

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035521.D
 Acq On : 30 Jun 2018 1:17
 Operator : JU/SJ
 Sample : J3773-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:04 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

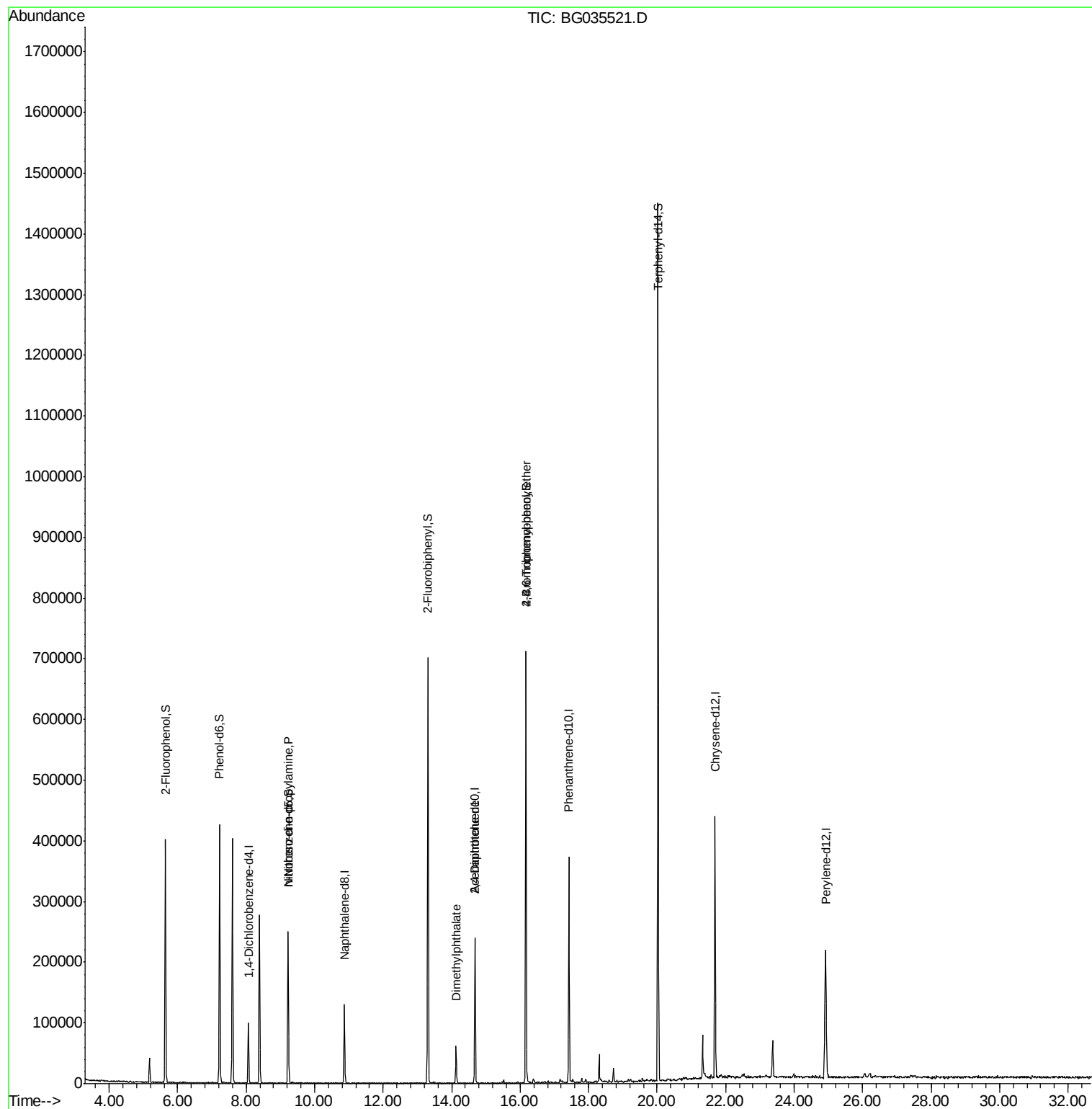
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28091	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	107899	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	82926	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	241519	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	263912	20.00	ng	-0.03
86) Perylene-d12	24.92	264	249074	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	175778	105.60	ng	0.00
7) Phenol-d6	7.22	99	262671	106.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	167437	73.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	133868	126.11	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	381190	59.76	ng	-0.02
78) Terphenyl-d14	20.03	244	686364	54.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	22491	10.776	ng	# 62
49) Dimethylphthalate	14.13	163	41258	5.705	ng	# 97
56) 2,4-Dinitrotoluene	14.68	165	11052	6.306	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	10179	3.500	ng	# 1

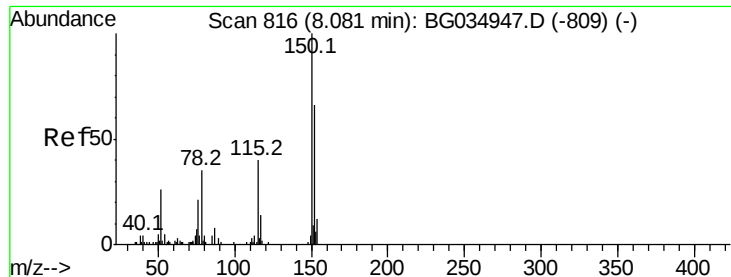
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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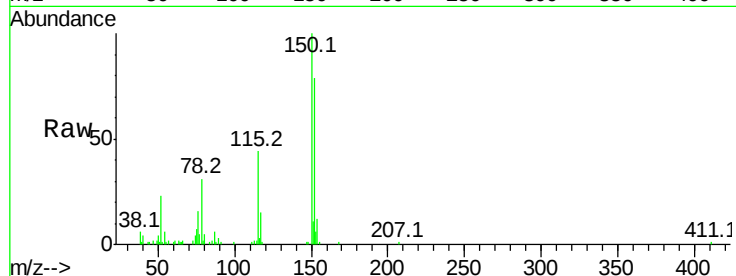


#1

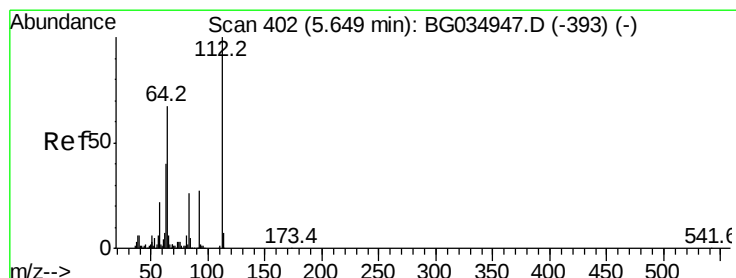
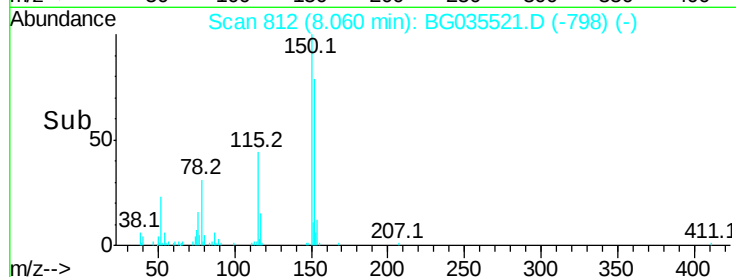
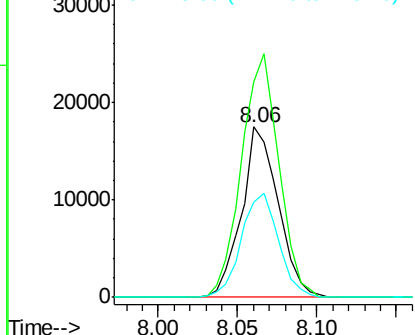
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28091
Ion Ratio Lower Upper
152 100
150 126.4 126.6 189.8#
115 56.1 53.0 79.4



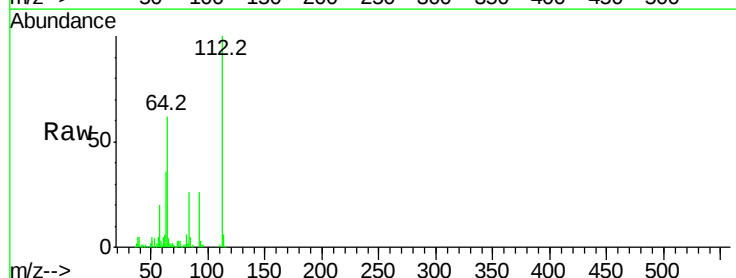
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



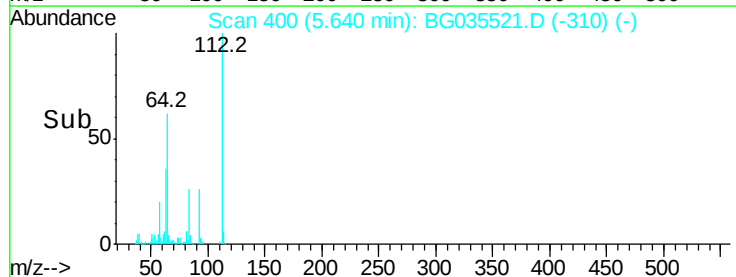
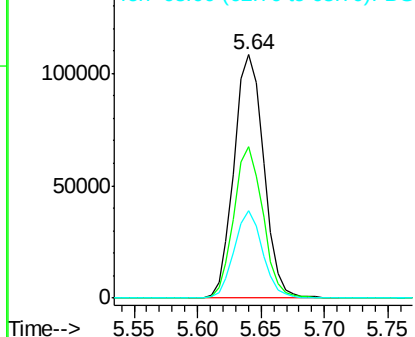
#5

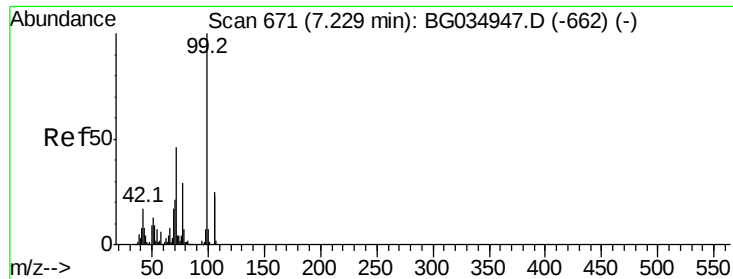
2-Fluorophenol
Concen: 105.601 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Tgt Ion:112 Resp: 175778
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 35.7 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: 106.917 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035521.D

Acq: 30 Jun 2018 1:17

Instrument :

BNA_G

ClientSampleId :

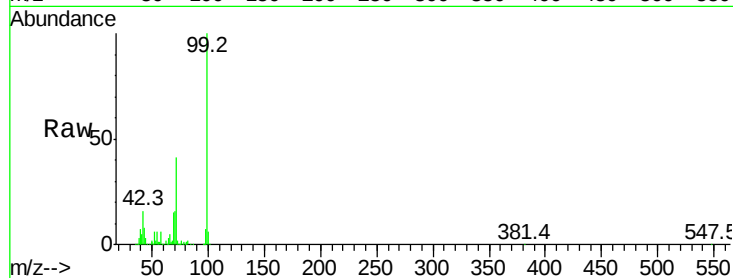
Tot Ion: 99 Resp: 262671

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

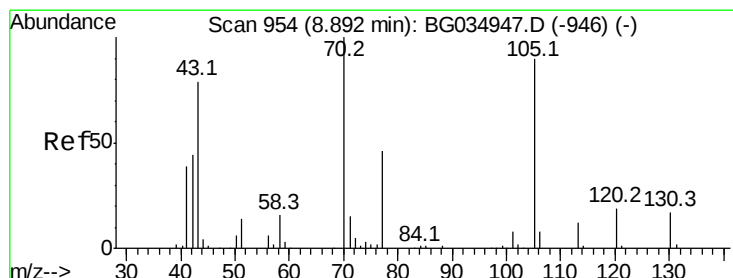
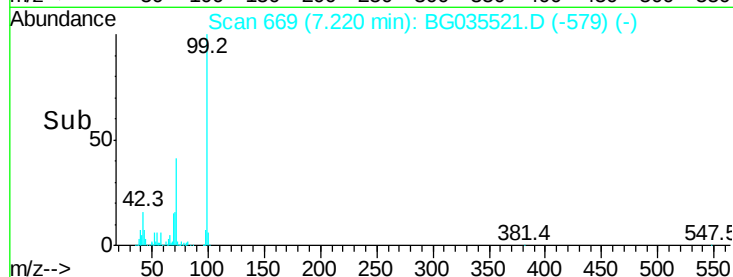
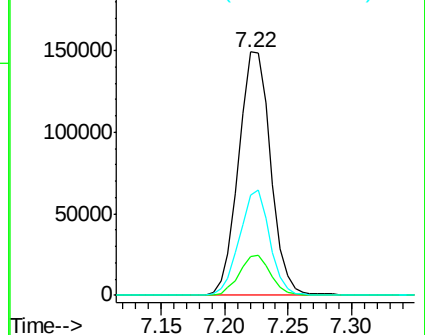
71 41.4 26.1 39.1#



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: 10.776 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035521.D

Acq: 30 Jun 2018 1:17

Tgt Ion: 70 Resp: 22491

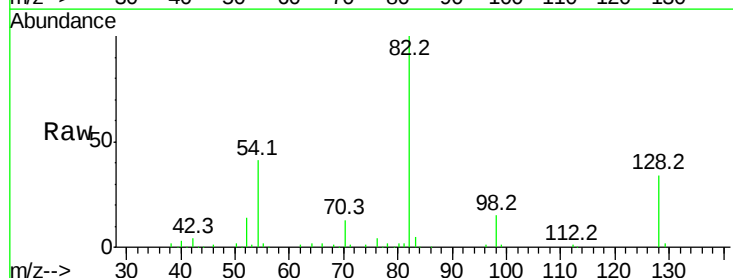
Ion Ratio Lower Upper

70 100

42 31.3 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

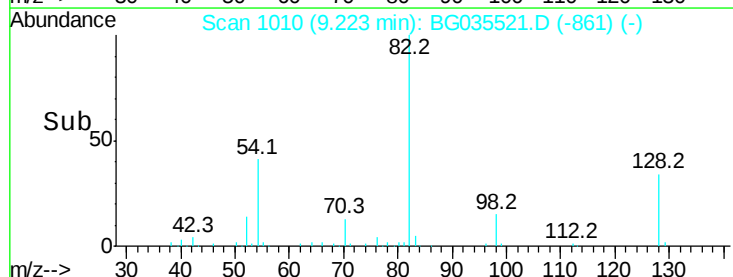
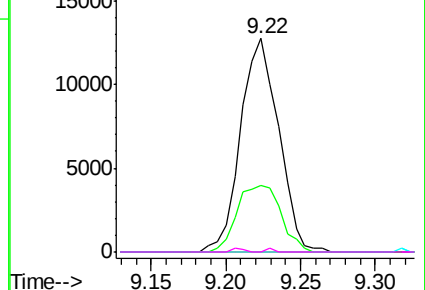


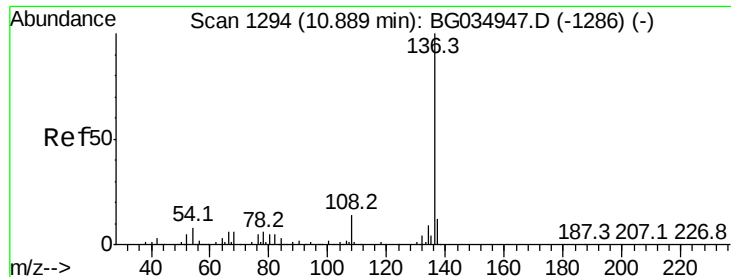
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

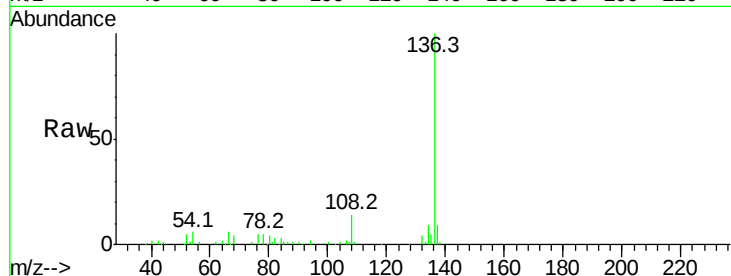




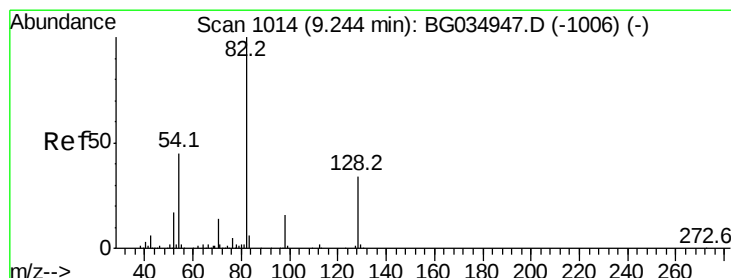
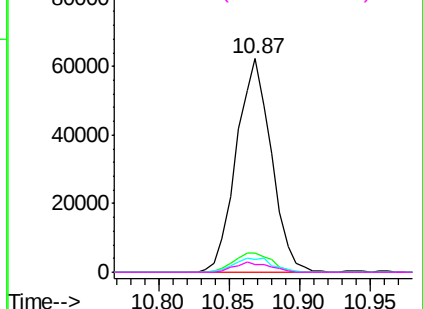
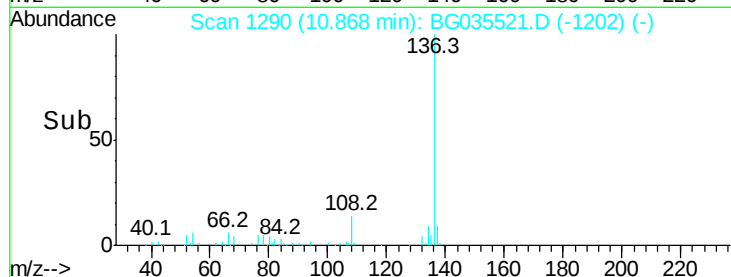
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	107899
Ion Ratio	Lower	Upper
136	100	
137	9.1	9.2 13.8#
54	5.8	10.3 15.5#
68	3.7	4.5 6.7#

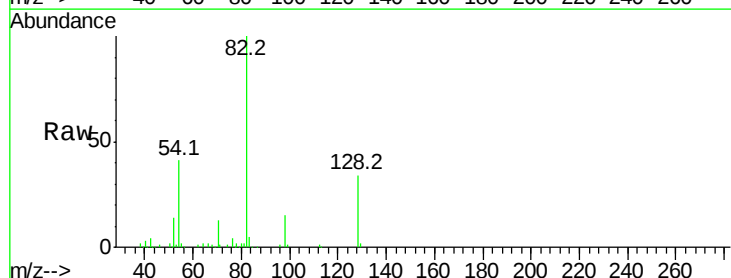


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

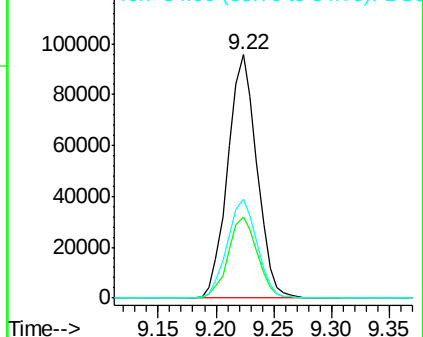
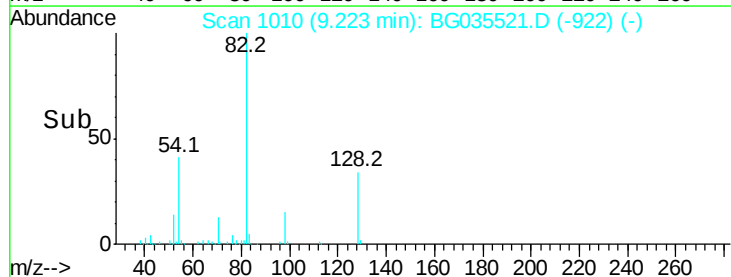


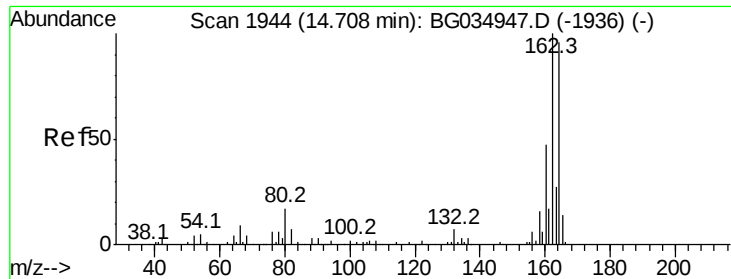
#23
Nitrobenzene-d5
Concen: 73.763 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Tgt Ion: 82	Resp:	167437
Ion Ratio	Lower	Upper
82	100	
128	33.5	29.7 44.5
54	40.7	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

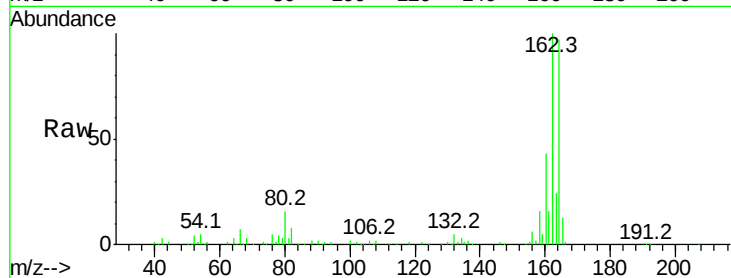




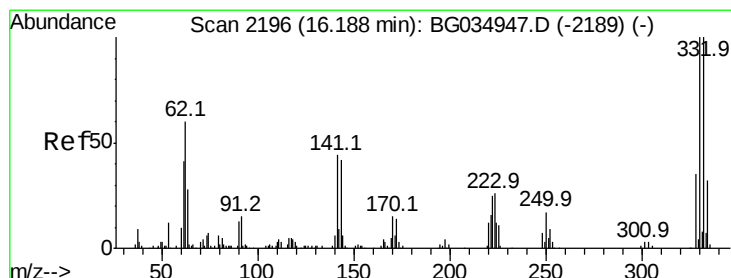
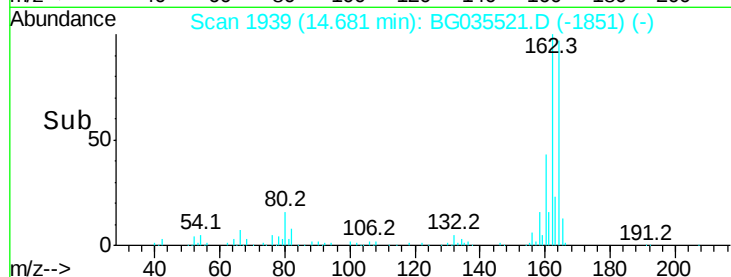
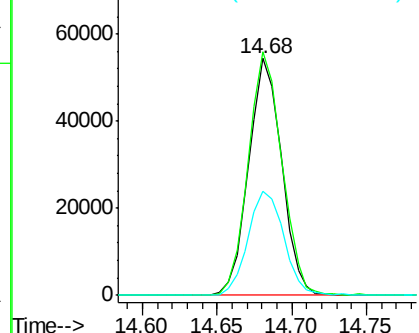
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 82926
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 43.7 35.4 53.0

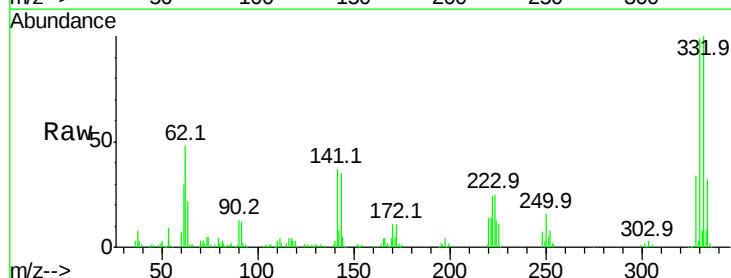


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

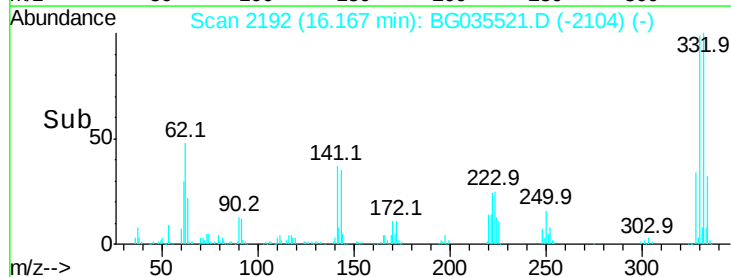
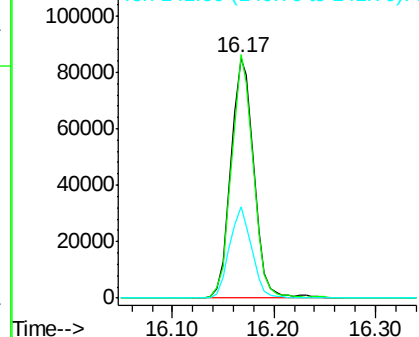


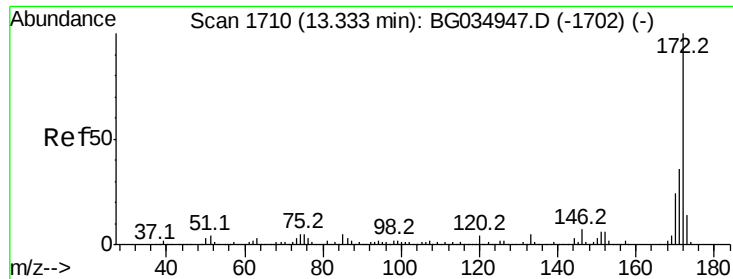
#41
 2,4,6-Tribromophenol
 Concen: 126.105 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Tgt Ion:330 Resp: 133868
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 36.6 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

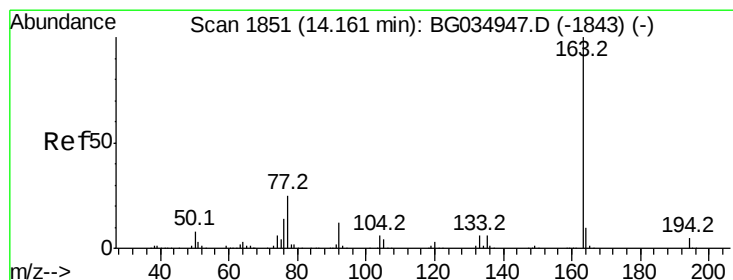
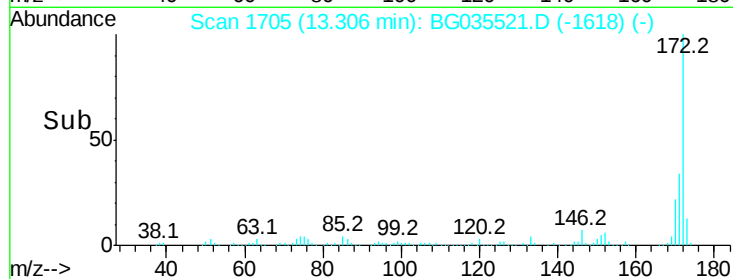
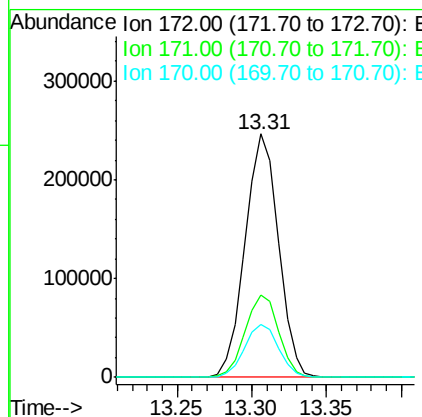
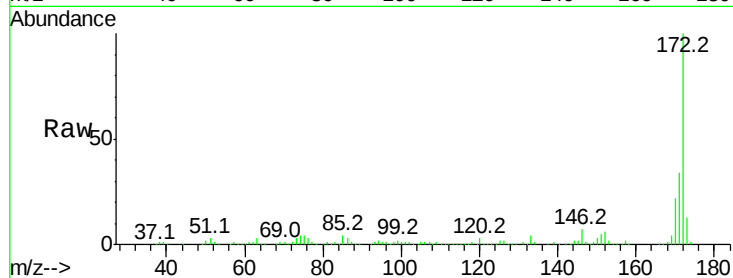




#44
2-Fluorobiphenyl
Concen: 59.758 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

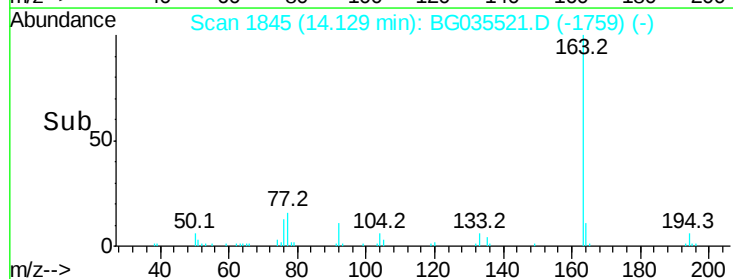
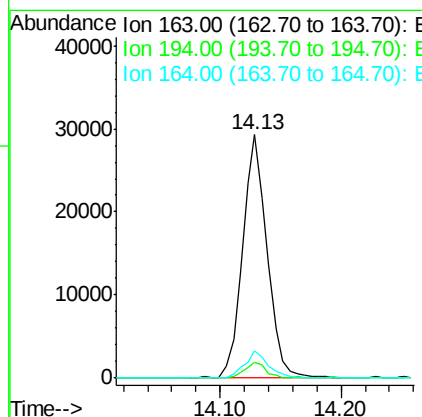
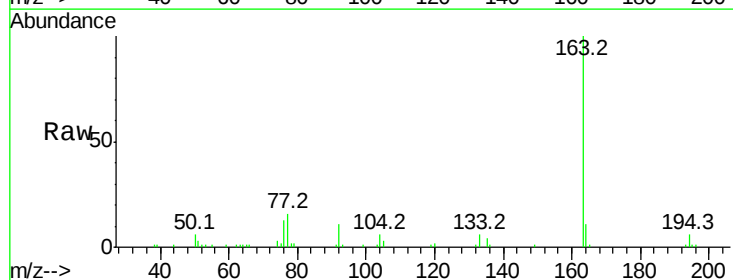
Instrument :
BNA_G
ClientSampleId :

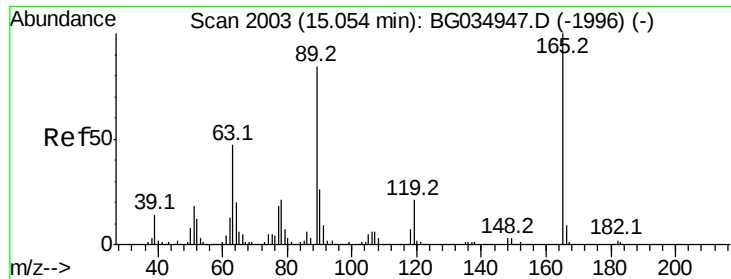
Tot Ion:172 Resp: 381190
Ion Ratio Lower Upper
172 100
171 33.9 30.0 45.0
170 21.8 19.5 29.3



#49
Dimethylphthalate
Concen: 5.705 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Tgt Ion:163 Resp: 41258
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 11.0 8.2 12.4

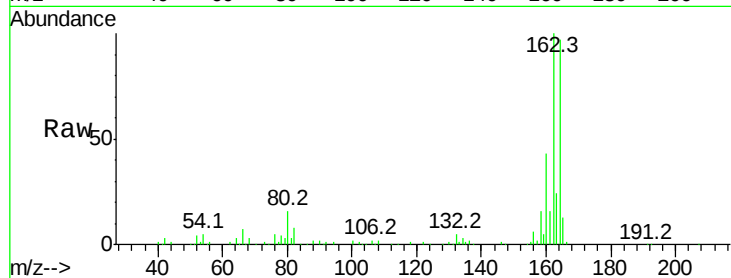




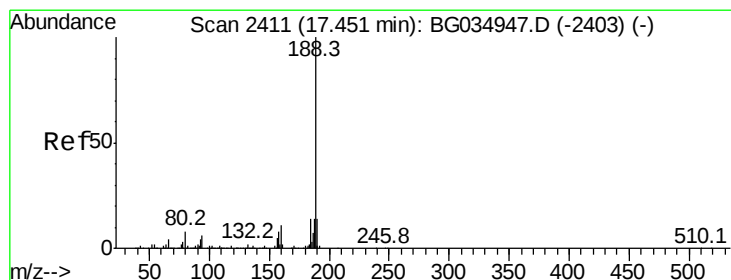
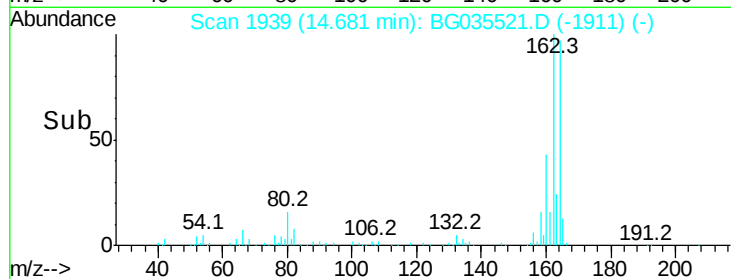
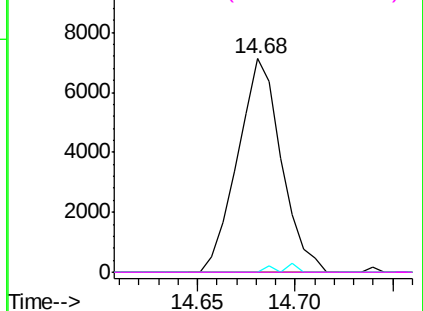
#56
 2,4-Dinitrotoluene
 Concen: 6.306 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11052
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

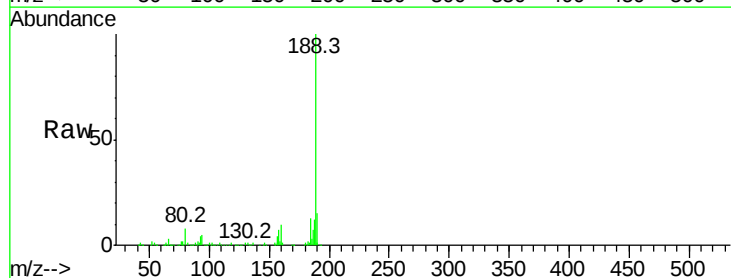


Abundance Ion 165.00 (164.70 to 165.70): E

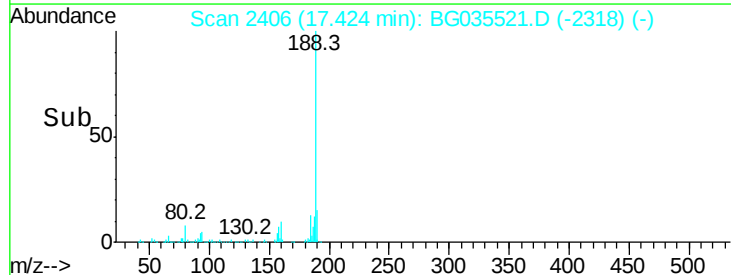
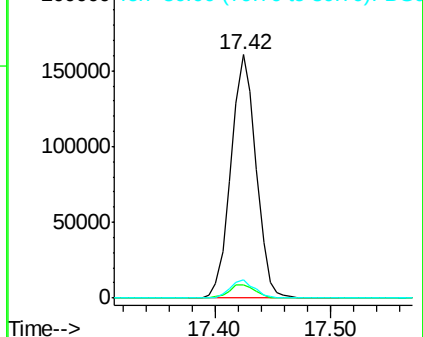


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Tgt Ion:188 Resp: 241519
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

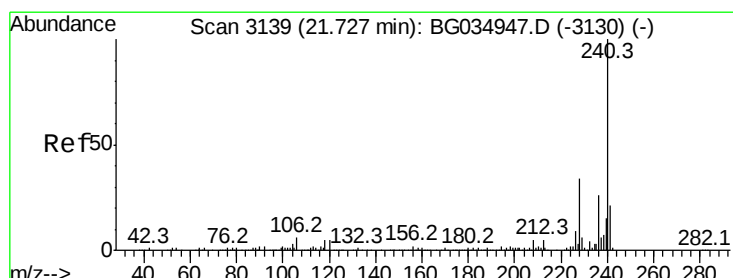
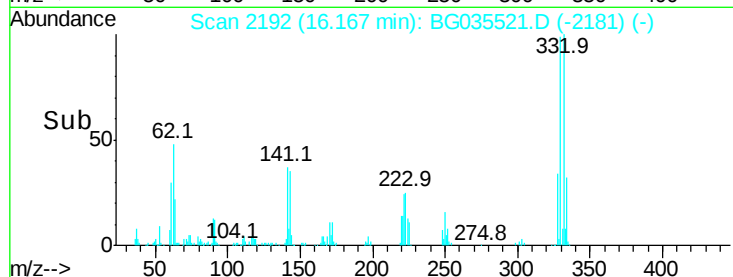
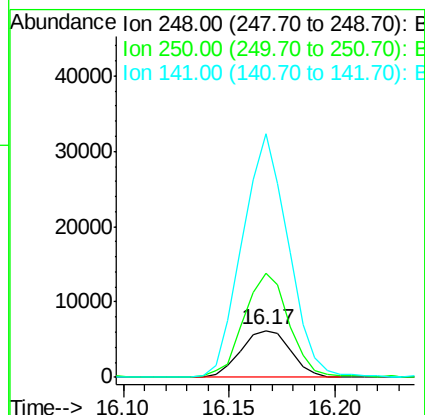
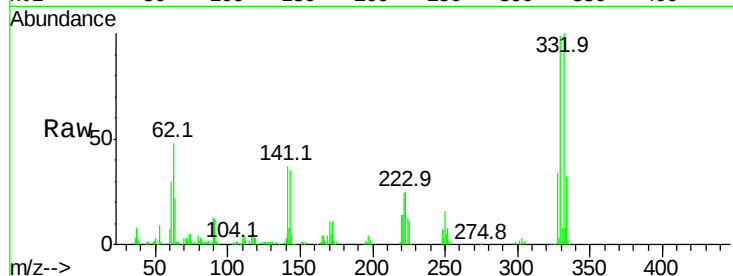




#66
4-Bromophenyl-phenylether
Concen: 3.500 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

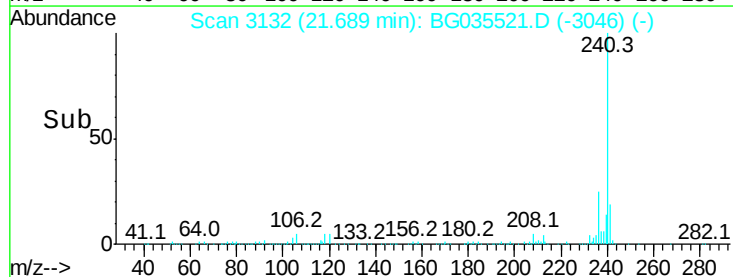
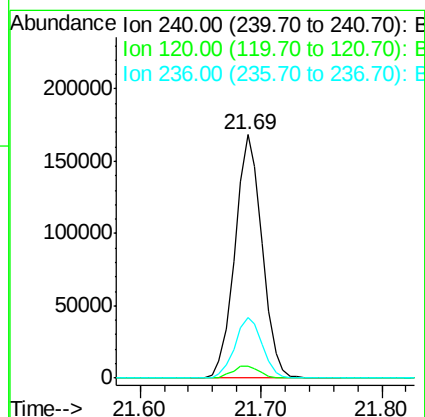
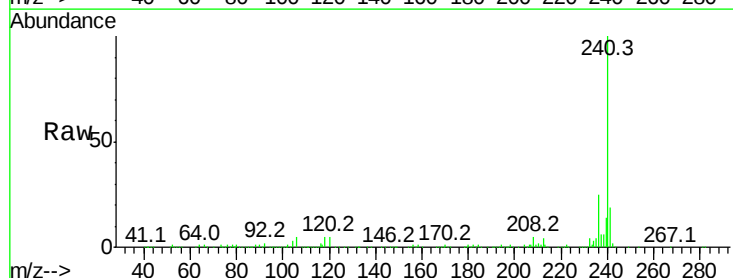
Instrument :
BNA_G
ClientSampleId :

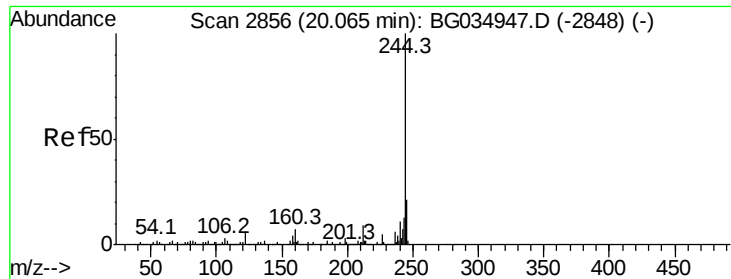
Tot Ion:248 Resp: 10179
Ion Ratio Lower Upper
248 100
250 220.6 77.1 115.7#
141 517.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035521.D
Acq: 30 Jun 2018 1:17

Tgt Ion:240 Resp: 263912
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.0 20.9 31.3

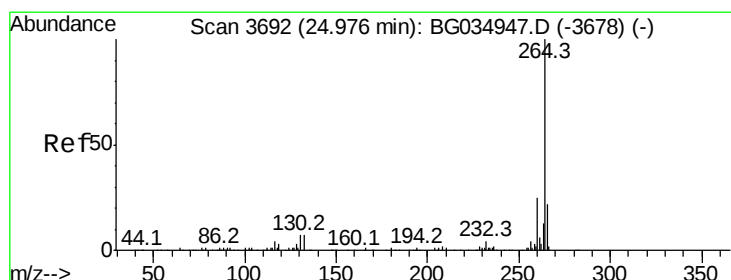
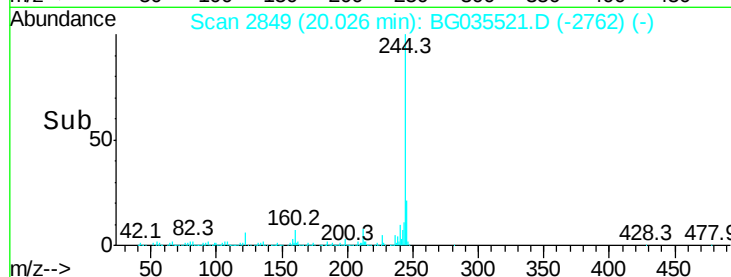
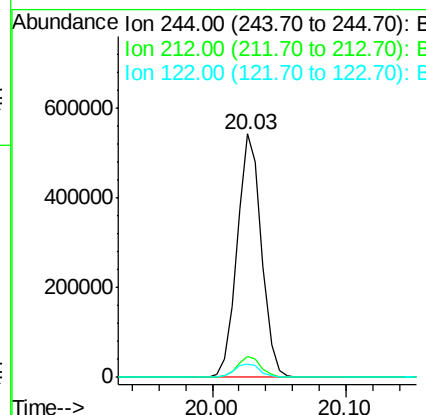
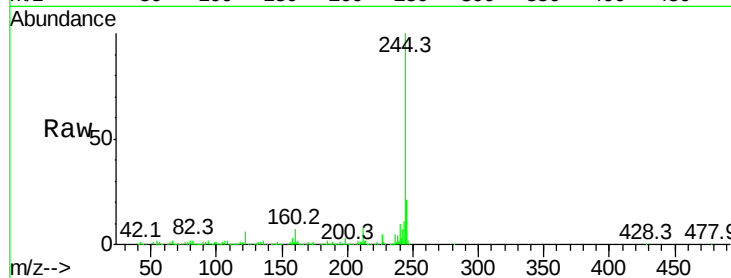




#78
 Terphenyl-d14
 Concen: 54.477 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 686364
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 5.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035521.D
 Acq: 30 Jun 2018 1:17

Tgt Ion:264 Resp: 249074
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.4 26.0
 265 21.3 17.7 26.5

