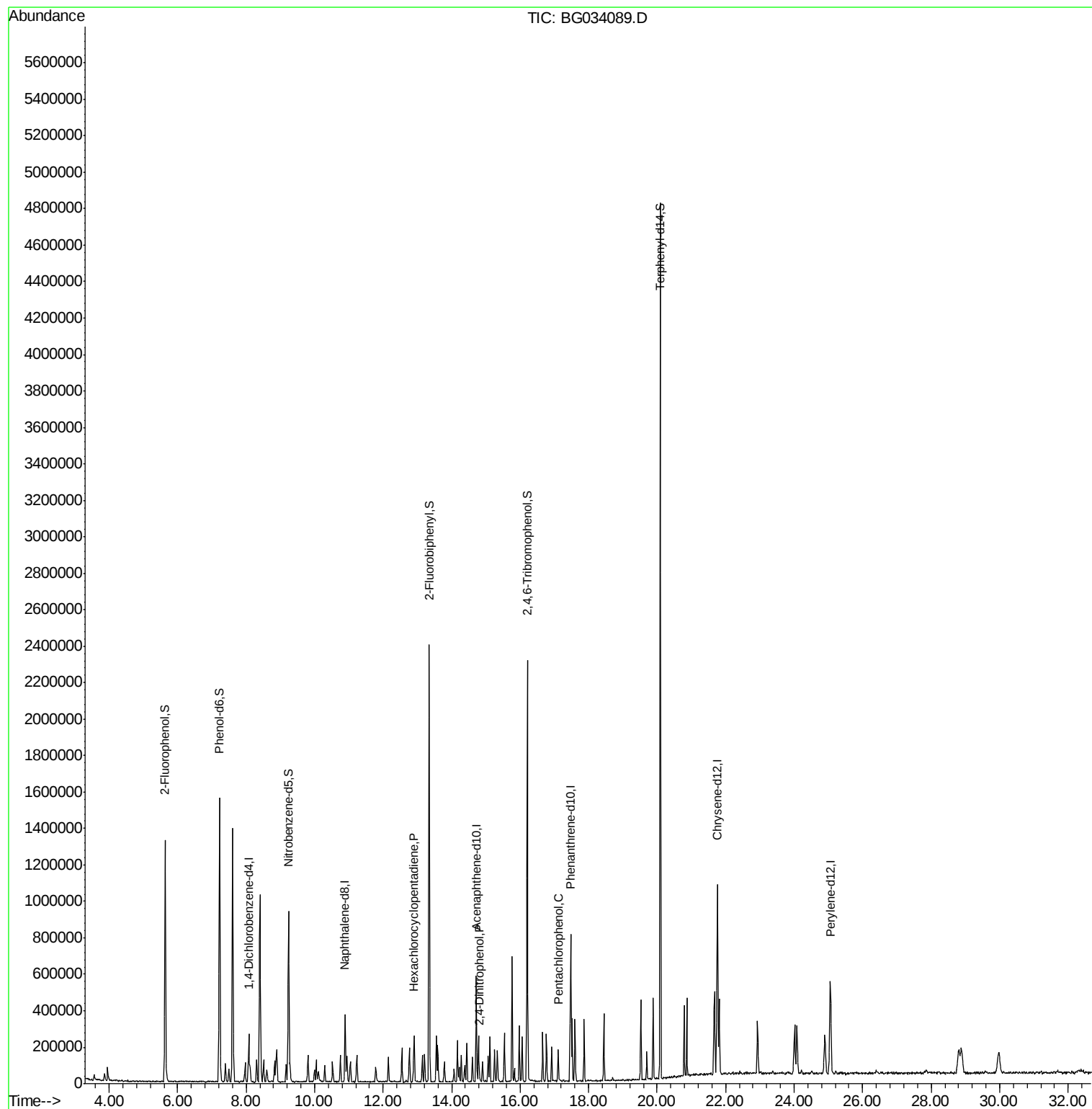
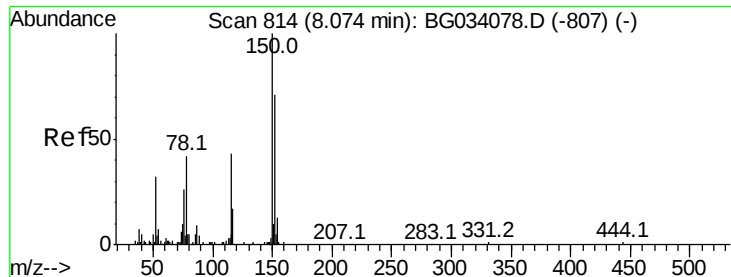


Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034089.D
Acq On : 1 May 2018 21:46
Operator : SJ/JU
Sample : J2133-01
Misc : 8PPM LOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Quant Time: May 02 05:53:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration



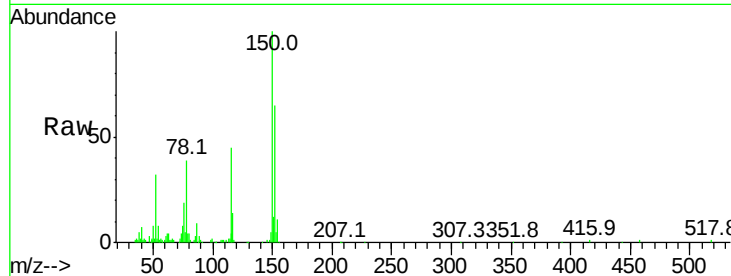


#1

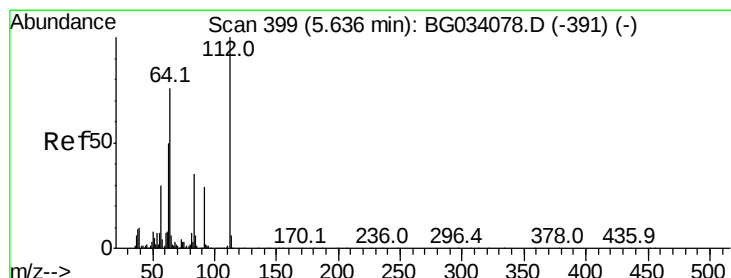
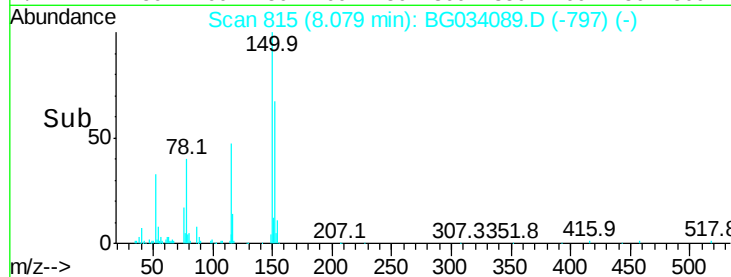
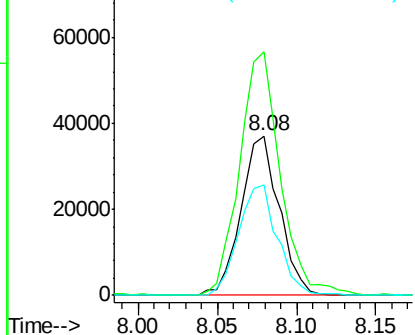
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.01 min
Lab File: BG034089.D
Acq: 1 May 2018 21:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Tot Ion:152 Resp: 61980
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 69.2 53.0 79.4



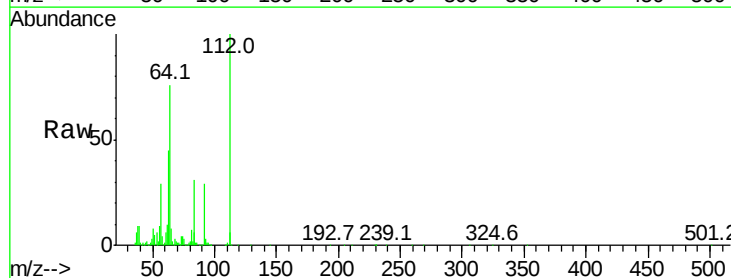
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



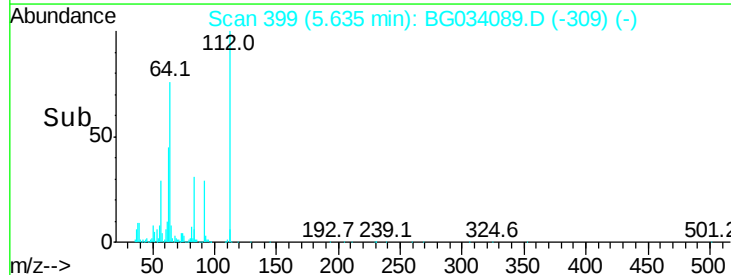
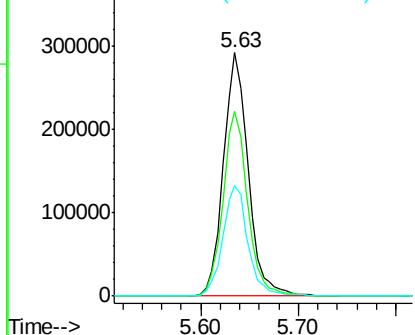
#5

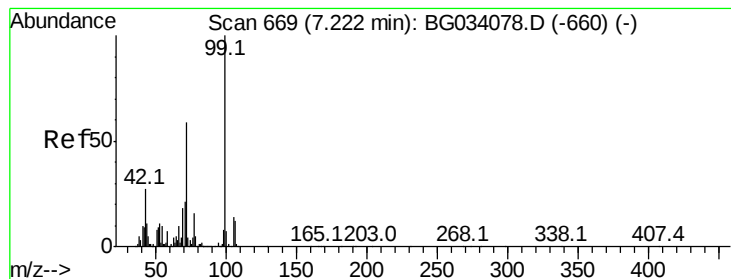
2-Fluorophenol
Concen: 134.176 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034089.D
Acq: 1 May 2018 21:46

Tgt Ion:112 Resp: 514735
Ion Ratio Lower Upper
112 100
64 75.7 56.3 84.5
63 45.4 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: 127.152 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

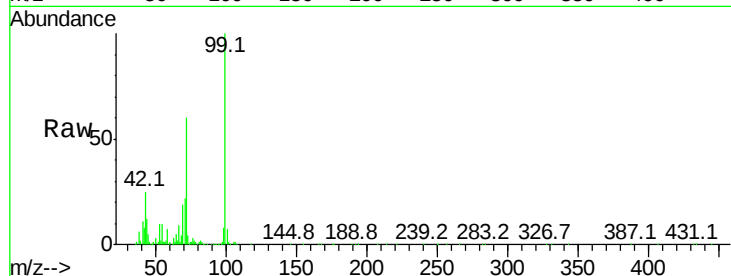
Tot Ion: 99 Resp: 759398

Ion Ratio Lower Upper

99 100

42 24.6 14.1 21.1#

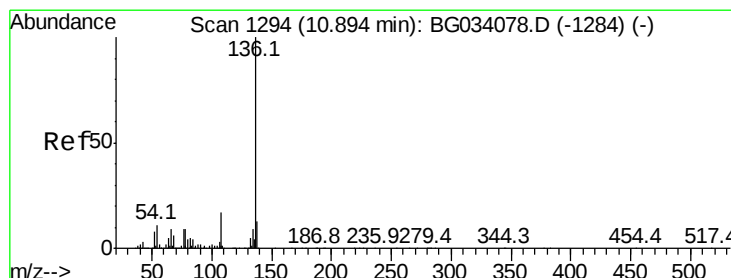
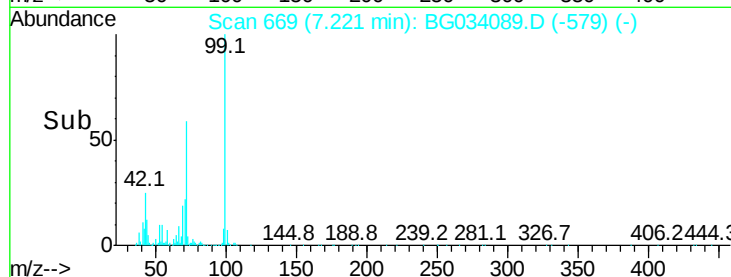
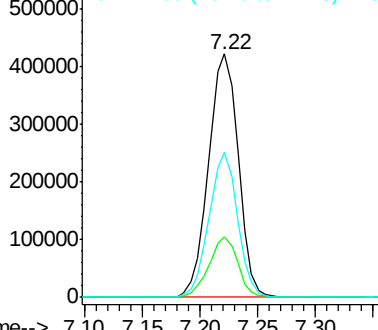
71 59.5 26.1 39.1#



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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

Tgt Ion:136 Resp: 259081

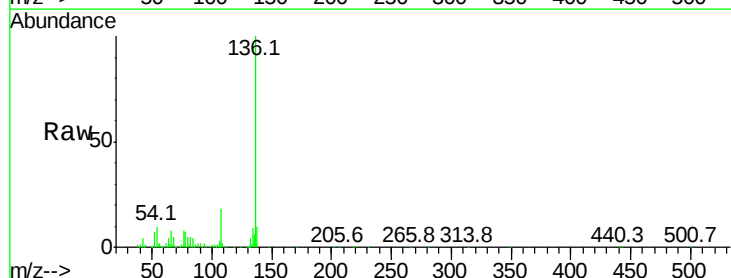
Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 9.7 10.3 15.5#

68 4.6 4.5 6.7

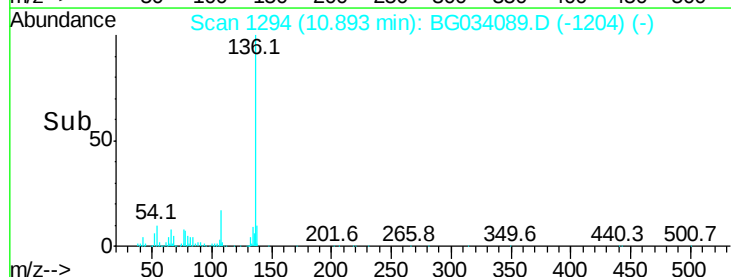
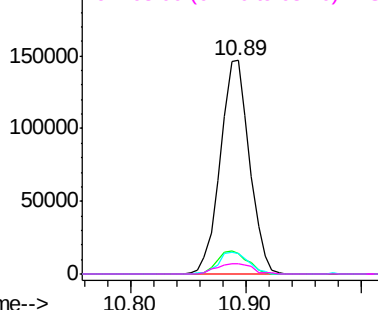


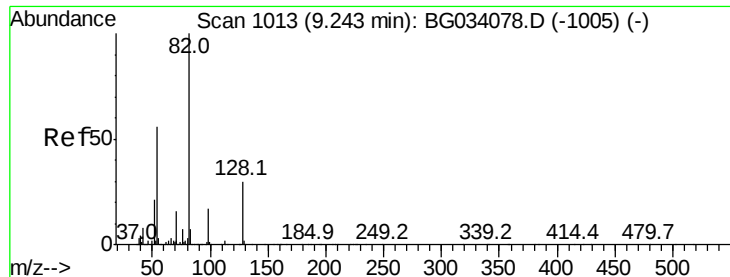
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

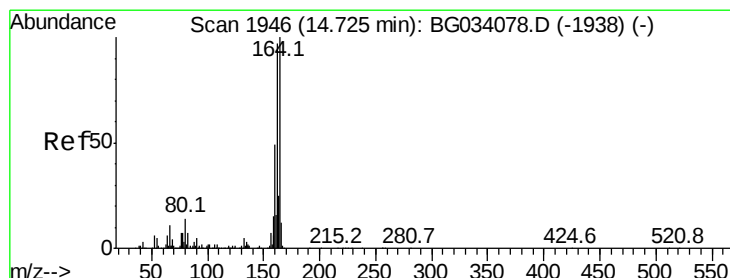
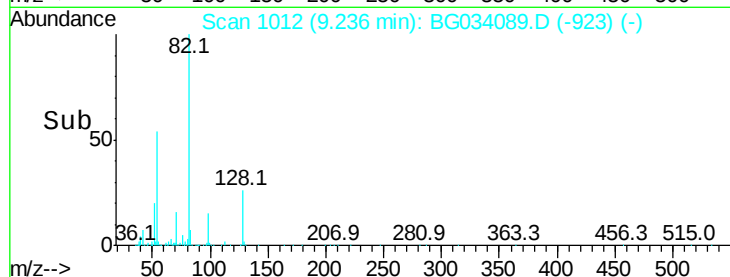
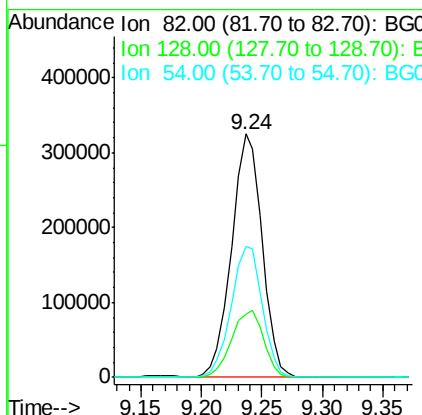
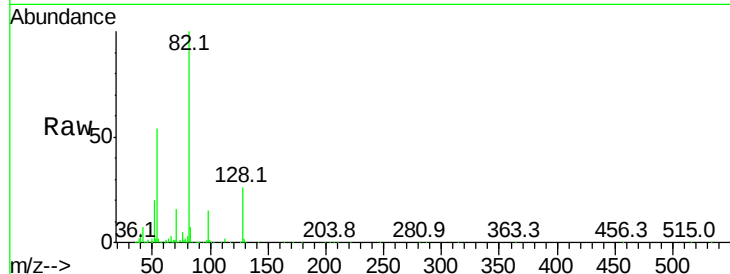




#23
 Nitrobenzene-d5
 Concen: 84.933 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034089.D
 Acq: 1 May 2018 21:46

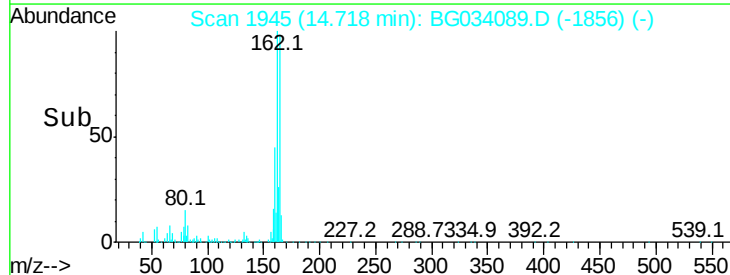
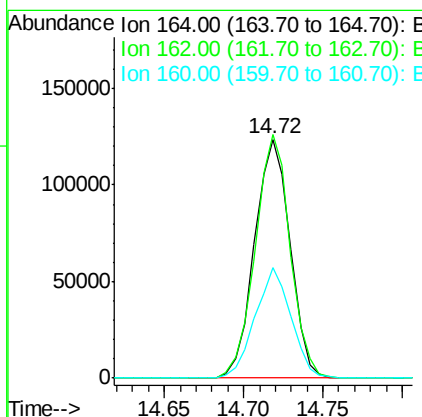
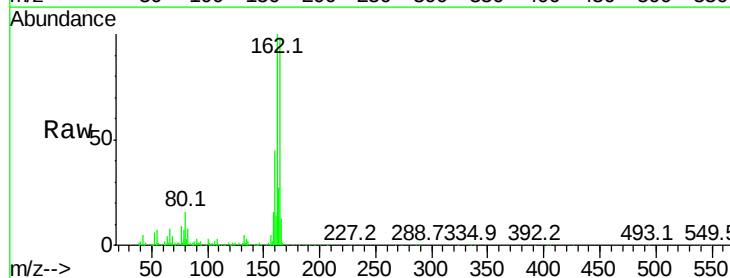
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

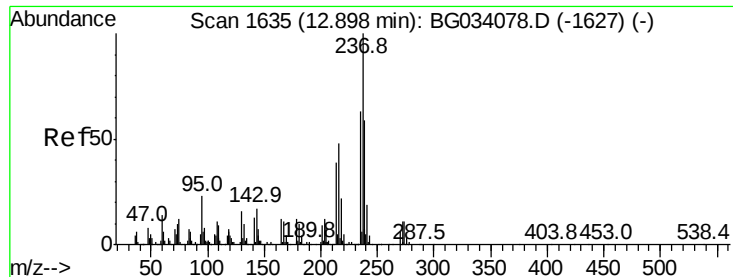
Tot Ion: 82 Resp: 573510
 Ion Ratio Lower Upper
 82 100
 128 26.0 29.7 44.5#
 54 53.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034089.D
 Acq: 1 May 2018 21:46

Tgt Ion:164 Resp: 193131
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 46.2 35.4 53.0





#40

Hexachlorocyclopentadiene

Concen: 7.535 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

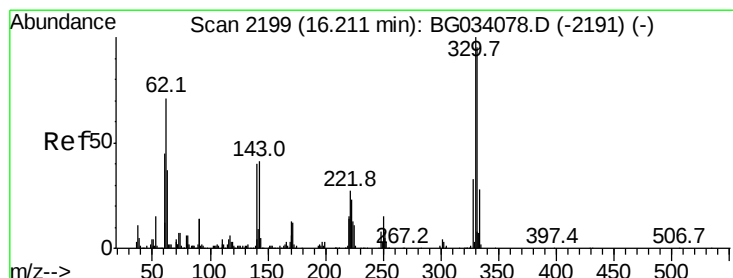
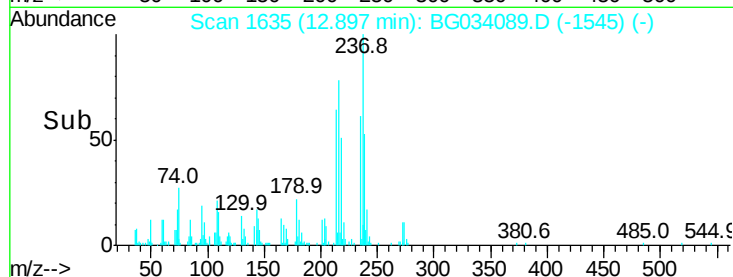
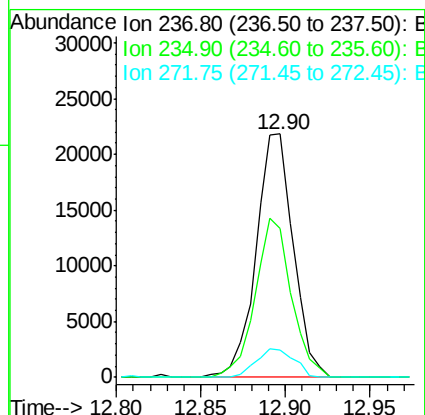
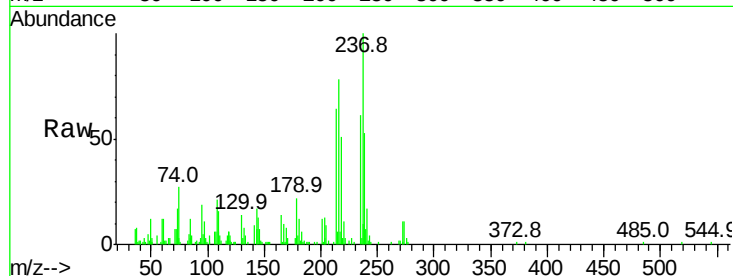
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

Tot Ion:	237	Resp:	33368
Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.4	90.4
272	11.2	0.0	31.8



#41

2,4,6-Tribromophenol

Concen: 132.201 ng

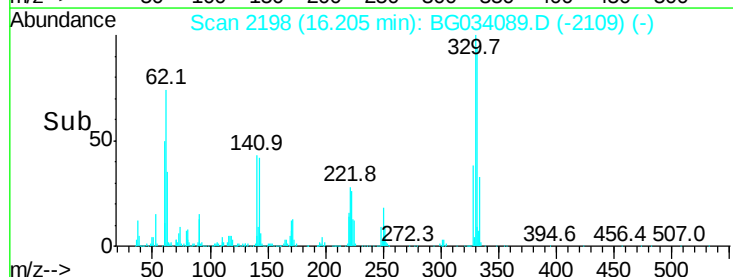
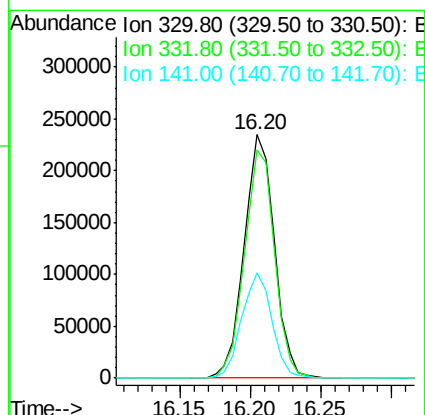
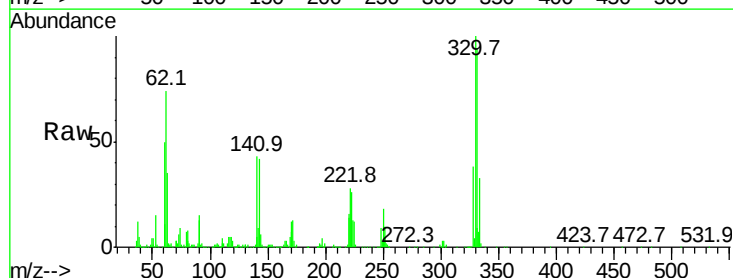
RT: 16.20 min Scan# 2198

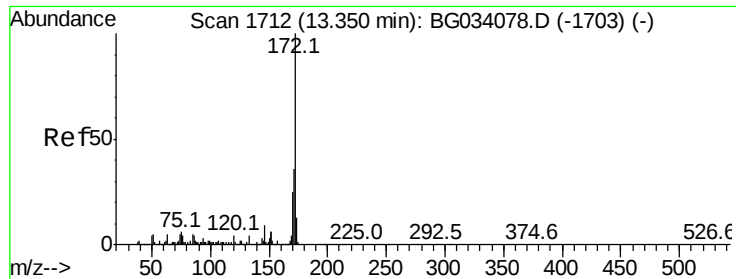
Delta R.T. -0.01 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

Tgt Ion:	330	Resp:	353546
Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	43.1	25.2	37.8#

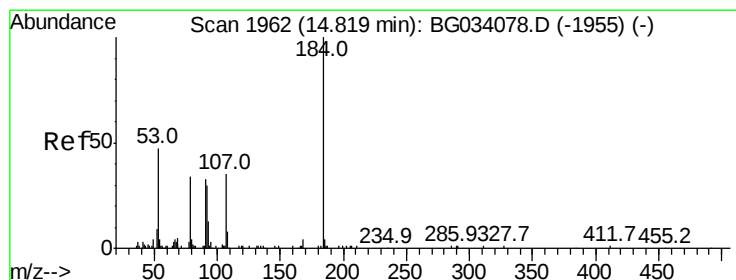
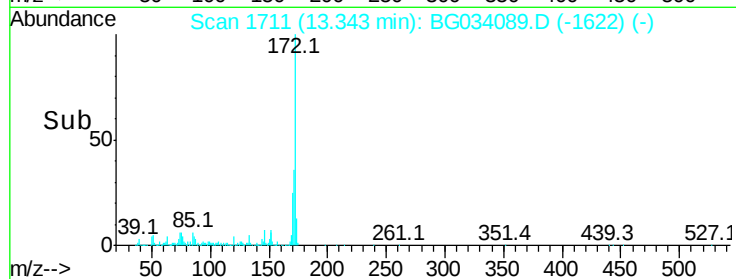
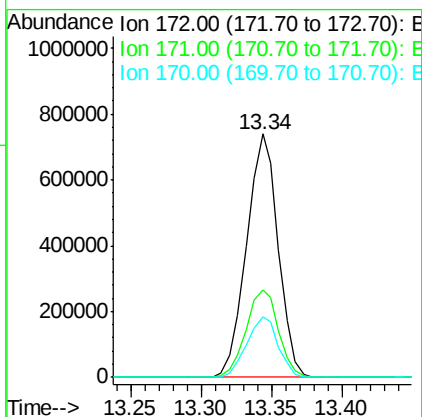
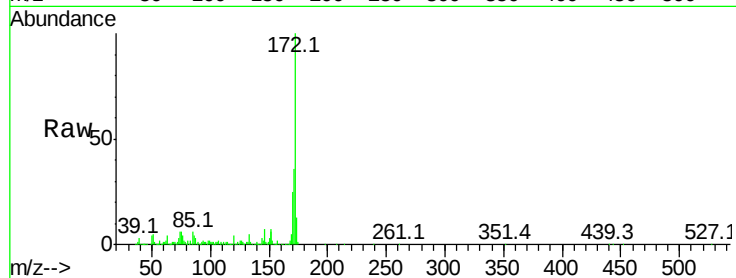




#44
2-Fluorobiphenyl
Concen: 87.159 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034089.D
Acq: 1 May 2018 21:46

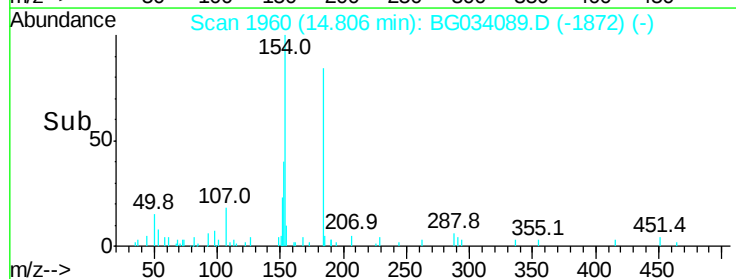
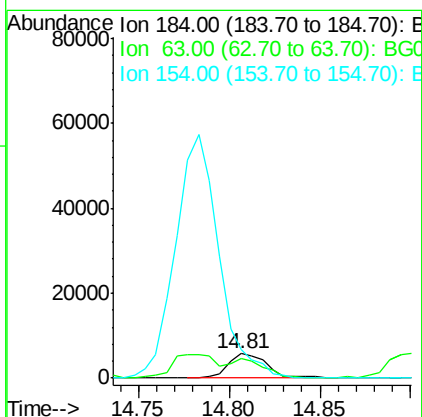
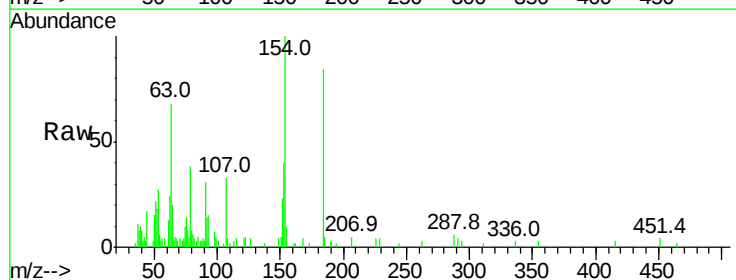
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

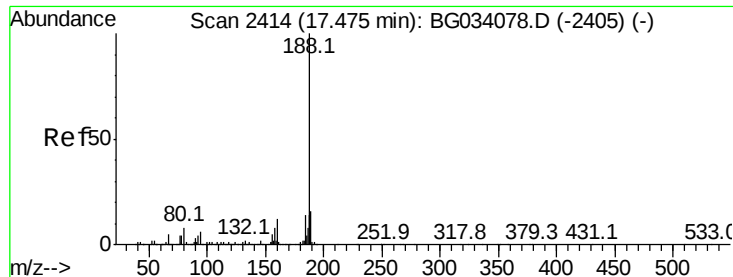
Tot Ion:172 Resp: 1155203
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 24.8 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 6.742 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG034089.D
Acq: 1 May 2018 21:46

Tgt Ion:184 Resp: 8484
Ion Ratio Lower Upper
184 100
63 81.5 59.8 89.8
154 119.4 101.8 152.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

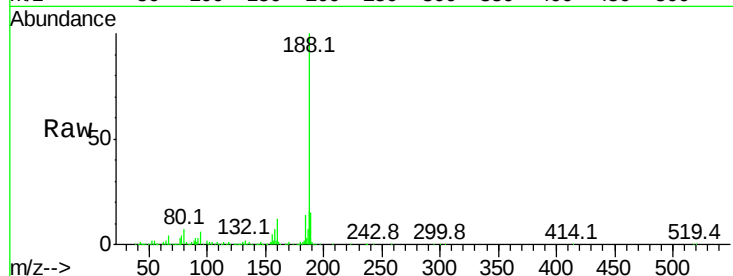
Tot Ion:188 Resp: 503446

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

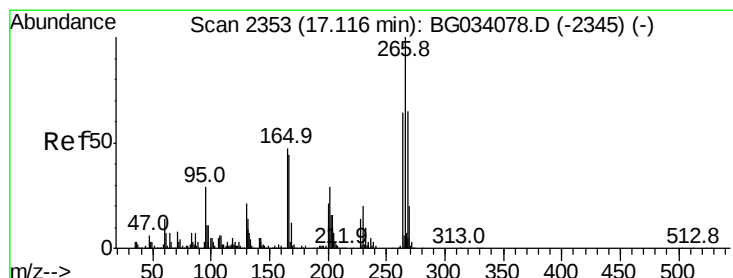
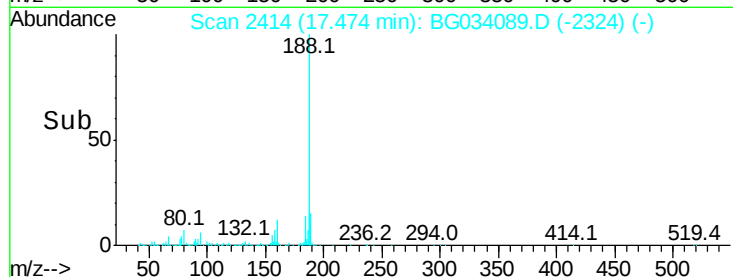
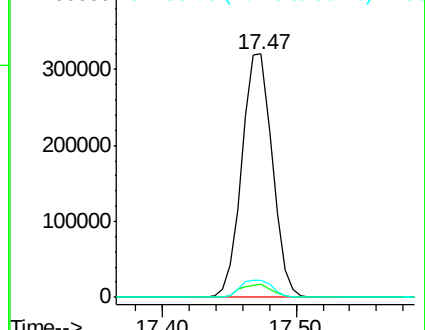
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#69

Pentachlorophenol

Concen: 7.003 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

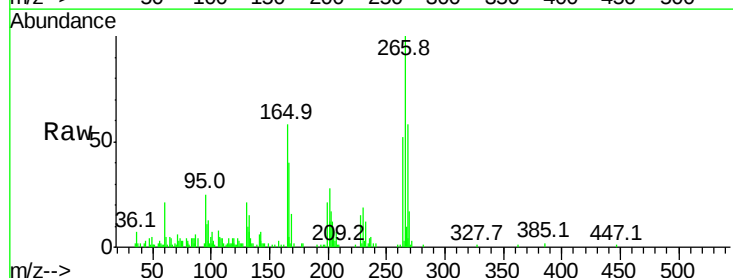
Tgt Ion:266 Resp: 30969

Ion Ratio Lower Upper

266 100

268 58.2 51.1 76.7

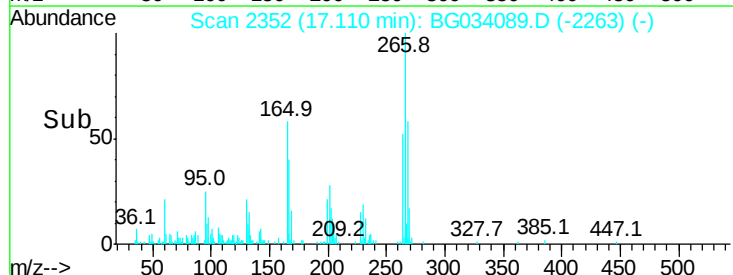
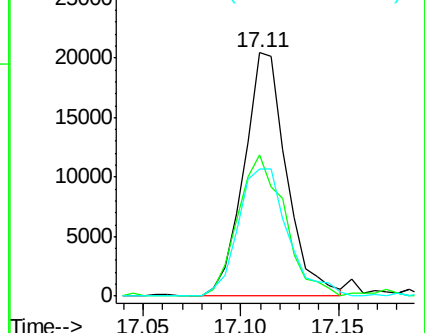
264 55.2 49.6 74.4

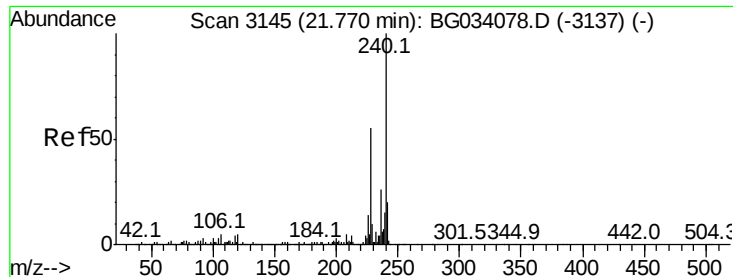


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034089.D

Acq: 1 May 2018 21:46

Instrument :

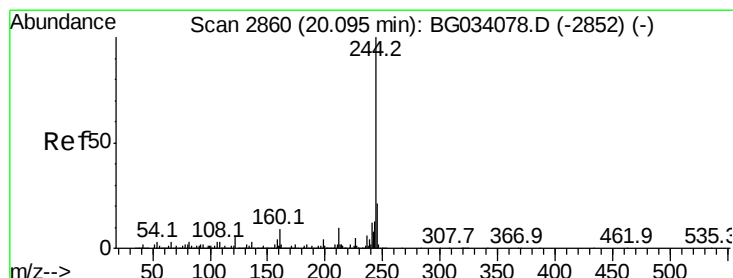
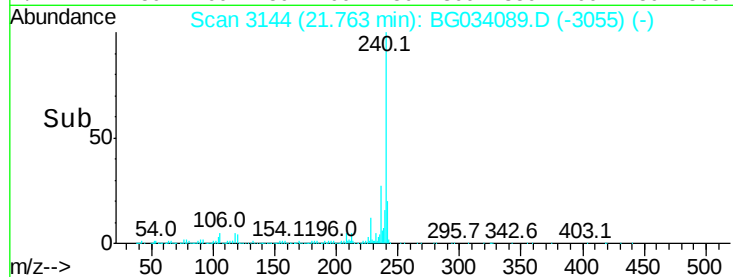
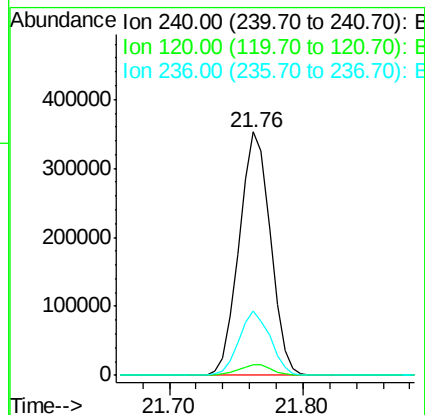
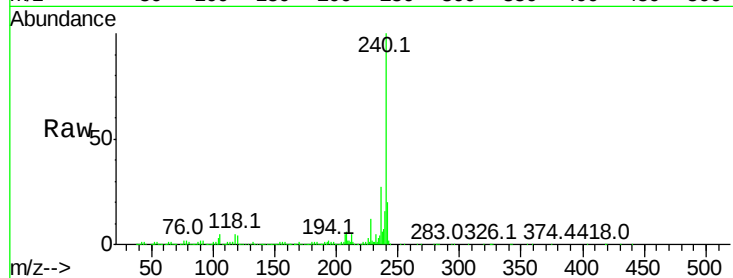
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

Tot Ion:240 Resp: 572107

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	26.7	20.9	31.3



#78

Terphenyl-d14

Concen: 82.899 ng

RT: 20.09 min Scan# 2859

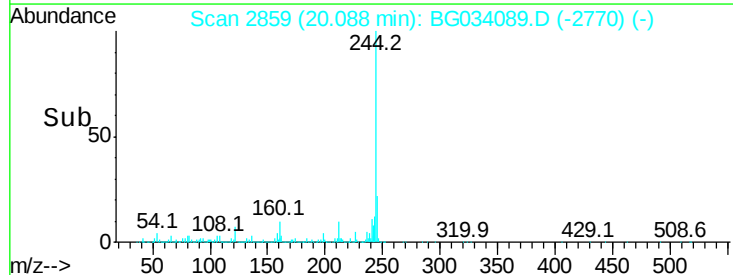
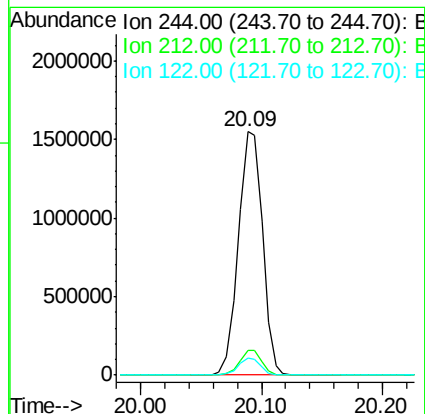
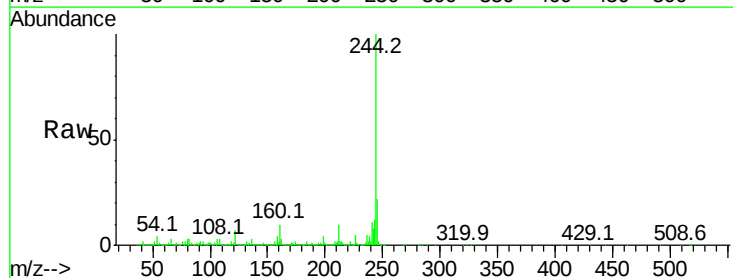
Delta R.T. -0.01 min

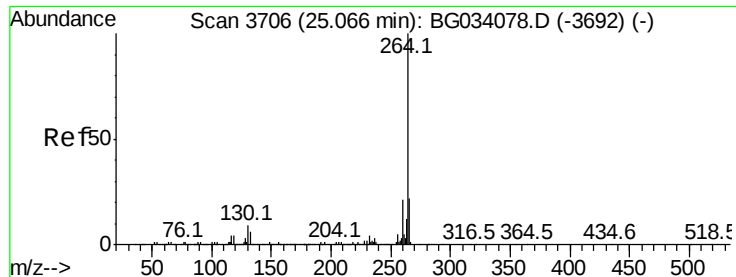
Lab File: BG034089.D

Acq: 1 May 2018 21:46

Tgt Ion:244 Resp: 2164956

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	6.9	7.0	10.4#



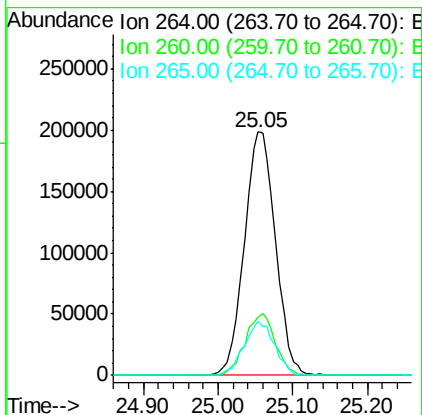
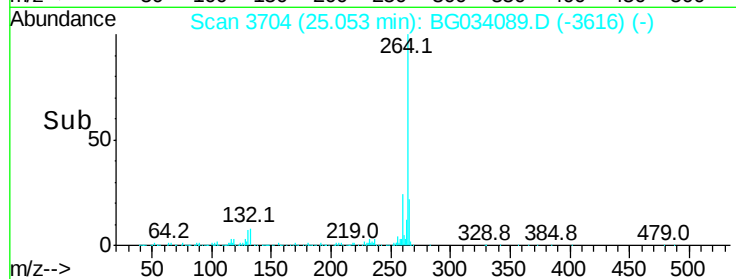
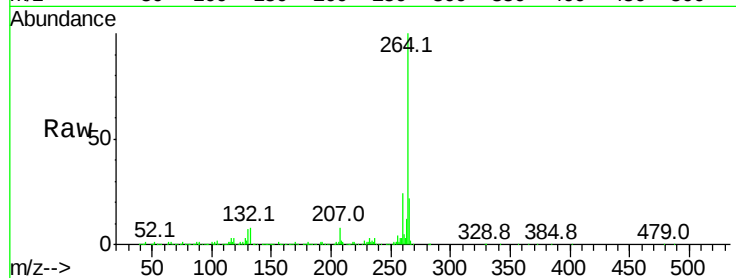


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG034089.D
Acq: 1 May 2018 21:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Tot Ion:264 Resp: 572613

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.1	17.7	26.5



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034089.D
 Acq On : 1 May 2018 21:46
 Operator : SJ/JU
 Sample : J2133-01
 Misc : 8PPM LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Quant Time: May 02 05:53:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	61980	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	259081	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	193131	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	503446	20.00	ng	0.00
75) Chrysene-d12	21.76	240	572107	20.00	ng	0.00
86) Perylene-d12	25.05	264	572613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	514735	134.18	ng	0.00
7) Phenol-d6	7.22	99	759398	127.15	ng	0.00
23) Nitrobenzene-d5	9.24	82	573510	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	353546	132.20	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1155203	87.16	ng	0.00
78) Terphenyl-d14	20.09	244	2164956	82.90	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.90	237	33368	7.535	ng	90
53) 2,4-Dinitrophenol	14.81	184	8484	6.742	ng	93
69) Pentachlorophenol	17.11	266	30969	7.003	ng	92

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