

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037380.D
 Acq On : 17 Oct 2018 7:36
 Operator : JU/SJ
 Sample : J5509-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SOIL

Quant Time: Oct 17 08:46:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

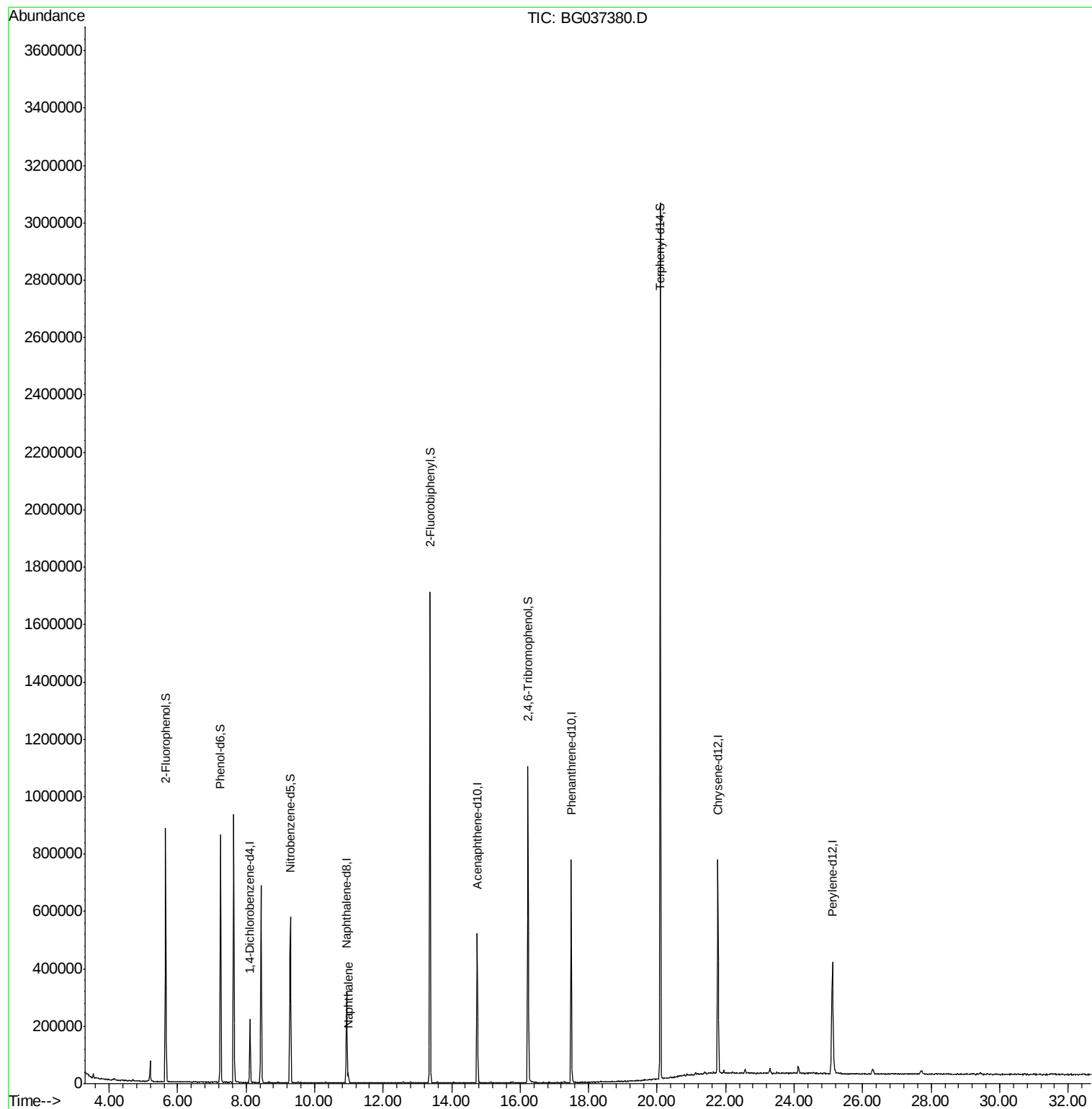
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67602	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	286475	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	193207	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	482345	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	450652	20.00	ng	-0.02
87) Perylene-d12	25.12	264	445395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	417370	108.66	ng	0.00
7) Phenol-d6	7.25	99	538121	92.30	ng	0.00
23) Nitrobenzene-d5	9.29	82	365711	83.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	198566	104.79	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	906807	70.48	ng	-0.02
79) Terphenyl-d14	20.09	244	1444299	67.30	ng	-0.02
Target Compounds						
31) Naphthalene	10.99	128	31814	2.285	ng	Qvalue 97

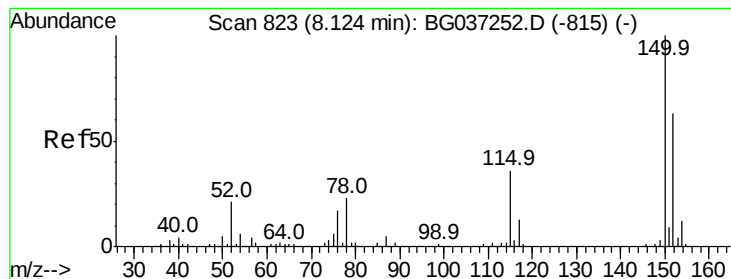
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



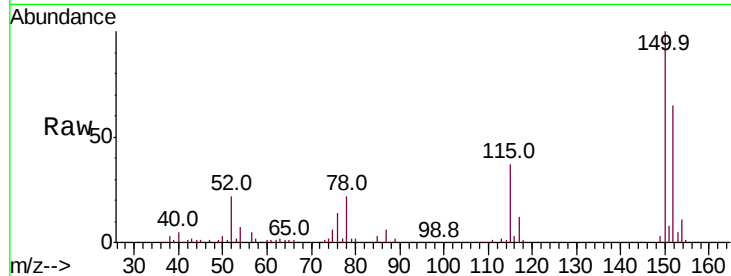


#1

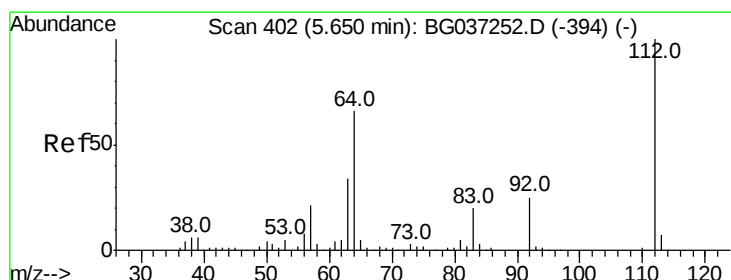
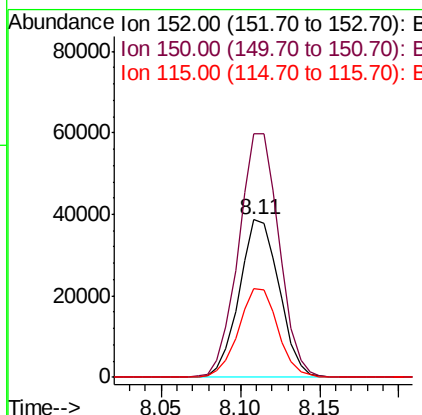
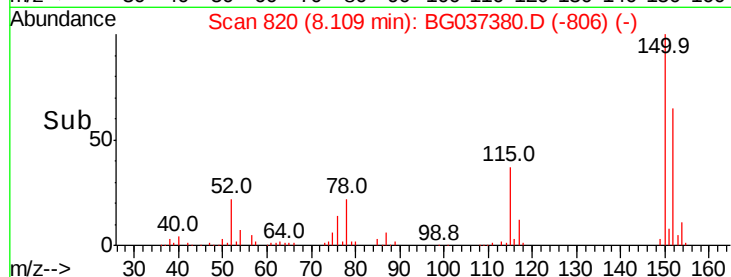
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BG037380.D
 Acq: 17 Oct 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 MS-SOIL

Tot Ion:152 Resp: 67602
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.0 189.0
 115 56.6 45.5 68.3



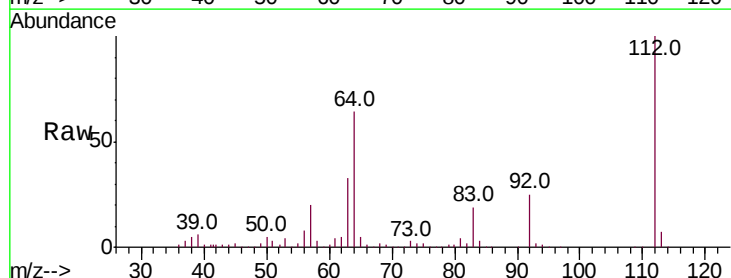
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



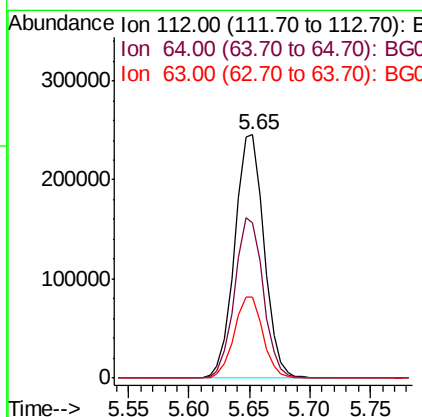
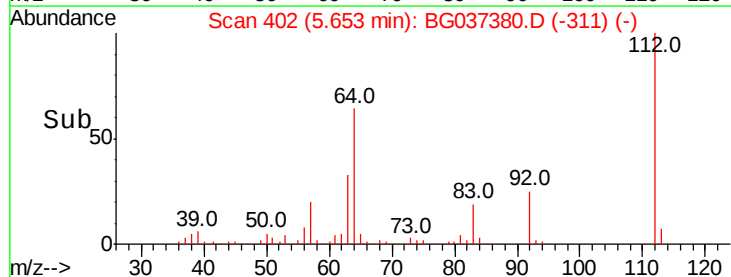
#5

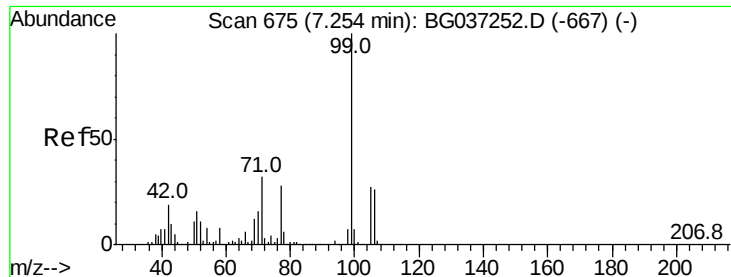
2-Fluorophenol
 Concen: 108.655 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037380.D
 Acq: 17 Oct 2018 7:36

Tgt Ion:112 Resp: 417370
 Ion Ratio Lower Upper
 112 100
 64 64.0 53.1 79.7
 63 33.3 27.3 40.9



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: 92.296 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

Instrument :

BNA_G

ClientSampleId :

MS-SOIL

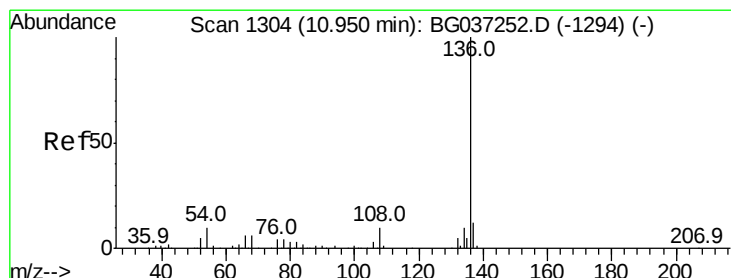
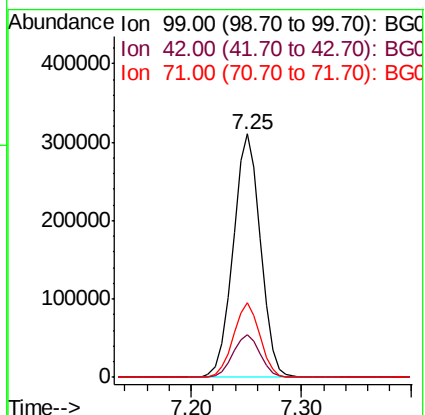
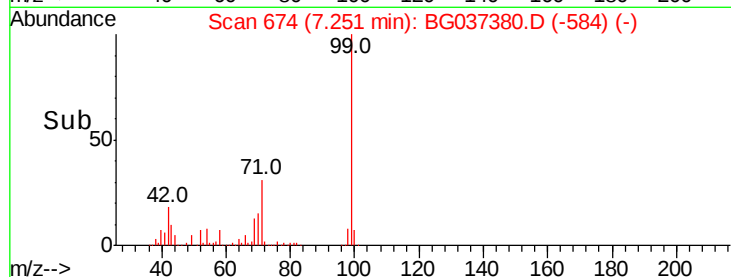
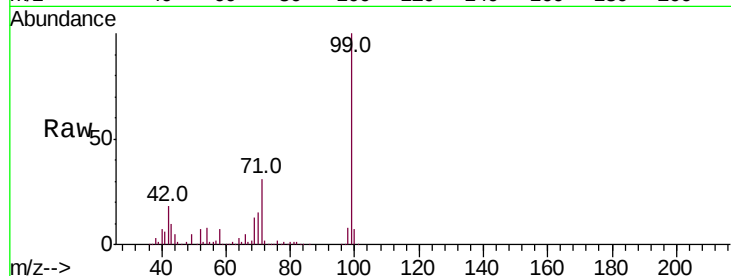
Tot Ion: 99 Resp: 538121

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 30.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

Tgt Ion: 136 Resp: 286475

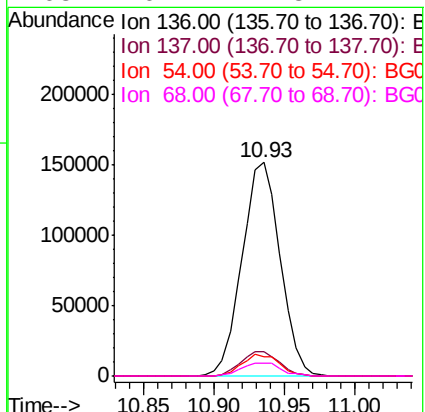
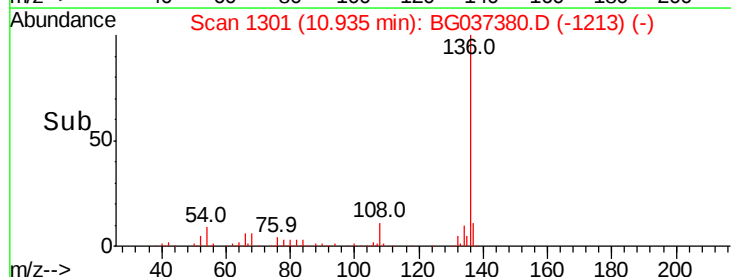
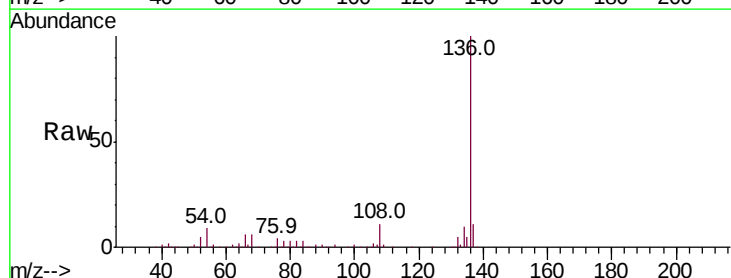
Ion Ratio Lower Upper

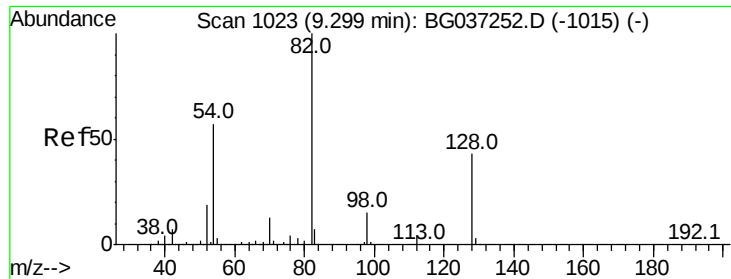
136 100

137 11.5 9.6 14.4

54 9.3 7.9 11.9

68 6.2 4.8 7.2

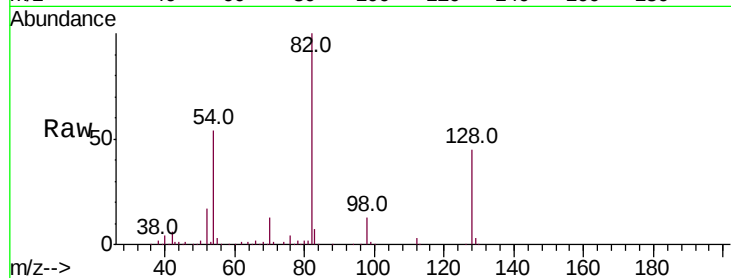




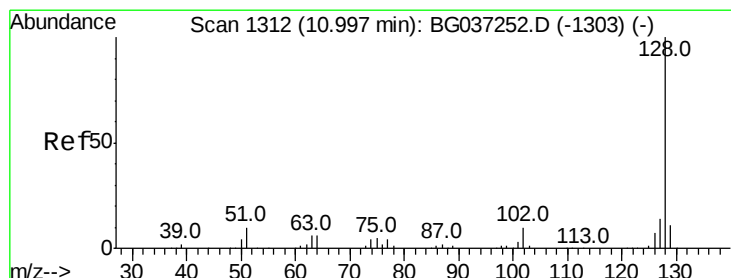
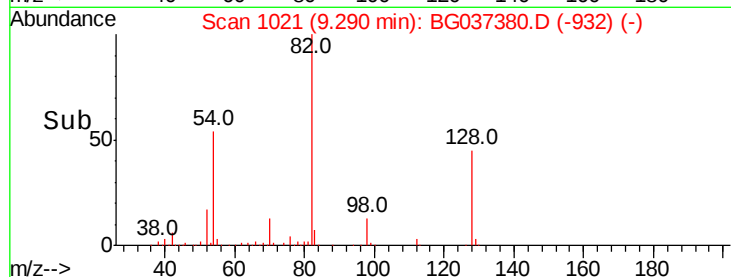
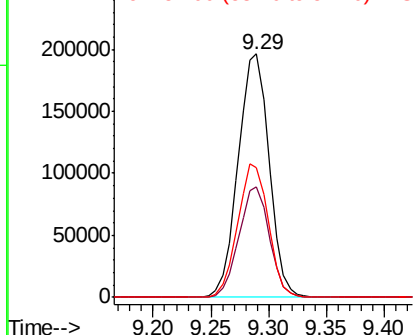
#23
Nitrobenzene-d5
Concen: 83.929 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037380.D
Acq: 17 Oct 2018 7:36

Instrument :
BNA_G
ClientSampleId :
MS-SOIL

Tot Ion: 82 Resp: 365711
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 53.5 45.3 67.9

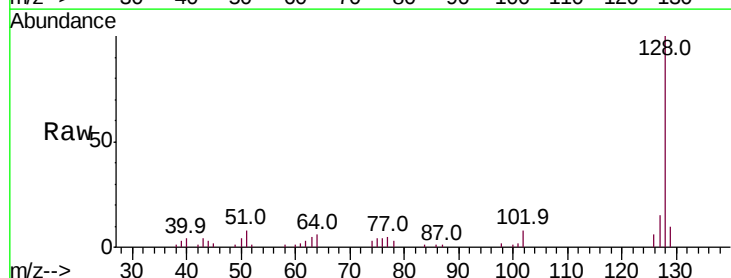


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

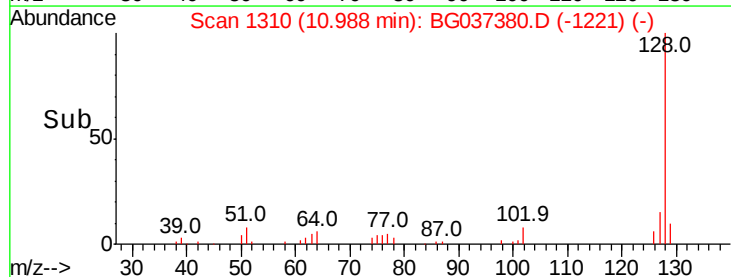
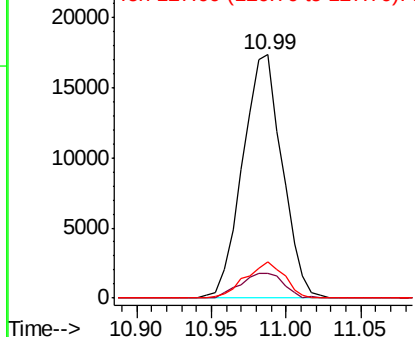


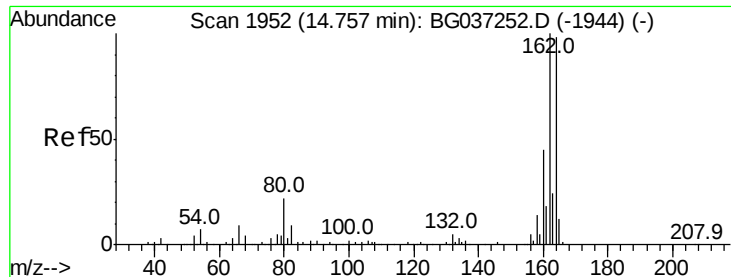
#31
Naphthalene
Concen: 2.285 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037380.D
Acq: 17 Oct 2018 7:36

Tgt Ion: 128 Resp: 31814
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 14.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

Instrument :

BNA_G

ClientSampleId :

MS-SOIL

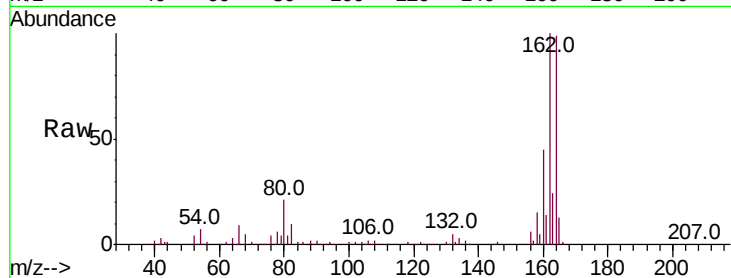
Tot Ion:164 Resp: 193207

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

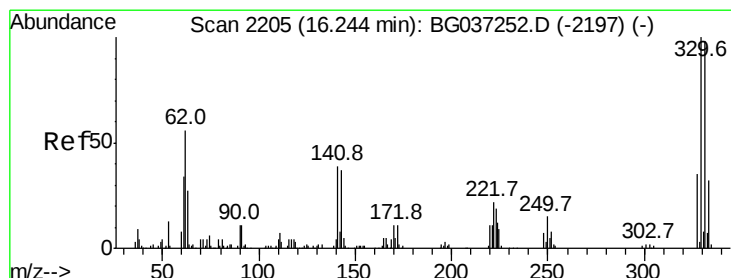
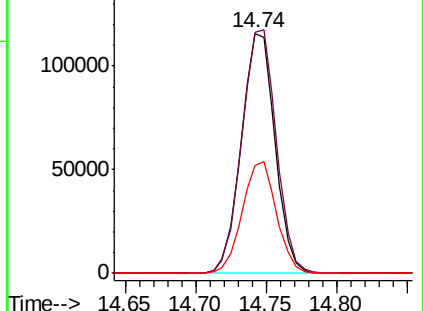
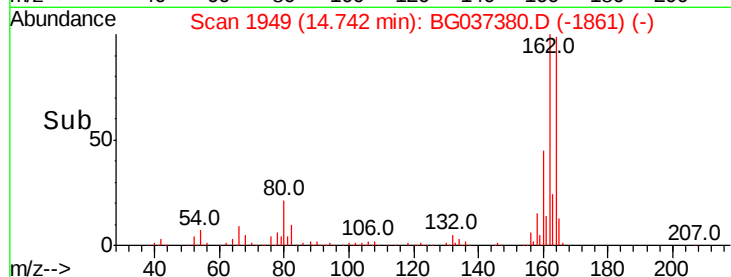
160 45.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 104.794 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

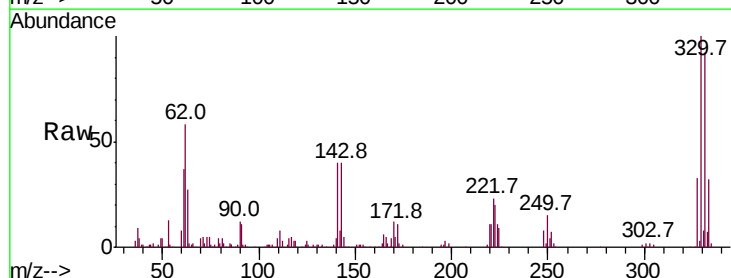
Tgt Ion:330 Resp: 198566

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

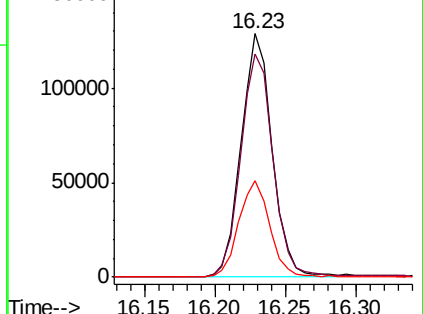
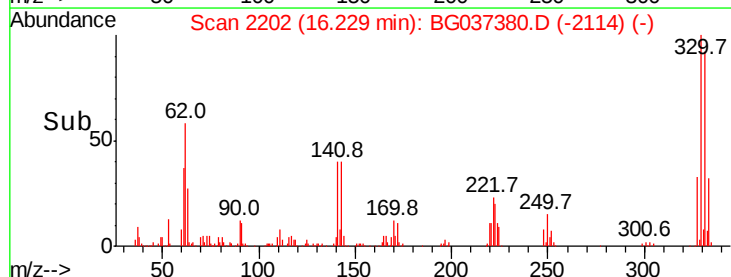
141 39.8 32.2 48.2

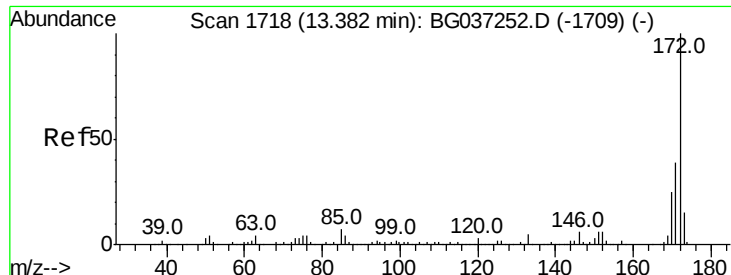


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 70.485 ng

RT: 13.37 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

Instrument :

BNA_G

ClientSampleId :

MS-SOIL

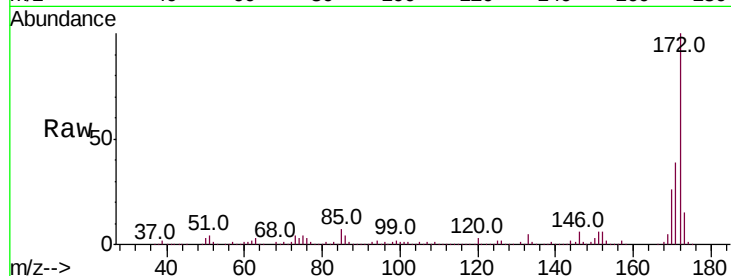
Tot Ion:172 Resp: 906807

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

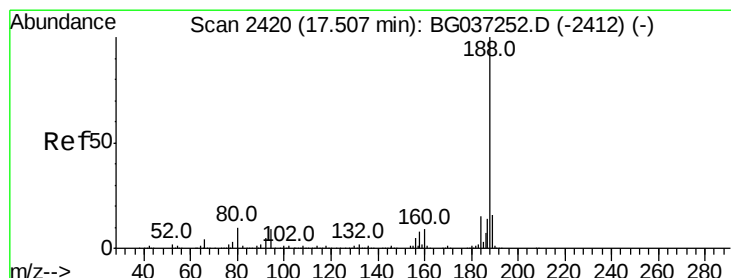
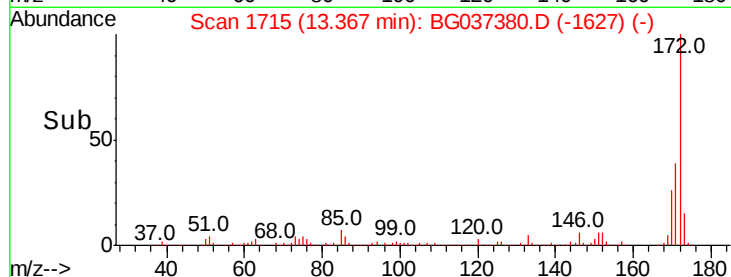
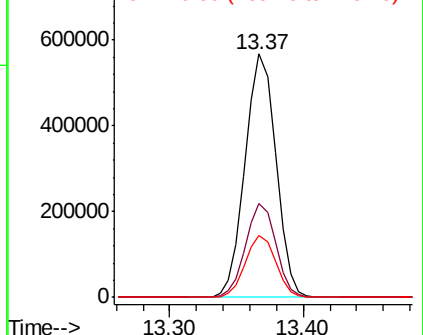
170 25.5 20.2 30.2



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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

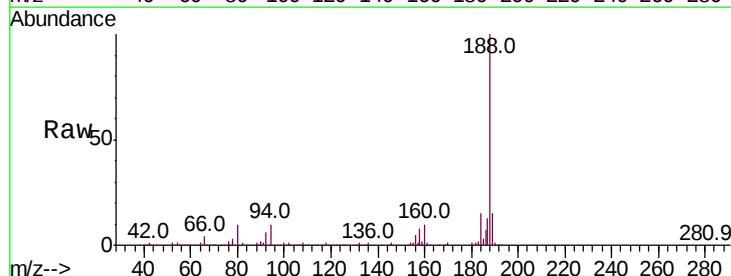
Tgt Ion:188 Resp: 482345

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

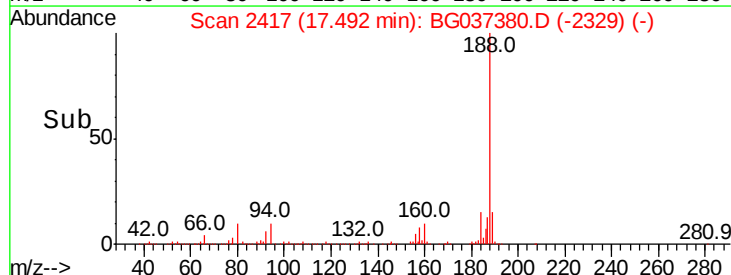
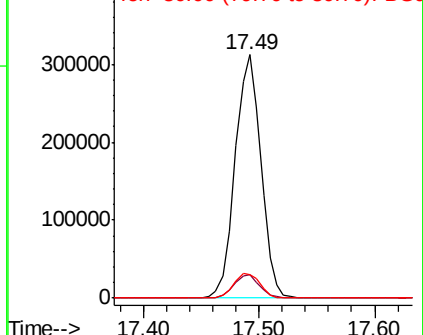
80 9.5 7.7 11.5

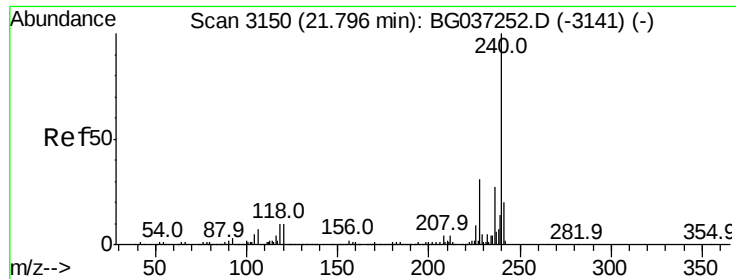


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

Instrument :

BNA_G

ClientSampleId :

MS-SOIL

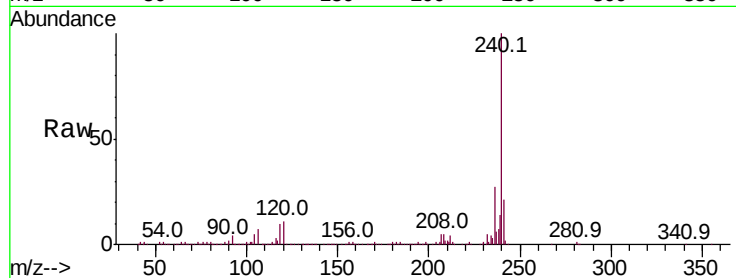
Tot Ion:240 Resp: 450652

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

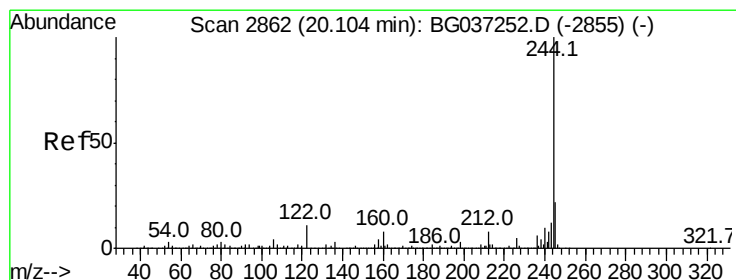
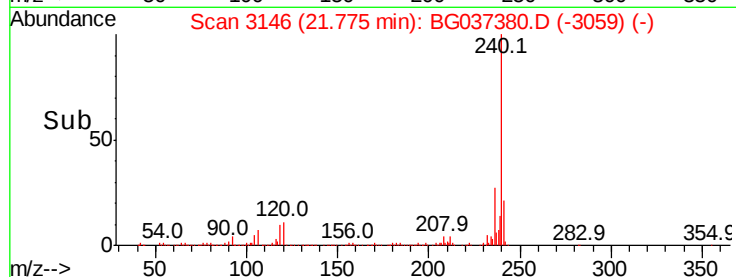
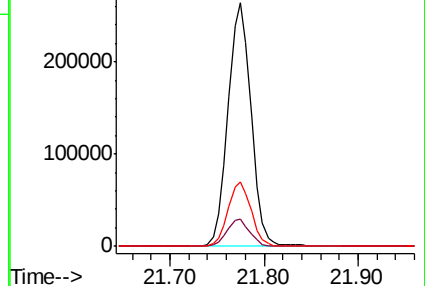
236 26.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 67.295 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037380.D

Acq: 17 Oct 2018 7:36

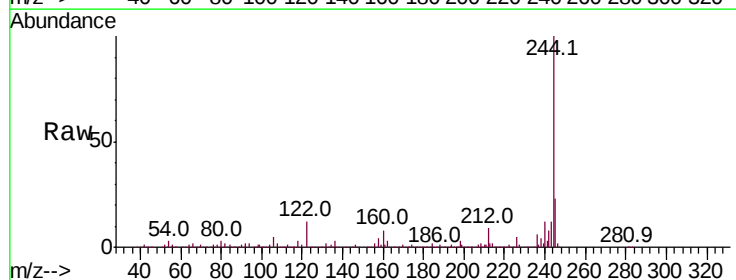
Tgt Ion:244 Resp: 1444299

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

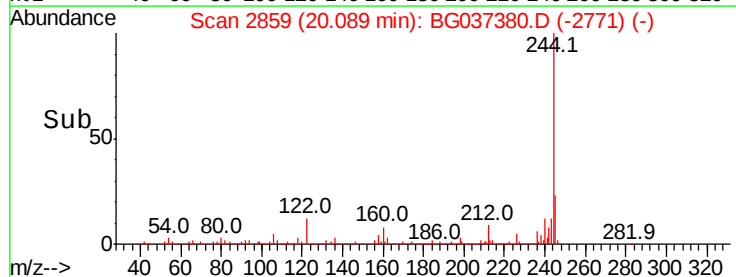
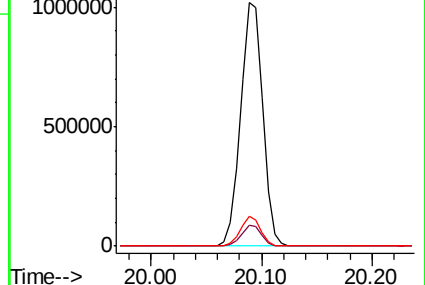
122 12.2 9.0 13.4

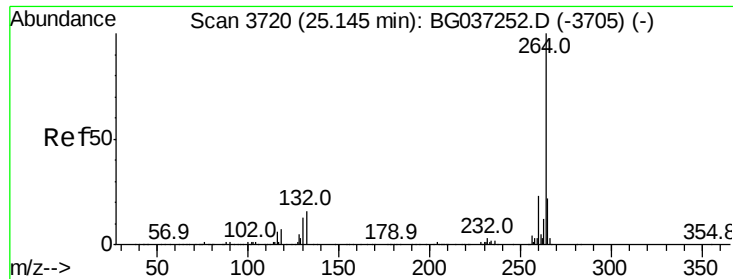


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037380.D
Acq: 17 Oct 2018 7:36

Instrument :
BNA_G
ClientSampleId :
MS-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.8	17.9	26.9

