

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036207.D
 Acq On : 8 Aug 2018 21:11
 Operator : JU/SJ
 Sample : J4360-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-SOIL

Quant Time: Aug 09 02:14:51 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	8.01	152	27103	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	94264	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	65077	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	194137	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	222713	20.00	ng	-0.02
86) Perylene-d12	24.83	264	203472	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	208597	127.78	ng	0.00
7) Phenol-d6	7.18	99	267056	109.65	ng	-0.01
23) Nitrobenzene-d5	9.17	82	215909	95.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	145373	169.48	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	484113	99.66	ng	-0.02
78) Terphenyl-d14	19.98	244	1049293	103.85	ng	-0.02

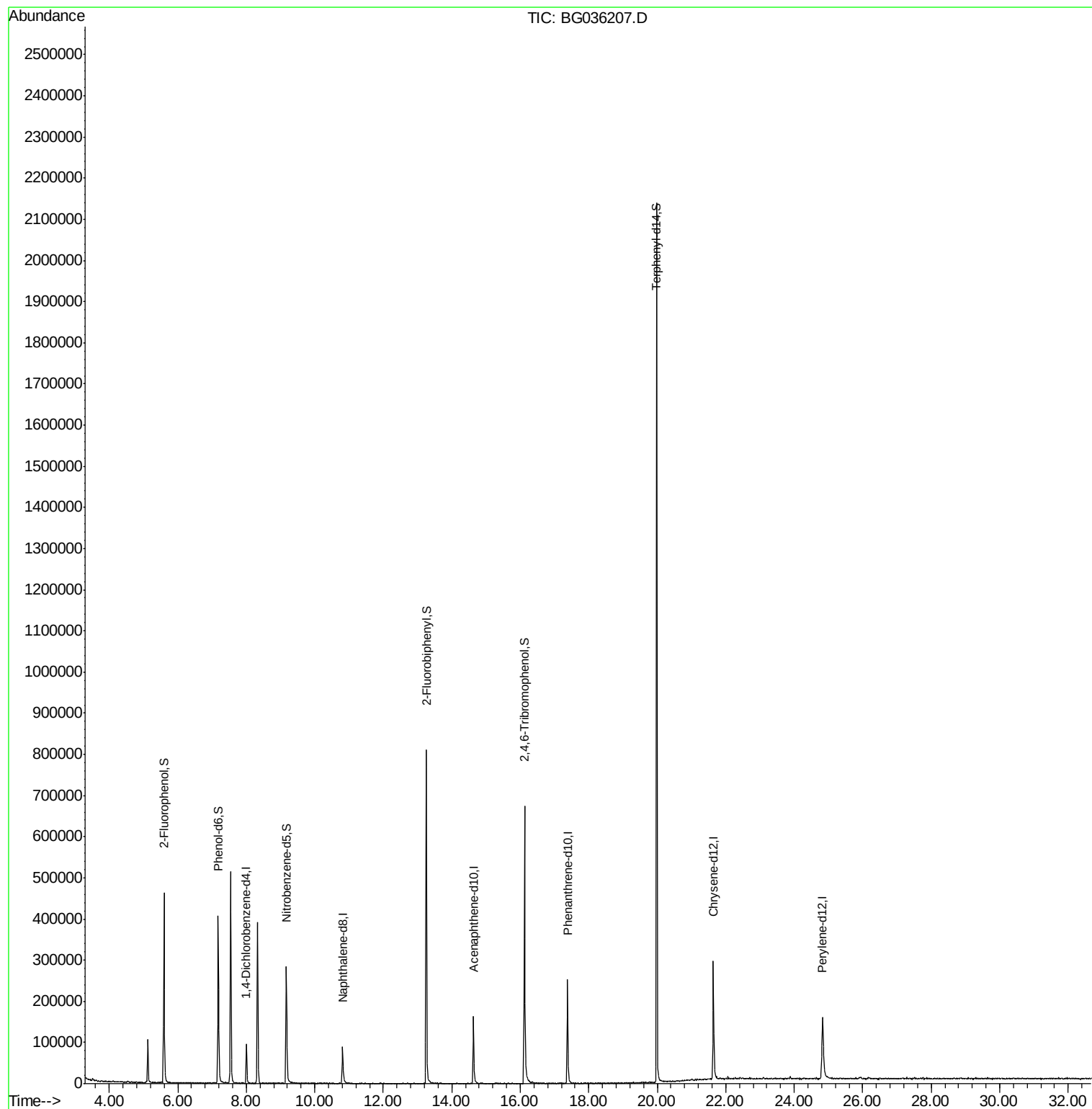
Target Compounds Qvalue

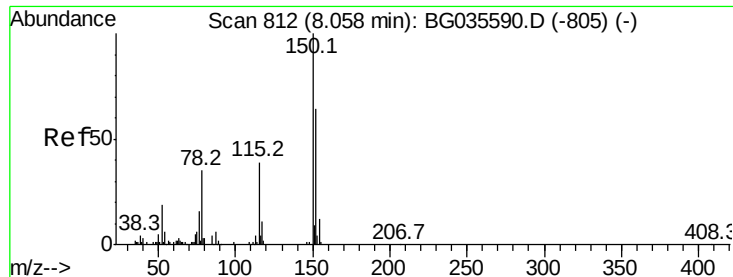
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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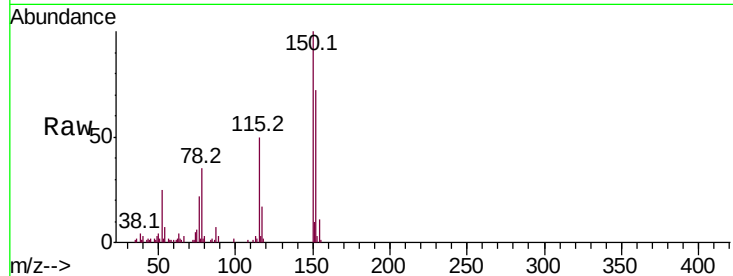


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

Instrument :
BNA_G
ClientSampleId :
155-SOIL

Tot Ion	152	Resp	27103
Ion Ratio	100	Lower	Upper
150	138.0	126.6	189.8
115	68.6	53.0	79.4

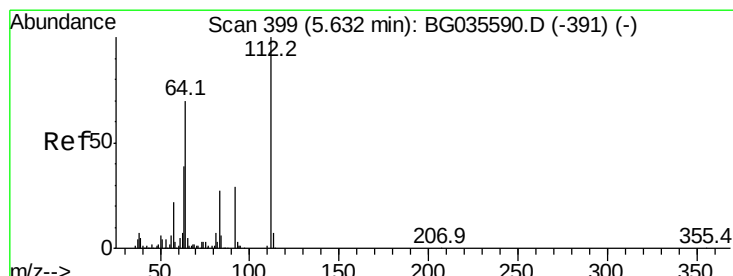
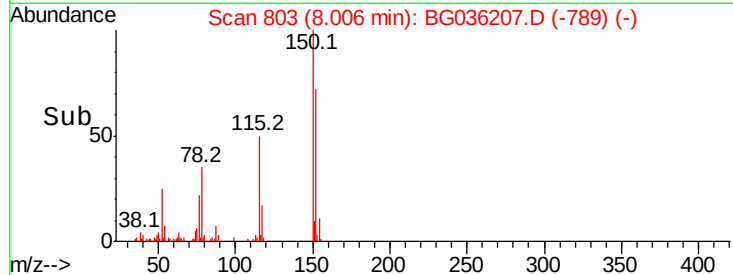
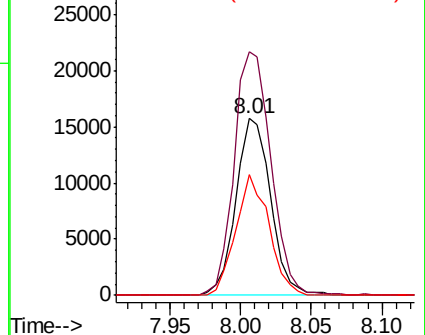


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

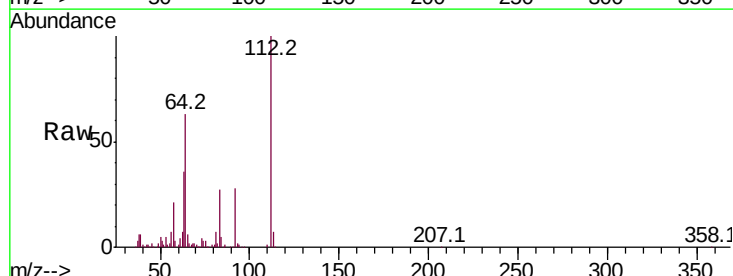
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.779 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

Tgt Ion	112	Resp	208597
Ion Ratio	100	Lower	Upper
64	62.6	56.3	84.5
63	36.5	30.1	45.1

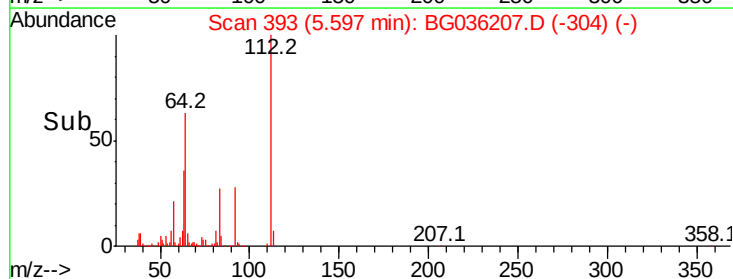
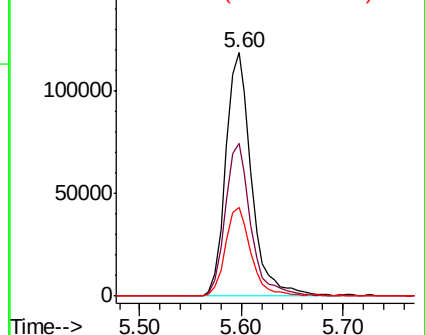


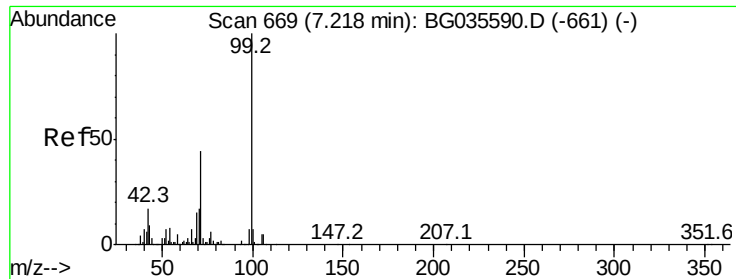
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.645 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036207.D

Acq: 8 Aug 2018 21:11

Instrument :

BNA_G

ClientSampleId :

155-SOIL

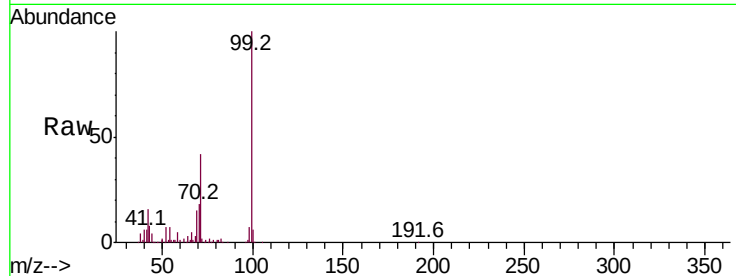
Tot Ion: 99 Resp: 267056

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

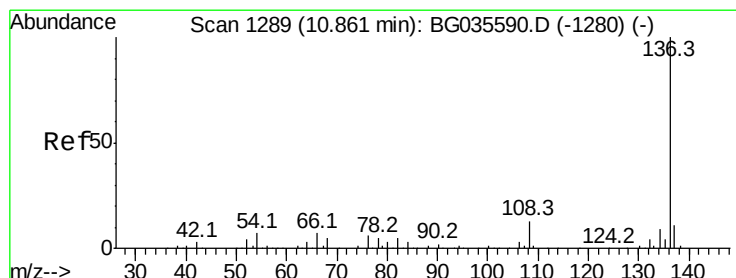
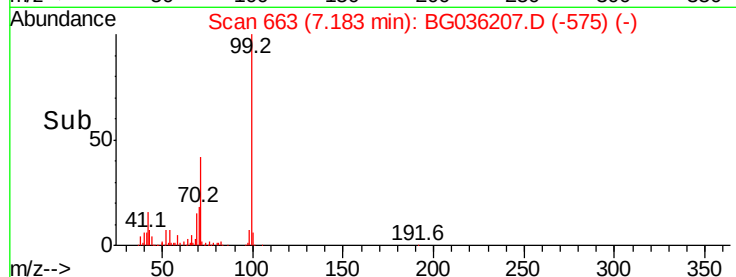
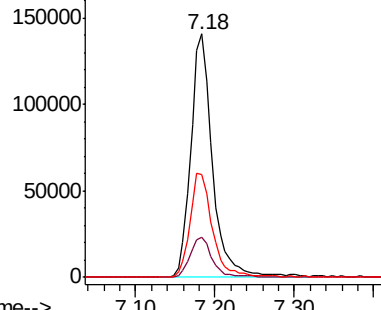
71 42.3 26.1 39.1#



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. -0.02 min

Lab File: BG036207.D

Acq: 8 Aug 2018 21:11

Tgt Ion:136 Resp: 94264

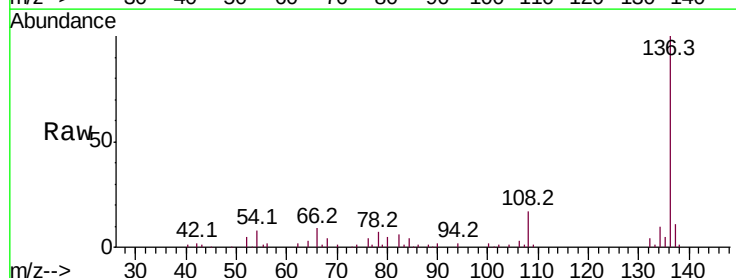
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.5 10.3 15.5#

68 4.3 4.5 6.7#

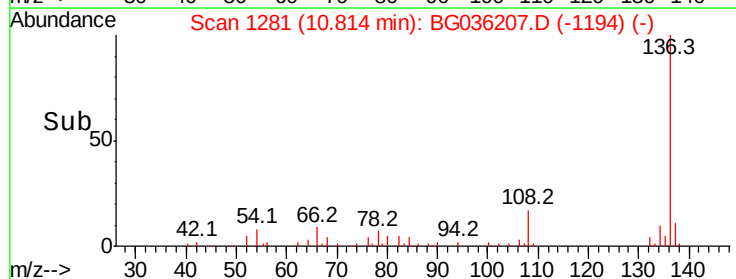
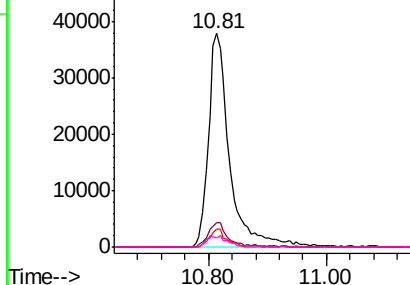


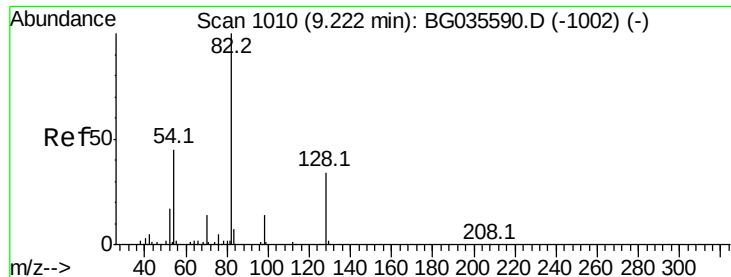
Abundance Ion 136.00 (135.70 to 136.70): E

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

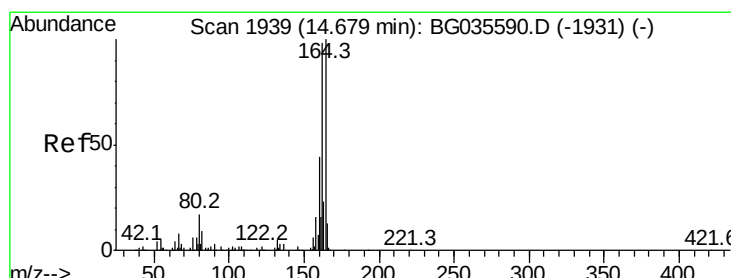
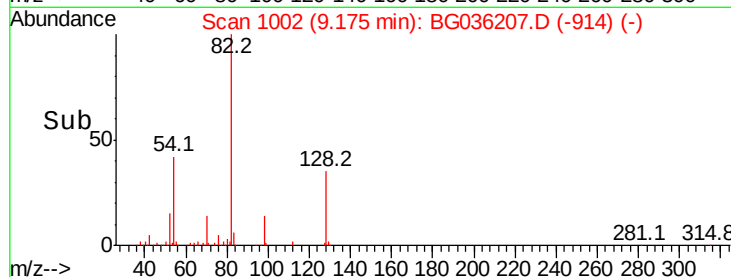
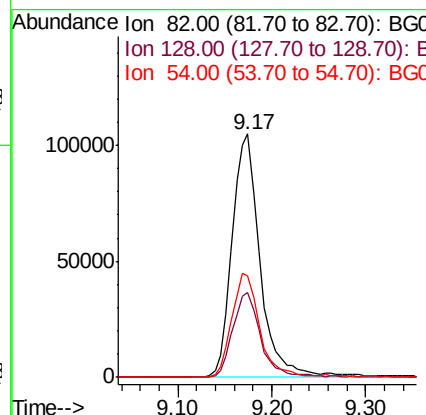
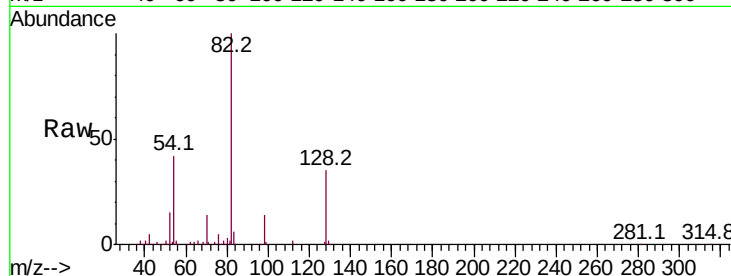




#23
Nitrobenzene-d5
Concen: 95.684 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

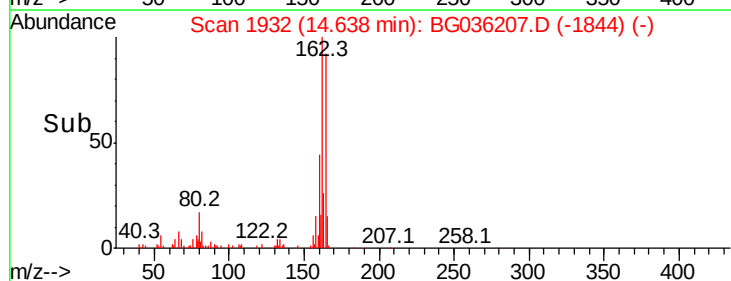
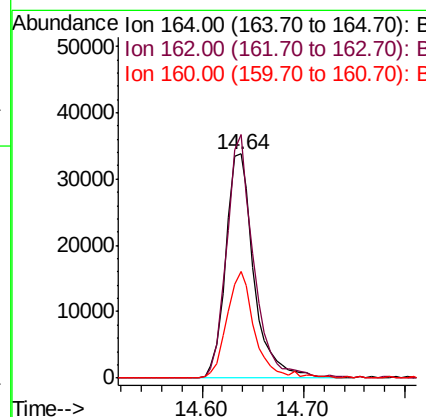
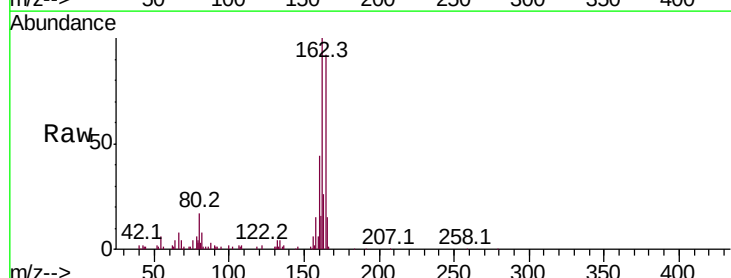
Instrument :
BNA_G
ClientSampled :
155-SOIL

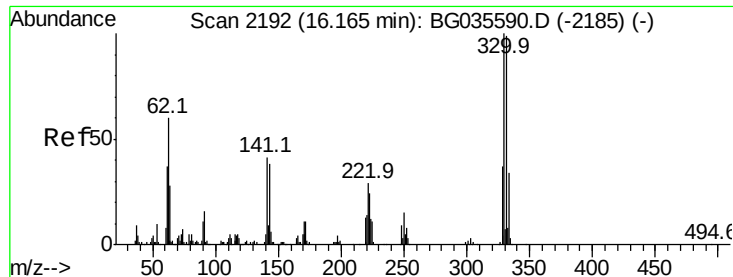
Tot Ion	82	Resp	215909
Ion Ratio	100	Lower	Upper
128	34.6	29.7	44.5
54	41.9	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

Tgt Ion	164	Resp	65077
Ion Ratio	100	Lower	Upper
162	108.5	78.8	118.2
160	47.4	35.4	53.0

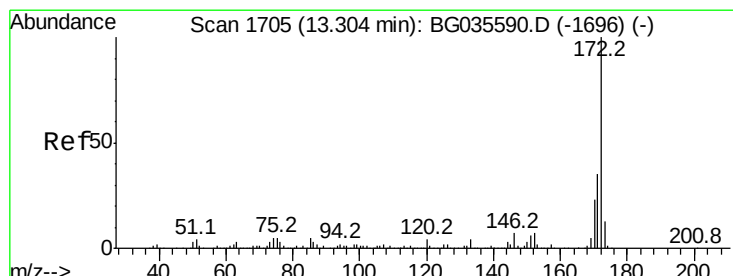
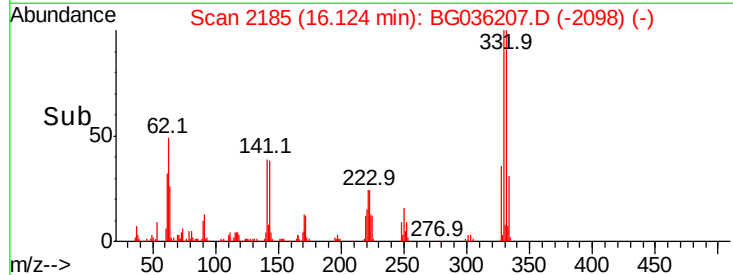
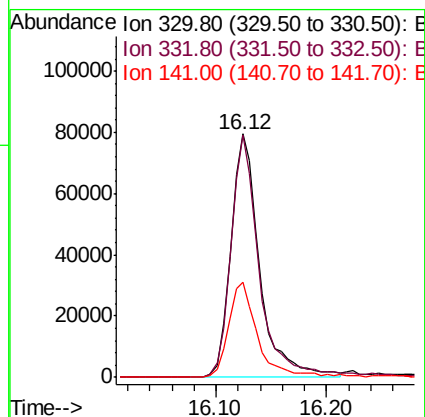
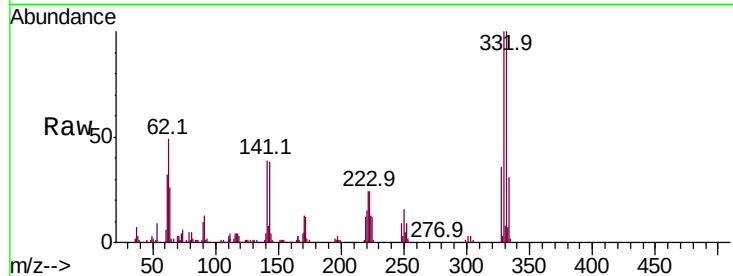




#41
 2,4,6-Tribromophenol
 Concen: 169.480 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036207.D
 Acq: 8 Aug 2018 21:11

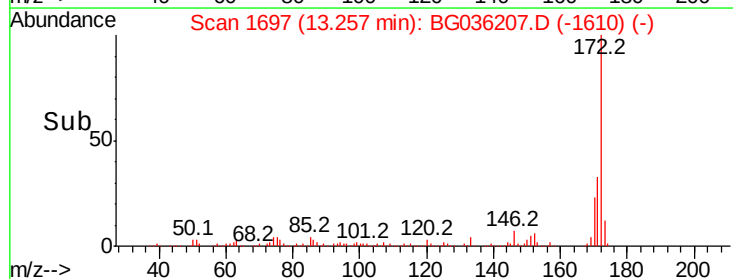
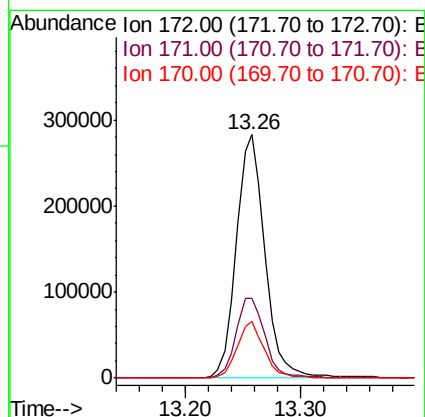
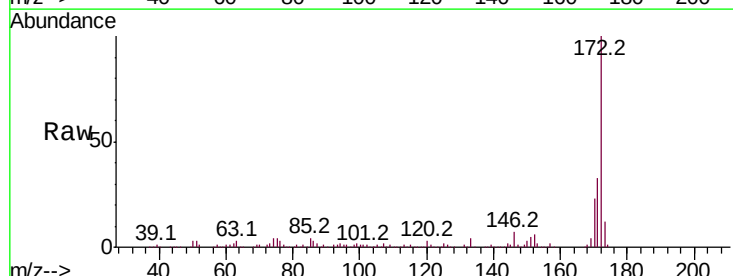
Instrument :
 BNA_G
 ClientSampleId :
 155-SOIL

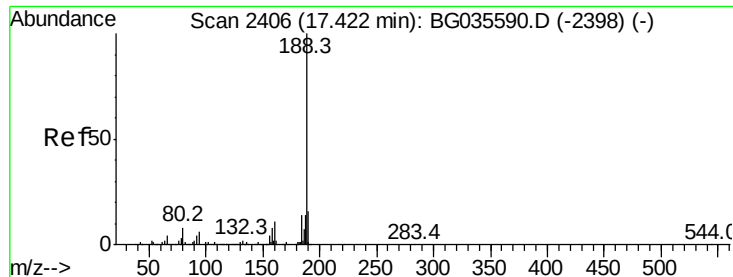
Tot Ion:330 Resp: 145373
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 39.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.664 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036207.D
 Acq: 8 Aug 2018 21:11

Tgt Ion:172 Resp: 484113
 Ion Ratio Lower Upper
 172 100
 171 32.8 30.0 45.0
 170 23.4 19.5 29.3

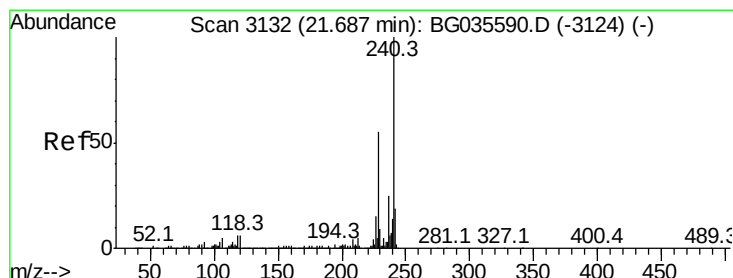
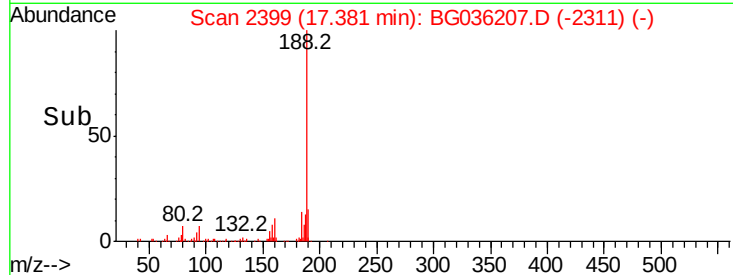
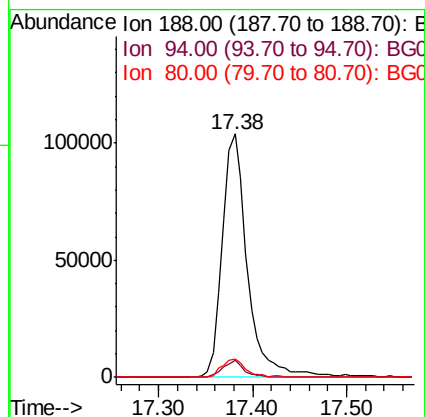
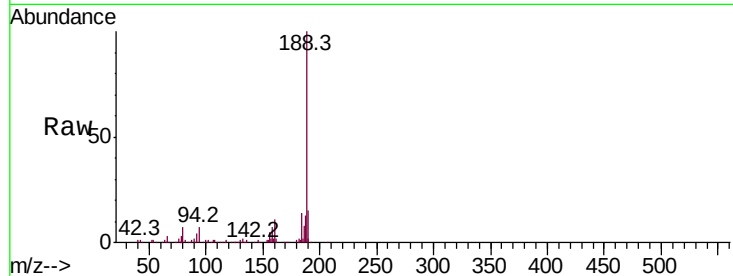




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

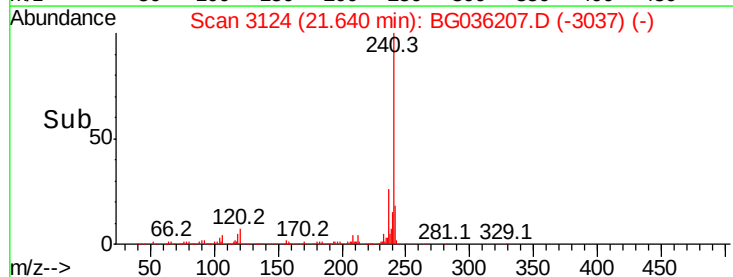
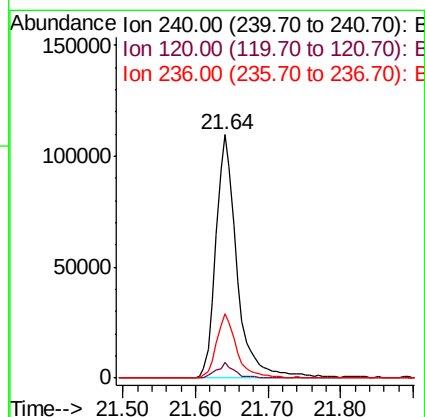
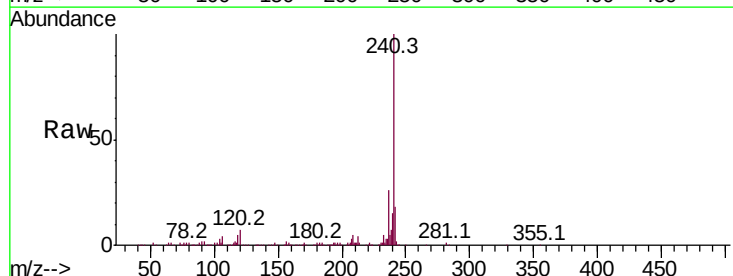
Instrument :
BNA_G
ClientSampled :
155-SOIL

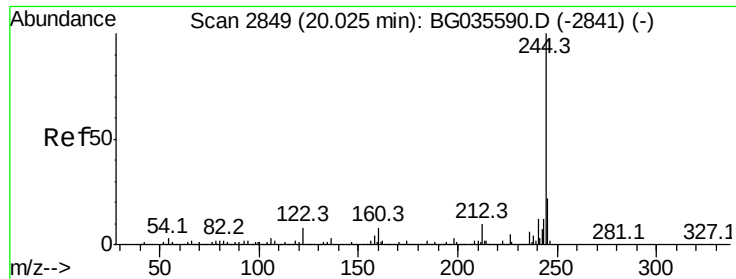
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036207.D
Acq: 8 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 103.854 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036207.D

Acq: 8 Aug 2018 21:11

Instrument :

BNA_G

ClientSampled :

155-SOIL

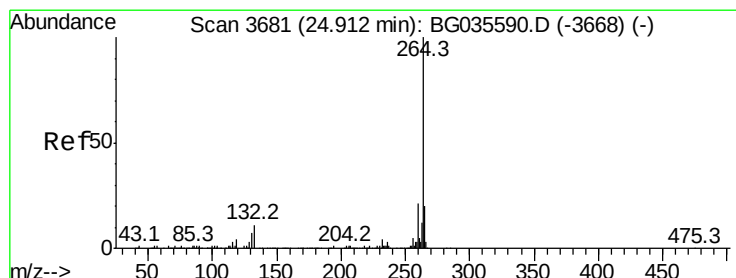
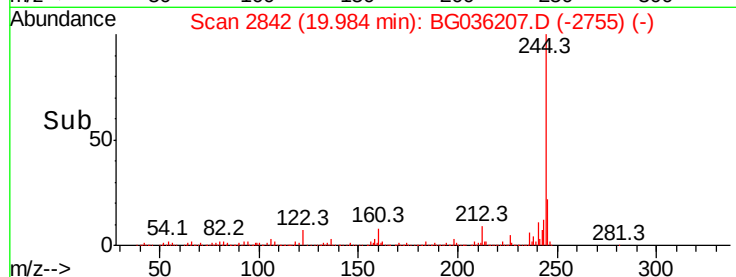
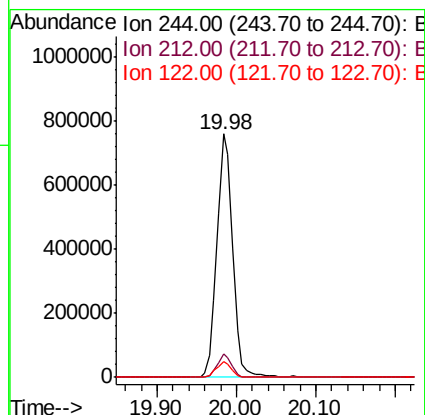
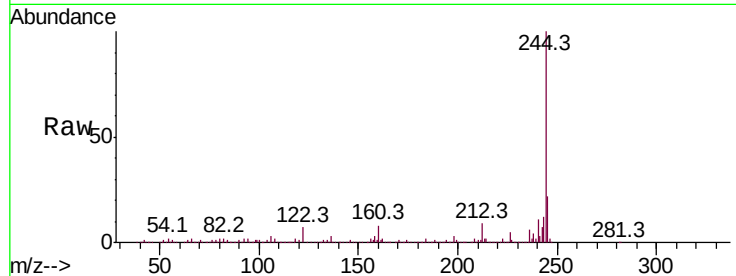
Tot Ion:244 Resp: 1049293

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.5 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036207.D

Acq: 8 Aug 2018 21:11

Tgt Ion:264 Resp: 203472

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 23.0 17.7 26.5

