

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036153.D
 Acq On : 7 Aug 2018 8:32
 Operator : JU/SJ
 Sample : J4333-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Quant Time: Aug 07 10:47:13 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	34712	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	119192	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	79002	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	247942	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	268609	20.00	ng	-0.02
86) Perylene-d12	24.83	264	251354	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	280914	134.36	ng	-0.01
7) Phenol-d6	7.19	99	354409	113.61	ng	-0.01
23) Nitrobenzene-d5	9.17	82	299373	104.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	214656	206.14	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	664580	112.70	ng	-0.02
78) Terphenyl-d14	19.99	244	1385953	113.74	ng	-0.02

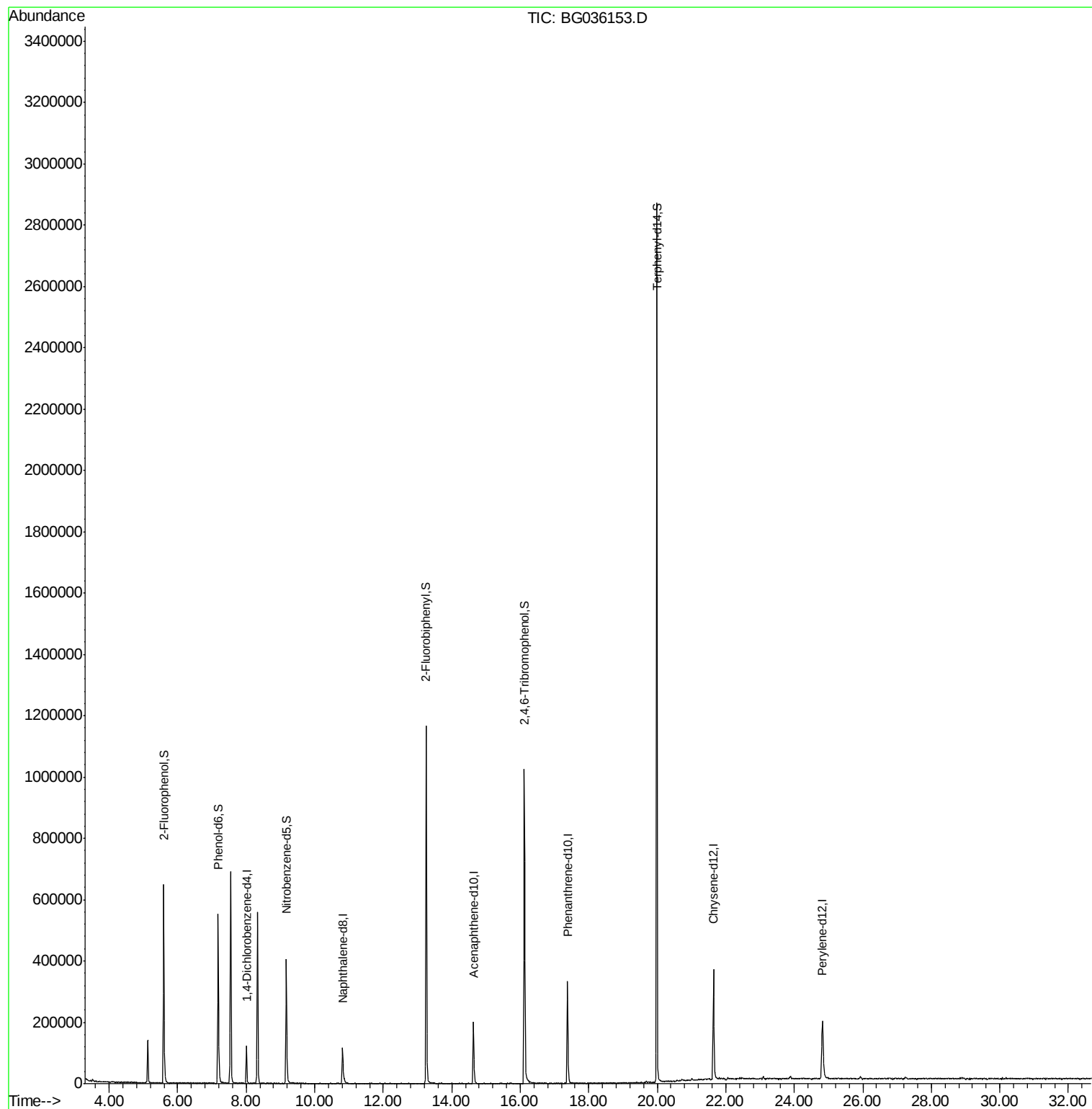
Target Compounds Qvalue

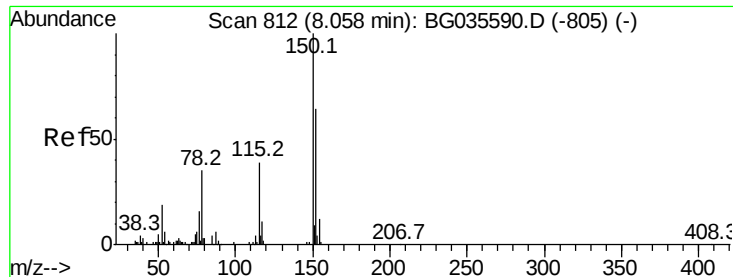
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036153.D

Acq: 7 Aug 2018 8:32

Instrument :

BNA_G

ClientSampleId :

SOIL-2

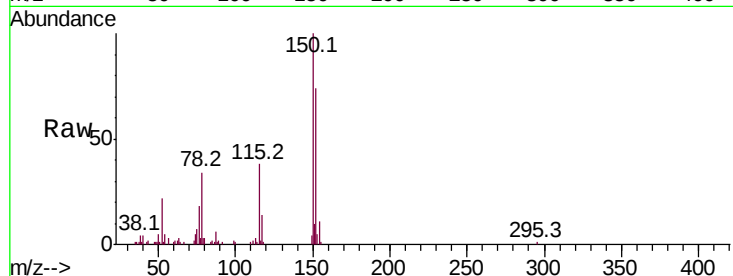
Tot Ion:152 Resp: 34712

Ion Ratio Lower Upper

152 100

150 135.8 126.6 189.8

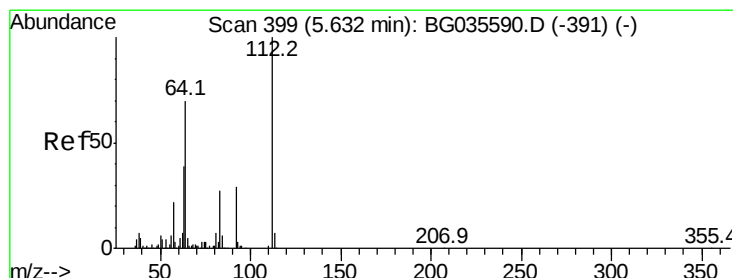
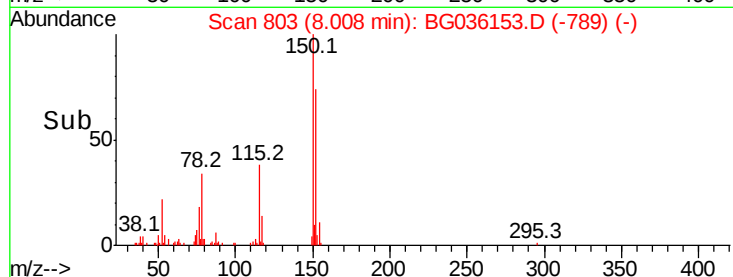
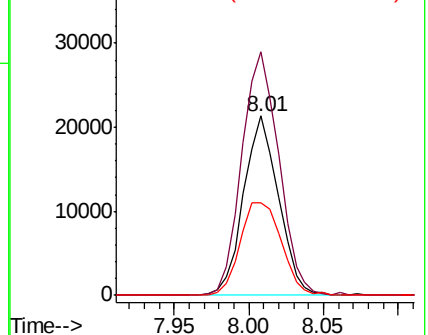
115 51.4 53.0 79.4#



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: 134.358 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036153.D

Acq: 7 Aug 2018 8:32

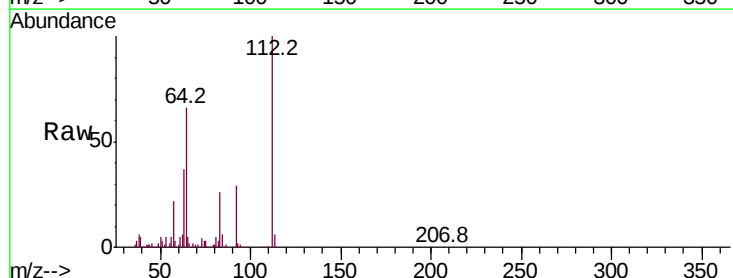
Tgt Ion:112 Resp: 280914

Ion Ratio Lower Upper

112 100

64 66.0 56.3 84.5

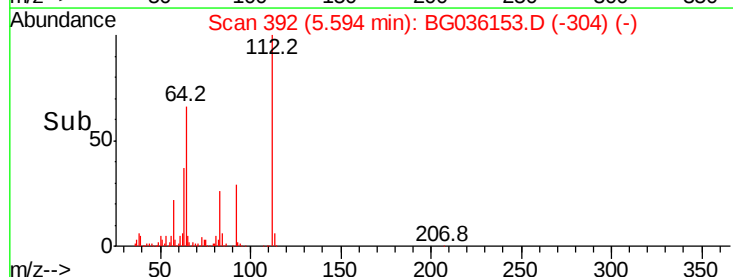
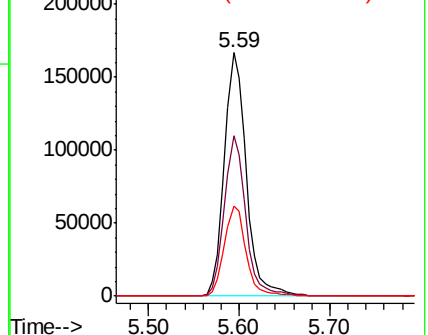
63 37.1 30.1 45.1

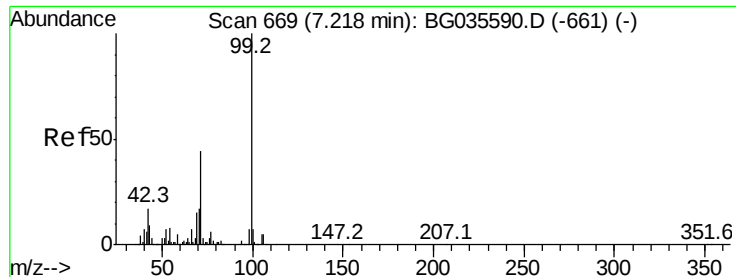


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.613 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036153.D

Acq: 7 Aug 2018 8:32

Instrument :

BNA_G

ClientSampleId :

SOIL-2

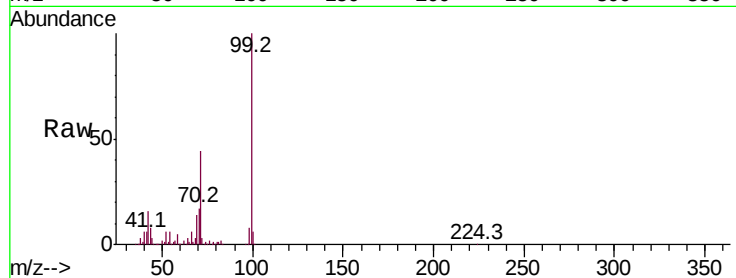
Tot Ion: 99 Resp: 354409

Ion Ratio Lower Upper

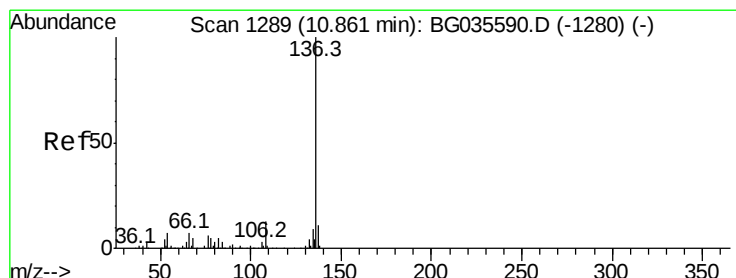
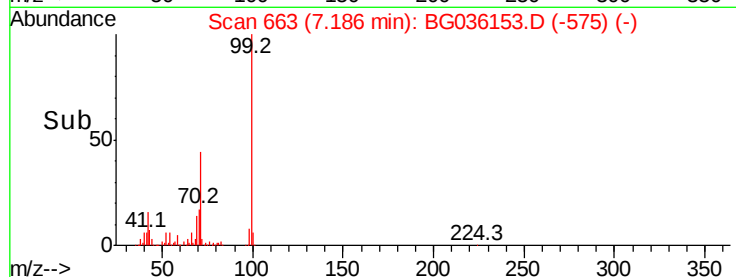
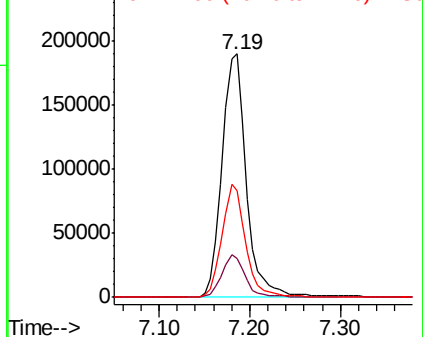
99 100

42 15.8 14.1 21.1

71 43.6 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: 10.82 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036153.D

Acq: 7 Aug 2018 8:32

Tgt Ion: 136 Resp: 119192

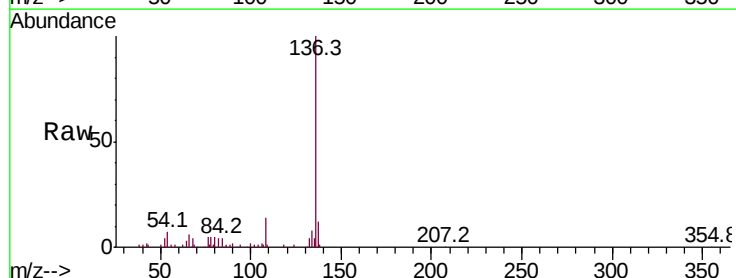
Ion Ratio Lower Upper

136 100

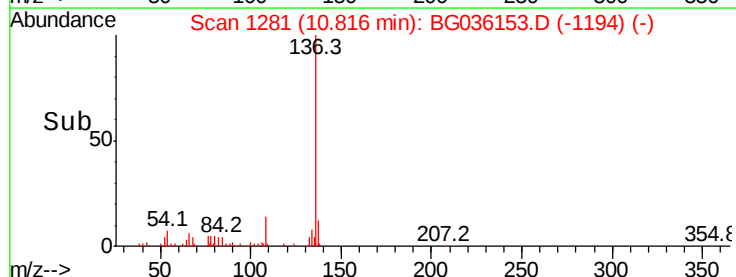
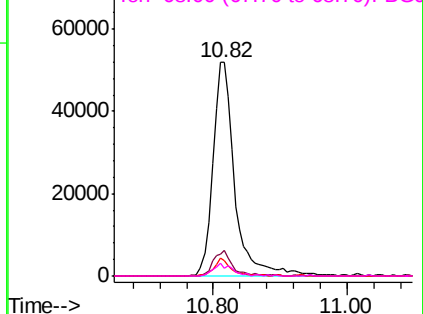
137 11.7 9.2 13.8

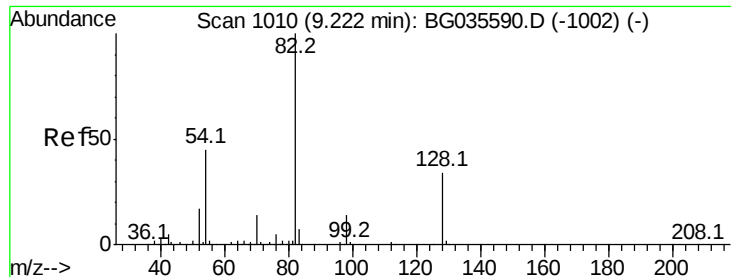
54 7.1 10.3 15.5#

68 3.8 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

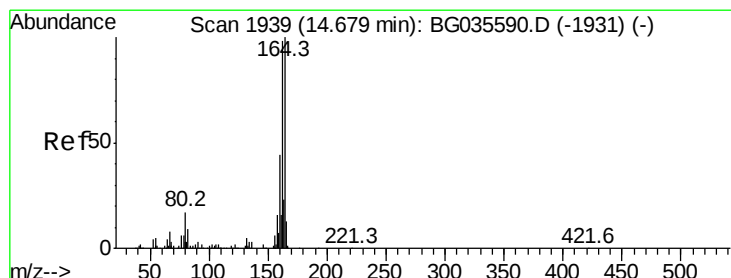
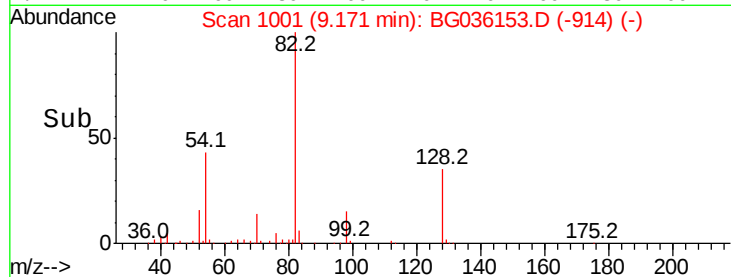
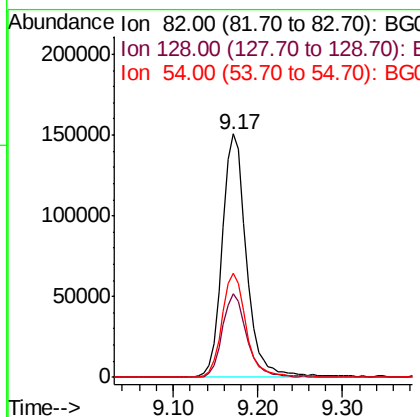
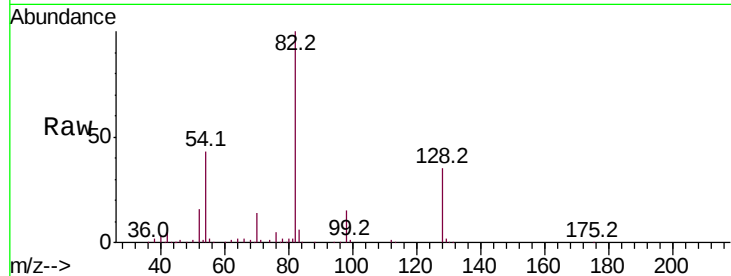




#23
 Nitrobenzene-d5
 Concen: 104.925 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

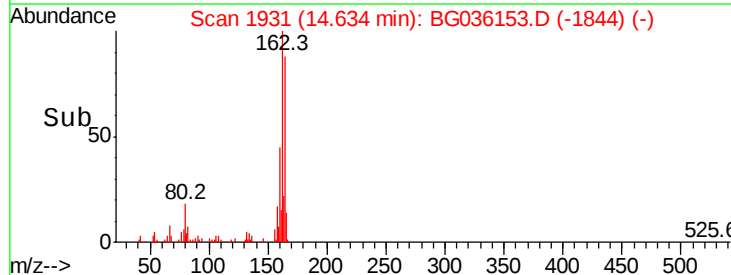
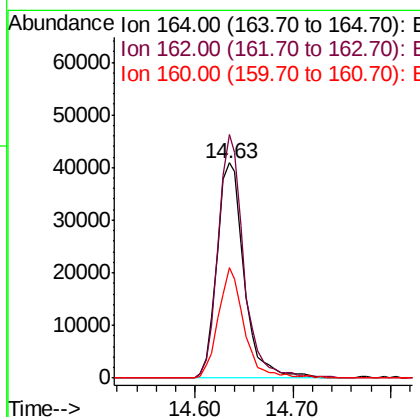
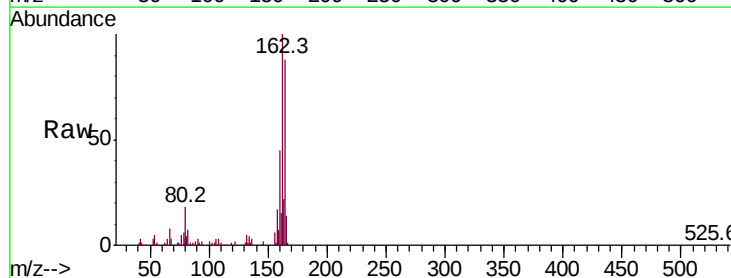
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

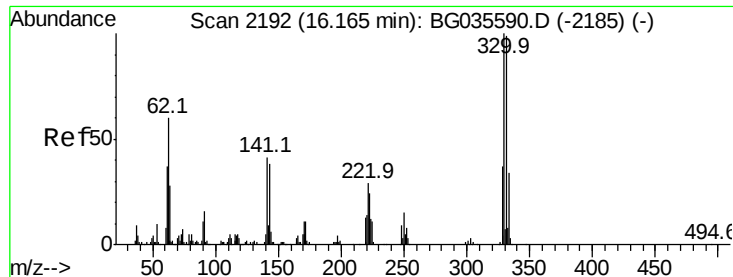
Tot Ion: 82 Resp: 299373
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 42.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

Tgt Ion:164 Resp: 79002
 Ion Ratio Lower Upper
 164 100
 162 113.2 78.8 118.2
 160 51.3 35.4 53.0

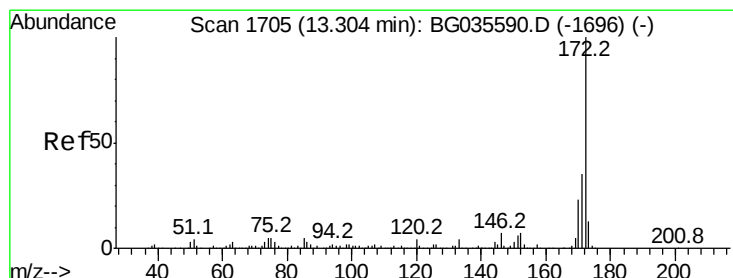
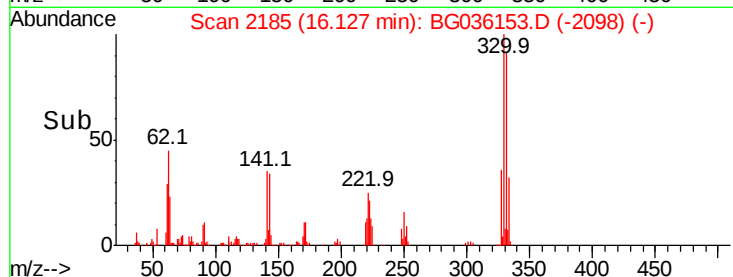
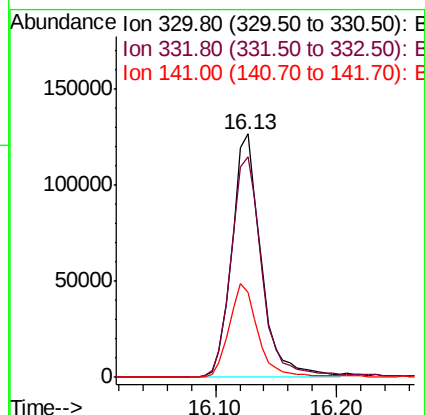
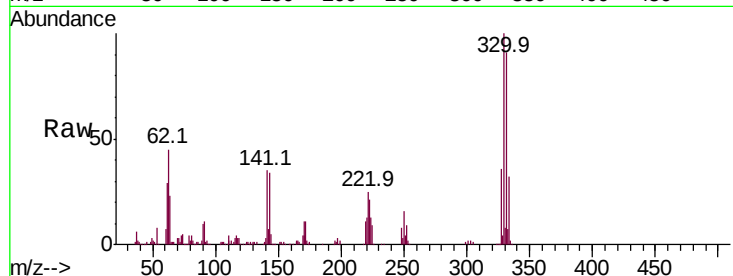




#41
 2,4,6-Tribromophenol
 Concen: 206.143 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

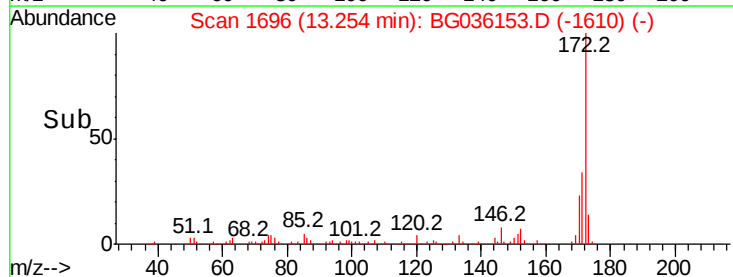
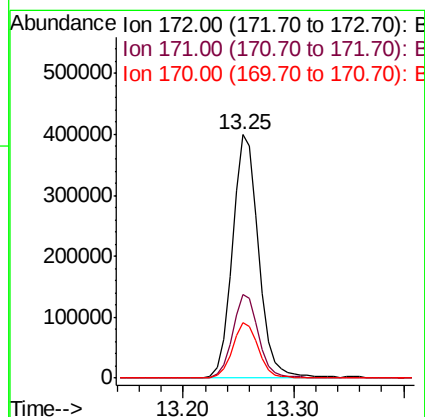
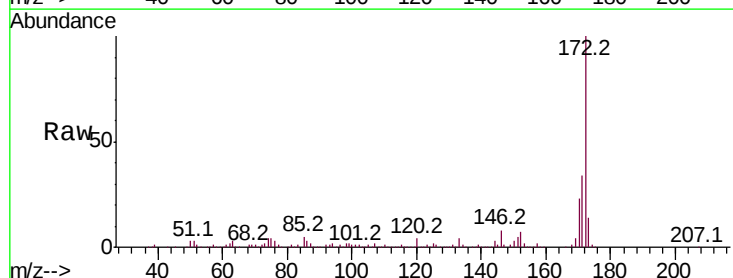
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

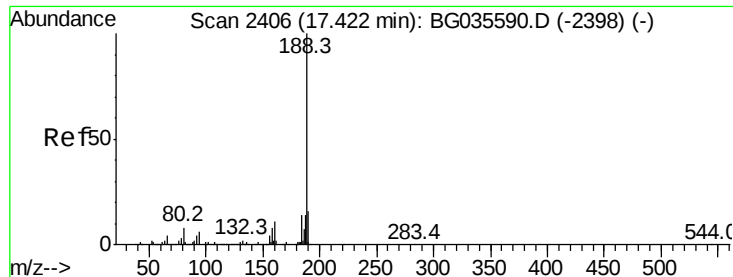
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 112.702 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.0	19.5	29.3

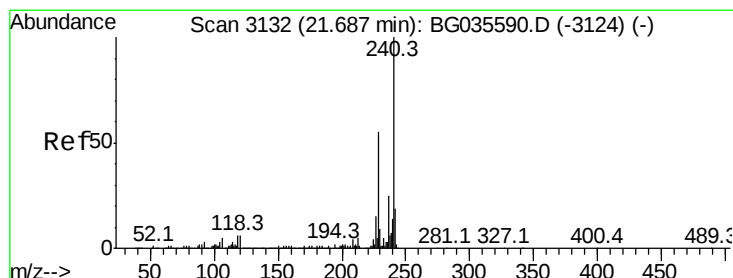
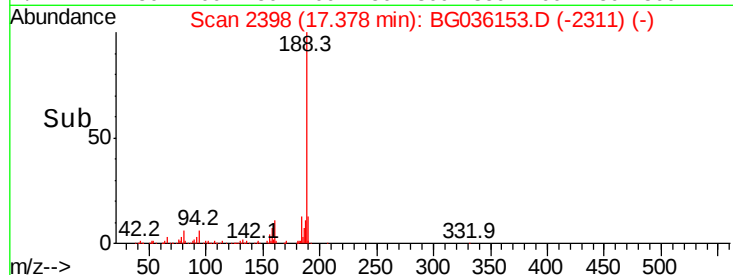
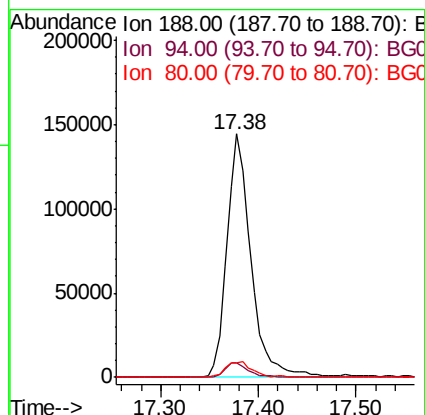
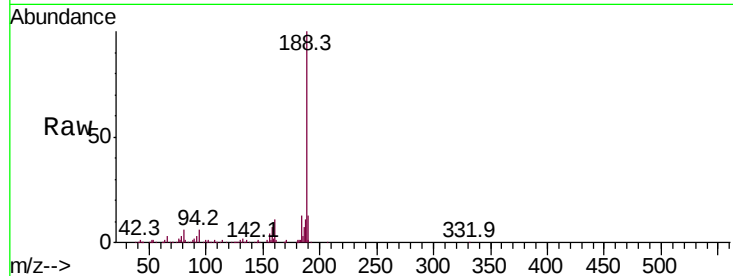




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036153.D
Acq: 7 Aug 2018 8:32

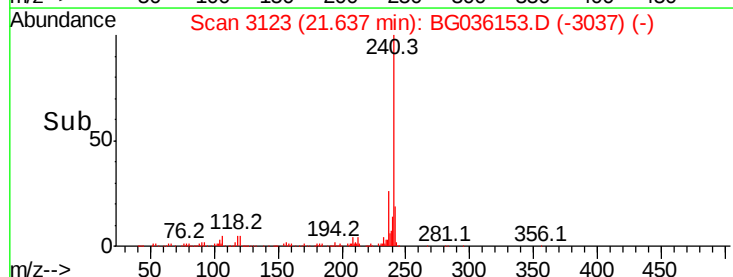
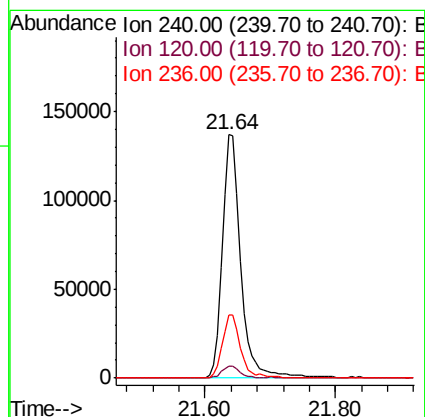
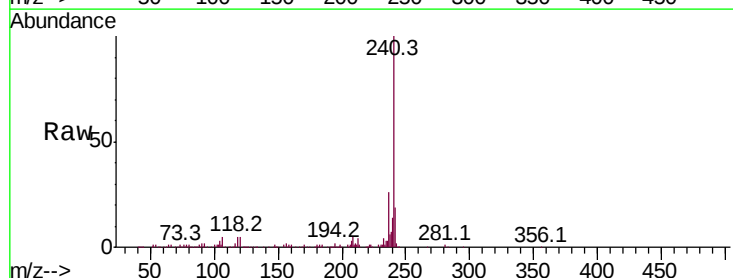
Instrument :
BNA_G
ClientSampleId :
SOIL-2

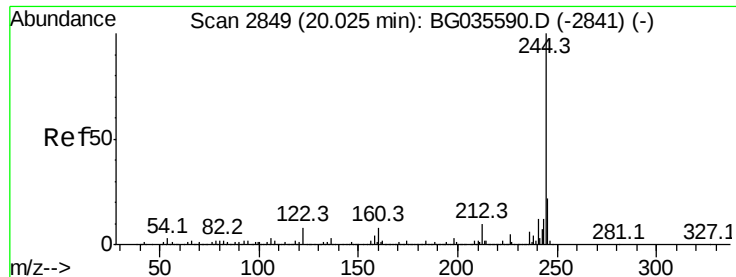
Tot Ion:188 Resp: 247942
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 5.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BG036153.D
Acq: 7 Aug 2018 8:32

Tgt Ion:240 Resp: 268609
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 26.1 20.9 31.3

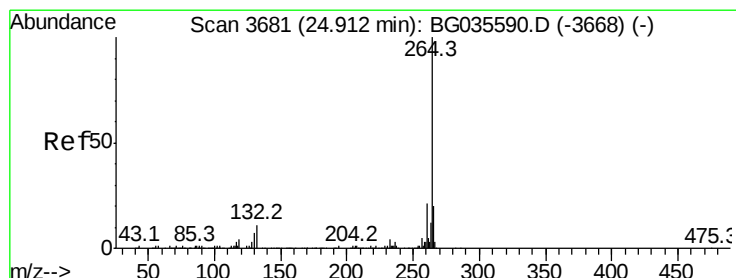
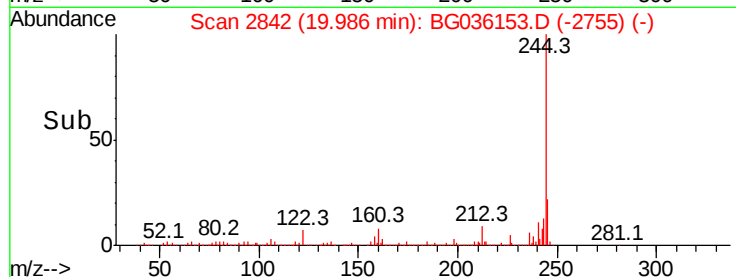
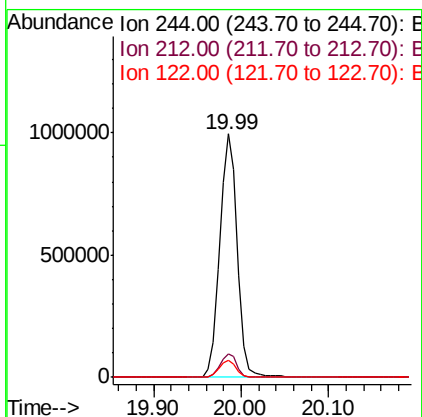
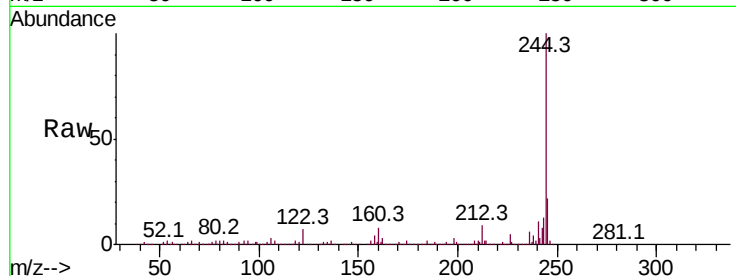




#78
 Terphenyl-d14
 Concen: 113.736 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tot Ion:244 Resp: 1385953
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3666
 Delta R.T. -0.03 min
 Lab File: BG036153.D
 Acq: 7 Aug 2018 8:32

Tgt Ion:264 Resp: 251354
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 21.3 17.7 26.5

