

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036156.D
 Acq On : 7 Aug 2018 10:30
 Operator : JU/SJ
 Sample : J4333-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-5

Quant Time: Aug 07 11:56:28 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	28621	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	100742	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	68759	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	217282	20.00	ng	0.00
75) Chrysene-d12	21.64	240	247245	20.00	ng	0.00
86) Perylene-d12	24.82	264	230858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236354	137.10	ng	0.00
7) Phenol-d6	7.18	99	300253	116.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	246632	102.27	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	193671	213.70	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	567024	110.48	ng	0.00
78) Terphenyl-d14	19.99	244	1351376	120.48	ng	0.00

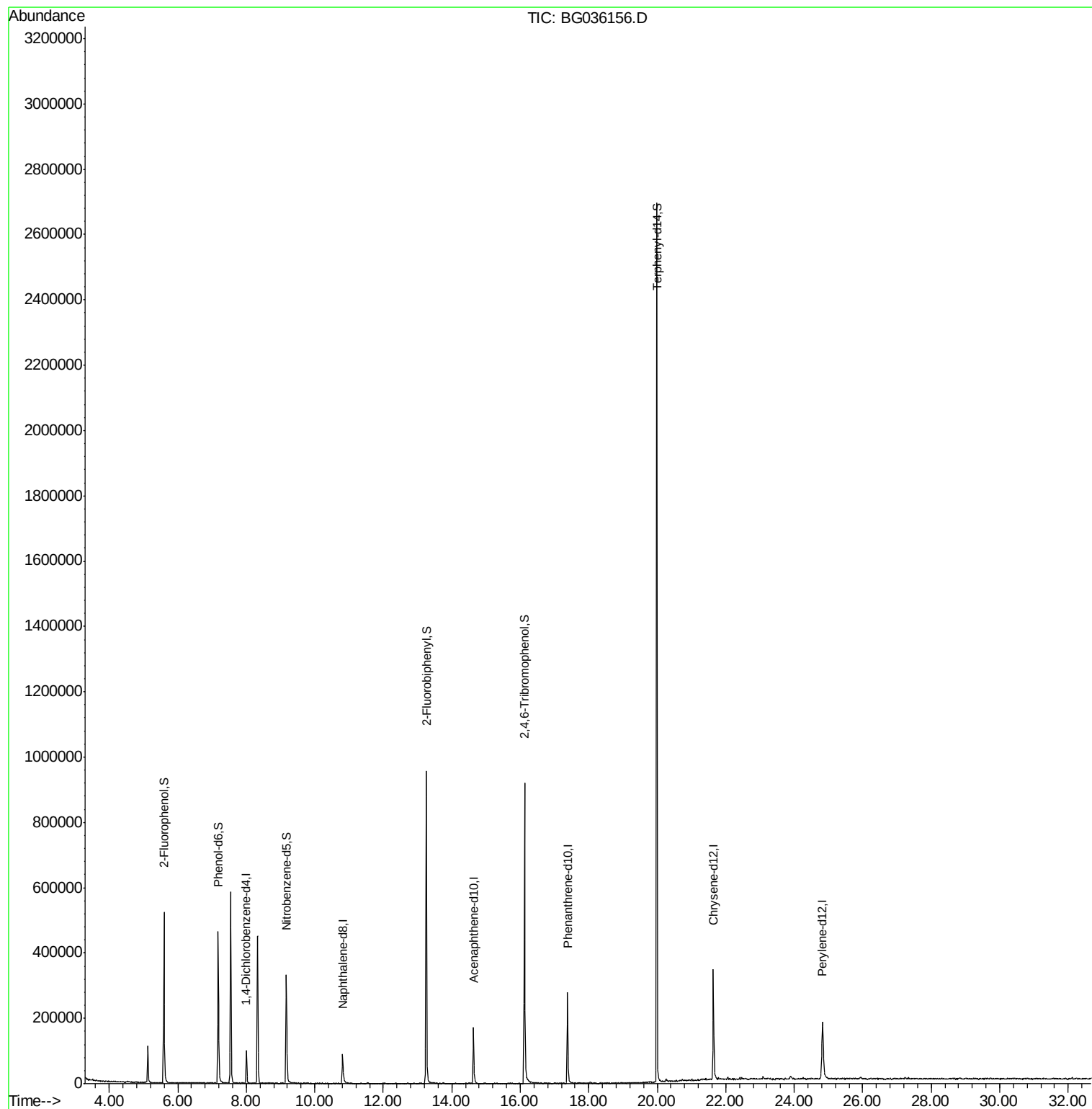
Target Compounds Qvalue

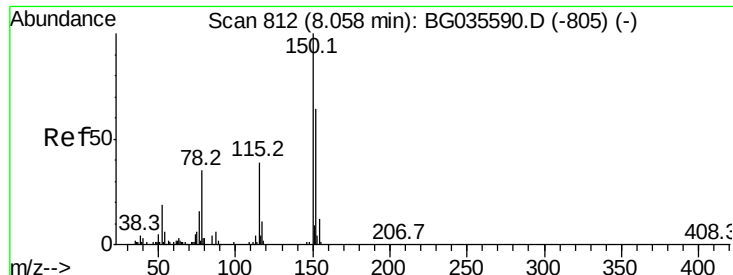
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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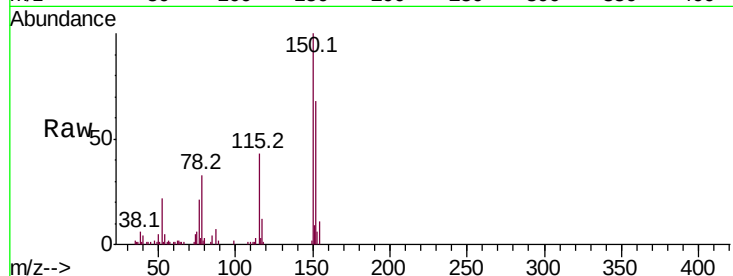


#1

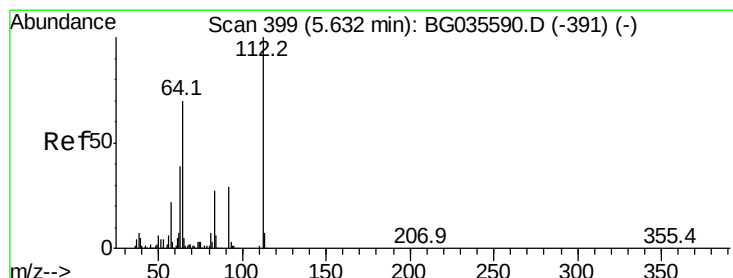
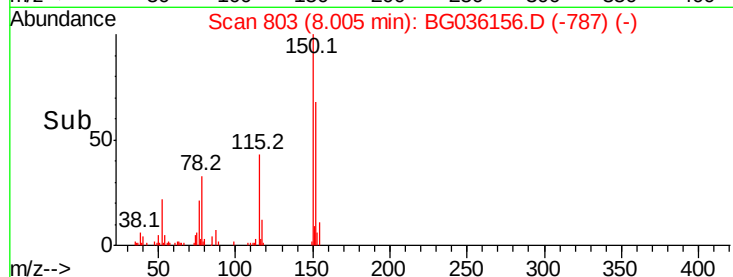
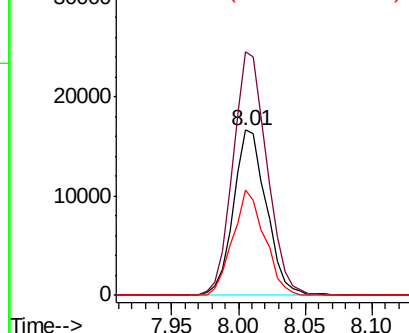
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

Instrument :
BNA_G
ClientSampleId :
SOIL-5

Tot Ion:152 Resp: 28621
Ion Ratio Lower Upper
152 100
150 147.5 126.6 189.8
115 63.4 53.0 79.4



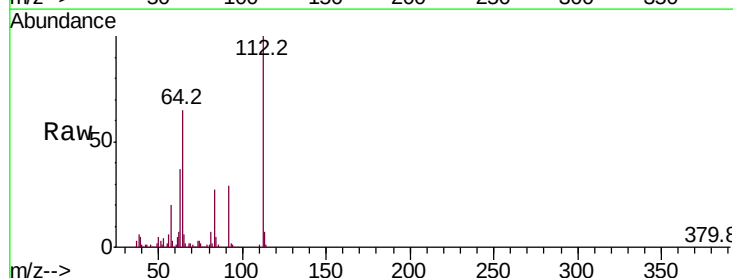
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



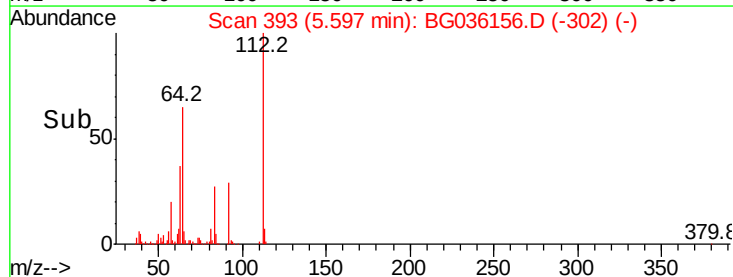
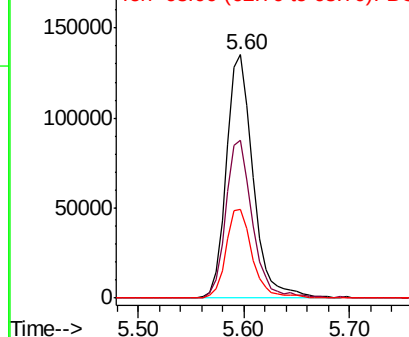
#5

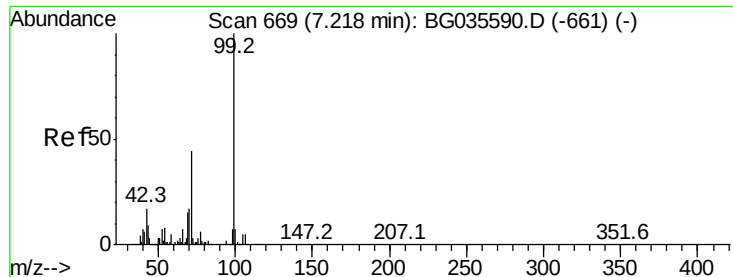
2-Fluorophenol
Concen: 137.103 ng
RT: 5.60 min Scan# 393
Delta R.T. 0.01 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

Tgt Ion:112 Resp: 236354
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 36.7 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: 116.737 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036156.D

Acq: 7 Aug 2018 10:30

Instrument :

BNA_G

ClientSampleId :

SOIL-5

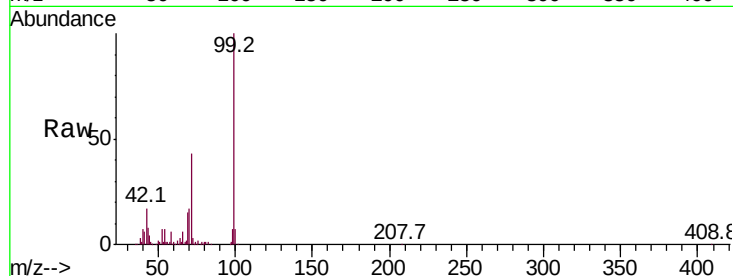
Tot Ion: 99 Resp: 300253

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

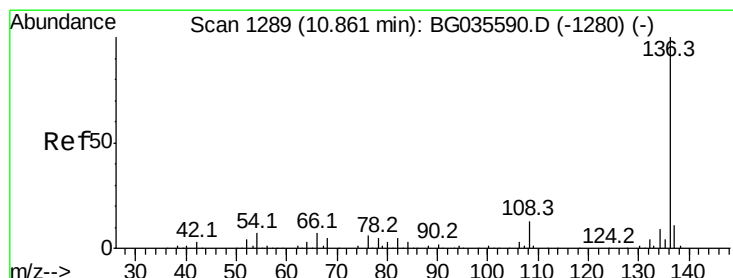
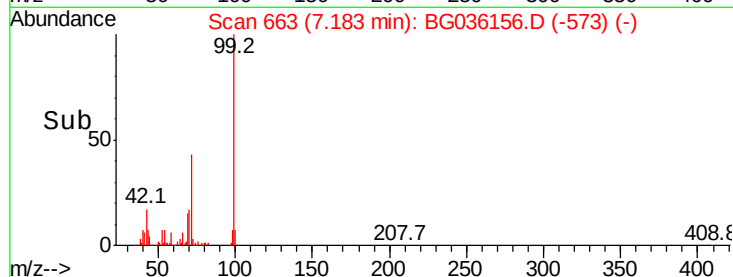
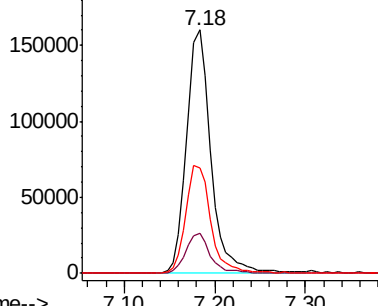
71 43.4 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BG036156.D

Acq: 7 Aug 2018 10:30

Tgt Ion: 136 Resp: 100742

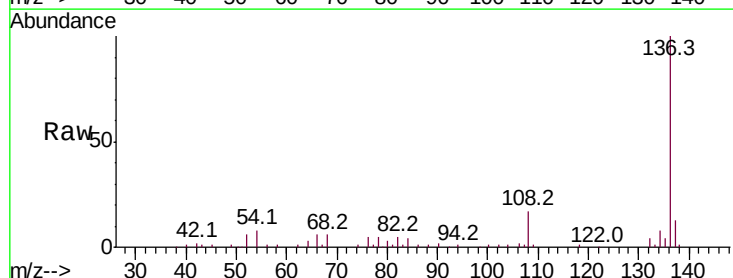
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 7.8 10.3 15.5#

68 6.2 4.5 6.7

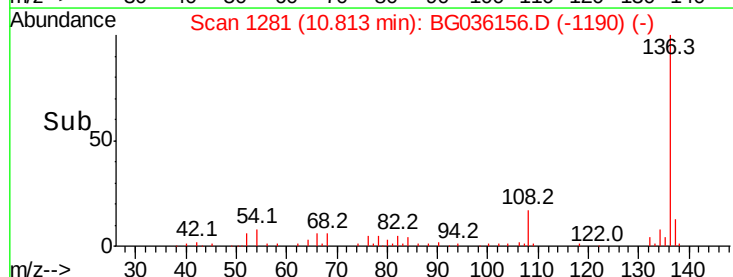
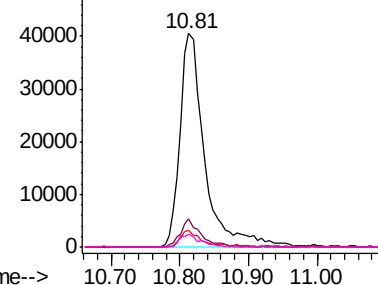


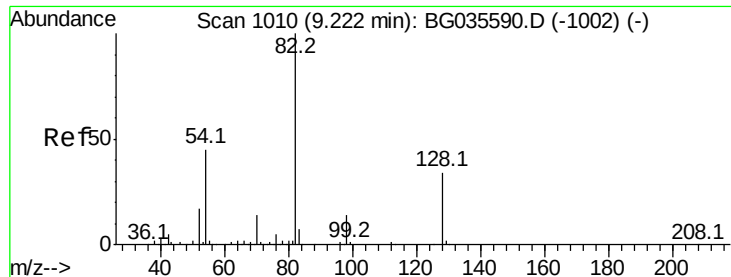
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

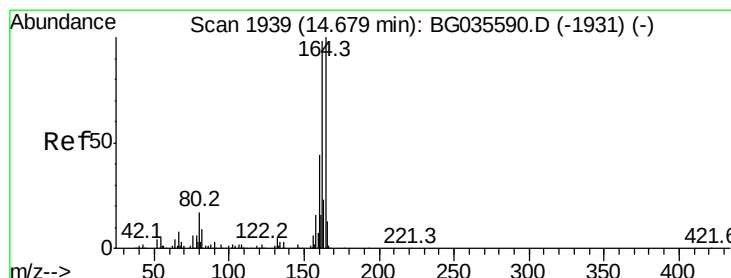
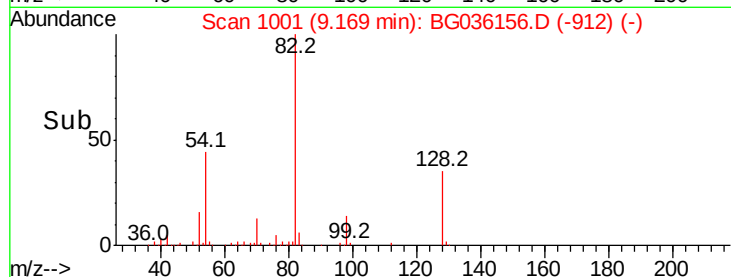
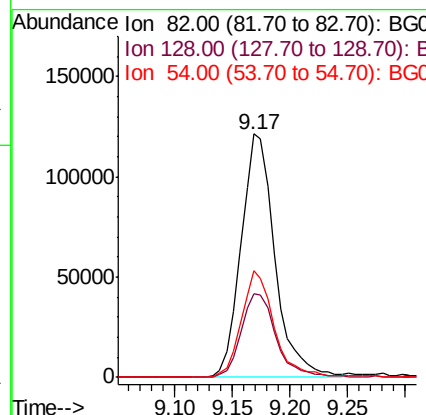
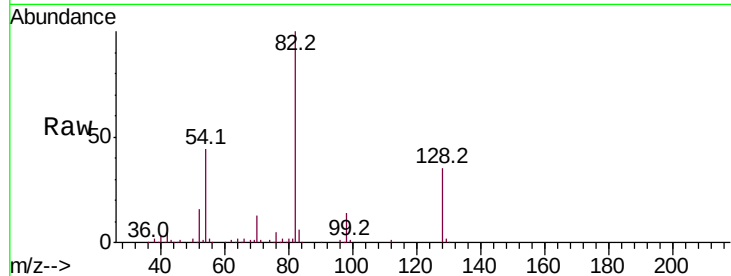




#23
Nitrobenzene-d5
Concen: 102.271 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

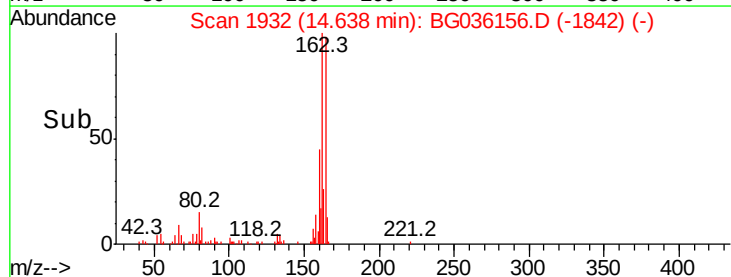
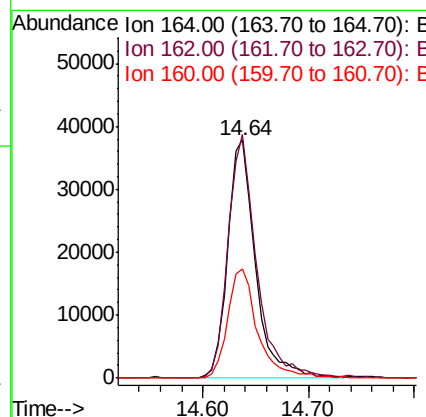
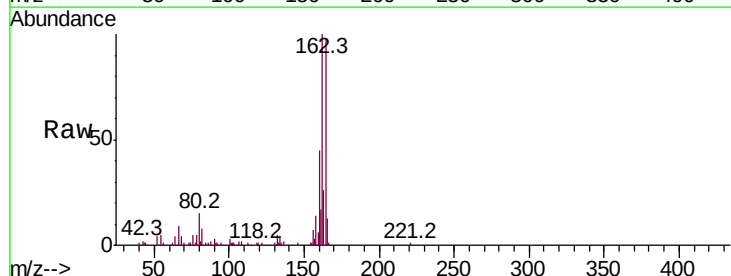
Instrument :
BNA_G
ClientSampleId :
SOIL-5

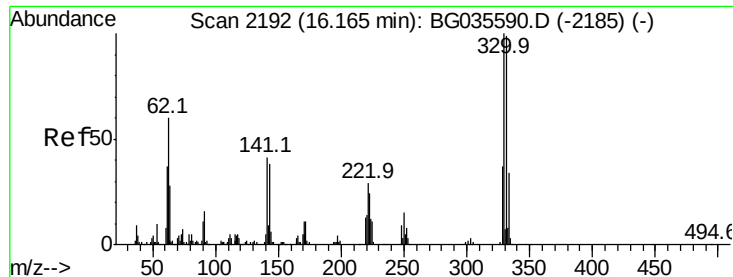
Tot Ion	82	Resp	246632
Ion Ratio	100	Lower	Upper
128	34.6	29.7	44.5
54	43.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

Tgt Ion	164	Resp	68759
Ion Ratio	100	Lower	Upper
162	102.1	78.8	118.2
160	46.0	35.4	53.0

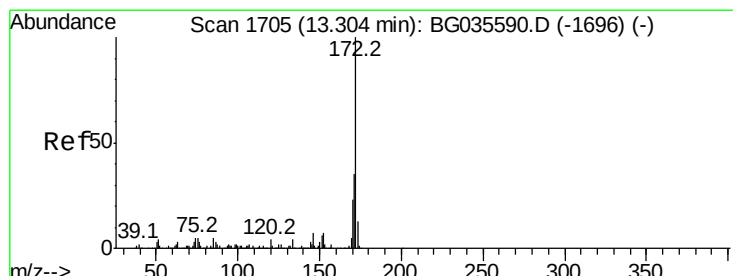
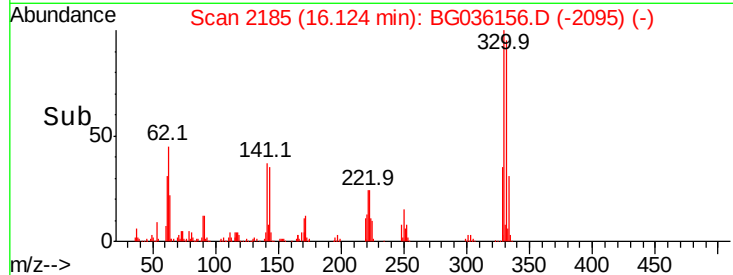
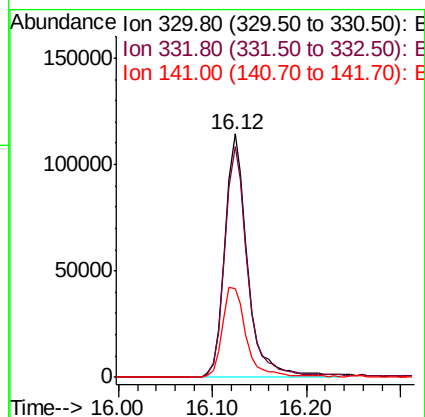
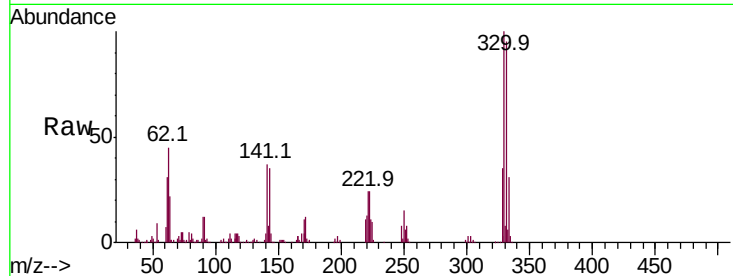




#41
 2,4,6-Tribromophenol
 Concen: 213.697 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG036156.D
 Acq: 7 Aug 2018 10:30

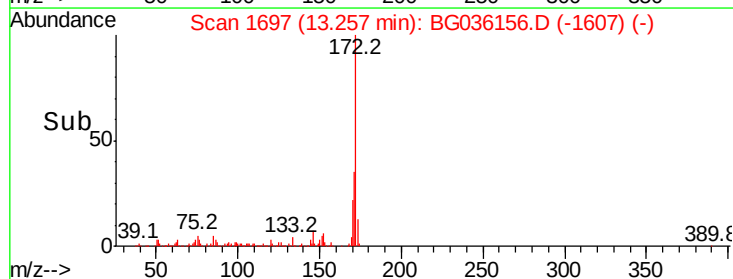
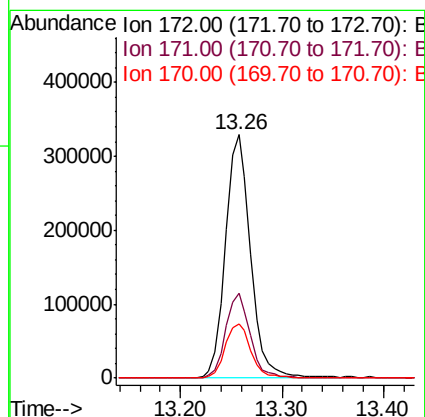
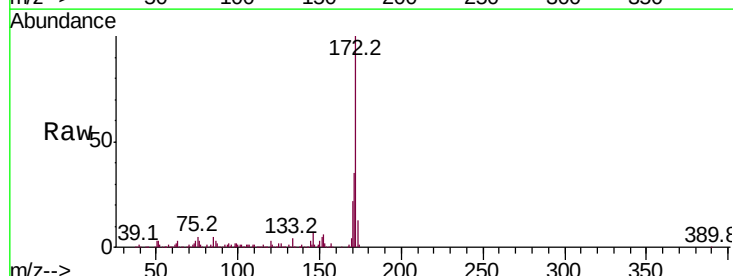
Instrument :
 BNA_G
 ClientSampled :
 SOIL-5

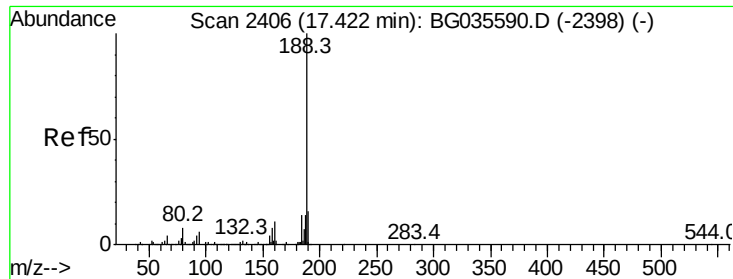
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.5	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 110.482 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG036156.D
 Acq: 7 Aug 2018 10:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.1	19.5	29.3

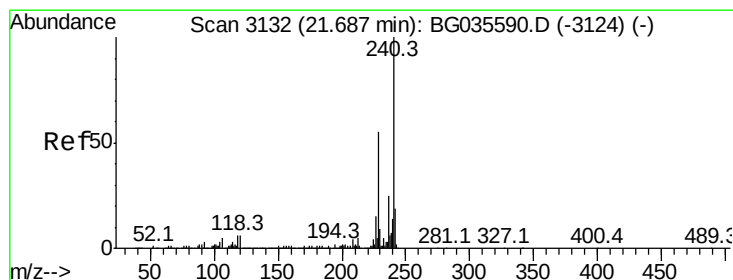
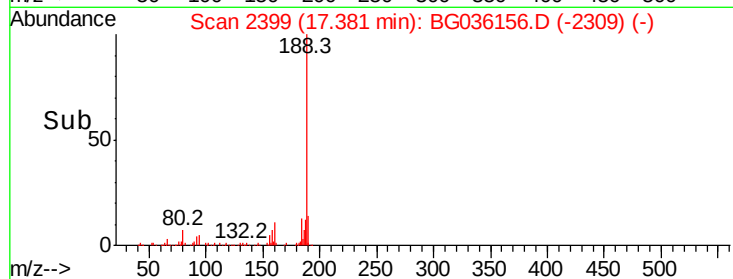
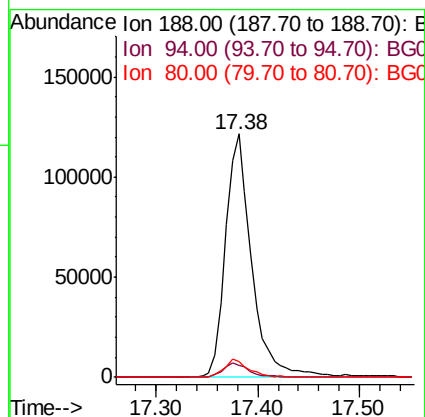
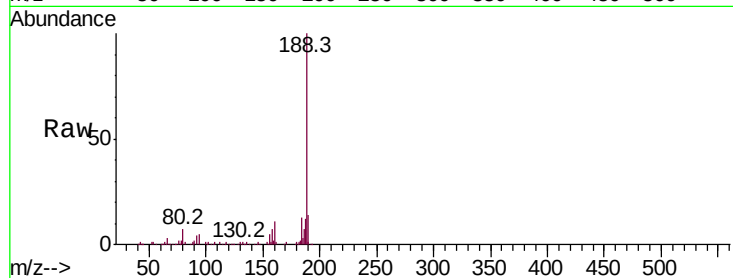




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

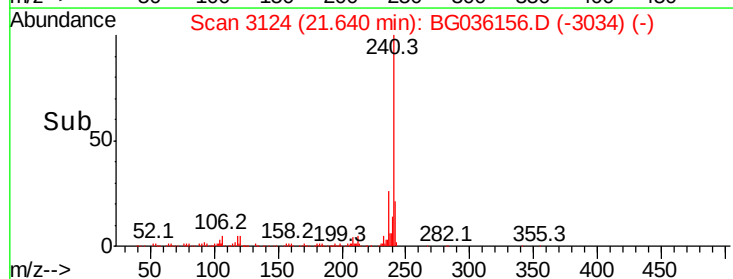
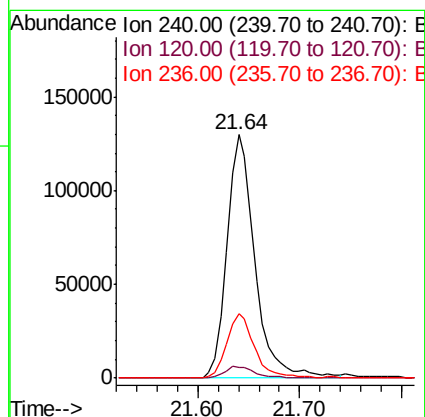
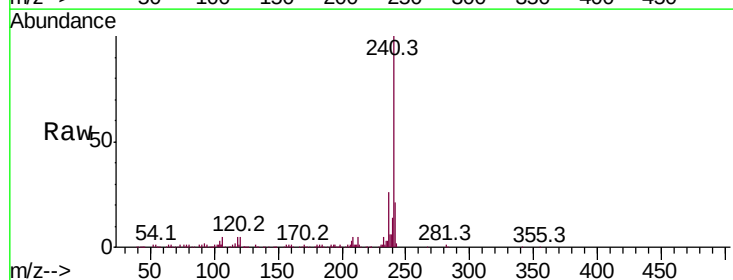
Instrument :
BNA_G
ClientSampleId :
SOIL-5

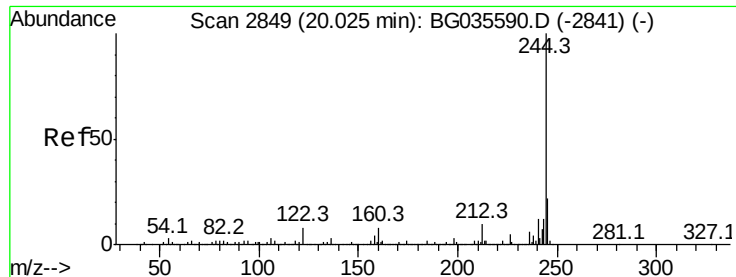
Tot Ion:188 Resp: 217282
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 6.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG036156.D
Acq: 7 Aug 2018 10:30

Tgt Ion:240 Resp: 247245
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 120.481 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.01 min

Lab File: BG036156.D

Acq: 7 Aug 2018 10:30

Instrument :

BNA_G

ClientSampleId :

SOIL-5

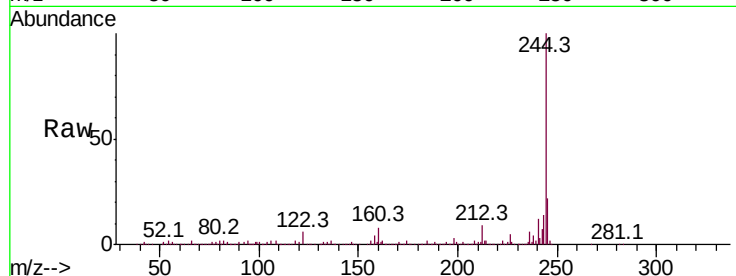
Tot Ion:244 Resp: 1351376

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

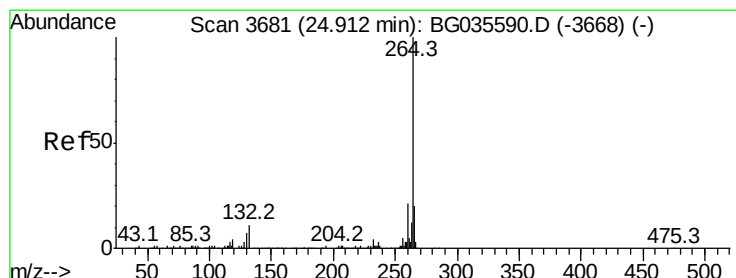
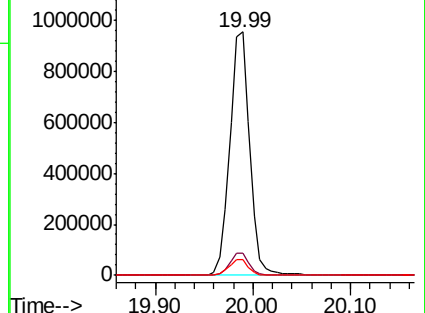
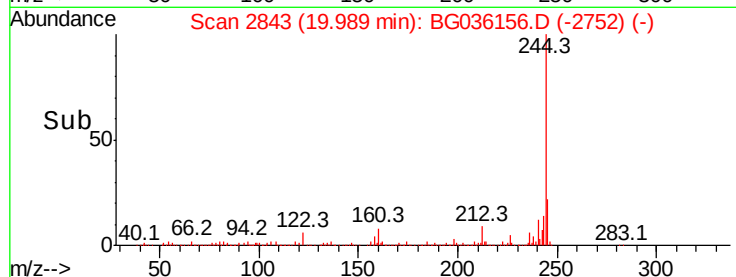
122 6.5 7.0 10.4#



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: BG036156.D

Acq: 7 Aug 2018 10:30

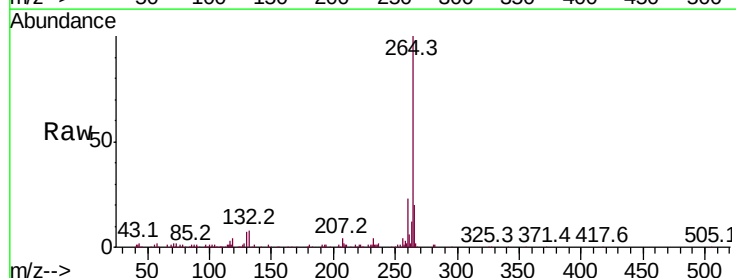
Tgt Ion:264 Resp: 230858

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 19.5 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

