

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035185.D
 Acq On : 15 Jun 2018 23:36
 Operator : SJ/JU
 Sample : J3518-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 00:51:37 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

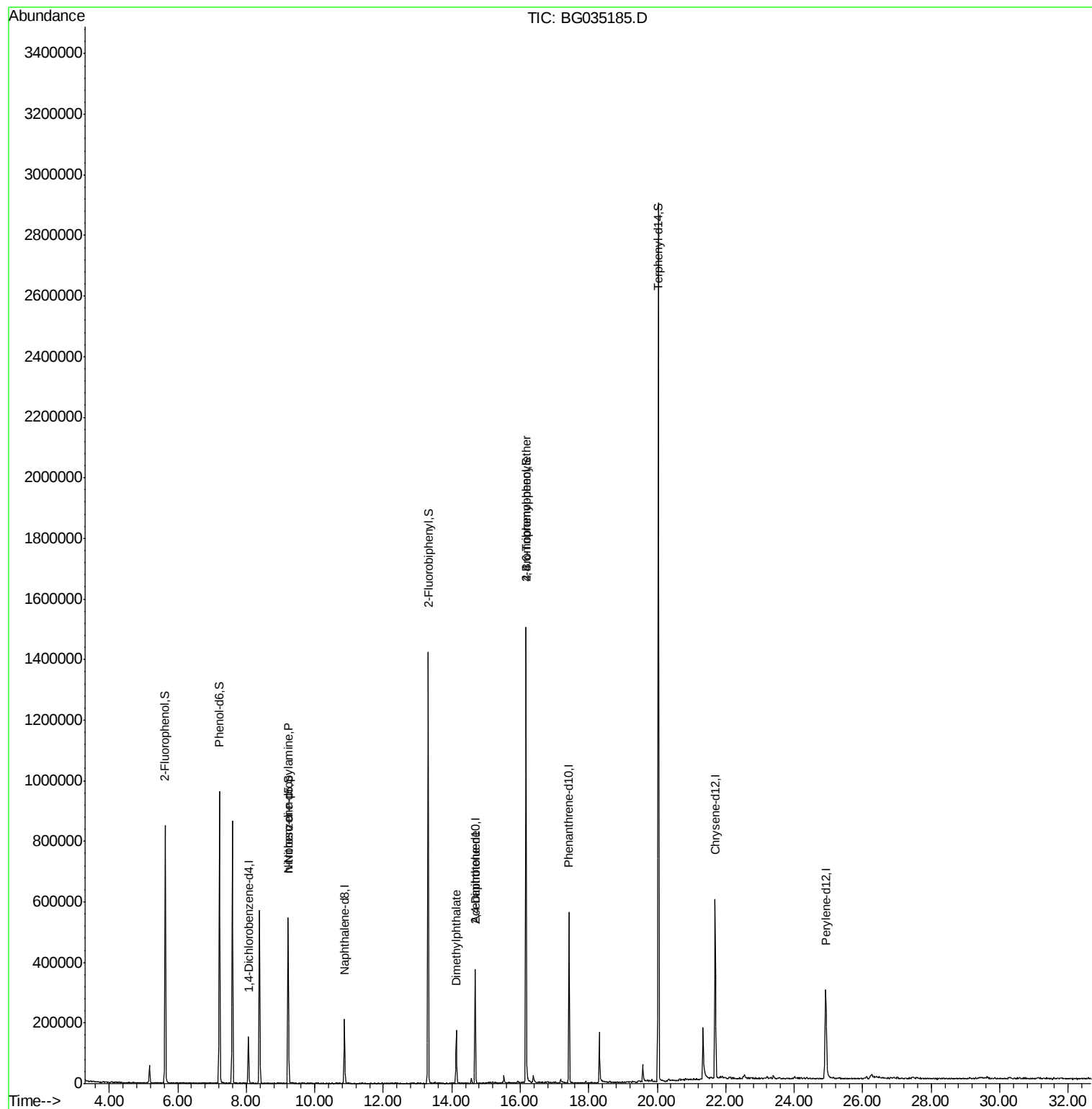
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44511	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	171694	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	130133	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	355844	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	379919	20.00	ng	-0.02
86) Perylene-d12	24.92	264	362140	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	367487	139.33	ng	0.00
7) Phenol-d6	7.22	99	579941	148.98	ng	0.00
23) Nitrobenzene-d5	9.22	82	368127	101.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	281187	168.79	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	758438	75.77	ng	-0.02
78) Terphenyl-d14	20.04	244	1410921	77.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50818	15.366	ng	# 68
49) Dimethylphthalate	14.13	163	113797	10.028	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	17211	6.258	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	23095	5.389	ng	# 1

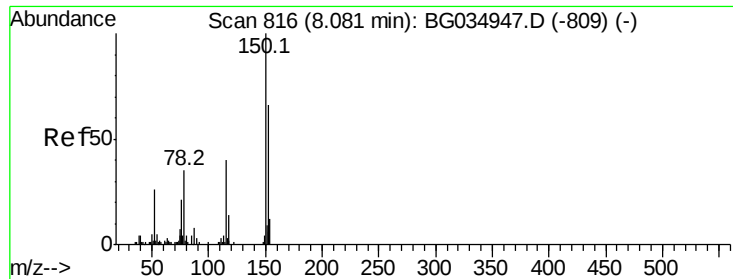
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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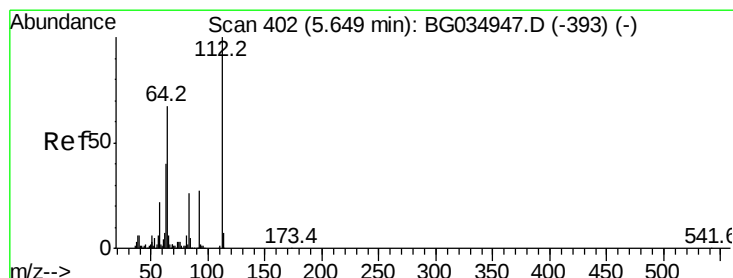
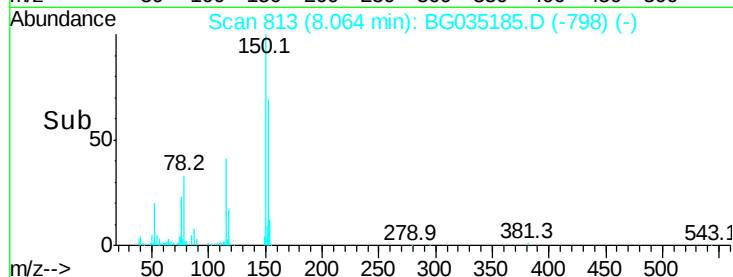
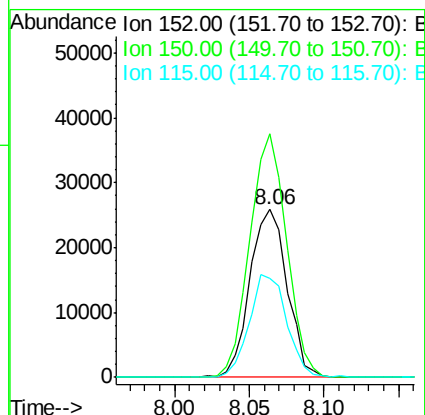
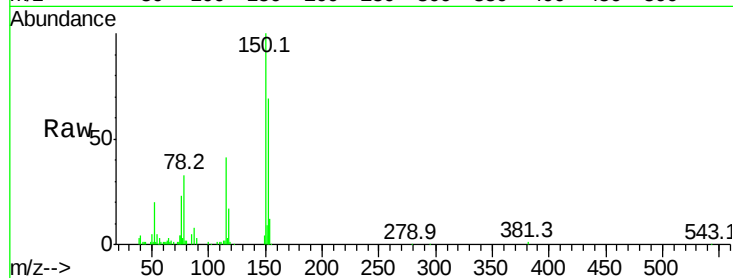


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Instrument :
BNA_G
ClientSampleId :

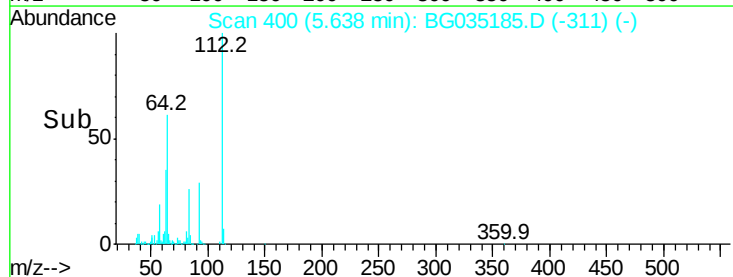
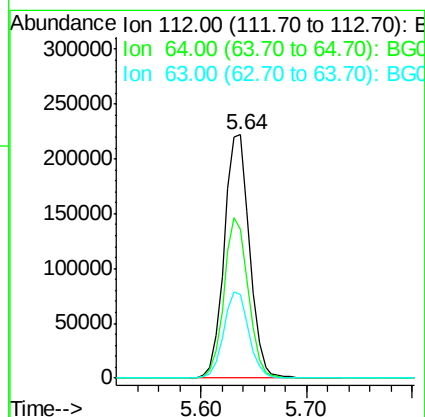
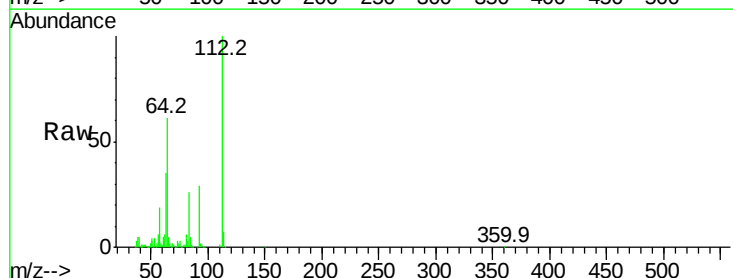
Tot Ion:152 Resp: 44511
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 59.2 53.0 79.4

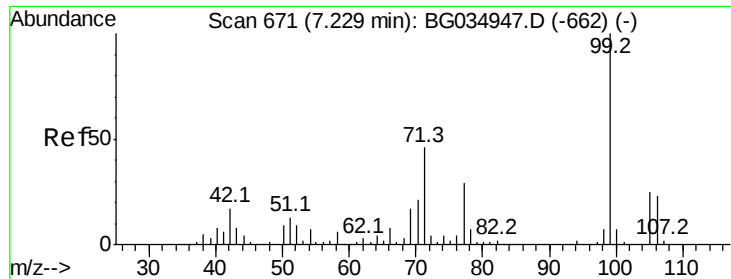


#5

2-Fluorophenol
Concen: 139.330 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Tgt Ion:112 Resp: 367487
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 148.977 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

Instrument :

BNA_G

ClientSampleId :

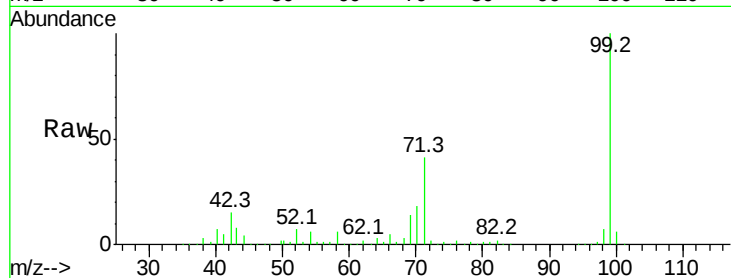
Tot Ion: 99 Resp: 579941

Ion Ratio Lower Upper

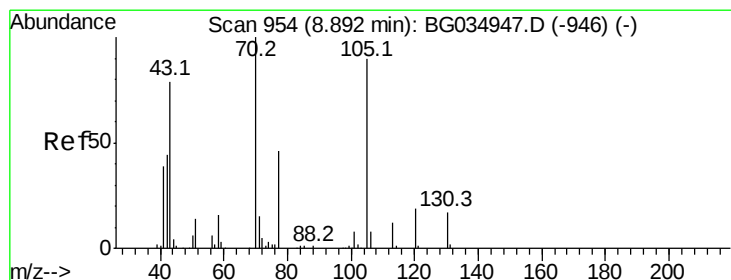
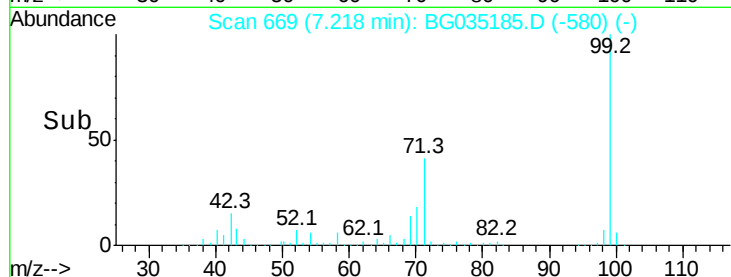
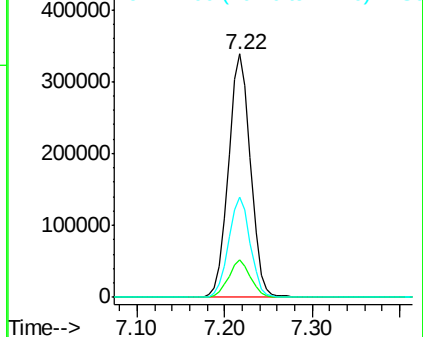
99 100

42 15.5 14.1 21.1

71 41.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.366 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

Tgt Ion: 70 Resp: 50818

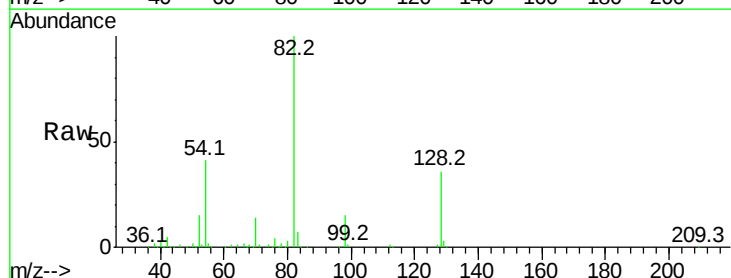
Ion Ratio Lower Upper

70 100

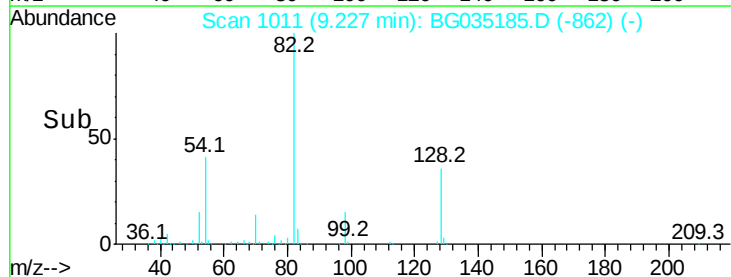
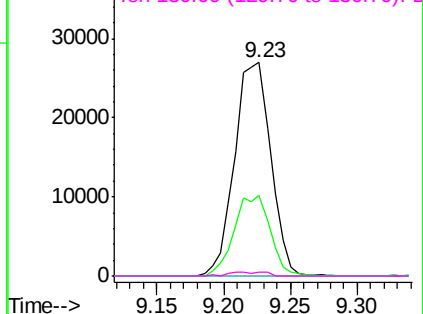
42 37.5 49.1 73.7#

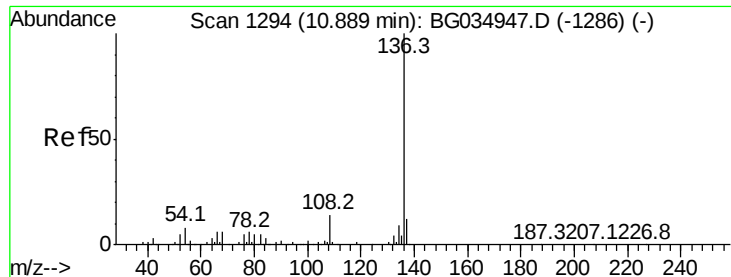
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

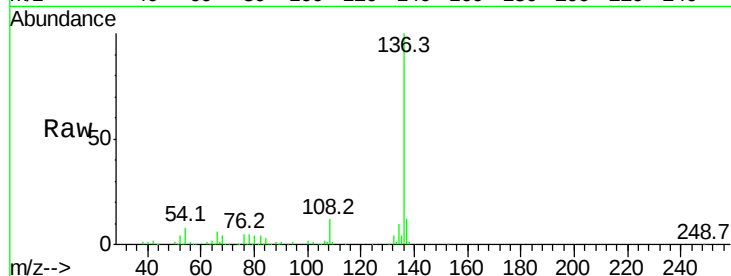




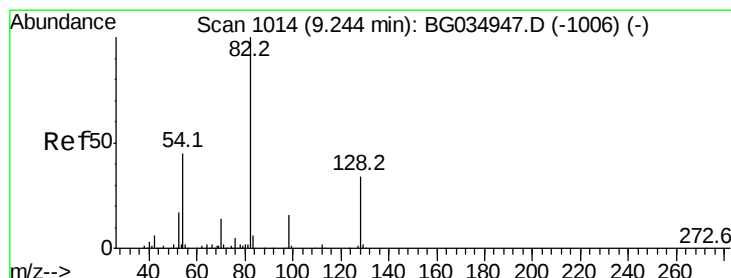
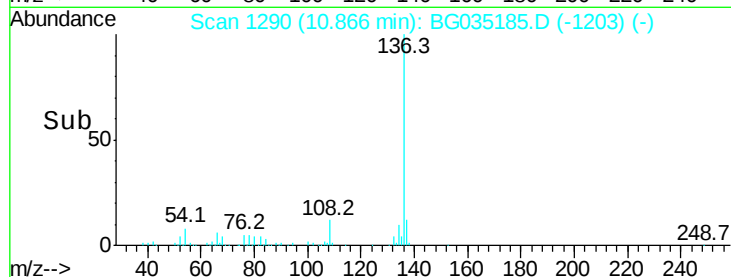
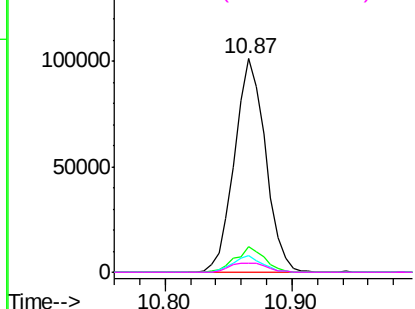
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	171694
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.7	10.3	15.5#
68	4.1	4.5	6.7#

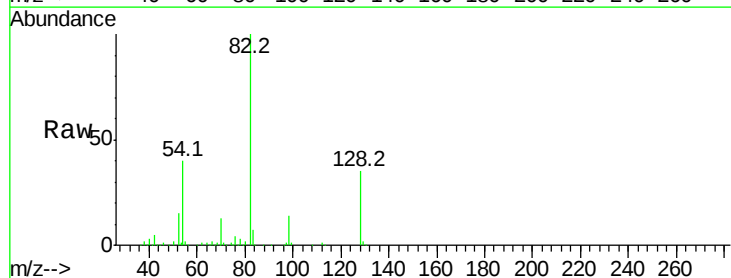


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

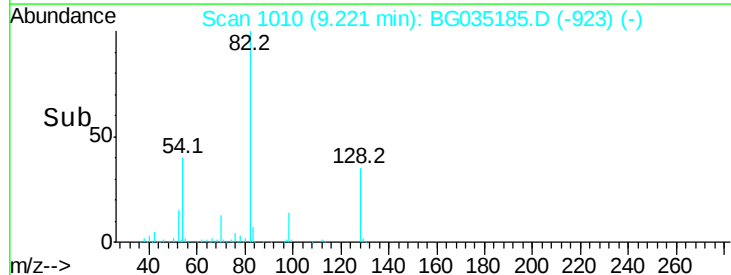
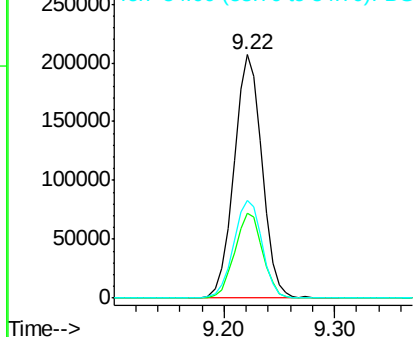


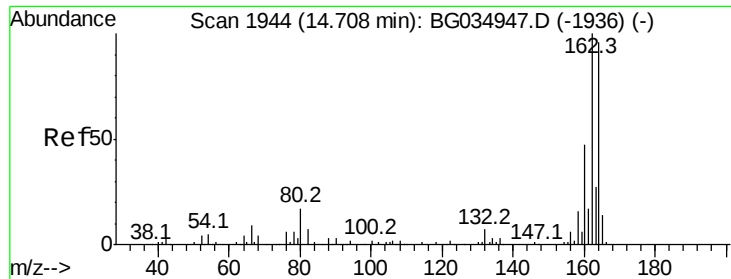
#23
Nitrobenzene-d5
Concen: 101.918 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Tgt Ion:	82	Resp:	368127
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	40.1	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

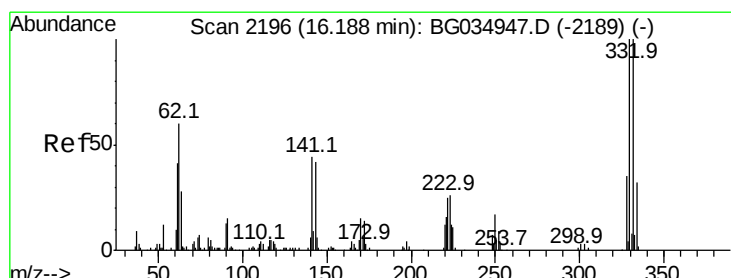
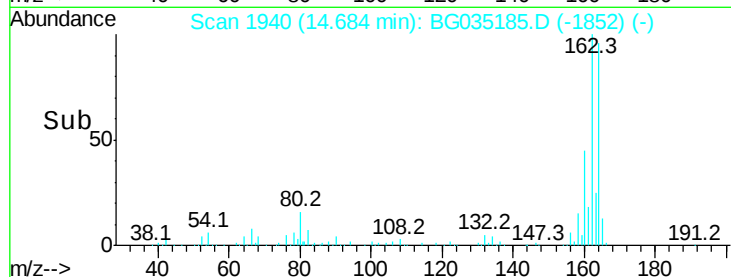
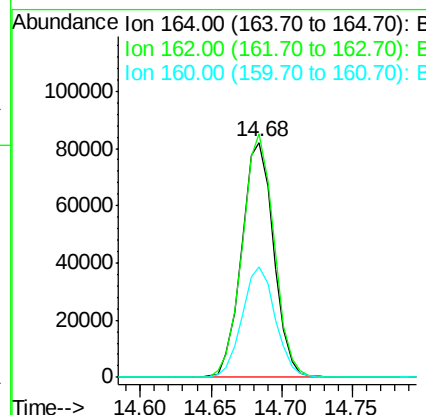
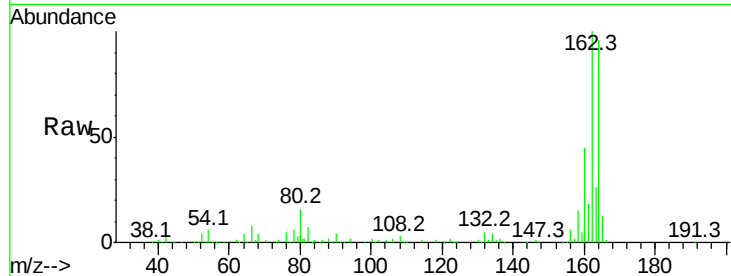




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

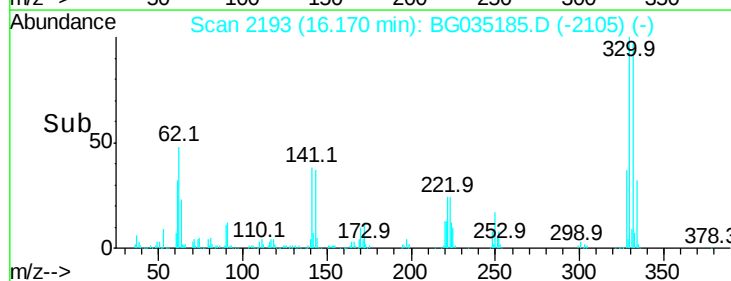
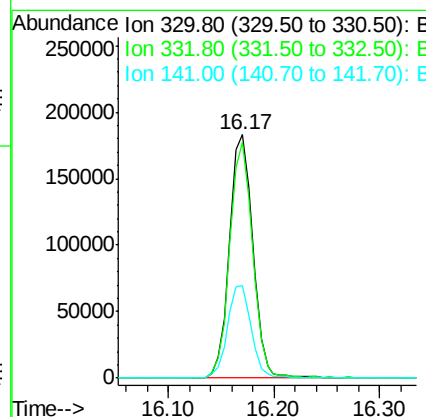
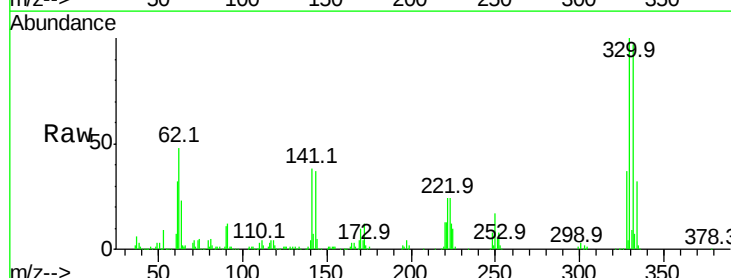
Instrument :
BNA_G
ClientSampleId :

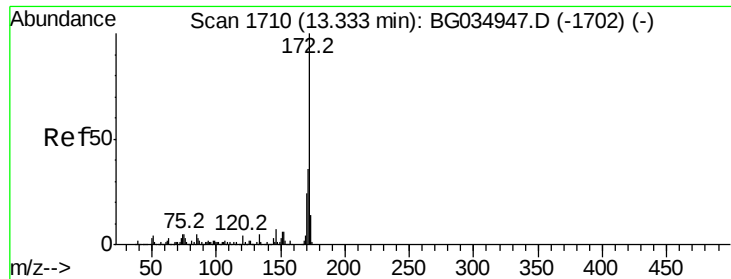
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	46.9	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 168.793 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.3	25.2	37.8#

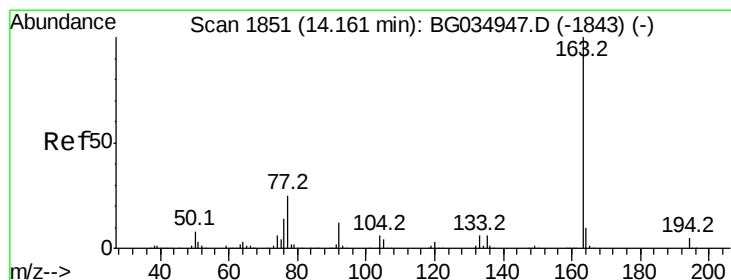
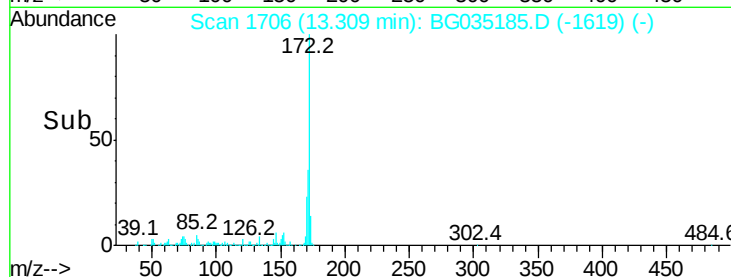
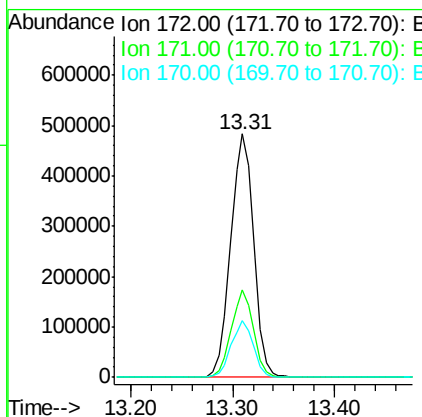
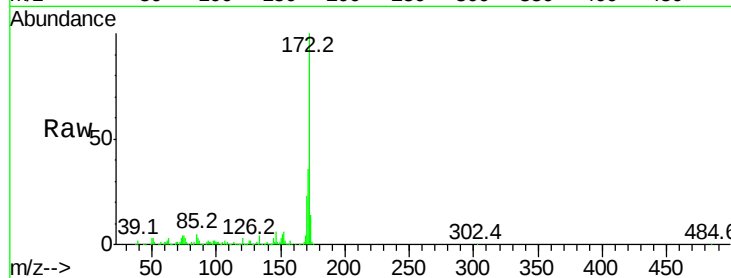




#44
2-Fluorobiphenyl
Concen: 75.766 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

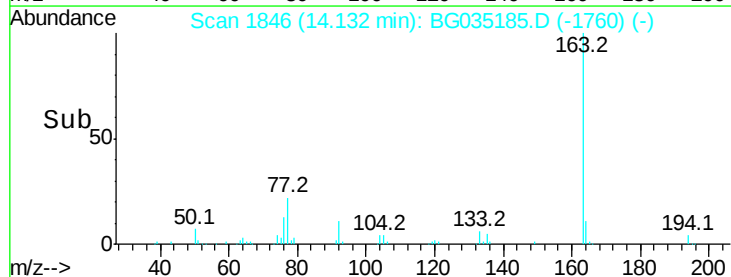
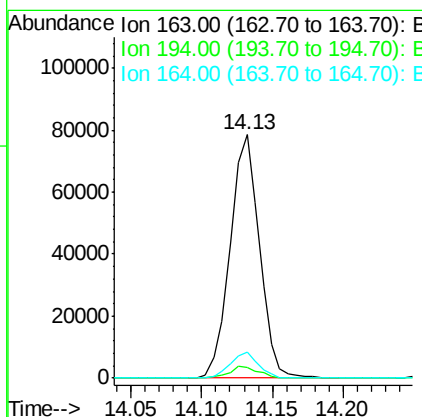
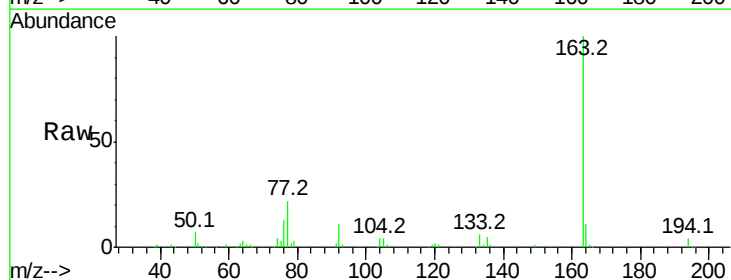
Instrument :
BNA_G
ClientSampleId :

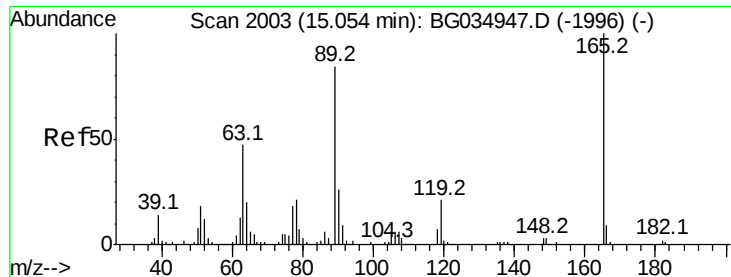
Tot Ion:172 Resp: 758438
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 10.028 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035185.D
Acq: 15 Jun 2018 23:36

Tgt Ion:163 Resp: 113797
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.8 8.2 12.4

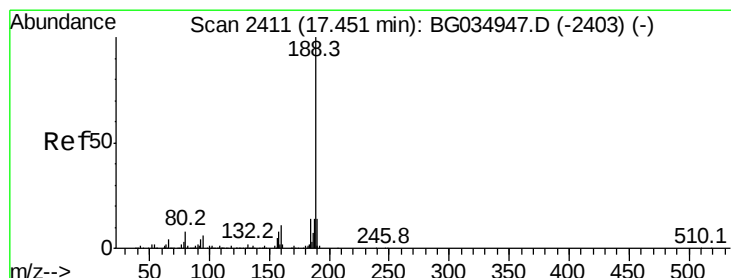
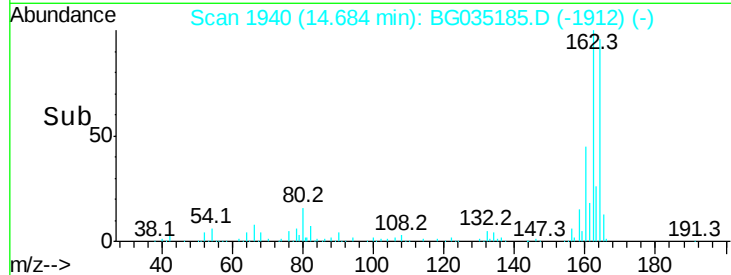
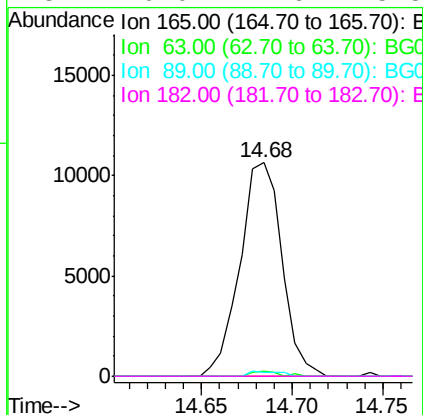
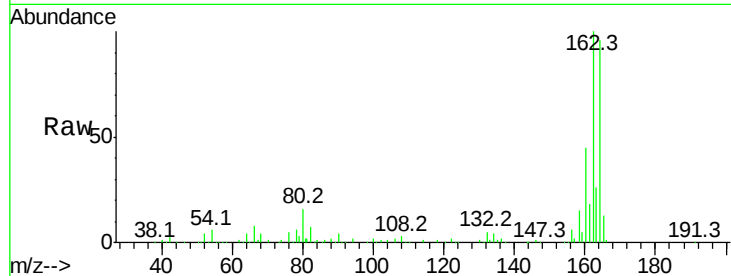




#56
 2,4-Dinitrotoluene
 Concen: 6.258 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035185.D
 Acq: 15 Jun 2018 23:36

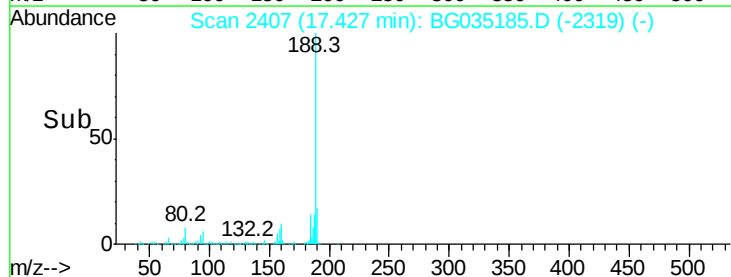
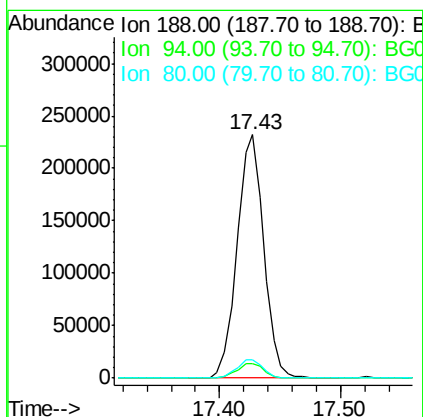
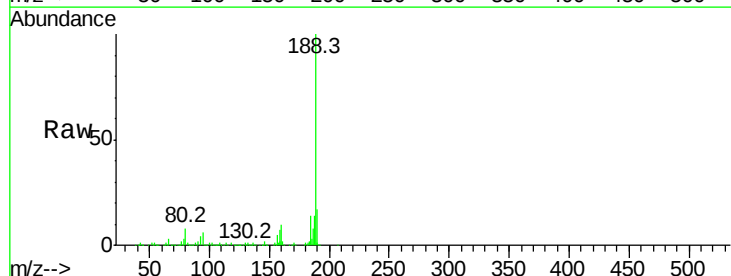
Instrument :
 BNA_G
 ClientSampleId :

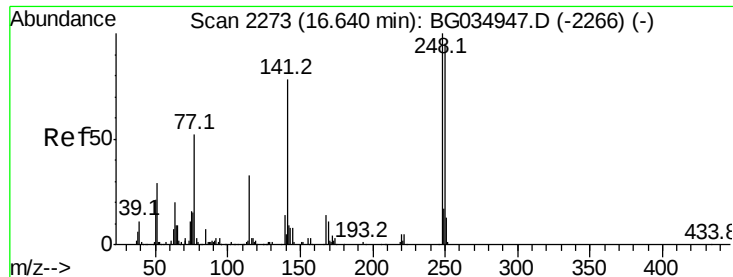
Tot Ion:	165	Resp:	17211
Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035185.D
 Acq: 15 Jun 2018 23:36

Tgt Ion:	188	Resp:	355844
Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.8	7.7	11.5





#66

4-Bromophenyl-phenylether

Concen: 5.389 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.46 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

Instrument :

BNA_G

ClientSampleId :

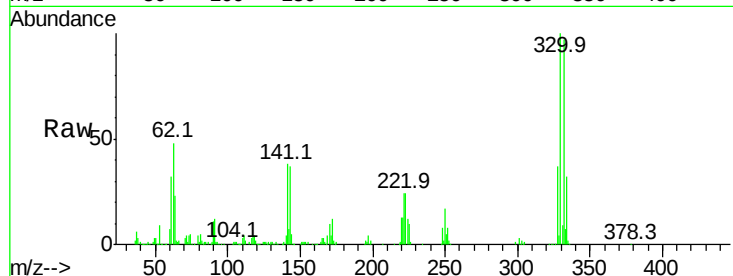
Tot Ion:248 Resp: 23095

Ion Ratio Lower Upper

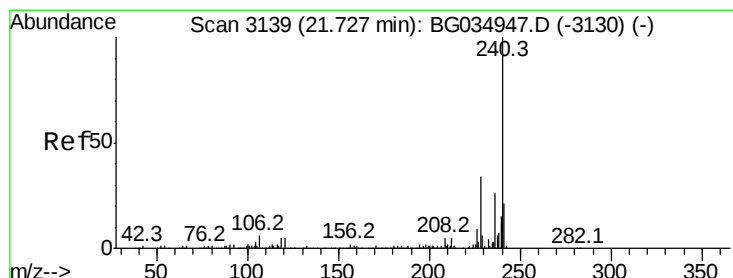
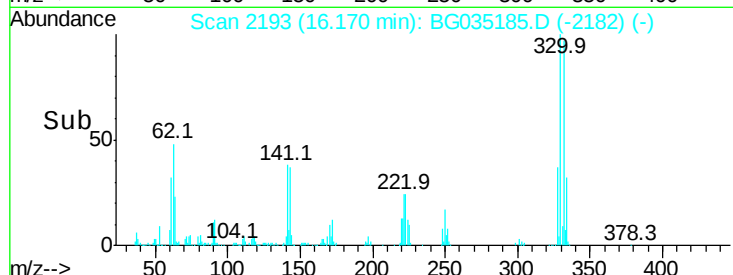
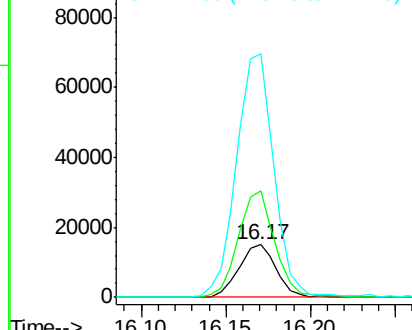
248 100

250 203.3 77.1 115.7#

141 464.6 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

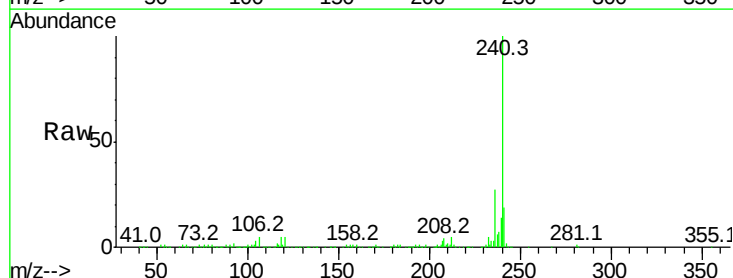
Tgt Ion:240 Resp: 379919

Ion Ratio Lower Upper

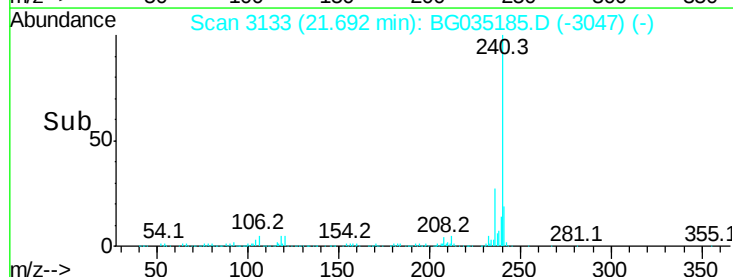
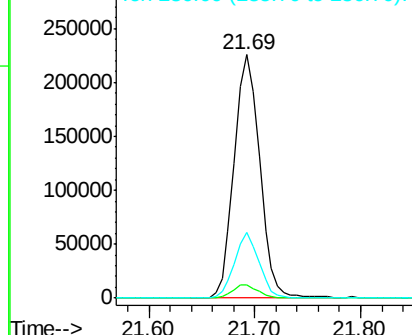
240 100

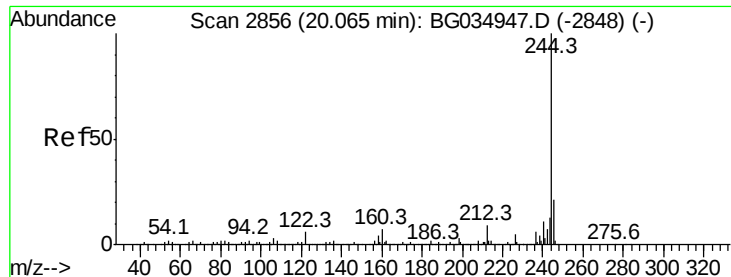
120 5.4 6.8 10.2#

236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.791 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

Instrument :

BNA_G

ClientSampled :

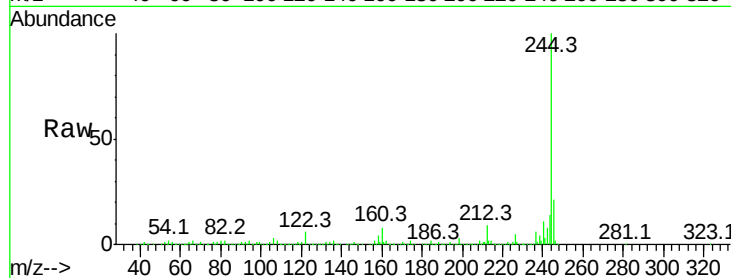
Tot Ion:244 Resp: 1410921

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

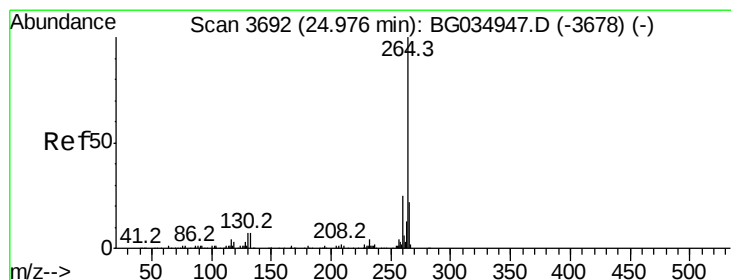
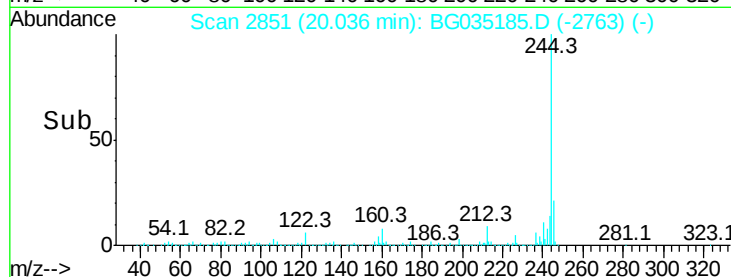
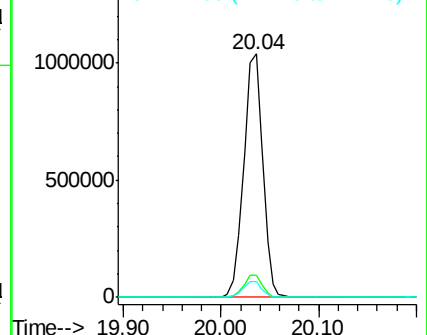
122 6.5 7.0 10.4#



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: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035185.D

Acq: 15 Jun 2018 23:36

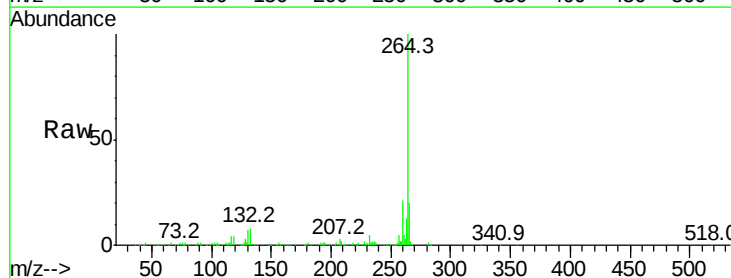
Tgt Ion:264 Resp: 362140

Ion Ratio Lower Upper

264 100

260 20.9 17.4 26.0

265 19.7 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

