

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036161.D
 Acq On : 7 Aug 2018 13:45
 Operator : JU/SJ
 Sample : J4355-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL

Quant Time: Aug 07 14:27:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30519	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	102602	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	75518	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	218571	20.00	ng	0.00
75) Chrysene-d12	21.64	240	247341	20.00	ng	0.00
86) Perylene-d12	24.82	264	228080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	244379	132.94	ng	0.00
7) Phenol-d6	7.18	99	315640	115.09	ng	0.00
23) Nitrobenzene-d5	9.17	82	262874	107.03	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	184899	185.76	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	597884	106.07	ng	0.00
78) Terphenyl-d14	19.98	244	1252764	111.65	ng	0.00

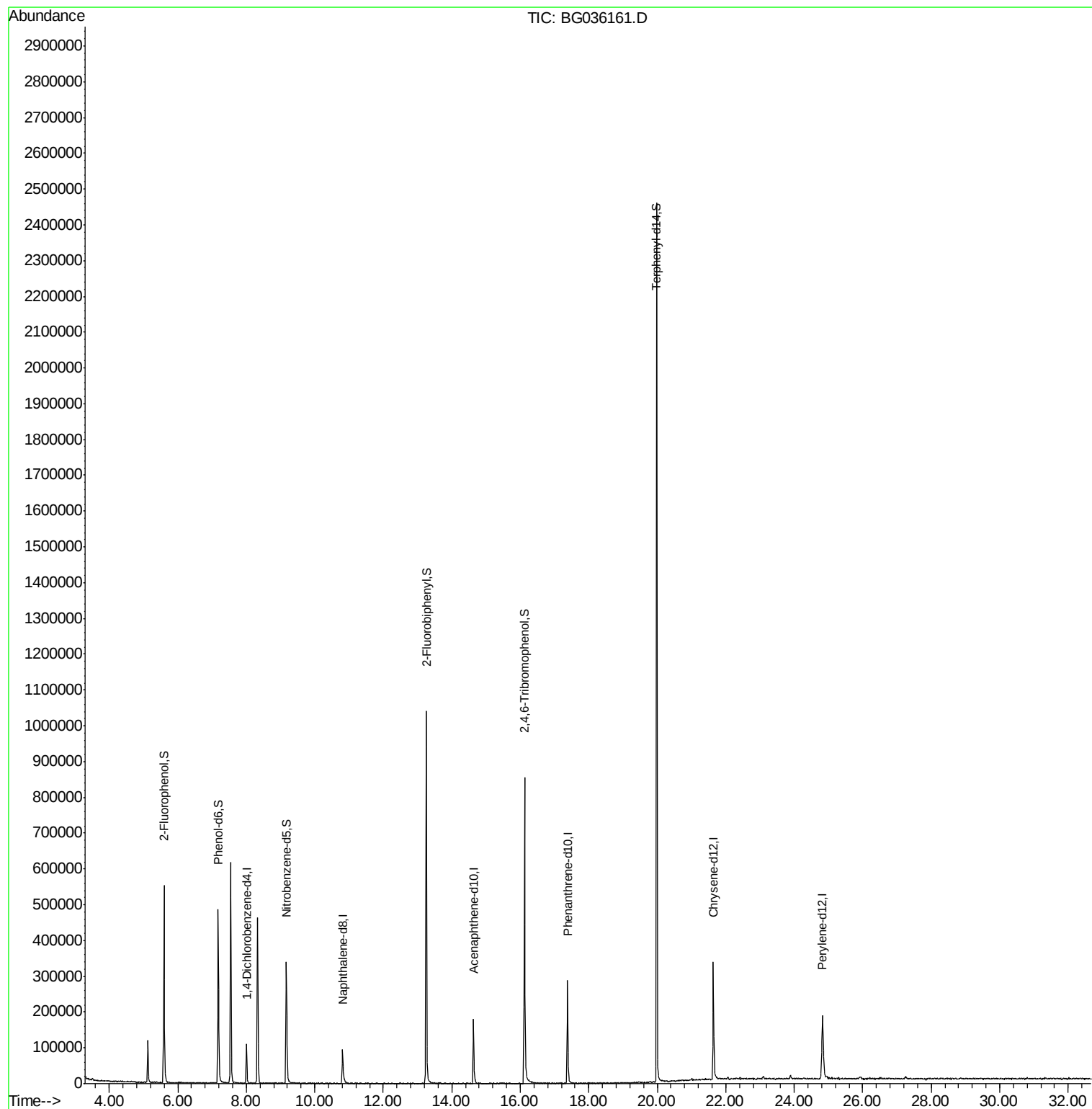
Target Compounds Qvalue

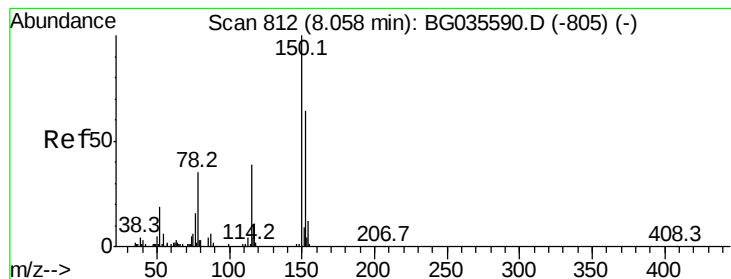
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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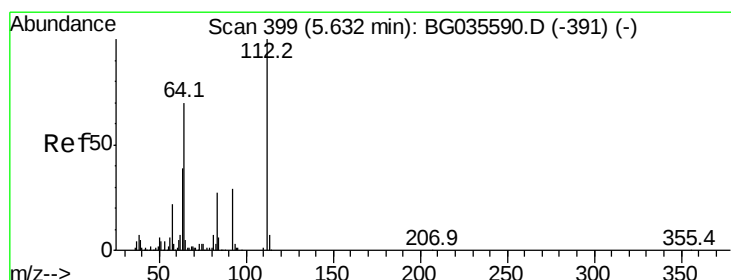
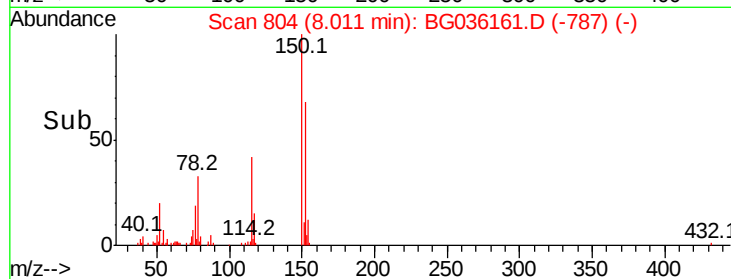
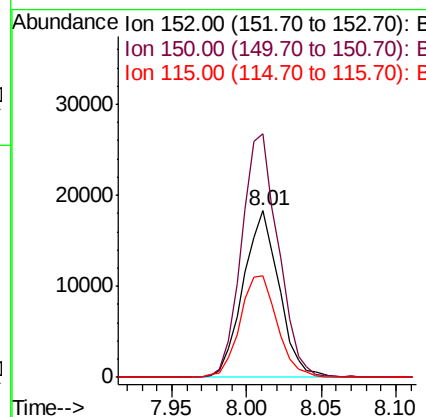
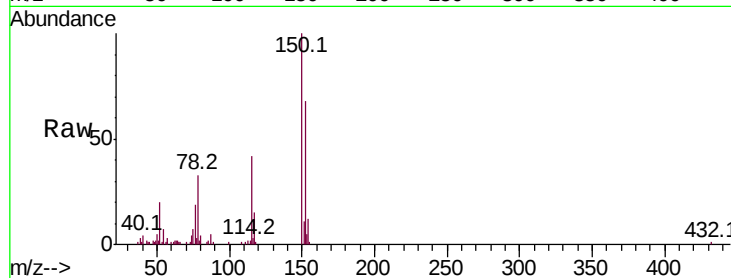


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BG036161.D
 Acq: 7 Aug 2018 13:45

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL

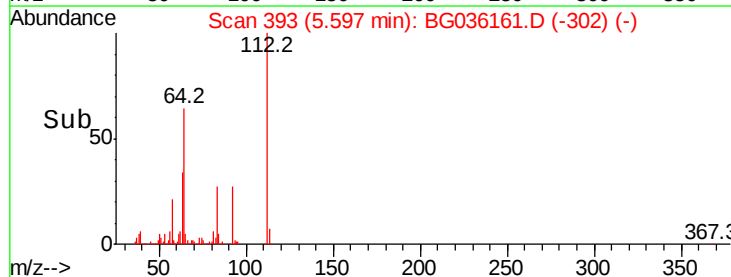
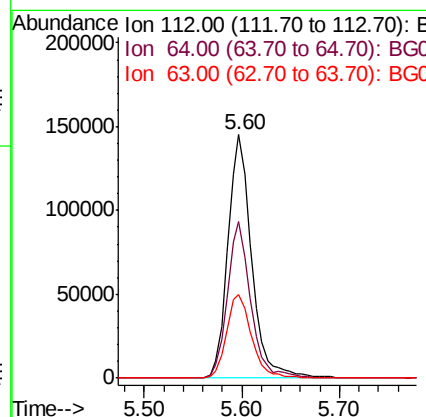
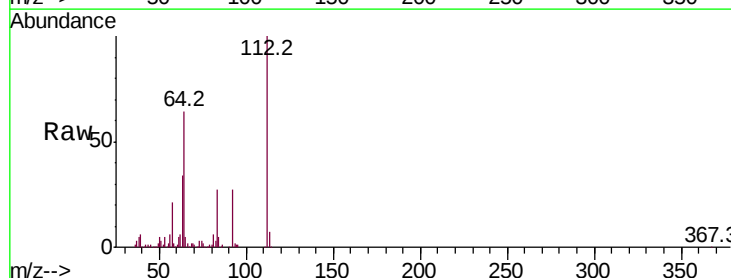
Tot Ion	152	Resp	30519
Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.6	189.8
115	60.7	53.0	79.4



#5

2-Fluorophenol
 Concen: 132.942 ng
 RT: 5.60 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BG036161.D
 Acq: 7 Aug 2018 13:45

Tgt Ion	112	Resp	244379
Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	34.4	30.1	45.1





#7

Phenol-d6

Concen: 115.087 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036161.D

Acq: 7 Aug 2018 13:45

Instrument :

BNA_G

ClientSampleId :

WC-SOIL

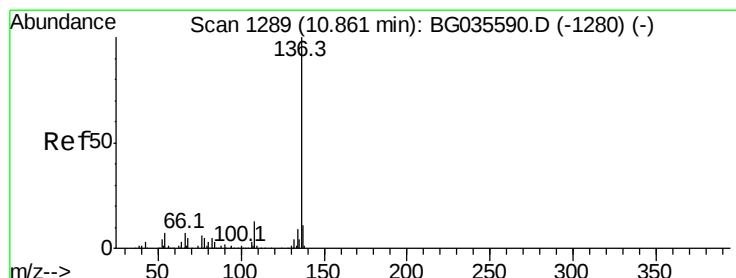
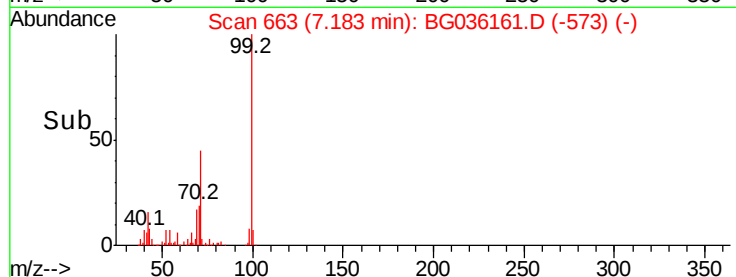
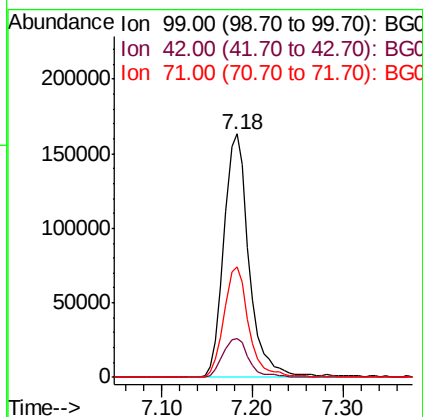
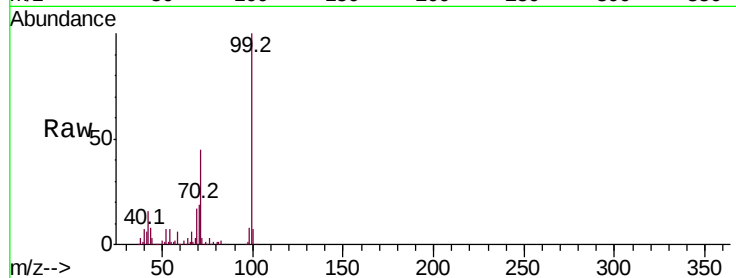
Tot Ion: 99 Resp: 315640

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 45.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BG036161.D

Acq: 7 Aug 2018 13:45

Tgt Ion: 136 Resp: 102602

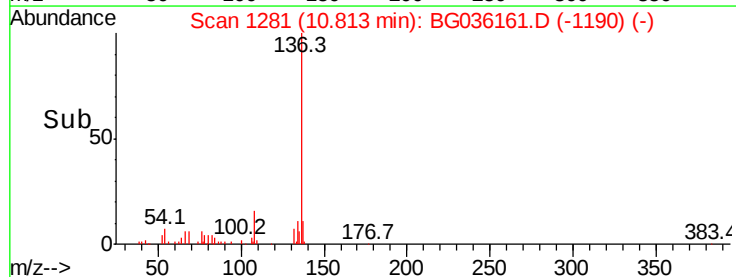
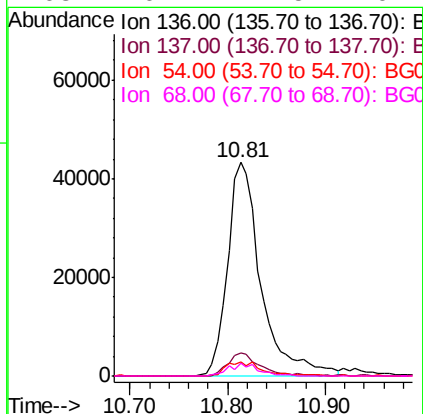
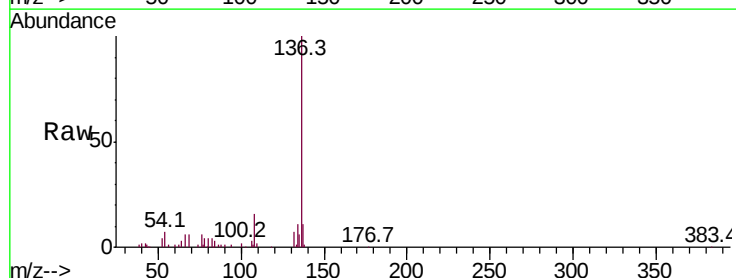
Ion Ratio Lower Upper

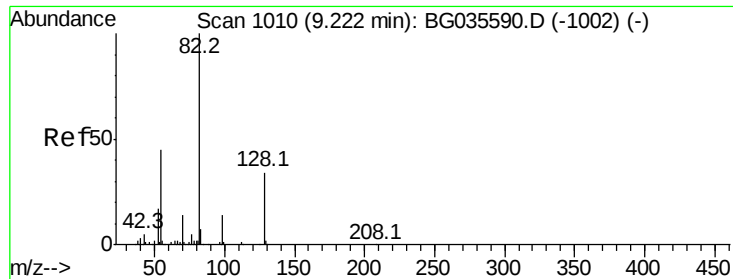
136 100

137 10.7 9.2 13.8

54 6.6 10.3 15.5#

68 6.2 4.5 6.7

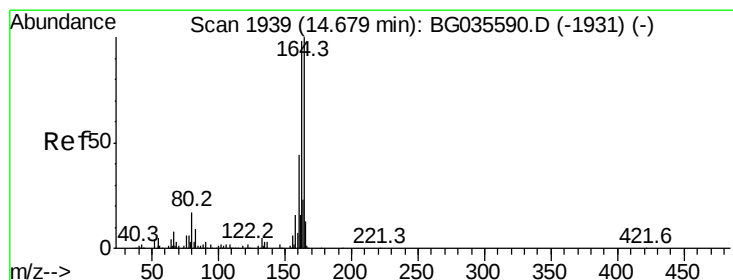
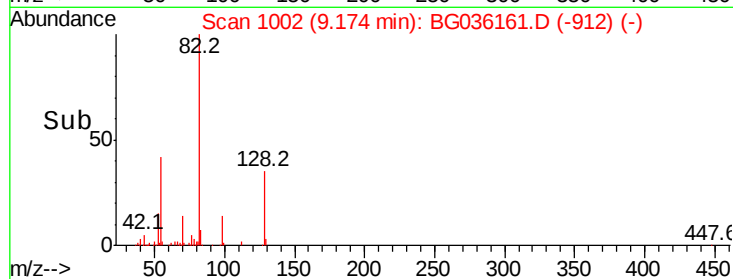
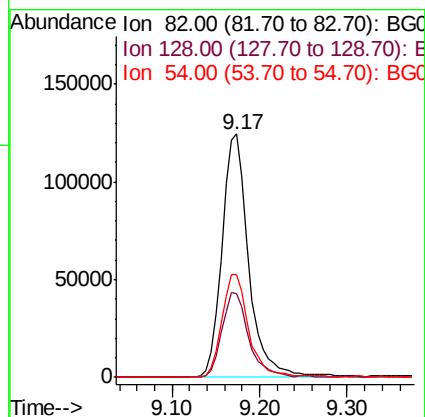
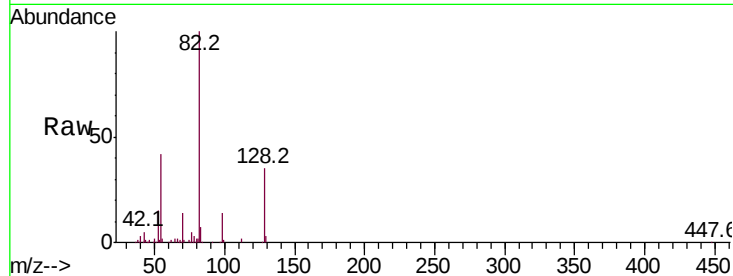




#23
Nitrobenzene-d5
Concen: 107.030 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG036161.D
Acq: 7 Aug 2018 13:45

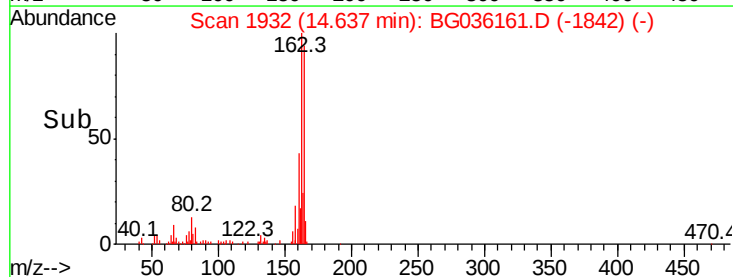
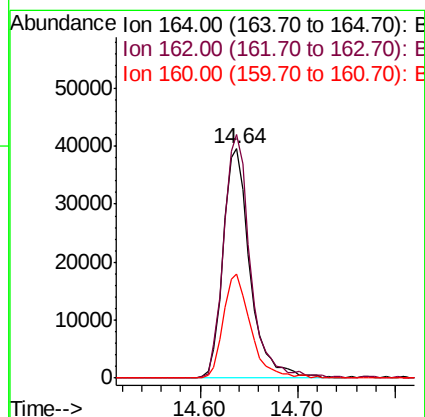
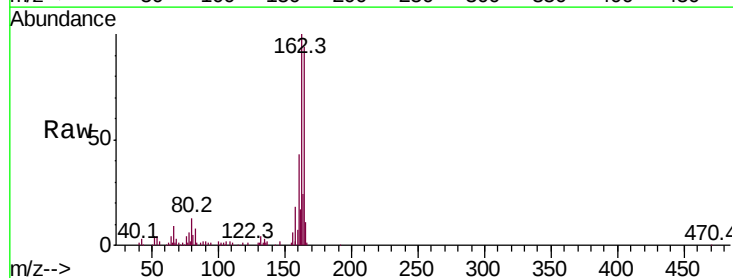
Instrument :
BNA_G
ClientSampleId :
WC-SOIL

Tot Ion: 82 Resp: 262874
Ion Ratio Lower Upper
82 100
128 34.5 29.7 44.5
54 42.3 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG036161.D
Acq: 7 Aug 2018 13:45

Tgt Ion:164 Resp: 75518
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 45.3 35.4 53.0

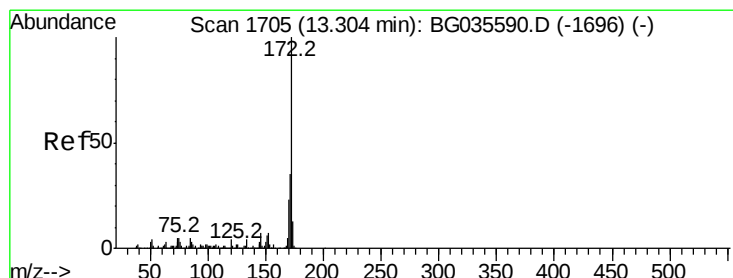
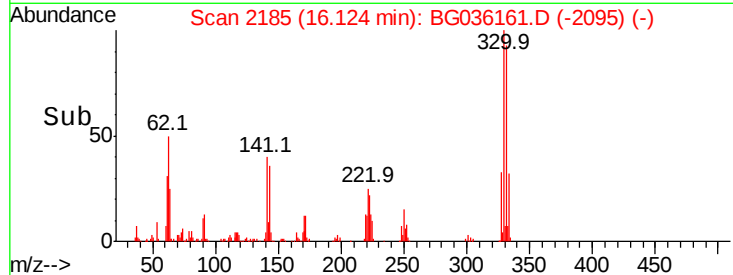
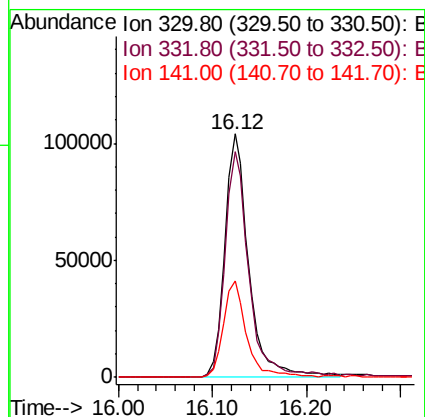
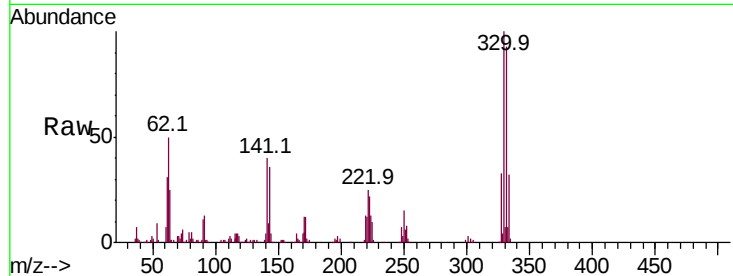




#41
 2,4,6-Tribromophenol
 Concen: 185.758 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG036161.D
 Acq: 7 Aug 2018 13:45

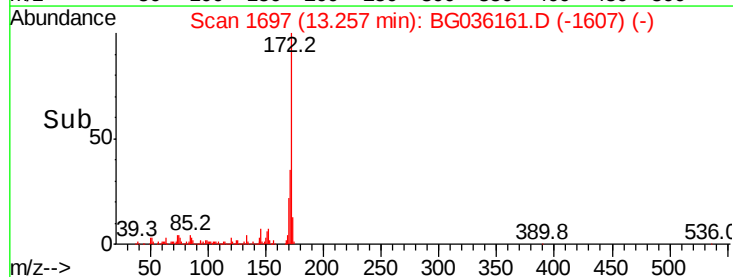
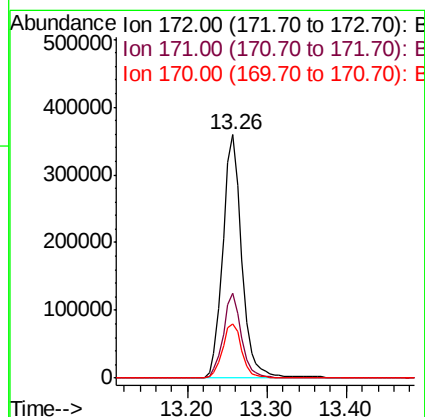
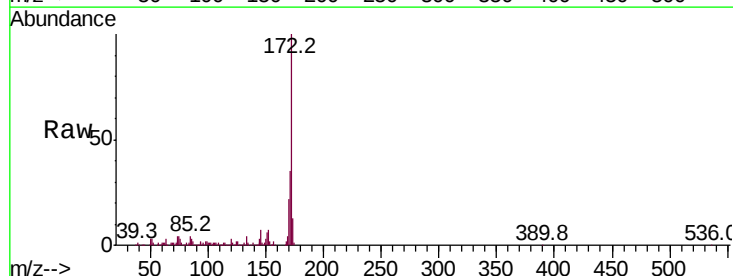
Instrument :
 BNA_G
 ClientSampled :
 WC-SOIL

Tot Ion:330 Resp: 184899
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 38.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 106.069 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG036161.D
 Acq: 7 Aug 2018 13:45

Tgt Ion:172 Resp: 597884
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 22.3 19.5 29.3

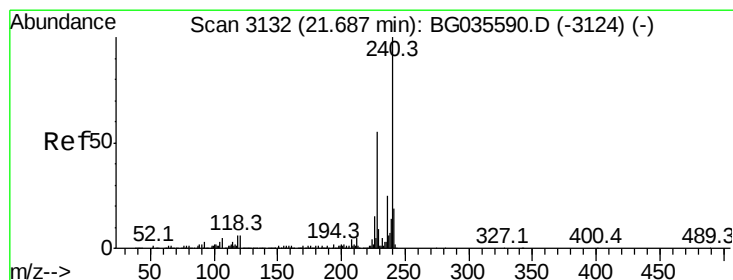
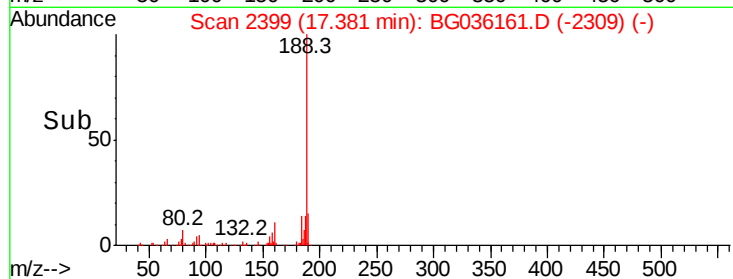
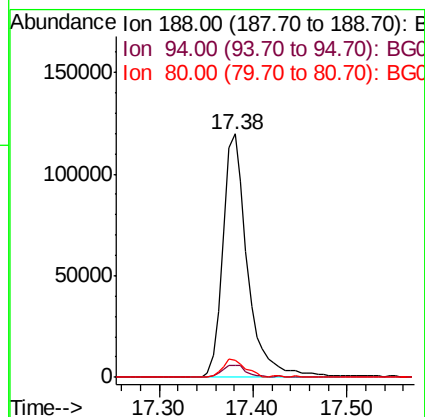
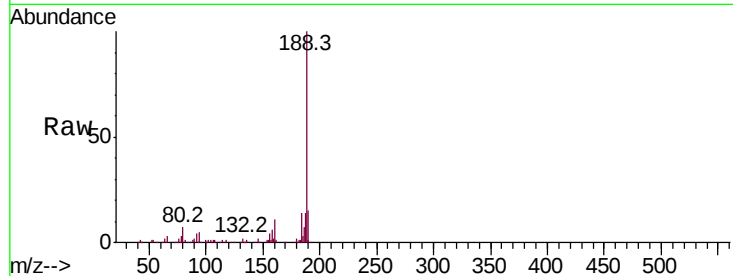




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG036161.D
Acq: 7 Aug 2018 13:45

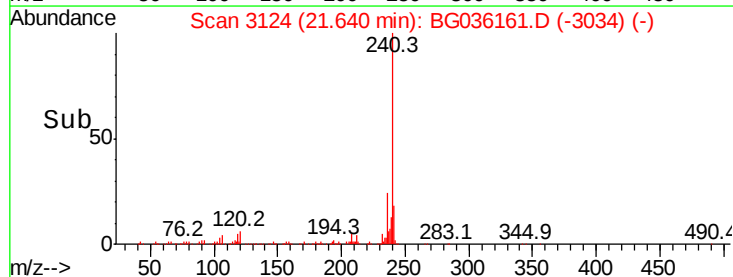
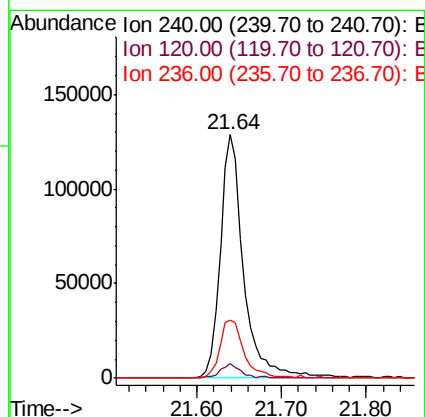
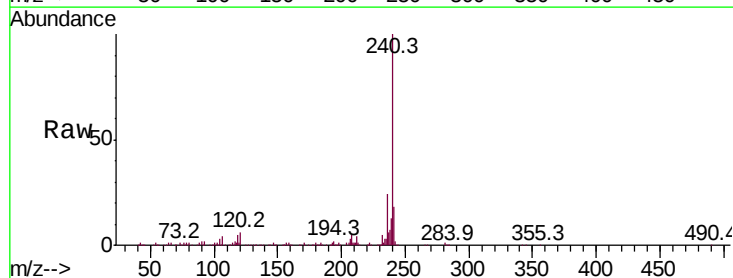
Instrument :
BNA_G
ClientSampleId :
WC-SOIL

Tot Ion:188 Resp: 218571
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 7.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG036161.D
Acq: 7 Aug 2018 13:45

Tgt Ion:240 Resp: 247341
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.0 20.9 31.3





#78

Terphenyl-d14

Concen: 111.646 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG036161.D

Acq: 7 Aug 2018 13:45

Instrument :

BNA_G

ClientSampleId :

WC-SOIL

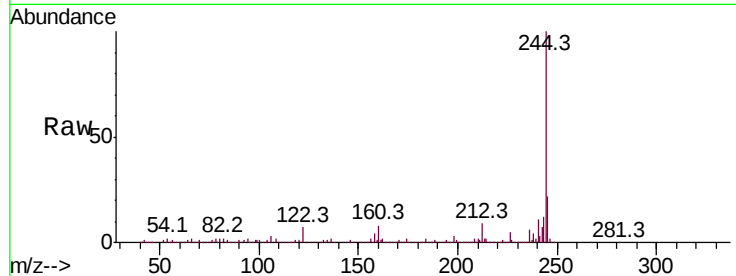
Tot Ion:244 Resp: 1252764

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

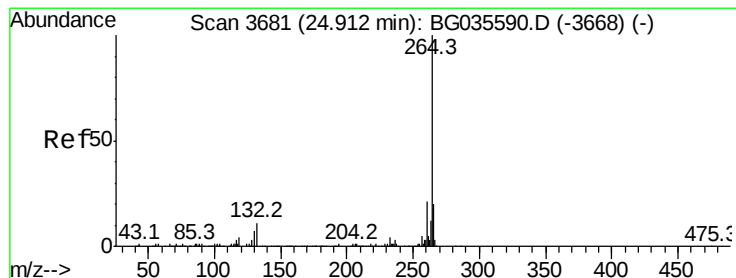
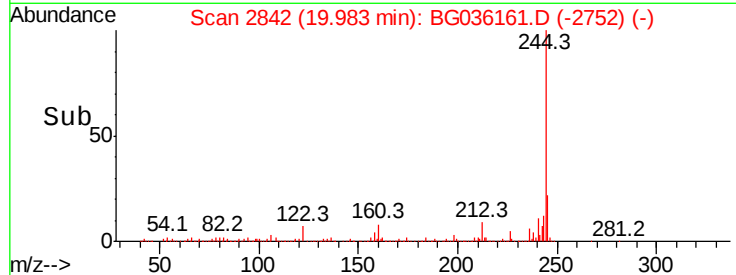
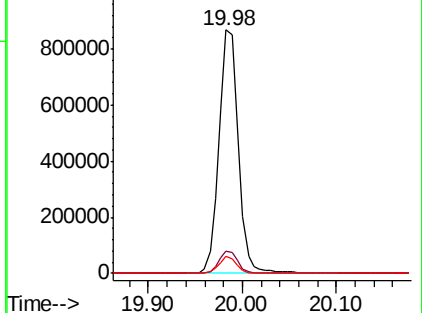
122 7.2 7.0 10.4



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: 24.82 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BG036161.D

Acq: 7 Aug 2018 13:45

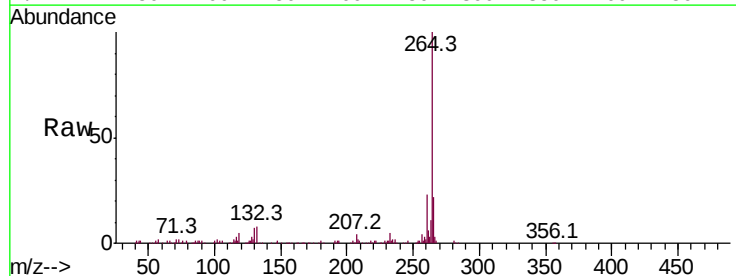
Tgt Ion:264 Resp: 228080

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.0 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

