

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036675.D
 Acq On : 12 Sep 2018 16:28
 Operator : JU/SJ
 Sample : J4842-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOIL

Quant Time: Sep 12 18:14:03 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	58493	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	244650	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	159650	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414174	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	421701	20.00	ng	-0.01
86) Perylene-d12	24.89	264	345562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	376457	102.09	ng	0.00
7) Phenol-d6	7.21	99	476863	90.32	ng	-0.01
23) Nitrobenzene-d5	9.21	82	373871	82.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	207226	108.78	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	860584	76.97	ng	-0.01
78) Terphenyl-d14	20.03	244	1483412	82.22	ng	0.00

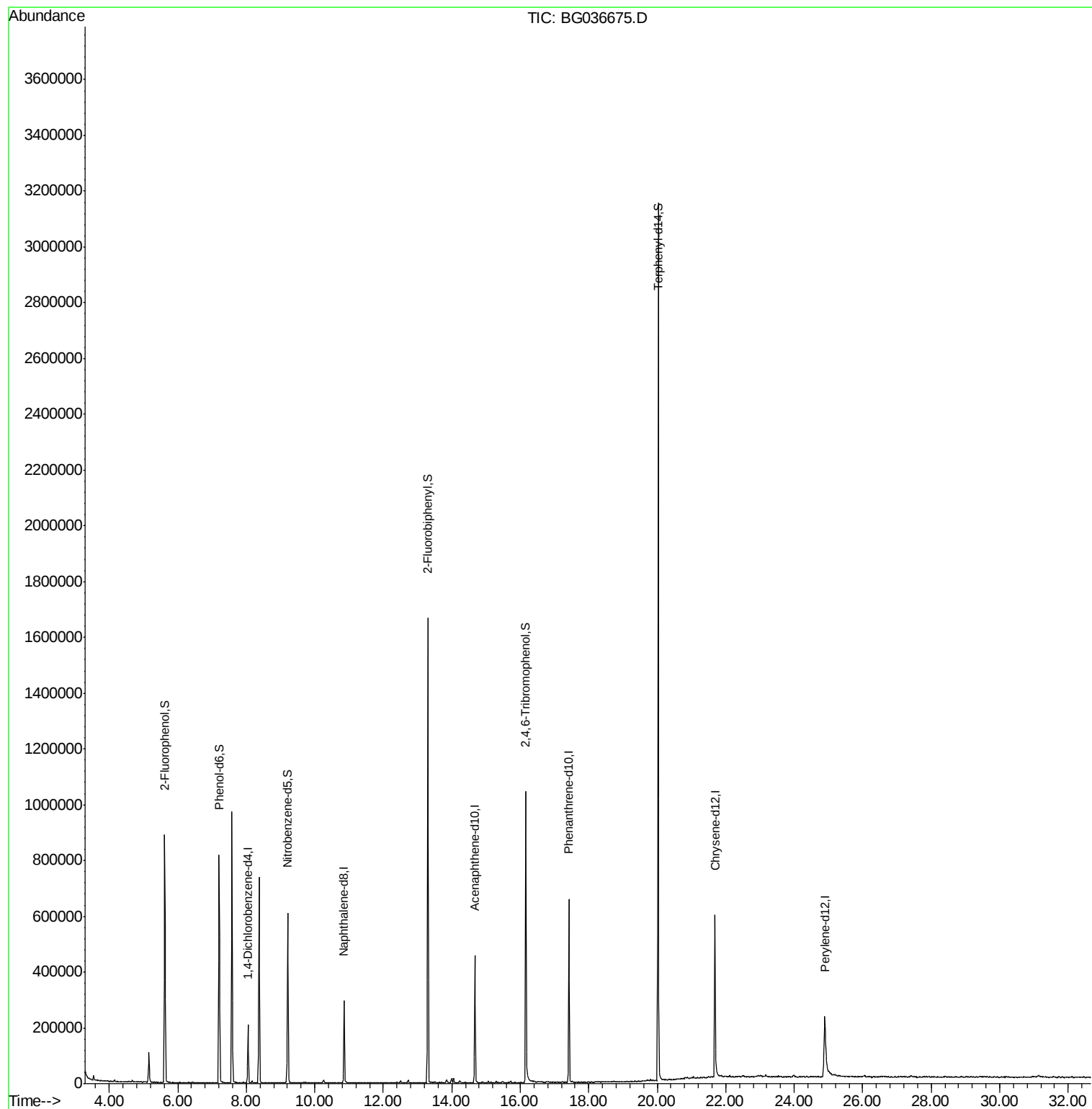
Target Compounds Qvalue

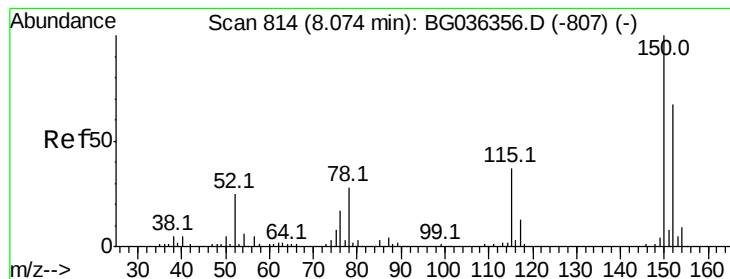
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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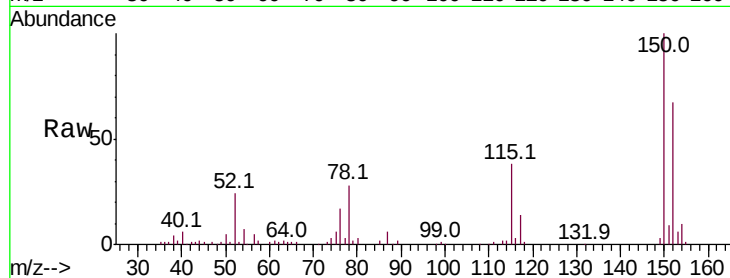


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Instrument :
BNA_G
ClientSampleId :
SG-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	56.8	44.5	66.7

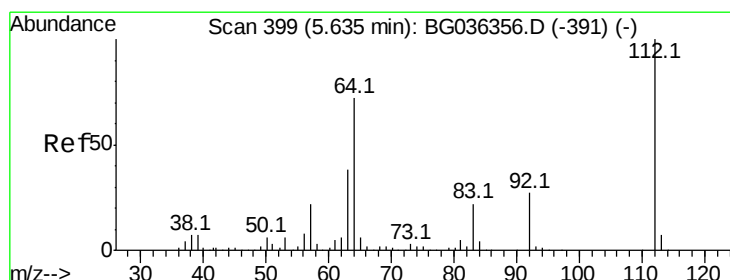
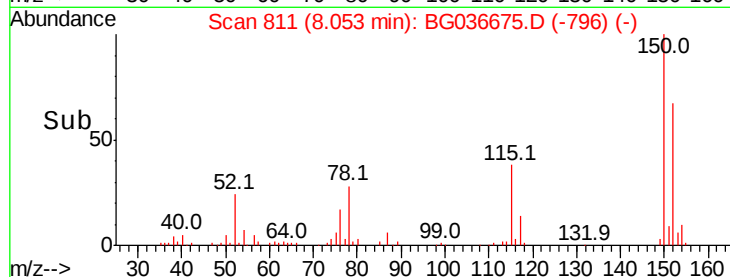
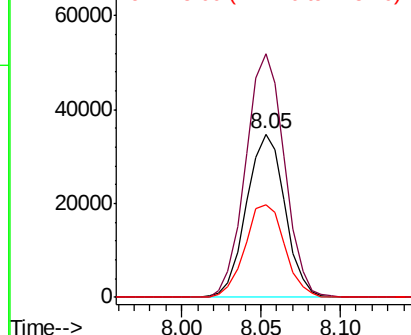


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

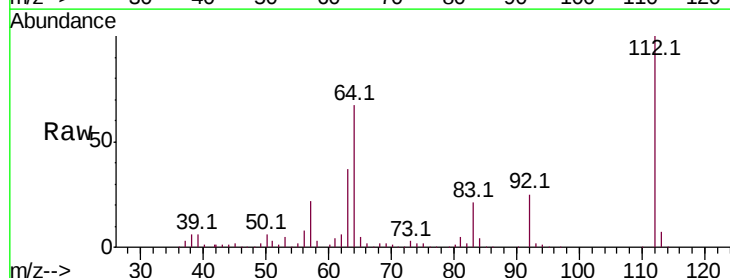
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.093 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	36.9	30.8	46.2

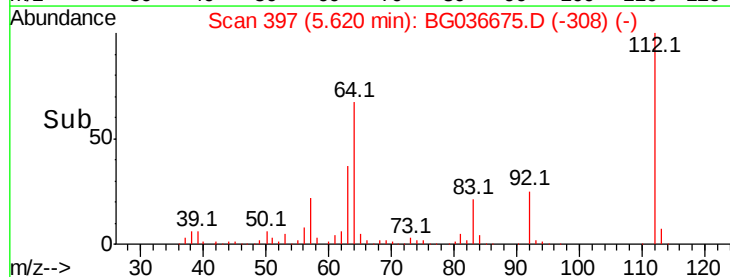
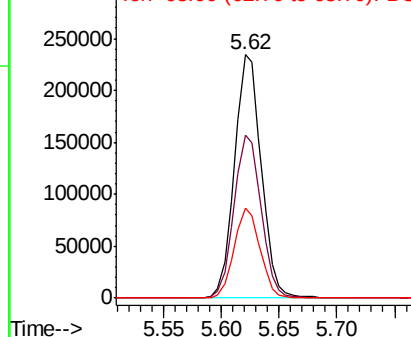


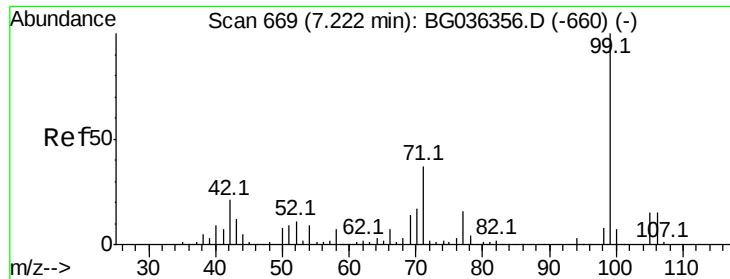
Abundance

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: 90.325 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Instrument :

BNA_G

ClientSampleId :

SG-SOIL

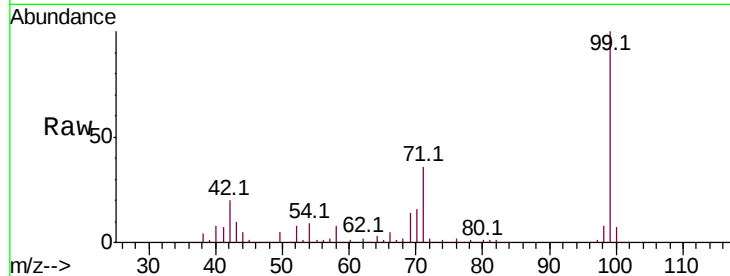
Tot Ion: 99 Resp: 476863

Ion Ratio Lower Upper

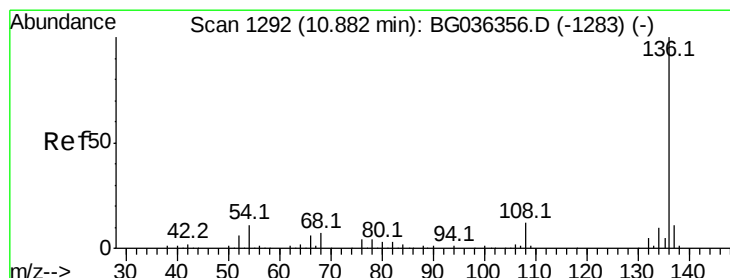
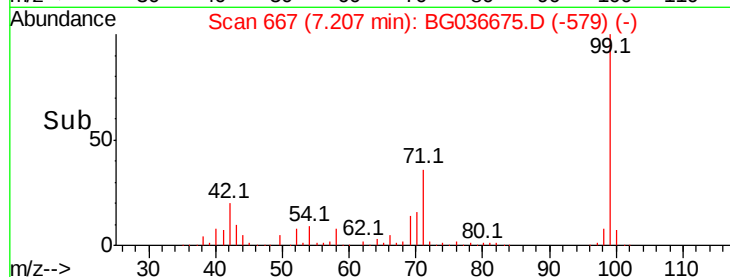
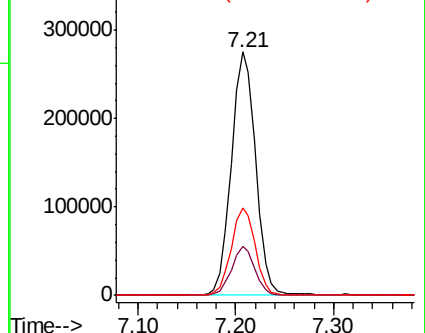
99 100

42 20.0 16.5 24.7

71 35.8 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: BG036675.D

Acq: 12 Sep 2018 16:28

Tgt Ion: 136 Resp: 244650

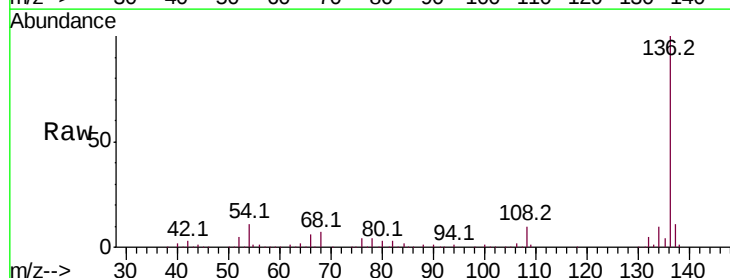
Ion Ratio Lower Upper

136 100

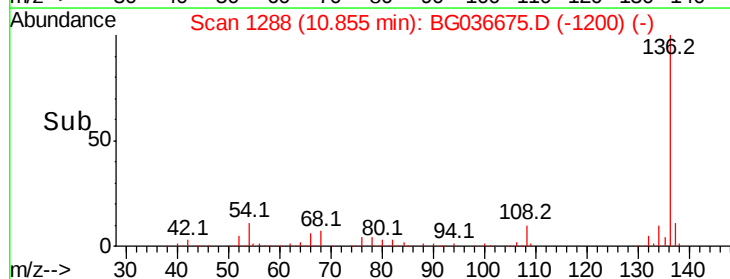
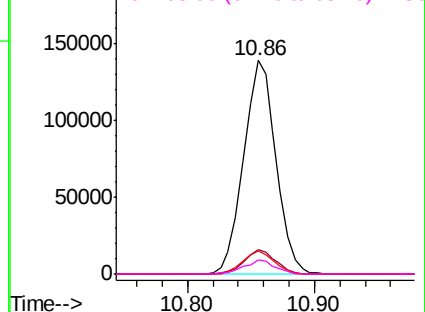
137 11.2 8.8 13.2

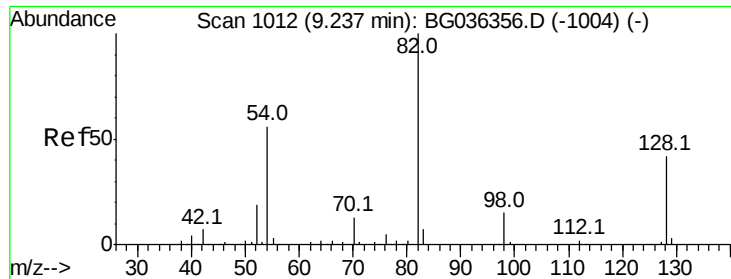
54 10.6 9.2 13.8

68 6.7 5.8 8.6



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

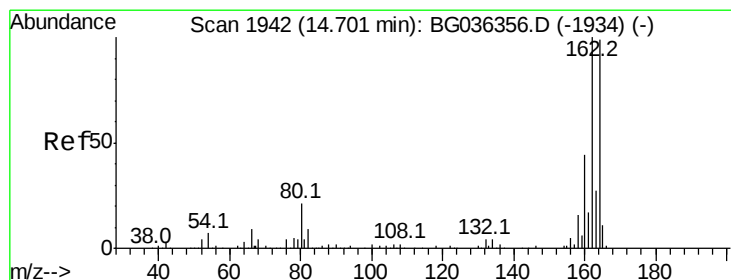
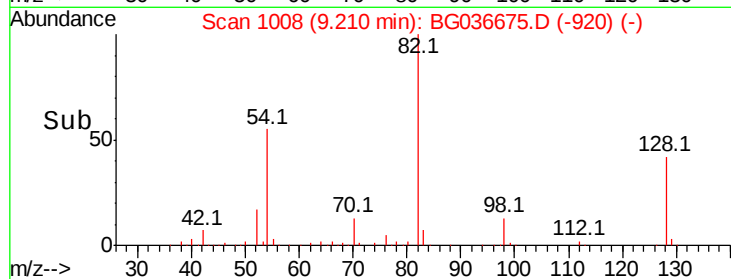
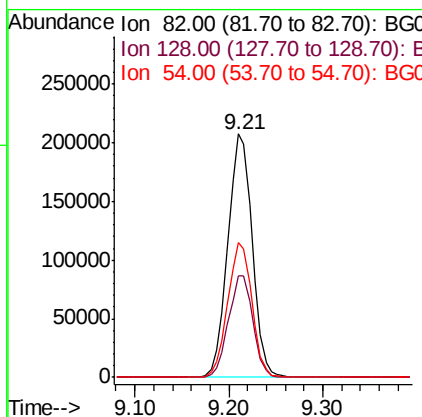
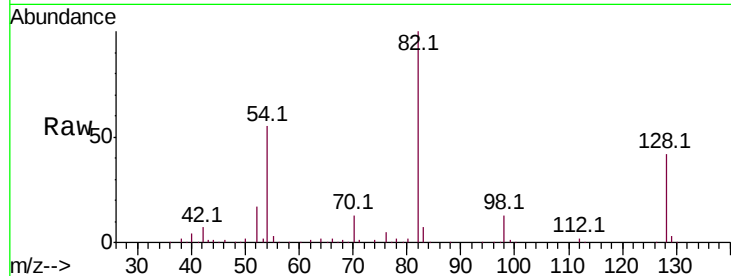




#23
 Nitrobenzene-d5
 Concen: 82.914 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

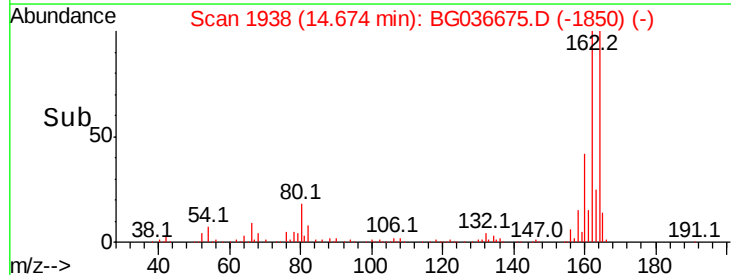
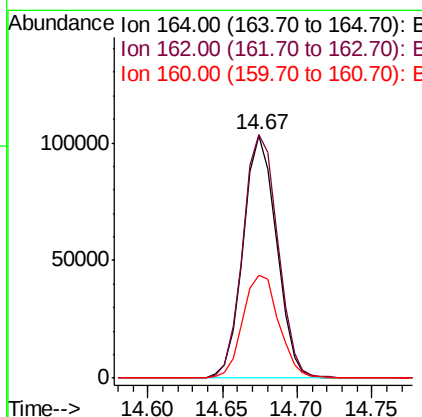
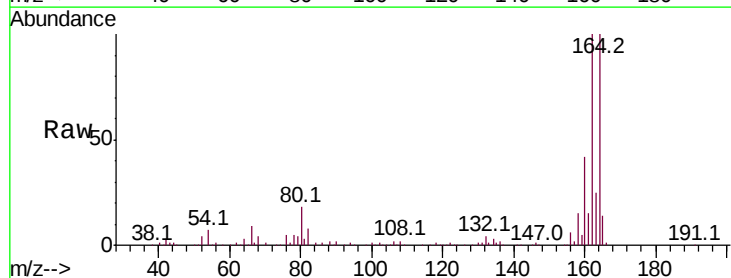
Instrument :
 BNA_G
 ClientSampled :
 SG-SOIL

Tot Ion: 82 Resp: 373871
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.3 49.9
 54 55.3 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: BG036675.D
 Acq: 12 Sep 2018 16:28

Tgt Ion:164 Resp: 159650
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 42.6 35.3 52.9

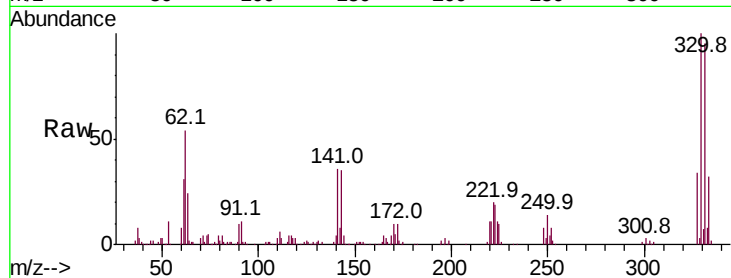




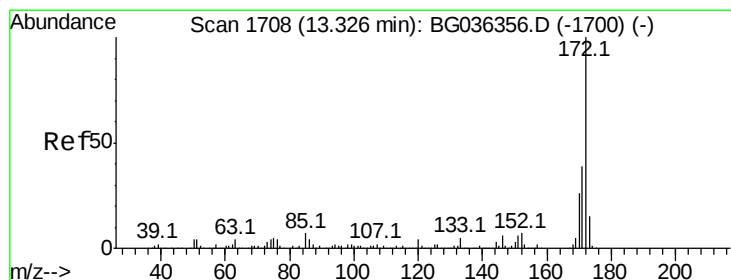
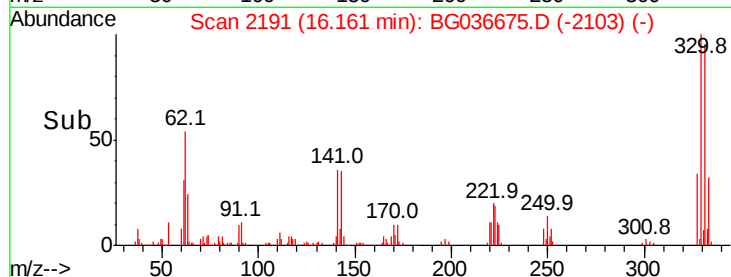
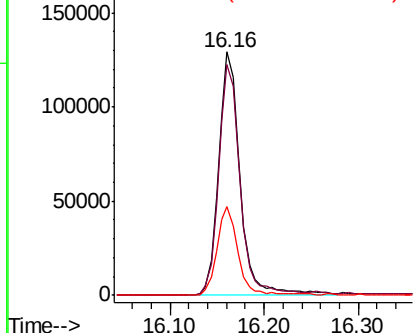
#41
 2,4,6-Tribromophenol
 Concen: 108.781 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.4	113.2
141	35.8	30.7	46.1

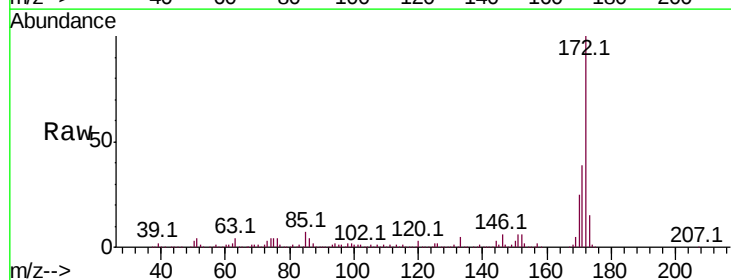


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

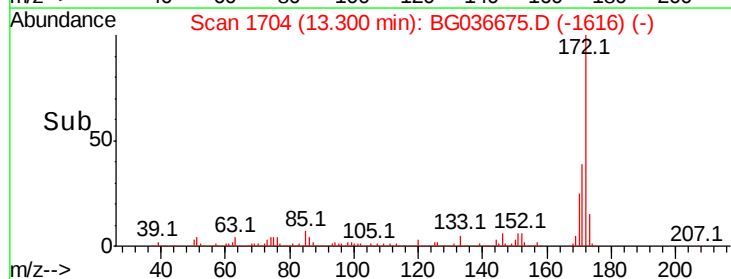
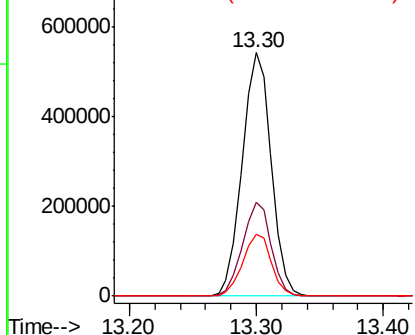


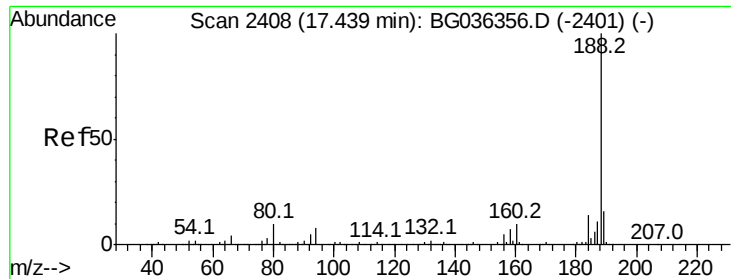
#44
 2-Fluorobiphenyl
 Concen: 76.966 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036675.D
 Acq: 12 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	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

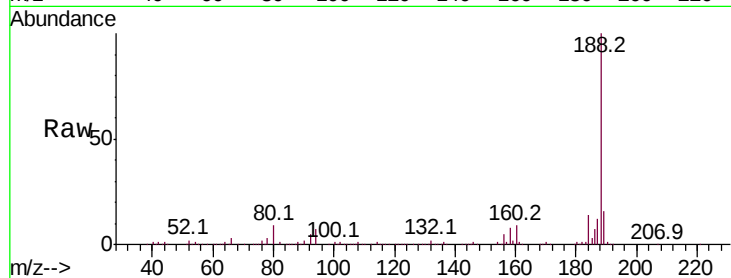




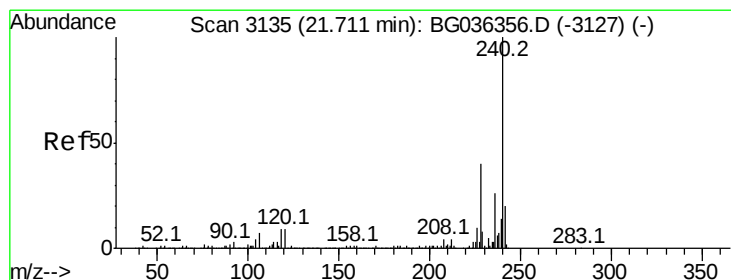
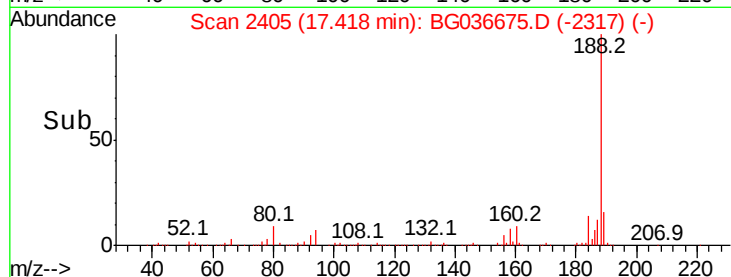
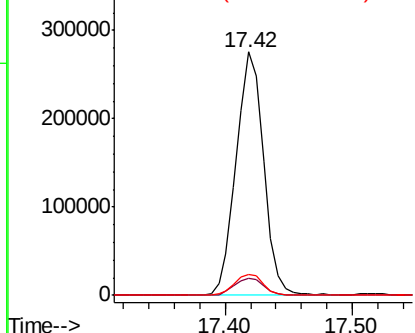
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Instrument :
BNA_G
ClientSampleId :
SG-SOIL

Tot Ion:188 Resp: 414174
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.8 8.1 12.1

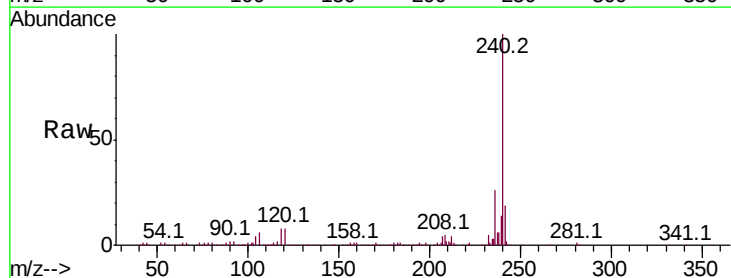


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

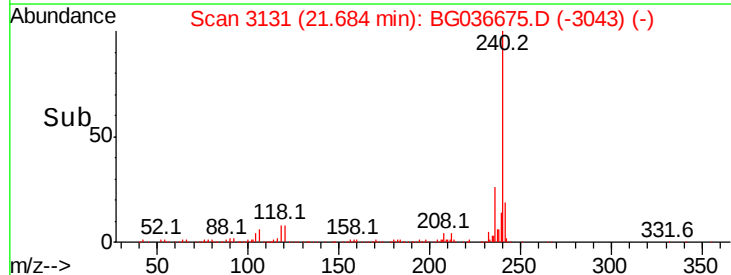
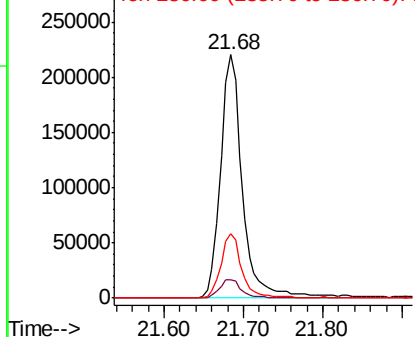


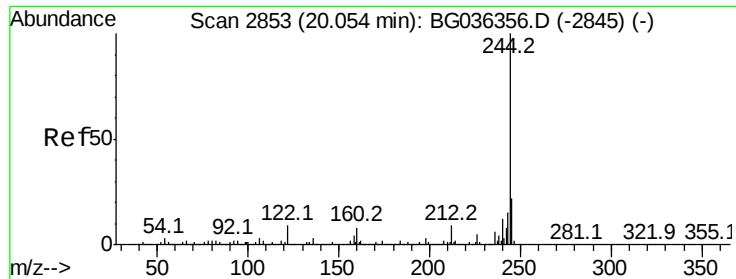
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036675.D
Acq: 12 Sep 2018 16:28

Tgt Ion:240 Resp: 421701
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.5 21.2 31.8



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





#78

Terphenyl-d14

Concen: 82.220 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Instrument :

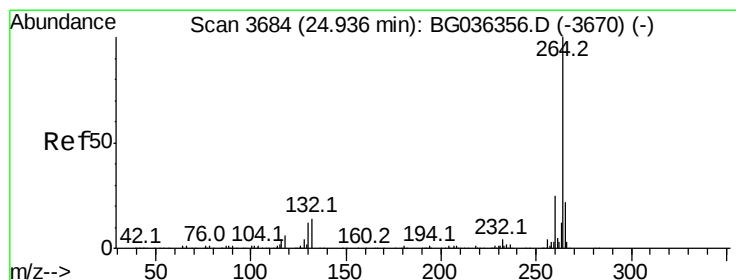
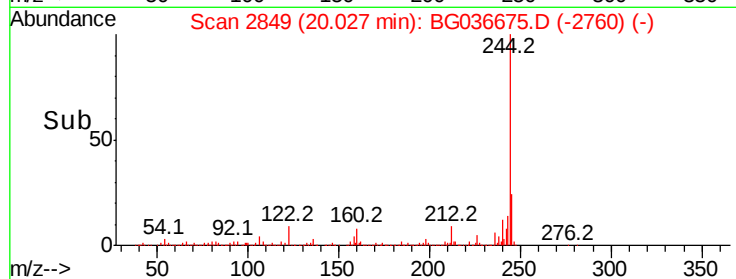
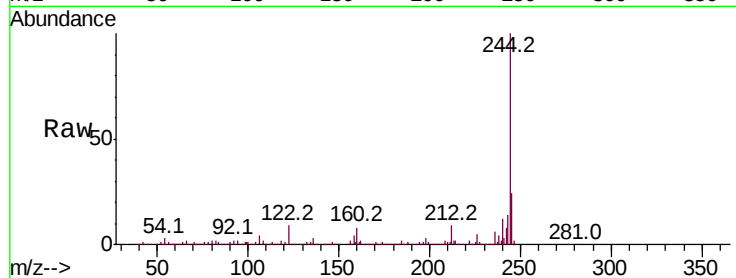
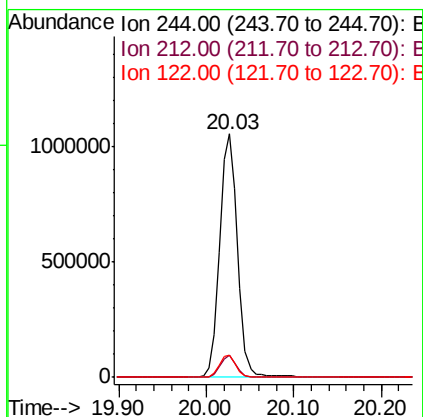
BNA_G

ClientSampled :

SG-SOIL

Tot Ion:244 Resp: 1483412

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.3	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036675.D

Acq: 12 Sep 2018 16:28

Tgt Ion:264 Resp: 345562

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	17.4	26.0

