

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036059.D
 Acq On : 2 Aug 2018 14:05
 Operator : JU/SJ
 Sample : J4233-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAP-2

Quant Time: Aug 02 16:33:41 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

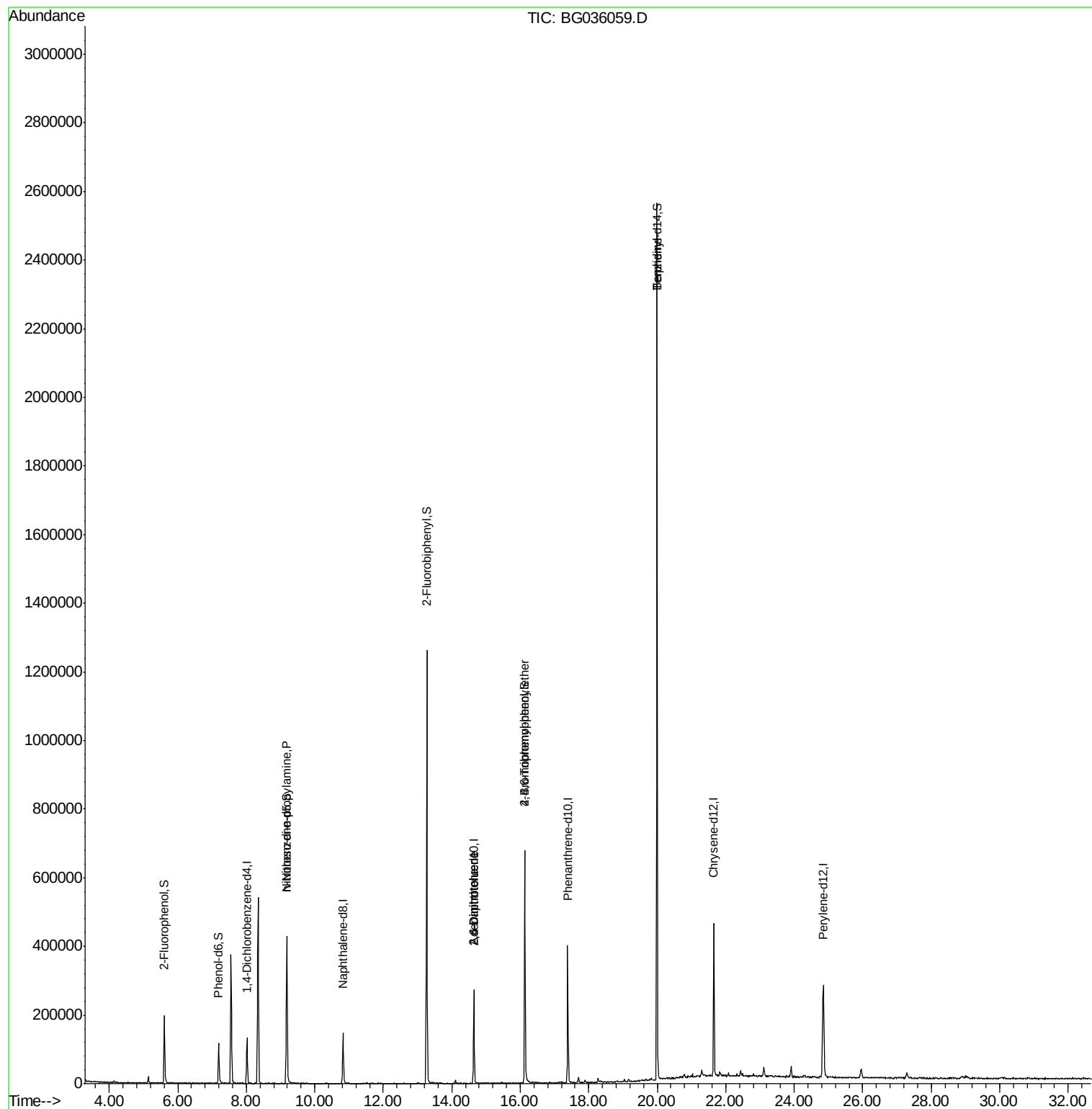
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38233	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137667	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	99076	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267170	20.00	ng	0.00
75) Chrysene-d12	21.65	240	290796	20.00	ng	0.00
86) Perylene-d12	24.85	264	280403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	94375	40.98	ng	0.00
7) Phenol-d6	7.19	99	84060	24.47	ng	0.00
23) Nitrobenzene-d5	9.19	82	306894	93.13	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	134703	103.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	701093	94.80	ng	0.00
78) Terphenyl-d14	19.99	244	1217779	92.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	41266	14.263	ng	# 72
50) 2,6-Dinitrotoluene	14.64	165	12603	7.130	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	12603	4.970	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	11292	3.643	ng	# 1
76) Benzidine	19.99	184	21356	2.793	ng	# 94

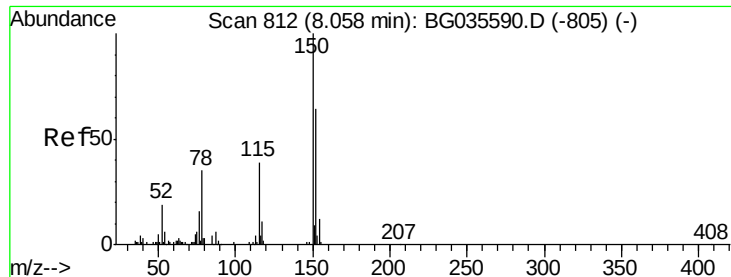
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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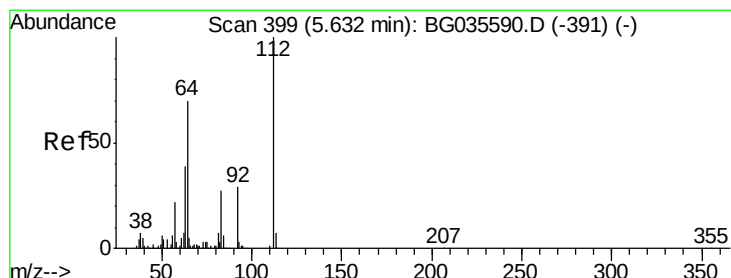
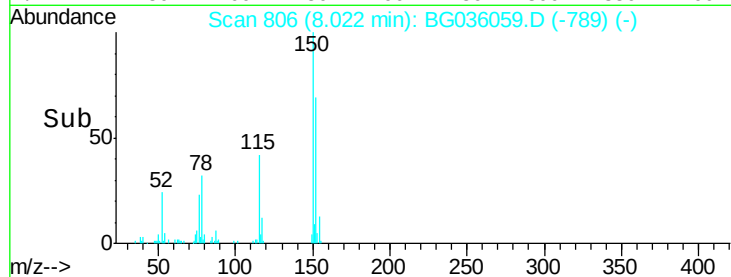
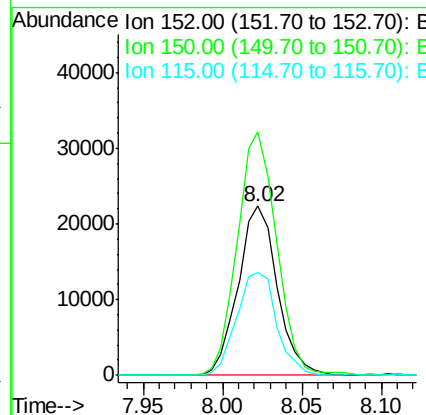
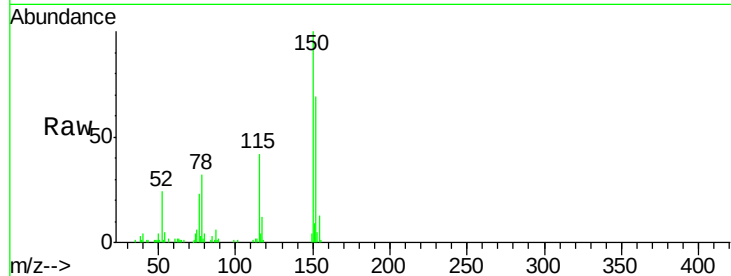


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

Instrument :
BNA_G
ClientSampleId :
CAP-2

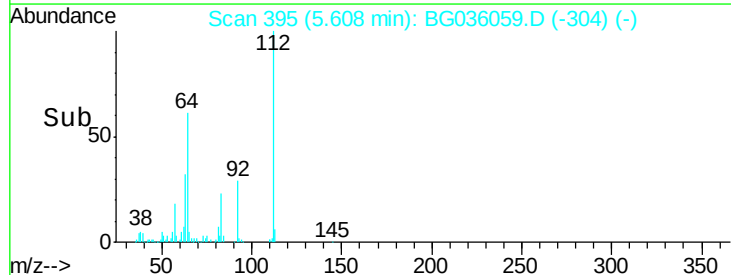
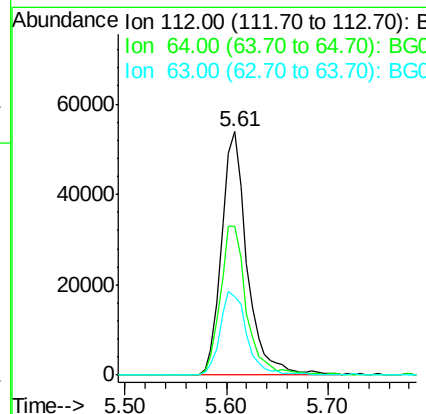
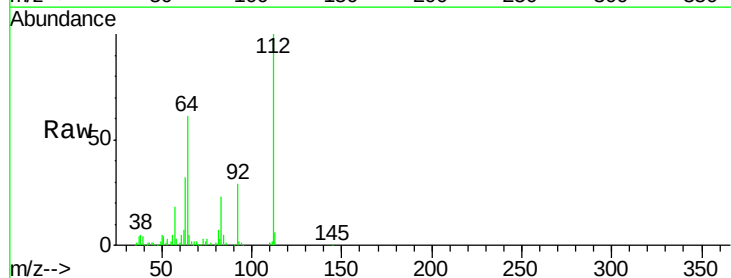
Tgt Ion:152 Resp: 38233
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 60.6 53.0 79.4

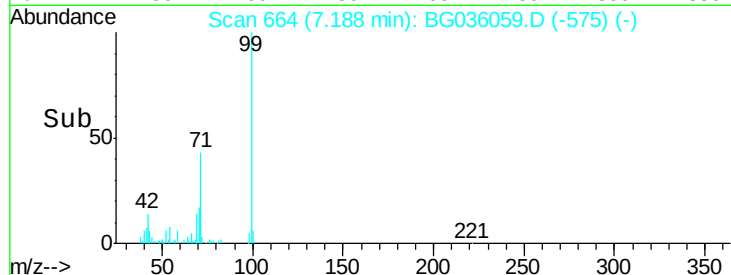
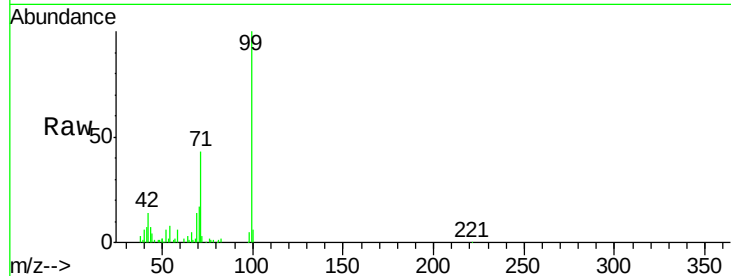
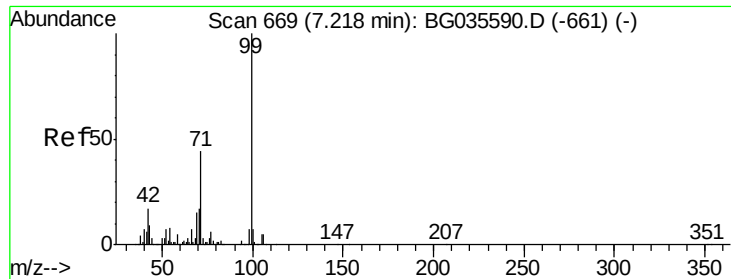


#5

2-Fluorophenol
Concen: 40.982 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

Tgt Ion:112 Resp: 94375
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 32.1 30.1 45.1





#7

Phenol-d6

Concen: 24.466 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

Instrument :

BNA_G

ClientSampleId :

CAP-2

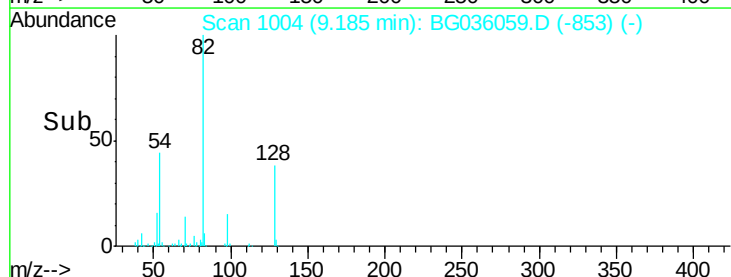
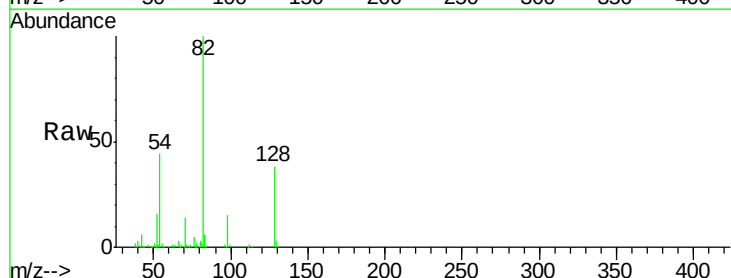
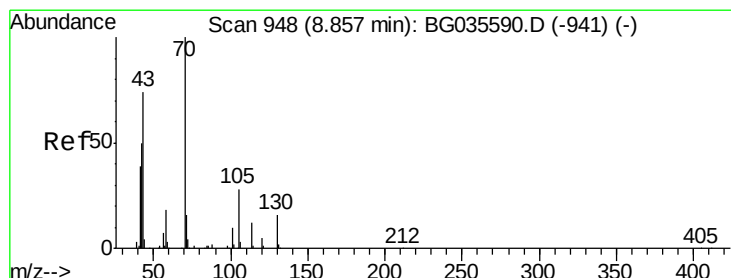
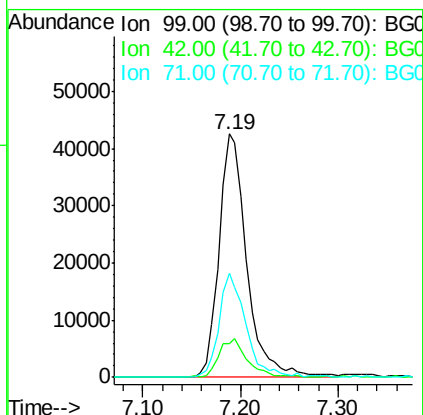
Tgt Ion: 99 Resp: 84060

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 42.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.263 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

Tgt Ion: 70 Resp: 41266

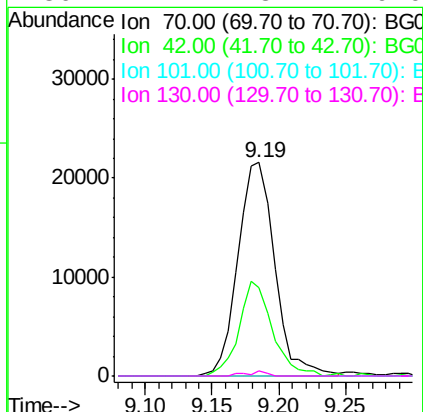
Ion Ratio Lower Upper

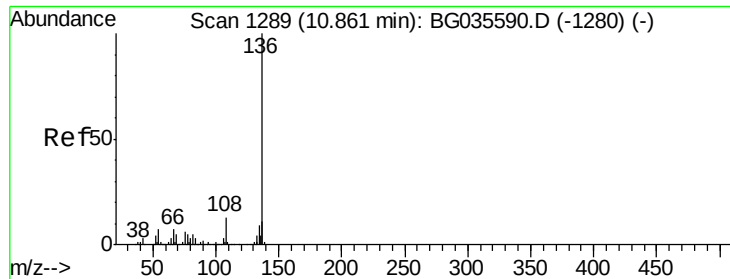
70 100

42 41.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

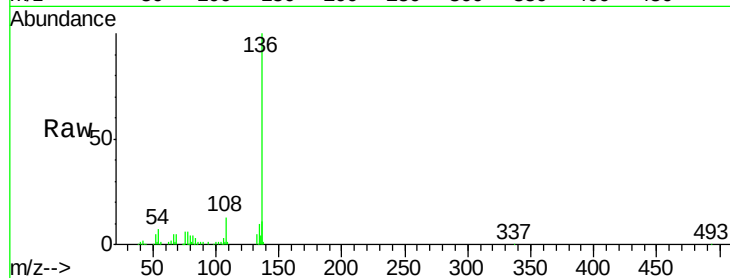




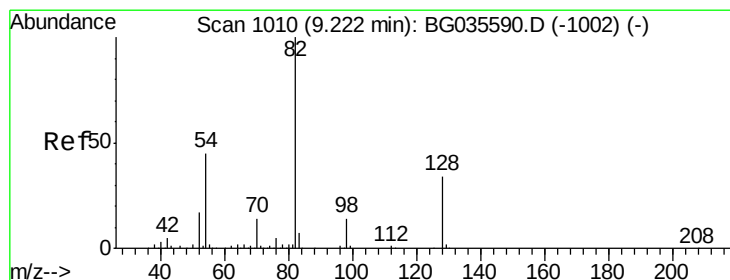
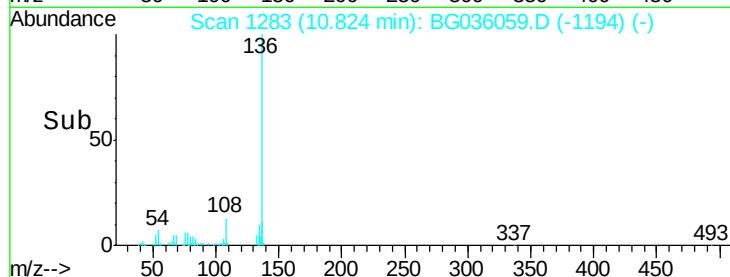
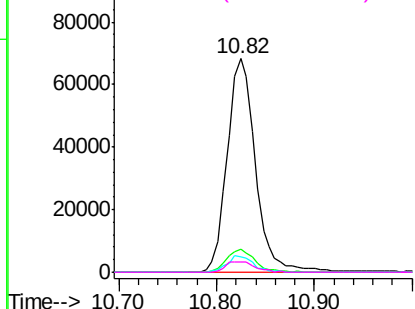
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

Instrument :
BNA_G
ClientSampleId :
CAP-2

Tgt Ion:	136	Resp:	137667
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.2	10.3	15.5#
68	4.5	4.5	6.7

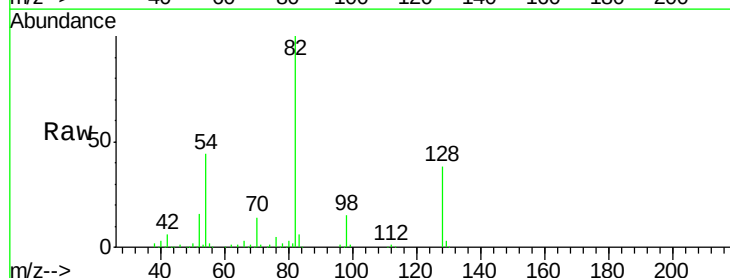


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

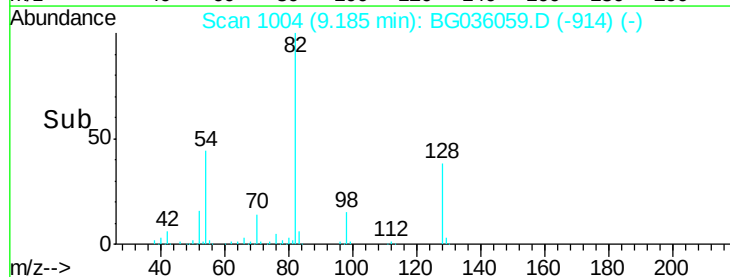
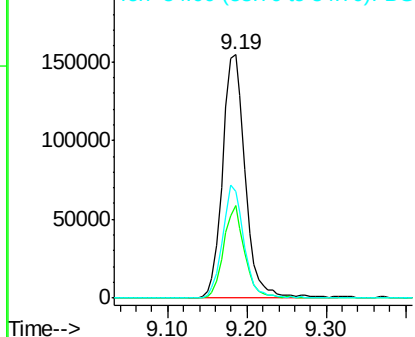


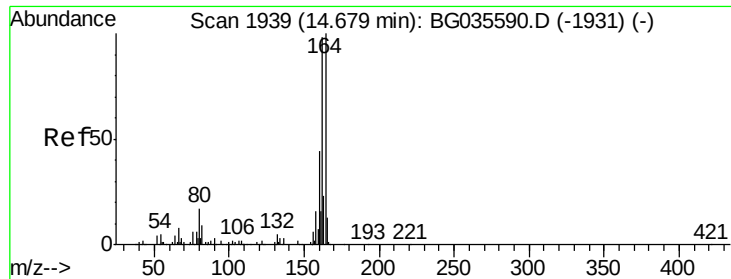
#23
Nitrobenzene-d5
Concen: 93.126 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

Tgt Ion:	82	Resp:	306894
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	43.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

Instrument :

BNA_G

ClientSampleId :

CAP-2

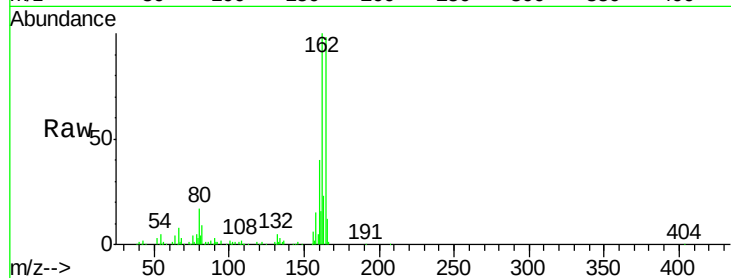
Tgt Ion:164 Resp: 99076

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

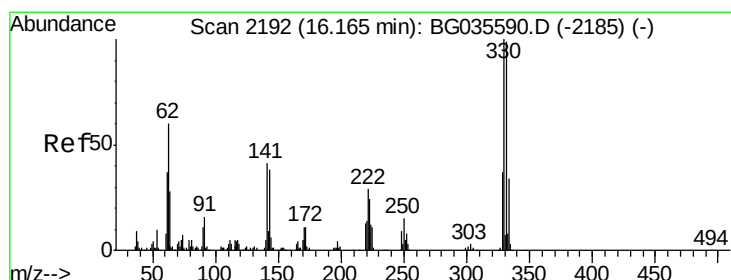
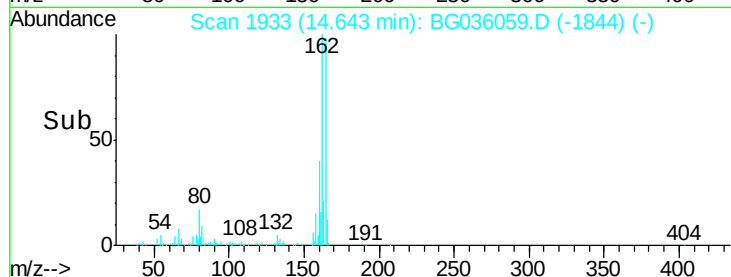
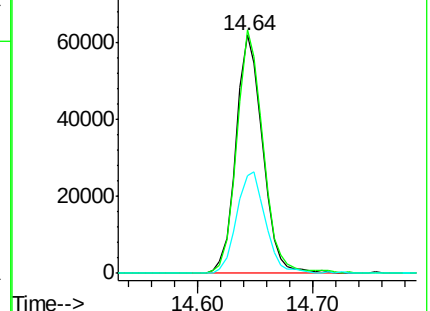
160 41.2 35.4 53.0



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: 103.151 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

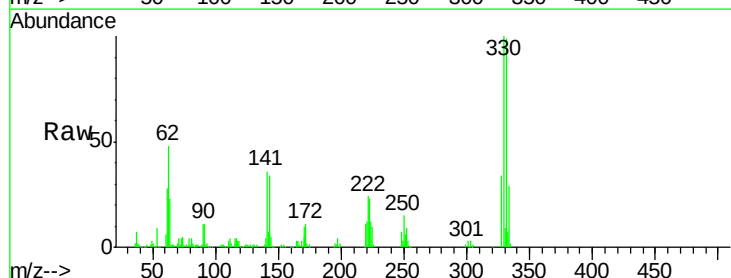
Tgt Ion:330 Resp: 134703

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

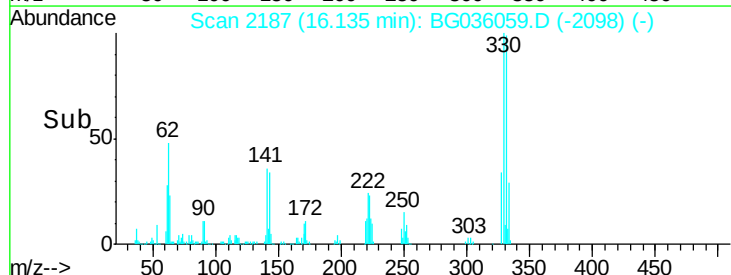
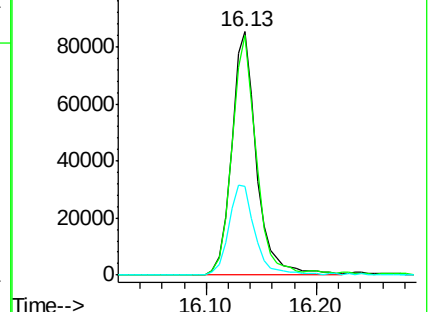
141 39.3 25.2 37.8#

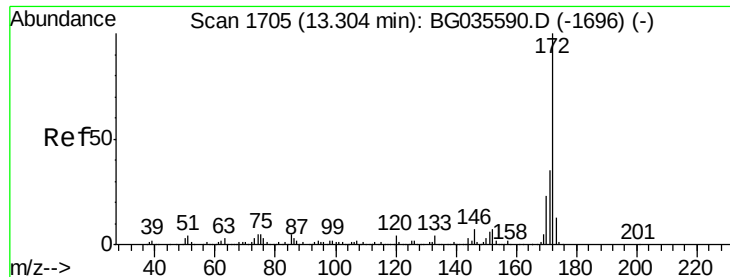


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

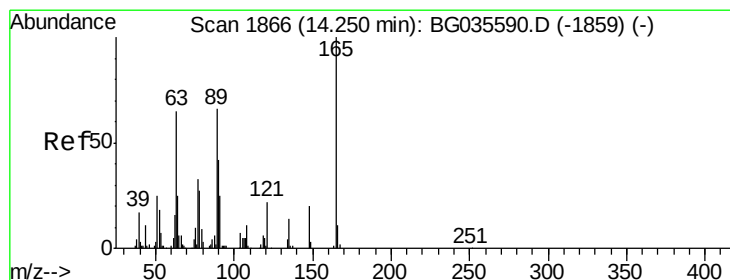
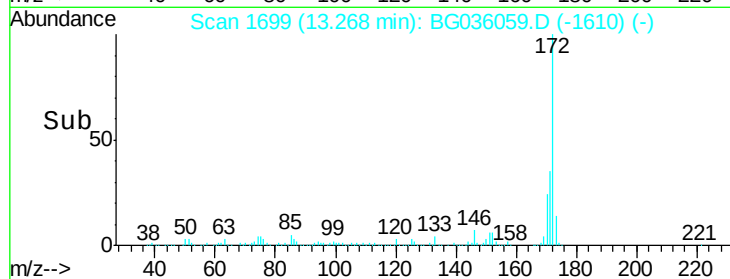
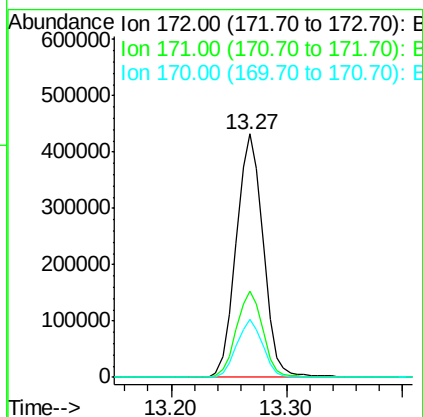
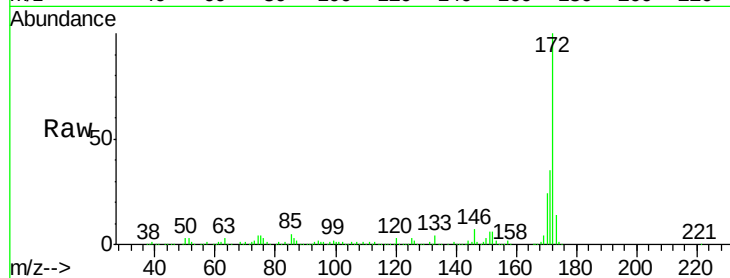




#44
2-Fluorobiphenyl
Concen: 94.804 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

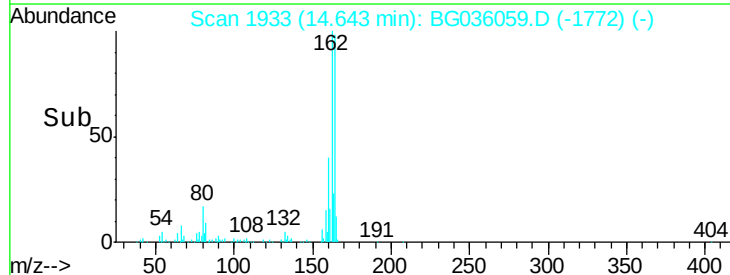
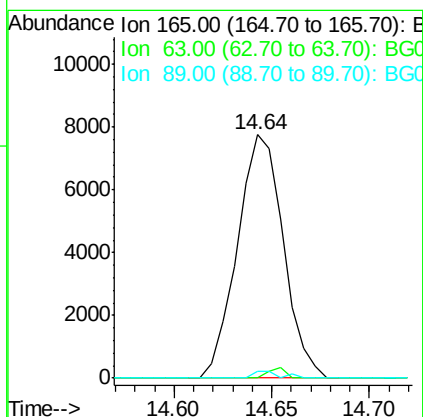
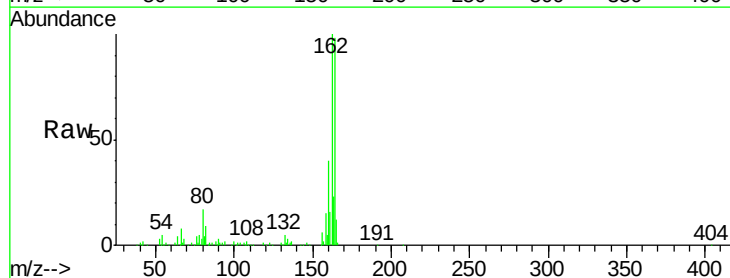
Instrument :
BNA_G
ClientSampleId :
CAP-2

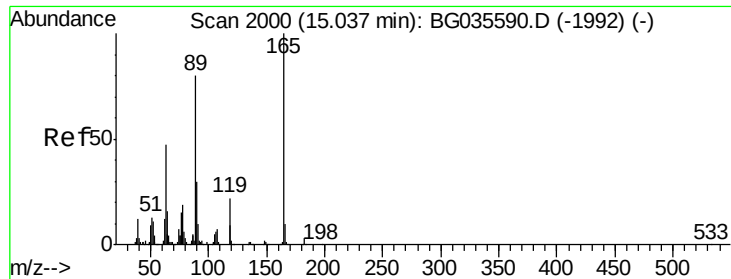
Tgt Ion:172 Resp: 701093
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.9 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.130 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG036059.D
Acq: 2 Aug 2018 14:05

Tgt Ion:165 Resp: 12603
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.9 49.2 73.8#

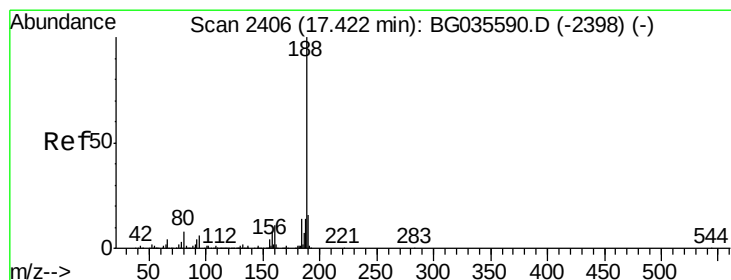
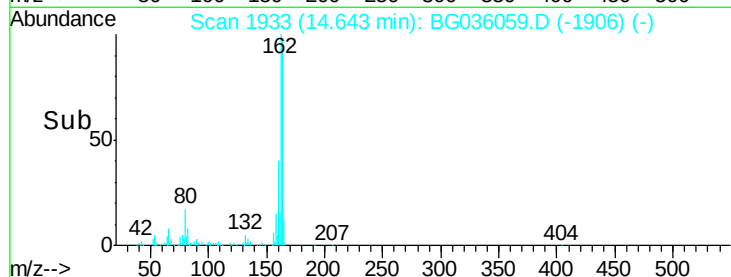
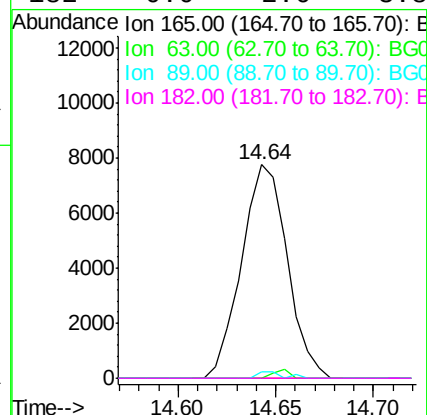
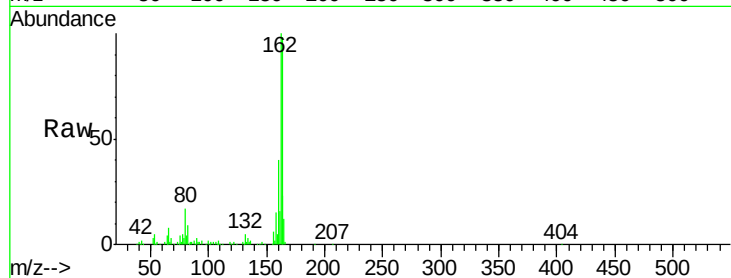




#56
 2,4-Dinitrotoluene
 Concen: 4.970 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036059.D
 Acq: 2 Aug 2018 14:05

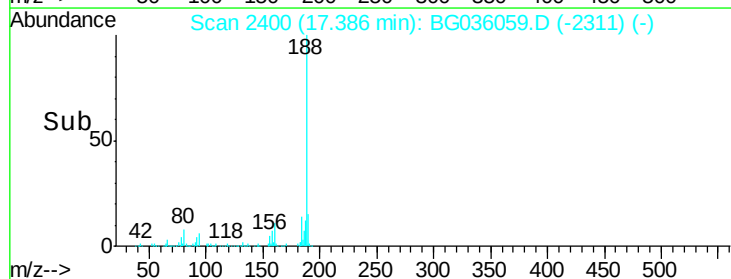
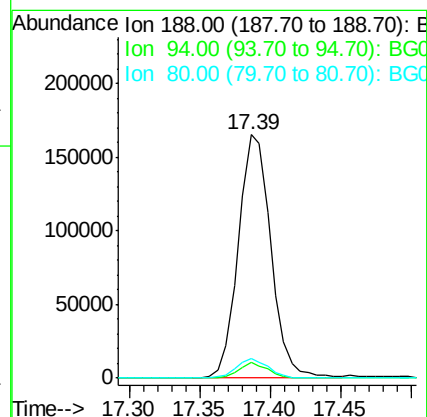
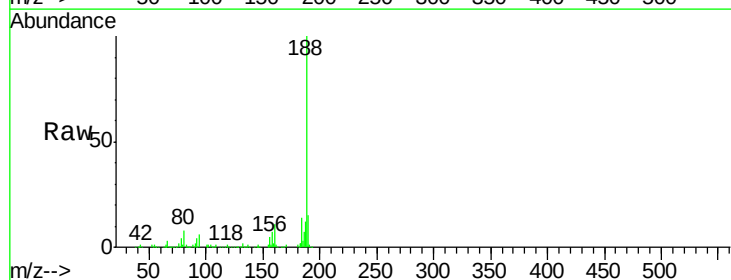
Instrument :
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 ClientSampleId :
 CAP-2

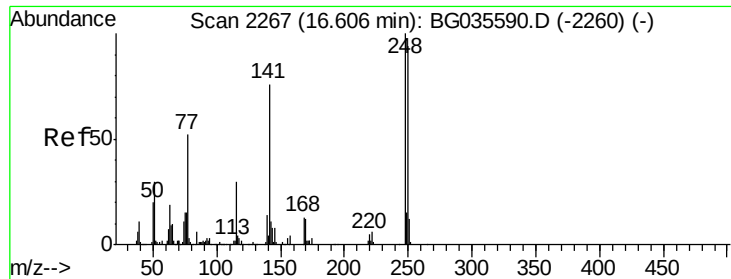
Tgt Ion:165 Resp: 12603
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG036059.D
 Acq: 2 Aug 2018 14:05

Tgt Ion:188 Resp: 267170
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.8 7.7 11.5

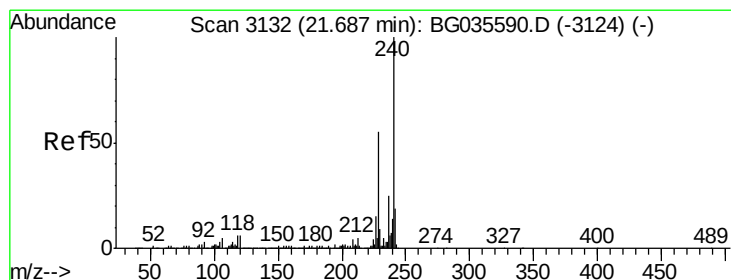
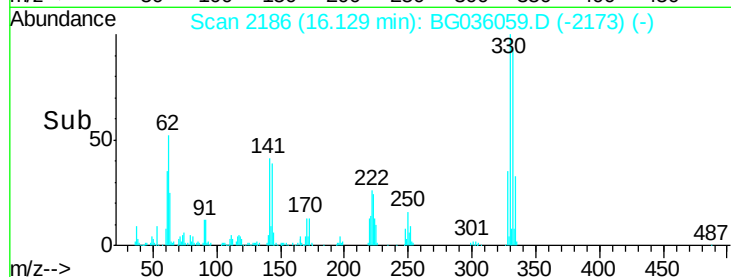
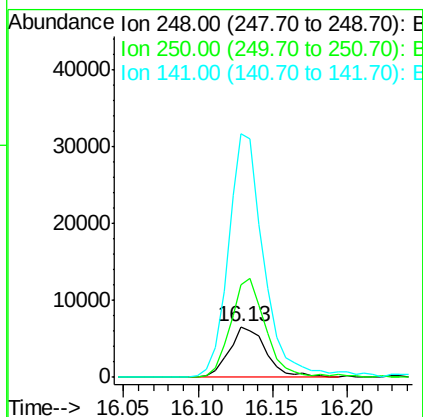
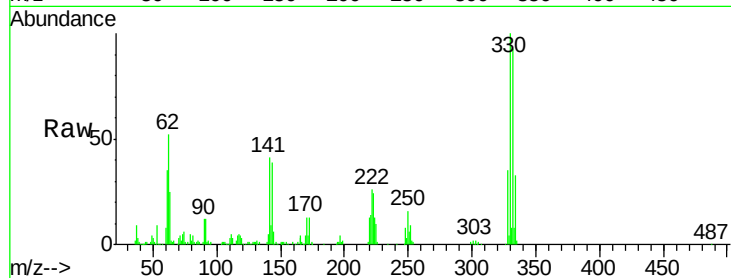




#66
 4-Bromophenyl-phenylether
 Concen: 3.643 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.45 min
 Lab File: BG036059.D
 Acq: 2 Aug 2018 14:05

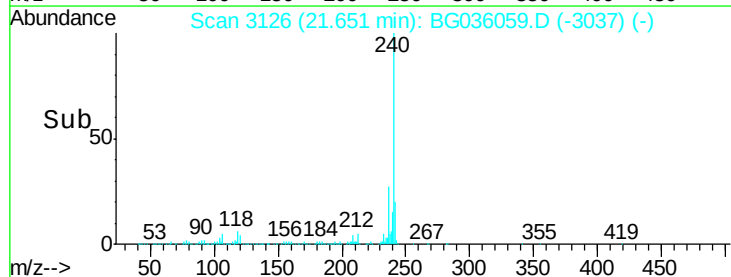
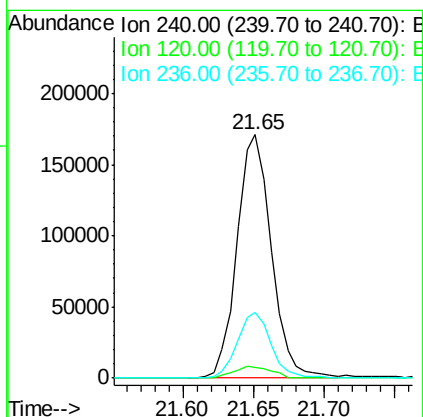
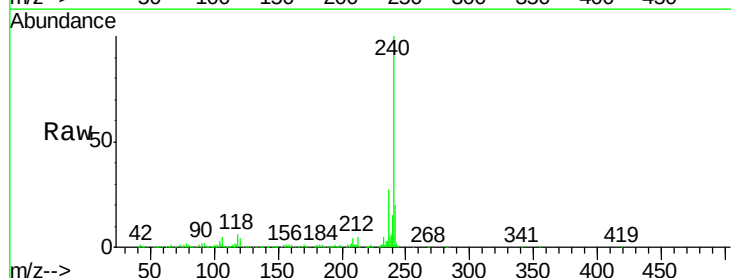
Instrument :
 BNA_G
 ClientSampleId :
 CAP-2

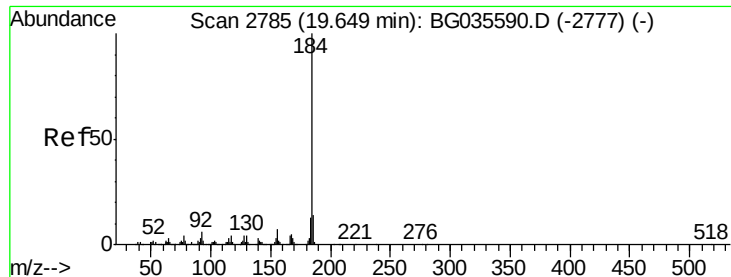
Tgt Ion:248 Resp: 11292
 Ion Ratio Lower Upper
 248 100
 250 183.4 77.1 115.7#
 141 479.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036059.D
 Acq: 2 Aug 2018 14:05

Tgt Ion:240 Resp: 290796
 Ion Ratio Lower Upper
 240 100
 120 4.2 6.8 10.2#
 236 27.1 20.9 31.3





#76

Benzidine

Concen: 2.793 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

Instrument :

BNA_G

ClientSampleId :

CAP-2

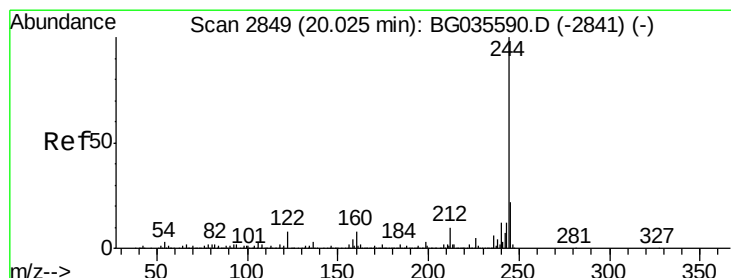
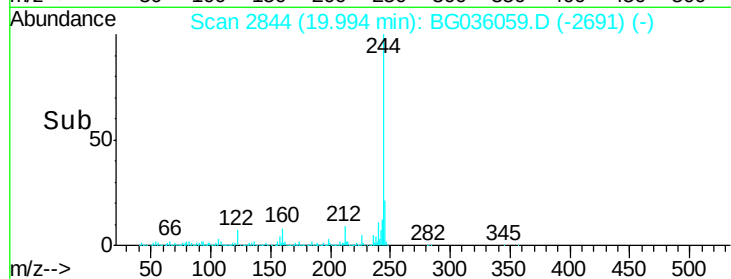
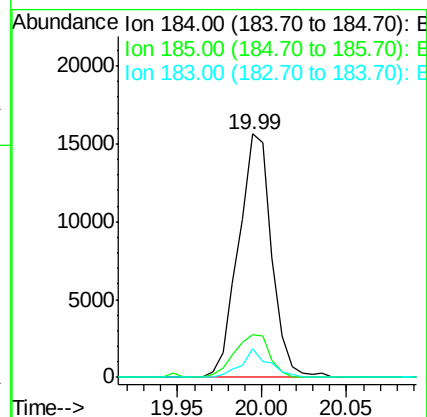
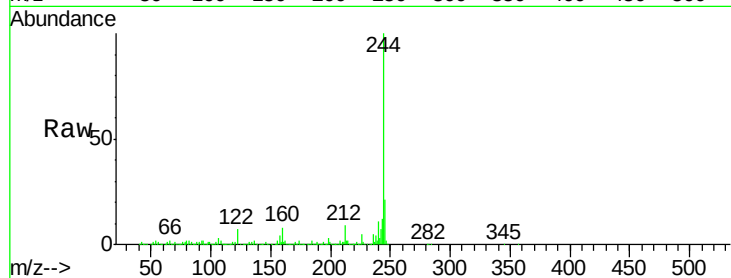
Tgt Ion:184 Resp: 21356

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

183 11.9 10.6 16.0



#78

Terphenyl-d14

Concen: 92.310 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036059.D

Acq: 2 Aug 2018 14:05

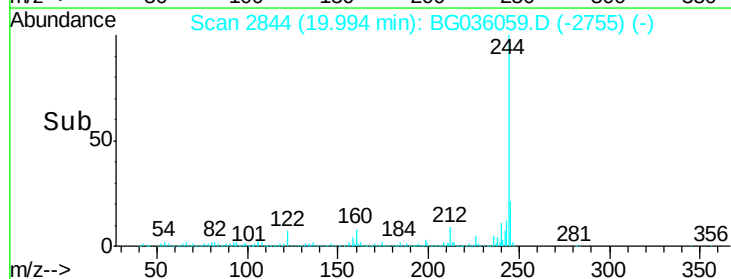
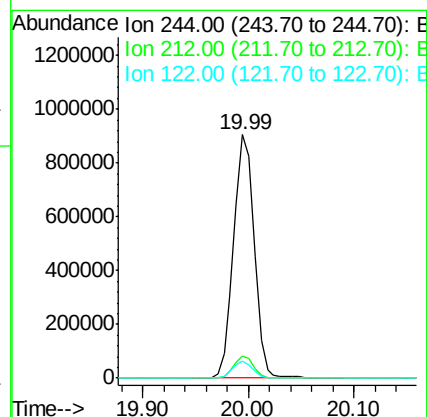
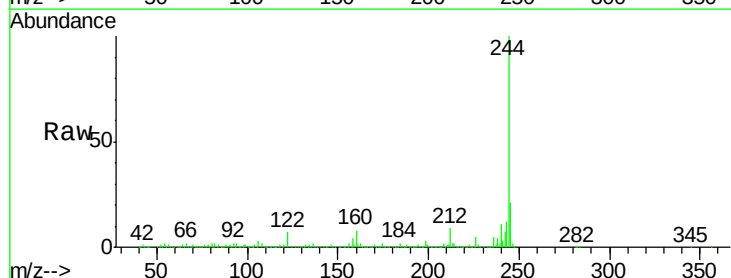
Tgt Ion:244 Resp: 1217779

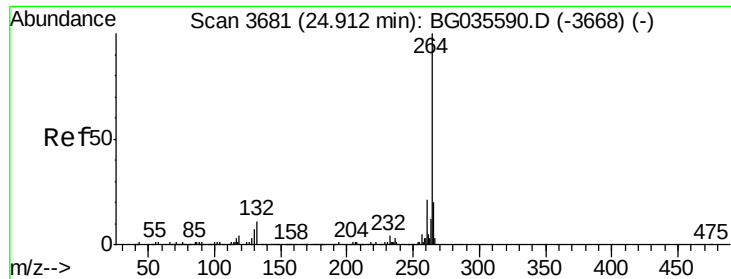
Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 6.9 7.0 10.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036059.D
 Acq: 2 Aug 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 CAP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.6	17.7	26.5

