

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037566.D
 Acq On : 26 Oct 2018 5:26
 Operator : JU/SJ
 Sample : J5395-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH-SOIL

Quant Time: Oct 26 08:46:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74532	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	345686	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	241067	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	552659	20.00	ng	0.00
76) Chrysene-d12	21.77	240	508005	20.00	ng	0.00
87) Perylene-d12	25.10	264	507509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	31373	7.04	ng	0.00
7) Phenol-d6	7.24	99	27538	4.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	69133	11.20	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	41013	15.60	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	189948	11.88	ng	0.00
79) Terphenyl-d14	20.08	244	296217	12.46	ng	0.00

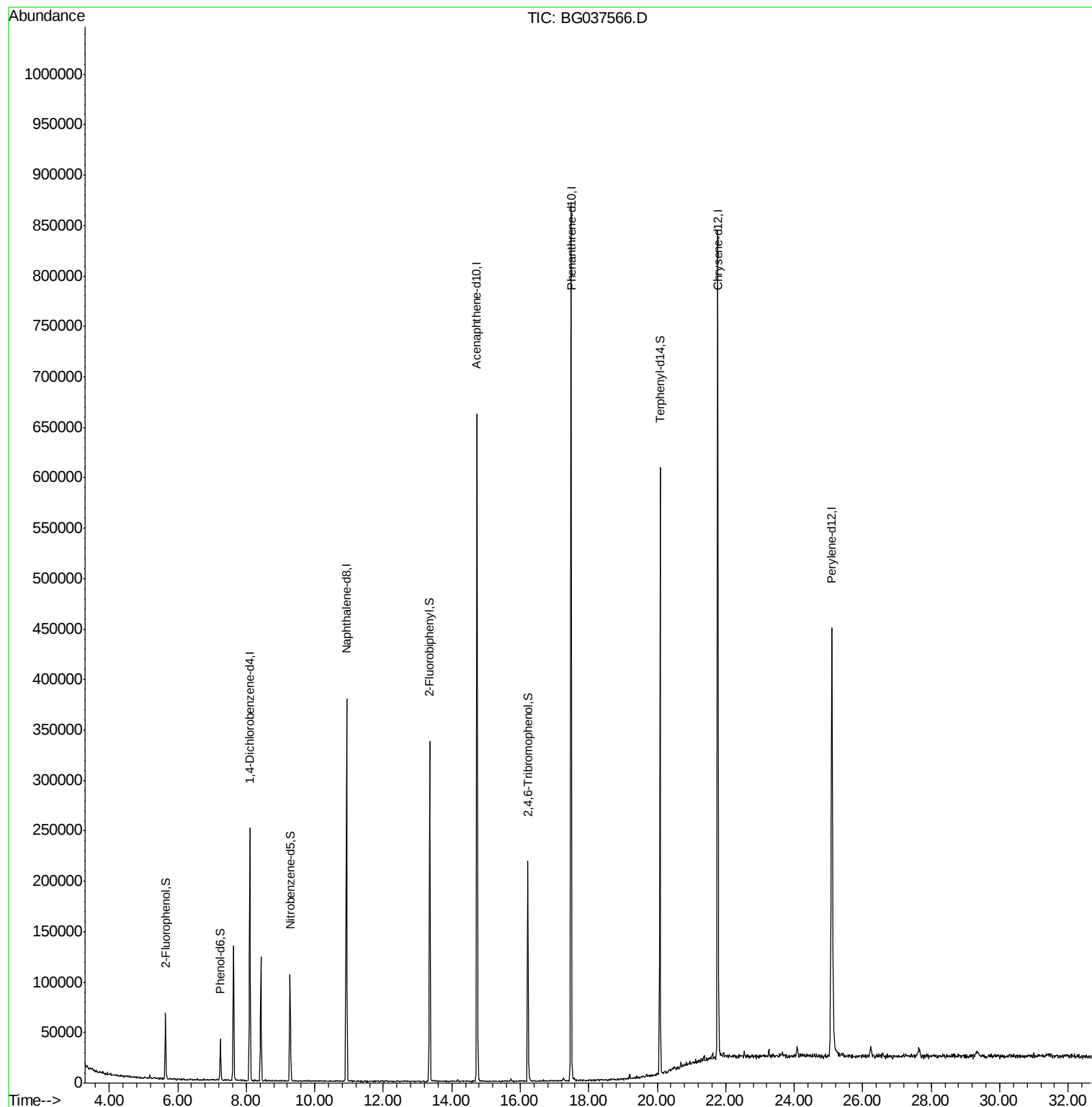
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

Instrument :

BNA_G

ClientSampled :

PH-SOIL

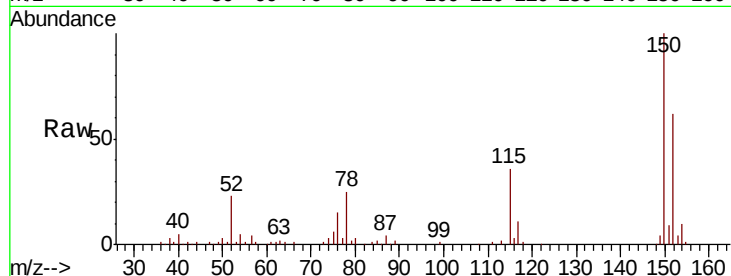
Tot Ion:152 Resp: 74532

Ion Ratio Lower Upper

152 100

150 161.2 126.0 189.0

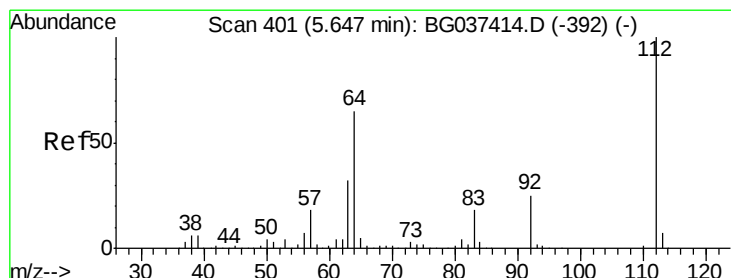
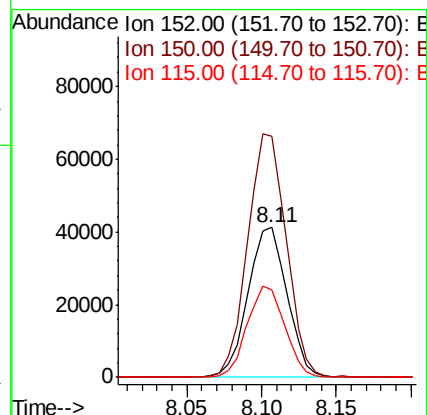
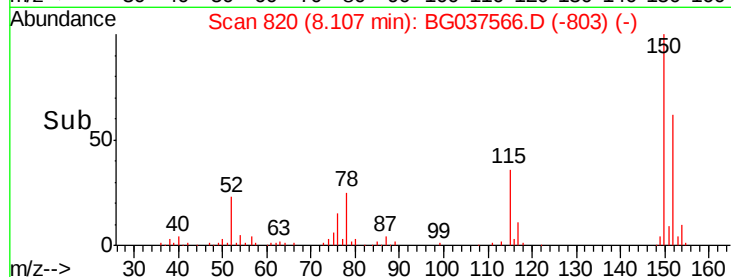
115 58.8 45.5 68.3



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: 7.037 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

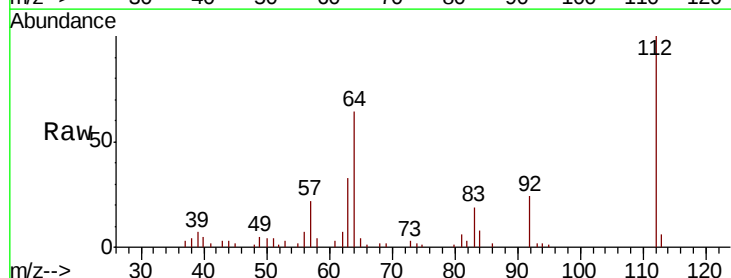
Tgt Ion:112 Resp: 31373

Ion Ratio Lower Upper

112 100

64 63.9 53.1 79.7

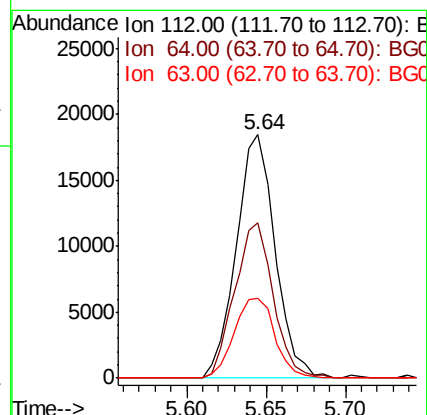
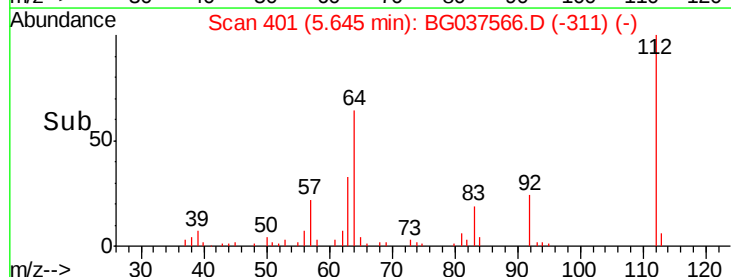
63 32.8 27.3 40.9



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: 4.085 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

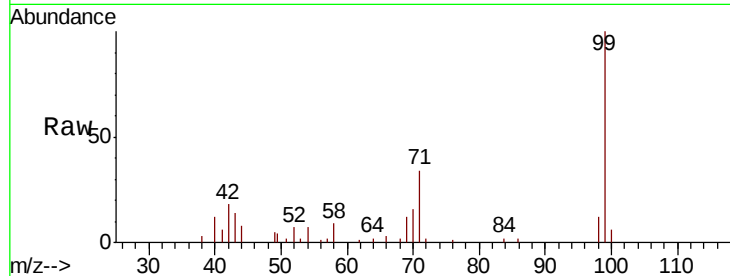
Tot Ion: 99 Resp: 27538

Ion Ratio Lower Upper

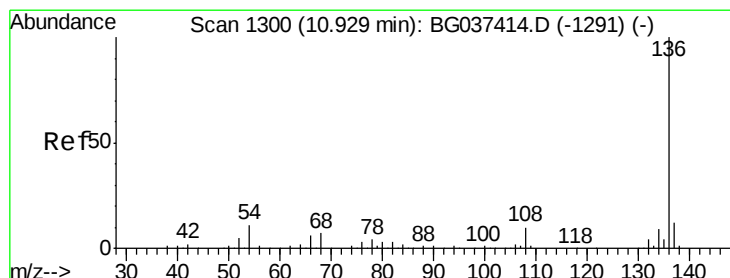
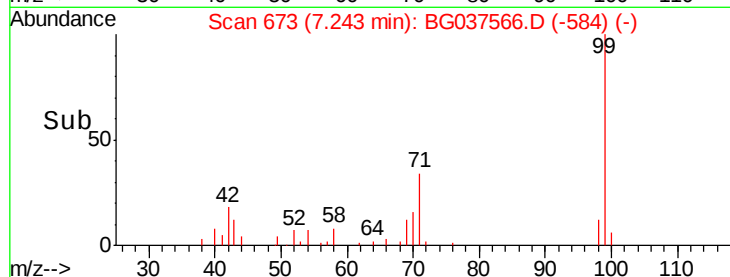
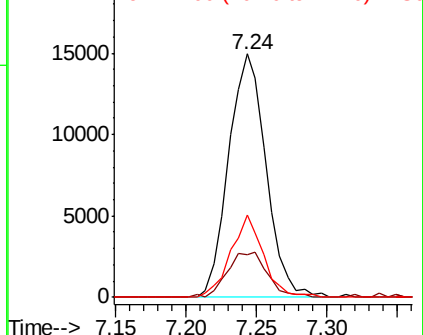
99 100

42 17.6 15.0 22.4

71 33.6 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

Tgt Ion: 136 Resp: 345686

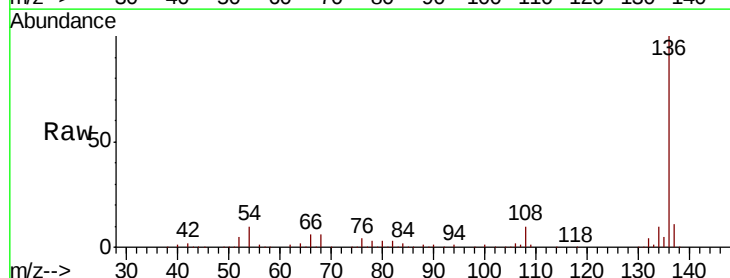
Ion Ratio Lower Upper

136 100

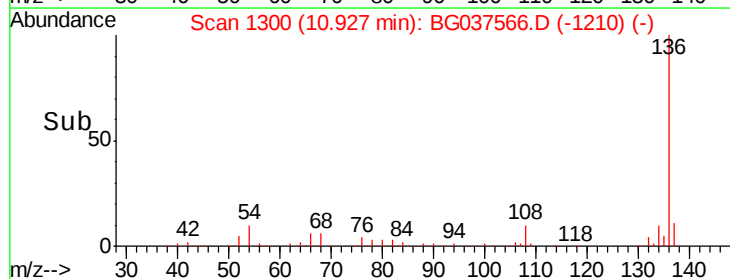
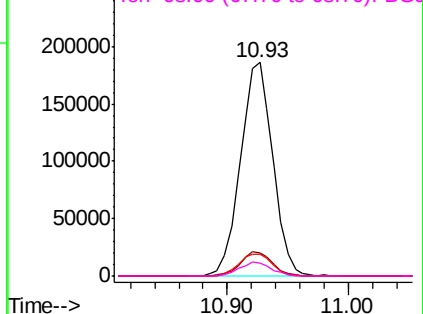
137 11.0 9.6 14.4

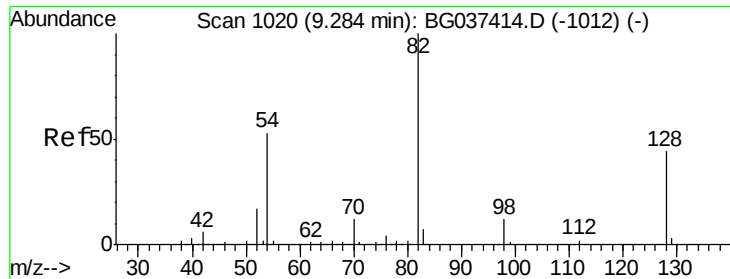
54 10.0 7.9 11.9

68 5.9 4.8 7.2



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

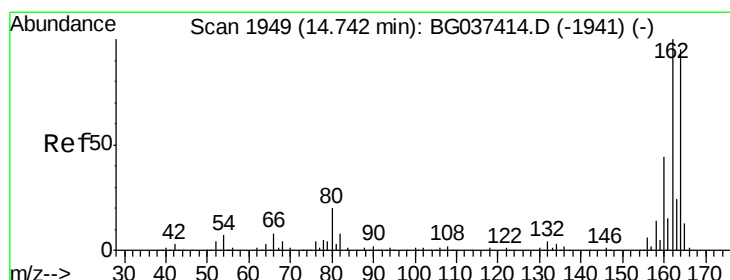
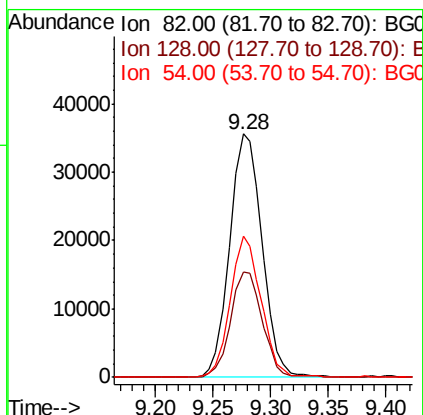
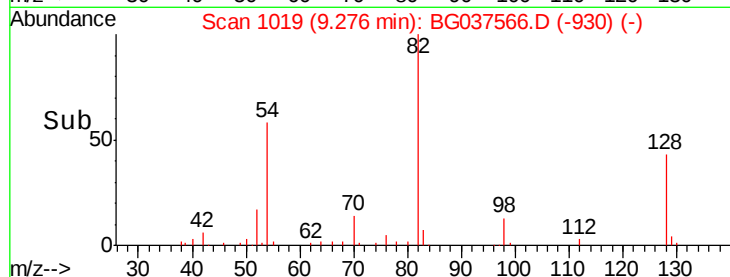
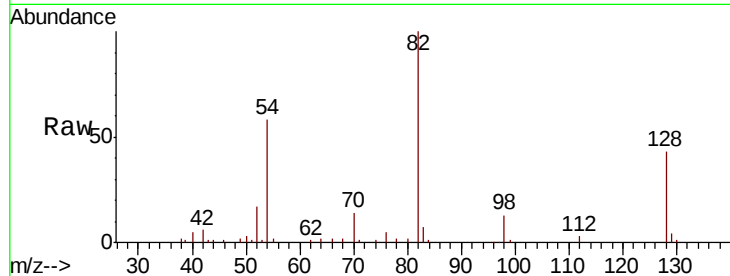




#23
Nitrobenzene-d5
Concen: 11.203 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037566.D
Acq: 26 Oct 2018 5:26

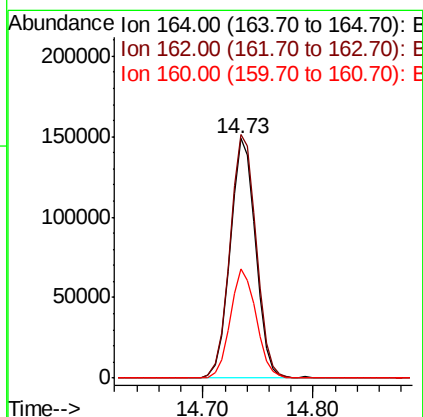
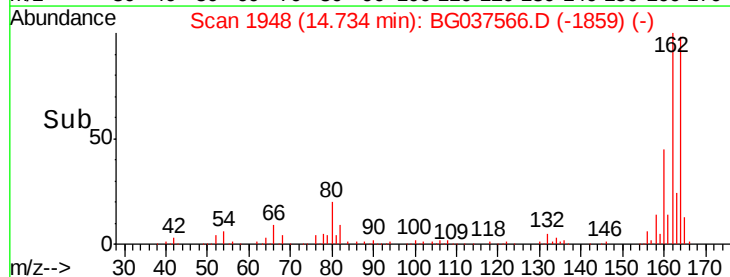
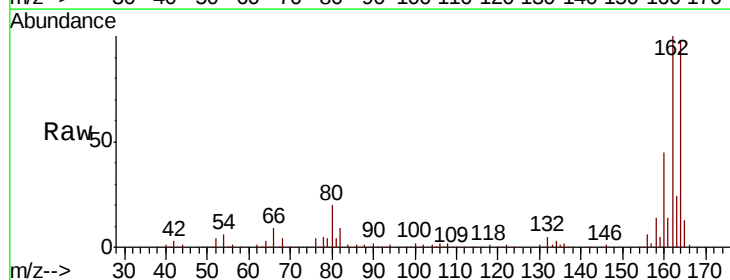
Instrument :
BNA_G
ClientSampled :
PH-SOIL

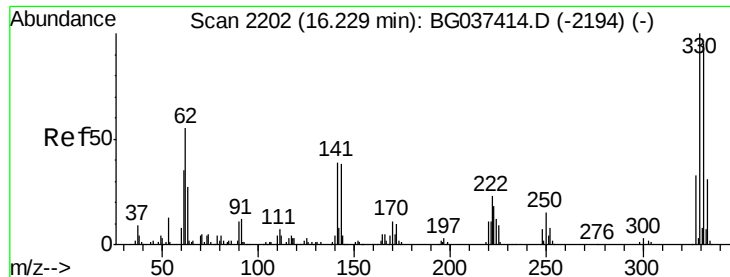
Tot Ion: 82 Resp: 69133
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 57.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037566.D
Acq: 26 Oct 2018 5:26

Tgt Ion: 164 Resp: 241067
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.7 36.3 54.5

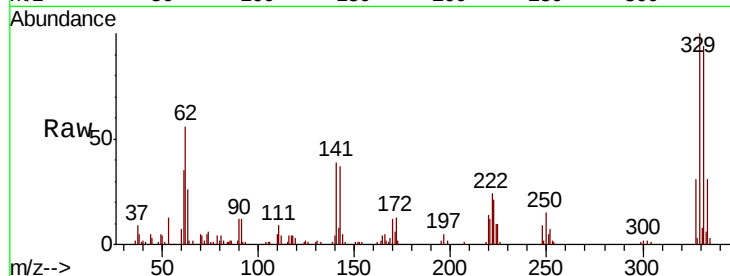




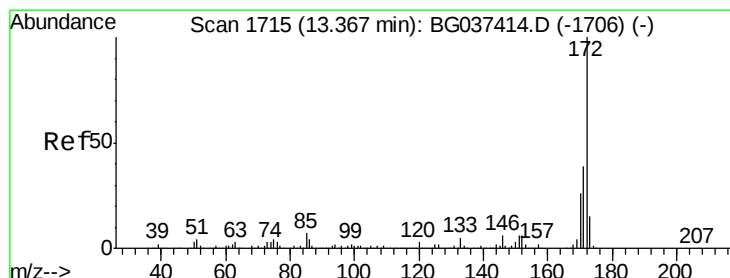
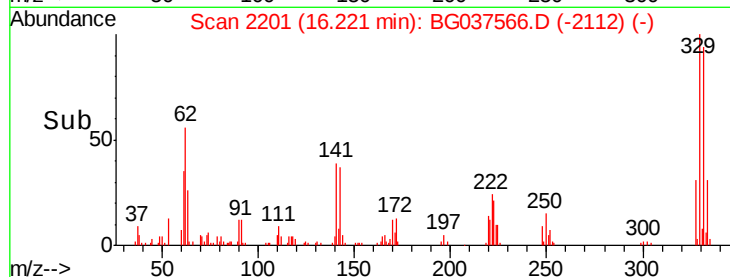
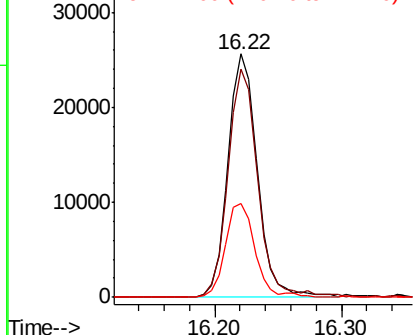
#42
 2,4,6-Tribromophenol
 Concen: 15.598 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037566.D
 Acq: 26 Oct 2018 5:26

Instrument :
 BNA_G
 ClientSampleId :
 PH-SOIL

Tot Ion:330 Resp: 41013
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 38.9 32.2 48.2

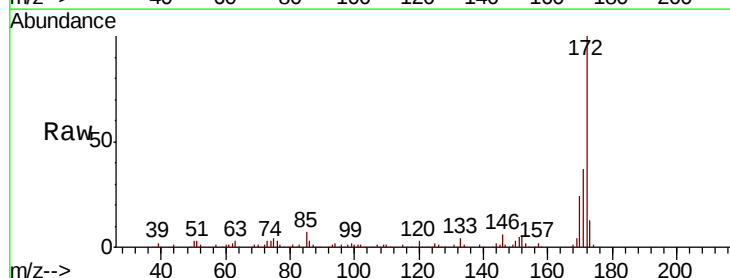


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

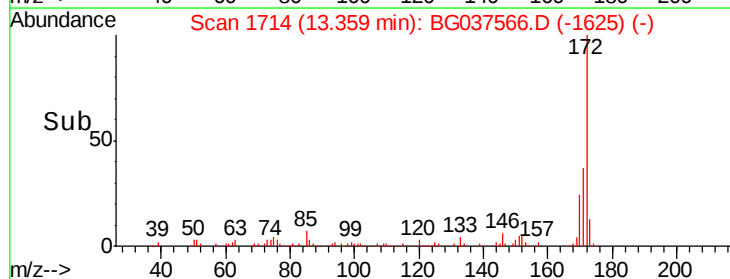
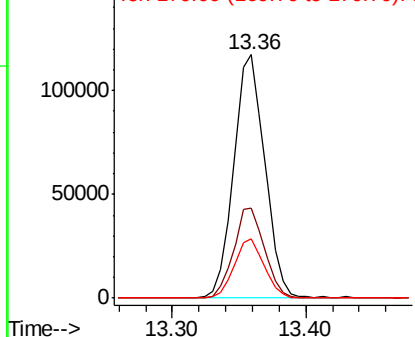


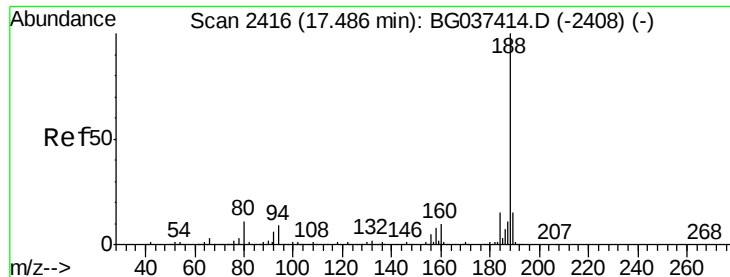
#45
 2-Fluorobiphenyl
 Concen: 11.882 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037566.D
 Acq: 26 Oct 2018 5:26

Tgt Ion:172 Resp: 189948
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.2 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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

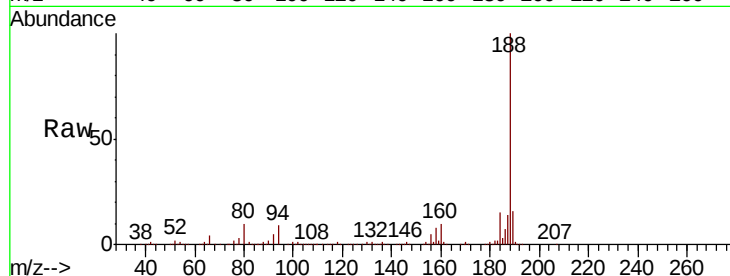
Tot Ion:188 Resp: 552659

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

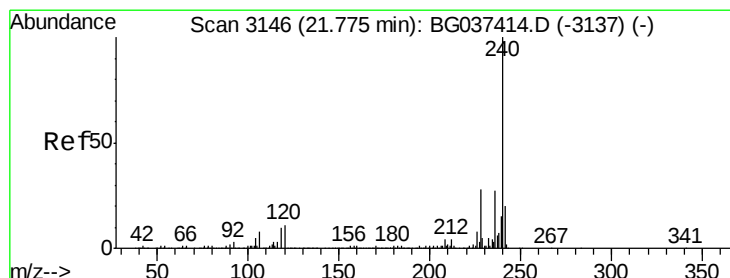
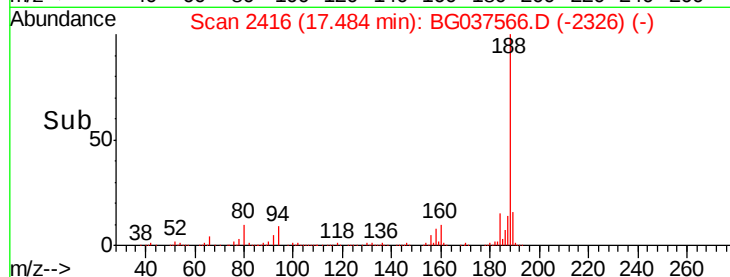
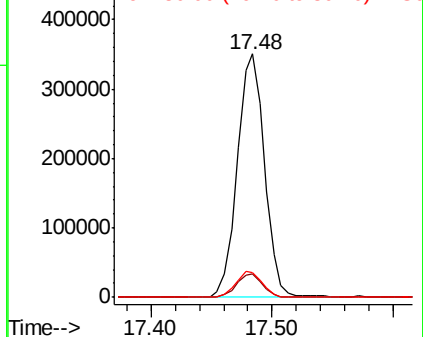
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

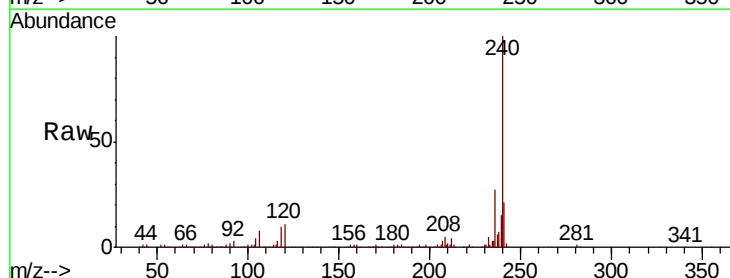
Tgt Ion:240 Resp: 508005

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

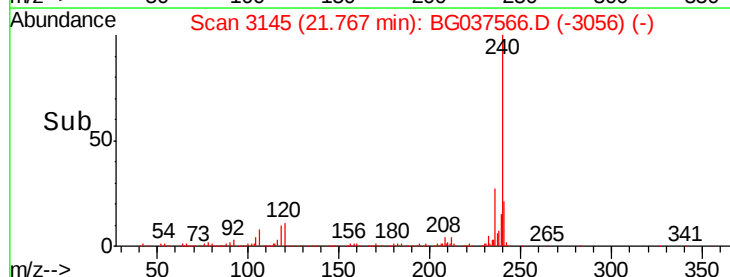
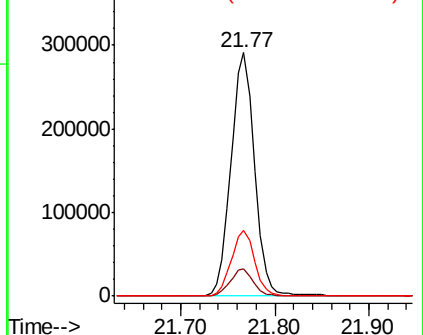
236 27.0 21.4 32.0

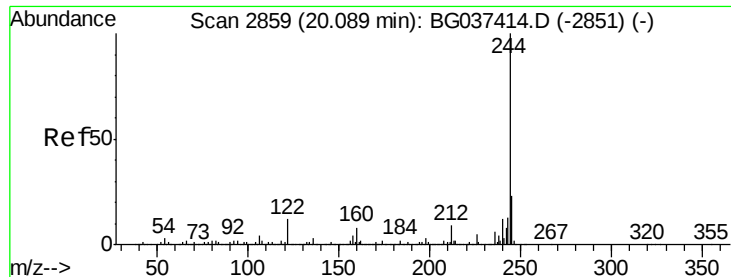


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.459 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

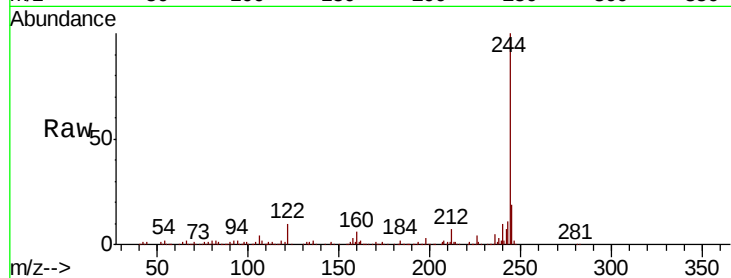
Tot Ion:244 Resp: 296217

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

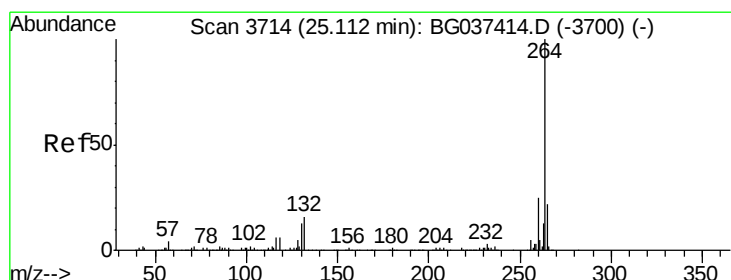
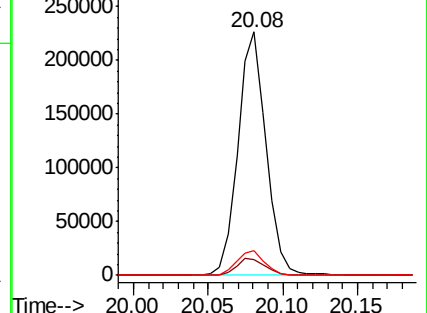
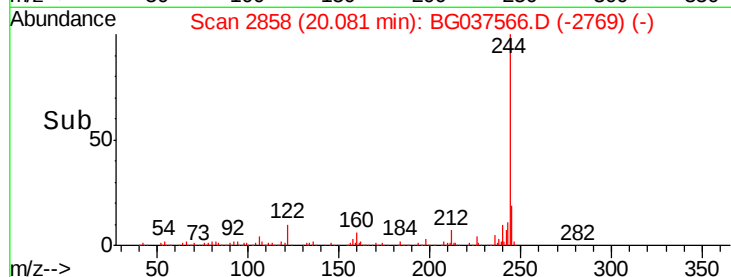
122 9.9 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037566.D

Acq: 26 Oct 2018 5:26

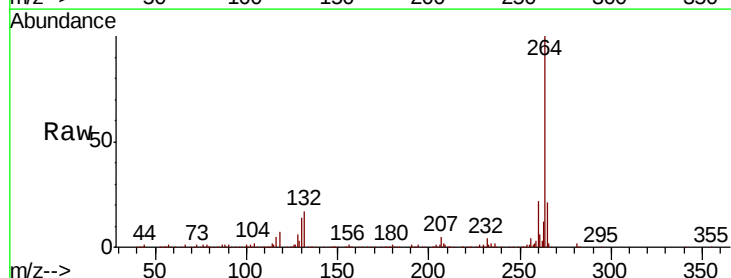
Tgt Ion:264 Resp: 507509

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 20.7 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

