

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035432.D
 Acq On : 27 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3705-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:23:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

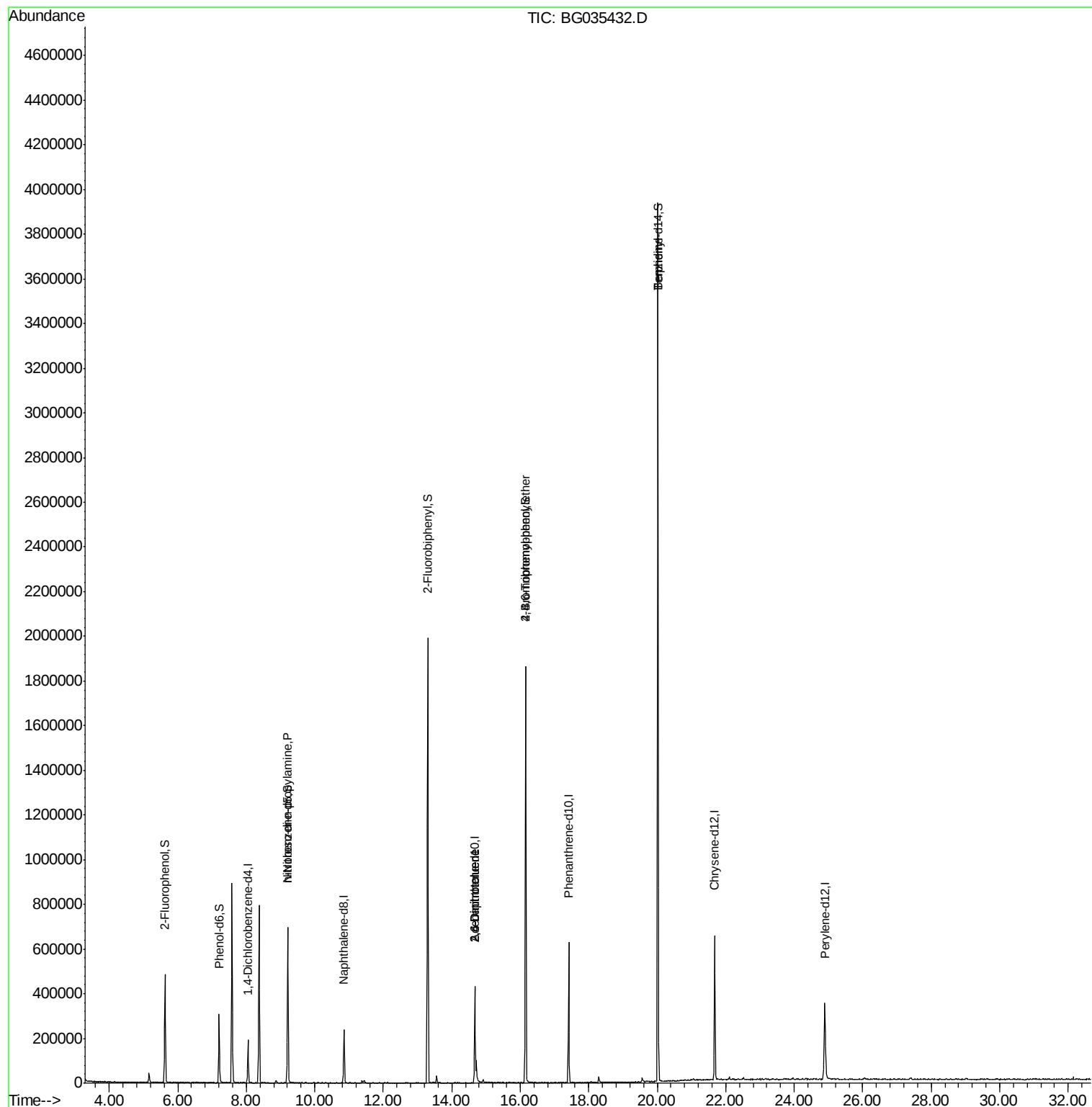
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52405	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	200070	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	148130	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	392659	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	419007	20.00	ng	-0.04
86) Perylene-d12	24.89	264	397994	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	213488	68.75	ng	-0.02
7) Phenol-d6	7.21	99	189958	41.45	ng	-0.02
23) Nitrobenzene-d5	9.21	82	469467	111.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	341969	180.34	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1059850	93.01	ng	-0.03
78) Terphenyl-d14	20.02	244	1905336	95.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	65313	16.774	ng	# 65
50) 2,6-Dinitrotoluene	14.67	165	20188	8.567	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	20188	6.449	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	27346	5.783	ng	# 1
76) Benzidine	20.02	184	32678	2.096	ng	# 90

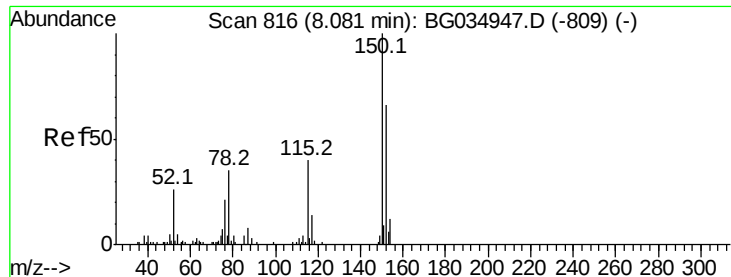
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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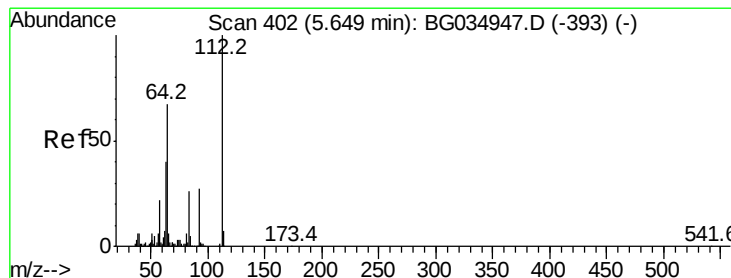
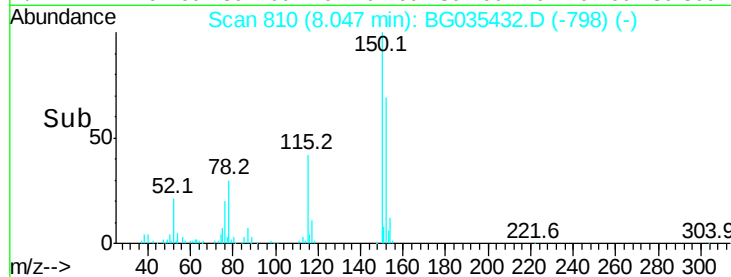
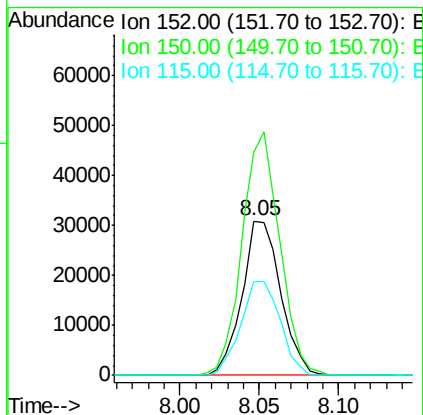
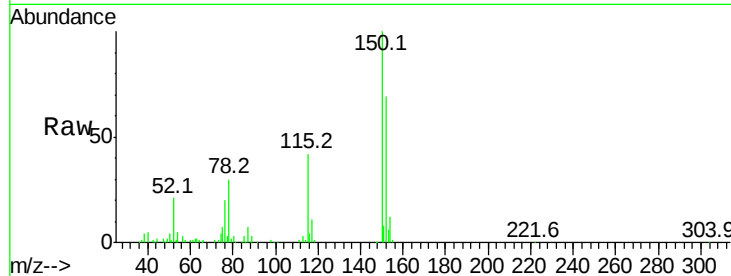


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Instrument :
BNA_G
ClientSampleId :

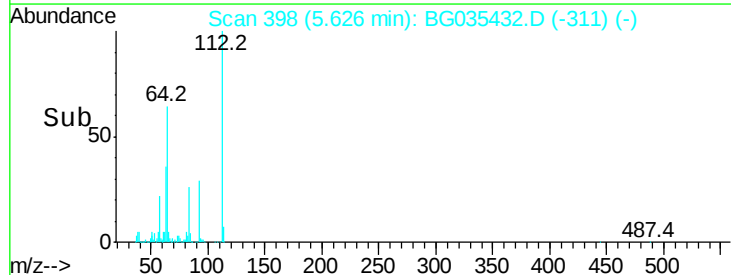
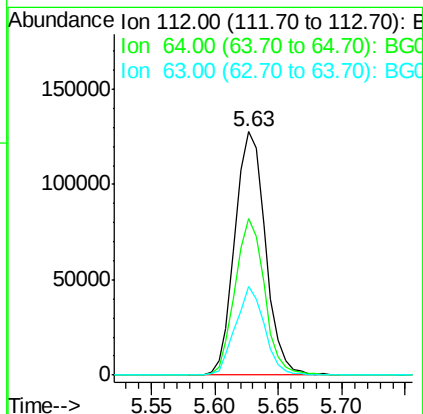
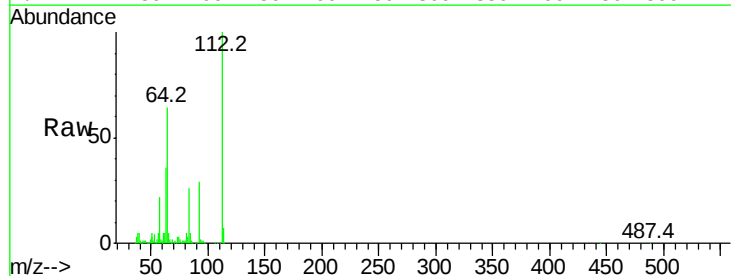
Tot Ion:152 Resp: 52405
Ion Ratio Lower Upper
152 100
150 144.4 126.6 189.8
115 61.2 53.0 79.4

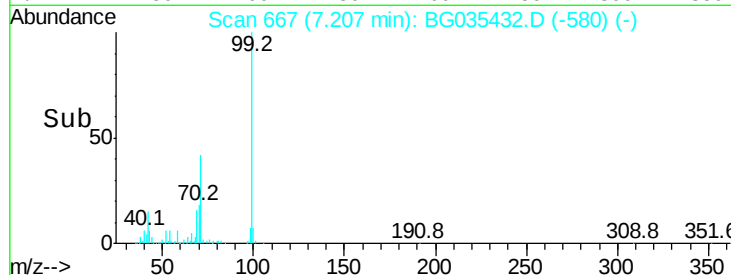
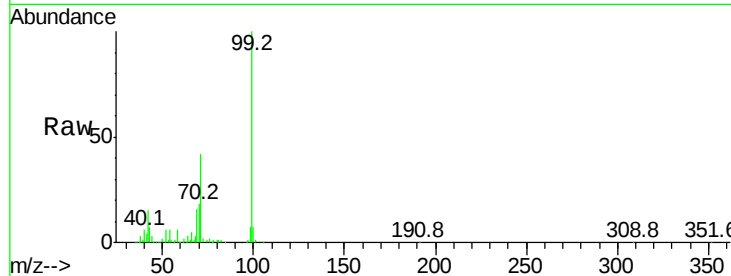
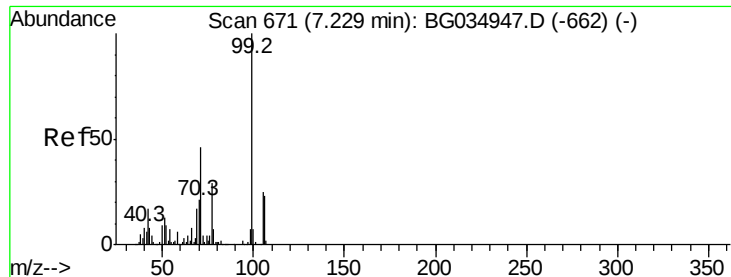


#5

2-Fluorophenol
Concen: 68.750 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Tgt Ion:112 Resp: 213488
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 41.446 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampled :

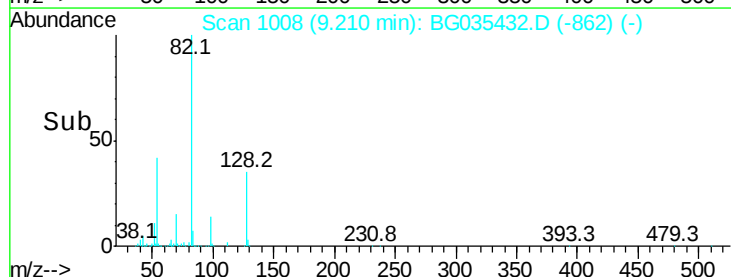
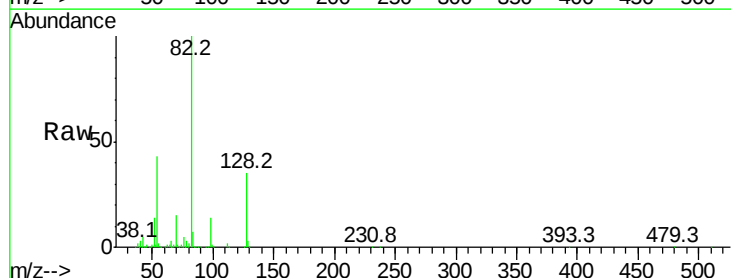
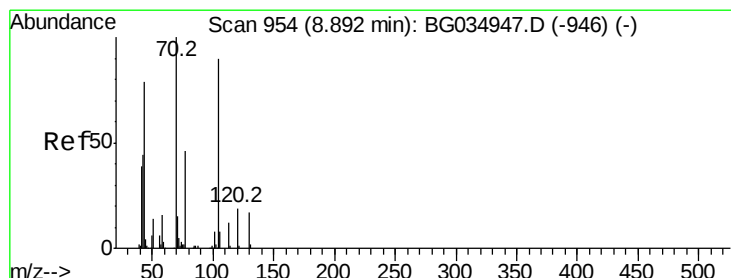
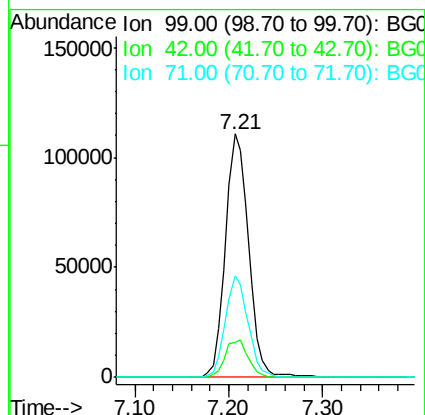
Tot Ion: 99 Resp: 189958

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 41.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.774 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Tgt Ion: 70 Resp: 65313

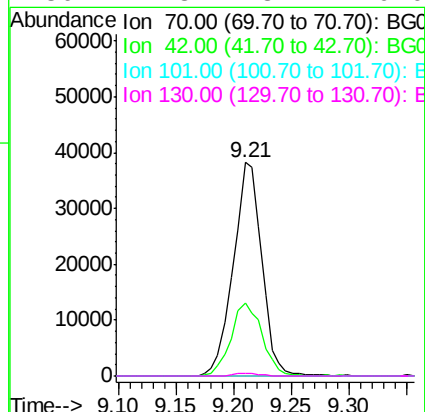
Ion Ratio Lower Upper

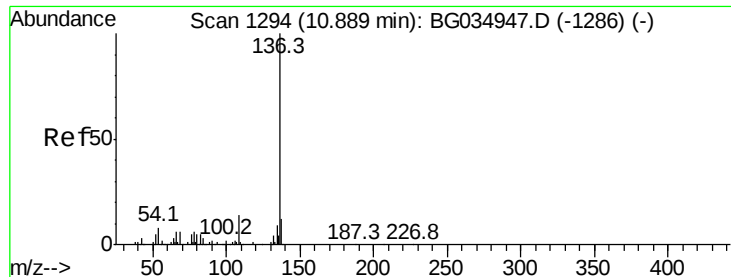
70 100

42 34.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 200070

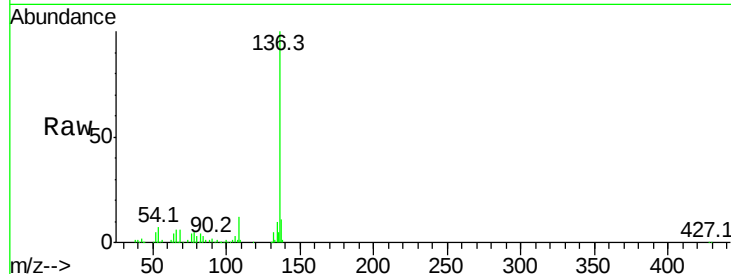
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.4 10.3 15.5#

68 5.7 4.5 6.7

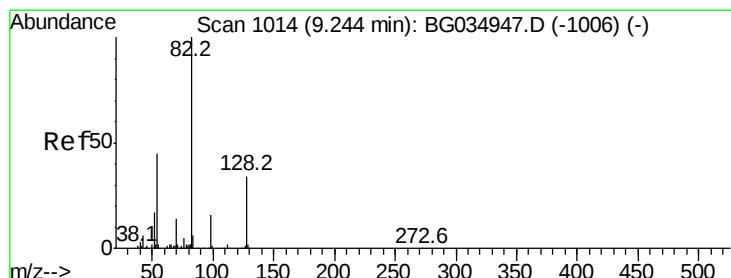
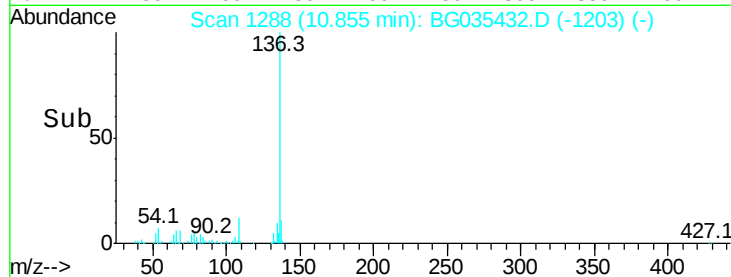
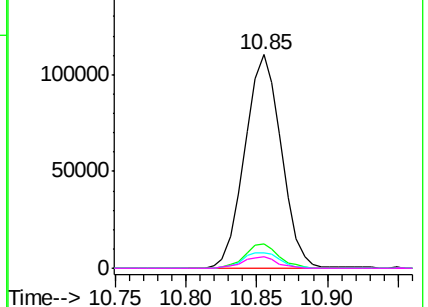


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.540 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

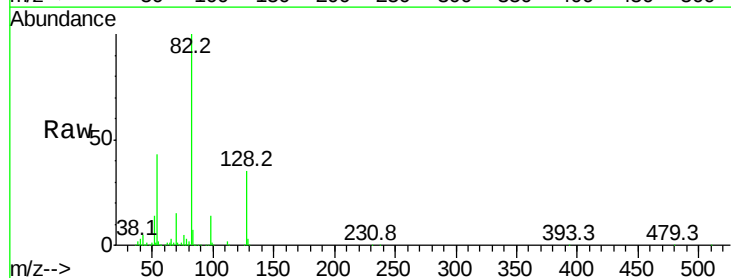
Tgt Ion: 82 Resp: 469467

Ion Ratio Lower Upper

82 100

128 34.6 29.7 44.5

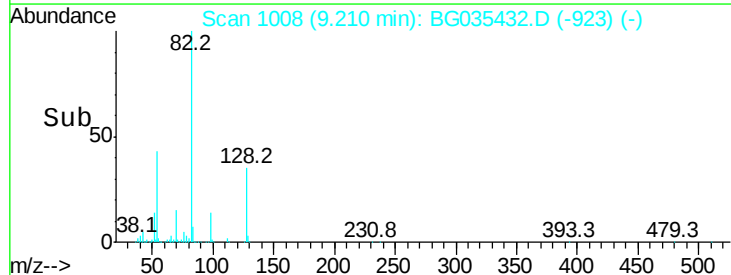
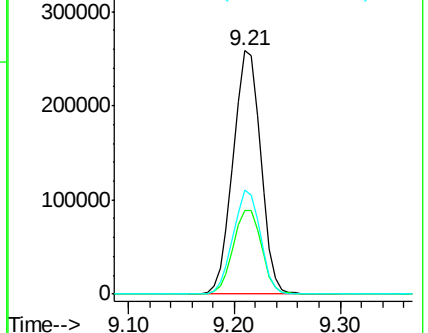
54 42.5 43.1 64.7#

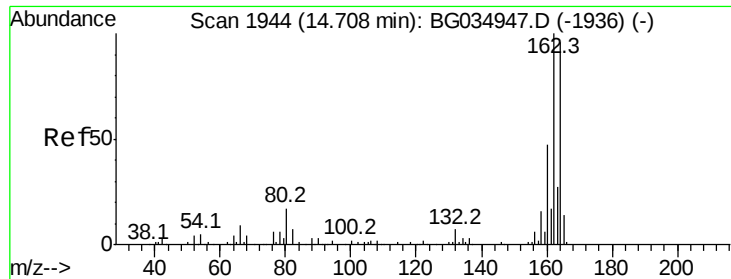


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

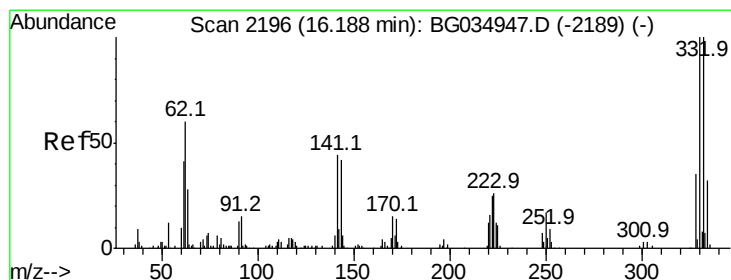
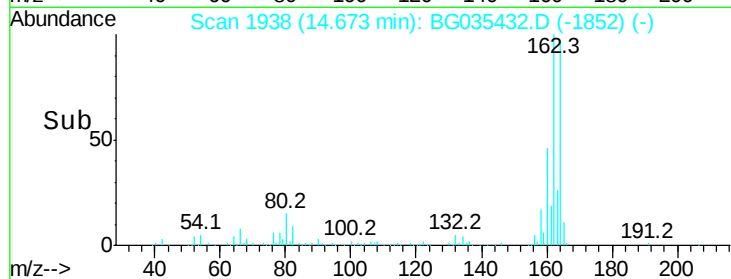
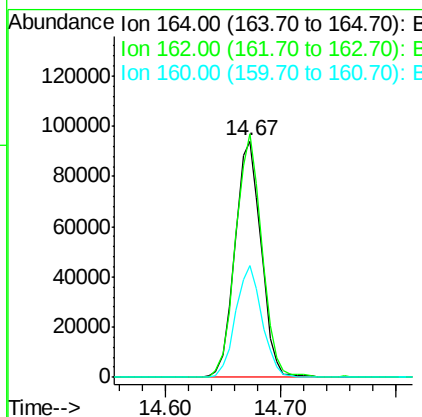
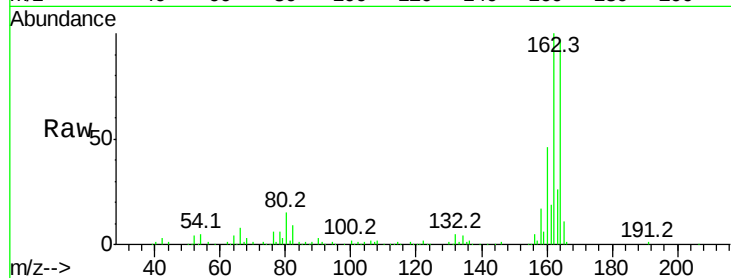




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

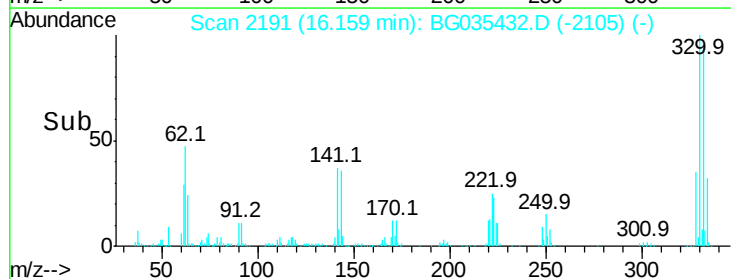
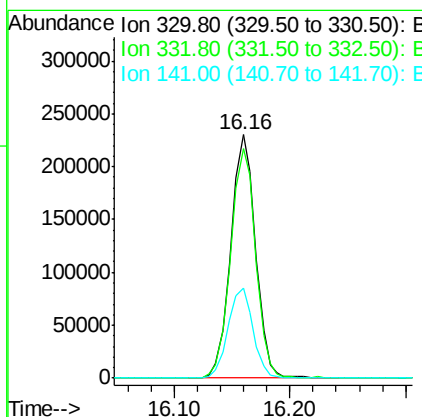
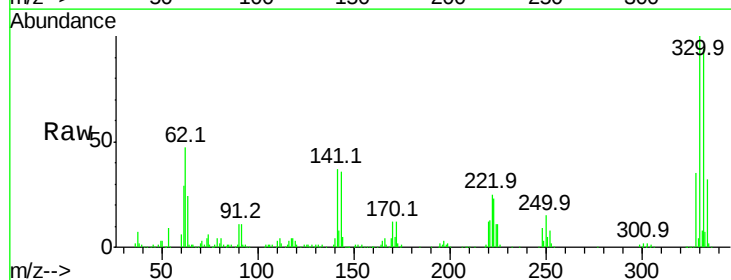
Instrument :
BNA_G
ClientSampleId :

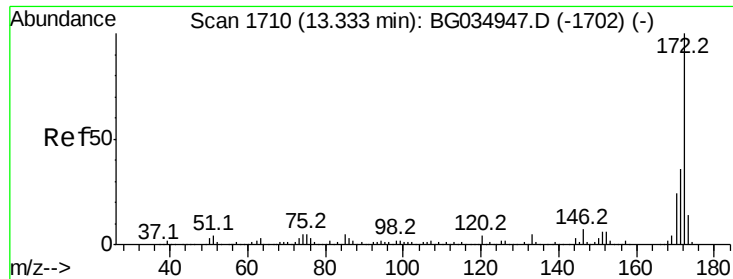
Tot Ion:164 Resp: 148130
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 47.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 180.339 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Tgt Ion:330 Resp: 341969
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.3 25.2 37.8

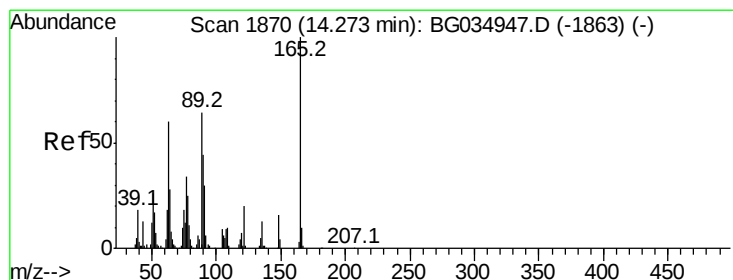
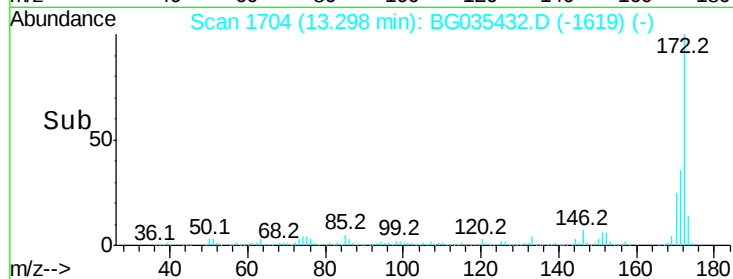
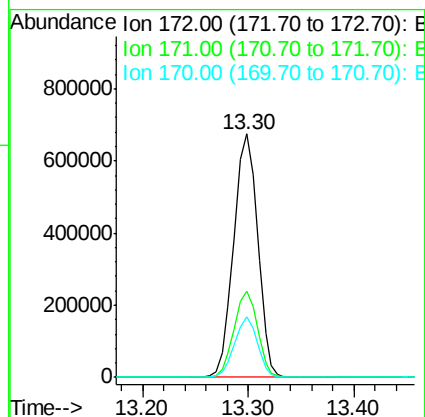
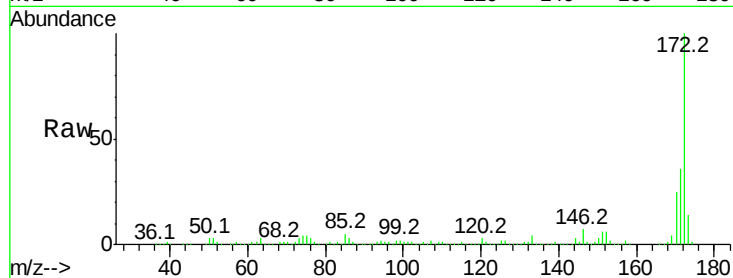




#44
 2-Fluorobiphenyl
 Concen: 93.013 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

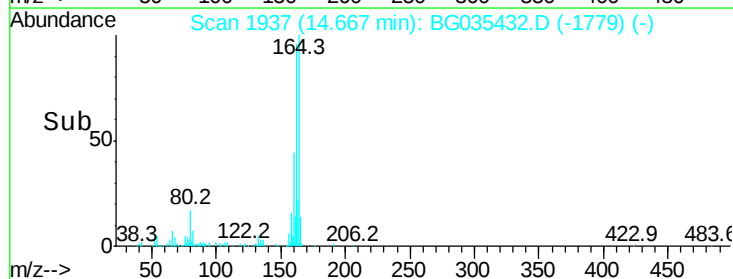
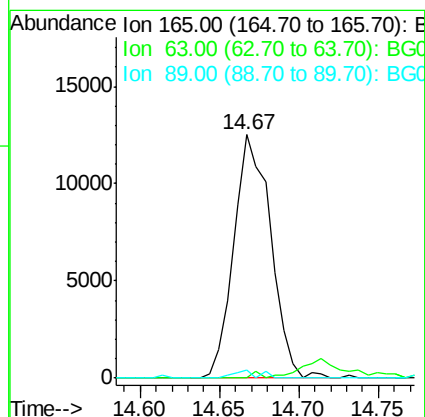
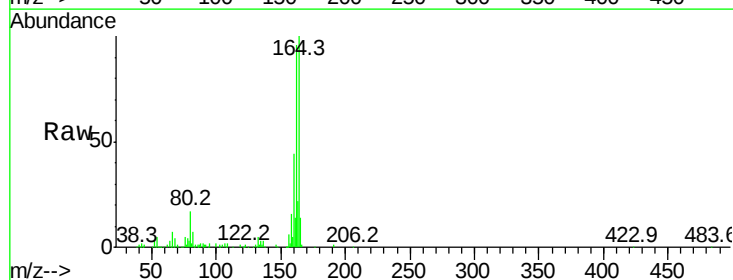
Instrument :
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 ClientSampleId :

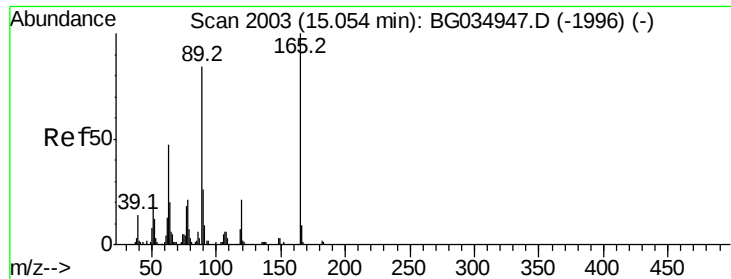
Tot Ion:172 Resp: 1059850
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 24.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.567 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

Tgt Ion:165 Resp: 20188
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.3 49.2 73.8#

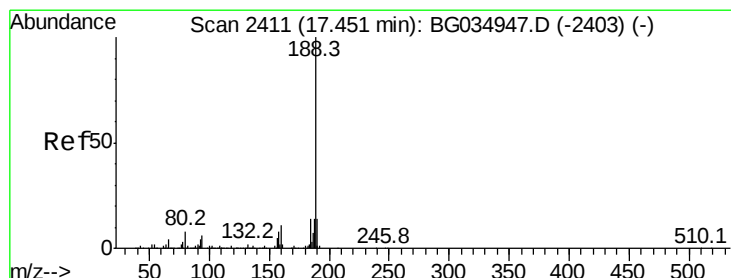
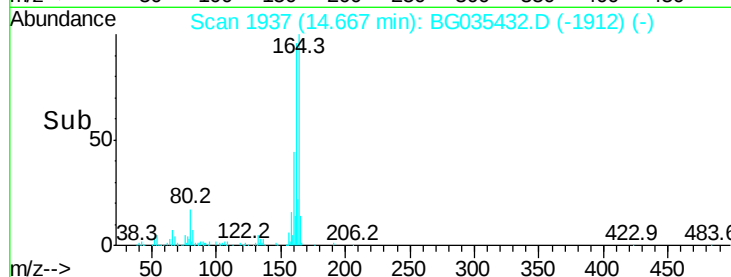
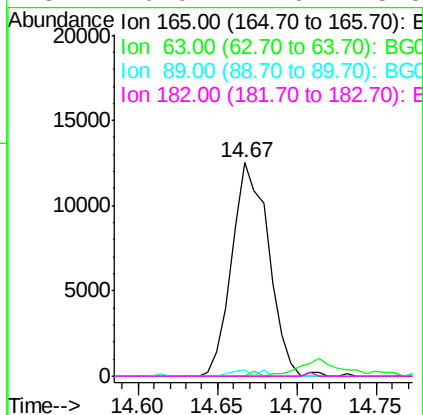
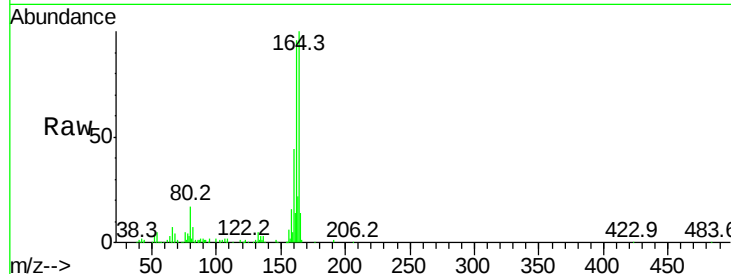




#56
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

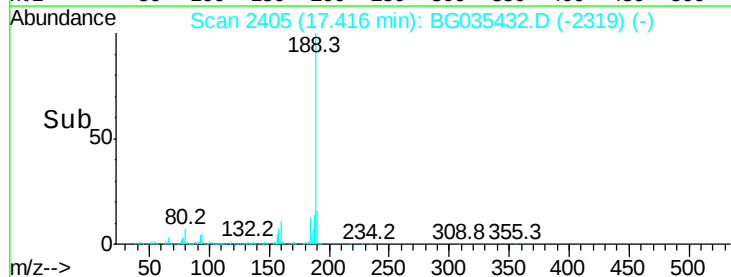
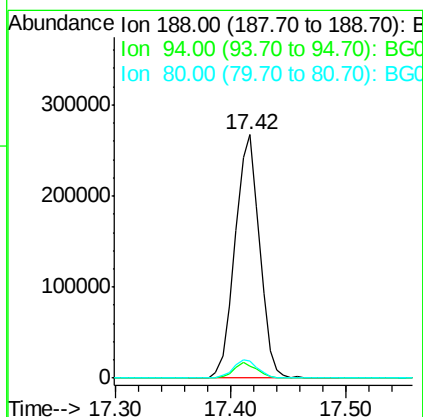
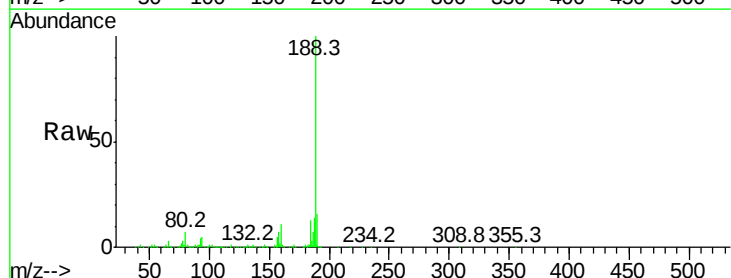
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 20188
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.3 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Tgt Ion:188 Resp: 392659
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.8 7.7 11.5#

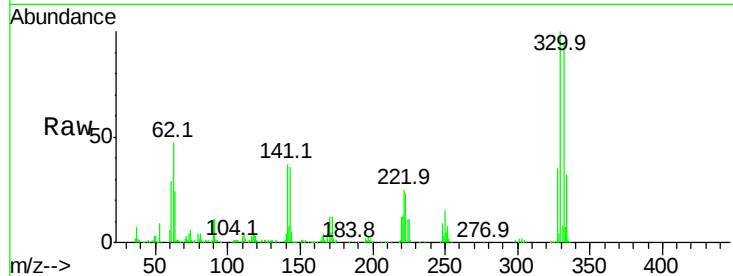




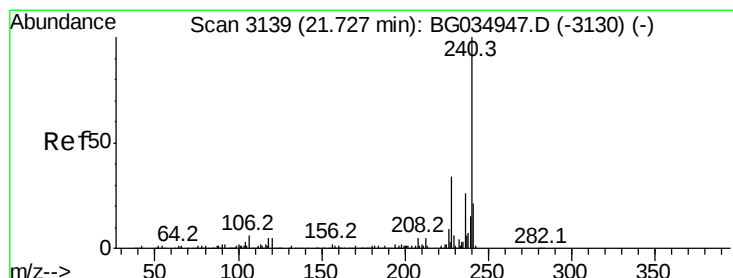
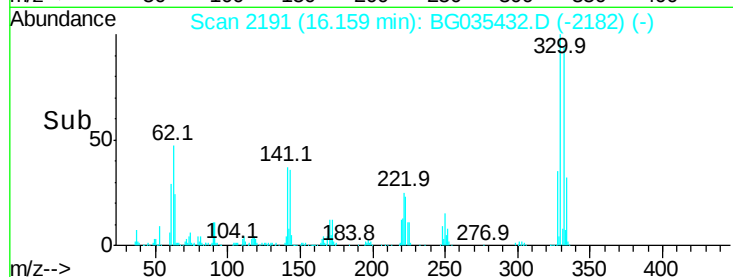
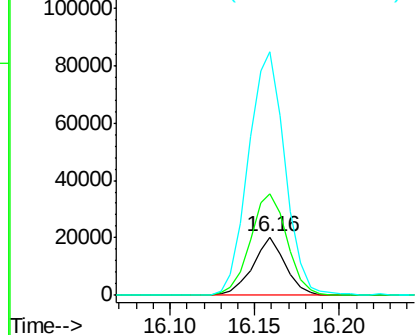
#66
4-Bromophenyl-phenylether
Concen: 5.783 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 27346
Ion Ratio Lower Upper
248 100
250 174.6 77.1 115.7#
141 417.3 50.8 76.2#

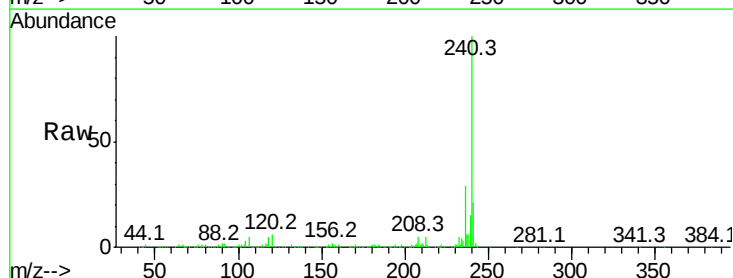


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

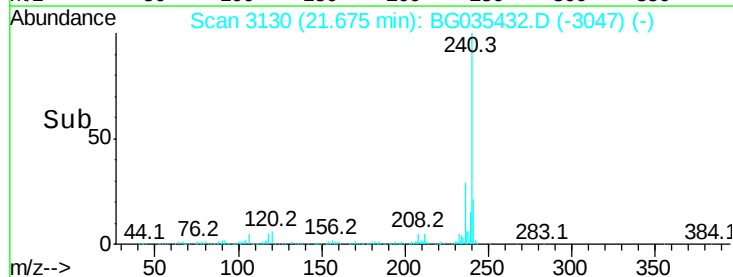
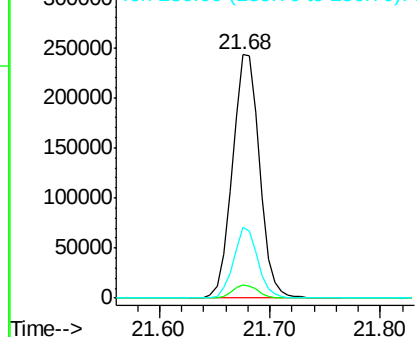


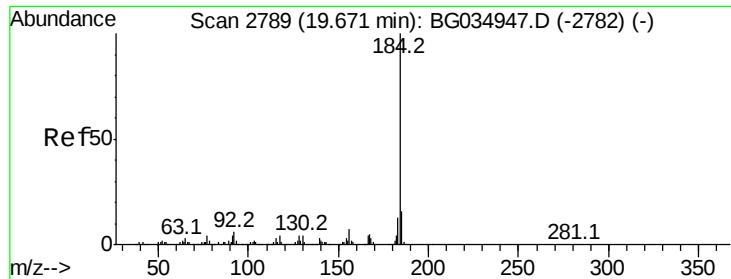
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.04 min
Lab File: BG035432.D
Acq: 27 Jun 2018 5:57

Tgt Ion:240 Resp: 419007
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 29.1 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: 2.096 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampleId :

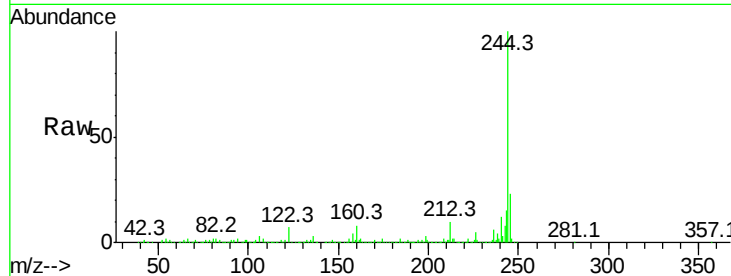
Tot Ion:184 Resp: 32678

Ion Ratio Lower Upper

184 100

185 20.2 11.1 16.7#

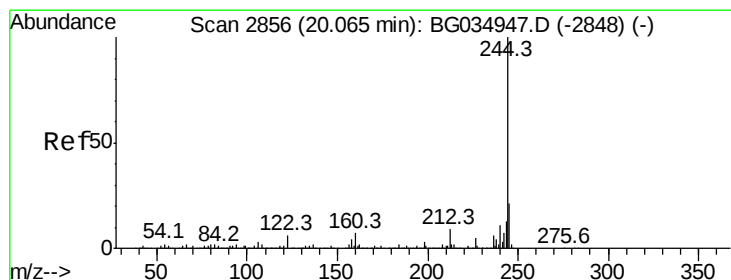
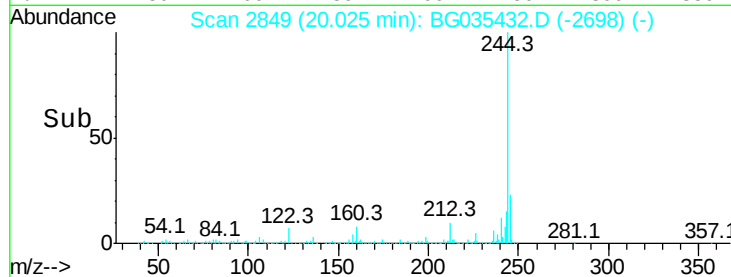
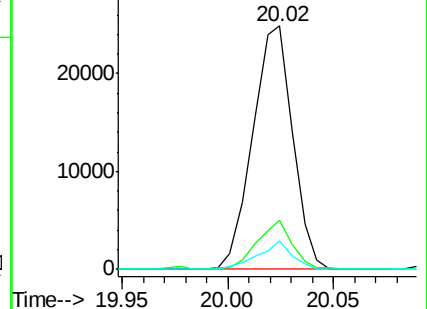
183 11.7 10.6 16.0



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: 95.250 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

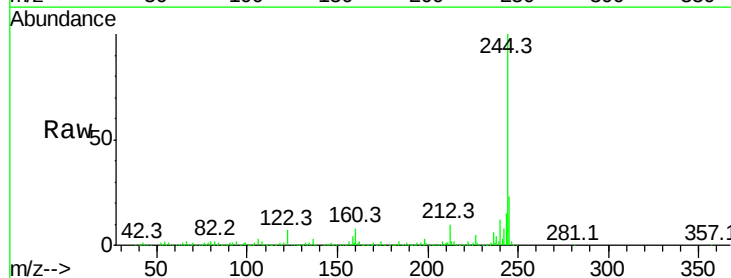
Tgt Ion:244 Resp: 1905336

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

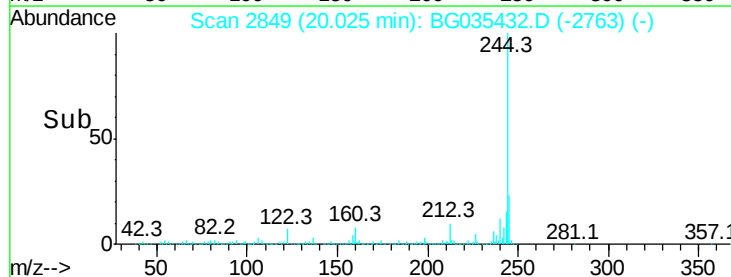
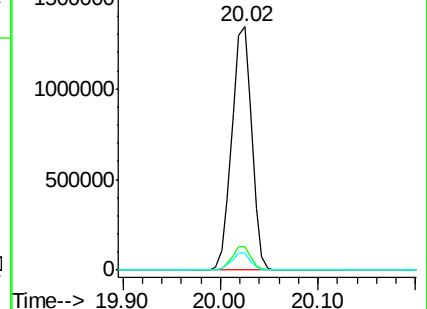
122 6.9 7.0 10.4#

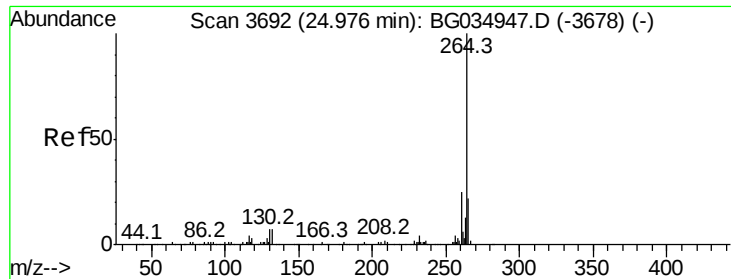


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

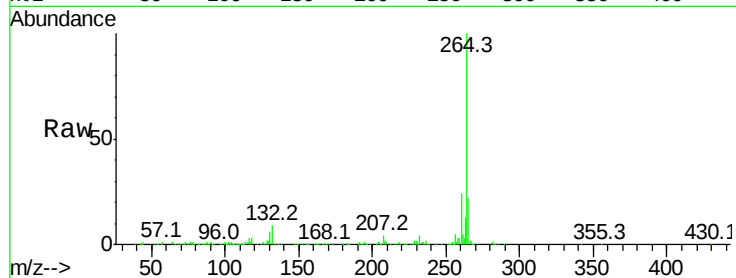




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	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

