

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035255.D
 Acq On : 19 Jun 2018 19:39
 Operator : SJ/JU
 Sample : J3546-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-U-S

Quant Time: Jun 19 22:18:35 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

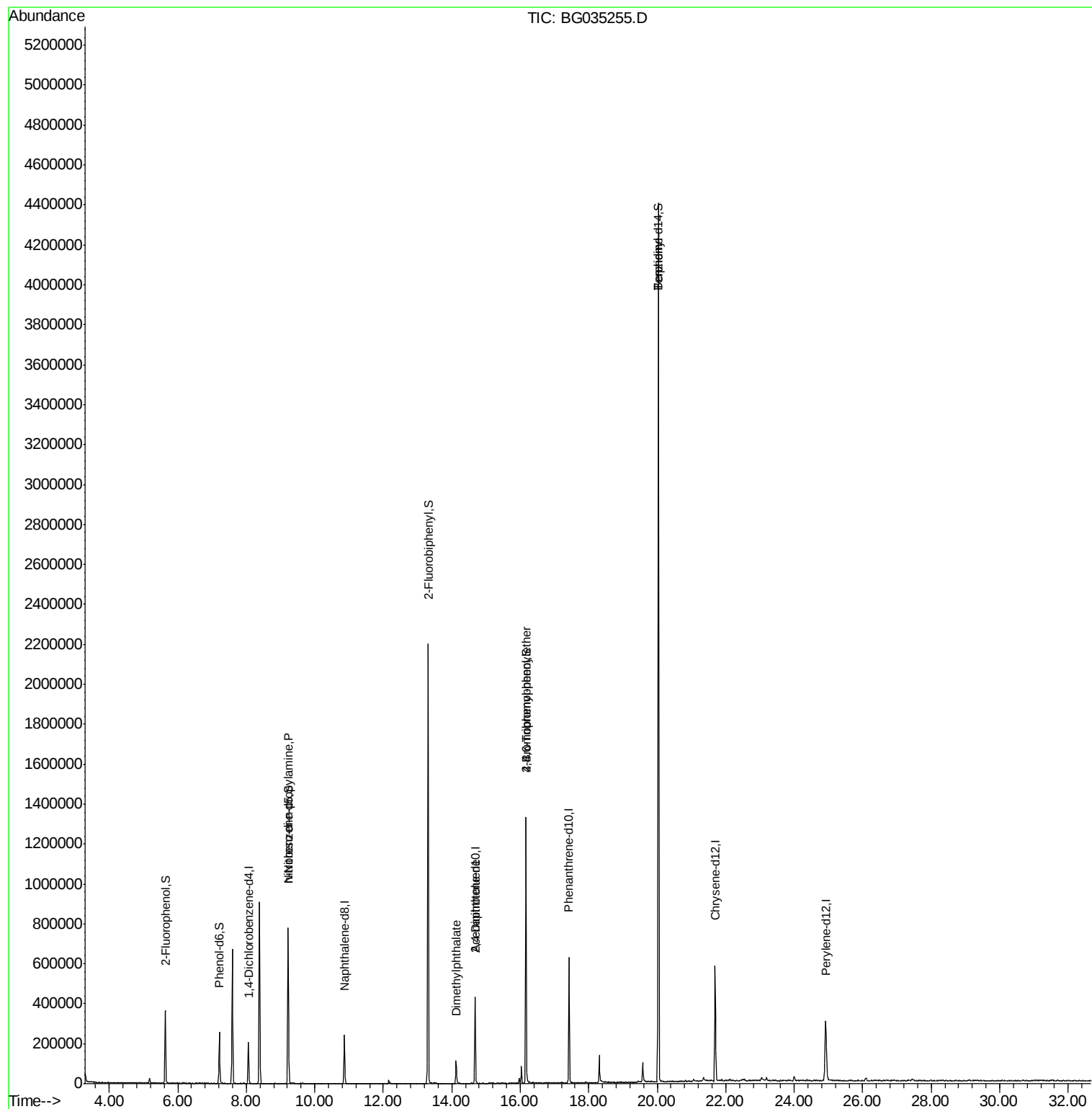
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59103	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	201463	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	147206	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	409484	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	364448	20.00	ng	-0.02
86) Perylene-d12	24.91	264	358196	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	166388	47.51	ng	0.00
7) Phenol-d6	7.21	99	156506	30.28	ng	-0.01
23) Nitrobenzene-d5	9.22	82	521238	122.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	241036	127.91	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1166811	103.04	ng	-0.02
78) Terphenyl-d14	20.04	244	2046184	117.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	70938	16.154	ng	# 71
49) Dimethylphthalate	14.13	163	76979	5.997	ng	100
56) 2,4-Dinitrotoluene	14.68	165	19248	6.187	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	18555	3.763	ng	# 1
76) Benzidine	20.04	184	37870	2.793	ng	# 94

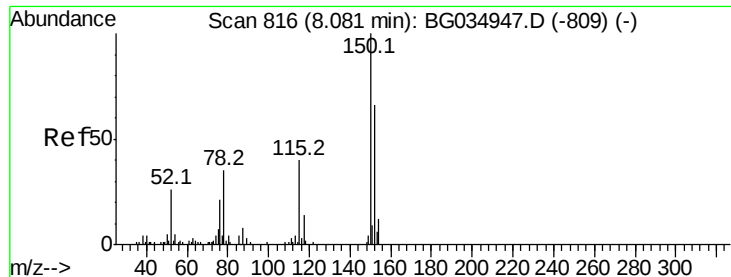
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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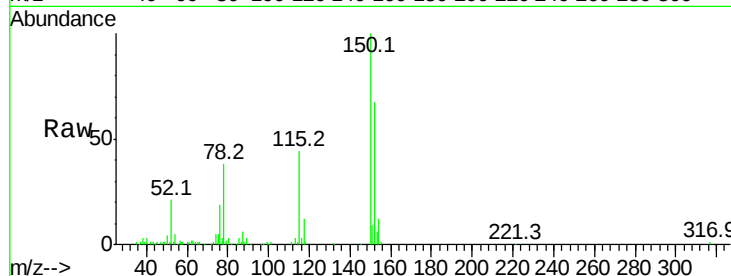


#1

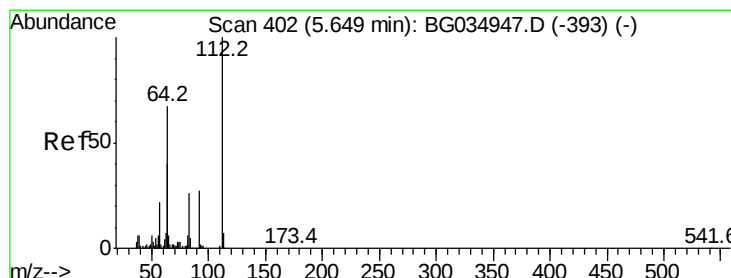
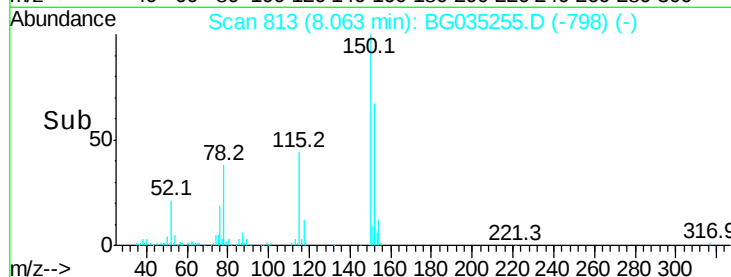
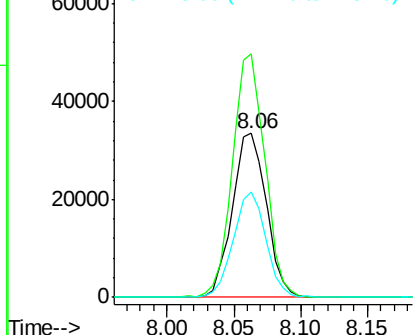
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-S

Tot Ion:152 Resp: 59103
Ion Ratio Lower Upper
152 100
150 148.3 126.6 189.8
115 64.5 53.0 79.4



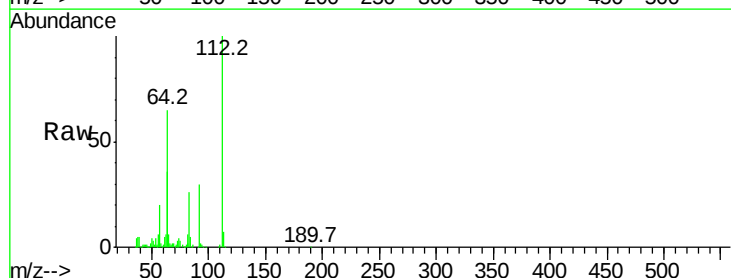
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



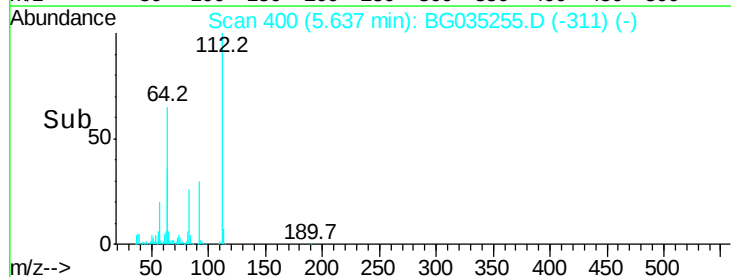
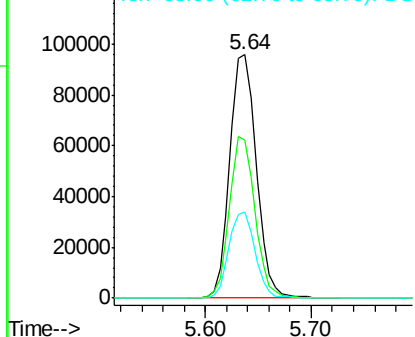
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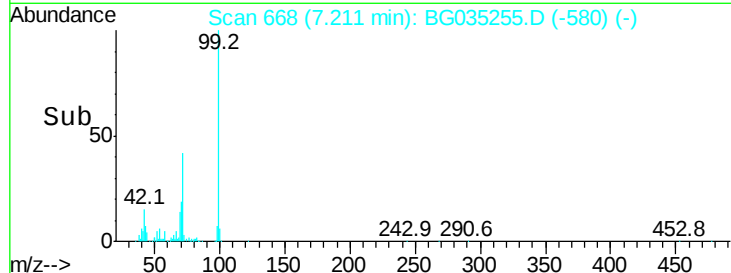
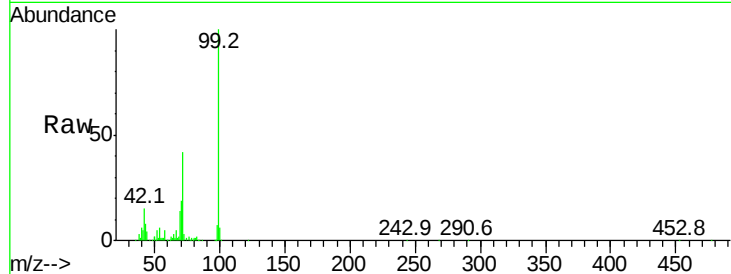
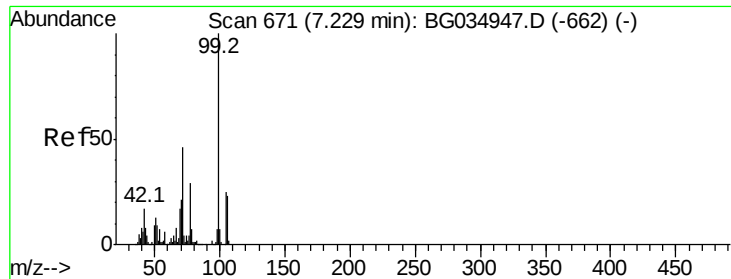
2-Fluorophenol
Concen: 47.510 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Tgt Ion:112 Resp: 166388
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.278 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035255.D

Acq: 19 Jun 2018 19:39

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-S

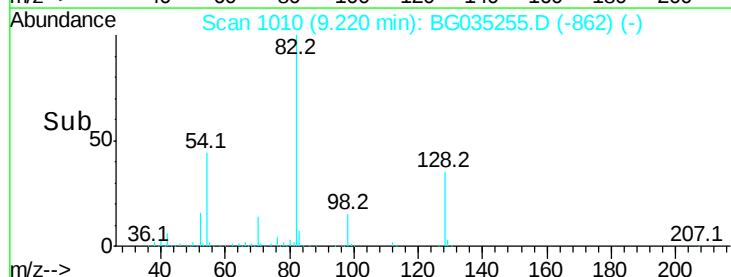
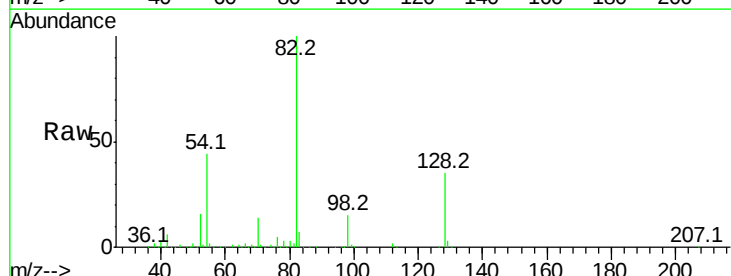
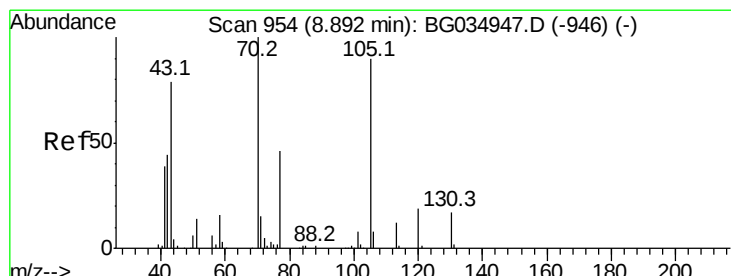
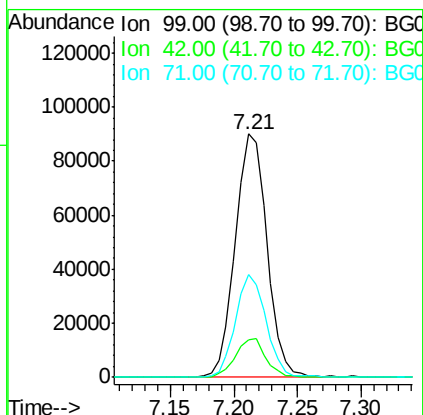
Tot Ion: 99 Resp: 156506

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 42.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.154 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035255.D

Acq: 19 Jun 2018 19:39

Tgt Ion: 70 Resp: 70938

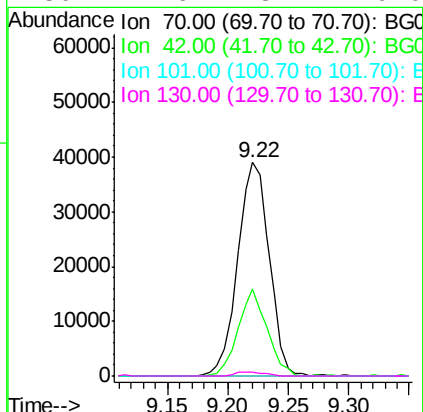
Ion Ratio Lower Upper

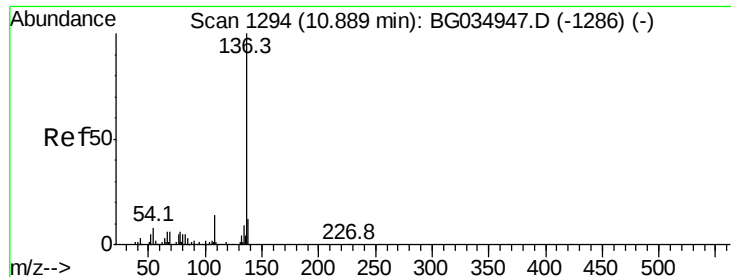
70 100

42 40.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

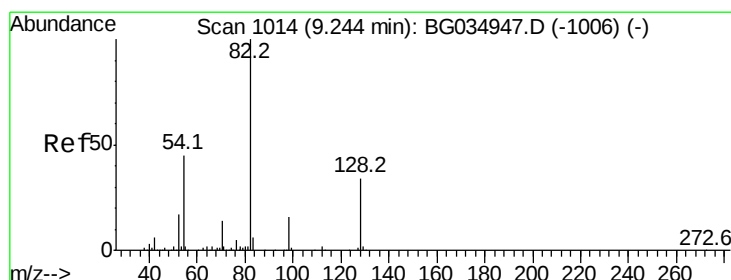
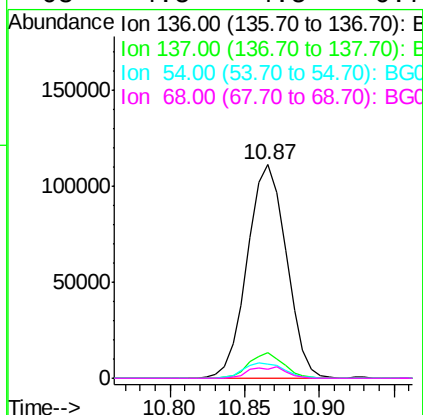
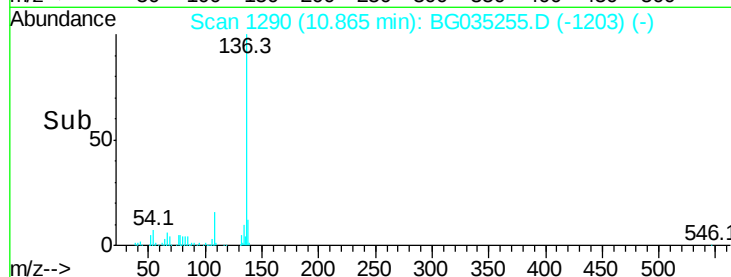
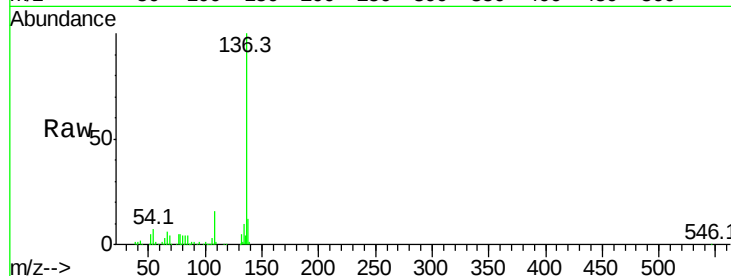




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

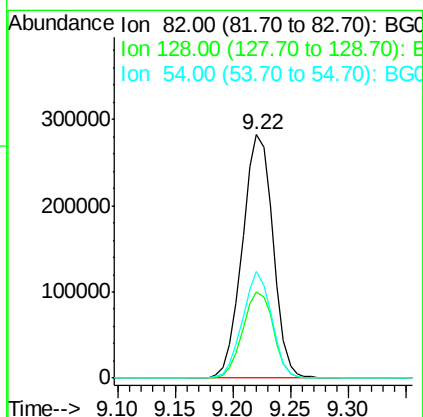
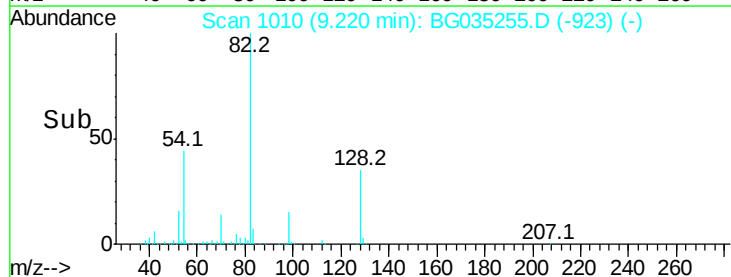
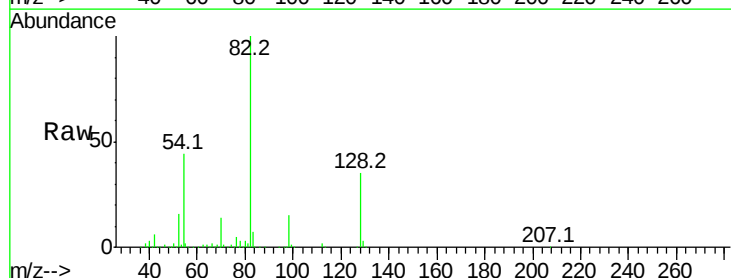
Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-S

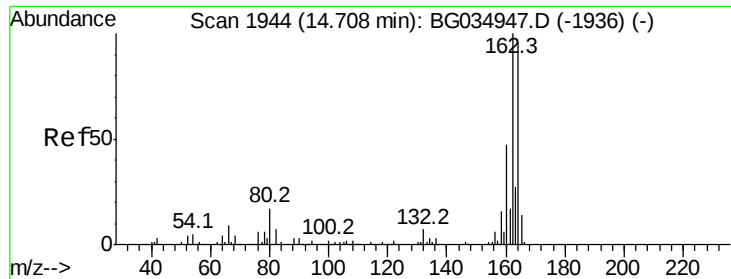
Tot Ion:136	Resp:	201463
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	6.7	10.3 15.5#
68	4.5	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 122.984 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Tgt Ion: 82	Resp:	521238
Ion Ratio	Lower	Upper
82	100	
128	35.2	29.7 44.5
54	43.6	43.1 64.7

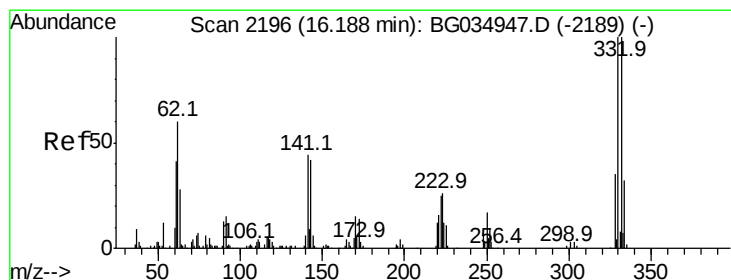
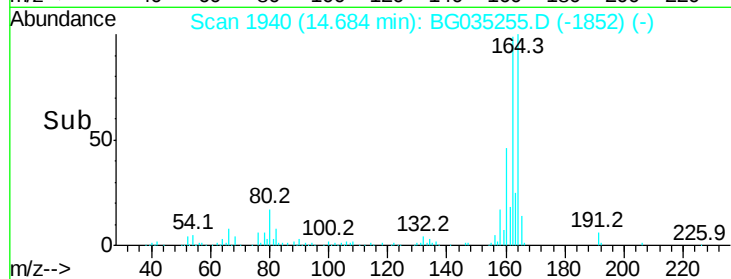
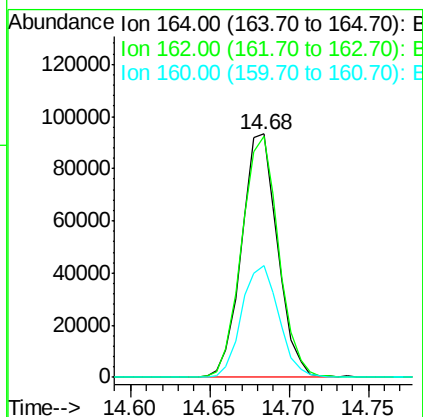
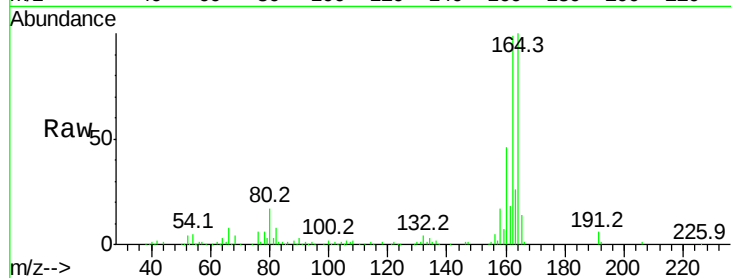




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035255.D
 Acq: 19 Jun 2018 19:39

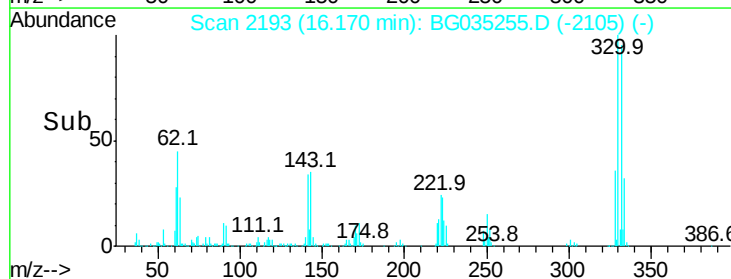
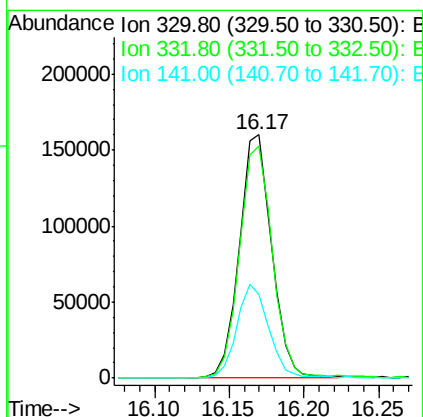
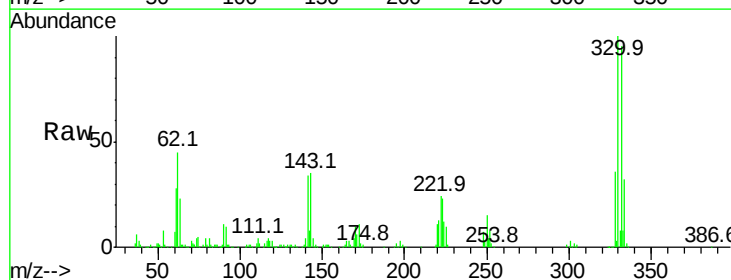
Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-U-S

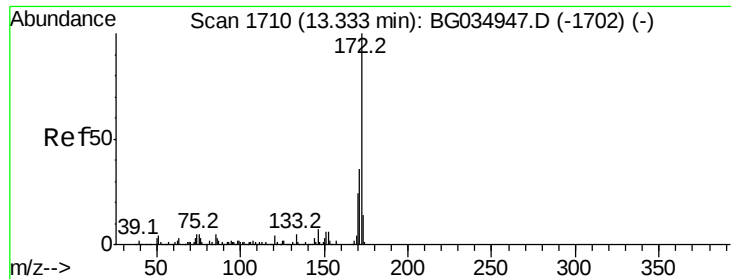
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	46.0	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 127.910 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035255.D
 Acq: 19 Jun 2018 19:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.4	25.2	37.8#



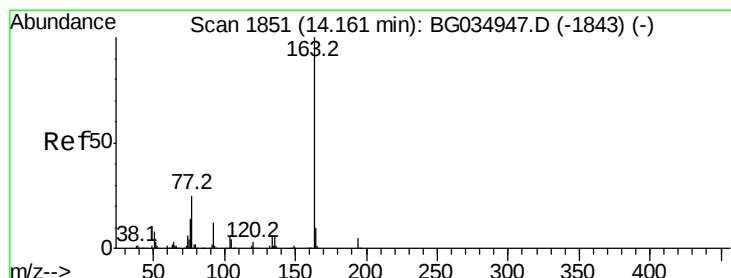
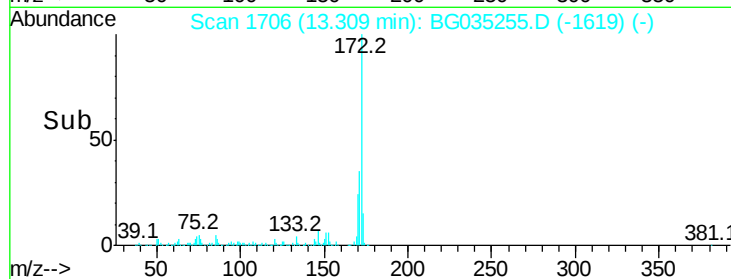
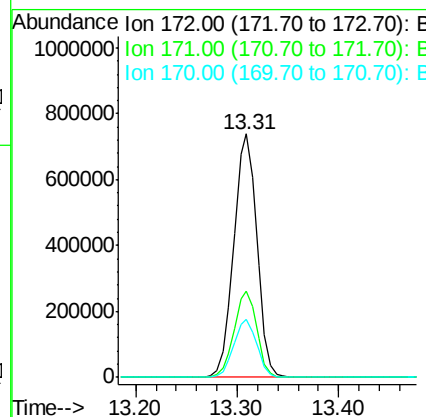
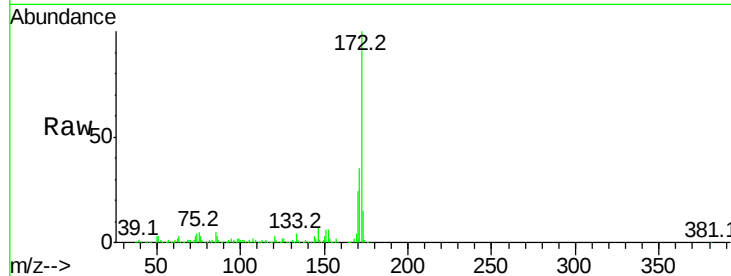


#44
2-Fluorobiphenyl
Concen: 103.043 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-S

Tot Ion:172 Resp: 1166811

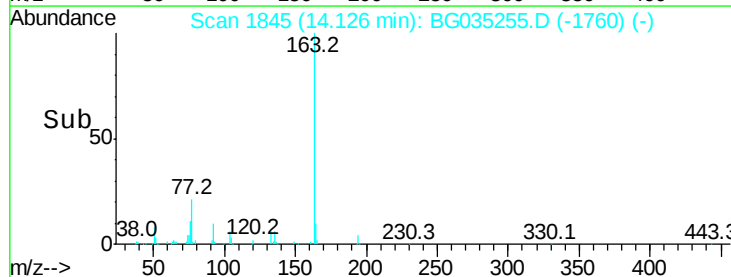
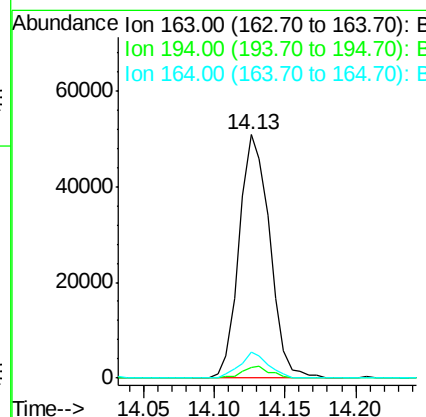
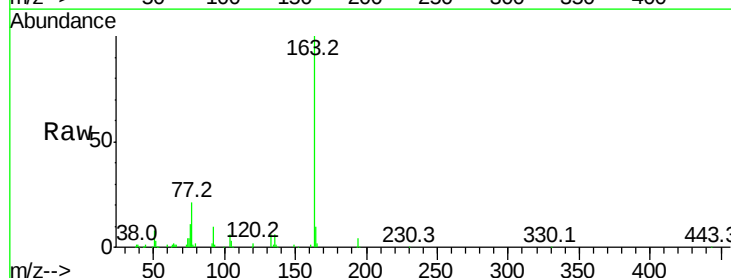
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.9	19.5	29.3

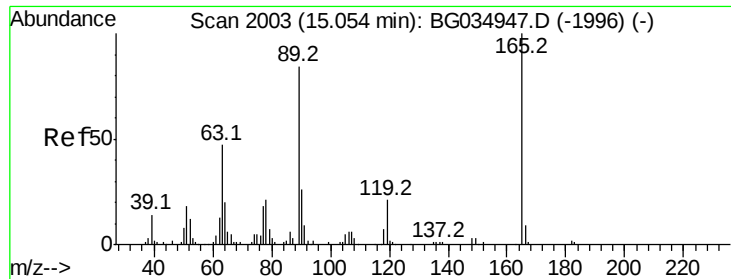


#49
Dimethylphthalate
Concen: 5.997 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Tgt Ion:163 Resp: 76979

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.5	8.2	12.4





#56

2,4-Dinitrotoluene

Concen: 6.187 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035255.D

Acq: 19 Jun 2018 19:39

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-S

Tot Ion:165 Resp: 19248

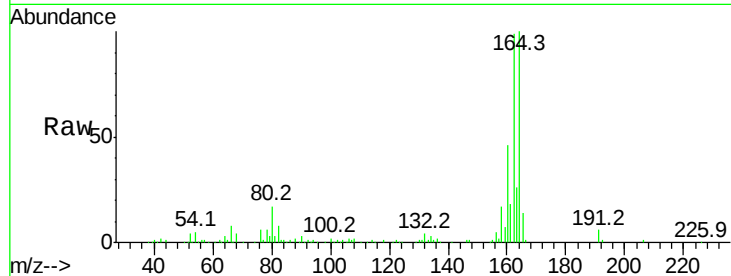
Ion Ratio Lower Upper

165 100

63 1.5 42.0 63.0#

89 2.7 66.9 100.3#

182 0.0 2.6 3.8#

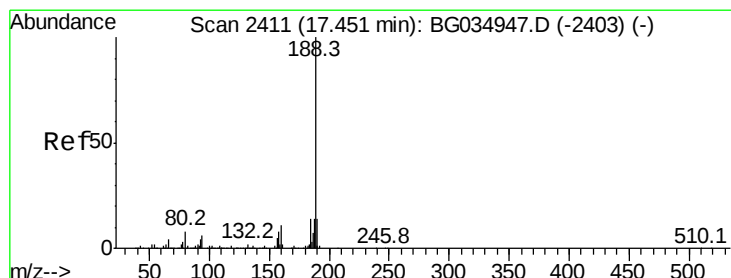
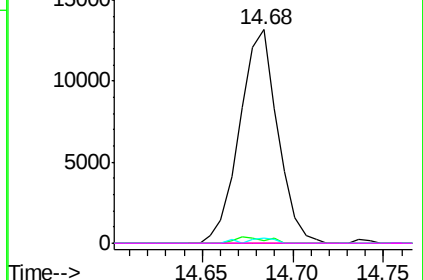
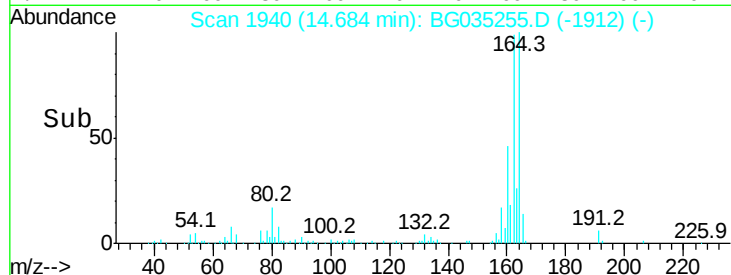


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG035255.D

Acq: 19 Jun 2018 19:39

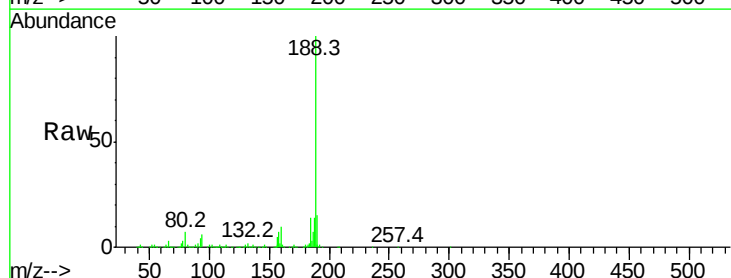
Tgt Ion:188 Resp: 409484

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

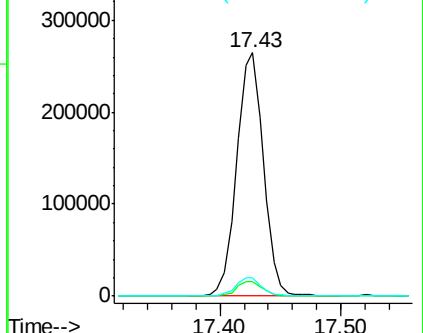
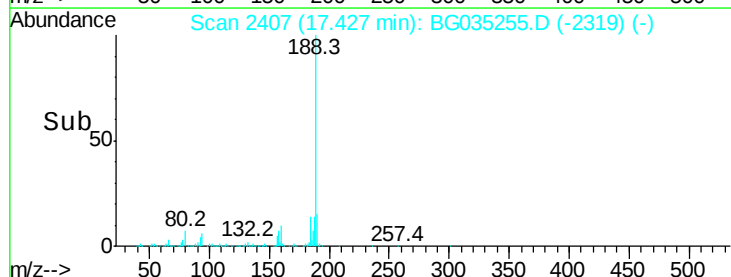
80 7.5 7.7 11.5#

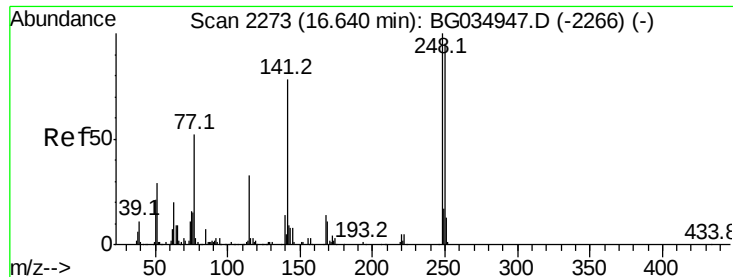


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

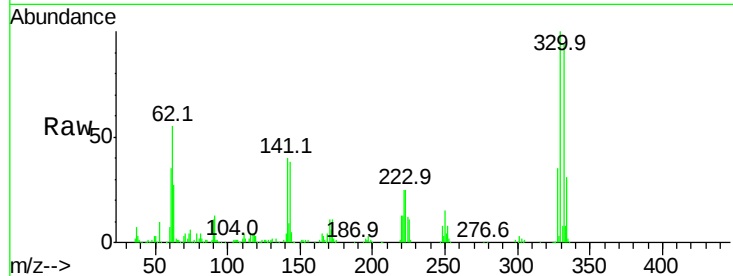




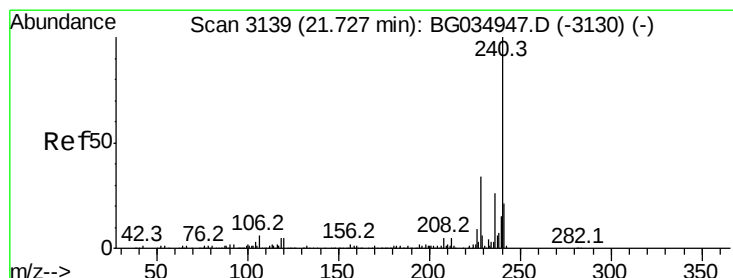
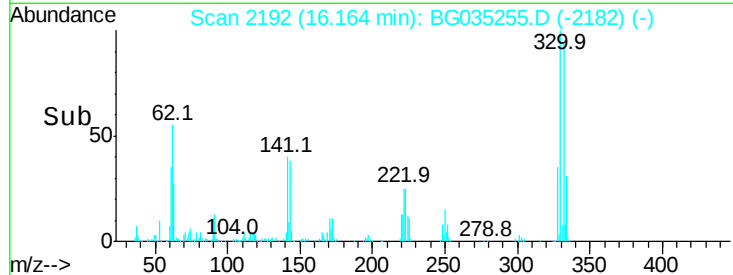
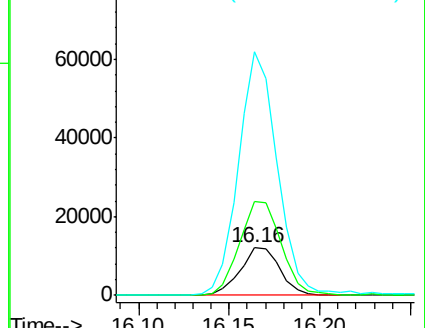
#66
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-S

Tot Ion:248 Resp: 18555
Ion Ratio Lower Upper
248 100
250 197.9 77.1 115.7#
141 513.6 50.8 76.2#

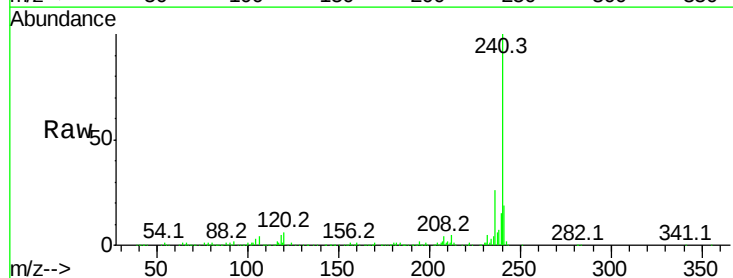


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

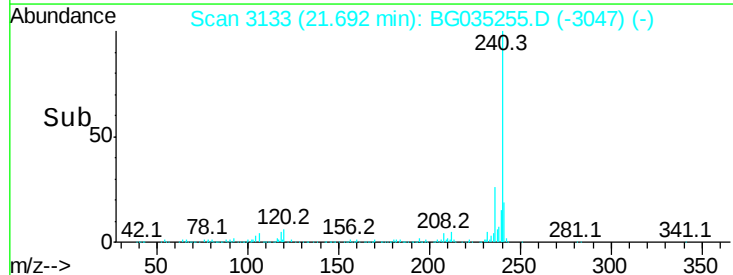
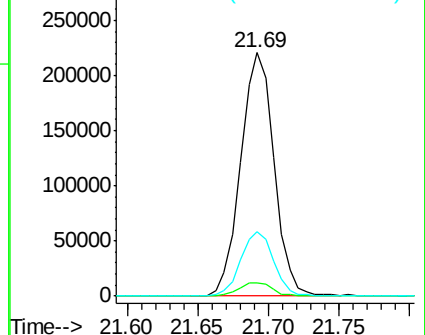


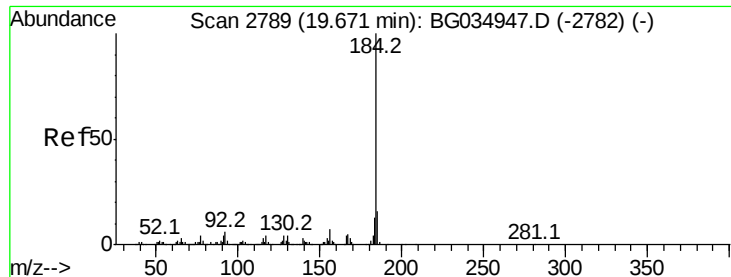
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Tgt Ion:240 Resp: 364448
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 26.4 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: 2.793 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035255.D

Acq: 19 Jun 2018 19:39

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-S

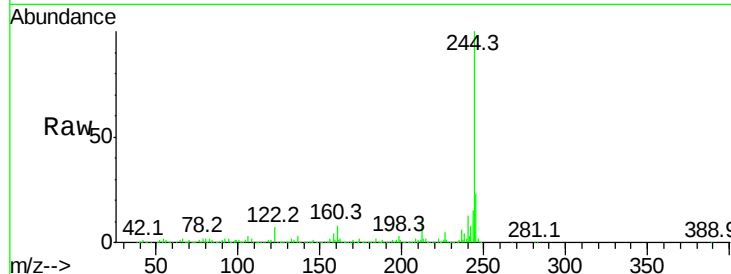
Tot Ion:184 Resp: 37870

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

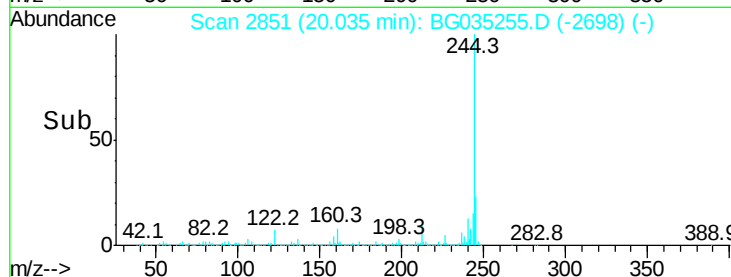
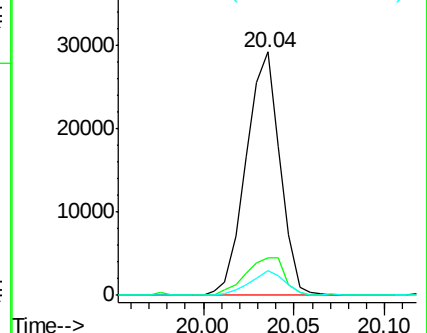
183 9.9 10.6 16.0#



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: 117.605 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035255.D

Acq: 19 Jun 2018 19:39

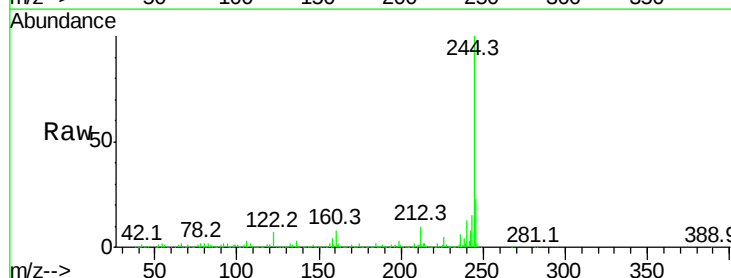
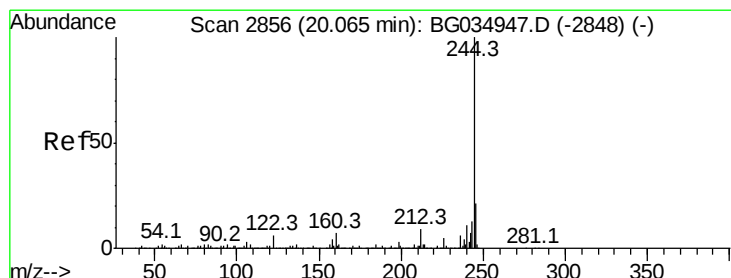
Tgt Ion:244 Resp: 2046184

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

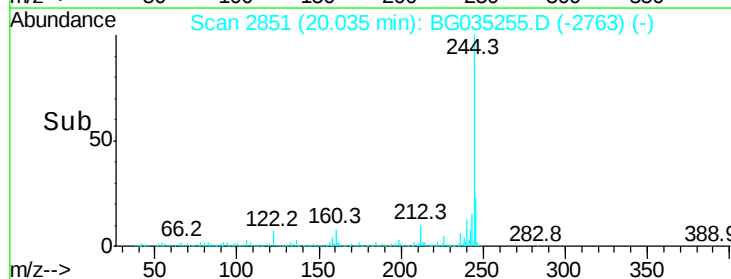
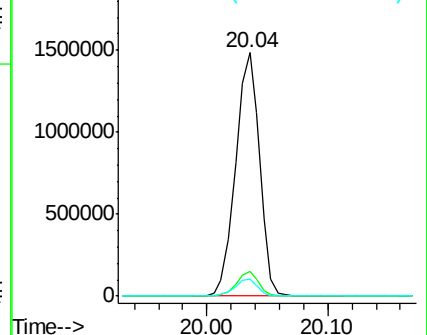
122 7.0 7.0 10.4#

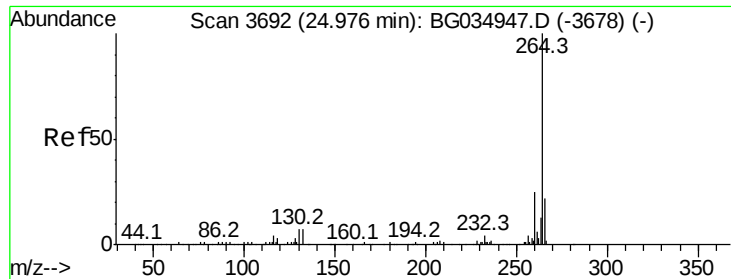


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035255.D
Acq: 19 Jun 2018 19:39

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.2	17.7	26.5

