

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035191.D
 Acq On : 16 Jun 2018 3:28
 Operator : SJ/JU
 Sample : PB110191BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 04:13:38 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

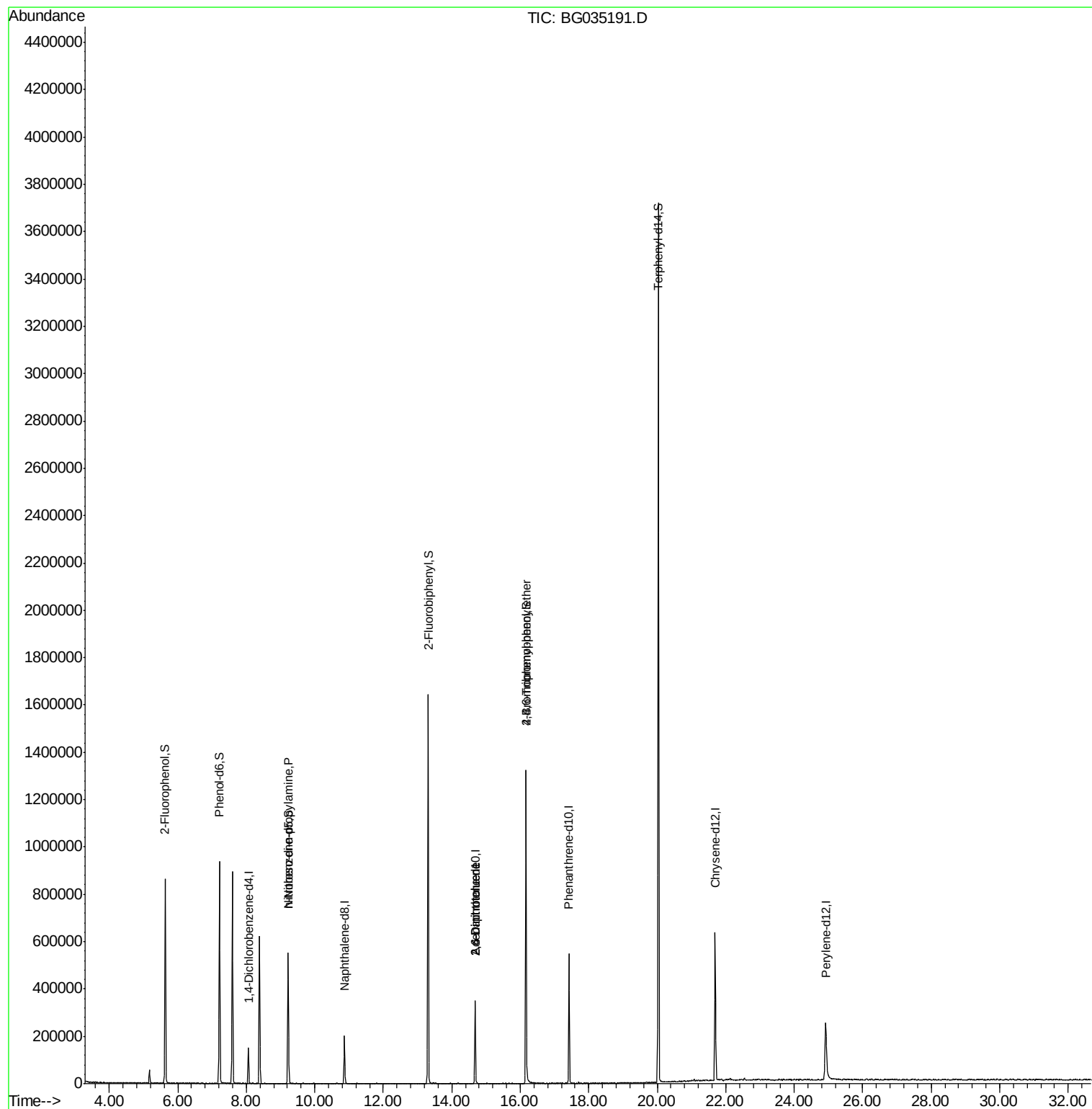
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42563	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	161315	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	120824	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	357580	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	400540	20.00	ng	-0.02
86) Perylene-d12	24.92	264	340904	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380938	151.04	ng	-0.01
7) Phenol-d6	7.22	99	564955	151.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	358614	105.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	265955	171.95	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	884487	95.17	ng	-0.02
78) Terphenyl-d14	20.04	244	1766798	92.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48408	15.307	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	17398	9.051	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	17398	6.814	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	20131	4.675	ng	# 1

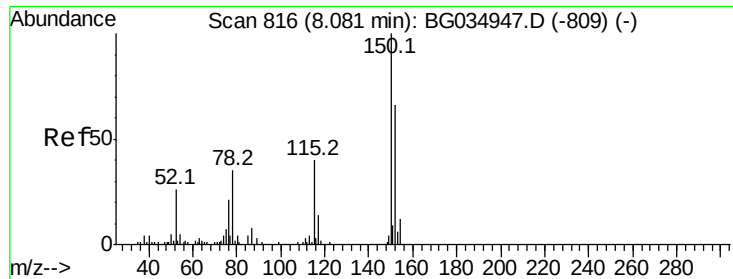
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampled :

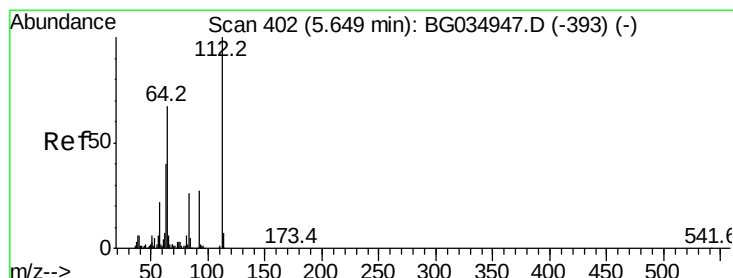
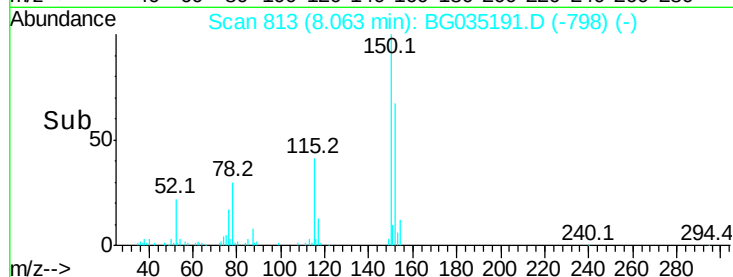
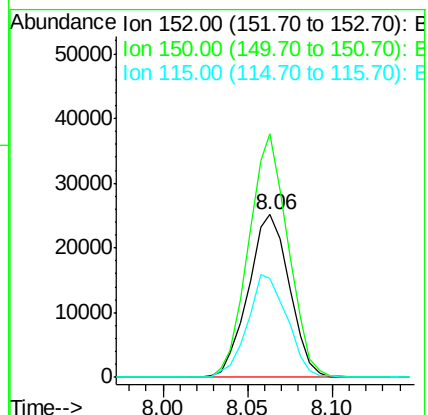
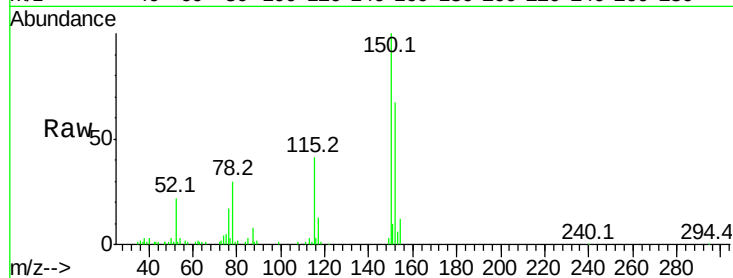
Tot Ion:152 Resp: 42563

Ion Ratio Lower Upper

152 100

150 149.8 126.6 189.8

115 61.1 53.0 79.4



#5

2-Fluorophenol

Concen: 151.041 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

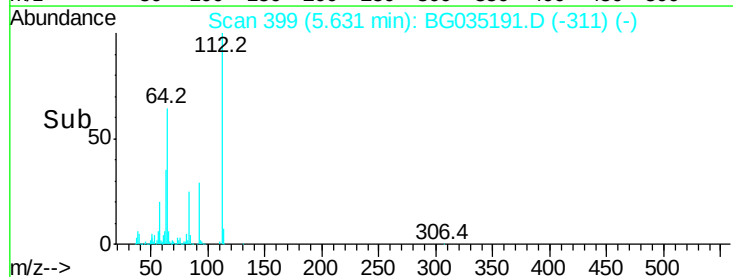
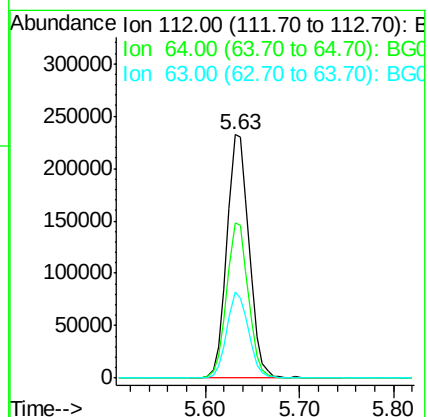
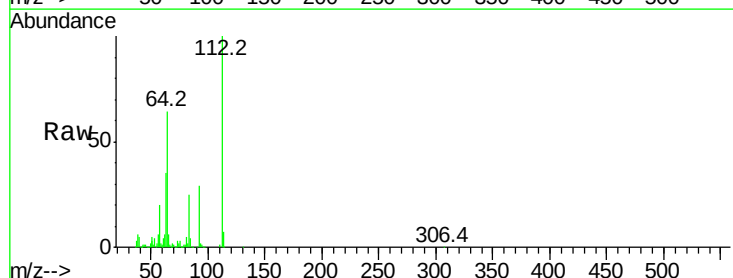
Tgt Ion:112 Resp: 380938

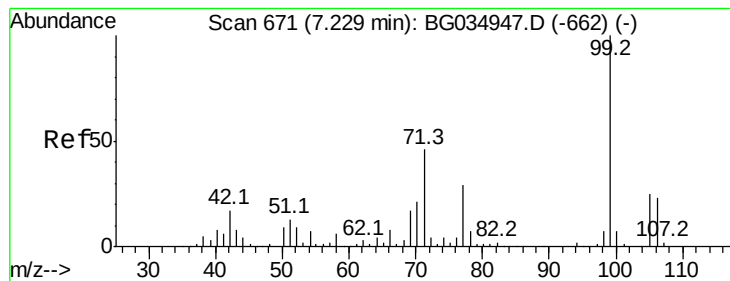
Ion Ratio Lower Upper

112 100

64 63.7 56.3 84.5

63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 151.769 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampleId :

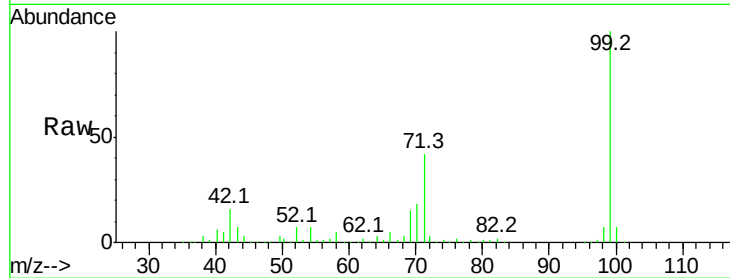
Tot Ion: 99 Resp: 564955

Ion Ratio Lower Upper

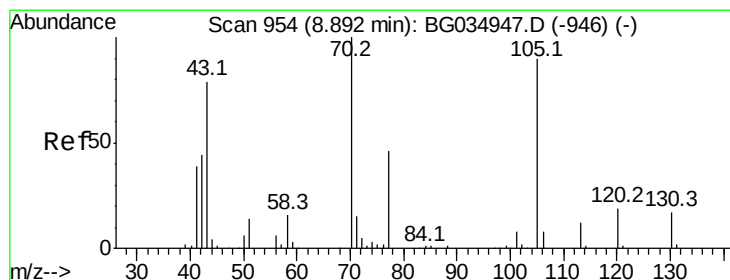
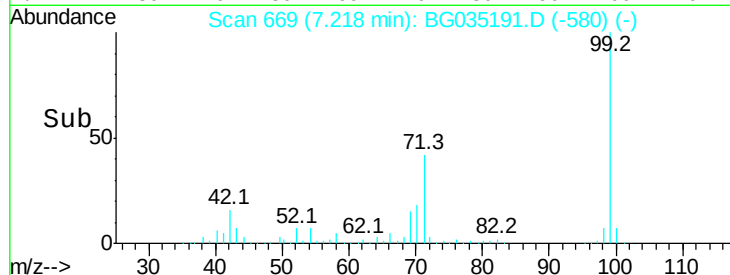
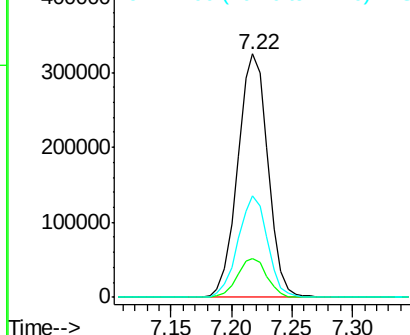
99 100

42 15.9 14.1 21.1

71 41.9 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: 15.307 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Tgt Ion: 70 Resp: 48408

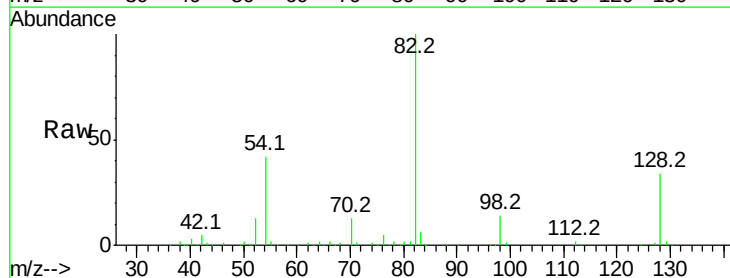
Ion Ratio Lower Upper

70 100

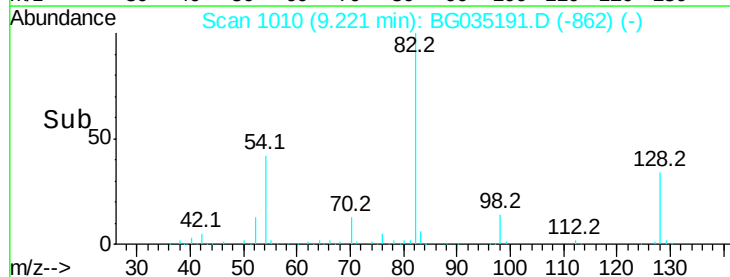
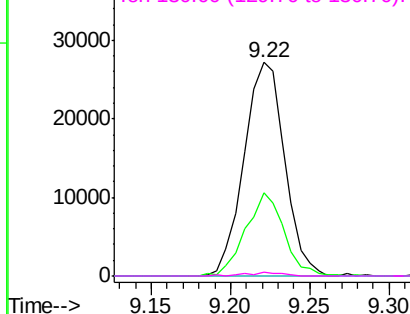
42 38.7 49.1 73.7#

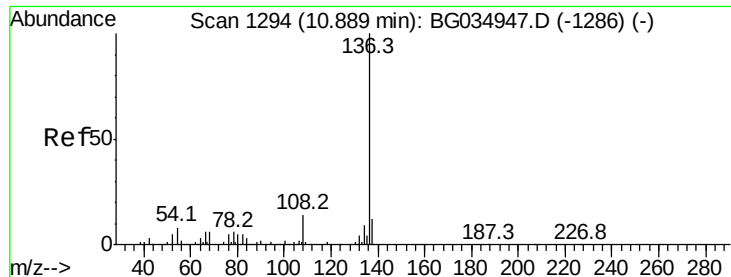
101 0.0 8.5 12.7#

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

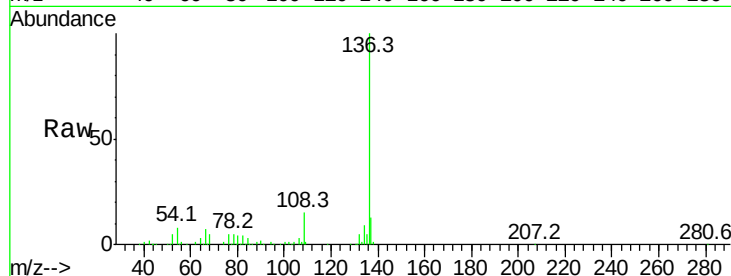




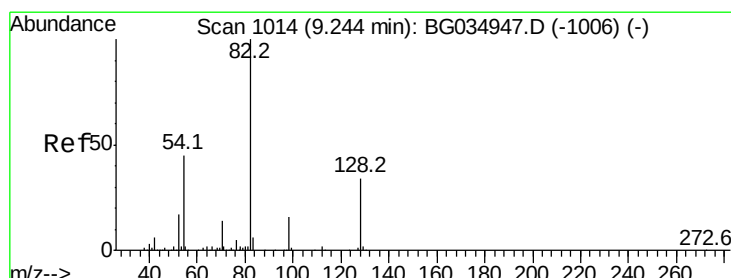
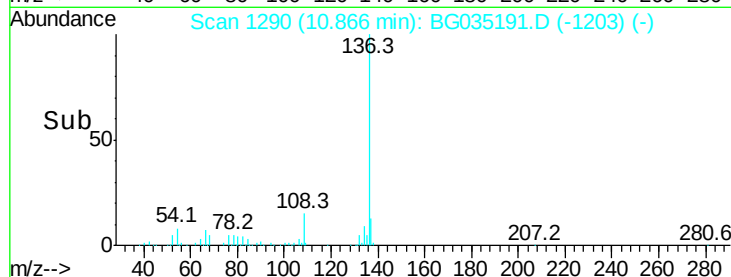
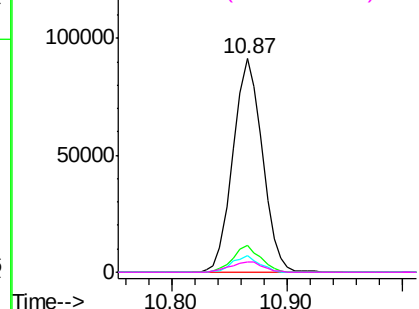
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035191.D
Acq: 16 Jun 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	161315
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	7.8	10.3	15.5#
68	5.0	4.5	6.7

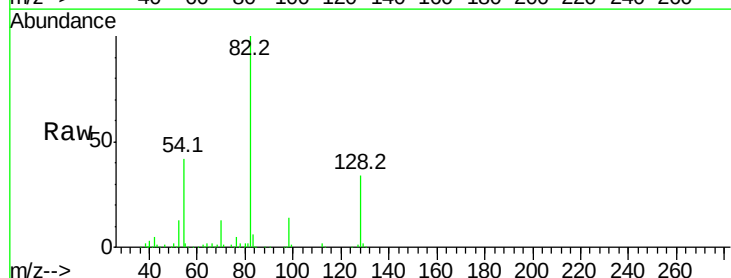


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

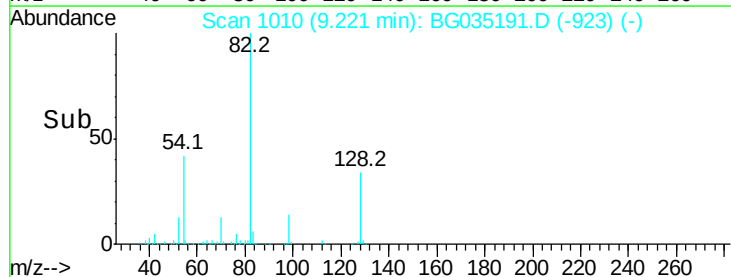
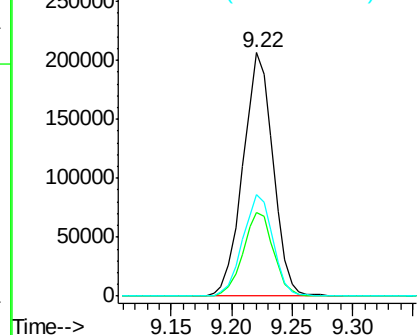


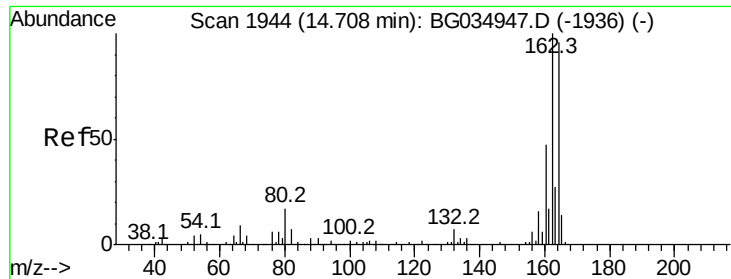
#23
Nitrobenzene-d5
Concen: 105.672 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035191.D
Acq: 16 Jun 2018 3:28

Tgt Ion:	82	Resp:	358614
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	41.6	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

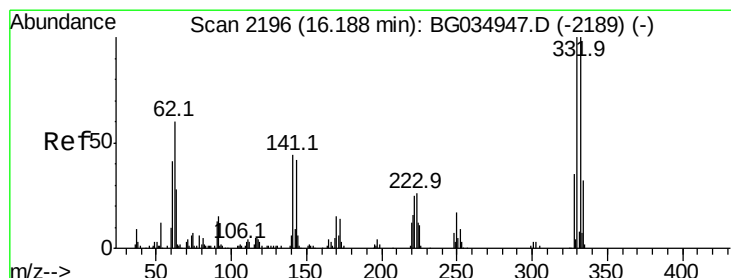
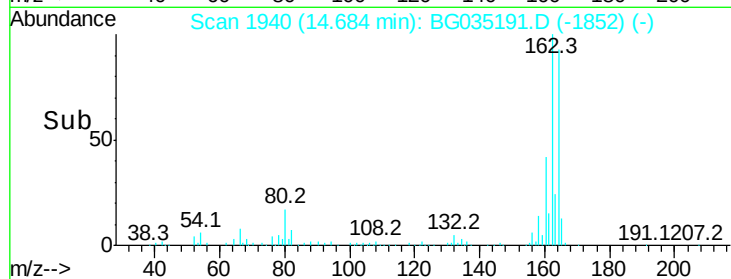
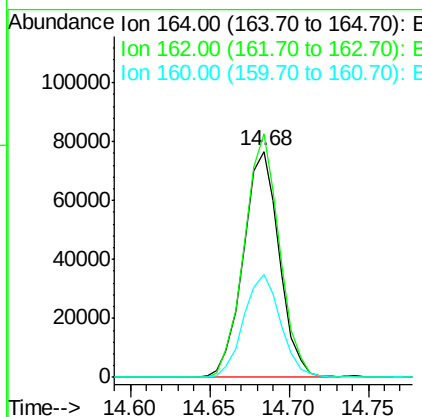
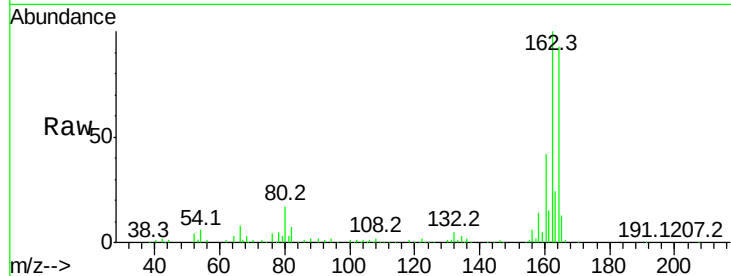




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

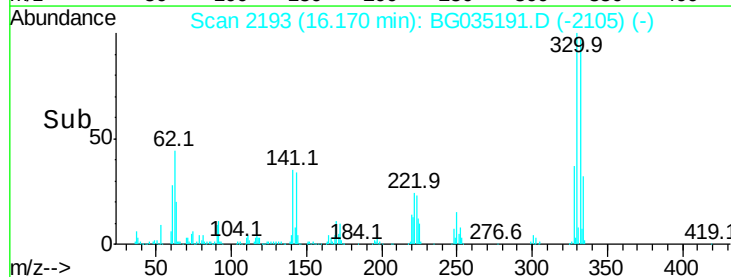
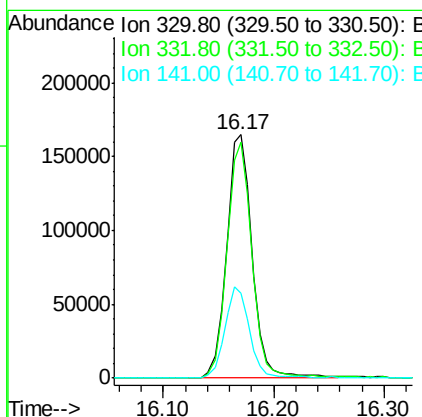
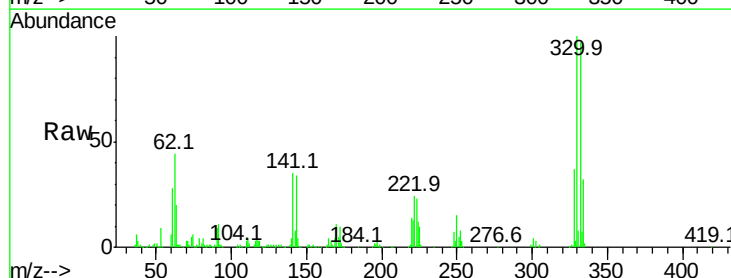
Instrument :
 BNA_G
 ClientSampleId :

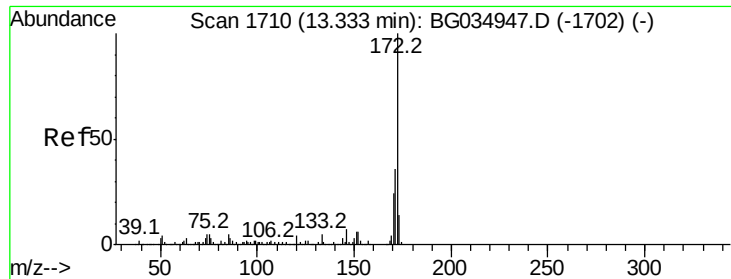
Tot Ion:164 Resp: 120824
 Ion Ratio Lower Upper
 164 100
 162 107.8 78.8 118.2
 160 45.8 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 171.950 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

Tgt Ion:330 Resp: 265955
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 36.4 25.2 37.8

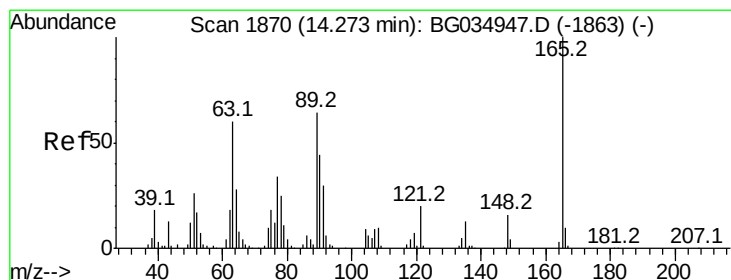
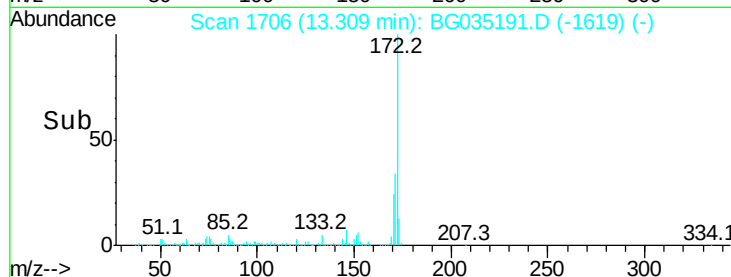
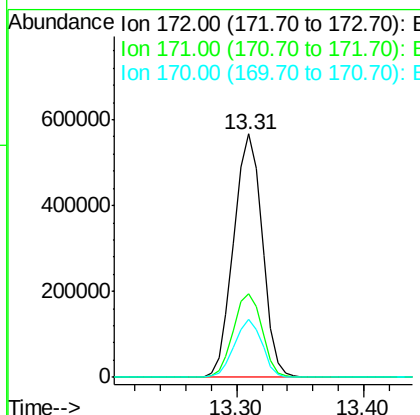
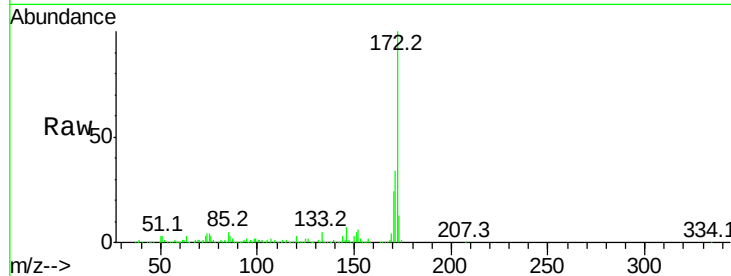




#44
 2-Fluorobiphenyl
 Concen: 95.166 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

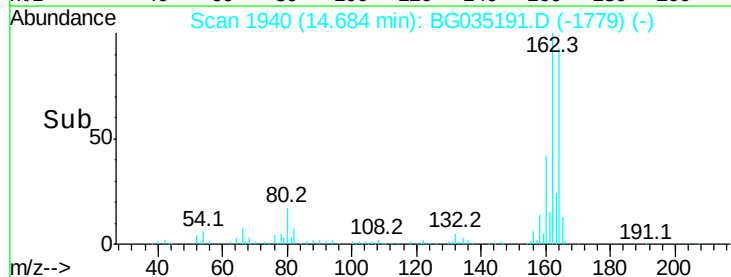
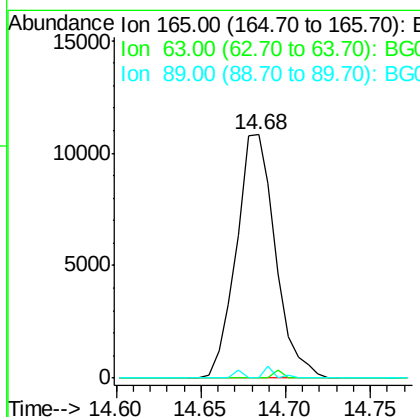
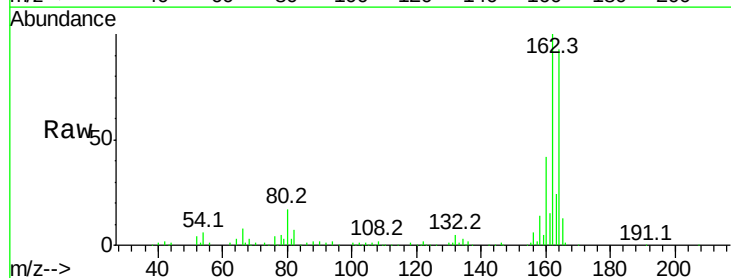
Instrument :
 BNA_G
 ClientSampleId :

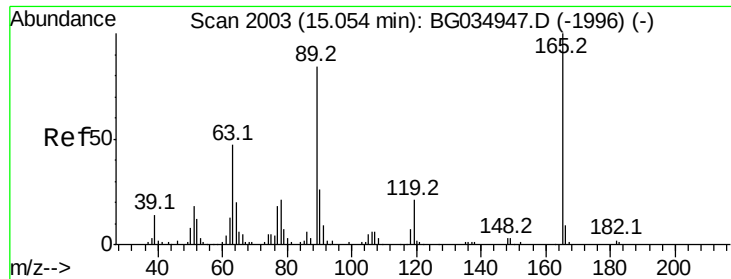
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.7	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 9.051 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

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

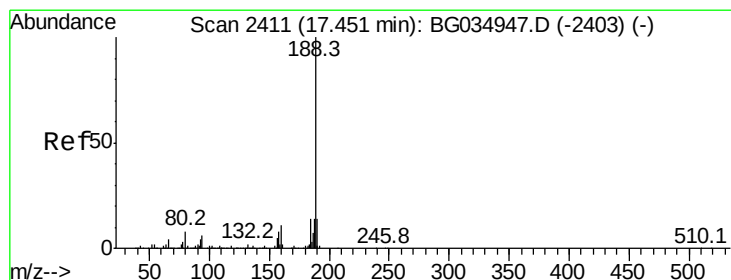
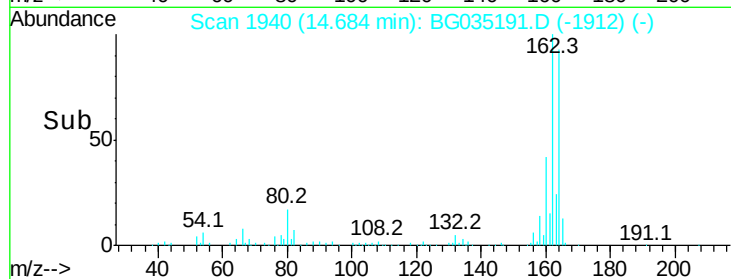
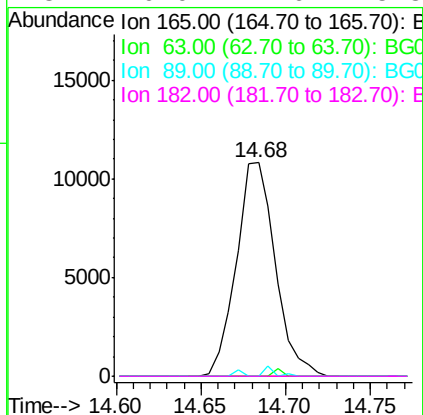
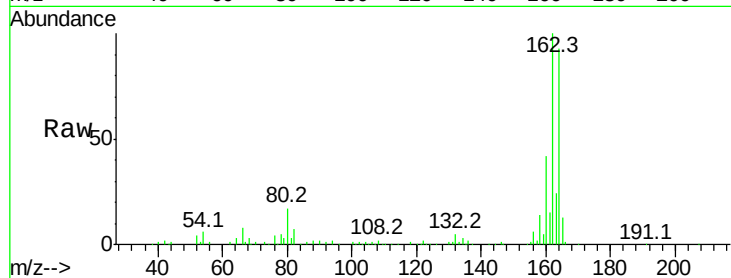




#56
 2,4-Dinitrotoluene
 Concen: 6.814 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

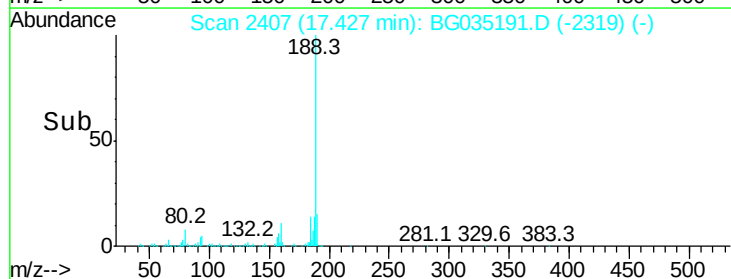
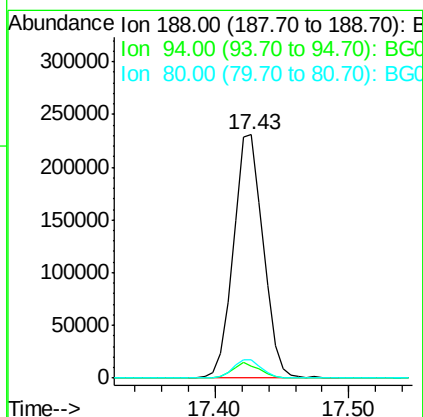
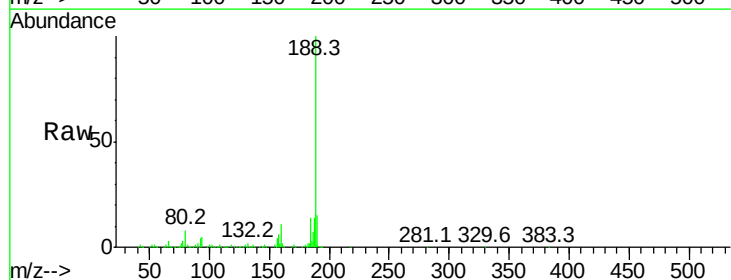
Instrument :
 BNA_G
 ClientSampleId :

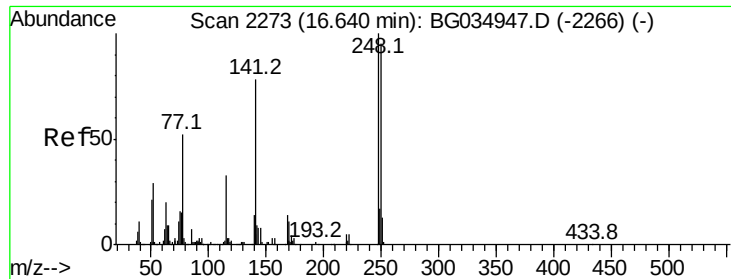
Tot Ion:165	Resp: 17398
Ion Ratio	Lower Upper
165 100	
63 0.0	42.0 63.0#
89 0.0	66.9 100.3#
182 0.0	2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

Tgt	Ion:188	Resp:	357580
Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	7.7	7.7	11.5

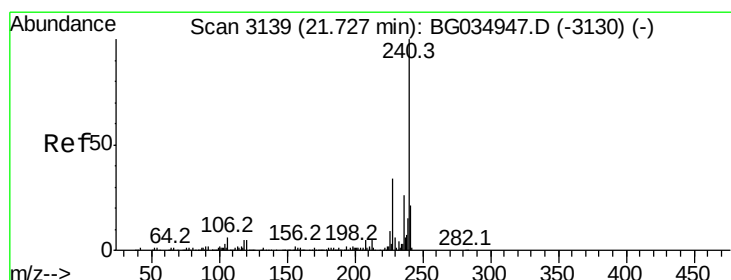
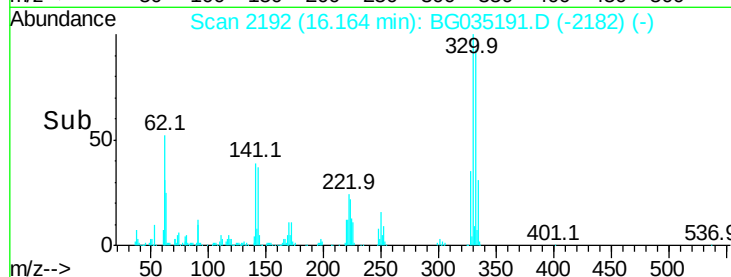
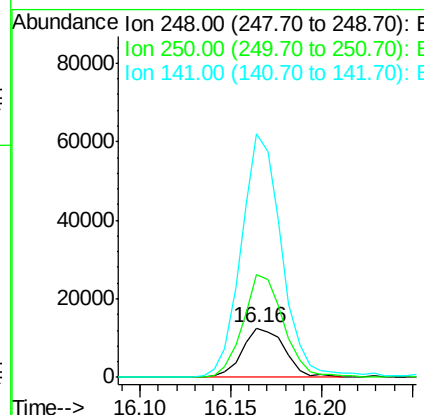
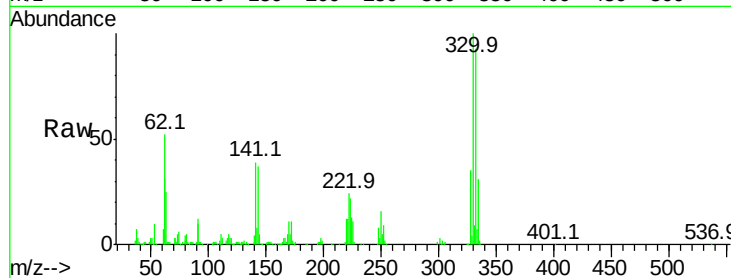




#66
 4-Bromophenyl-phenylether
 Concen: 4.675 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

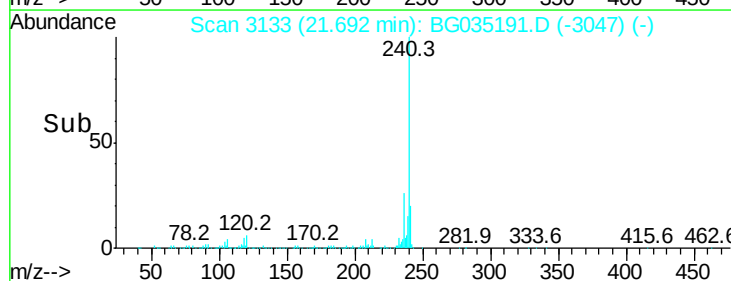
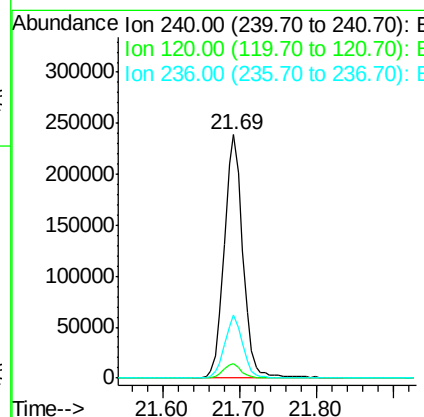
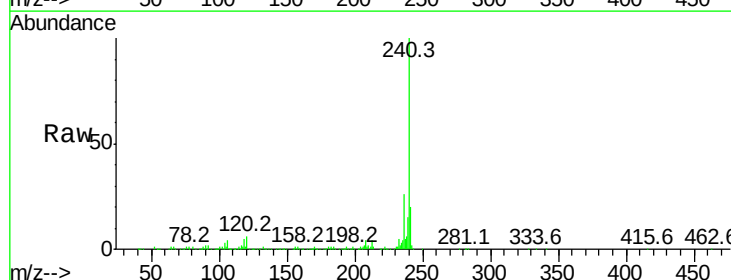
Instrument :
 BNA_G
 ClientSampled :

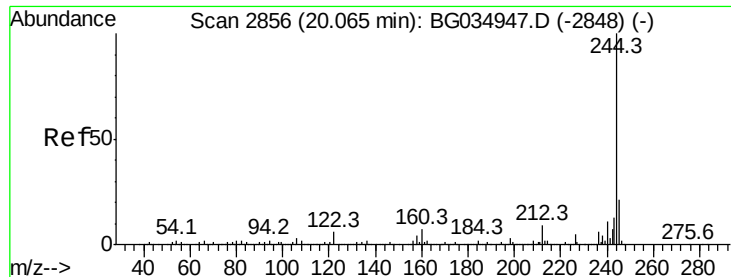
Tot Ion	Ratio	Lower	Upper
248	100		
250	208.1	77.1	115.7#
141	490.6	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 92.397 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampleId :

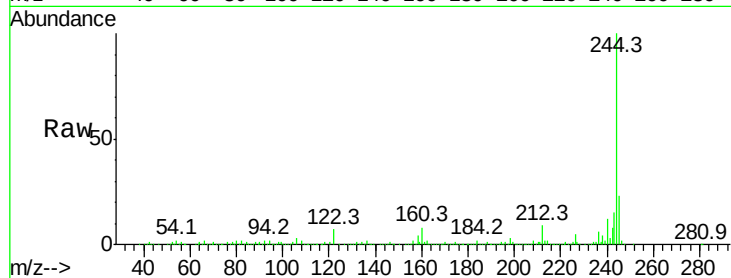
Tot Ion:244 Resp: 1766798

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

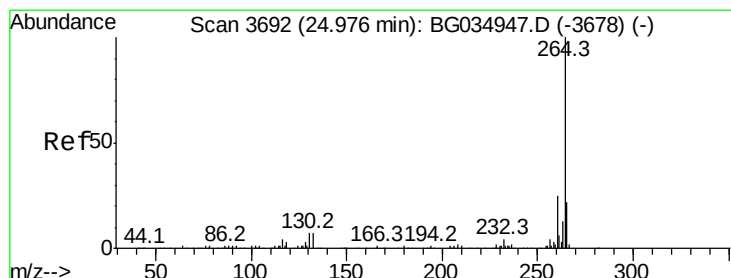
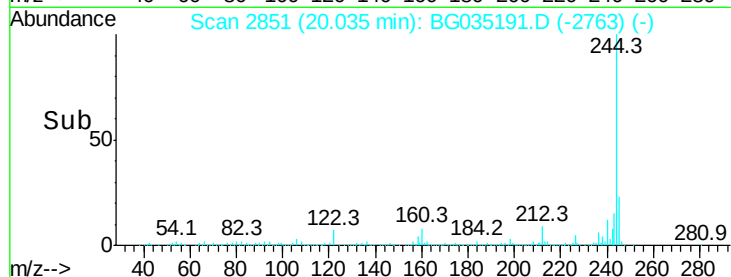
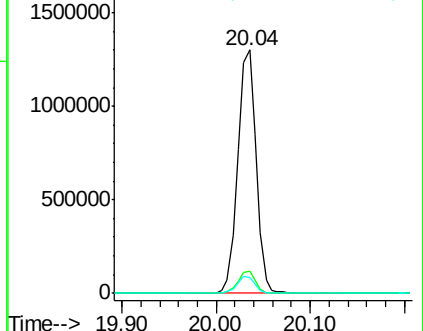
122 6.6 7.0 10.4#



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# 3682

Delta R.T. -0.04 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

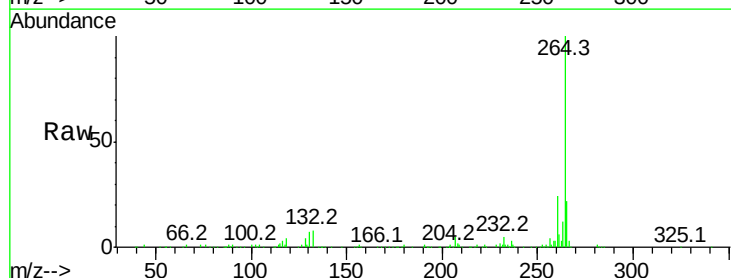
Tgt Ion:264 Resp: 340904

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.7 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

