

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035934.D
 Acq On : 27 Jul 2018 12:50
 Operator : JU/SJ
 Sample : PB111458BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 13:54:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

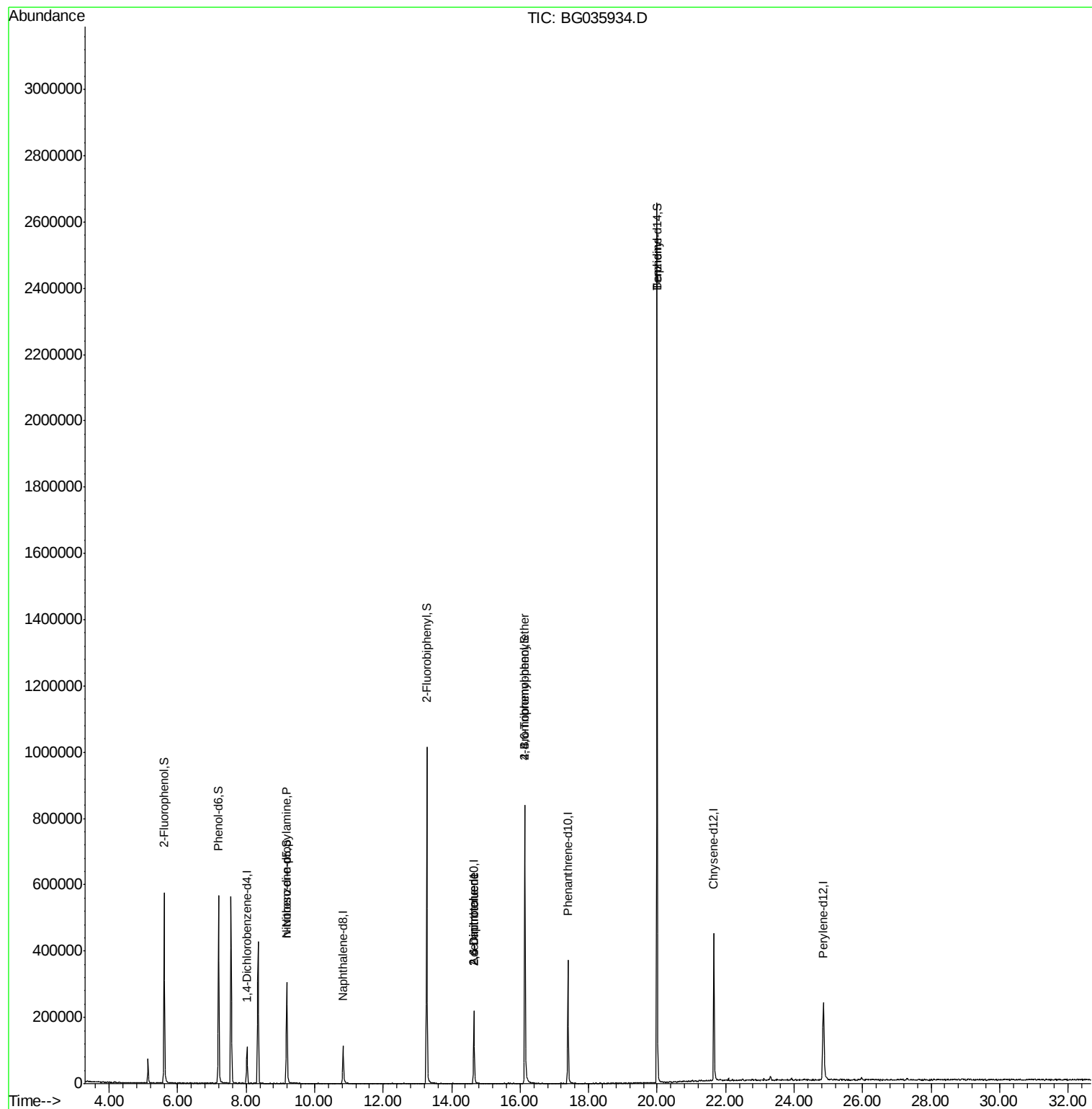
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31157	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	112105	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88677	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269870	20.00	ng	0.00
75) Chrysene-d12	21.65	240	299882	20.00	ng	0.00
86) Perylene-d12	24.86	264	277220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251646	134.09	ng	0.00
7) Phenol-d6	7.19	99	354218	126.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	223200	83.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	166517	142.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	574588	86.81	ng	0.00
78) Terphenyl-d14	20.00	244	1293427	95.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	32057	13.596	ng	# 63
50) 2,6-Dinitrotoluene	14.65	165	12077	7.633	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	12077	5.321	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	13717	4.381	ng	# 1
76) Benzidine	20.00	184	21864	2.773	ng	# 91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035934.D
Acq On : 27 Jul 2018 12:50
Operator : JU/SJ
Sample : PB111458BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 27 13:54:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



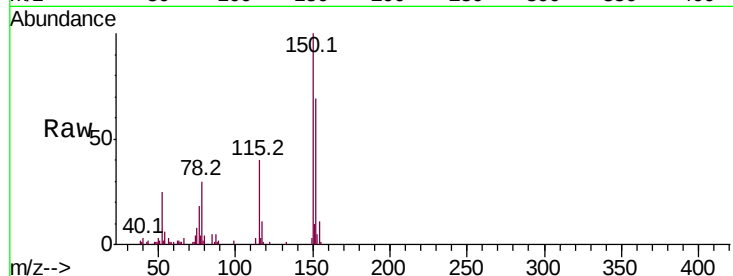


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	57.9	53.0	79.4

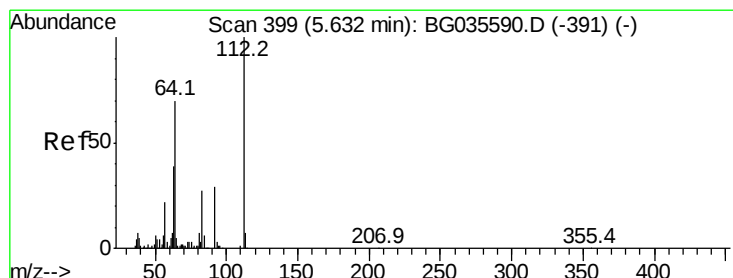
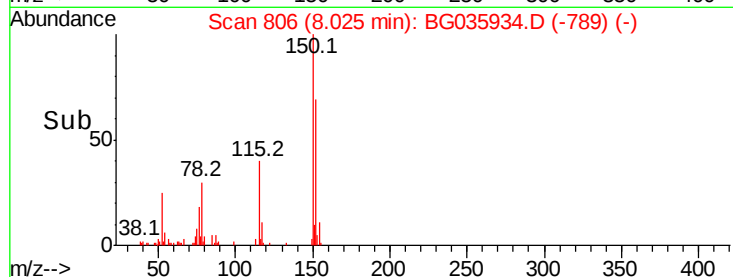
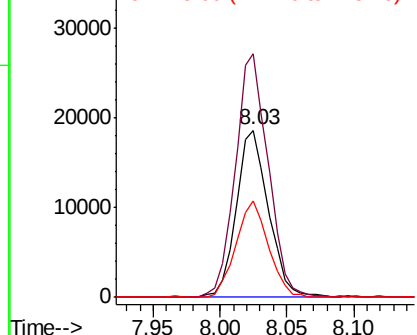


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

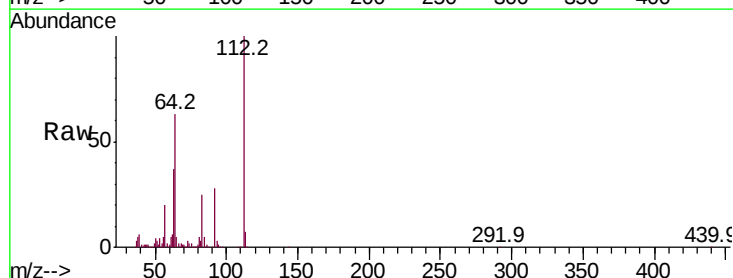
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.092 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	36.8	30.1	45.1

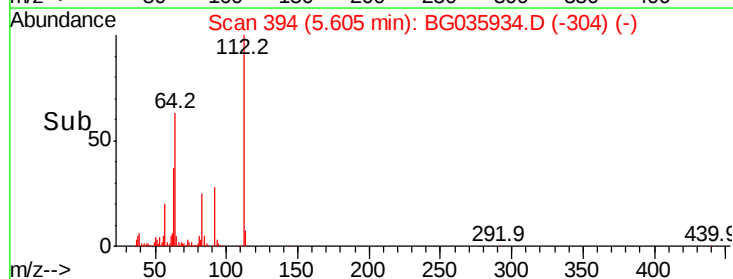
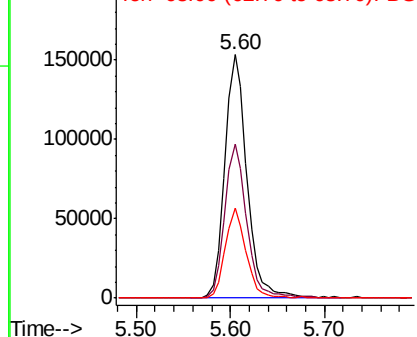


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.508 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Instrument :

BNA_G

ClientSampled :

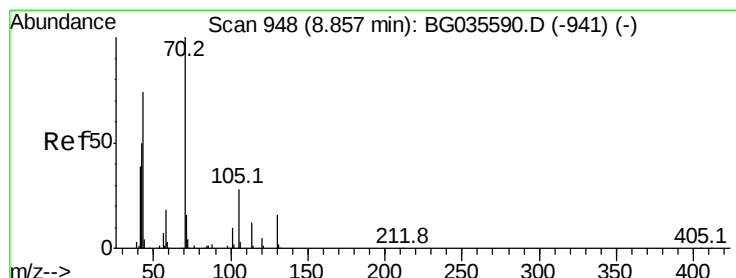
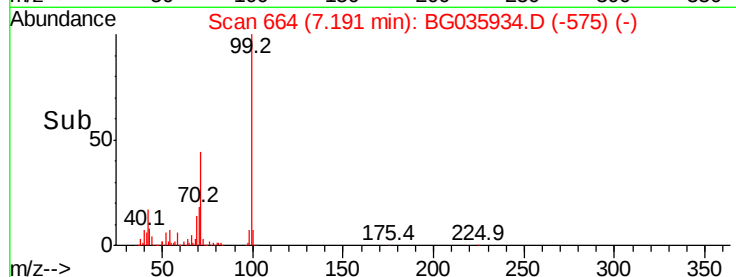
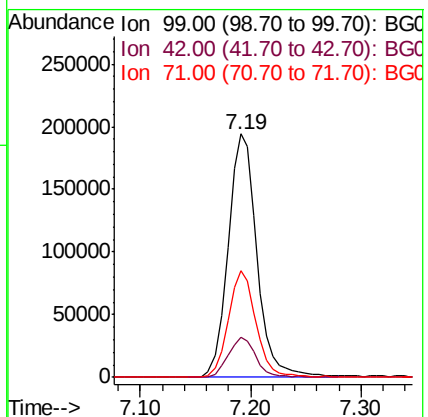
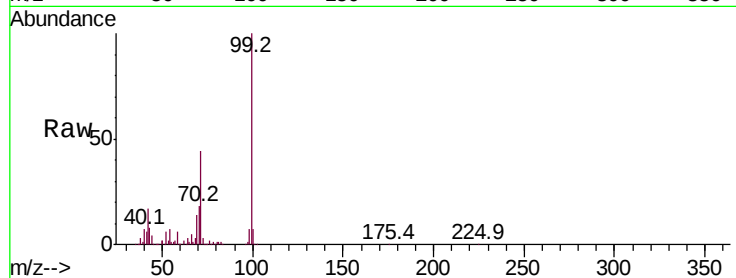
Tot Ion: 99 Resp: 354218

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.596 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Tgt Ion: 70 Resp: 32057

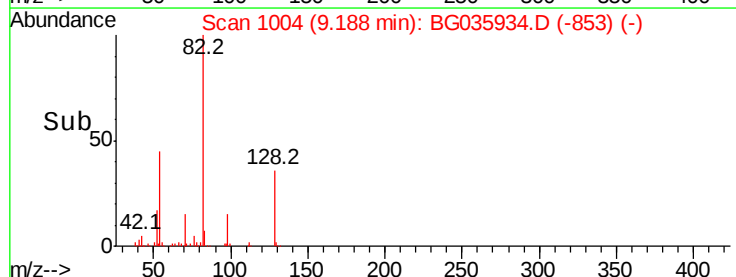
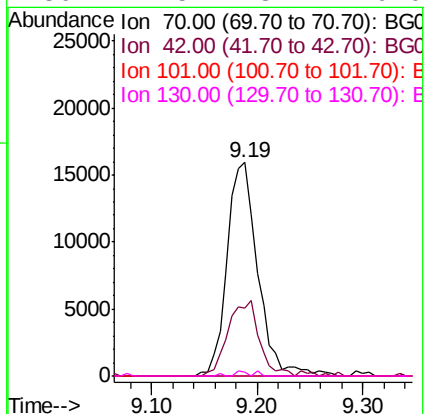
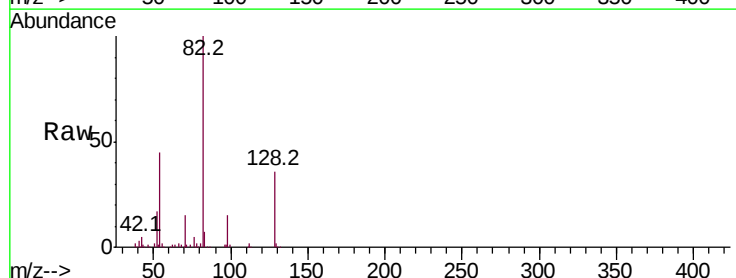
Ion Ratio Lower Upper

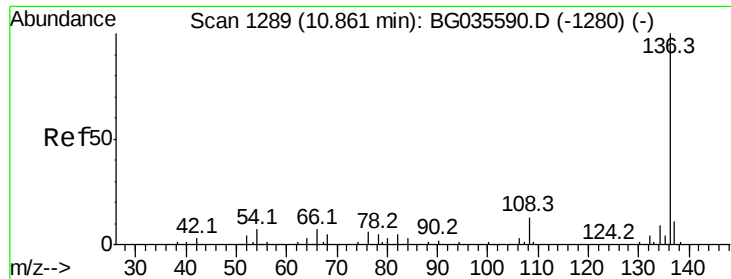
70 100

42 31.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

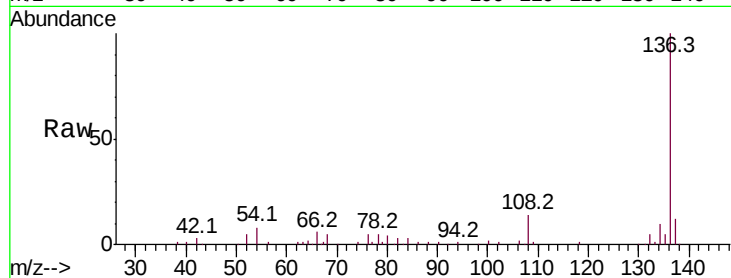




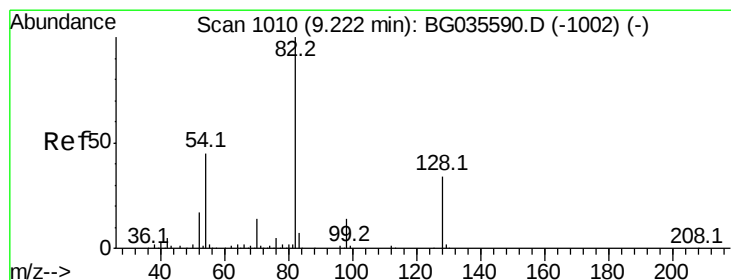
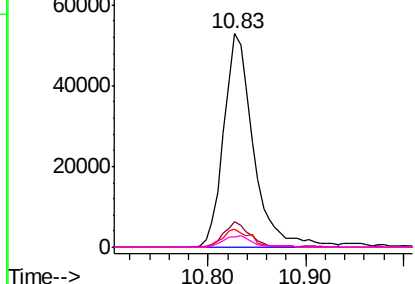
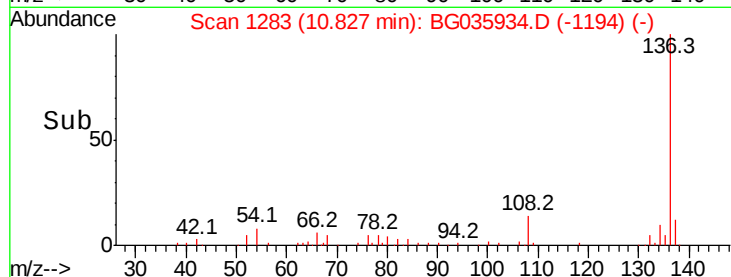
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	112105
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.2	10.3	15.5#
68	4.8	4.5	6.7

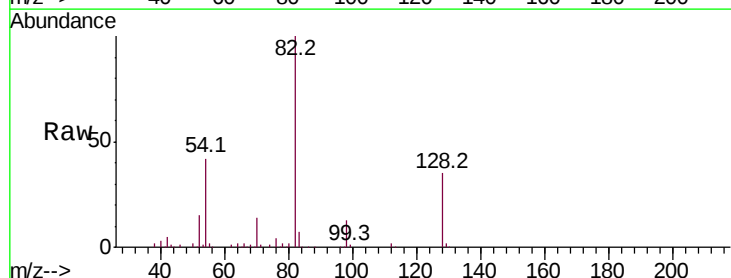


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

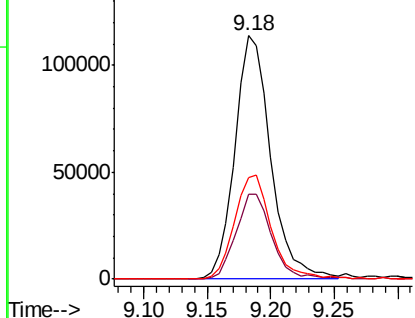
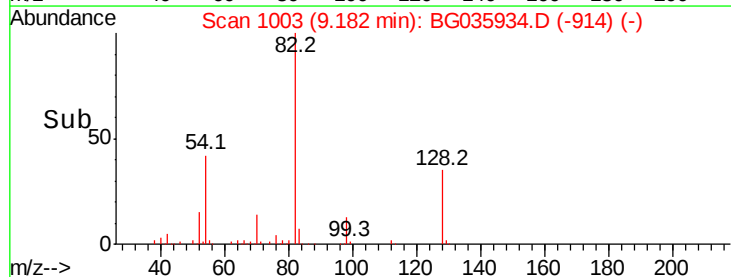


#23
Nitrobenzene-d5
Concen: 83.173 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tgt Ion:	82	Resp:	223200
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	41.7	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: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Instrument :

BNA_G

ClientSampleId :

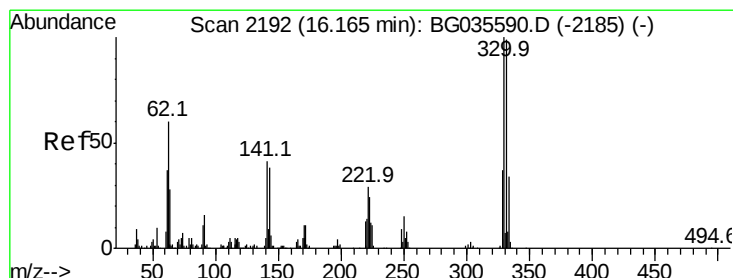
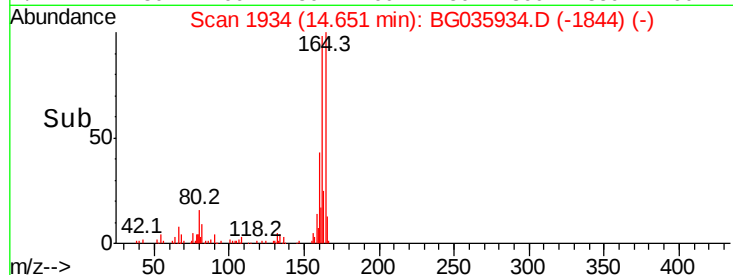
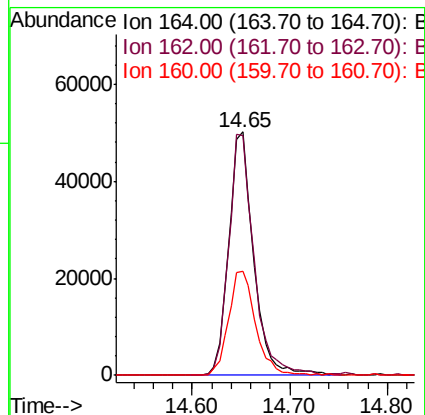
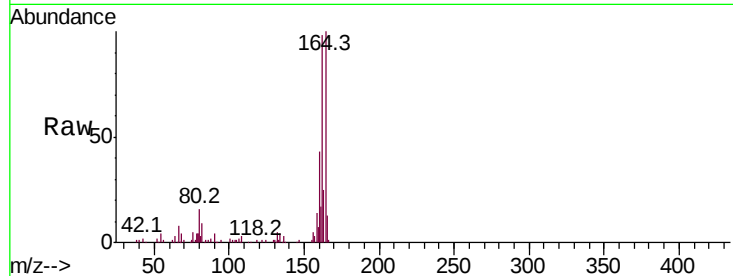
Tot Ion:164 Resp: 88677

Ion Ratio Lower Upper

164 100

162 98.4 78.8 118.2

160 42.9 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 142.466 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

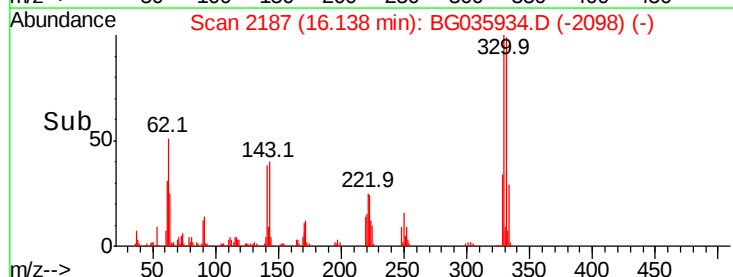
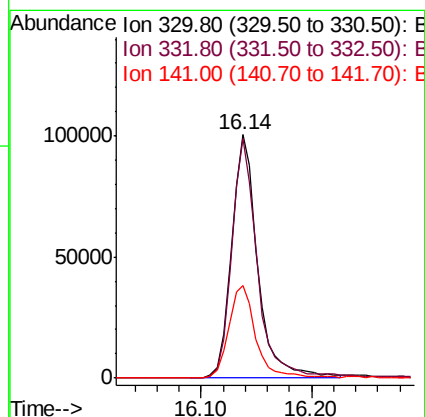
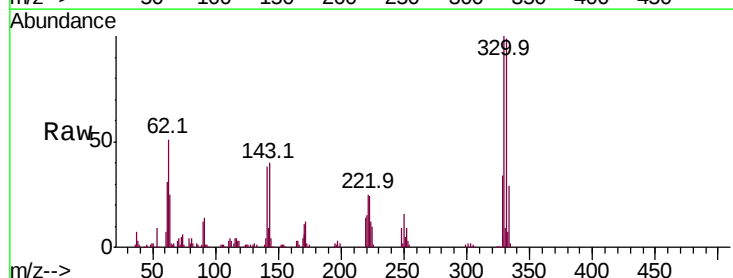
Tgt Ion:330 Resp: 166517

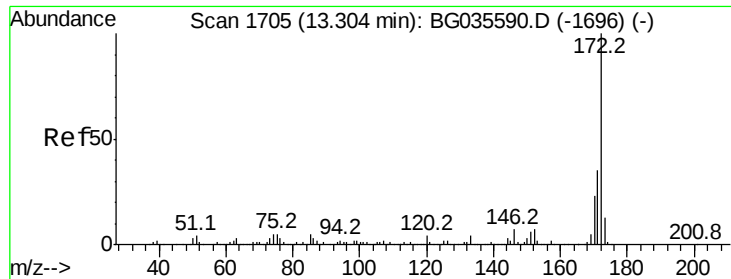
Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

141 39.7 25.2 37.8#

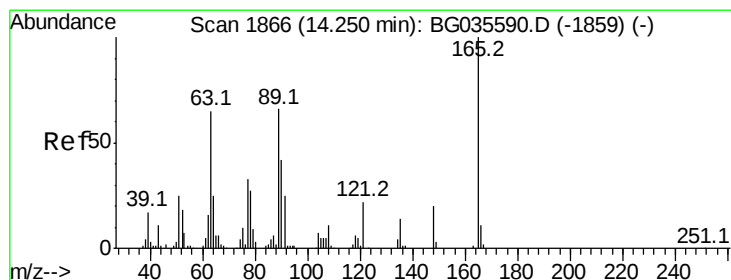
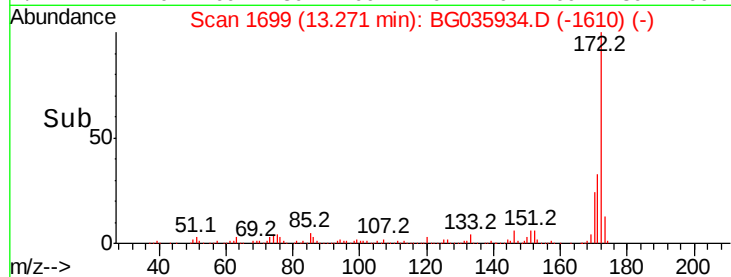
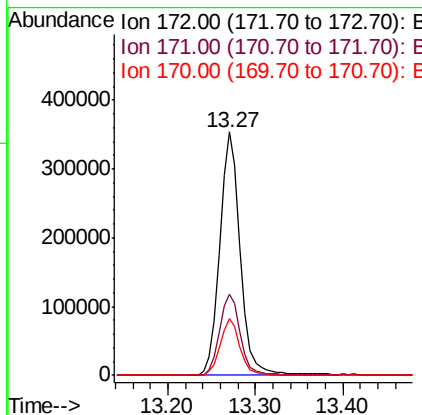
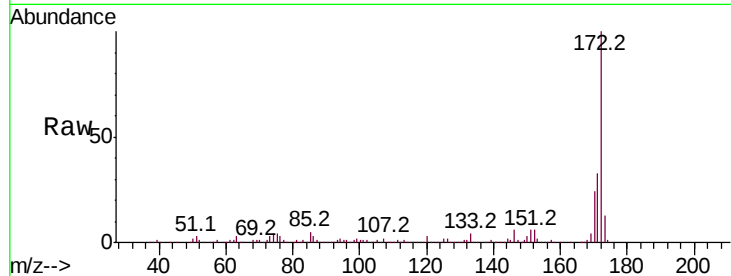




#44
 2-Fluorobiphenyl
 Concen: 86.809 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035934.D
 Acq: 27 Jul 2018 12:50

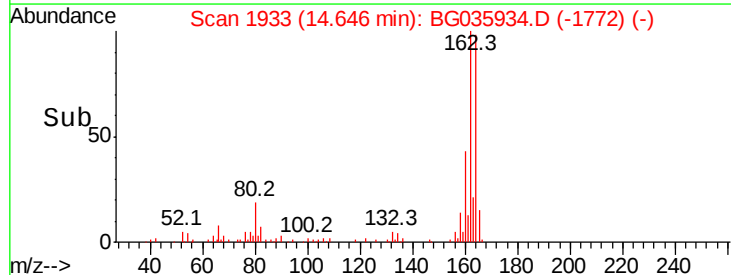
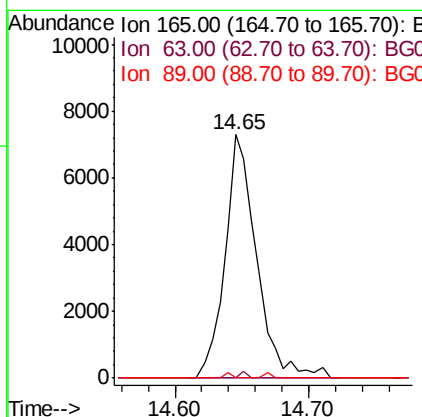
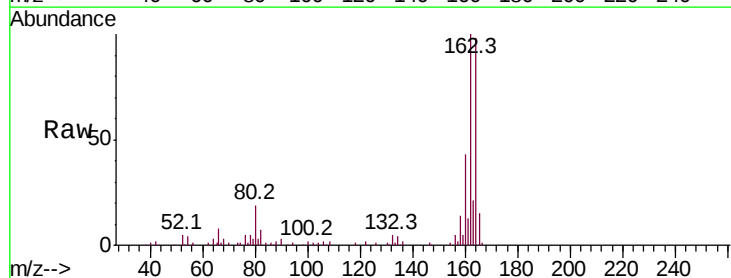
Instrument :
 BNA_G
 ClientSampleId :

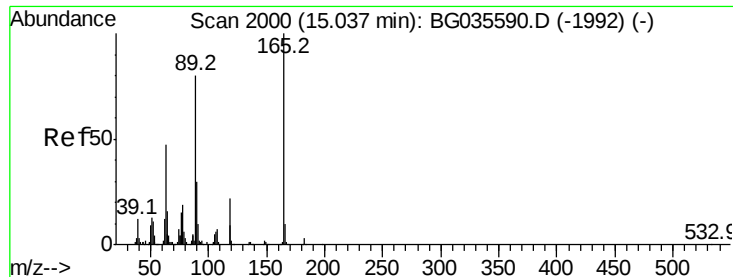
Tot Ion:172 Resp: 574588
 Ion Ratio Lower Upper
 172 100
 171 33.3 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.633 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG035934.D
 Acq: 27 Jul 2018 12:50

Tgt Ion:165 Resp: 12077
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

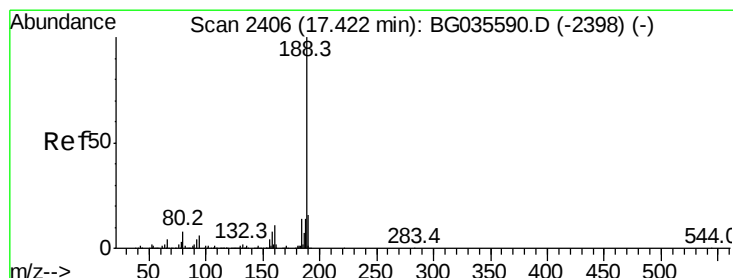
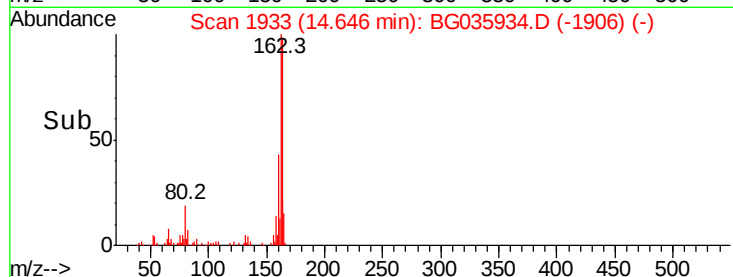
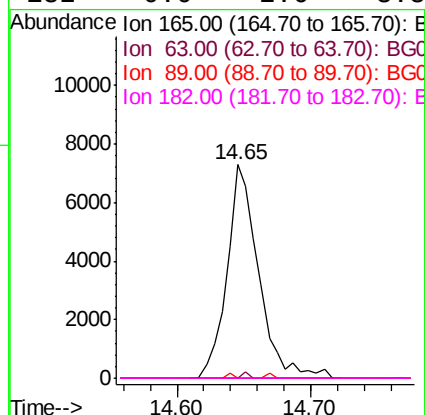
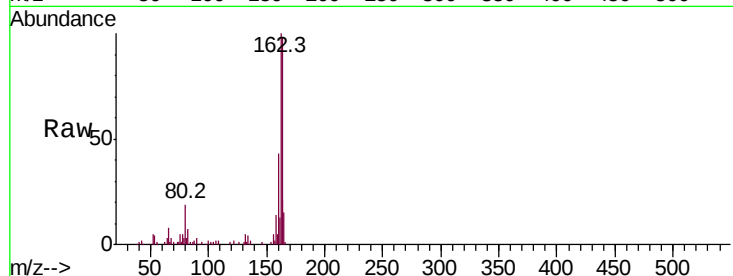




#56
2,4-Dinitrotoluene
Concen: 5.321 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

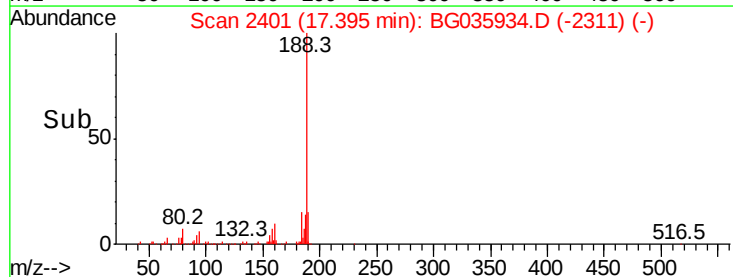
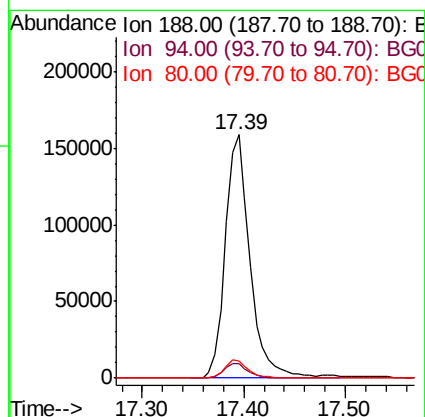
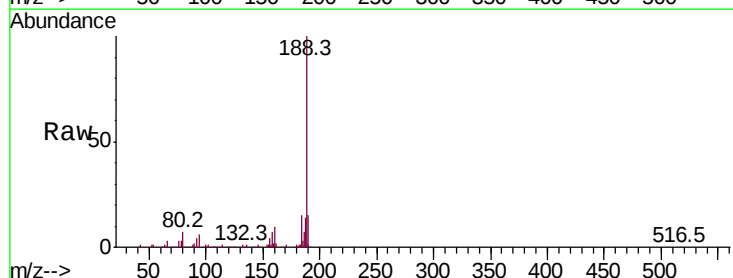
Instrument :
BNA_G
ClientSampleId :

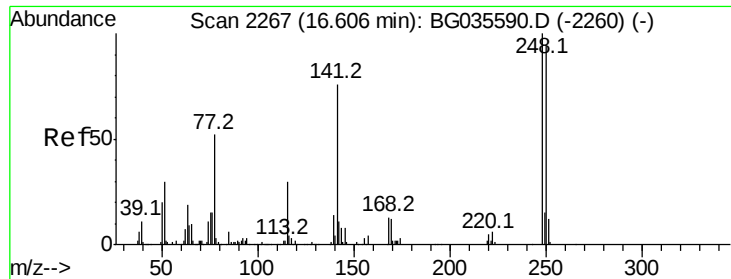
Tot Ion:165 Resp: 12077
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tgt Ion:188 Resp: 269870
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.0 7.7 11.5#

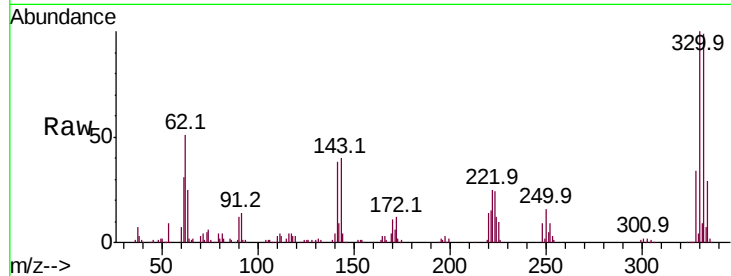




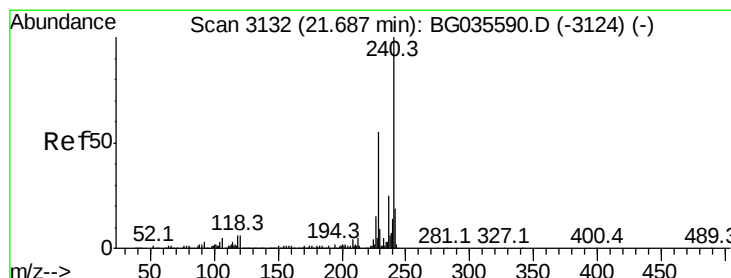
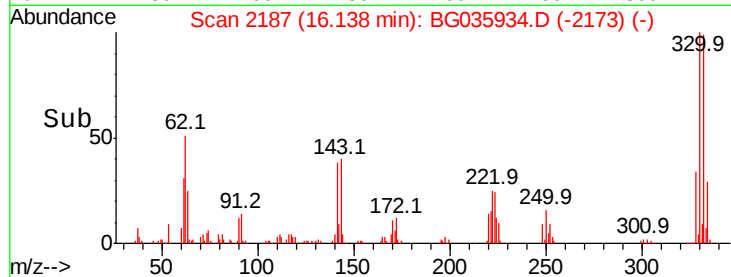
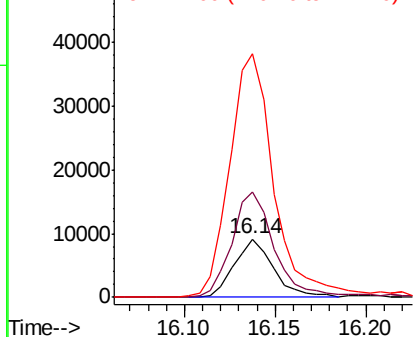
#66
 4-Bromophenyl-phenylether
 Concen: 4.381 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035934.D
 Acq: 27 Jul 2018 12:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13717
 Ion Ratio Lower Upper
 248 100
 250 180.5 77.1 115.7#
 141 416.6 50.8 76.2#

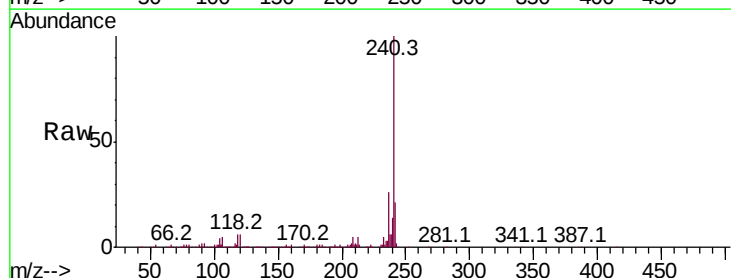


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

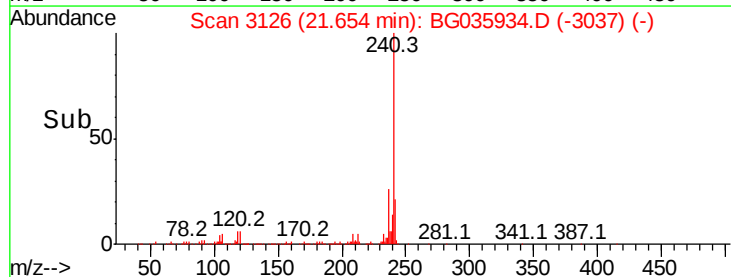
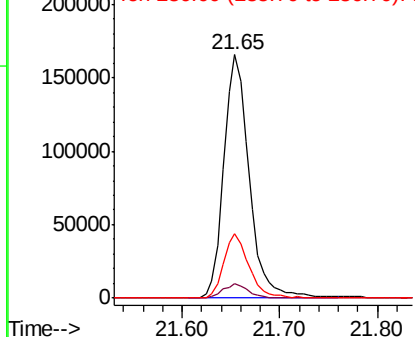


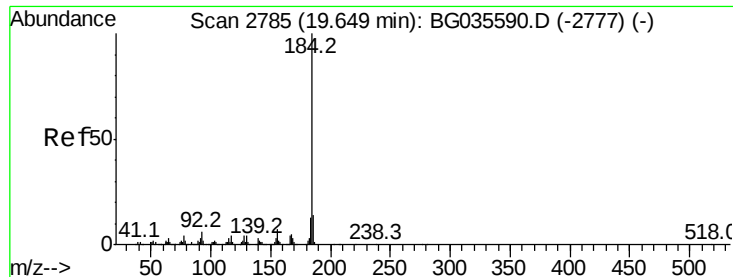
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG035934.D
 Acq: 27 Jul 2018 12:50

Tgt Ion:240 Resp: 299882
 Ion Ratio Lower Upper
 240 100
 120 6.2 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: 2.773 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Instrument :

BNA_G

ClientSampleId :

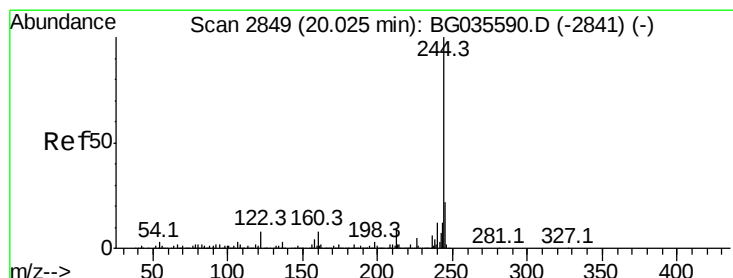
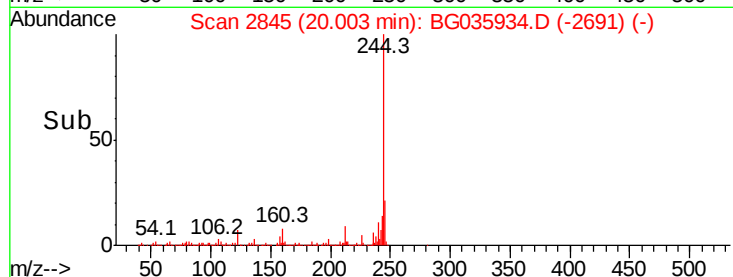
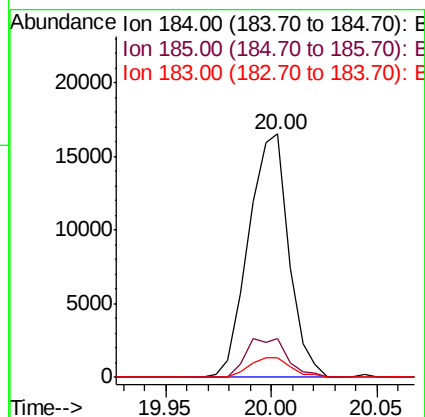
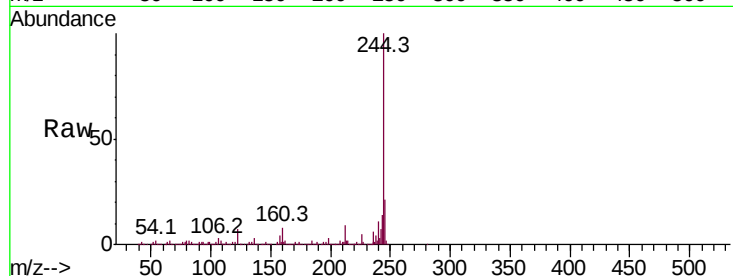
Tot Ion:184 Resp: 21864

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

183 8.0 10.6 16.0#



#78

Terphenyl-d14

Concen: 95.074 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

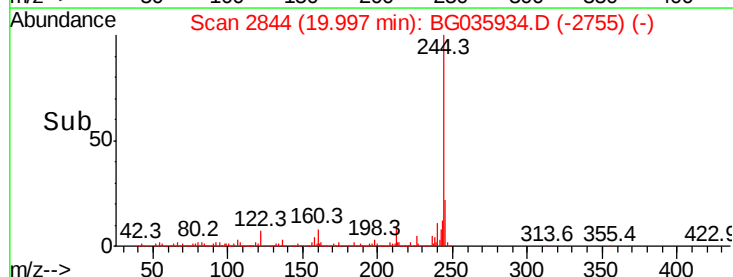
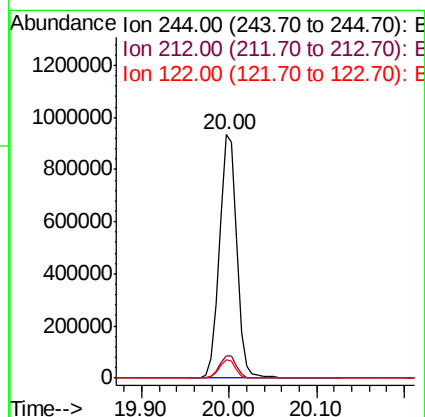
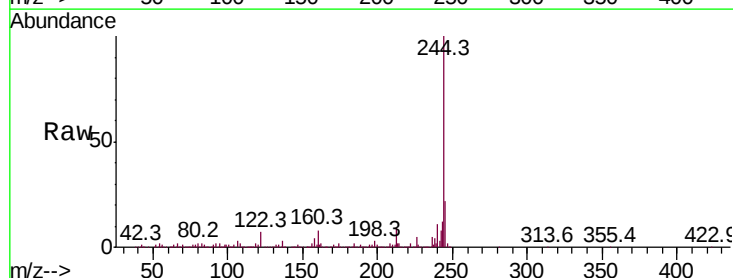
Tgt Ion:244 Resp: 1293427

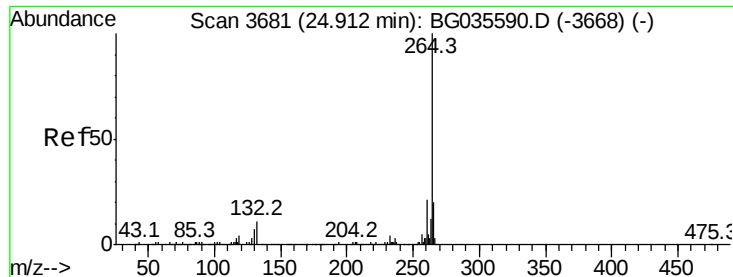
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 7.4 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035934.D
 Acq: 27 Jul 2018 12:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	21.9	17.7	26.5

