

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035215.D
 Acq On : 18 Jun 2018 12:40
 Operator : SJ/JU
 Sample : J3505-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

Quant Time: Jun 18 16:20:51 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

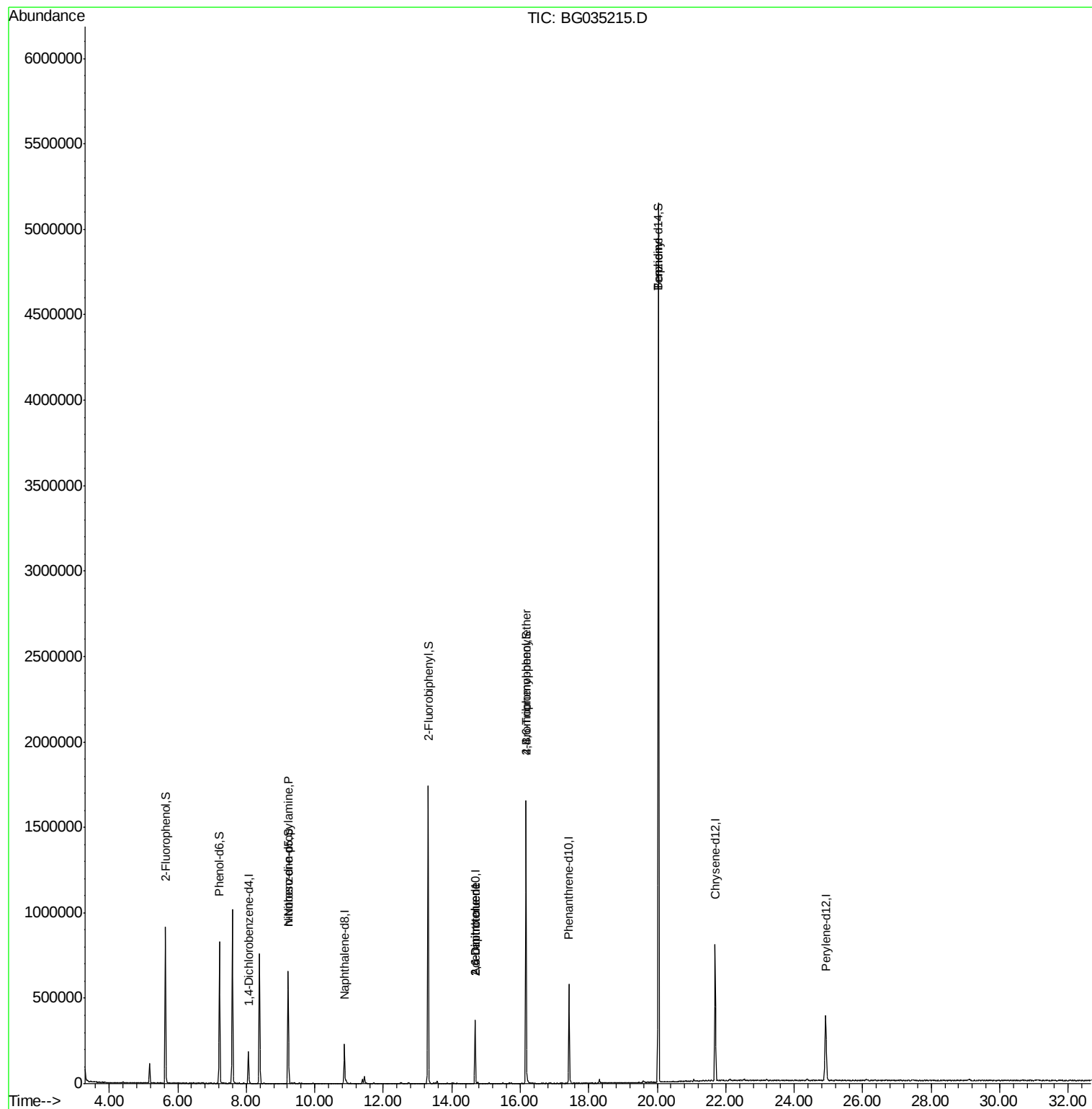
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53360	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	187048	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	130427	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	377084	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	493860	20.00	ng	-0.02
86) Perylene-d12	24.92	264	423735	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406821	128.66	ng	0.00
7) Phenol-d6	7.22	99	507157	108.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	439596	111.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	318507	190.76	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	953960	95.08	ng	-0.02
78) Terphenyl-d14	20.04	244	2399811	101.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	58362	14.720	ng	# 73
50) 2,6-Dinitrotoluene	14.68	165	18241	8.791	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	18241	6.618	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	25270	5.565	ng	# 1
76) Benzidine	20.04	184	44159	2.403	ng	# 93

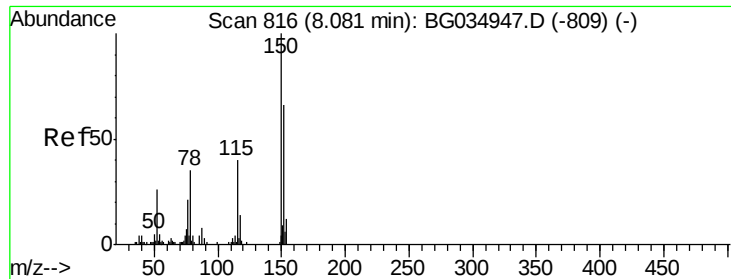
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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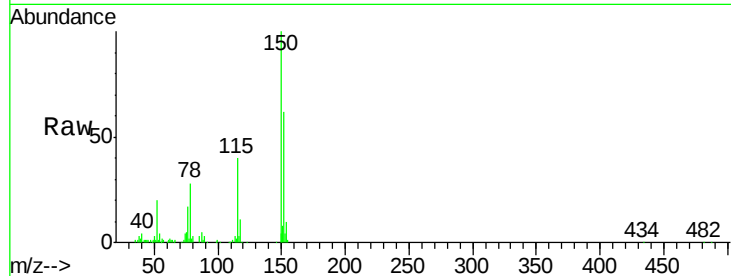


#1

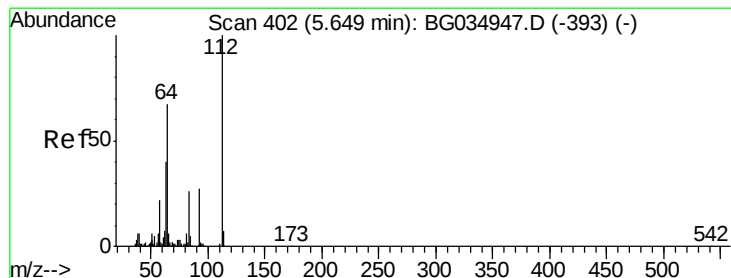
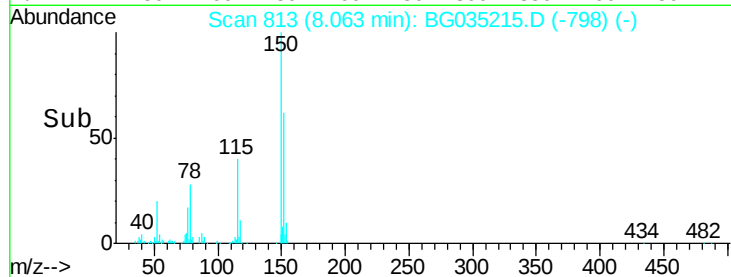
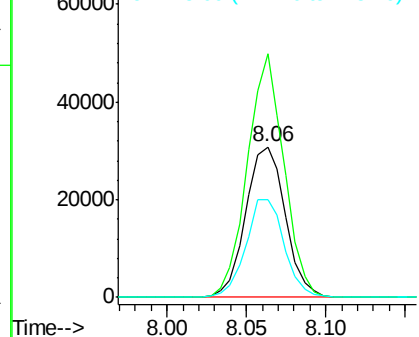
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Instrument :
BNA_G
ClientSampleId :
SB-55-COMP

Tgt Ion:152 Resp: 53360
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 65.0 53.0 79.4



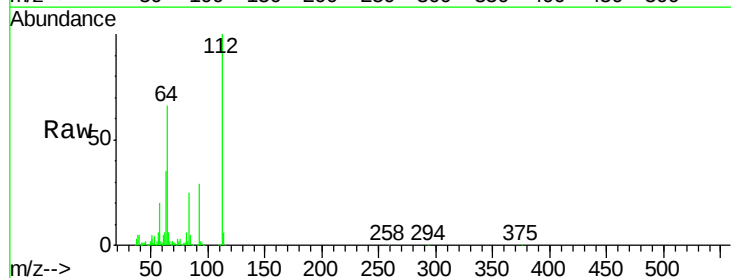
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



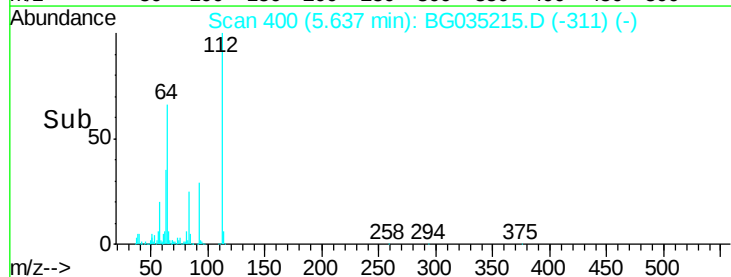
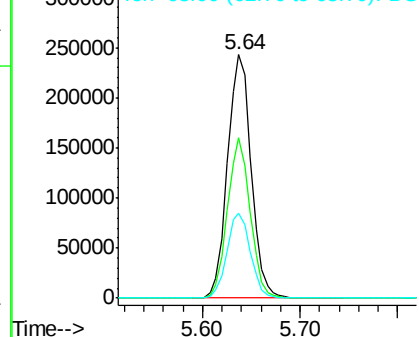
#5

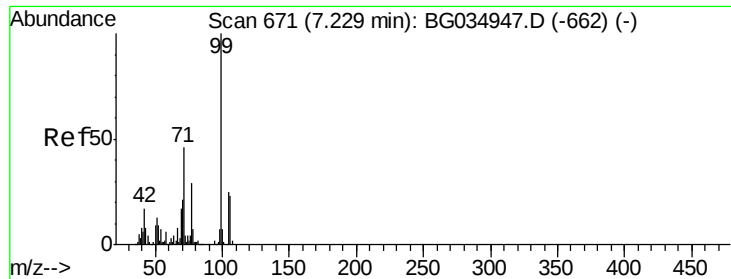
2-Fluorophenol
Concen: 128.665 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Tgt Ion:112 Resp: 406821
Ion Ratio Lower Upper
112 100
64 65.7 56.3 84.5
63 35.1 30.1 45.1



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





#7

Phenol-d6

Concen: 108.675 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

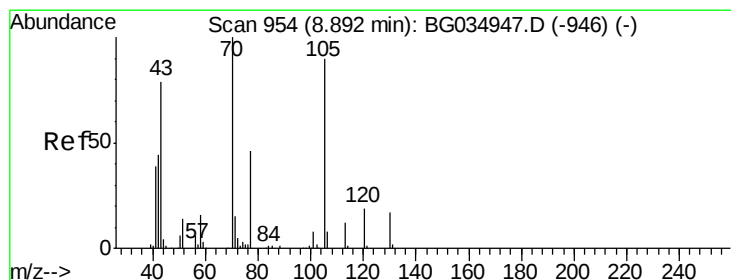
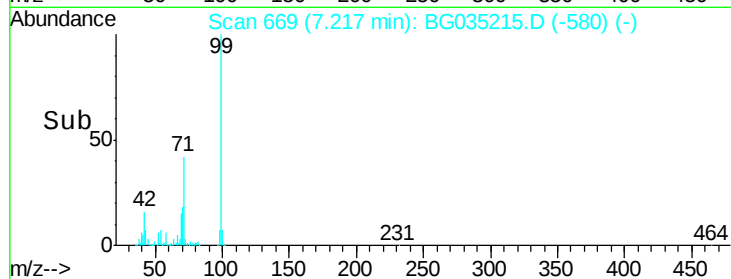
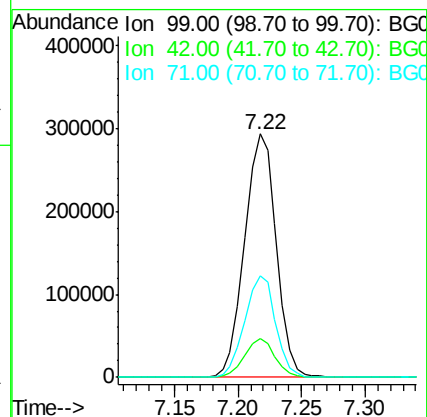
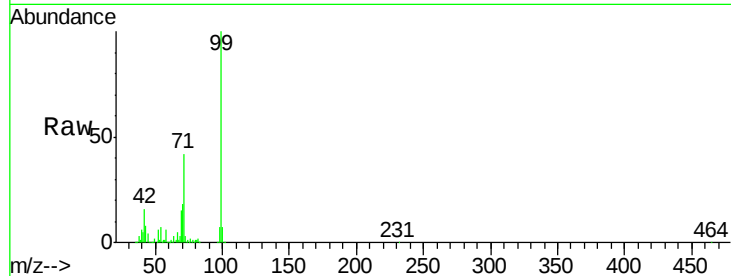
Tgt Ion: 99 Resp: 507157

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.720 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Tgt Ion: 70 Resp: 58362

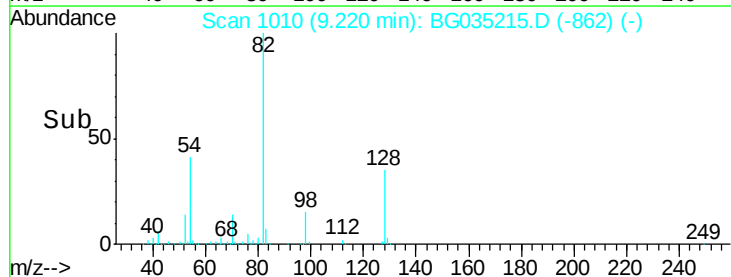
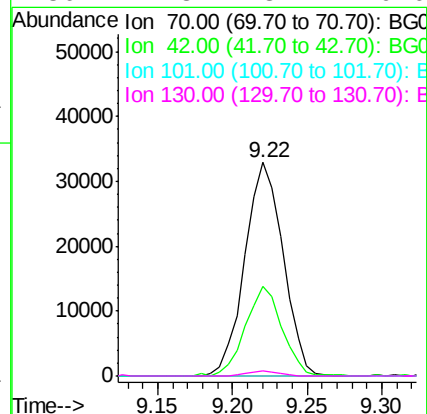
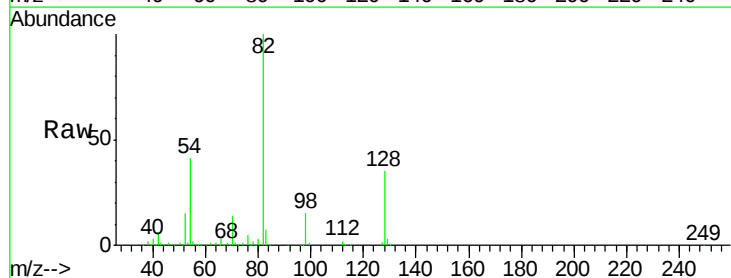
Ion Ratio Lower Upper

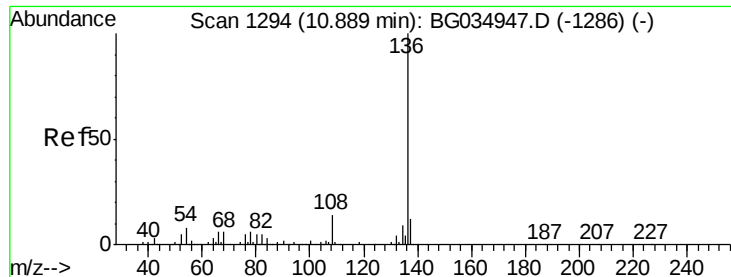
70 100

42 42.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

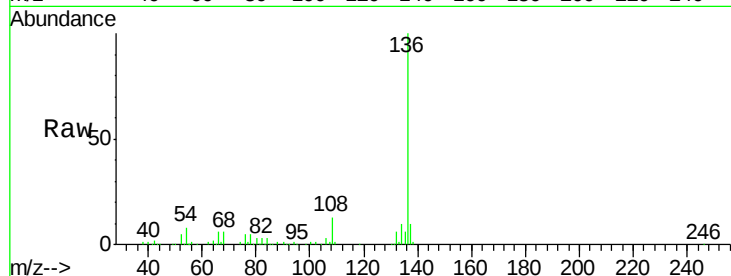




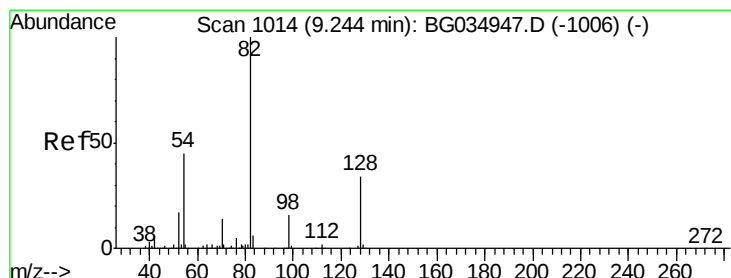
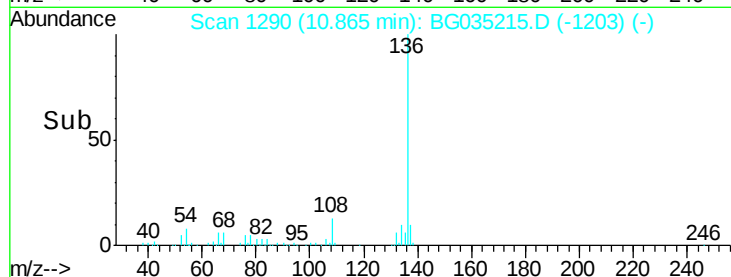
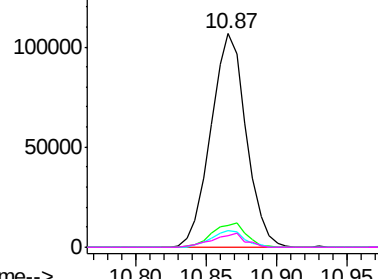
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Instrument :
BNA_G
ClientSampleId :
SB-55-COMP

Tgt Ion:	136	Resp:	187048
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.7	10.3	15.5#
68	5.7	4.5	6.7

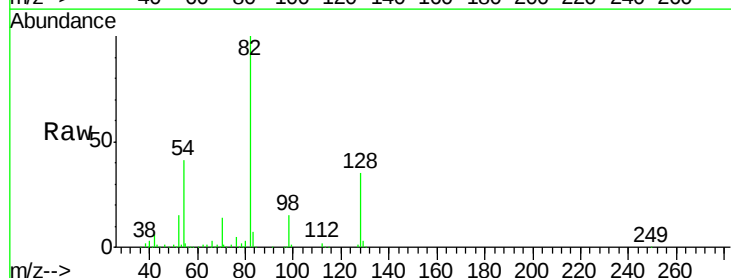


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

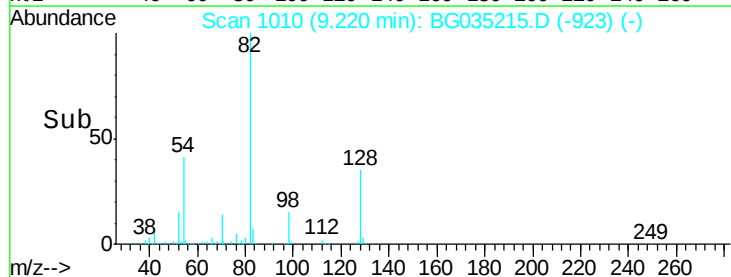
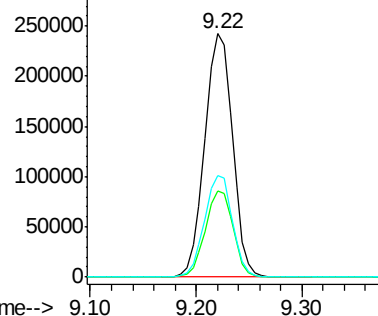


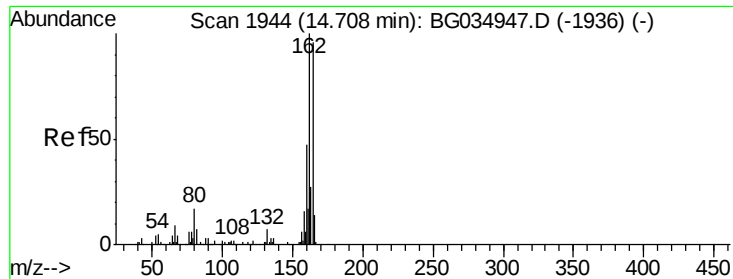
#23
Nitrobenzene-d5
Concen: 111.714 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Tgt Ion:	82	Resp:	439596
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.5	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: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

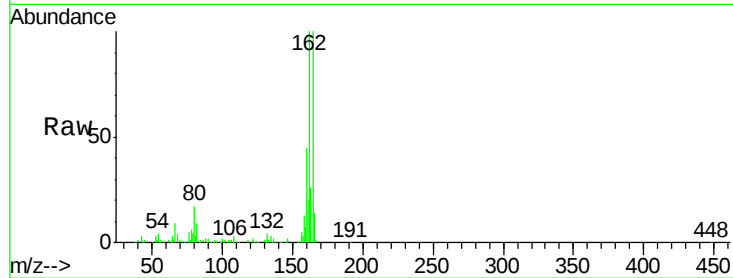
Tgt Ion:164 Resp: 130427

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

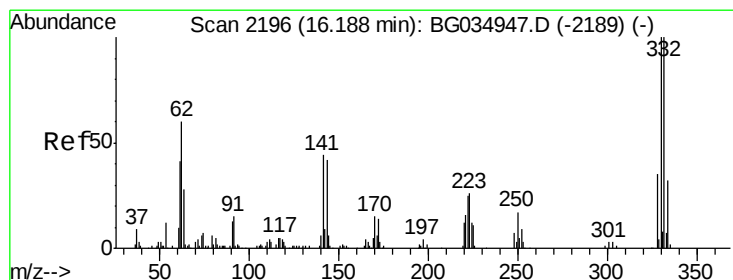
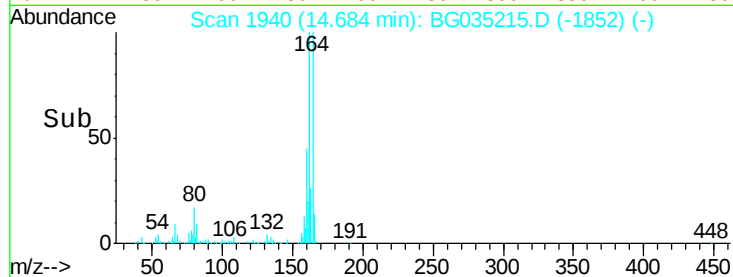
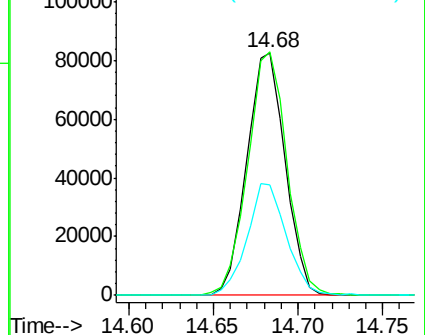
160 45.4 35.4 53.0



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: 190.765 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

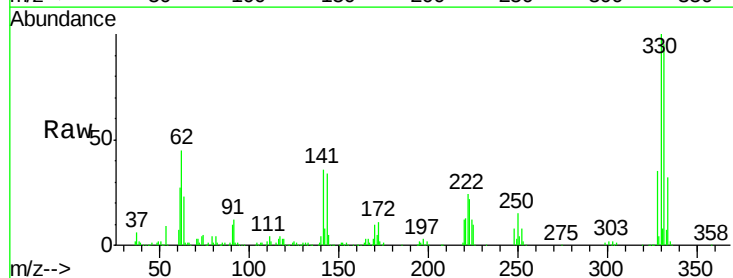
Tgt Ion:330 Resp: 318507

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

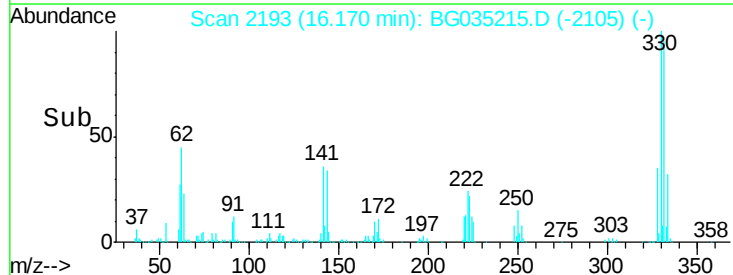
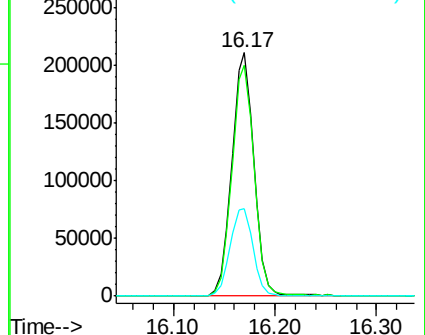
141 37.6 25.2 37.8

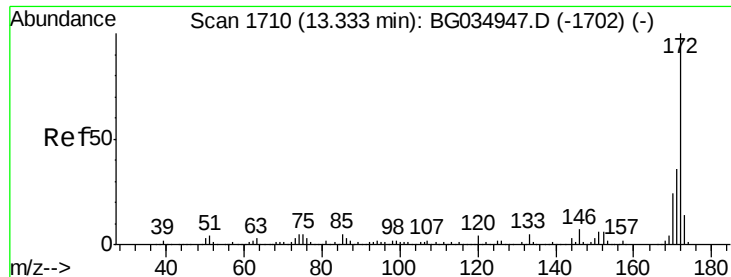


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

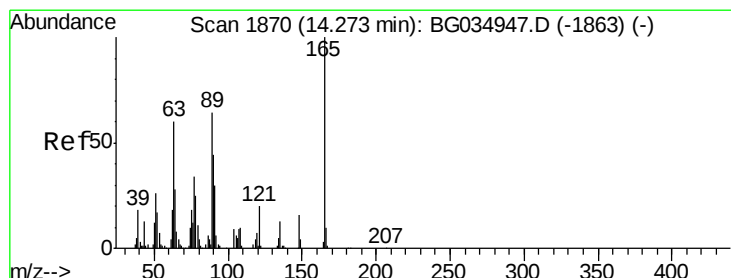
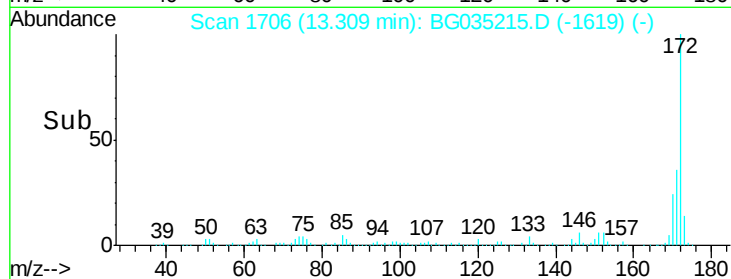
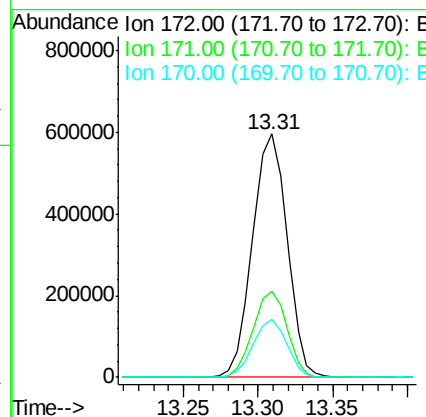
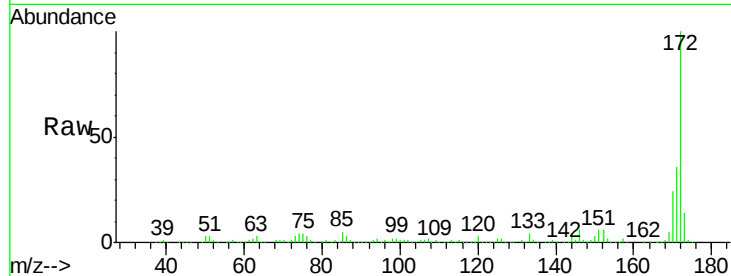




#44
 2-Fluorobiphenyl
 Concen: 95.083 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

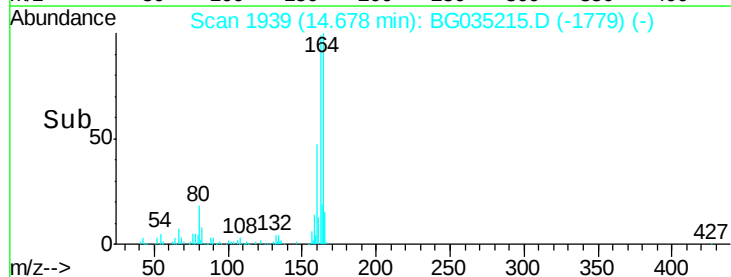
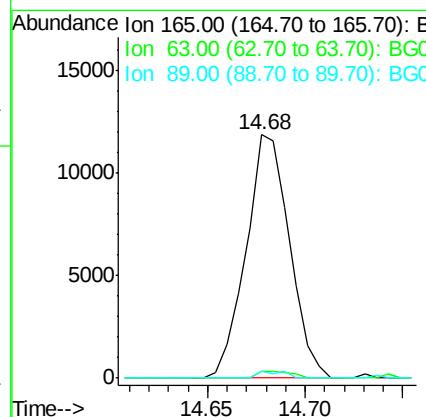
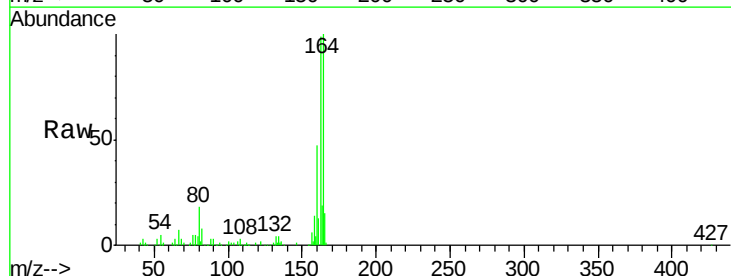
Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

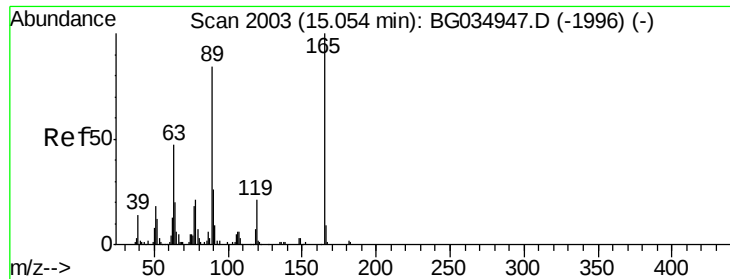
Tgt Ion:172 Resp: 953960
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.791 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Tgt Ion:165 Resp: 18241
 Ion Ratio Lower Upper
 165 100
 63 2.6 52.7 79.1#
 89 2.9 49.2 73.8#

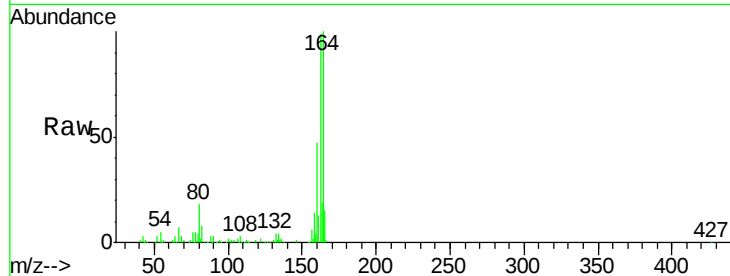




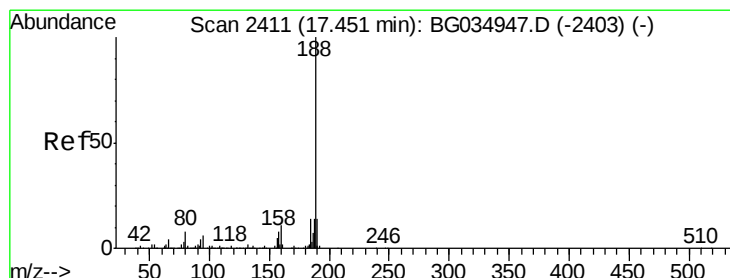
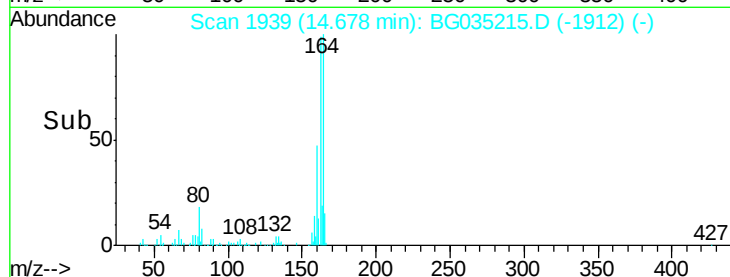
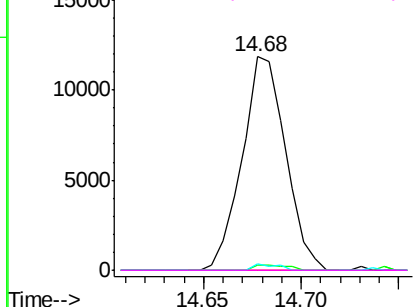
#56
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Instrument :
BNA_G
ClientSampleId :
SB-55-COMP

Tgt Ion:165 Resp: 18241
Ion Ratio Lower Upper
165 100
63 2.6 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#

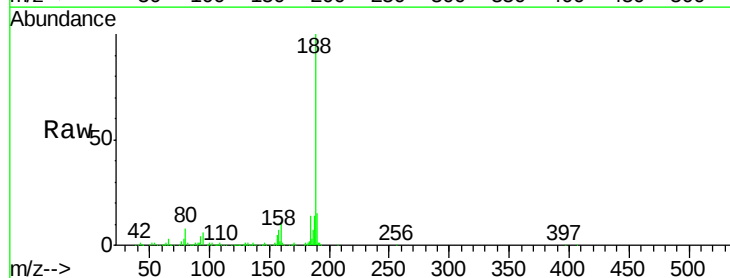


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

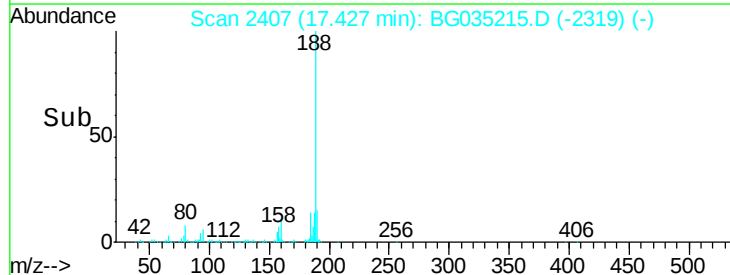
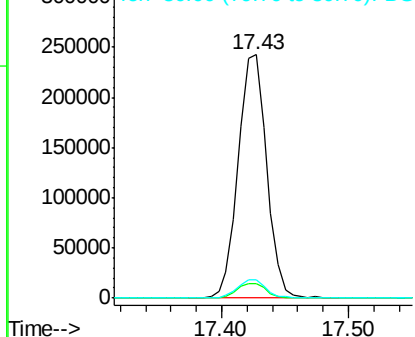


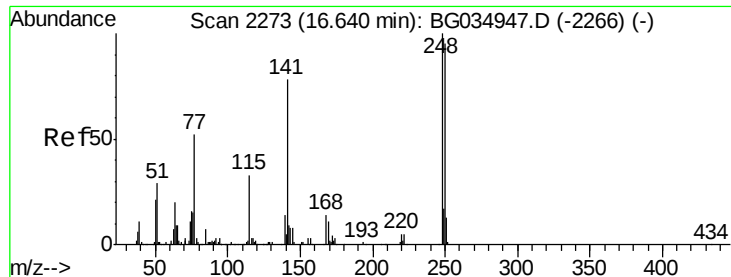
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Tgt Ion:188 Resp: 377084
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

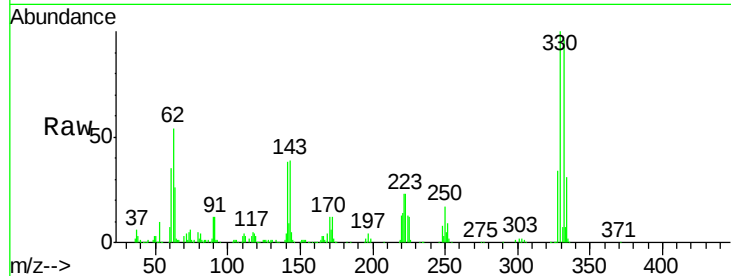




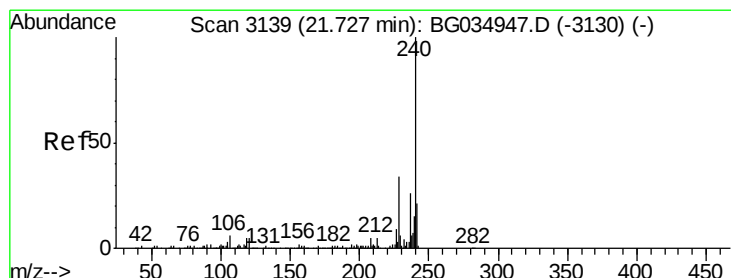
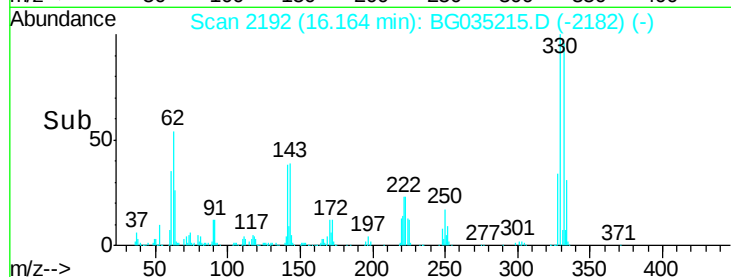
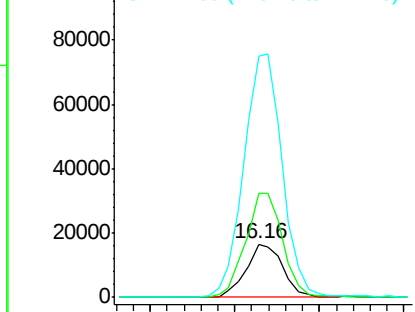
#66
 4-Bromophenyl-phenylether
 Concen: 5.565 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

Tgt Ion:248 Resp: 25270
 Ion Ratio Lower Upper
 248 100
 250 196.1 77.1 115.7#
 141 451.9 50.8 76.2#

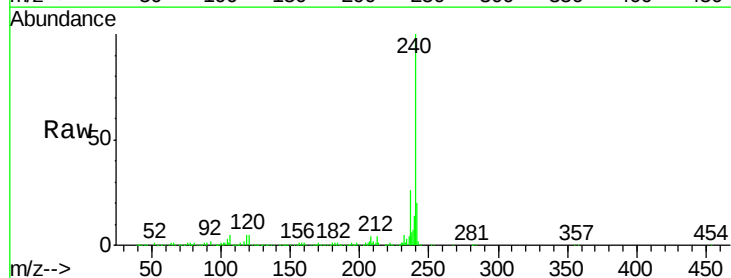


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

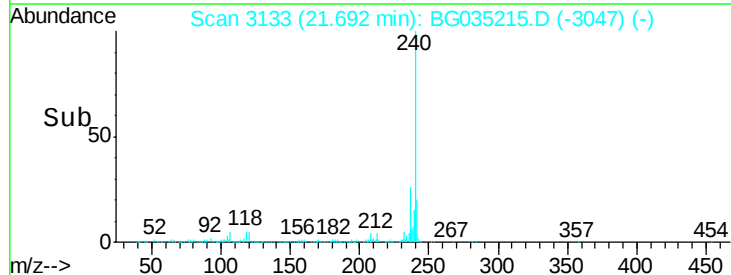
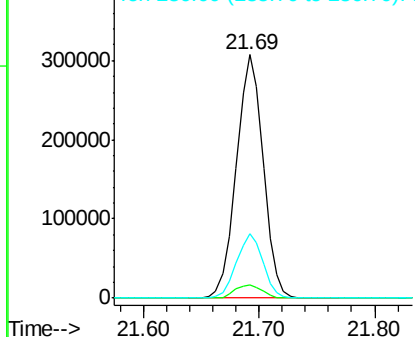


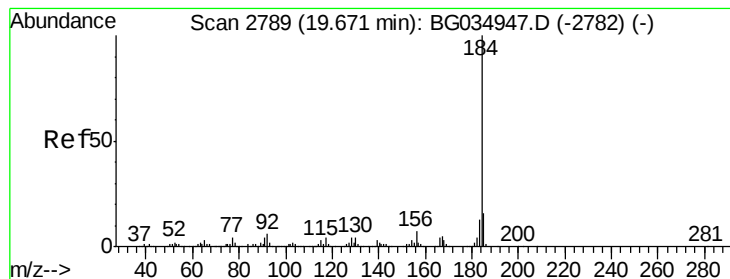
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Tgt Ion:240 Resp: 493860
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 26.2 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: 2.403 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

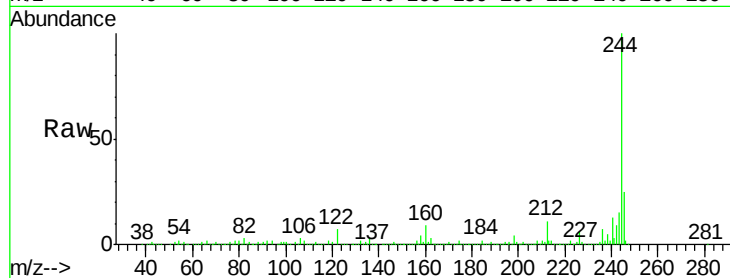
Tgt Ion:184 Resp: 44159

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

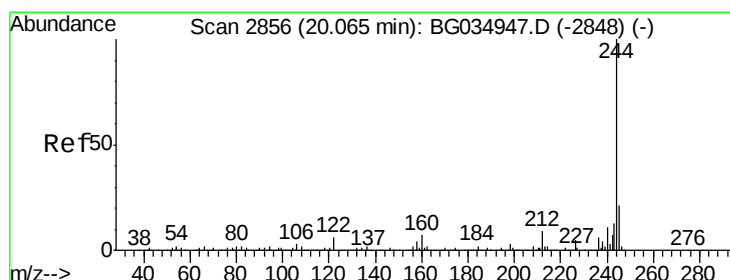
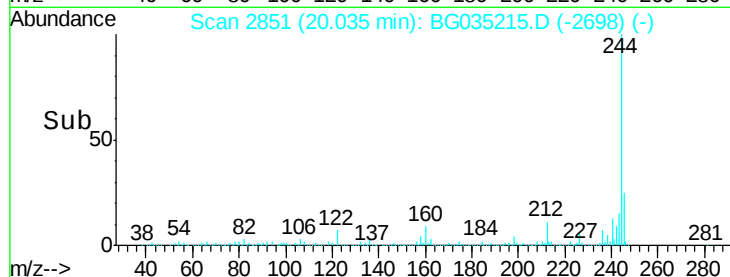
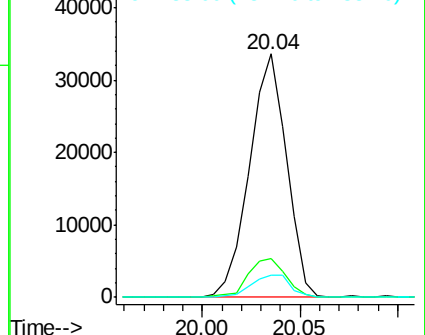
183 9.2 10.6 16.0#



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: 101.786 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

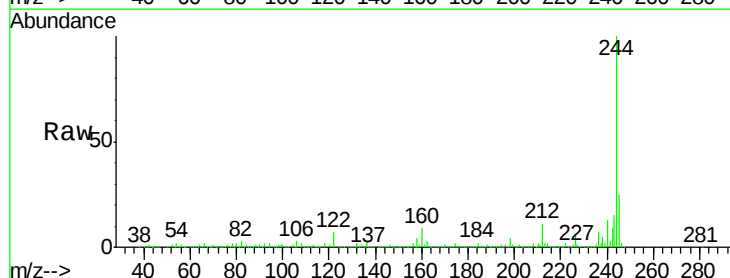
Tgt Ion:244 Resp: 2399811

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

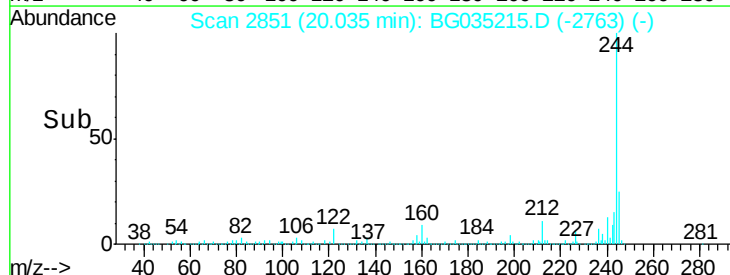
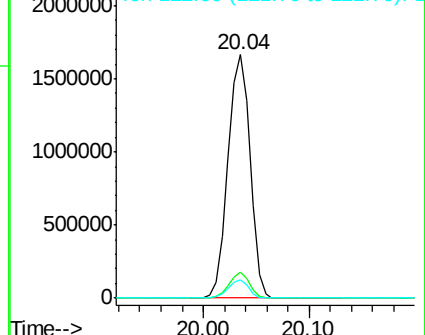
122 7.5 7.0 10.4

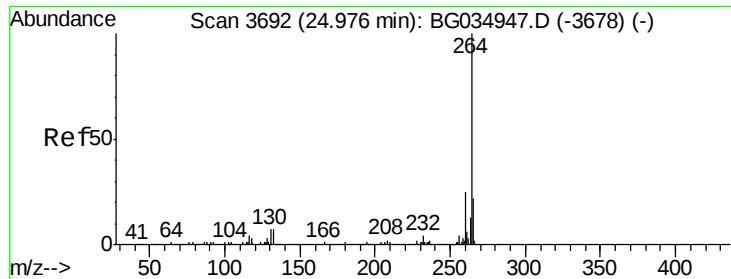


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

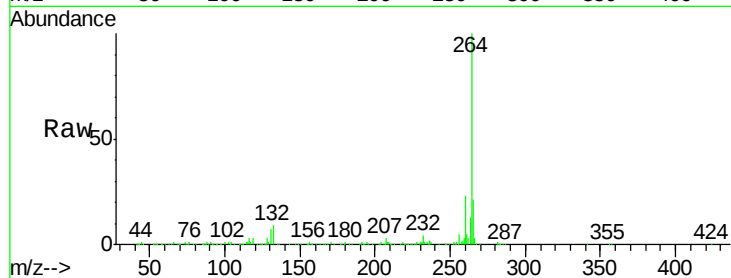




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Instrument :
BNA_G
ClientSampleId :
SB-55-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

