

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039852.D
 Acq On : 11 Mar 2019 21:47
 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 03:38:41 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

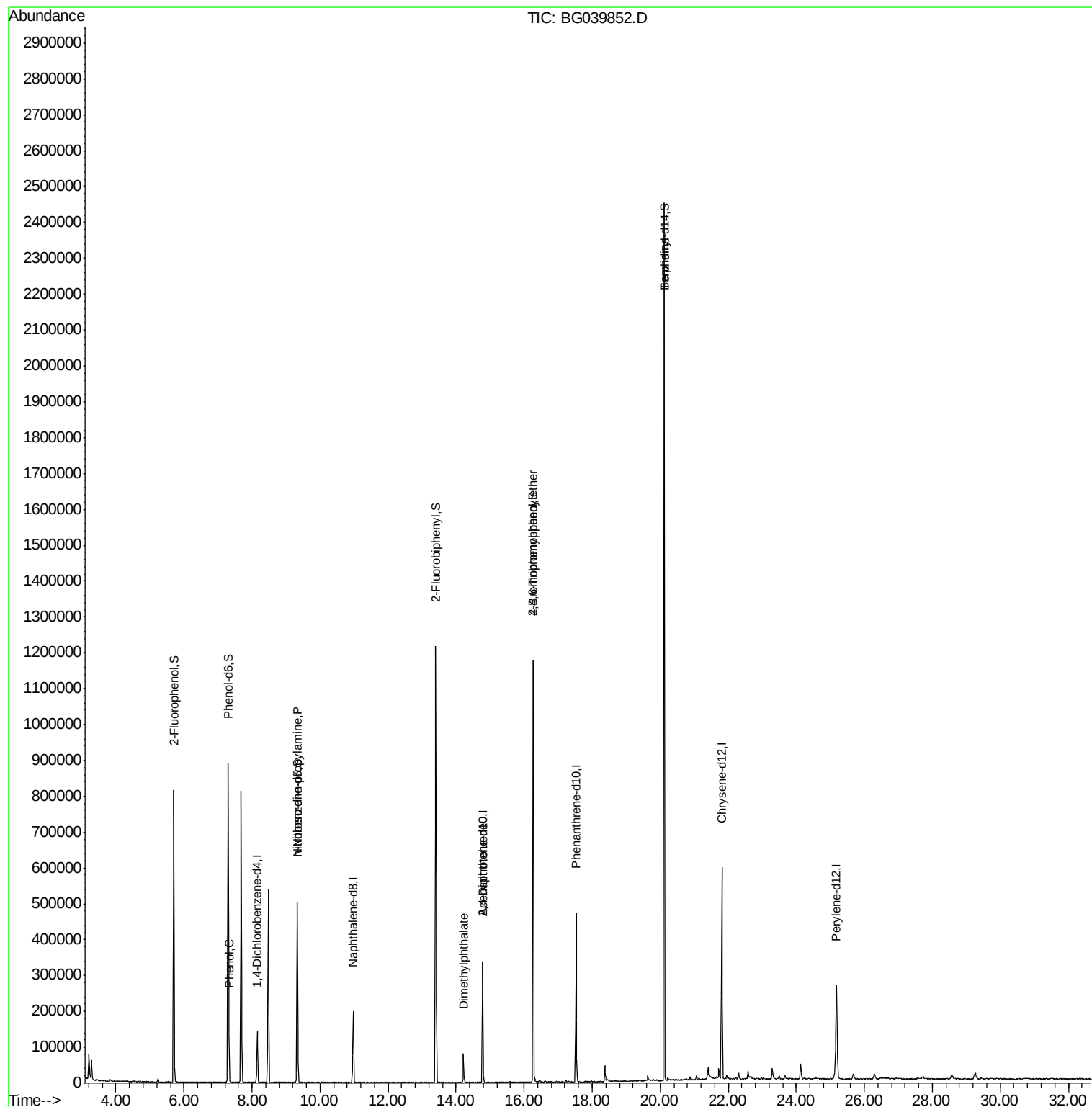
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37912	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	164390	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	116011	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	294888	20.00	ng	0.00
76) Chrysene-d12	21.81	240	300952	20.00	ng	-0.02
87) Perylene-d12	25.18	264	303501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343904	154.75	ng	0.00
7) Phenol-d6	7.30	99	509026	153.62	ng	-0.01
23) Nitrobenzene-d5	9.33	82	294941	97.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204127	150.96	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	632361	77.61	ng	-0.01
79) Terphenyl-d14	20.12	244	1120006	81.94	ng	0.00
Target Compounds						
10) Phenol	7.33	94	14608	4.070	ng	99
19) n-Nitroso-di-n-propylamine	9.33	70	38677	16.217	ng	# 64
50) Dimethylphthalate	14.22	163	53035	5.467	ng	99
57) 2,4-Dinitrotoluene	14.78	165	15126	5.235	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	15435	4.676	ng	# 1
77) Benzidine	20.12	184	19527	2.045	ng	# 93

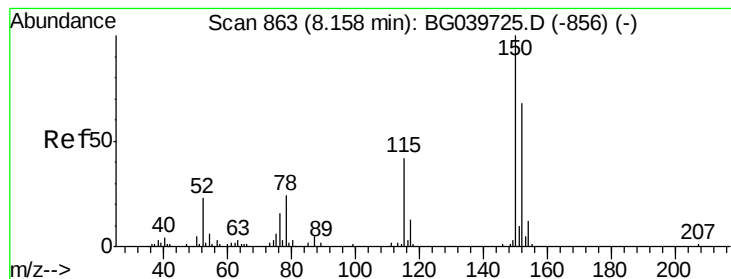
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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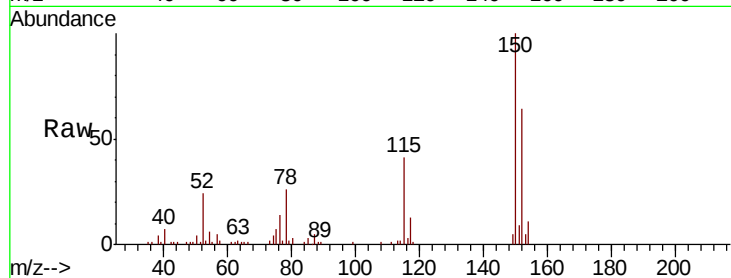


#1

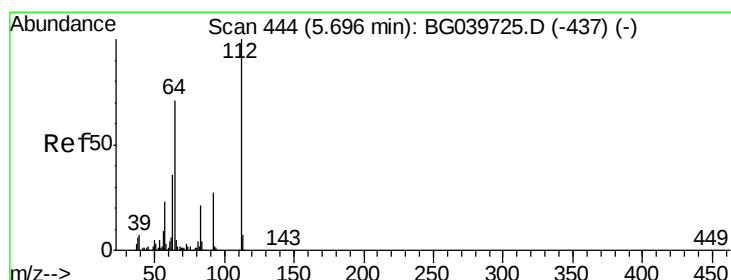
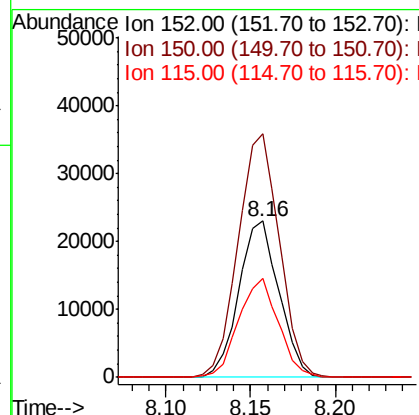
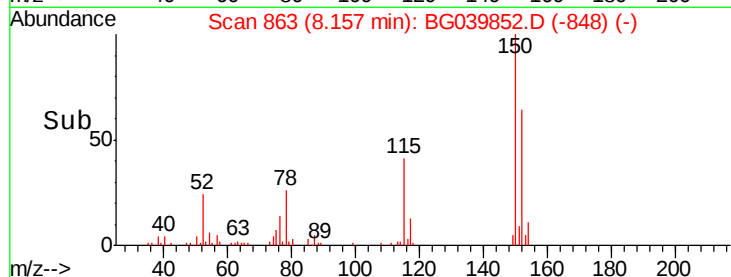
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

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

Tgt Ion:152 Resp: 37912
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 63.6 45.9 68.9



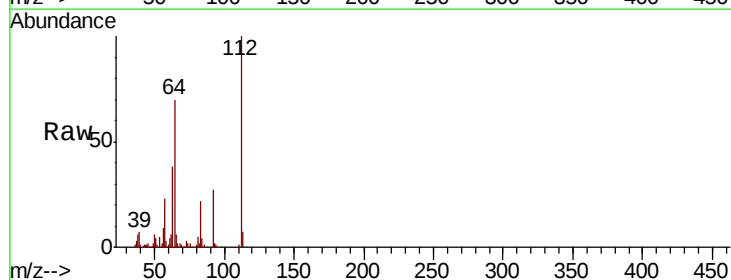
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



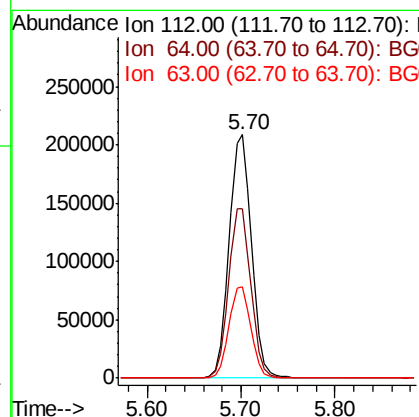
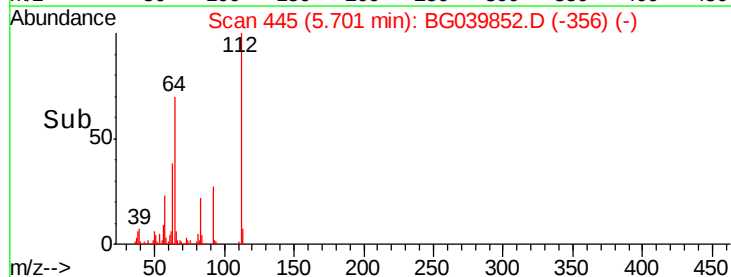
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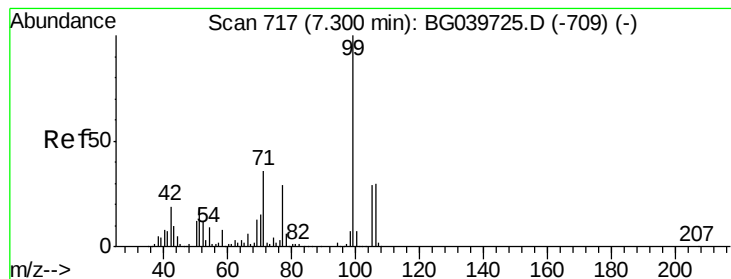
2-Fluorophenol
Concen: 154.754 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:112 Resp: 343904
Ion Ratio Lower Upper
112 100
64 69.7 57.8 86.8
63 37.5 29.8 44.6



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: 153.621 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

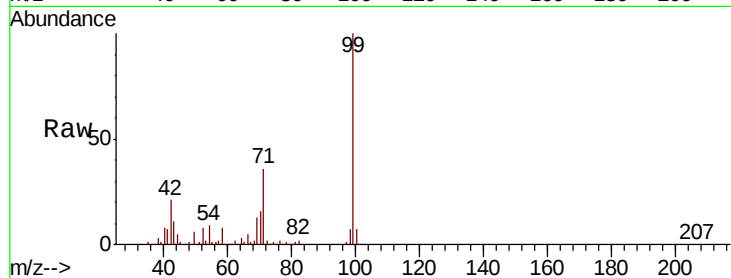
Tgt Ion: 99 Resp: 509026

Ion Ratio Lower Upper

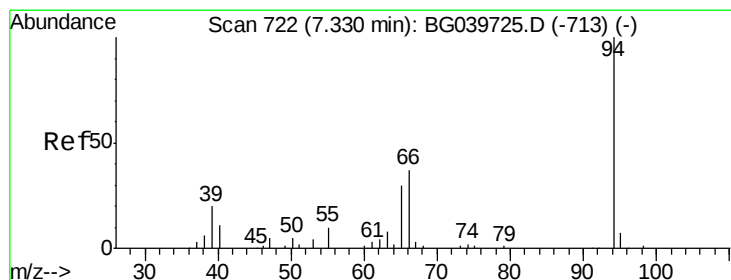
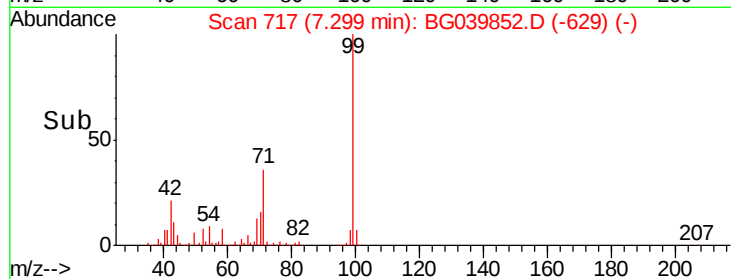
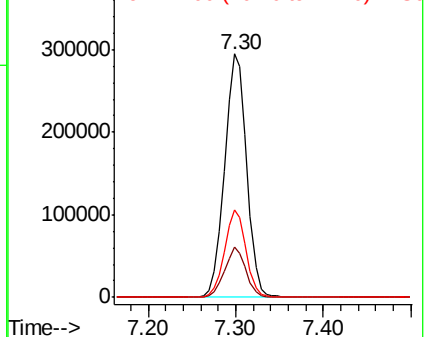
99 100

42 20.6 18.2 27.2

71 35.8 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: 4.070 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

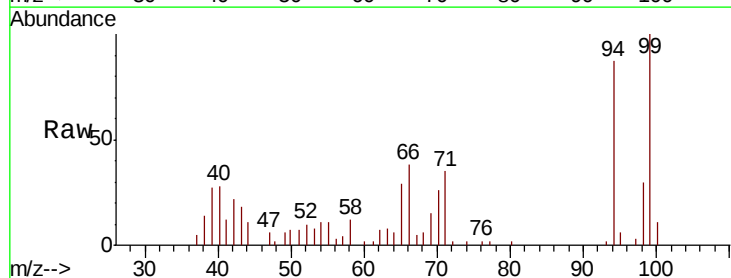
Tgt Ion: 94 Resp: 14608

Ion Ratio Lower Upper

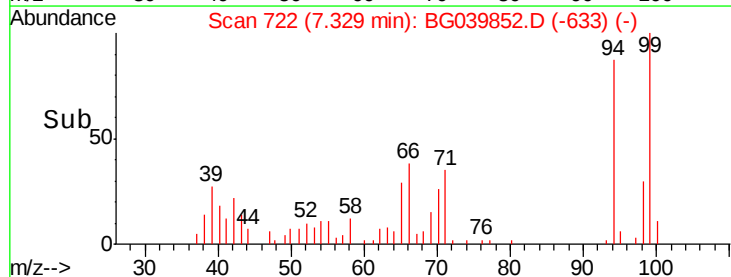
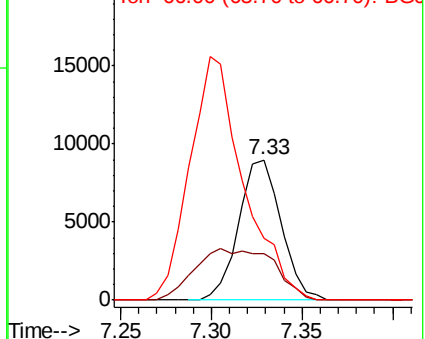
94 100

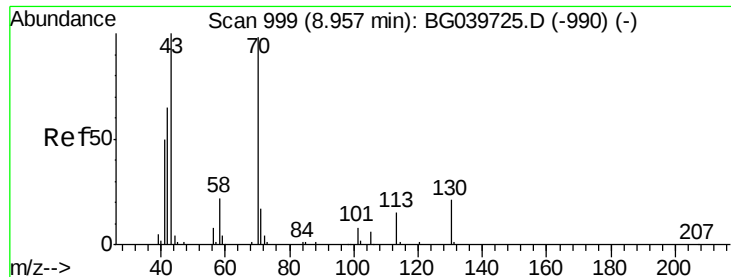
65 33.4 11.7 51.7

66 43.8 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

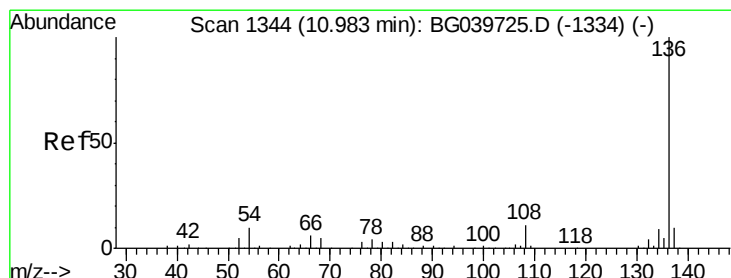
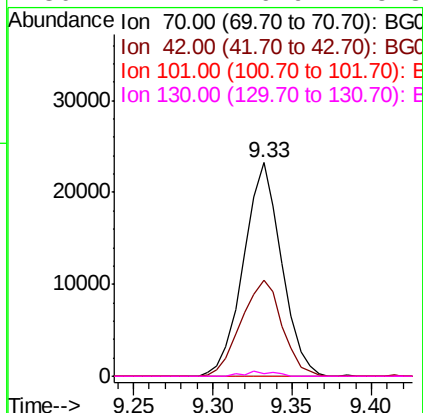
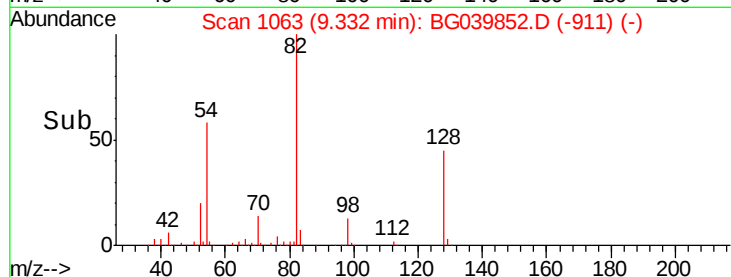
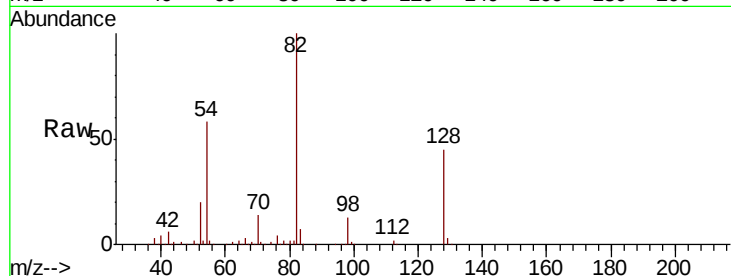




#19
n-Nitroso-di-n-propylamine
Concen: 16.217 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

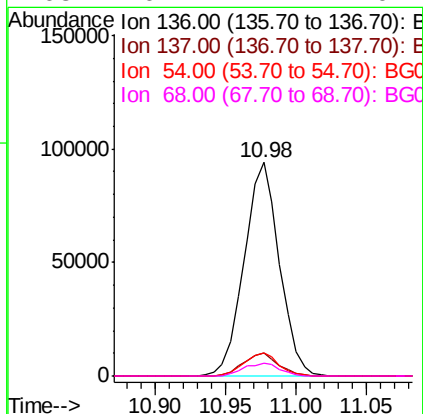
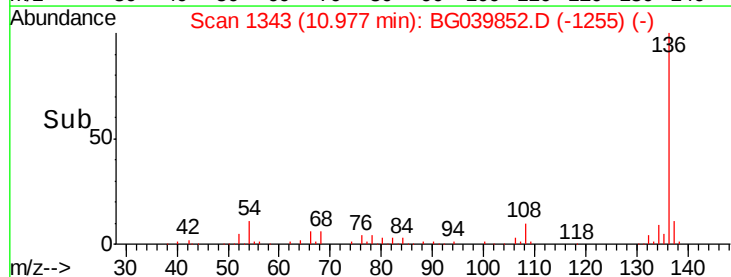
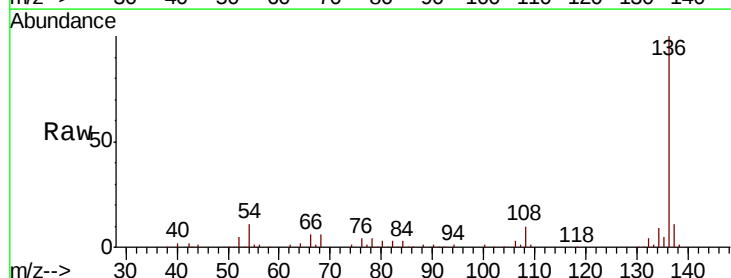
Instrument :
BNA_G
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MR-MH-06-COMP

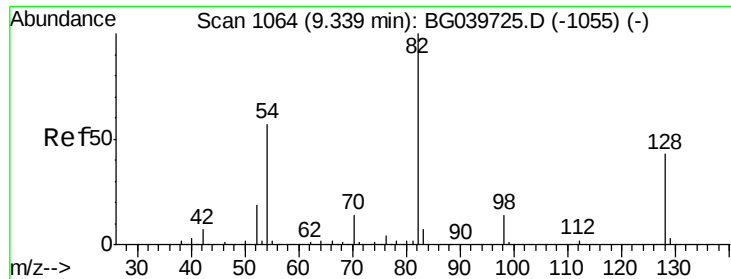
Tgt Ion: 70 Resp: 38677
Ion Ratio Lower Upper
70 100
42 45.1 60.4 90.6#
101 0.0 7.5 11.3#
130 1.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion: 136 Resp: 164390
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.6 9.4 14.2
68 6.1 4.2 6.4

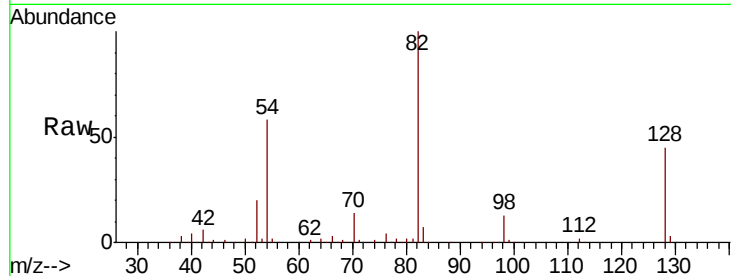




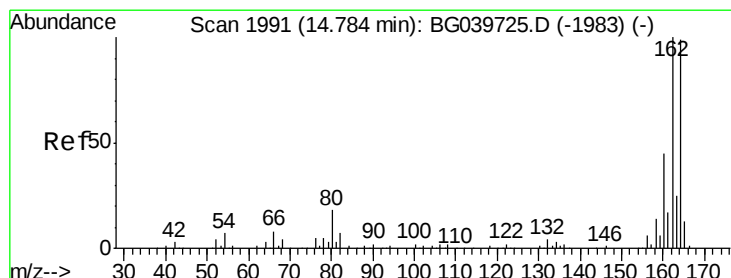
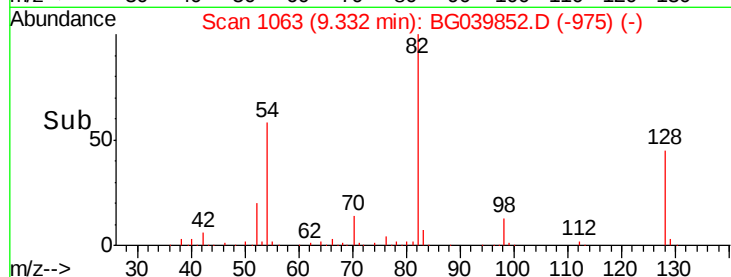
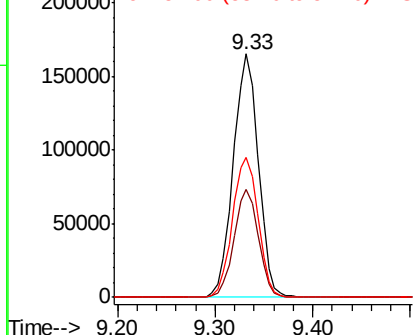
#23
 Nitrobenzene-d5
 Concen: 97.035 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

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

Tgt Ion: 82 Resp: 294941
 Ion Ratio Lower Upper
 82 100
 128 44.6 31.3 46.9
 54 57.6 50.9 76.3

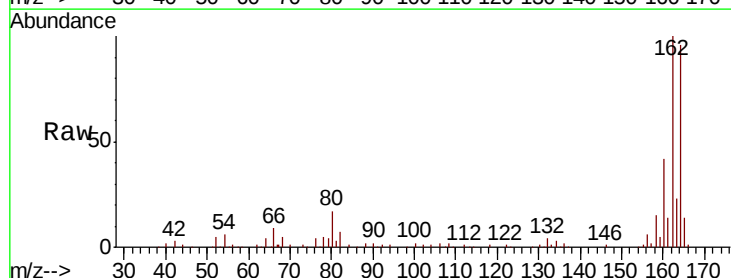


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

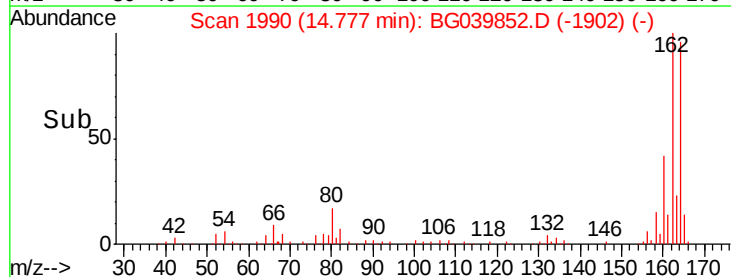
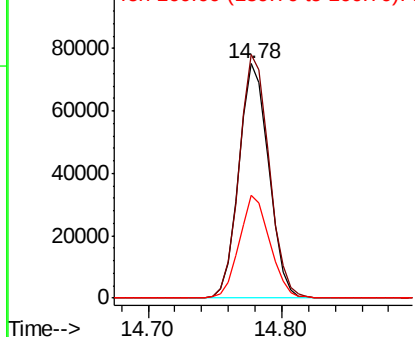


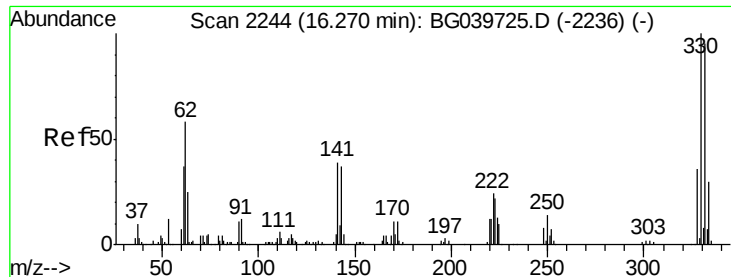
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

Tgt Ion: 164 Resp: 116011
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.6 122.4
 160 44.0 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

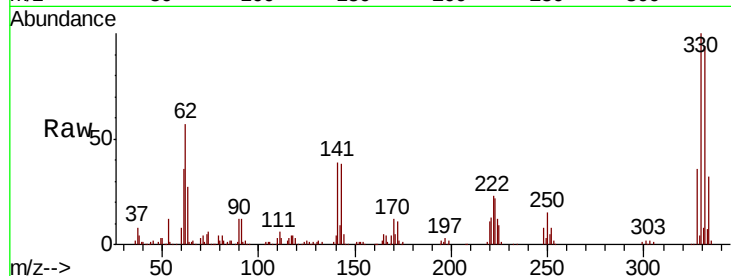




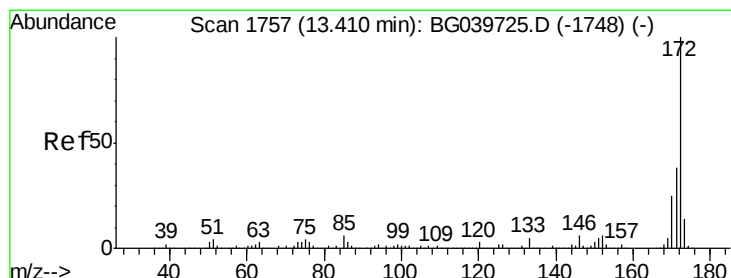
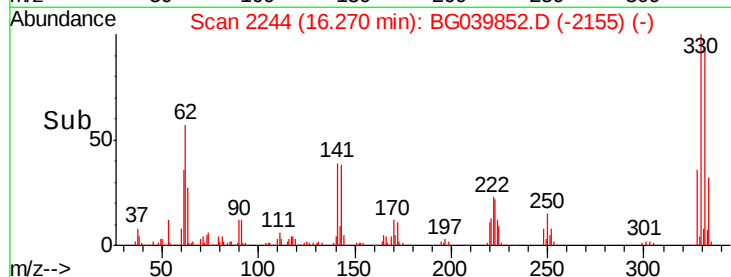
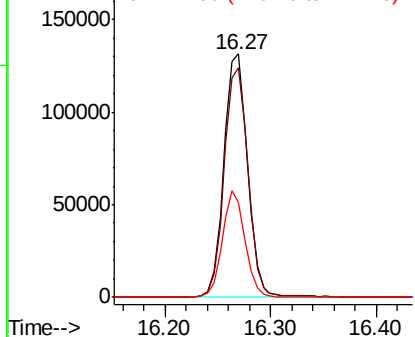
#42
 2,4,6-Tribromophenol
 Concen: 150.960 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

Instrument :
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Tgt Ion:330 Resp: 204127
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 42.0 35.6 53.4

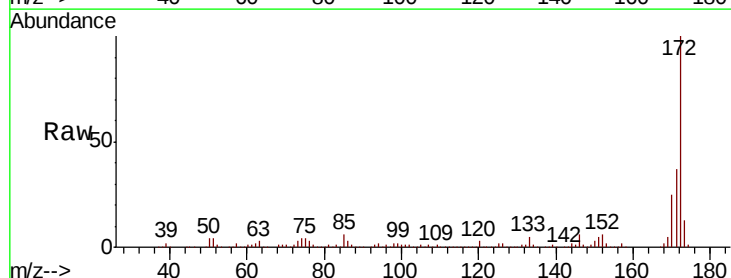


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

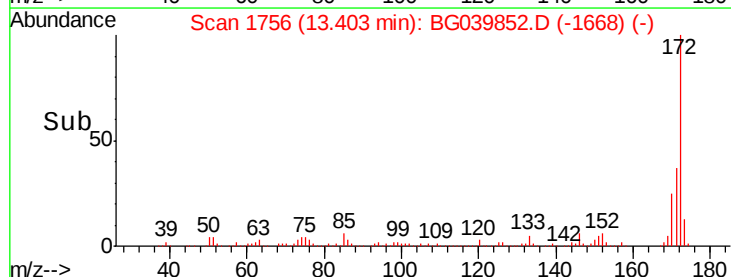
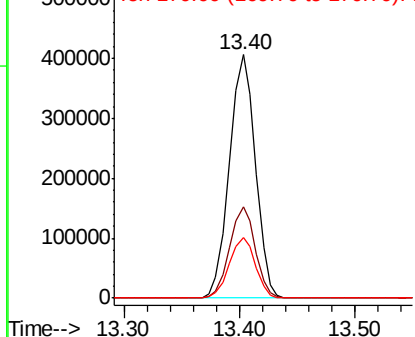


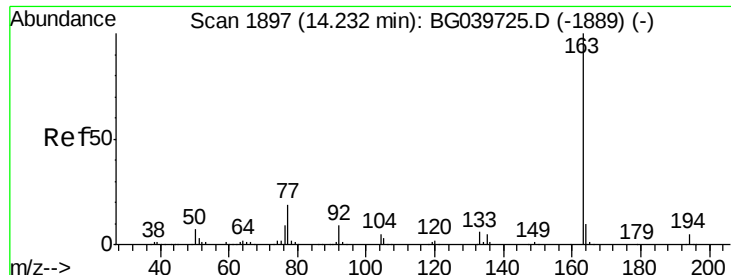
#45
 2-Fluorobiphenyl
 Concen: 77.611 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

Tgt Ion:172 Resp: 632361
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.1 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: 5.467 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

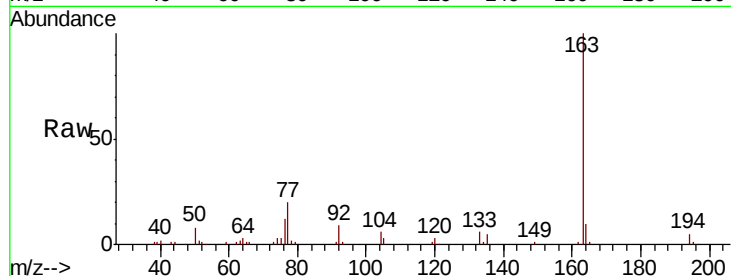
Tgt Ion:163 Resp: 53035

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

164 10.3 8.4 12.6

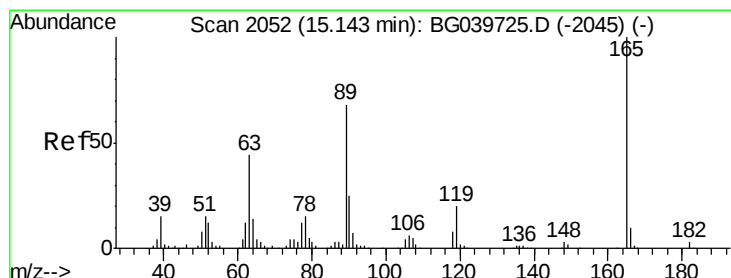
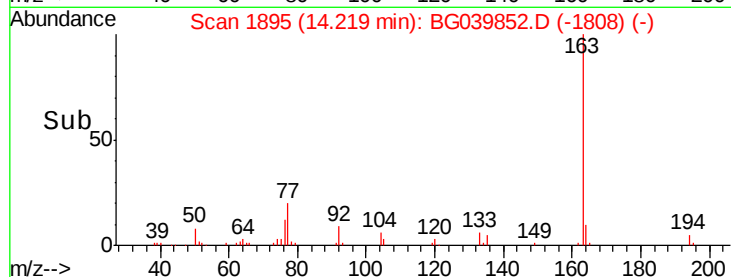
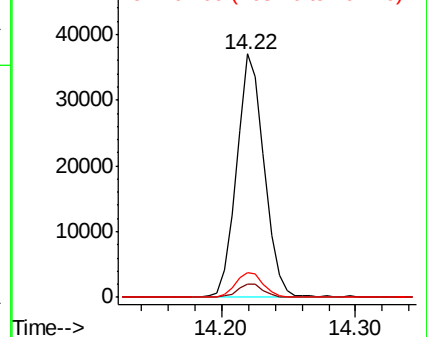


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.235 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Tgt Ion:165 Resp: 15126

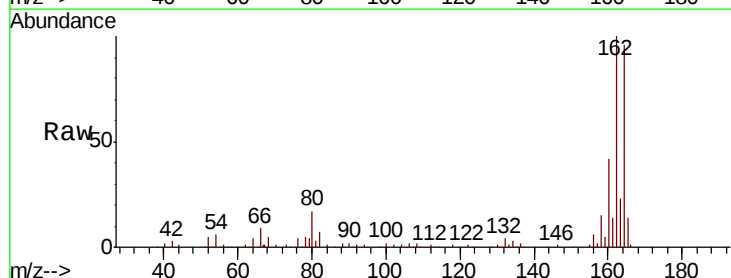
Ion Ratio Lower Upper

165 100

63 1.5 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#



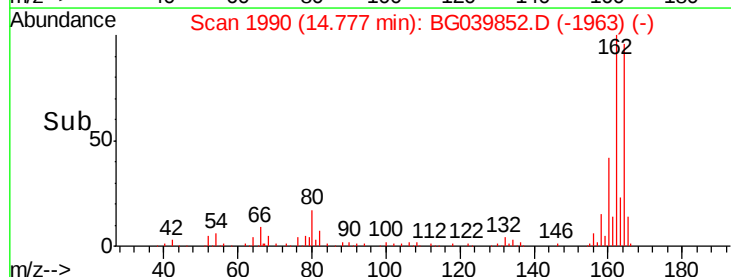
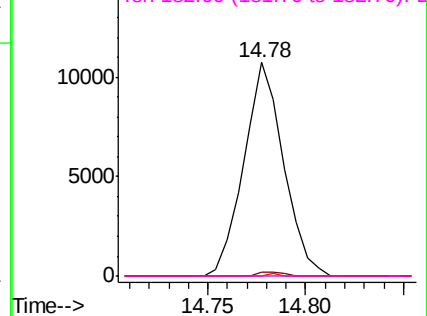
Abundance

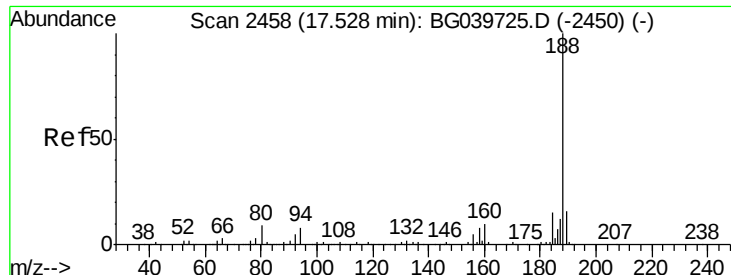
Ion 165.00 (164.70 to 165.70): E

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

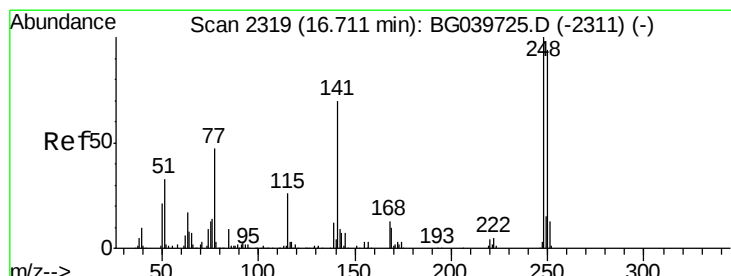
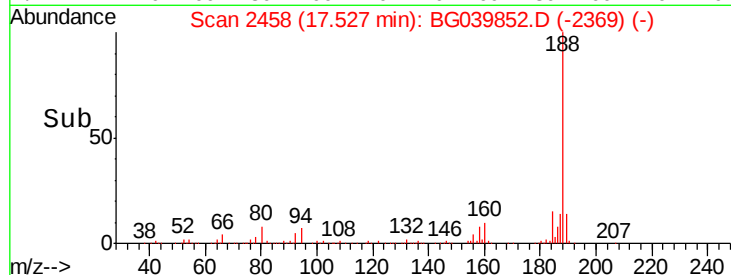
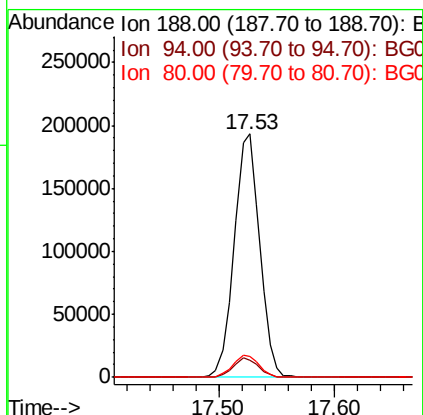
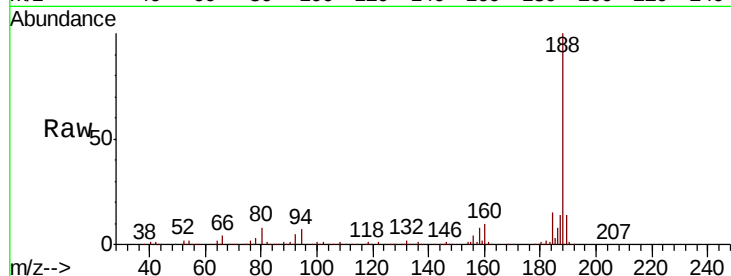




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

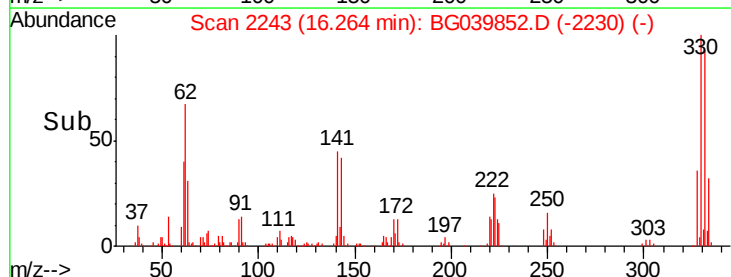
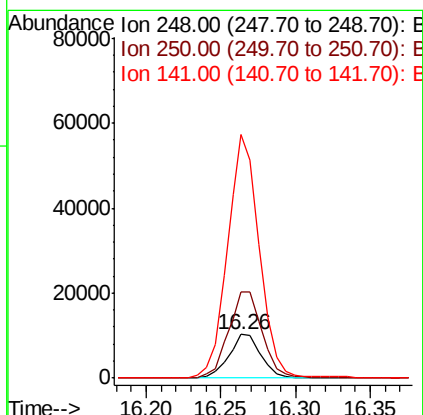
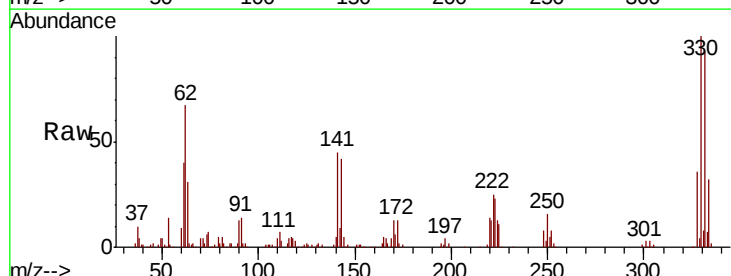
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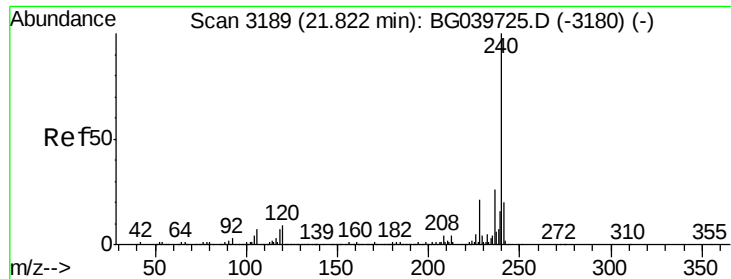
Tgt Ion:188 Resp: 294888
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 8.4 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.676 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039852.D
 Acq: 11 Mar 2019 21:47

Tgt Ion:248 Resp: 15435
 Ion Ratio Lower Upper
 248 100
 250 195.3 77.6 116.4#
 141 555.7 63.9 95.9#

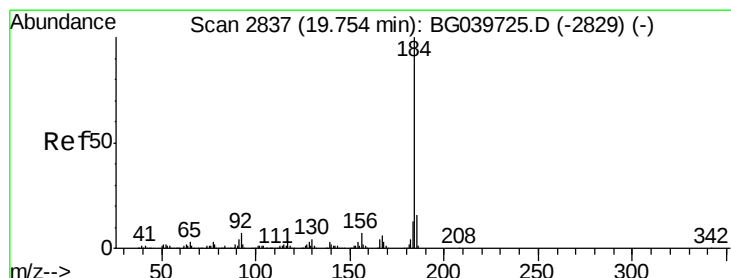
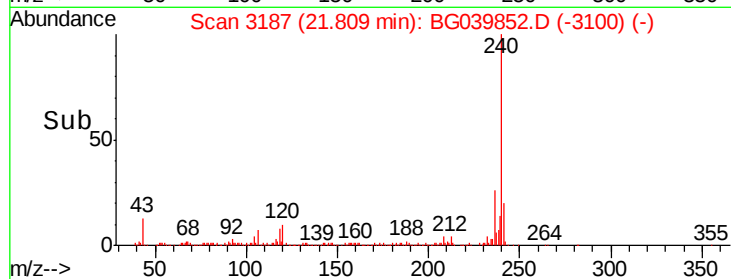
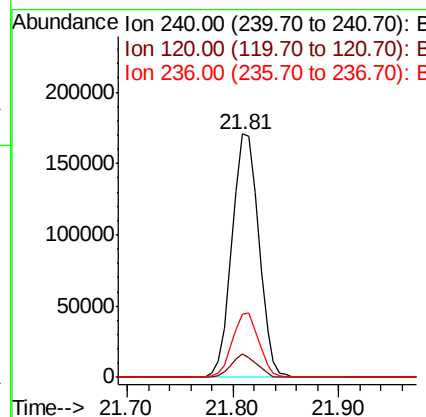
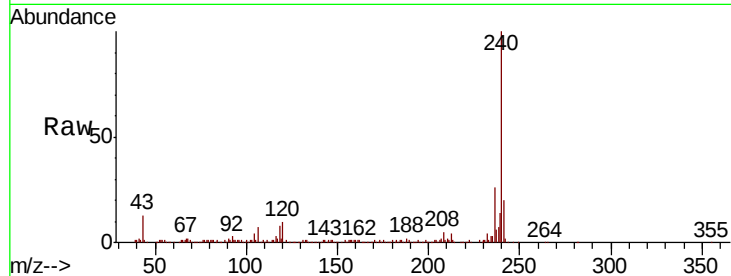




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

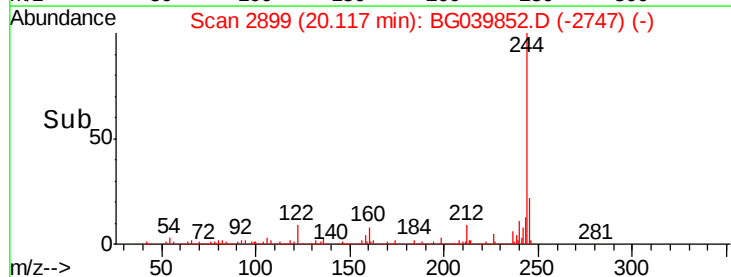
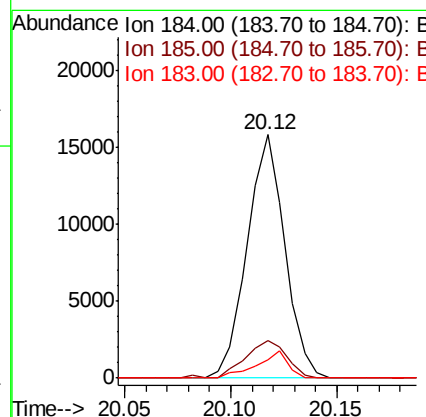
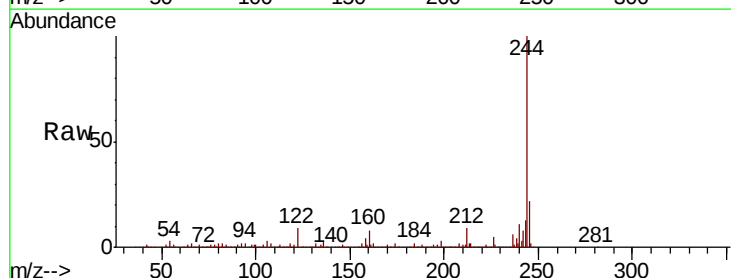
Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

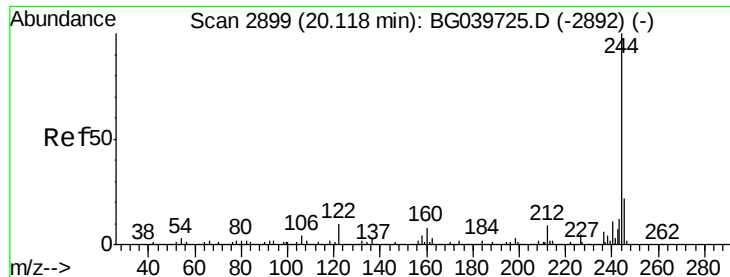
Tgt Ion:240 Resp: 300952
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.1 21.0 31.4



#77
Benzidine
Concen: 2.045 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:184 Resp: 19527
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 7.4 10.6 15.8#





#79

Terphenyl-d14

Concen: 81.941 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

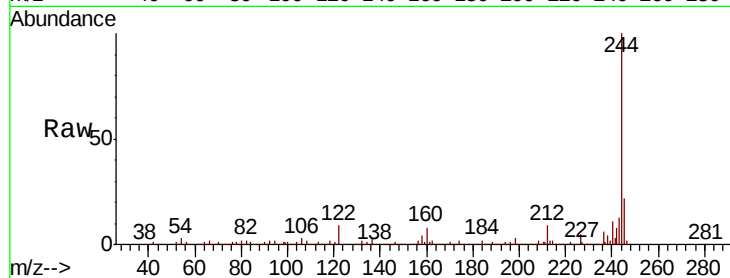
Tgt Ion:244 Resp: 1120006

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

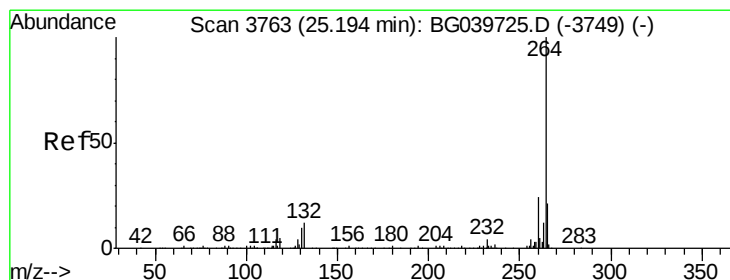
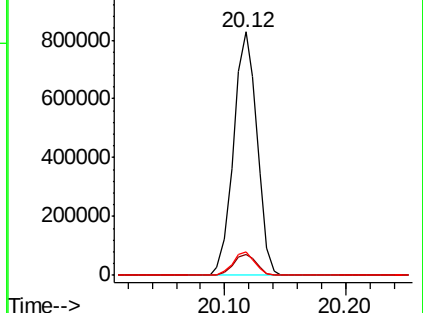
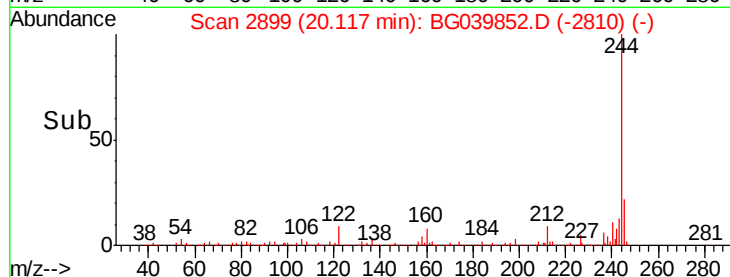
122 9.5 8.4 12.6



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: BG039852.D

Acq: 11 Mar 2019 21:47

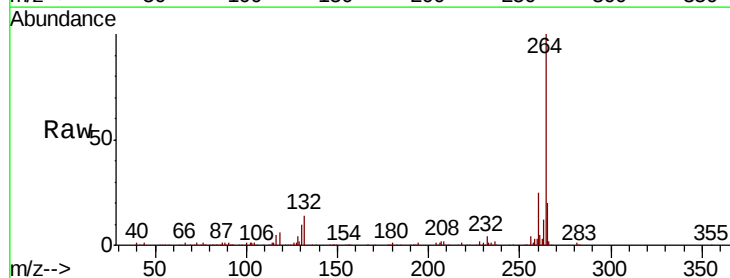
Tgt Ion:264 Resp: 303501

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 20.4 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

