

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036058.D
 Acq On : 2 Aug 2018 13:26
 Operator : JU/SJ
 Sample : J4233-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 14:10:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

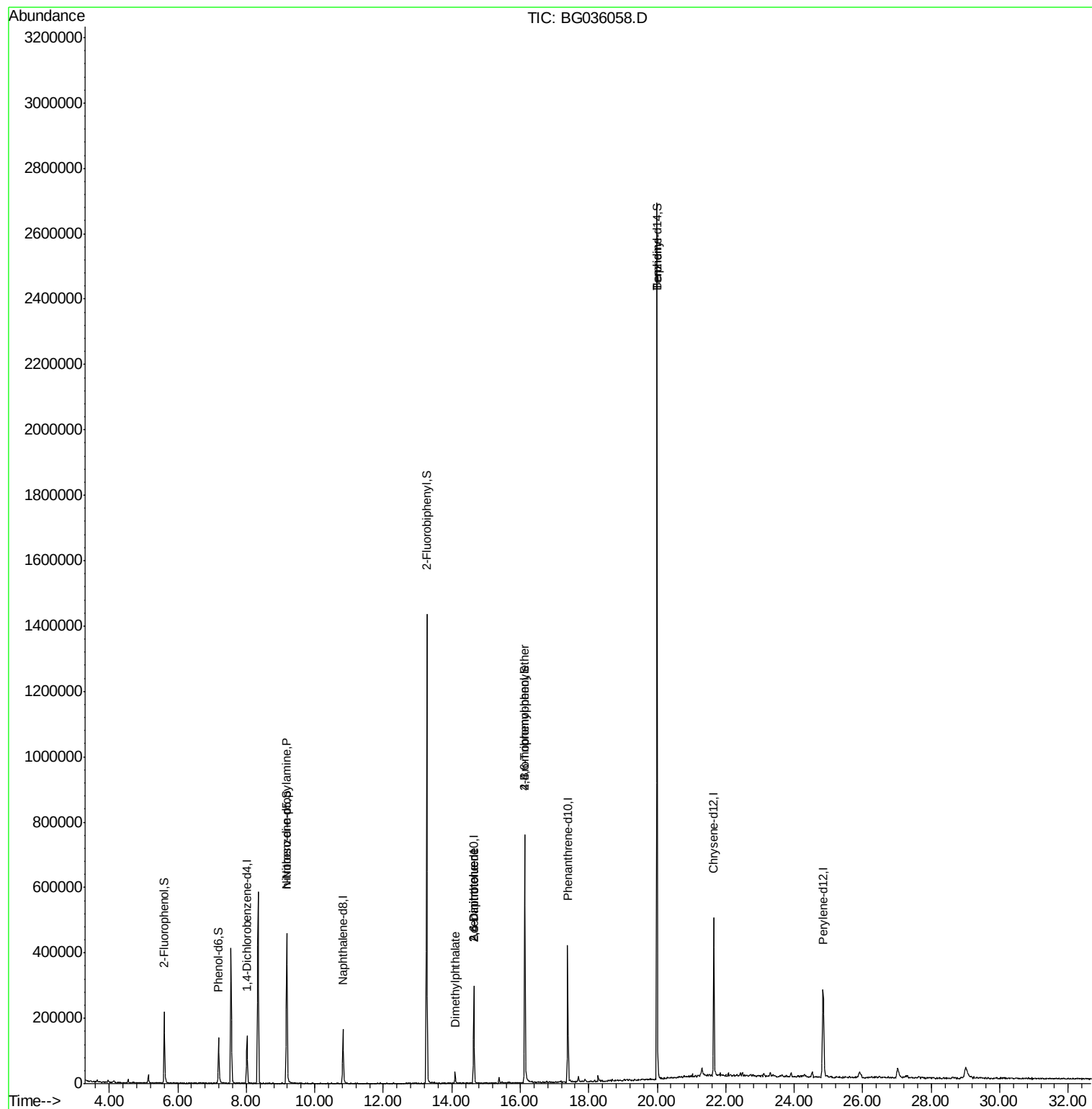
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40658	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	150263	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	106511	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	287108	20.00	ng	0.00
75) Chrysene-d12	21.65	240	319085	20.00	ng	0.00
86) Perylene-d12	24.84	264	301019	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	103812	42.39	ng	0.00
7) Phenol-d6	7.19	99	94389	25.83	ng	0.00
23) Nitrobenzene-d5	9.18	82	330073	91.76	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	148658	105.89	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	794261	99.91	ng	0.00
78) Terphenyl-d14	19.99	244	1280453	88.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	46365	15.069	ng	# 65
49) Dimethylphthalate	14.10	163	25037	2.683	ng	# 93
50) 2,6-Dinitrotoluene	14.64	165	15069	7.930	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	15069	5.527	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	12350	3.708	ng	# 1
76) Benzidine	19.99	184	21587	2.573	ng	# 89

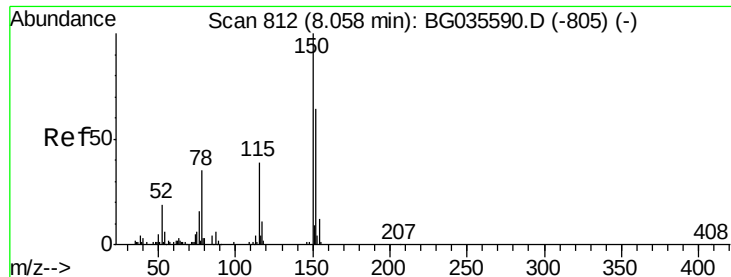
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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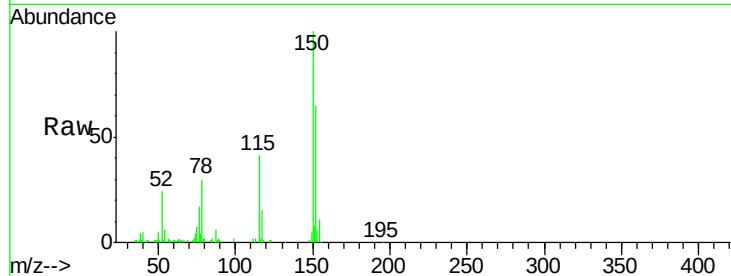


#1

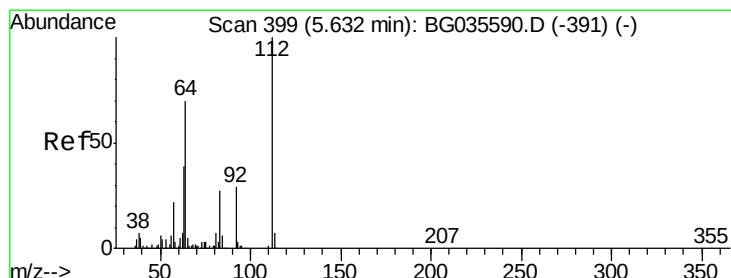
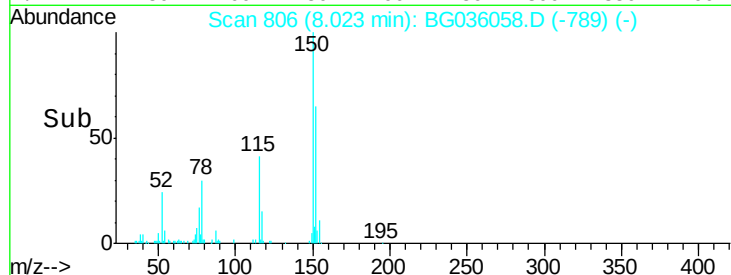
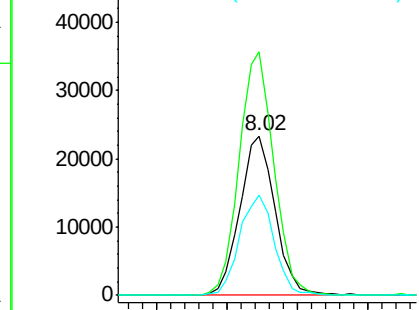
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036058.D
Acq: 2 Aug 2018 13:26

Instrument :
BNA_G
ClientSampled :

Tgt Ion:152 Resp: 40658
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 62.8 53.0 79.4



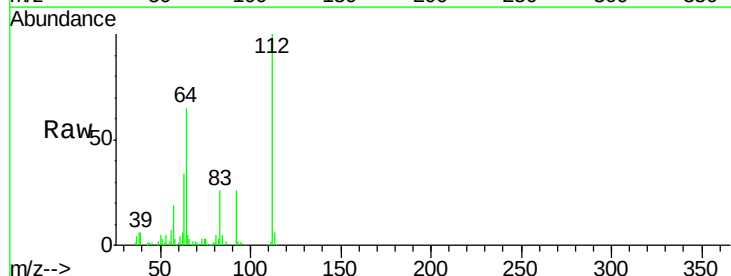
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



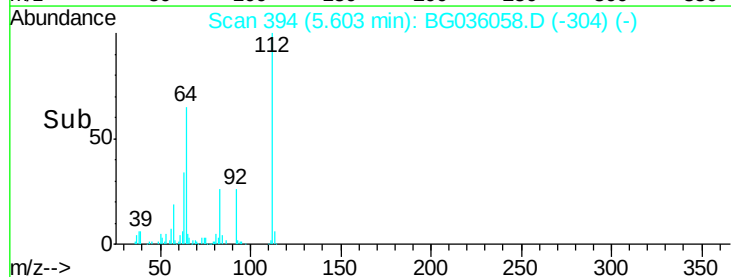
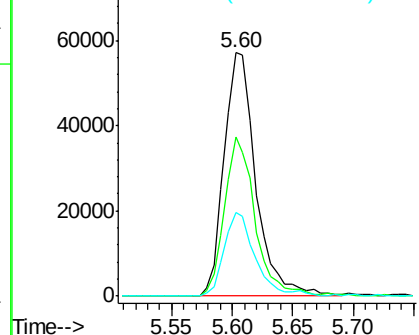
#5

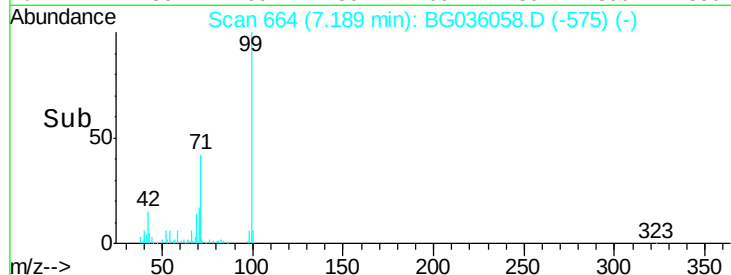
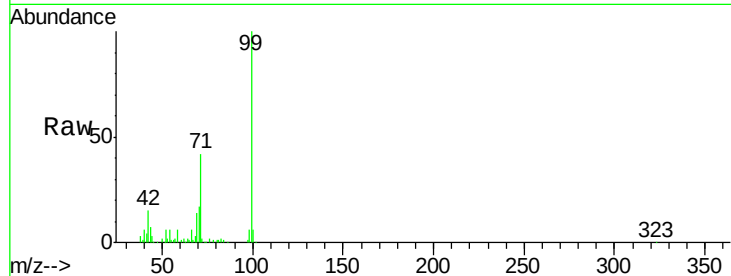
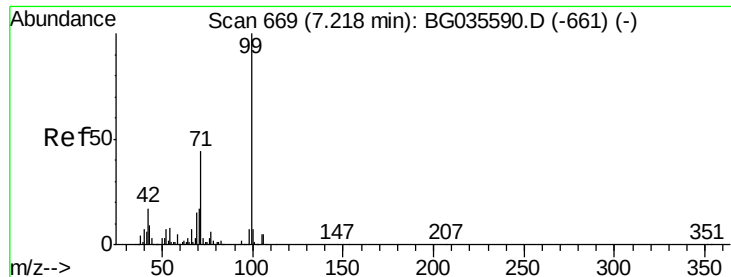
2-Fluorophenol
Concen: 42.391 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036058.D
Acq: 2 Aug 2018 13:26

Tgt Ion:112 Resp: 103812
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 34.5 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: 25.833 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Instrument :

BNA_G

ClientSampleId :

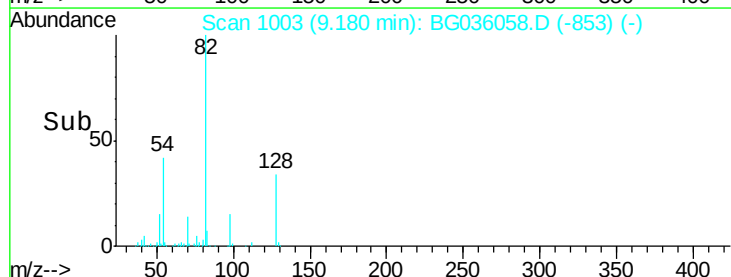
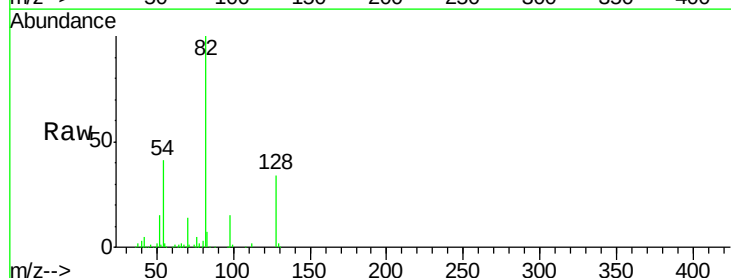
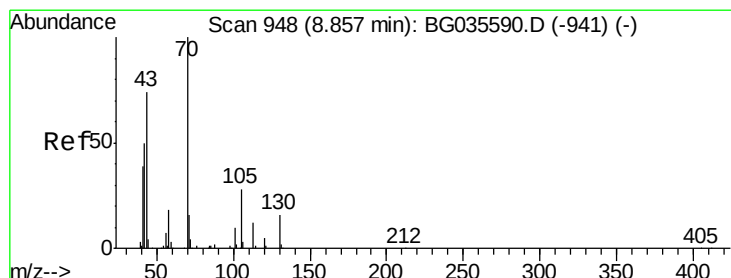
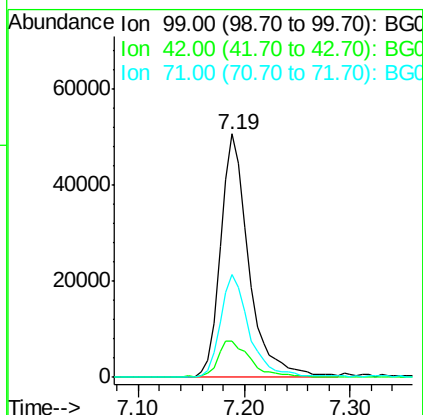
Tgt Ion: 99 Resp: 94389

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 42.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.069 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Tgt Ion: 70 Resp: 46365

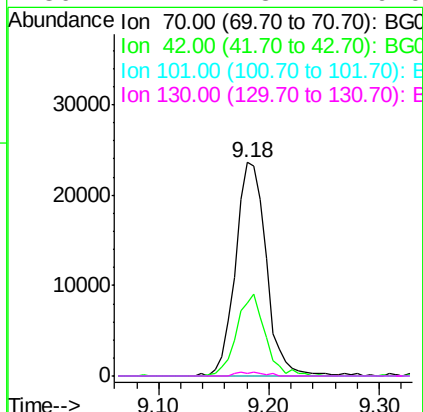
Ion Ratio Lower Upper

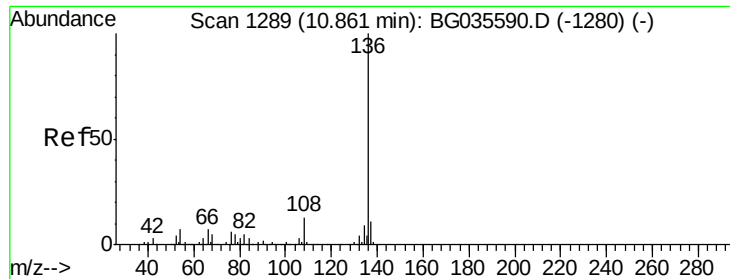
70 100

42 34.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

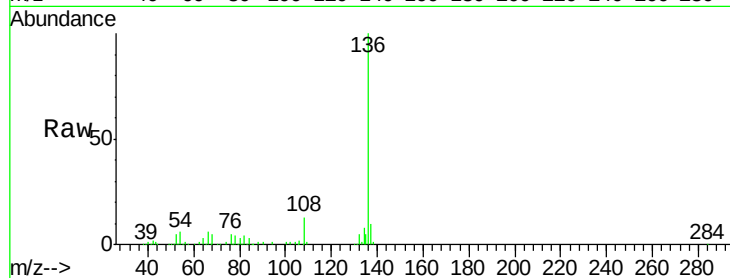




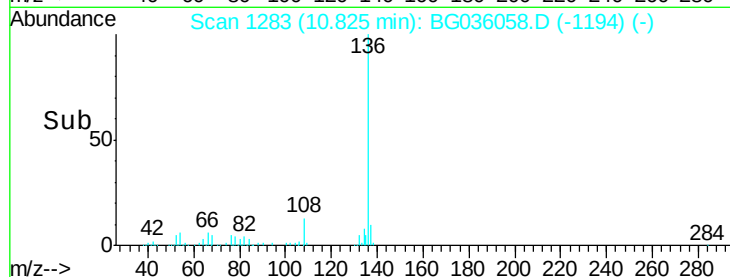
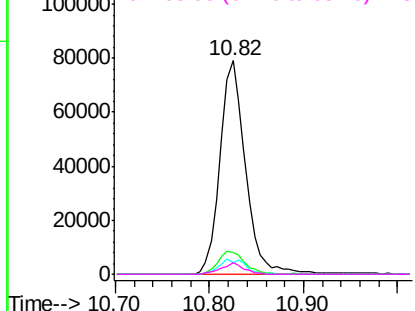
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036058.D
Acq: 2 Aug 2018 13:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	150263
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	5.5	10.3	15.5#
68	5.3	4.5	6.7

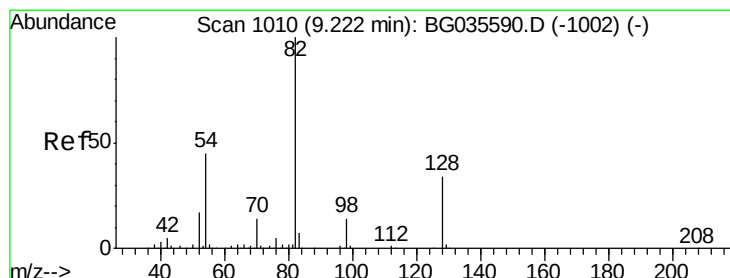


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

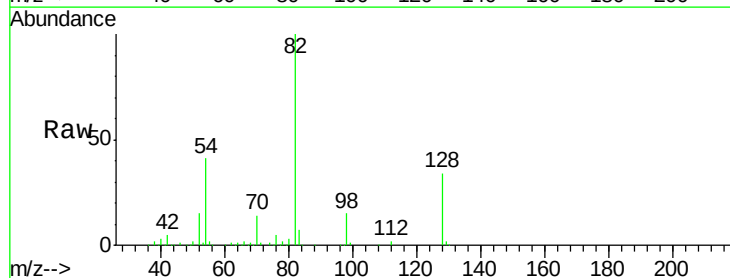
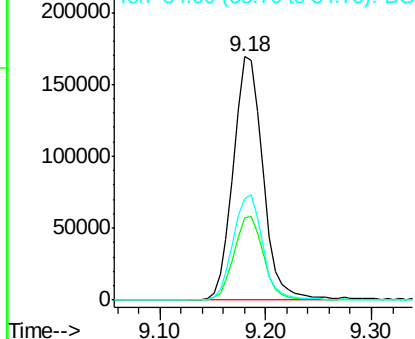


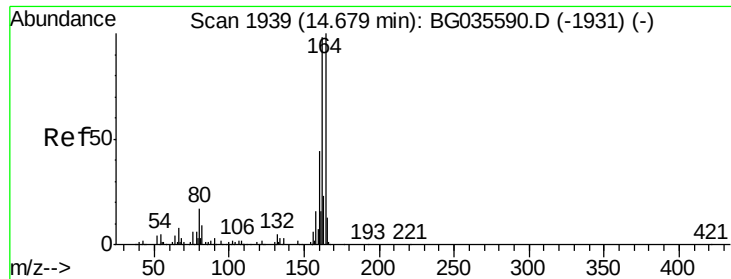
#23
Nitrobenzene-d5
Concen: 91.764 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036058.D
Acq: 2 Aug 2018 13:26

Tgt Ion:	82	Resp:	330073
Ion	Ratio	Lower	Upper
82	100		
128	33.6	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): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Instrument :

BNA_G

ClientSampleId :

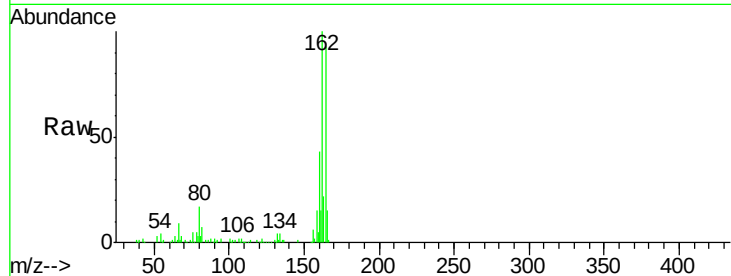
Tgt Ion:164 Resp: 106511

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

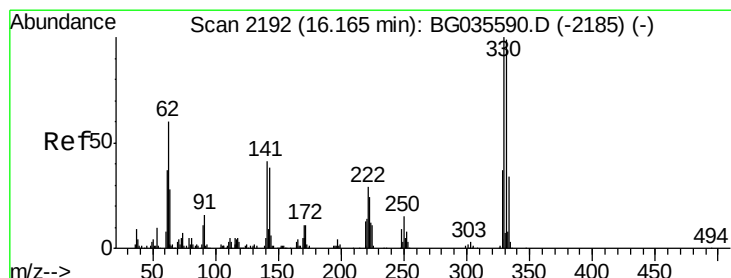
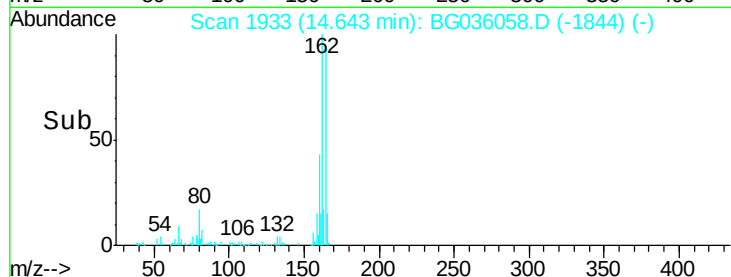
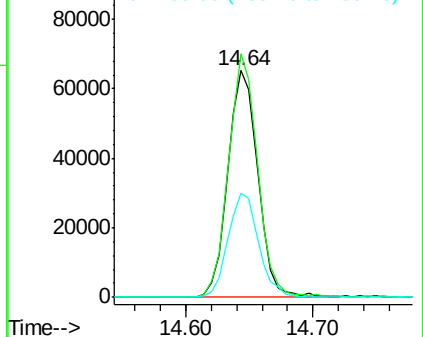
160 45.8 35.4 53.0



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: 105.891 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

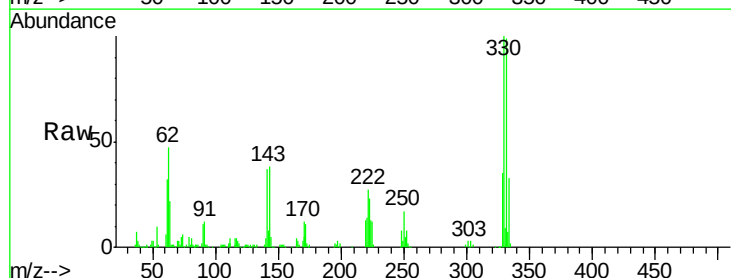
Tgt Ion:330 Resp: 148658

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

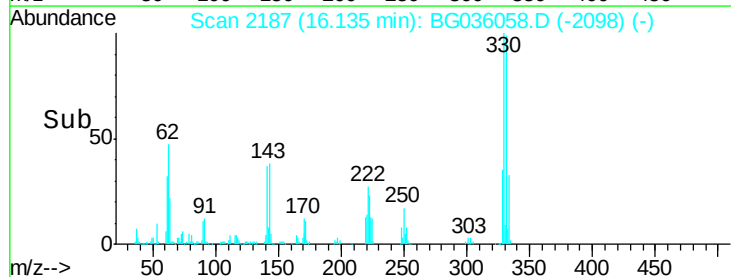
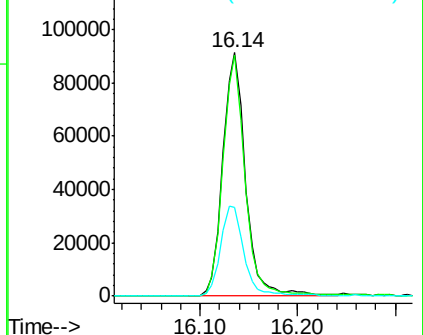
141 37.6 25.2 37.8

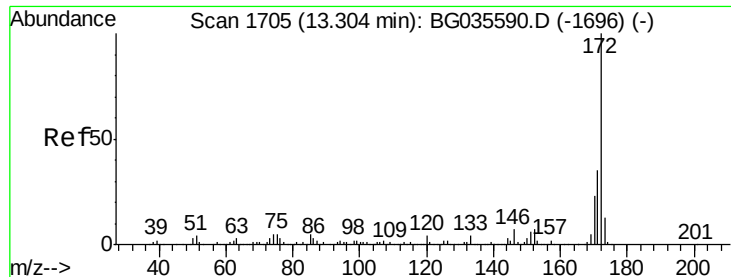


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

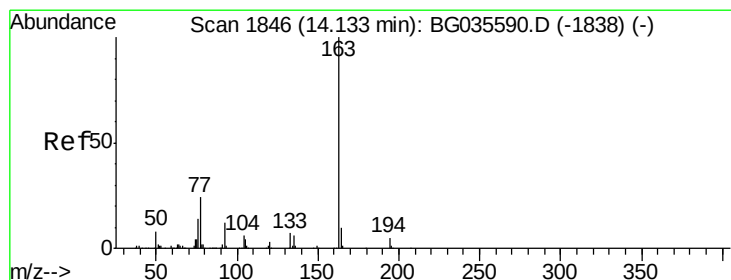
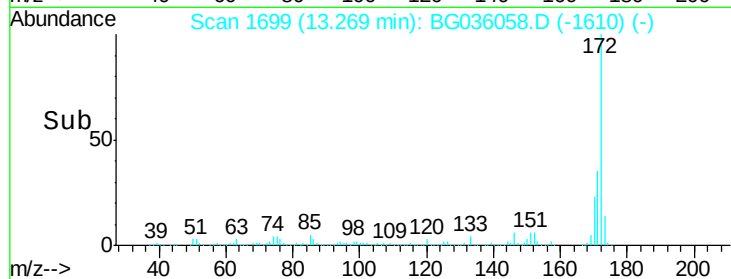
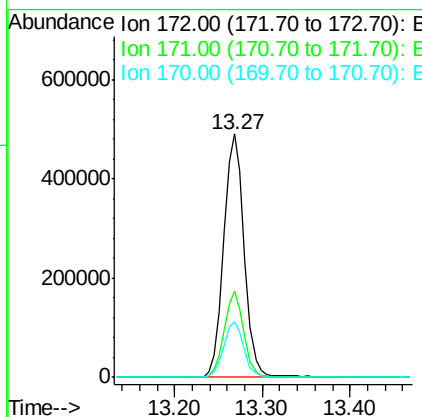
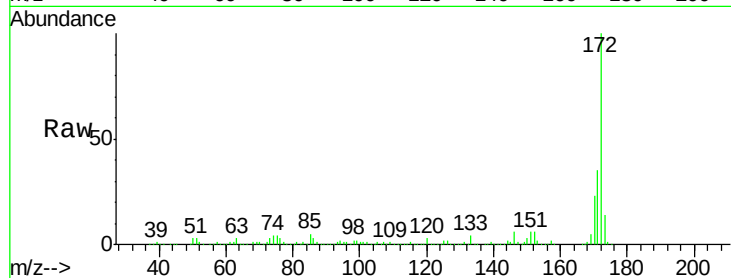




#44
 2-Fluorobiphenyl
 Concen: 99.906 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036058.D
 Acq: 2 Aug 2018 13:26

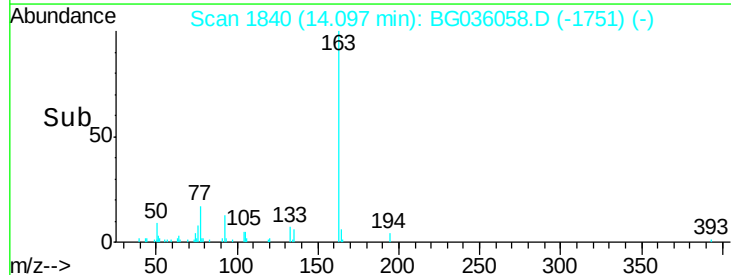
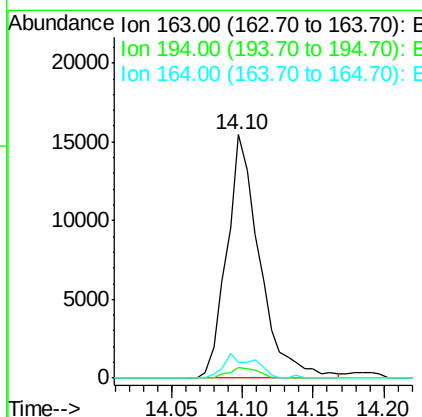
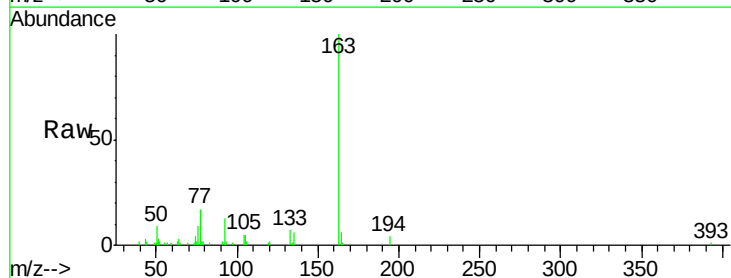
Instrument :
 BNA_G
 ClientSampleId :

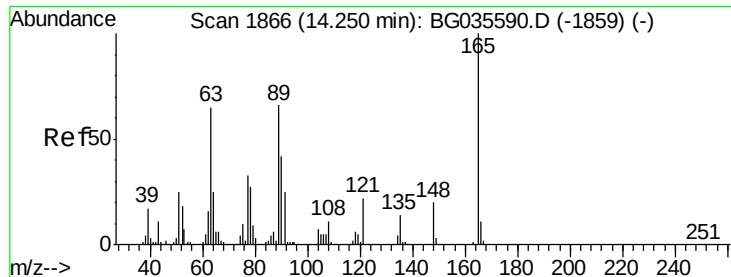
Tgt Ion:	172	Resp:	794261
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	22.8	19.5	29.3



#49
 Dimethylphthalate
 Concen: 2.683 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG036058.D
 Acq: 2 Aug 2018 13:26

Tgt Ion:	163	Resp:	25037
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	6.4	8.2	12.4#

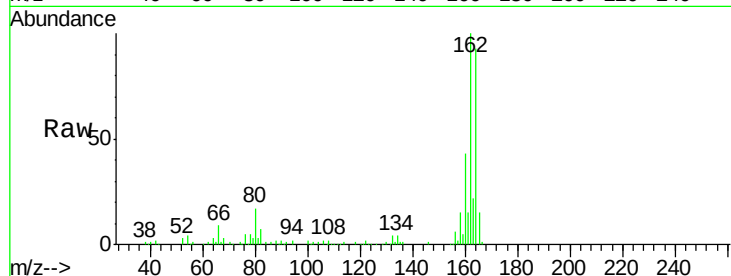




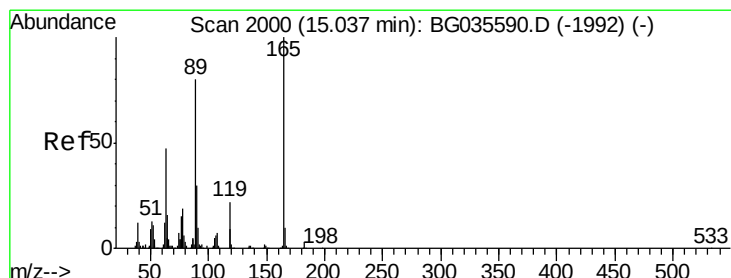
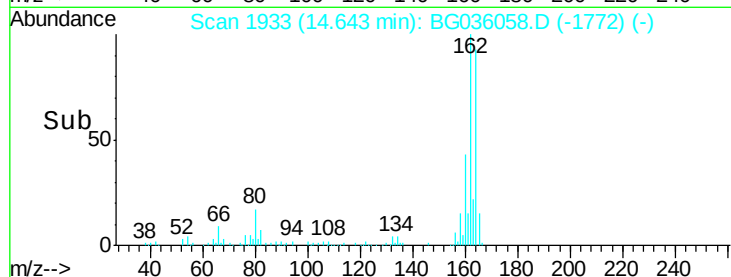
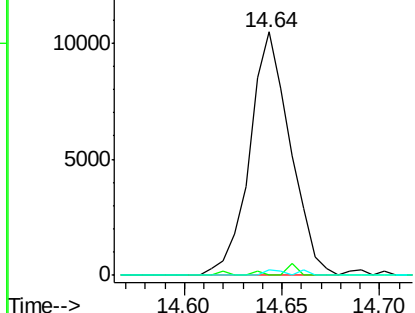
#50
 2,6-Dinitrotoluene
 Concen: 7.930 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036058.D
 Acq: 2 Aug 2018 13:26

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:165 Resp: 15069
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.5 49.2 73.8#

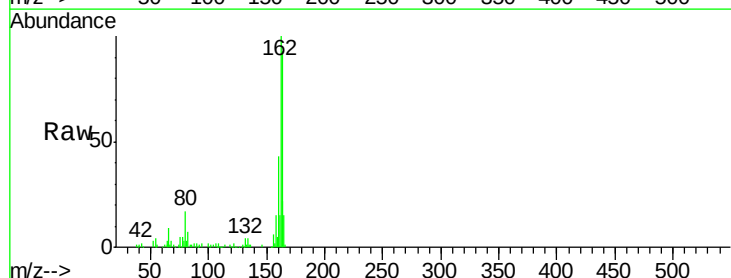


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

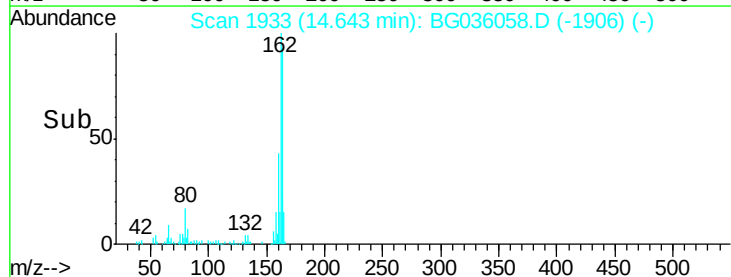
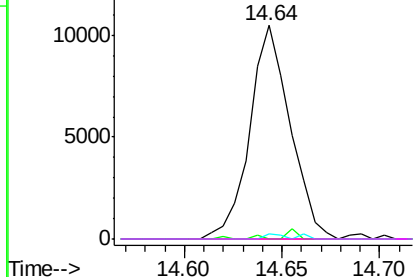


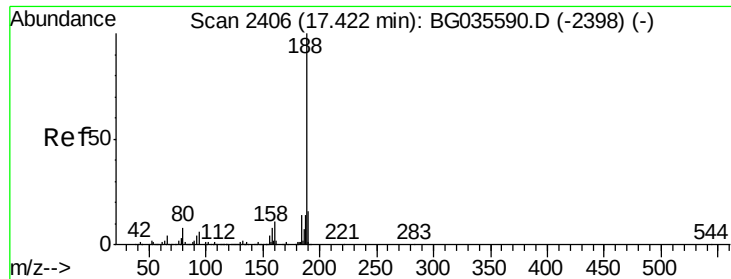
#56
 2,4-Dinitrotoluene
 Concen: 5.527 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036058.D
 Acq: 2 Aug 2018 13:26

Tgt Ion:165 Resp: 15069
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.5 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: 17.39 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Instrument :

BNA_G

ClientSampleId :

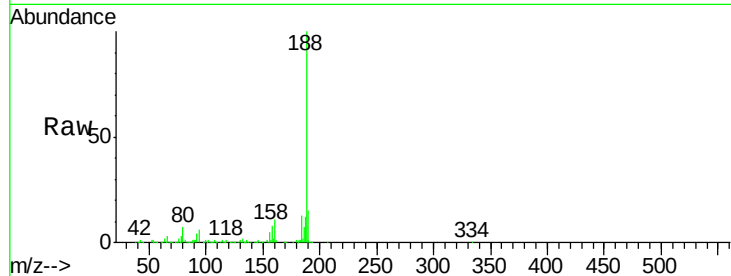
Tgt Ion:188 Resp: 287108

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

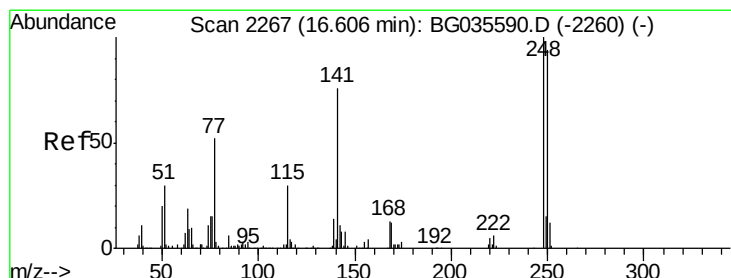
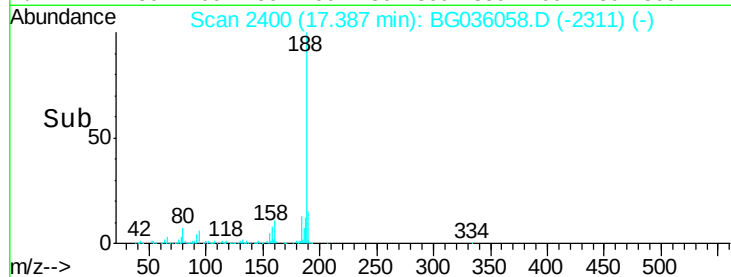
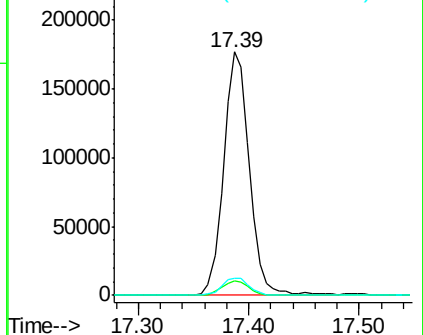
80 7.0 7.7 11.5#



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: 3.708 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.45 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

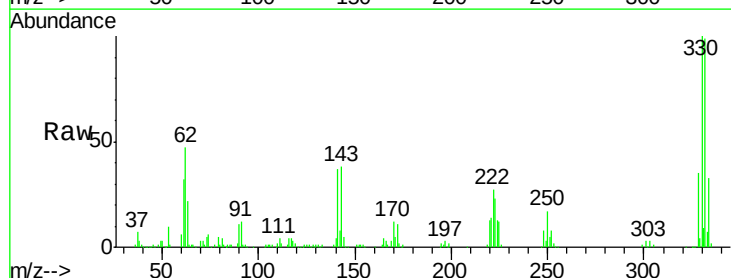
Tgt Ion:248 Resp: 12350

Ion Ratio Lower Upper

248 100

250 219.0 77.1 115.7#

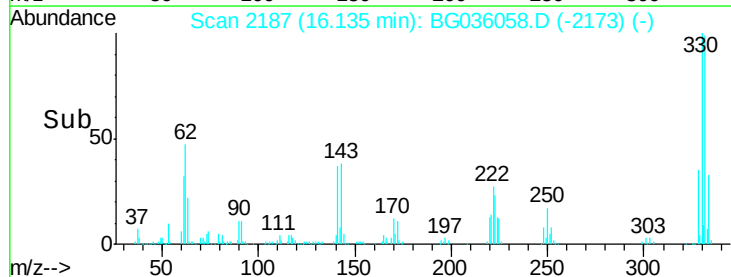
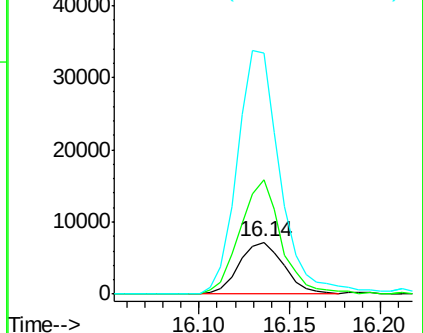
141 463.0 50.8 76.2#

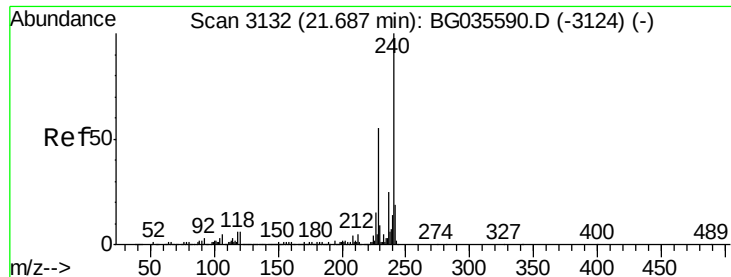


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036058.D

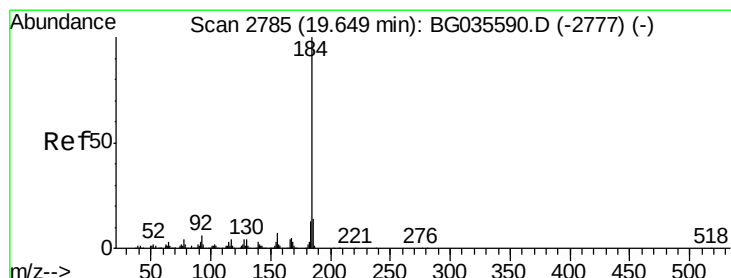
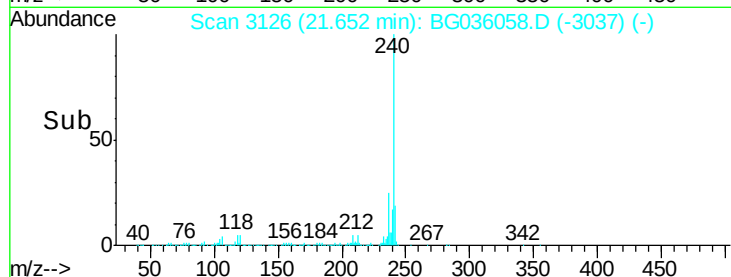
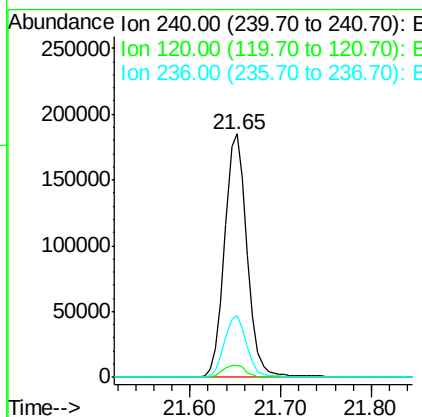
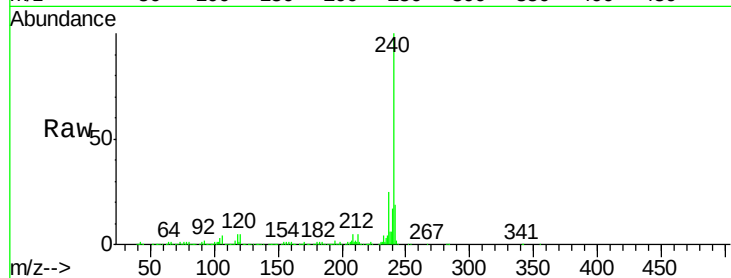
Acq: 2 Aug 2018 13:26

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	240	Resp:	319085
Ion Ratio	Lower	Upper	
240	100		
120	4.9	6.8	10.2#
236	25.3	20.9	31.3



#76

Benzidine

Concen: 2.573 ng

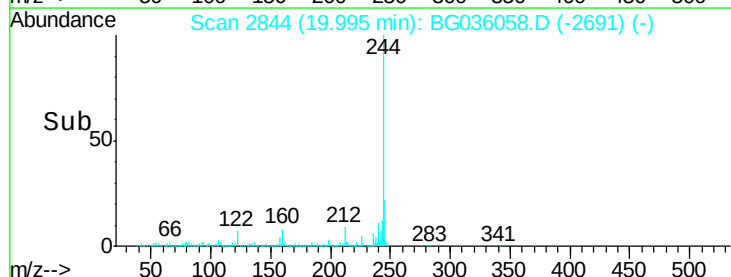
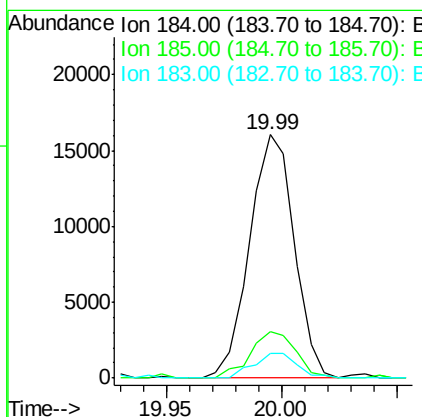
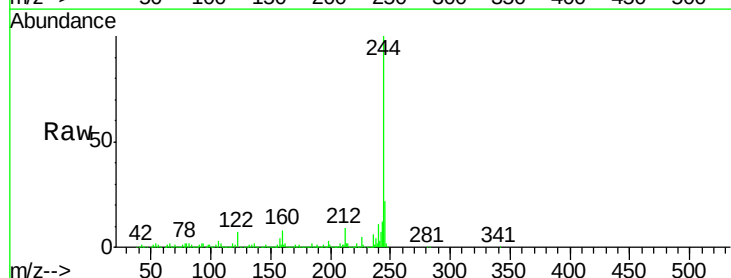
RT: 19.99 min Scan# 2844

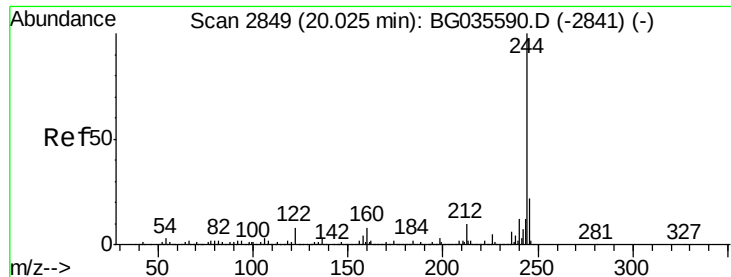
Delta R.T. 0.37 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Tgt Ion:	184	Resp:	21587
Ion Ratio	Lower	Upper	
184	100		
185	19.2	11.1	16.7#
183	10.1	10.6	16.0#





#78

Terphenyl-d14

Concen: 88.456 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

Instrument :

BNA_G

ClientSampleId :

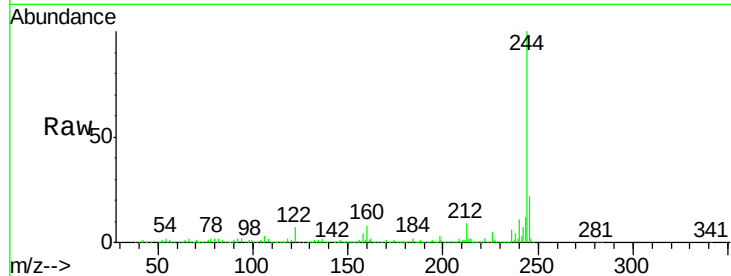
Tgt Ion:244 Resp: 1280453

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

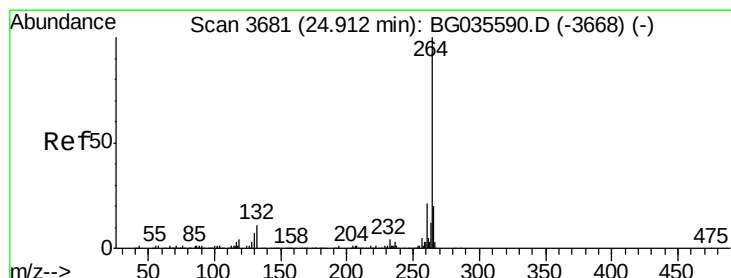
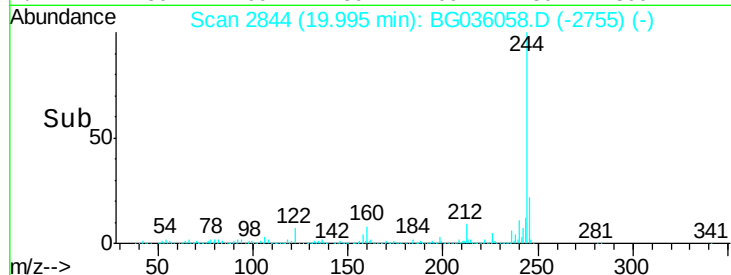
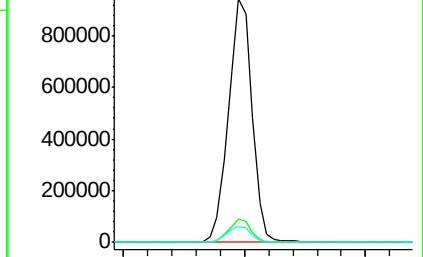
122 6.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036058.D

Acq: 2 Aug 2018 13:26

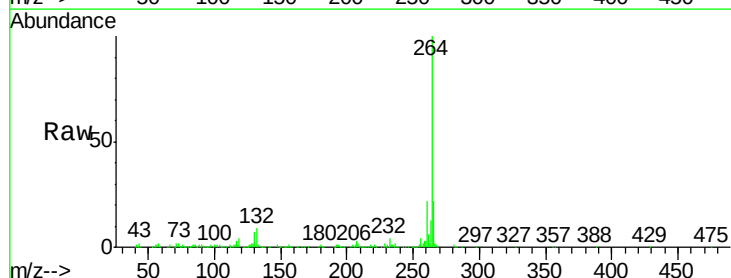
Tgt Ion:264 Resp: 301019

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.1 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

