

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039061.D
 Acq On : 10 Jan 2019 20:38
 Operator : JU/SJ
 Sample : K1099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:11:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

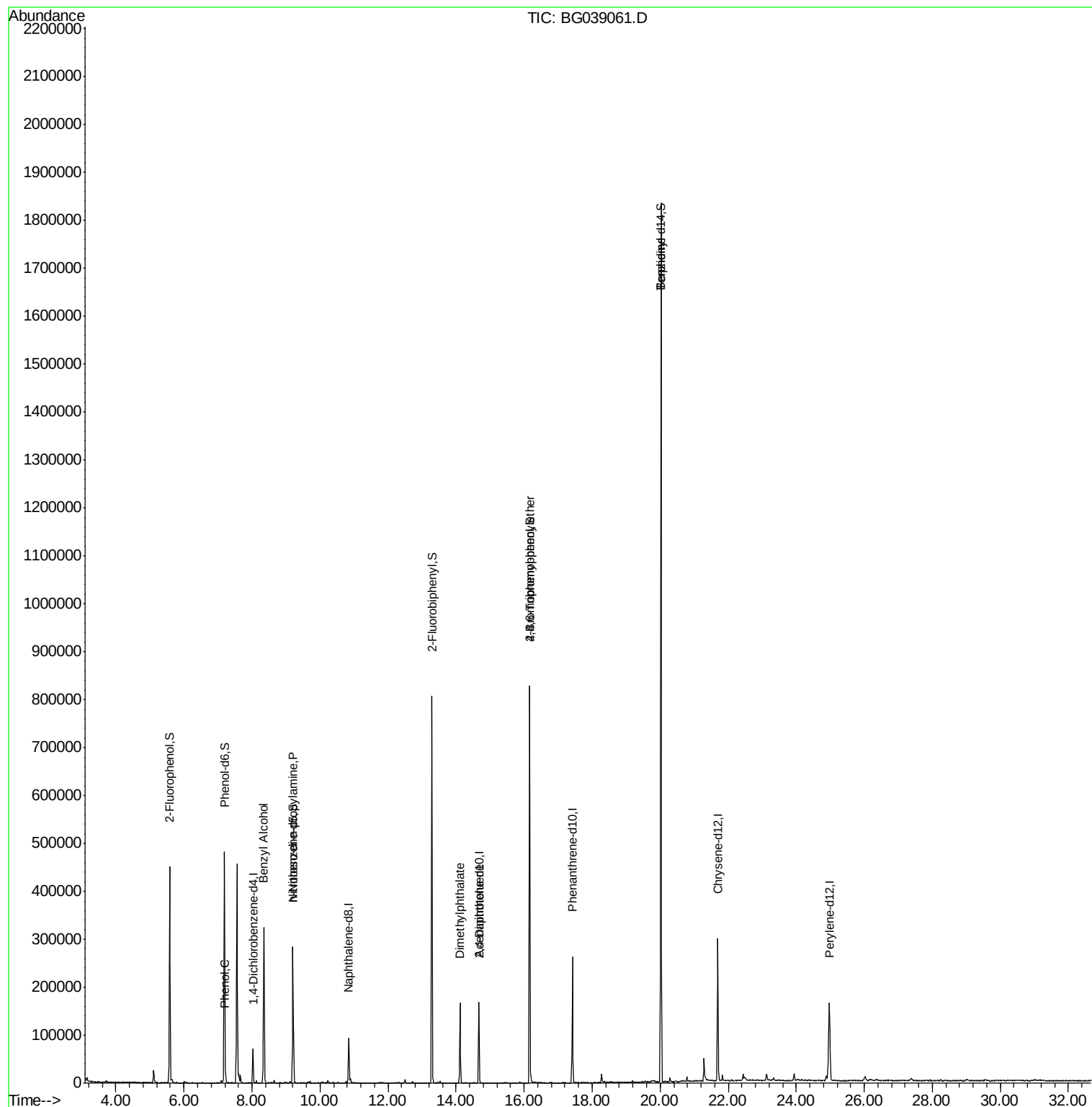
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21263	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86104	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	63848	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172549	20.00	ng	0.00
76) Chrysene-d12	21.70	240	193989	20.00	ng	0.00
87) Perylene-d12	24.97	264	212098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	198141	176.77	ng	0.00
7) Phenol-d6	7.19	99	281328	174.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	166628	105.89	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	178720	166.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	435051	93.25	ng	0.00
79) Terphenyl-d14	20.02	244	945819	90.19	ng	0.00
Target Compounds						
10) Phenol	7.22	94	4158	2.571	ng	92
15) Benzyl Alcohol	8.35	79	2441	2.009	ng	# 46
19) n-Nitroso-di-n-propylamine	9.20	70	22774	21.499	ng	# 62
50) Dimethylphthalate	14.12	163	121691	22.554	ng	98
57) 2,4-Dinitrotoluene	14.67	165	8100	4.680	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	11529	5.198	ng	# 1
77) Benzidine	20.02	184	15709	2.648	ng	96

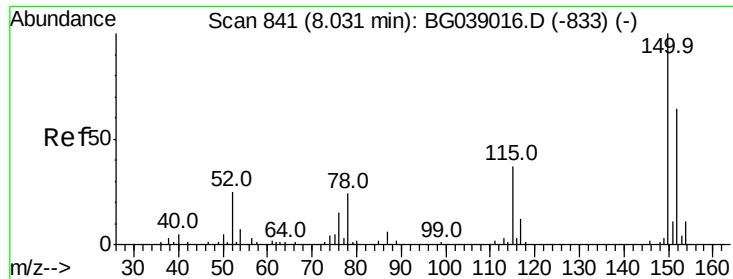
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039061.D
Acq On : 10 Jan 2019 20:38
Operator : JU/SJ
Sample : K1099-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 11 05:11:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



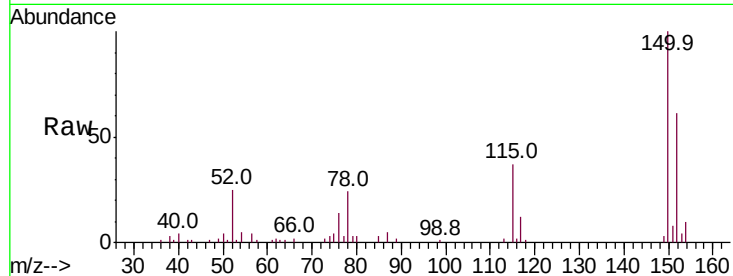


#1

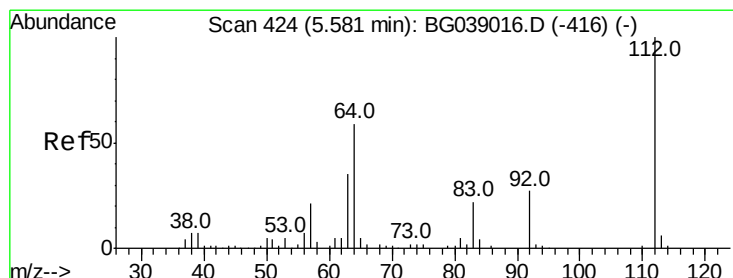
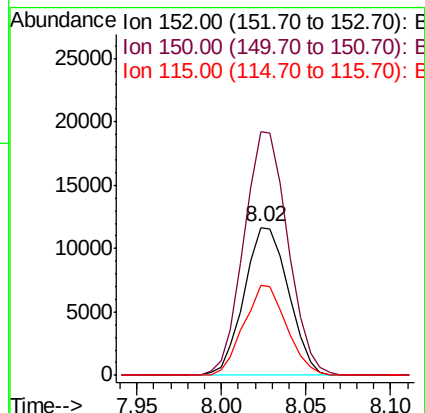
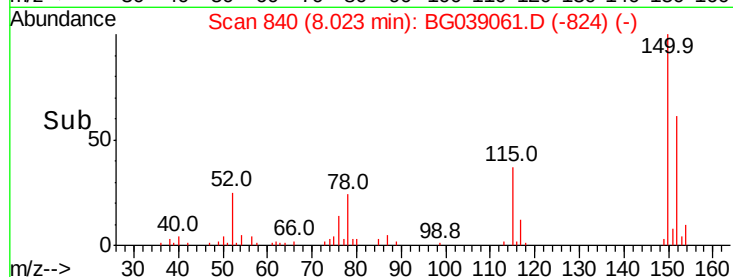
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21263
Ion Ratio Lower Upper
152 100
150 164.7 124.7 187.1
115 61.2 46.5 69.7



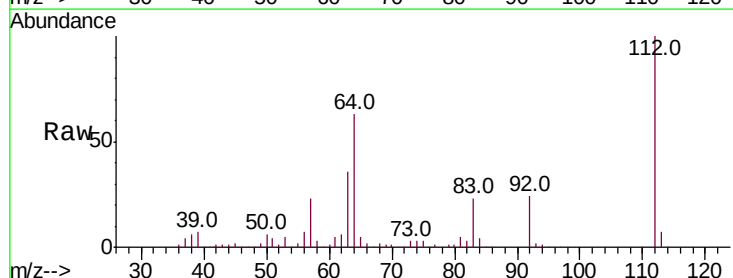
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



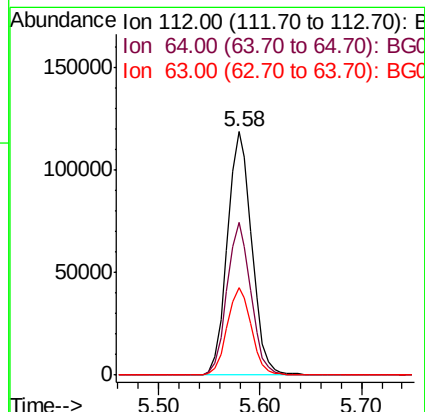
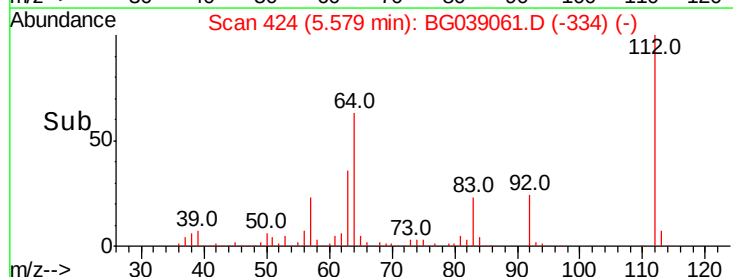
#5

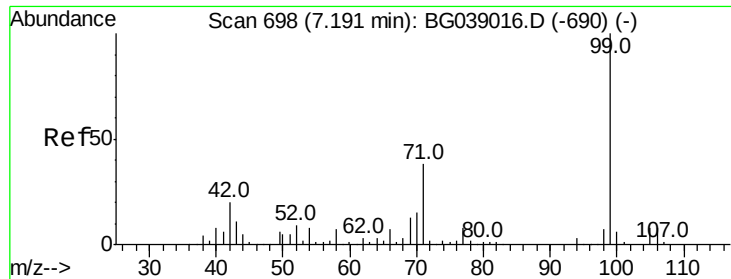
2-Fluorophenol
Concen: 176.772 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion:112 Resp: 198141
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 36.0 28.0 42.0



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: 174.402 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

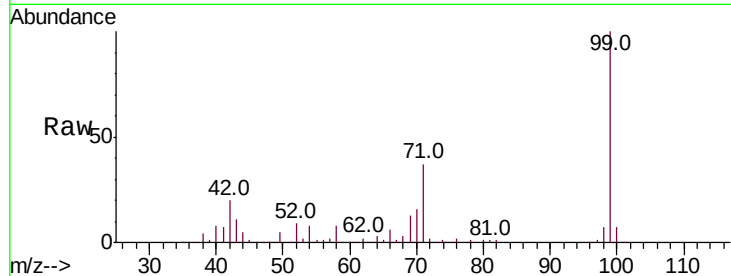
Tot Ion: 99 Resp: 281328

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

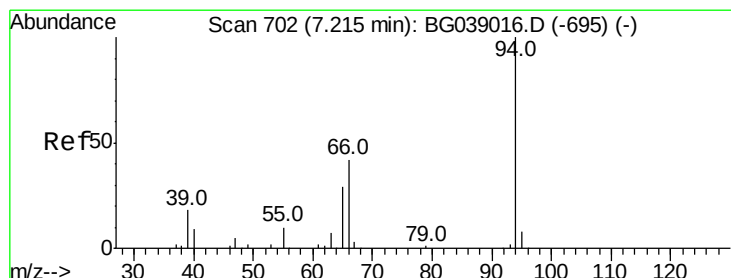
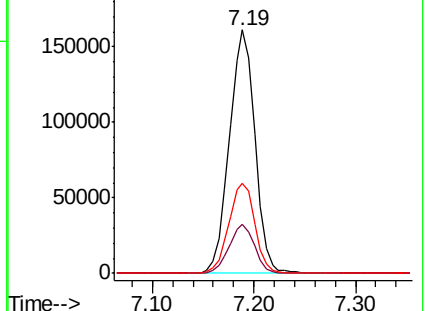
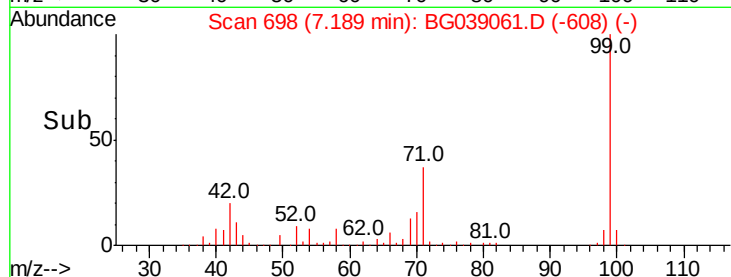
71 36.9 30.2 45.4



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: 2.571 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

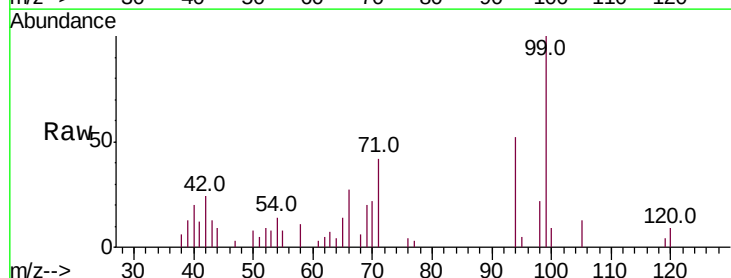
Tgt Ion: 94 Resp: 4158

Ion Ratio Lower Upper

94 100

65 27.2 10.3 50.3

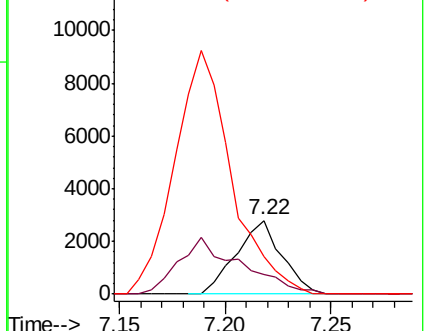
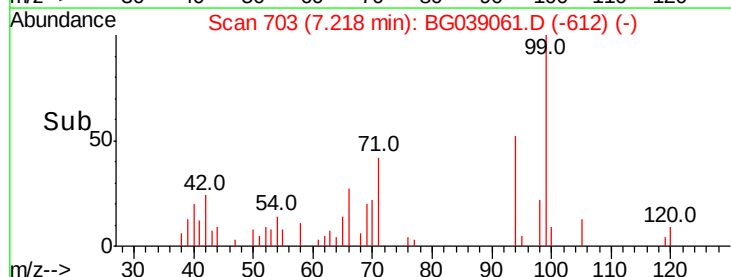
66 51.0 25.1 65.1

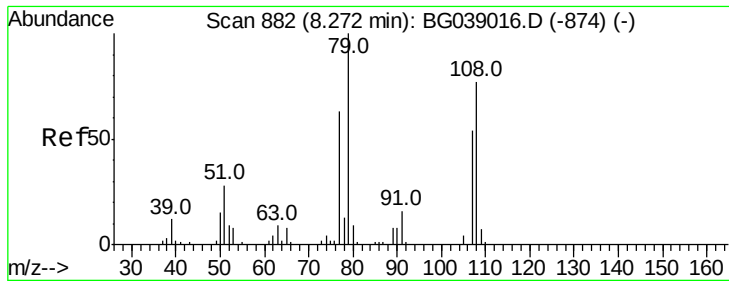


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

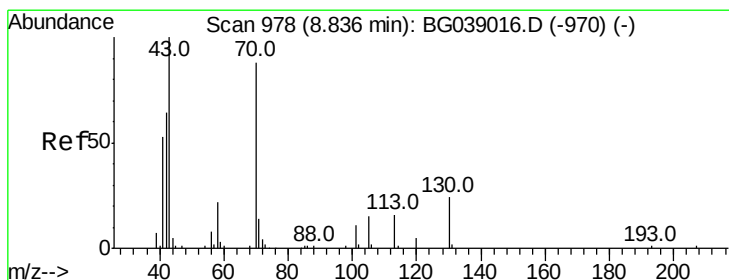
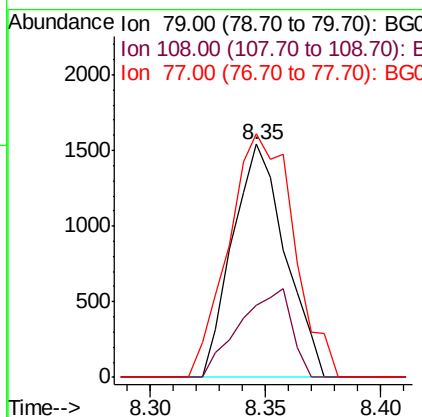
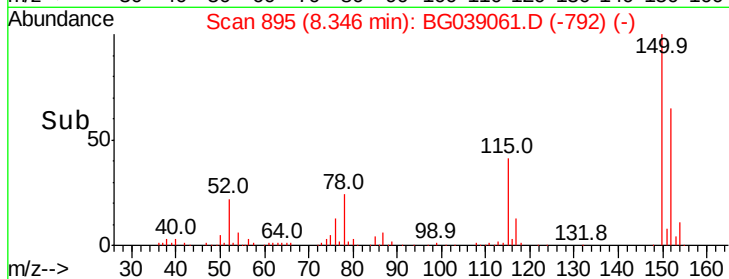
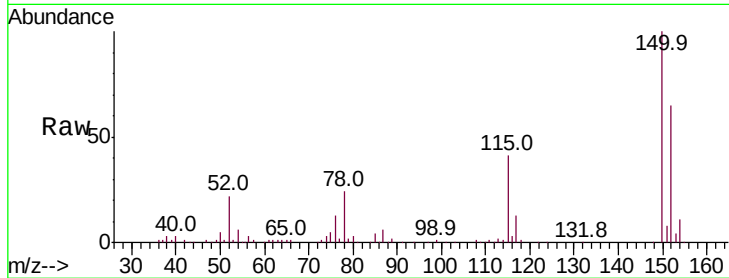




#15
Benzyl Alcohol
Concen: 2.009 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

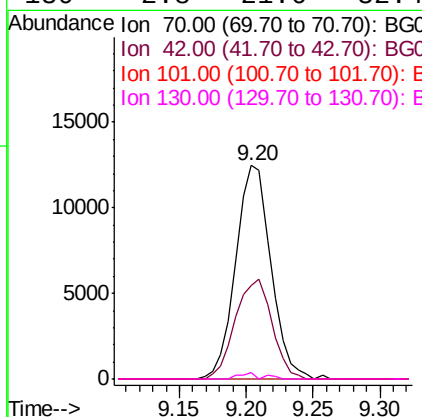
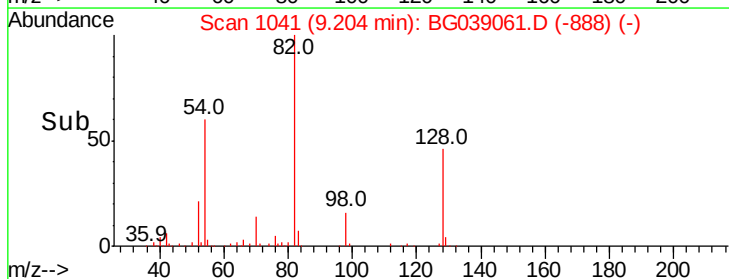
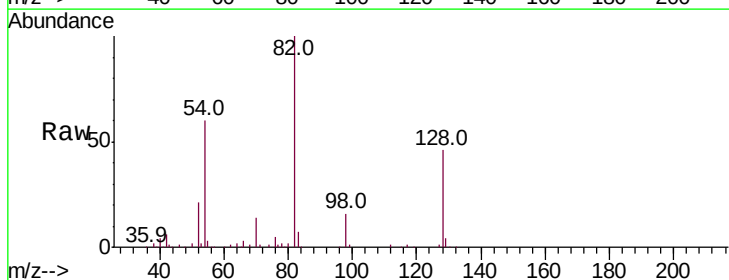
Instrument :
BNA_G
ClientSampled :

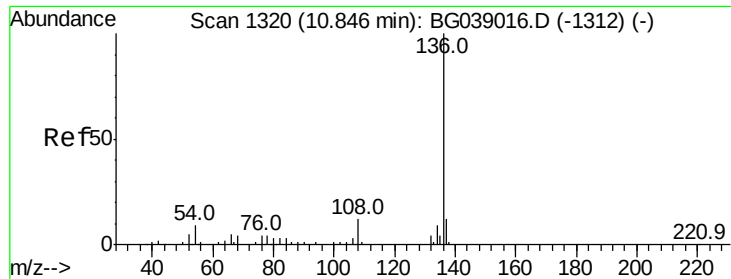
Tot Ion: 79 Resp: 2441
Ion Ratio Lower Upper
79 100
108 31.0 62.0 93.0#
77 104.5 50.1 75.1#



#19
n-Nitroso-di-n-propylamine
Concen: 21.499 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion: 70 Resp: 22774
Ion Ratio Lower Upper
70 100
42 43.7 59.0 88.4#
101 0.0 10.4 15.6#
130 2.8 21.6 32.4#

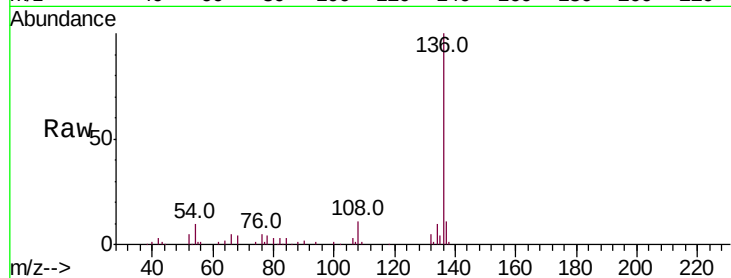




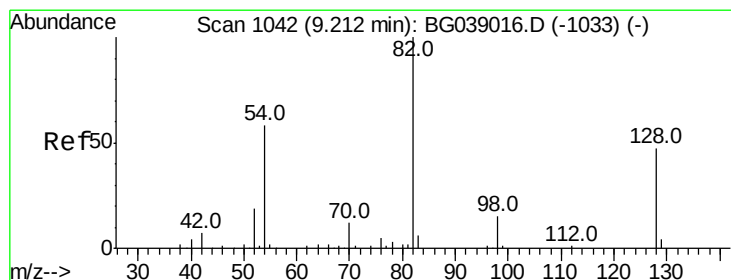
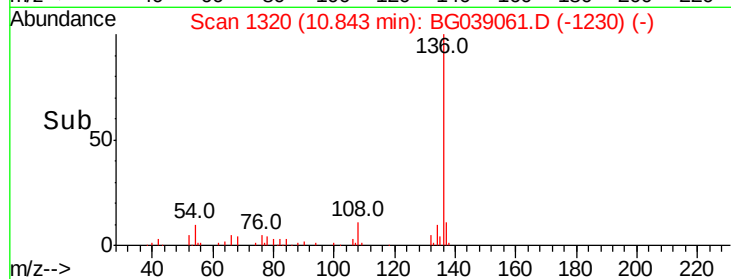
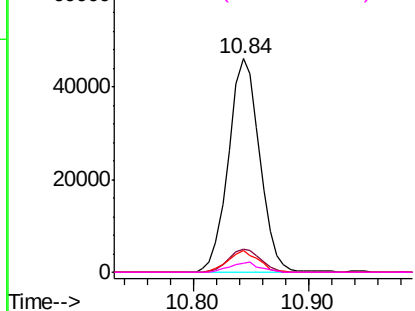
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	86104	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.4	14.2	
54 9.9	7.2	10.8	
68 4.1	3.5	5.3	

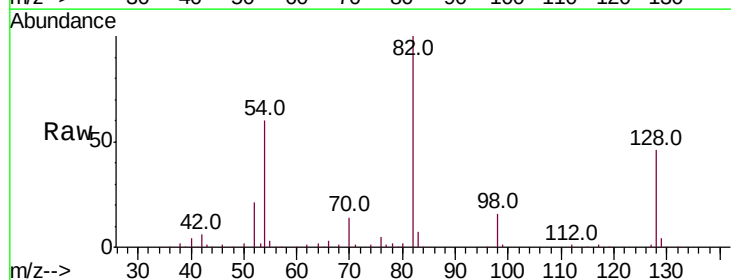


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

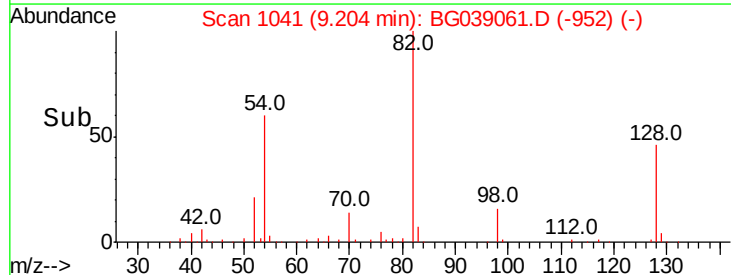
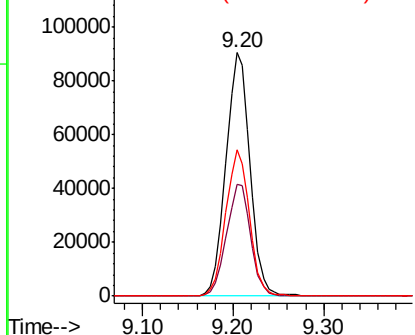


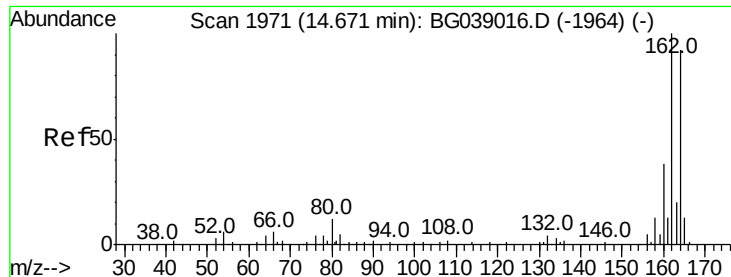
#23
Nitrobenzene-d5
Concen: 105.893 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039061.D
Acq: 10 Jan 2019 20:38

Tgt Ion: 82	Resp: 166628
Ion Ratio	Lower Upper
82 100	
128 45.7	37.3 55.9
54 60.3	46.4 69.6



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

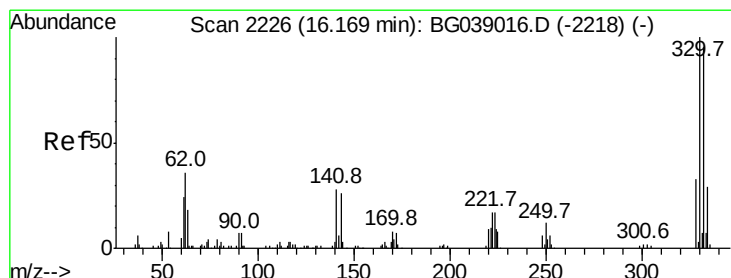
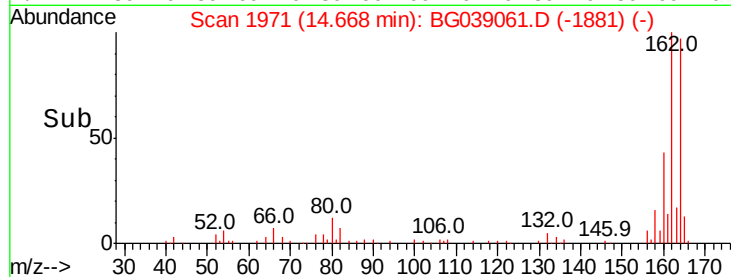
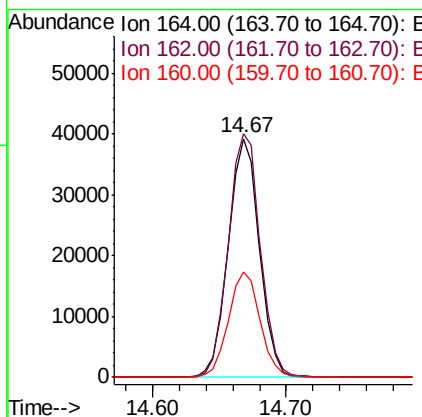
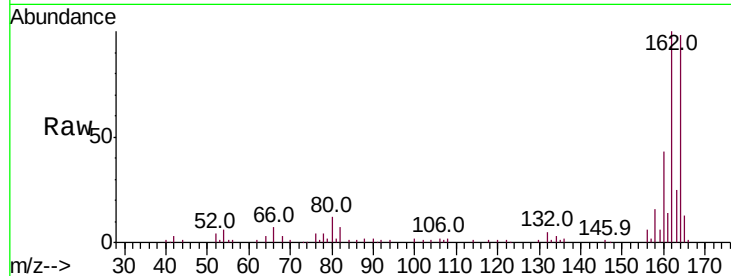




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039061.D
 Acq: 10 Jan 2019 20:38

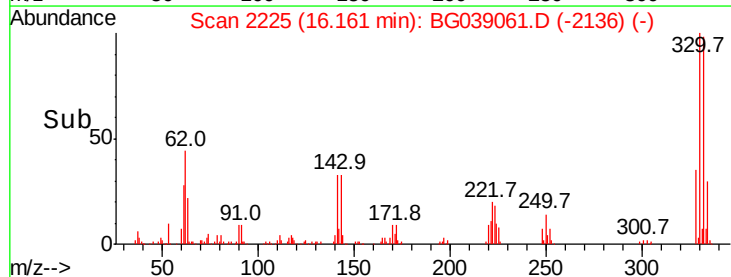
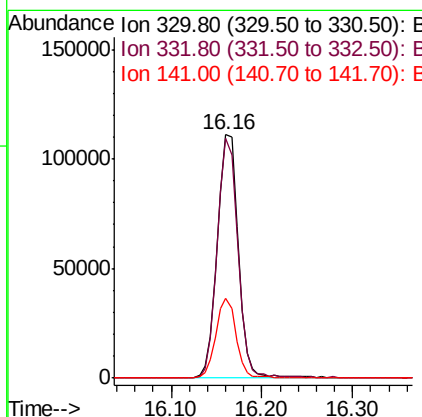
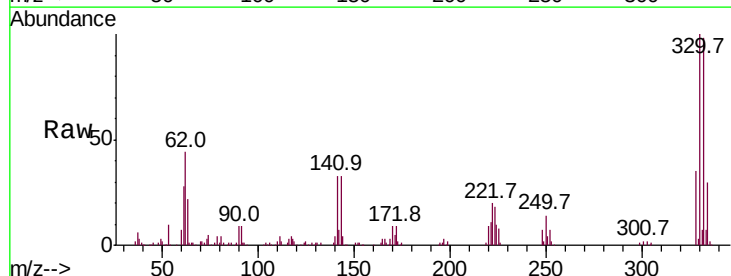
Instrument :
 BNA_G
 ClientSampleId :

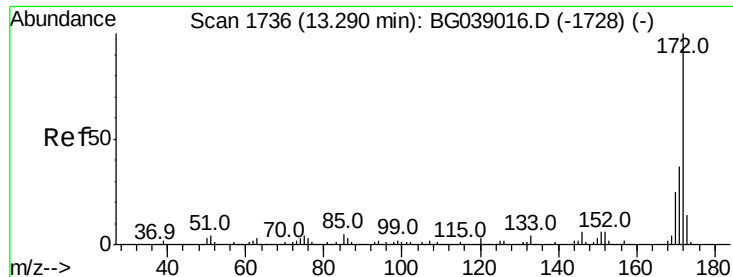
Tot Ion:164 Resp: 63848
 Ion Ratio Lower Upper
 164 100
 162 102.0 87.2 130.8
 160 44.0 33.3 49.9



#42
 2,4,6-Tribromophenol
 Concen: 166.986 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039061.D
 Acq: 10 Jan 2019 20:38

Tgt Ion:330 Resp: 178720
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 31.5 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 93.252 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

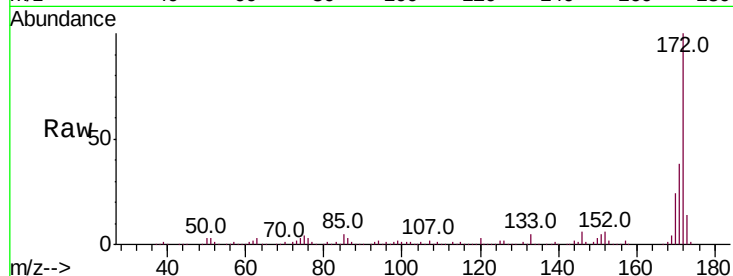
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 435051

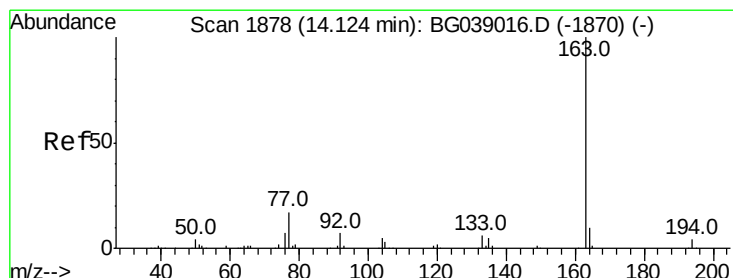
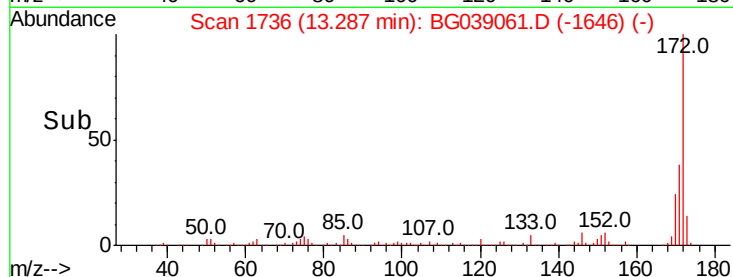
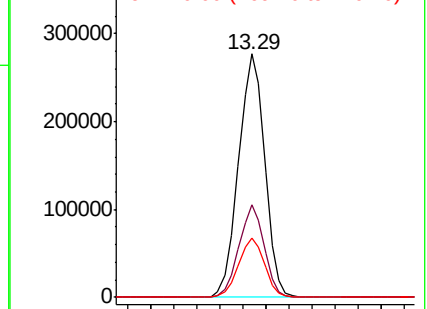
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.0
170	24.1	20.1	30.1



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: 22.554 ng

RT: 14.12 min Scan# 1877

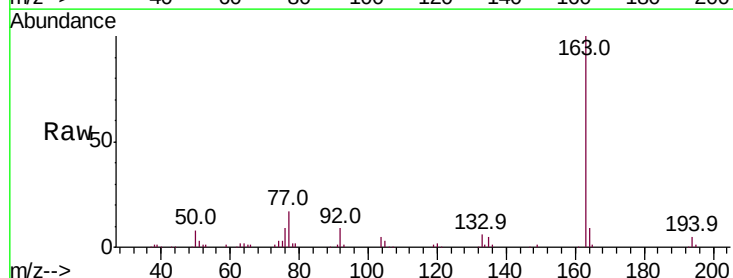
Delta R.T. -0.01 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Tgt Ion:163 Resp: 121691

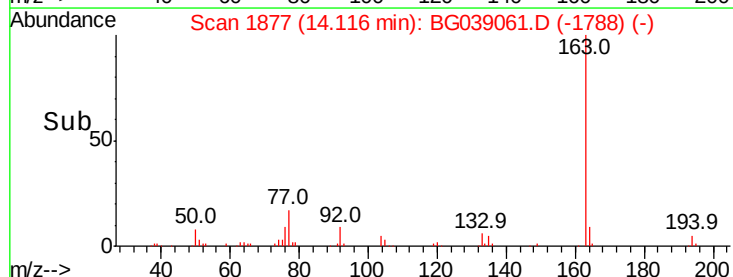
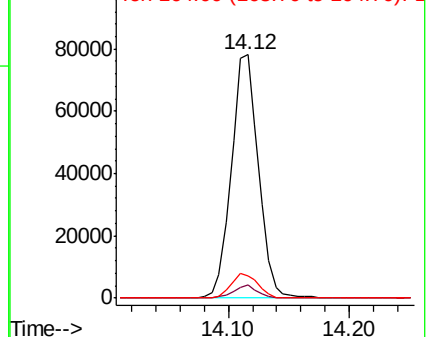
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	9.3	8.2	12.2

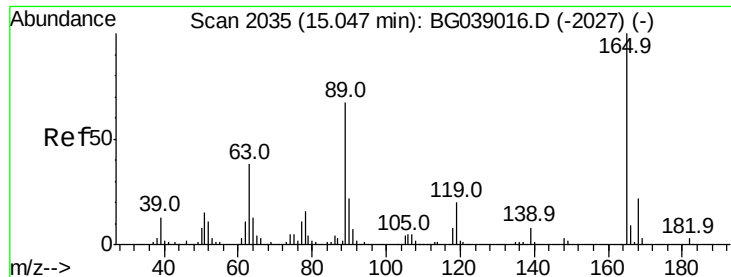


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 4.680 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 8100

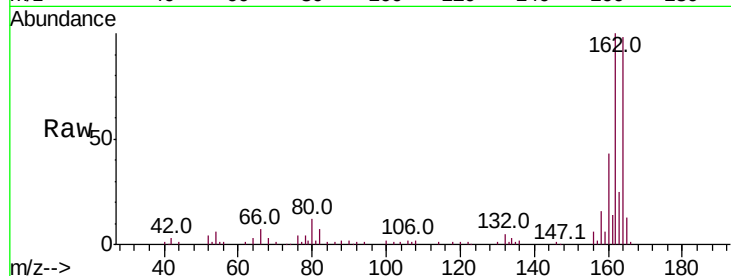
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

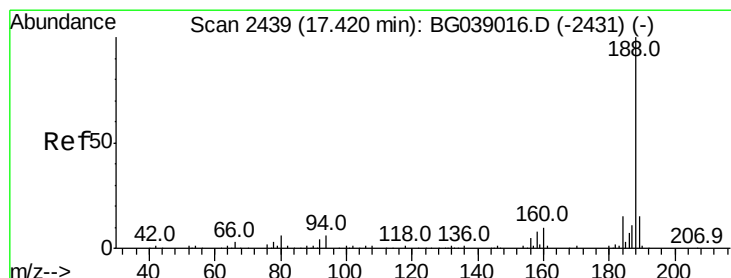
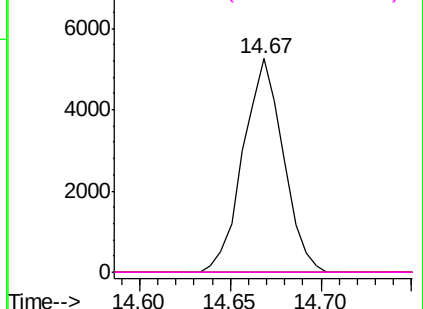
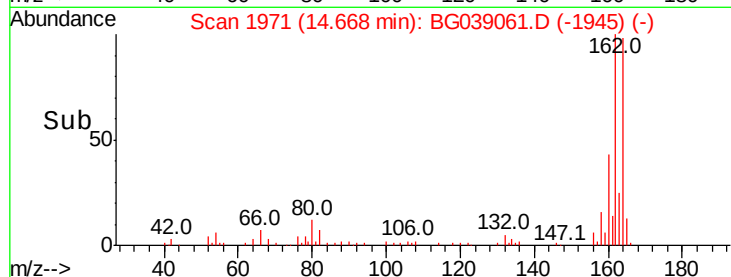


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

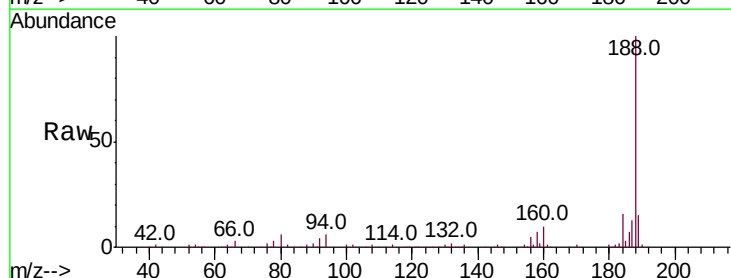
Tgt Ion:188 Resp: 172549

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

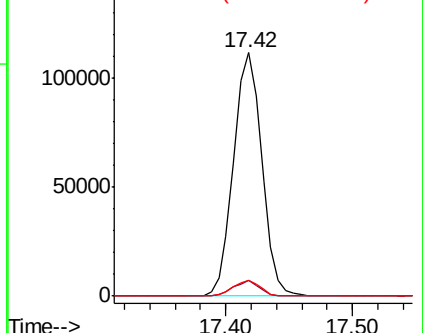
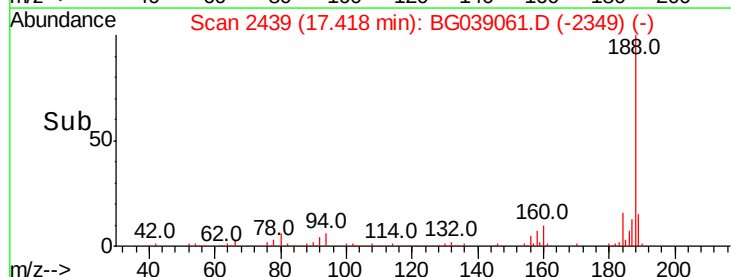
80 6.3 4.7 7.1

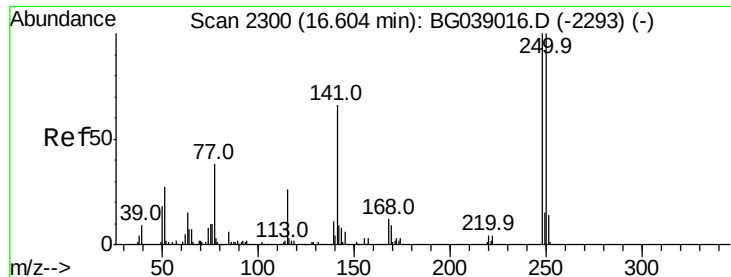


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 5.198 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampled :

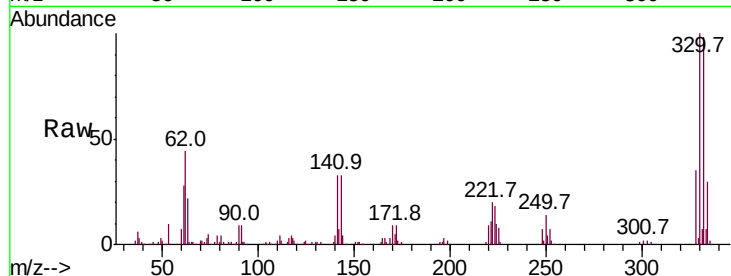
Tot Ion:248 Resp: 11529

Ion Ratio Lower Upper

248 100

250 203.2 79.9 119.9#

141 374.0 52.7 79.1#

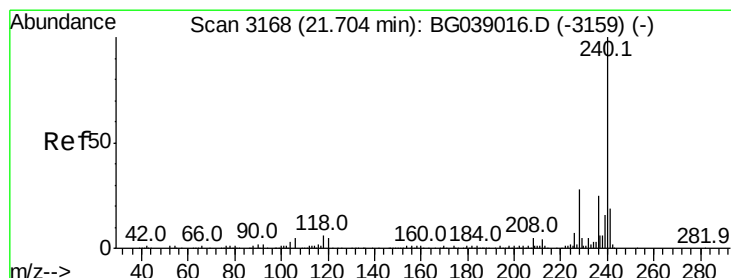
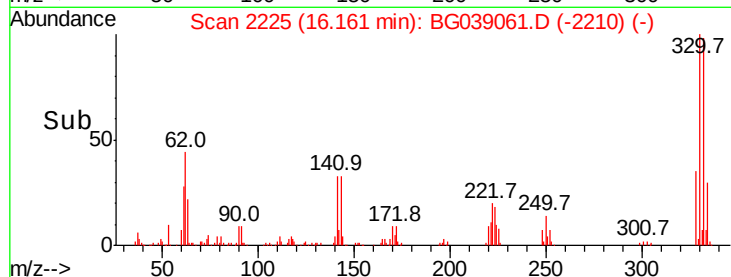
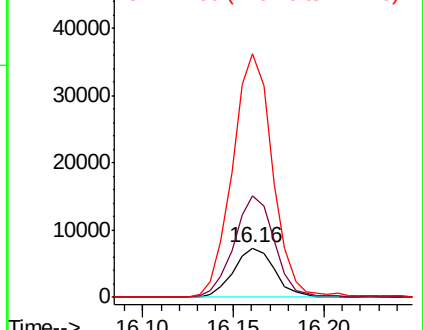


Abundance

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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

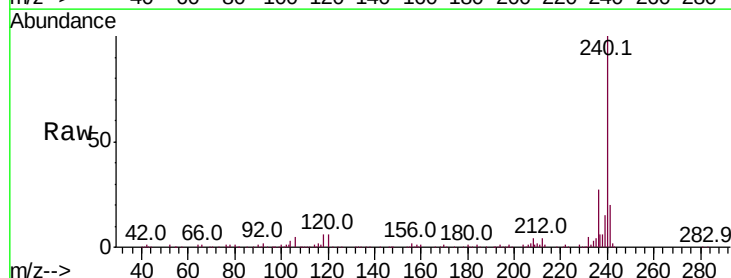
Tgt Ion:240 Resp: 193989

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

236 26.6 20.1 30.1

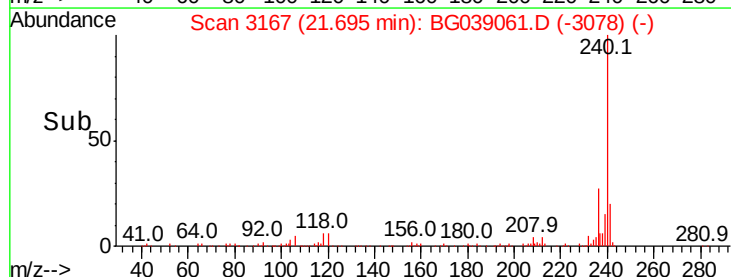
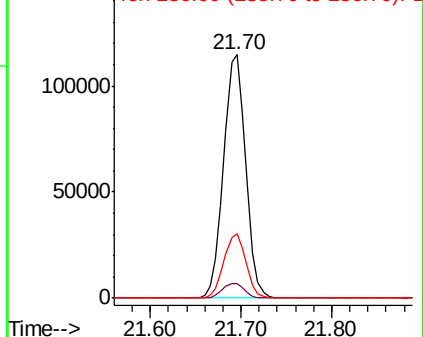


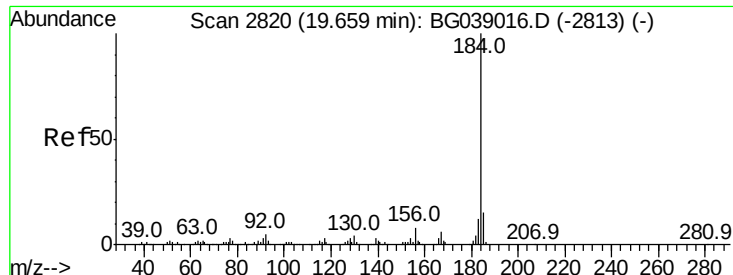
Abundance

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: 2.648 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

Instrument :

BNA_G

ClientSampleId :

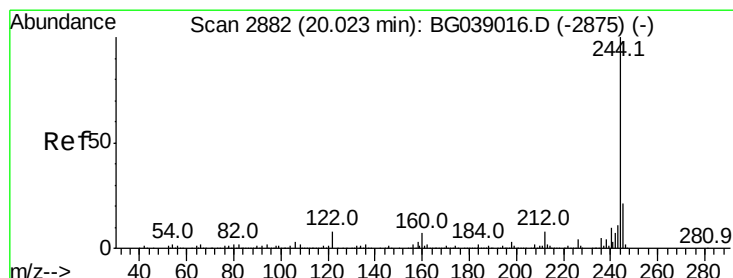
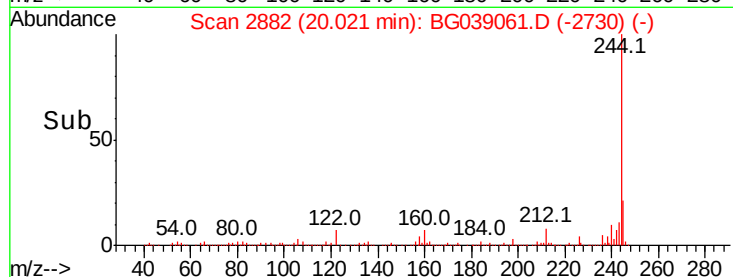
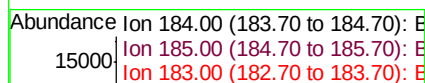
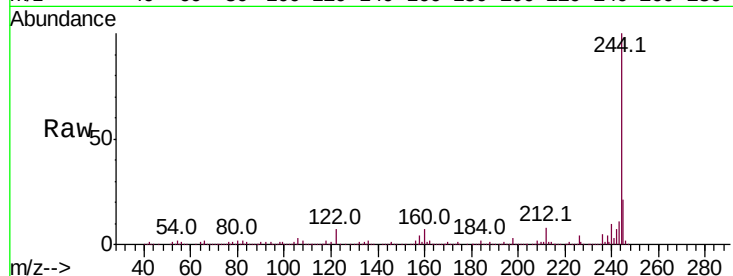
Tot Ion:184 Resp: 15709

Ion Ratio Lower Upper

184 100

185 16.1 12.1 18.1

183 9.9 9.5 14.3



#79

Terphenyl-d14

Concen: 90.194 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039061.D

Acq: 10 Jan 2019 20:38

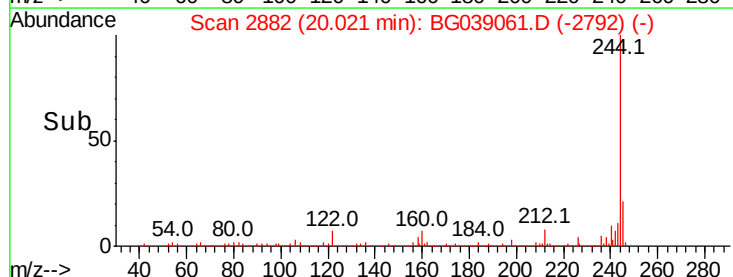
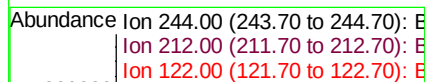
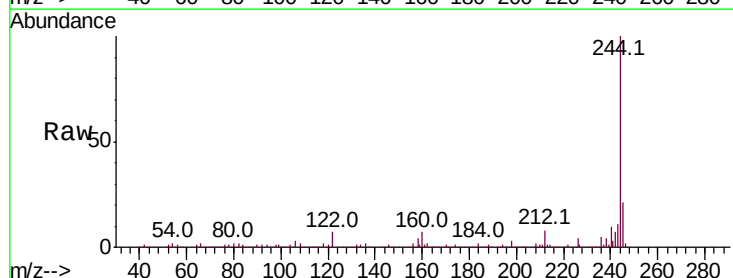
Tgt Ion:244 Resp: 945819

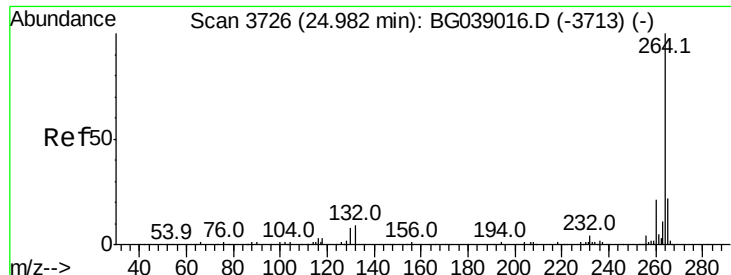
Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 7.2 6.1 9.1

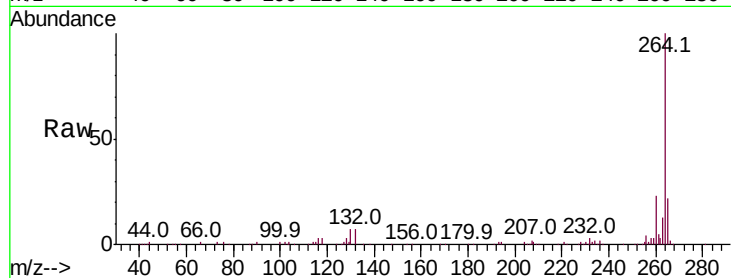




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3725
 Delta R.T. -0.01 min
 Lab File: BG039061.D
 Acq: 10 Jan 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	21.8	17.2	25.8



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

