

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032835.D
 Acq On : 27 Feb 2018 00:03
 Operator : SJ/JU
 Sample : J1691-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 03:38:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

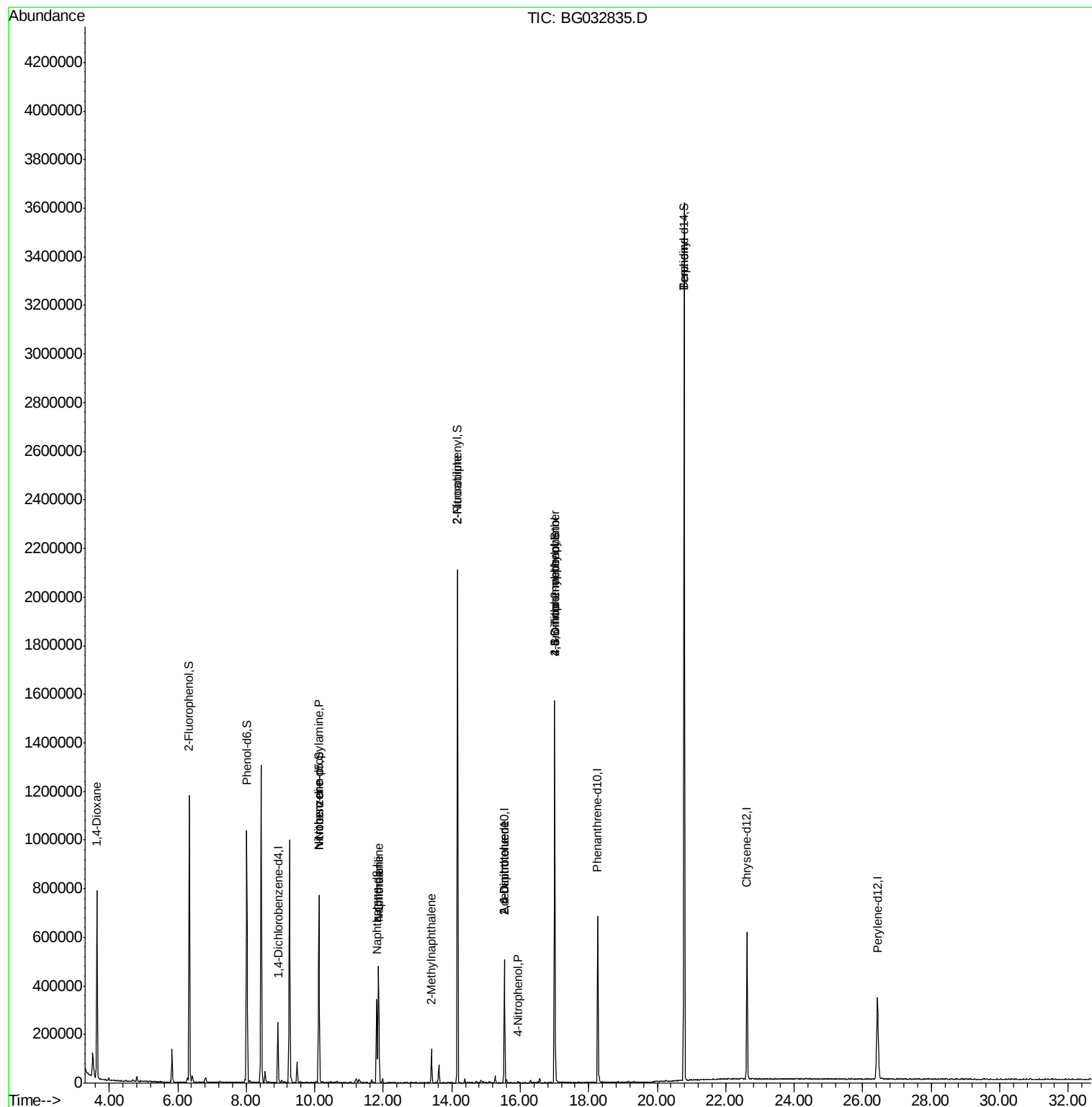
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74753	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	315998	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	177773	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	410737	20.00	ng	0.00
75) Chrysene-d12	22.62	240	390532	20.00	ng	-0.01
86) Perylene-d12	26.43	264	400949	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	570279	122.05	ng	0.00
7) Phenol-d6	8.02	99	663072	101.81	ng	0.00
23) Nitrobenzene-d5	10.12	82	497067	106.34	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	285822	152.91	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1095917	88.91	ng	0.00
78) Terphenyl-d14	20.79	244	1669472	96.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	7758	3.83	ng	# 1
19) n-Nitroso-di-n-propylamine	10.12	70	63594	13.83	ng	# 81
24) Nitrobenzene	10.13	77	1719	6.68	ng	# 40
31) Naphthalene	11.86	128	446792	27.06	ng	# 99
33) 4-Chloroaniline	11.86	127	61652	8.35	ng	# 32
37) 2-Methylnaphthalene	13.41	142	68036	5.70	ng	# 91
47) 2-Nitroaniline	14.17	65	1916	10.36	ng	# 19
50) 2,6-Dinitrotoluene	15.54	165	23137	16.44	ng	# 20
55) 4-Nitrophenol	15.92	139	1823	7.75	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	23137	14.64	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	775	5.75	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	20588	4.74	ng	# 1
76) Benzidine	20.78	184	28634	2.15	ng	# 91

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032835.D
Acq On : 27 Feb 2018 00:03
Operator : SJ/JU
Sample : J1691-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 27 03:38:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampled :

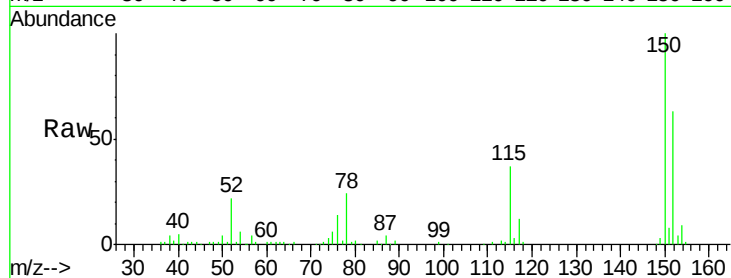
Tot Ion:152 Resp: 74753

Ion Ratio Lower Upper

152 100

150 159.1 126.6 189.8

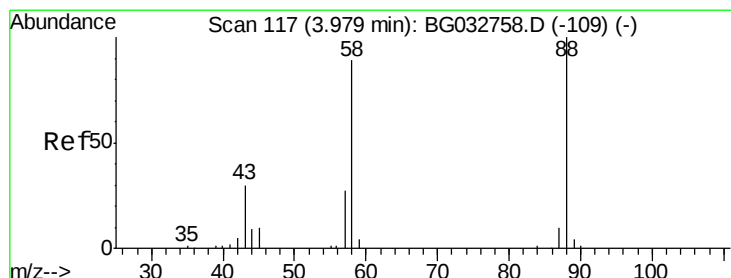
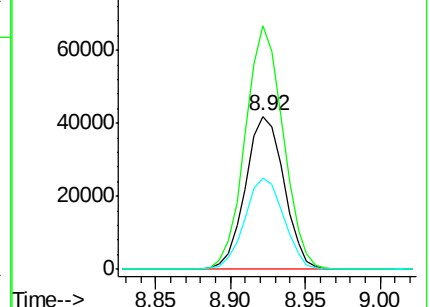
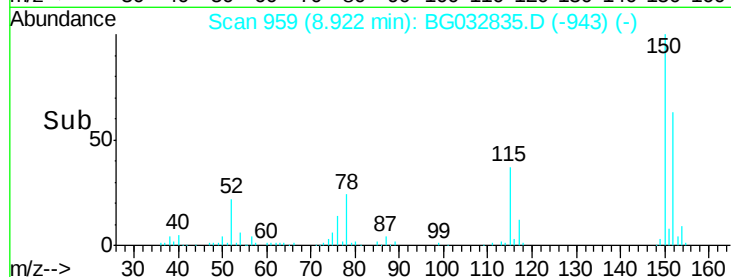
115 59.6 53.0 79.4



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



#2

1,4-Dioxane

Concen: 3.83 ng

RT: 3.64 min Scan# 60

Delta R.T. -0.33 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

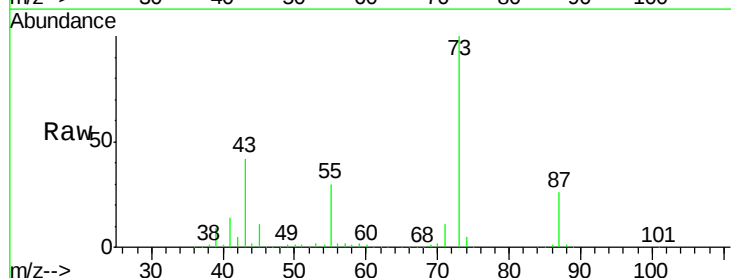
Tgt Ion: 88 Resp: 7758

Ion Ratio Lower Upper

88 100

58 27.7 79.6 119.4#

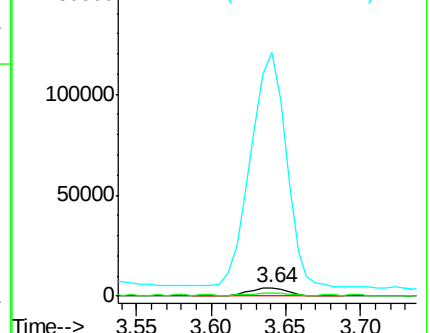
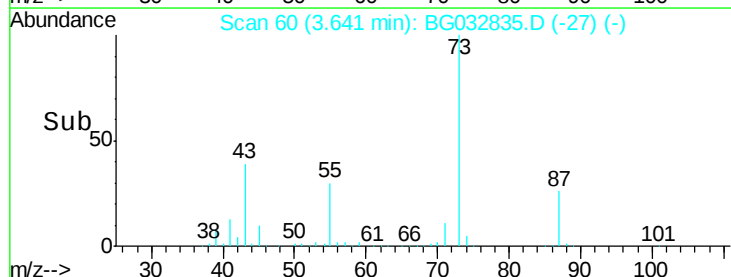
43 2544.9 27.4 41.0#

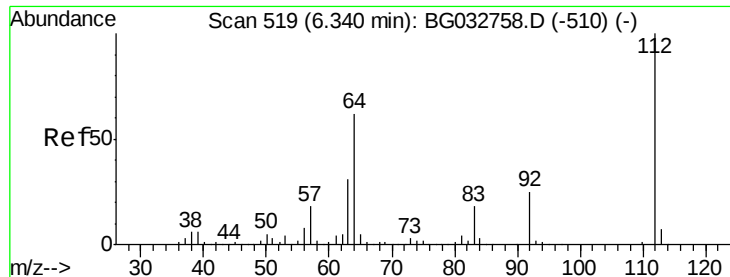


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 122.05 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :
BNA_G
ClientSampled :

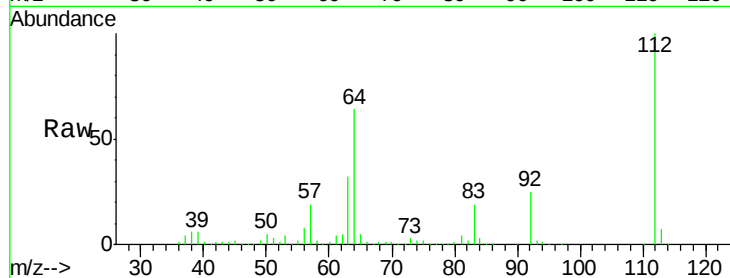
Tot Ion:112 Resp: 570279

Ion Ratio Lower Upper

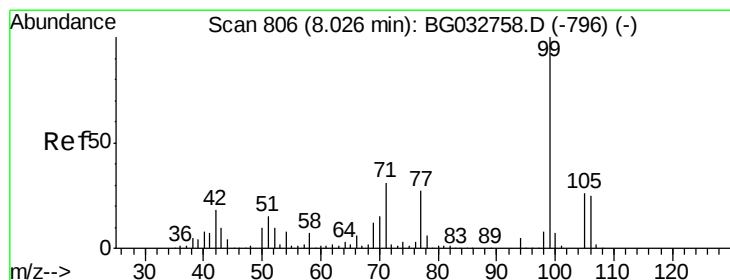
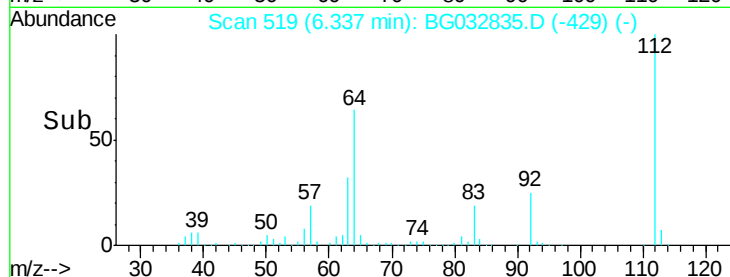
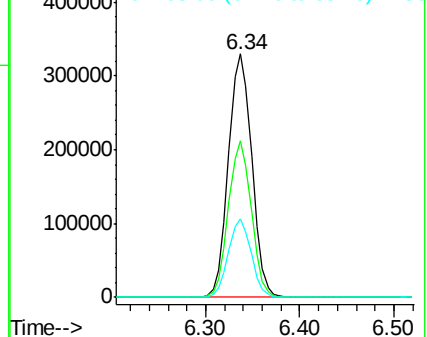
112 100

64 64.4 56.3 84.5

63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 101.81 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

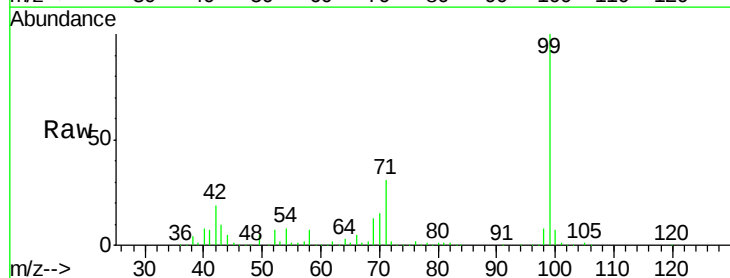
Tgt Ion: 99 Resp: 663072

Ion Ratio Lower Upper

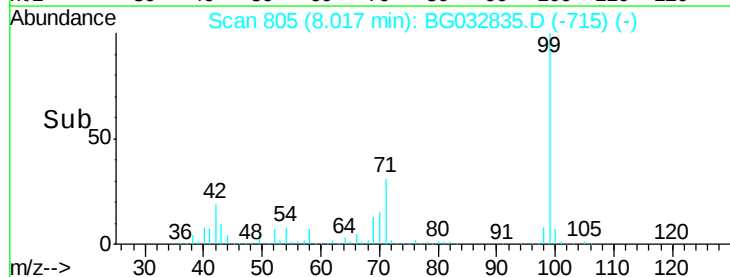
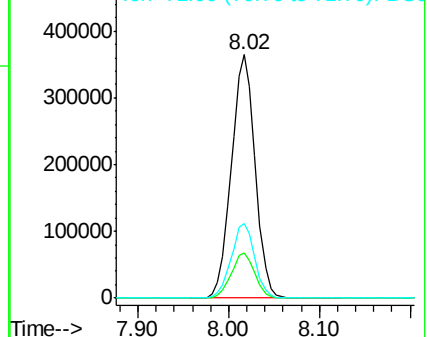
99 100

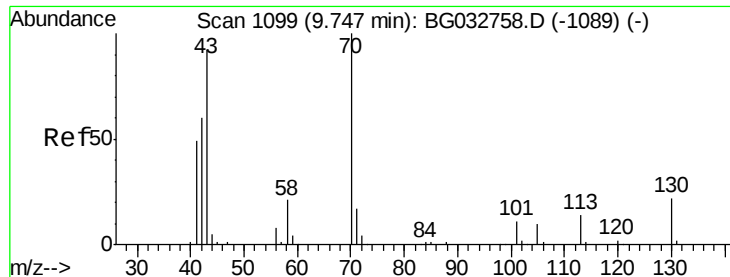
42 18.7 14.1 21.1

71 30.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

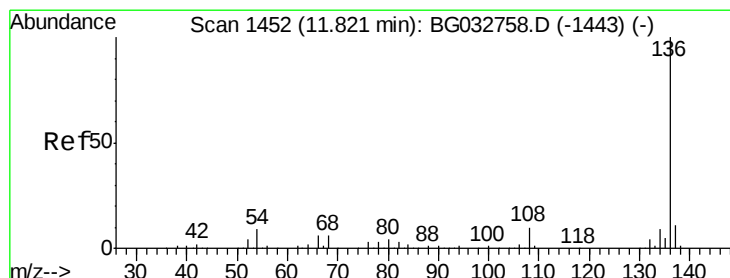
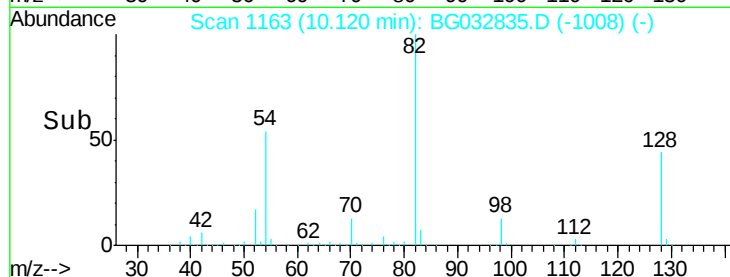
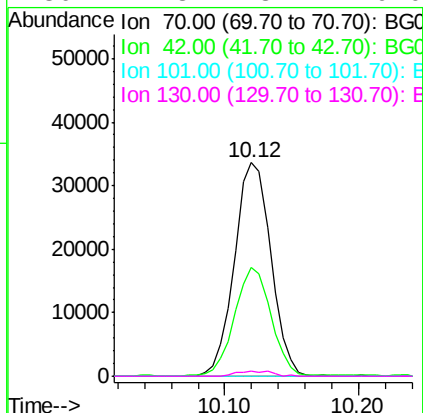
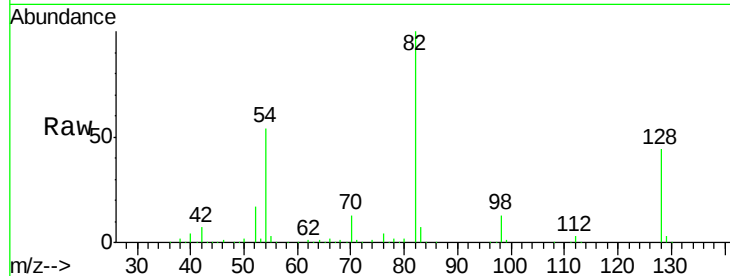




#19
n-Nitroso-di-n-propylamine
Concen: 13.83 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

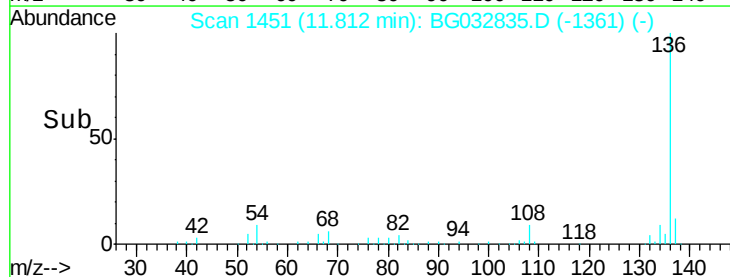
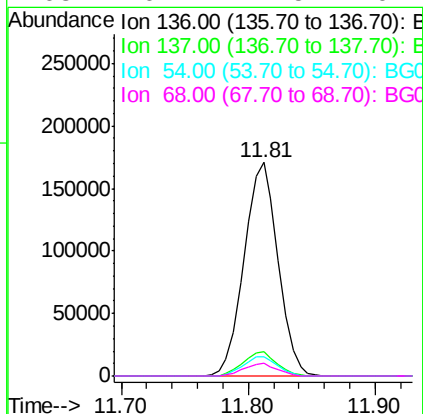
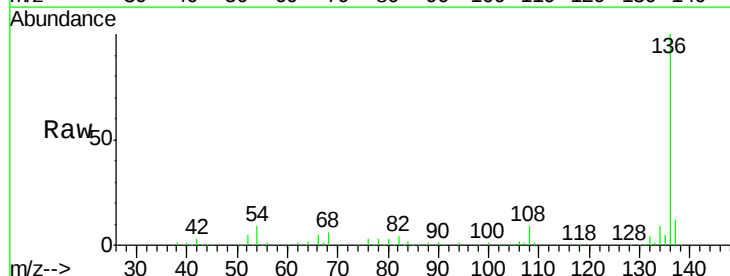
Instrument :
BNA_G
ClientSampleId :

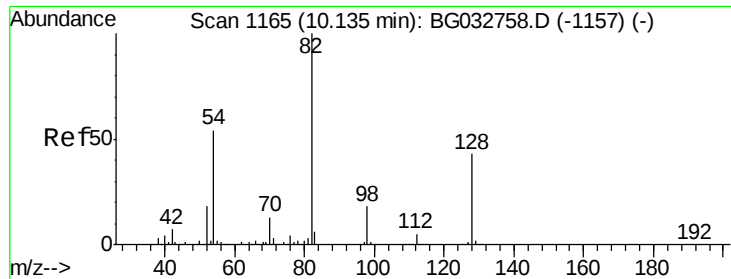
Tot Ion: 70 Resp: 63594
Ion Ratio Lower Upper
70 100
42 50.9 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion: 136 Resp: 315998
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.2 10.3 15.5#
68 6.2 4.5 6.7

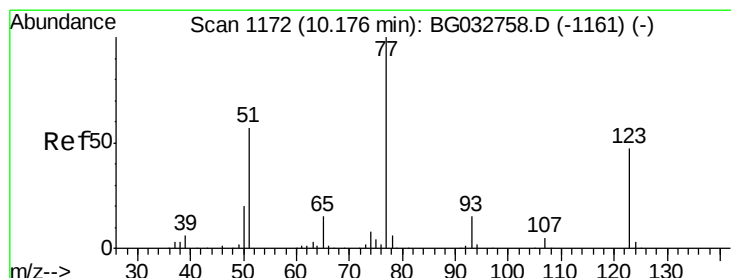
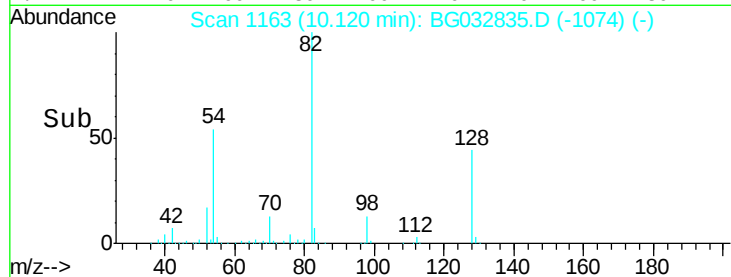
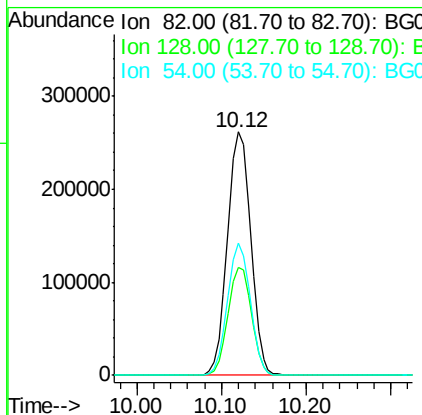
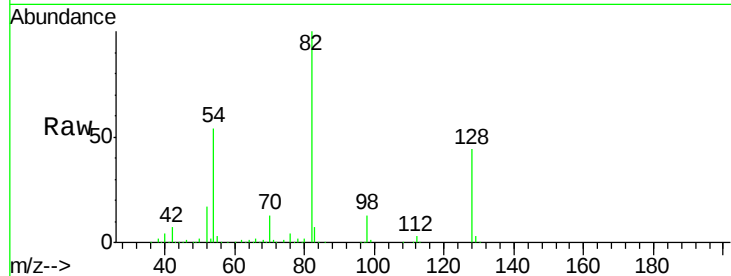




#23
 Nitrobenzene-d5
 Concen: 106.34 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032835.D
 Acq: 27 Feb 2018 00:03

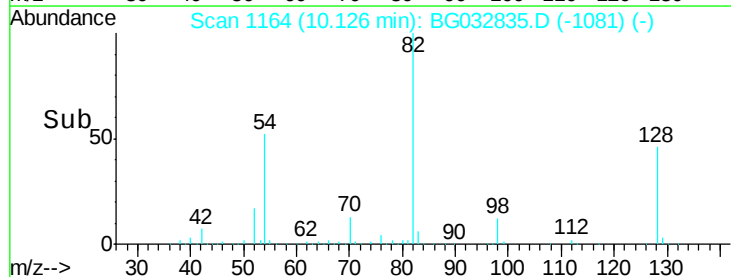
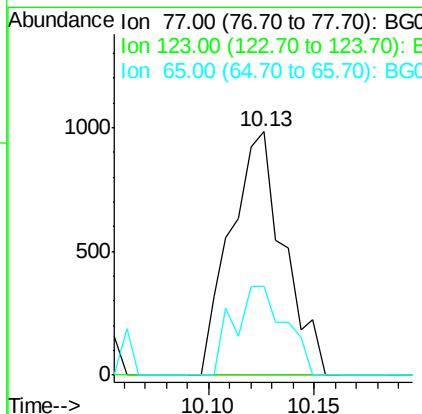
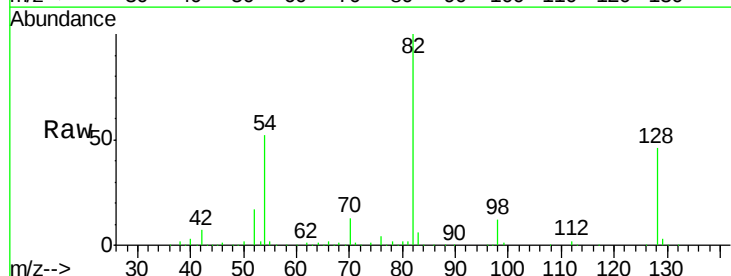
Instrument :
 BNA_G
 ClientSampleId :

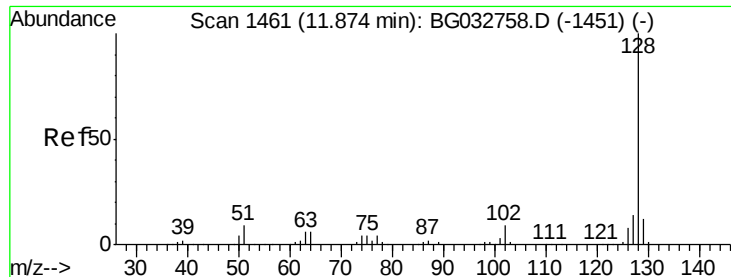
Tot Ion	82	Resp	497067
Ion Ratio	100	Lower	Upper
128	44.3	29.7	44.5
54	54.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.68 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.04 min
 Lab File: BG032835.D
 Acq: 27 Feb 2018 00:03

Tgt Ion	77	Resp	1719
Ion Ratio	100	Lower	Upper
123	0.0	33.0	49.6#
65	36.3	13.0	19.6#

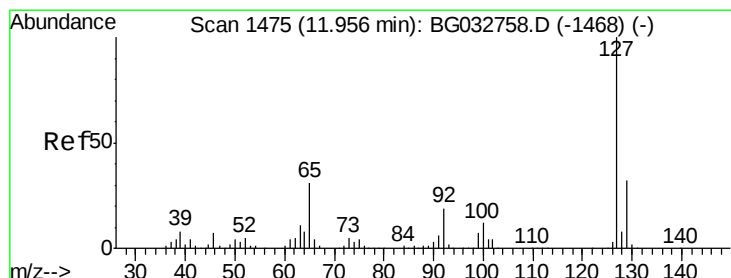
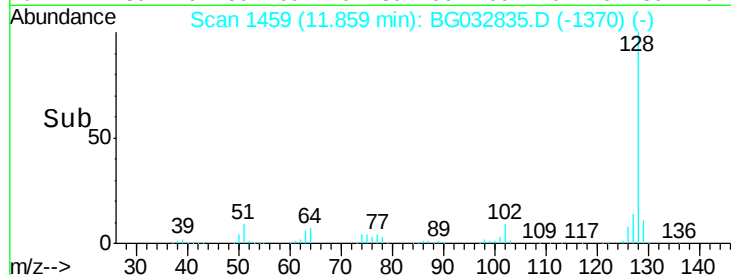
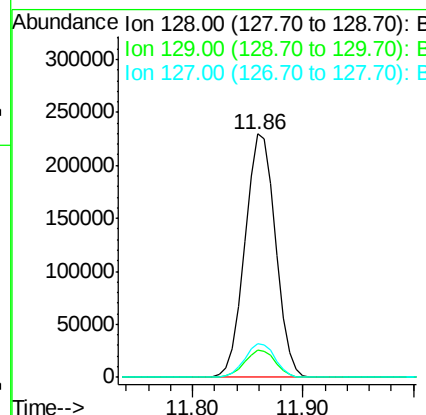
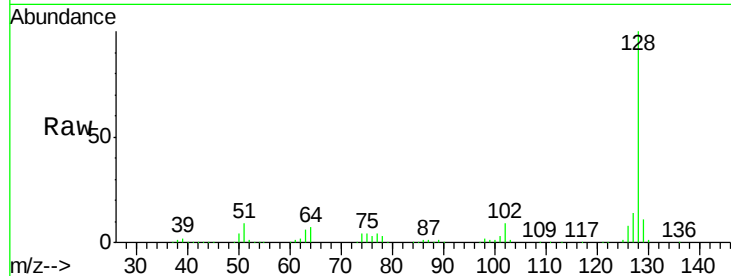




#31
Naphthalene
Concen: 27.06 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

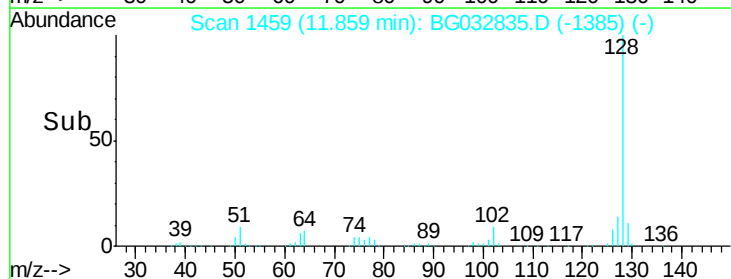
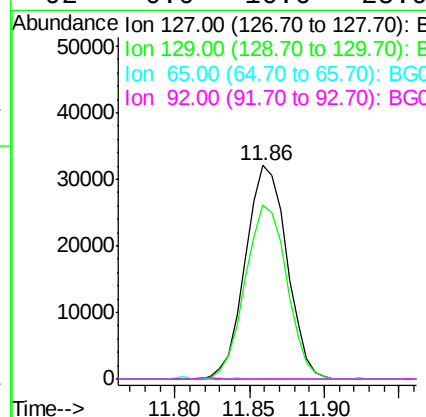
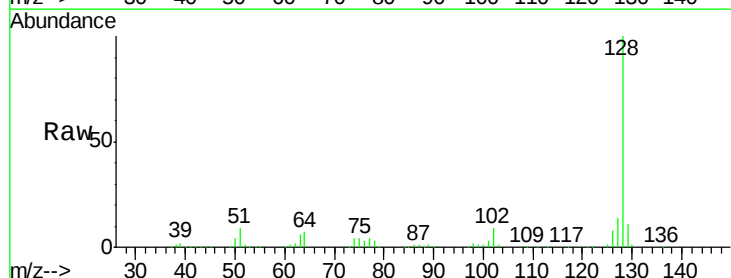
Instrument :
BNA_G
ClientSampleId :

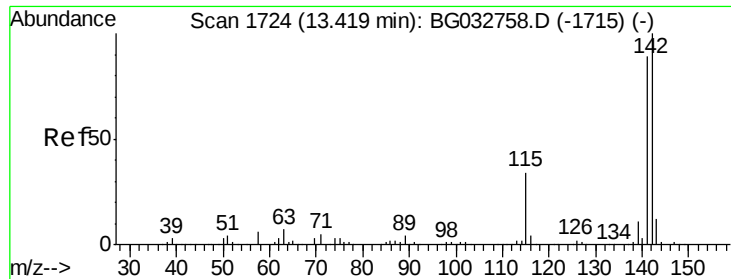
Tot Ion:128 Resp: 446792
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.0 11.6 17.4



#33
4-Chloroaniline
Concen: 8.35 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.09 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:127 Resp: 61652
Ion Ratio Lower Upper
127 100
129 81.2 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

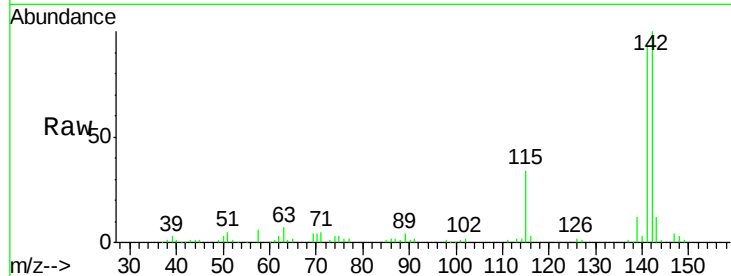




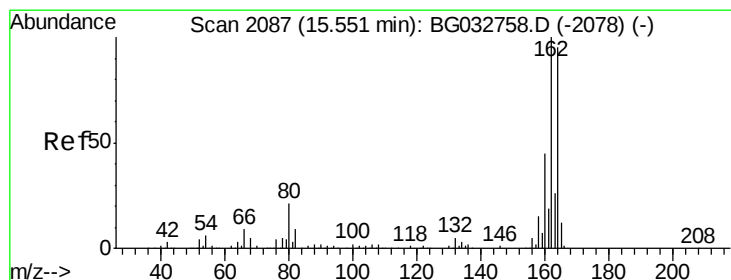
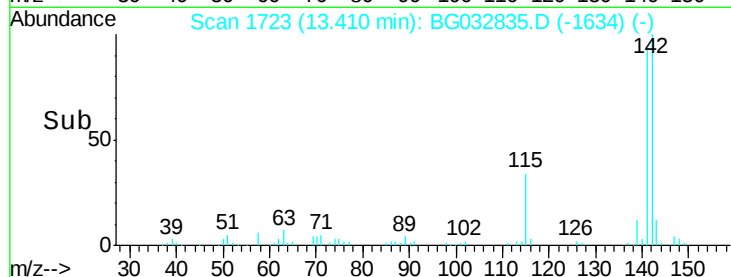
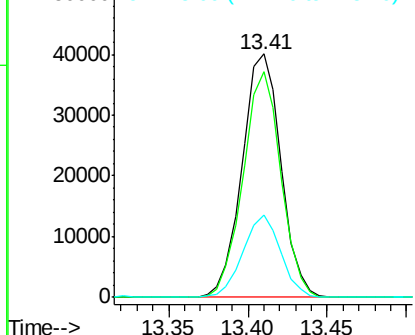
#37
2-Methylnaphthalene
Concen: 5.70 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 68036
Ion Ratio Lower Upper
142 100
141 92.7 67.1 100.7
115 33.8 30.7 46.1

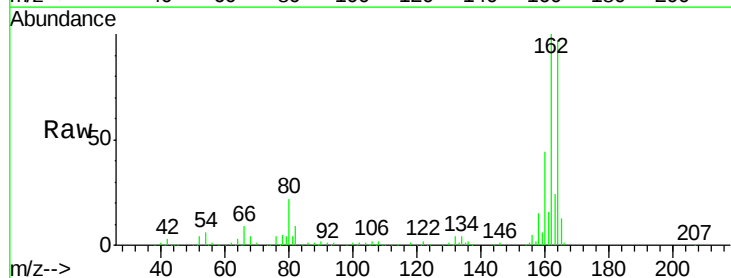


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

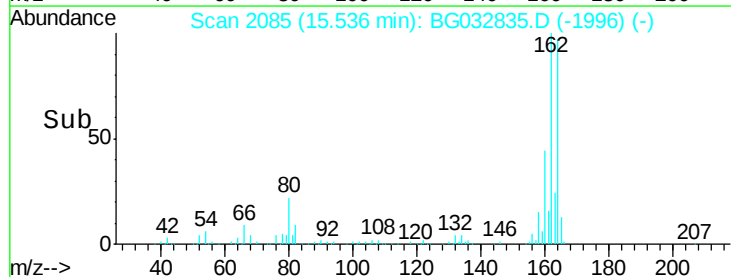
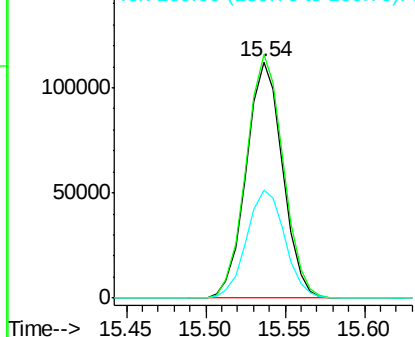


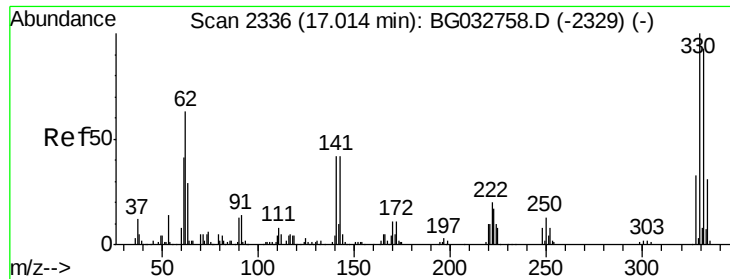
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:164 Resp: 177773
Ion Ratio Lower Upper
164 100
162 103.1 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

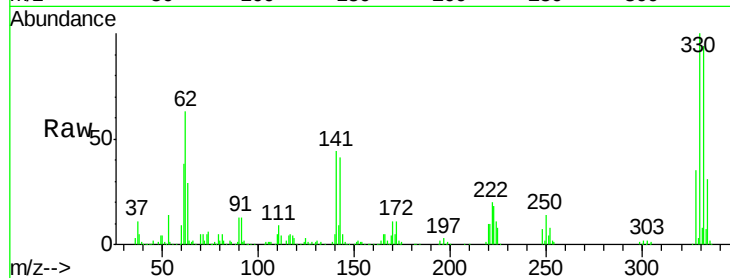




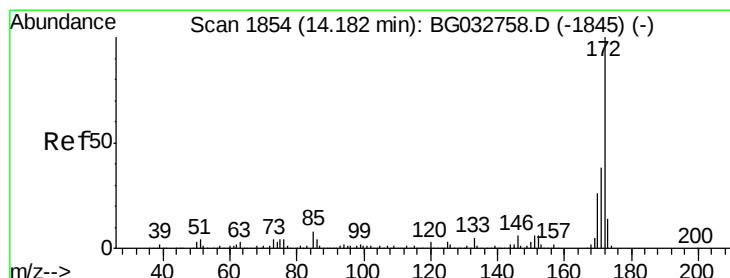
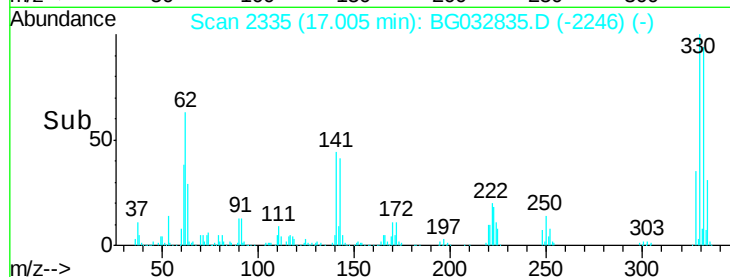
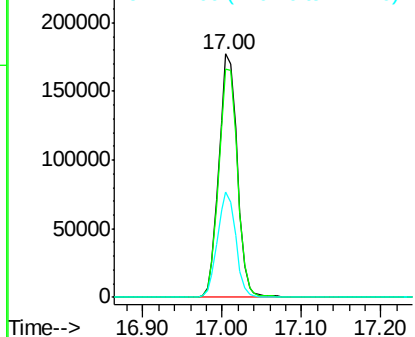
#41
 2,4,6-Tribromophenol
 Concen: 152.91 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032835.D
 Acq: 27 Feb 2018 00:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 285822
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 43.1 25.2 37.8#

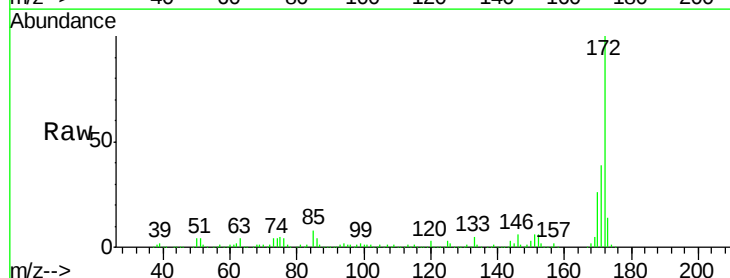


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

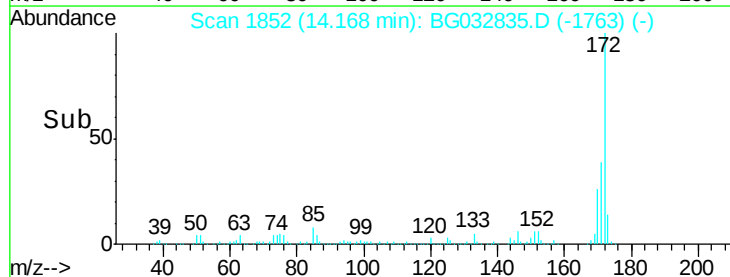
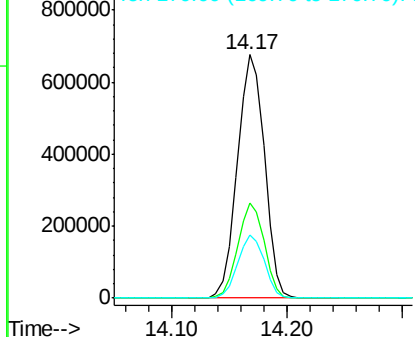


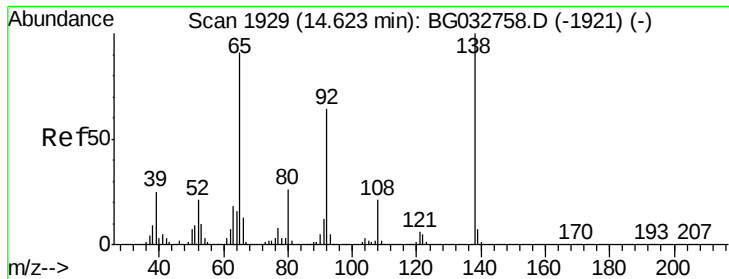
#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032835.D
 Acq: 27 Feb 2018 00:03

Tgt Ion:172 Resp: 1095917
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

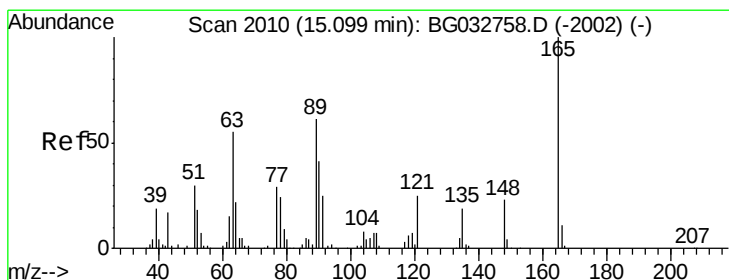
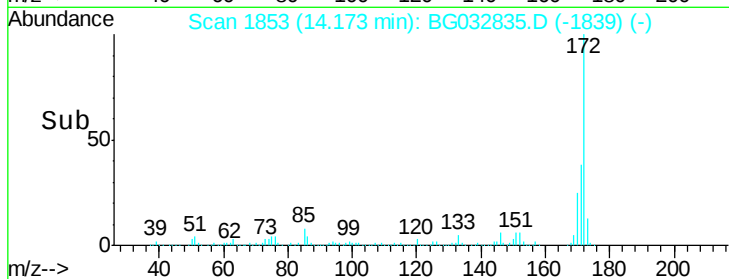
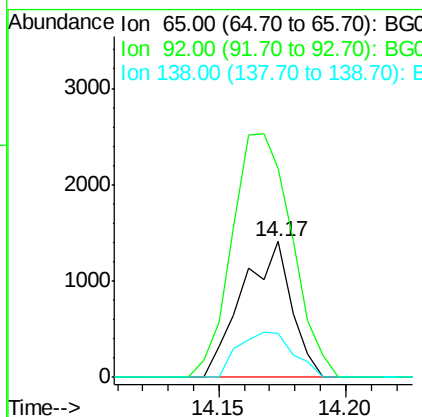
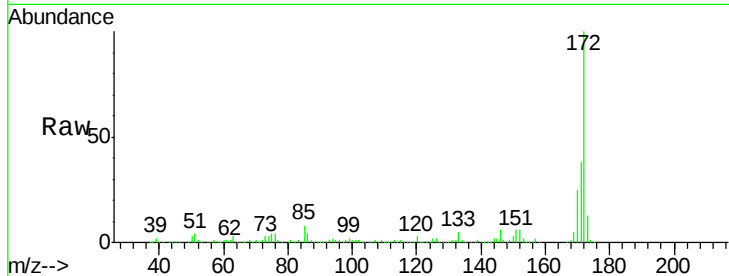




#47
2-Nitroaniline
Concen: 10.36 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

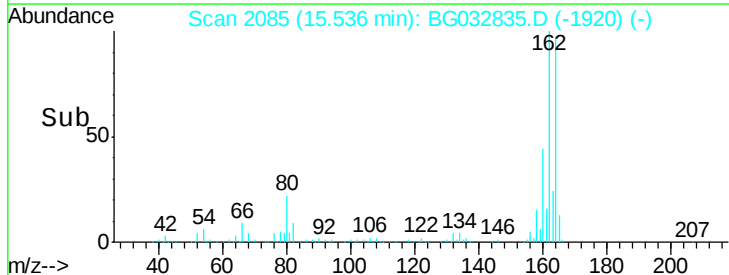
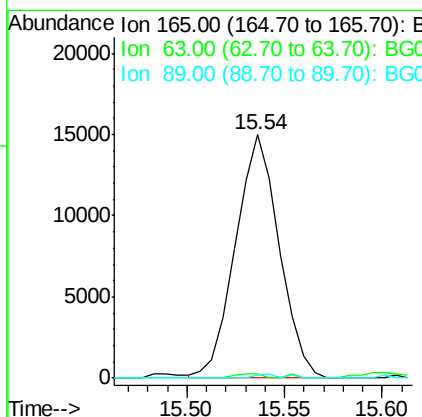
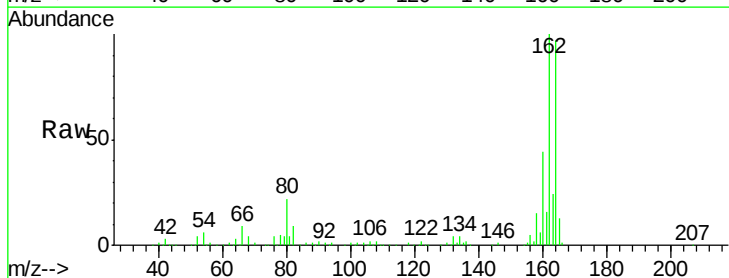
Instrument :
BNA_G
ClientSampleId :

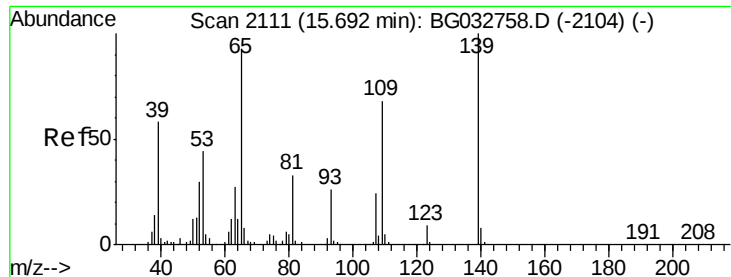
Tot Ion: 65 Resp: 1916
Ion Ratio Lower Upper
65 100
92 153.8 54.6 82.0#
138 32.1 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.44 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:165 Resp: 23137
Ion Ratio Lower Upper
165 100
63 2.0 52.7 79.1#
89 1.0 49.2 73.8#

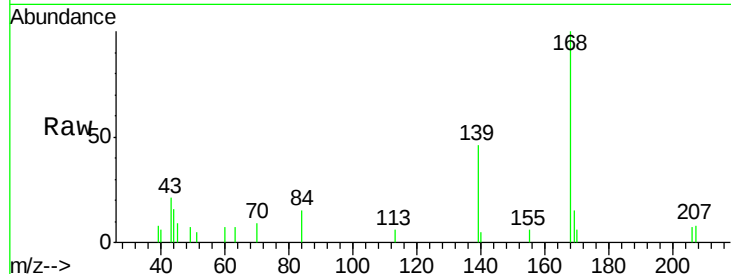




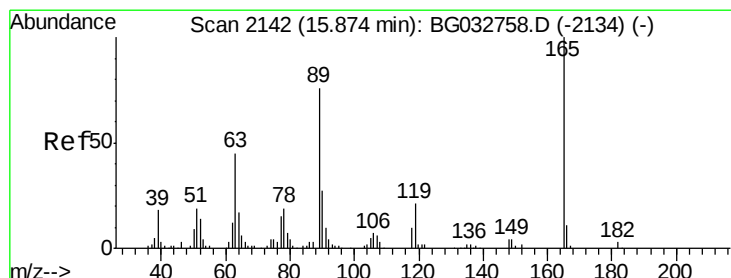
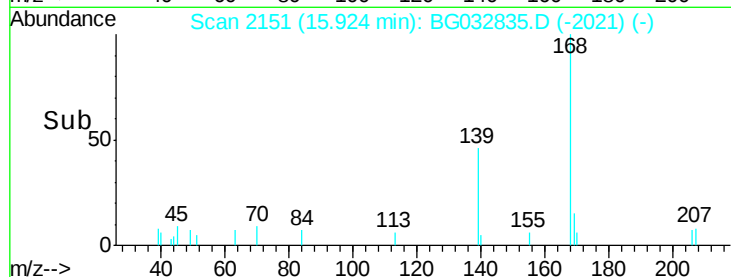
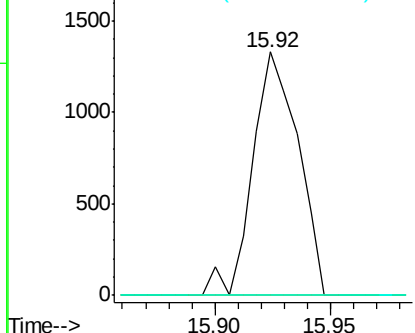
#55
4-Nitrophenol
Concen: 7.75 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 1823
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

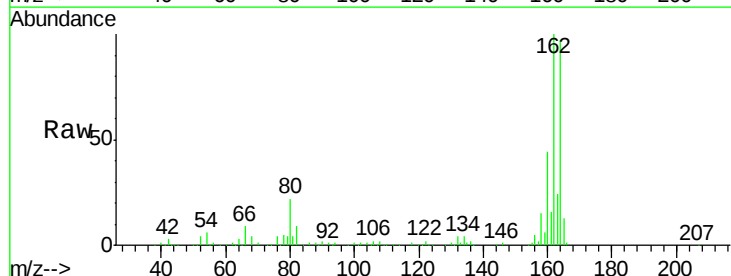


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

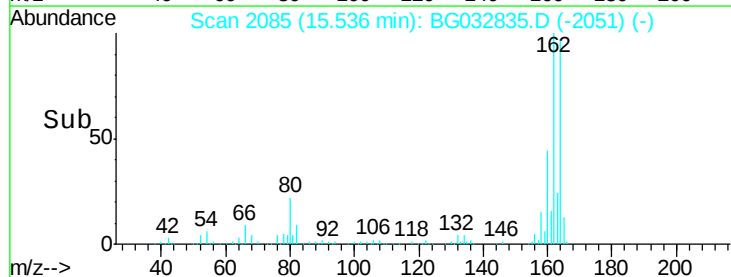
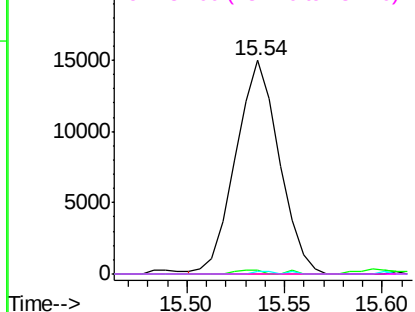


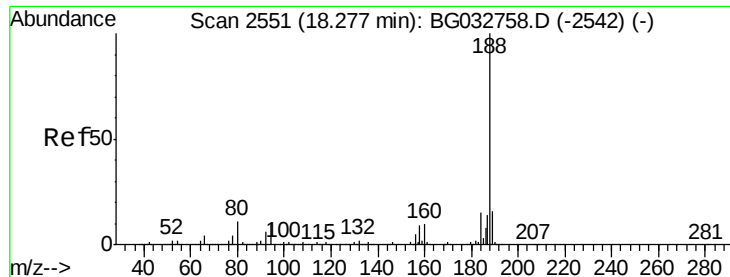
#56
2,4-Dinitrotoluene
Concen: 14.64 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.33 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:165 Resp: 23137
Ion Ratio Lower Upper
165 100
63 2.0 42.0 63.0#
89 1.0 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): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

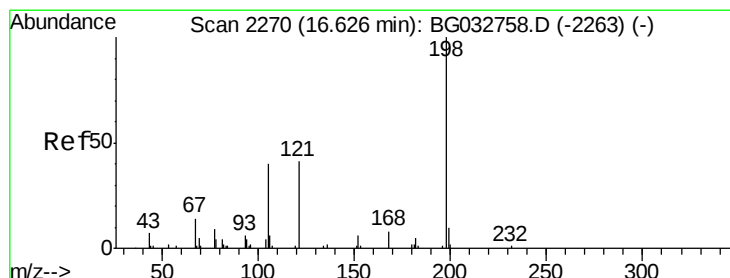
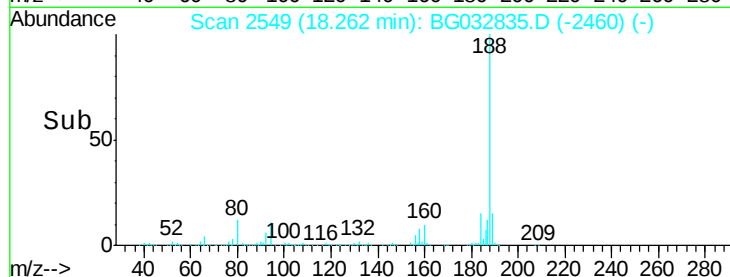
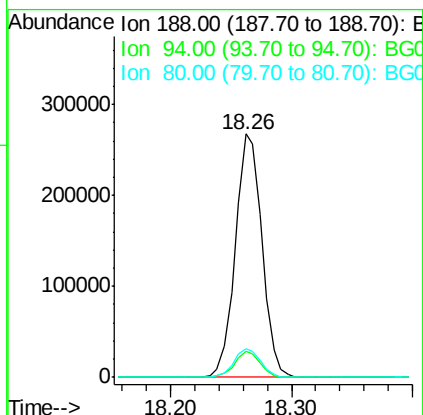
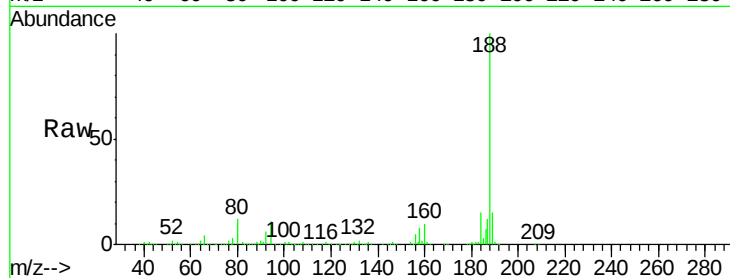




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

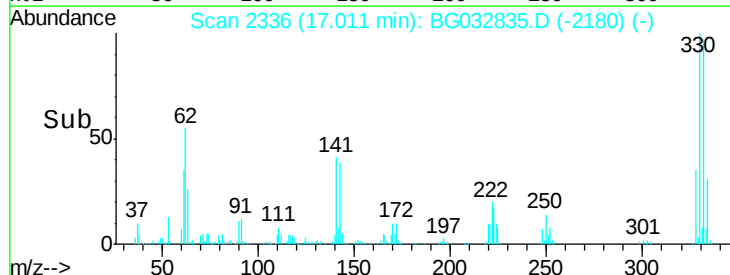
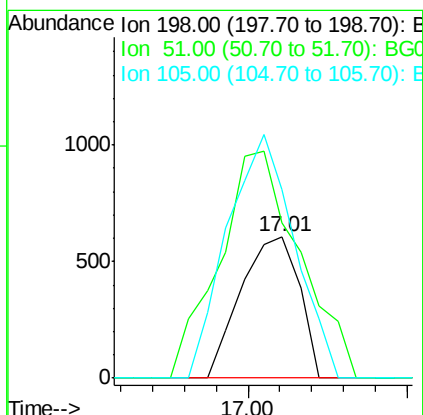
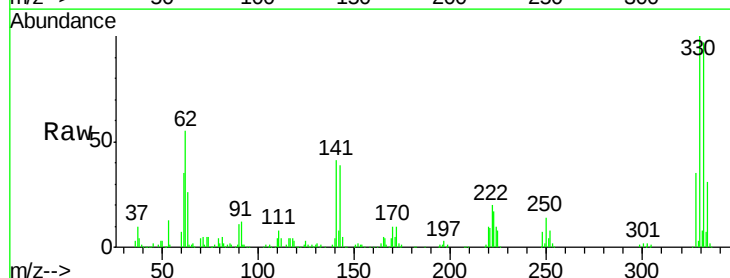
Instrument :
BNA_G
ClientSampleId :

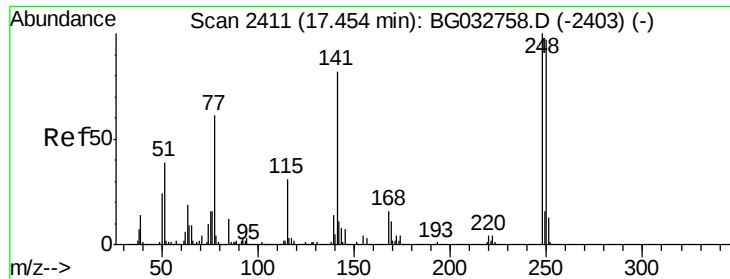
Tot Ion:188 Resp: 410737
Ion Ratio Lower Upper
188 100
94 10.8 6.9 10.3#
80 11.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.75 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.39 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:198 Resp: 775
Ion Ratio Lower Upper
198 100
51 110.0 30.6 70.6#
105 133.1 23.8 63.8#

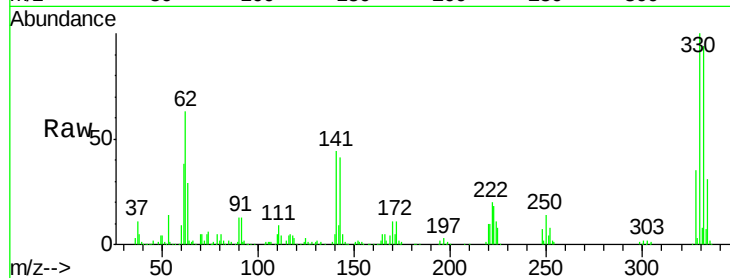




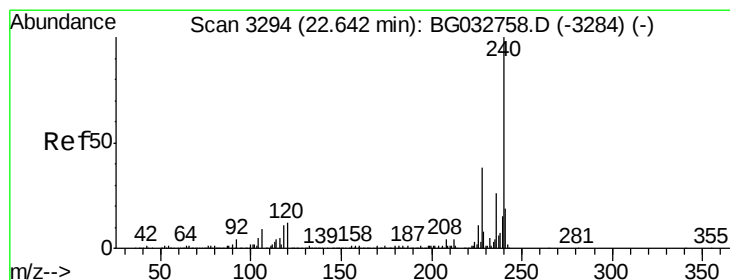
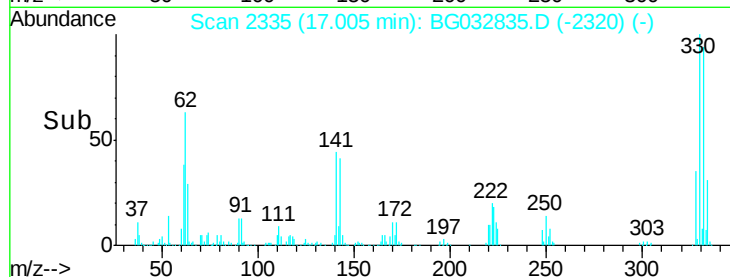
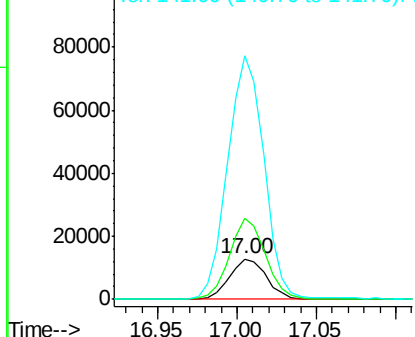
#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.44 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20588
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 601.0 50.8 76.2#

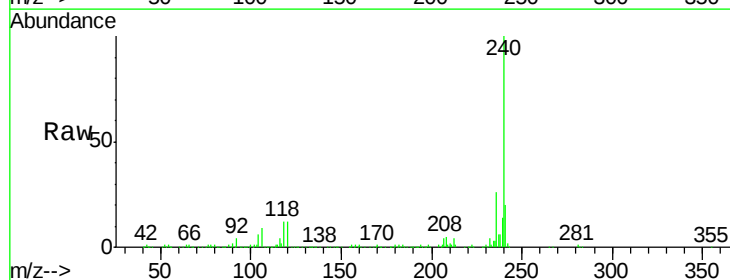


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

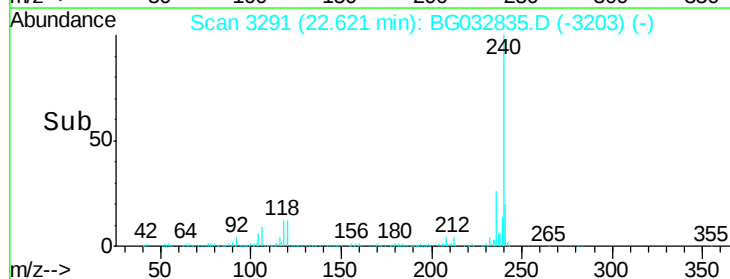
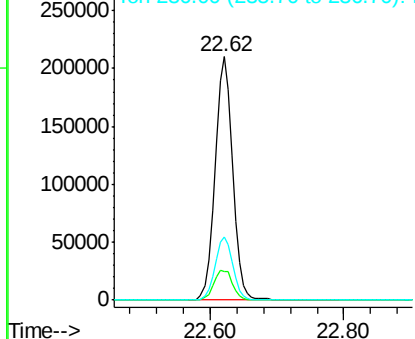


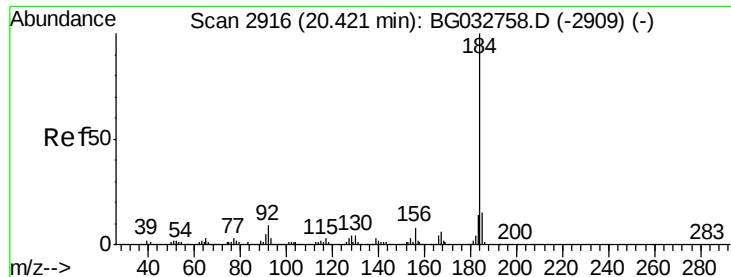
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:240 Resp: 390532
Ion Ratio Lower Upper
240 100
120 12.0 6.8 10.2#
236 25.8 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: 2.15 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.37 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampled :

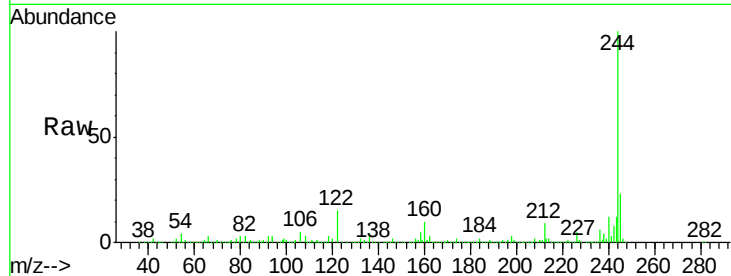
Tot Ion:184 Resp: 28634

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

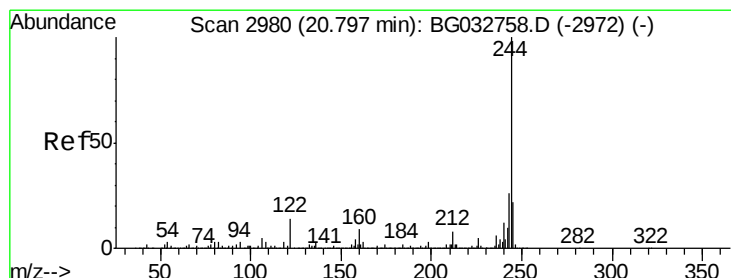
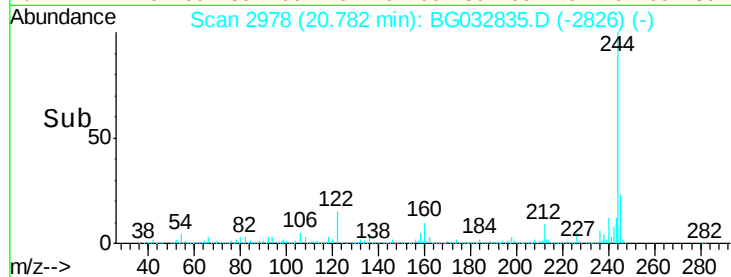
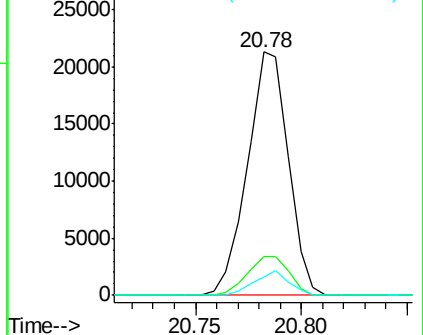
183 7.6 10.6 16.0#



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: 96.04 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

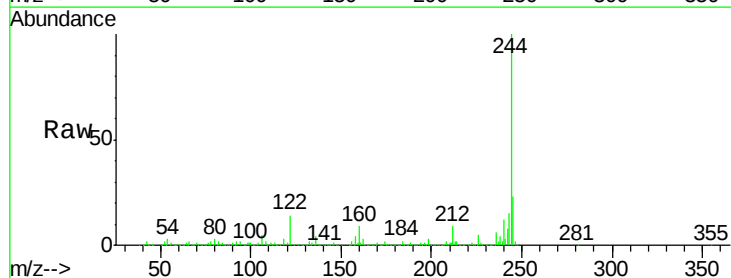
Tgt Ion:244 Resp: 1669472

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

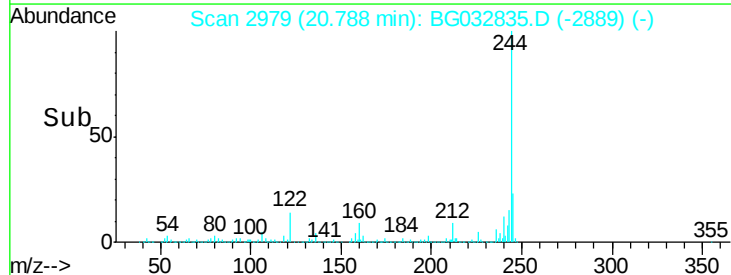
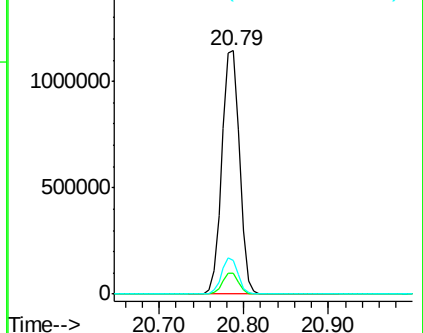
122 13.9 7.0 10.4#

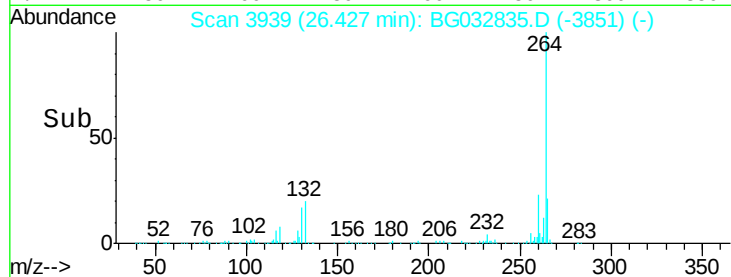
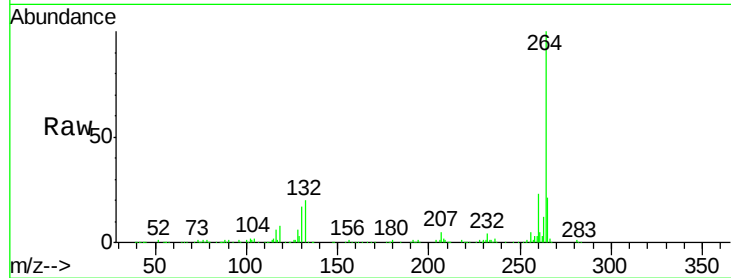
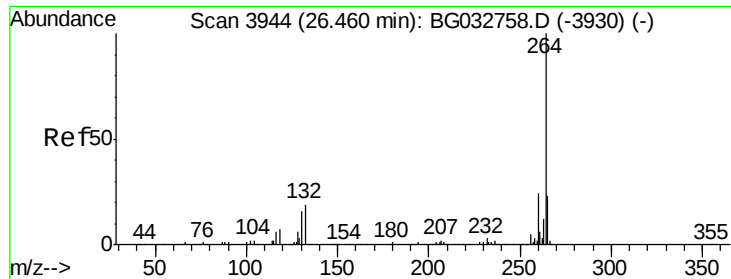


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 400949

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 17.7 26.5

