

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035145.D
 Acq On : 14 Jun 2018 19:50
 Operator : SJ/JU
 Sample : J3467-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 02:04:27 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

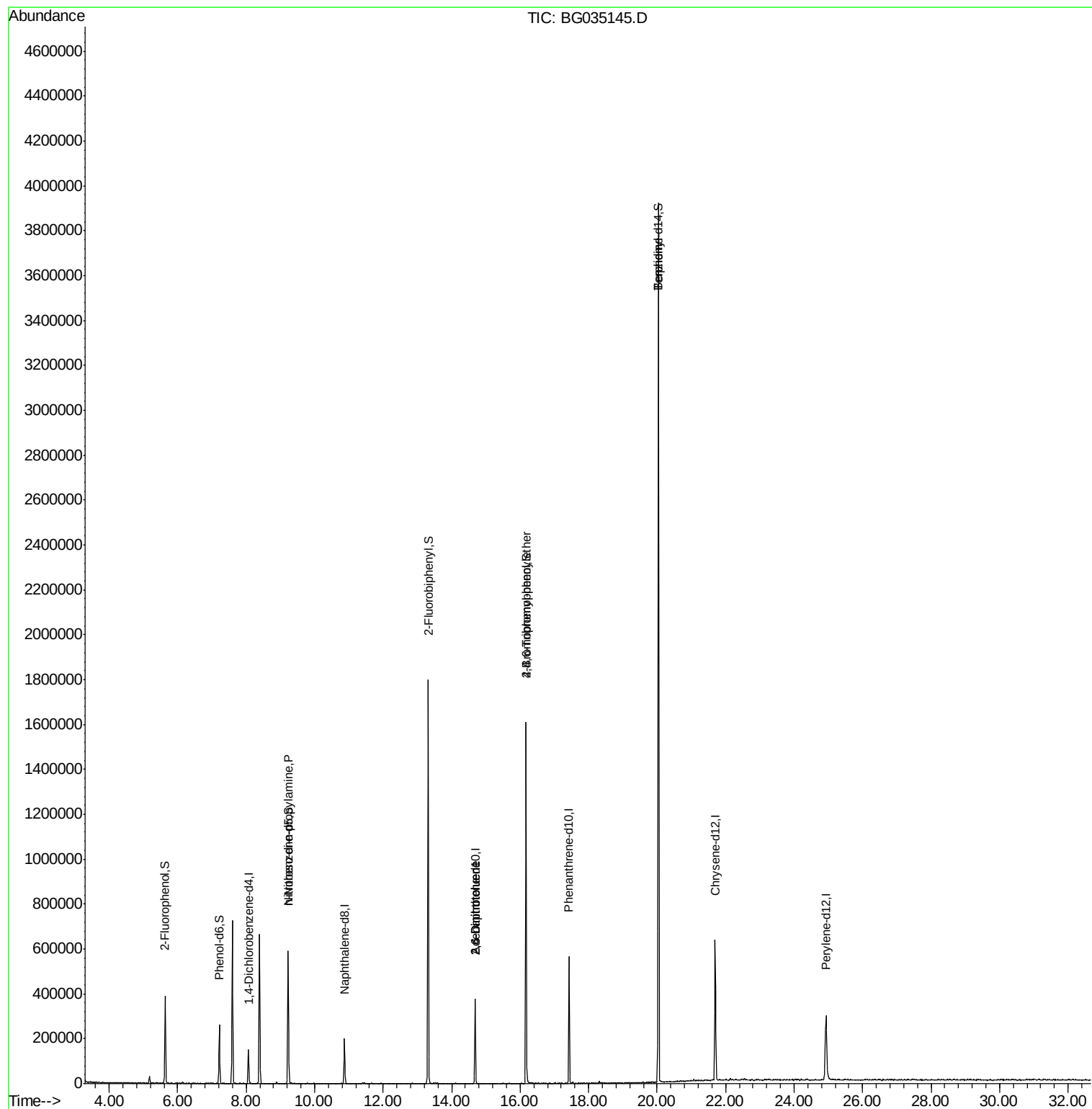
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	43536	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	166154	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	130435	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	361280	20.00	ng	0.00
75) Chrysene-d12	21.69	240	397487	20.00	ng	-0.02
86) Perylene-d12	24.93	264	366940	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	165785	64.26	ng	0.00
7) Phenol-d6	7.21	99	153338	40.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	397707	113.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	301357	180.48	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	947790	94.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1832948	96.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53948	16.677	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	17790	8.573	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	17790	6.454	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	23591	5.422	ng	# 1
76) Benzidine	20.04	184	31781	2.149	ng	# 93

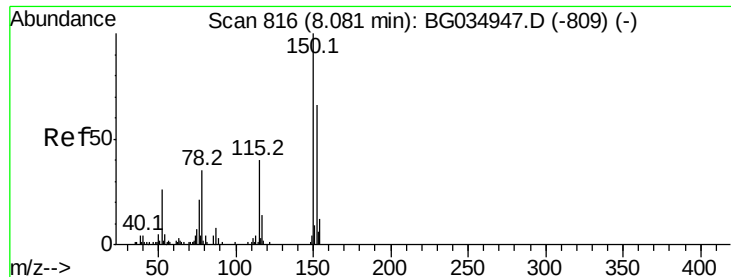
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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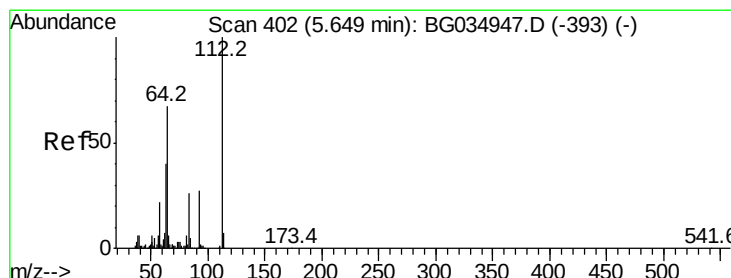
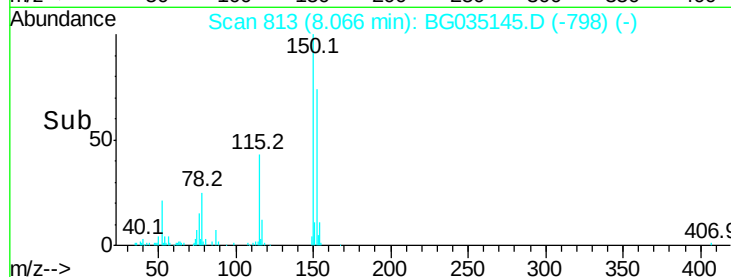
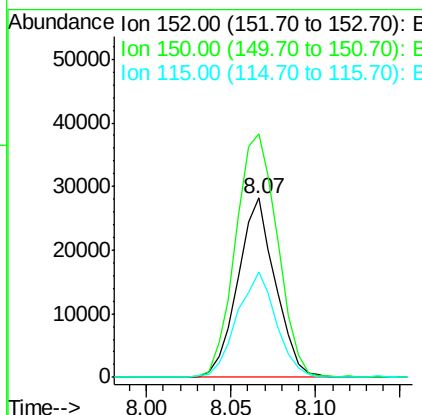
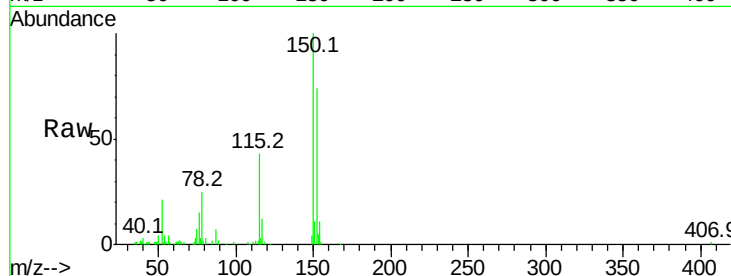


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Instrument :
BNA_G
ClientSampleId :

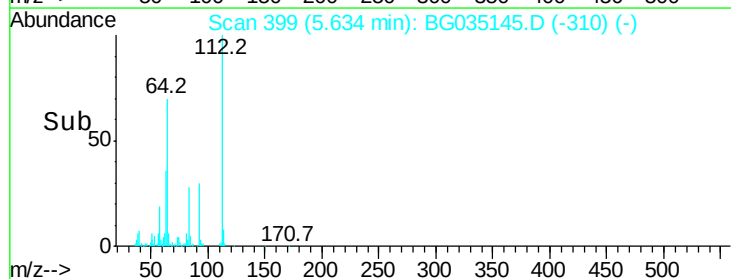
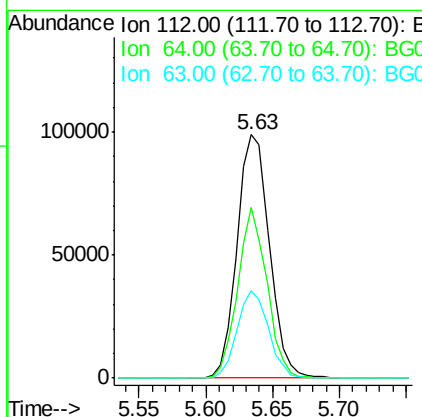
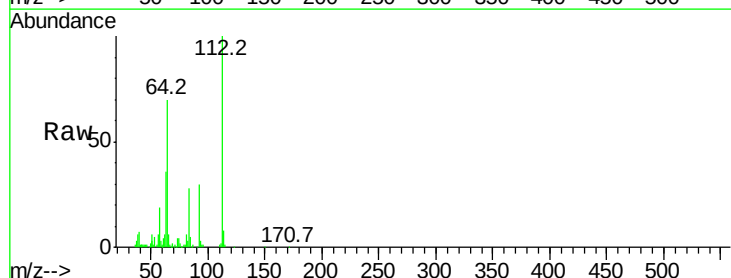
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.8	126.6	189.8
115	58.9	53.0	79.4

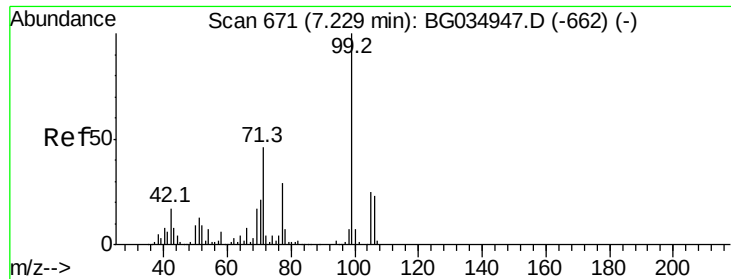


#5

2-Fluorophenol
Concen: 64.264 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 40.272 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Instrument :

BNA_G

ClientSampleId :

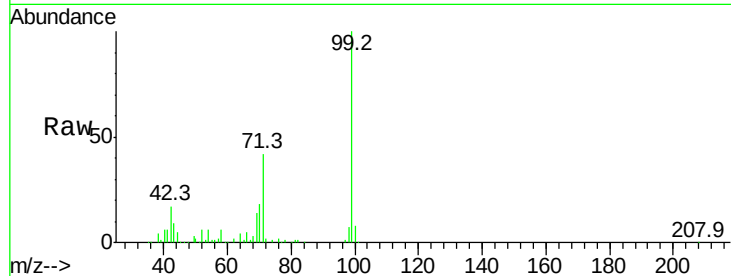
Tot Ion: 99 Resp: 153338

Ion Ratio Lower Upper

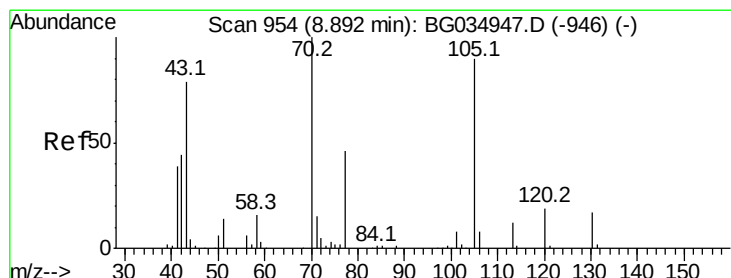
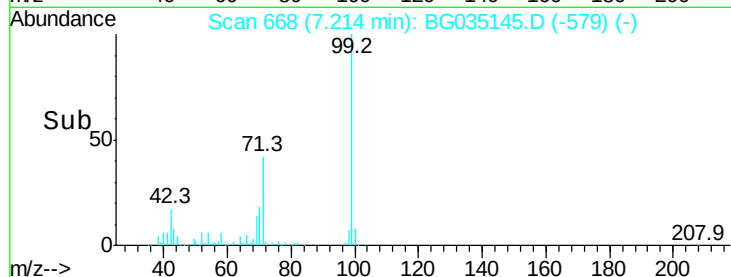
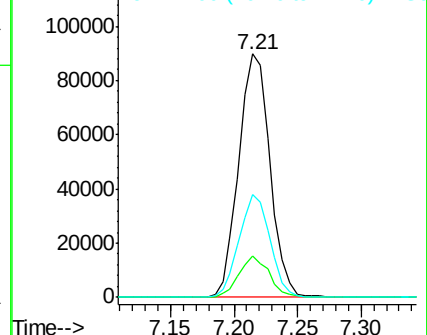
99 100

42 16.8 14.1 21.1

71 42.3 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: 16.677 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Tgt Ion: 70 Resp: 53948

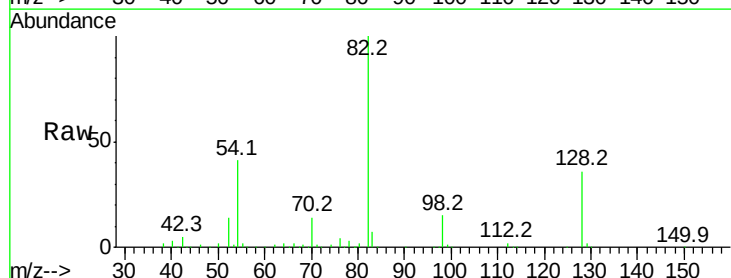
Ion Ratio Lower Upper

70 100

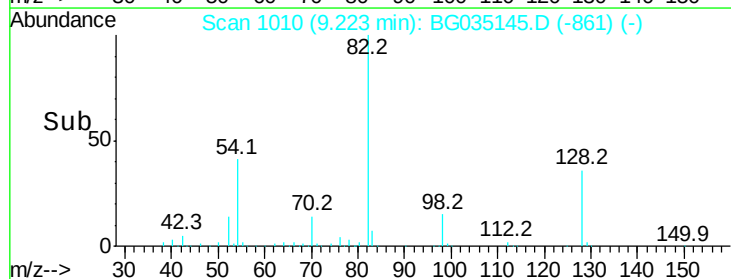
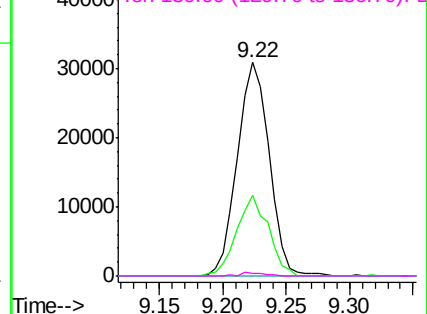
42 37.9 49.1 73.7#

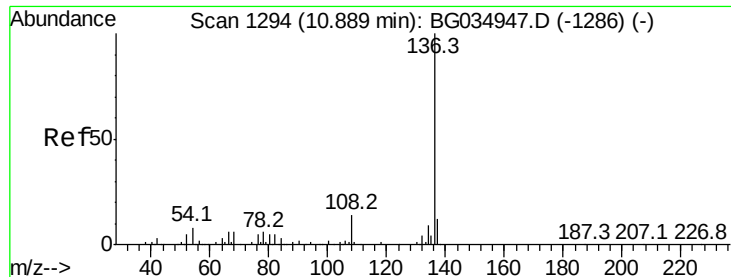
101 0.0 8.5 12.7#

130 1.2 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

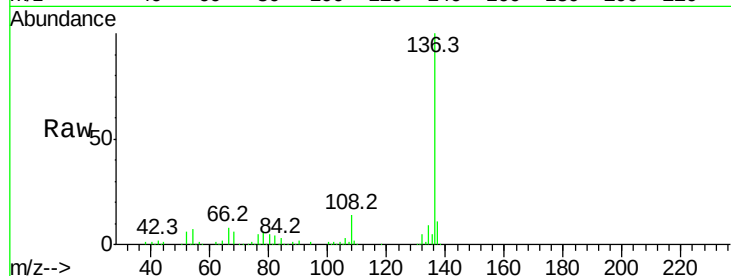




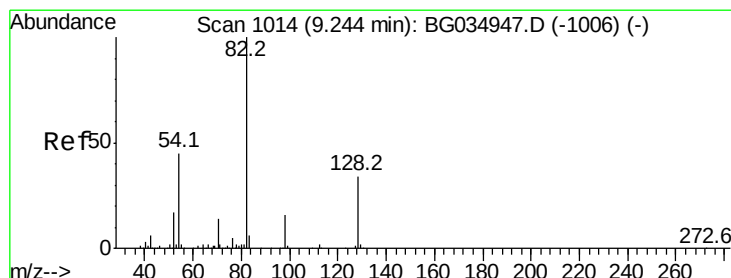
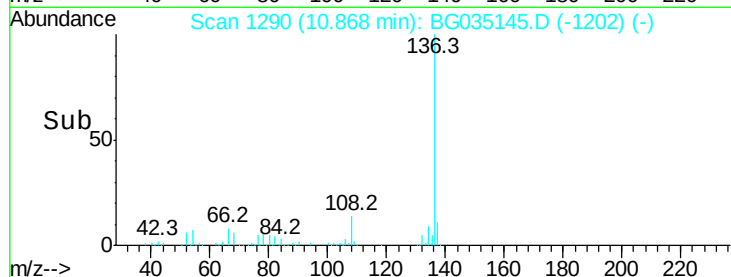
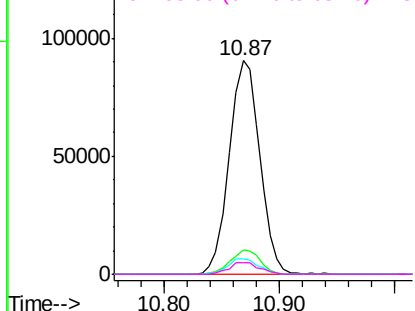
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp: 166154
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 7.1	10.3 15.5#
68 5.5	4.5 6.7

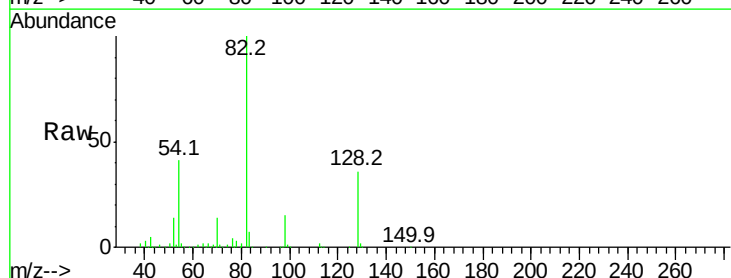


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

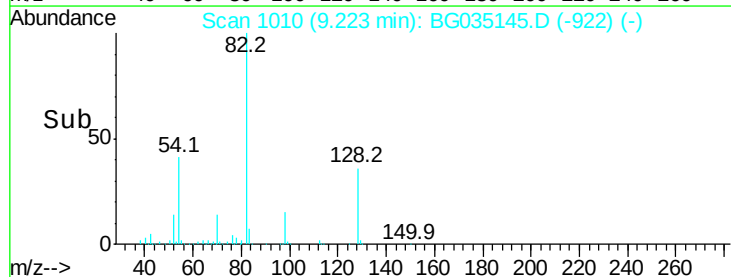
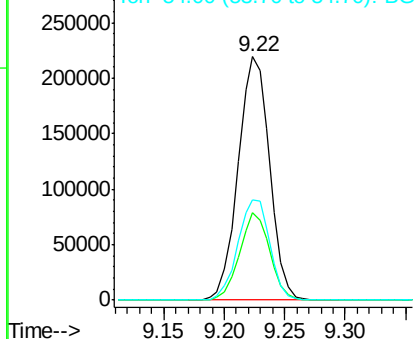


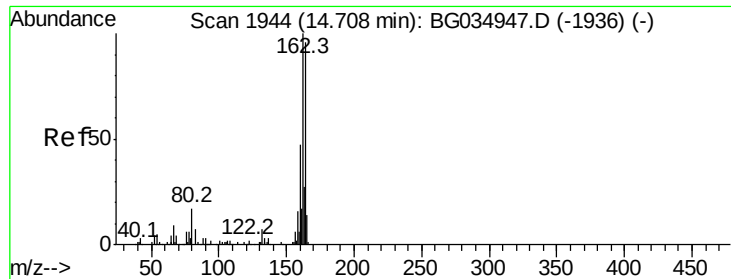
#23
Nitrobenzene-d5
Concen: 113.778 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Tgt Ion: 82	Resp: 397707
Ion Ratio	Lower Upper
82 100	
128 36.0	29.7 44.5
54 41.4	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

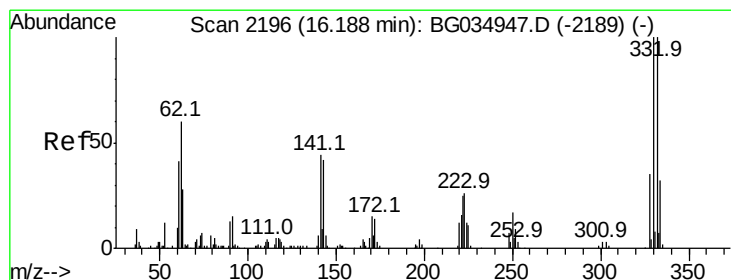
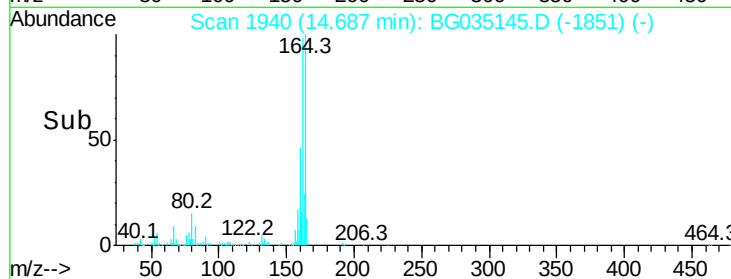
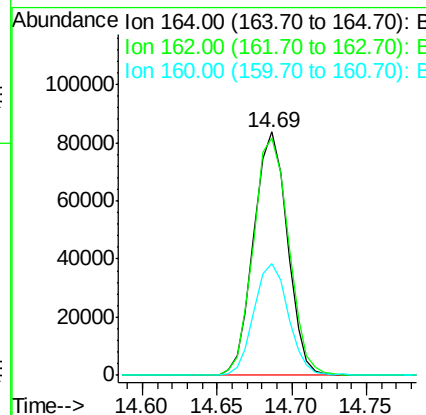
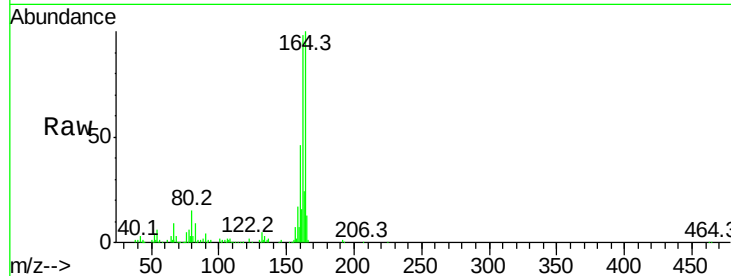




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

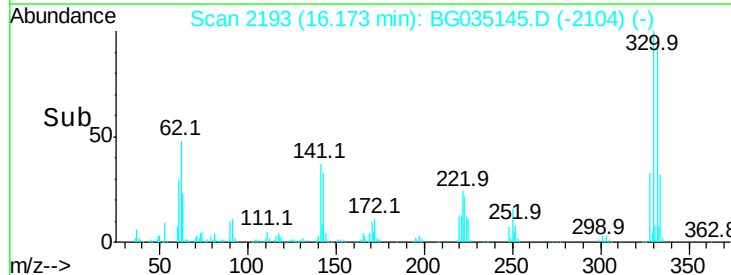
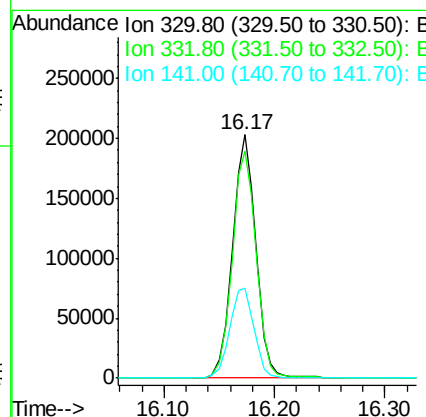
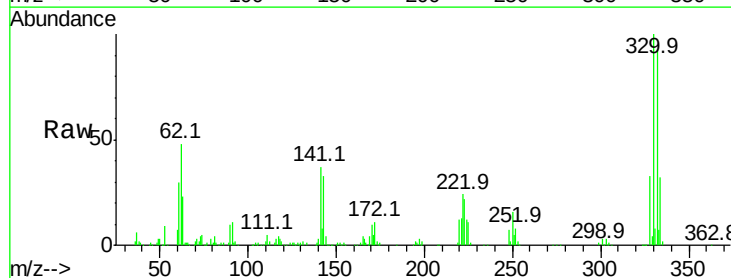
Instrument :
 BNA_G
 ClientSampled :

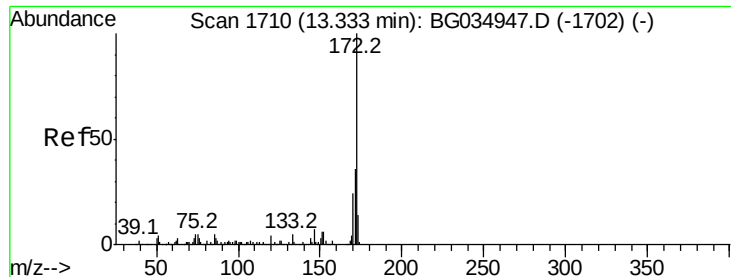
Tot Ion:164 Resp: 130435
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.8 118.2
 160 45.7 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 180.482 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Tgt Ion:330 Resp: 301357
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.6 25.2 37.8#

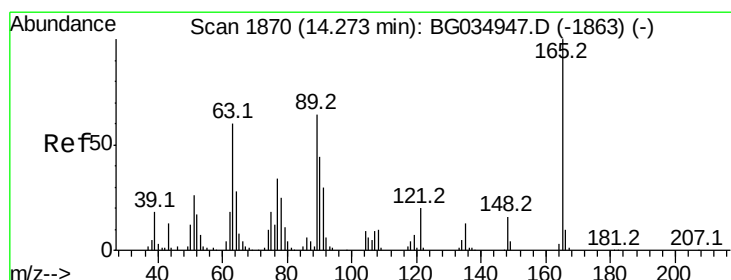
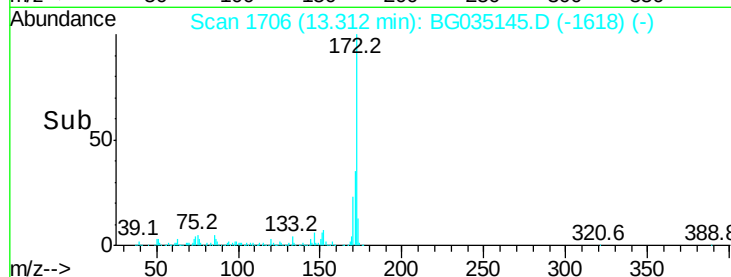
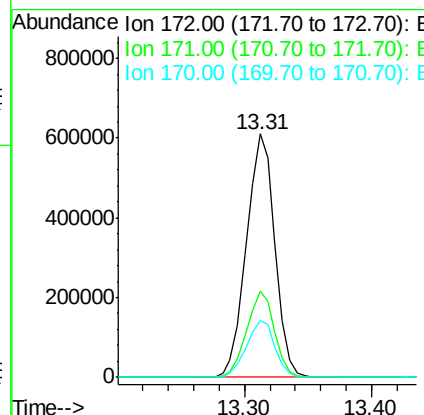
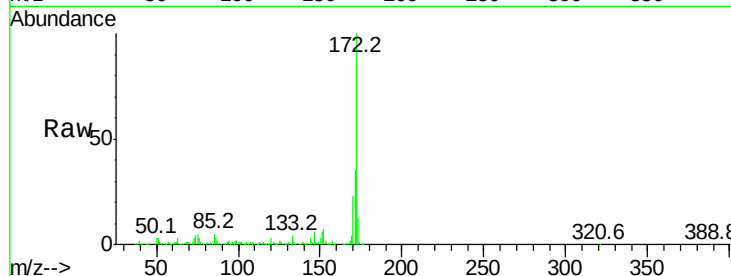




#44
 2-Fluorobiphenyl
 Concen: 94.463 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

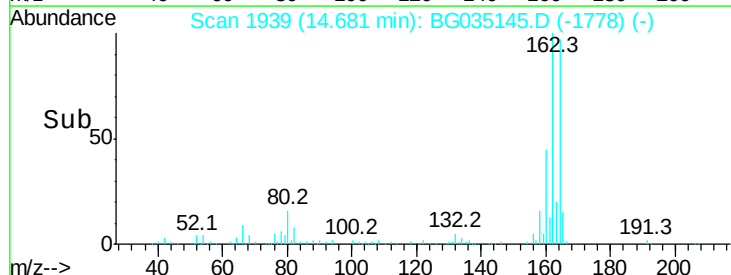
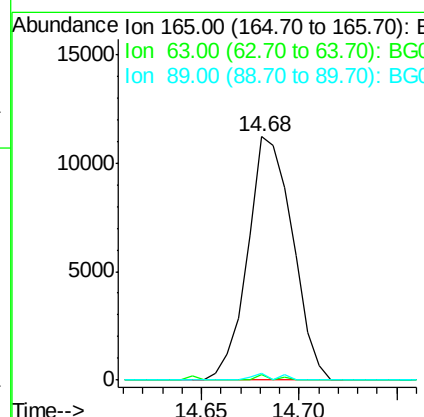
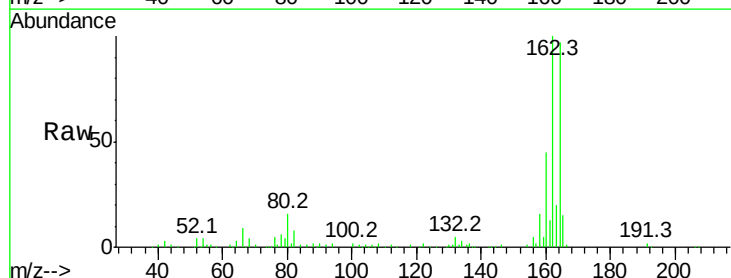
Instrument :
 BNA_G
 ClientSampleId :

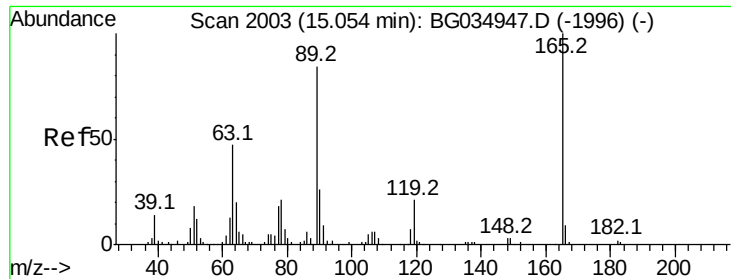
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.573 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	2.8	49.2	73.8#

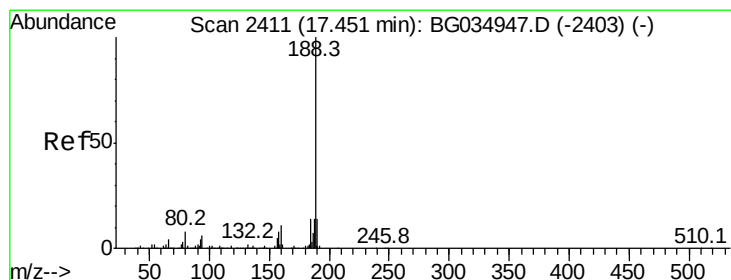
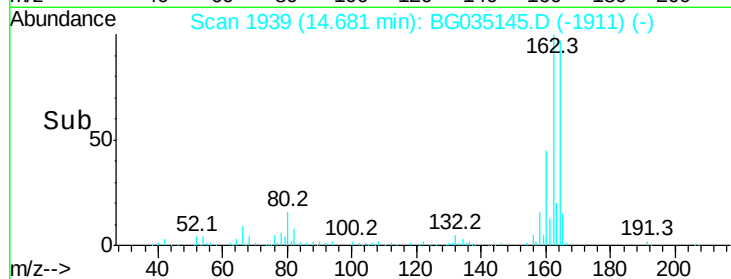
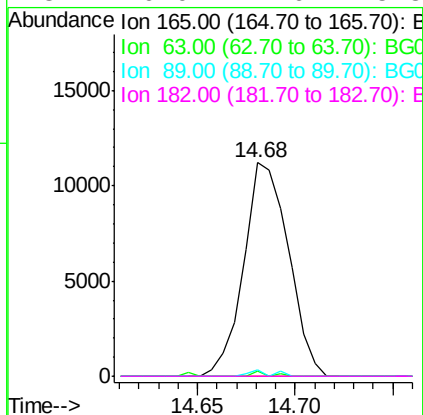
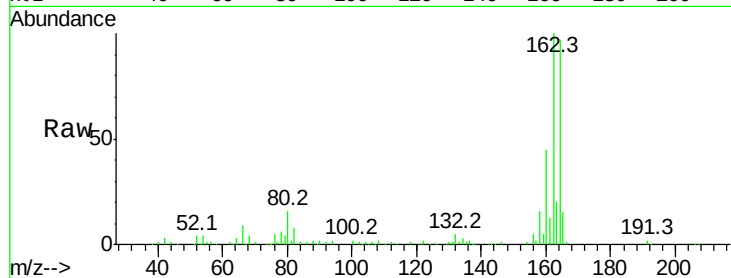




#56
 2,4-Dinitrotoluene
 Concen: 6.454 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

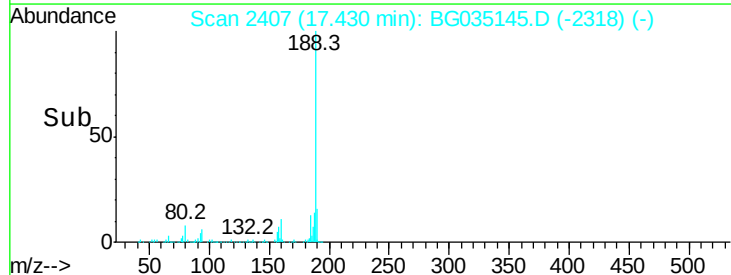
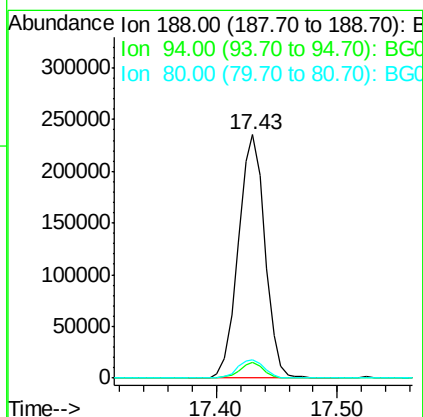
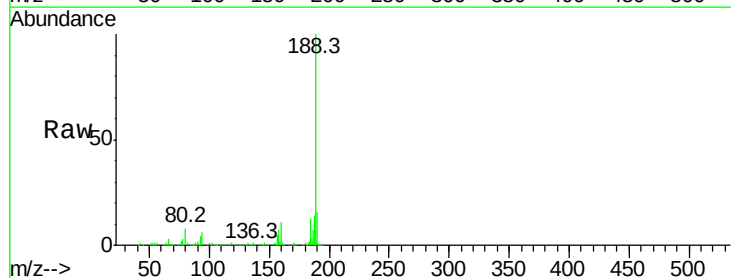
Instrument :
 BNA_G
 ClientSampleId :

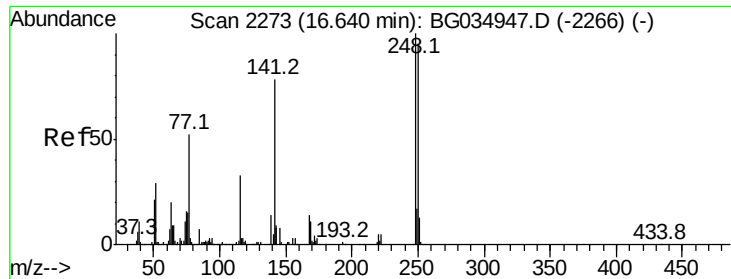
Tot Ion:	165	Resp:	17790
Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Tgt Ion:	188	Resp:	361280
Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.6	7.7	11.5#

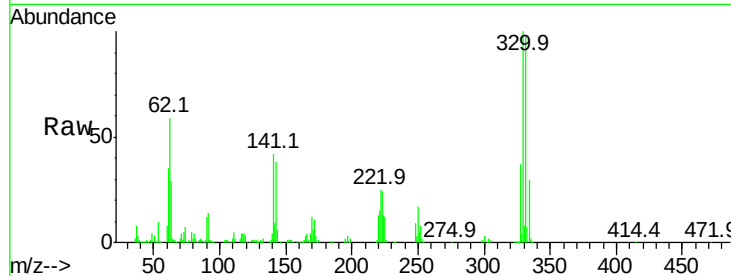




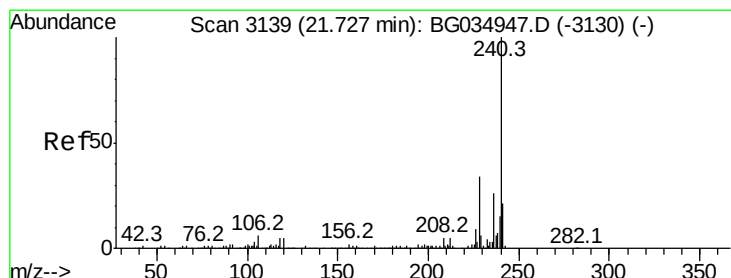
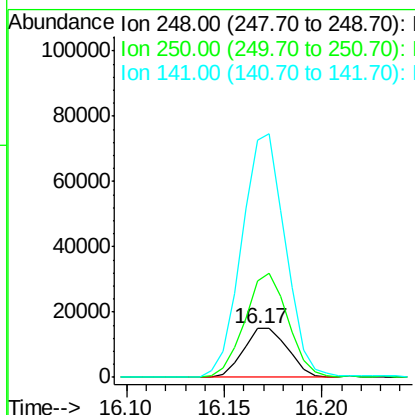
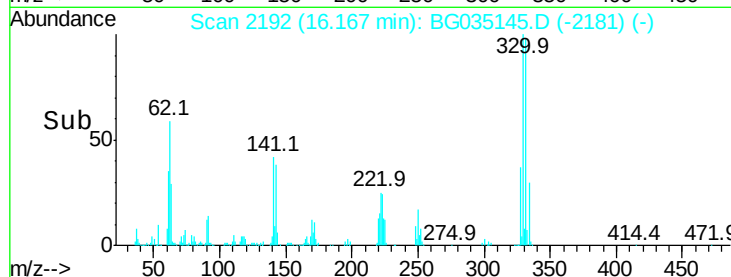
#66
4-Bromophenyl-phenylether
Concen: 5.422 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 23591
Ion Ratio Lower Upper
248 100
250 196.4 77.1 115.7#
141 484.1 50.8 76.2#

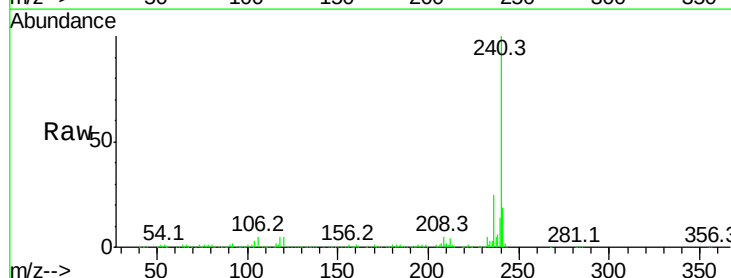


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

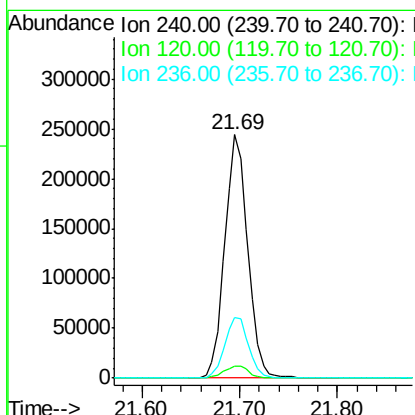
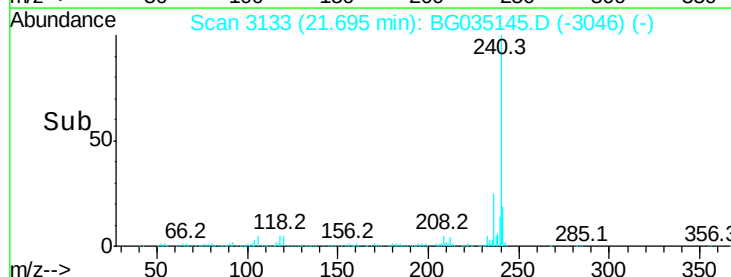


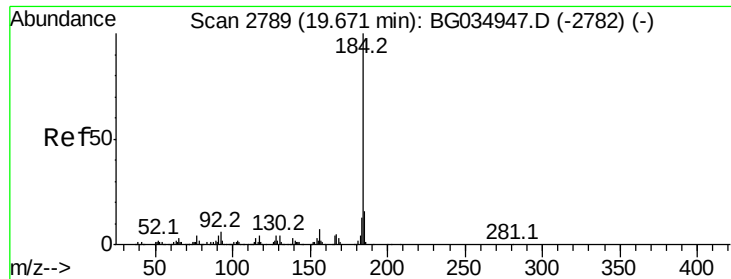
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Tgt Ion:240 Resp: 397487
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.1 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

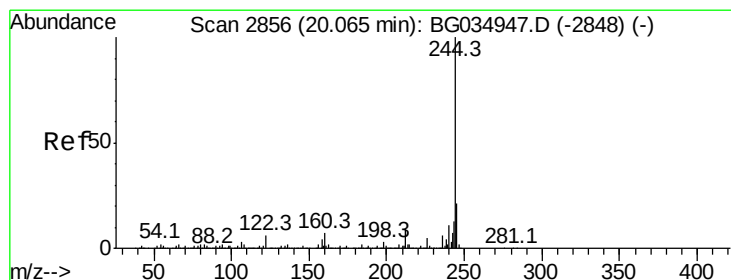
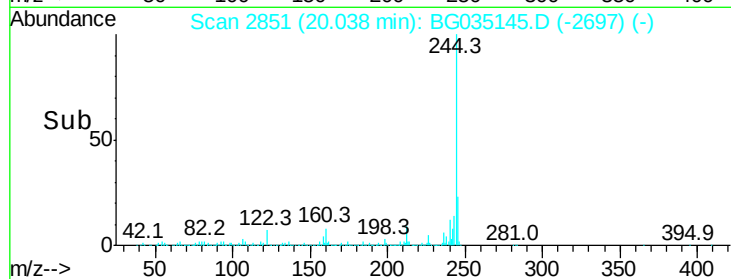
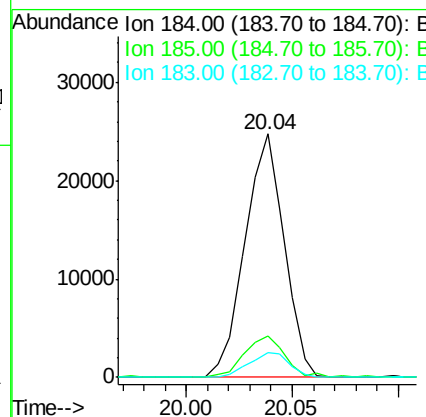
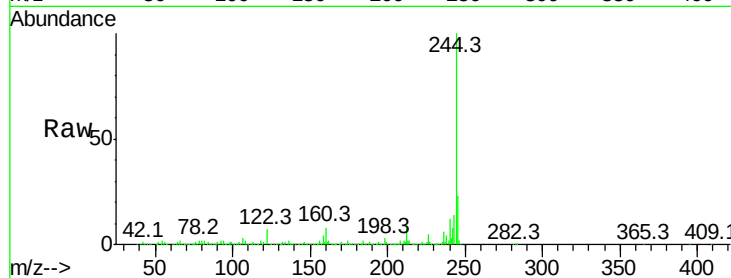




#76
Benzidine
Concen: 2.149 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

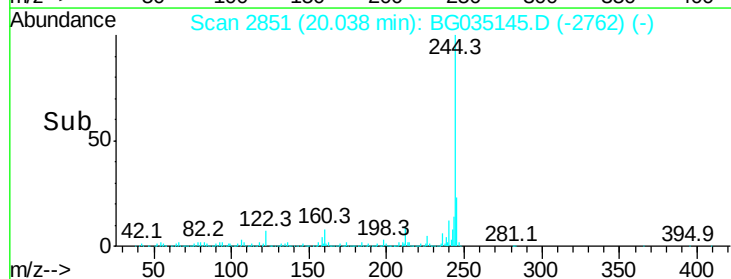
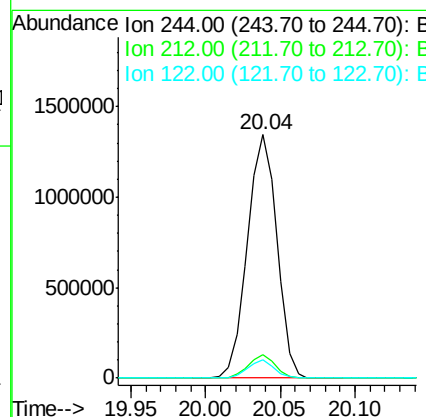
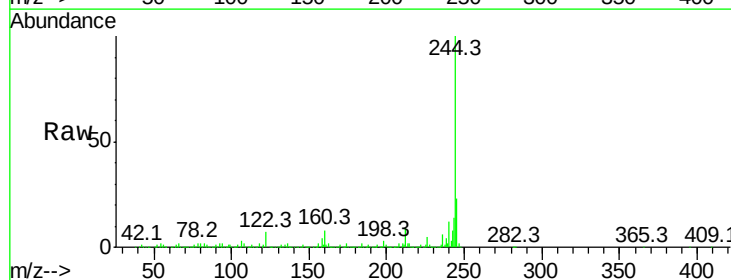
Instrument :
BNA_G
ClientSampleId :

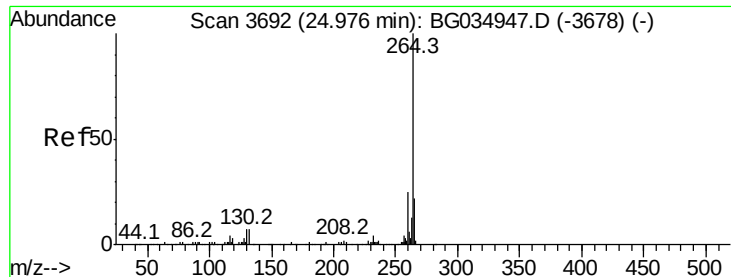
Tot Ion:184 Resp: 31781
Ion Ratio Lower Upper
184 100
185 16.8 11.1 16.7#
183 10.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 96.593 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Tgt Ion:244 Resp: 1832948
Ion Ratio Lower Upper
244 100
212 9.4 5.8 8.8#
122 7.5 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.9	17.7	26.5

