

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035558.D
 Acq On : 2 Jul 2018 19:39
 Operator : JU/SJ
 Sample : J3248-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:48:55 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

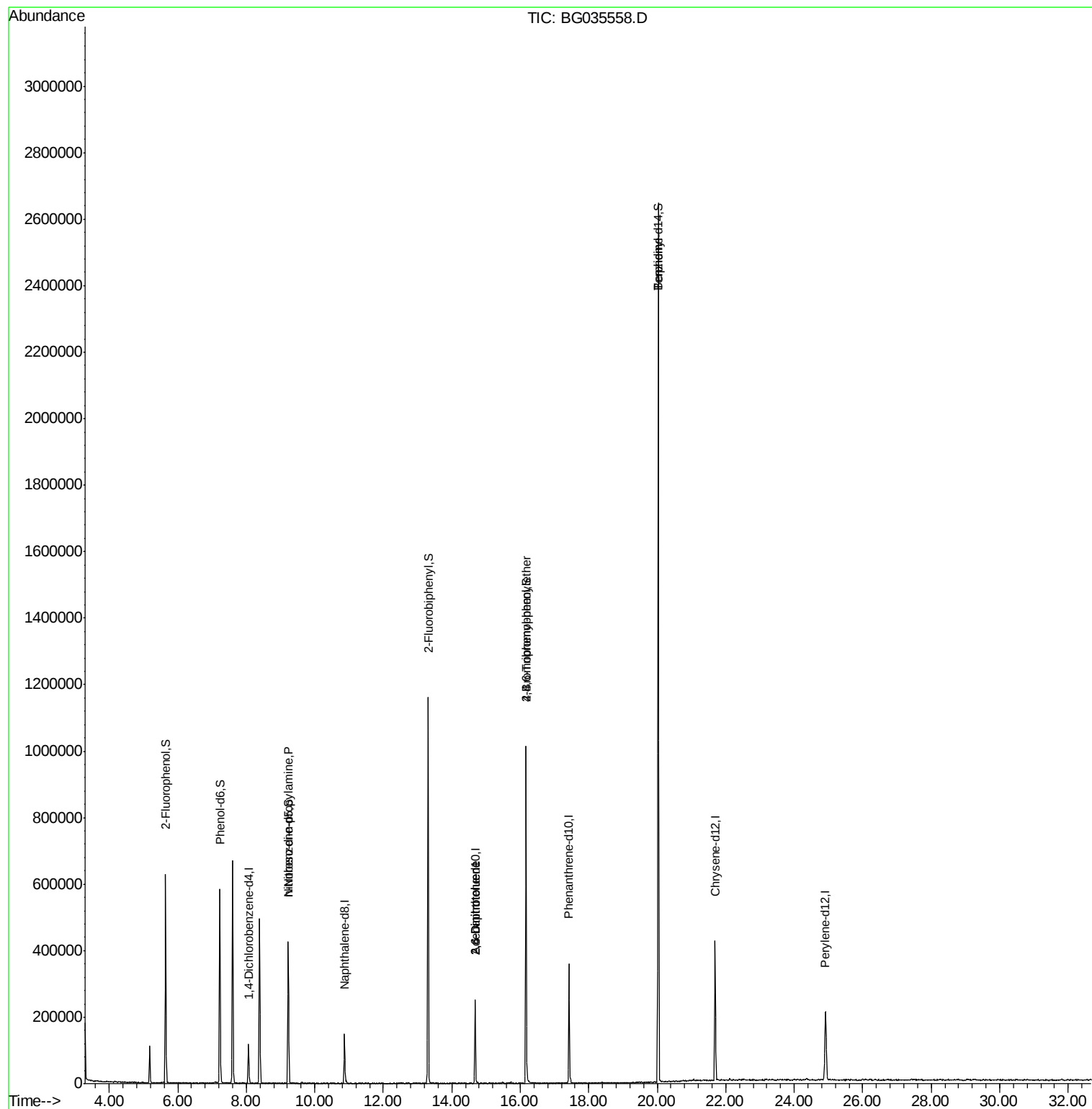
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33810	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	125173	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	88784	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	233561	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	261324	20.00	ng	-0.02
86) Perylene-d12	24.92	264	253016	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	269696	134.62	ng	0.00
7) Phenol-d6	7.23	99	350366	118.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	283721	107.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	195284	171.82	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	639903	93.70	ng	-0.02
78) Terphenyl-d14	20.03	244	1245962	99.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	39202	15.605	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	12576	8.904	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	12576	6.703	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	15193	5.402	ng	# 1
76) Benzidine	20.03	184	20604	2.119	ng	# 84

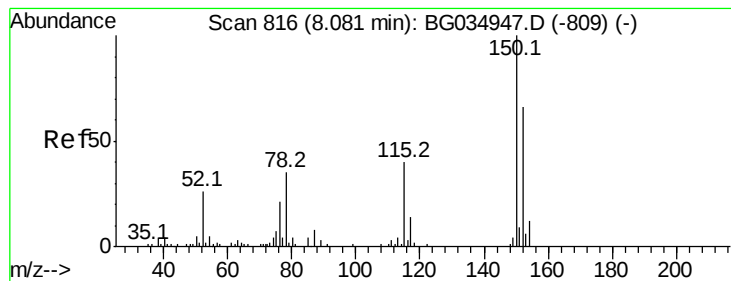
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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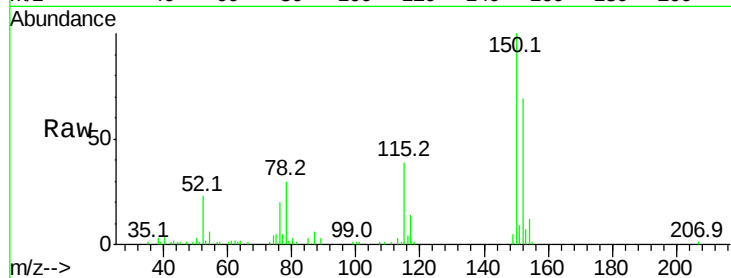


#1

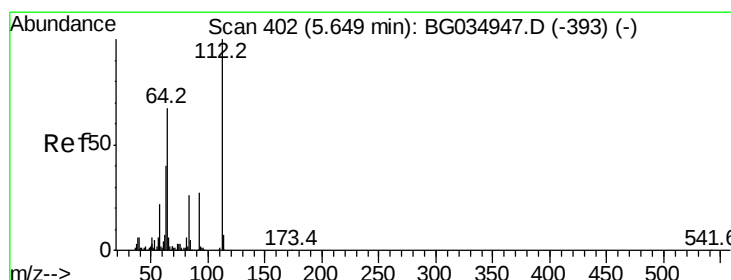
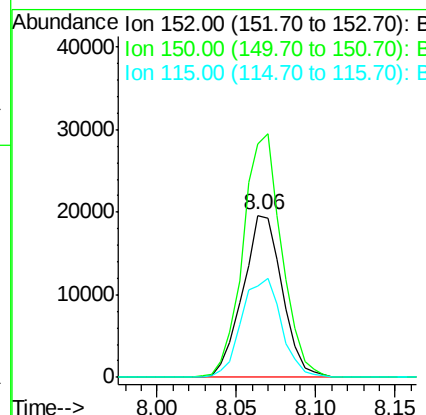
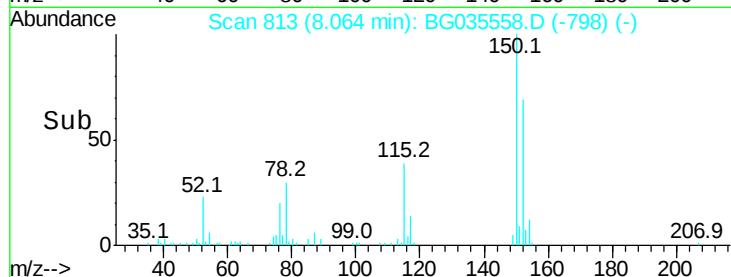
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	56.2	53.0	79.4



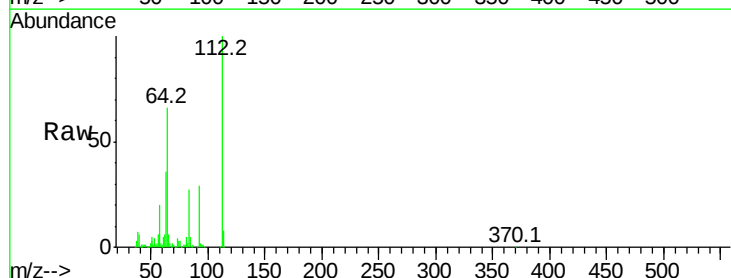
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



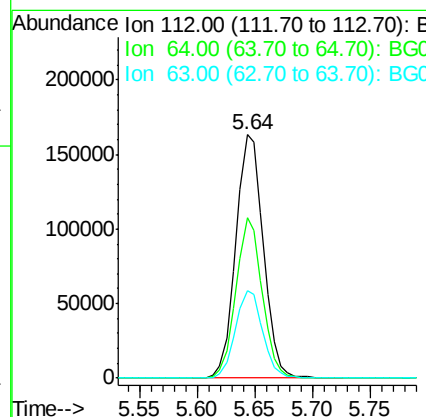
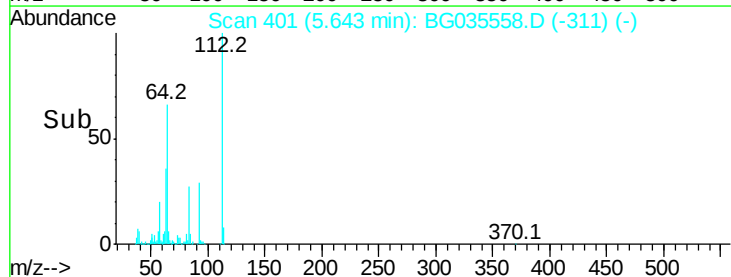
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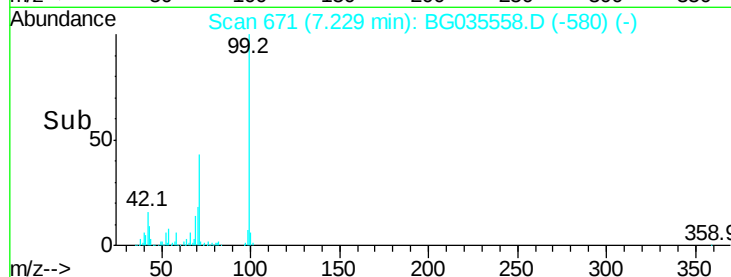
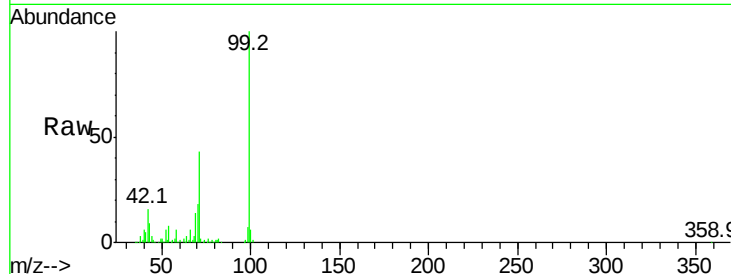
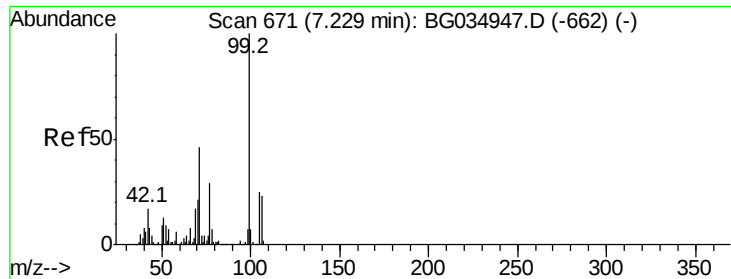
2-Fluorophenol
Concen: 134.617 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	35.8	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: 118.489 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

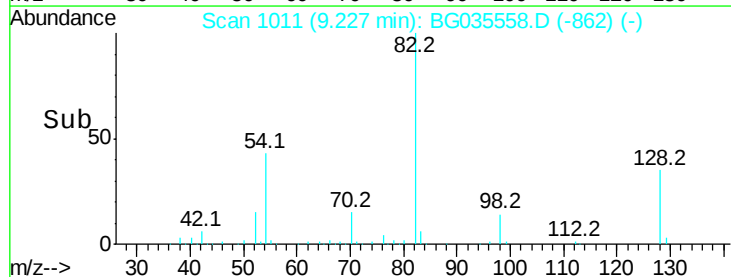
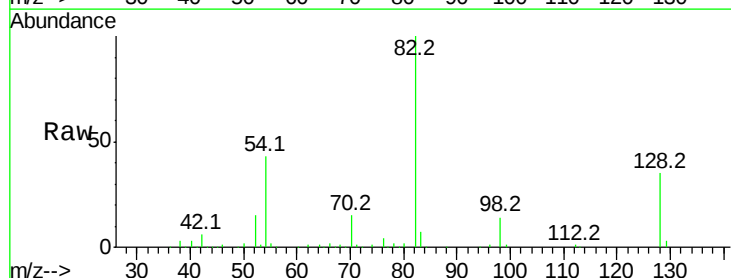
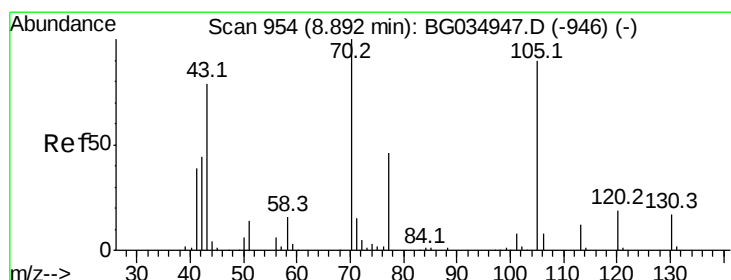
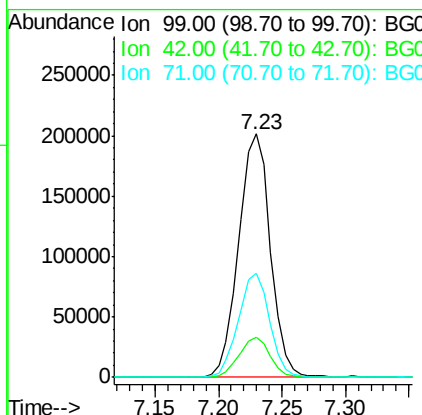
Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 99 Resp: 350366

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	42.7	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.605 ng

RT: 9.23 min Scan# 1011

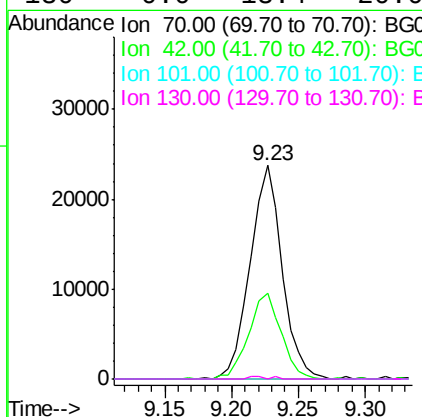
Delta R.T. 0.35 min

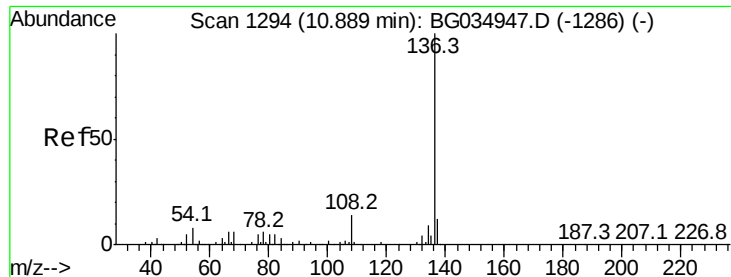
Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Tgt Ion: 70 Resp: 39202

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

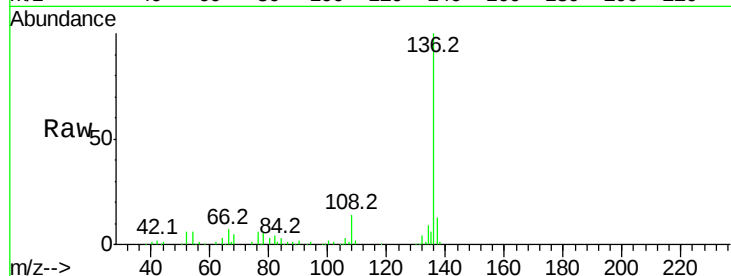




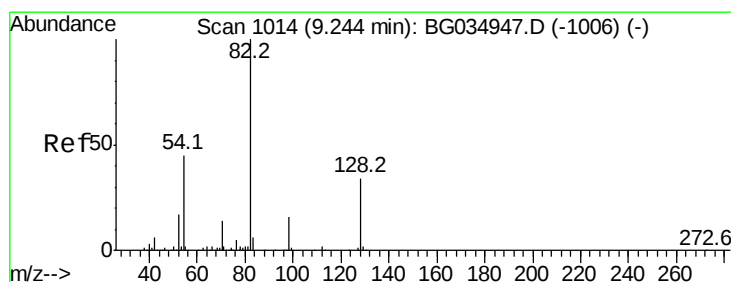
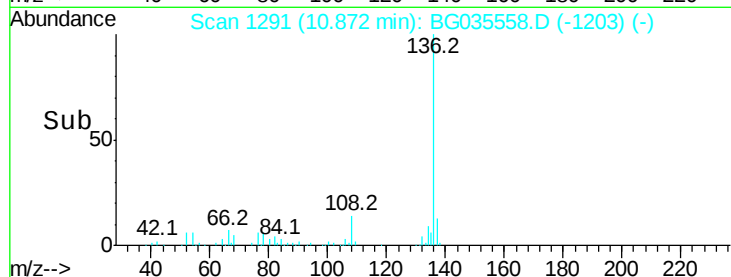
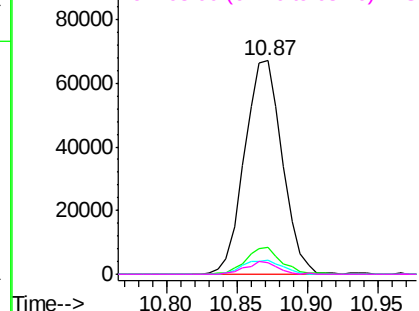
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	125173
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	6.3	10.3	15.5#
68	5.5	4.5	6.7

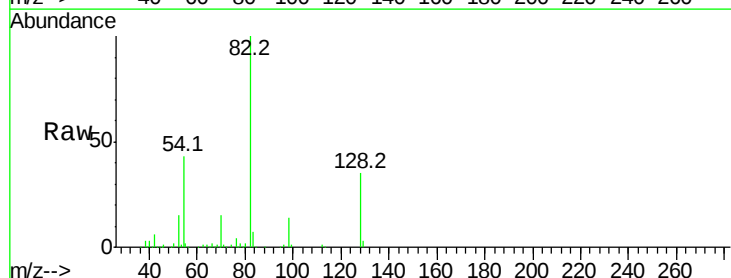


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

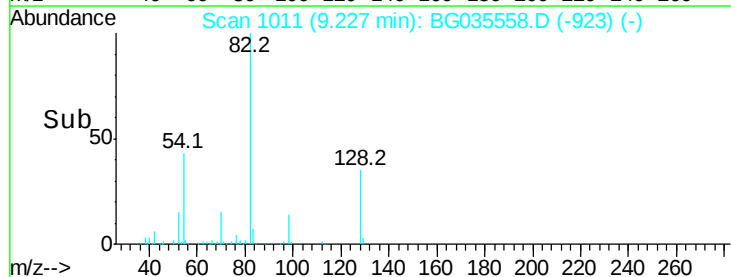
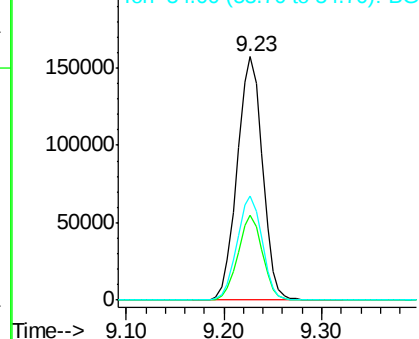


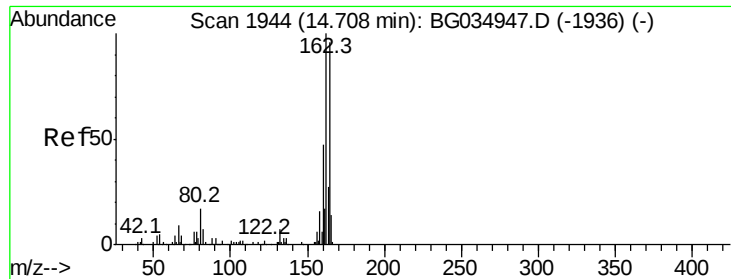
#23
Nitrobenzene-d5
Concen: 107.743 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Tgt Ion:	82	Resp:	283721
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.8	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

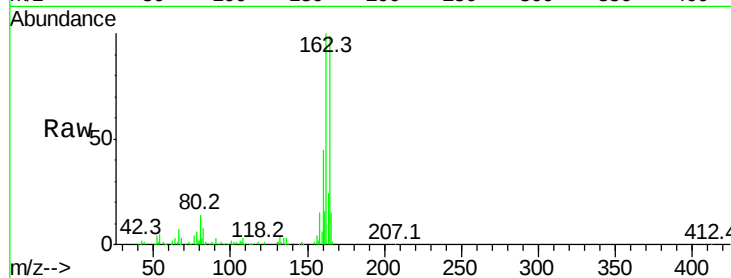




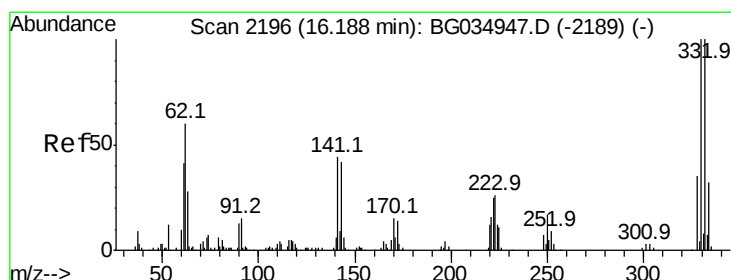
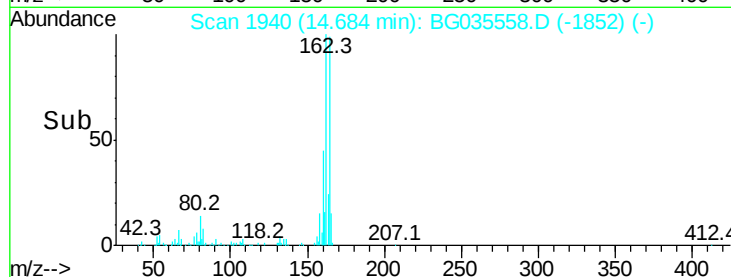
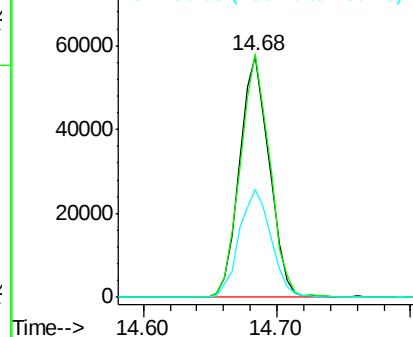
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 88784
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 44.9 35.4 53.0

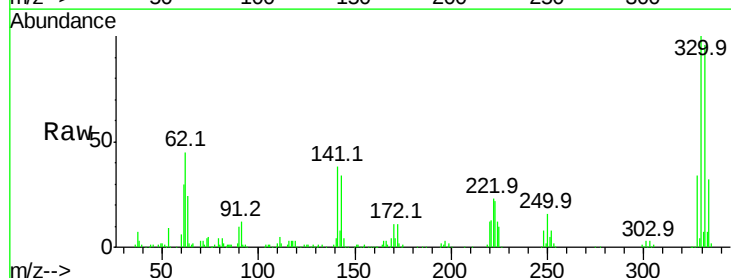


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

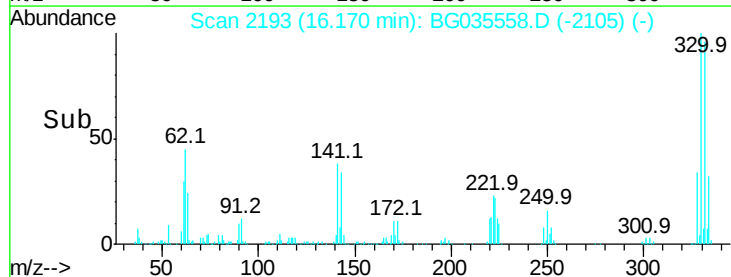
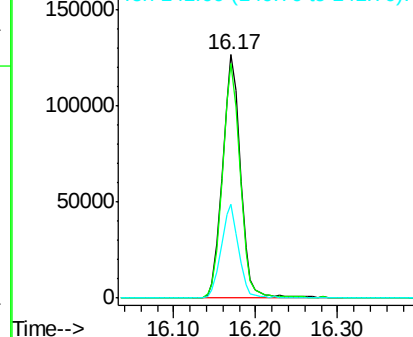


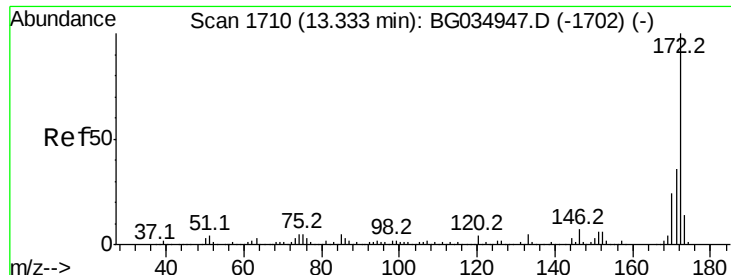
#41
2,4,6-Tribromophenol
Concen: 171.822 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Tgt Ion:330 Resp: 195284
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 37.1 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

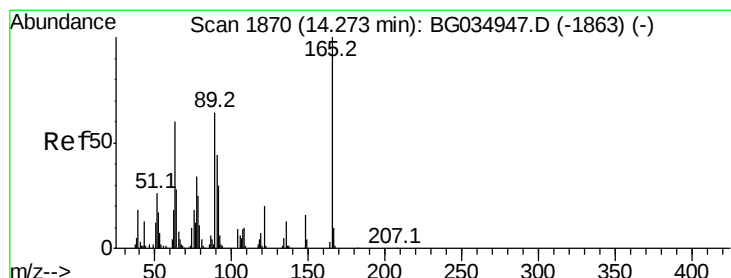
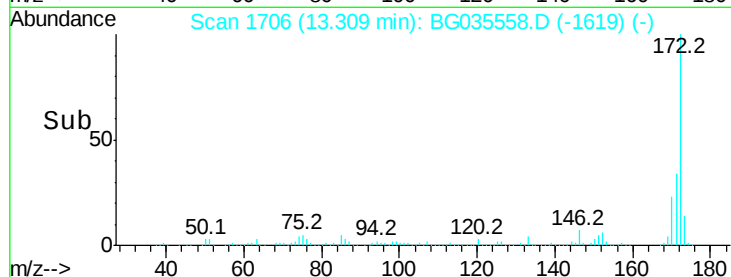
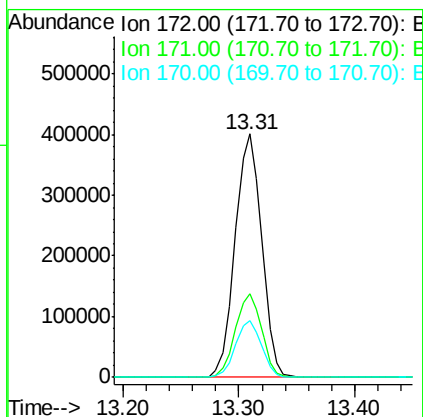
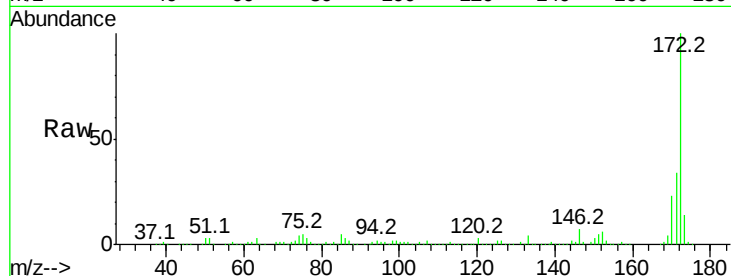




#44
 2-Fluorobiphenyl
 Concen: 93.696 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

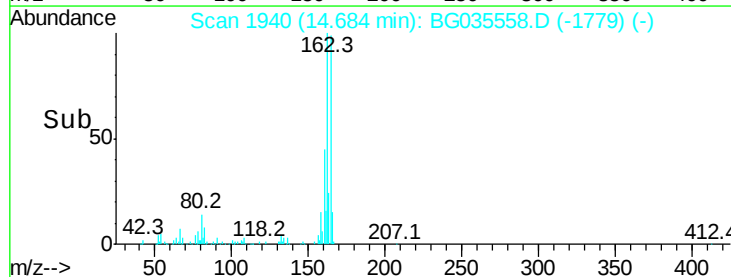
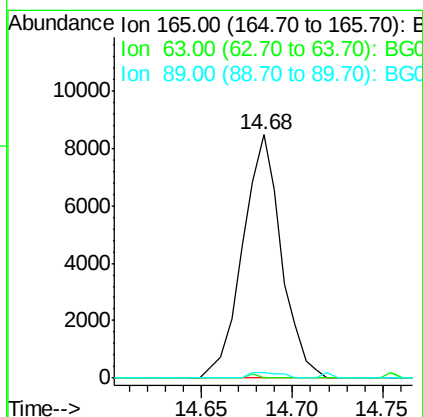
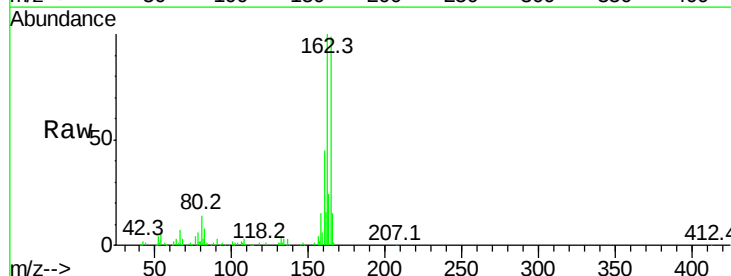
Instrument :
 BNA_G
 ClientSampleId :

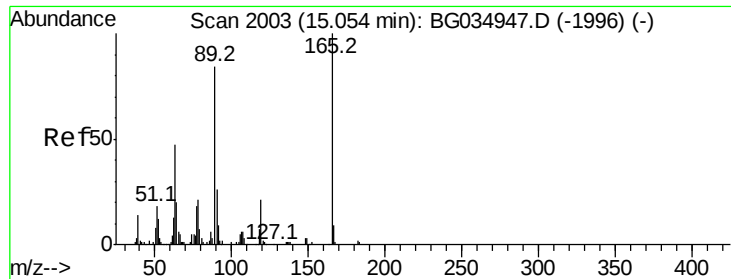
Tot Ion:172 Resp: 639903
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.904 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Tgt Ion:165 Resp: 12576
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#

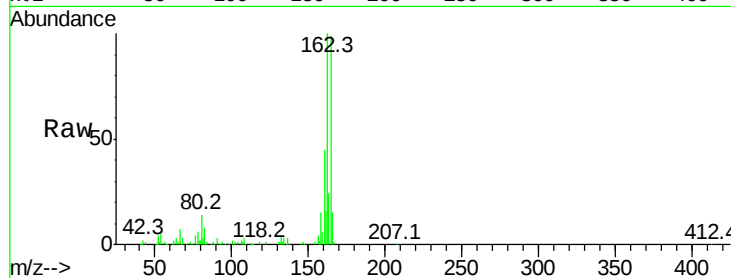




#56
 2,4-Dinitrotoluene
 Concen: 6.703 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12576
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#

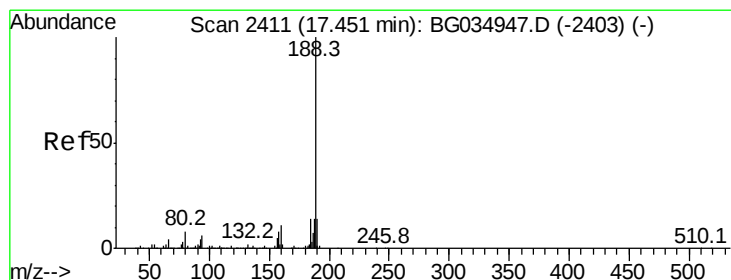
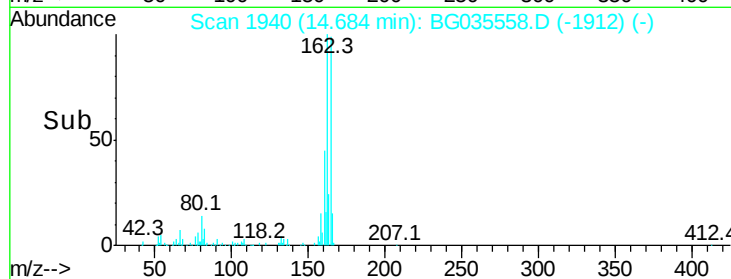
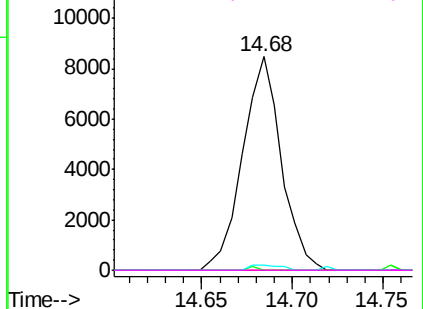


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

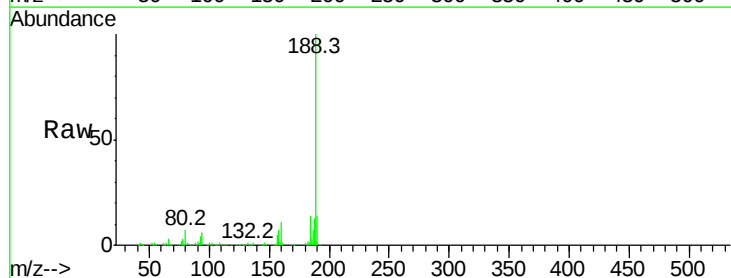
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

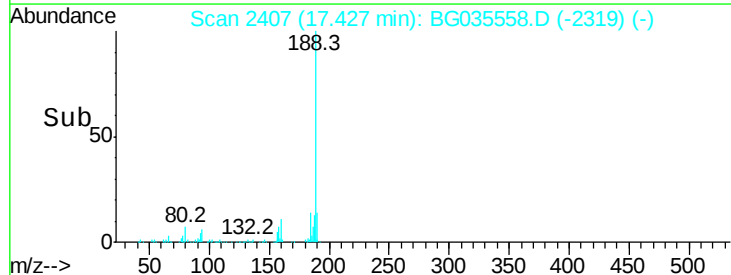
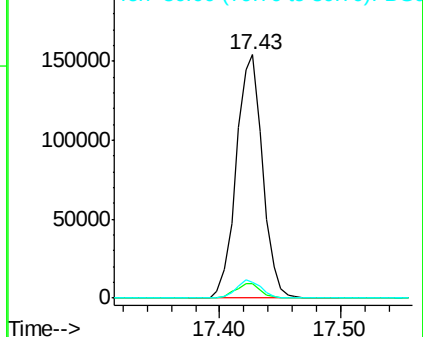
Tgt Ion:188 Resp: 233561
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 6.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

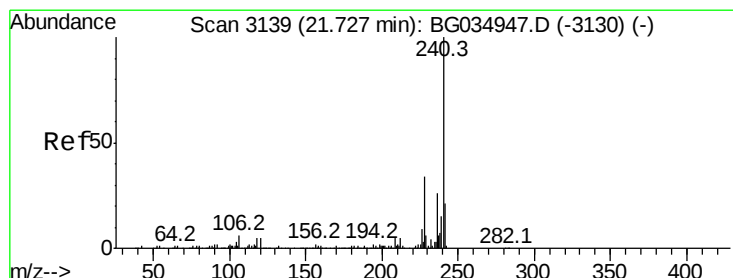
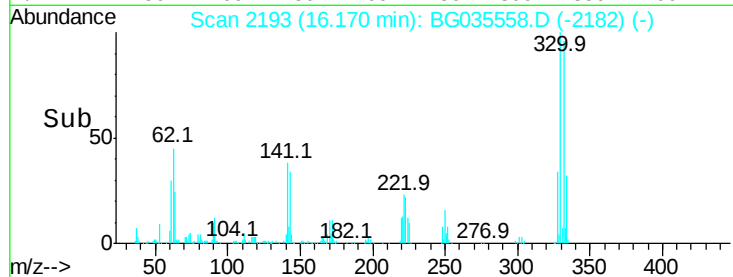
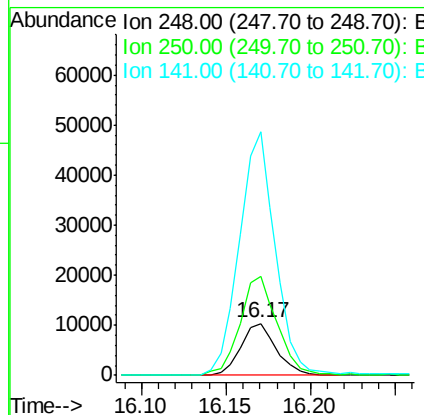
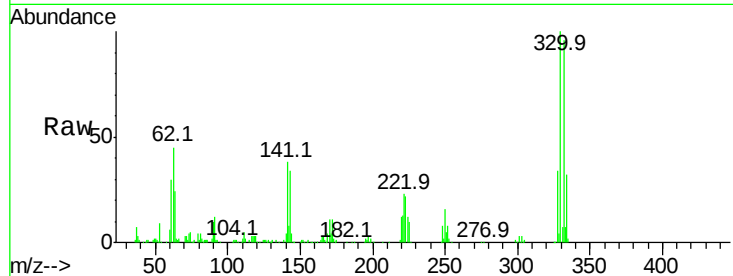




#66
 4-Bromophenyl-phenylether
 Concen: 5.402 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

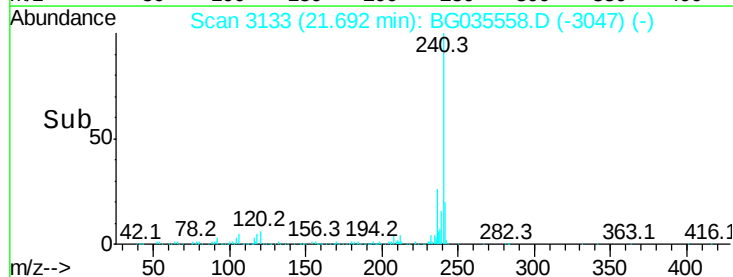
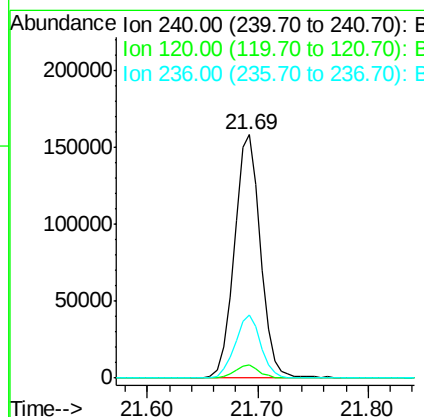
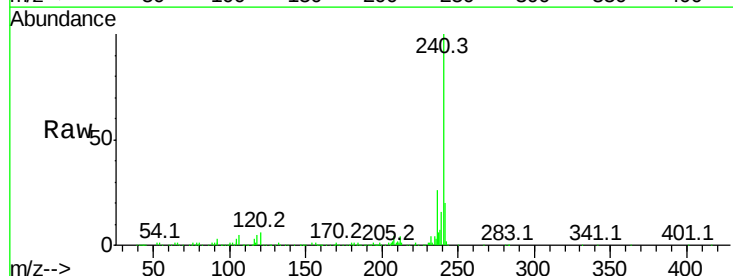
Instrument :
 BNA_G
 ClientSampleId :

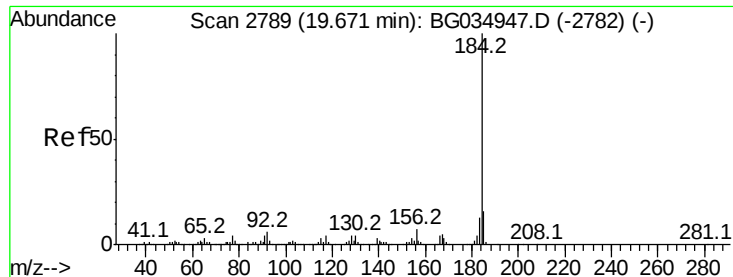
Tot Ion	Ratio	Lower	Upper
248	100		
250	190.3	77.1	115.7#
141	466.4	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.1	20.9	31.3





#76

Benzidine

Concen: 2.119 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Instrument :

BNA_G

ClientSampleId :

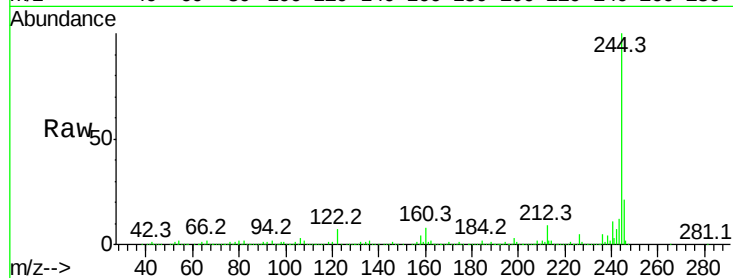
Tot Ion:184 Resp: 20604

Ion Ratio Lower Upper

184 100

185 21.6 11.1 16.7#

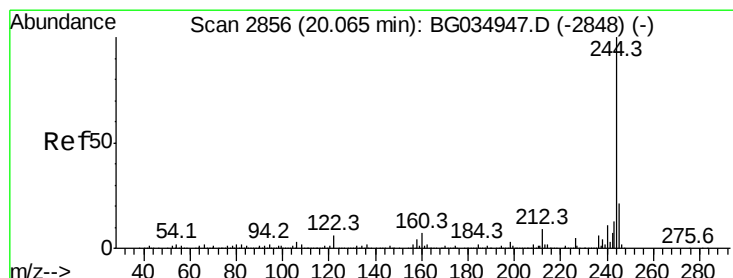
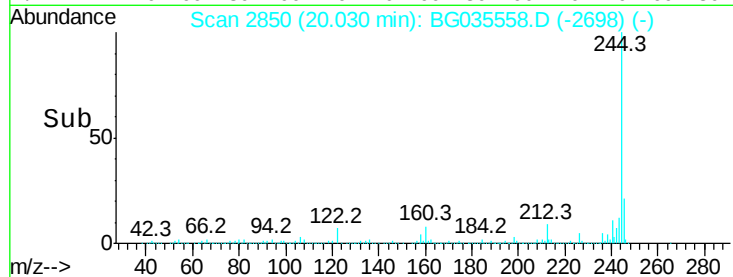
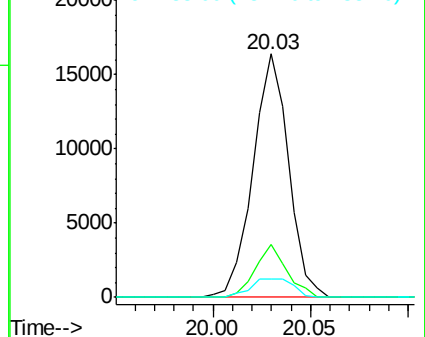
183 7.8 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 99.872 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

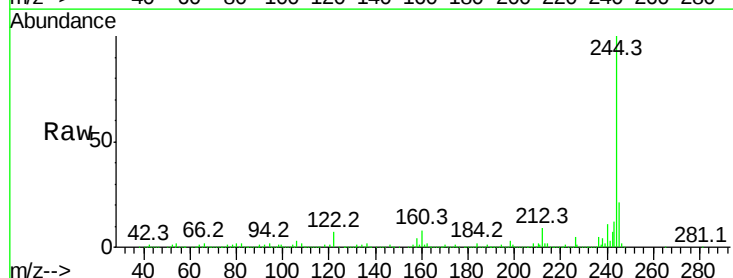
Tgt Ion:244 Resp: 1245962

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

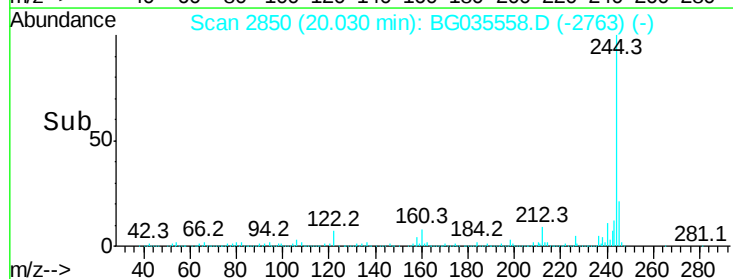
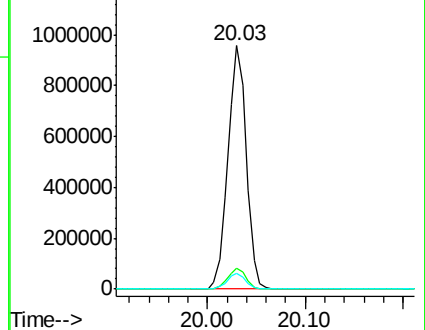
122 6.6 7.0 10.4#

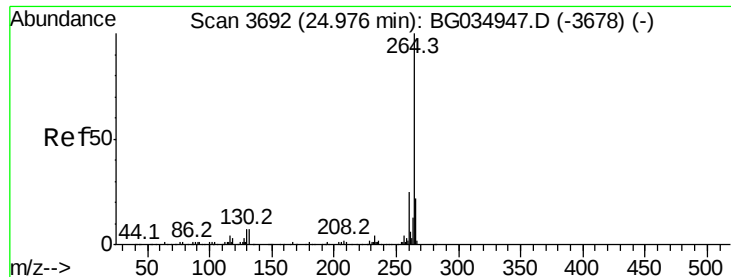


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

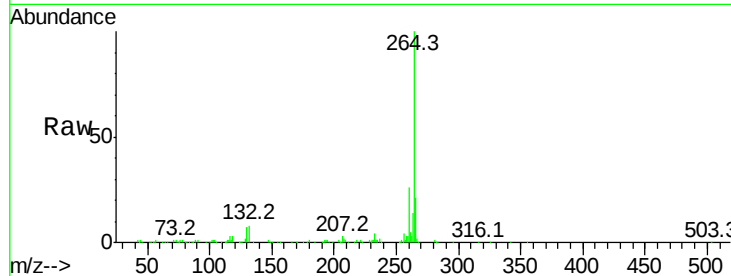




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	17.4	26.0
265	20.5	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

