

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035562.D
 Acq On : 2 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J3245-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:49:28 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

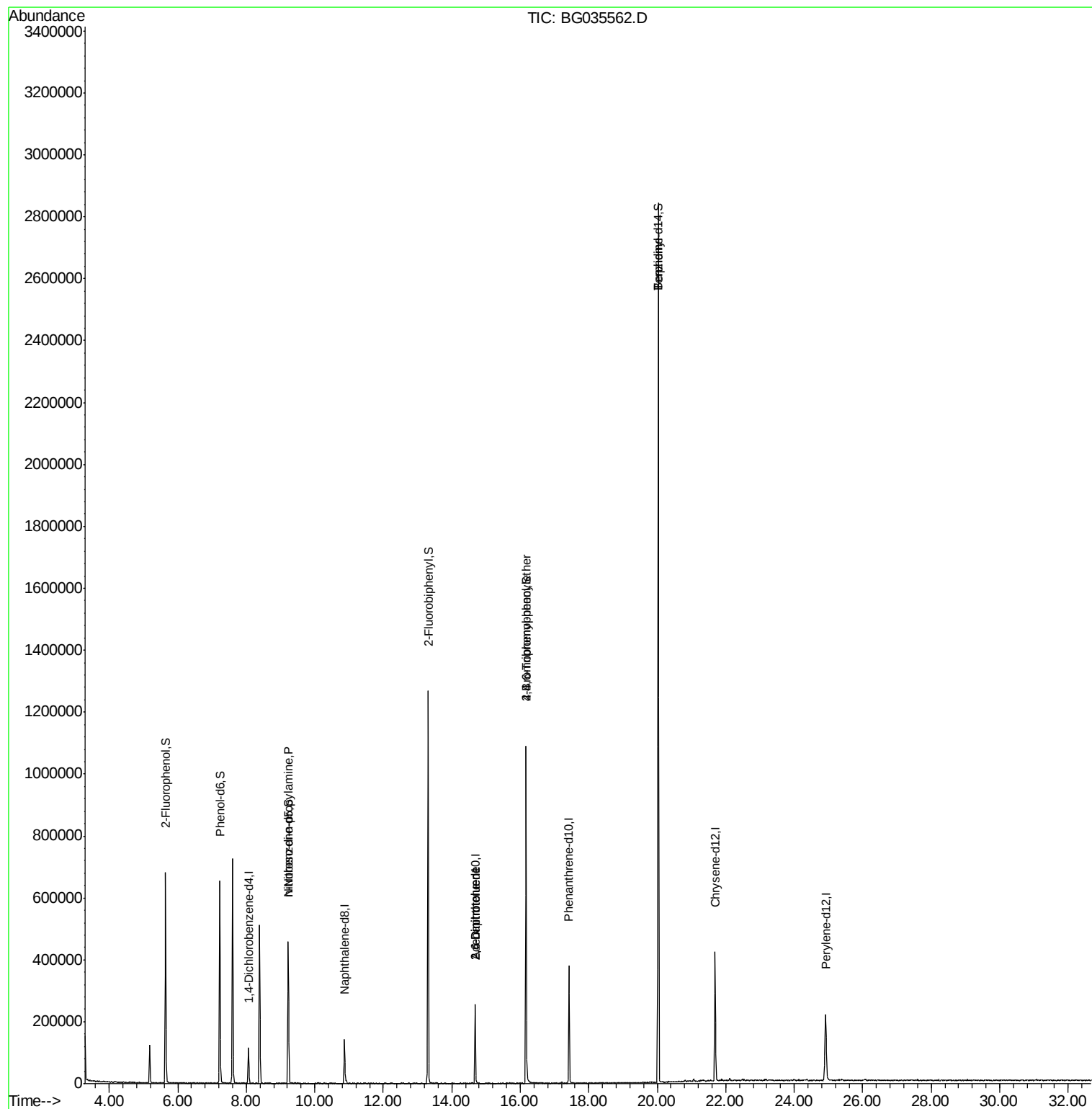
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33097	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	119723	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	89614	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	250009	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	268055	20.00	ng	-0.02
86) Perylene-d12	24.92	264	253277	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	289942	147.84	ng	0.00
7) Phenol-d6	7.23	99	386992	133.70	ng	0.00
23) Nitrobenzene-d5	9.23	82	301550	119.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	206042	179.61	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	684328	99.27	ng	-0.02
78) Terphenyl-d14	20.03	244	1389090	108.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	41715	16.963	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	11617	8.149	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	11617	6.134	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	16032	5.325	ng	# 1
76) Benzidine	20.03	184	23502	2.357	ng	# 88

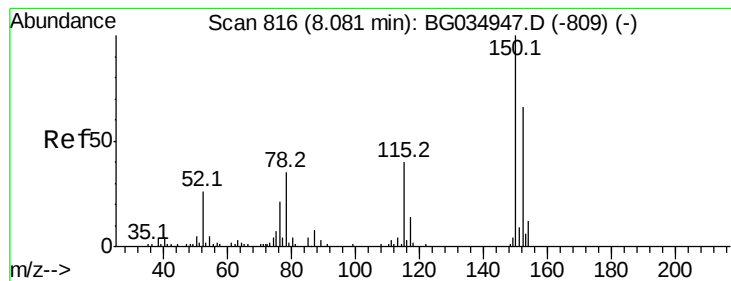
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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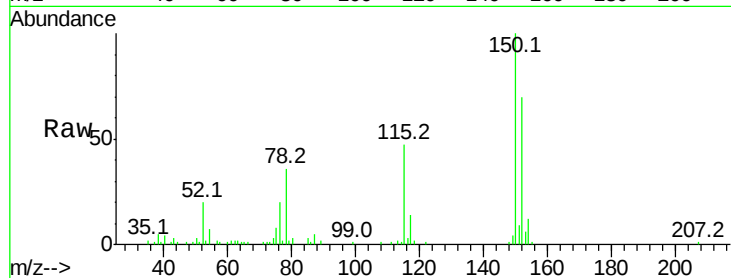


#1

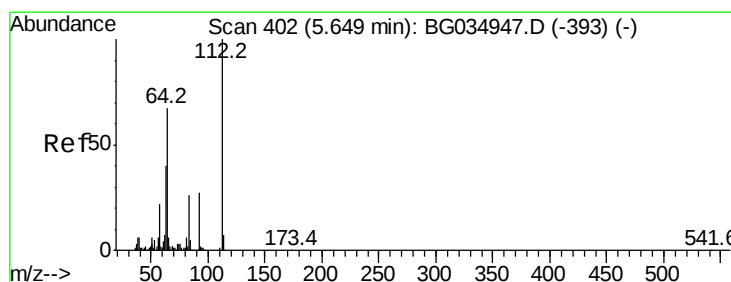
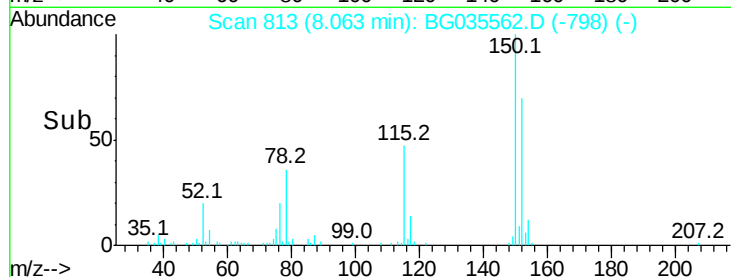
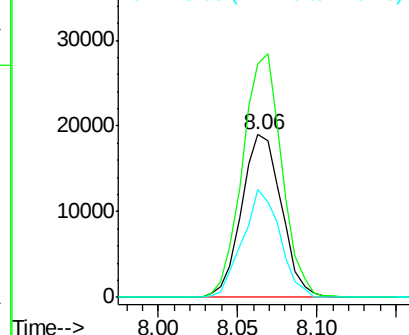
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	66.7	53.0	79.4



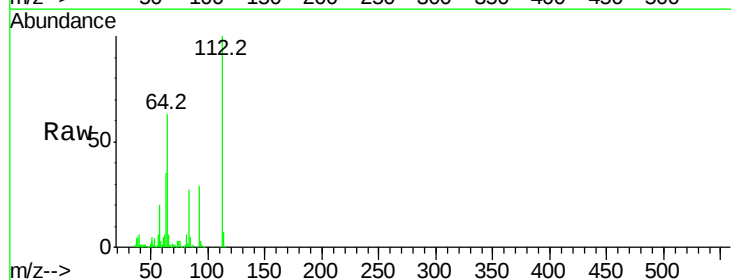
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



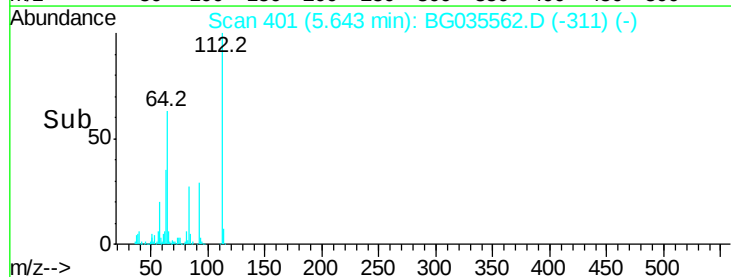
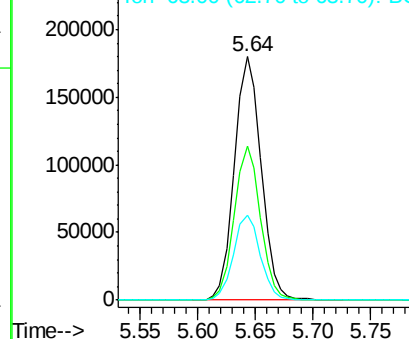
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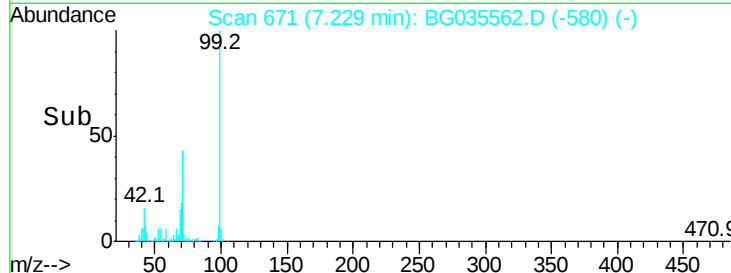
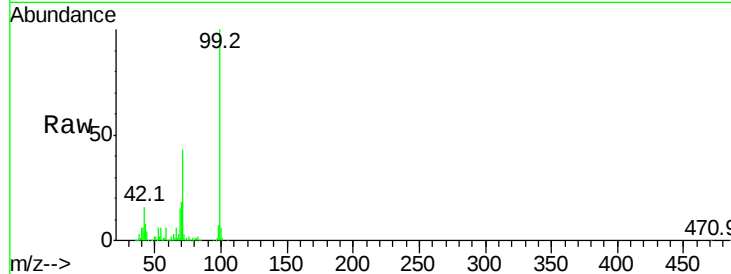
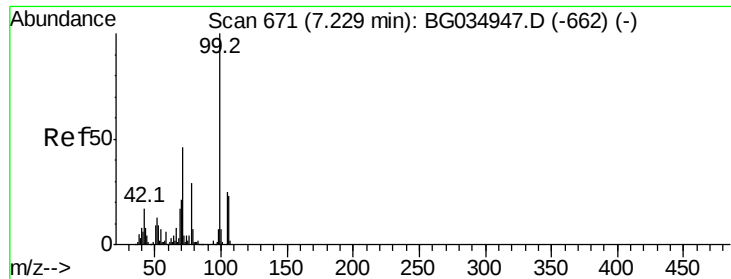
2-Fluorophenol
Concen: 147.841 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	34.9	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: 133.695 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035562.D

Acq: 2 Jul 2018 22:15

Instrument :

BNA_G

ClientSampled :

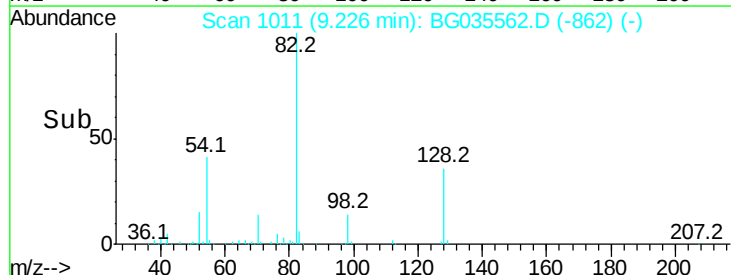
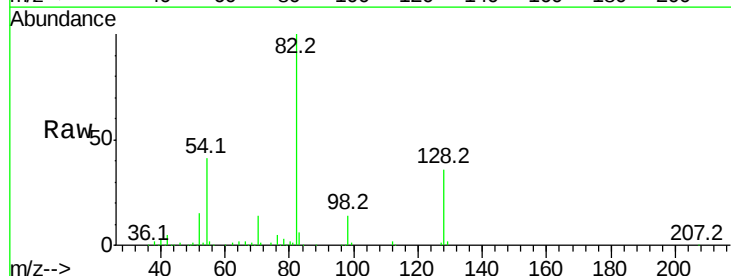
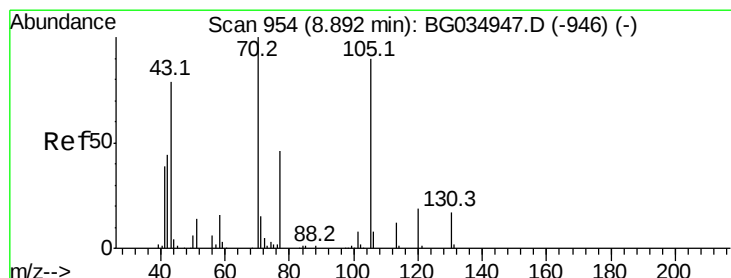
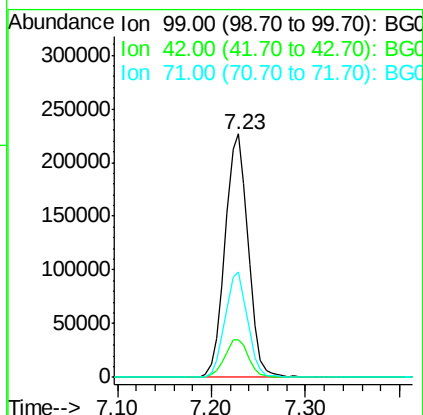
Tot Ion: 99 Resp: 386992

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 43.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.963 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035562.D

Acq: 2 Jul 2018 22:15

Tgt Ion: 70 Resp: 41715

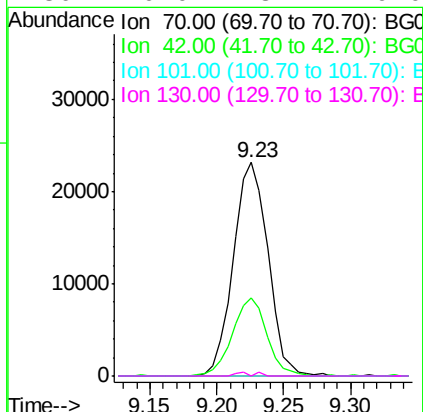
Ion Ratio Lower Upper

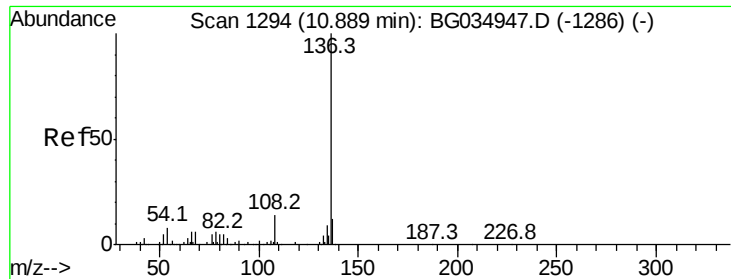
70 100

42 36.6 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

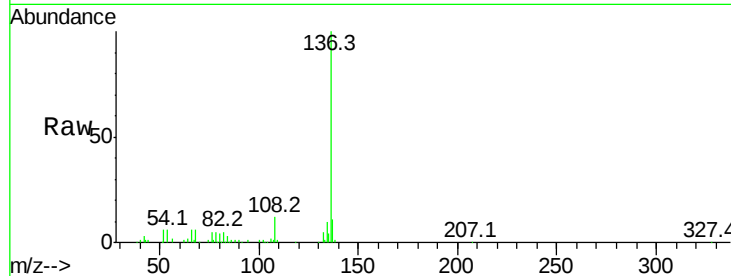




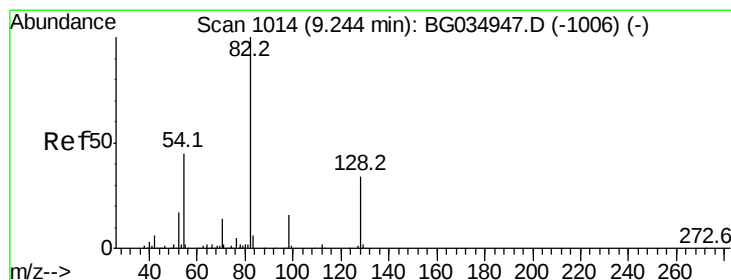
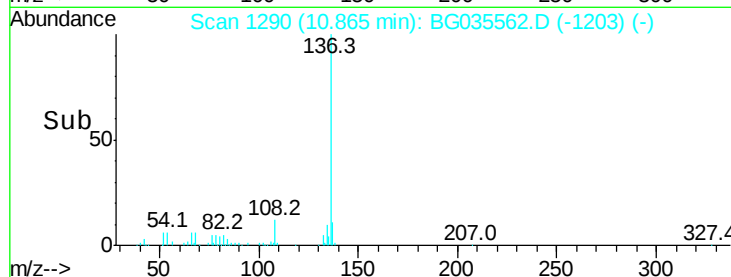
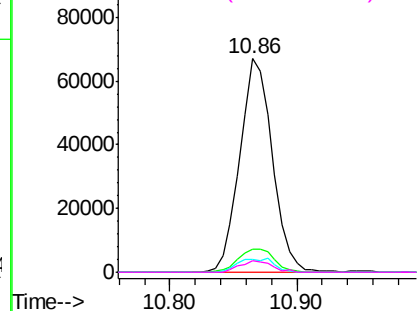
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119723
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.2	13.8
54 6.1	10.3	15.5#
68 5.6	4.5	6.7

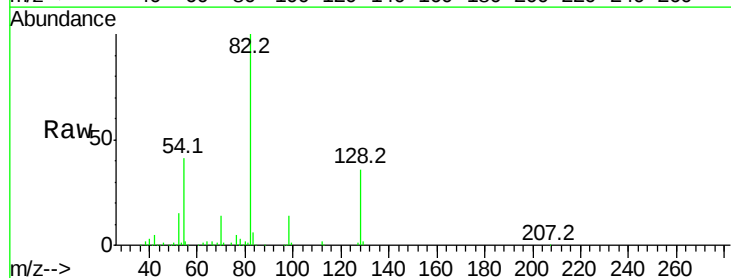


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

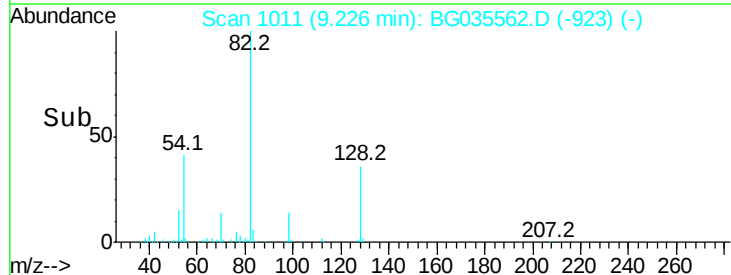
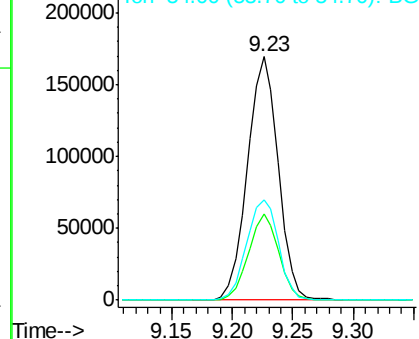


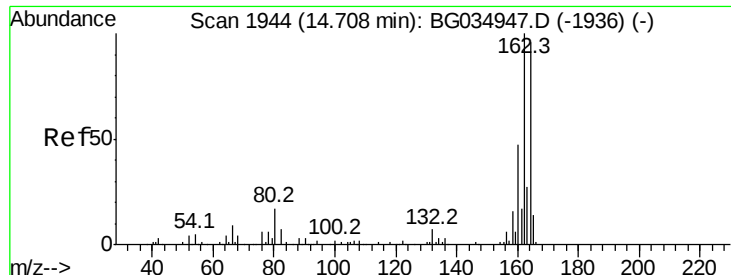
#23
Nitrobenzene-d5
Concen: 119.726 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Tgt	Ion: 82	Resp:	301550
Ion	Ratio	Lower	Upper
82	100		
128	35.6	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): BGC
Ion 54.00 (53.70 to 54.70): BGC

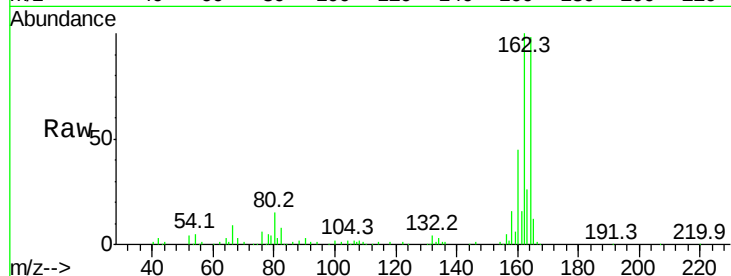




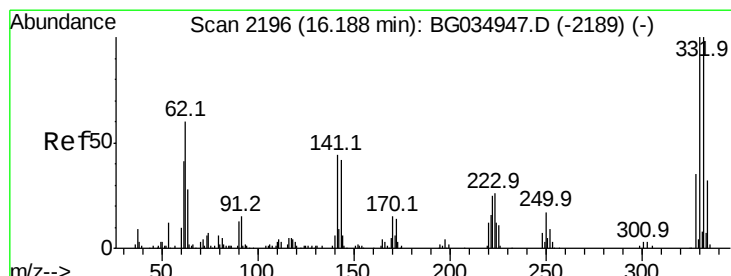
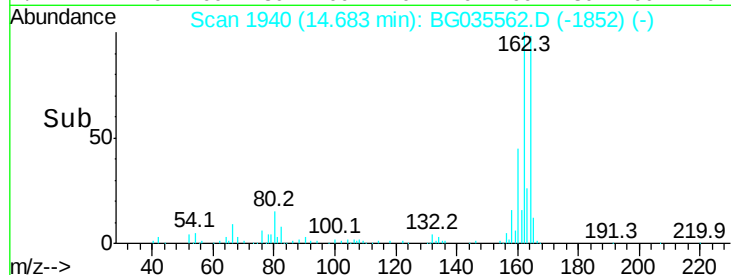
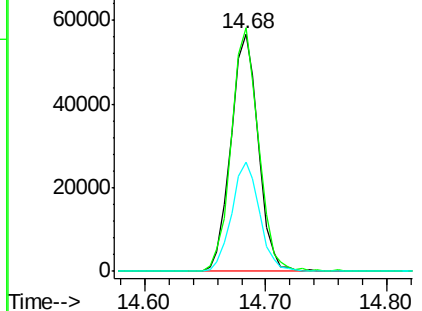
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035562.D
 Acq: 2 Jul 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 89614
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 46.2 35.4 53.0

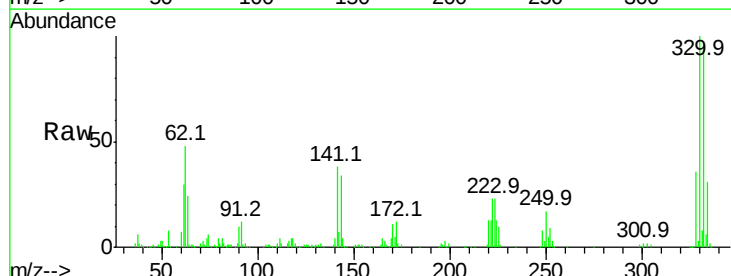


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

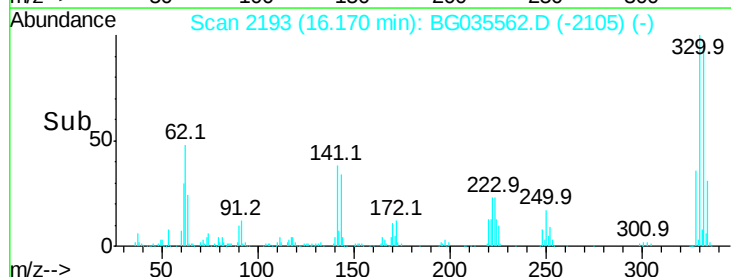
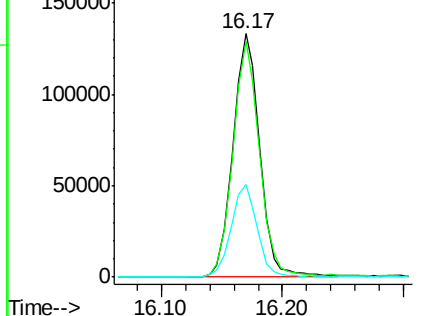


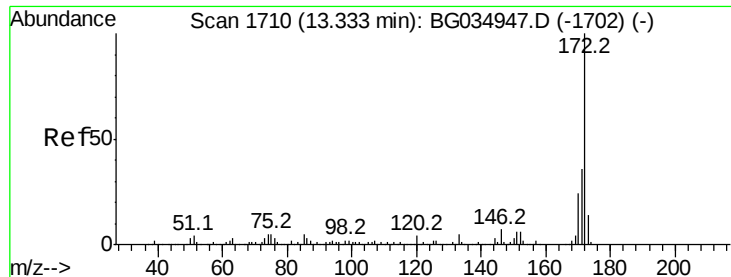
#41
 2,4,6-Tribromophenol
 Concen: 179.608 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035562.D
 Acq: 2 Jul 2018 22:15

Tgt Ion:330 Resp: 206042
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.3 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

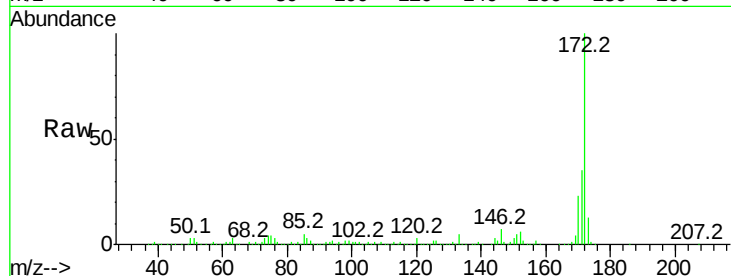




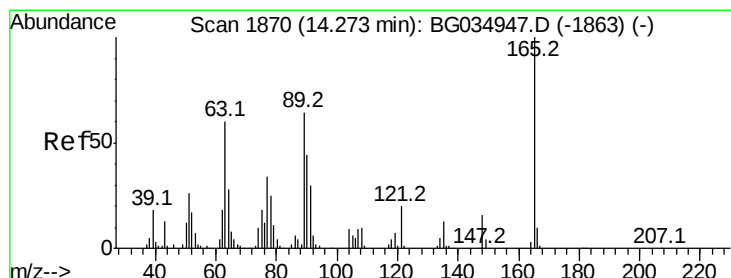
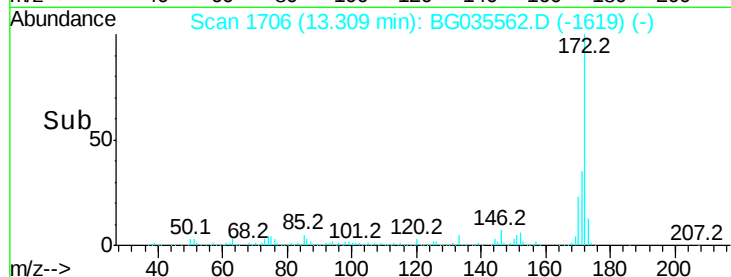
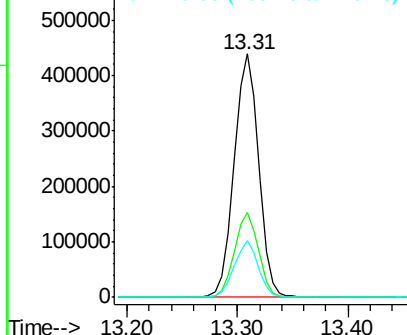
#44
2-Fluorobiphenyl
Concen: 99.273 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 684328
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.1 19.5 29.3

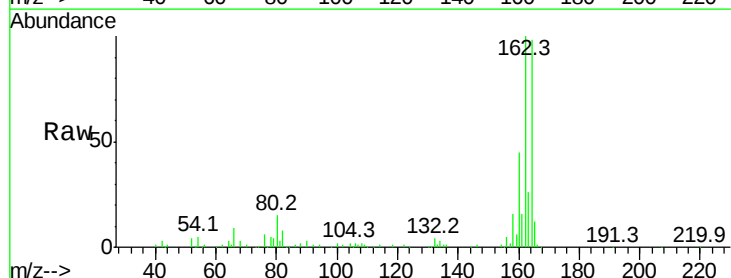


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

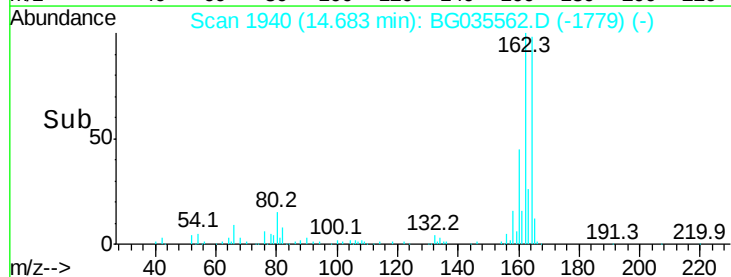
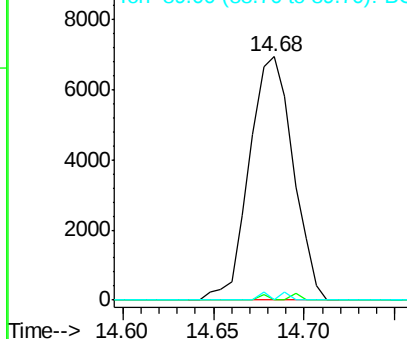


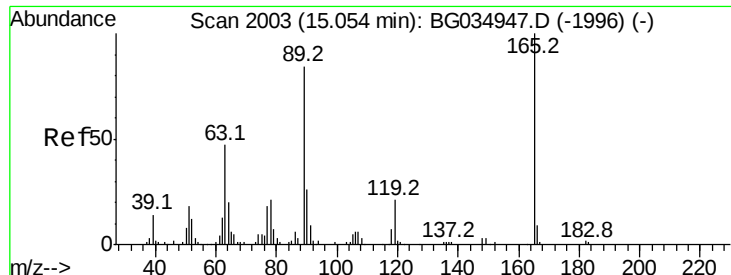
#50
2,6-Dinitrotoluene
Concen: 8.149 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Tgt Ion:165 Resp: 11617
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

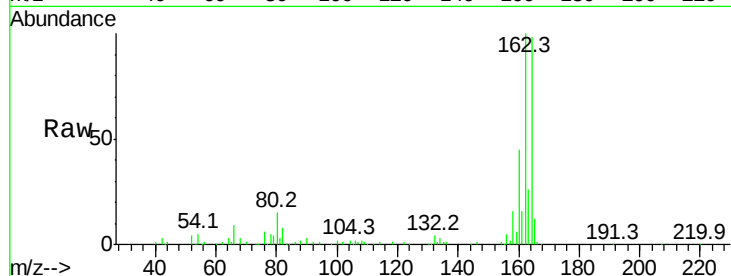




#56
 2,4-Dinitrotoluene
 Concen: 6.134 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035562.D
 Acq: 2 Jul 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11617
 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#

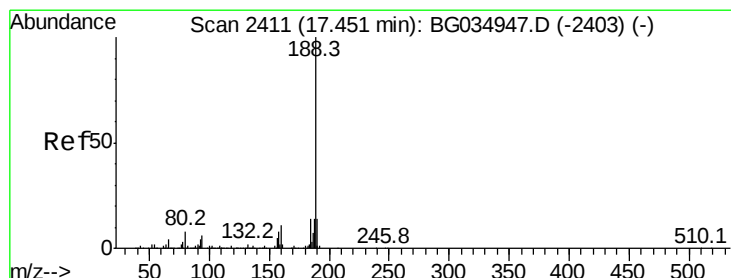
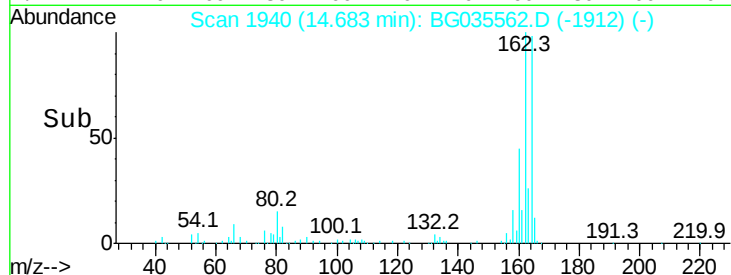
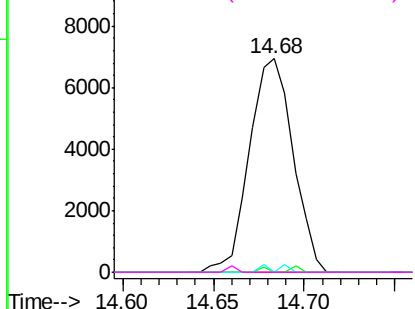


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

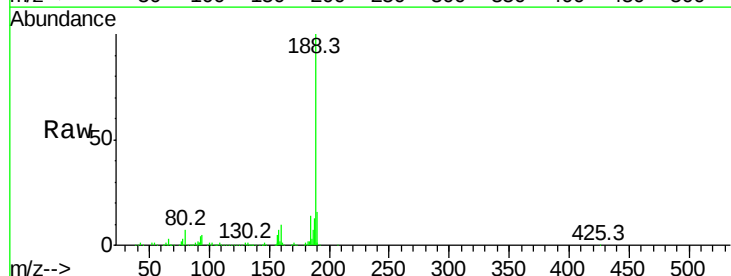
Ion 89.00 (88.70 to 89.70): BGC

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: BG035562.D
 Acq: 2 Jul 2018 22:15

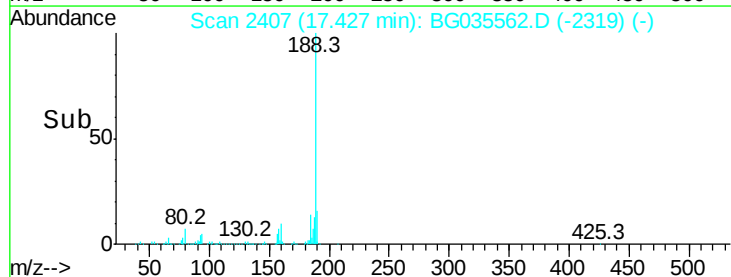
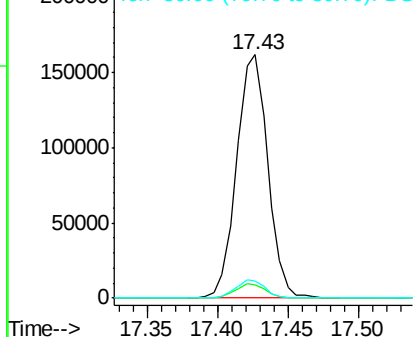
Tgt Ion:188 Resp: 250009
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.0 7.7 11.5#



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

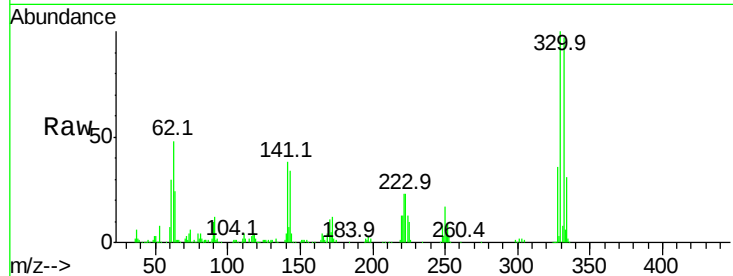




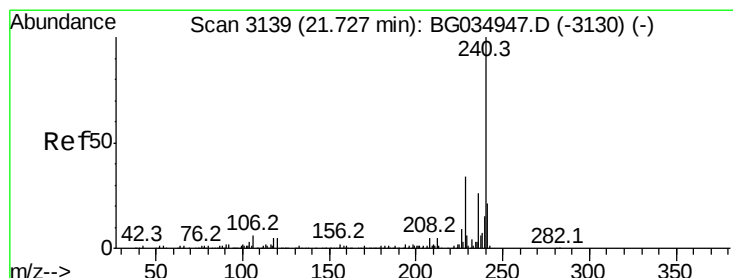
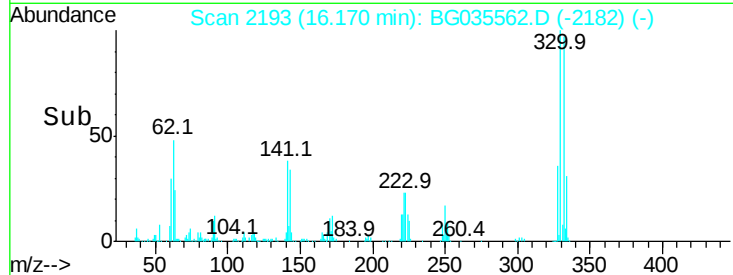
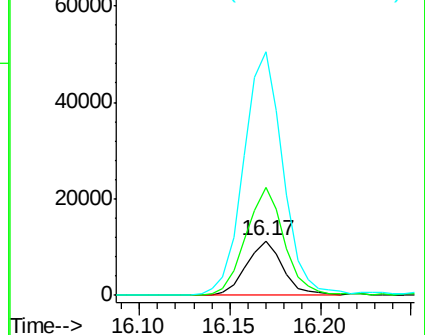
#66
4-Bromophenyl-phenylether
Concen: 5.325 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16032
Ion Ratio Lower Upper
248 100
250 197.2 77.1 115.7#
141 445.8 50.8 76.2#

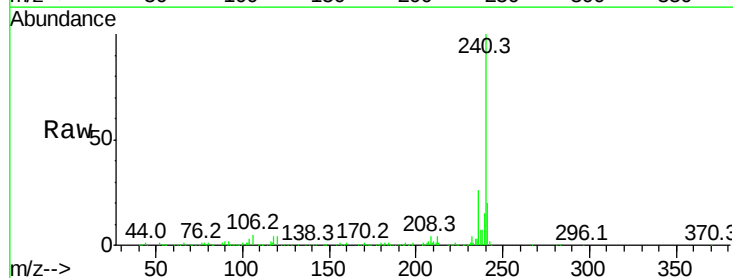


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

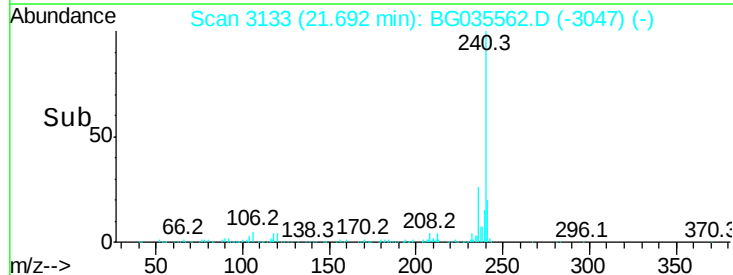
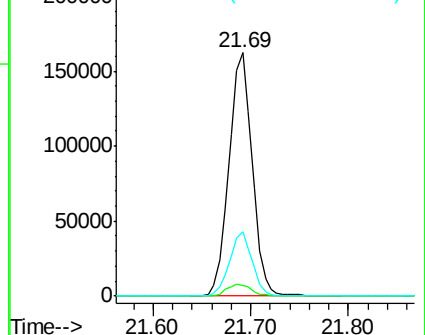


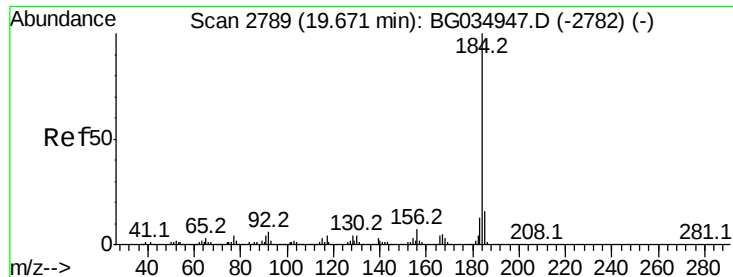
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035562.D
Acq: 2 Jul 2018 22:15

Tgt Ion:240 Resp: 268055
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 26.3 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: 2.357 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035562.D

Acq: 2 Jul 2018 22:15

Instrument :

BNA_G

ClientSampleId :

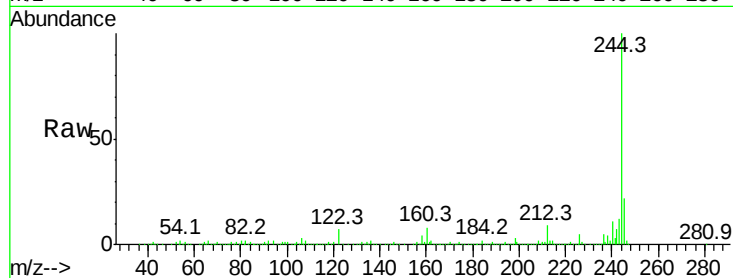
Tot Ion:184 Resp: 23502

Ion Ratio Lower Upper

184 100

185 18.1 11.1 16.7#

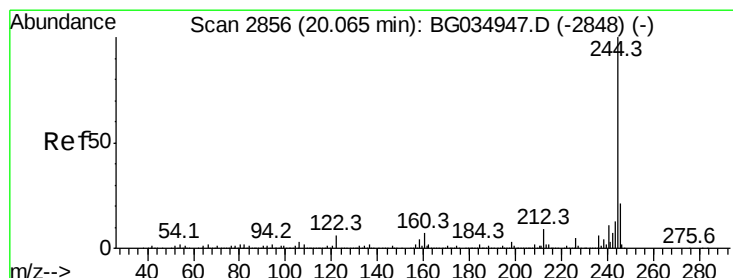
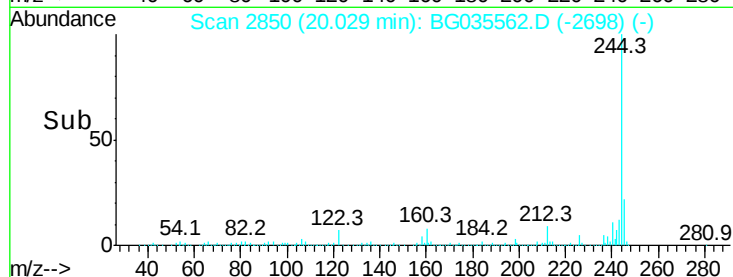
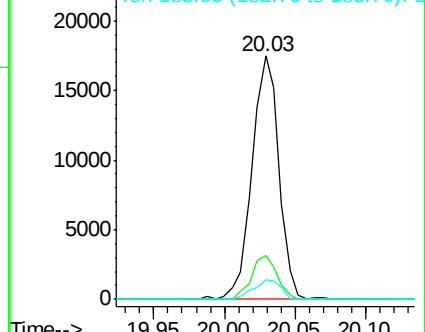
183 8.1 10.6 16.0#



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: 108.548 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035562.D

Acq: 2 Jul 2018 22:15

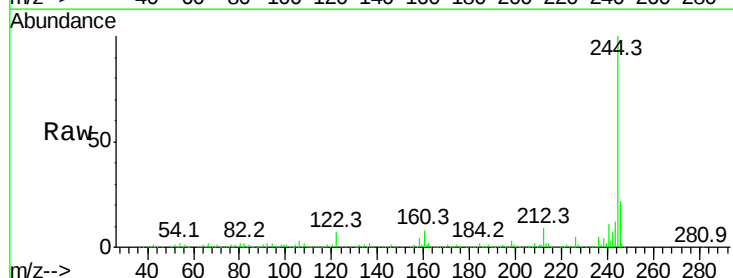
Tgt Ion:244 Resp: 1389090

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

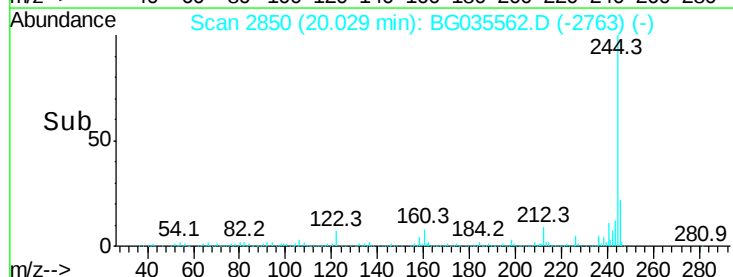
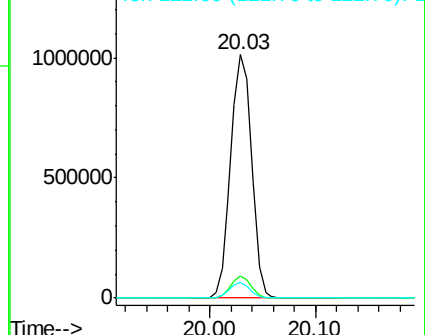
122 6.5 7.0 10.4#

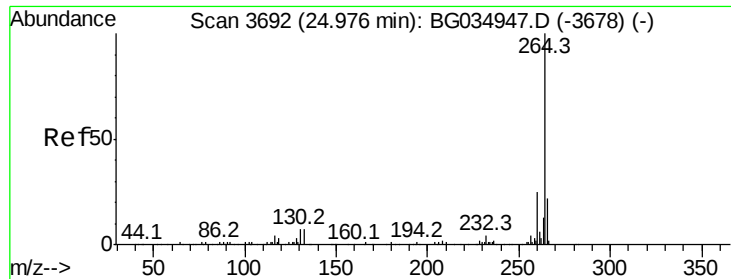


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG035562.D
Acq: 2 Jul 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.0	17.7	26.5

