

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035223.D
 Acq On : 18 Jun 2018 17:52
 Operator : SJ/JU
 Sample : J3464-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-43-COMP

Quant Time: Jun 19 01:27:57 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

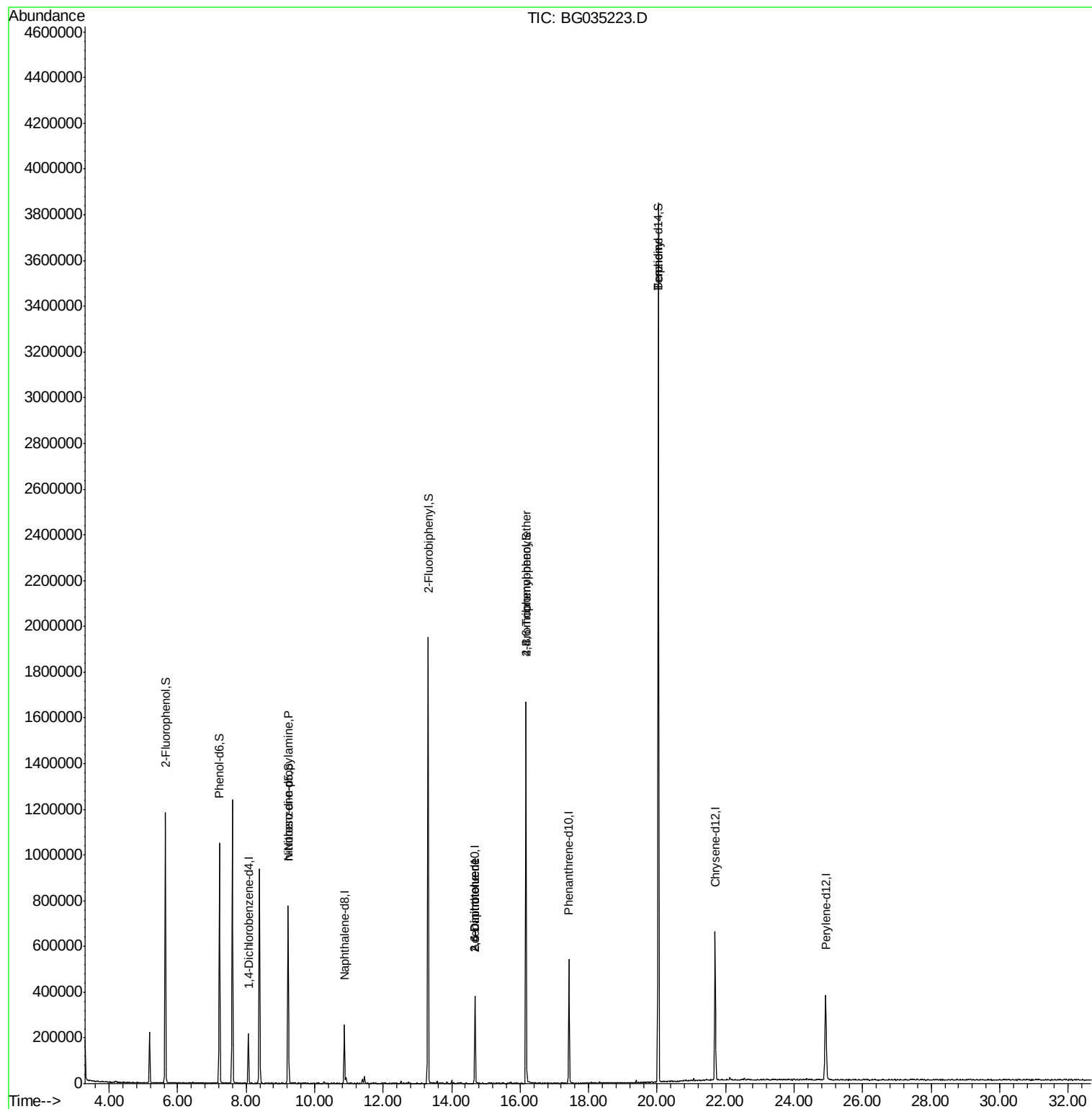
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63069	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	215670	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	137038	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	356704	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	421503	20.00	ng	-0.02
86) Perylene-d12	24.92	264	417771	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	496327	132.81	ng	0.00
7) Phenol-d6	7.22	99	631046	114.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	515597	113.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	313483	178.70	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1087138	103.13	ng	-0.02
78) Terphenyl-d14	20.03	244	1900451	94.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	72264	15.421	ng	# 62
50) 2,6-Dinitrotoluene	14.69	165	19242	8.826	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	19242	6.644	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	24334	5.665	ng	# 1
76) Benzidine	20.03	184	33400	2.130	ng	# 88

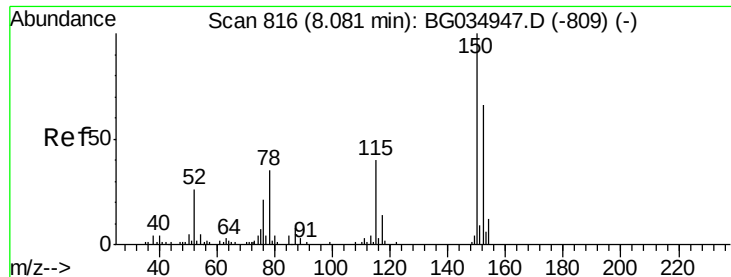
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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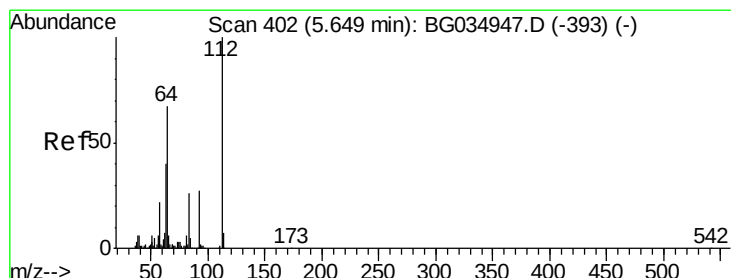
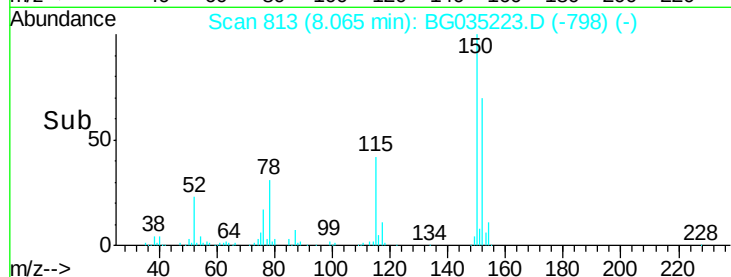
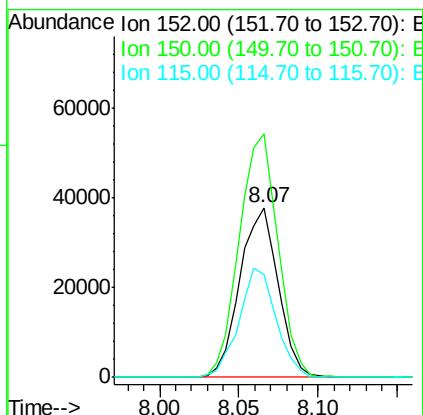
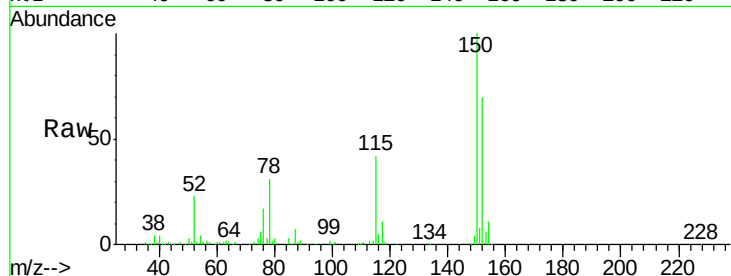


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

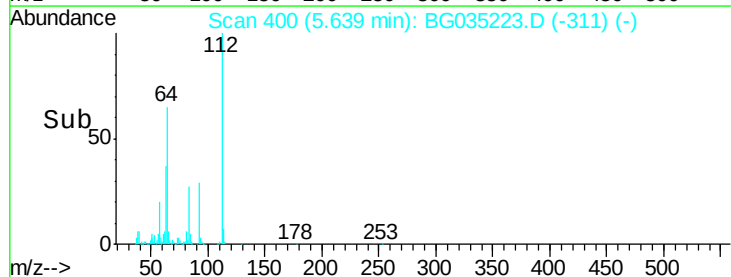
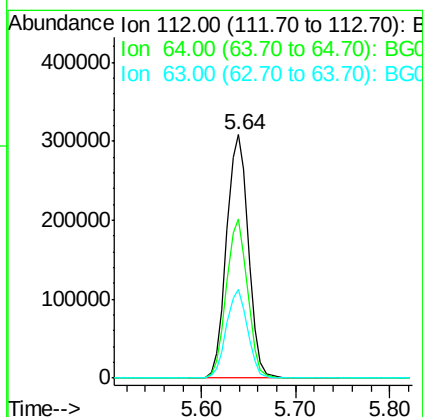
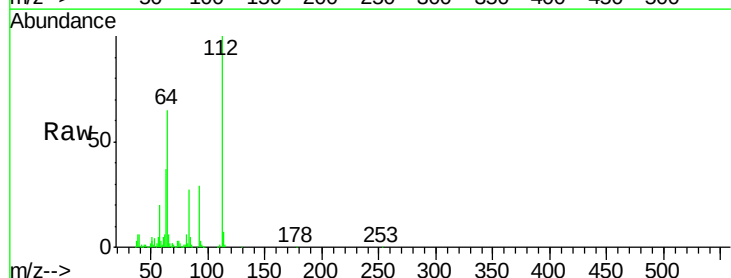
Tgt Ion:152 Resp: 63069
Ion Ratio Lower Upper
152 100
150 143.5 126.6 189.8
115 60.2 53.0 79.4

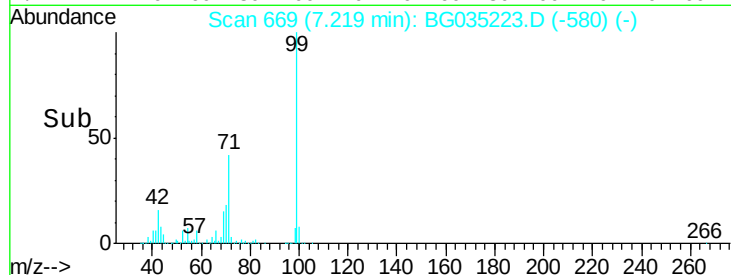
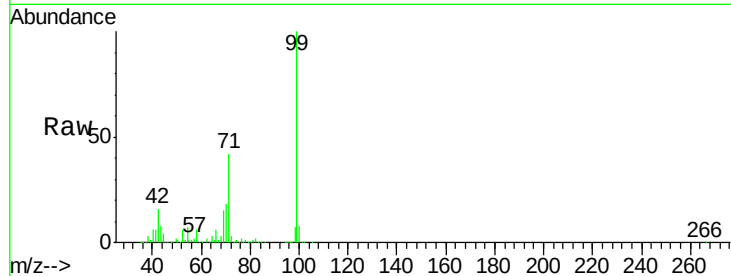
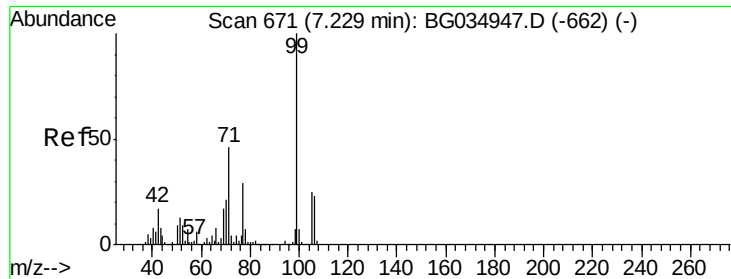


#5

2-Fluorophenol
Concen: 132.808 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Tgt Ion:112 Resp: 496327
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 114.406 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035223.D

Acq: 18 Jun 2018 17:52

Instrument :

BNA_G

ClientSampleId :

SB-43-COMP

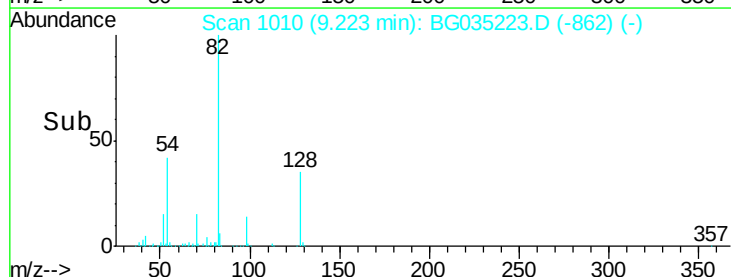
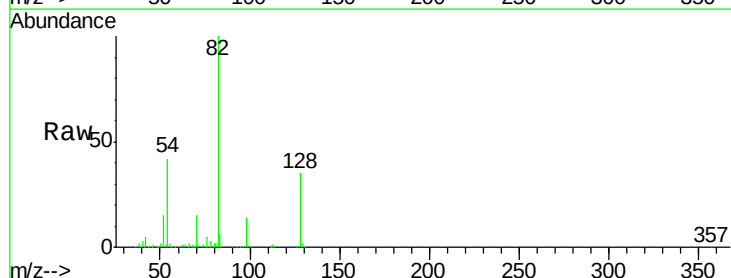
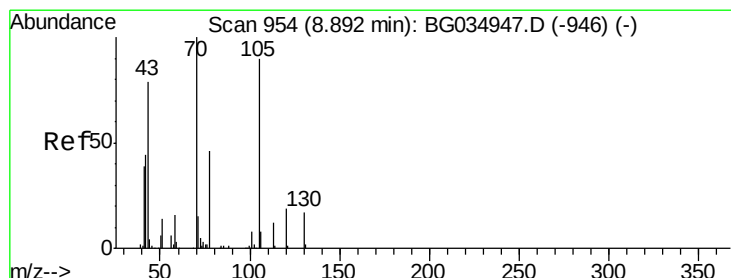
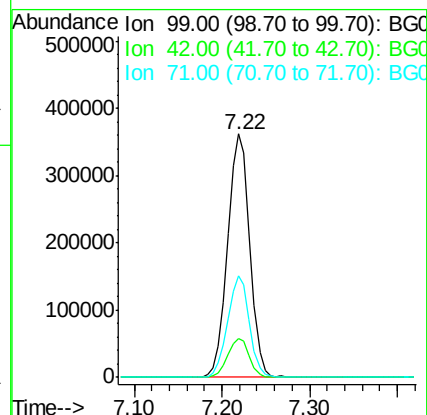
Tgt Ion: 99 Resp: 631046

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 41.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.421 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035223.D

Acq: 18 Jun 2018 17:52

Tgt Ion: 70 Resp: 72264

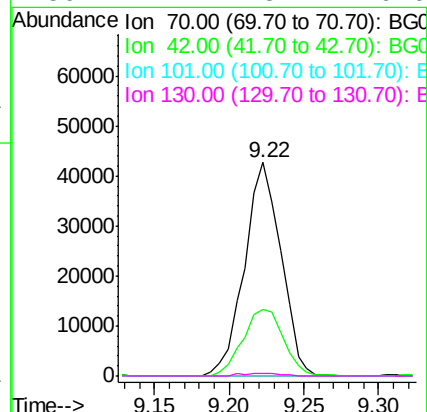
Ion Ratio Lower Upper

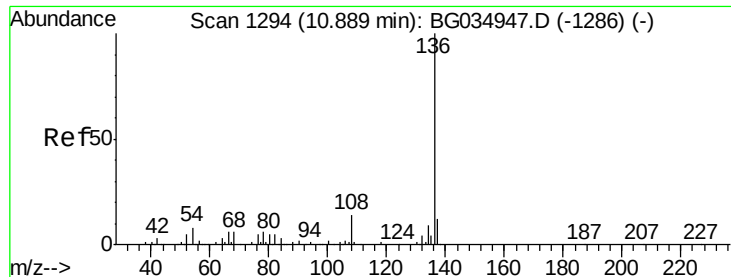
70 100

42 31.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

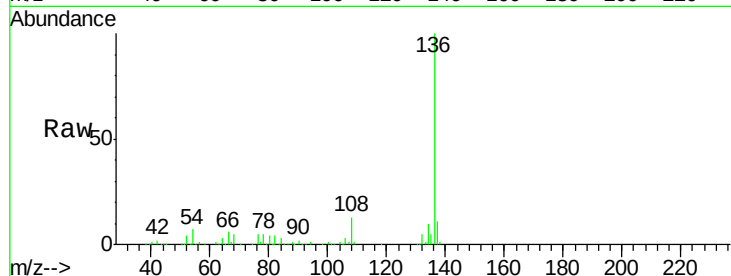




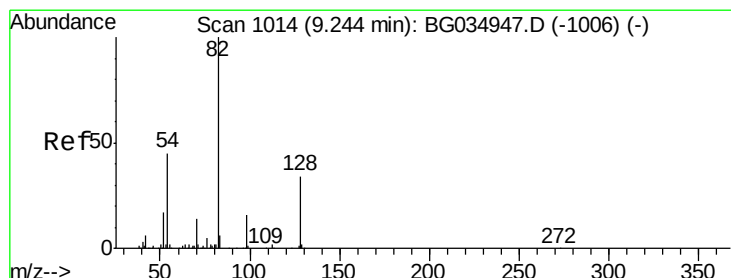
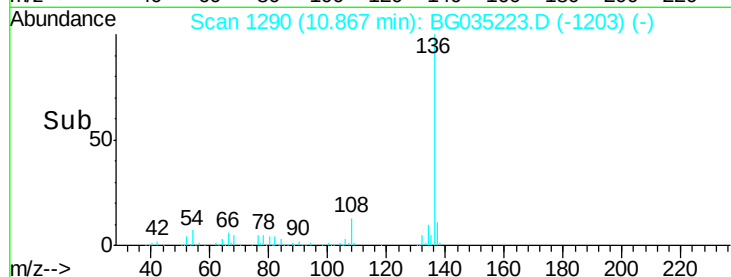
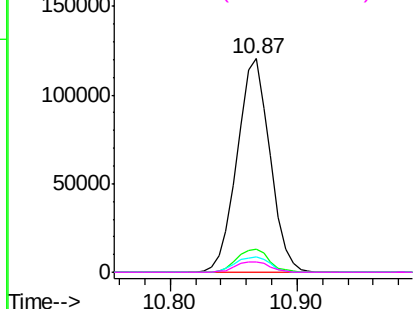
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

Tgt Ion:	136	Resp:	215670
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	10.3	15.5#
68	4.6	4.5	6.7

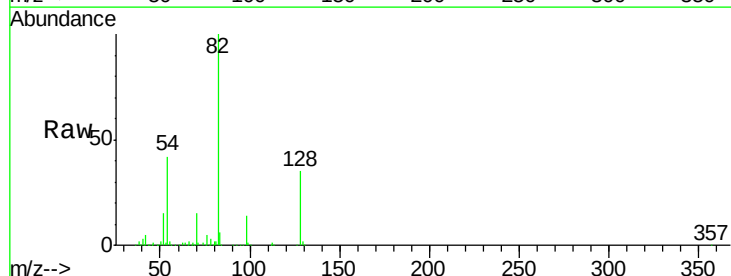


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

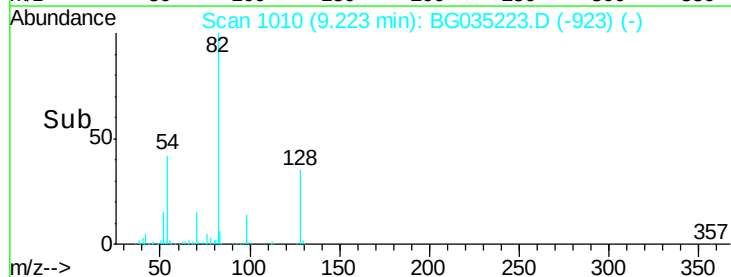
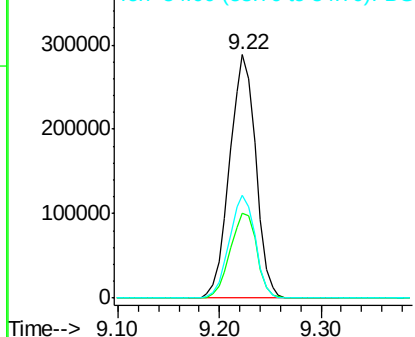


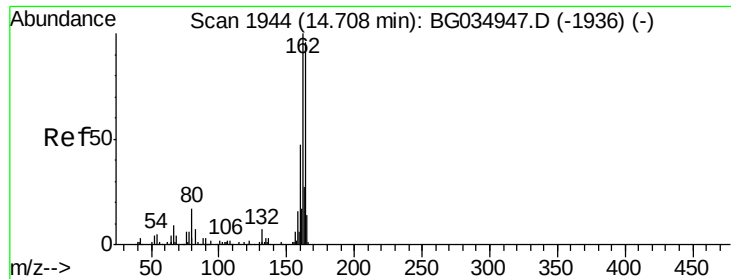
#23
Nitrobenzene-d5
Concen: 113.639 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Tgt Ion:	82	Resp:	515597
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.3	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# 1939

Delta R.T. -0.02 min

Lab File: BG035223.D

Acq: 18 Jun 2018 17:52

Instrument :

BNA_G

ClientSampleId :

SB-43-COMP

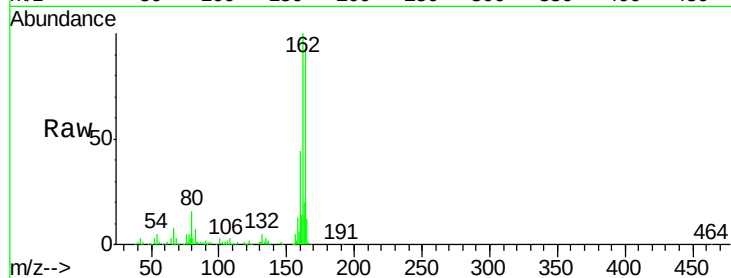
Tgt Ion:164 Resp: 137038

Ion Ratio Lower Upper

164 100

162 108.0 78.8 118.2

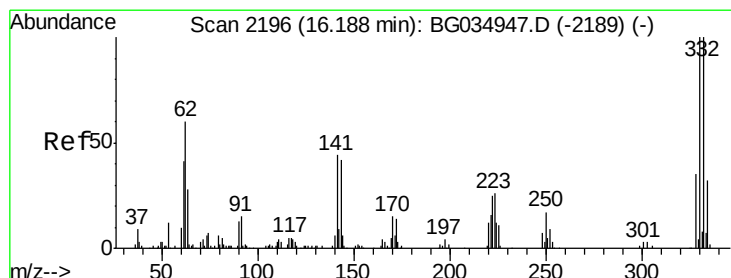
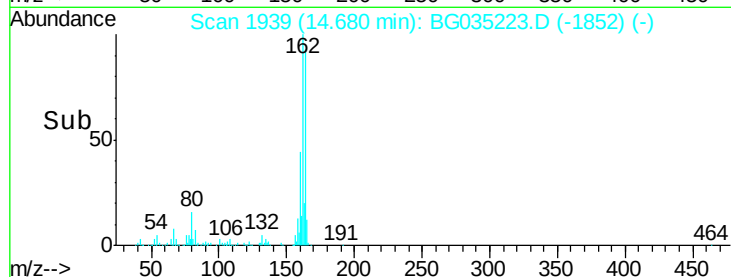
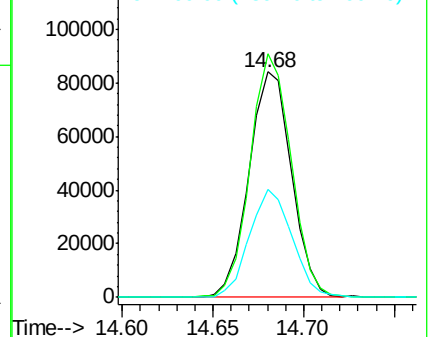
160 47.9 35.4 53.0



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: 178.698 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035223.D

Acq: 18 Jun 2018 17:52

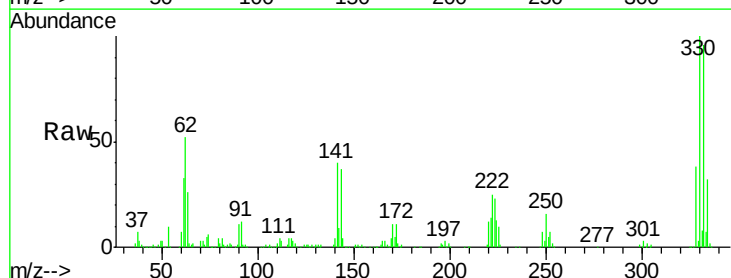
Tgt Ion:330 Resp: 313483

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

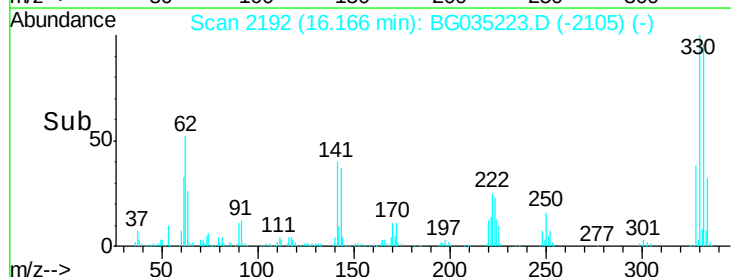
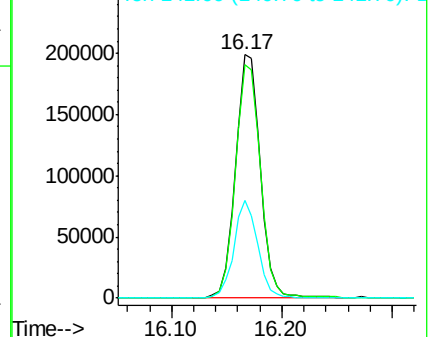
141 38.7 25.2 37.8#

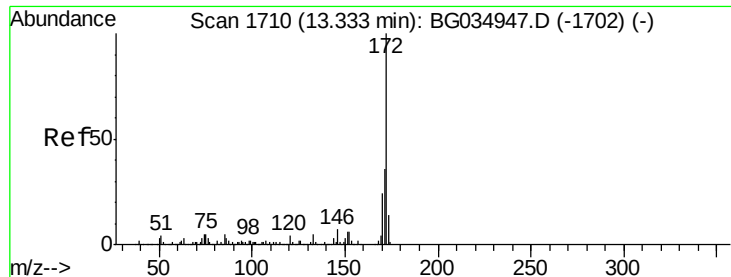


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

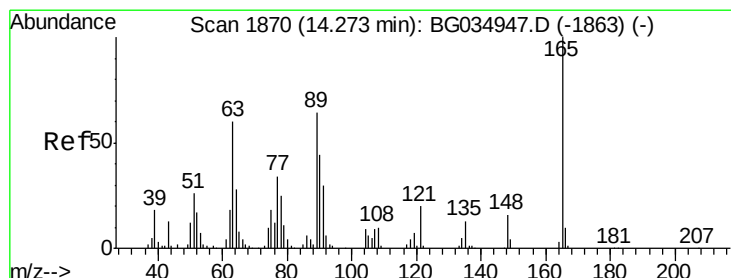
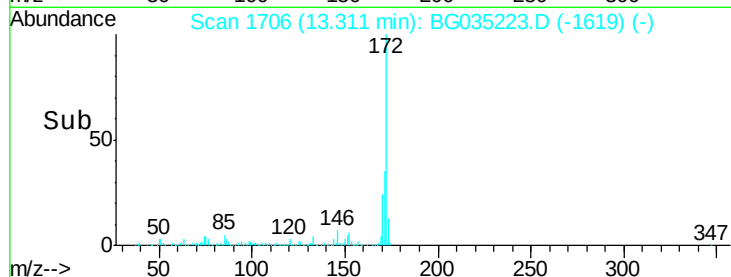
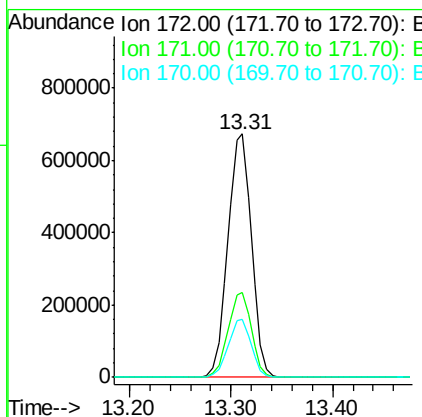
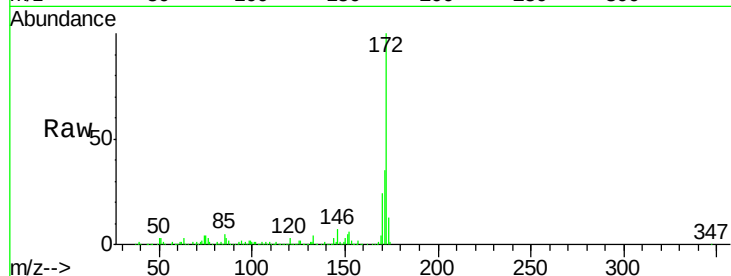




#44
2-Fluorobiphenyl
Concen: 103.130 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

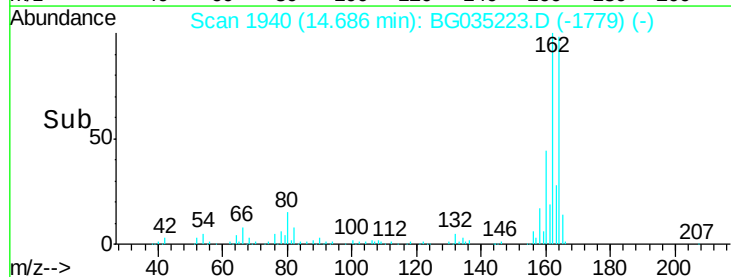
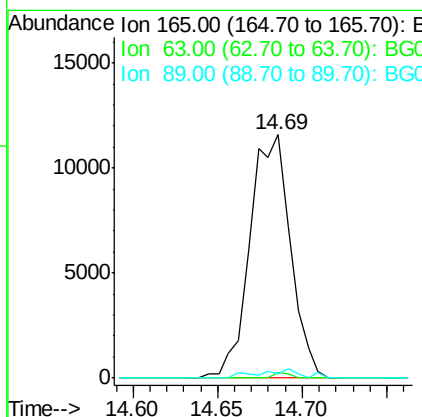
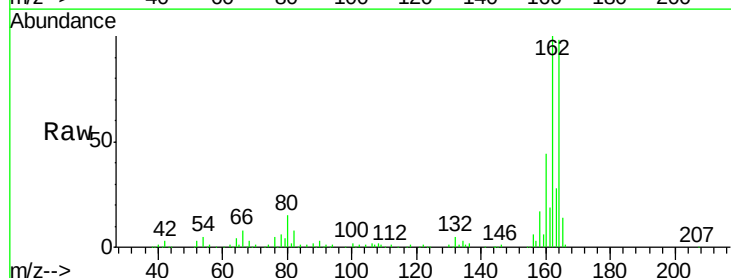
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SB-43-COMP

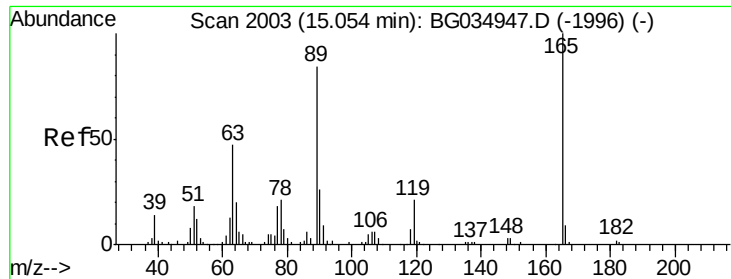
Tgt Ion:172 Resp: 1087138
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.826 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Tgt Ion:165 Resp: 19242
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 1.9 49.2 73.8#

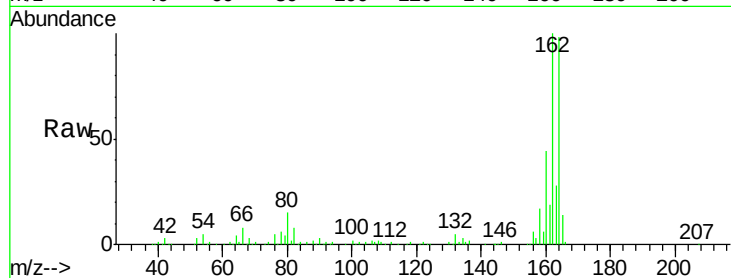




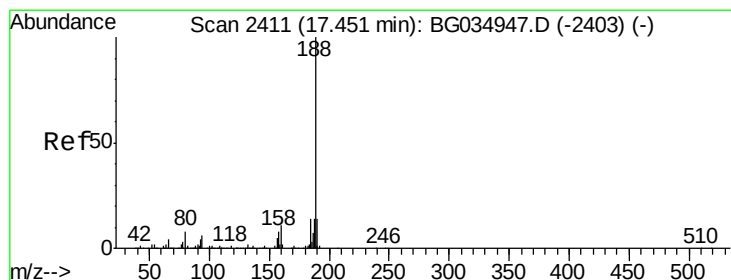
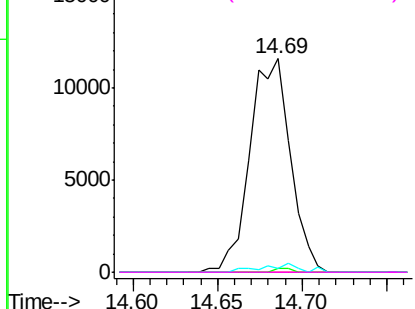
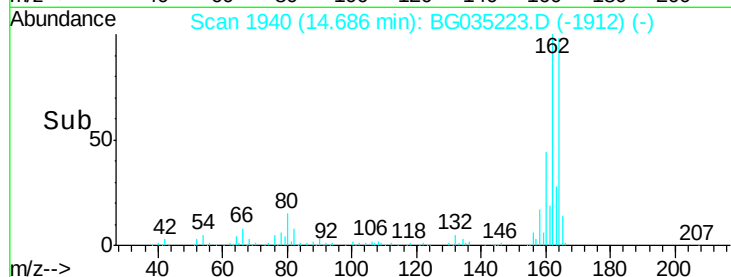
#56
 2,4-Dinitrotoluene
 Concen: 6.644 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035223.D
 Acq: 18 Jun 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-43-COMP

Tgt Ion:165 Resp: 19242
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

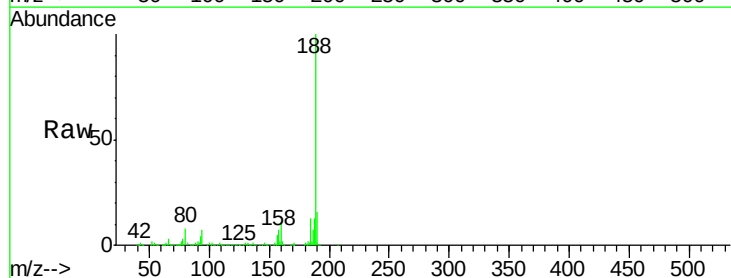


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

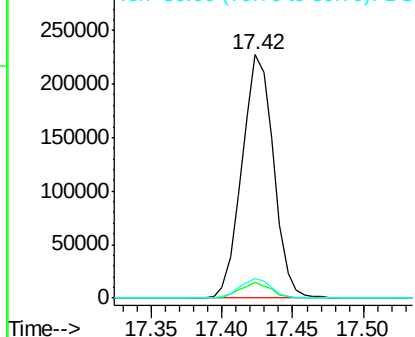
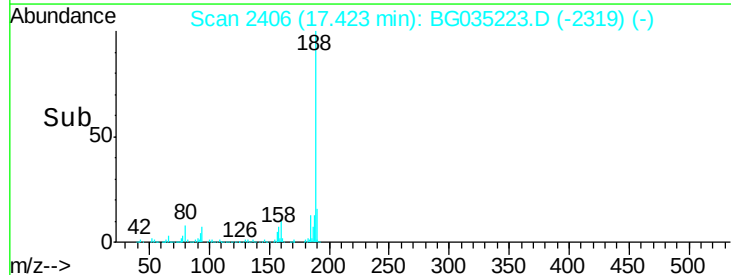


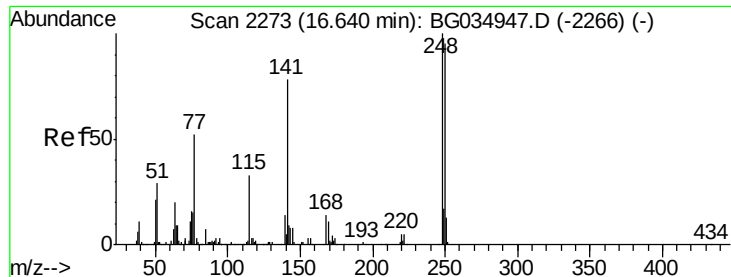
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035223.D
 Acq: 18 Jun 2018 17:52

Tgt Ion:188 Resp: 356704
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.9 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

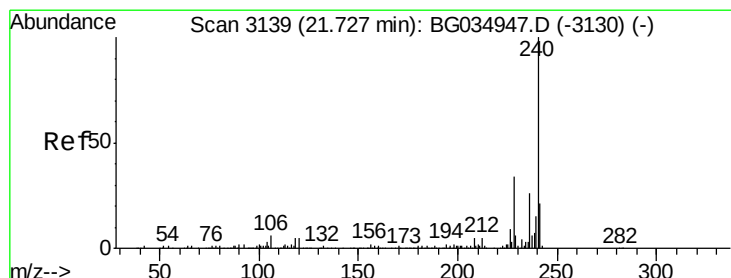
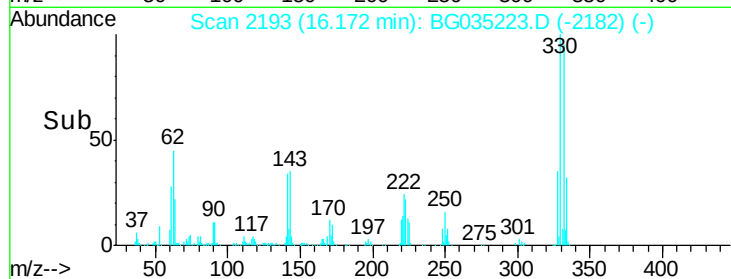
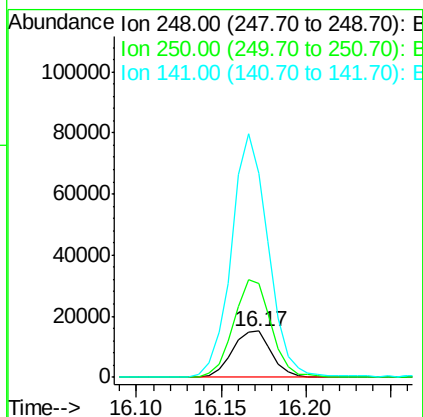
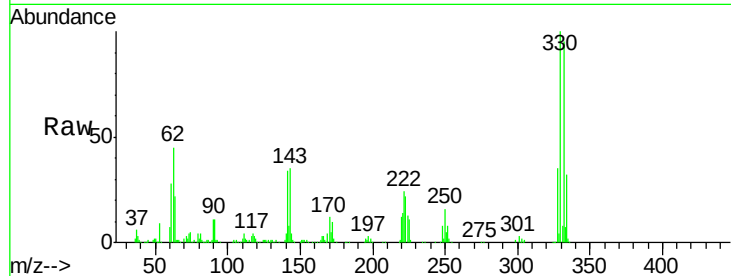




#66
4-Bromophenyl-phenylether
Concen: 5.665 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

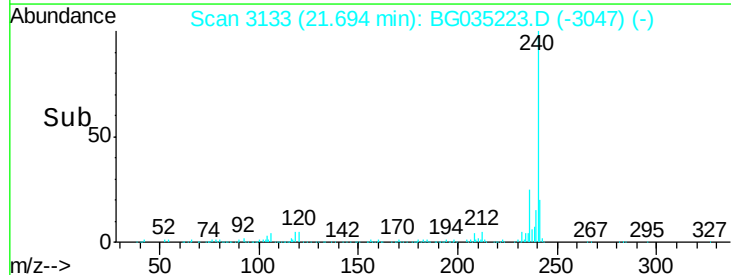
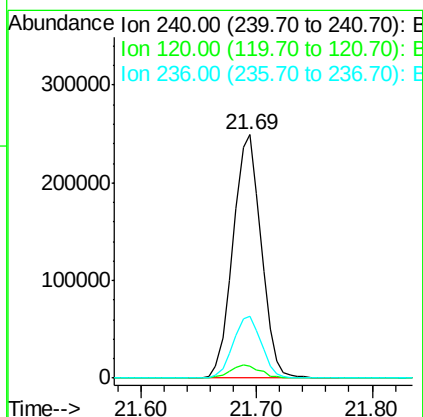
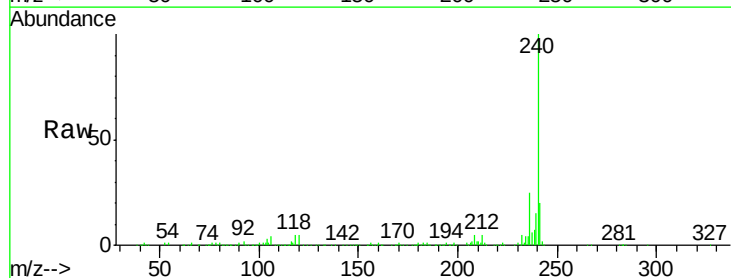
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BNA_G
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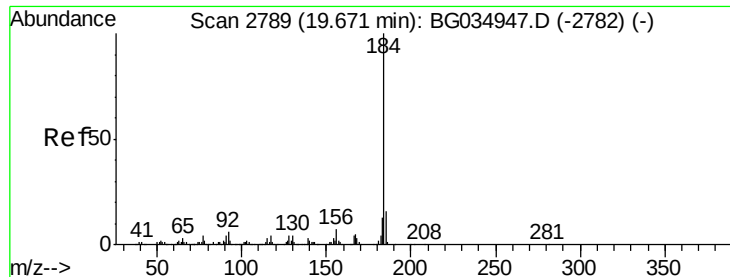
Tgt Ion:248 Resp: 24334
Ion Ratio Lower Upper
248 100
250 203.7 77.1 115.7#
141 444.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Tgt Ion:240 Resp: 421503
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.3 20.9 31.3

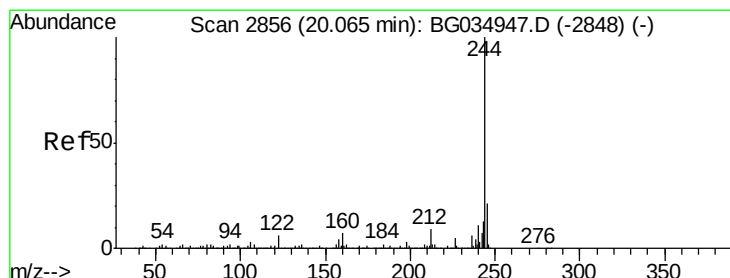
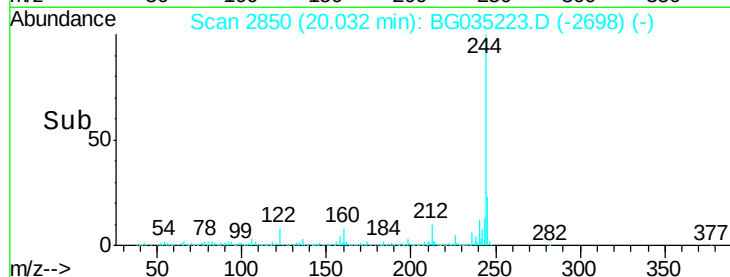
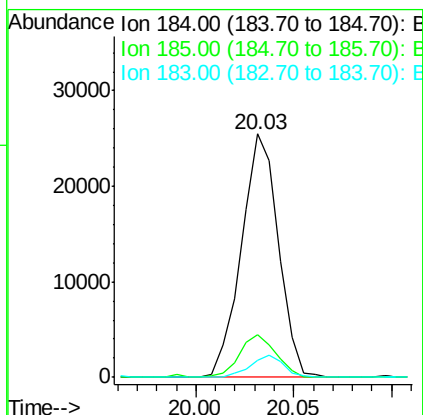
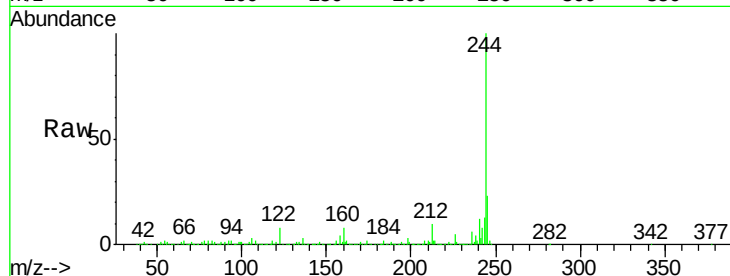




#76
Benzidine
Concen: 2.130 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

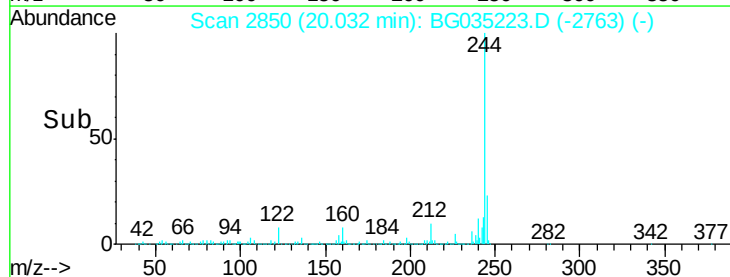
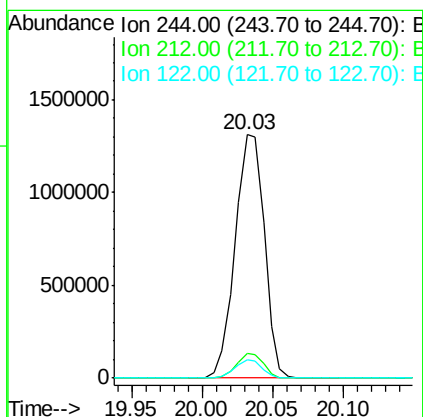
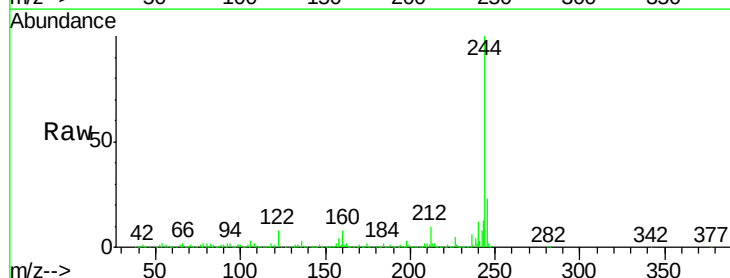
Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

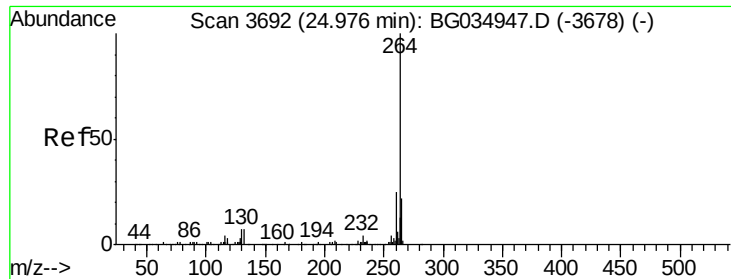
Tgt Ion:184 Resp: 33400
Ion Ratio Lower Upper
184 100
185 17.6 11.1 16.7#
183 7.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 94.444 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Tgt Ion:244 Resp: 1900451
Ion Ratio Lower Upper
244 100
212 9.9 5.8 8.8#
122 7.6 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035223.D
Acq: 18 Jun 2018 17:52

Instrument :
BNA_G
ClientSampleId :
SB-43-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.5	17.7	26.5

