

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039853.D
 Acq On : 11 Mar 2019 22:26
 Operator : JU/SJ
 Sample : K1837-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-05-COMP

Quant Time: Mar 12 03:38:53 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

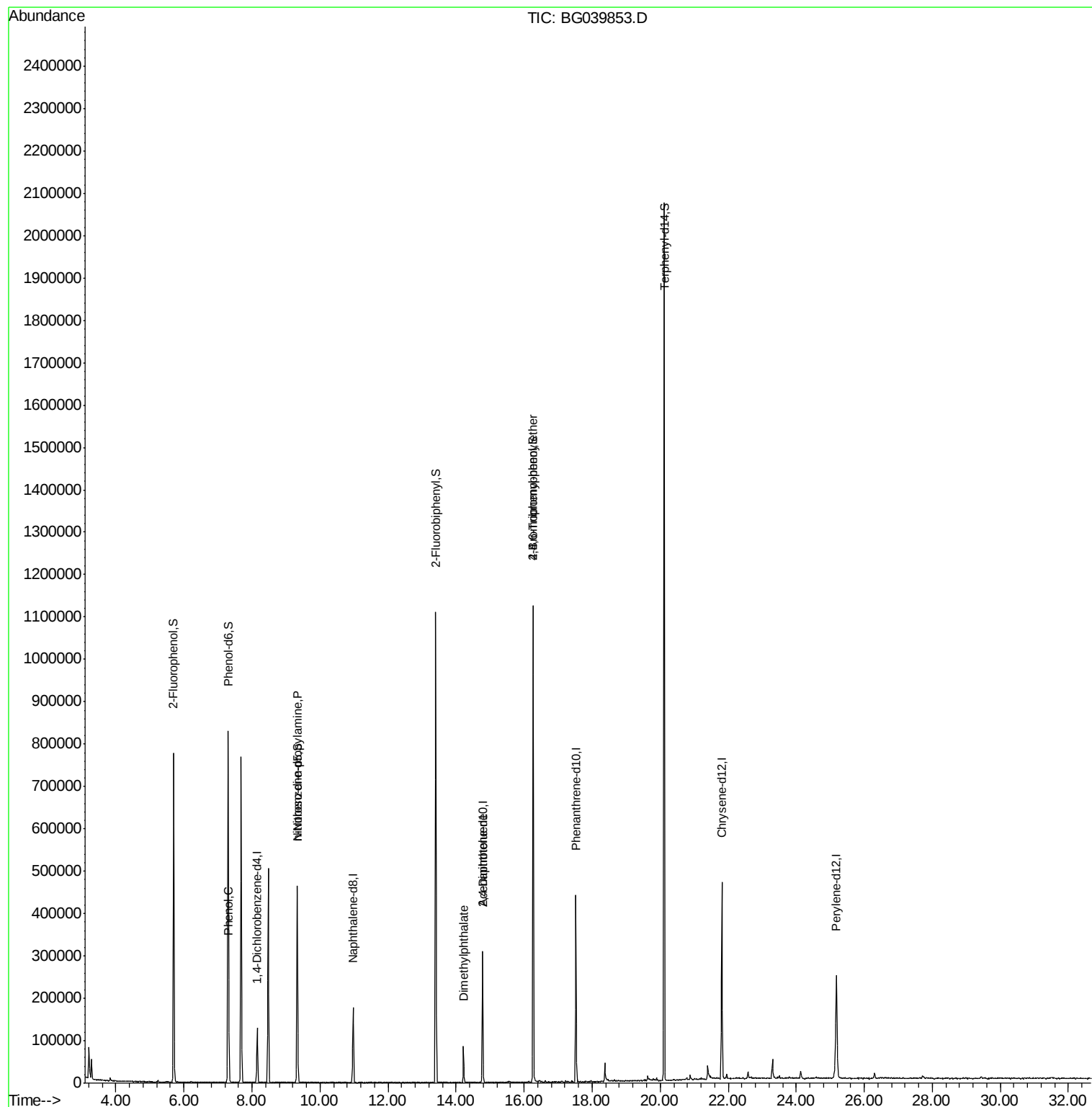
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35815	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	151822	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	107461	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	274021	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	286821	20.00	ng	-0.02
87) Perylene-d12	25.18	264	284255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	321490	153.14	ng	-0.01
7) Phenol-d6	7.30	99	469210	149.90	ng	-0.01
23) Nitrobenzene-d5	9.33	82	274377	97.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	188903	150.82	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	585939	77.64	ng	-0.01
79) Terphenyl-d14	20.12	244	1004318	77.10	ng	0.00
Target Compounds						
10) Phenol	7.32	94	21498	6.340	ng	91
19) n-Nitroso-di-n-propylamine	9.33	70	35029	15.547	ng	# 70
50) Dimethylphthalate	14.22	163	57223	6.368	ng	100
57) 2,4-Dinitrotoluene	14.78	165	13385	5.001	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	14647	4.775	ng	# 1

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

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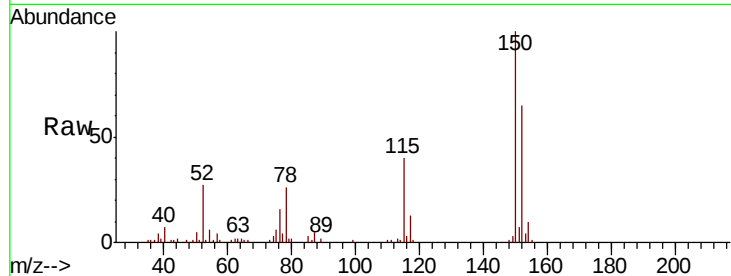


#1

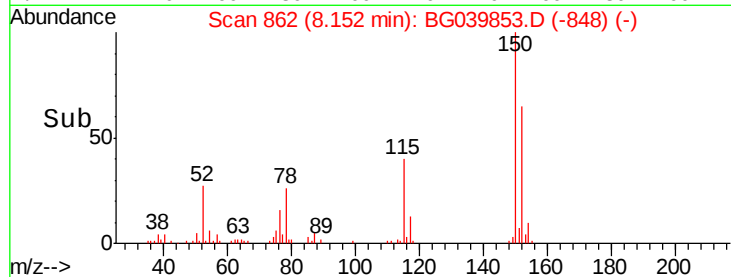
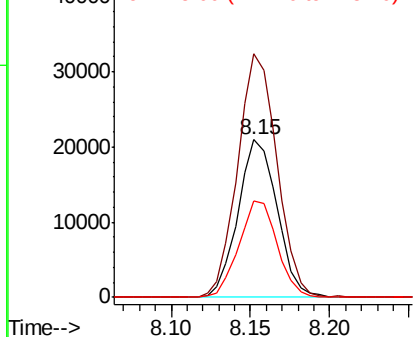
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

Tgt Ion:152 Resp: 35815
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 61.3 45.9 68.9



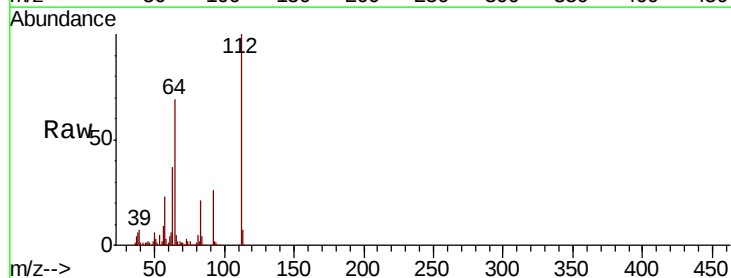
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



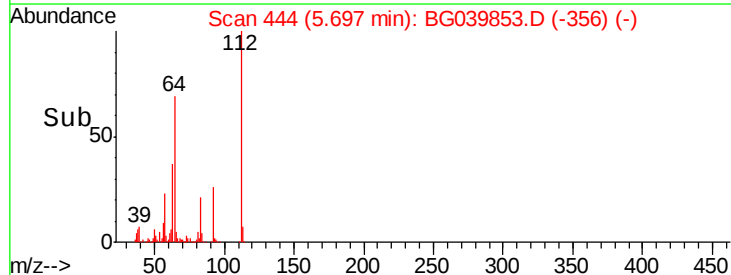
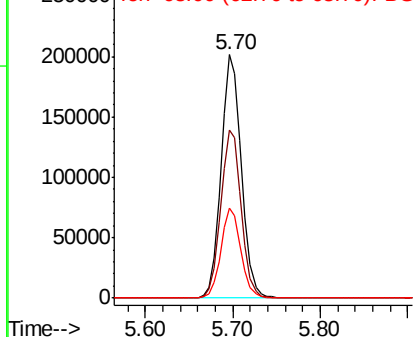
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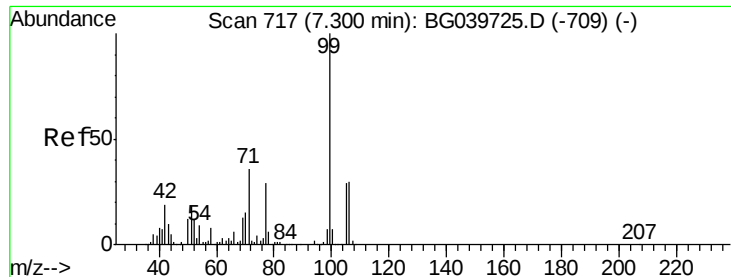
2-Fluorophenol
Concen: 153.138 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Tgt Ion:112 Resp: 321490
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 37.1 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: 149.896 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039853.D

Acq: 11 Mar 2019 22:26

Instrument :

BNA_G

ClientSampleId :

MR-MH-05-COMP

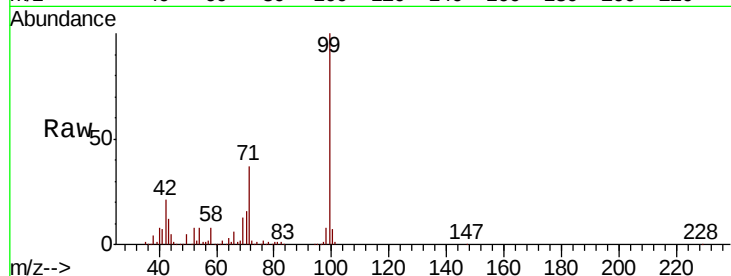
Tgt Ion: 99 Resp: 469210

Ion Ratio Lower Upper

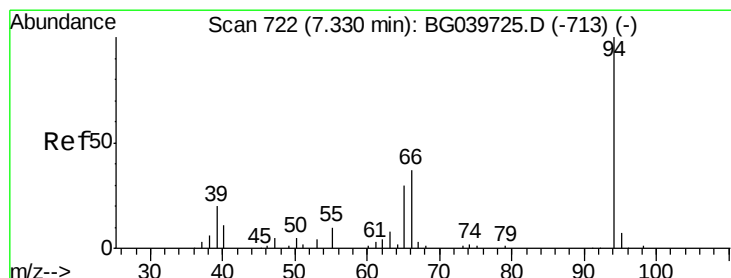
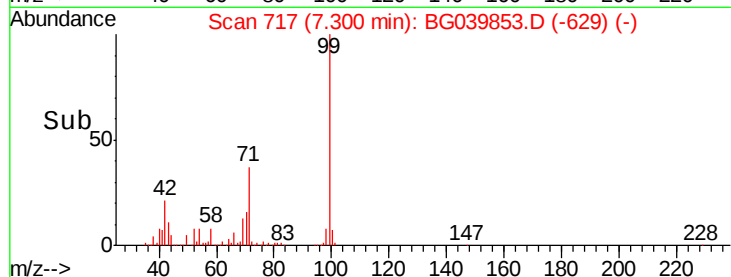
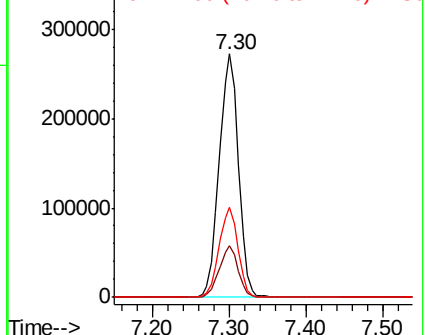
99 100

42 21.2 18.2 27.2

71 36.7 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: 6.340 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039853.D

Acq: 11 Mar 2019 22:26

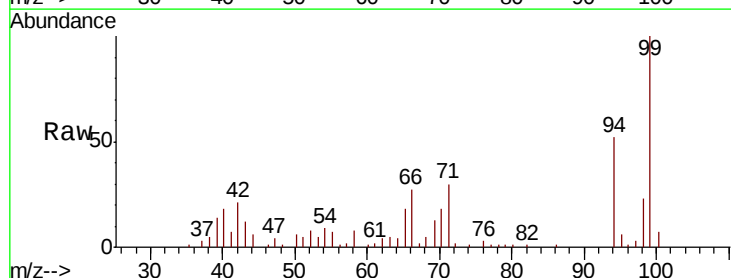
Tgt Ion: 94 Resp: 21498

Ion Ratio Lower Upper

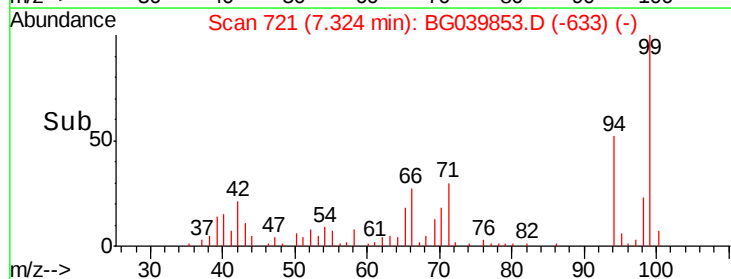
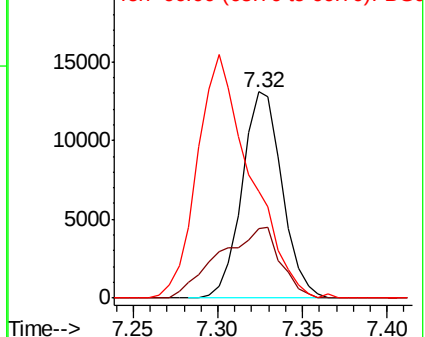
94 100

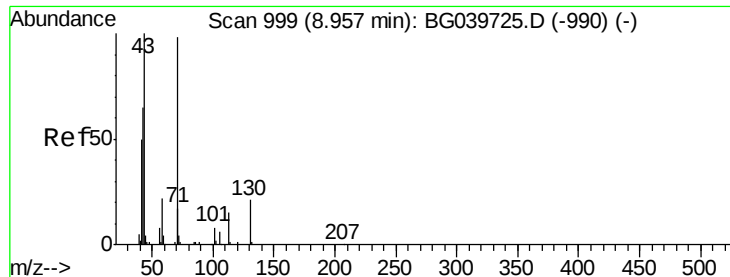
65 33.6 11.7 51.7

66 52.0 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

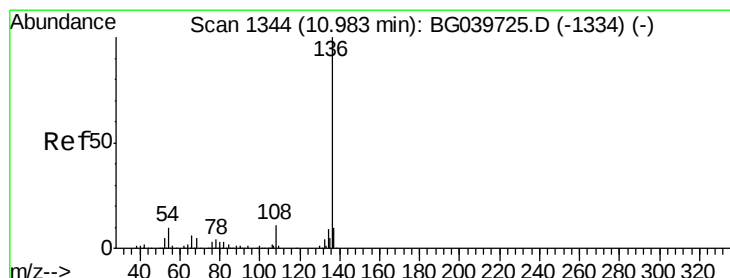
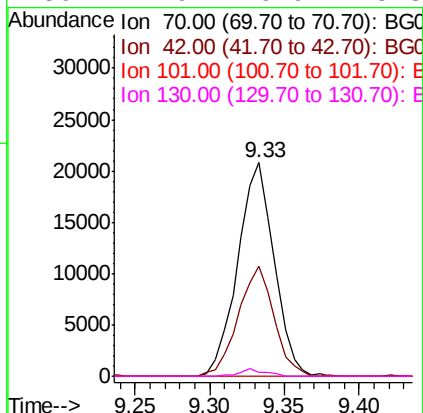
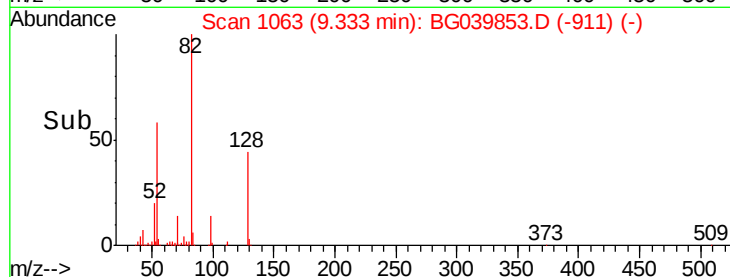
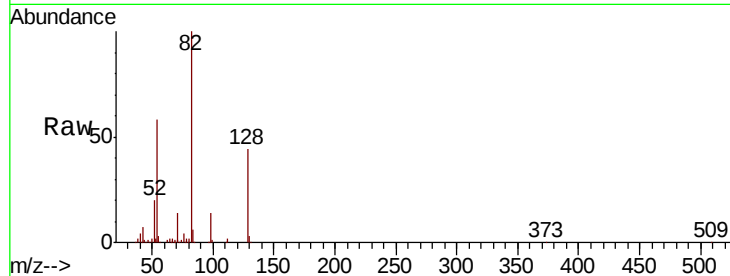




#19
n-Nitroso-di-n-propylamine
Concen: 15.547 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

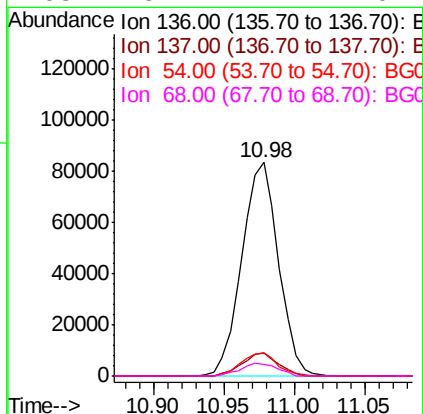
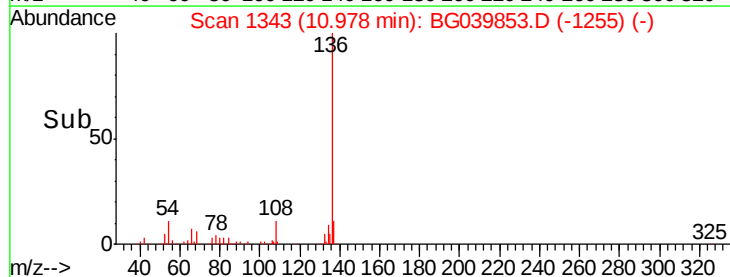
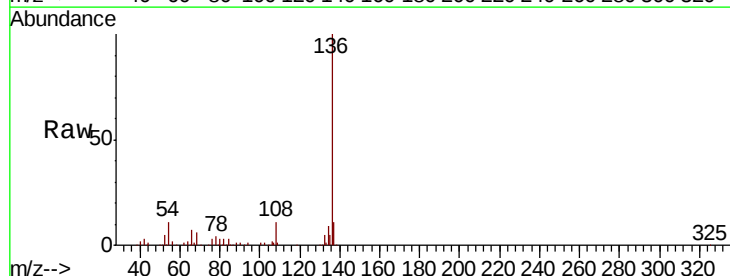
Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

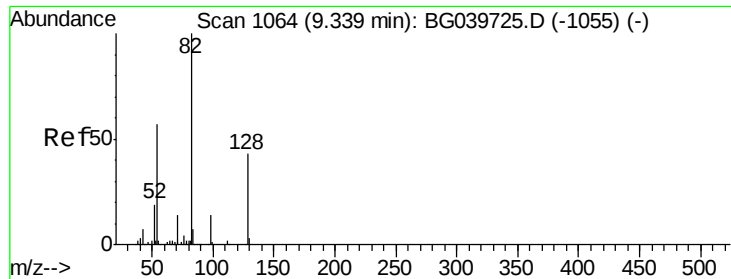
Tgt Ion: 70 Resp: 35029
Ion Ratio Lower Upper
70 100
42 51.5 60.4 90.6#
101 0.0 7.5 11.3#
130 1.9 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Tgt Ion: 136 Resp: 151822
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 11.1 9.4 14.2
68 5.7 4.2 6.4

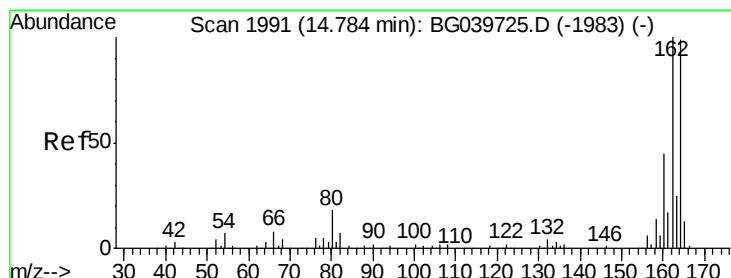
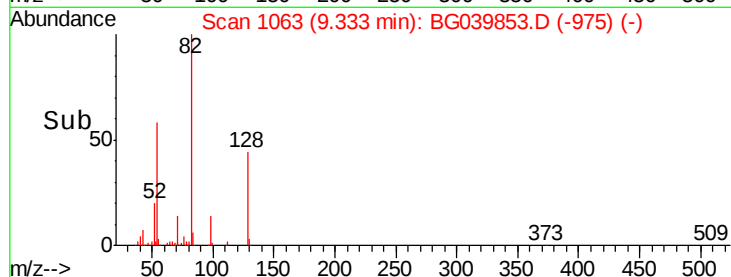
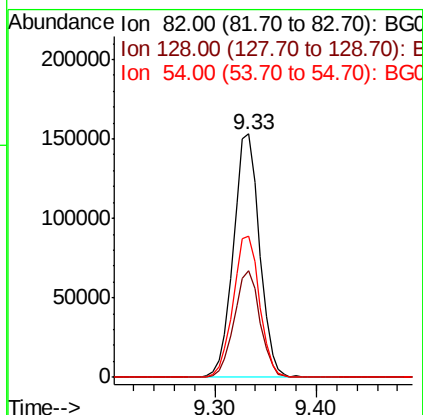
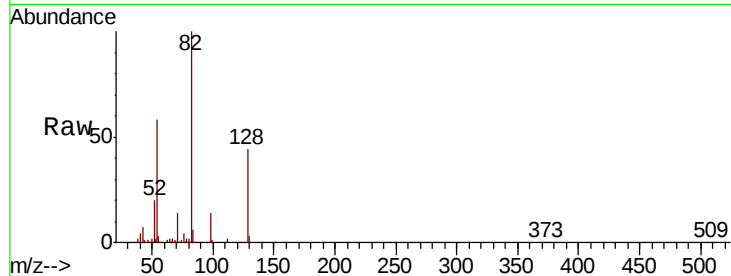




#23
Nitrobenzene-d5
Concen: 97.742 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

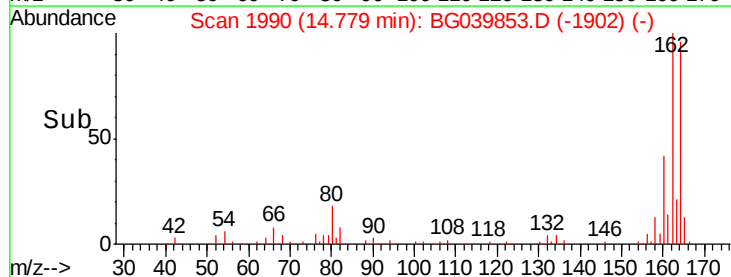
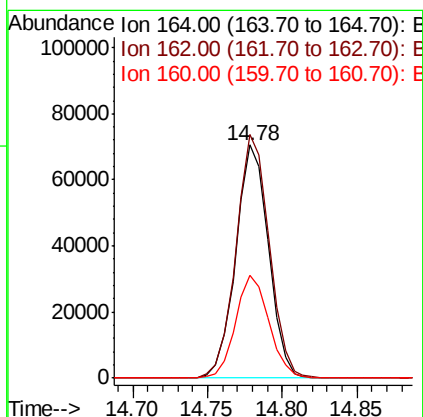
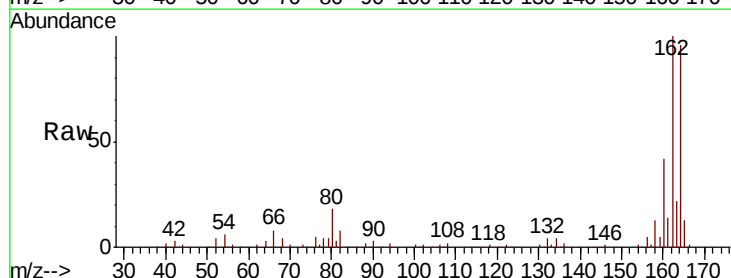
Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

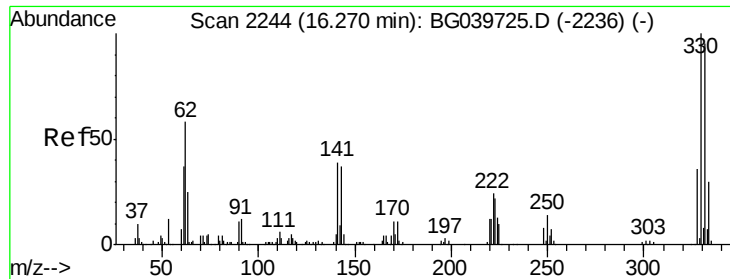
Tgt Ion: 82 Resp: 274377
Ion Ratio Lower Upper
82 100
128 43.9 31.3 46.9
54 57.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Tgt Ion: 164 Resp: 107461
Ion Ratio Lower Upper
164 100
162 104.6 81.6 122.4
160 44.1 34.2 51.2

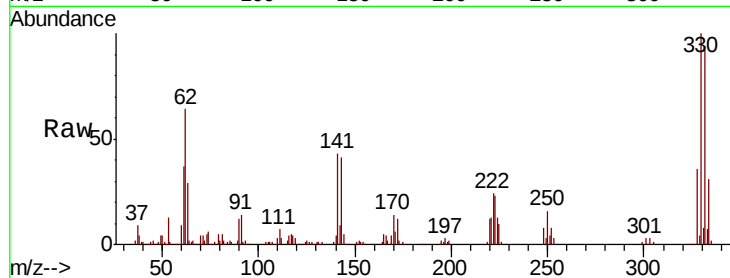




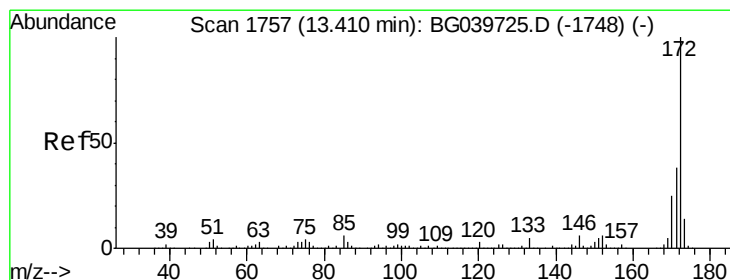
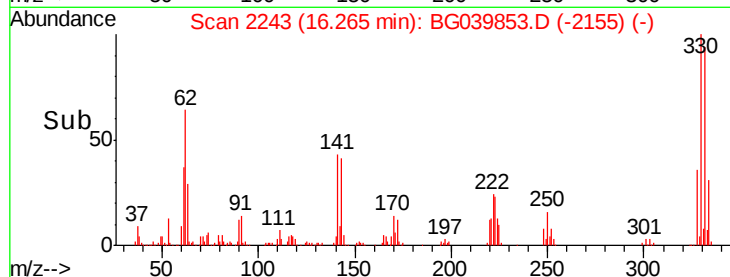
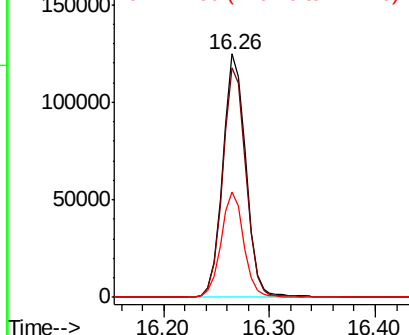
#42
 2,4,6-Tribromophenol
 Concen: 150.816 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039853.D
 Acq: 11 Mar 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-05-COMP

Tgt Ion:330 Resp: 188903
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 42.6 35.6 53.4

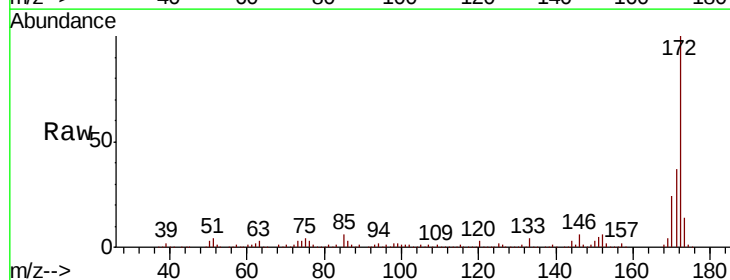


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

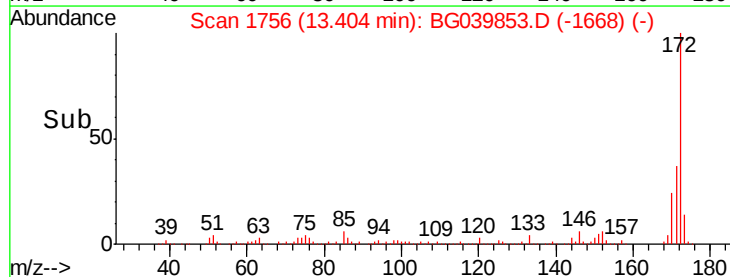
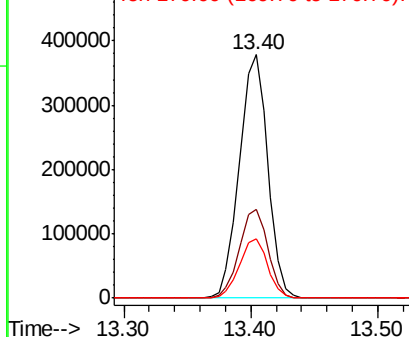


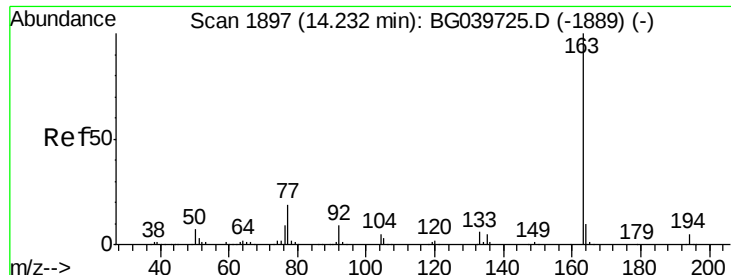
#45
 2-Fluorobiphenyl
 Concen: 77.635 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039853.D
 Acq: 11 Mar 2019 22:26

Tgt Ion:172 Resp: 585939
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.2 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: 6.368 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039853.D

Acq: 11 Mar 2019 22:26

Instrument :

BNA_G

ClientSampleId :

MR-MH-05-COMP

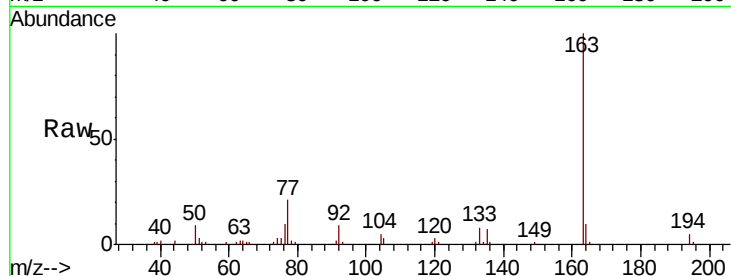
Tgt Ion:163 Resp: 57223

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

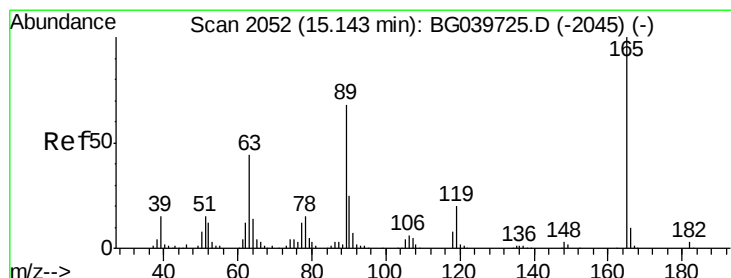
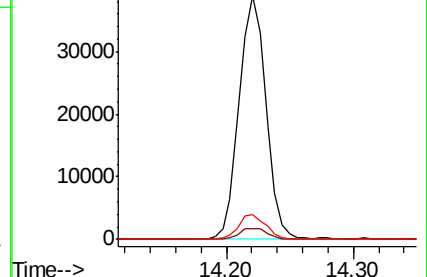
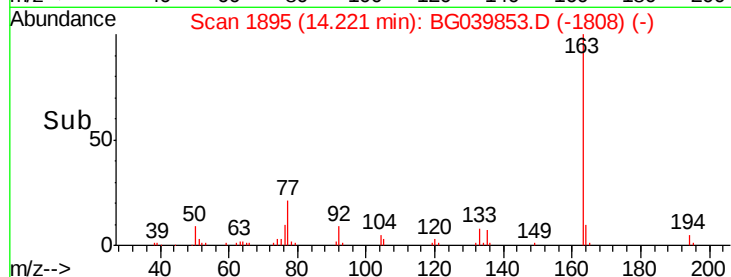
164 10.3 8.4 12.6



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: 5.001 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039853.D

Acq: 11 Mar 2019 22:26

Tgt Ion:165 Resp: 13385

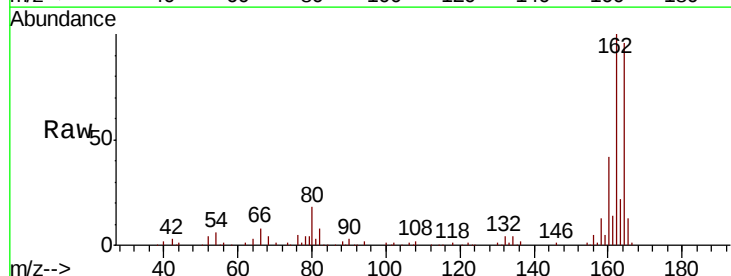
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.5 64.6 96.8#

182 0.0 2.0 3.0#

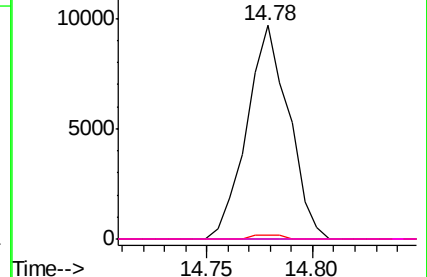
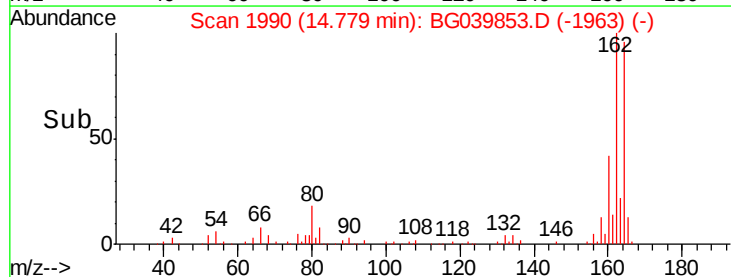


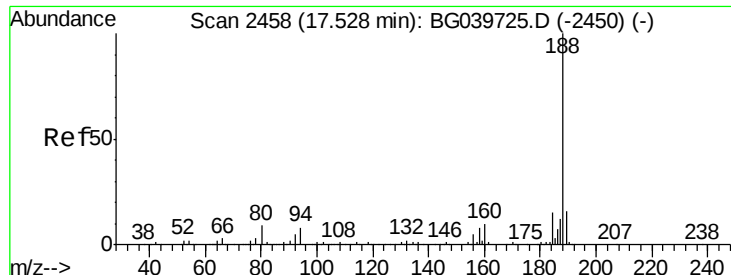
Abundance Ion 165.00 (164.70 to 165.70): E

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

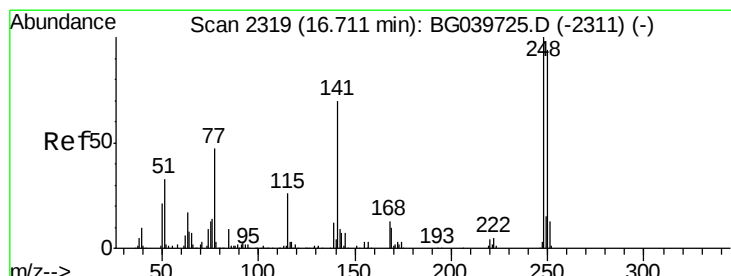
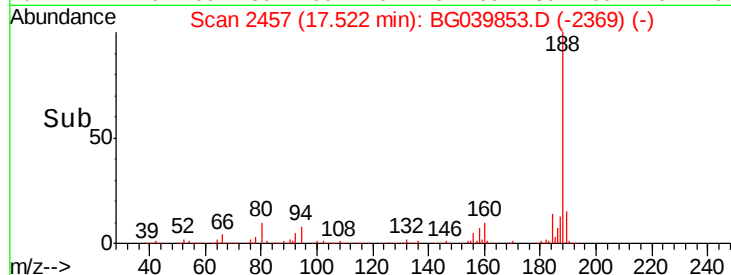
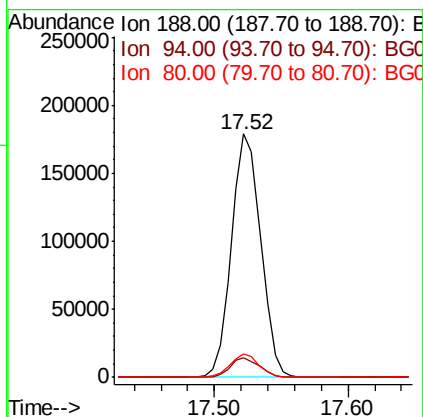
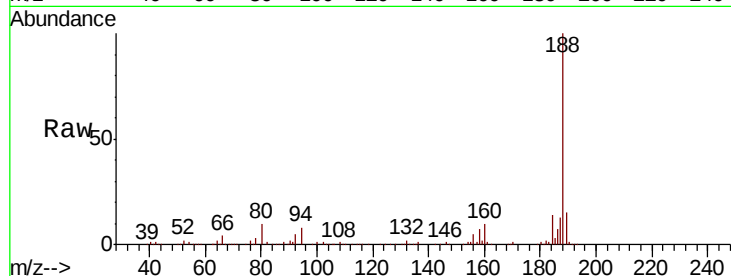




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039853.D
 Acq: 11 Mar 2019 22:26

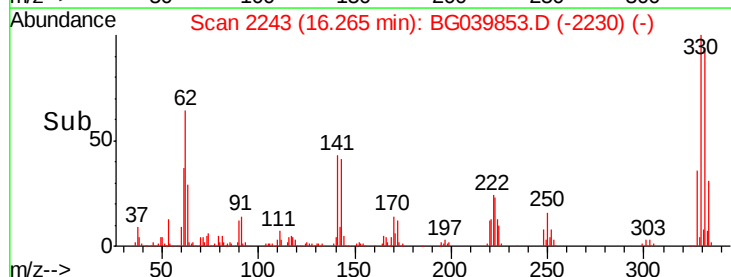
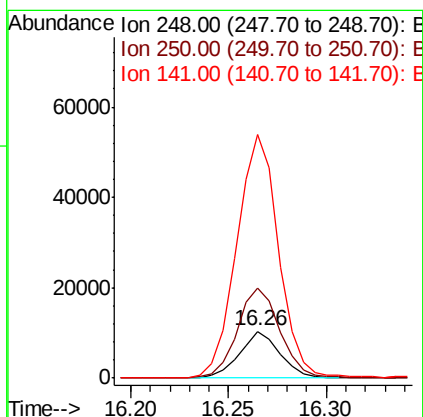
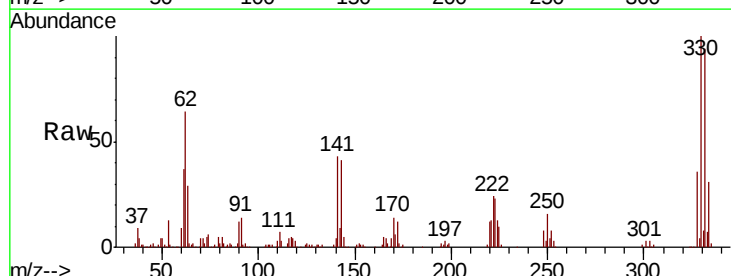
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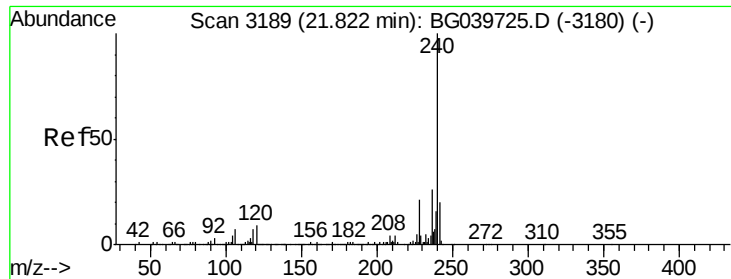
Tgt Ion:188 Resp: 274021
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.7 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.775 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039853.D
 Acq: 11 Mar 2019 22:26

Tgt Ion:248 Resp: 14647
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.6 116.4#
 141 519.3 63.9 95.9#

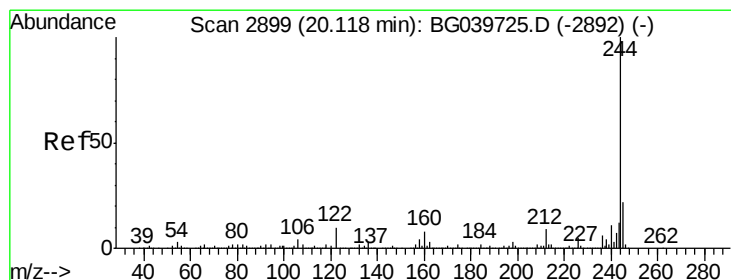
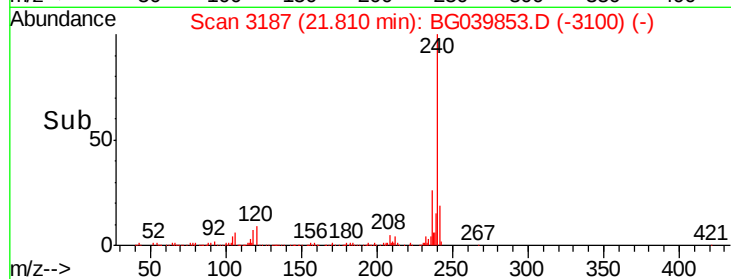
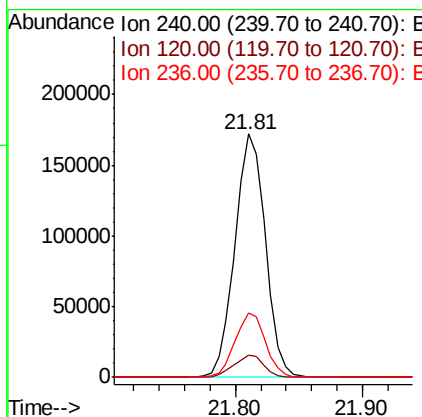
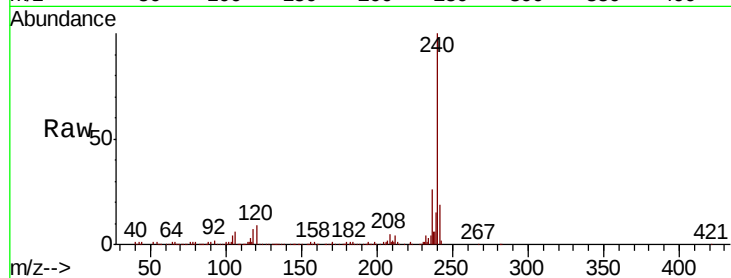




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

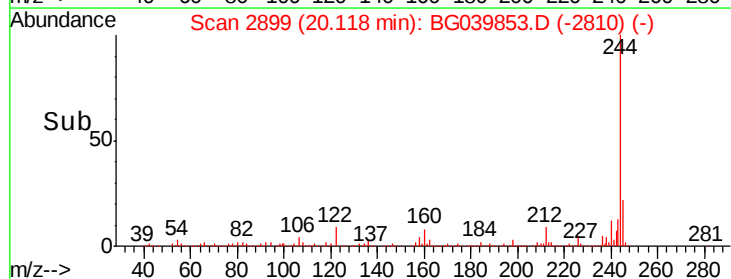
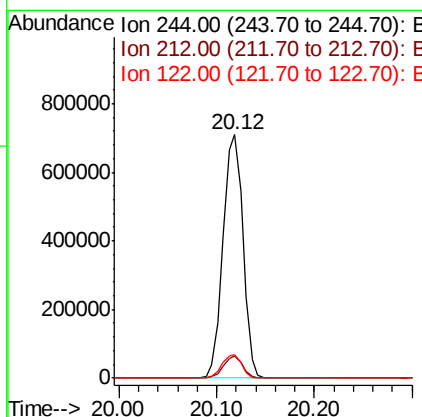
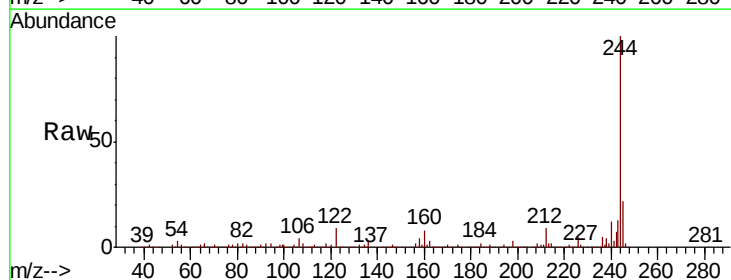
Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

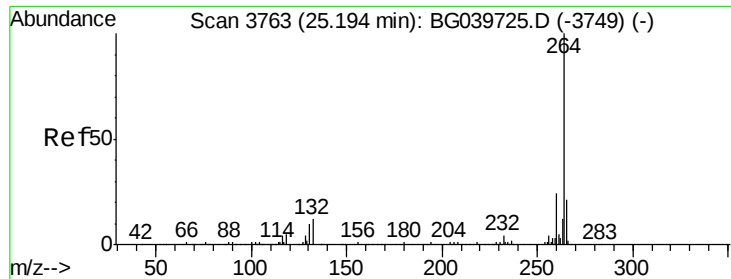
Tgt Ion: 240 Resp: 286821
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 77.097 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Tgt Ion: 244 Resp: 1004318
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 9.5 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039853.D
Acq: 11 Mar 2019 22:26

Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.4
265	20.7	18.5	27.7

