

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040859.D
 Acq On : 10 May 2019 23:51
 Operator : HP/JU
 Sample : K2792-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Quant Time: May 11 05:45:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

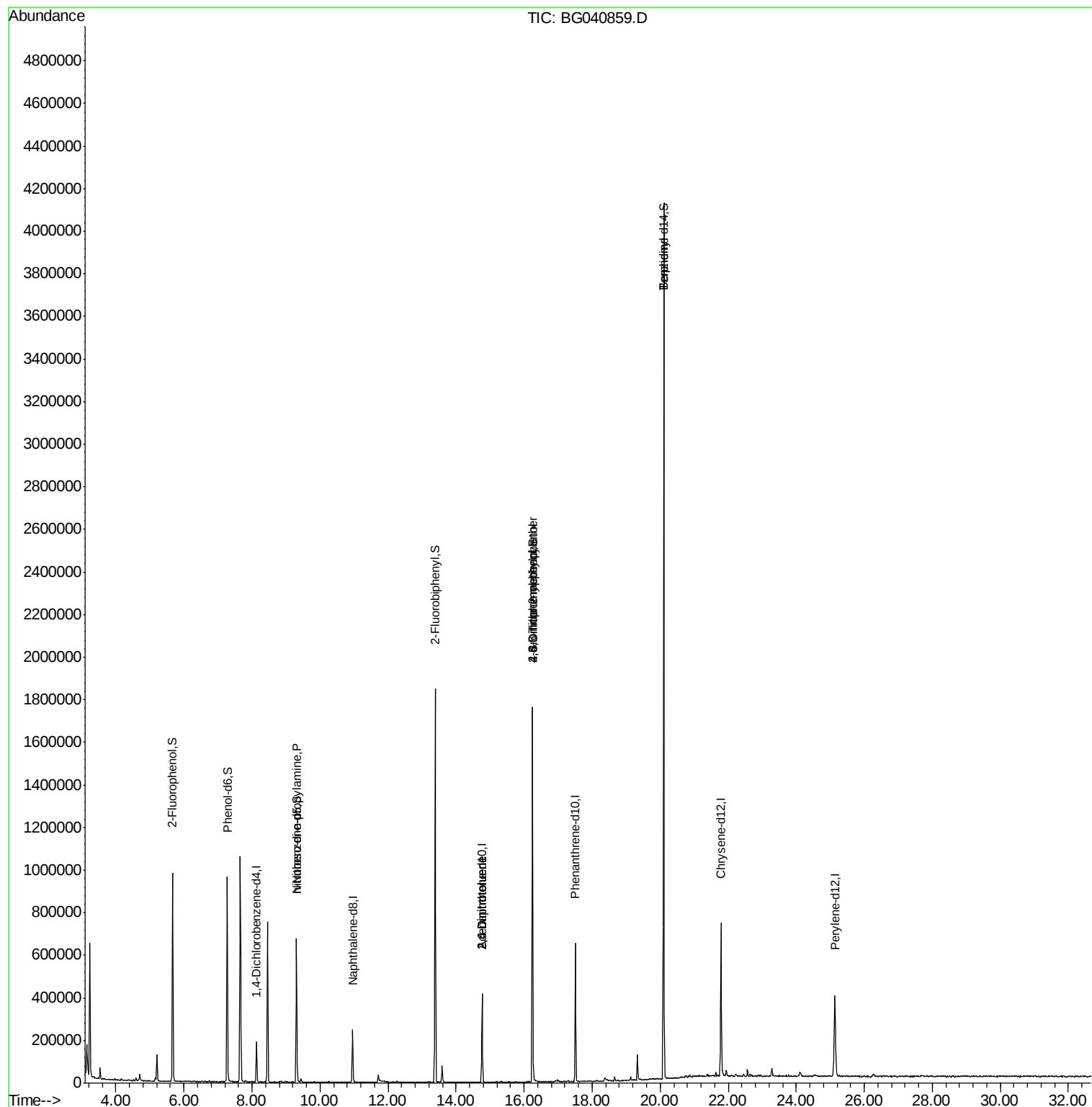
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50695	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	192577	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	140585	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	380821	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	430880	20.00	ng	-0.04
87) Perylene-d12	25.13	264	447032	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373893	130.01	ng	-0.02
7) Phenol-d6	7.27	99	506396	114.36	ng	-0.02
23) Nitrobenzene-d5	9.31	82	394787	94.72	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	335564	173.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	903986	92.86	ng	-0.03
79) Terphenyl-d14	20.10	244	1883006	96.82	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.28	77	1185	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	56897	14.274	ng	# 73
51) 2,6-Dinitrotoluene	14.76	165	17709	7.714	ng	# 14
57) 2,4-Dinitrotoluene	14.76	165	17709	5.677	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.25	198	1108	7.604	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	25165	5.304	ng	# 1
77) Benizidine	20.10	184	34335	2.910	ng	97

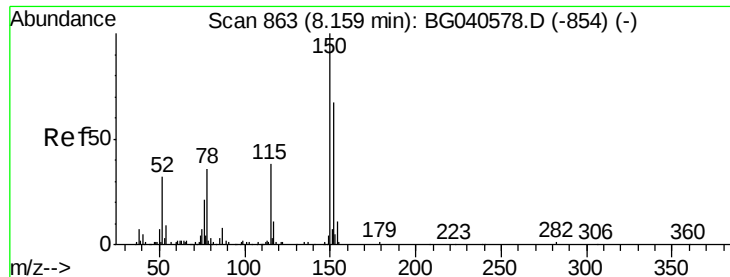
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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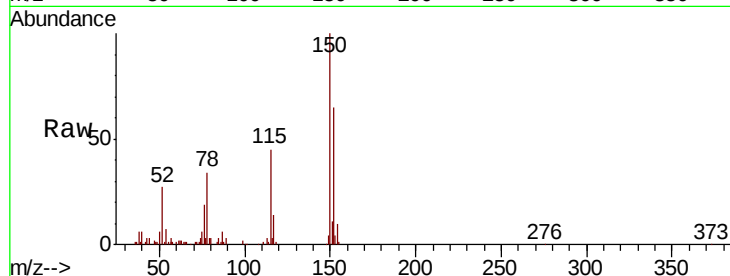


#1

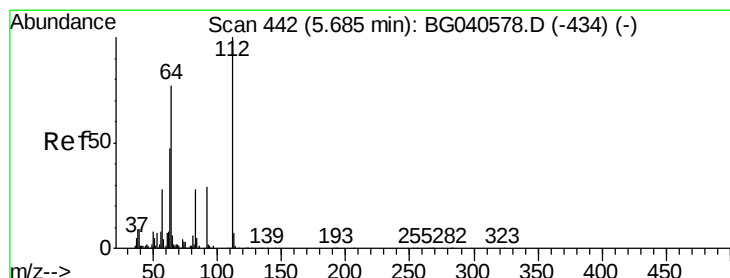
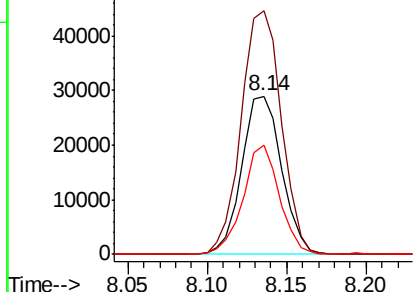
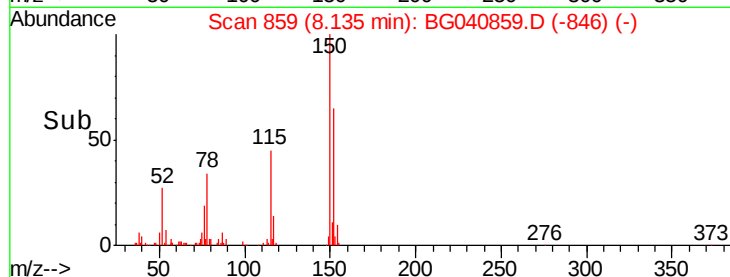
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tgt Ion:152 Resp: 50695
 Ion Ratio Lower Upper
 152 100
 150 153.7 120.2 180.2
 115 68.7 46.2 69.2



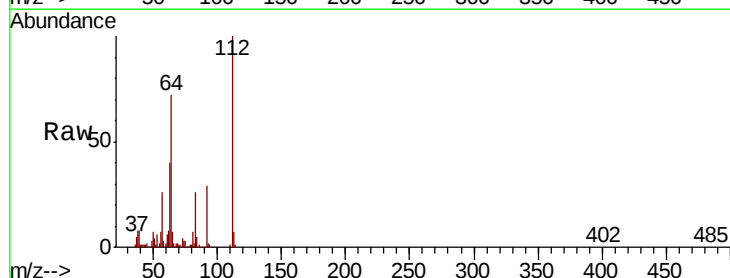
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



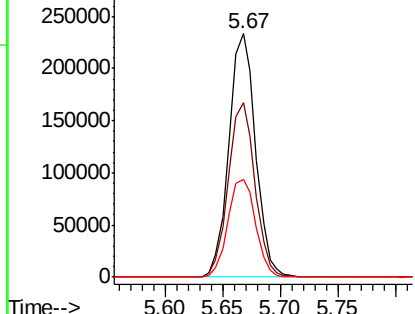
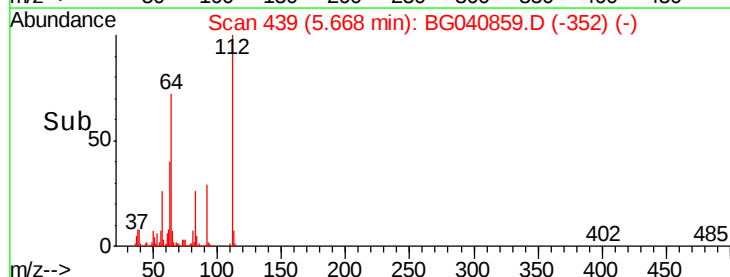
#5

2-Fluorophenol
 Concen: 130.010 ng
 RT: 5.67 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion:112 Resp: 373893
 Ion Ratio Lower Upper
 112 100
 64 71.8 61.4 92.0
 63 40.1 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.361 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

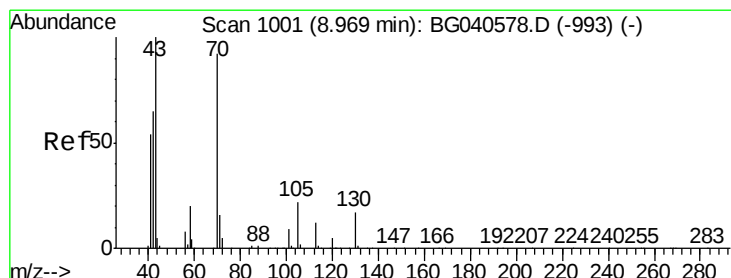
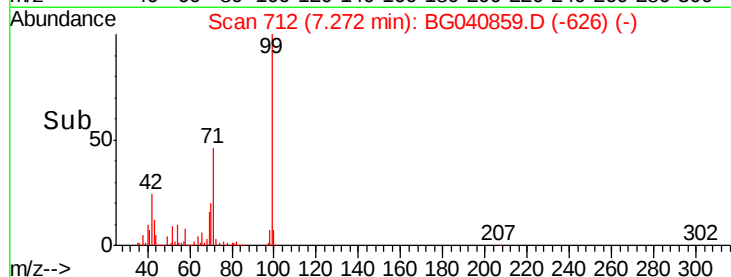
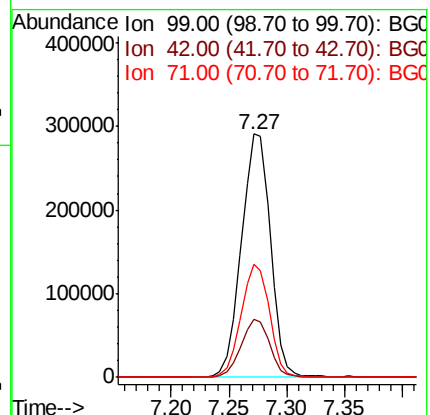
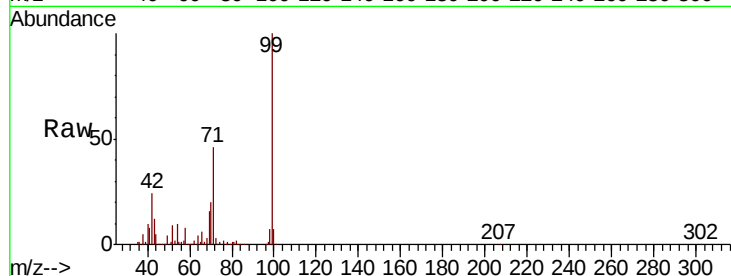
Tgt Ion: 99 Resp: 506396

Ion Ratio Lower Upper

99 100

42 23.9 21.8 32.8

71 46.2 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.274 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Tgt Ion: 70 Resp: 56897

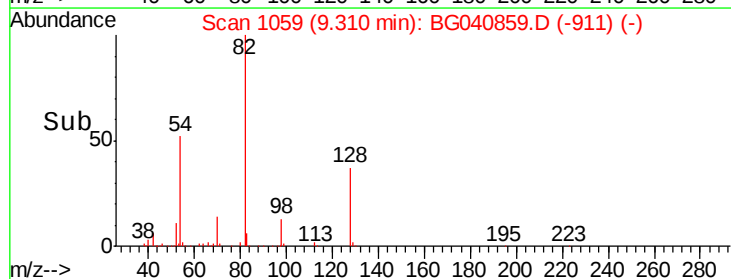
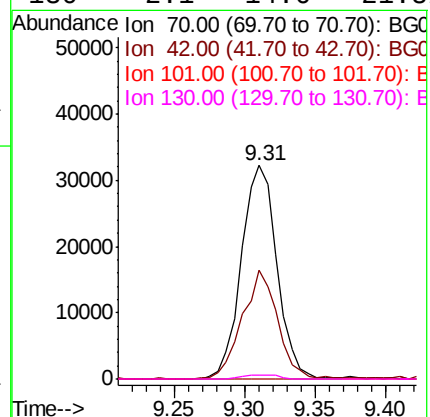
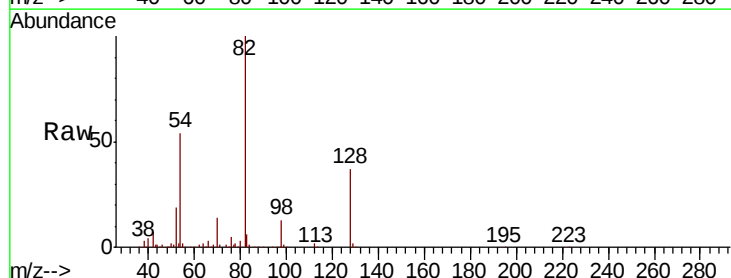
Ion Ratio Lower Upper

70 100

42 51.0 57.1 85.7#

101 0.0 7.8 11.8#

130 2.1 14.6 21.8#

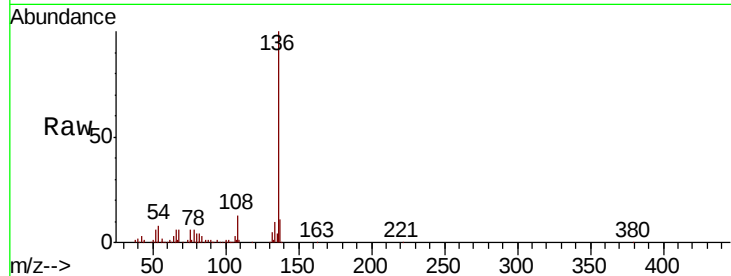




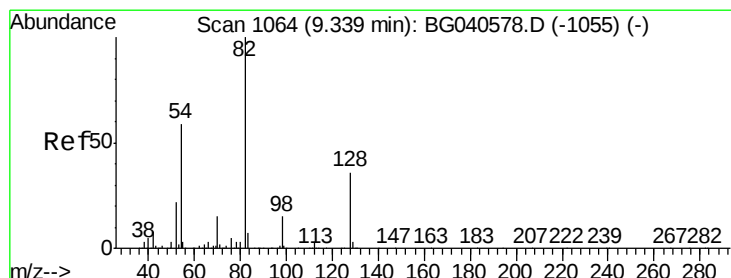
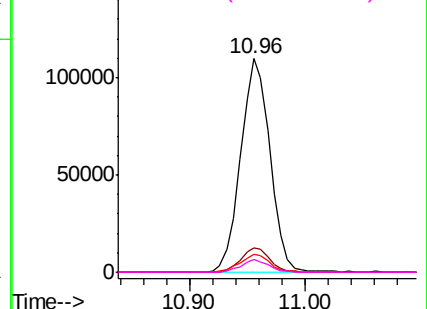
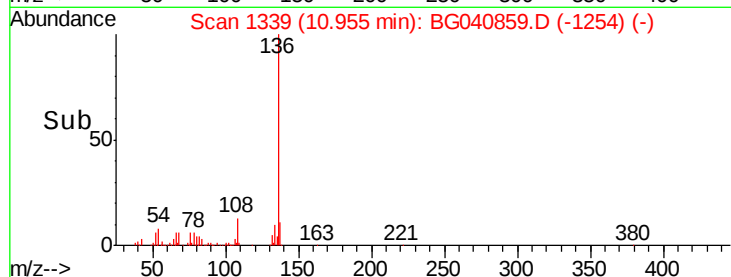
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tgt Ion:	136	Resp:	192577
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	8.3	8.6	12.8#
68	5.8	4.8	7.2

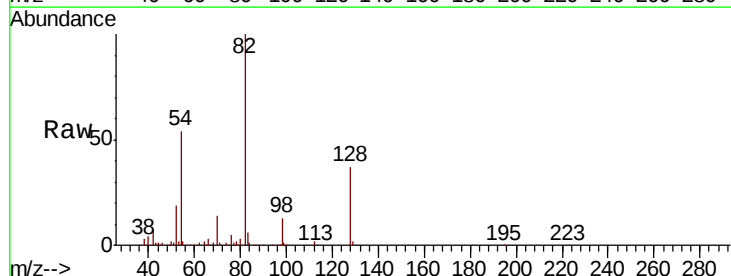


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

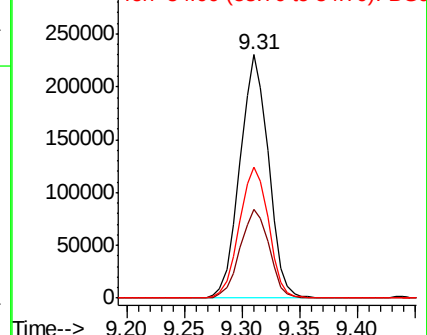
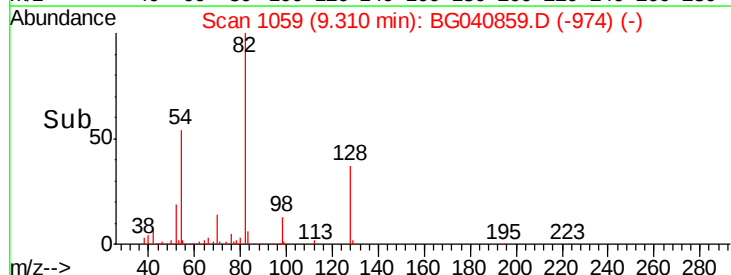


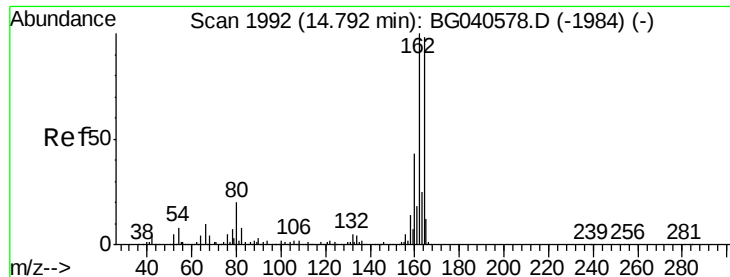
#23
Nitrobenzene-d5
Concen: 94.724 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Tgt Ion:	82	Resp:	394787
Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	53.9	47.2	70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

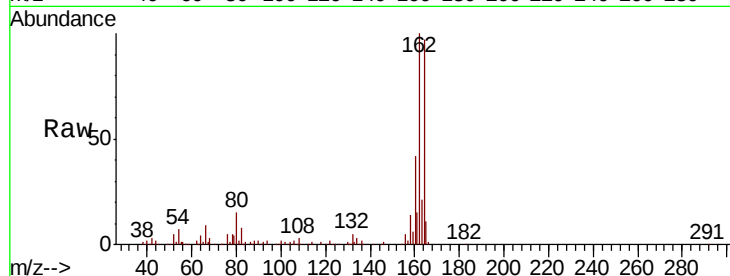
Tgt Ion:164 Resp: 140585

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

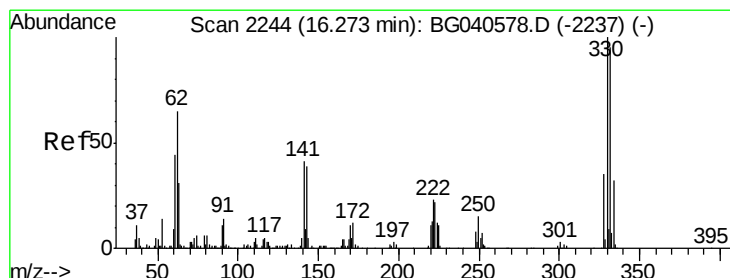
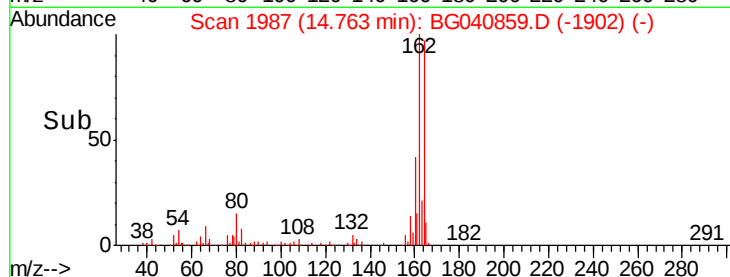
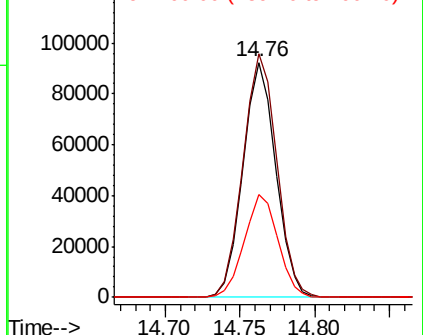
160 43.6 35.4 53.2



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: 173.654 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

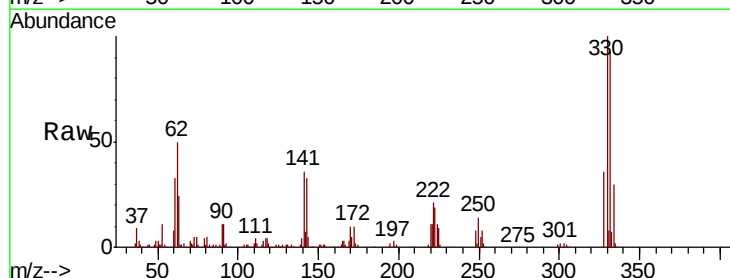
Tgt Ion:330 Resp: 335564

Ion Ratio Lower Upper

330 100

332 94.7 75.9 113.9

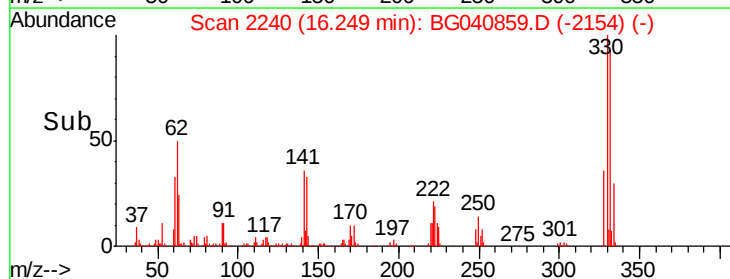
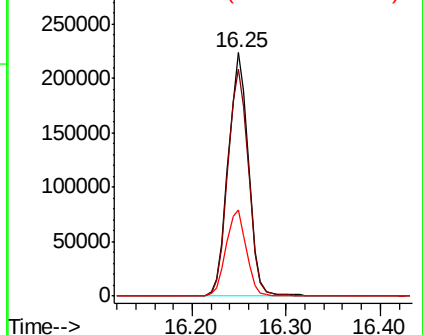
141 35.6 32.4 48.6



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

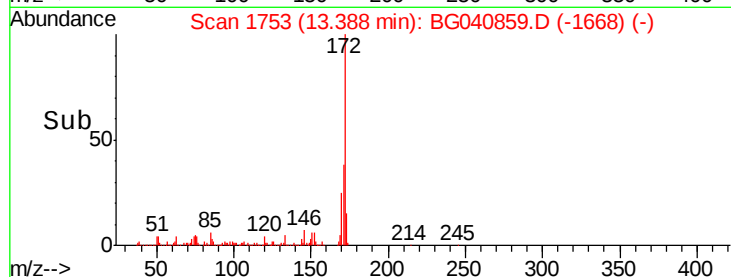
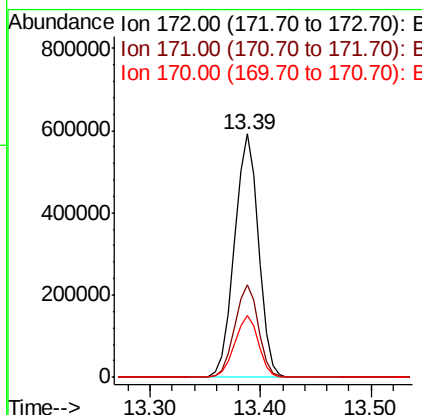
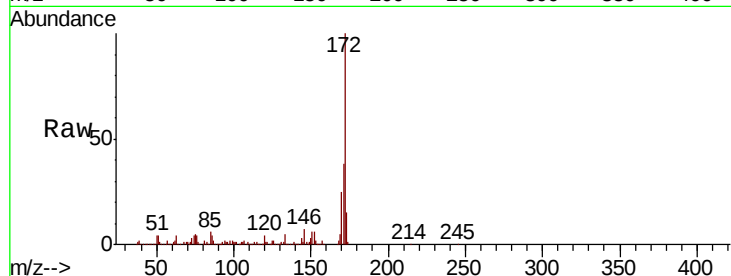




#45
 2-Fluorobiphenyl
 Concen: 92.865 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

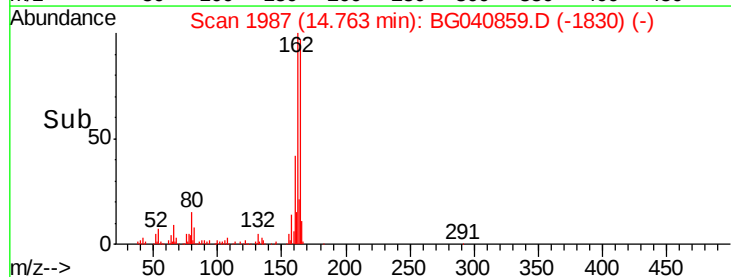
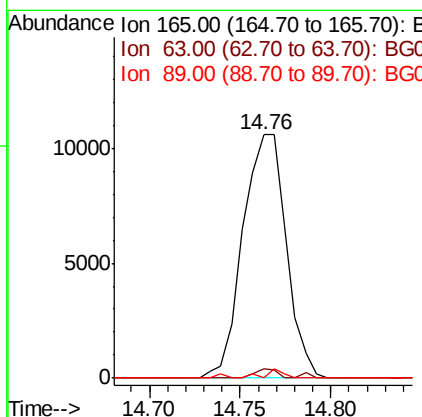
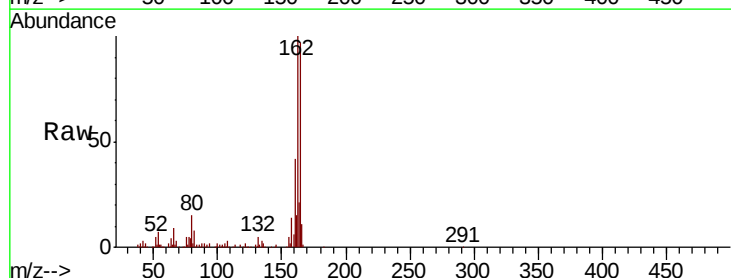
Instrument :
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Tgt Ion:	172	Resp:	903986
Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.2	19.9	29.9



#51
 2,6-Dinitrotoluene
 Concen: 7.714 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.39 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion:	165	Resp:	17709
Ion	Ratio	Lower	Upper
165	100		
63	4.0	61.0	91.4#
89	0.0	58.6	87.8#

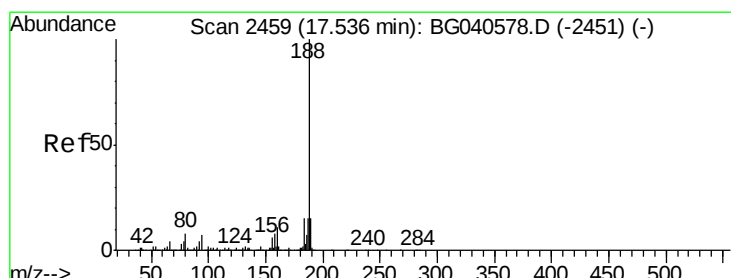
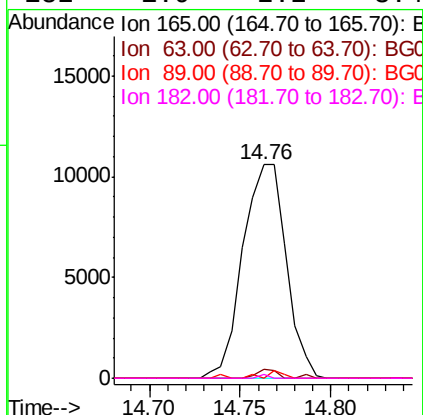
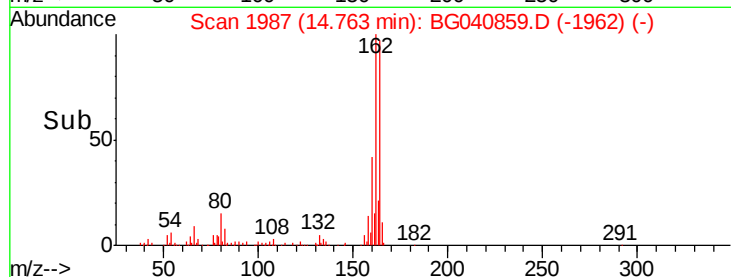
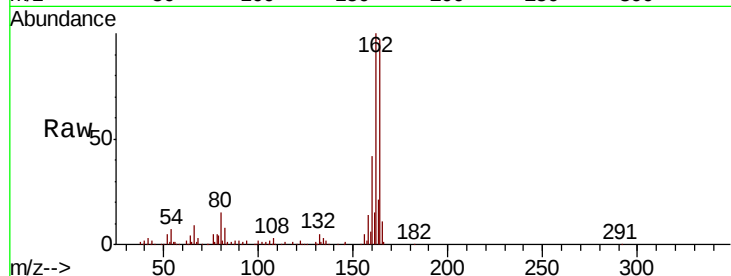




#57
 2,4-Dinitrotoluene
 Concen: 5.677 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.38 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

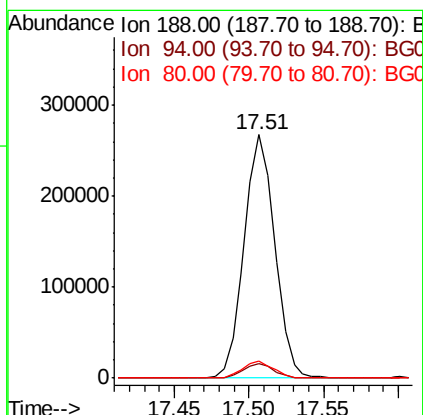
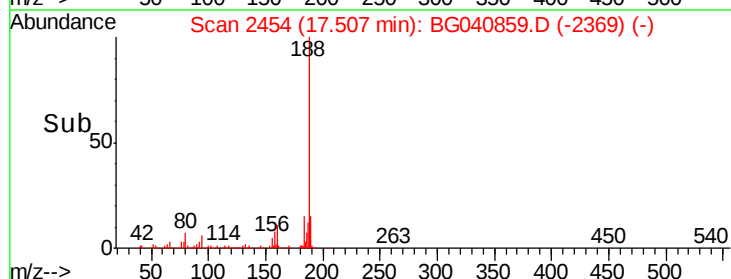
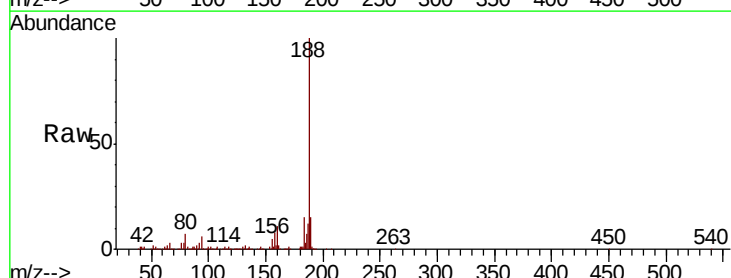
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

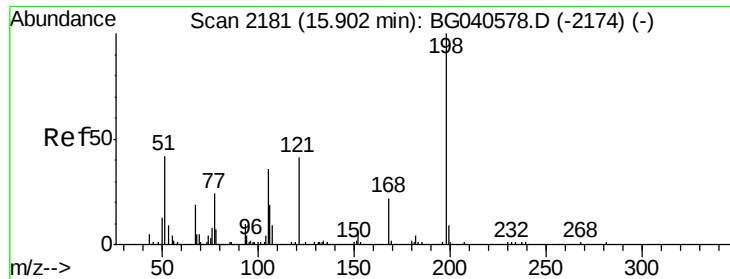
Tgt Ion:165 Resp: 17709
 Ion Ratio Lower Upper
 165 100
 63 4.0 45.8 68.8#
 89 0.0 69.4 104.2#
 182 1.9 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion:188 Resp: 380821
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.6 8.4
 80 6.8 6.4 9.6

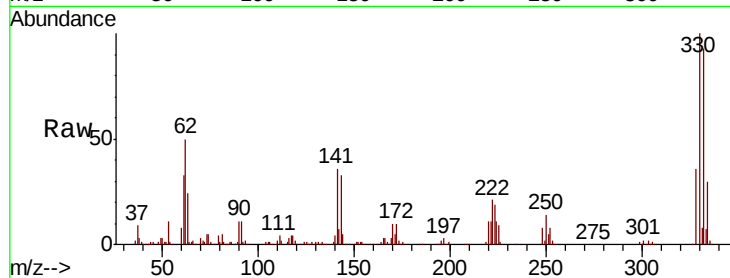




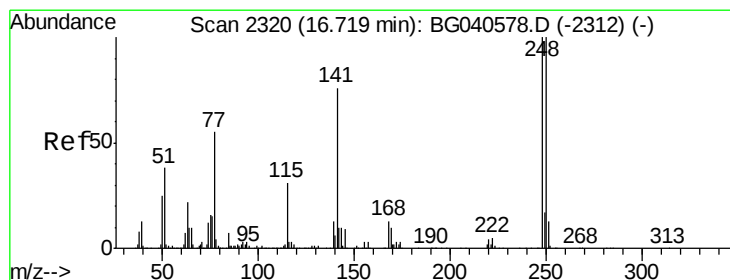
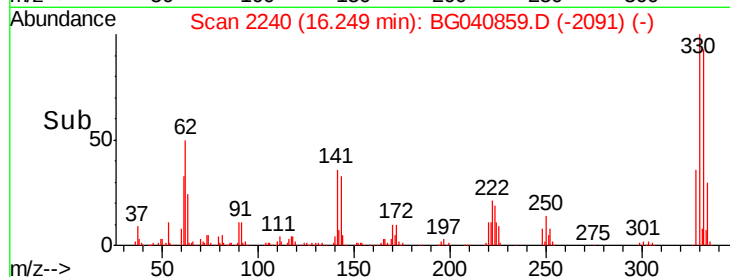
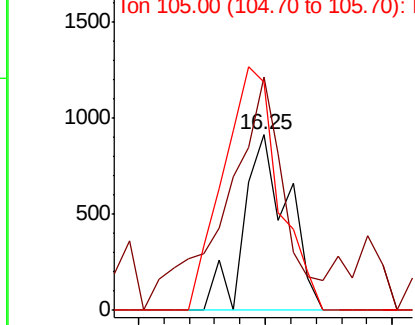
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.604 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tgt Ion:198 Resp: 1108
 Ion Ratio Lower Upper
 198 100
 51 133.2 35.9 75.9#
 105 129.8 21.2 61.2#

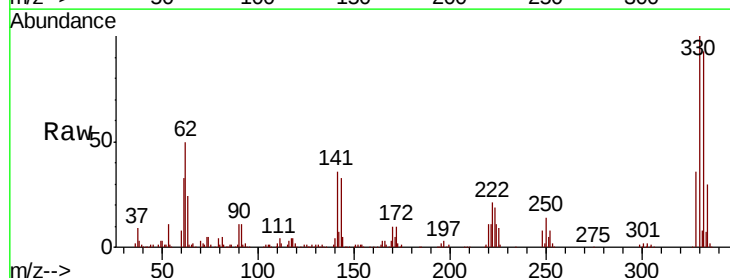


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

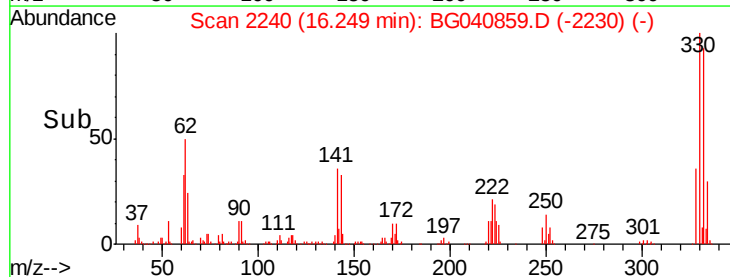
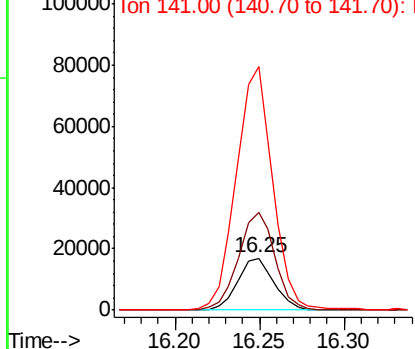


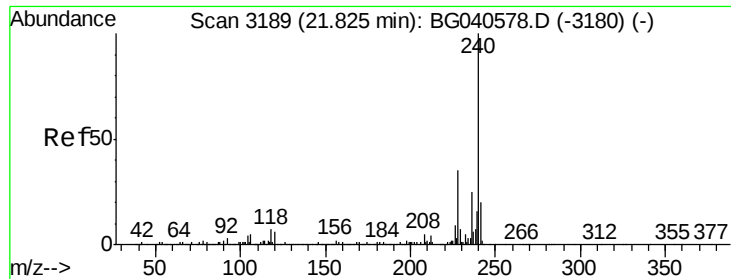
#67
 4-Bromophenyl-phenylether
 Concen: 5.304 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion:248 Resp: 25165
 Ion Ratio Lower Upper
 248 100
 250 188.9 79.8 119.6#
 141 469.8 60.8 91.2#



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

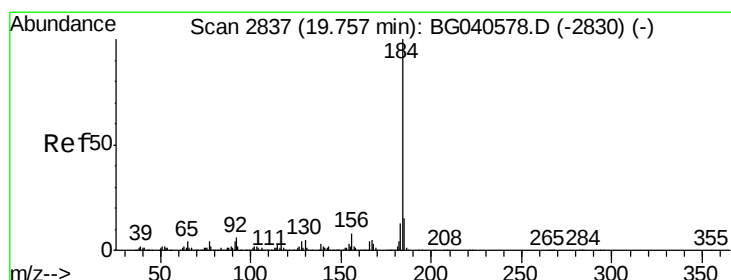
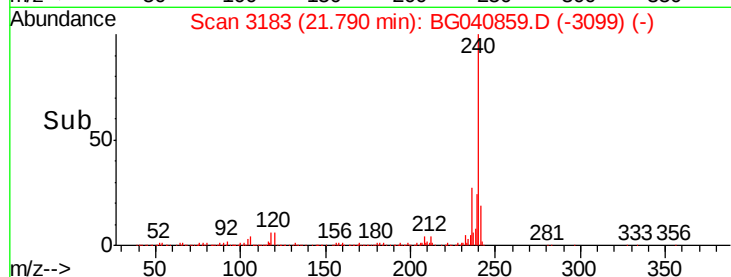
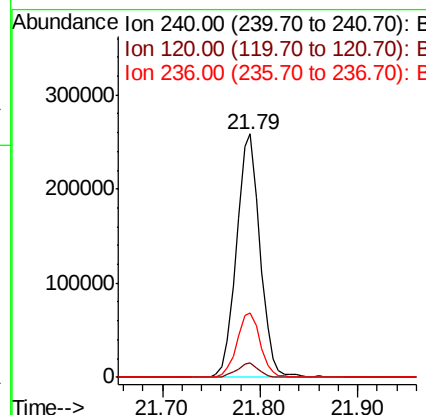
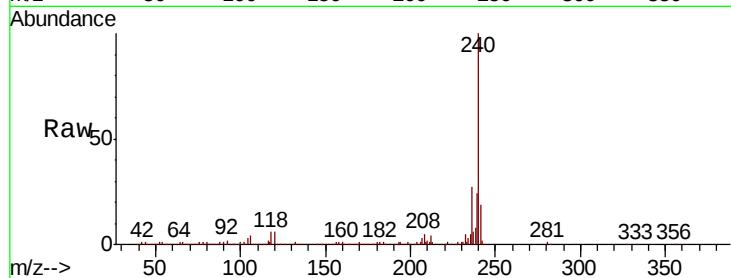




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

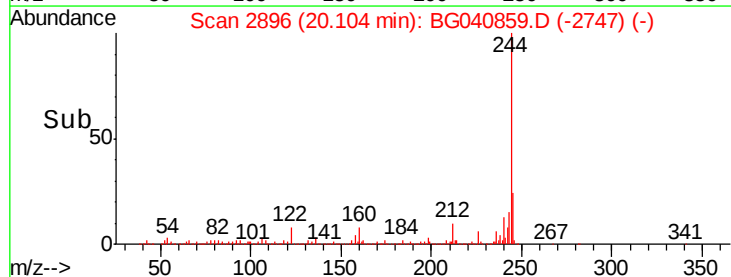
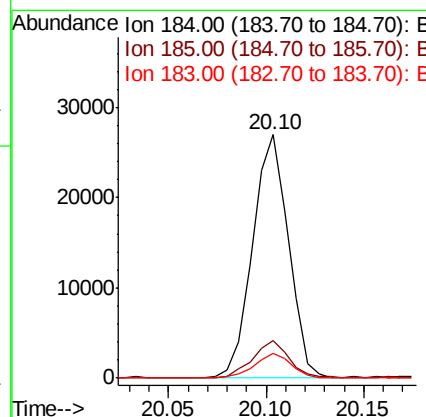
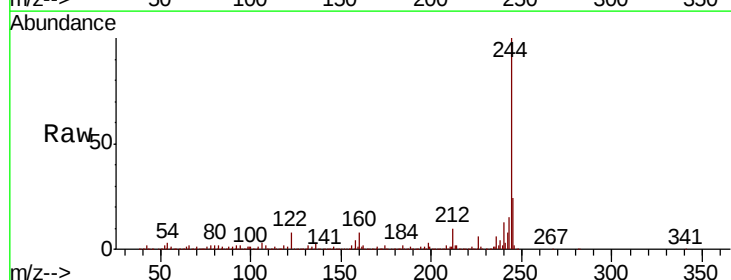
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

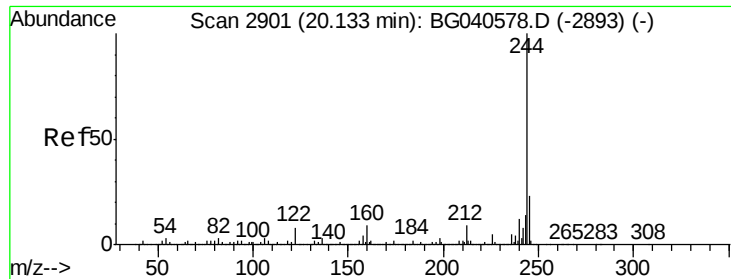
Tgt Ion:240 Resp: 430880
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.6
236 26.6 20.3 30.5



#77
Benzidine
Concen: 2.910 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Tgt Ion:184 Resp: 34335
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 10.2 10.2 15.2

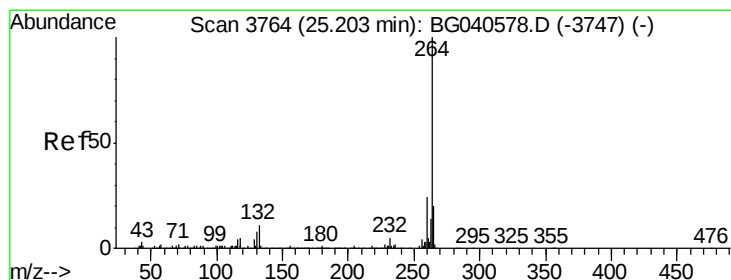
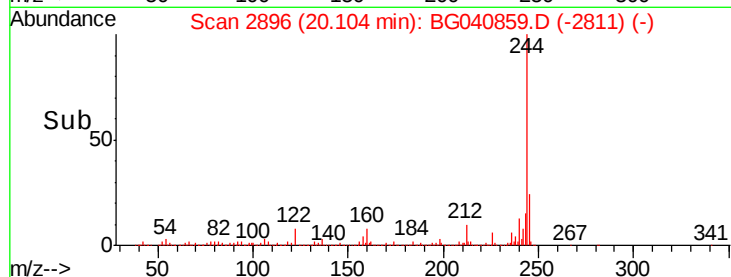
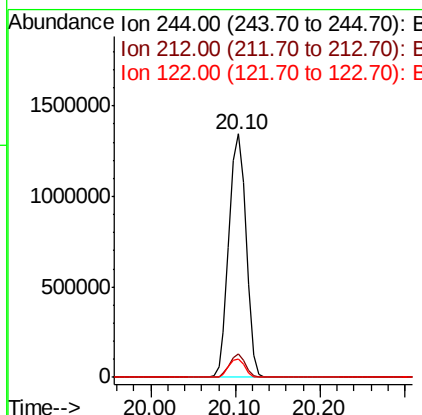
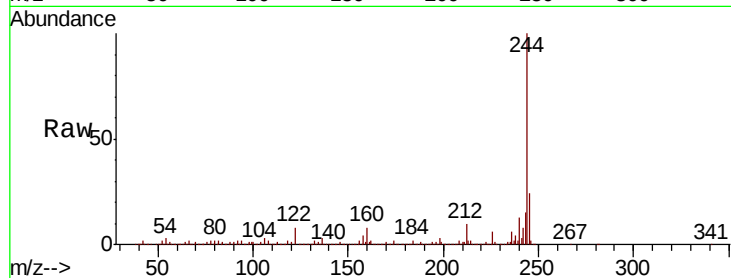




#79
 Terphenyl-d14
 Concen: 96.817 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. -0.03 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tgt Ion:244 Resp: 1883006
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.2 10.8
 122 7.6 6.6 10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3752
 Delta R.T. -0.07 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion:264 Resp: 447032
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 19.6 16.6 25.0

