

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039867.D
 Acq On : 12 Mar 2019 10:15
 Operator : JU/SJ
 Sample : K1837-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-06-COMP

Quant Time: Mar 12 11:08:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

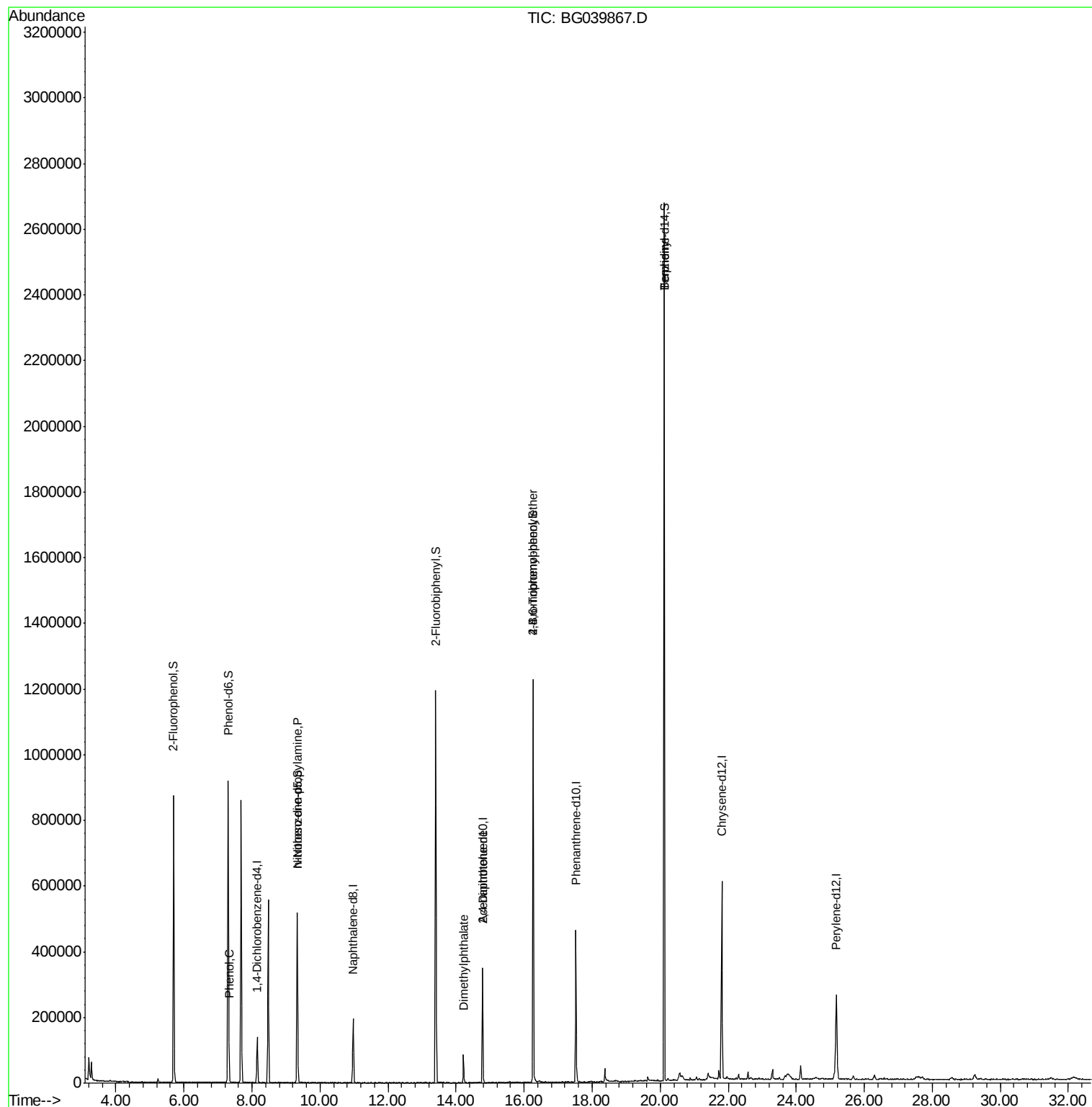
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38923	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	172261	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	122600	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	296436	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	313762	20.00	ng	-0.02
87) Perylene-d12	25.18	264	311312	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	358688	157.21	ng	-0.01
7) Phenol-d6	7.30	99	528425	155.33	ng	-0.01
23) Nitrobenzene-d5	9.33	82	315129	98.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	216900	151.79	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	657091	76.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1172033	82.25	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15269	4.143	ng	90
19) n-Nitroso-di-n-propylamine	9.33	70	41889	17.107	ng	# 66
50) Dimethylphthalate	14.22	163	56397	5.501	ng	96
57) 2,4-Dinitrotoluene	14.78	165	15264	4.998	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	16267	4.902	ng	# 1
77) Benzidine	20.12	184	20015	2.010	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: 8.15 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

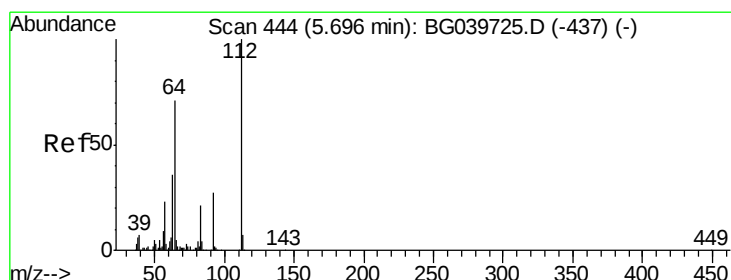
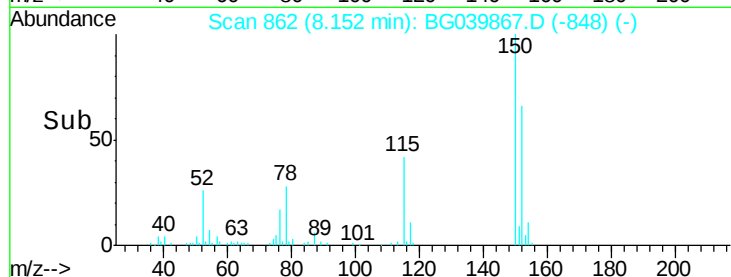
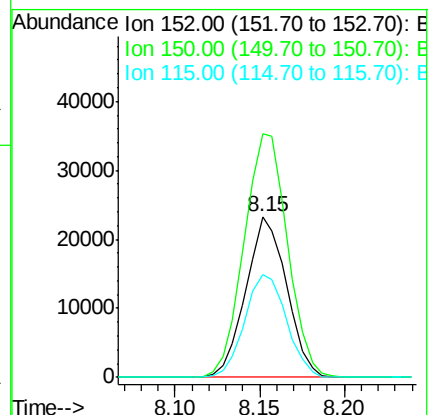
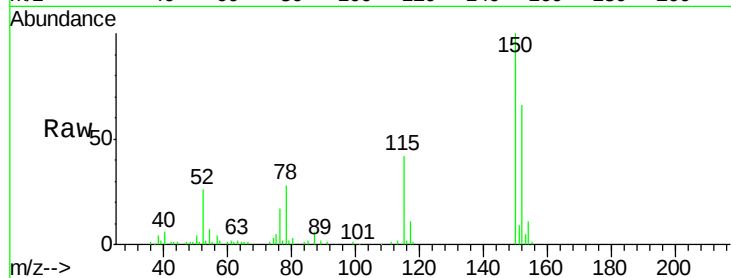
Tgt Ion:152 Resp: 38923

Ion Ratio Lower Upper

152 100

150 151.8 123.7 185.5

115 63.9 45.9 68.9



#5

2-Fluorophenol

Concen: 157.214 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

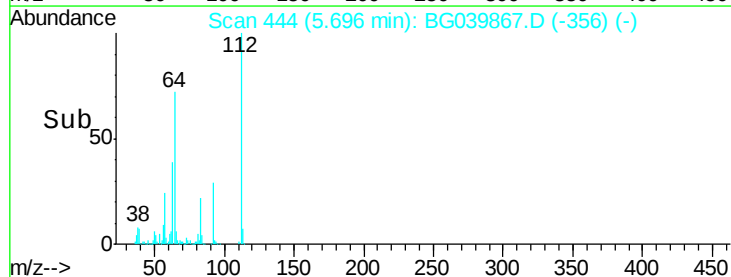
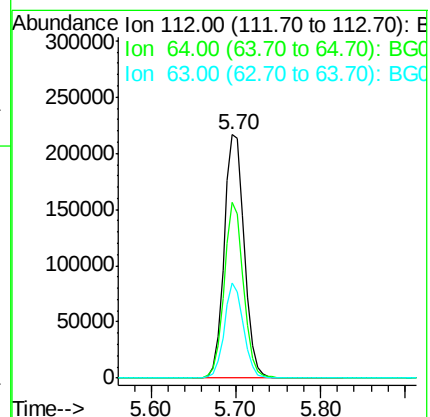
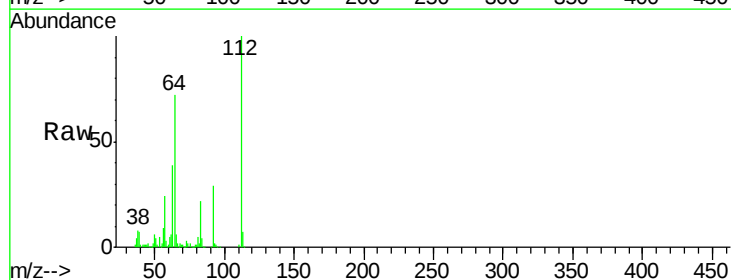
Tgt Ion:112 Resp: 358688

Ion Ratio Lower Upper

112 100

64 72.3 57.8 86.8

63 39.2 29.8 44.6





#7

Phenol-d6

Concen: 155.333 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

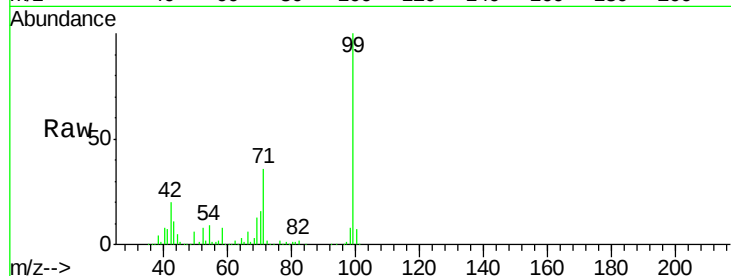
Tgt Ion: 99 Resp: 528425

Ion Ratio Lower Upper

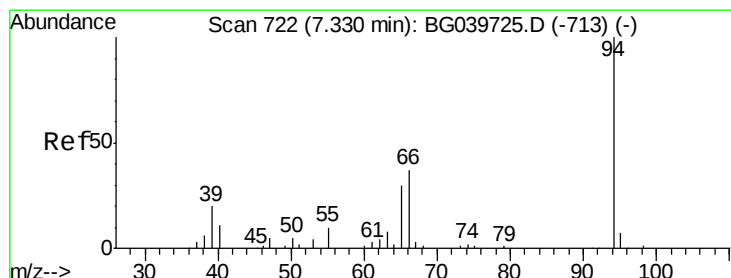
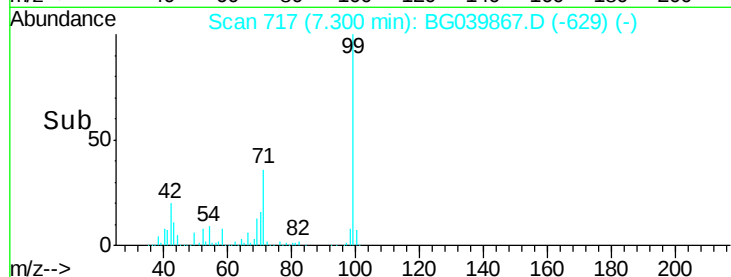
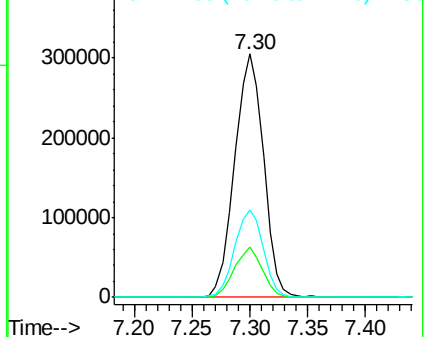
99 100

42 20.5 18.2 27.2

71 35.9 28.0 42.0



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



#10

Phenol

Concen: 4.143 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

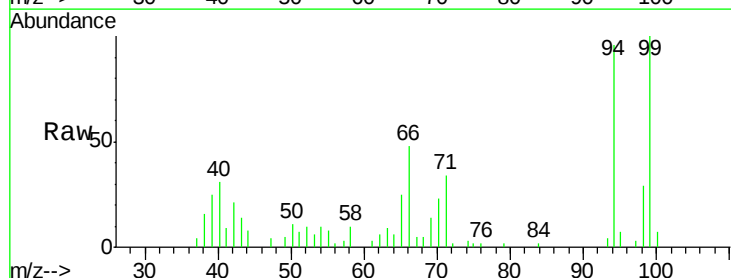
Tgt Ion: 94 Resp: 15269

Ion Ratio Lower Upper

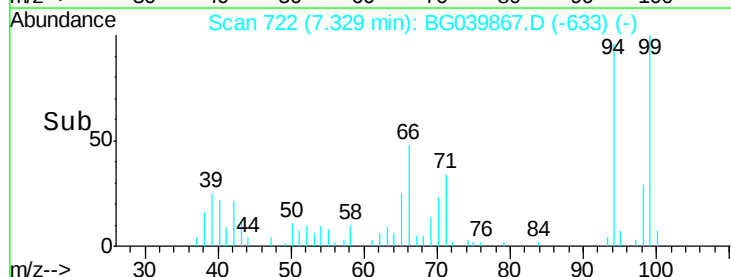
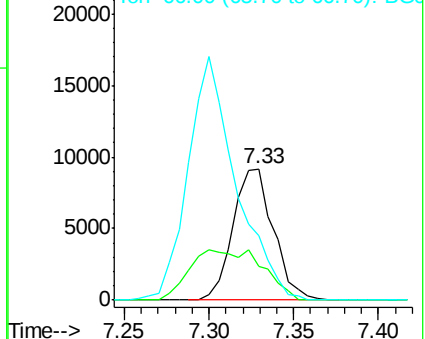
94 100

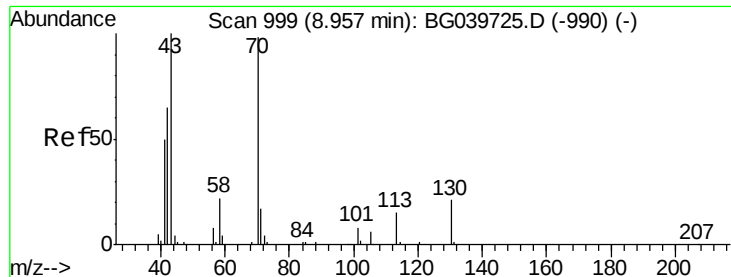
65 25.9 11.7 51.7

66 49.6 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

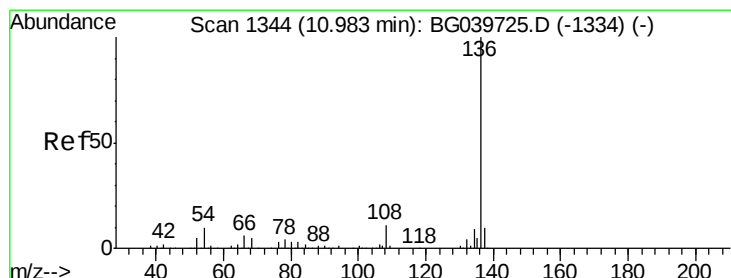
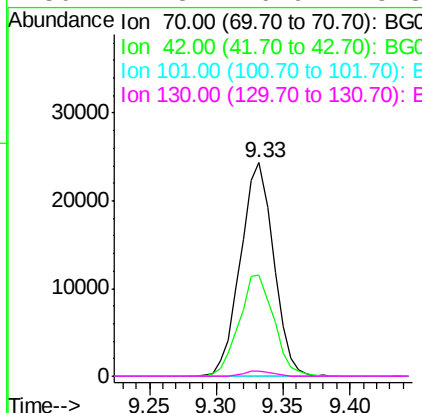
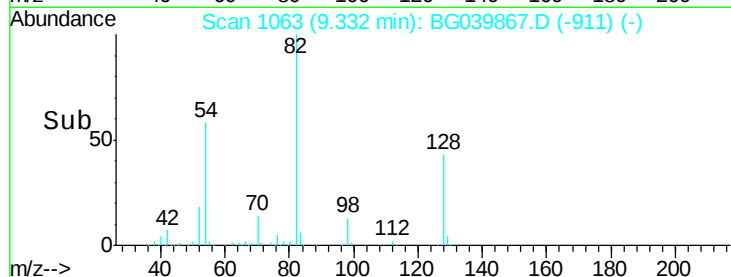
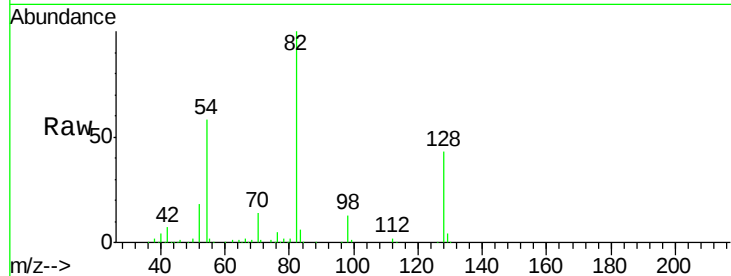




#19
n-Nitroso-di-n-propylamine
Concen: 17.107 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

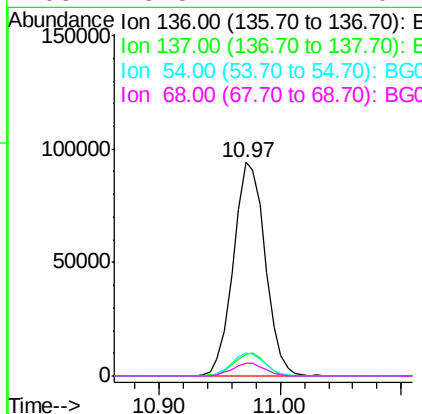
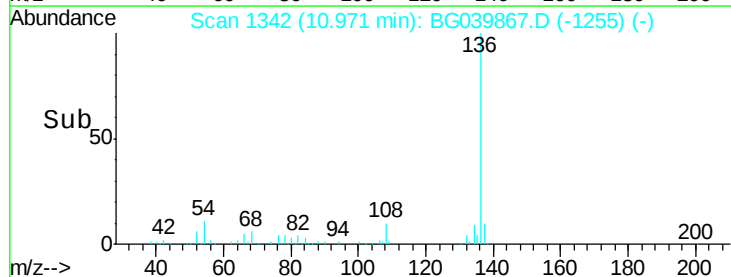
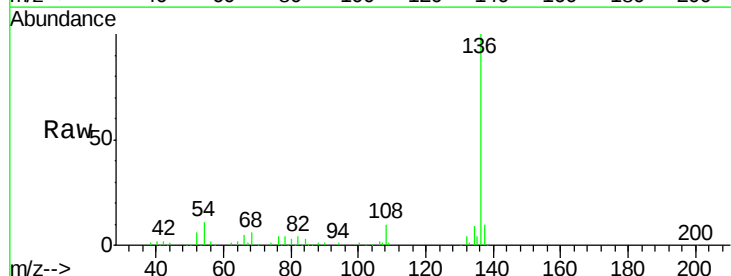
Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

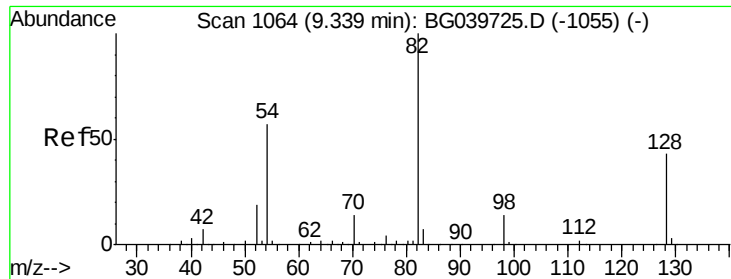
Tgt Ion: 70 Resp: 41889
Ion Ratio Lower Upper
70 100
42 47.4 60.4 90.6#
101 0.0 7.5 11.3#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

Tgt Ion: 136 Resp: 172261
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 10.6 9.4 14.2
68 5.8 4.2 6.4

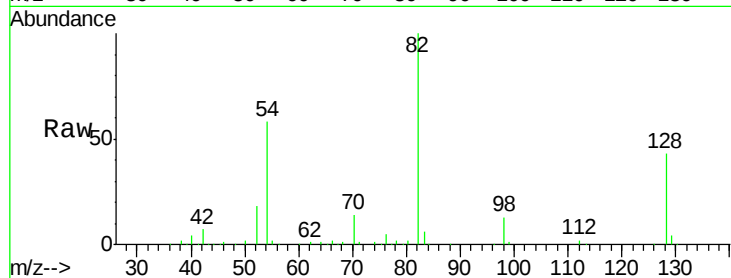




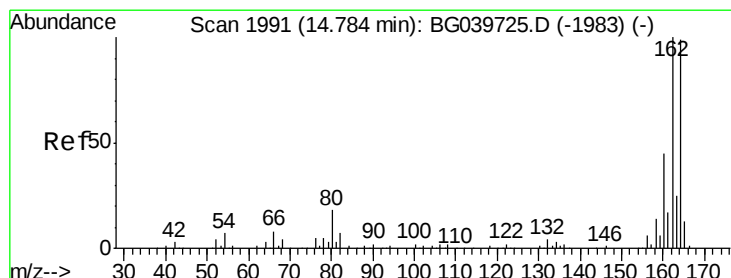
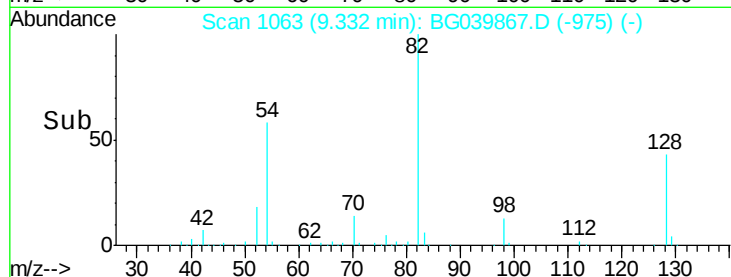
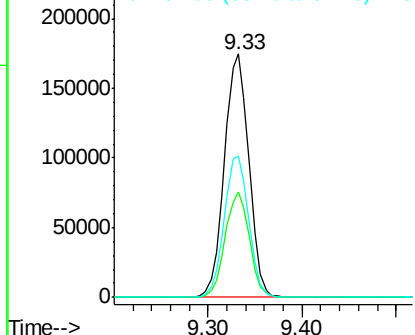
#23
 Nitrobenzene-d5
 Concen: 98.940 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039867.D
 Acq: 12 Mar 2019 10:15

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-06-COMP

Tgt Ion: 82 Resp: 315129
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.3 46.9
 54 57.8 50.9 76.3

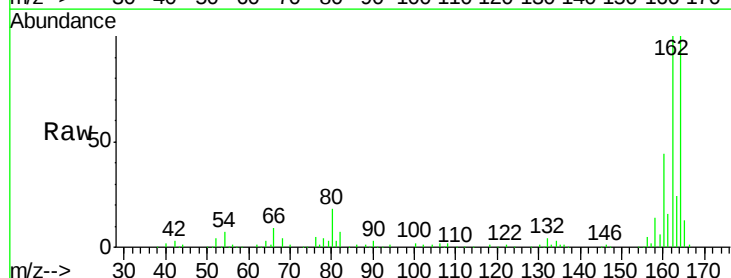


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

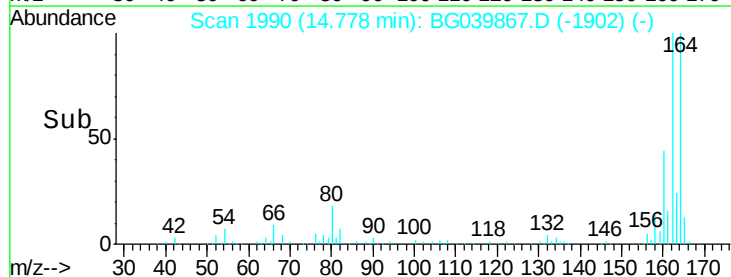
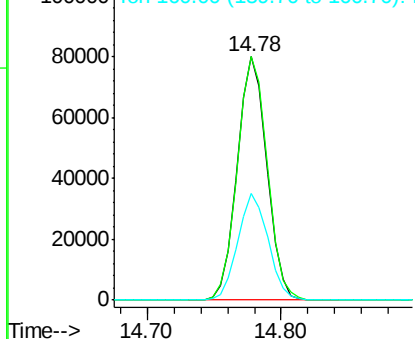


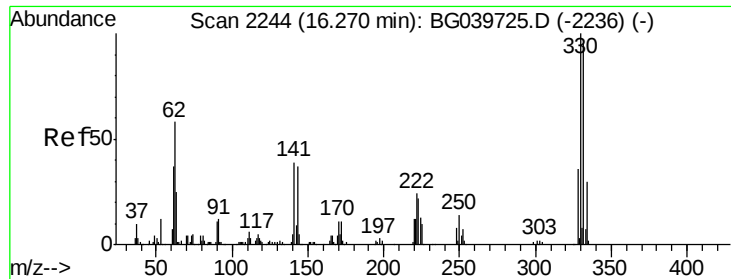
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039867.D
 Acq: 12 Mar 2019 10:15

Tgt Ion: 164 Resp: 122600
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.6 122.4
 160 43.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

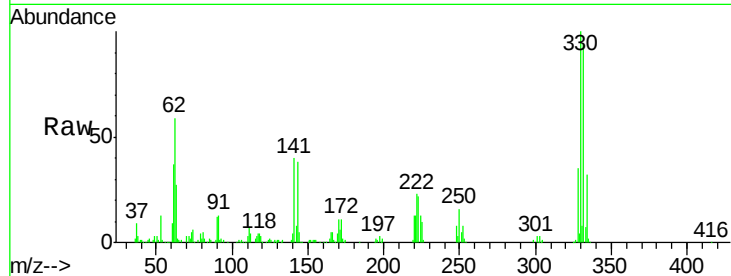




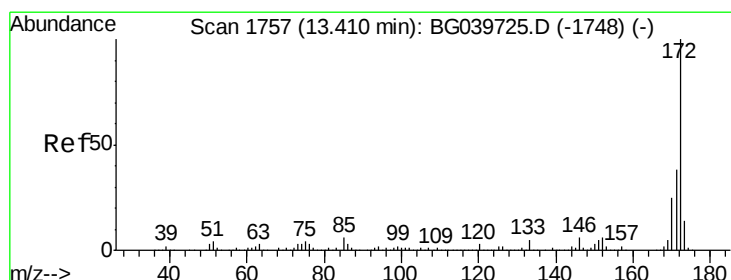
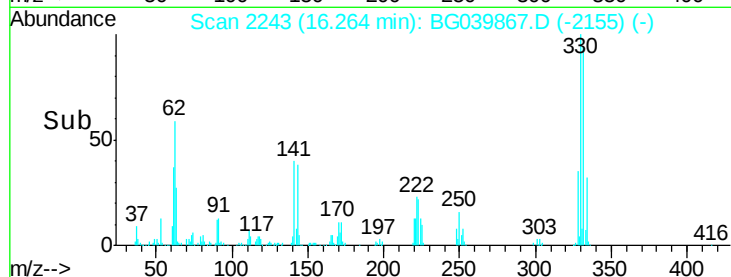
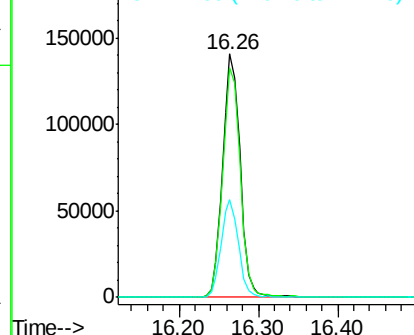
#42
 2,4,6-Tribromophenol
 Concen: 151.785 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039867.D
 Acq: 12 Mar 2019 10:15

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-06-COMP

Tgt Ion:330 Resp: 216900
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 39.6 35.6 53.4

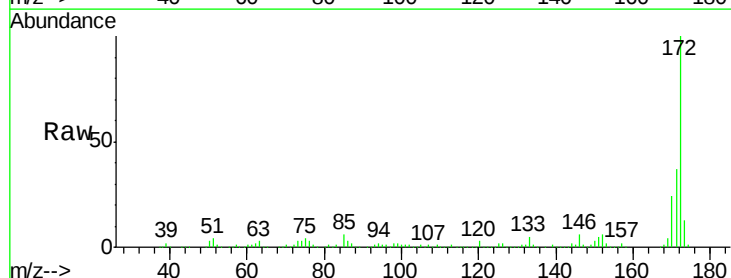


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

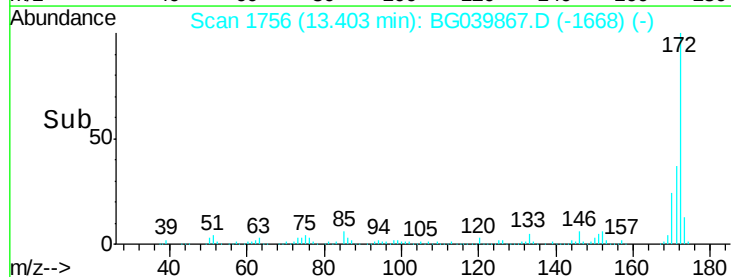
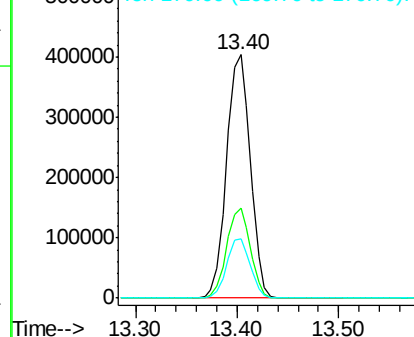


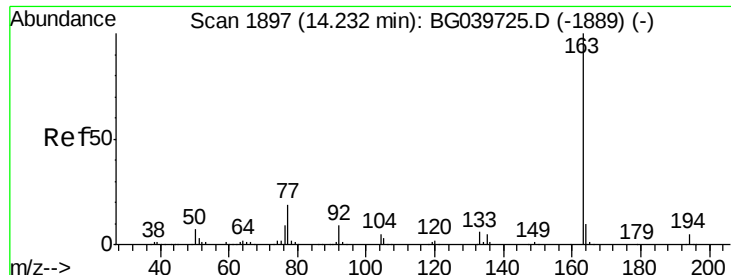
#45
 2-Fluorobiphenyl
 Concen: 76.312 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039867.D
 Acq: 12 Mar 2019 10:15

Tgt Ion:172 Resp: 657091
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.1 20.2 30.4



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

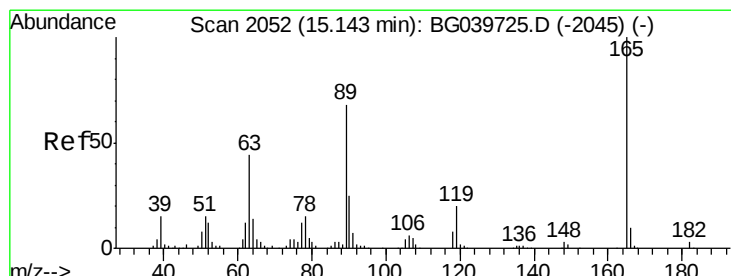
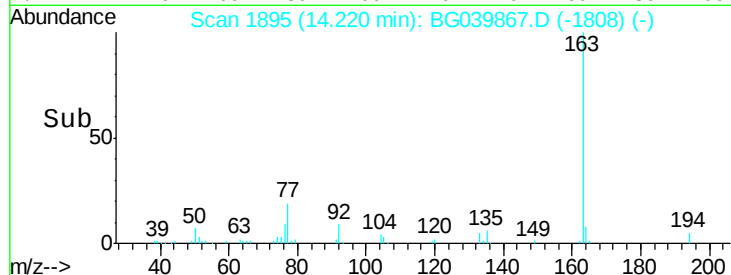
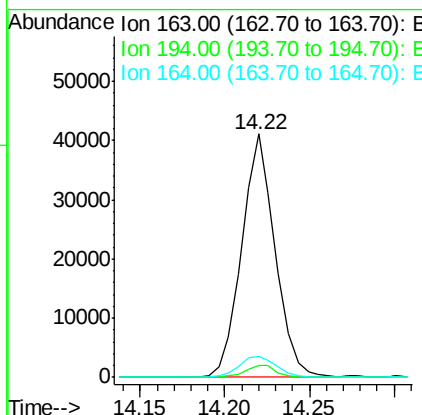
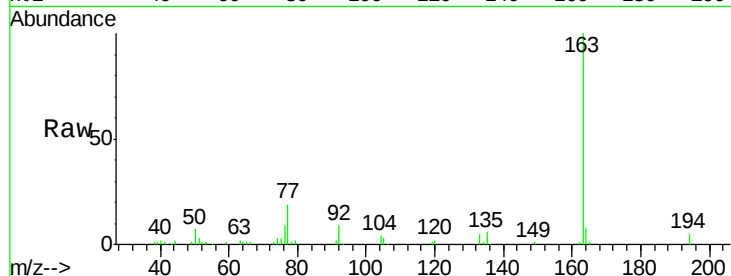




#50
Dimethylphthalate
Concen: 5.501 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

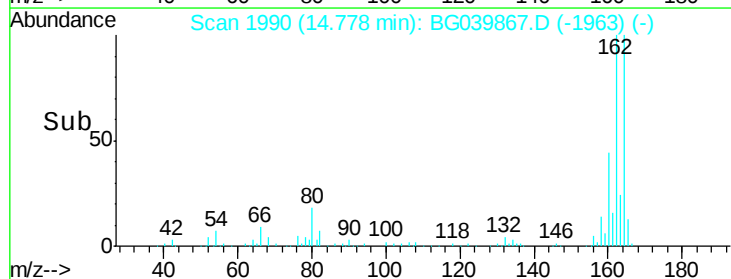
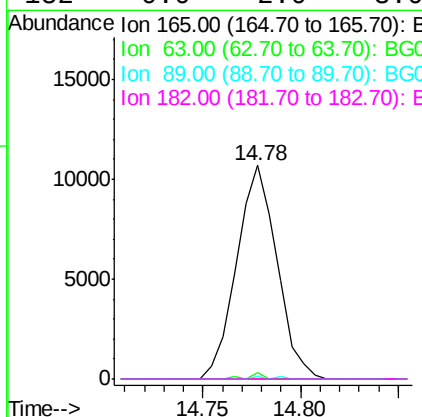
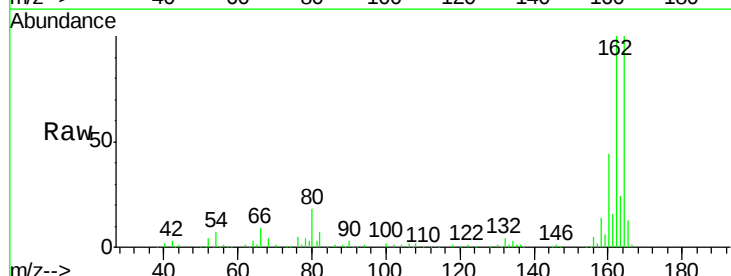
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MR-MH-06-COMP

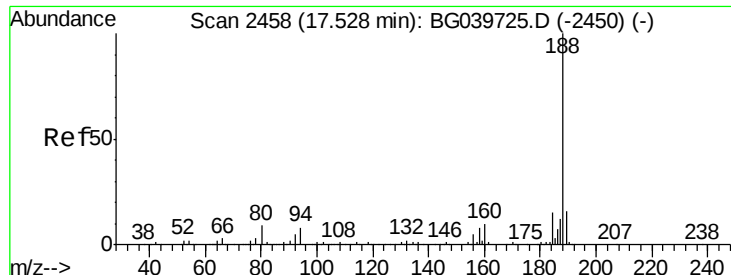
Tgt Ion:163 Resp: 56397
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 8.4 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 4.998 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

Tgt Ion:165 Resp: 15264
Ion Ratio Lower Upper
165 100
63 2.9 41.0 61.6#
89 1.5 64.6 96.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

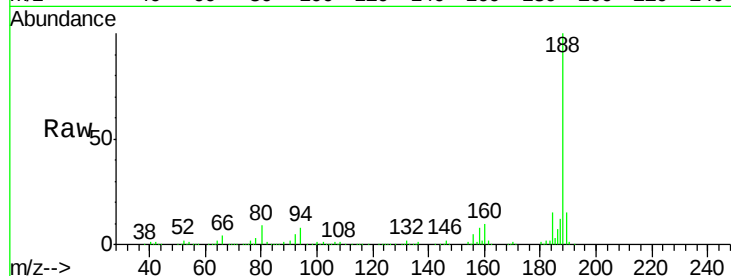
Tgt Ion:188 Resp: 296436

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

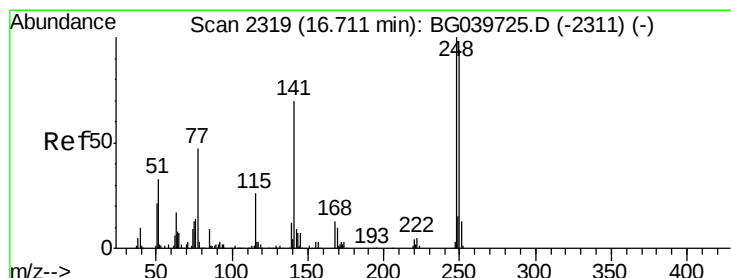
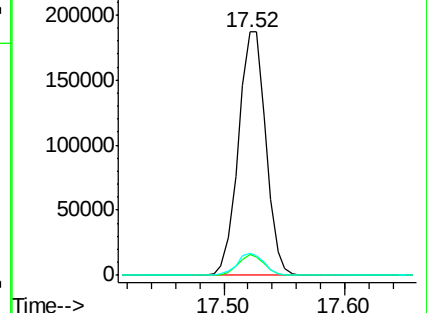
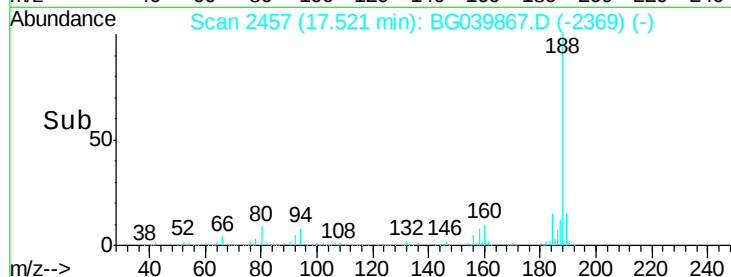
80 9.2 8.1 12.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.902 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

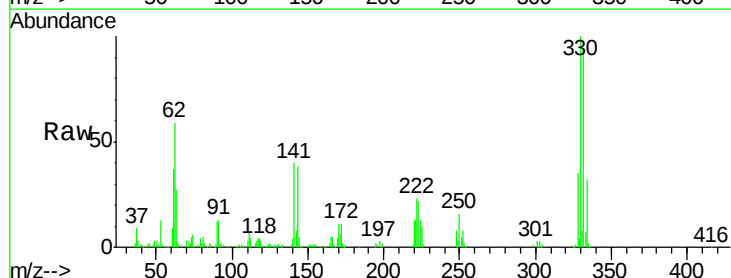
Tgt Ion:248 Resp: 16267

Ion Ratio Lower Upper

248 100

250 197.0 77.6 116.4#

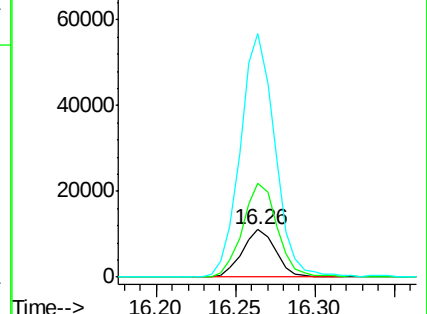
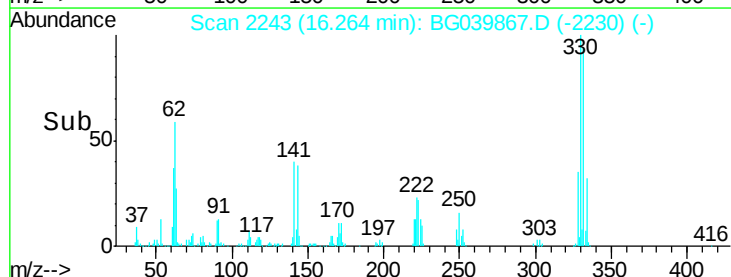
141 510.0 63.9 95.9#

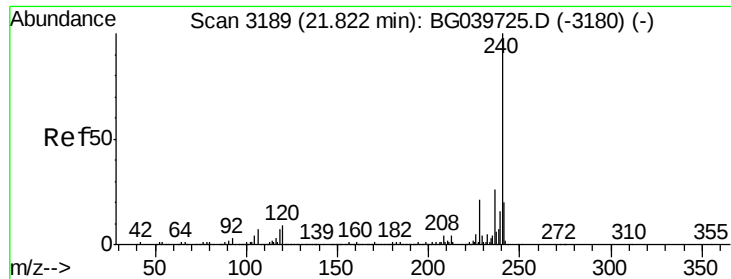


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

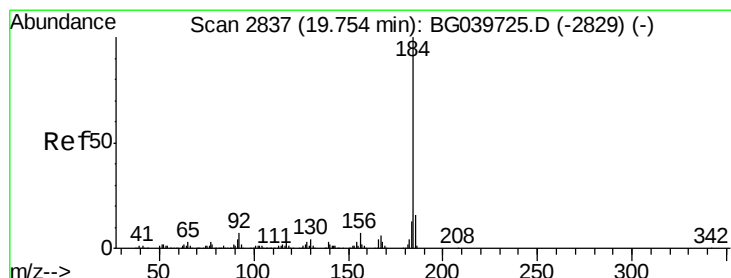
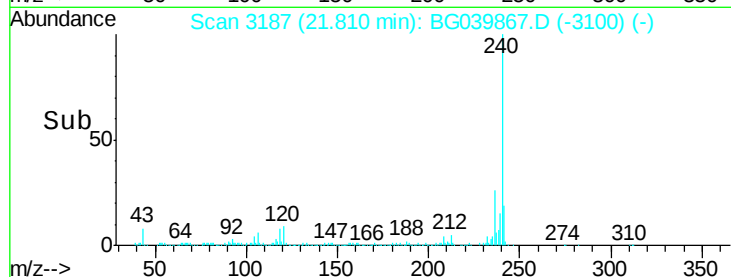
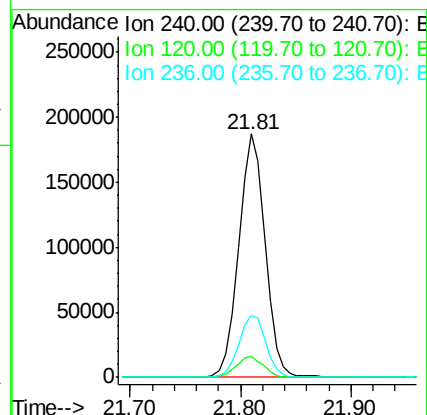
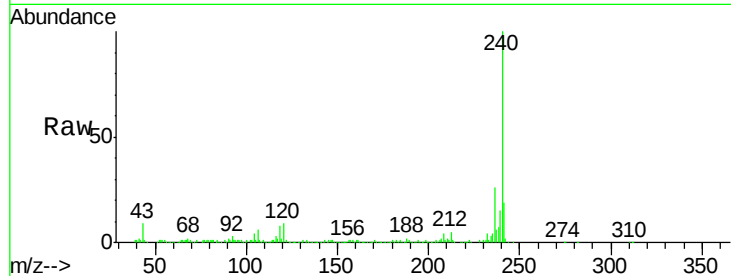




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

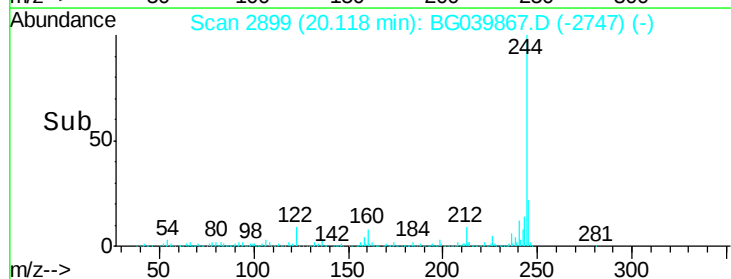
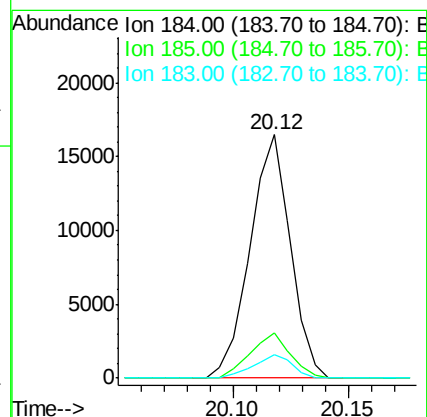
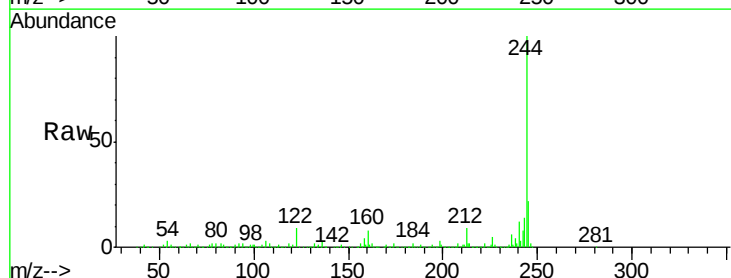
Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

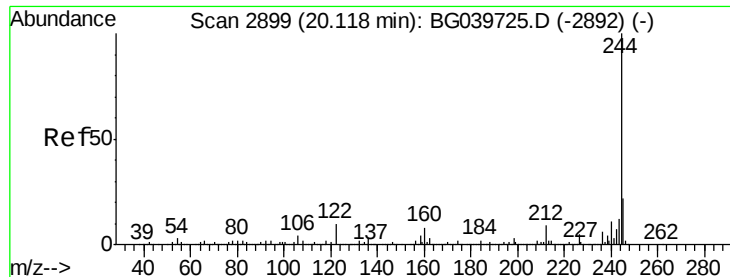
Tgt Ion:240 Resp: 313762
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.6 21.0 31.4



#77
Benzidine
Concen: 2.010 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039867.D
Acq: 12 Mar 2019 10:15

Tgt Ion:184 Resp: 20015
Ion Ratio Lower Upper
184 100
185 18.6 12.2 18.2#
183 9.7 10.6 15.8#





#79

Terphenyl-d14

Concen: 82.247 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

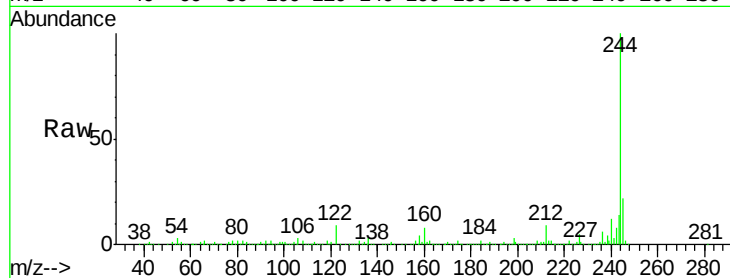
Tgt Ion:244 Resp: 1172033

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

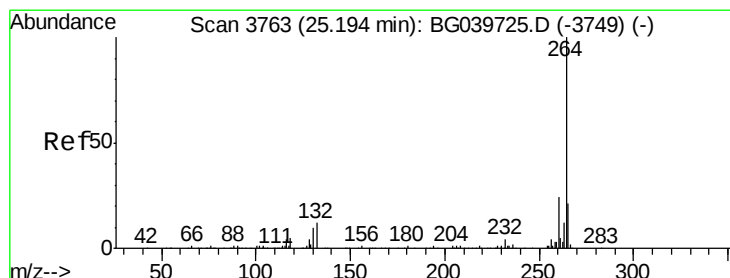
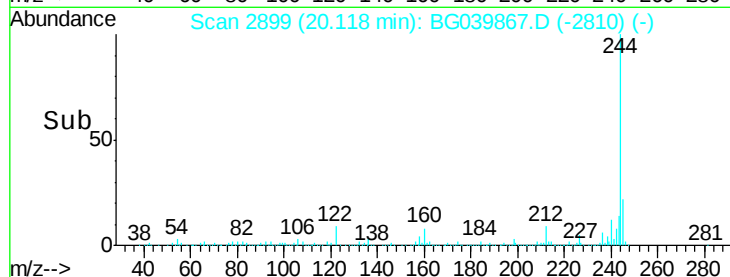
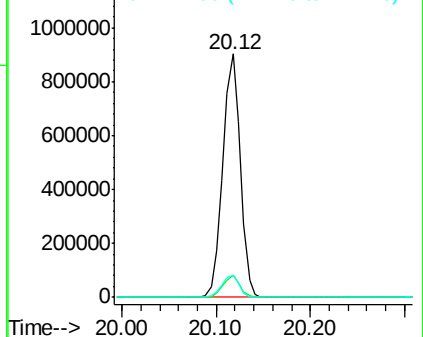
122 9.2 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039867.D

Acq: 12 Mar 2019 10:15

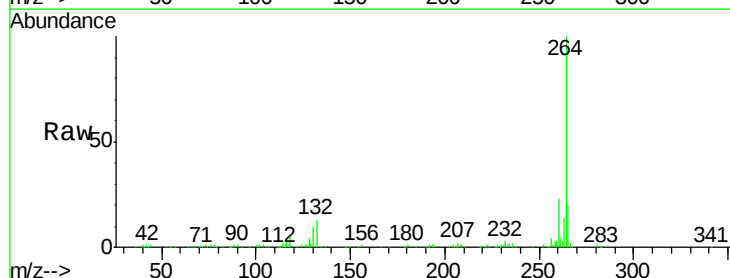
Tgt Ion:264 Resp: 311312

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 19.7 18.5 27.7



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

