

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039893.D
 Acq On : 13 Mar 2019 4:08
 Operator : JU/SJ
 Sample : K1697-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031119-B

Quant Time: Mar 13 05:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

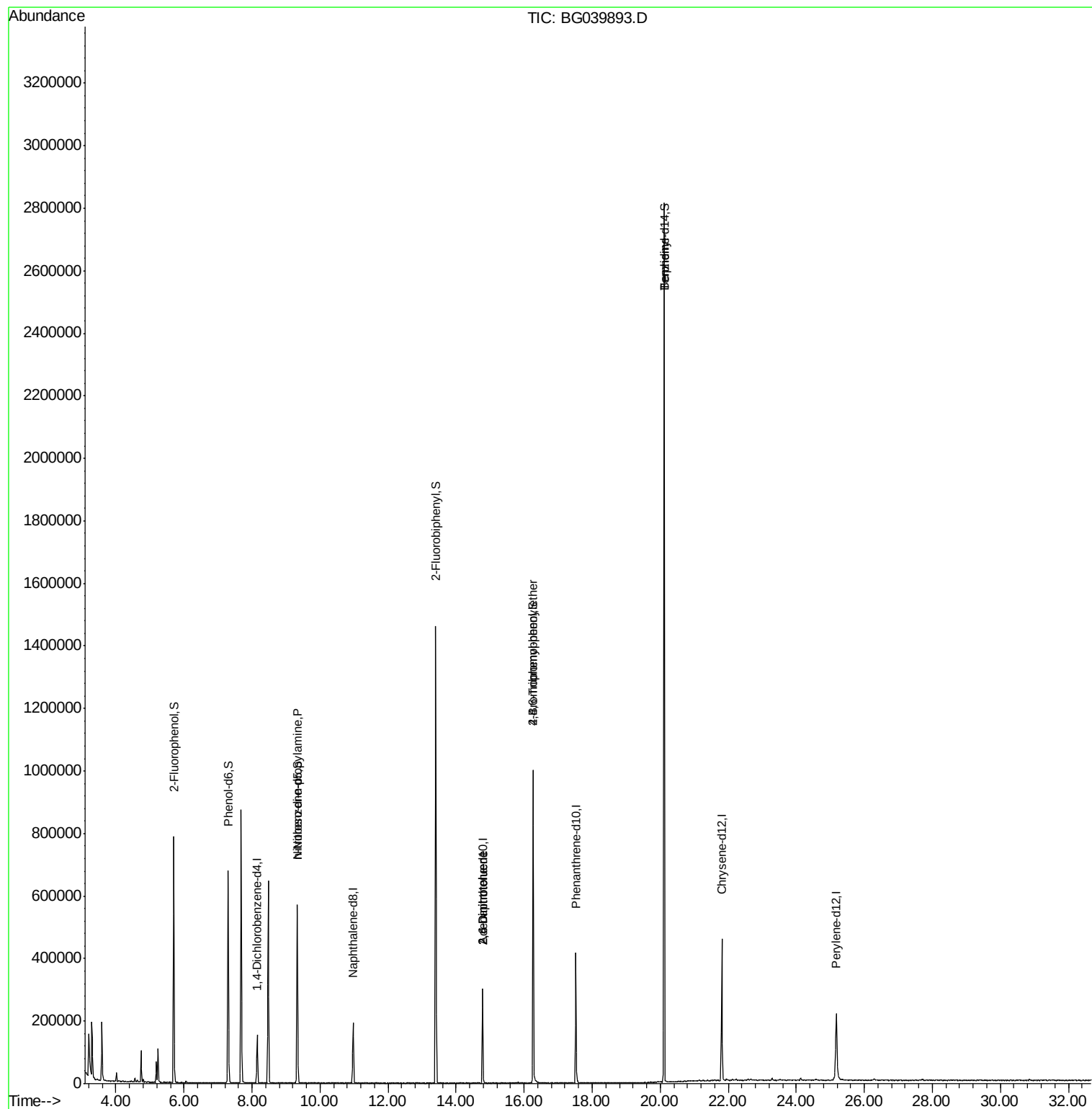
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	168259	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	106701	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	260147	20.00	ng	0.00
76) Chrysene-d12	21.81	240	284088	20.00	ng	0.00
87) Perylene-d12	25.18	264	268767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	323057	131.65	ng	0.00
7) Phenol-d6	7.30	99	384099	104.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	332324	106.82	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	169527	136.31	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	762171	101.70	ng	0.00
79) Terphenyl-d14	20.12	244	1288791	99.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	43573	16.545	ng	# 70
51) 2,6-Dinitrotoluene	14.78	165	13597	7.189	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	13597	5.116	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	12473	4.283	ng	# 1
77) Benzidine	20.12	184	22790	2.528	ng	# 90

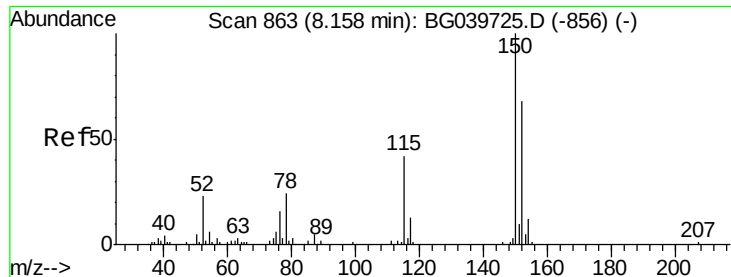
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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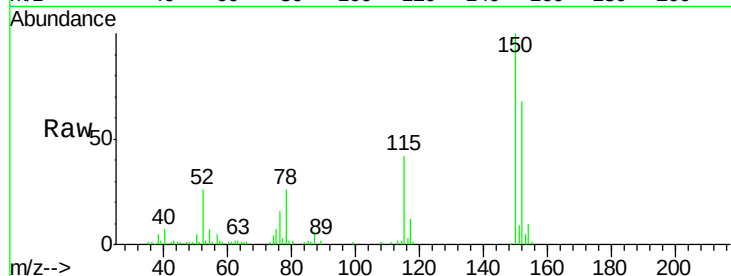


#1

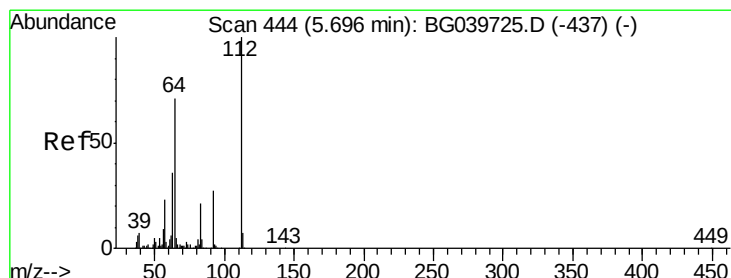
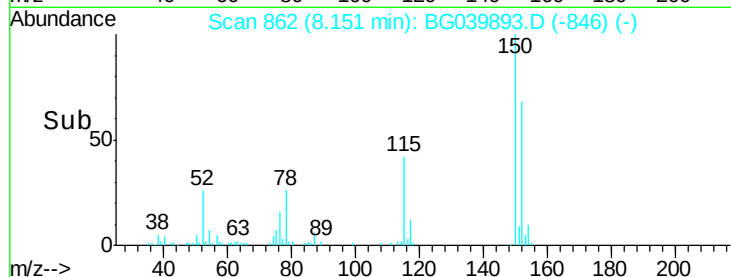
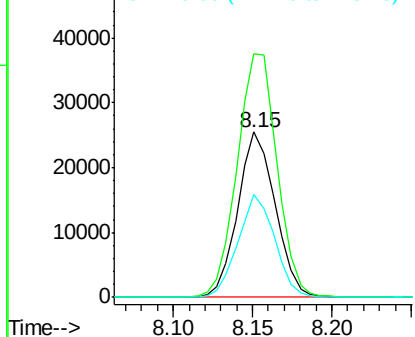
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

Tgt Ion:152 Resp: 41864
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 62.0 45.9 68.9



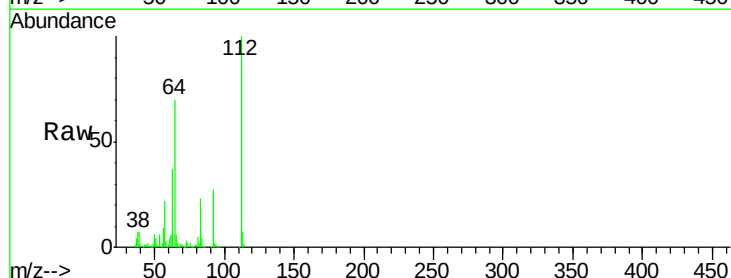
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



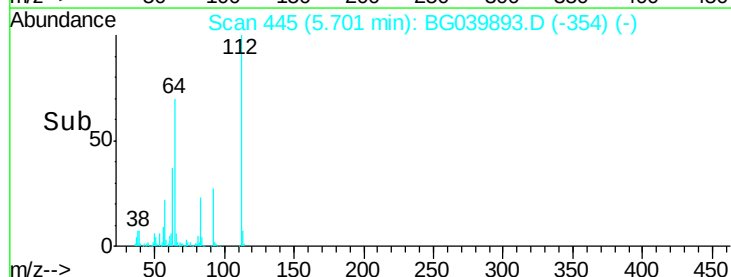
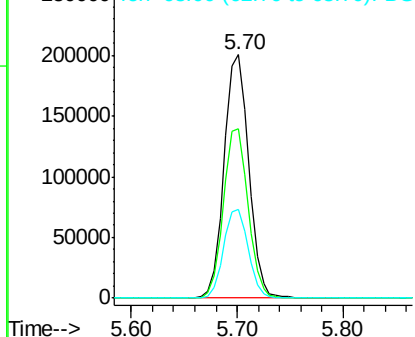
#5

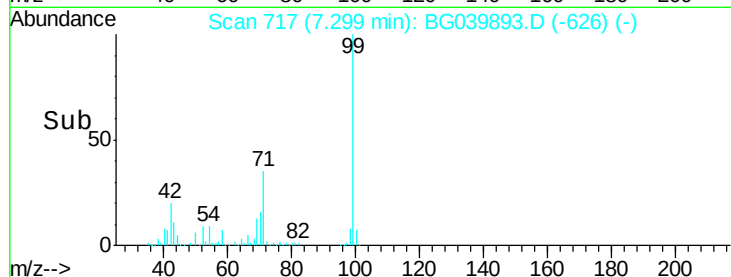
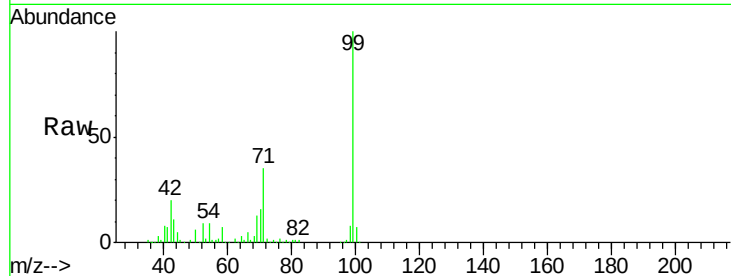
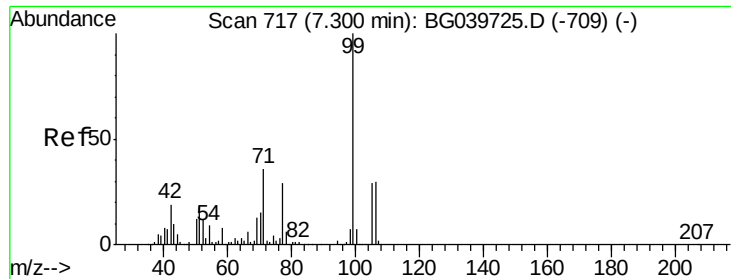
2-Fluorophenol
Concen: 131.650 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Tgt Ion:112 Resp: 323057
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.8
63 36.5 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: 104.976 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

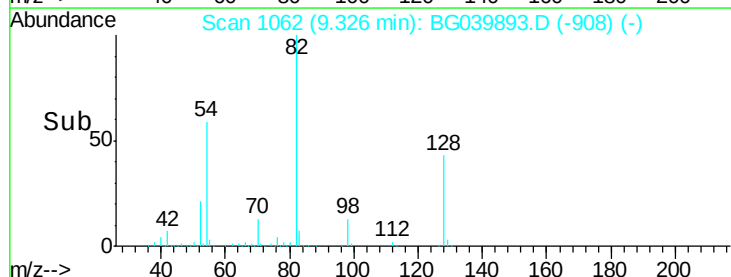
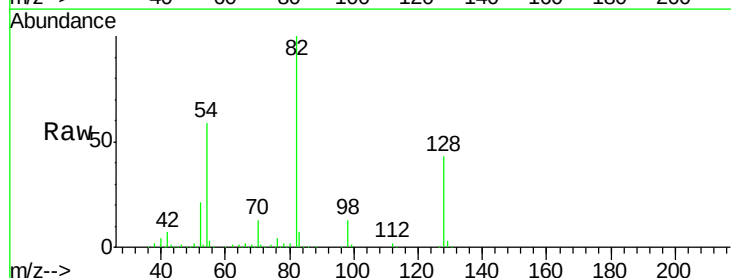
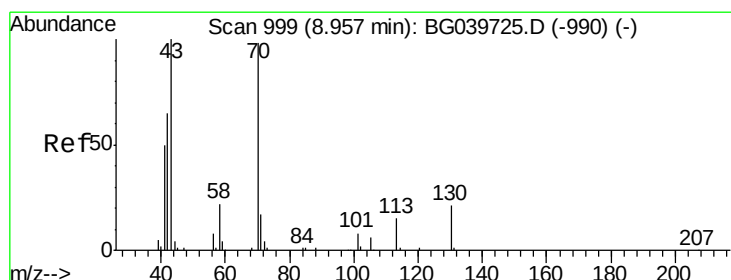
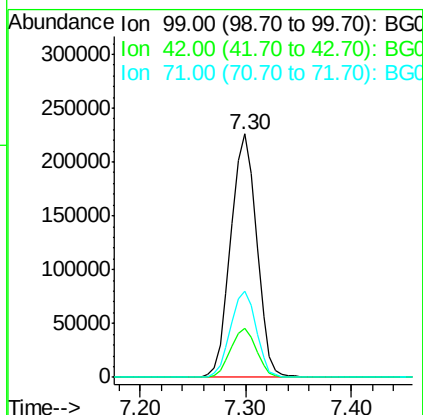
Tgt Ion: 99 Resp: 384099

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 35.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.545 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.37 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Tgt Ion: 70 Resp: 43573

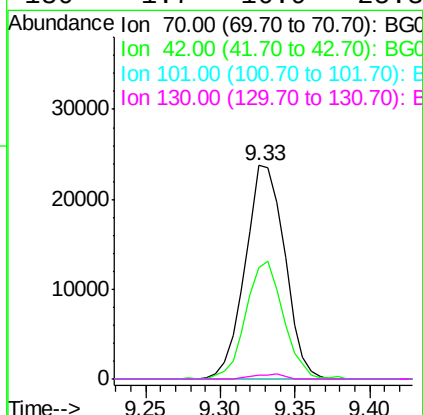
Ion Ratio Lower Upper

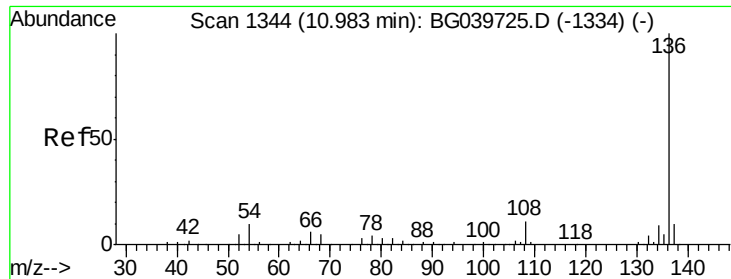
70 100

42 52.3 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 16.9 25.3#

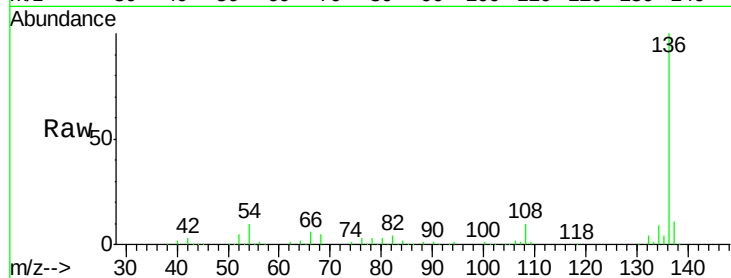




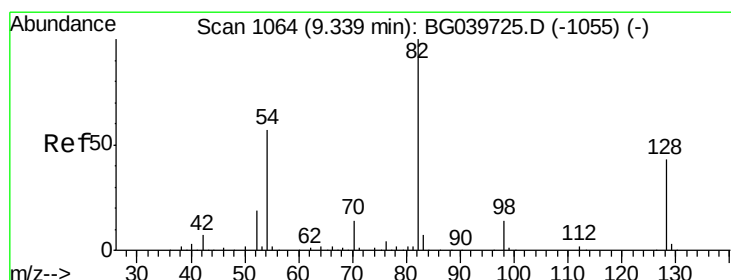
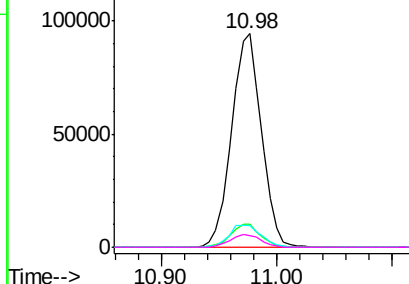
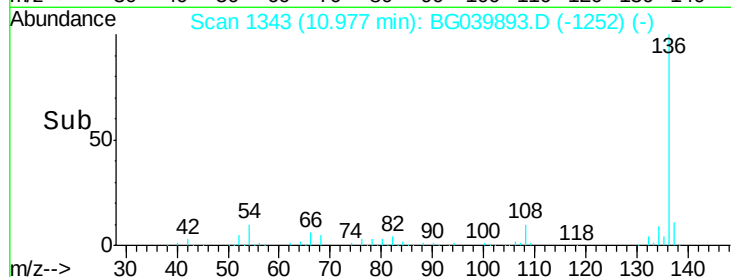
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

Tgt Ion:	136	Resp:	168259
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	9.4	14.2
68	5.1	4.2	6.4

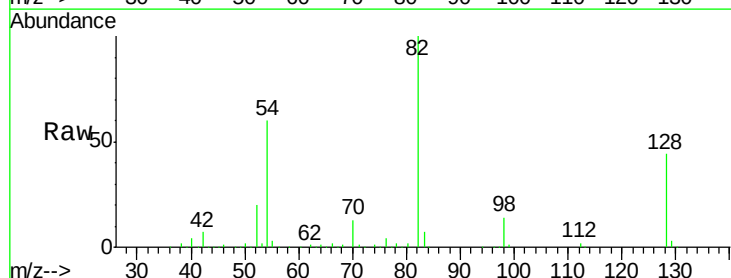


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

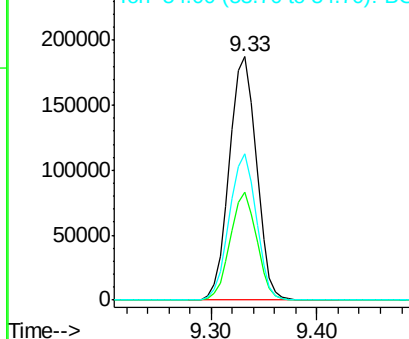
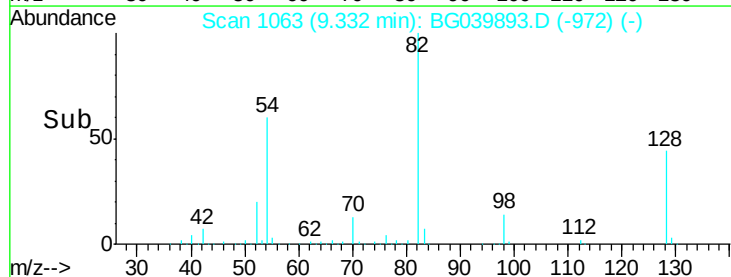


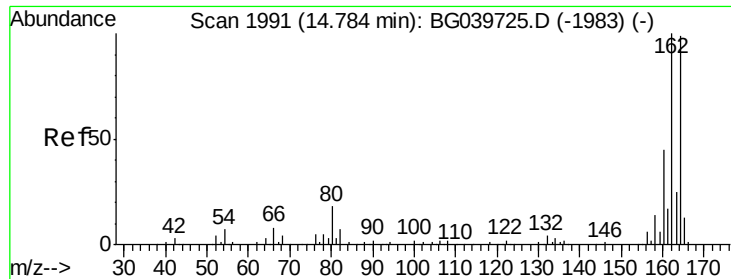
#23
Nitrobenzene-d5
Concen: 106.820 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Tgt Ion:	82	Resp:	332324
Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.3	46.9
54	59.8	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. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

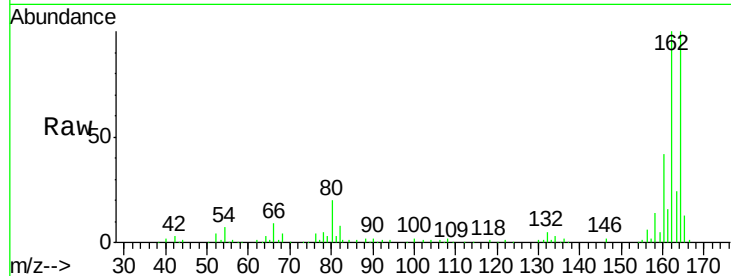
Tgt Ion:164 Resp: 106701

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

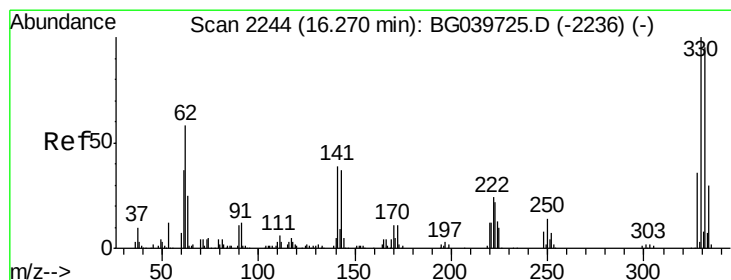
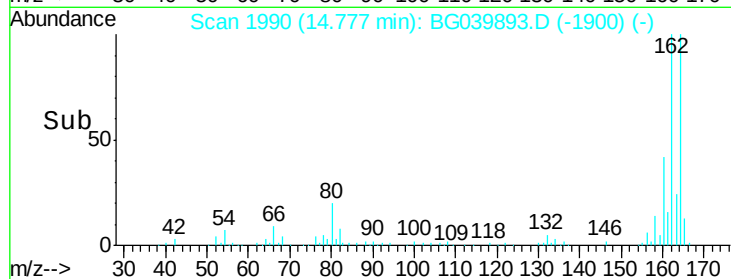
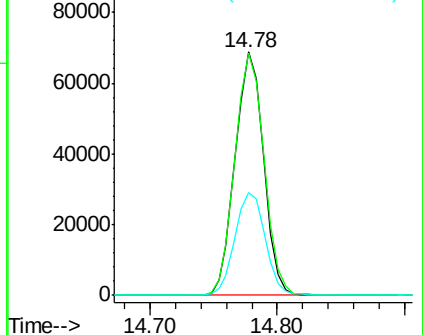
160 42.1 34.2 51.2



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: 136.311 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

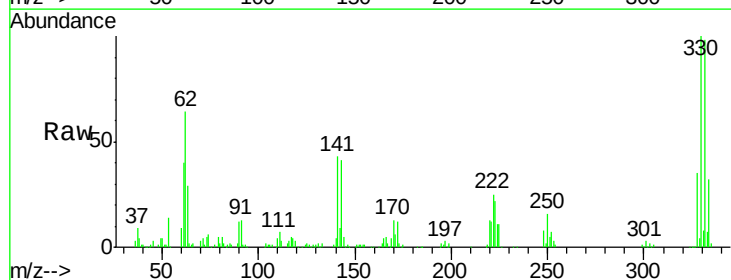
Tgt Ion:330 Resp: 169527

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

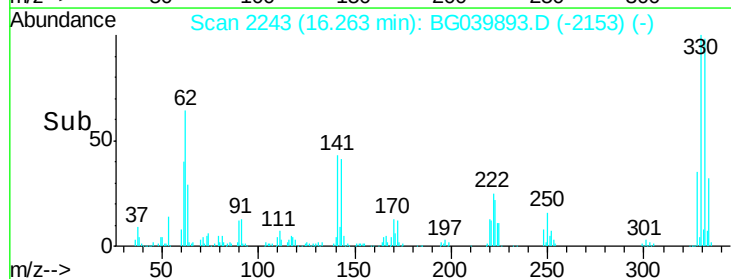
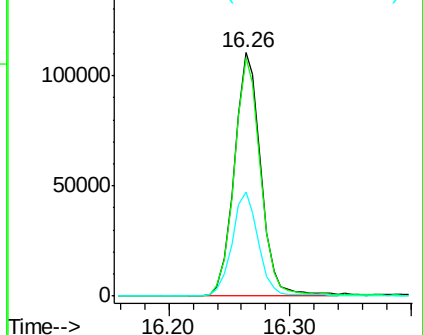
141 42.5 35.6 53.4

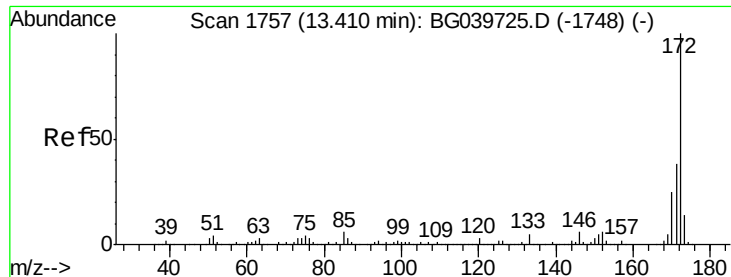


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

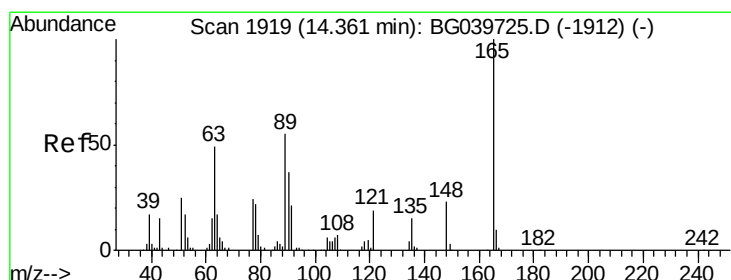
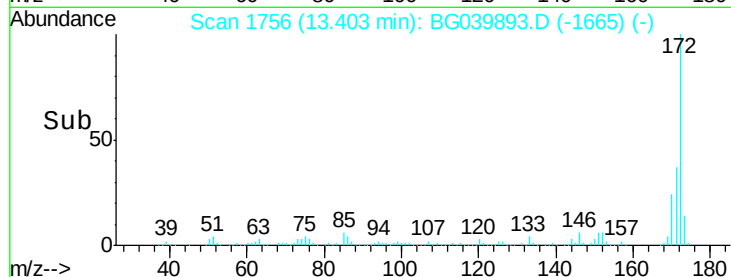
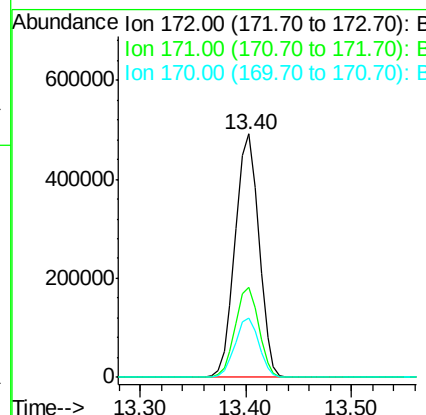
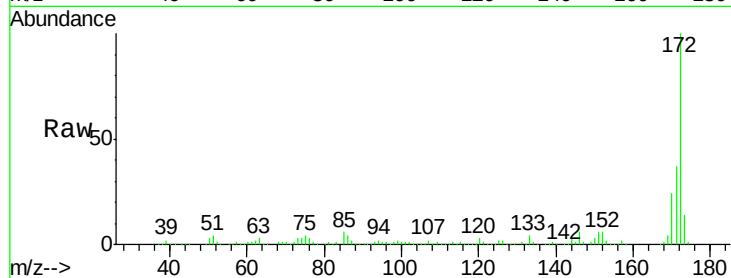




#45
 2-Fluorobiphenyl
 Concen: 101.705 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG039893.D
 Acq: 13 Mar 2019 4:08

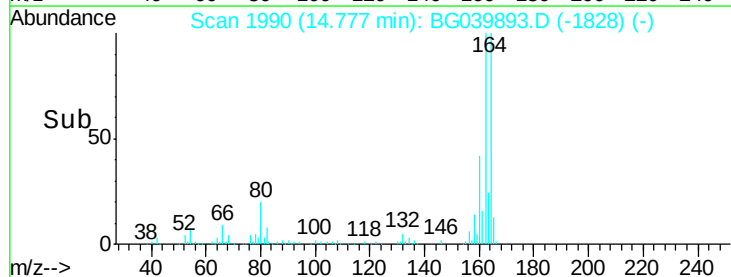
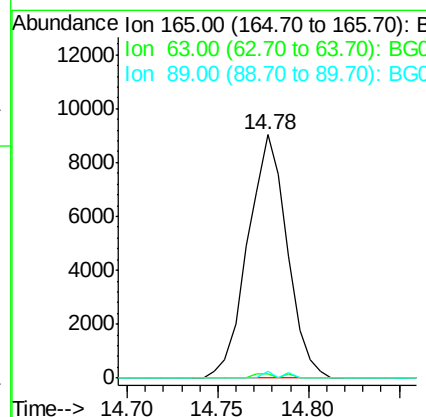
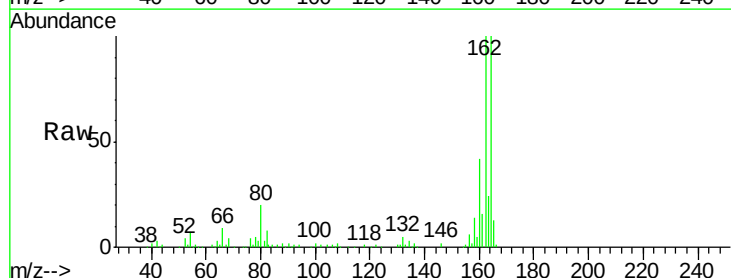
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031119-B

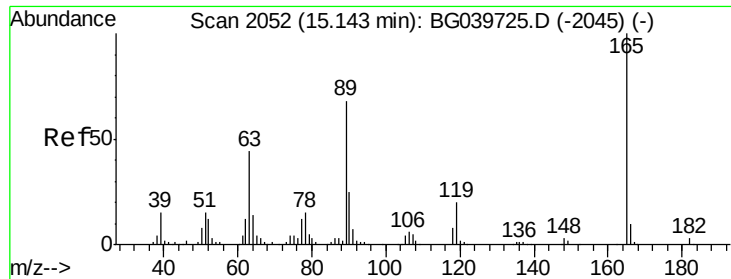
Tgt Ion:172 Resp: 762171
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.3 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.189 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.42 min
 Lab File: BG039893.D
 Acq: 13 Mar 2019 4:08

Tgt Ion:165 Resp: 13597
 Ion Ratio Lower Upper
 165 100
 63 1.9 47.0 70.6#
 89 2.9 45.8 68.8#





#57

2,4-Dinitrotoluene

Concen: 5.116 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.36 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

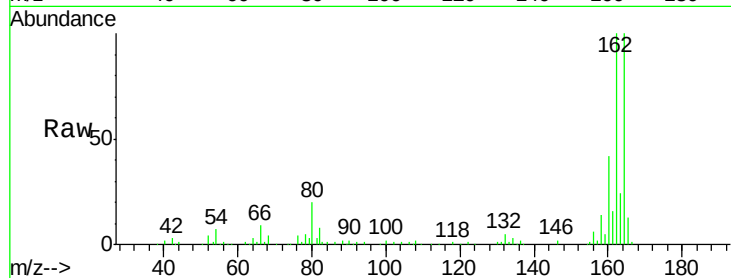
Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

Tgt Ion:	165	Resp:	13597
Ion Ratio	Lower	Upper	
165	100		
63	1.9	41.0	61.6#
89	2.9	64.6	96.8#
182	0.0	2.0	3.0#

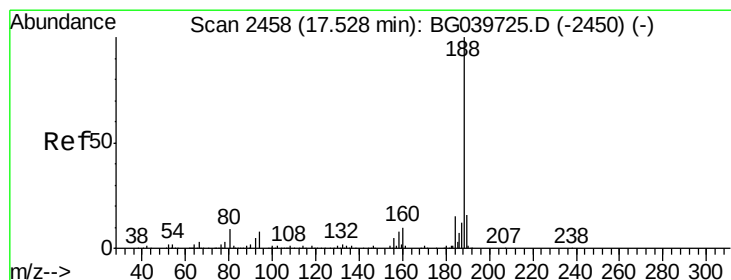
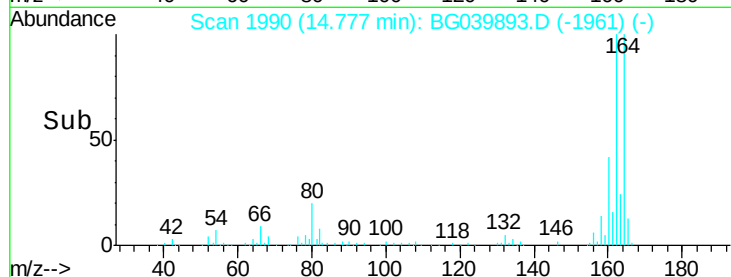
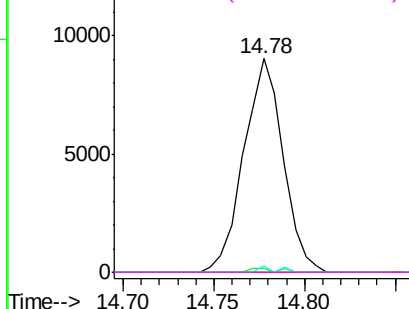


Abundance Ion 165.00 (164.70 to 165.70): E

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

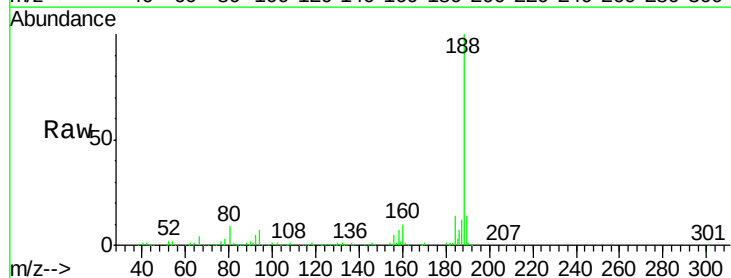
RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

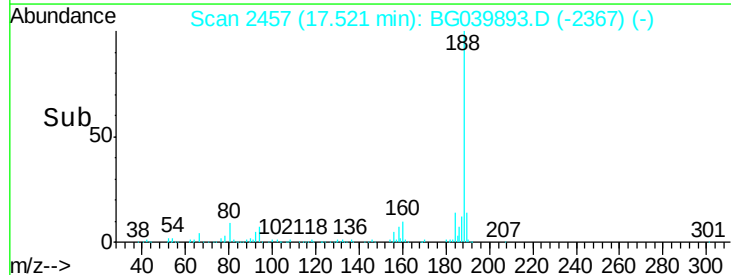
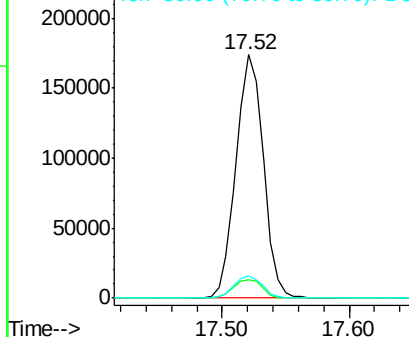
Tgt Ion:	188	Resp:	260147
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.9	10.3
80	9.0	8.1	12.1

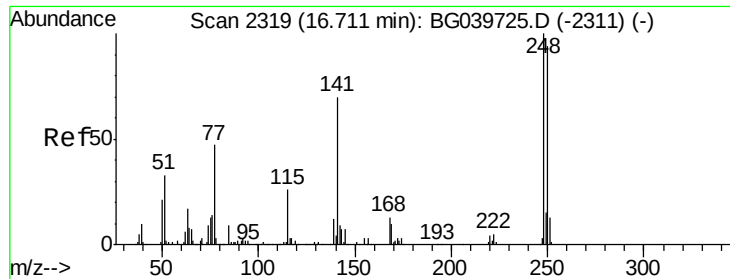


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

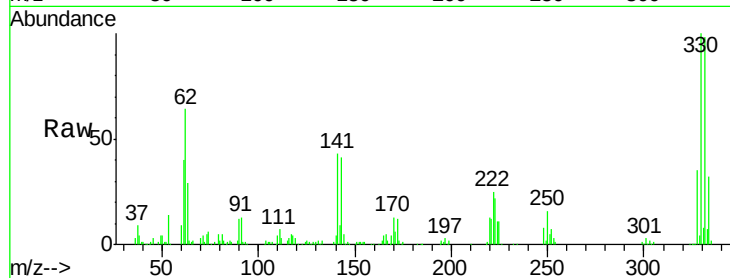




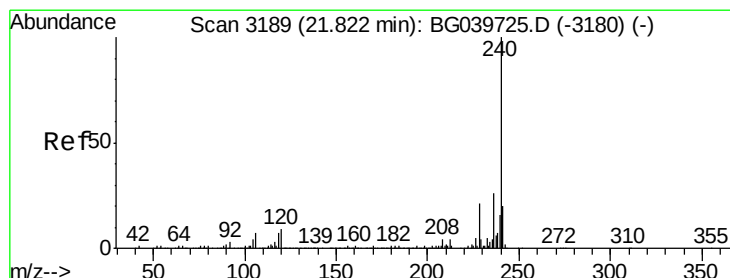
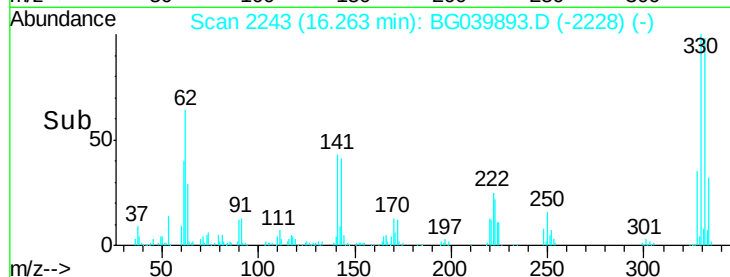
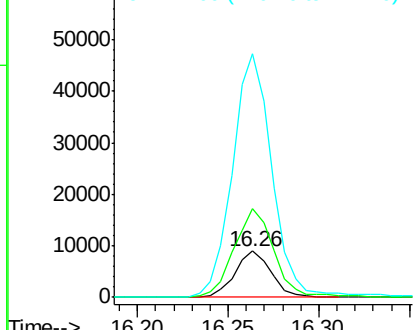
#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.44 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

Tgt Ion:248 Resp: 12473
Ion Ratio Lower Upper
248 100
250 194.3 77.6 116.4#
141 530.6 63.9 95.9#

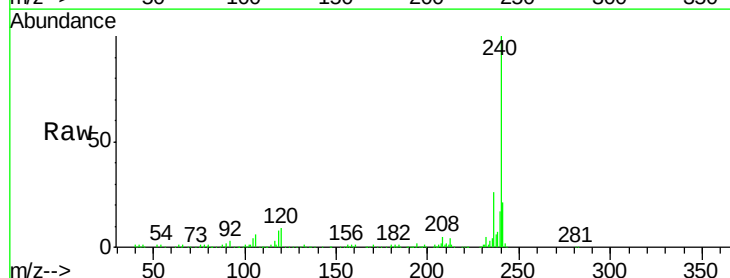


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

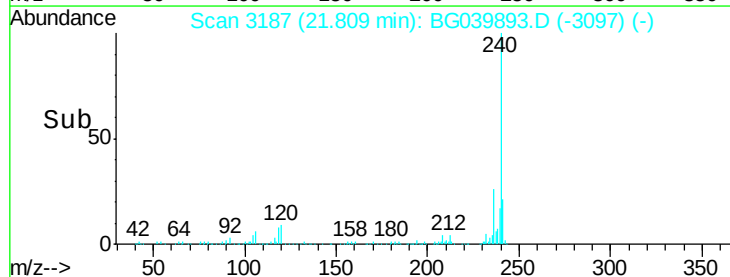
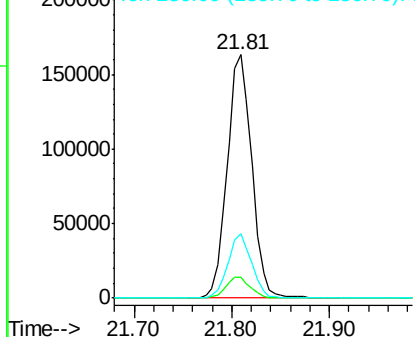


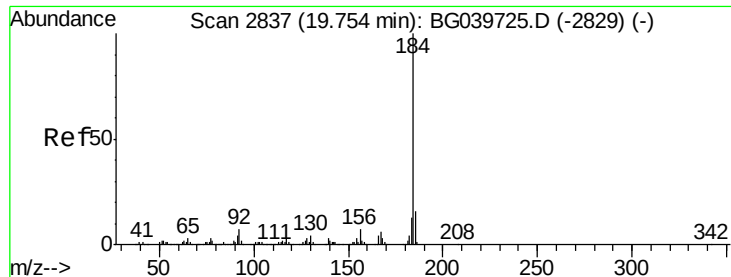
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Tgt Ion:240 Resp: 284088
Ion Ratio Lower Upper
240 100
120 8.6 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: 2.528 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

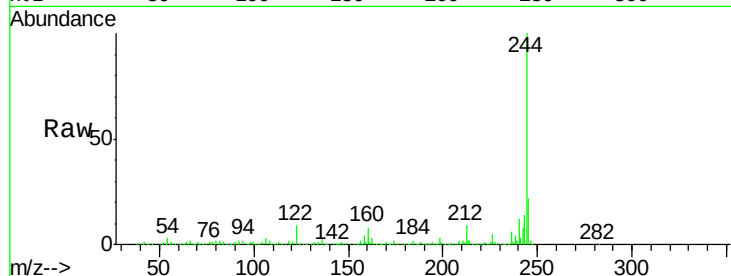
Tgt Ion:184 Resp: 22790

Ion Ratio Lower Upper

184 100

185 18.4 12.2 18.2#

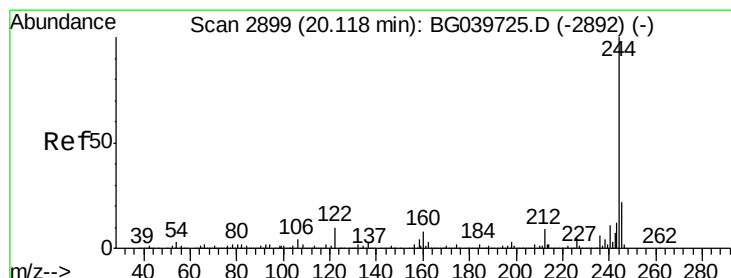
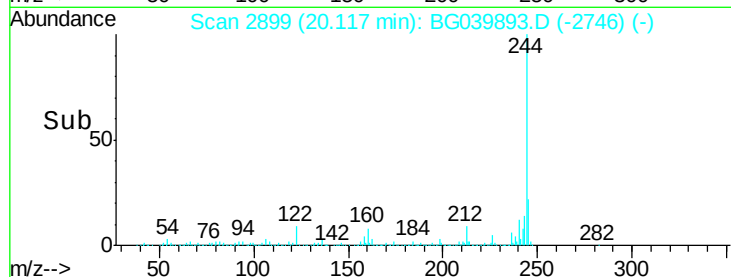
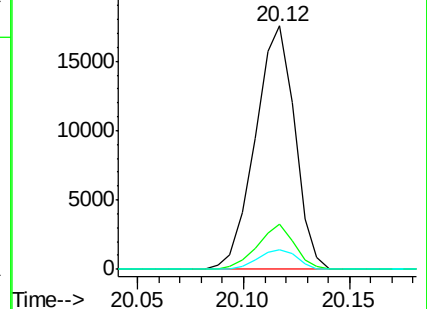
183 8.1 10.6 15.8#



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: 99.887 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

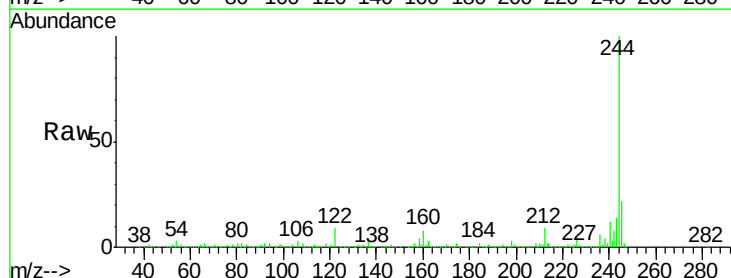
Tgt Ion:244 Resp: 1288791

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

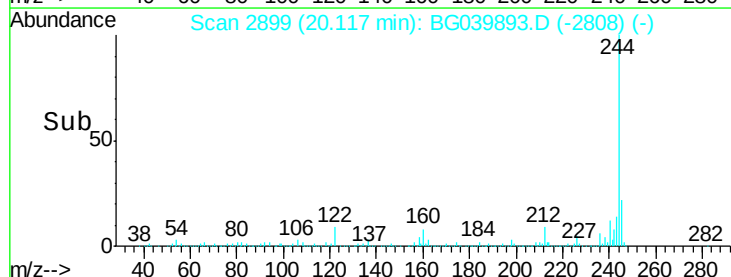
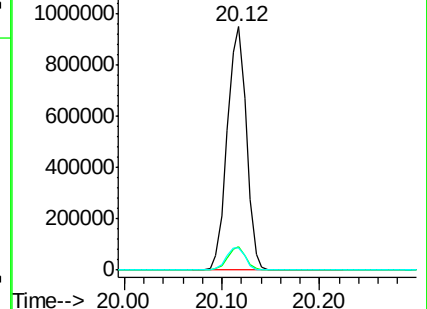
122 9.4 8.4 12.6

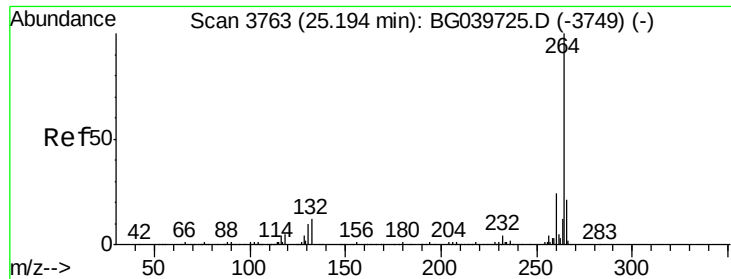


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

Tgt Ion: 264 Resp: 268767
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 22.2 18.5 27.7

