

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035563.D
 Acq On : 2 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3245-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:49:39 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

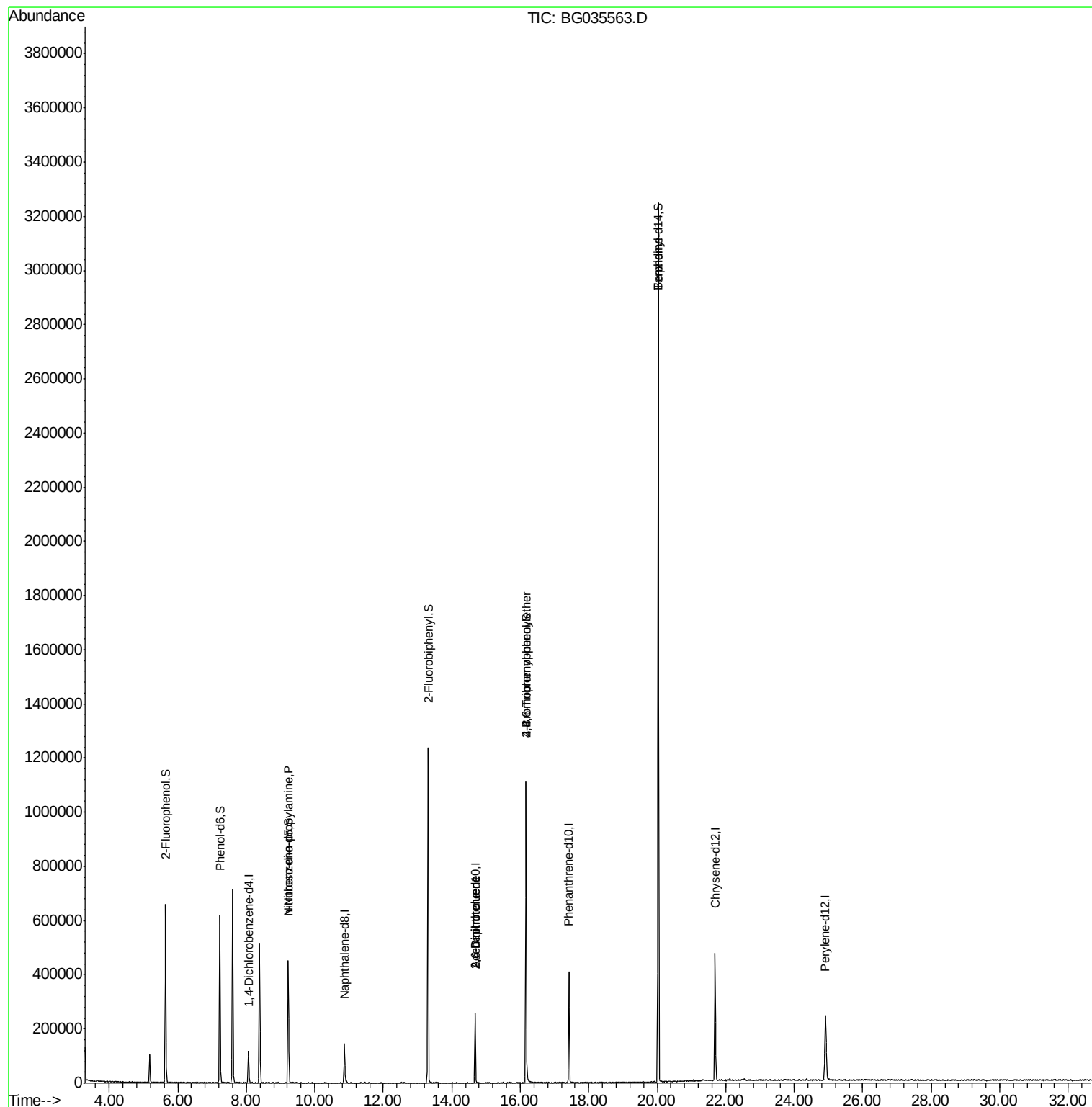
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32511	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	120922	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	90452	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	264345	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	306217	20.00	ng	-0.02
86) Perylene-d12	24.92	264	285924	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	281155	145.94	ng	0.00
7) Phenol-d6	7.23	99	374695	131.78	ng	0.00
23) Nitrobenzene-d5	9.23	82	299802	117.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	212133	183.20	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	684328	98.35	ng	-0.02
78) Terphenyl-d14	20.03	244	1543664	105.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	41519	17.188	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	13340	9.270	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	13340	6.979	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	18044	5.668	ng	# 1
76) Benzidine	20.03	184	26797	2.352	ng	# 92

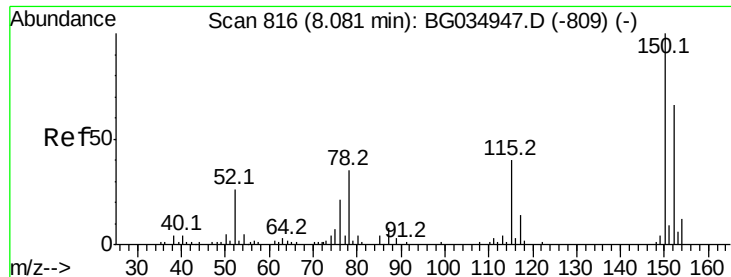
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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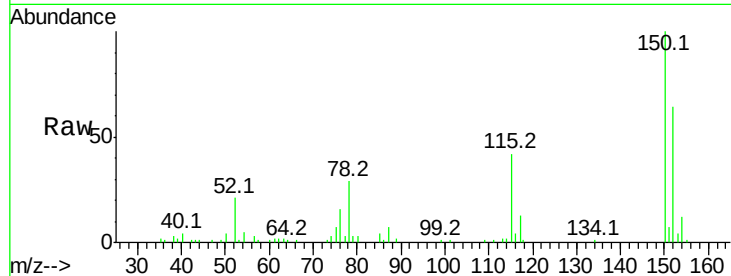


#1

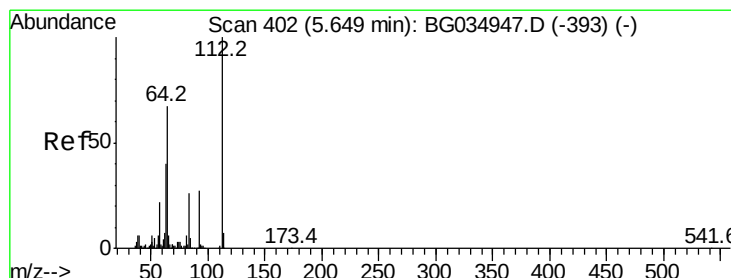
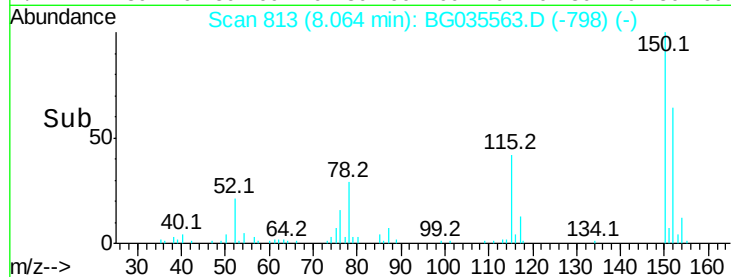
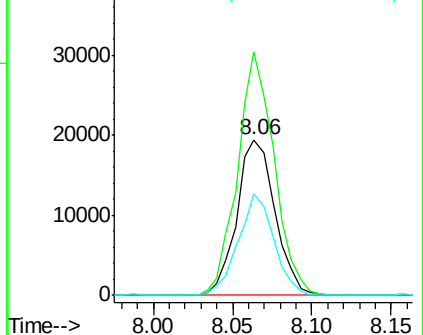
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32511
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 64.9 53.0 79.4



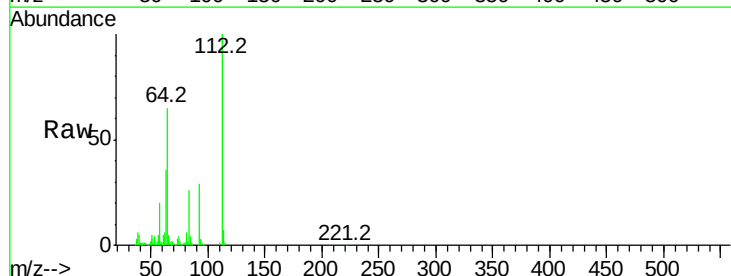
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



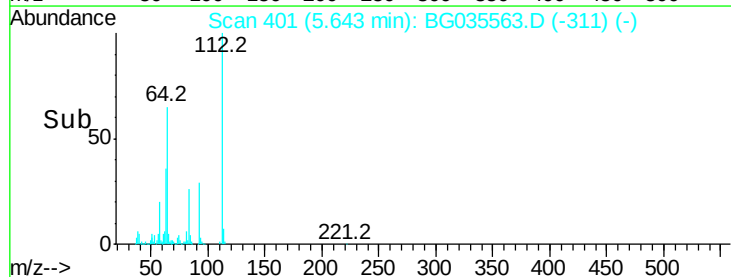
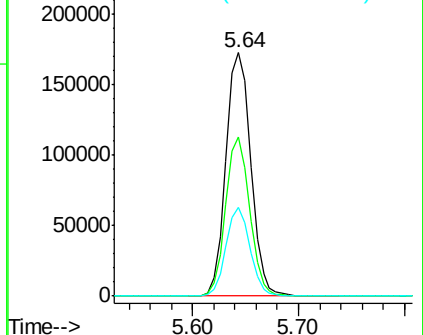
#5

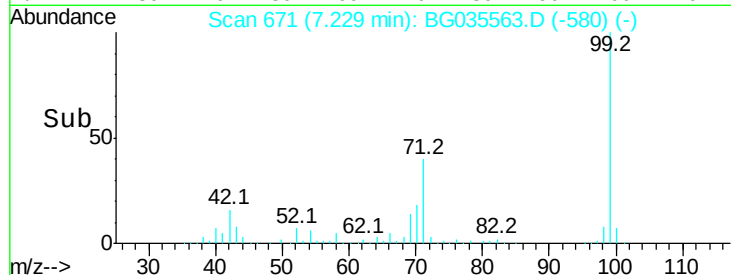
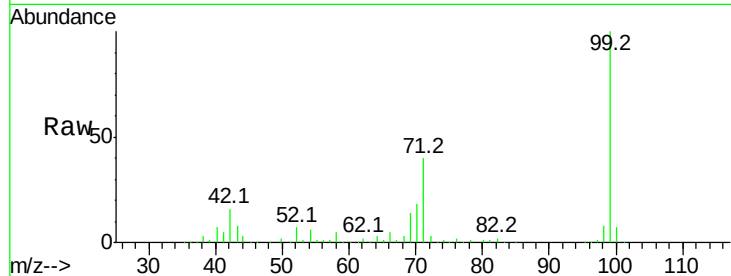
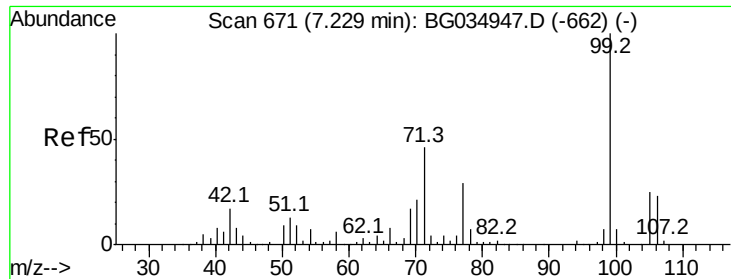
2-Fluorophenol
Concen: 145.944 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:112 Resp: 281155
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 36.3 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: 131.780 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Instrument :

BNA_G

ClientSampled :

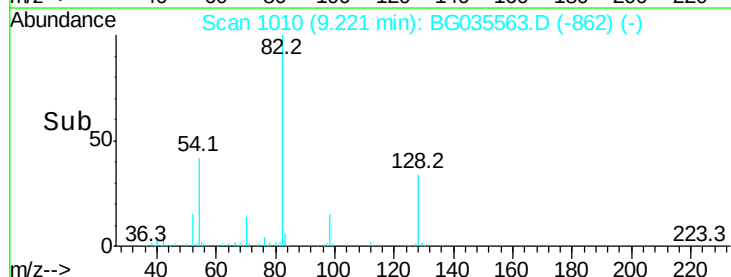
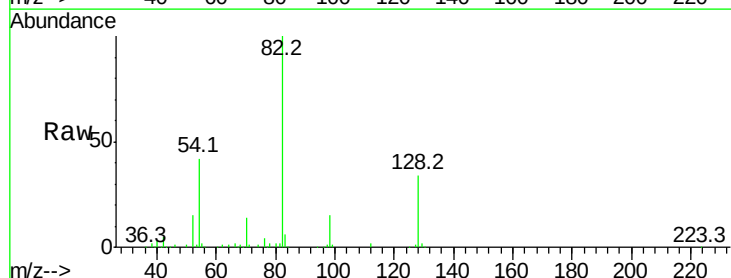
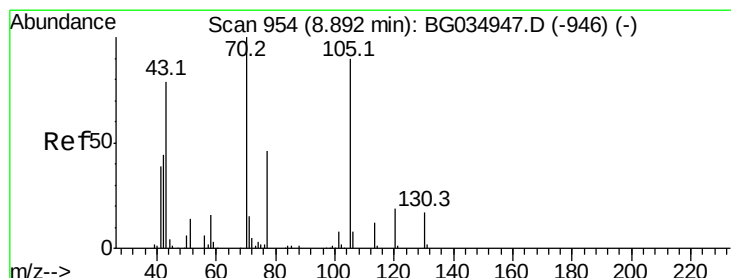
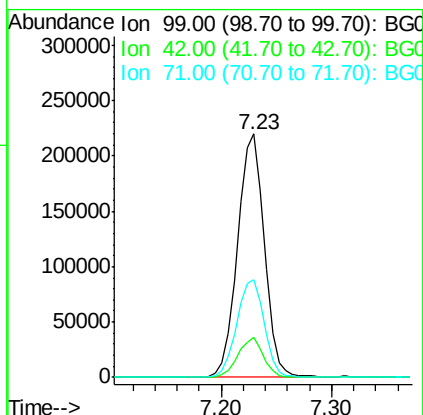
Tot Ion: 99 Resp: 374695

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 40.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.188 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Tgt Ion: 70 Resp: 41519

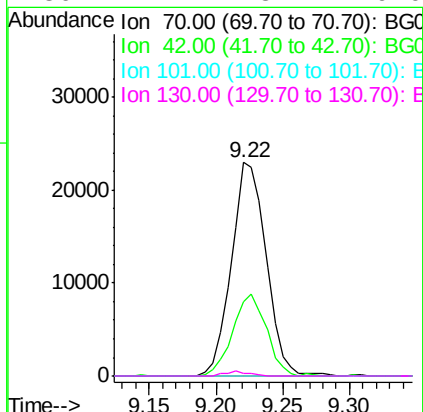
Ion Ratio Lower Upper

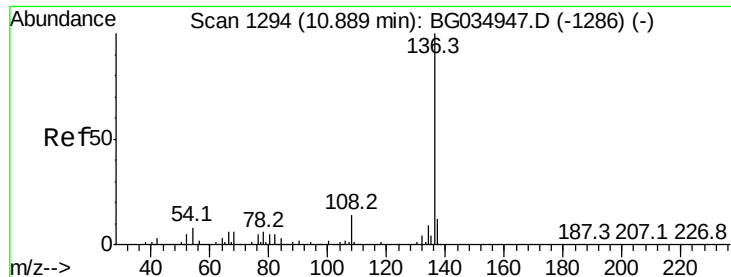
70 100

42 35.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

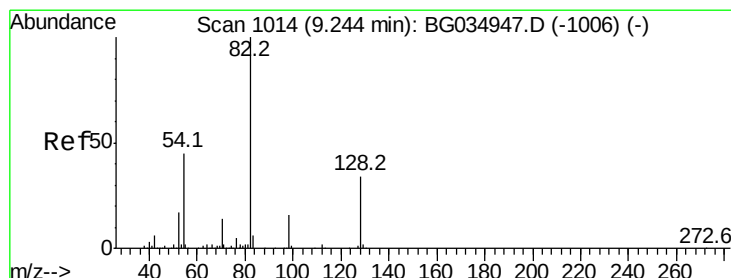
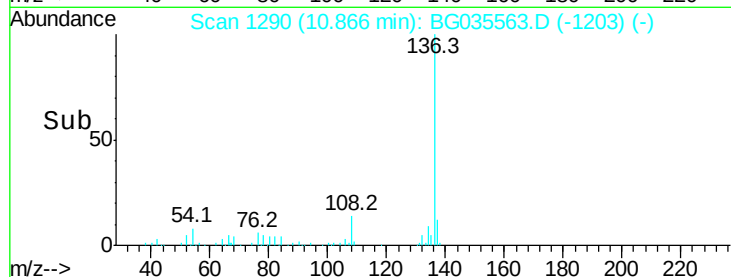
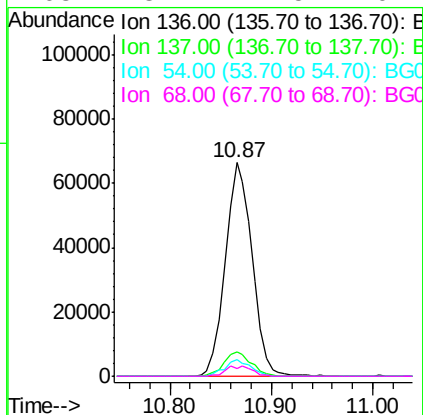
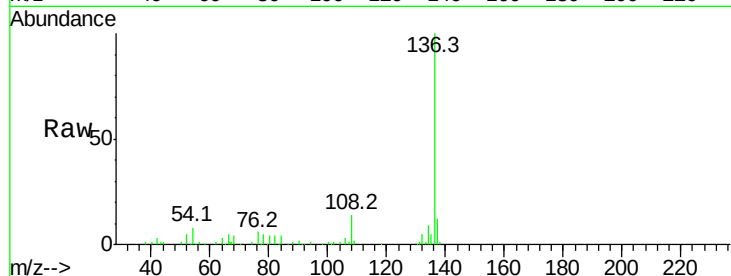




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

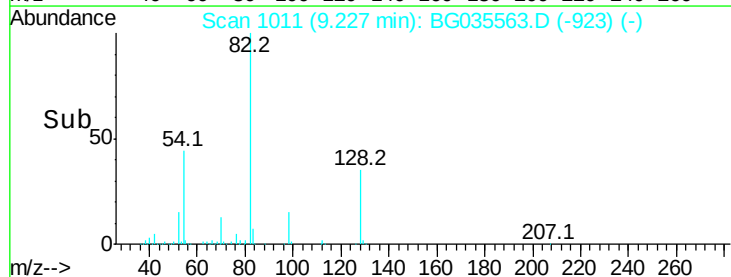
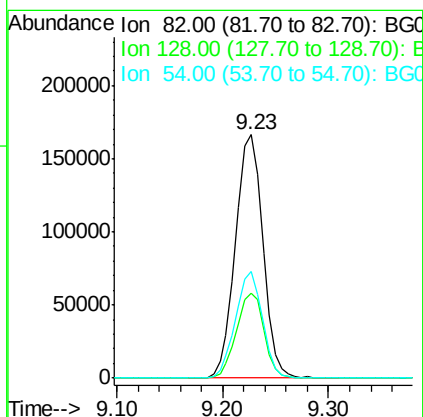
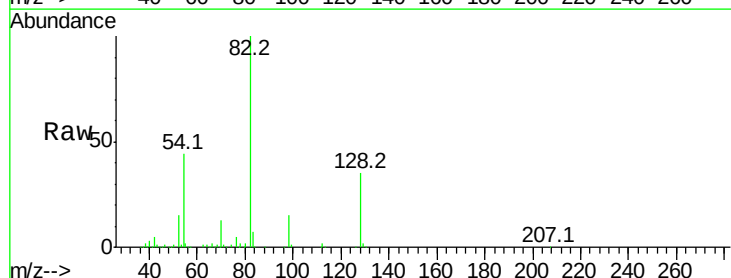
Instrument :
BNA_G
ClientSampleId :

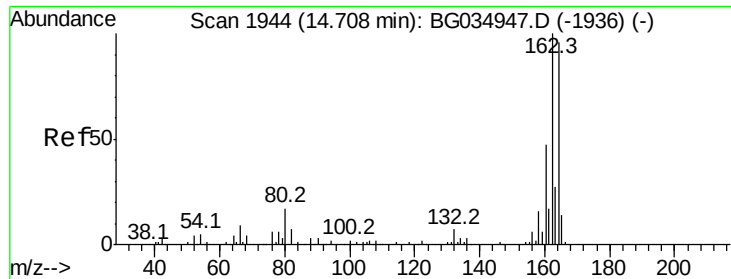
Tot Ion:136	Resp:	120922
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	7.6	10.3 15.5#
68	3.7	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 117.852 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion: 82	Resp:	299802
Ion Ratio	Lower	Upper
82	100	
128	34.8	29.7 44.5
54	43.9	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Instrument :

BNA_G

ClientSampleId :

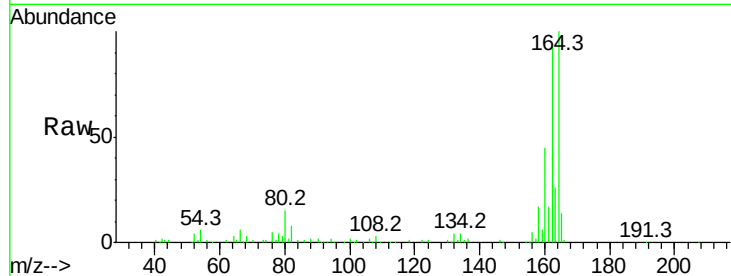
Tot Ion:164 Resp: 90452

Ion Ratio Lower Upper

164 100

162 92.9 78.8 118.2

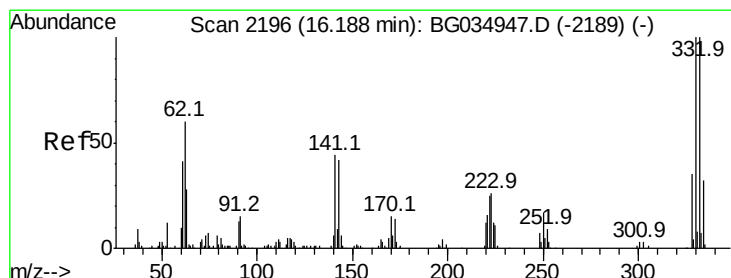
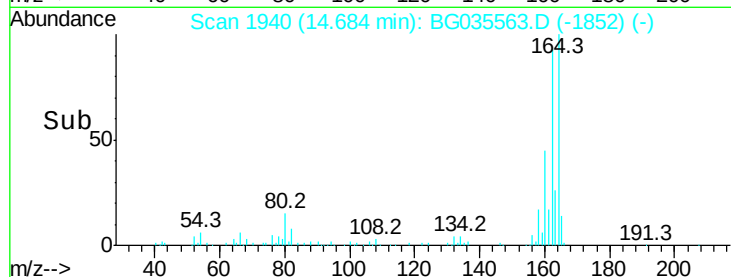
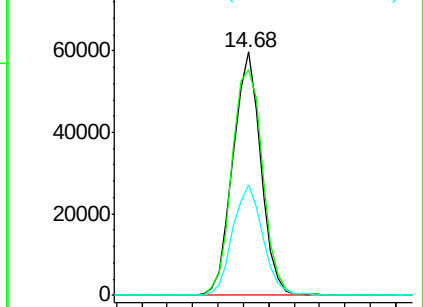
160 45.2 35.4 53.0



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: 183.205 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

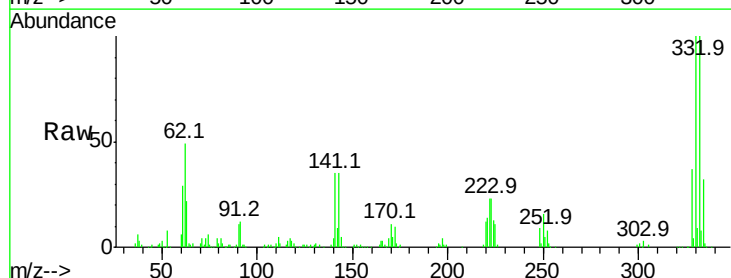
Tgt Ion:330 Resp: 212133

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

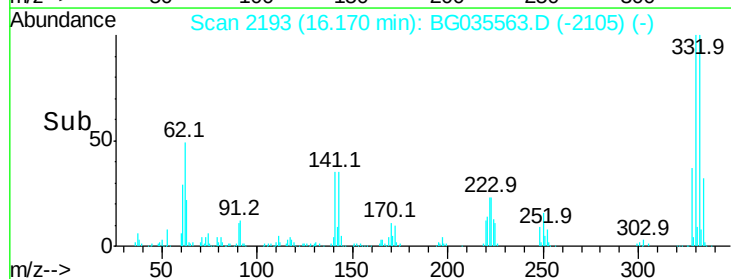
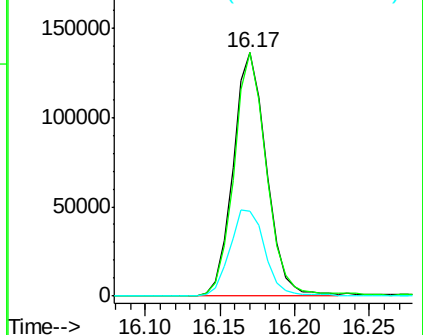
141 37.7 25.2 37.8

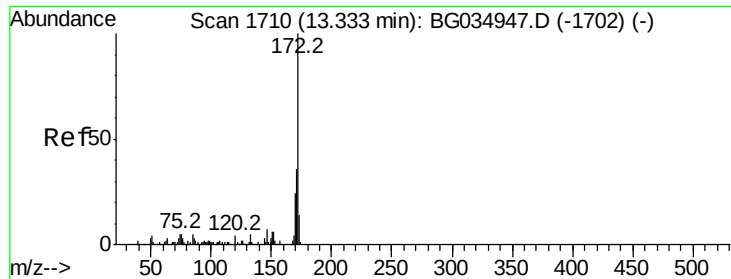


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

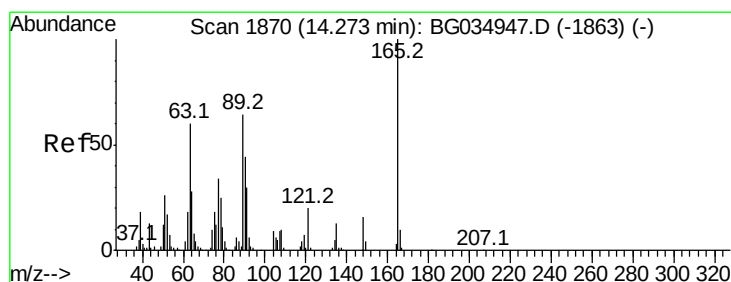
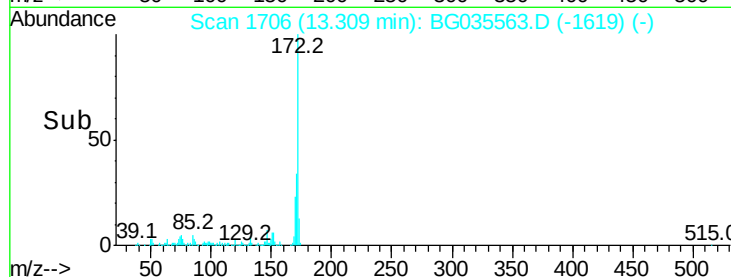
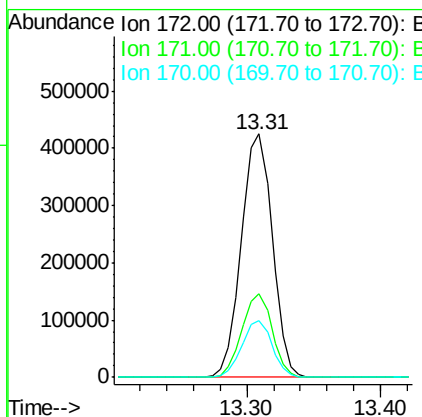
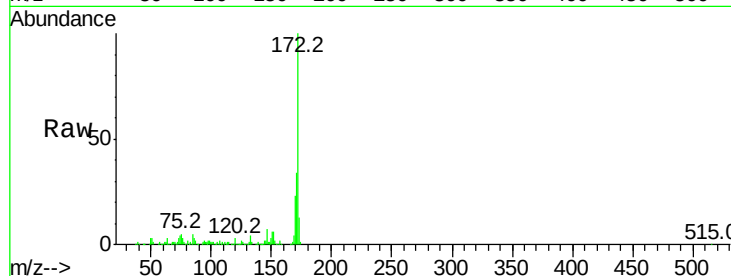




#44
2-Fluorobiphenyl
Concen: 98.353 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

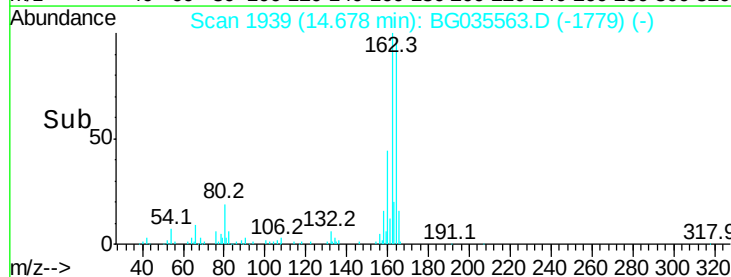
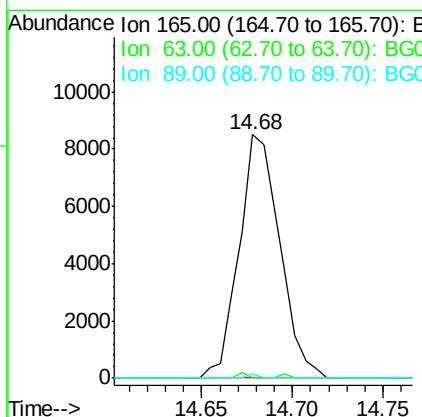
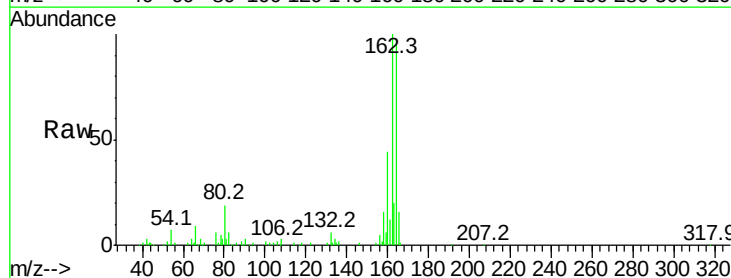
Instrument :
BNA_G
ClientSampleId :

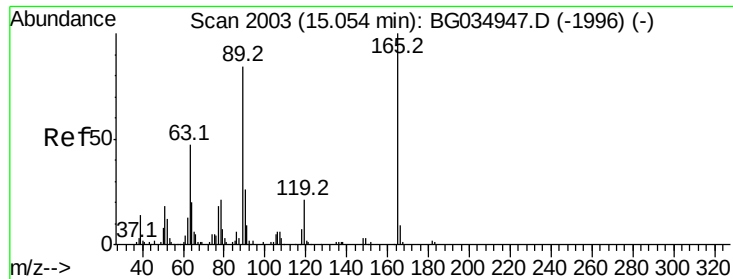
Tot Ion:172 Resp: 684328
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 23.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 9.270 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:165 Resp: 13340
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.9 49.2 73.8#

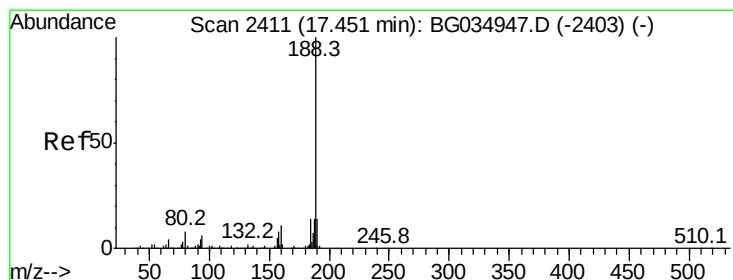
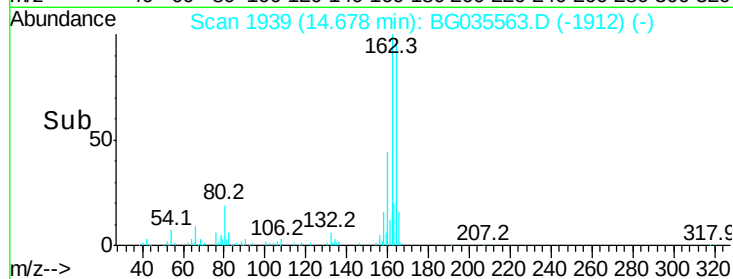
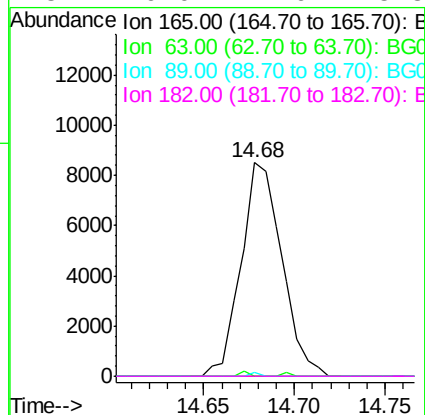
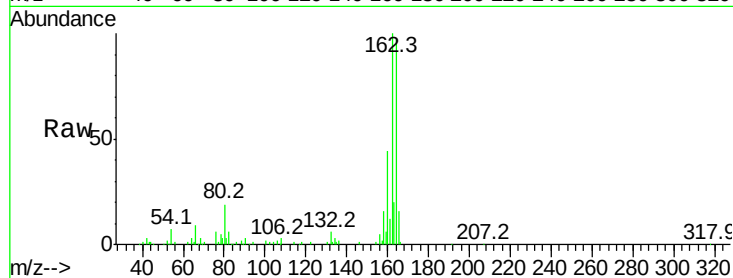




#56
2,4-Dinitrotoluene
Concen: 6.979 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

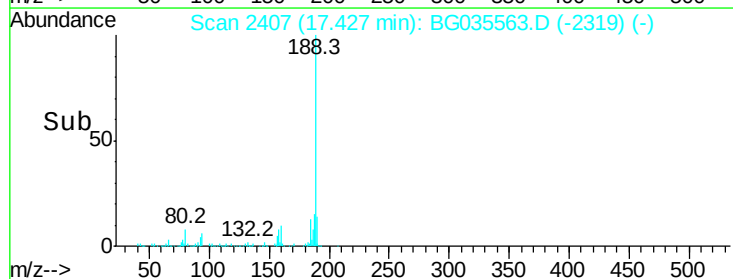
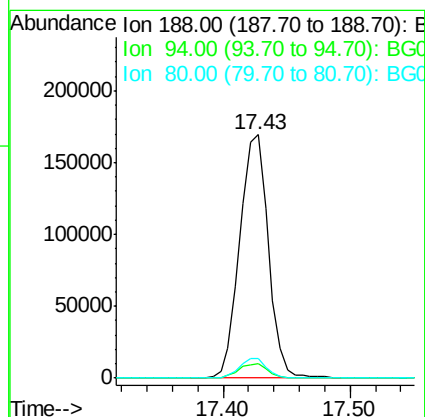
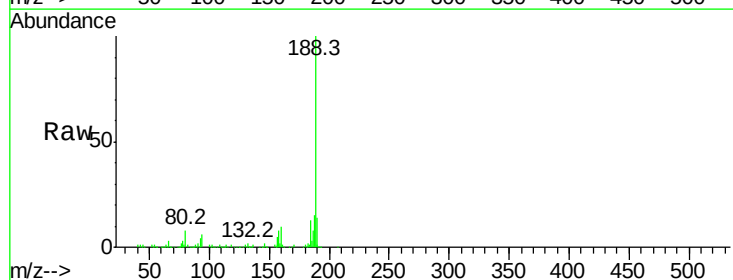
Instrument :
BNA_G
ClientSampleId :

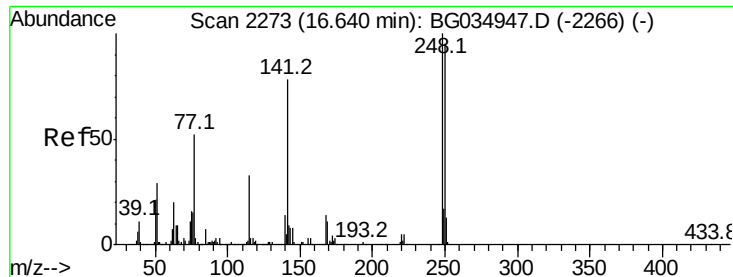
Tot Ion:165 Resp: 13340
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:188 Resp: 264345
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.9 7.7 11.5

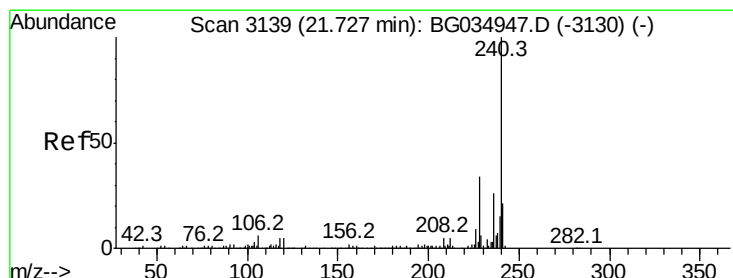
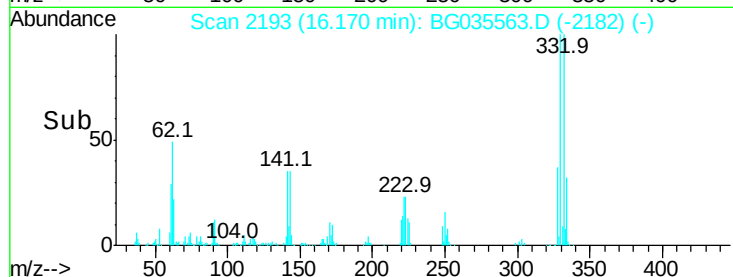
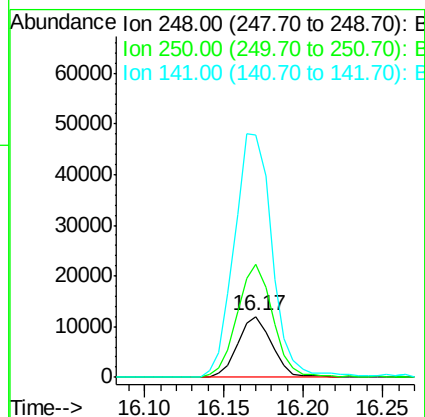
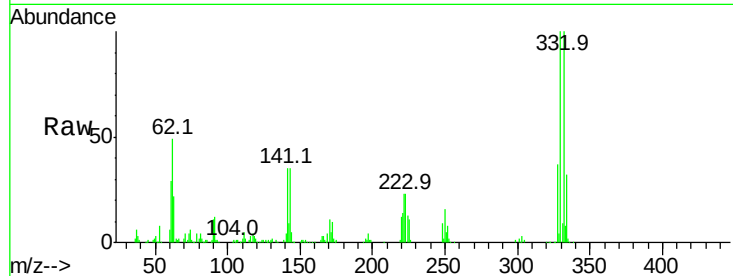




#66
 4-Bromophenyl-phenylether
 Concen: 5.668 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035563.D
 Acq: 2 Jul 2018 22:55

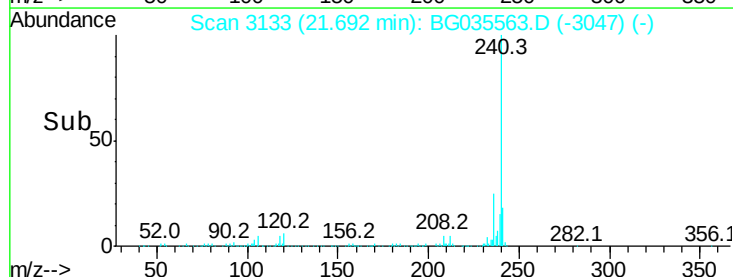
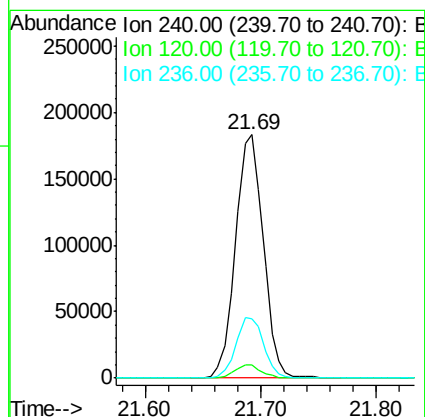
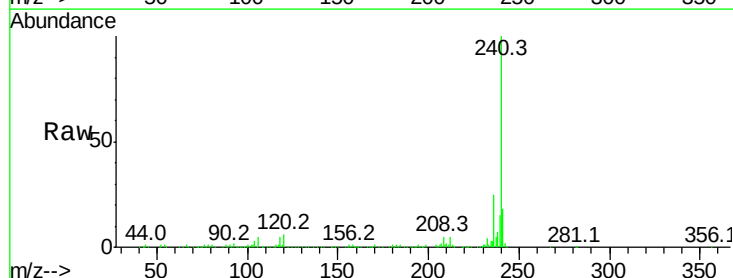
Instrument :
 BNA_G
 ClientSampleId :

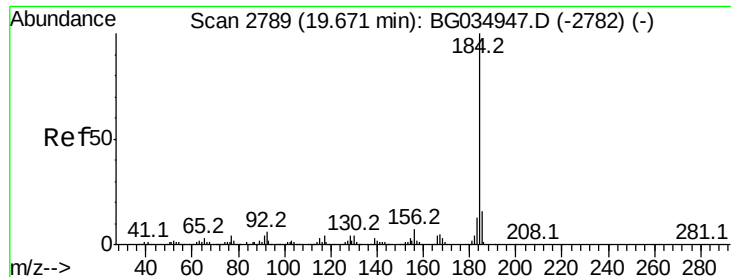
Tot Ion:248 Resp: 18044
 Ion Ratio Lower Upper
 248 100
 250 185.0 77.1 115.7#
 141 397.2 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035563.D
 Acq: 2 Jul 2018 22:55

Tgt Ion:240 Resp: 306217
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 24.5 20.9 31.3

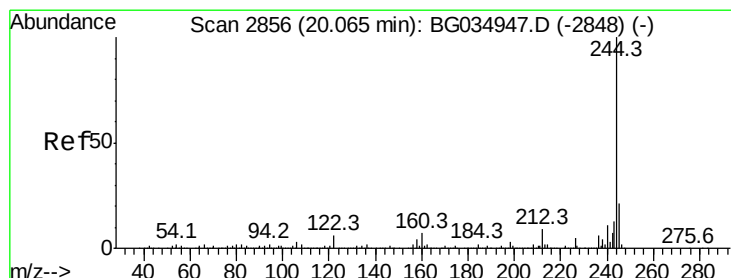
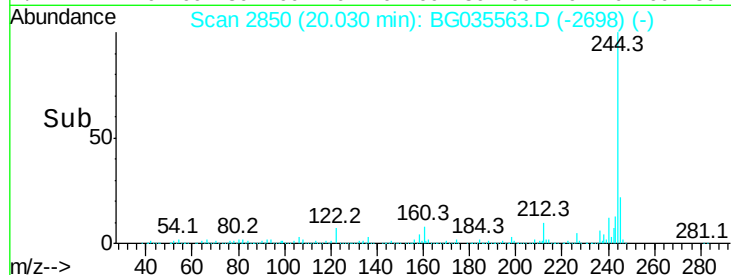
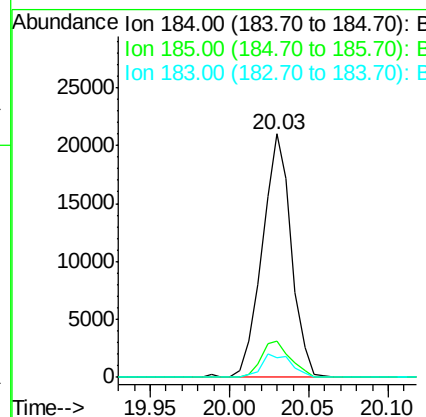
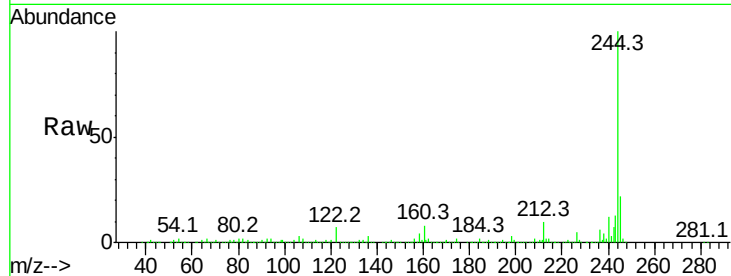




#76
Benzidine
Concen: 2.352 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

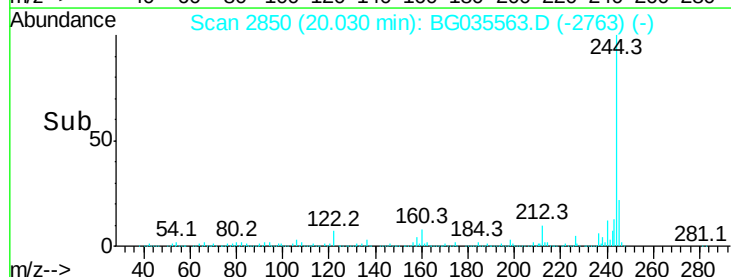
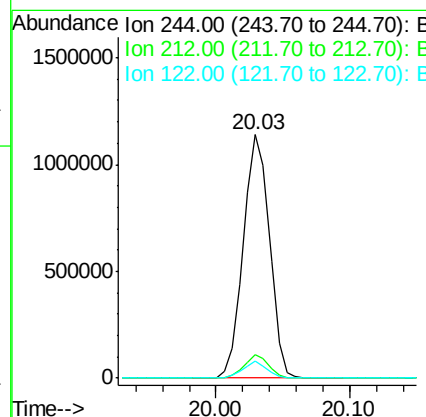
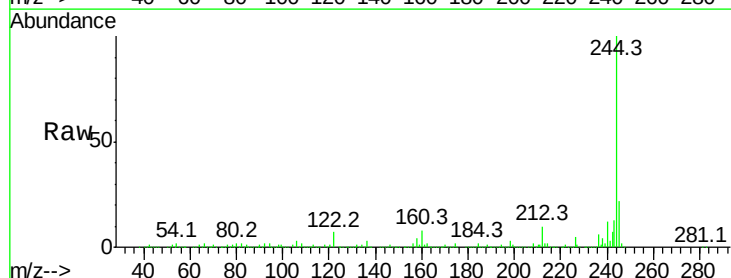
Instrument :
BNA_G
ClientSampleId :

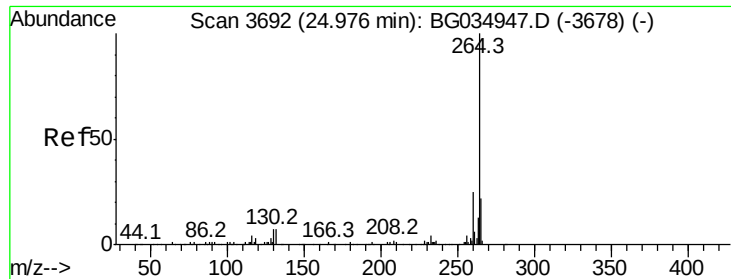
Tot Ion:184 Resp: 26797
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 8.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 105.594 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:244 Resp: 1543664
Ion Ratio Lower Upper
244 100
212 9.5 5.8 8.8#
122 6.8 7.0 10.4#

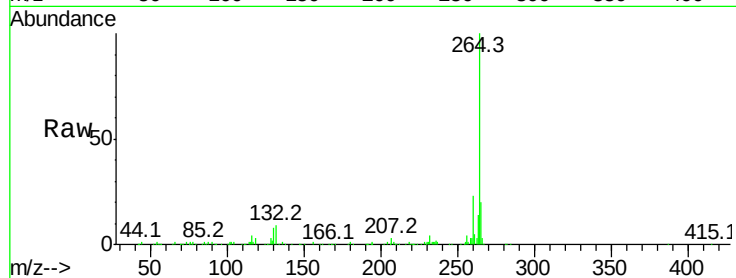




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	19.9	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

