

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036679.D
 Acq On : 12 Sep 2018 19:04
 Operator : JU/SJ
 Sample : J4853-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-SOIL

Quant Time: Sep 13 01:39:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56728	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	235551	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	153307	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	391871	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	387739	20.00	ng	-0.01
86) Perylene-d12	24.90	264	297371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371255	103.81	ng	0.00
7) Phenol-d6	7.21	99	466394	91.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	377897	87.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	200151	109.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	877575	81.73	ng	-0.01
78) Terphenyl-d14	20.03	244	1503996	90.66	ng	0.00

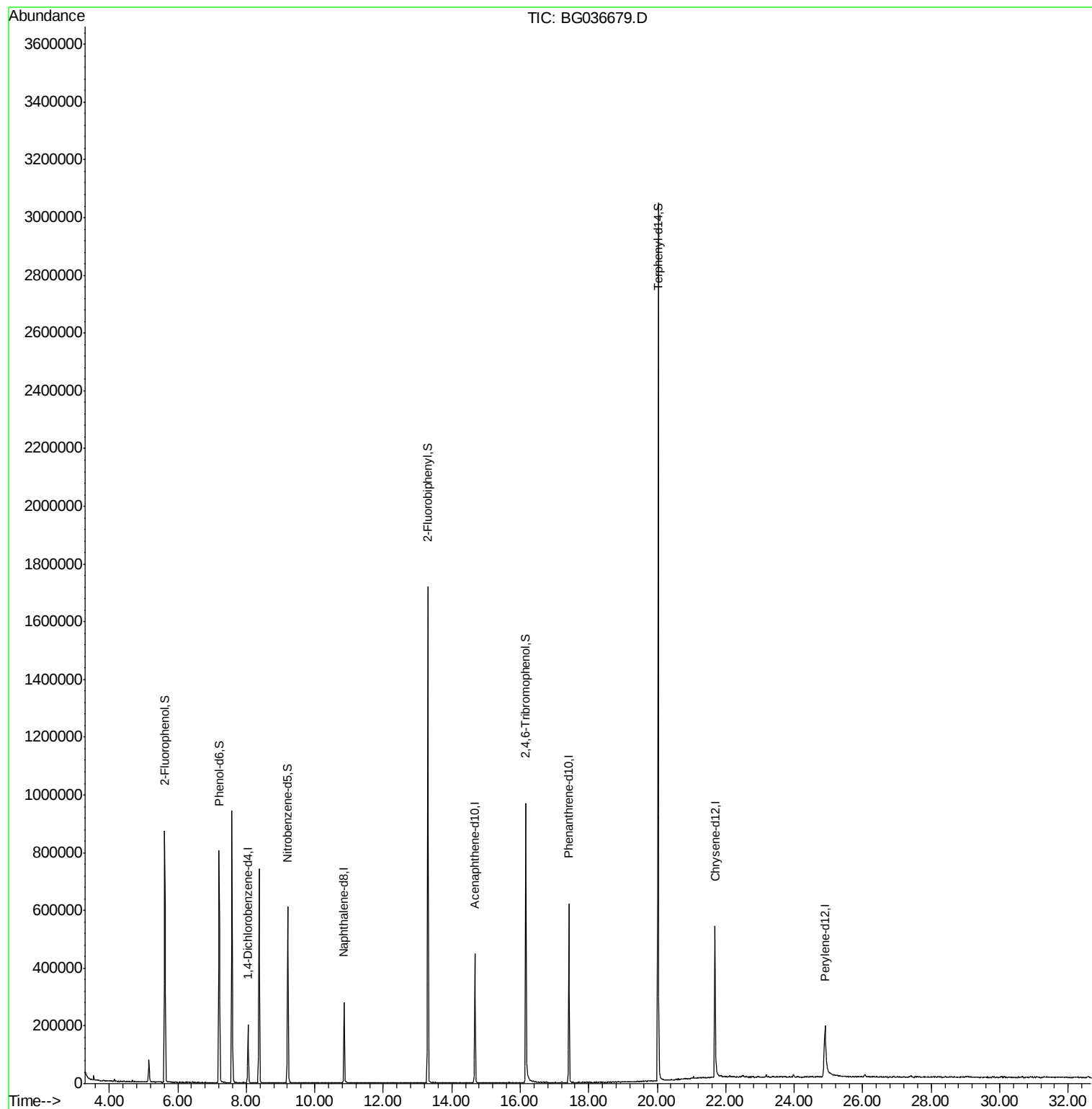
Target Compounds Qvalue

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

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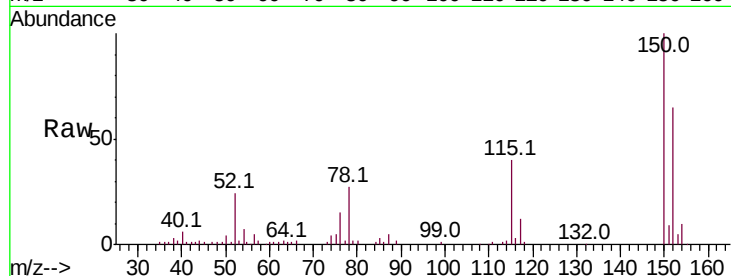


#1

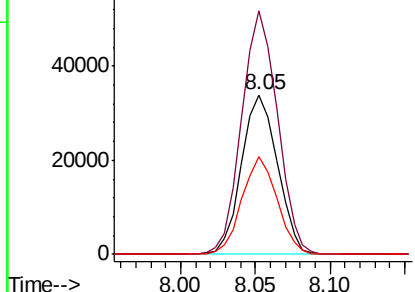
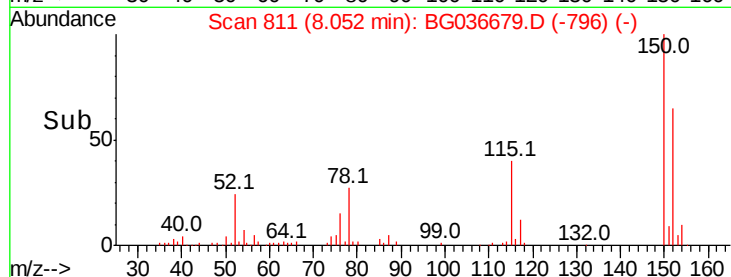
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-SOIL

Tot Ion:152 Resp: 56728
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.5 179.3
 115 61.4 44.5 66.7



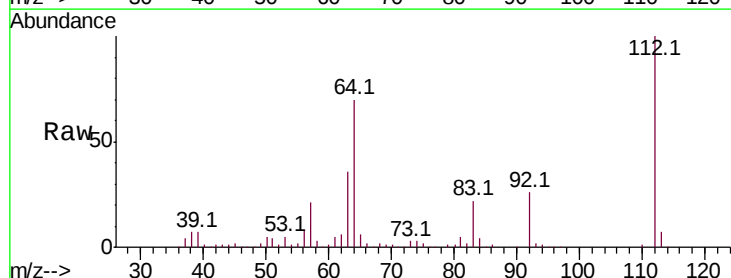
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



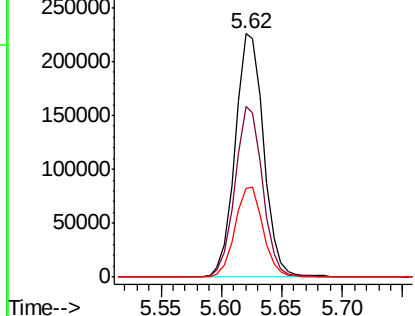
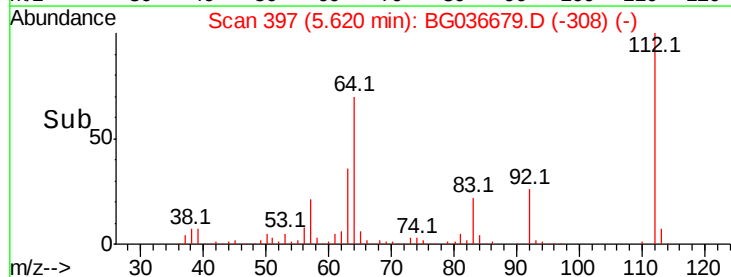
#5

2-Fluorophenol
 Concen: 103.815 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:112 Resp: 371255
 Ion Ratio Lower Upper
 112 100
 64 70.2 57.2 85.8
 63 36.4 30.8 46.2



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: 91.090 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

Instrument :

BNA_G

ClientSampleId :

CS-SOIL

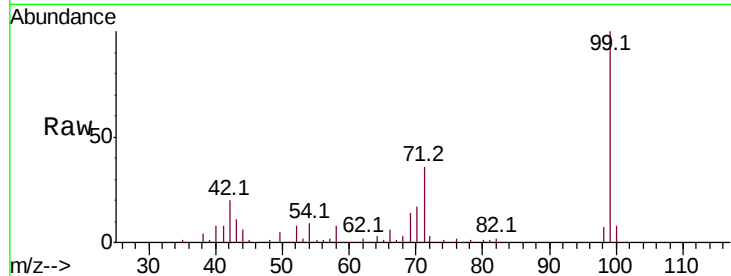
Tot Ion: 99 Resp: 466394

Ion Ratio Lower Upper

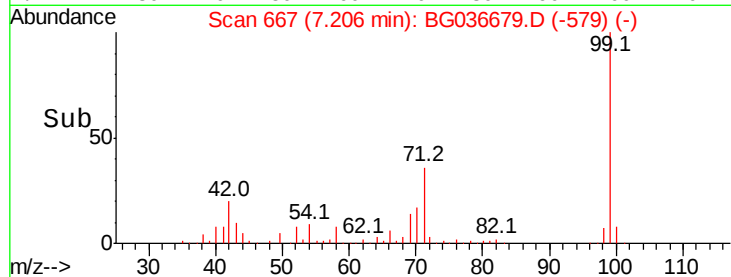
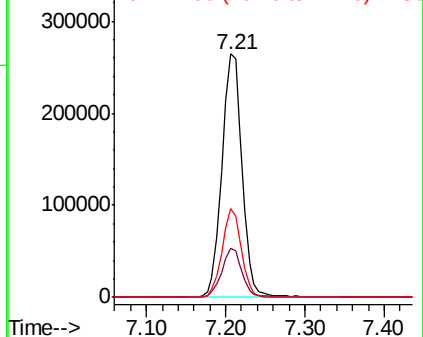
99 100

42 20.2 16.5 24.7

71 36.5 29.4 44.2



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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036679.D

Acq: 12 Sep 2018 19:04

Tgt Ion: 136 Resp: 235551

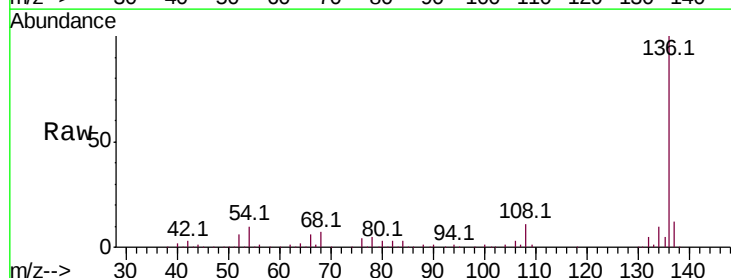
Ion Ratio Lower Upper

136 100

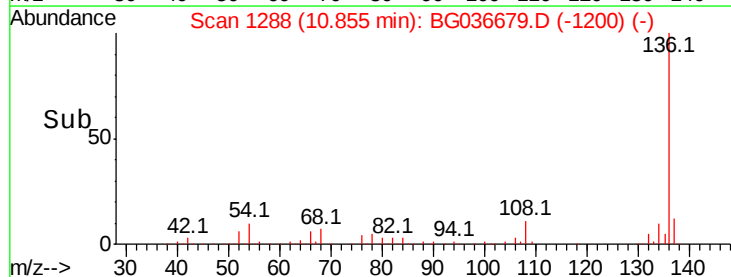
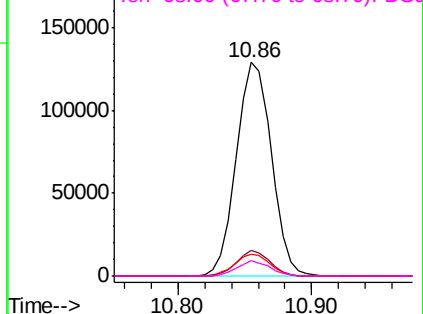
137 11.7 8.8 13.2

54 10.4 9.2 13.8

68 7.2 5.8 8.6



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

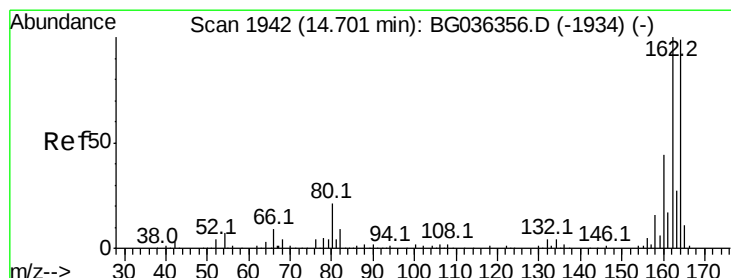
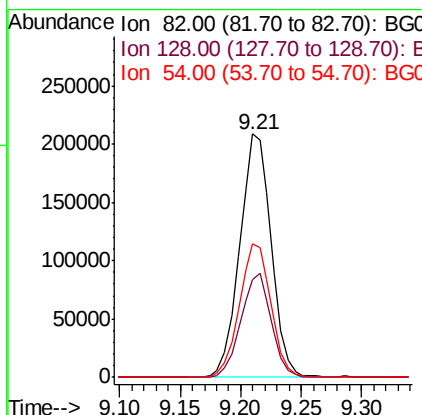
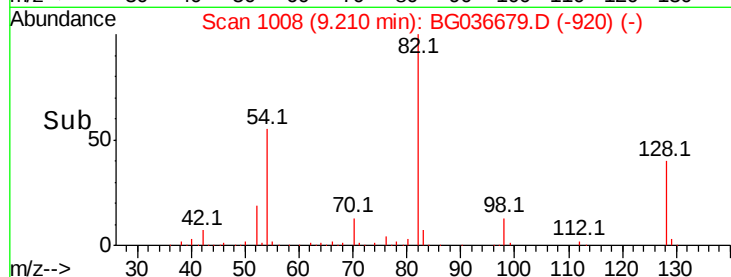
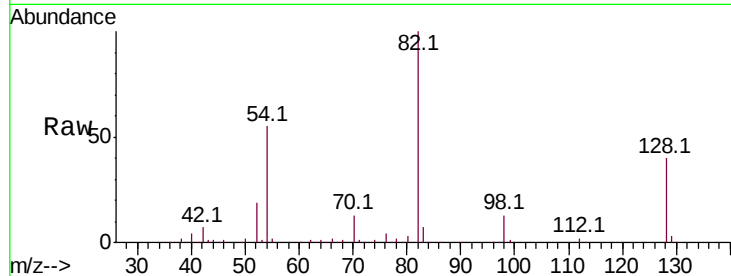




#23
Nitrobenzene-d5
Concen: 87.045 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

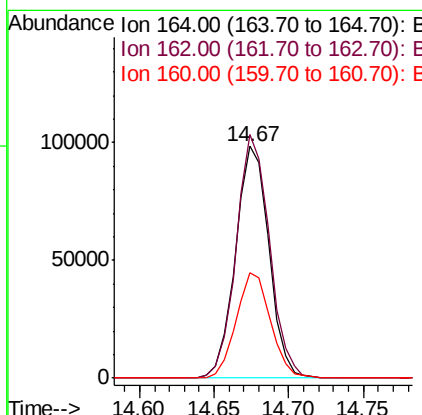
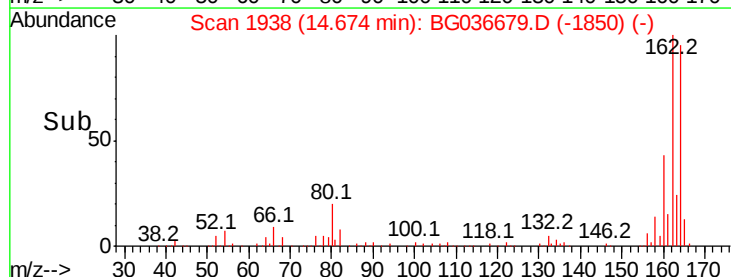
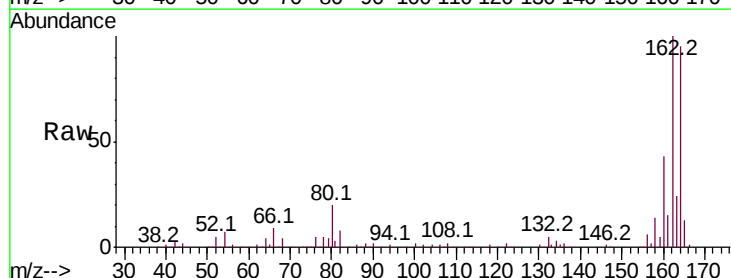
Instrument :
BNA_G
ClientSampled :
CS-SOIL

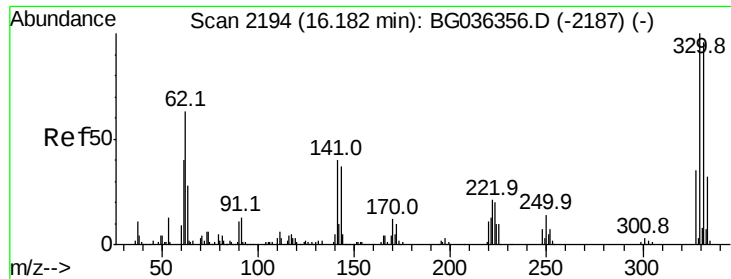
Tot Ion	82	Resp	377897
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.3	49.9
54	55.0	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

Tgt Ion	164	Resp	153307
Ion Ratio	Lower	Upper	
164	100		
162	105.1	80.7	121.1
160	45.3	35.3	52.9

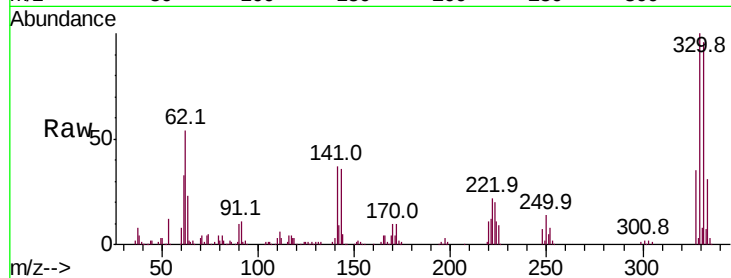




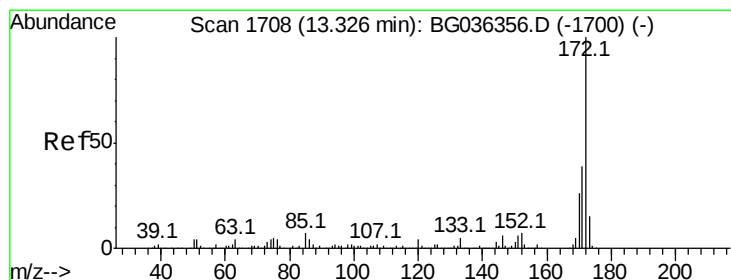
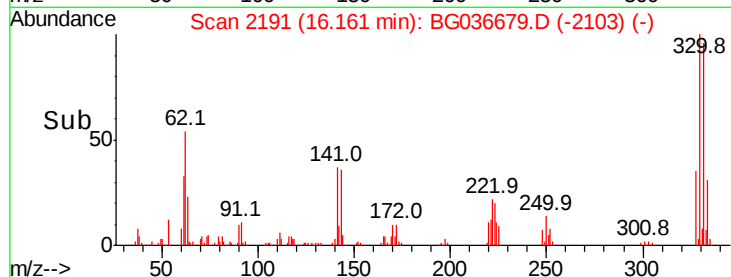
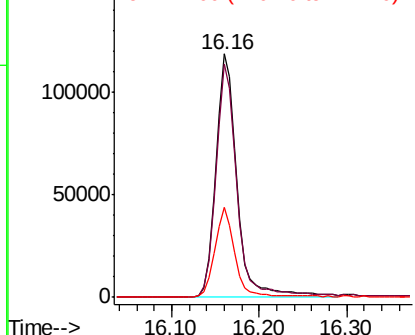
#41
 2,4,6-Tribromophenol
 Concen: 109.414 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-SOIL

Tot Ion:330 Resp: 200151
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.2
 141 34.2 30.7 46.1

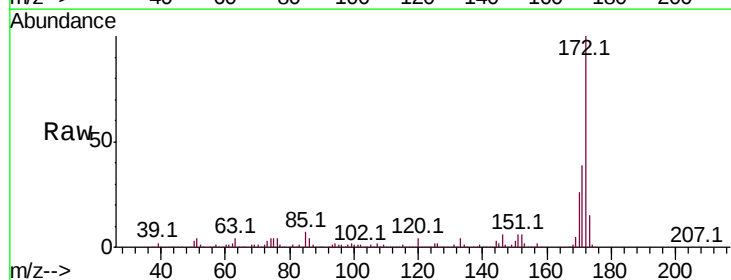


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

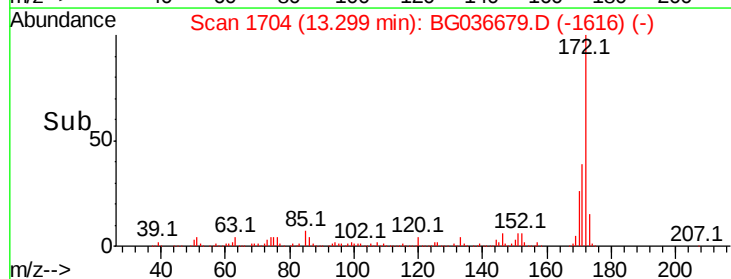
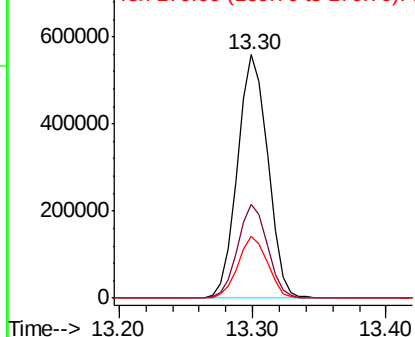


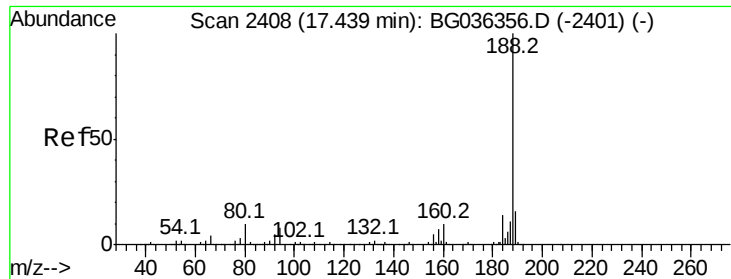
#44
 2-Fluorobiphenyl
 Concen: 81.733 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:172 Resp: 877575
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.3 46.9
 170 25.5 21.0 31.6



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

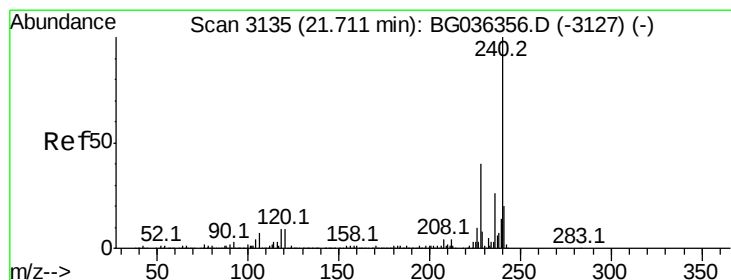
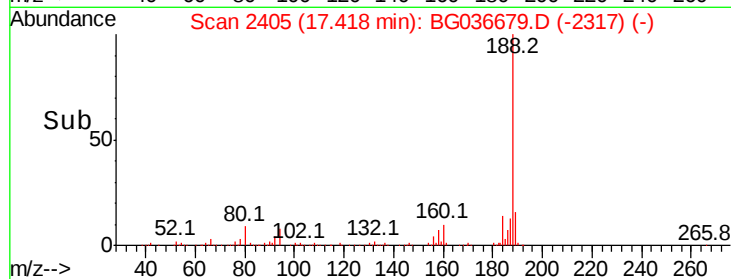
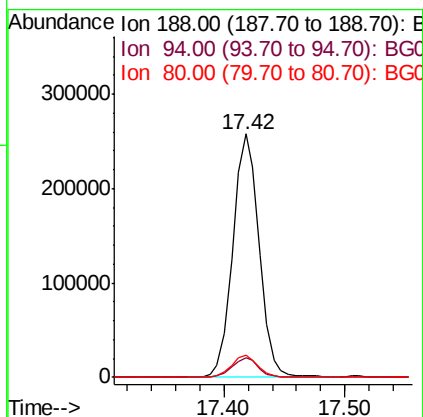
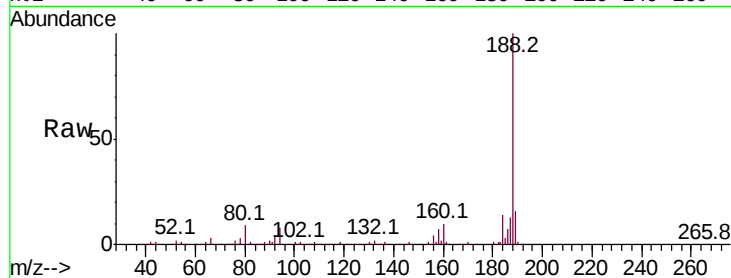




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

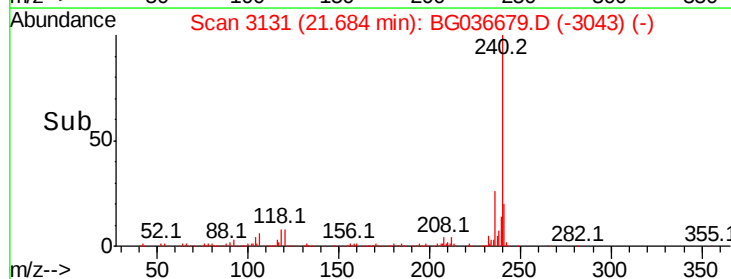
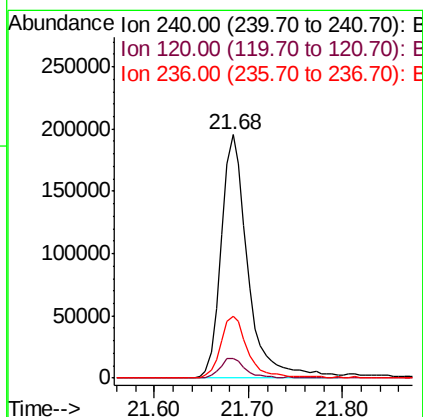
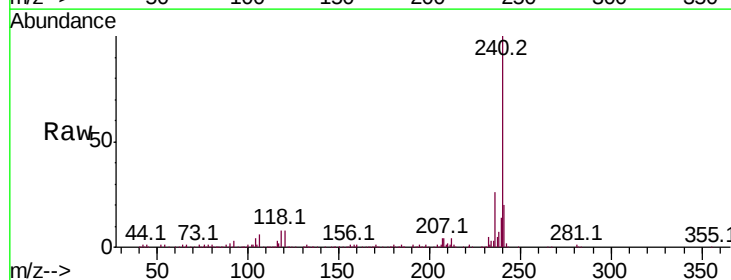
Instrument :
BNA_G
ClientSampleId :
CS-SOIL

Tot Ion:188 Resp: 391871
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036679.D
Acq: 12 Sep 2018 19:04

Tgt Ion:240 Resp: 387739
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.7 21.2 31.8



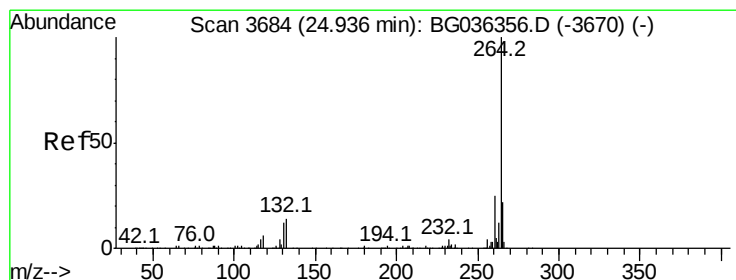
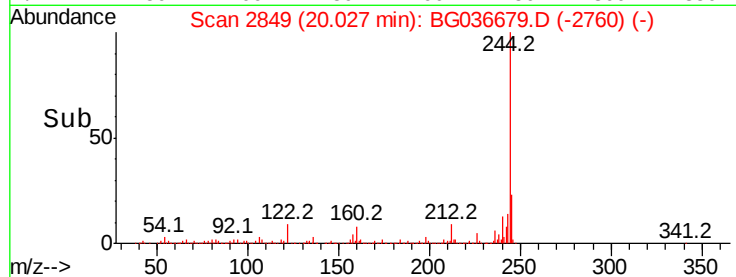
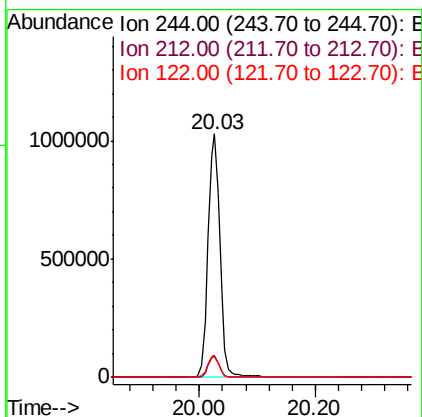
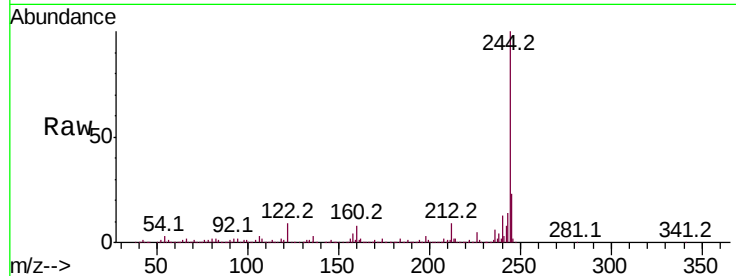


#78
 Terphenyl-d14
 Concen: 90.663 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Instrument :
 BNA_G
 ClientSampled :
 CS-SOIL

Tot Ion:244 Resp: 1503996

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036679.D
 Acq: 12 Sep 2018 19:04

Tgt Ion:264 Resp: 297371

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.6	29.4
265	20.9	17.4	26.0

