

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035259.D
 Acq On : 19 Jun 2018 22:15
 Operator : SJ/JU
 Sample : PB110338BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 01:08:11 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

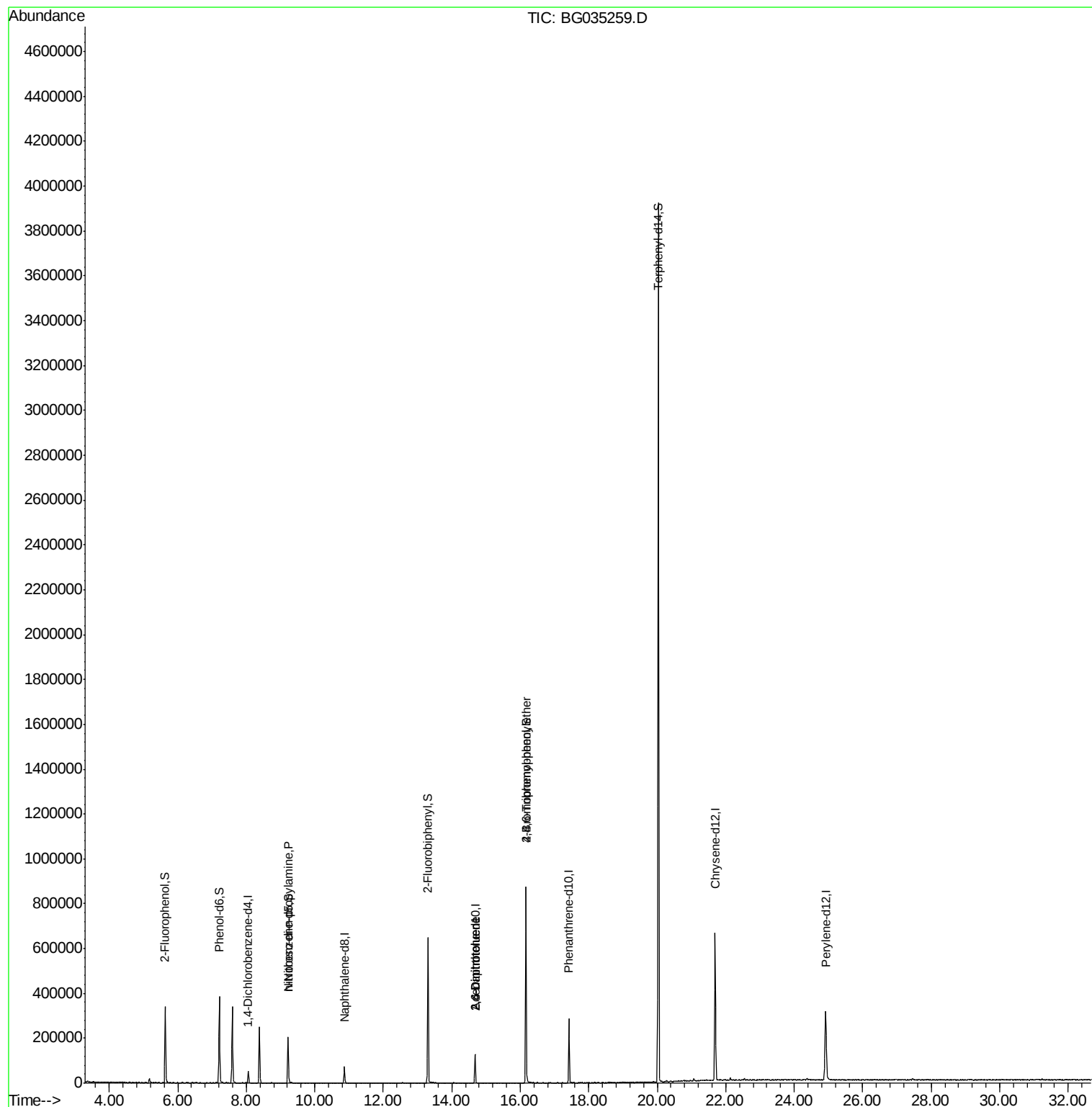
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14390	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	58070	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	46311	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	194761	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	421028	20.00	ng	-0.02
86) Perylene-d12	24.92	264	361962	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	157847	185.12	ng	-0.01
7) Phenol-d6	7.21	99	245825	195.33	ng	-0.01
23) Nitrobenzene-d5	9.22	82	142550	116.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	163174	275.24	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	364621	102.35	ng	-0.02
78) Terphenyl-d14	20.03	244	1957382	97.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	18382	17.192	ng	# 62
50) 2,6-Dinitrotoluene	14.68	165	6544	8.882	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	6544	6.686	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	12078	5.150	ng	# 1

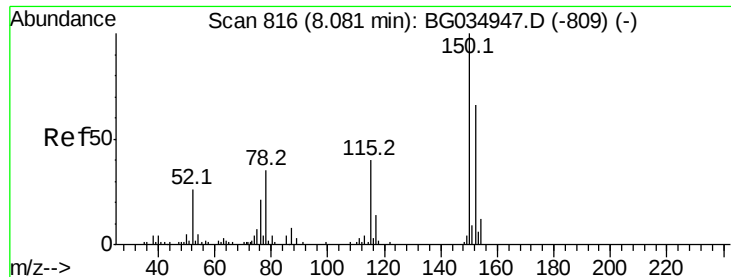
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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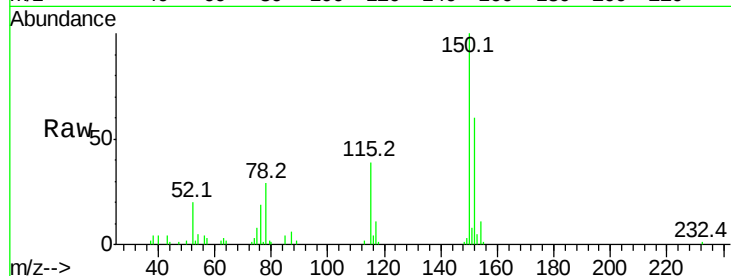


#1

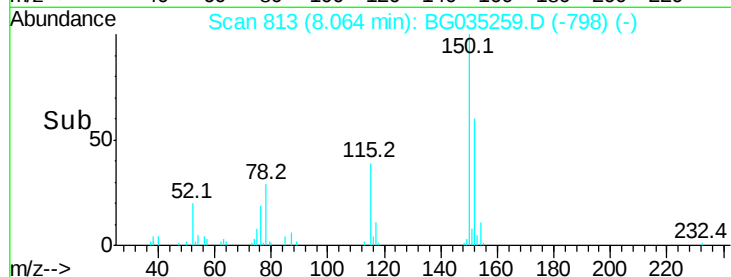
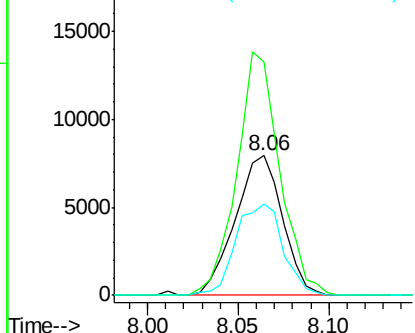
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 14390
Ion Ratio Lower Upper
152 100
150 167.3 126.6 189.8
115 65.5 53.0 79.4



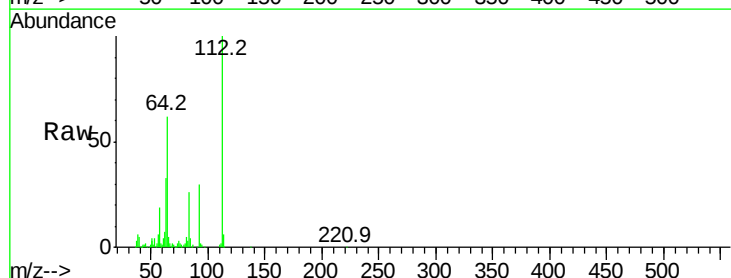
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



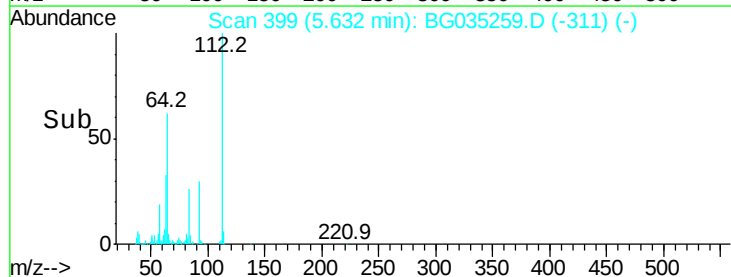
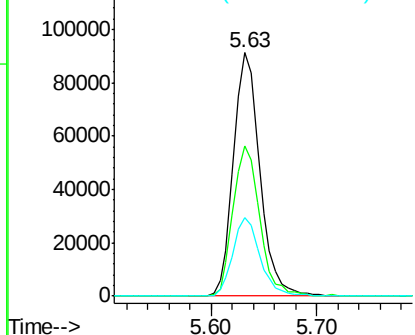
#5

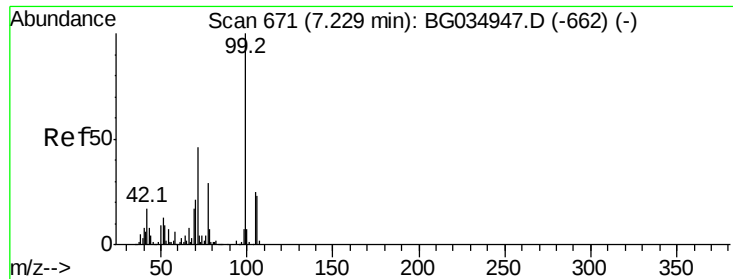
2-Fluorophenol
Concen: 185.117 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:112 Resp: 157847
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 195.330 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035259.D

Acq: 19 Jun 2018 22:15

Instrument :

BNA_G

ClientSampleId :

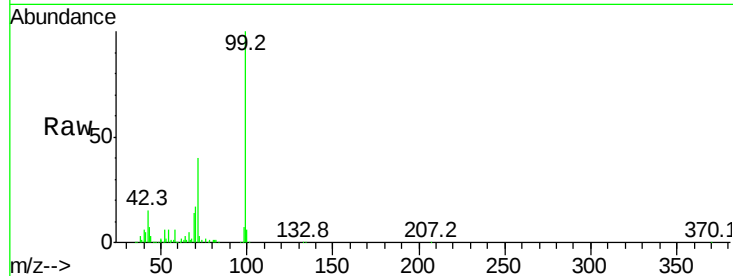
Tot Ion: 99 Resp: 245825

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

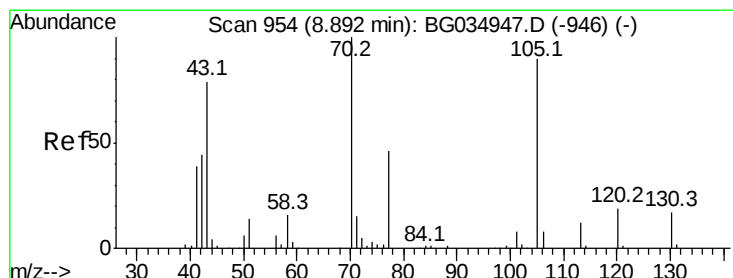
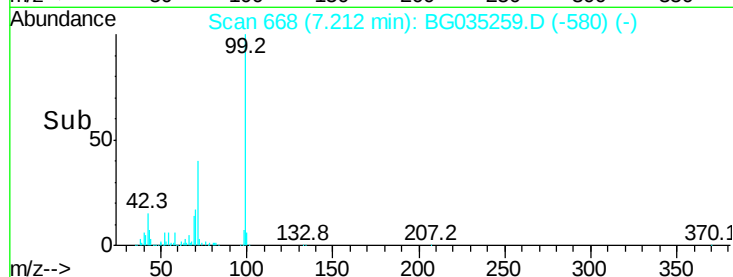
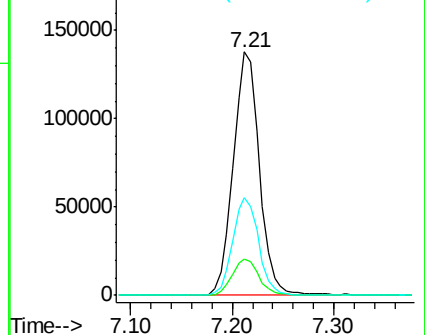
71 39.9 26.1 39.1#



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: 17.192 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035259.D

Acq: 19 Jun 2018 22:15

Tgt Ion: 70 Resp: 18382

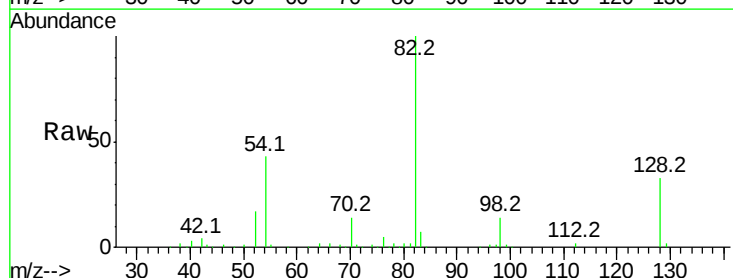
Ion Ratio Lower Upper

70 100

42 31.5 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

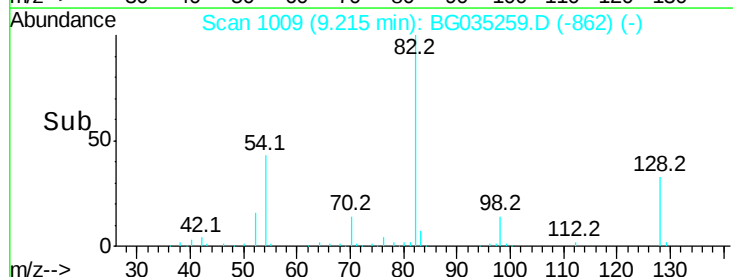
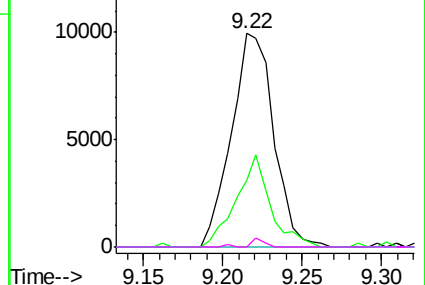


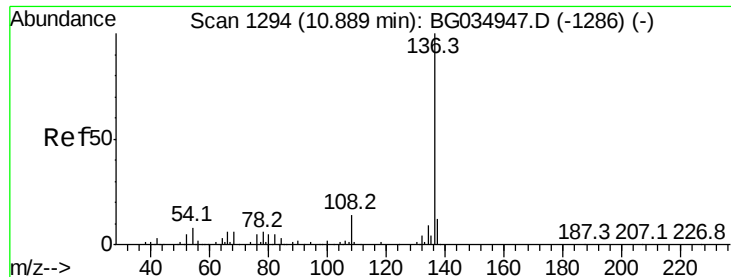
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

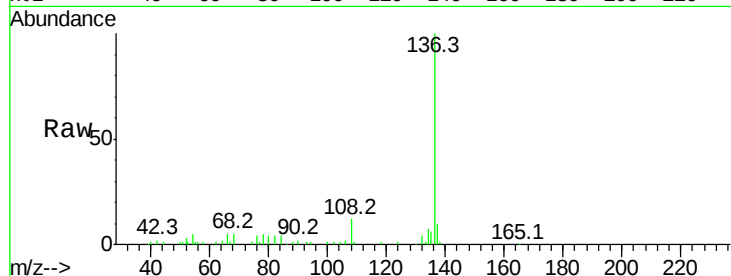




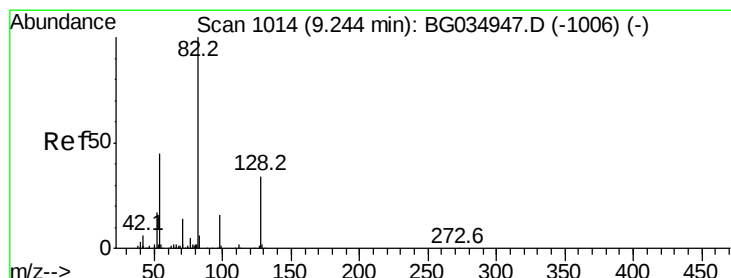
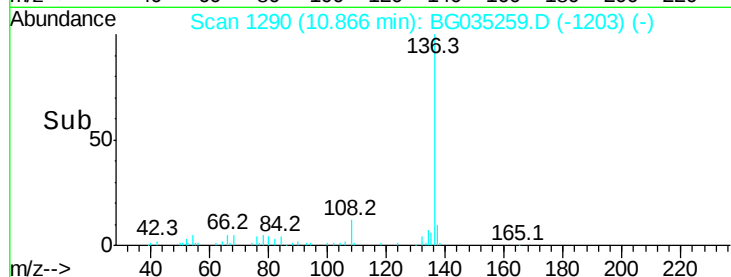
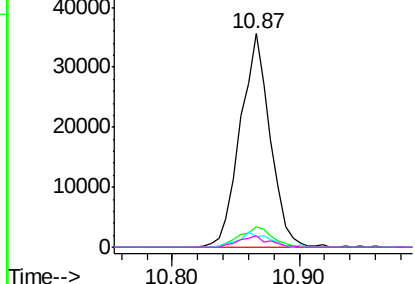
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	58070
Ion Ratio	Lower	Upper
136	100	
137	9.6	9.2 13.8
54	4.7	10.3 15.5#
68	5.3	4.5 6.7

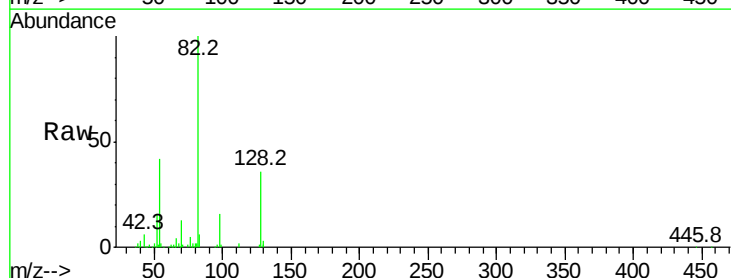


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

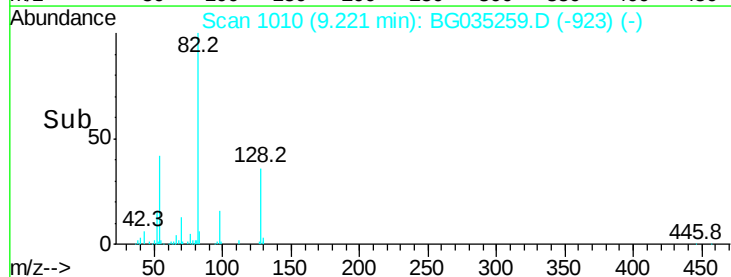
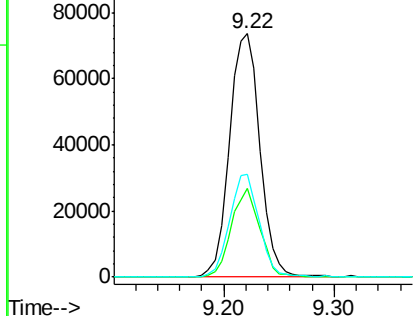


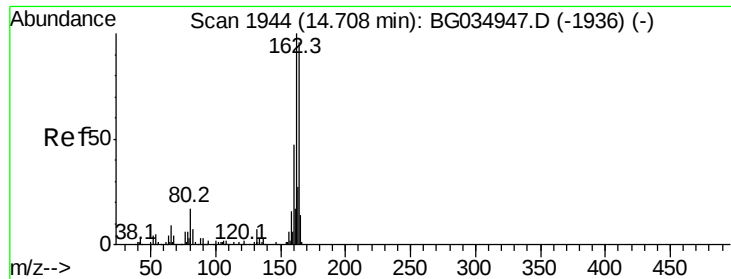
#23
Nitrobenzene-d5
Concen: 116.687 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion: 82	Resp:	142550
Ion Ratio	Lower	Upper
82	100	
128	36.4	29.7 44.5
54	42.2	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: BG035259.D

Acq: 19 Jun 2018 22:15

Instrument :

BNA_G

ClientSampleId :

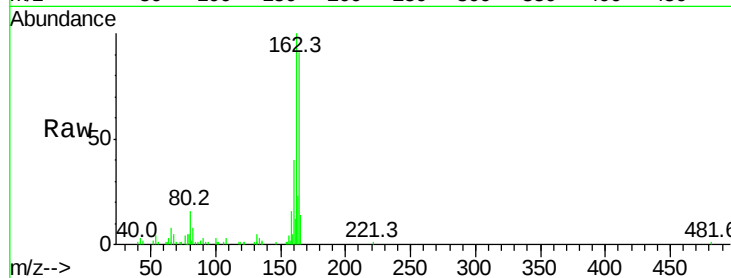
Tot Ion:164 Resp: 46311

Ion Ratio Lower Upper

164 100

162 109.7 78.8 118.2

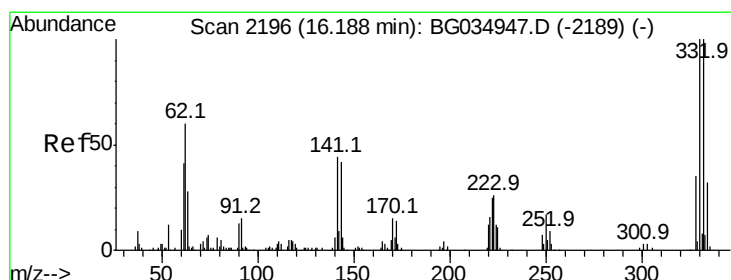
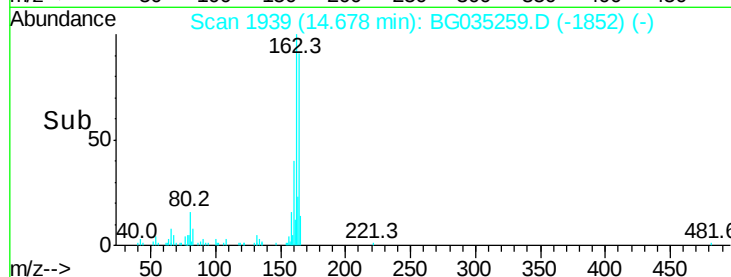
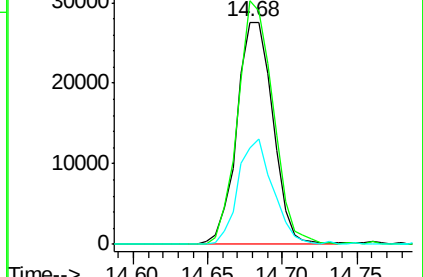
160 43.7 35.4 53.0



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: 275.241 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035259.D

Acq: 19 Jun 2018 22:15

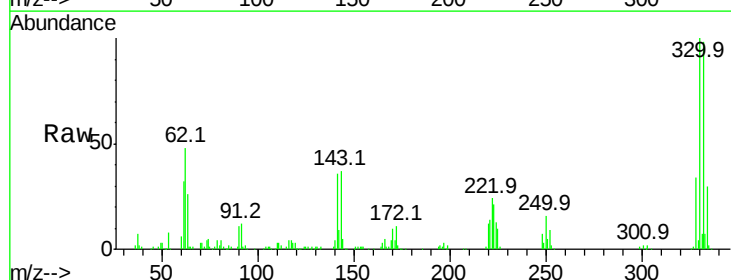
Tgt Ion:330 Resp: 163174

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

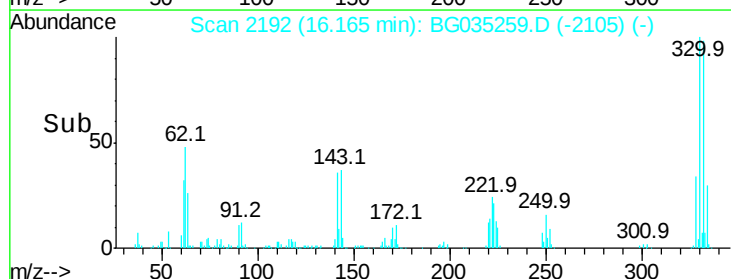
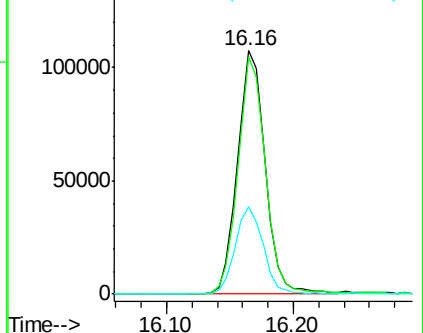
141 36.0 25.2 37.8

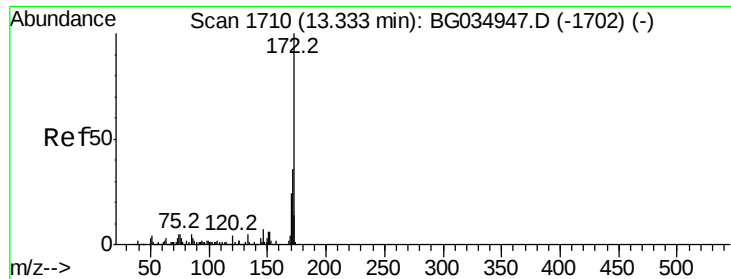


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

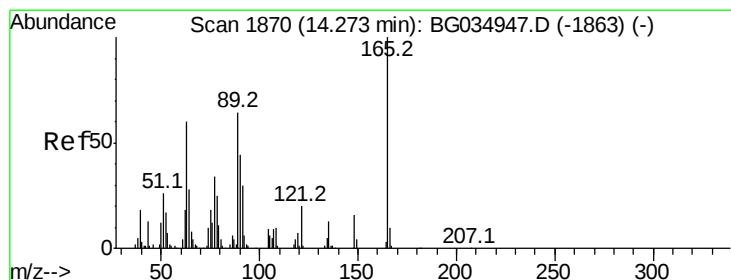
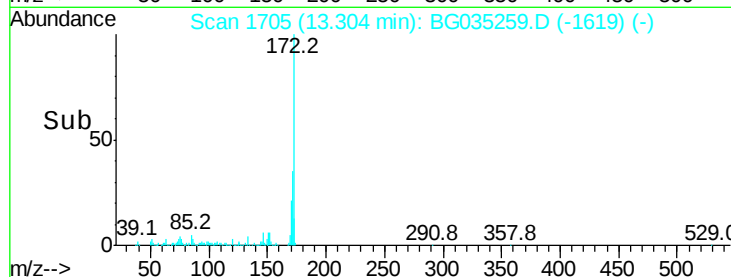
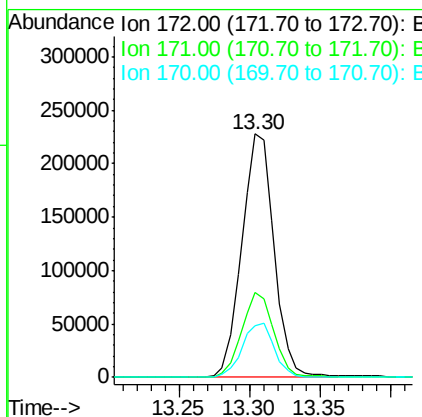
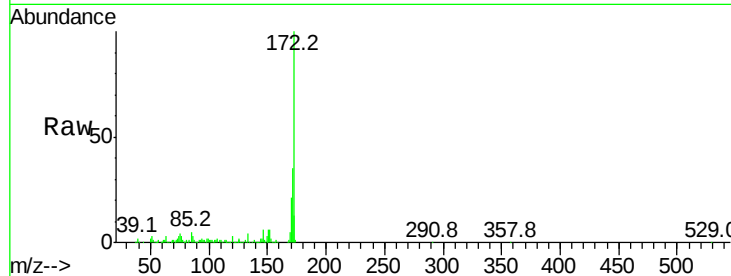




#44
2-Fluorobiphenyl
Concen: 102.353 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

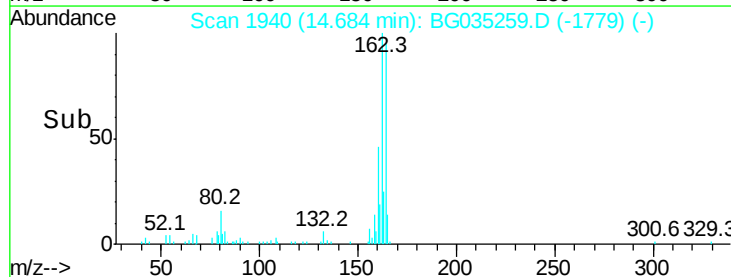
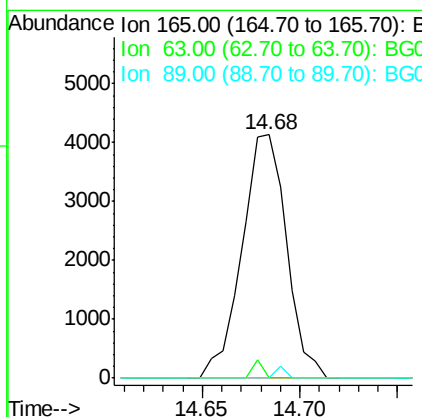
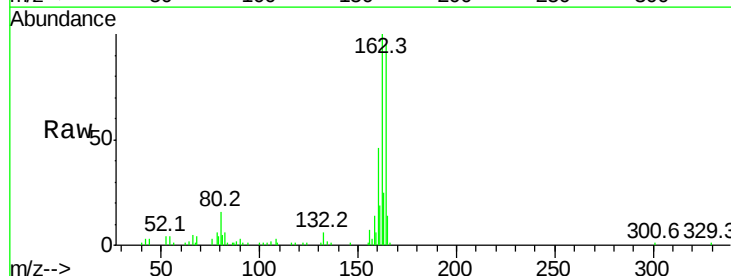
Instrument :
BNA_G
ClientSampleId :

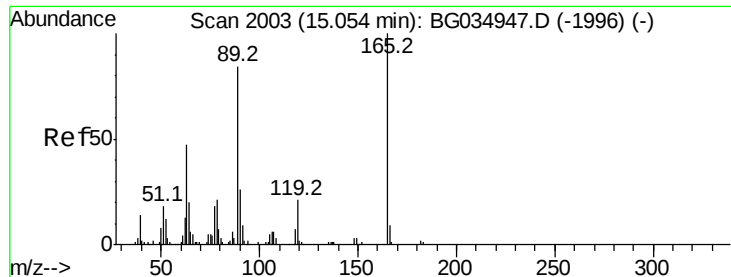
Tot Ion:172 Resp: 364621
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 21.4 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.882 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:165 Resp: 6544
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

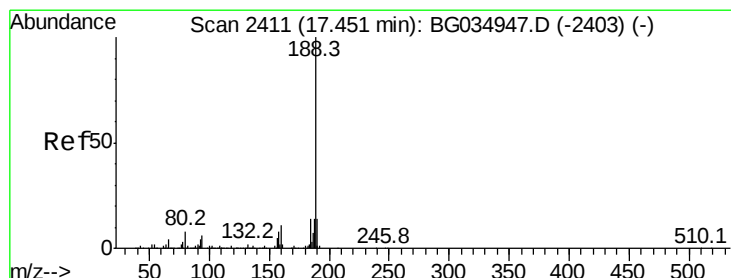
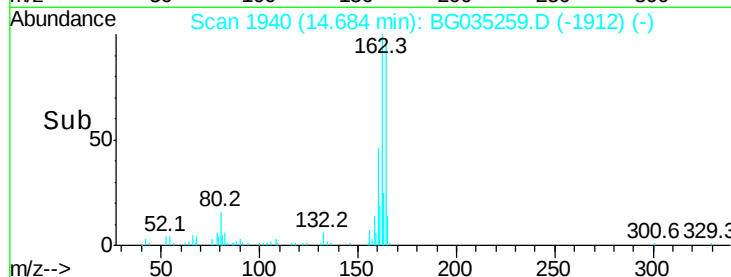
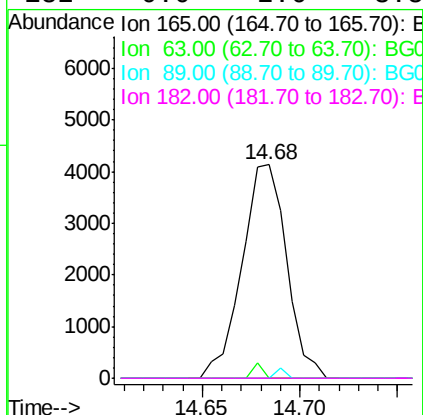
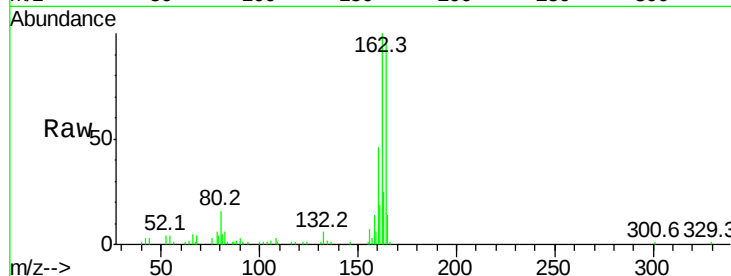




#56
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

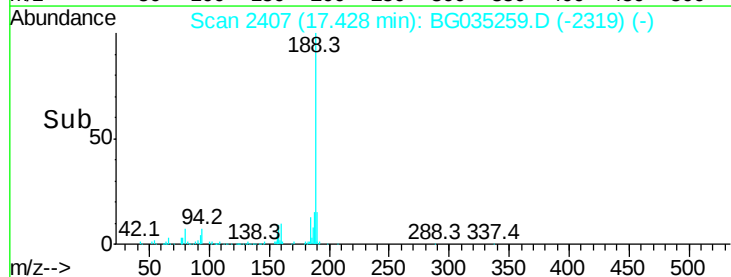
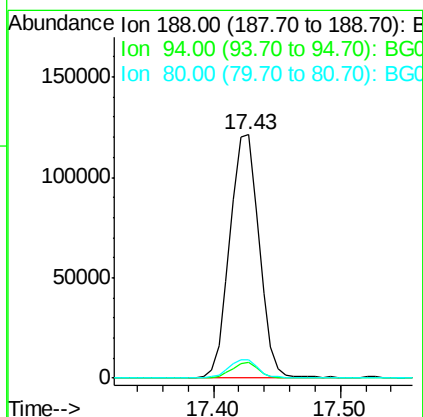
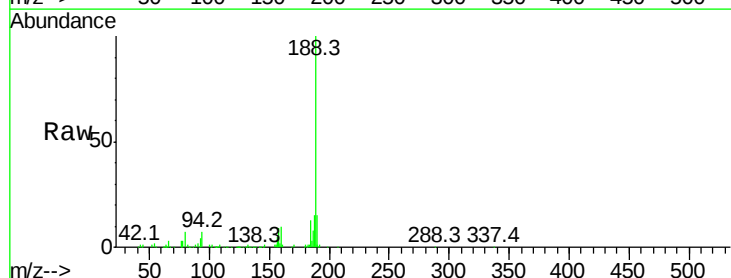
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 6544
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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:188 Resp: 194761
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.5 7.7 11.5#

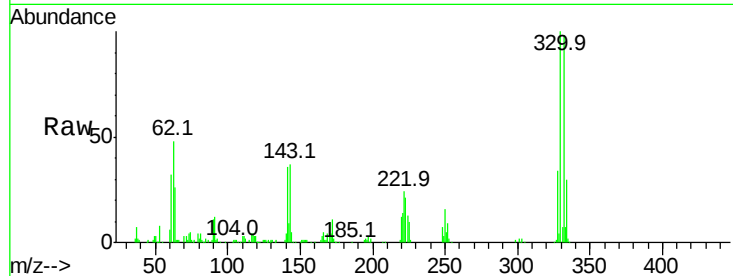




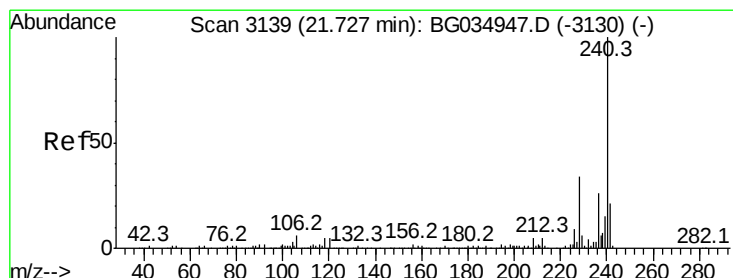
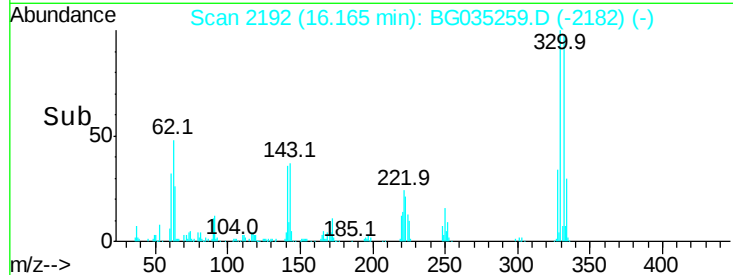
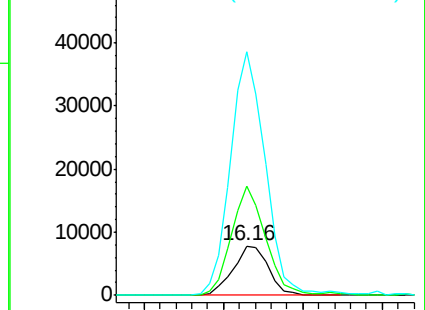
#66
4-Bromophenyl-phenylether
Concen: 5.150 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12078
Ion Ratio Lower Upper
248 100
250 221.1 77.1 115.7#
141 493.8 50.8 76.2#

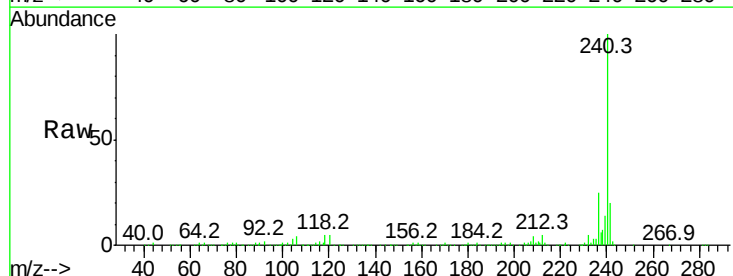


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

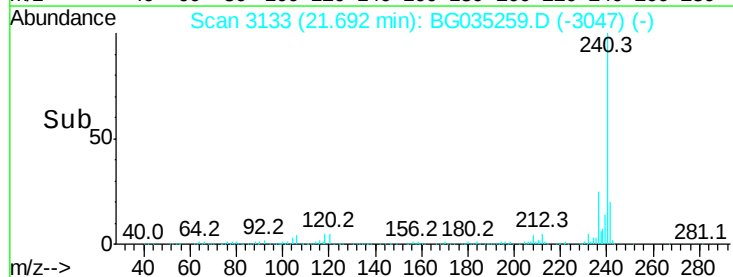
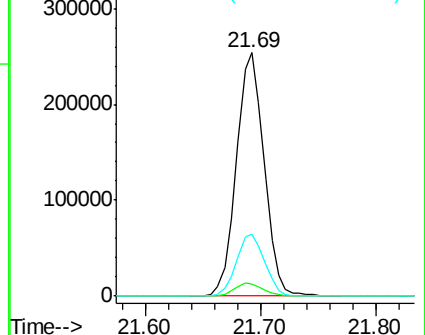


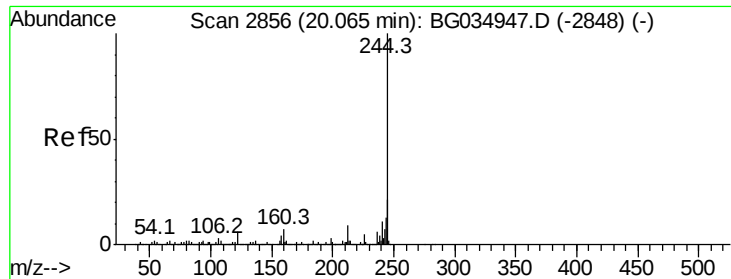
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:240 Resp: 421028
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 25.4 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

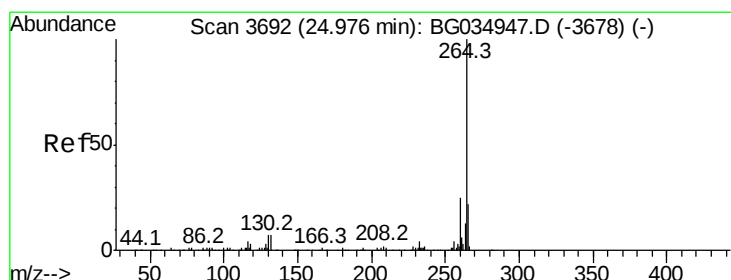
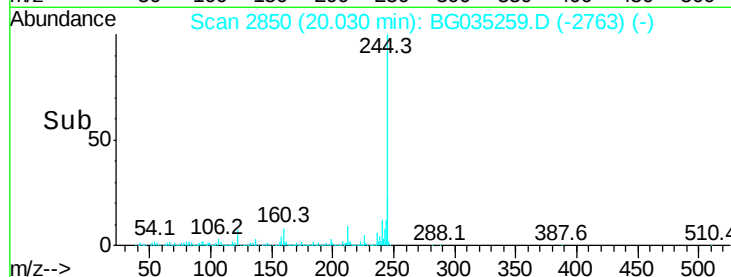
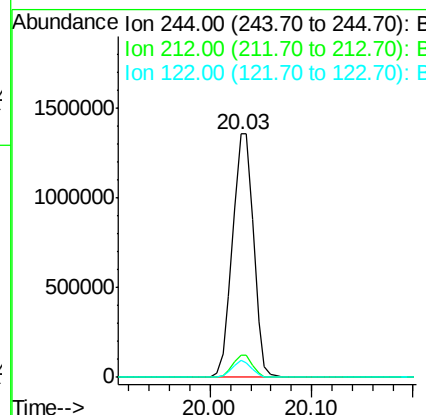
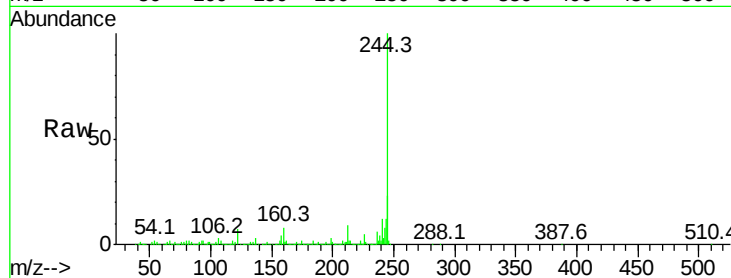




#78
 Terphenyl-d14
 Concen: 97.383 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035259.D
 Acq: 19 Jun 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1957382
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 7.1 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: BG035259.D
 Acq: 19 Jun 2018 22:15

Tgt Ion:264 Resp: 361962
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 22.0 17.7 26.5

