

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035242.D
 Acq On : 19 Jun 2018 7:30
 Operator : SJ/JU
 Sample : J3551-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 19 11:11:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52849	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	183055	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	104792	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	333499	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	274859	20.00	ng	-0.02
86) Perylene-d12	24.92	264	55642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448046	143.07	ng	0.00
7) Phenol-d6	7.22	99	542032	117.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	462413	120.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	315634	235.29	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1026387	127.33	ng	-0.02
78) Terphenyl-d14	20.04	244	1870756	142.57	ng	-0.01

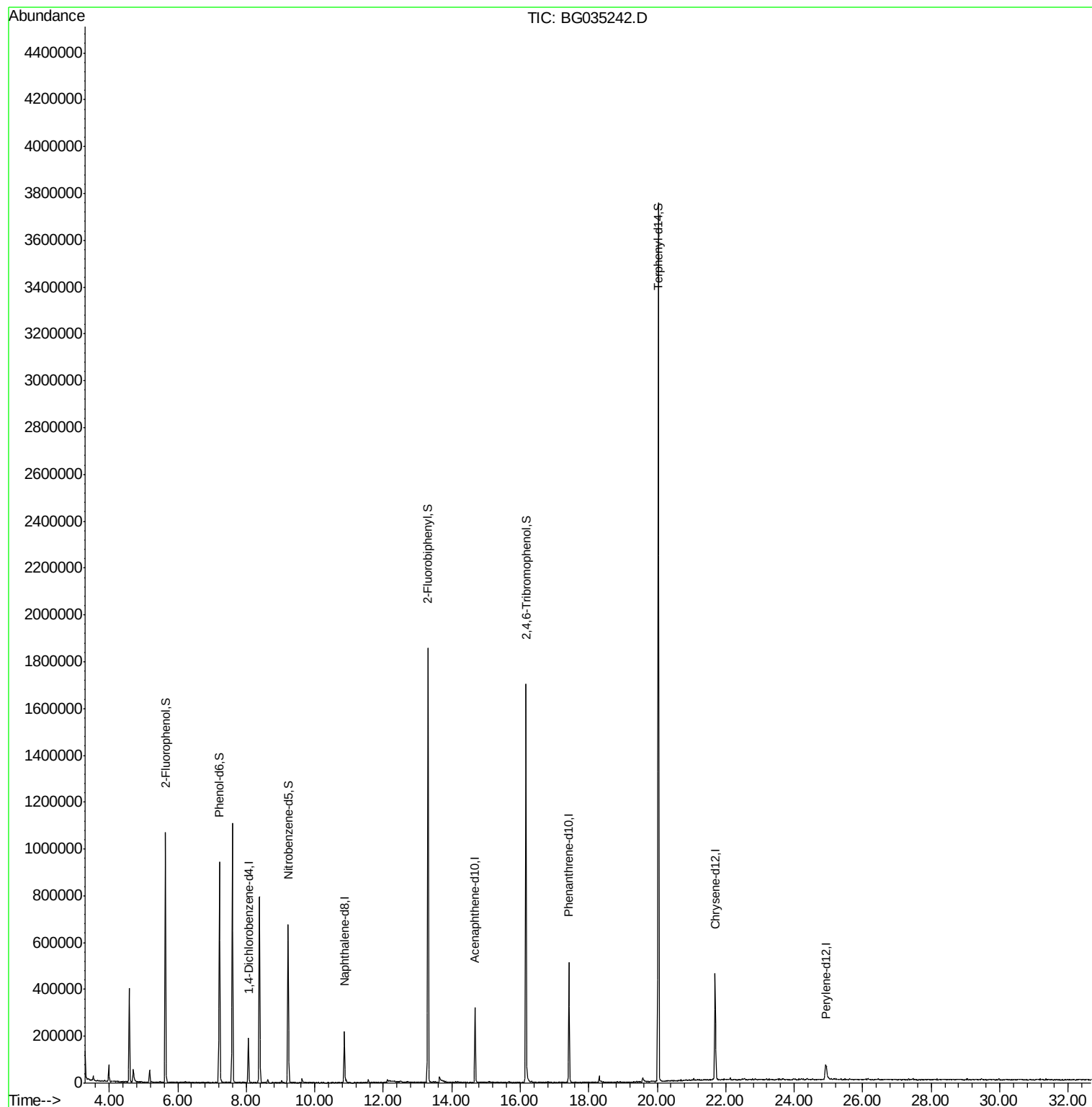
Target Compounds Qvalue

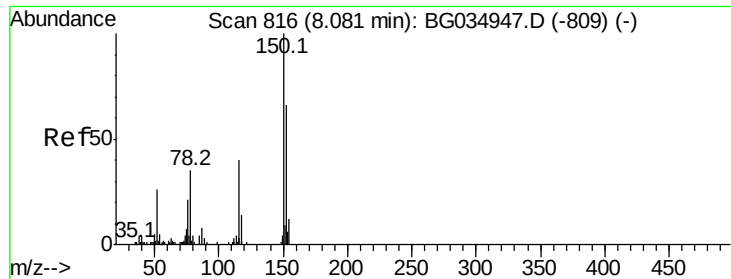
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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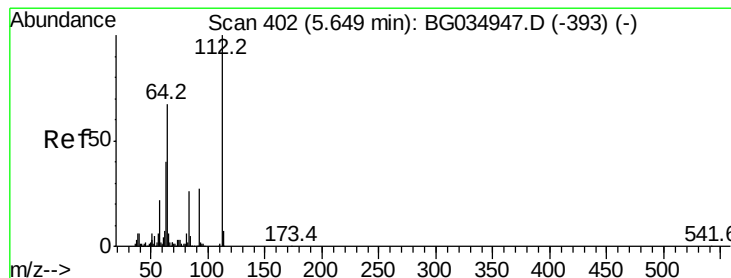
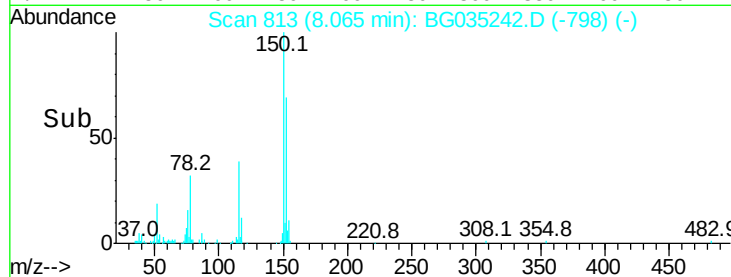
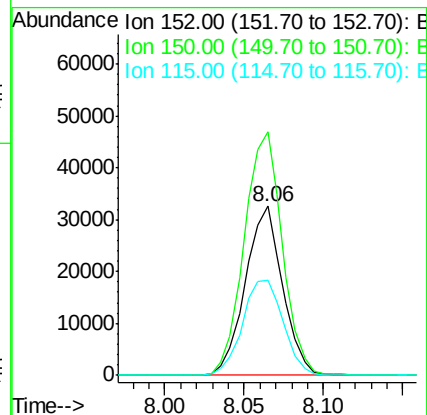
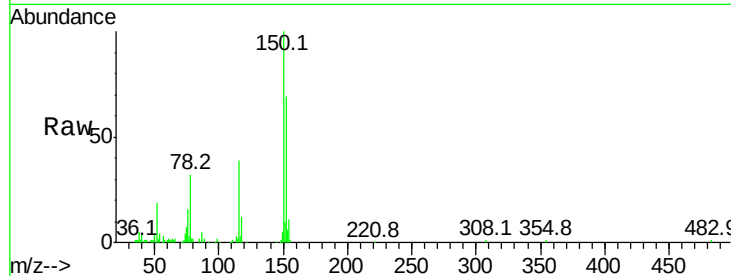


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

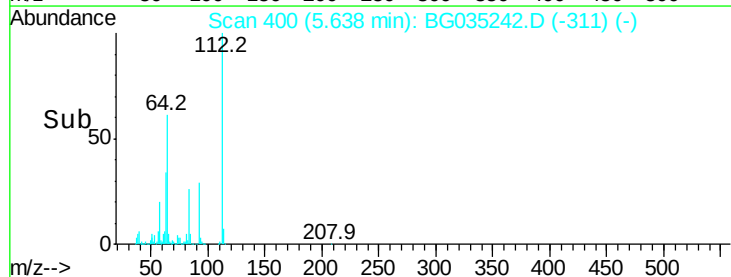
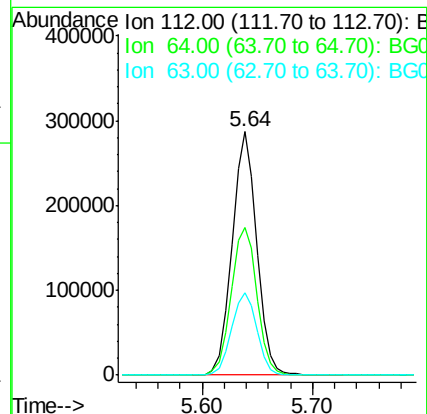
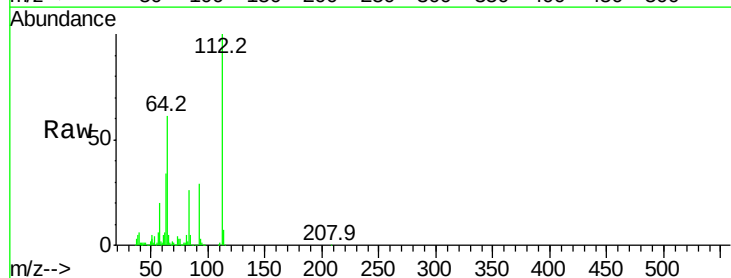
Tot Ion:152 Resp: 52849
 Ion Ratio Lower Upper
 152 100
 150 144.1 126.6 189.8
 115 56.2 53.0 79.4

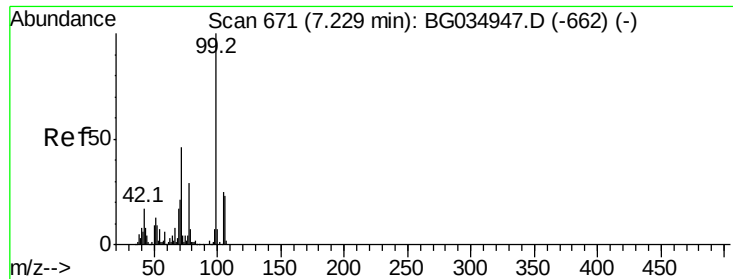


#5

2-Fluorophenol
 Concen: 143.073 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Tgt Ion:112 Resp: 448046
 Ion Ratio Lower Upper
 112 100
 64 60.7 56.3 84.5
 63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 117.271 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035242.D

Acq: 19 Jun 2018 7:30

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

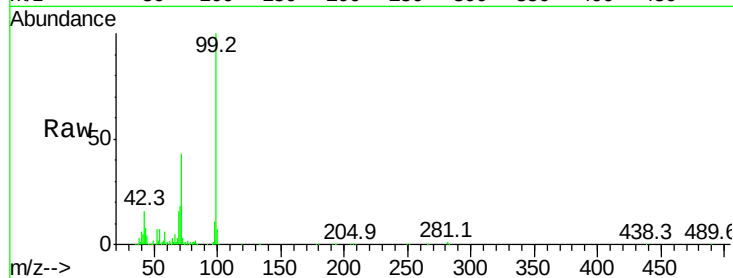
Tot Ion: 99 Resp: 542032

Ion Ratio Lower Upper

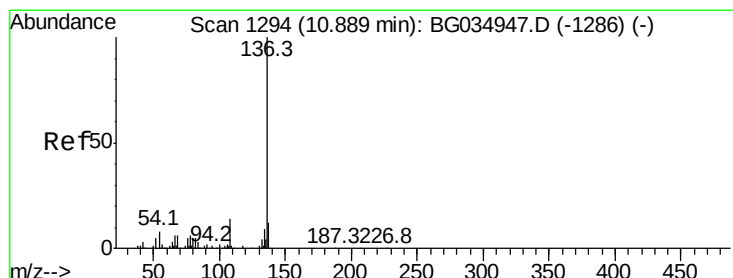
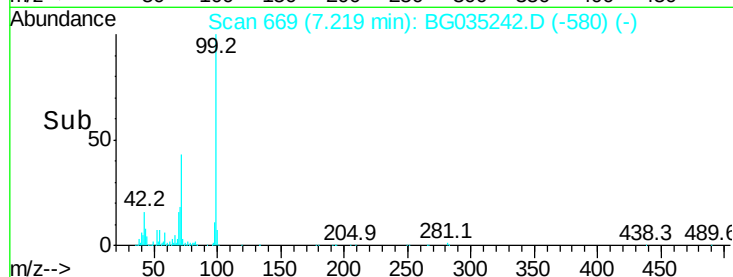
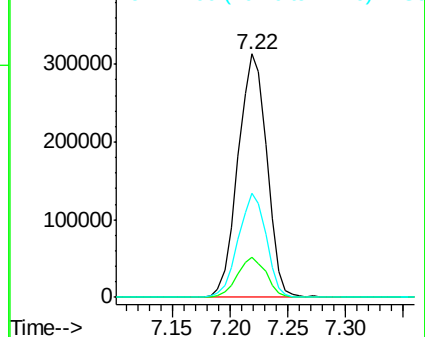
99 100

42 16.2 14.1 21.1

71 42.8 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035242.D

Acq: 19 Jun 2018 7:30

Tgt Ion: 136 Resp: 183055

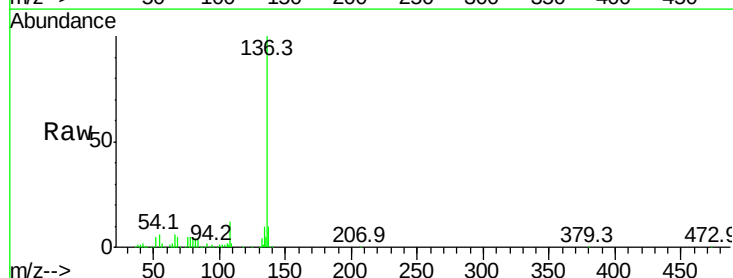
Ion Ratio Lower Upper

136 100

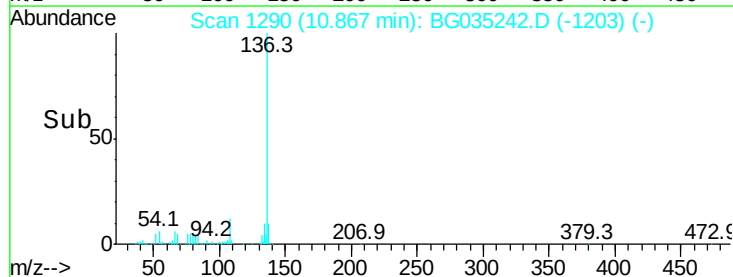
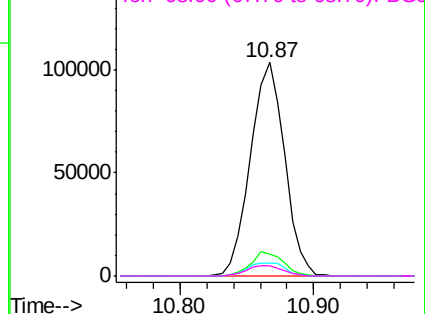
137 10.3 9.2 13.8

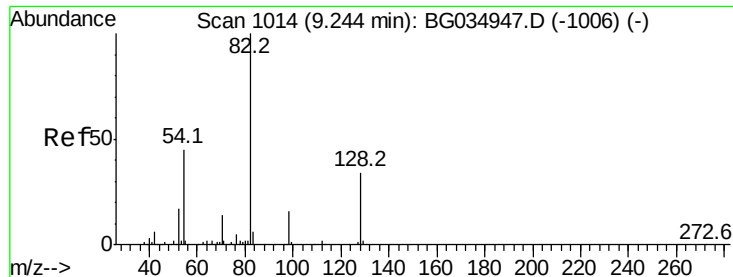
54 5.9 10.3 15.5#

68 5.0 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: 120.076 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035242.D

Acq: 19 Jun 2018 7:30

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

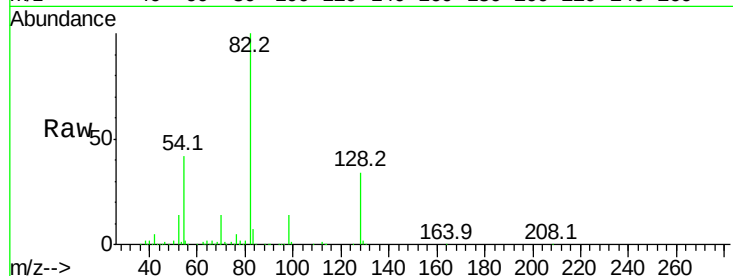
Tot Ion: 82 Resp: 462413

Ion Ratio Lower Upper

82 100

128 33.6 29.7 44.5

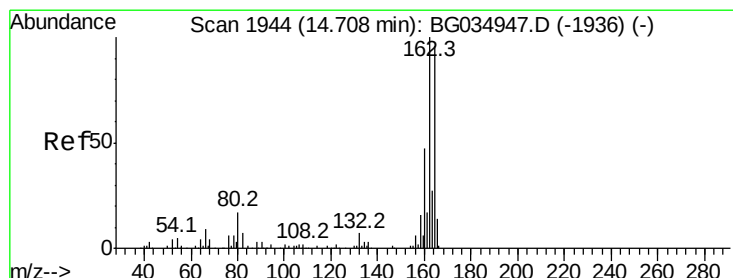
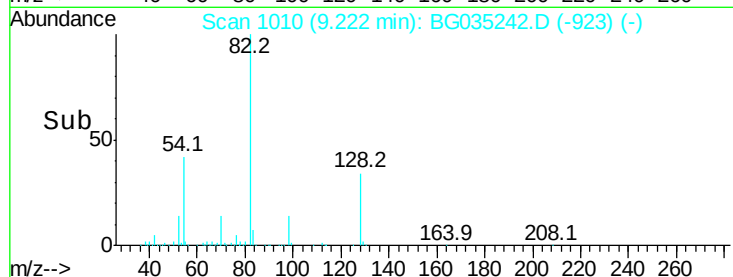
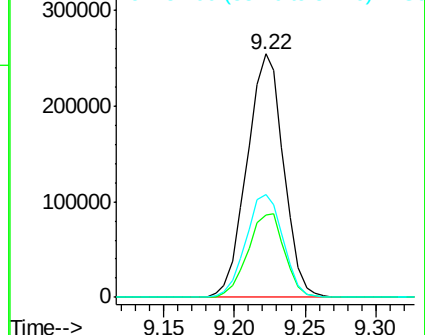
54 42.3 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035242.D

Acq: 19 Jun 2018 7:30

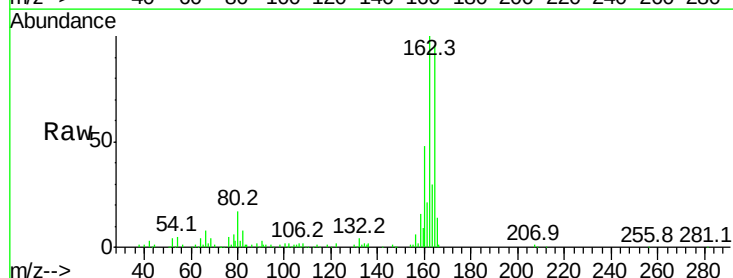
Tgt Ion:164 Resp: 104792

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

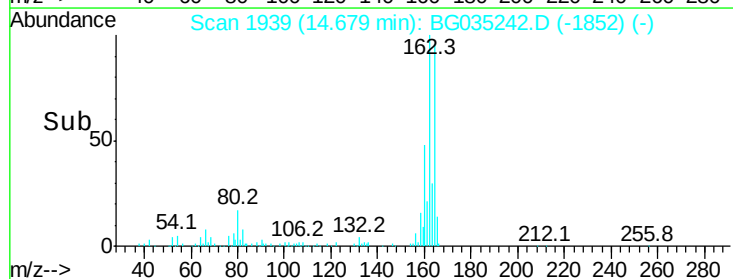
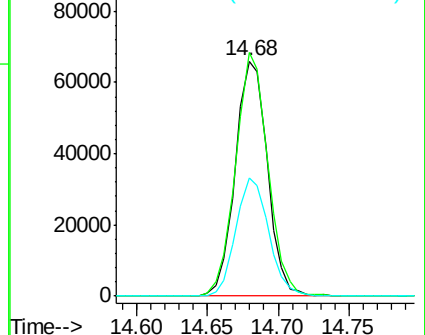
160 50.2 35.4 53.0

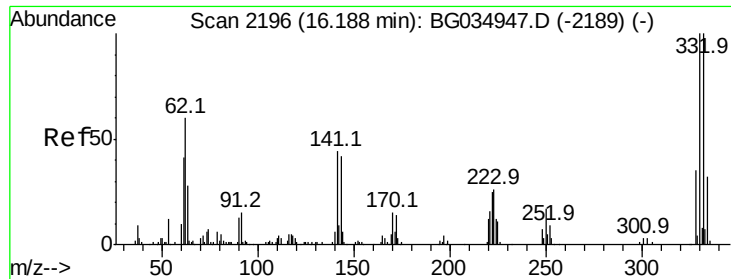


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

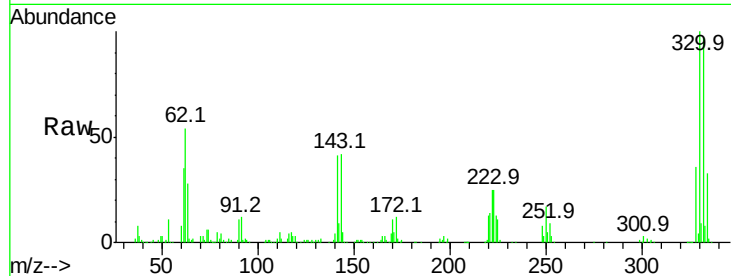




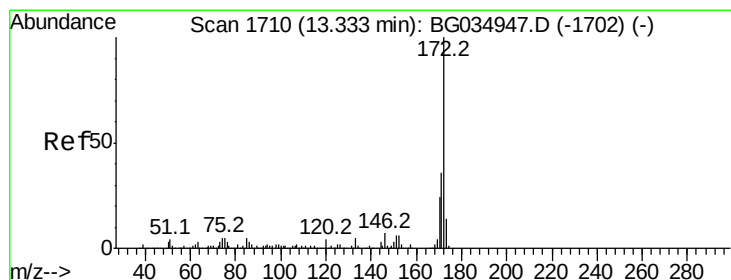
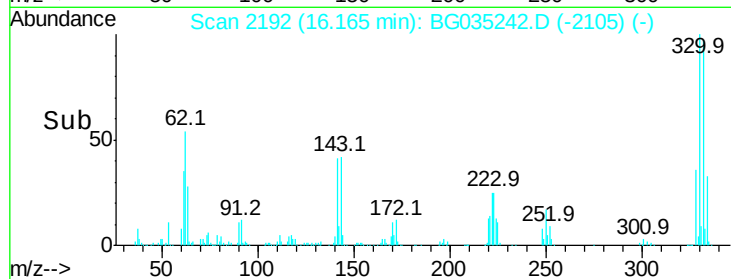
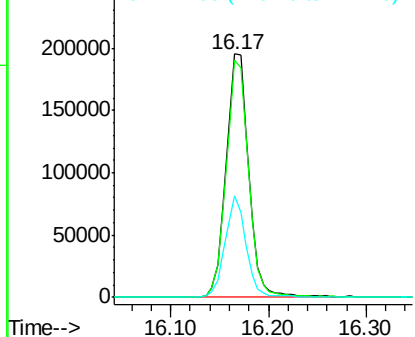
#41
 2,4,6-Tribromophenol
 Concen: 235.290 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Instrument :
 BNA_G
 ClientSampled :
 OILY-SOIL

Tot Ion:330 Resp: 315634
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.7 25.2 37.8#

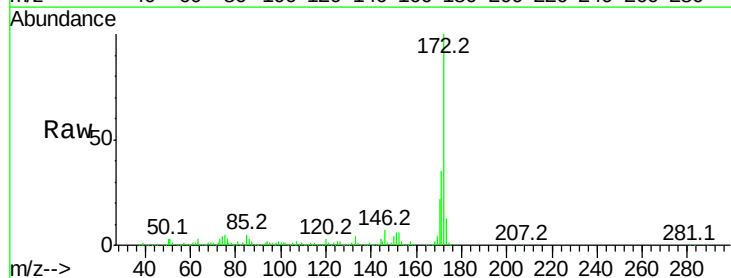


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

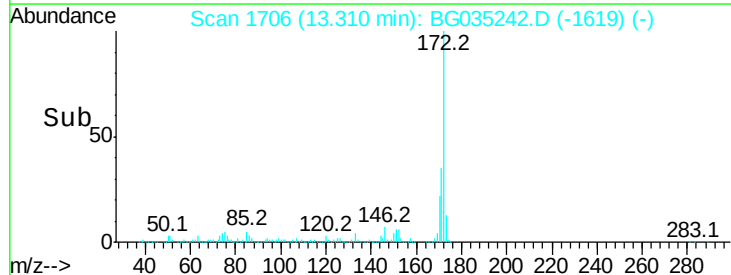
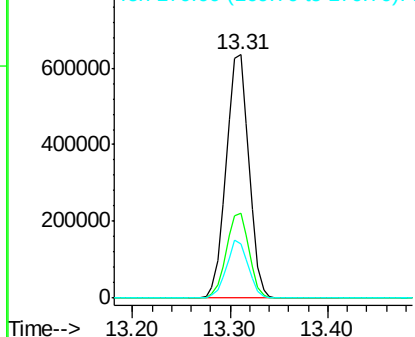


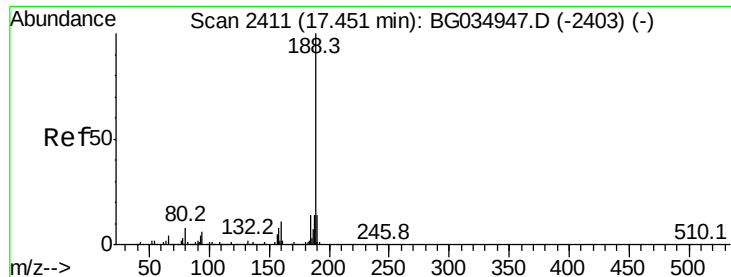
#44
 2-Fluorobiphenyl
 Concen: 127.328 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Tgt Ion:172 Resp: 1026387
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 22.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

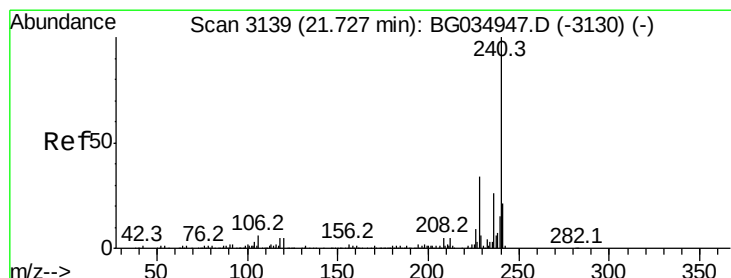
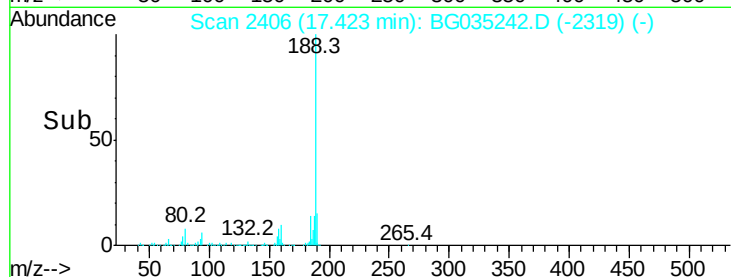
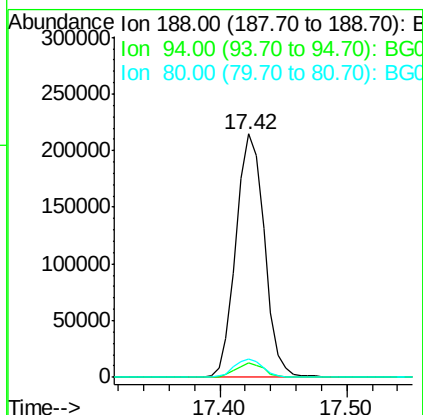
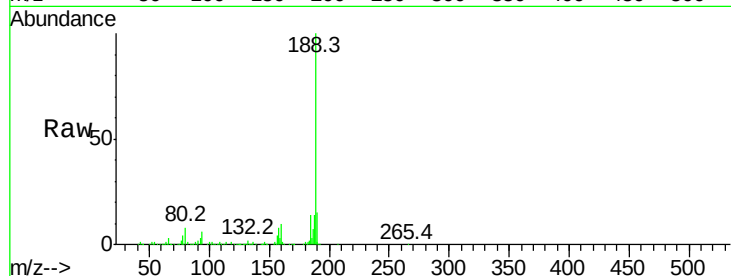




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035242.D
Acq: 19 Jun 2018 7:30

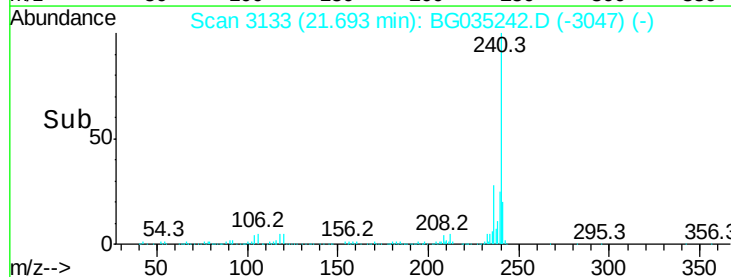
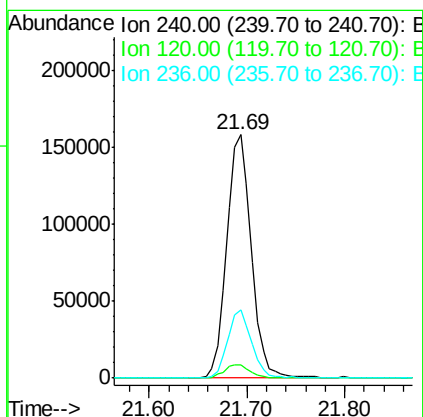
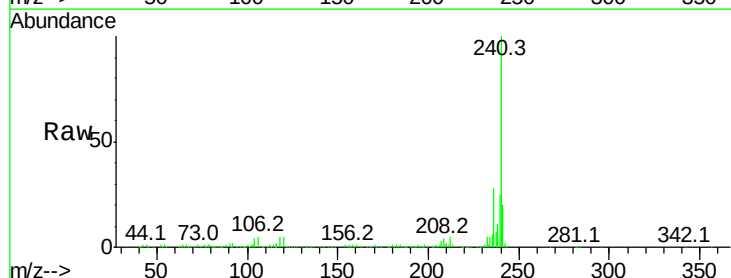
Instrument :
BNA_G
ClientSampled :
OILY-SOIL

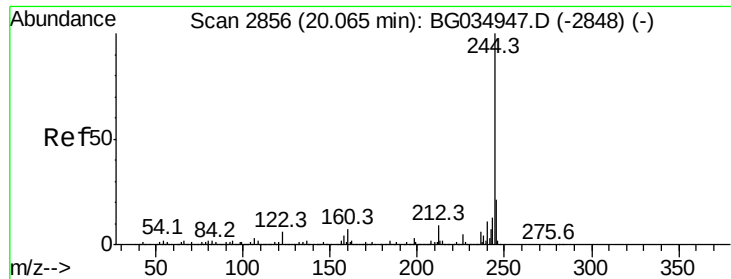
Tot Ion:188 Resp: 333499
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035242.D
Acq: 19 Jun 2018 7:30

Tgt Ion:240 Resp: 274859
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 28.0 20.9 31.3

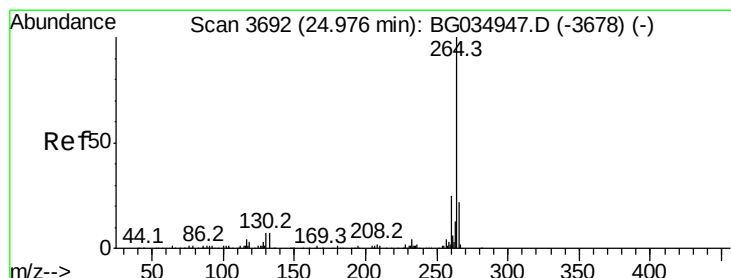
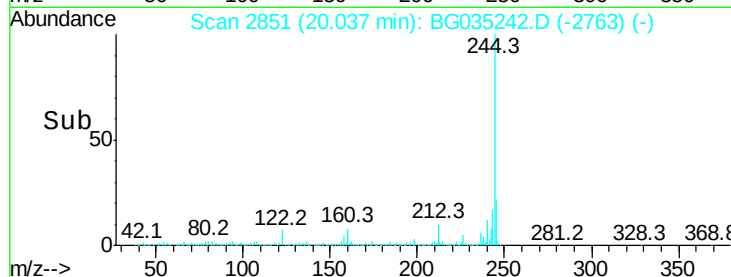
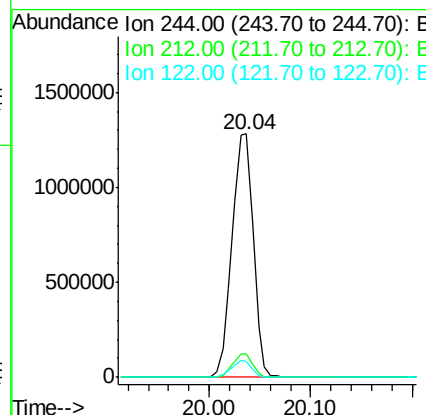
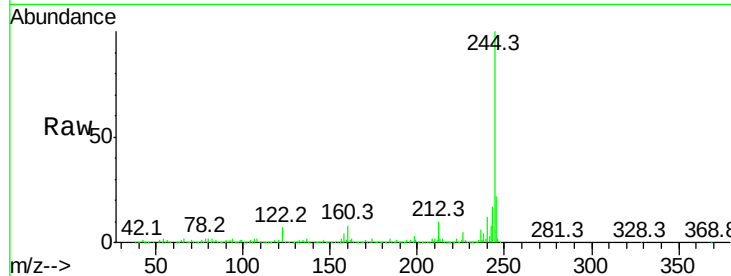




#78
 Terphenyl-d14
 Concen: 142.569 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Tot Ion:244 Resp: 1870756
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035242.D
 Acq: 19 Jun 2018 7:30

Tgt Ion:264 Resp: 55642
 Ion Ratio Lower Upper
 264 100
 260 28.0 17.4 26.0#
 265 24.0 17.7 26.5

