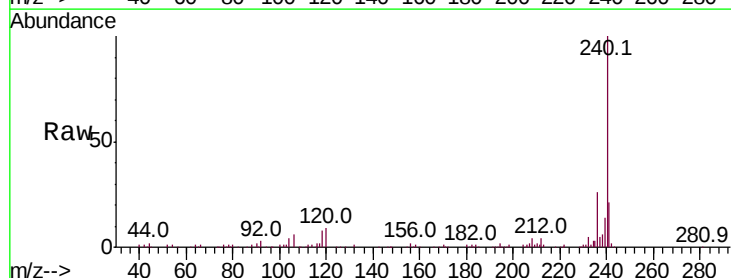


Abundance Ion 188.00 (187.70 to 188.70): E
 150000
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

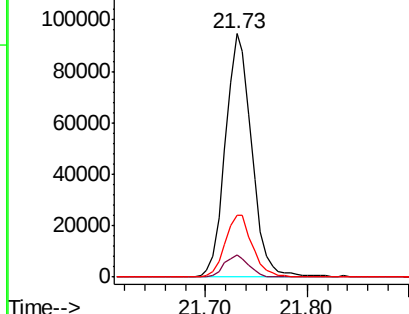
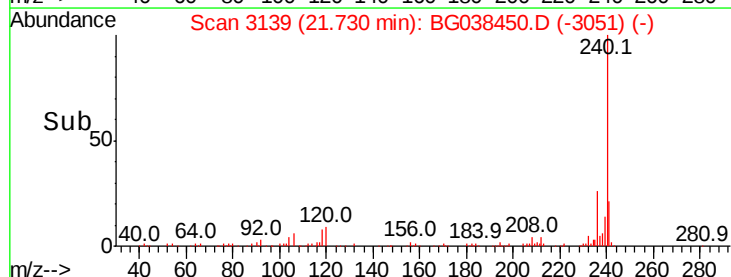


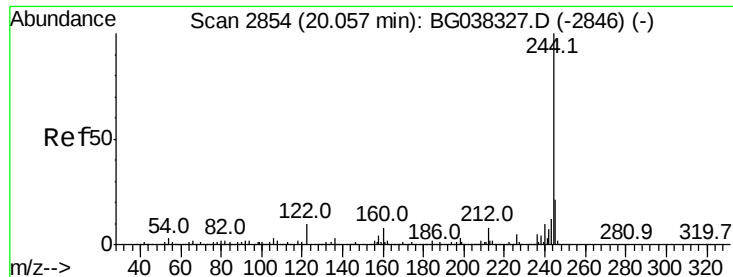
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038450.D
 Acq: 10 Dec 2018 22:16

Tgt Ion:240 Resp: 170935
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.1 12.1
 236 25.6 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 120000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.065 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

Instrument :

BNA_G

ClientSampleId :

SOIL

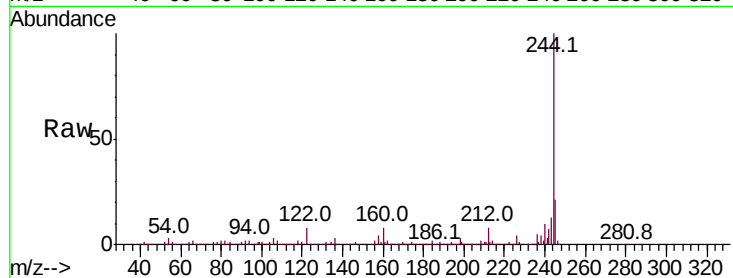
Tot Ion:244 Resp: 838331

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

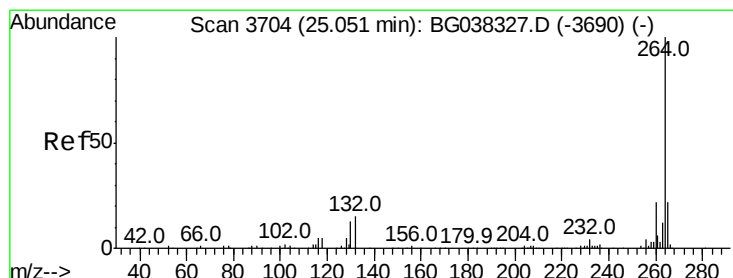
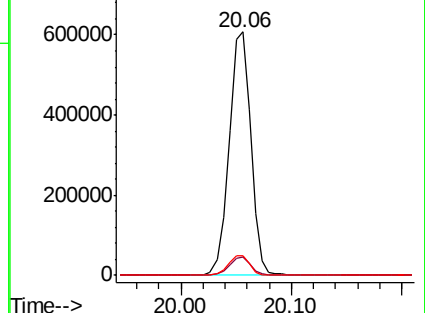
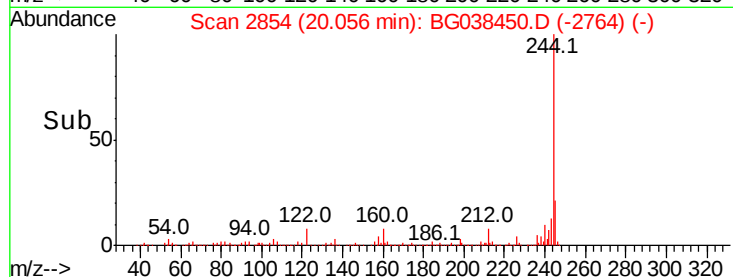
122 8.0 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038450.D

Acq: 10 Dec 2018 22:16

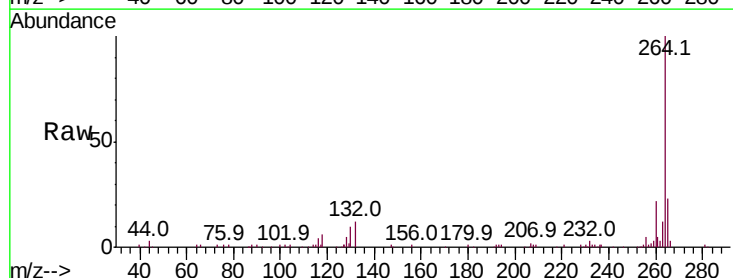
Tgt Ion:264 Resp: 174042

Ion Ratio Lower Upper

264 100

260 21.5 18.2 27.4

265 22.6 17.9 26.9



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

