

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036065.D
 Acq On : 2 Aug 2018 18:07
 Operator : JU/SJ
 Sample : J4262-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-073118

Quant Time: Aug 02 18:42:38 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

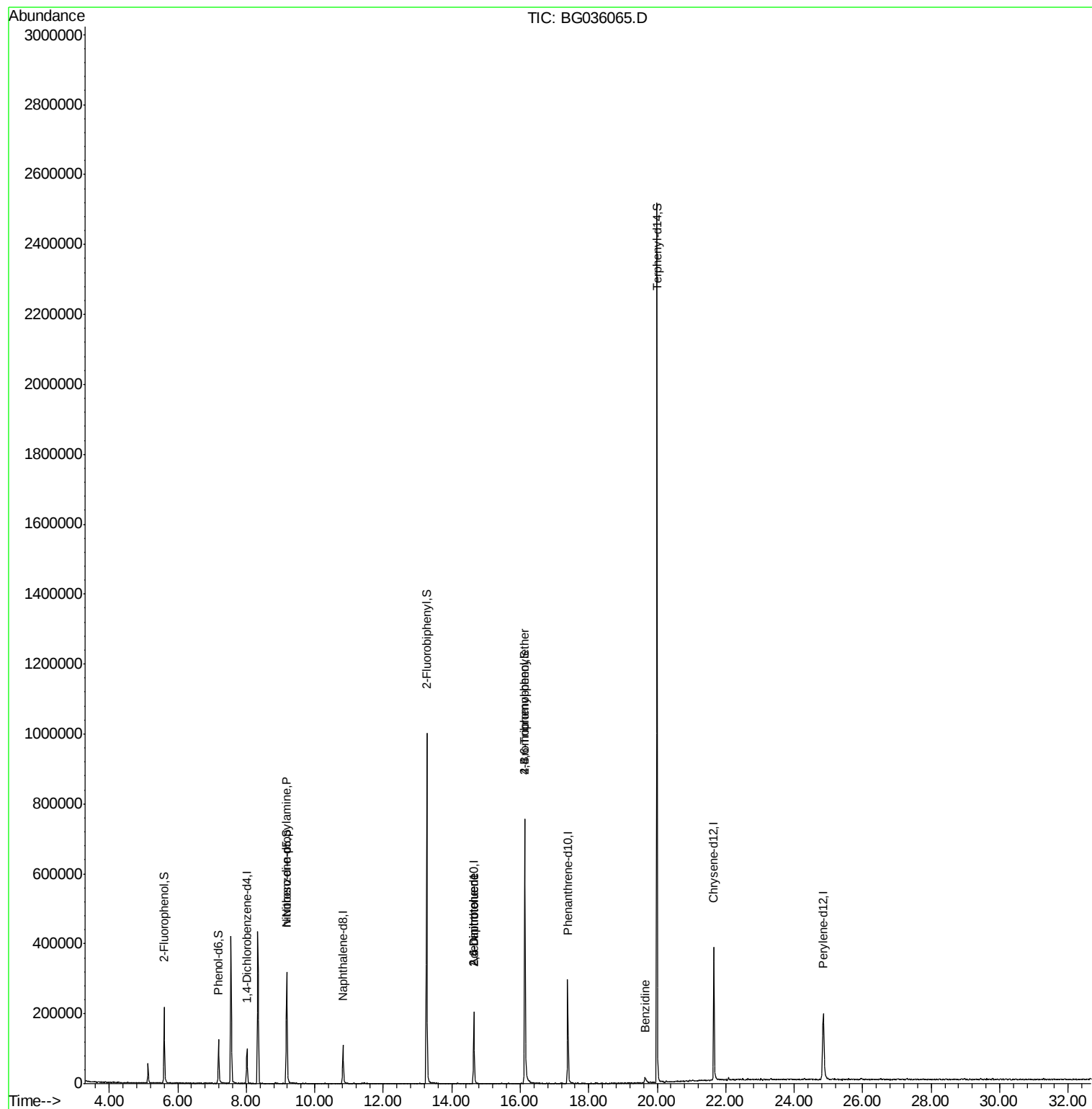
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28980	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	106287	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	82022	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	228676	20.00	ng	0.00
75) Chrysene-d12	21.65	240	268228	20.00	ng	0.00
86) Perylene-d12	24.85	264	242575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	99195	56.83	ng	0.00
7) Phenol-d6	7.19	99	84665	32.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	228654	89.87	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	162092	149.93	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	570405	93.17	ng	0.00
78) Terphenyl-d14	20.00	244	1198724	98.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	32037	14.608	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	10361	7.080	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	10361	4.935	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	13143	4.954	ng	# 1
76) Benzidine	19.64	184	25531	3.621	ng	# 93

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

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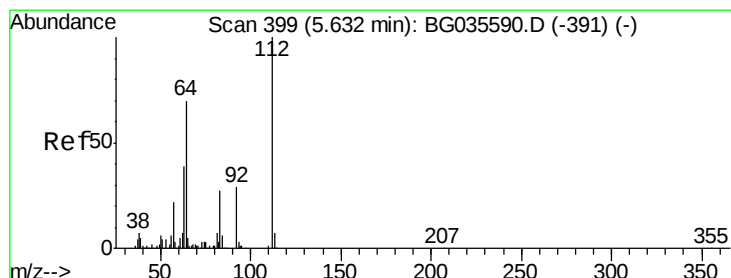
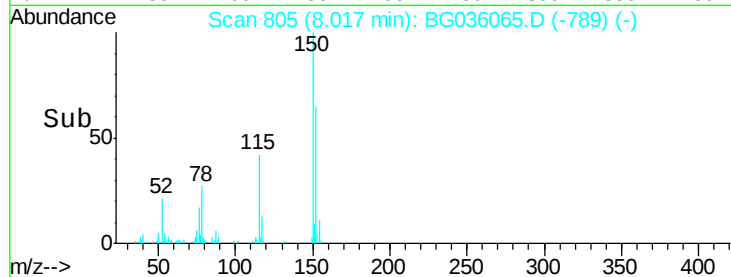
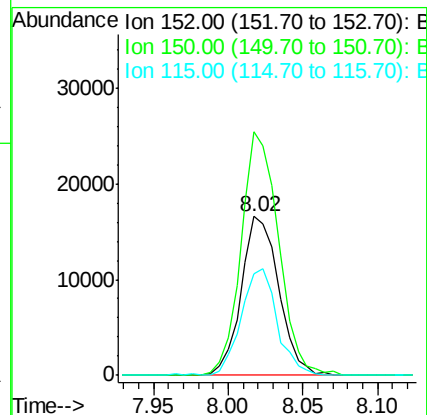
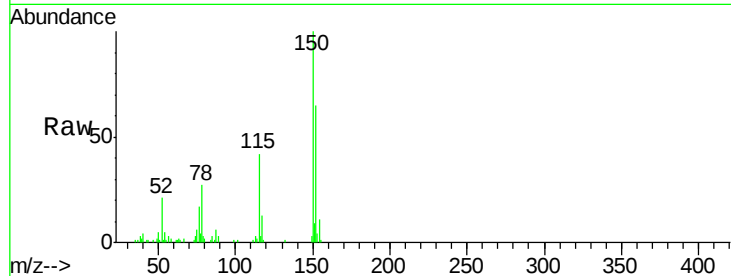


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036065.D
Acq: 2 Aug 2018 18:07

Instrument :
BNA_G
ClientSampleId :
FB-073118

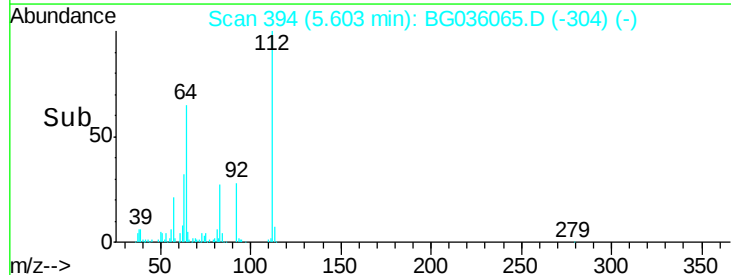
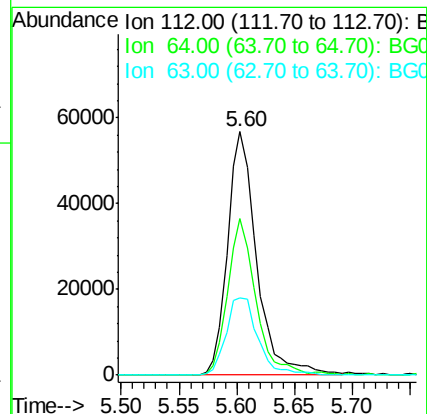
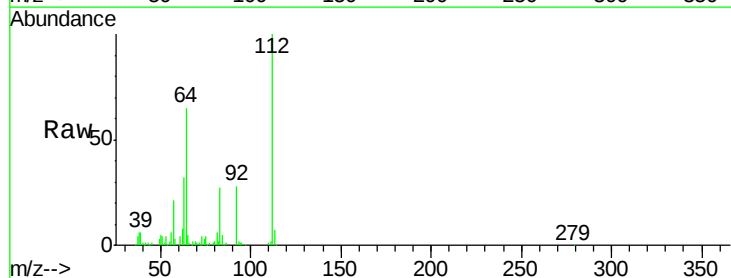
Tgt Ion:152 Resp: 28980
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 64.0 53.0 79.4

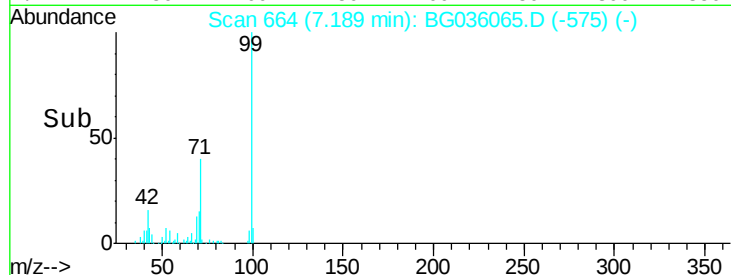
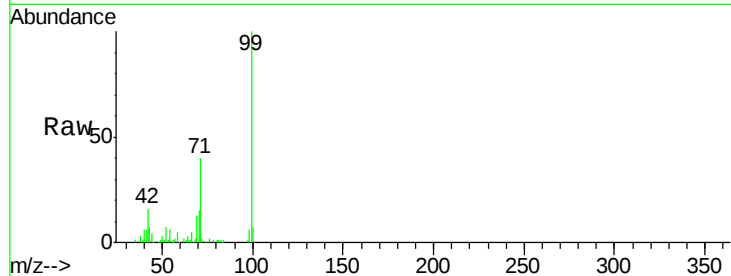


#5

2-Fluorophenol
Concen: 56.828 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036065.D
Acq: 2 Aug 2018 18:07

Tgt Ion:112 Resp: 99195
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 31.7 30.1 45.1





#7

Phenol-d6

Concen: 32.509 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

FB-073118

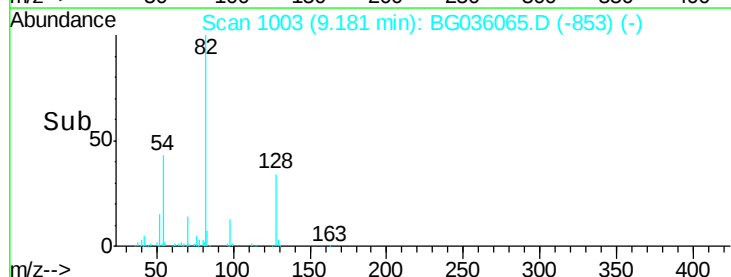
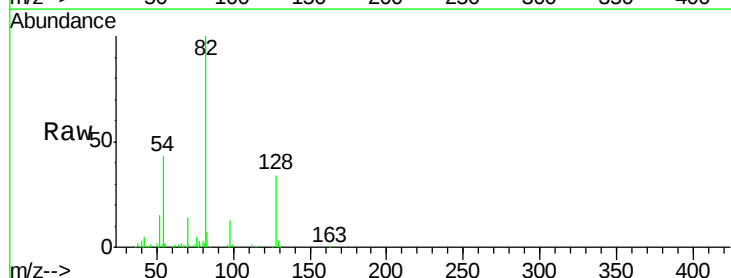
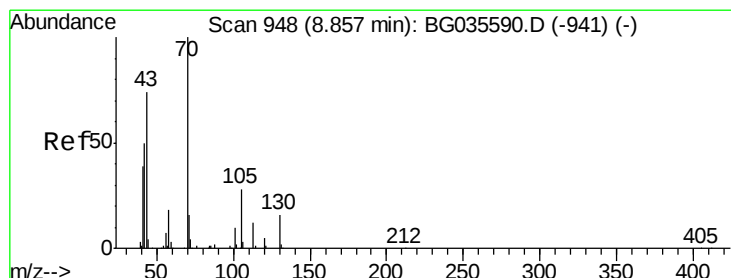
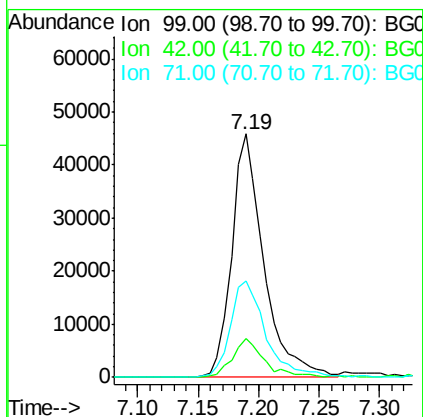
Tgt Ion: 99 Resp: 84665

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 39.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.608 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

Tgt Ion: 70 Resp: 32037

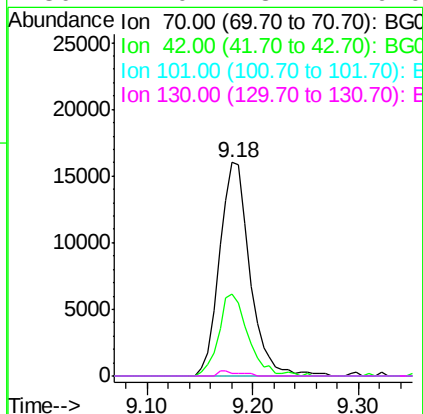
Ion Ratio Lower Upper

70 100

42 38.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#

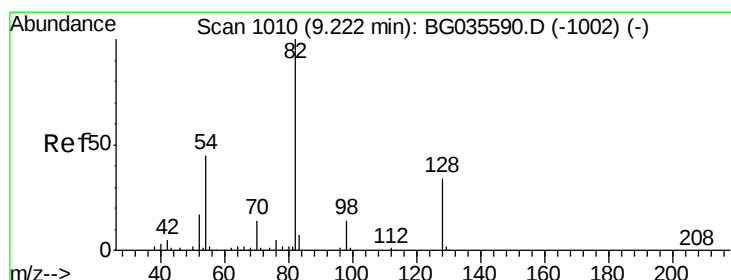
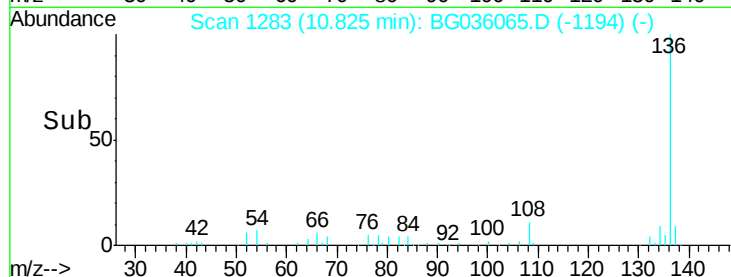
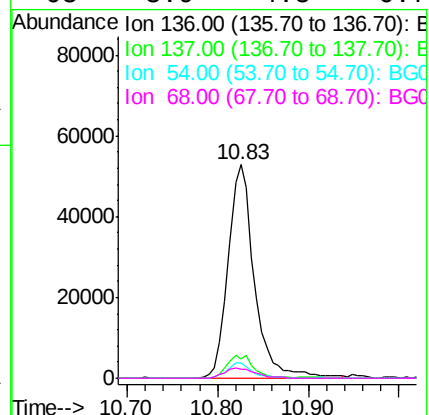
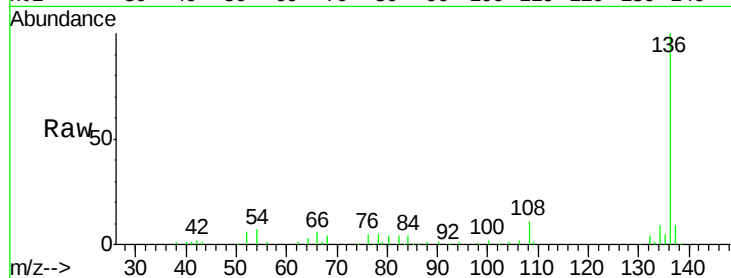




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036065.D
Acq: 2 Aug 2018 18:07

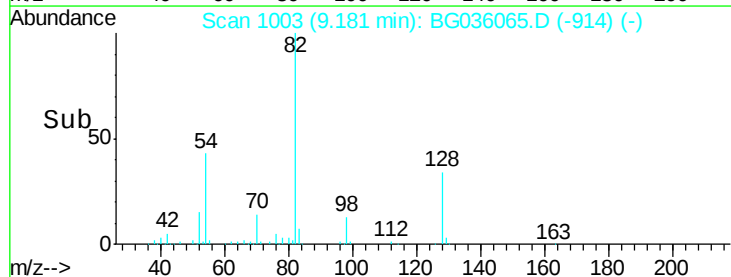
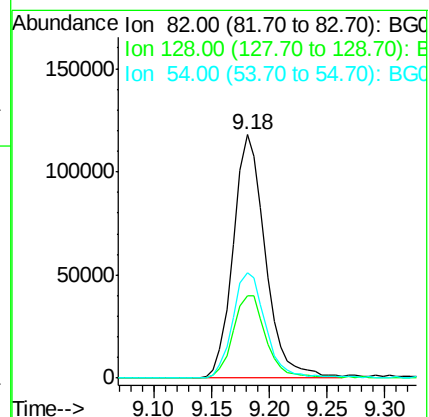
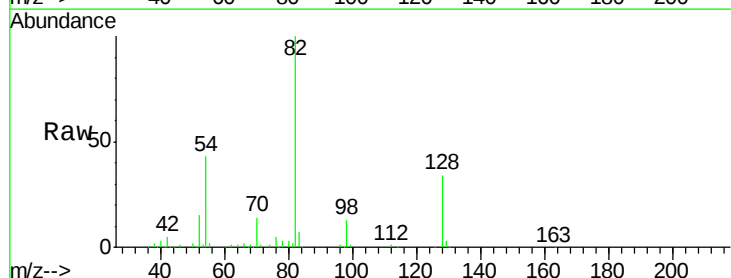
Instrument :
BNA_G
ClientSampleId :
FB-073118

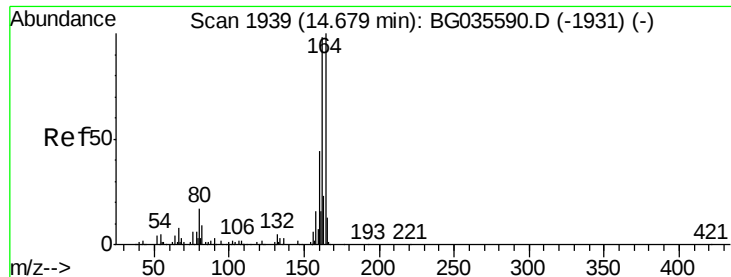
Tgt Ion:	136	Resp:	106287
Ion	Ratio	Lower	Upper
136	100		
137	8.9	9.2	13.8#
54	7.5	10.3	15.5#
68	3.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 89.869 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036065.D
Acq: 2 Aug 2018 18:07

Tgt Ion:	82	Resp:	228654
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.3	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

FB-073118

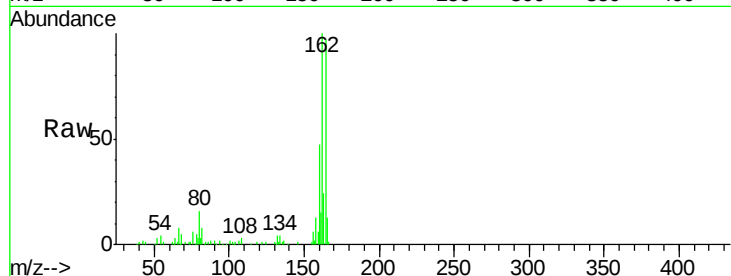
Tgt Ion:164 Resp: 82022

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

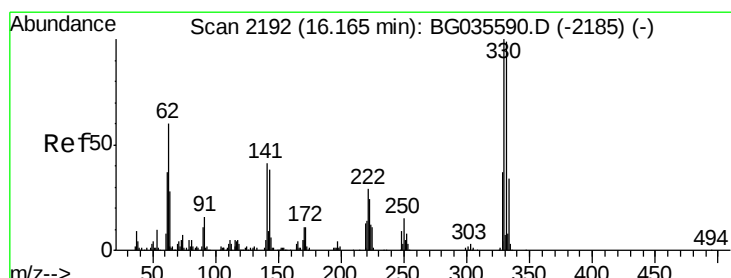
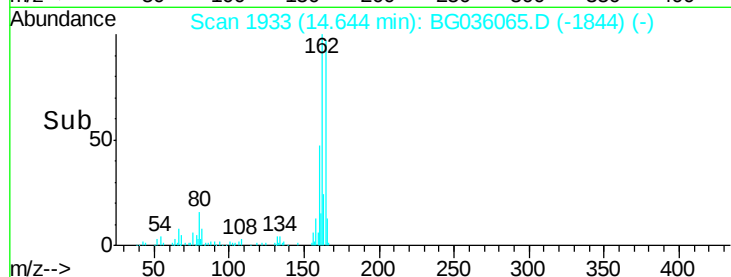
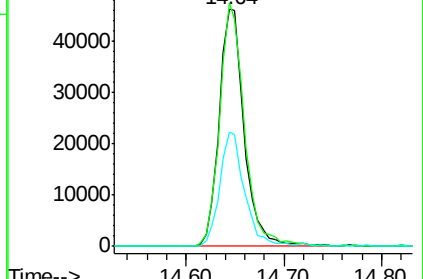
160 48.3 35.4 53.0



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: 149.932 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

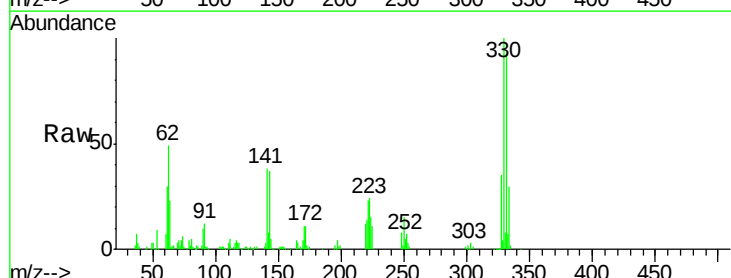
Tgt Ion:330 Resp: 162092

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

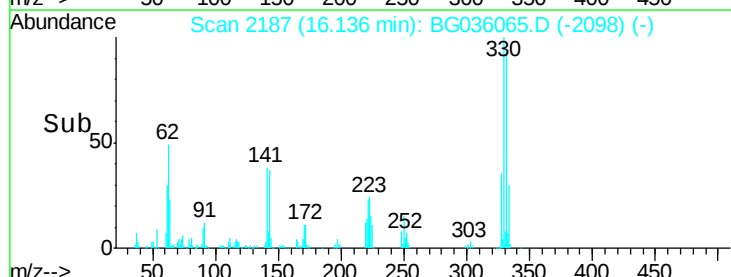
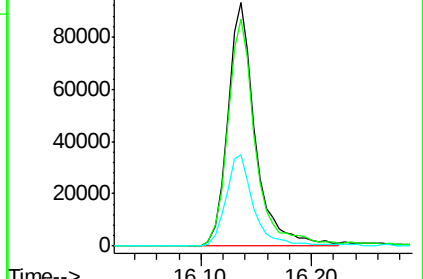
141 37.8 25.2 37.8

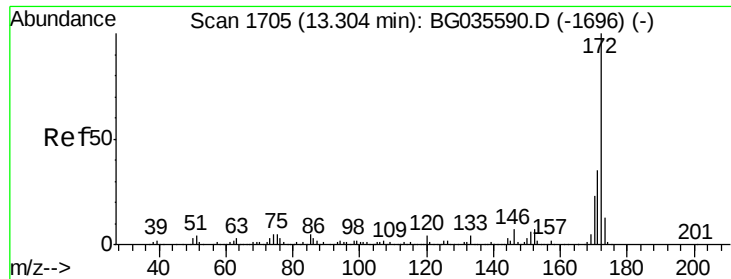


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

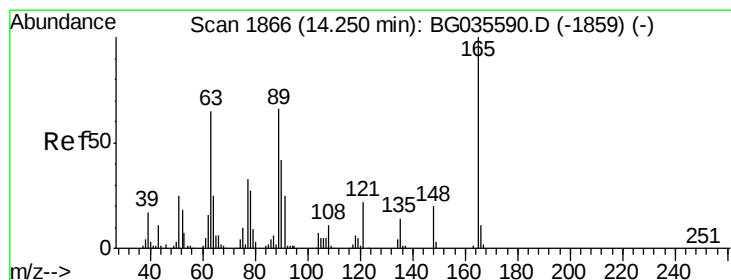
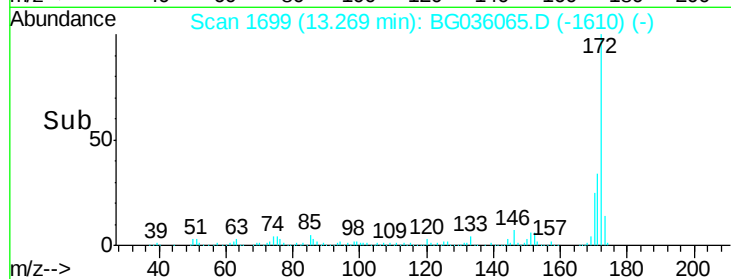
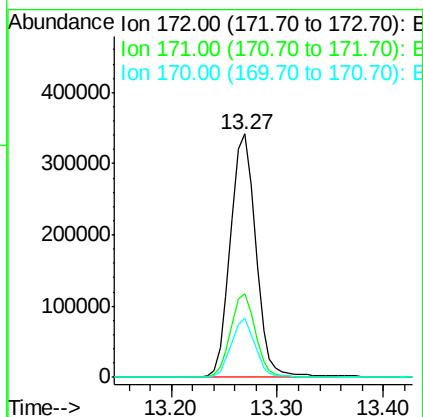
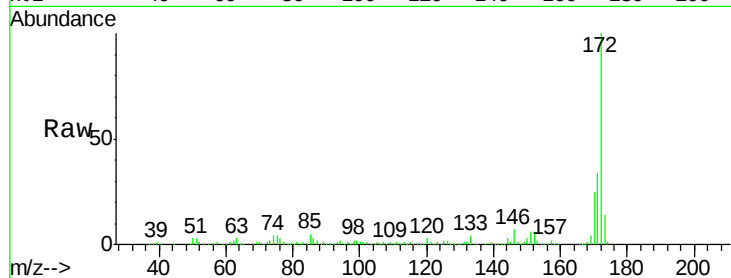




#44
 2-Fluorobiphenyl
 Concen: 93.170 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

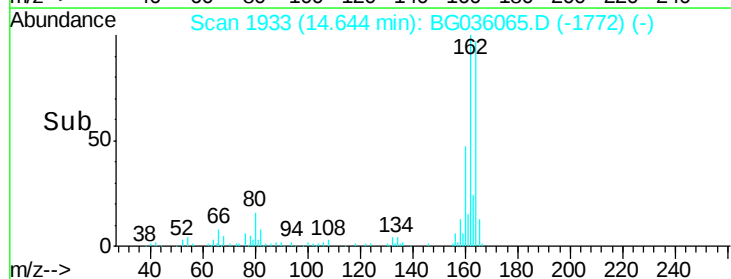
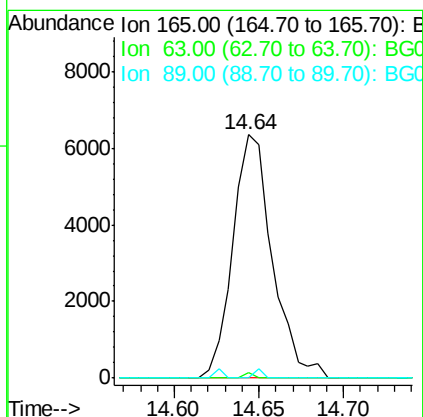
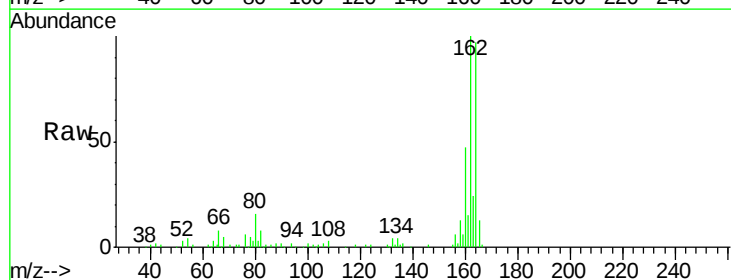
Instrument :
 BNA_G
 ClientSampleId :
 FB-073118

Tgt Ion:172 Resp: 570405
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 24.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.080 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

Tgt Ion:165 Resp: 10361
 Ion Ratio Lower Upper
 165 100
 63 2.5 52.7 79.1#
 89 0.0 49.2 73.8#

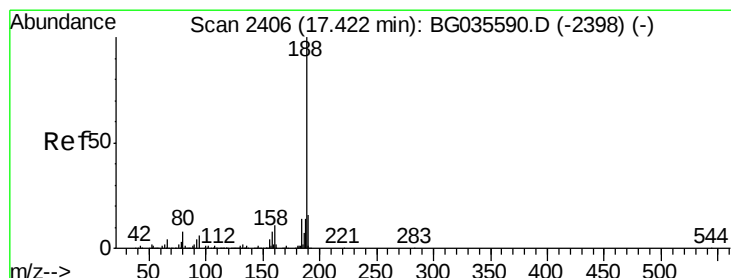
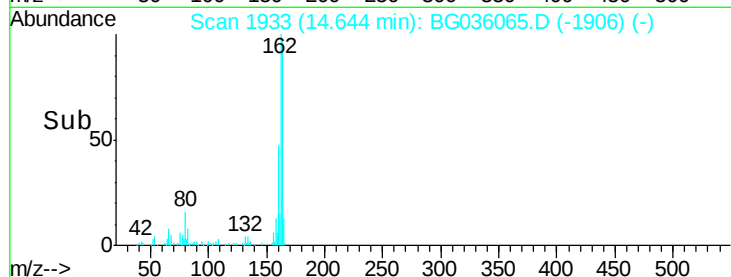
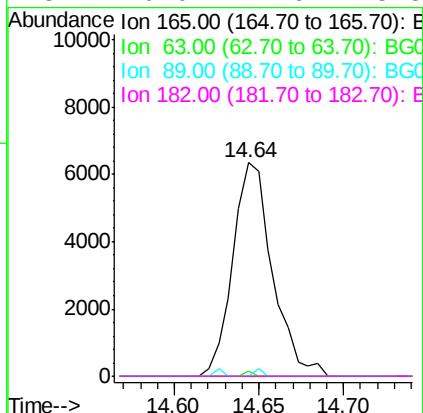
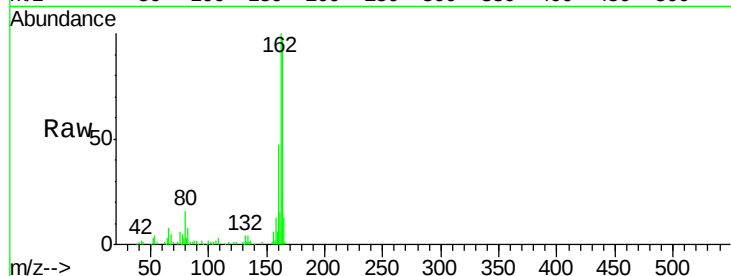




#56
 2,4-Dinitrotoluene
 Concen: 4.935 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

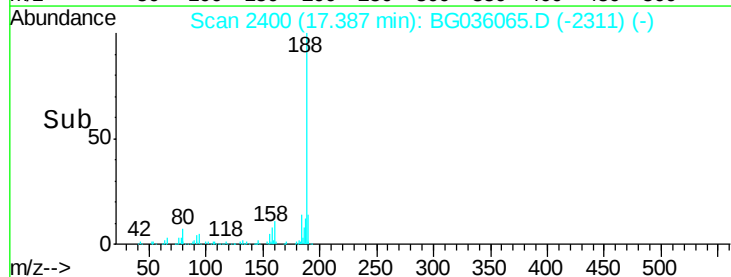
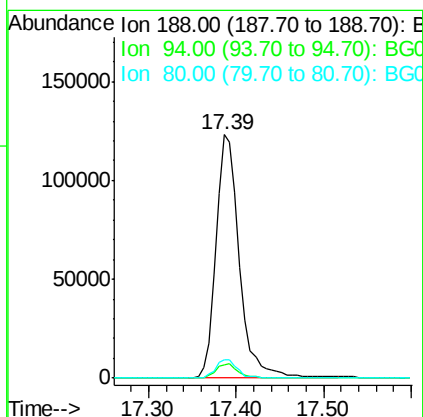
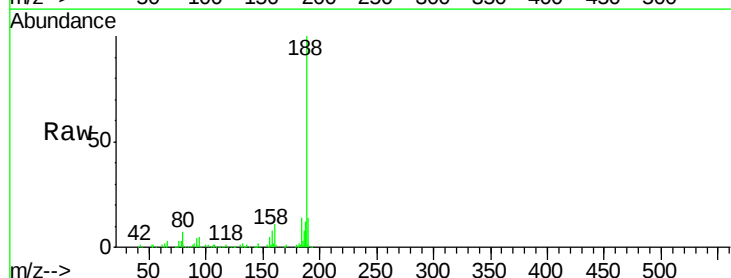
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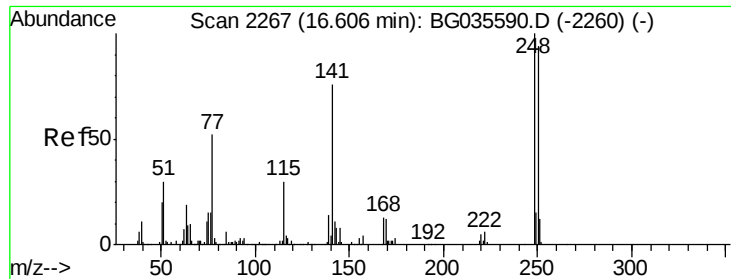
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	7.5	7.7	11.5#

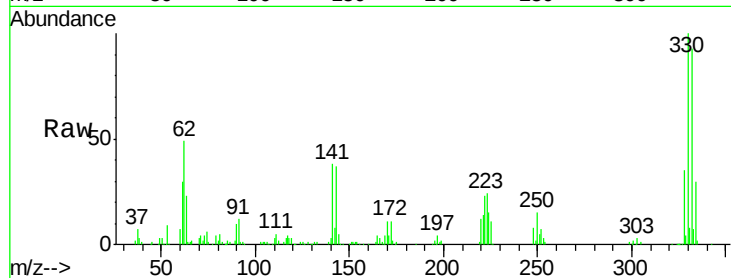




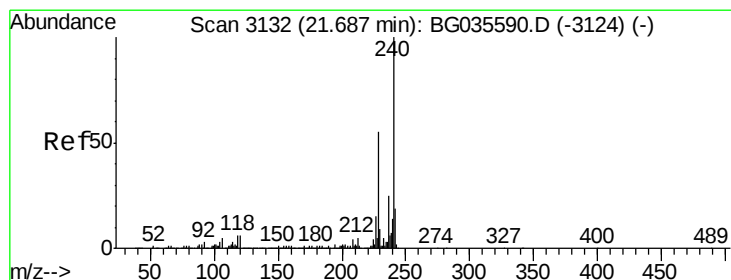
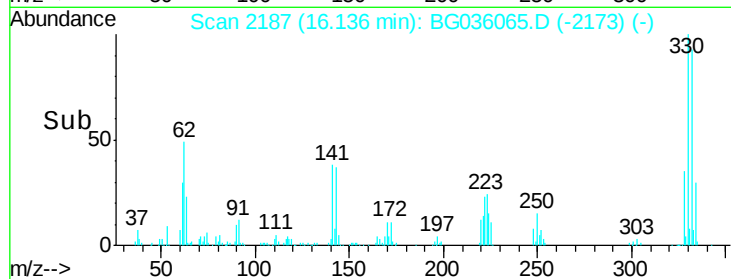
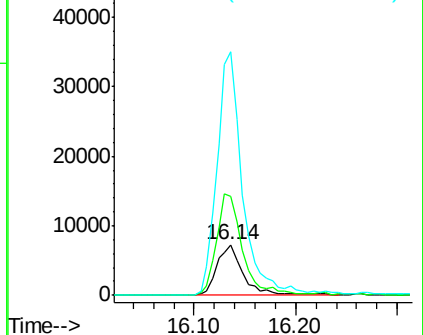
#66
 4-Bromophenyl-phenylether
 Concen: 4.954 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 FB-073118

Tgt Ion:248 Resp: 13143
 Ion Ratio Lower Upper
 248 100
 250 194.5 77.1 115.7#
 141 480.2 50.8 76.2#

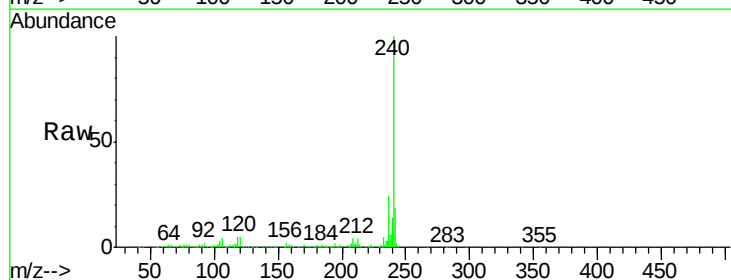


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

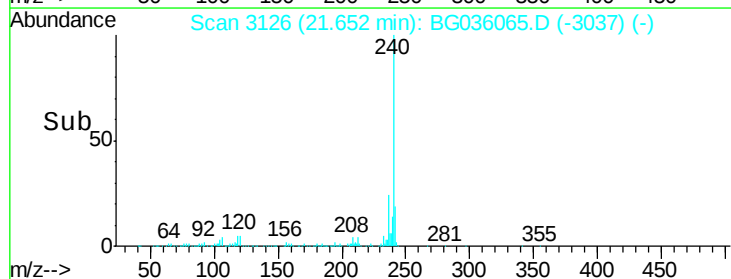
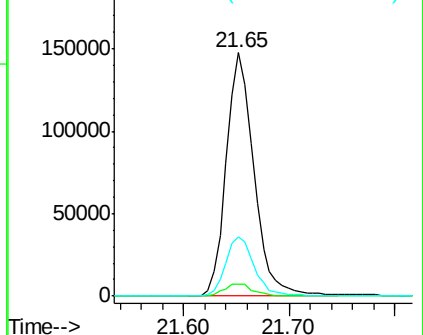


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036065.D
 Acq: 2 Aug 2018 18:07

Tgt Ion:240 Resp: 268228
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 24.2 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: 3.621 ng

RT: 19.64 min Scan# 2784

Delta R.T. 0.02 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

FB-073118

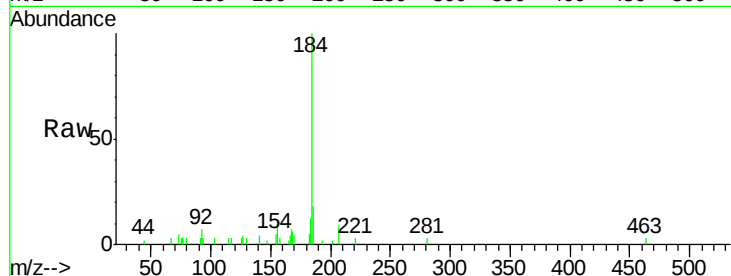
Tgt Ion:184 Resp: 25531

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

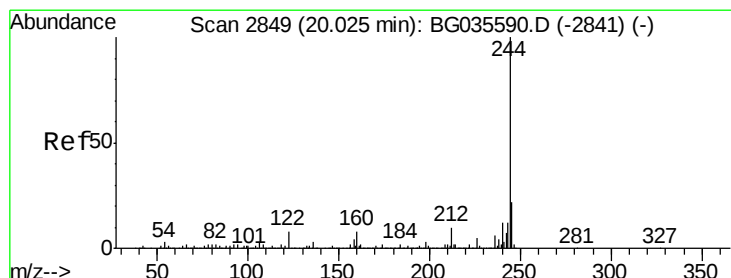
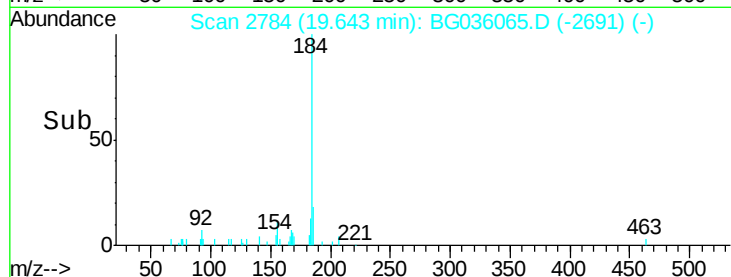
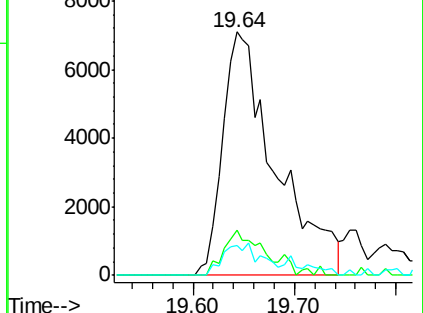
183 12.5 10.6 16.0



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: 98.511 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036065.D

Acq: 2 Aug 2018 18:07

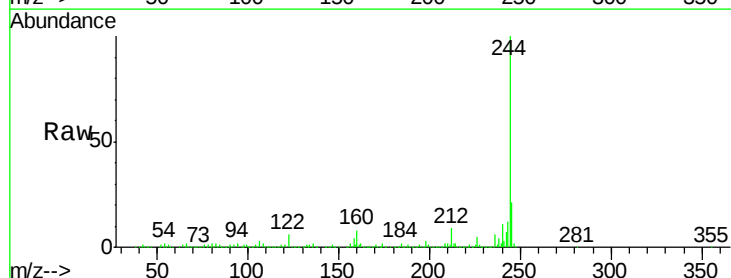
Tgt Ion:244 Resp: 1198724

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

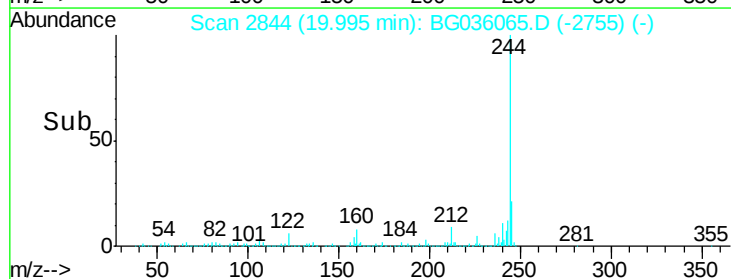
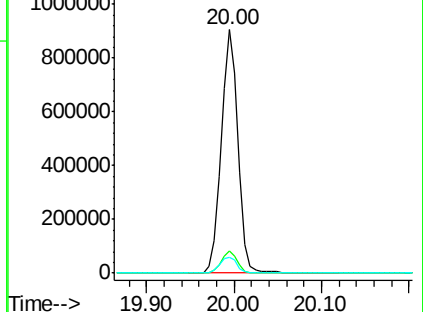
122 6.4 7.0 10.4#

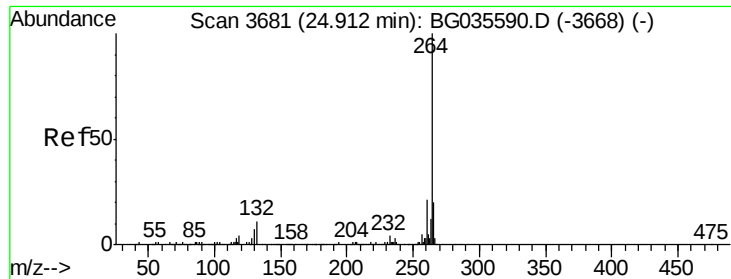


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

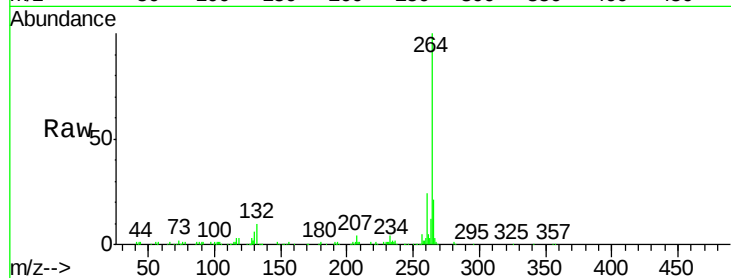




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036065.D
Acq: 2 Aug 2018 18:07

Instrument :
BNA_G
ClientSampleId :
FB-073118

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.0	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

