

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036009.D
 Acq On : 31 Jul 2018 20:05
 Operator : JU/SJ
 Sample : J4217-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Quant Time: Aug 01 01:33:35 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	38746	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	135553	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	94943	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	286843	20.00	ng	0.00
75) Chrysene-d12	21.65	240	326401	20.00	ng	0.00
86) Perylene-d12	24.85	264	298181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	335872	143.92	ng	0.00
7) Phenol-d6	7.19	99	434952	124.92	ng	0.00
23) Nitrobenzene-d5	9.18	82	336951	103.84	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	235858	188.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	726058	102.45	ng	0.00
78) Terphenyl-d14	20.00	244	1600003	108.05	ng	0.00

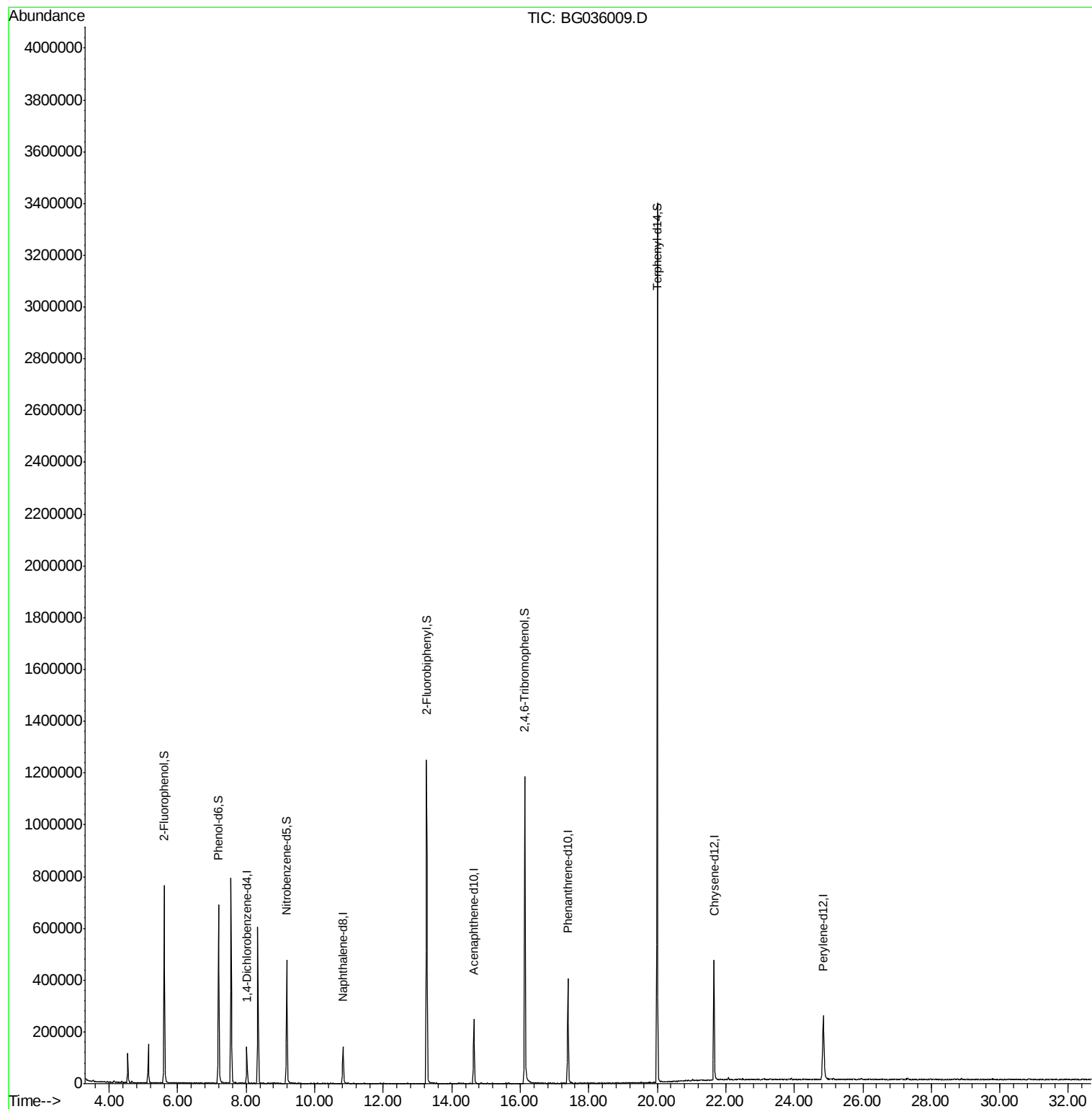
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036009.D
Acq On : 31 Jul 2018 20:05
Operator : JU/SJ
Sample : J4217-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-1

Quant Time: Aug 01 01:33:35 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



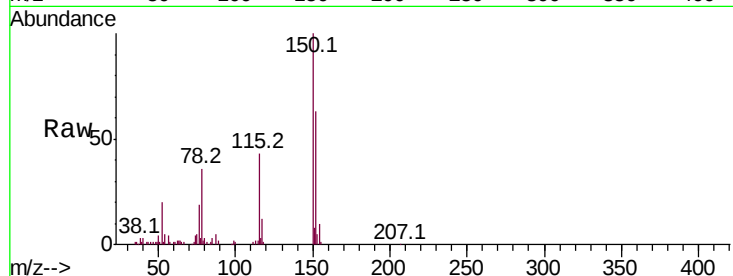


#1

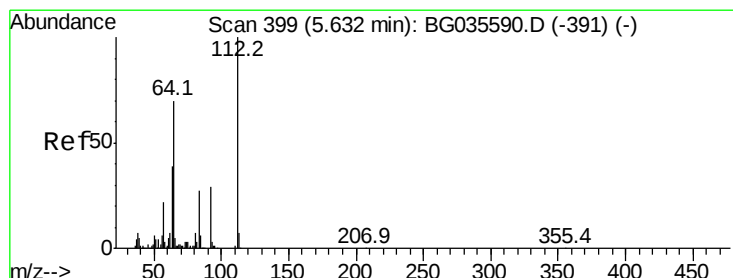
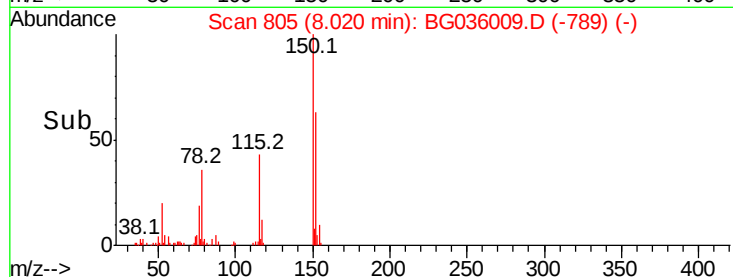
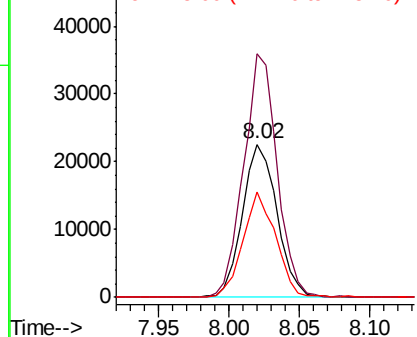
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tot Ion:152 Resp: 38746
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.6 189.8
 115 68.6 53.0 79.4



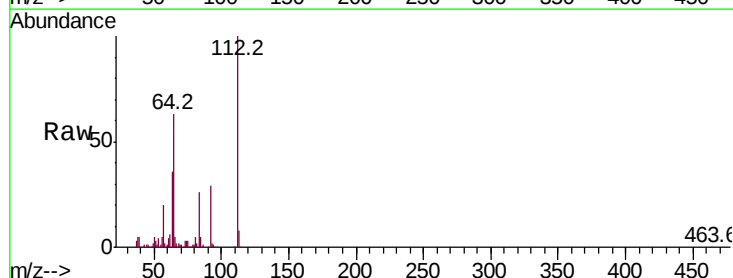
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



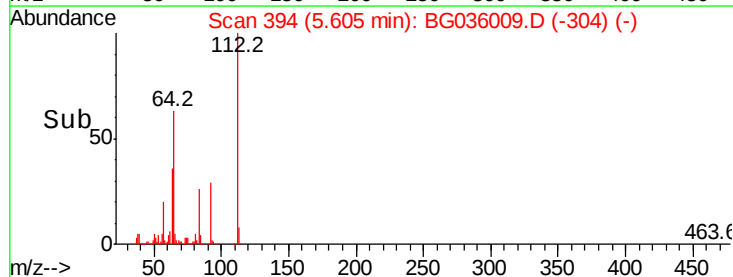
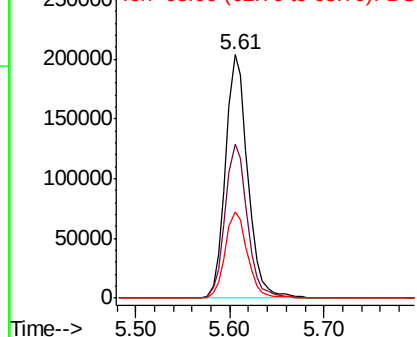
#5

2-Fluorophenol
 Concen: 143.918 ng
 RT: 5.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

Tgt Ion:112 Resp: 335872
 Ion Ratio Lower Upper
 112 100
 64 63.2 56.3 84.5
 63 35.6 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: 124.916 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036009.D

Acq: 31 Jul 2018 20:05

Instrument :

BNA_G

ClientSampleId :

SOIL-1

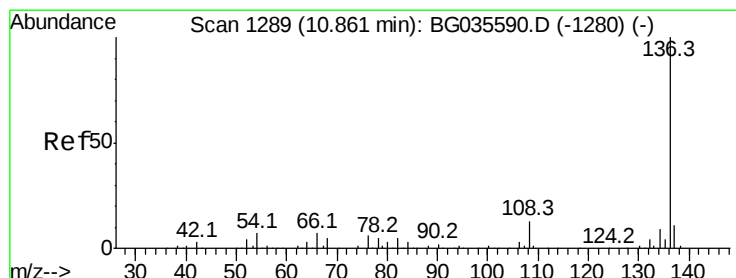
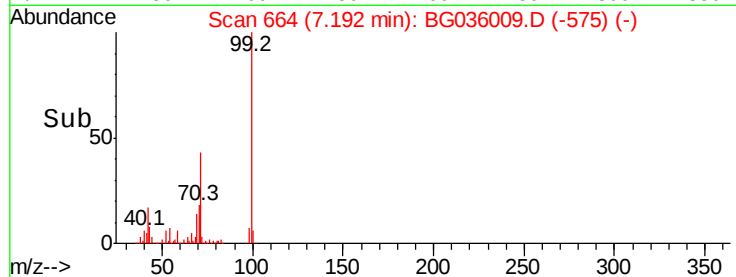
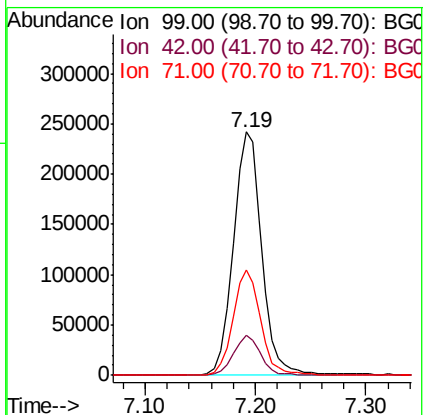
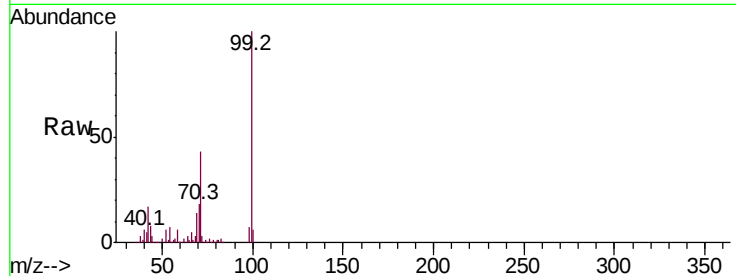
Tot Ion: 99 Resp: 434952

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 43.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036009.D

Acq: 31 Jul 2018 20:05

Tgt Ion:136 Resp: 135553

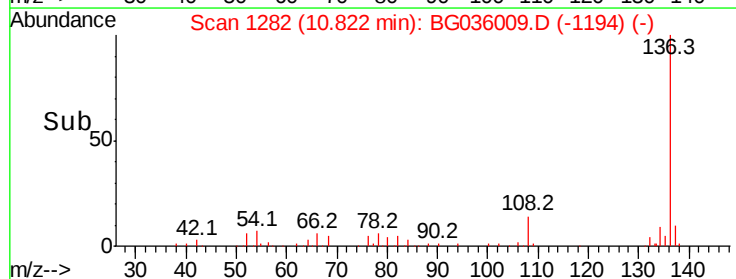
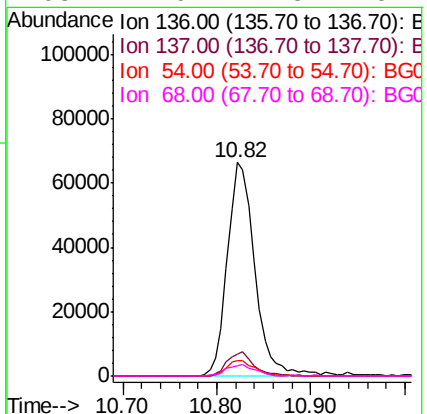
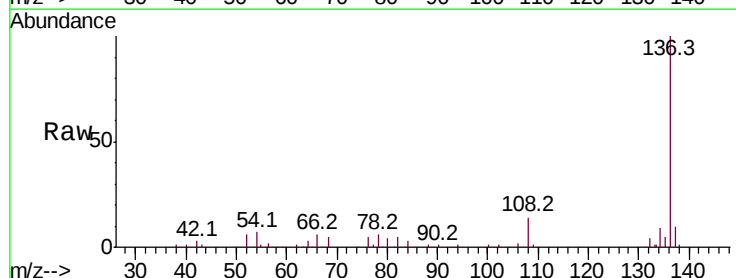
Ion Ratio Lower Upper

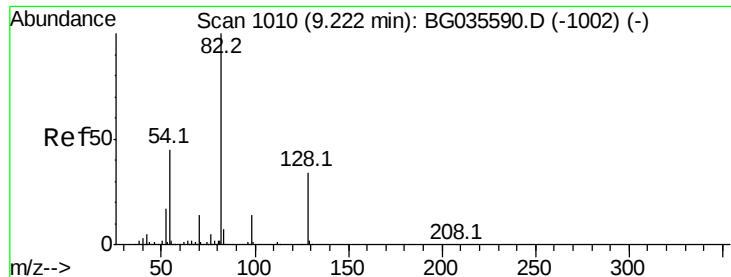
136 100

137 10.4 9.2 13.8

54 7.1 10.3 15.5#

68 4.9 4.5 6.7

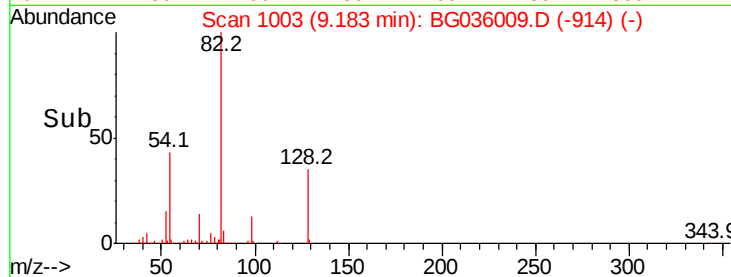
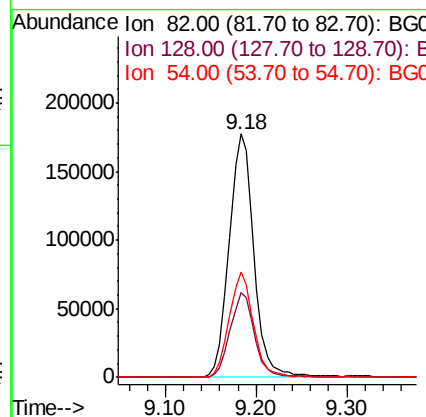
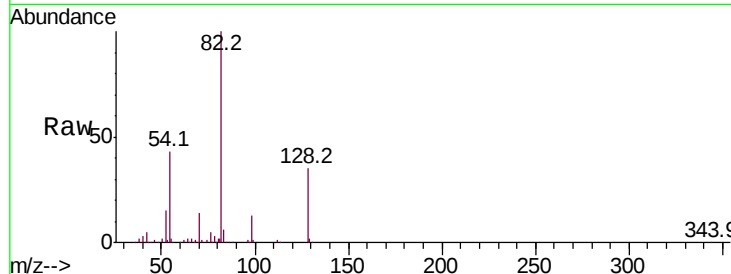




#23
 Nitrobenzene-d5
 Concen: 103.842 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

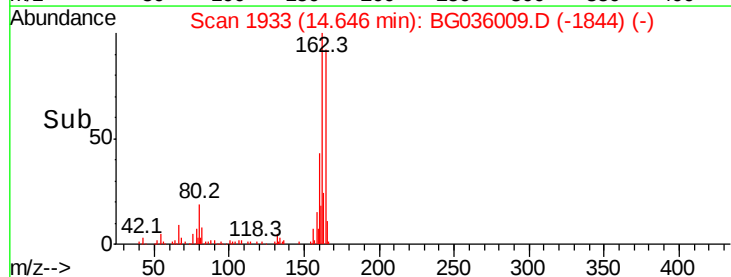
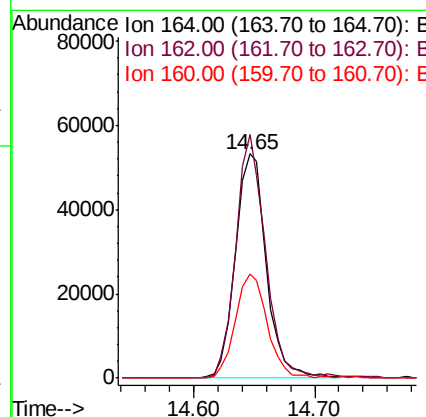
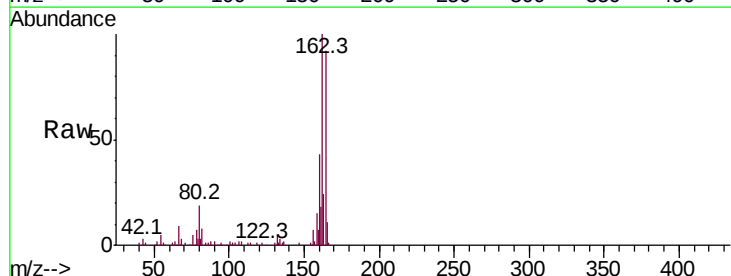
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	78.8	118.2
160	46.4	35.4	53.0

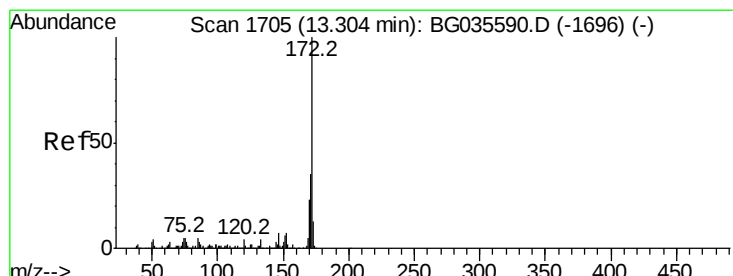
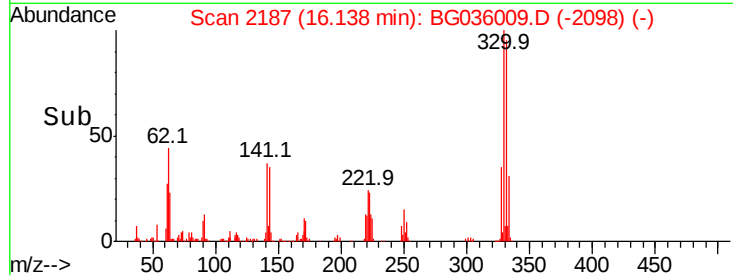
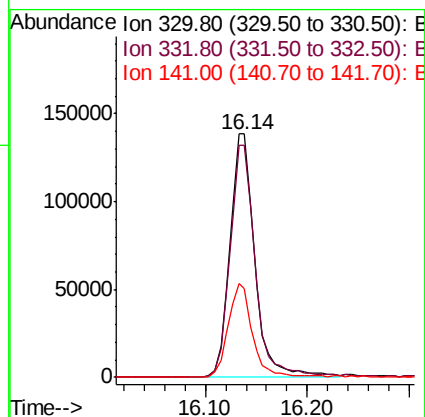
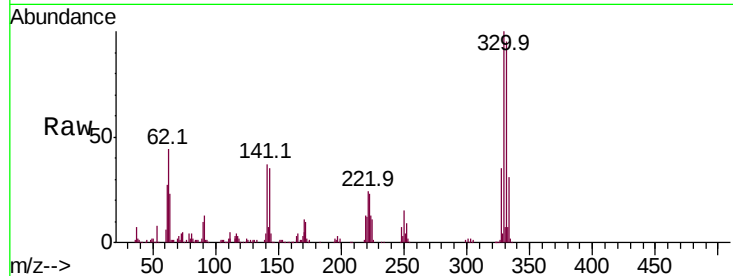




#41
 2,4,6-Tribromophenol
 Concen: 188.474 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

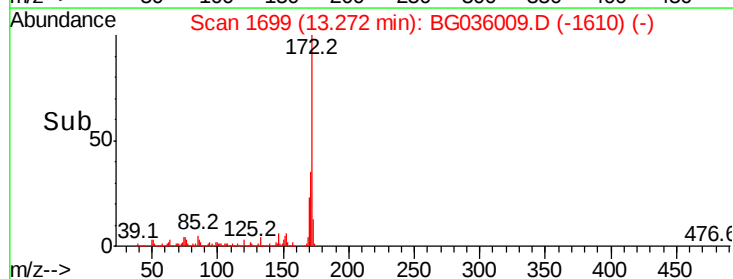
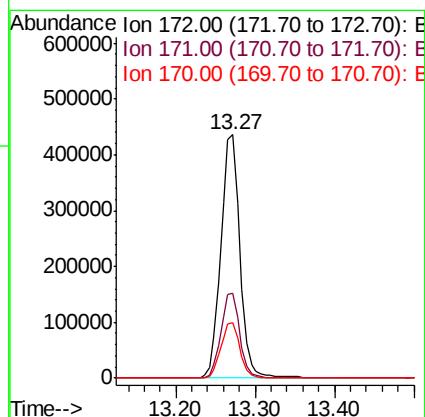
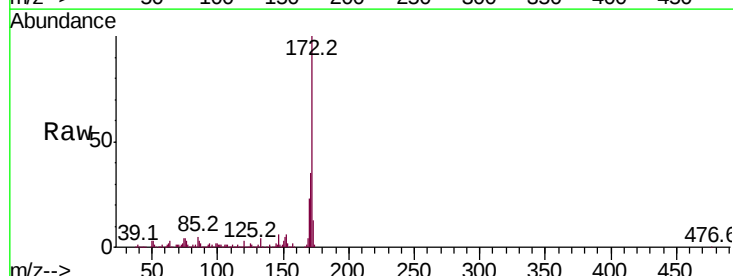
Instrument :
 BNA_G
 ClientSampled :
 SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	37.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.454 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG036009.D
 Acq: 31 Jul 2018 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	22.8	19.5	29.3

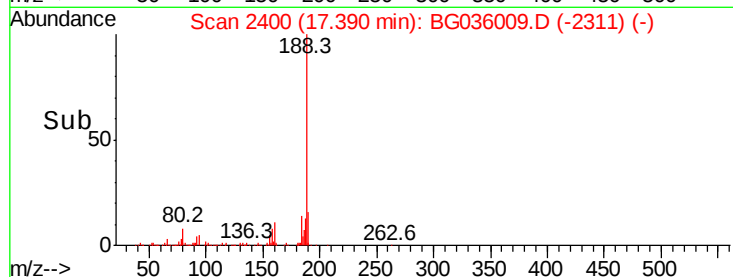
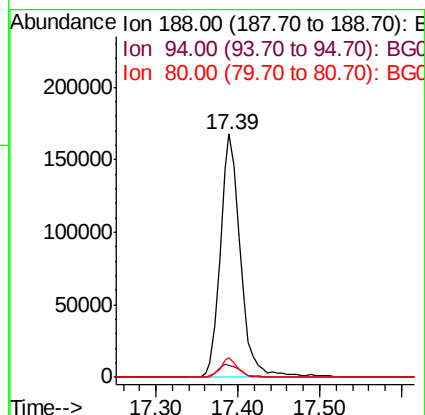
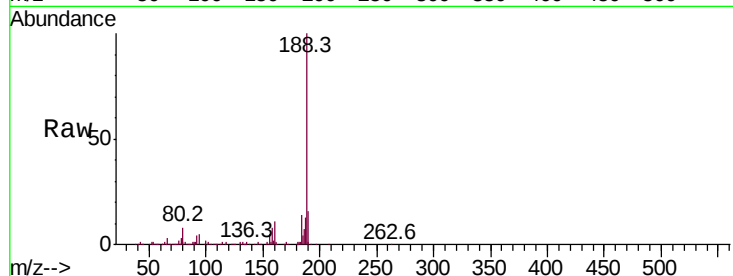




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG036009.D
Acq: 31 Jul 2018 20:05

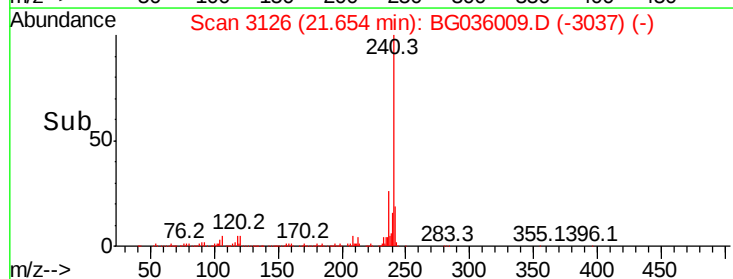
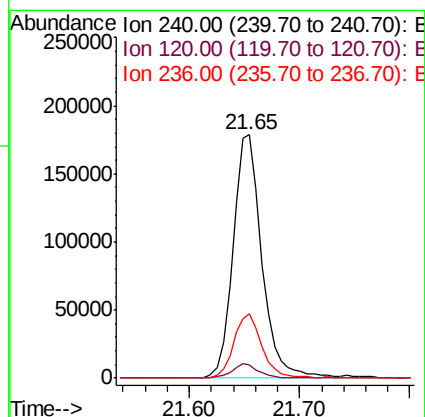
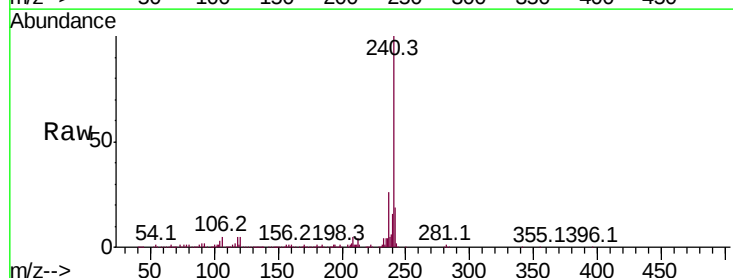
Instrument :
BNA_G
ClientSampleId :
SOIL-1

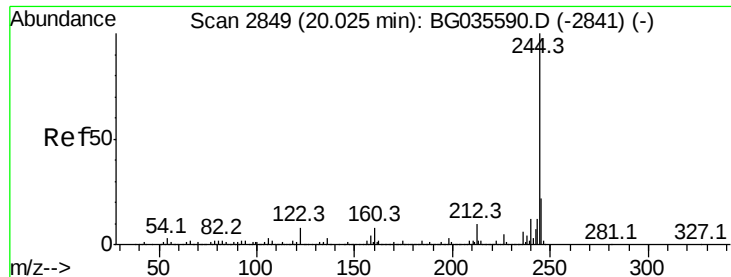
Tot Ion:188 Resp: 286843
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG036009.D
Acq: 31 Jul 2018 20:05

Tgt Ion:240 Resp: 326401
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 108.054 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036009.D

Acq: 31 Jul 2018 20:05

Instrument :

BNA_G

ClientSampleId :

SOIL-1

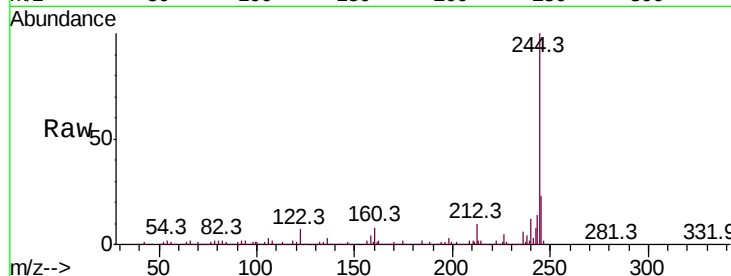
Tot Ion:244 Resp: 1600003

Ion Ratio Lower Upper

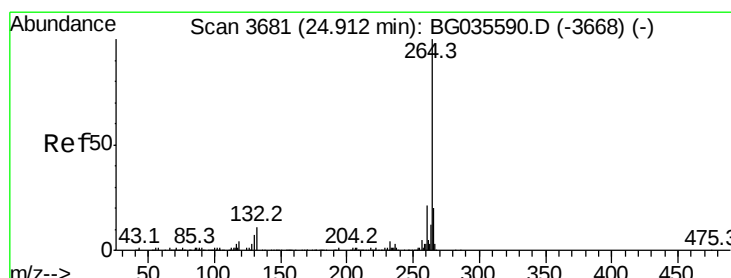
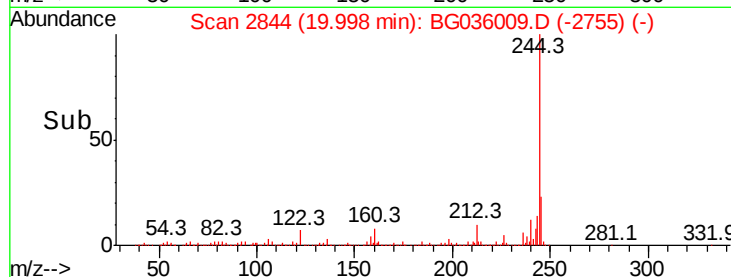
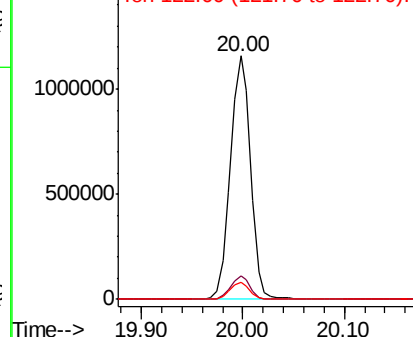
244 100

212 9.5 5.8 8.8#

122 7.1 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: BG036009.D

Acq: 31 Jul 2018 20:05

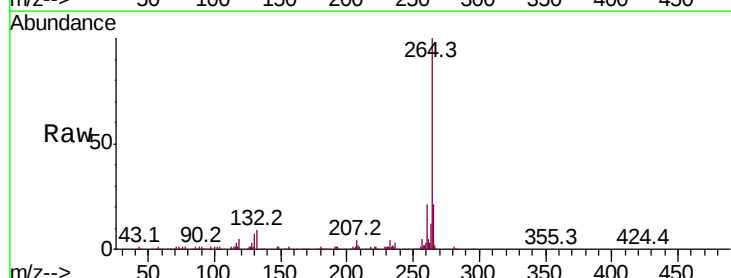
Tgt Ion:264 Resp: 298181

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 20.7 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

