

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035220.D
 Acq On : 18 Jun 2018 15:55
 Operator : SJ/JU
 Sample : J3564-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40-COMP

Quant Time: Jun 18 16:38:08 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

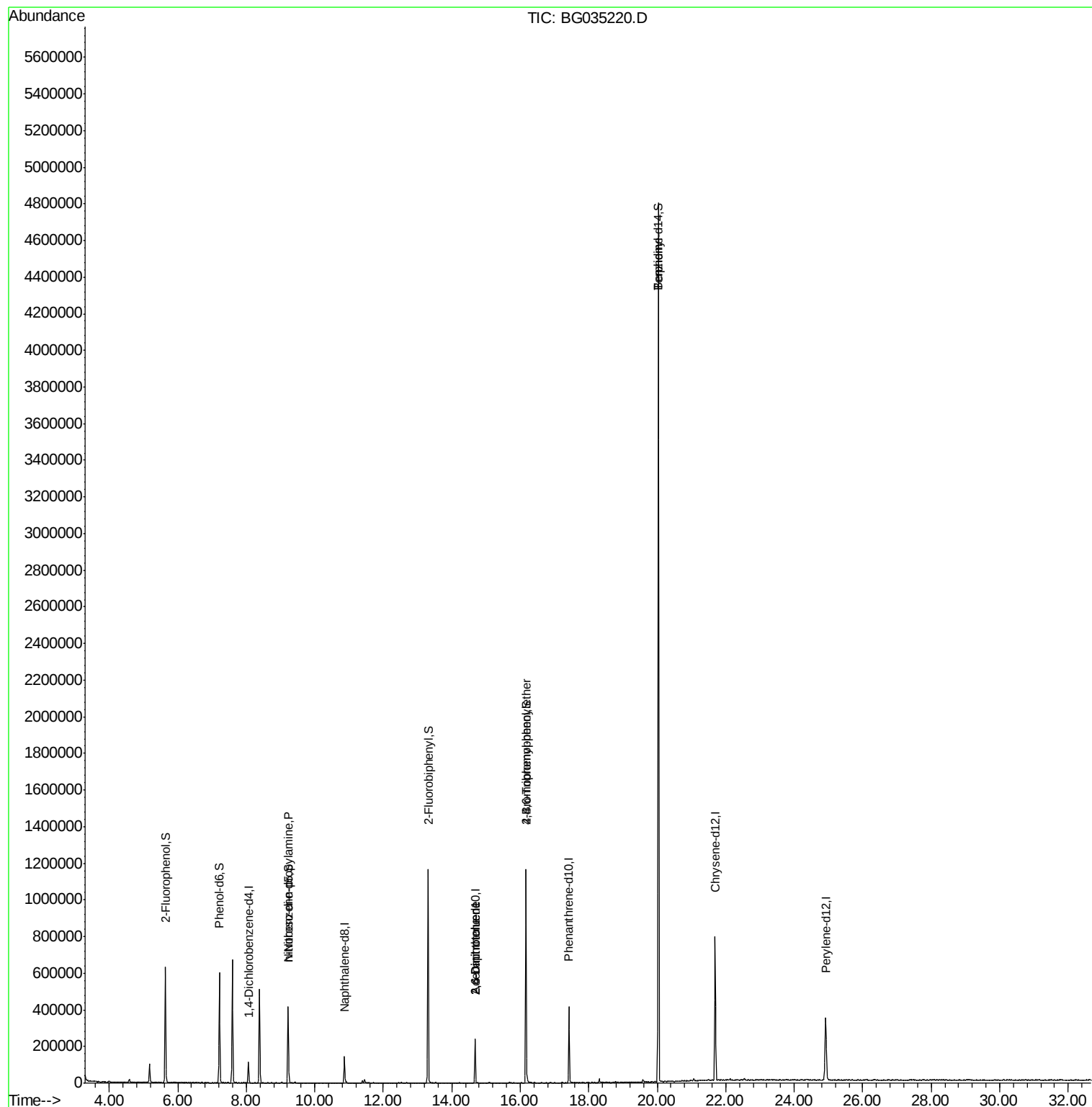
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33294	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	116663	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	82145	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	264054	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	490532	20.00	ng	-0.02
86) Perylene-d12	24.92	264	366815	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	283959	143.93	ng	0.00
7) Phenol-d6	7.22	99	368849	126.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	285174	116.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	222004	211.12	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	633354	100.23	ng	-0.02
78) Terphenyl-d14	20.04	244	2230136	95.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	37090	14.993	ng	# 75
50) 2,6-Dinitrotoluene	14.68	165	12027	9.203	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	12027	6.928	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	16598	5.220	ng	# 1
76) Benzidine	20.04	184	41547	2.277	ng	# 92

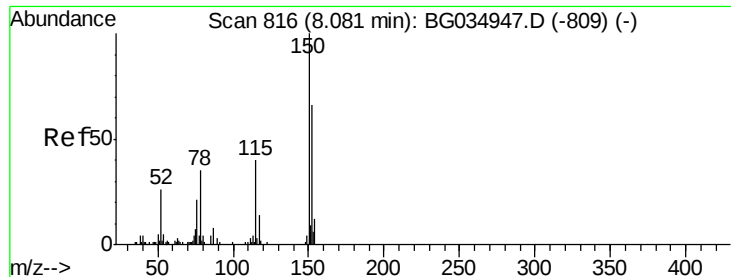
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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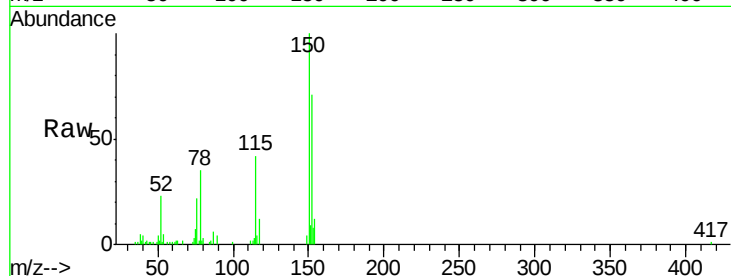


#1

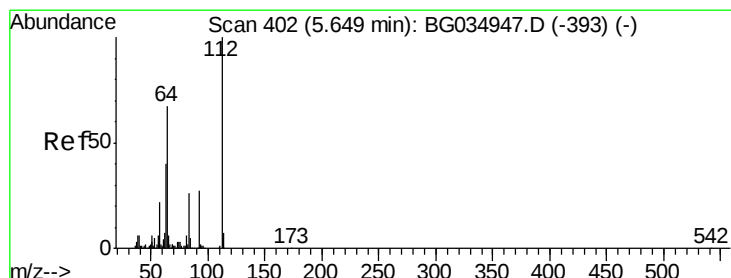
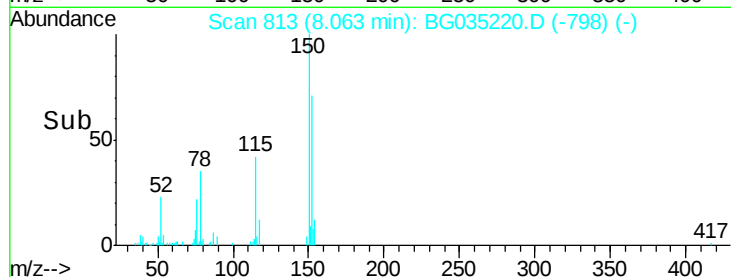
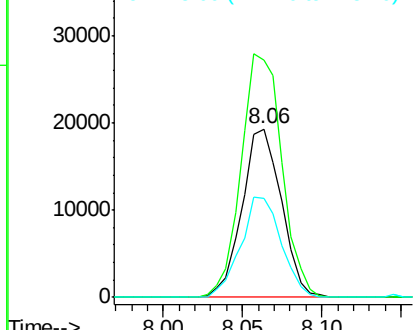
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Instrument :
BNA_G
ClientSampleId :
SB-40-COMP

Tgt Ion:152 Resp: 33294
Ion Ratio Lower Upper
152 100
150 140.6 126.6 189.8
115 58.6 53.0 79.4



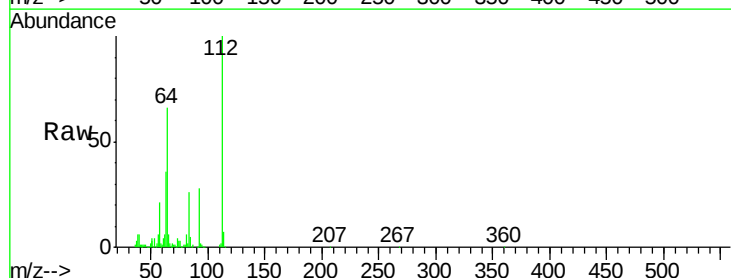
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



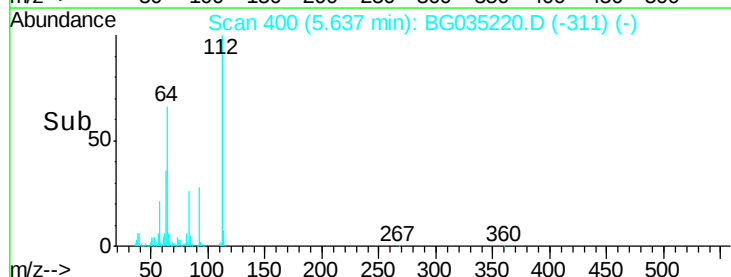
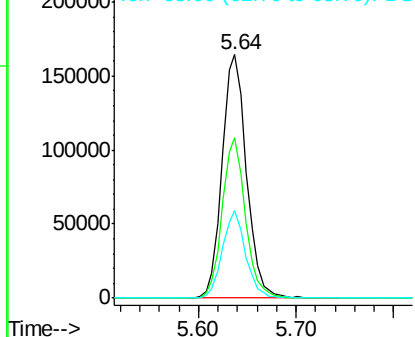
#5

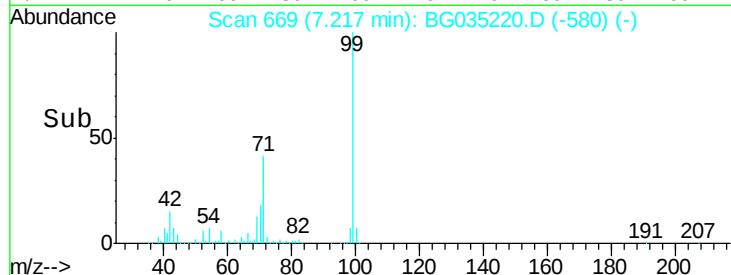
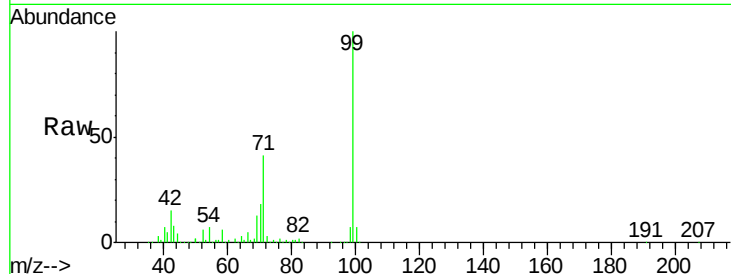
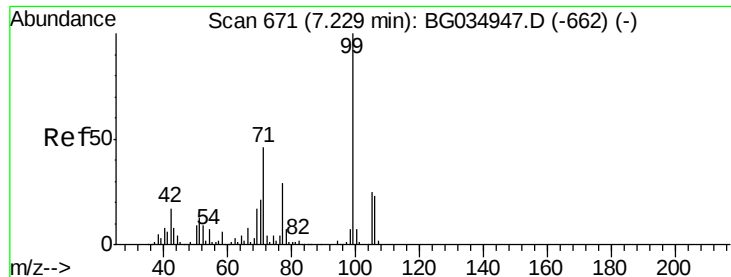
2-Fluorophenol
Concen: 143.933 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Tgt Ion:112 Resp: 283959
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 35.7 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

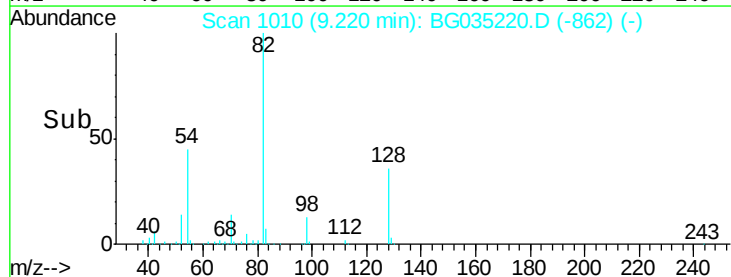
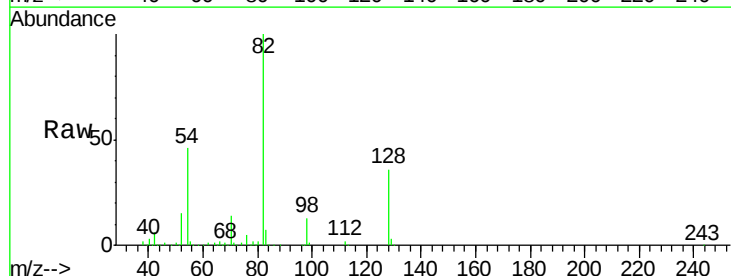
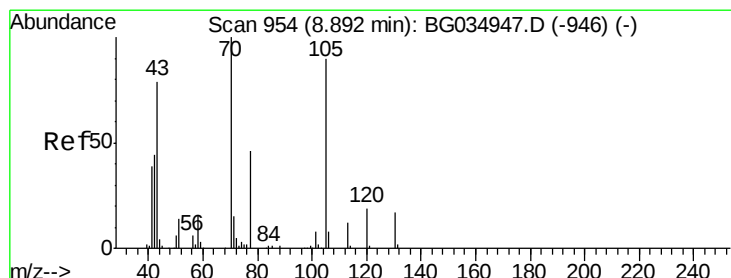
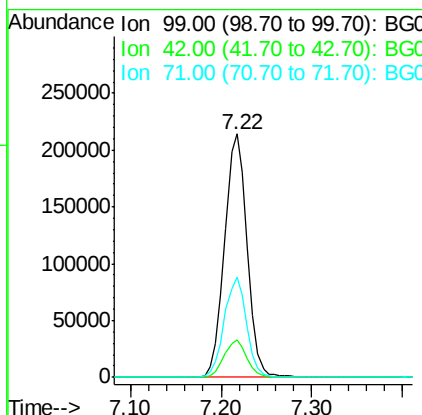




#7
Phenol-d6
Concen: 126.673 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

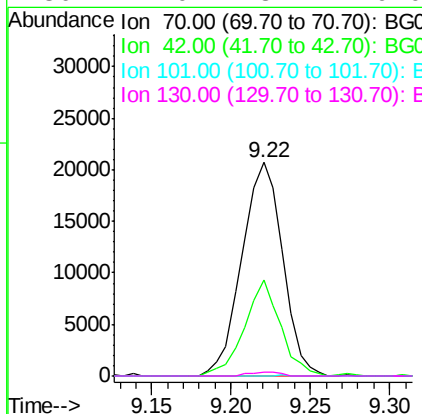
Instrument :
BNA_G
ClientSampleId :
SB-40-COMP

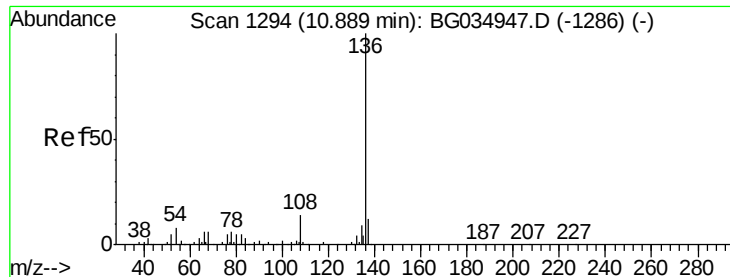
Tgt Ion: 99 Resp: 368849
Ion Ratio Lower Upper
99 100
42 15.2 14.1 21.1
71 41.3 26.1 39.1#



#19
n-Nitroso-di-n-propylamine
Concen: 14.993 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Tgt Ion: 70 Resp: 37090
Ion Ratio Lower Upper
70 100
42 44.9 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#

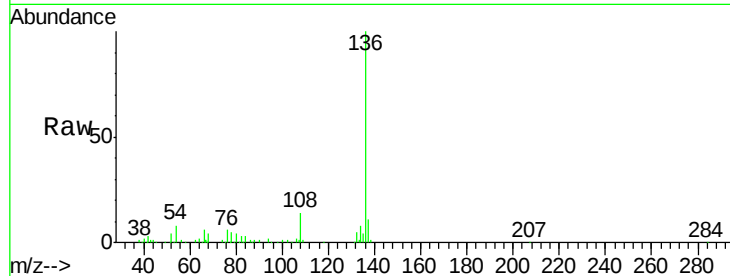




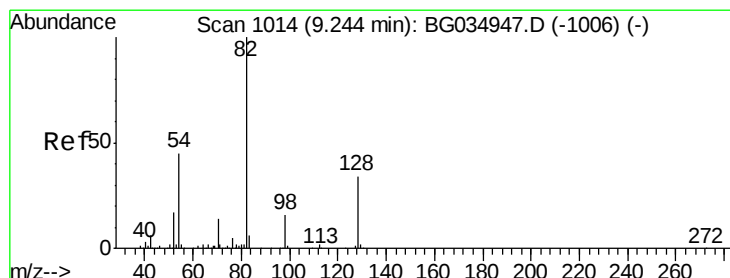
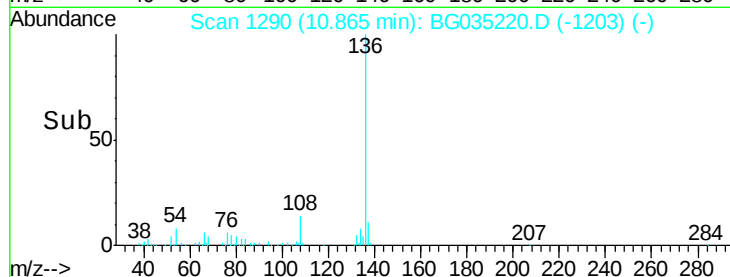
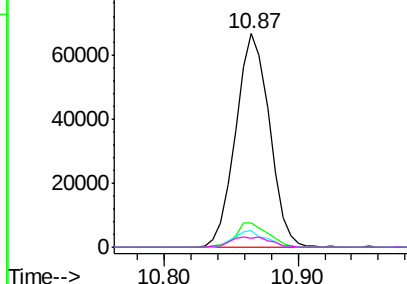
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Instrument :
BNA_G
ClientSampleId :
SB-40-COMP

Tgt Ion:	136	Resp:	116663
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	10.3	15.5#
68	4.4	4.5	6.7#

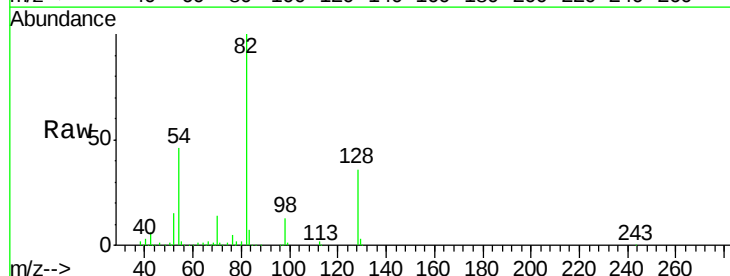


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

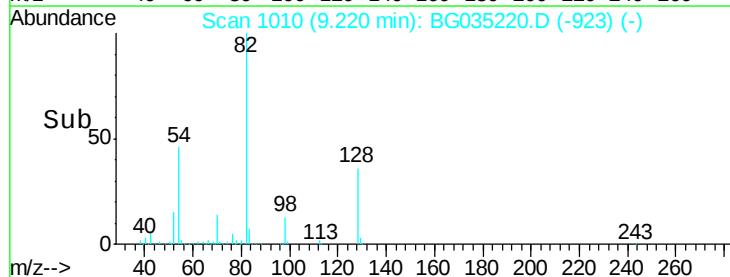
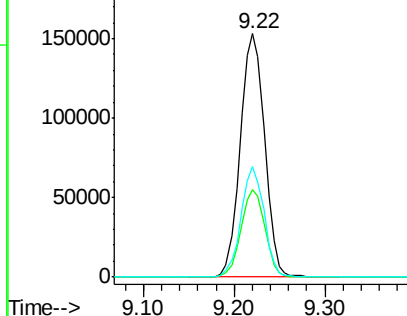


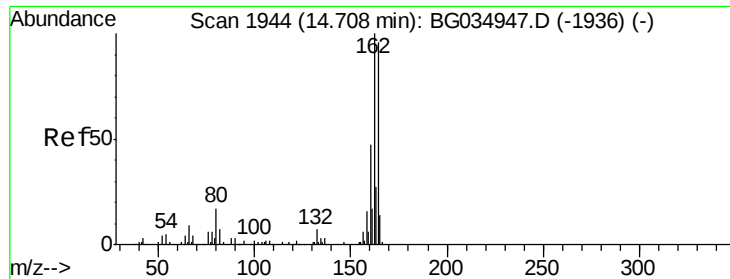
#23
Nitrobenzene-d5
Concen: 116.194 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Tgt Ion:	82	Resp:	285174
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	45.6	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG035220.D

Acq: 18 Jun 2018 15:55

Instrument :

BNA_G

ClientSampleId :

SB-40-COMP

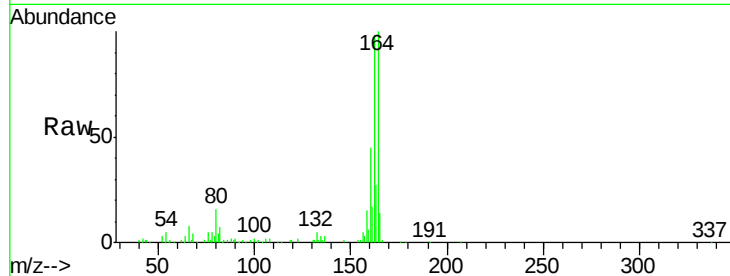
Tgt Ion:164 Resp: 82145

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

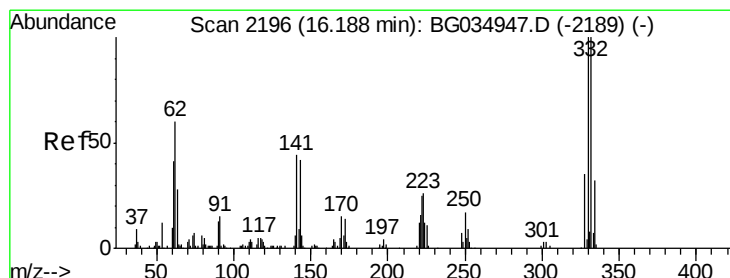
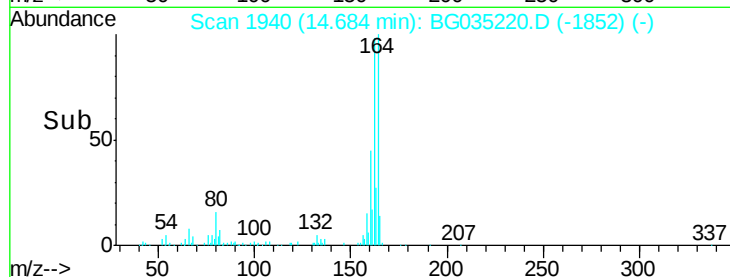
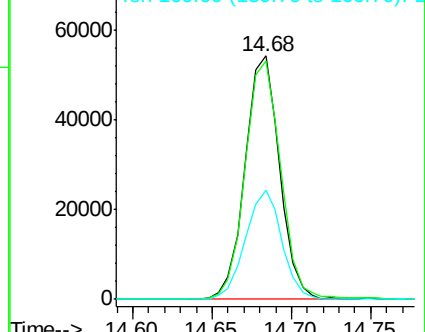
160 44.7 35.4 53.0



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: 211.119 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035220.D

Acq: 18 Jun 2018 15:55

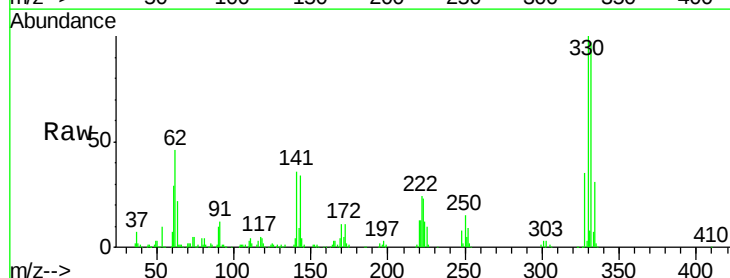
Tgt Ion:330 Resp: 222004

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

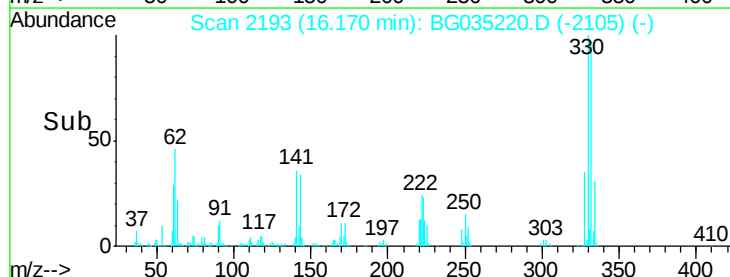
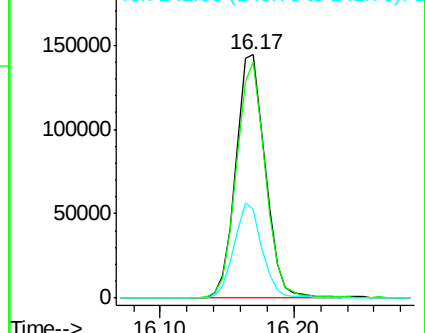
141 37.6 25.2 37.8

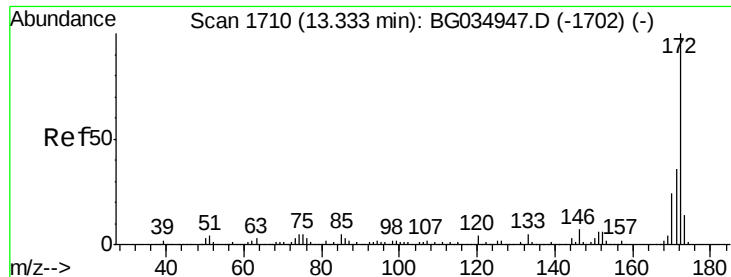


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

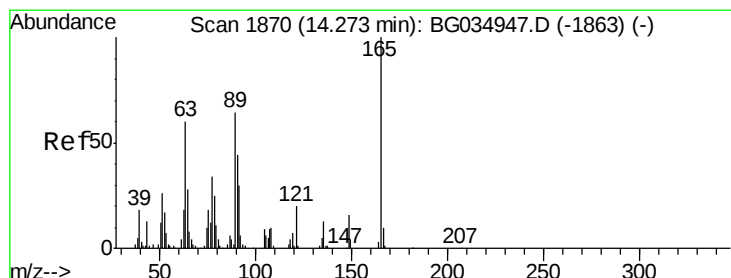
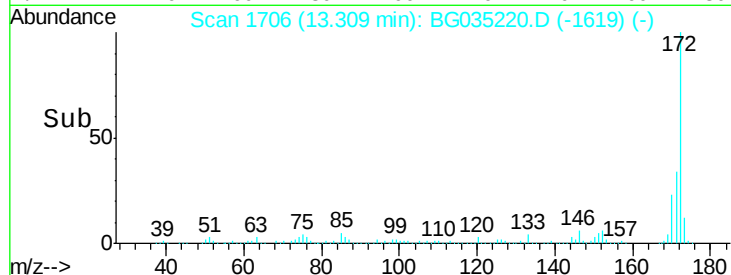
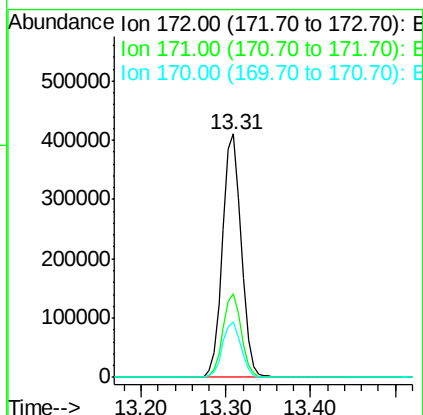
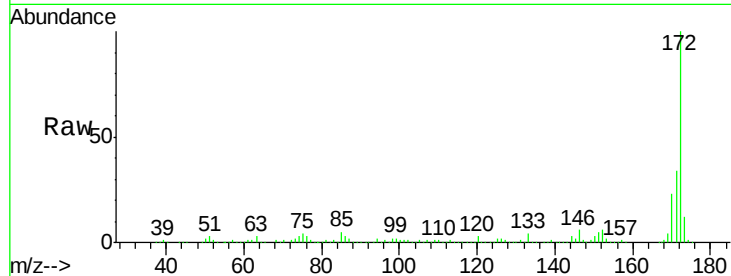




#44
 2-Fluorobiphenyl
 Concen: 100.232 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035220.D
 Acq: 18 Jun 2018 15:55

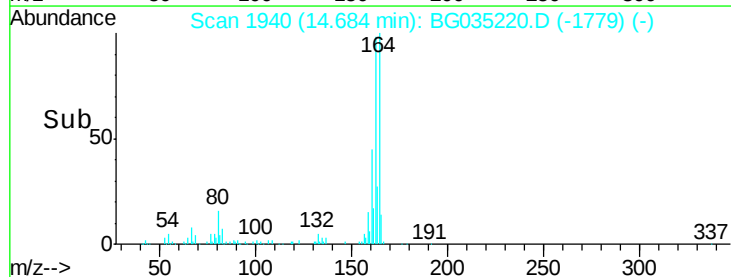
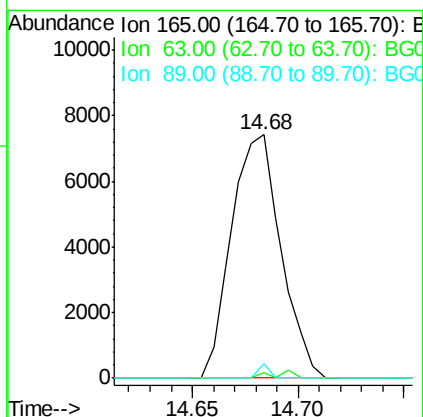
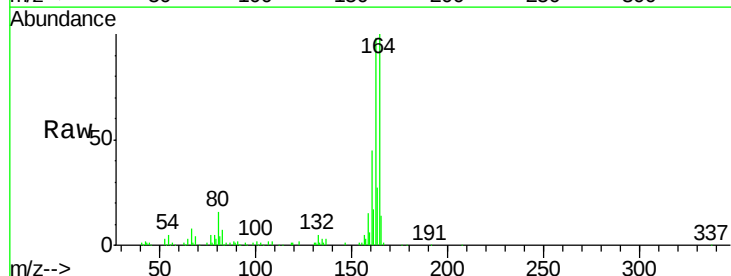
Instrument :
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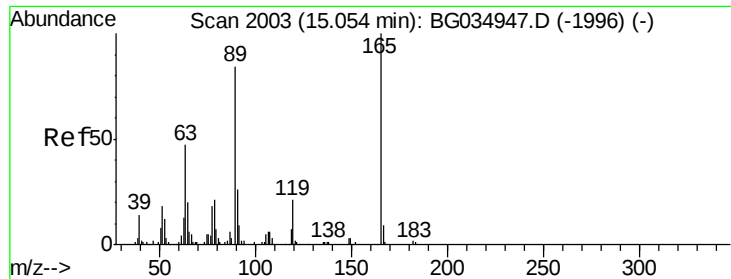
Tgt Ion:172 Resp: 633354
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 9.203 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035220.D
 Acq: 18 Jun 2018 15:55

Tgt Ion:165 Resp: 12027
 Ion Ratio Lower Upper
 165 100
 63 2.1 52.7 79.1#
 89 5.9 49.2 73.8#

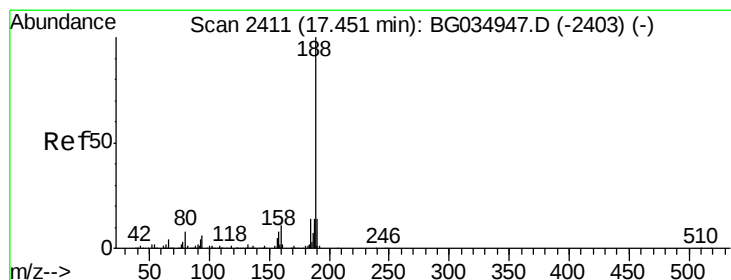
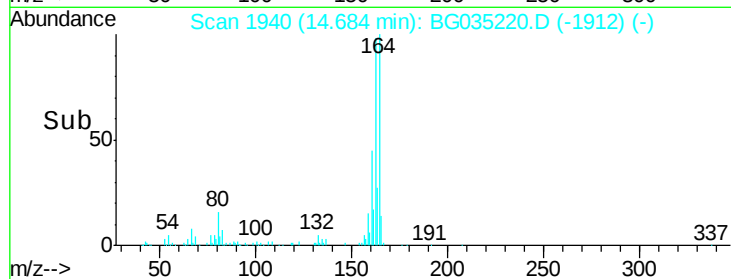
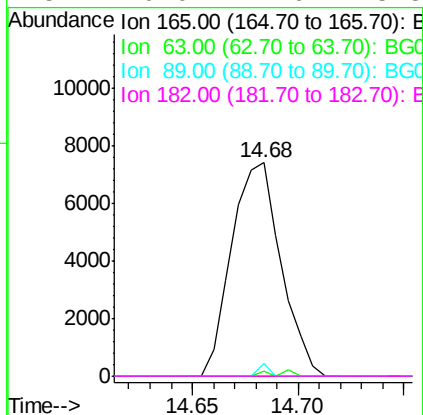
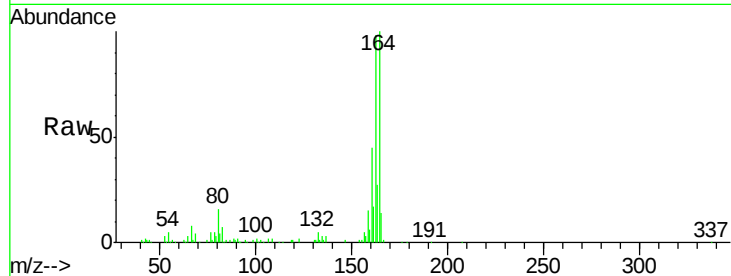




#56
 2,4-Dinitrotoluene
 Concen: 6.928 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035220.D
 Acq: 18 Jun 2018 15:55

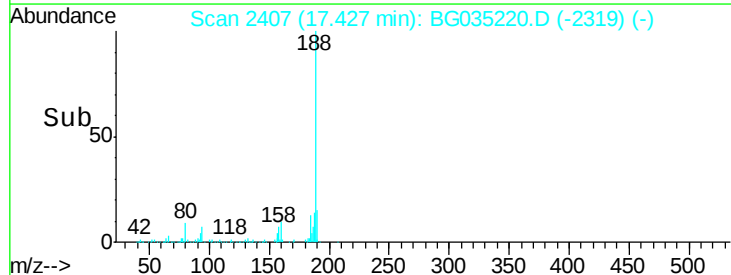
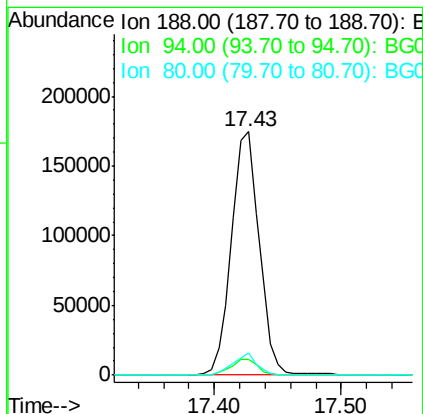
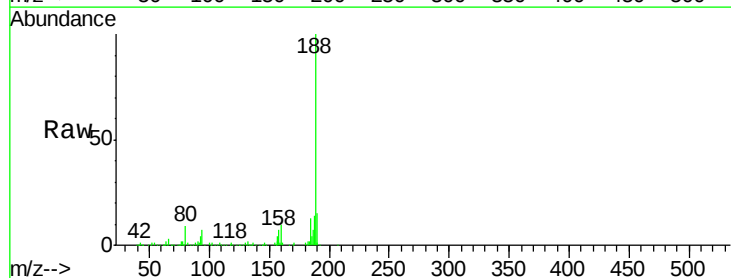
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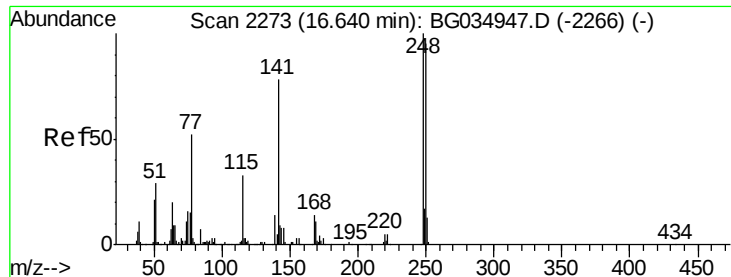
Tgt Ion:165 Resp: 12027
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 5.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035220.D
 Acq: 18 Jun 2018 15:55

Tgt Ion:188 Resp: 264054
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 8.9 7.7 11.5

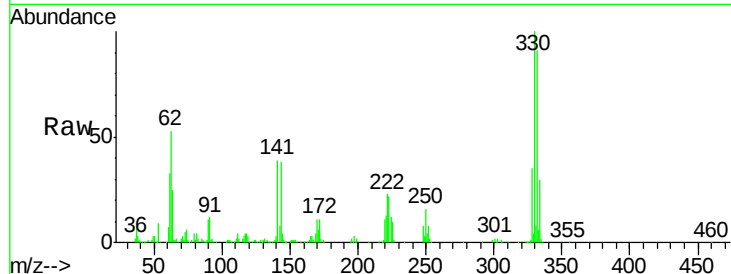




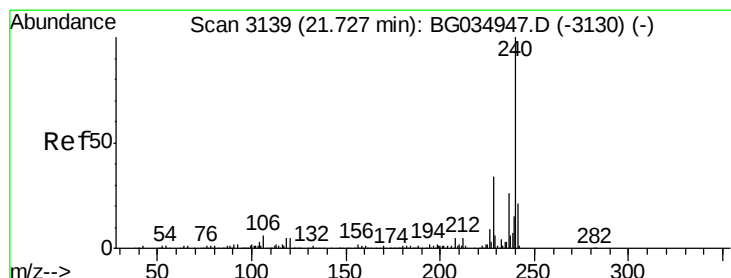
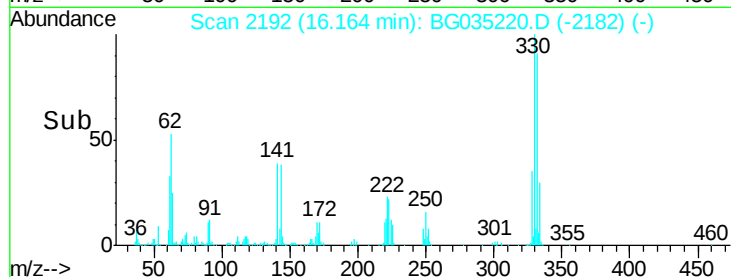
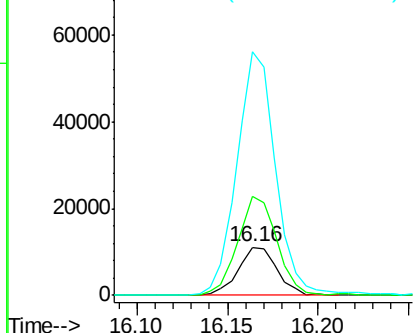
#66
4-Bromophenyl-phenylether
Concen: 5.220 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Instrument :
BNA_G
ClientSampleId :
SB-40-COMP

Tgt Ion:248 Resp: 16598
Ion Ratio Lower Upper
248 100
250 204.5 77.1 115.7#
141 502.9 50.8 76.2#

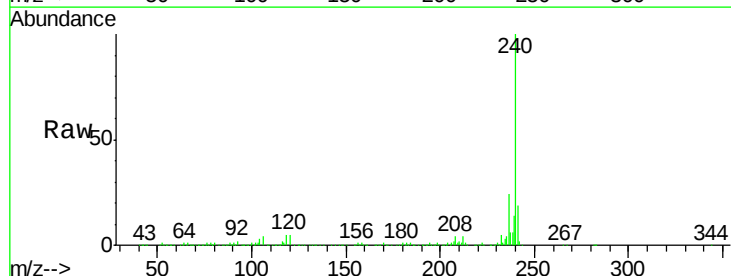


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

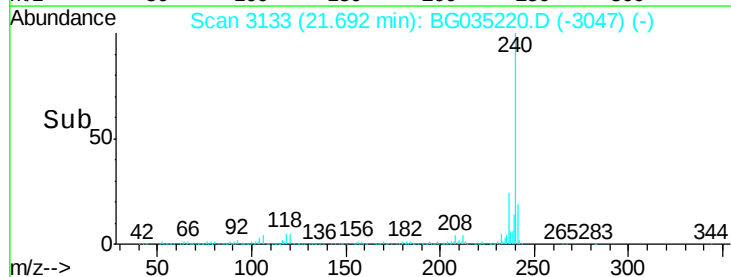
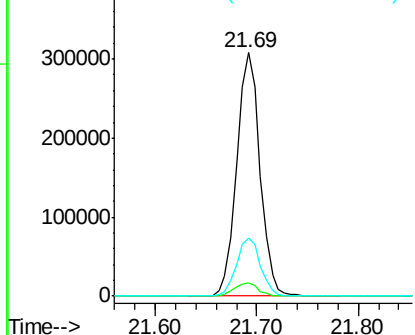


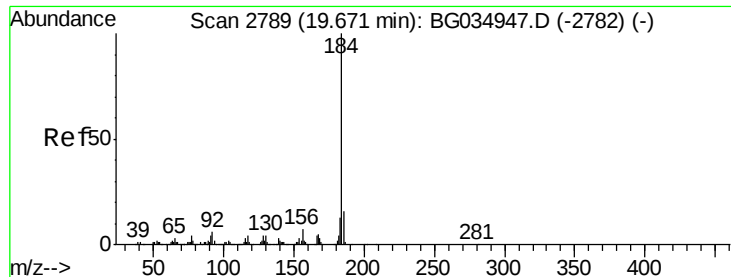
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Tgt Ion:240 Resp: 490532
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 23.9 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: 2.277 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035220.D

Acq: 18 Jun 2018 15:55

Instrument :

BNA_G

ClientSampleId :

SB-40-COMP

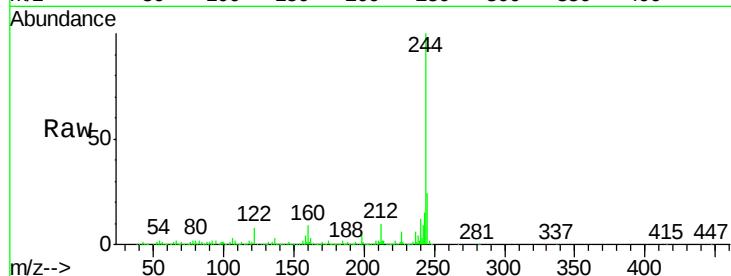
Tgt Ion:184 Resp: 41547

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

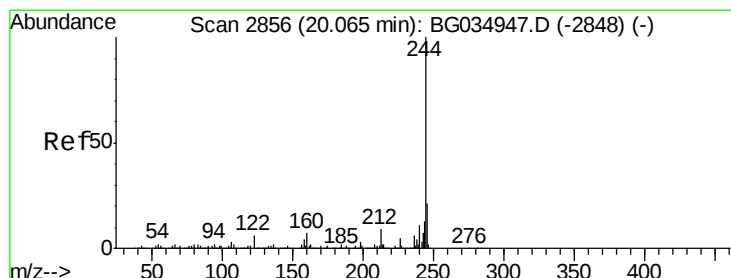
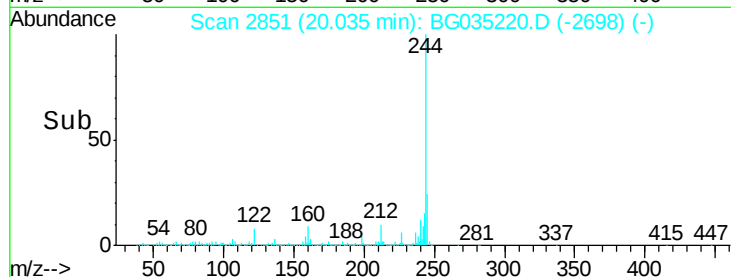
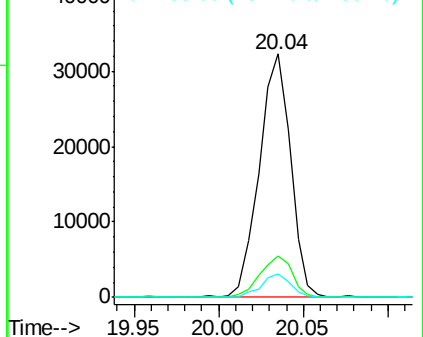
183 9.6 10.6 16.0#



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: 95.231 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035220.D

Acq: 18 Jun 2018 15:55

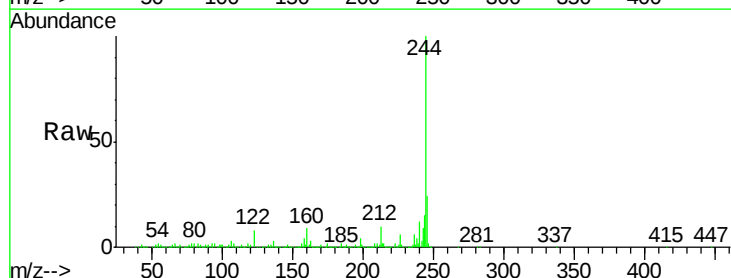
Tgt Ion:244 Resp: 2230136

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

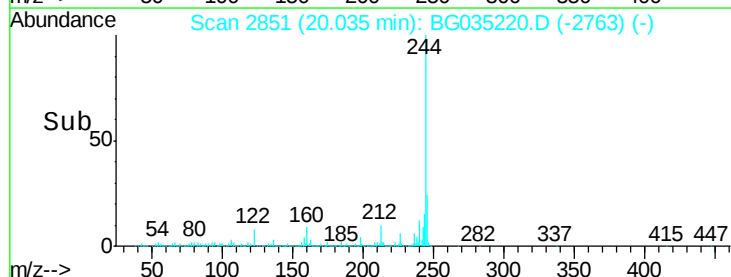
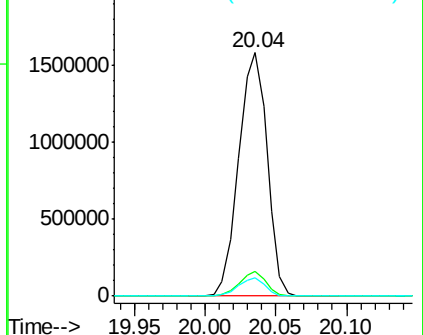
122 7.8 7.0 10.4

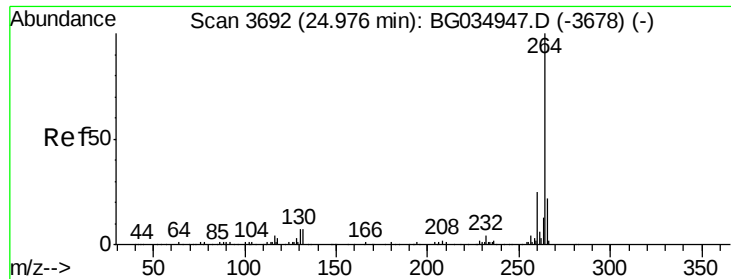


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

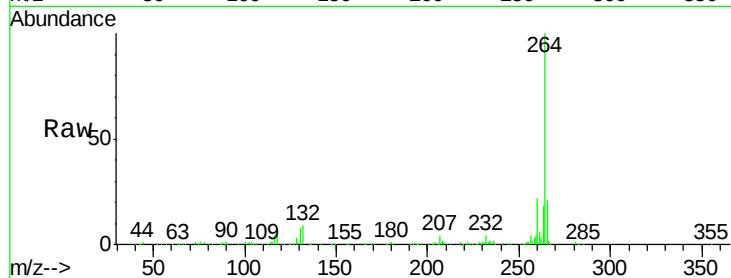




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035220.D
Acq: 18 Jun 2018 15:55

Instrument :
BNA_G
ClientSampleId :
SB-40-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	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

