

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036060.D
 Acq On : 2 Aug 2018 14:44
 Operator : JU/SJ
 Sample : J4233-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAP-3

Quant Time: Aug 02 16:33:51 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

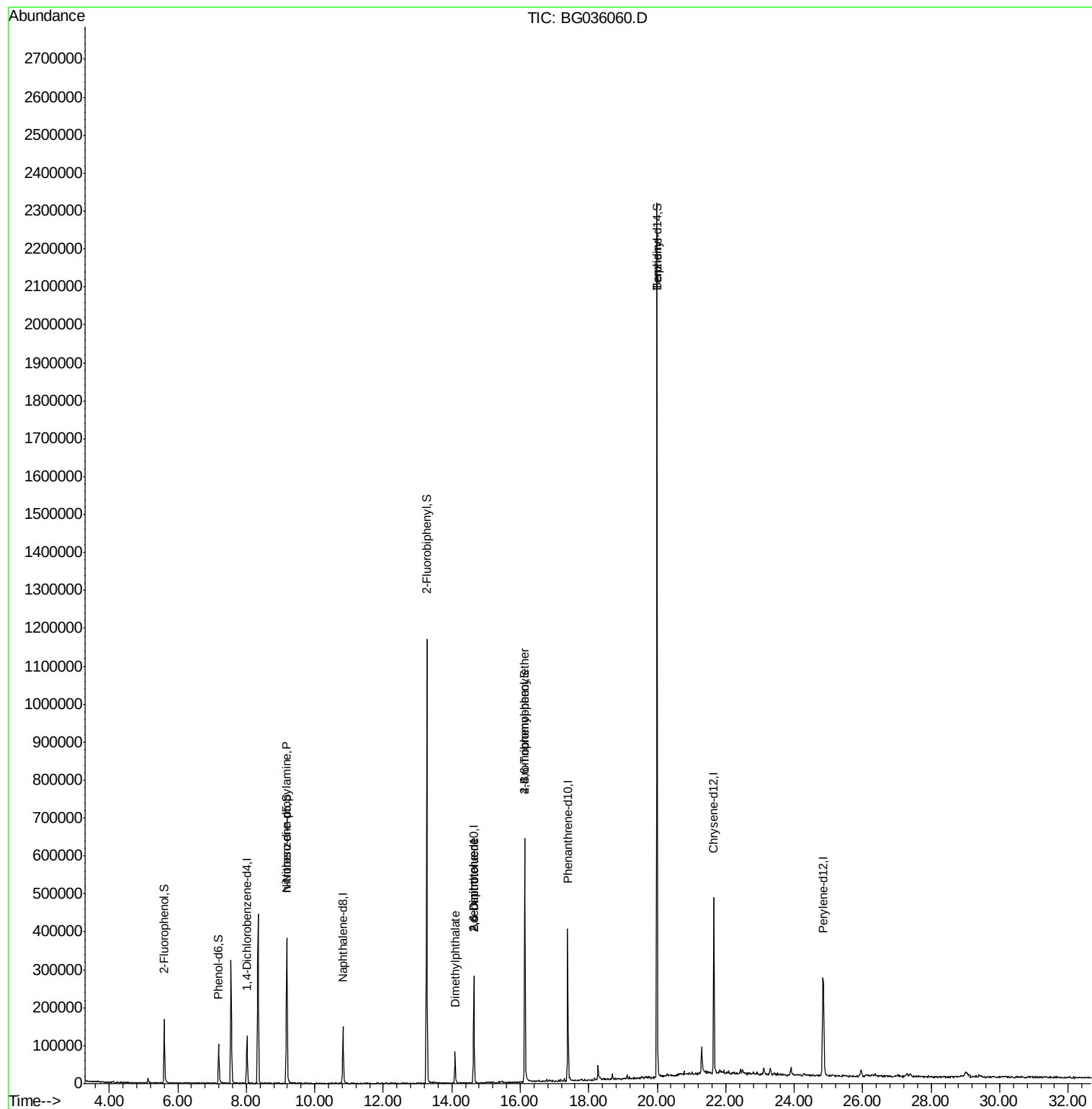
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35585	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	134465	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	99218	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	263718	20.00	ng	0.00
75) Chrysene-d12	21.65	240	291196	20.00	ng	0.00
86) Perylene-d12	24.84	264	290025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80333	37.48	ng	0.00
7) Phenol-d6	7.19	99	72484	22.67	ng	0.00
23) Nitrobenzene-d5	9.18	82	275627	85.63	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	124224	94.99	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	641169	86.58	ng	0.00
78) Terphenyl-d14	19.99	244	1101805	83.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	38188	14.181	ng	Qvalue 65
49) Dimethylphthalate	14.10	163	60932	7.009	ng	97
50) 2,6-Dinitrotoluene	14.64	165	14520	8.202	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	14520	5.717	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	10452	3.416	ng	# 1
76) Benzidine	19.99	184	19736	2.578	ng	# 90

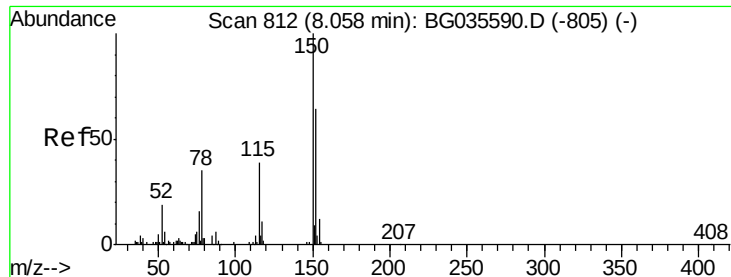
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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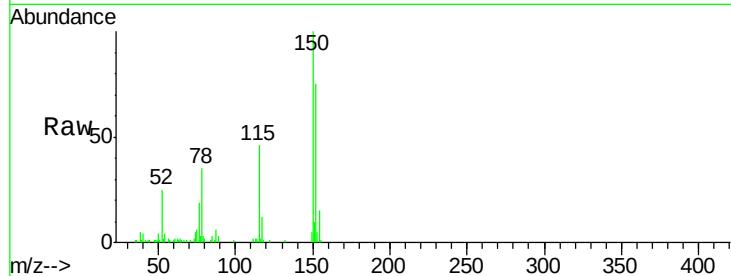


#1

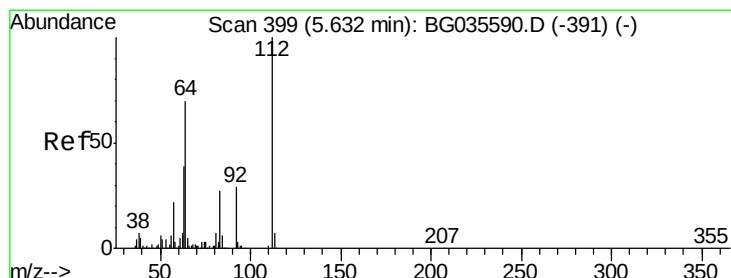
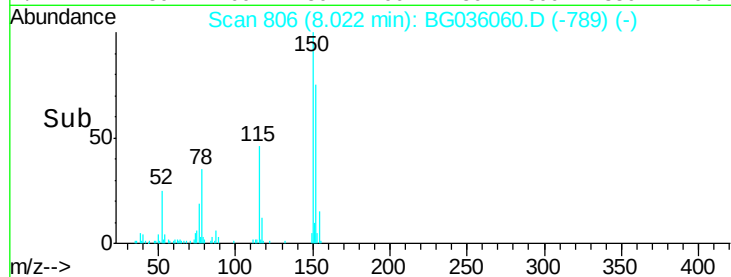
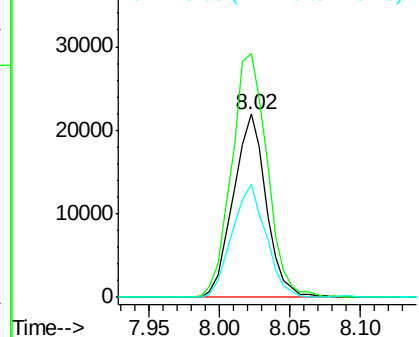
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036060.D
Acq: 2 Aug 2018 14:44

Instrument :
BNA_G
ClientSampleId :
CAP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	132.9	126.6	189.8
115	61.5	53.0	79.4



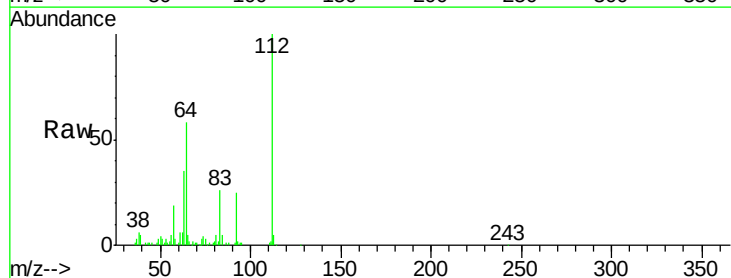
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



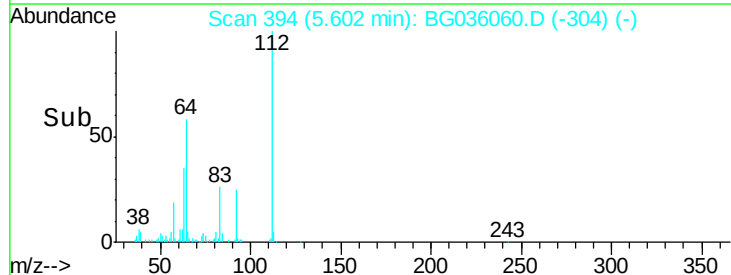
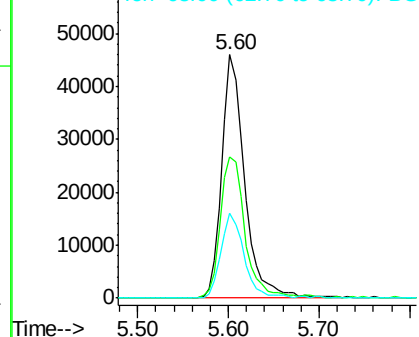
#5

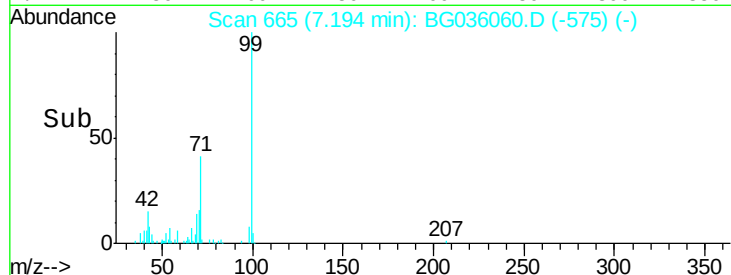
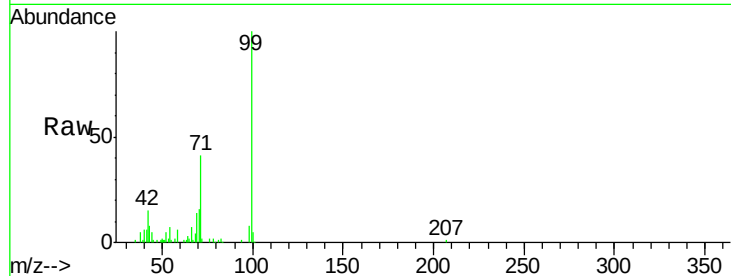
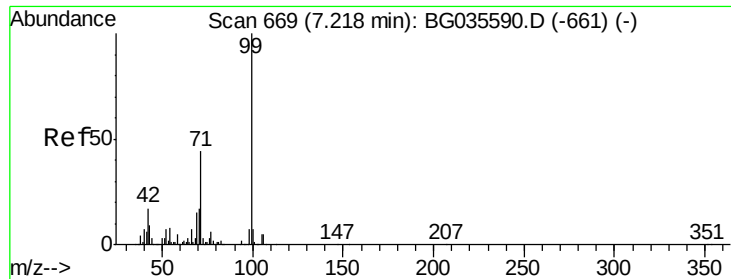
2-Fluorophenol
Concen: 37.480 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036060.D
Acq: 2 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	56.3	84.5
63	34.7	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: 22.666 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

Instrument :

BNA_G

ClientSampleId :

CAP-3

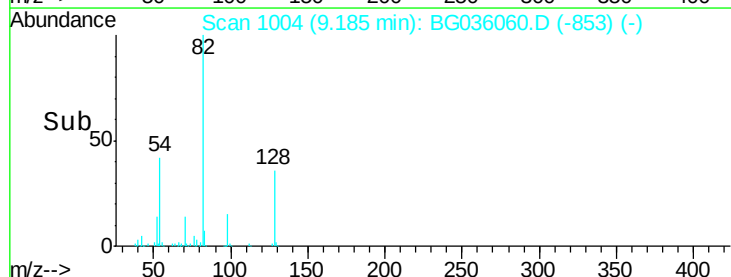
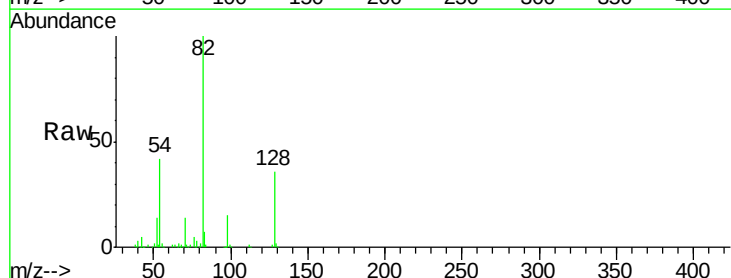
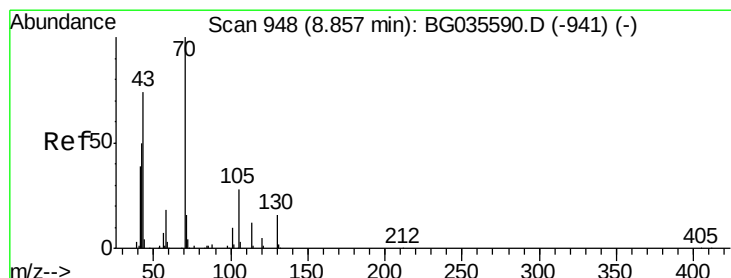
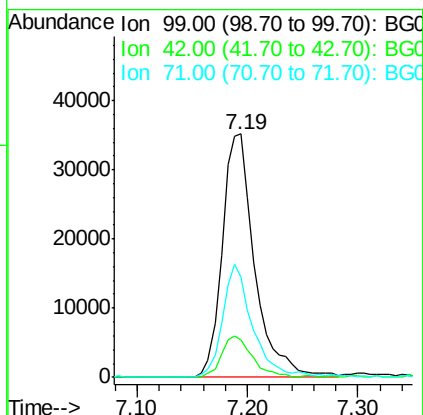
Tgt Ion: 99 Resp: 72484

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 41.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.181 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

Tgt Ion: 70 Resp: 38188

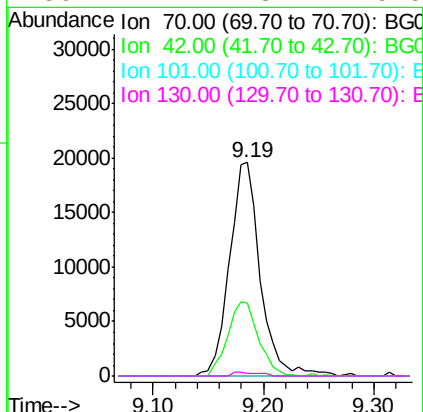
Ion Ratio Lower Upper

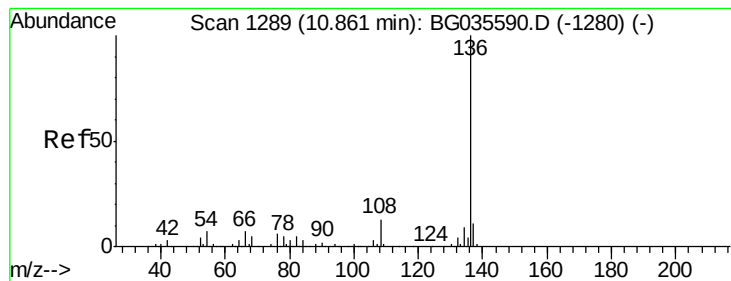
70 100

42 34.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 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: BG036060.D

Acq: 2 Aug 2018 14:44

Instrument :

BNA_G

ClientSampleId :

CAP-3

Tgt Ion: 136 Resp: 134465

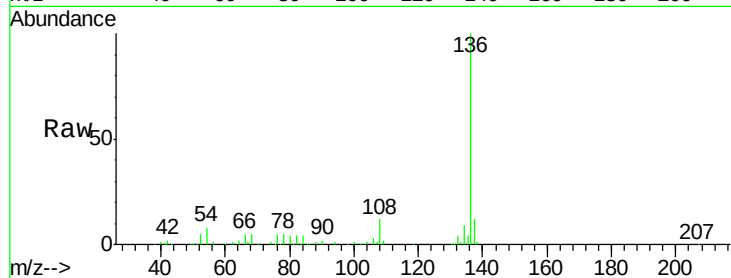
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.2 10.3 15.5#

68 5.4 4.5 6.7

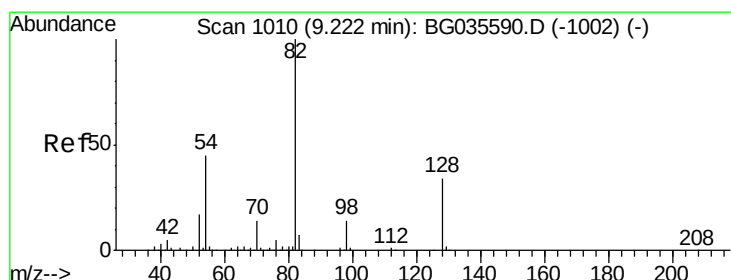
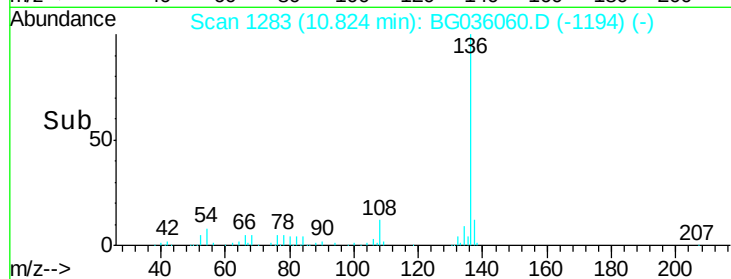
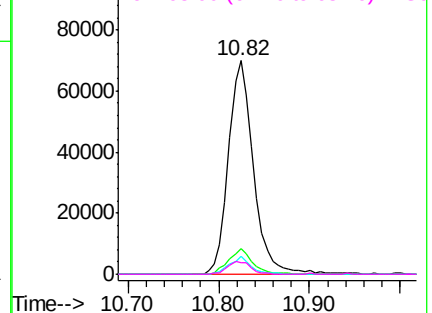


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.630 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

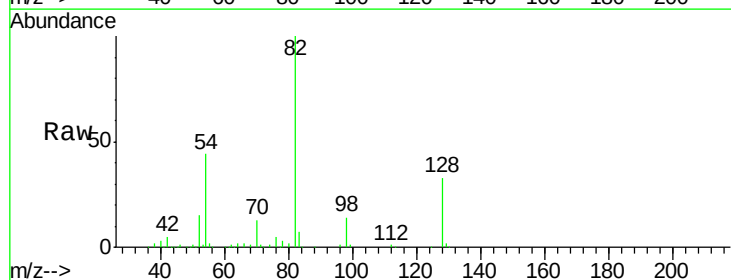
Tgt Ion: 82 Resp: 275627

Ion Ratio Lower Upper

82 100

128 32.8 29.7 44.5

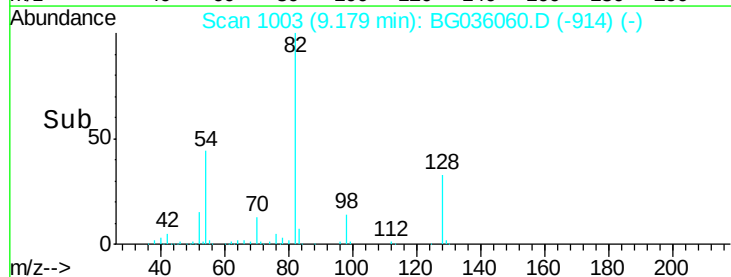
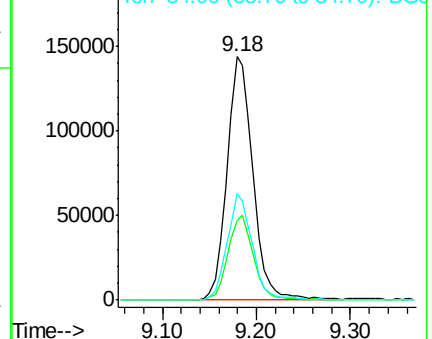
54 44.0 43.1 64.7

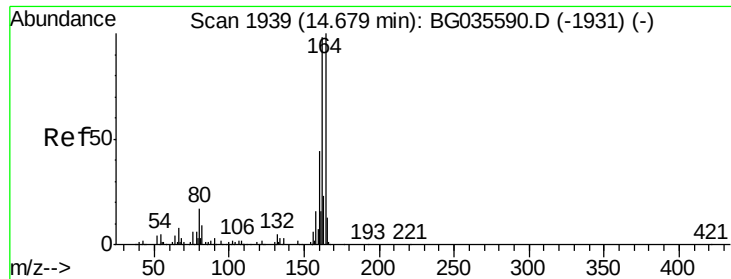


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG036060.D

Acq: 2 Aug 2018 14:44

Instrument :

BNA_G

ClientSampleId :

CAP-3

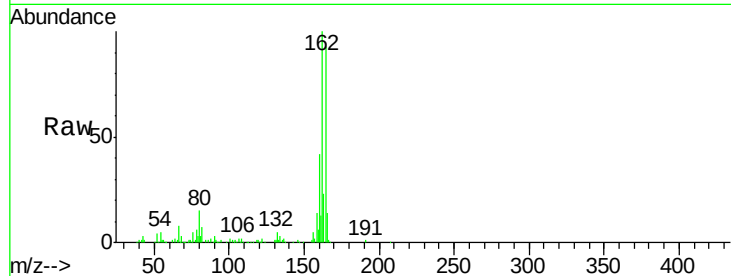
Tgt Ion:164 Resp: 99218

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

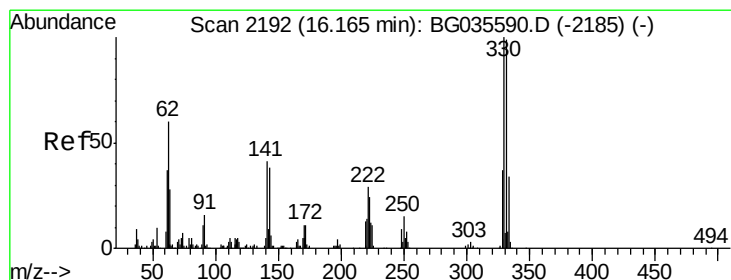
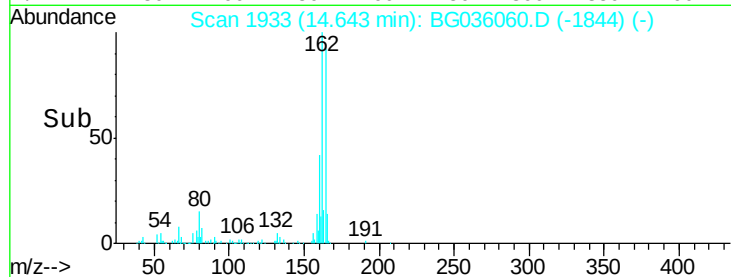
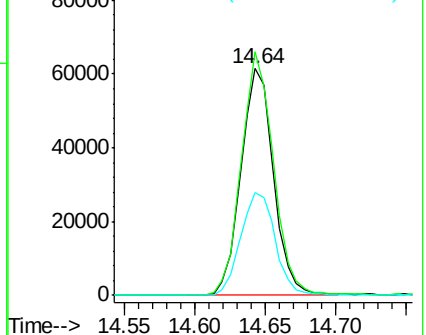
160 45.6 35.4 53.0



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: 94.990 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

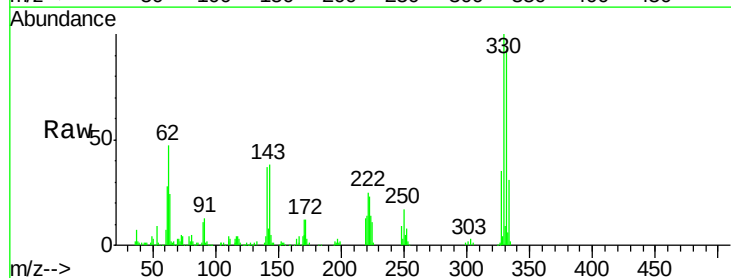
Tgt Ion:330 Resp: 124224

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

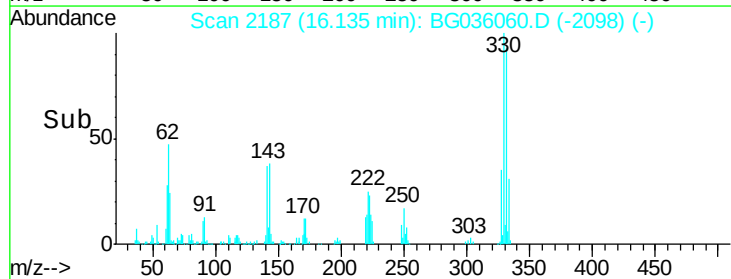
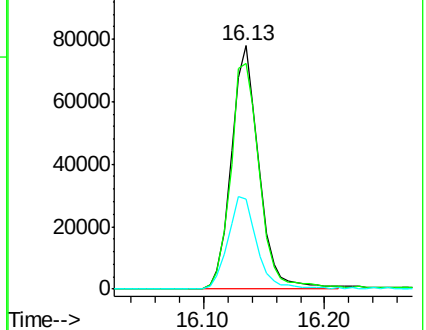
141 39.7 25.2 37.8#

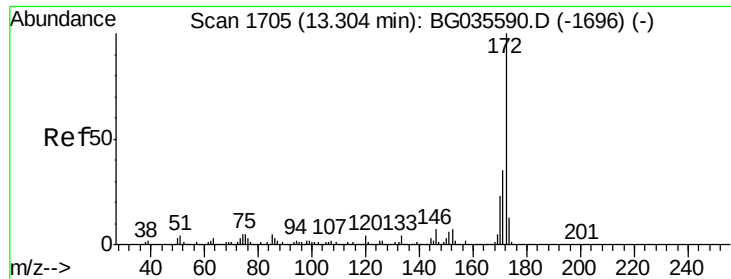


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

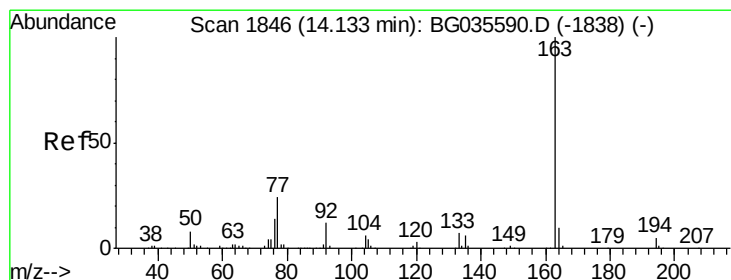
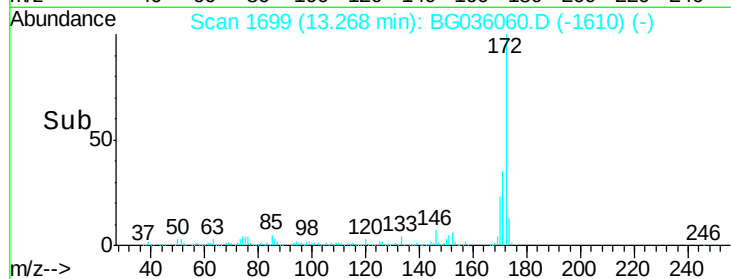
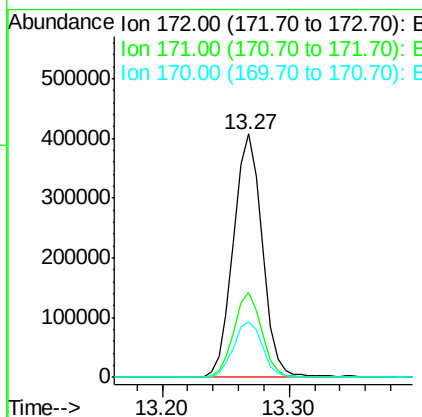
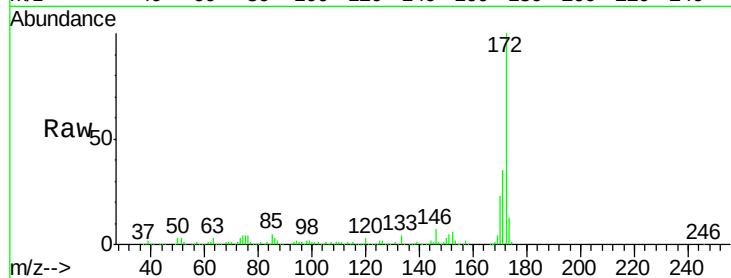




#44
 2-Fluorobiphenyl
 Concen: 86.577 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036060.D
 Acq: 2 Aug 2018 14:44

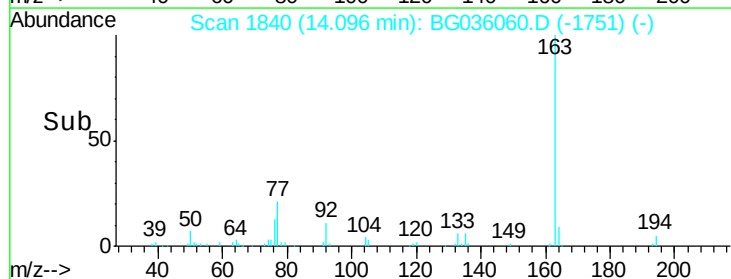
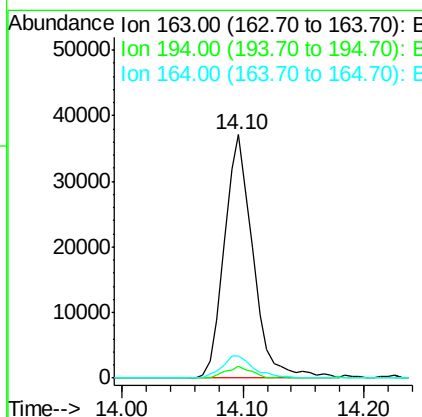
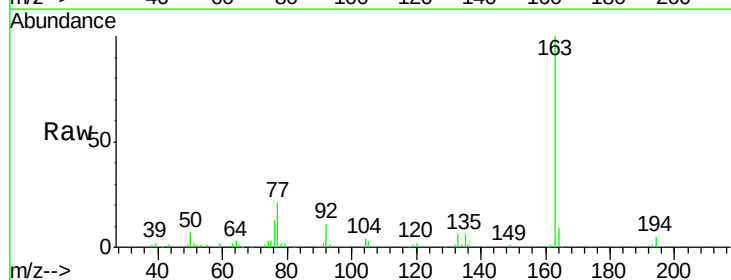
Instrument :
 BNA_G
 ClientSampleId :
 CAP-3

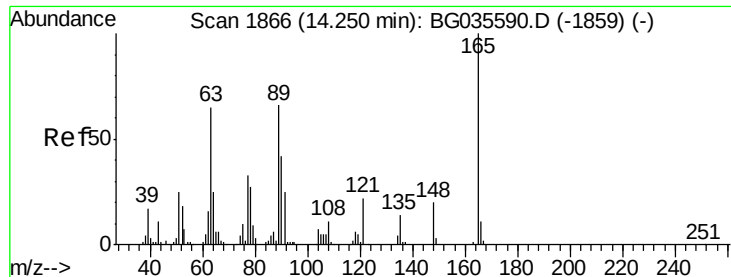
Tgt Ion:172 Resp: 641169
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 22.6 19.5 29.3



#49
 Dimethylphthalate
 Concen: 7.009 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG036060.D
 Acq: 2 Aug 2018 14:44

Tgt Ion:163 Resp: 60932
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.4 5.2
 164 9.2 8.2 12.4

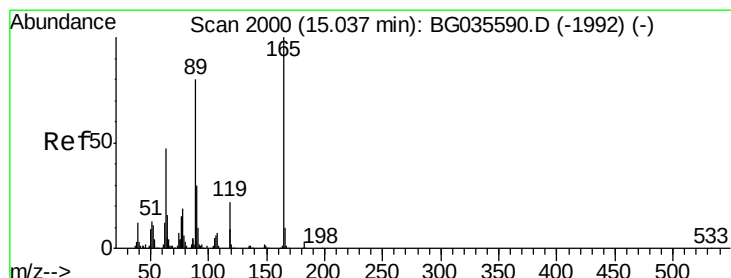
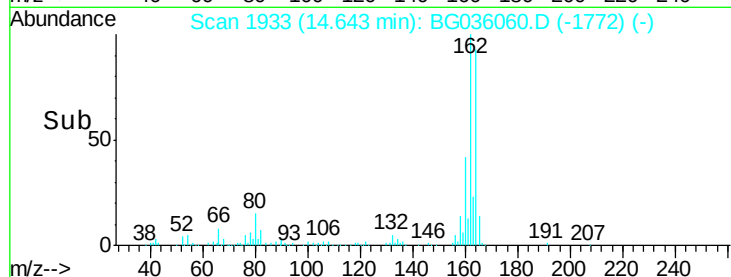
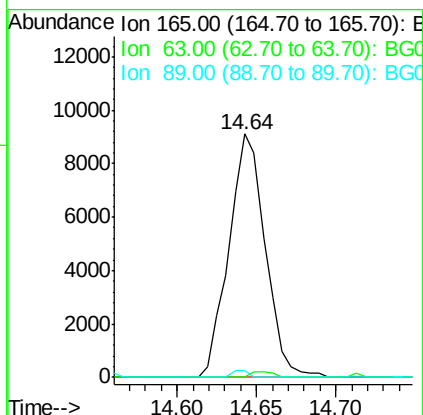
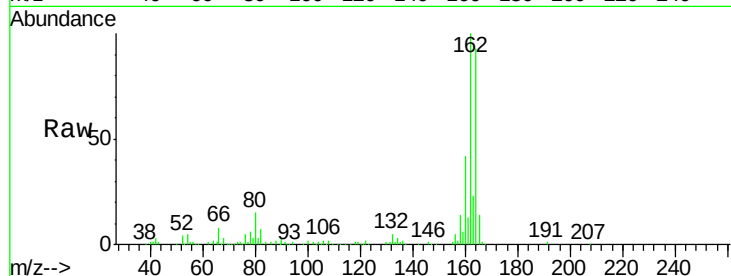




#50
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.41 min
Lab File: BG036060.D
Acq: 2 Aug 2018 14:44

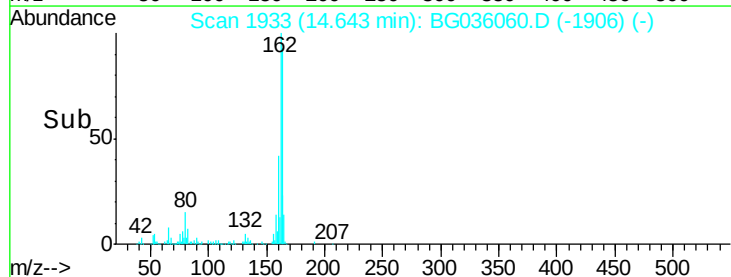
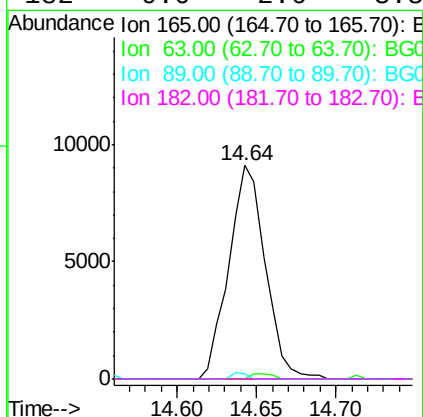
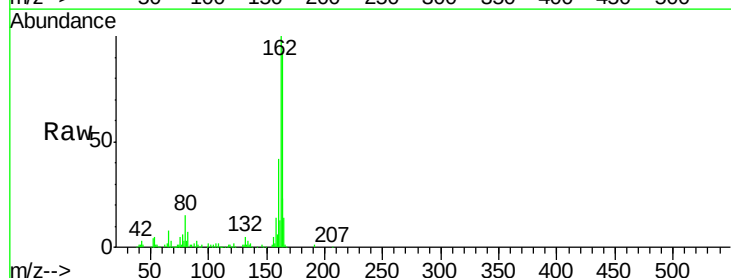
Instrument :
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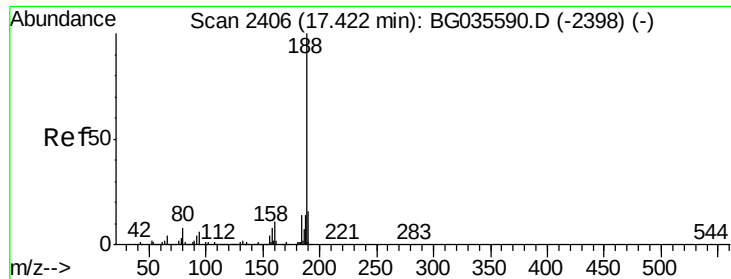
Tgt Ion:165 Resp: 14520
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.6 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.717 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG036060.D
Acq: 2 Aug 2018 14:44

Tgt Ion:165 Resp: 14520
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.6 66.9 100.3#
182 0.0 2.6 3.8#

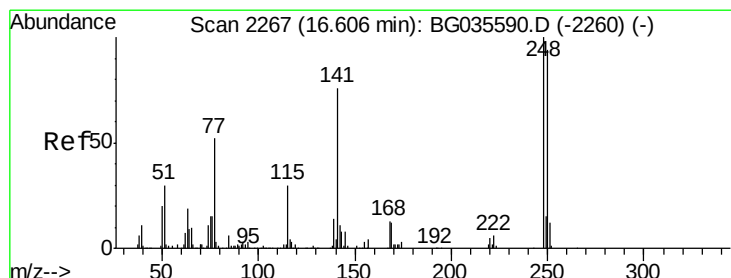
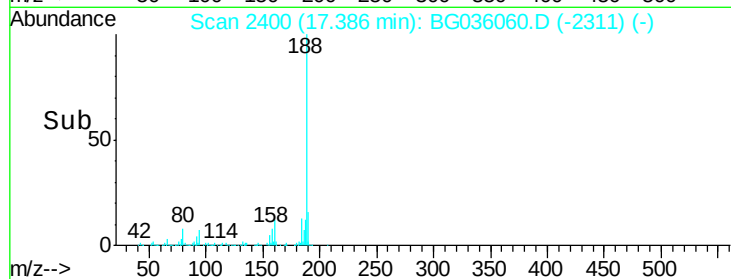
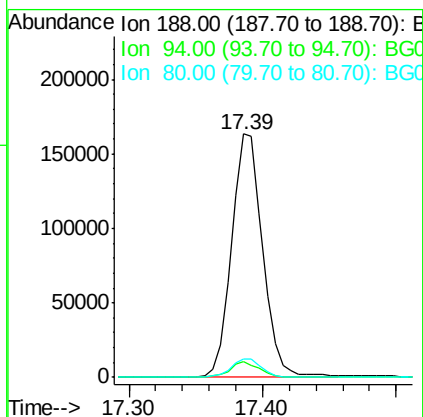
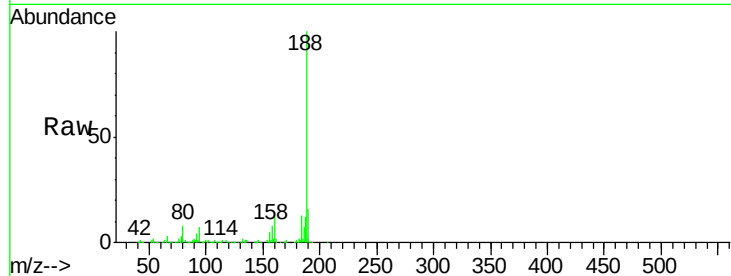




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG036060.D
 Acq: 2 Aug 2018 14:44

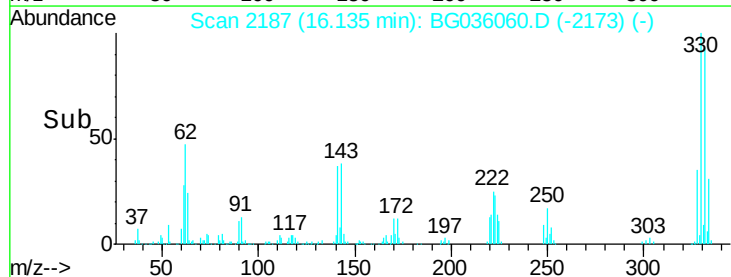
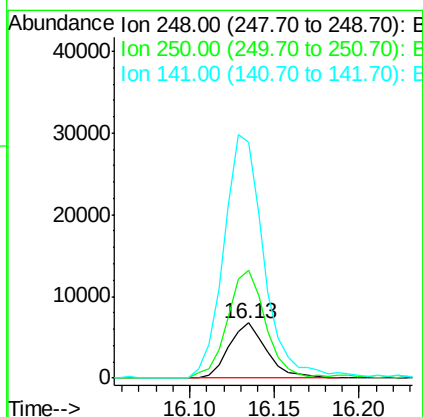
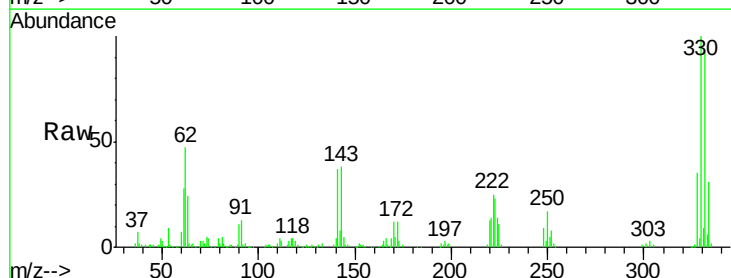
Instrument :
 BNA_G
 ClientSampleId :
 CAP-3

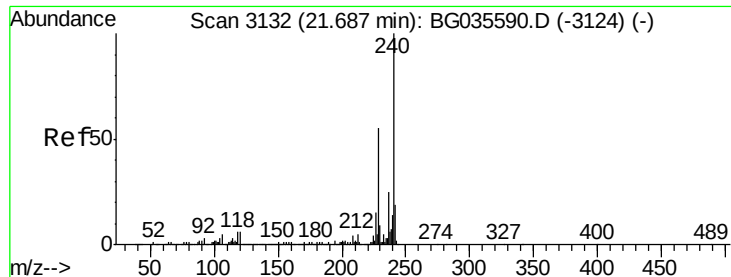
Tgt Ion:188 Resp: 263718
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.7 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.416 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036060.D
 Acq: 2 Aug 2018 14:44

Tgt Ion:248 Resp: 10452
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.1 115.7#
 141 427.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

Instrument :

BNA_G

ClientSampleId :

CAP-3

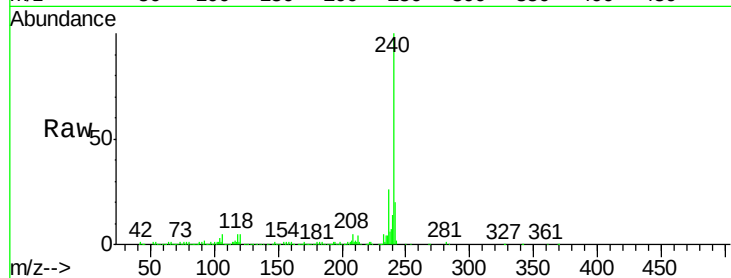
Tgt Ion:240 Resp: 291196

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

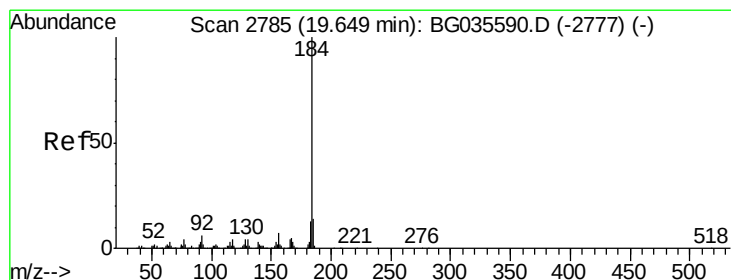
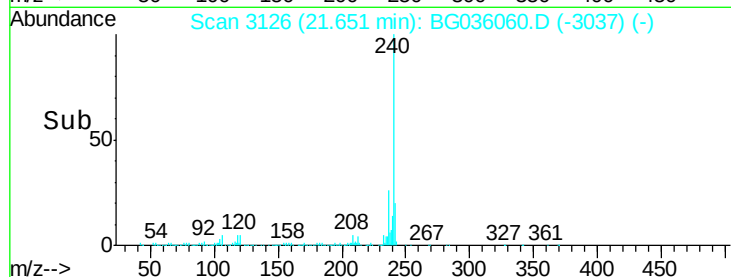
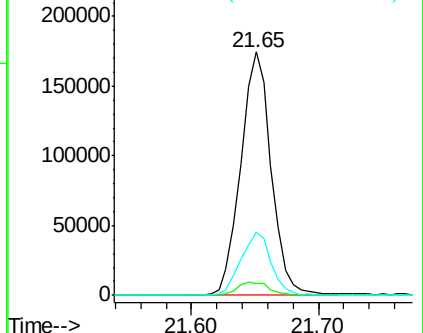
236 25.9 20.9 31.3



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: 2.578 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

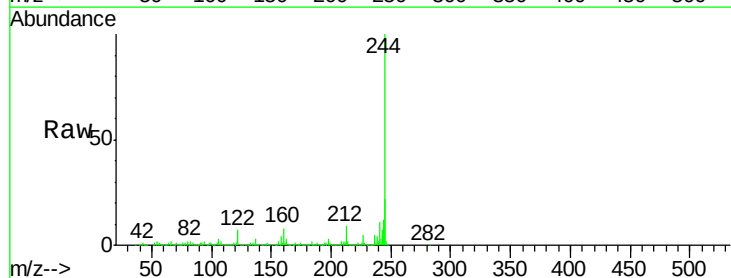
Tgt Ion:184 Resp: 19736

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

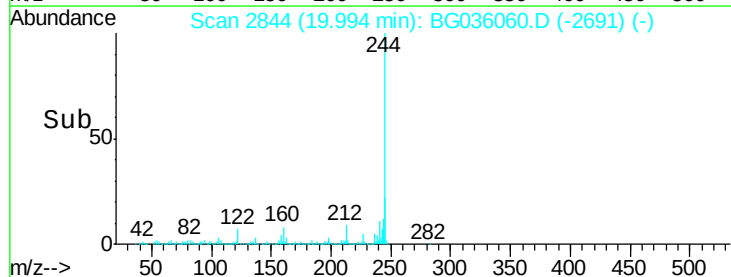
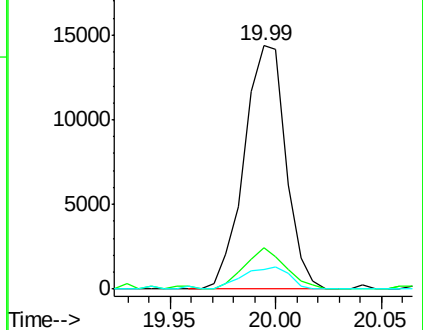
183 8.0 10.6 16.0#

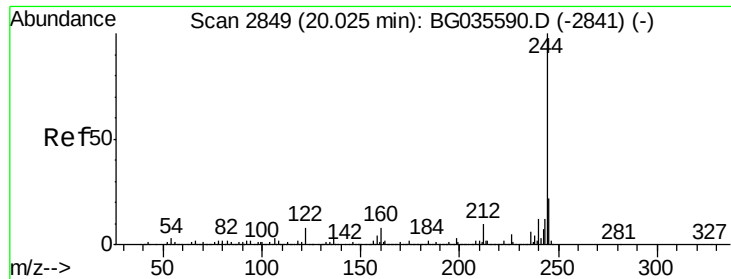


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 83.405 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036060.D

Acq: 2 Aug 2018 14:44

Instrument :

BNA_G

ClientSampleId :

CAP-3

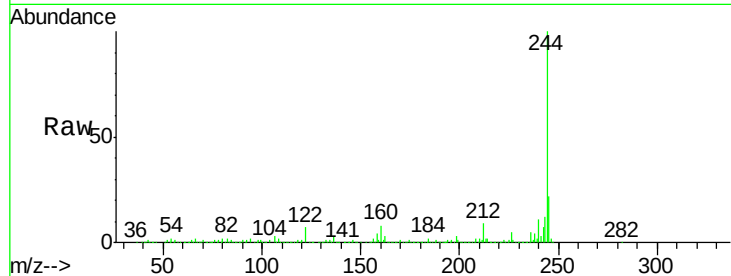
Tgt Ion:244 Resp: 1101805

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

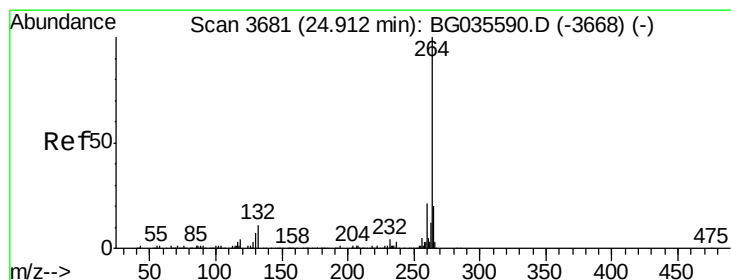
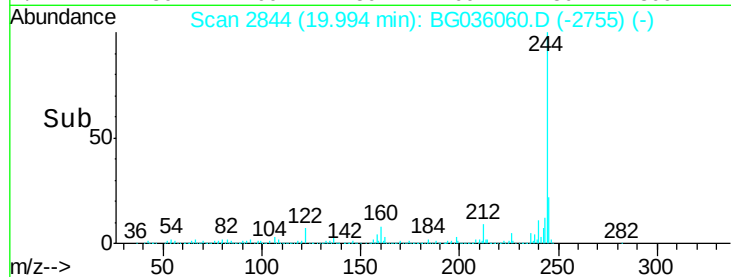
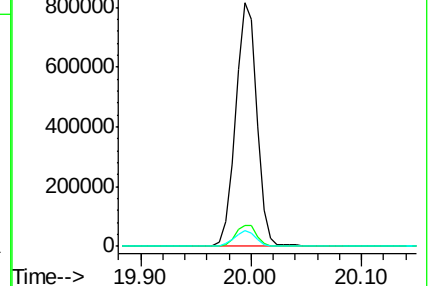
122 6.7 7.0 10.4#



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: BG036060.D

Acq: 2 Aug 2018 14:44

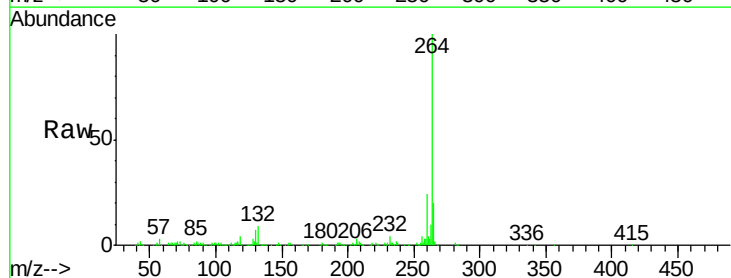
Tgt Ion:264 Resp: 290025

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.2 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

