

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039863.D
 Acq On : 12 Mar 2019 6:18
 Operator : JU/SJ
 Sample : K1835-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 12 09:34:06 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

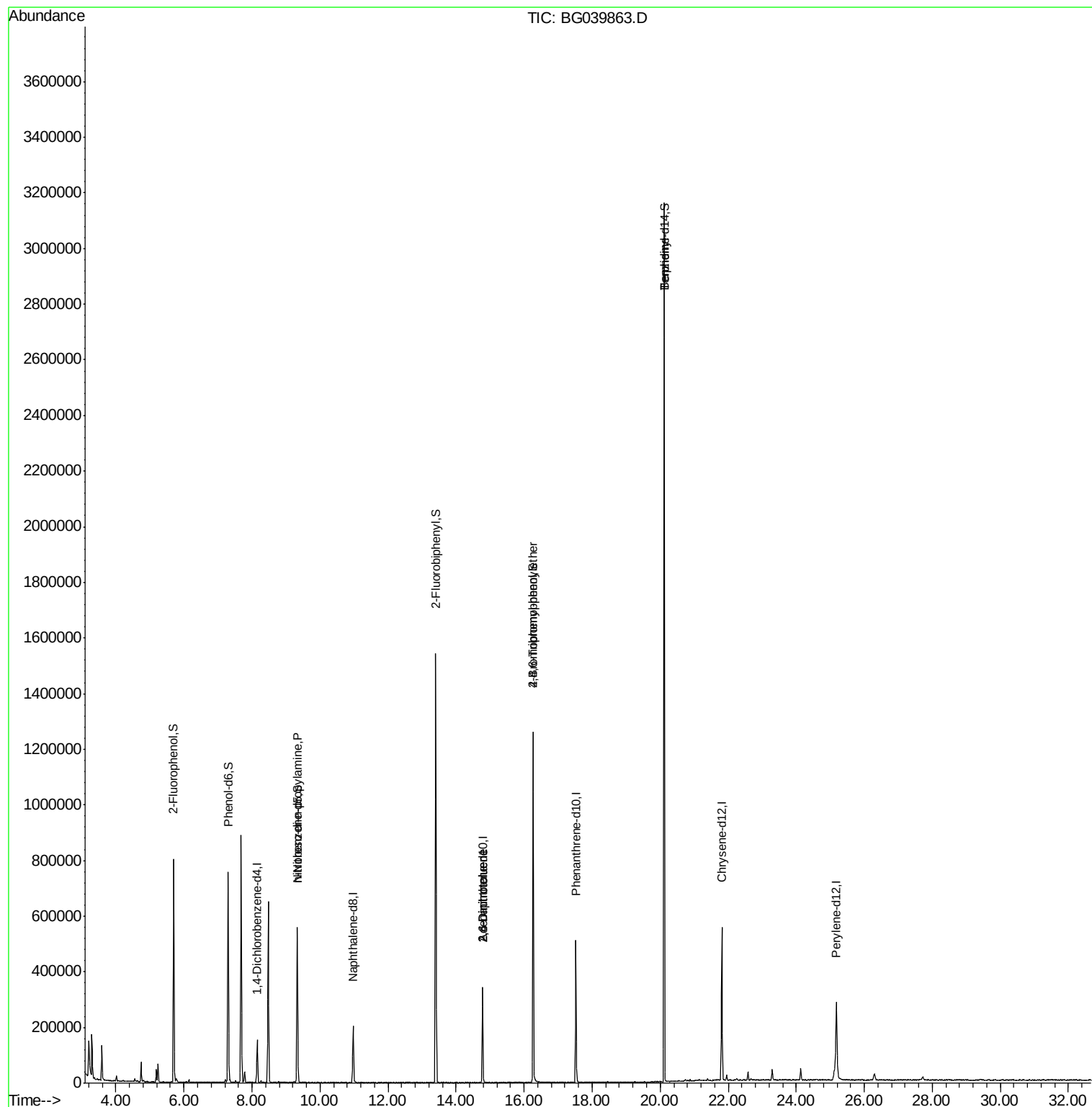
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43349	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	177764	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	121999	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	315121	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	339390	20.00	ng	-0.02
87) Perylene-d12	25.18	264	325922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336138	132.29	ng	-0.01
7) Phenol-d6	7.30	99	431893	113.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	327232	99.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	220315	154.93	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	833515	97.28	ng	-0.01
79) Terphenyl-d14	20.12	244	1421682	92.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	43677	16.016	ng	# 69
51) 2,6-Dinitrotoluene	14.78	165	16068	7.430	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	16068	5.288	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	17065	4.838	ng	# 1
77) Benzidine	20.12	184	26320	2.444	ng	# 93

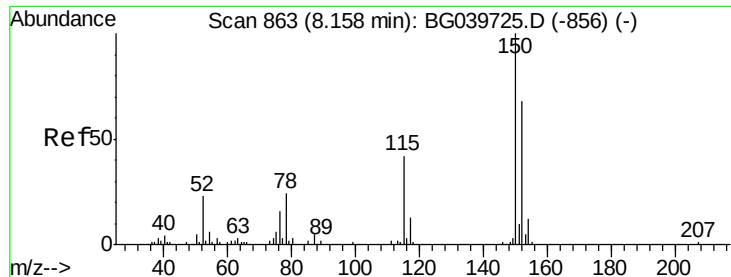
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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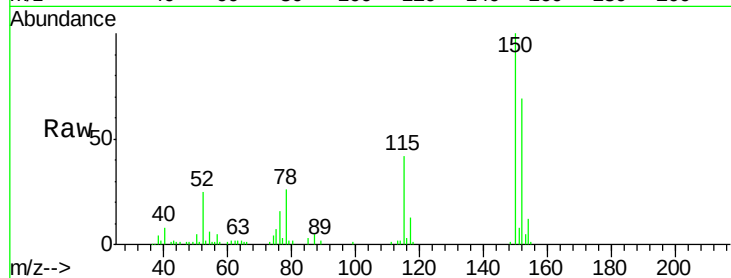


#1

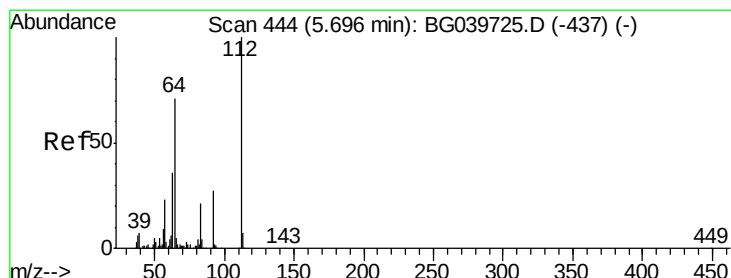
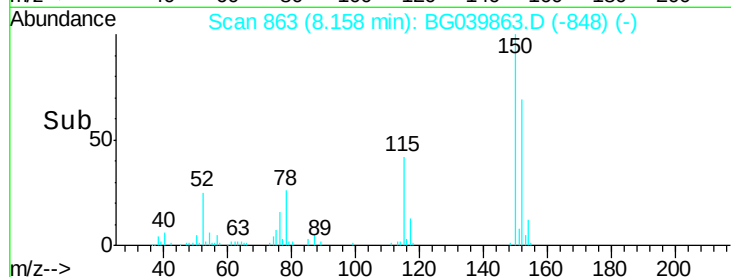
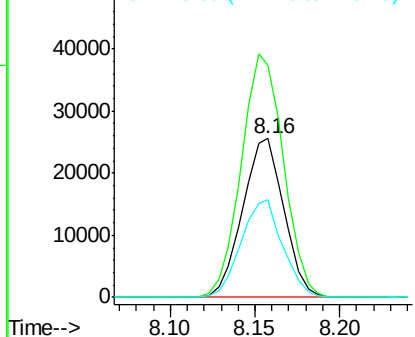
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 43349
Ion Ratio Lower Upper
152 100
150 145.9 123.7 185.5
115 61.1 45.9 68.9



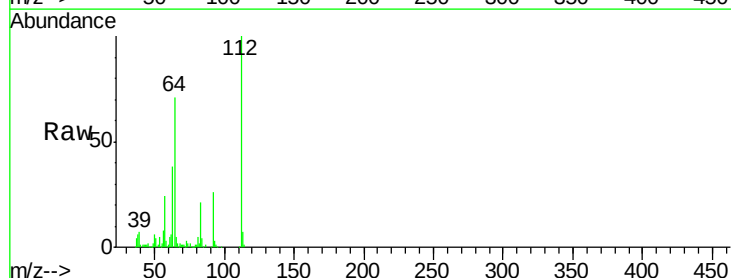
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



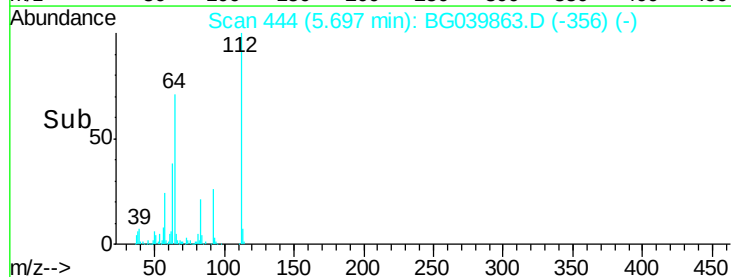
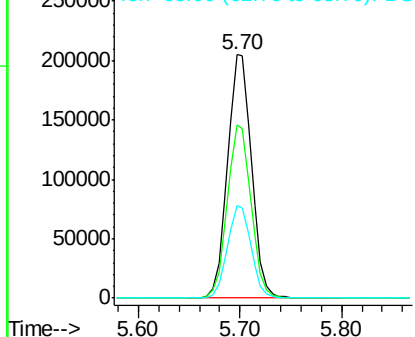
#5

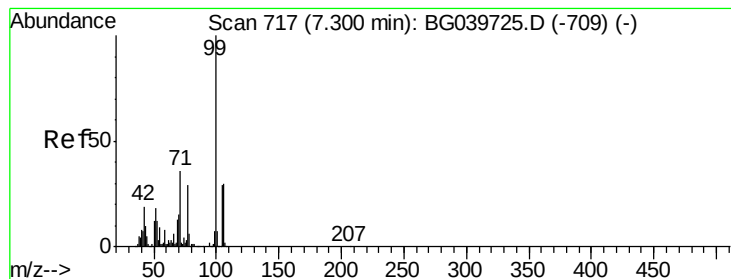
2-Fluorophenol
Concen: 132.288 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:112 Resp: 336138
Ion Ratio Lower Upper
112 100
64 71.3 57.8 86.8
63 38.0 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: 113.995 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

Instrument :

BNA_G

ClientSampleId :

TP-3

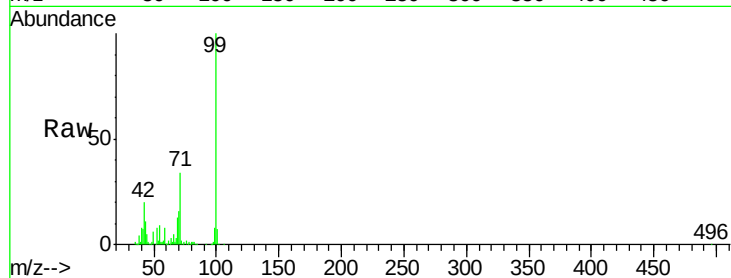
Tgt Ion: 99 Resp: 431893

Ion Ratio Lower Upper

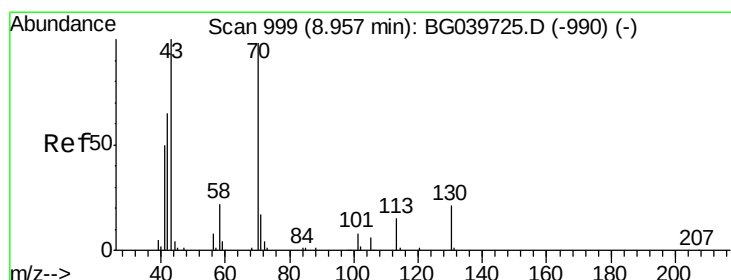
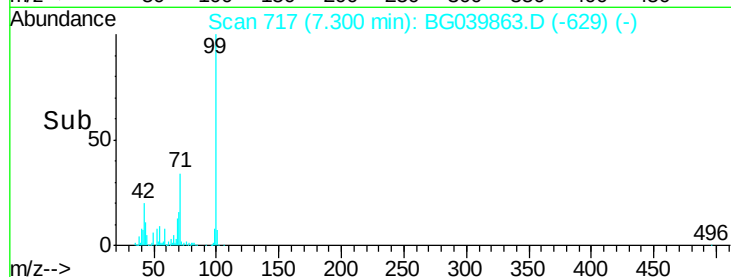
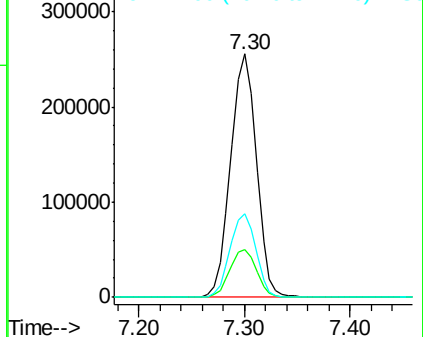
99 100

42 19.6 18.2 27.2

71 34.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.016 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

Tgt Ion: 70 Resp: 43677

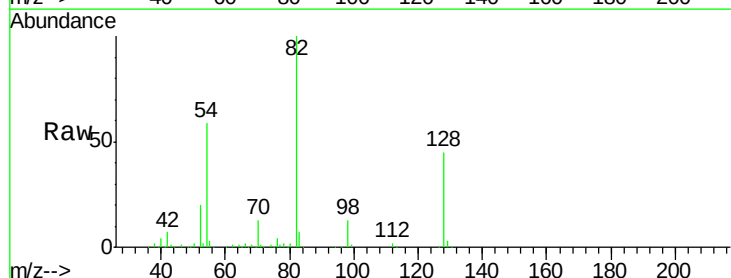
Ion Ratio Lower Upper

70 100

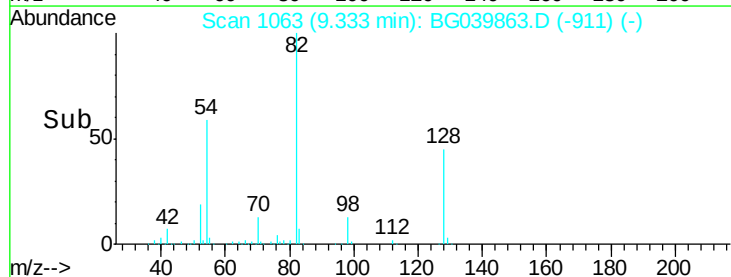
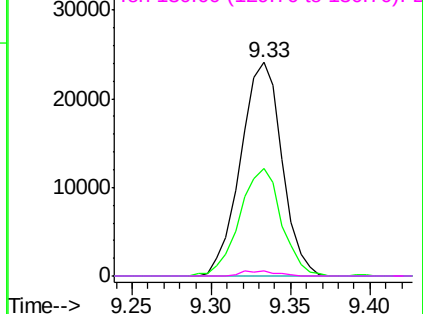
42 50.4 60.4 90.6#

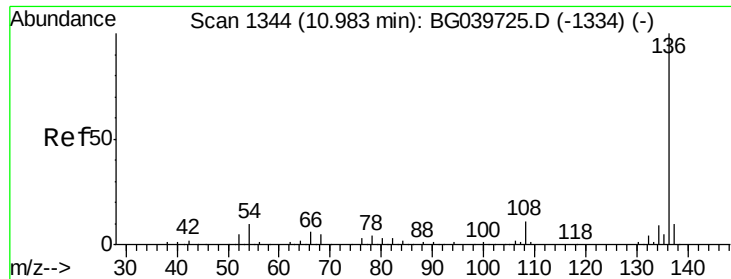
101 0.0 7.5 11.3#

130 2.3 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

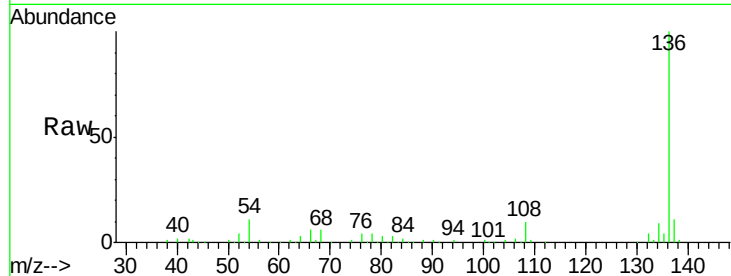




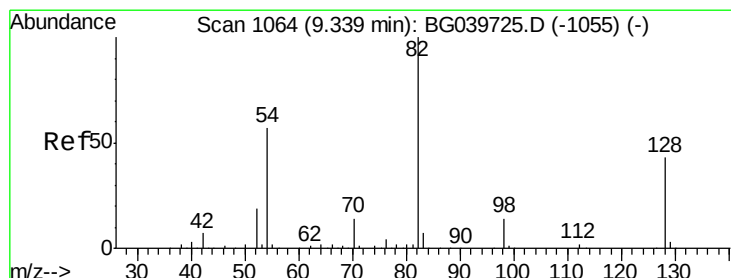
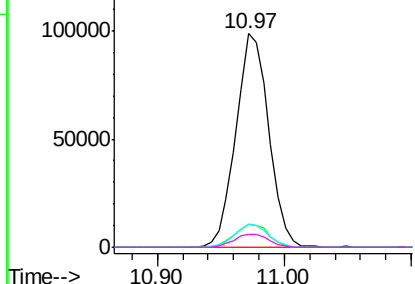
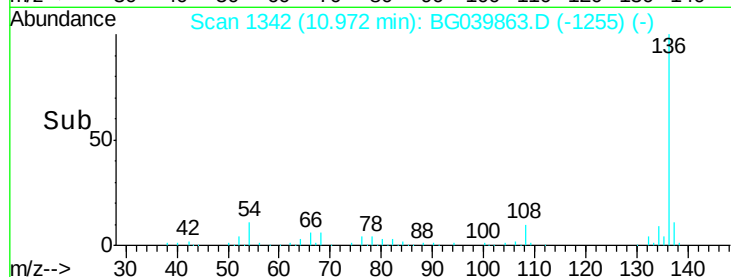
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	177764
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.0	9.4	14.2
68	5.9	4.2	6.4

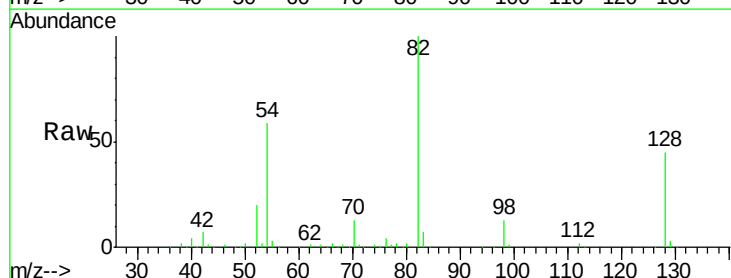


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

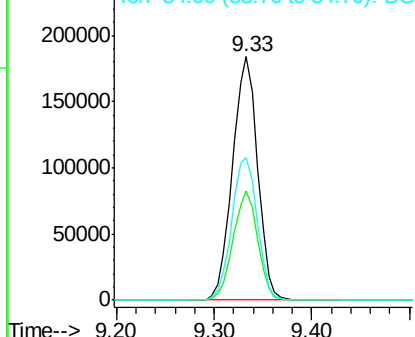
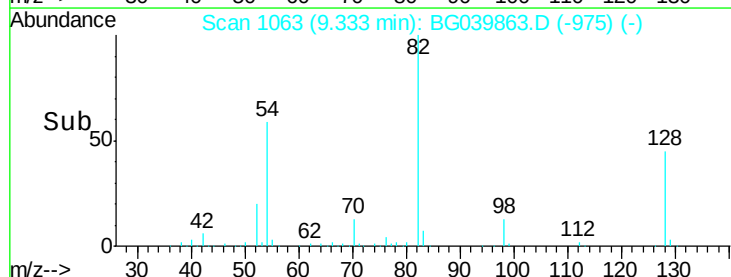


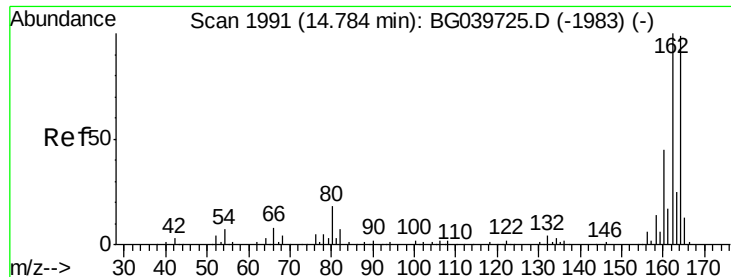
#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:	82	Resp:	327232
Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	58.7	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: BG039863.D

Acq: 12 Mar 2019 6:18

Instrument :

BNA_G

ClientSampleId :

TP-3

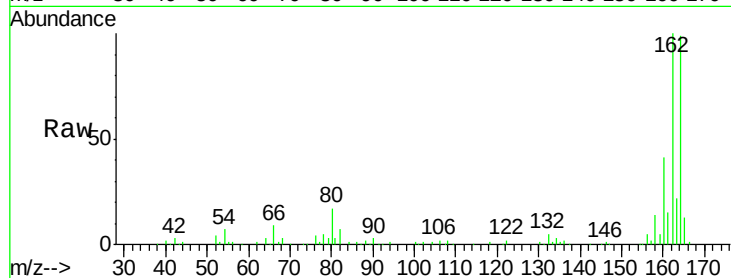
Tgt Ion:164 Resp: 121999

Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

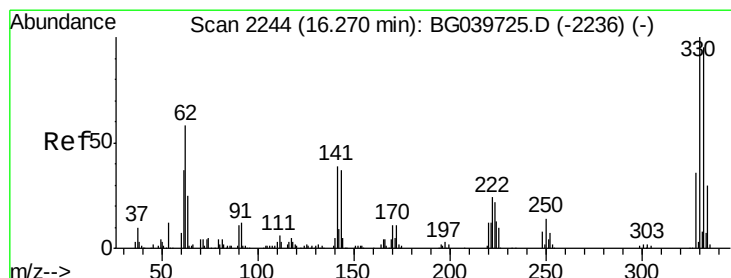
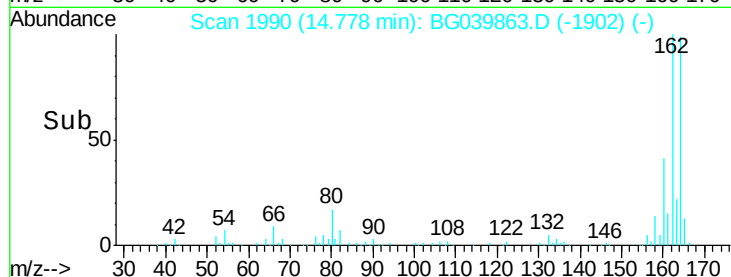
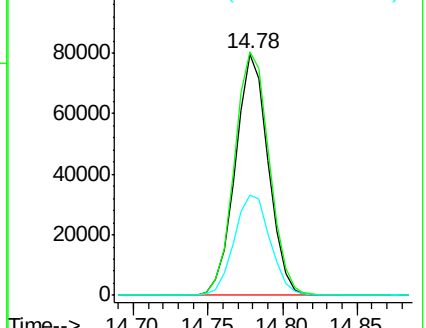
160 41.6 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 154.934 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

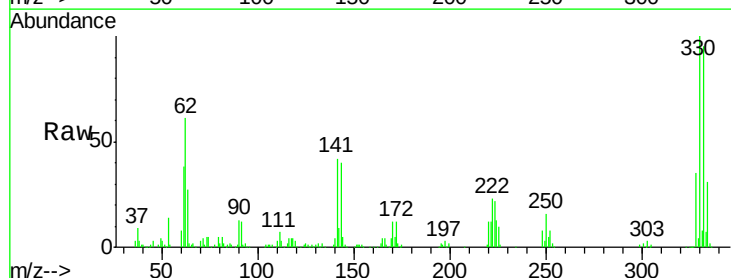
Tgt Ion:330 Resp: 220315

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

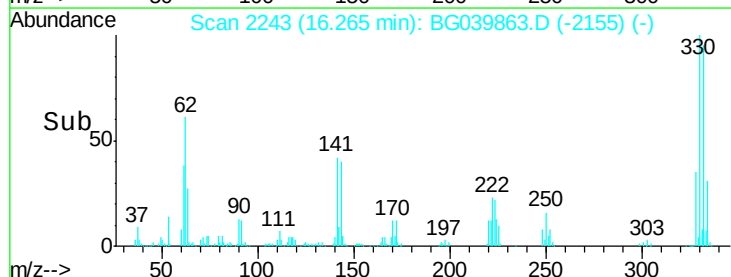
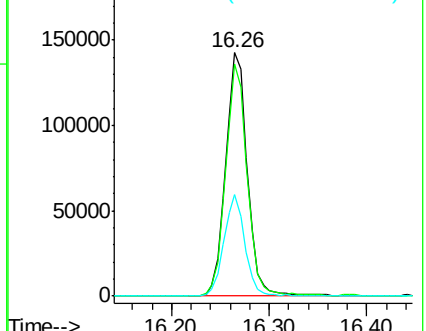
141 40.2 35.6 53.4

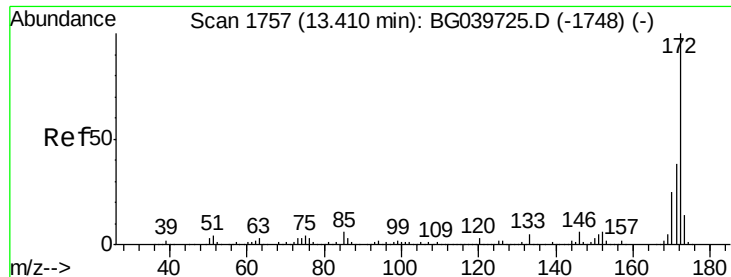


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

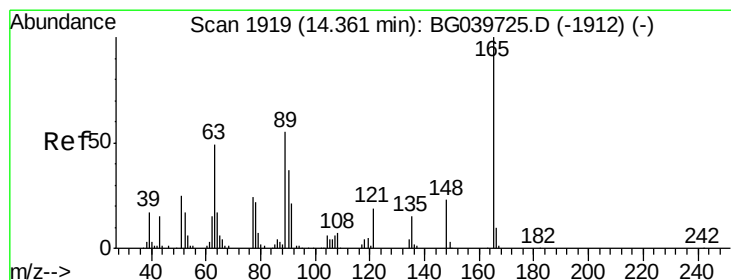
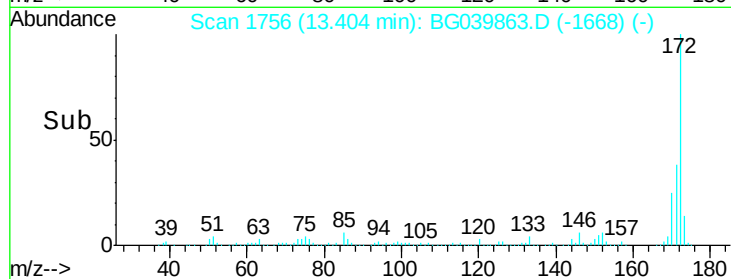
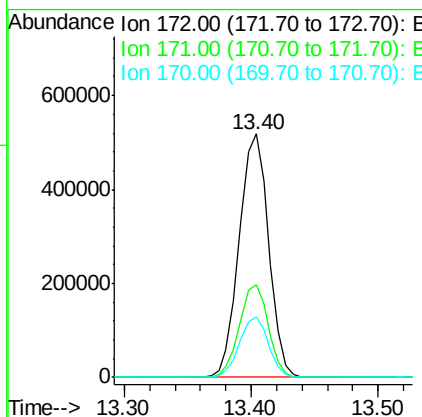
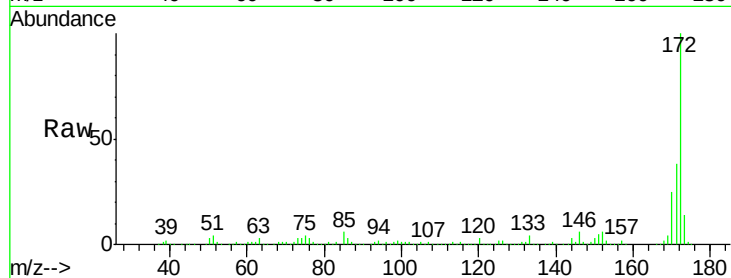




#45
 2-Fluorobiphenyl
 Concen: 97.278 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039863.D
 Acq: 12 Mar 2019 6:18

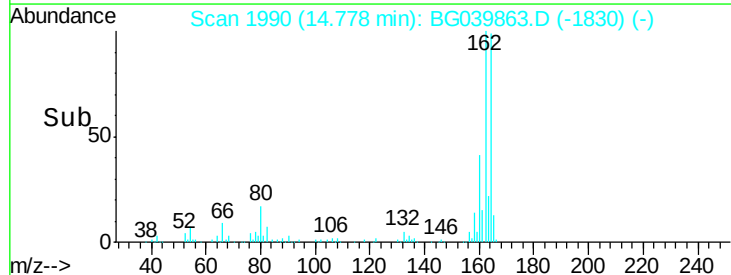
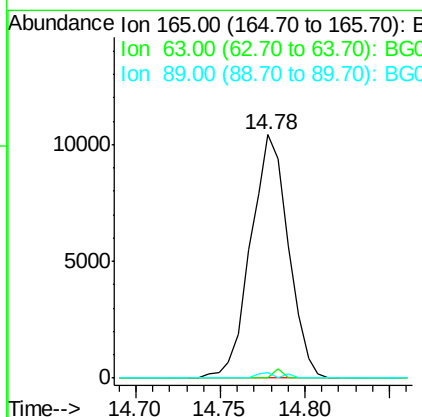
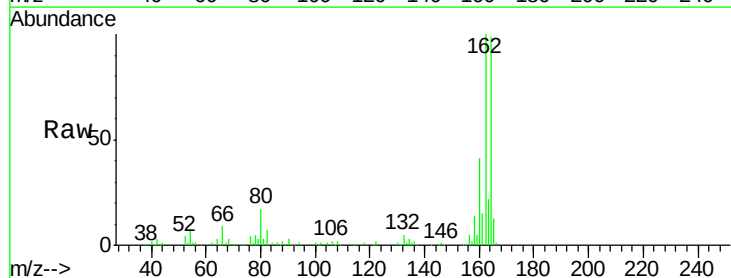
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

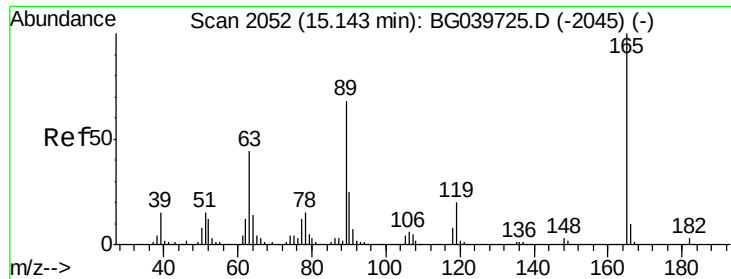
Tgt Ion:172 Resp: 833515
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.7 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.430 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039863.D
 Acq: 12 Mar 2019 6:18

Tgt Ion:165 Resp: 16068
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 2.1 45.8 68.8#

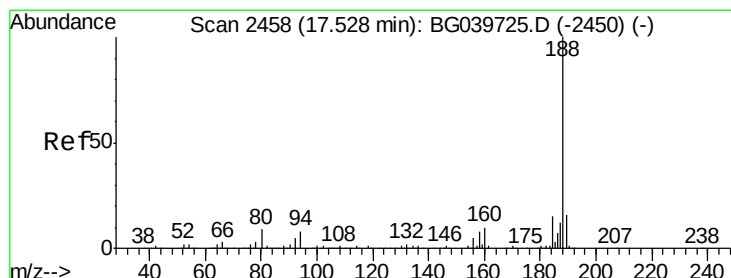
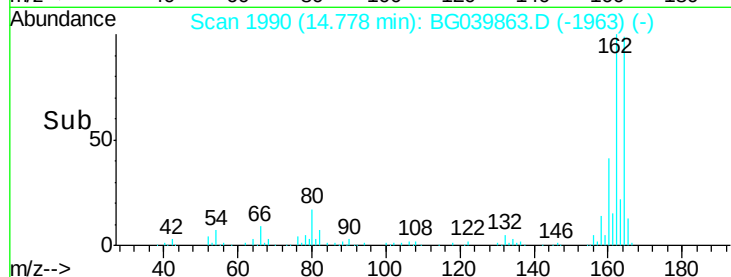
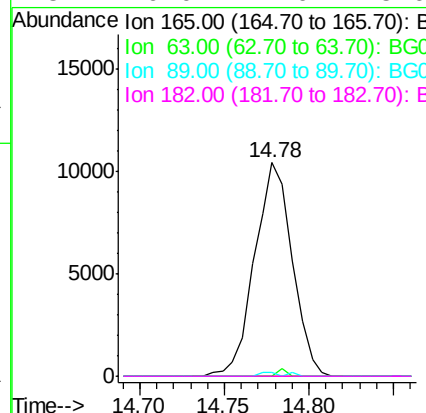
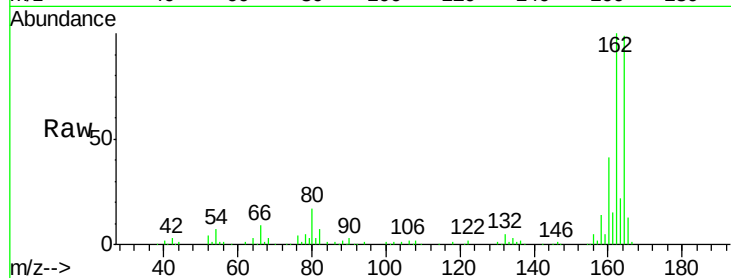




#57
 2,4-Dinitrotoluene
 Concen: 5.288 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039863.D
 Acq: 12 Mar 2019 6:18

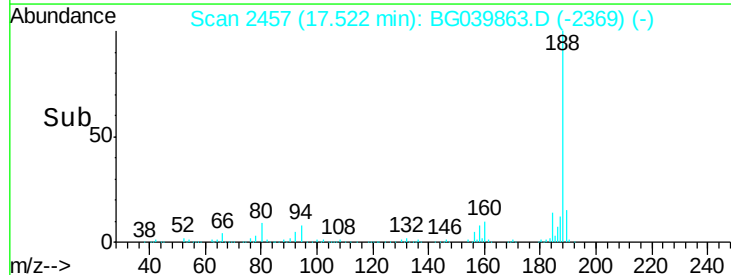
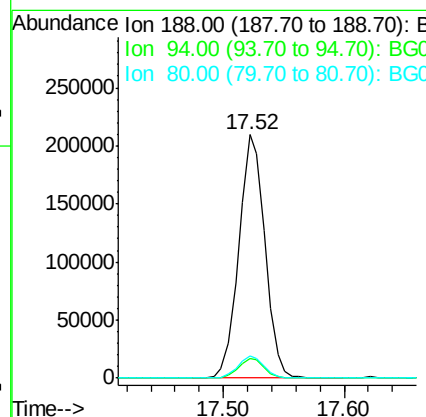
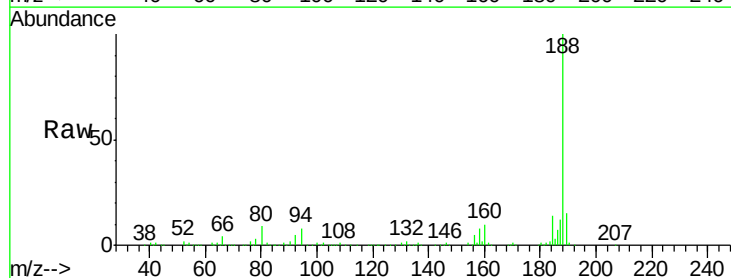
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 ClientSampleId :
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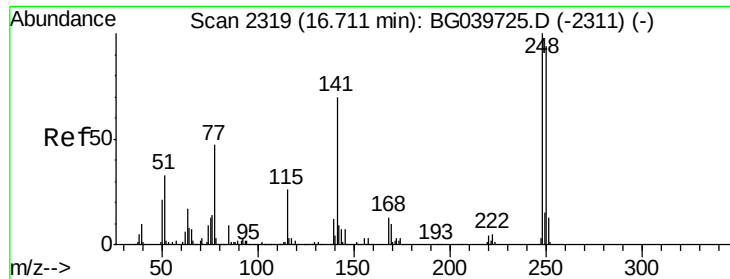
Tgt Ion:	165	Resp:	16068
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.1	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039863.D
 Acq: 12 Mar 2019 6:18

Tgt Ion:	188	Resp:	315121
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.2	8.1	12.1





#67

4-Bromophenyl-phenylether

Concen: 4.838 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

Instrument :

BNA_G

ClientSampleId :

TP-3

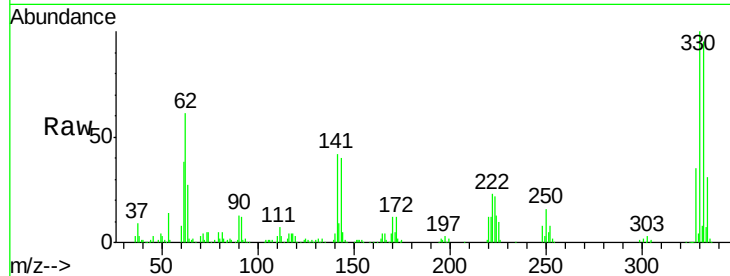
Tgt Ion:248 Resp: 17065

Ion Ratio Lower Upper

248 100

250 213.0 77.6 116.4#

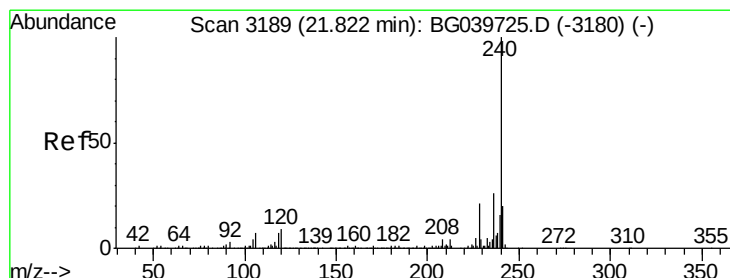
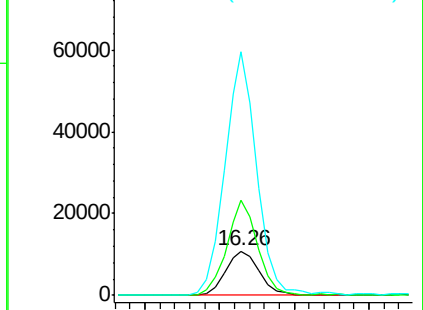
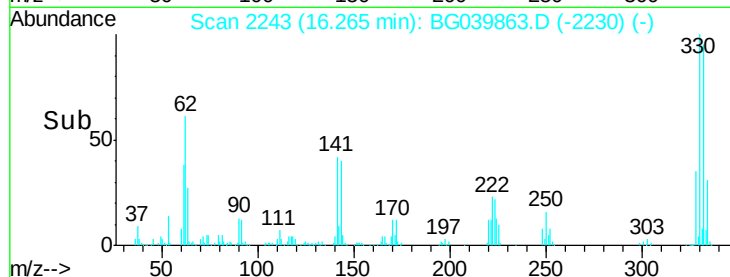
141 546.7 63.9 95.9#



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: BG039863.D

Acq: 12 Mar 2019 6:18

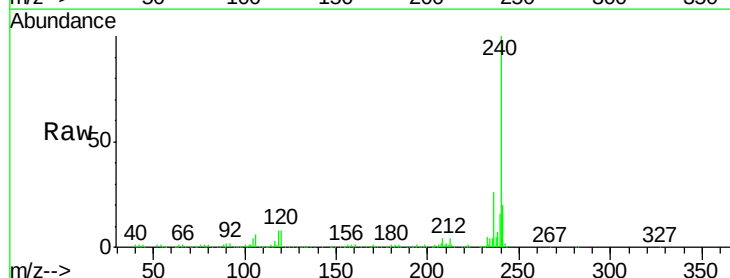
Tgt Ion:240 Resp: 339390

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

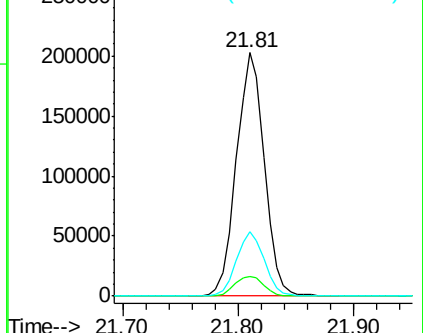
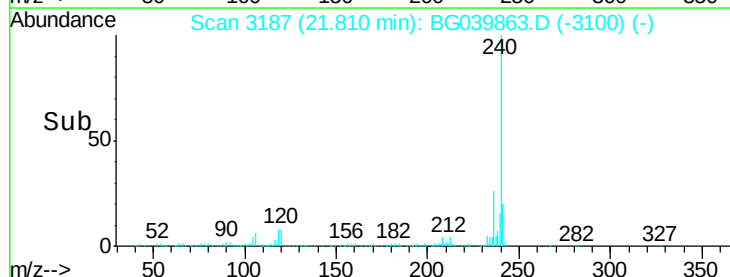
236 26.4 21.0 31.4

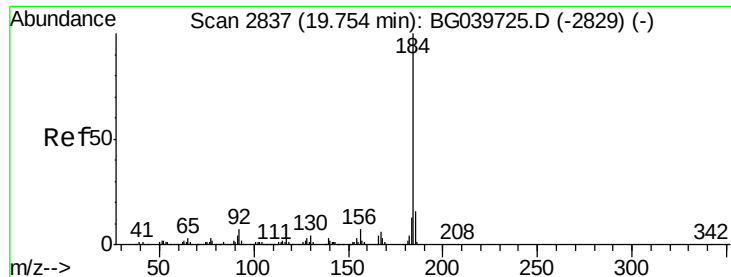


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.444 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.36 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

Instrument :

BNA_G

ClientSampleId :

TP-3

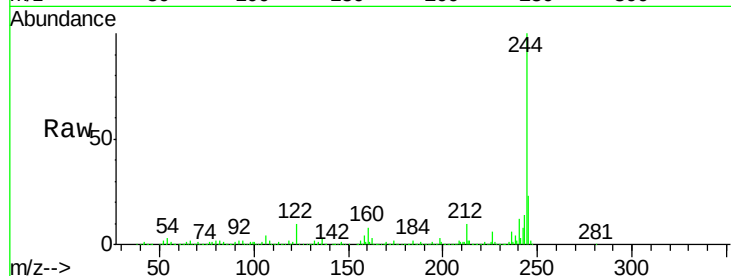
Tgt Ion:184 Resp: 26320

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

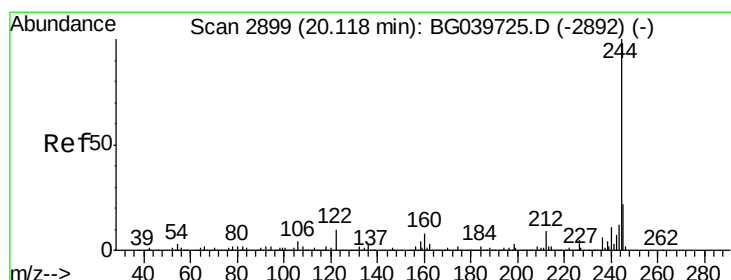
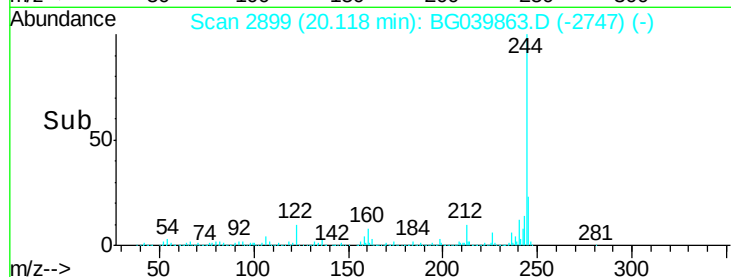
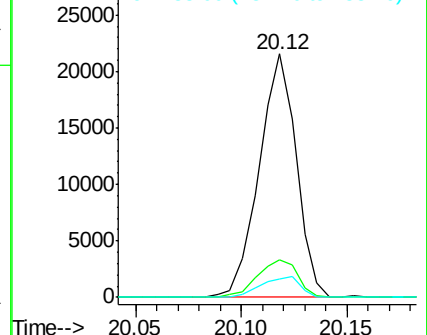
183 7.7 10.6 15.8#



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



#79

Terphenyl-d14

Concen: 92.232 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039863.D

Acq: 12 Mar 2019 6:18

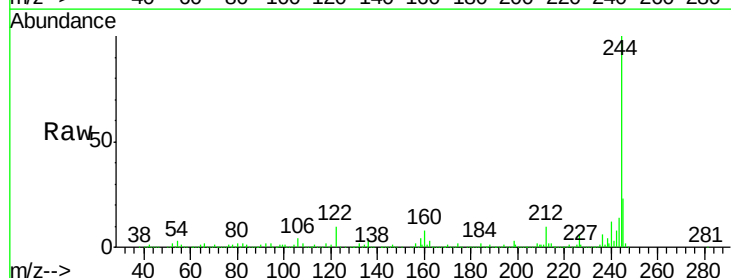
Tgt Ion:244 Resp: 1421682

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

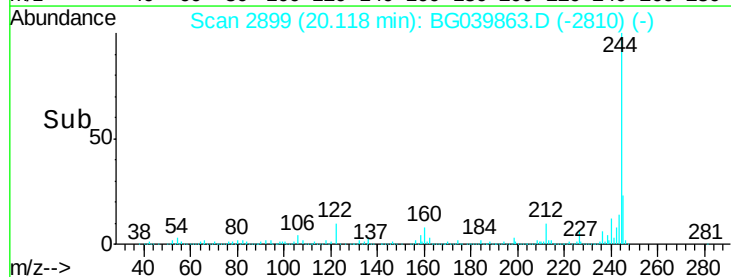
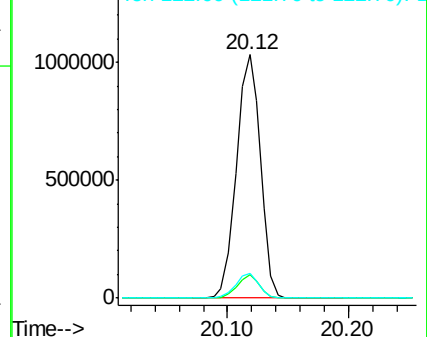
122 9.9 8.4 12.6

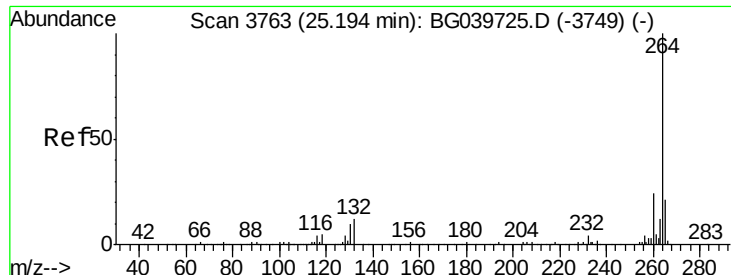


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

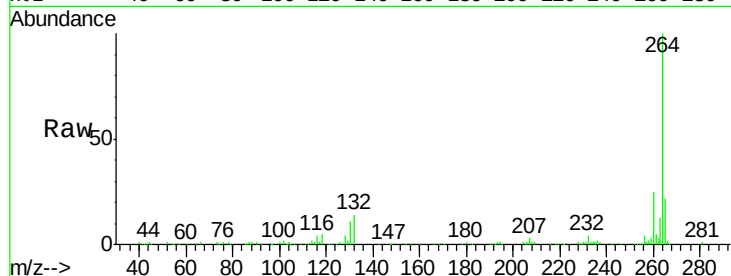




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.18 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG039863.D
 Acq: 12 Mar 2019 6:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:	264	Resp:	325922
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.4	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

