

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036010.D
 Acq On : 31 Jul 2018 20:44
 Operator : JU/SJ
 Sample : J4217-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Quant Time: Aug 01 01:36:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35370	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126511	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	88963	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267101	20.00	ng	0.00
75) Chrysene-d12	21.65	240	302999	20.00	ng	0.00
86) Perylene-d12	24.85	264	283502	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	295194	138.56	ng	0.00
7) Phenol-d6	7.19	99	376394	118.42	ng	0.00
23) Nitrobenzene-d5	9.19	82	308851	101.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	217533	185.52	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	680245	102.44	ng	0.00
78) Terphenyl-d14	20.00	244	1479450	107.63	ng	0.00

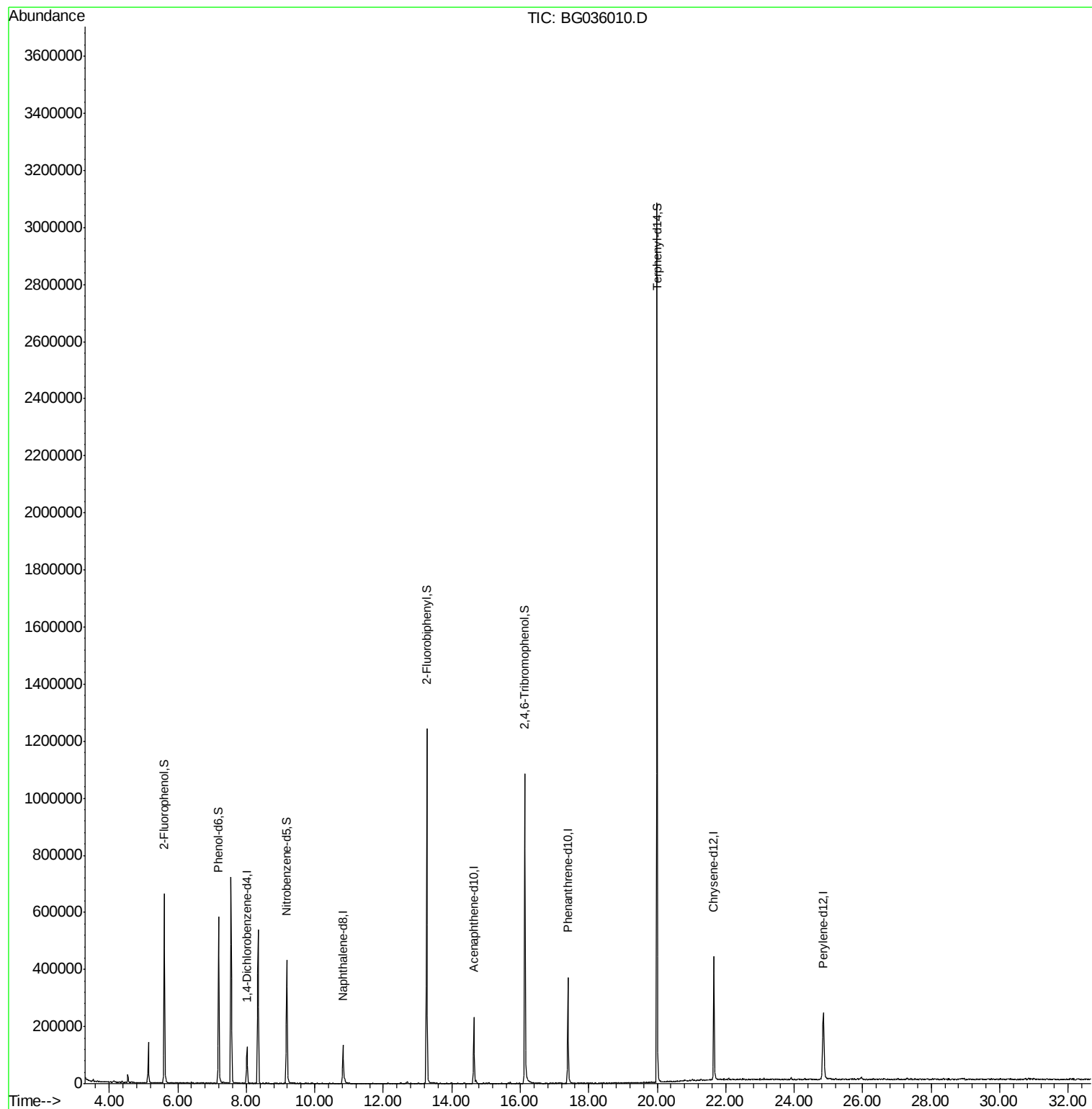
Target Compounds Qvalue

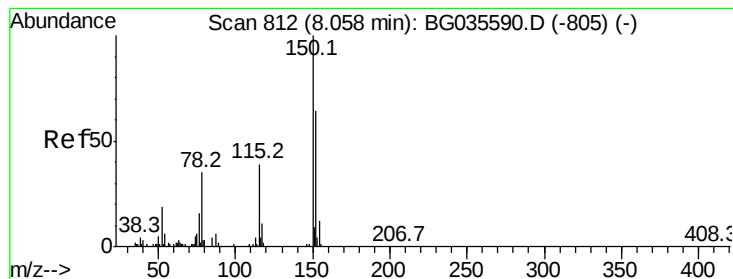
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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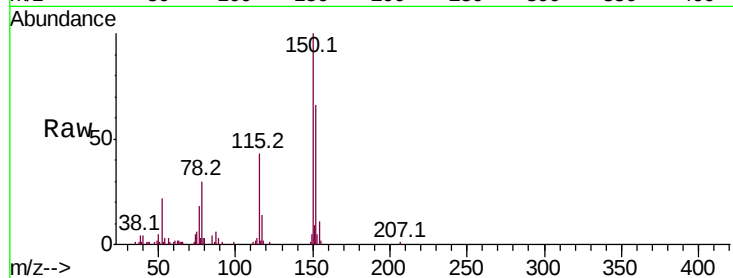


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036010.D
Acq: 31 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
SOIL-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	64.4	53.0	79.4

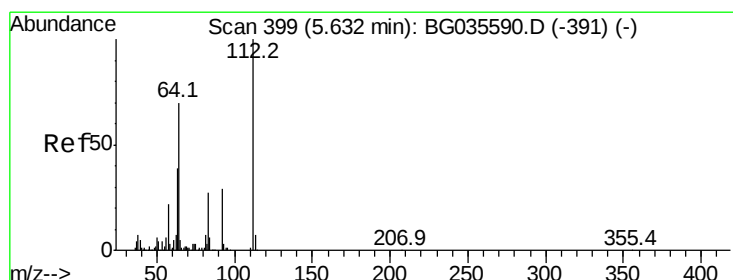
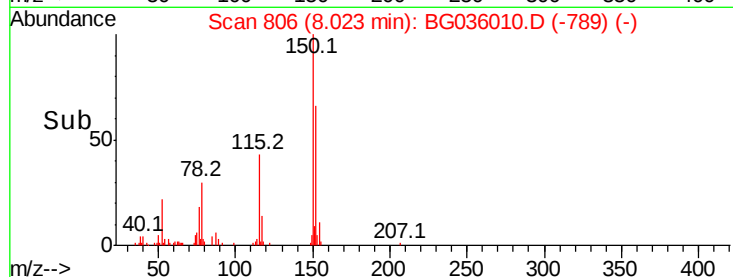
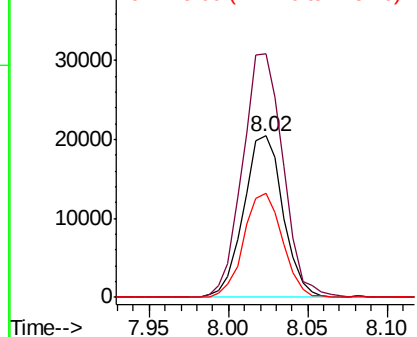


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

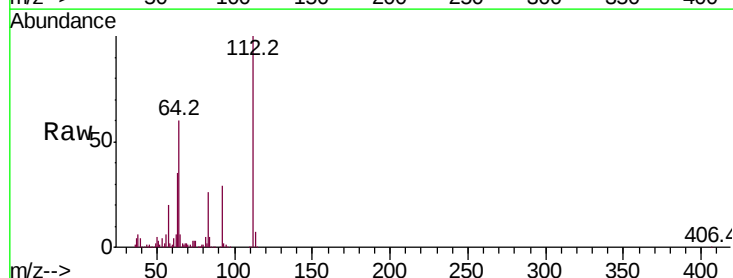
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.561 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036010.D
Acq: 31 Jul 2018 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	35.2	30.1	45.1

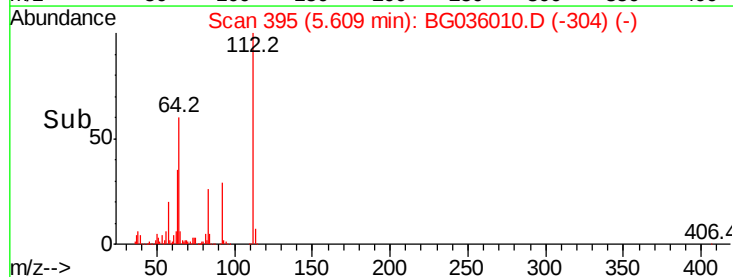
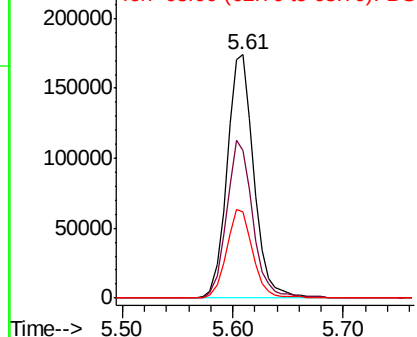


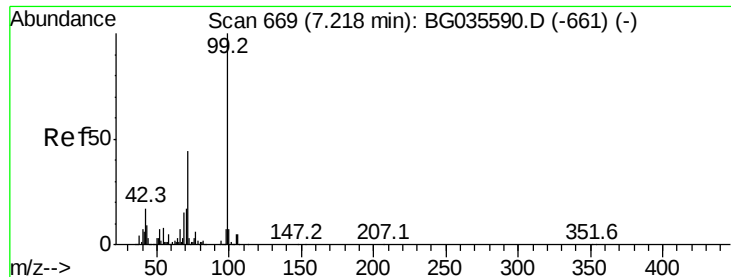
Abundance

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: 118.416 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036010.D

Acq: 31 Jul 2018 20:44

Instrument :

BNA_G

ClientSampled :

SOIL-2

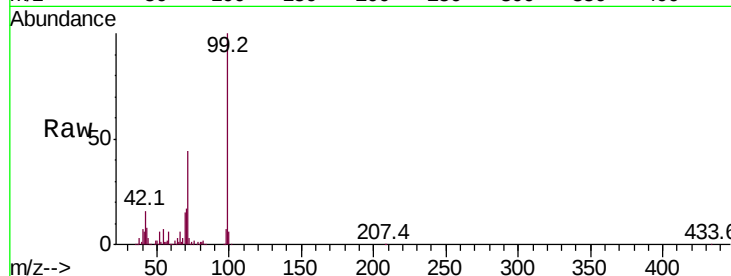
Tot Ion: 99 Resp: 376394

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

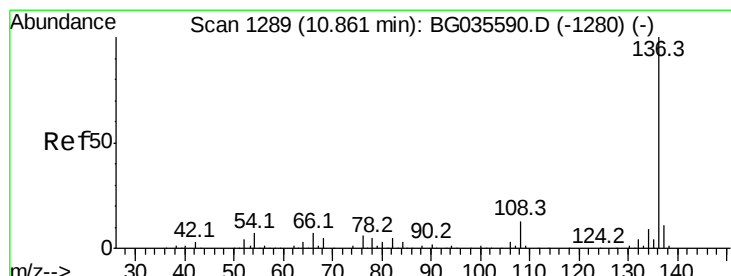
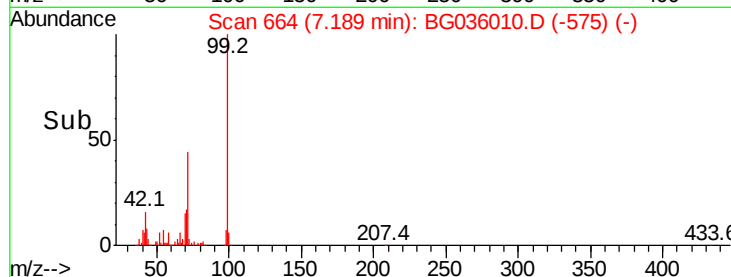
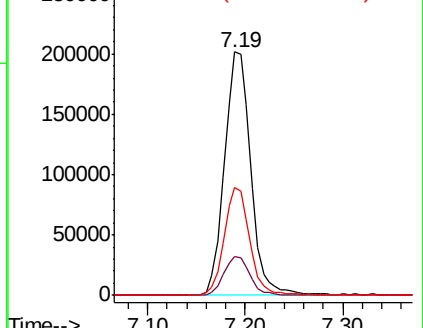
71 44.2 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036010.D

Acq: 31 Jul 2018 20:44

Tgt Ion: 136 Resp: 126511

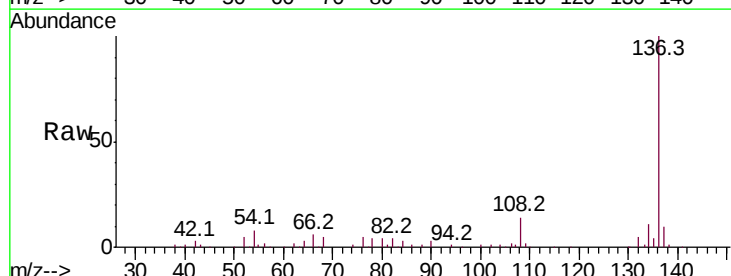
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 8.2 10.3 15.5#

68 4.6 4.5 6.7

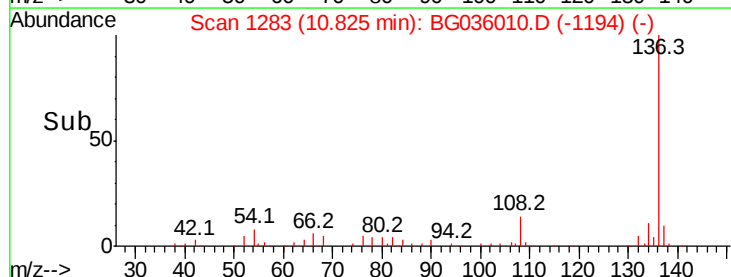
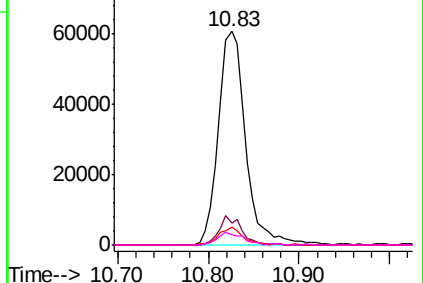


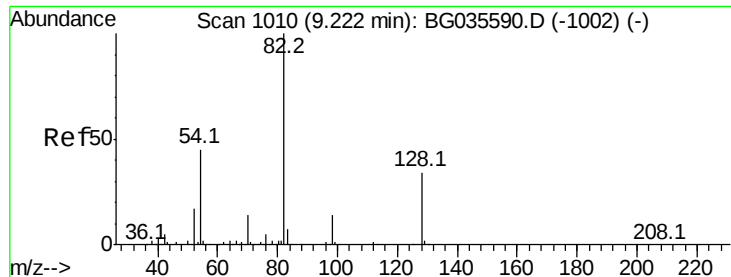
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

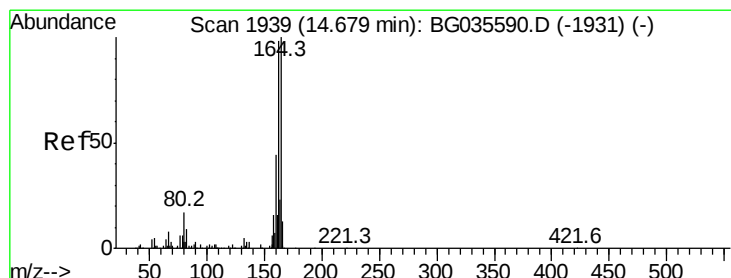
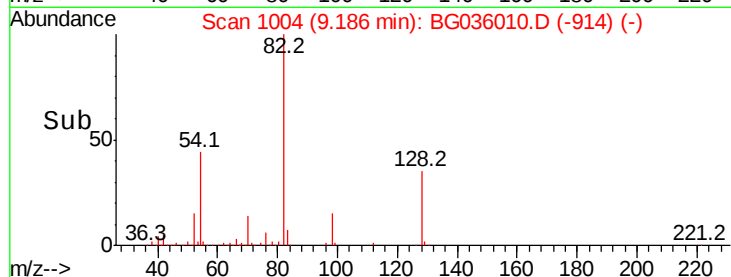
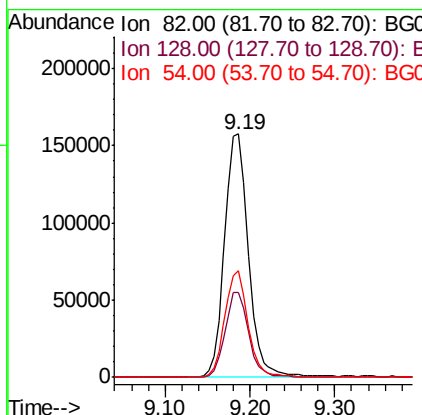
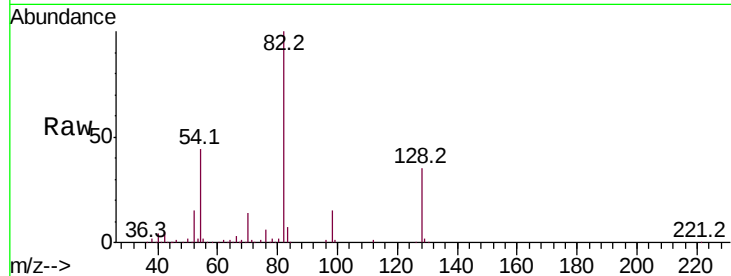




#23
 Nitrobenzene-d5
 Concen: 101.985 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036010.D
 Acq: 31 Jul 2018 20:44

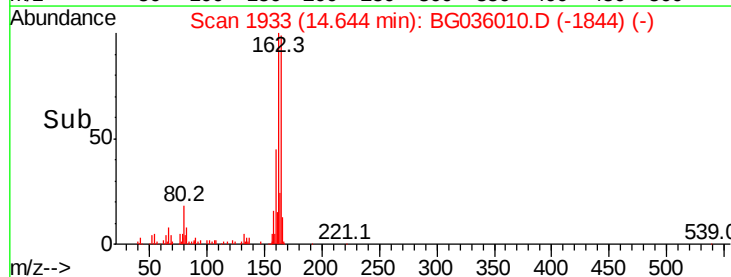
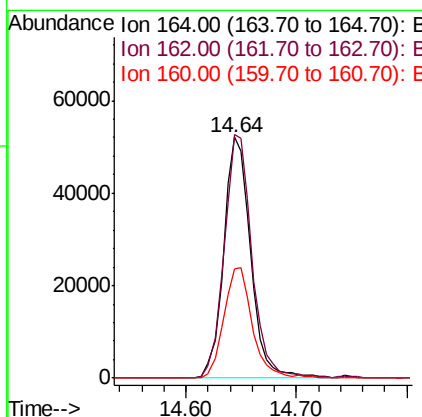
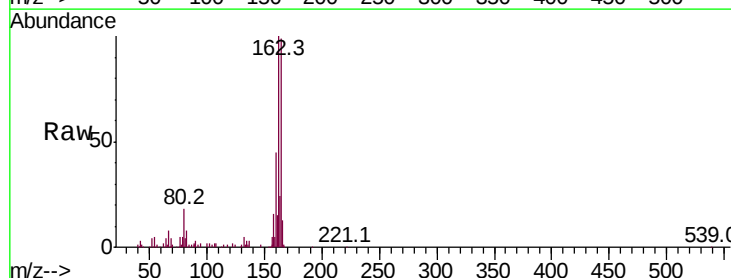
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tot Ion: 82 Resp: 308851
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 43.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036010.D
 Acq: 31 Jul 2018 20:44

Tgt Ion:164 Resp: 88963
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 45.5 35.4 53.0

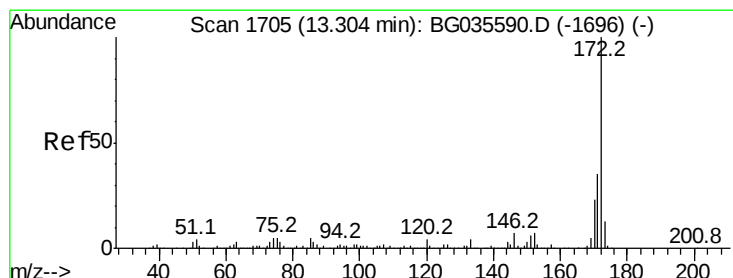
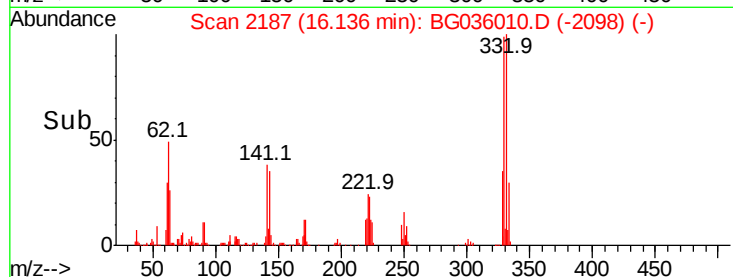
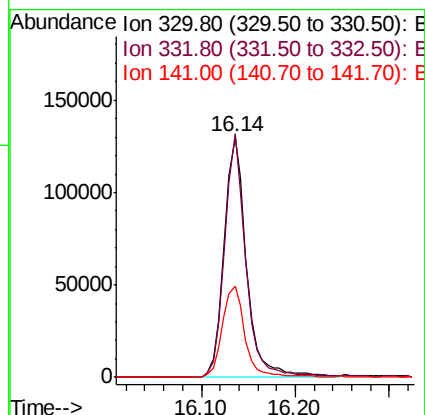
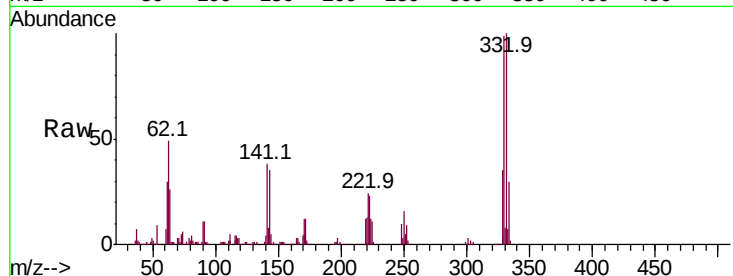




#41
 2,4,6-Tribromophenol
 Concen: 185.515 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036010.D
 Acq: 31 Jul 2018 20:44

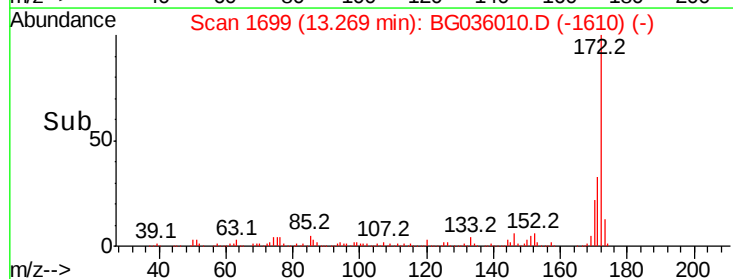
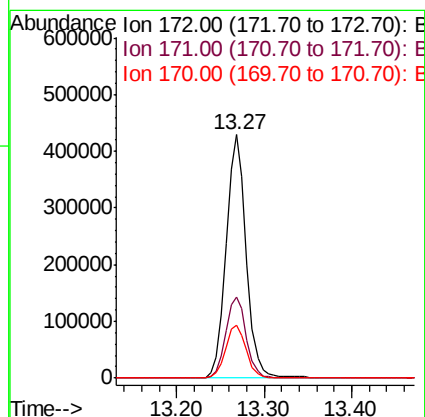
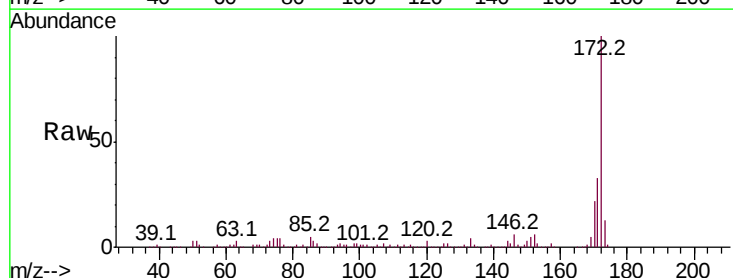
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.442 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036010.D
 Acq: 31 Jul 2018 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	21.9	19.5	29.3

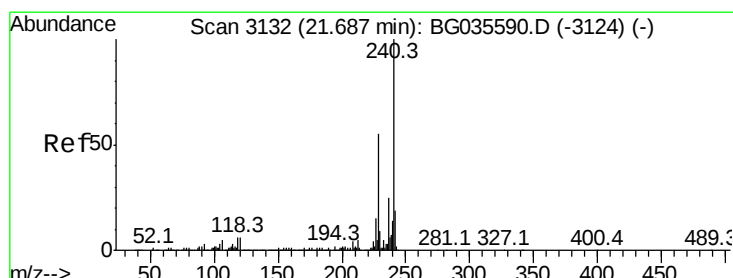
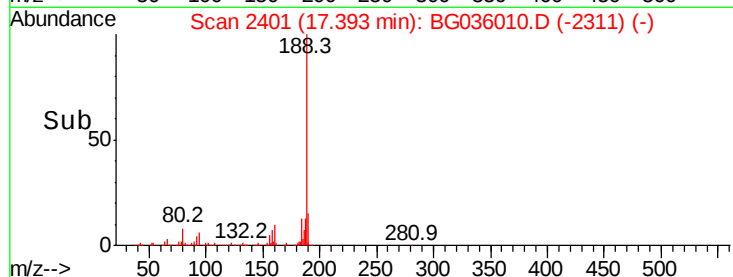
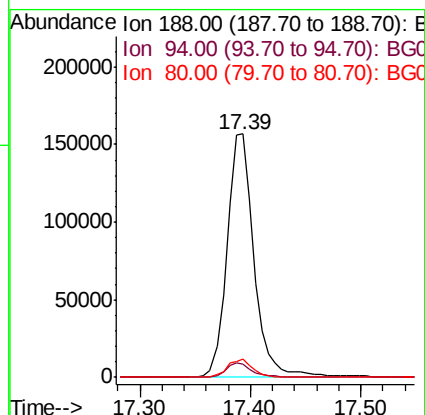
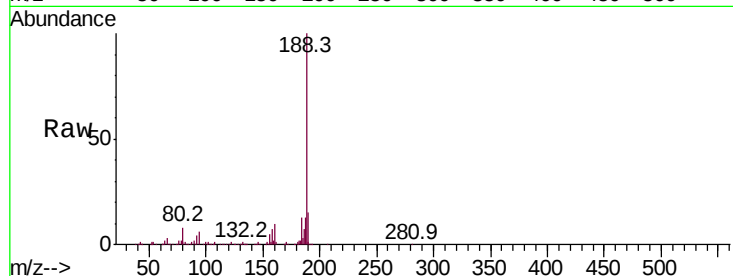




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036010.D
Acq: 31 Jul 2018 20:44

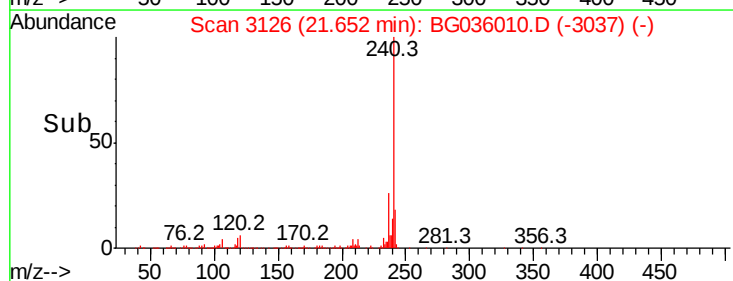
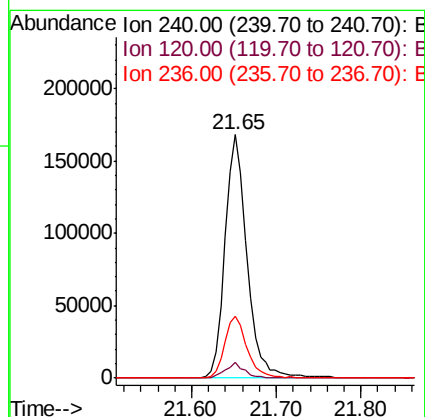
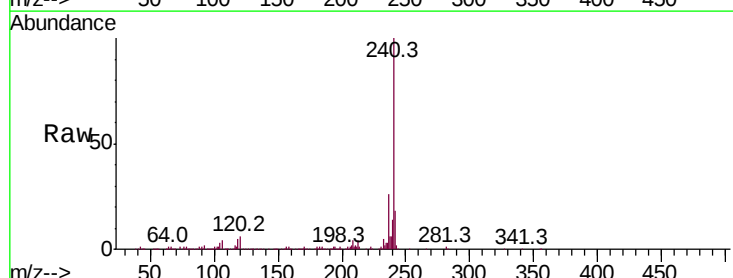
Instrument :
BNA_G
ClientSampleId :
SOIL-2

Tot Ion:188 Resp: 267101
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036010.D
Acq: 31 Jul 2018 20:44

Tgt Ion:240 Resp: 302999
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 107.629 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036010.D

Acq: 31 Jul 2018 20:44

Instrument :

BNA_G

ClientSampled :

SOIL-2

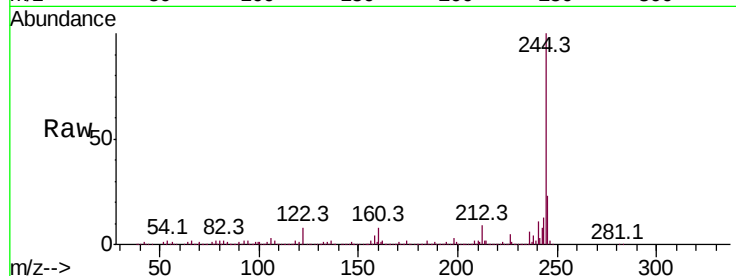
Tot Ion:244 Resp: 1479450

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

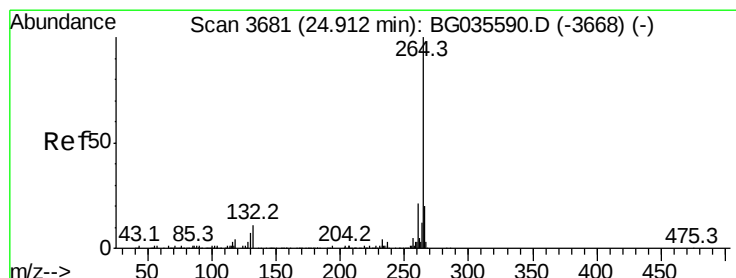
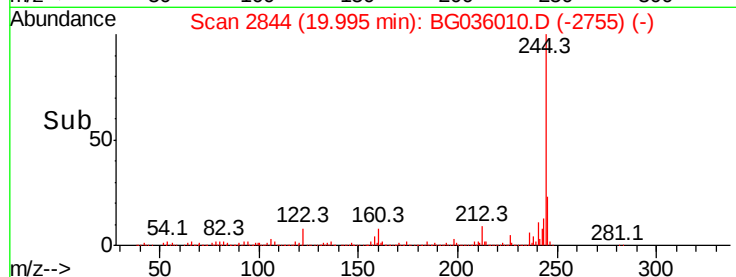
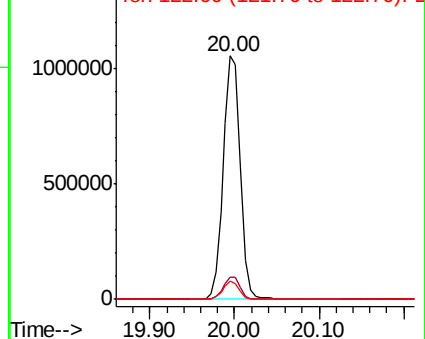
122 7.6 7.0 10.4



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036010.D

Acq: 31 Jul 2018 20:44

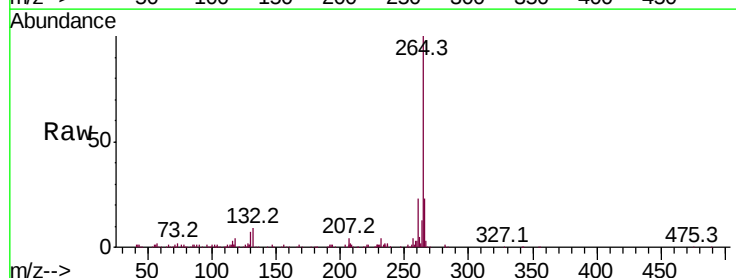
Tgt Ion:264 Resp: 283502

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.8 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

