

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039175.D
 Acq On : 17 Jan 2019 2:53
 Operator : JU/SJ
 Sample : K1147-24
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Jan 17 04:06:33 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

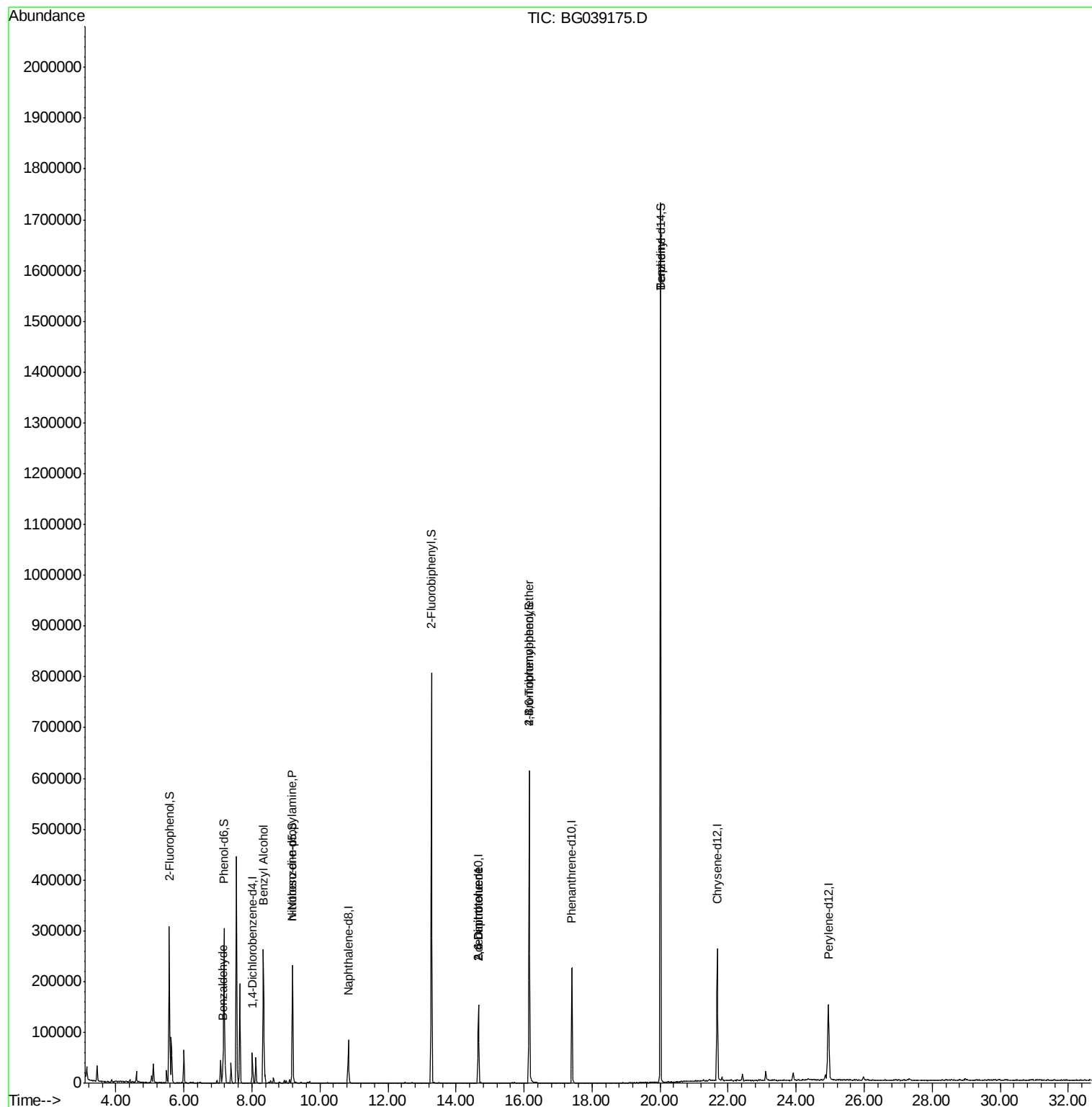
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17609	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	79309	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	58535	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	159477	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	175894	20.00	ng	-0.02
87) Perylene-d12	24.94	264	193777	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	139578	150.36	ng	-0.01
7) Phenol-d6	7.18	99	180194	134.89	ng	-0.01
23) Nitrobenzene-d5	9.20	82	143082	98.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144639	147.41	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	435619	101.85	ng	-0.01
79) Terphenyl-d14	20.01	244	847718	89.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.14	77	1783	2.314	ng	# 1
15) Benzyl Alcohol	8.34	79	2036	2.024	ng	# 52
19) n-Nitroso-di-n-propylamine	9.20	70	18390	20.963	ng	# 69
51) 2,6-Dinitrotoluene	14.66	165	7563	6.839	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7563	4.767	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9338	4.555	ng	# 1
77) Benizidine	20.01	184	13574	2.523	ng	# 95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



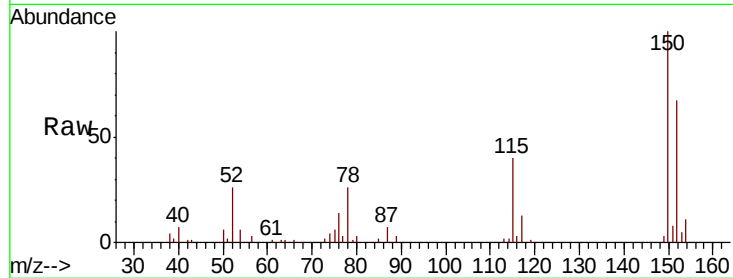


#1

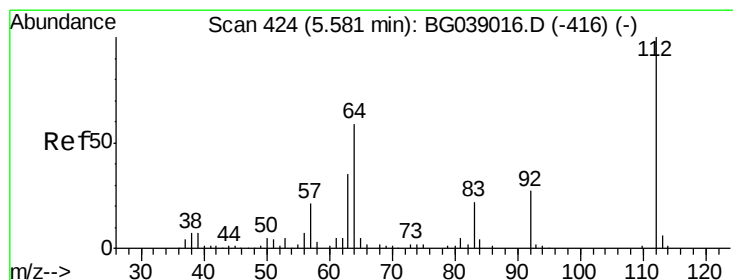
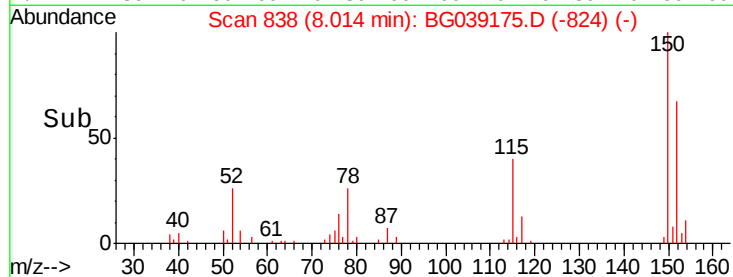
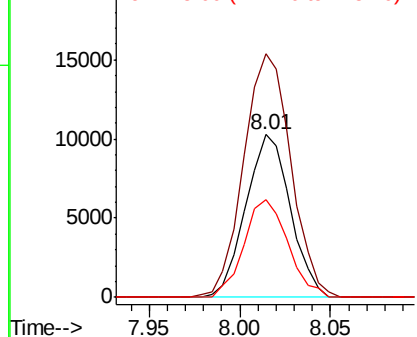
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 17609
Ion Ratio Lower Upper
152 100
150 149.5 124.7 187.1
115 60.1 46.5 69.7



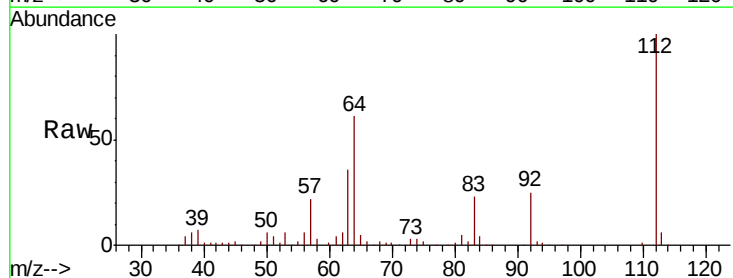
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



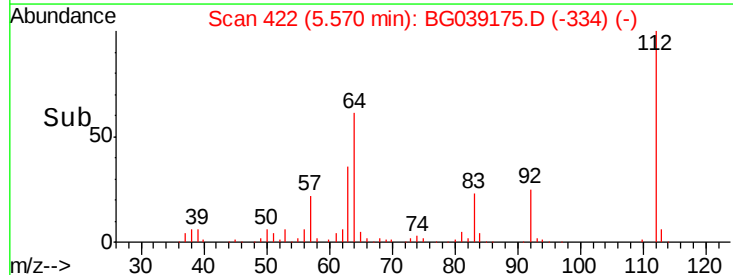
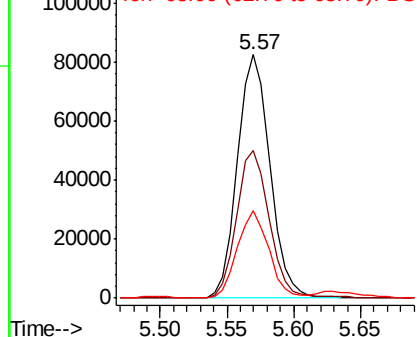
#5

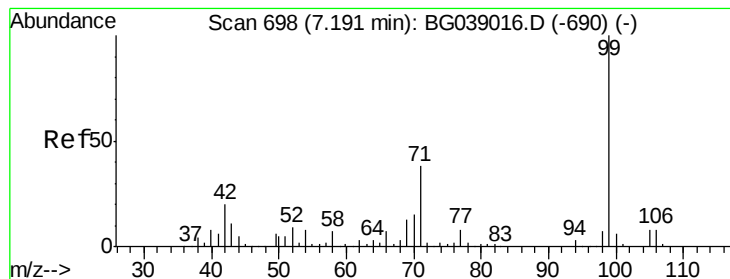
2-Fluorophenol
Concen: 150.365 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:112 Resp: 139578
Ion Ratio Lower Upper
112 100
64 60.6 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: 134.887 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

Instrument :

BNA_G

ClientSampled :

TP-8

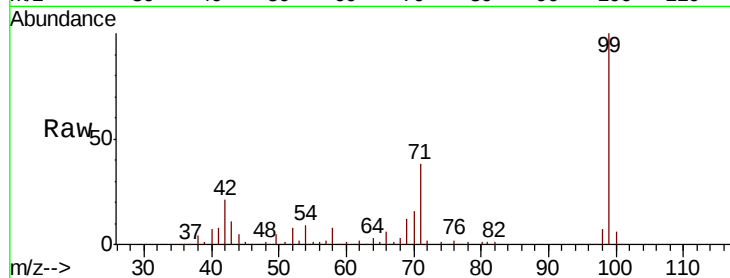
Tgt Ion: 99 Resp: 180194

Ion Ratio Lower Upper

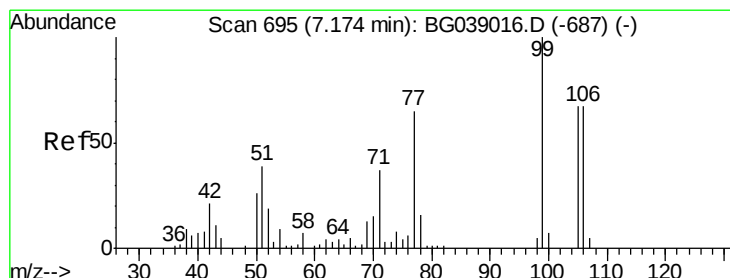
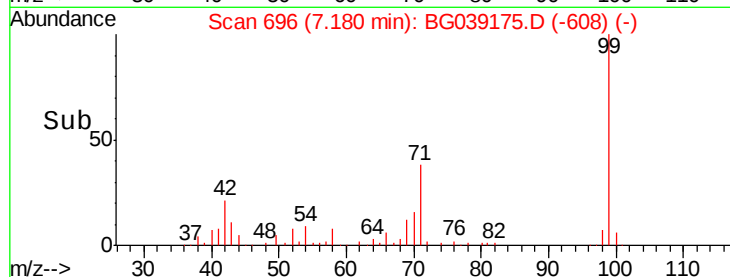
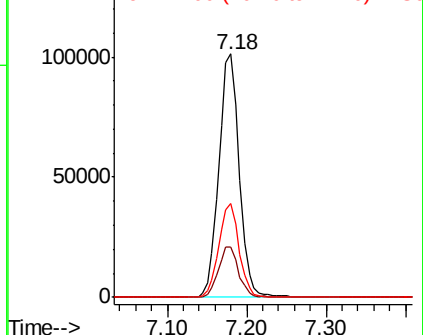
99 100

42 20.9 15.8 23.6

71 38.3 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



#9

Benzaldehyde

Concen: 2.314 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.03 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

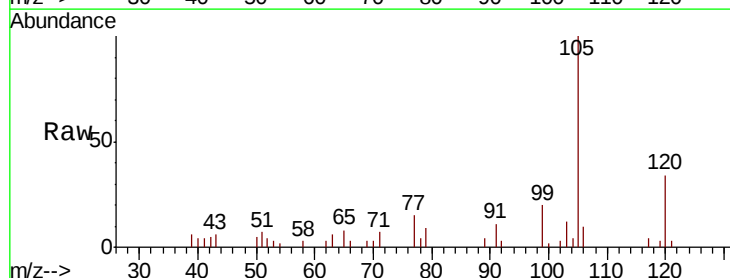
Tgt Ion: 77 Resp: 1783

Ion Ratio Lower Upper

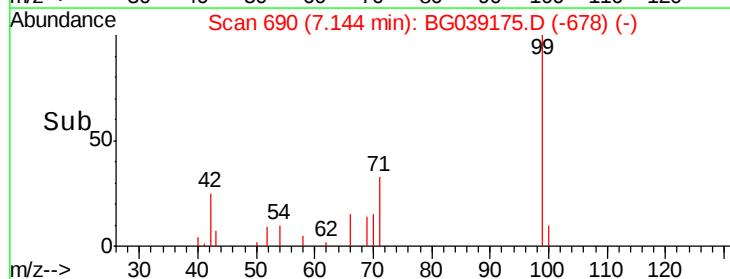
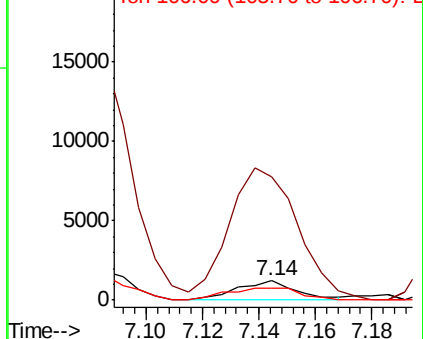
77 100

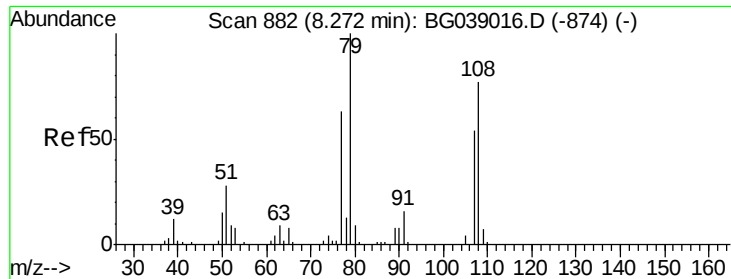
105 650.4 82.4 122.4#

106 63.6 82.8 122.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 2.024 ng

RT: 8.34 min Scan# 893

Delta R.T. 0.06 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

Instrument :

BNA_G

ClientSampled :

TP-8

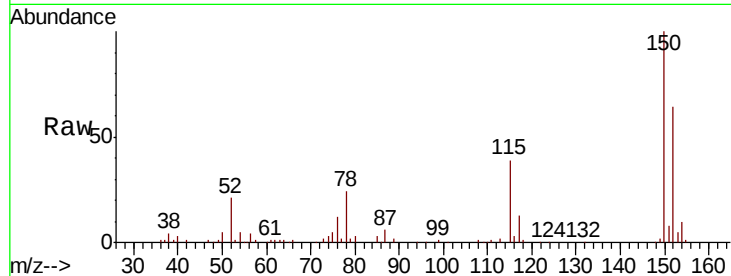
Tgt Ion: 79 Resp: 2036

Ion Ratio Lower Upper

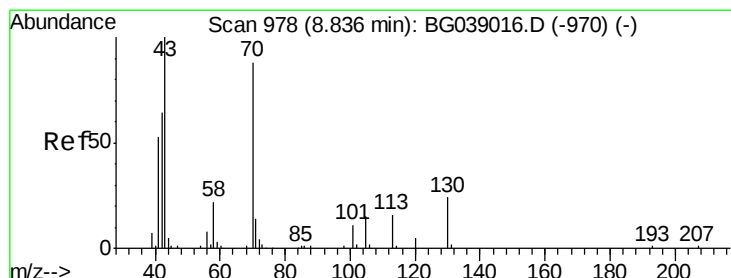
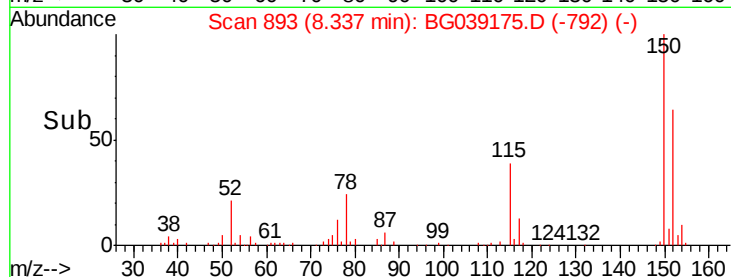
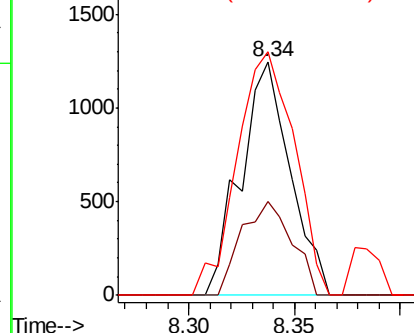
79 100

108 40.1 62.0 93.0#

77 104.1 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 20.963 ng

RT: 9.20 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

Tgt Ion: 70 Resp: 18390

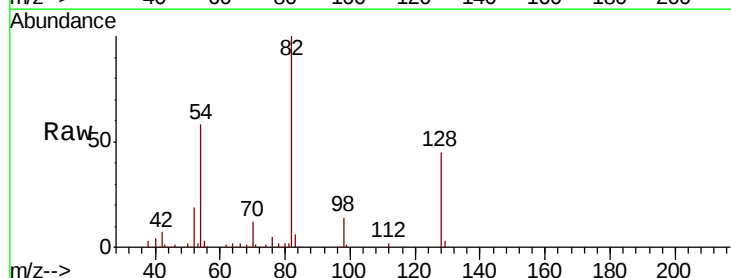
Ion Ratio Lower Upper

70 100

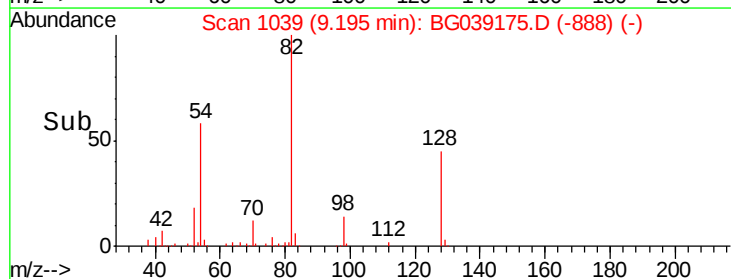
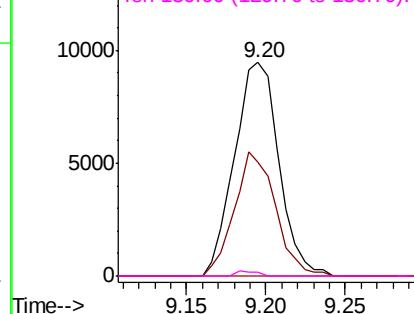
42 53.1 59.0 88.4#

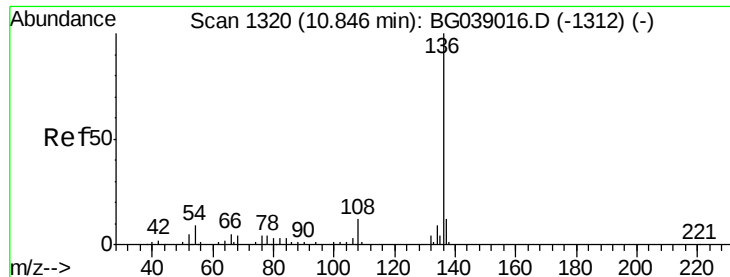
101 0.0 10.4 15.6#

130 1.8 21.6 32.4#



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

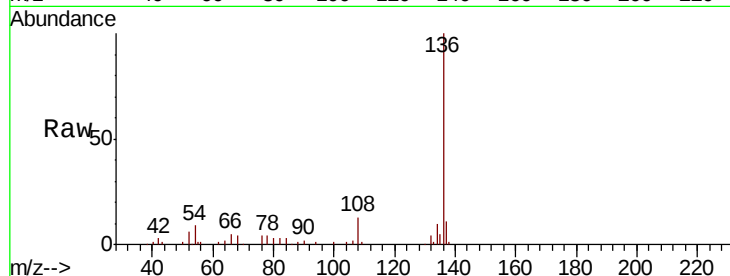




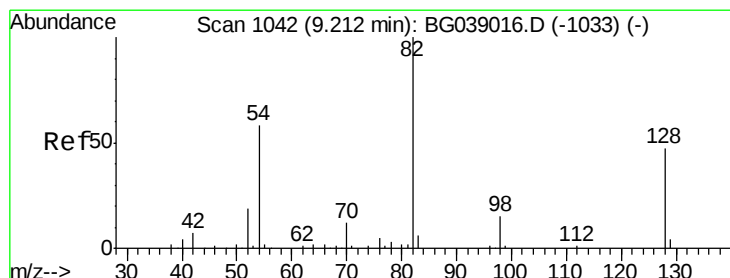
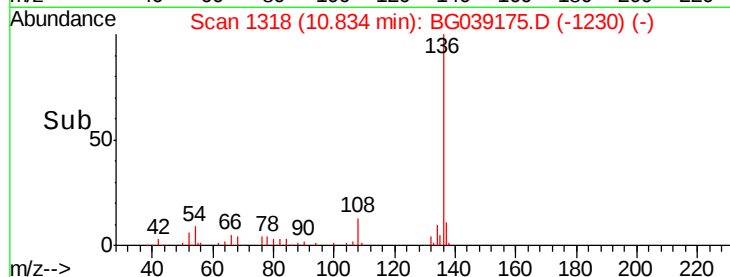
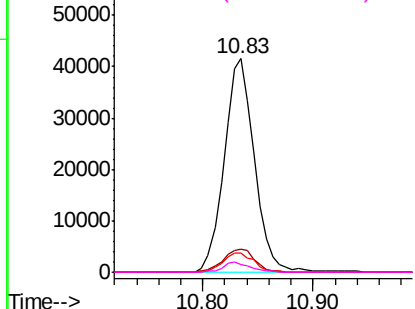
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:	136	Resp:	79309
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.0	7.2	10.8
68	3.8	3.5	5.3

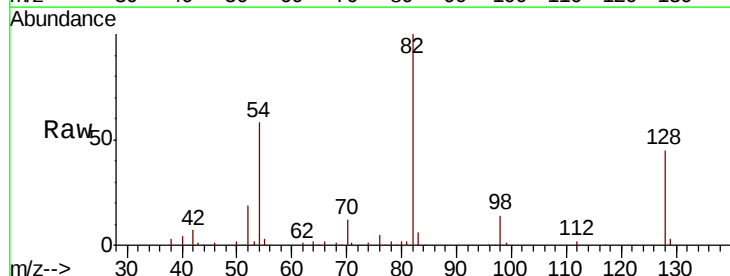


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

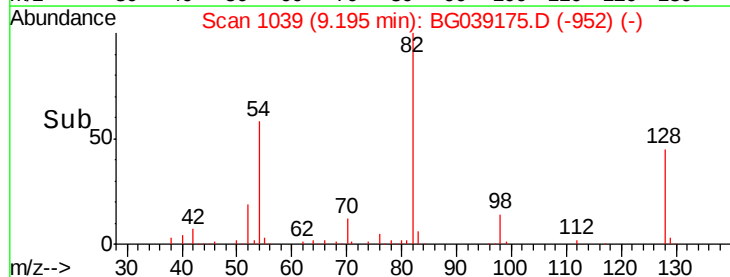
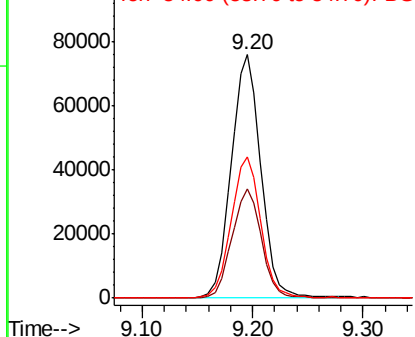


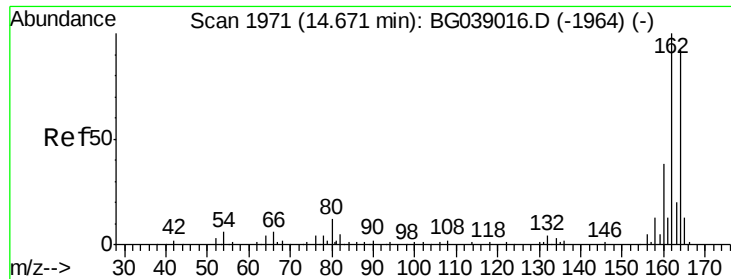
#23
Nitrobenzene-d5
Concen: 98.720 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:	82	Resp:	143082
Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.3	55.9
54	58.1	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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

Instrument :

BNA_G

ClientSampleId :

TP-8

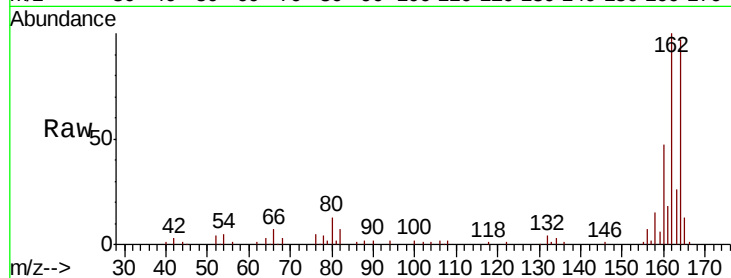
Tgt Ion:164 Resp: 58535

Ion Ratio Lower Upper

164 100

162 103.2 87.2 130.8

160 48.3 33.3 49.9

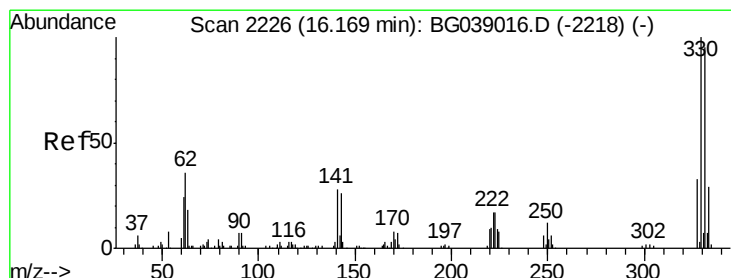
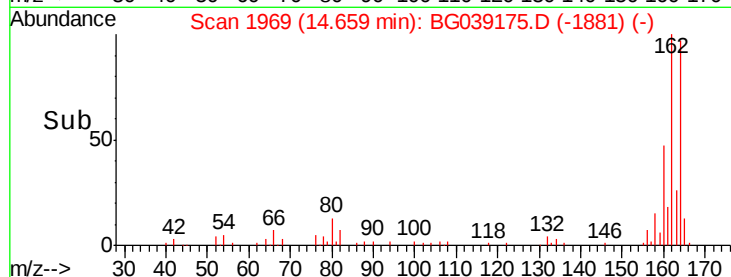
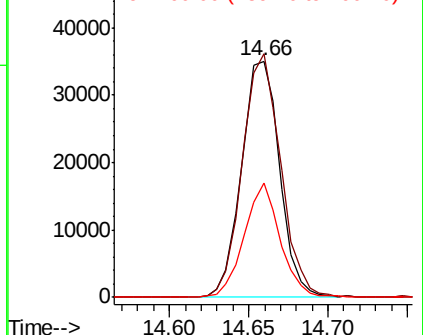


Abundance

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: 147.409 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

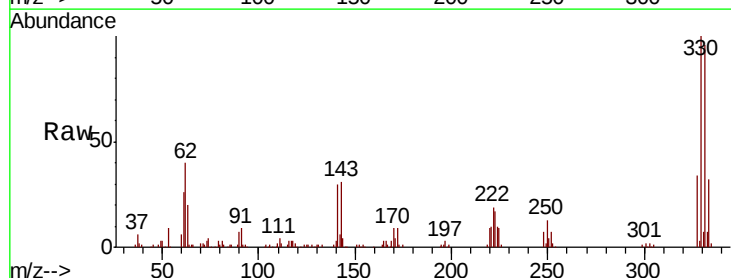
Tgt Ion:330 Resp: 144639

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

141 31.7 24.9 37.3

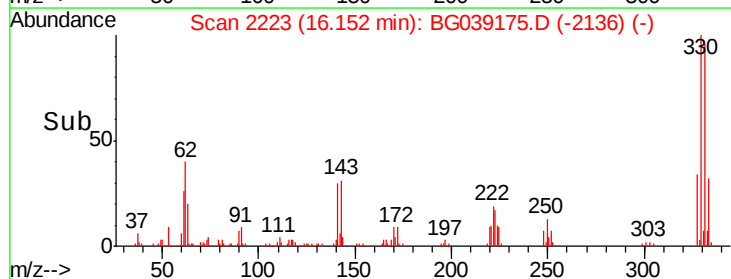
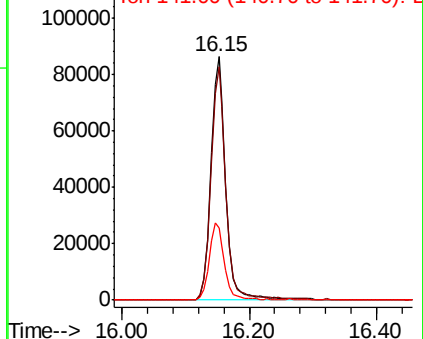


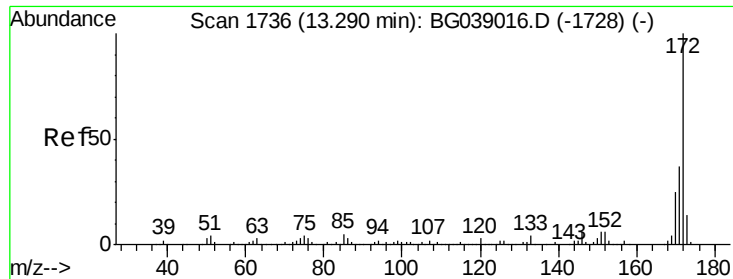
Abundance

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

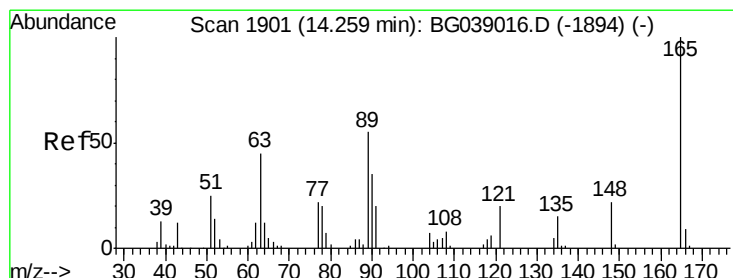
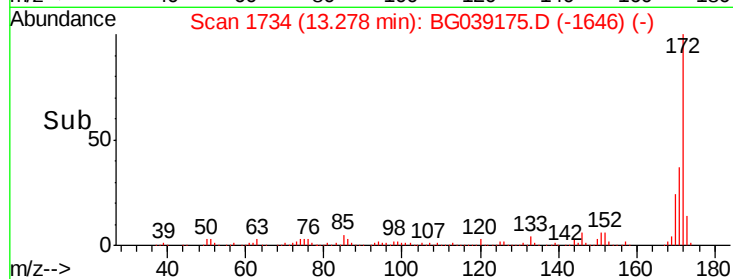
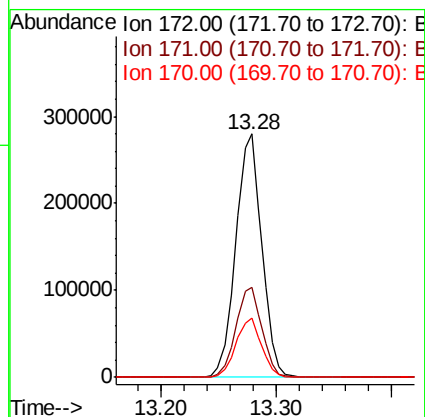
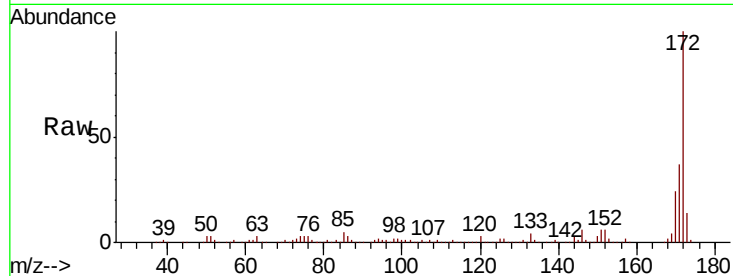




#45
 2-Fluorobiphenyl
 Concen: 101.849 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039175.D
 Acq: 17 Jan 2019 2:53

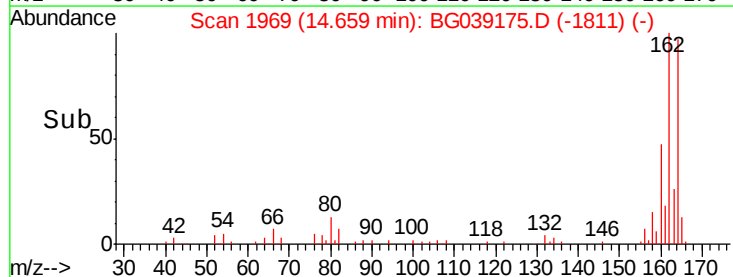
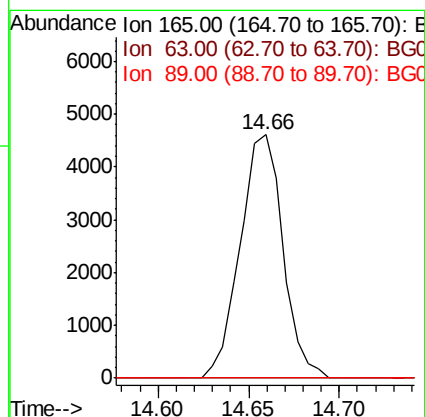
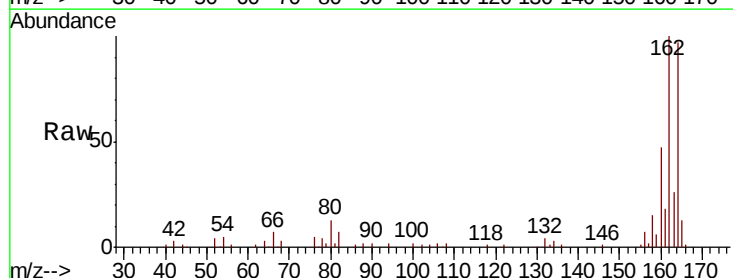
Instrument :
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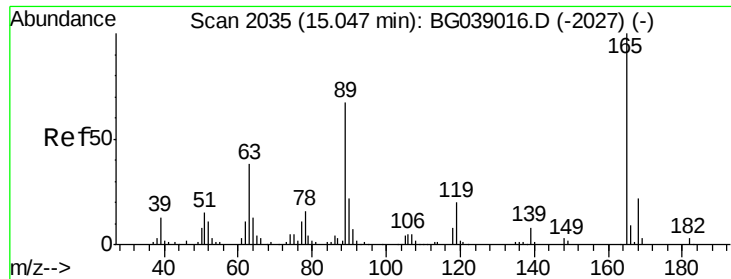
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.2	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.839 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039175.D
 Acq: 17 Jan 2019 2:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

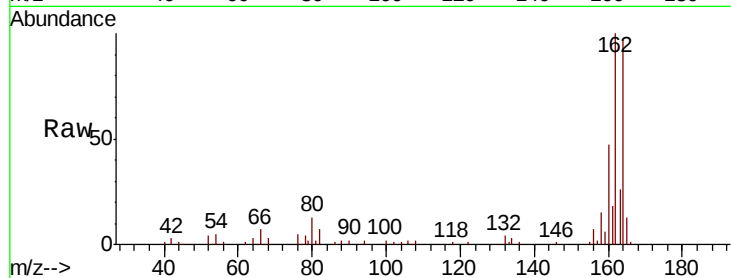




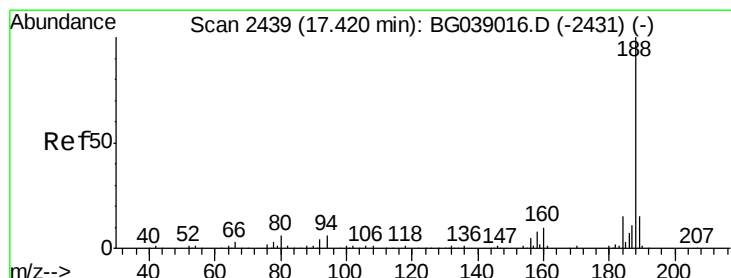
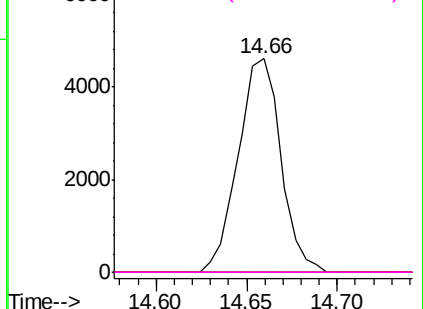
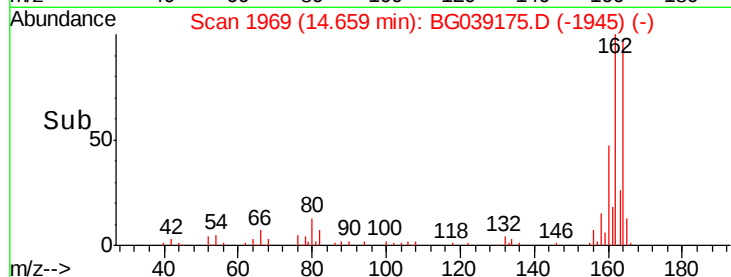
#57
 2,4-Dinitrotoluene
 Concen: 4.767 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039175.D
 Acq: 17 Jan 2019 2:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:165 Resp: 7563
 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#

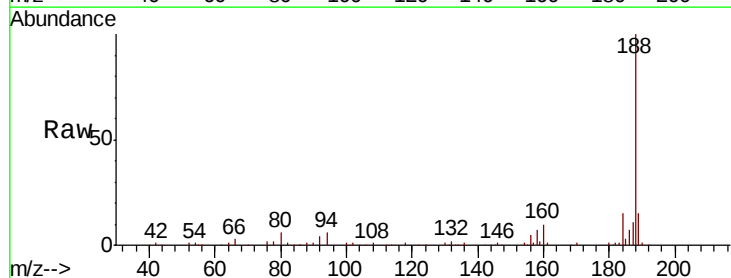


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

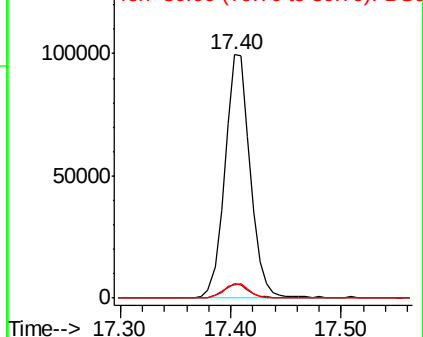
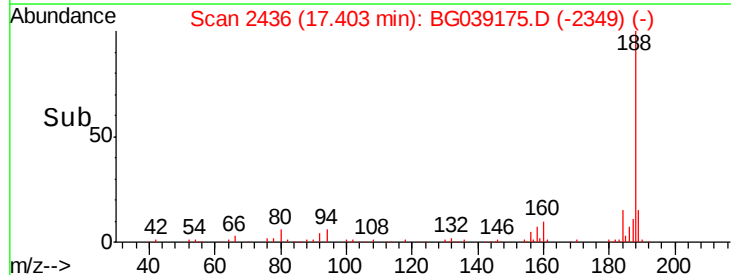


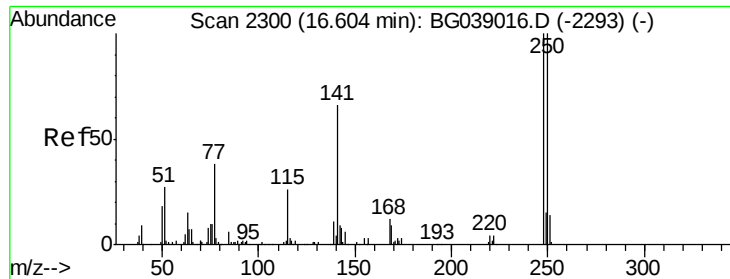
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BG039175.D
 Acq: 17 Jan 2019 2:53

Tgt Ion:188 Resp: 159477
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.0 7.4
 80 5.5 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

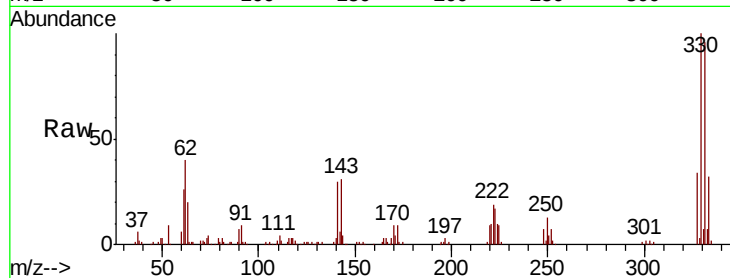




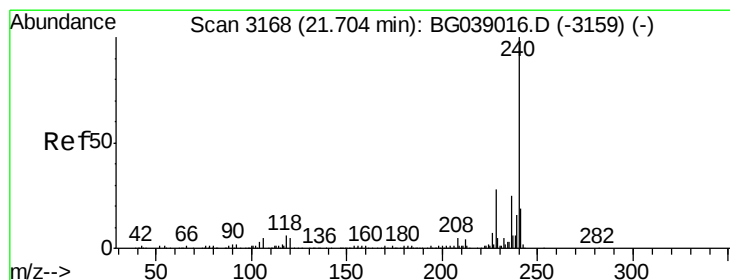
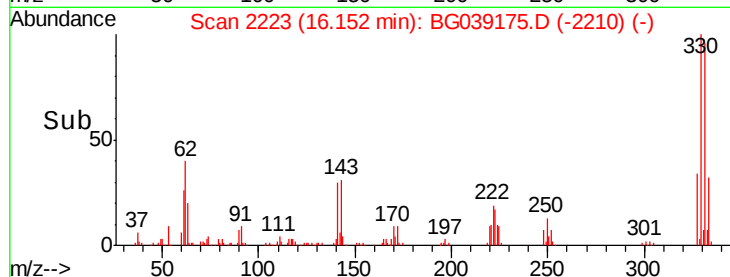
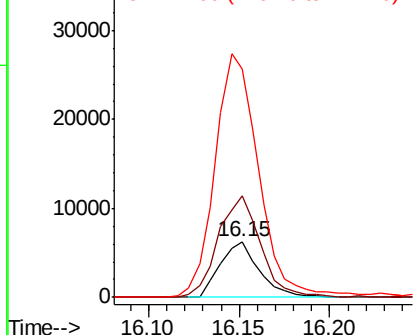
#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:248 Resp: 9338
Ion Ratio Lower Upper
248 100
250 234.2 79.9 119.9#
141 410.9 52.7 79.1#

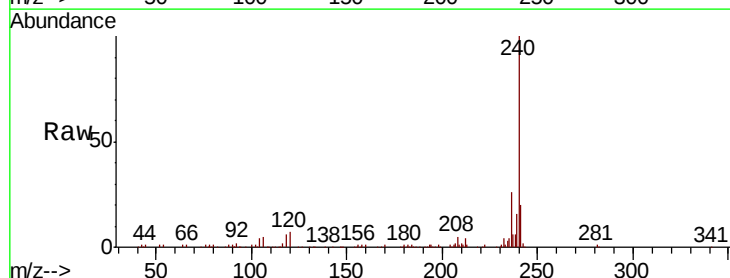


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

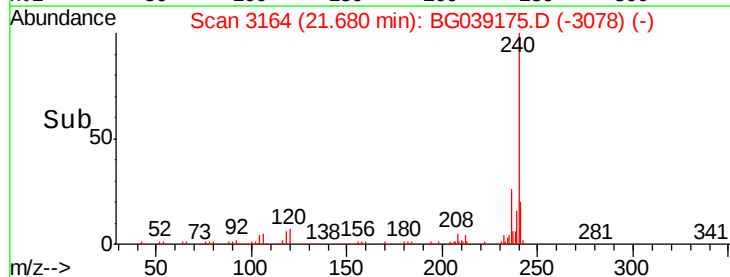
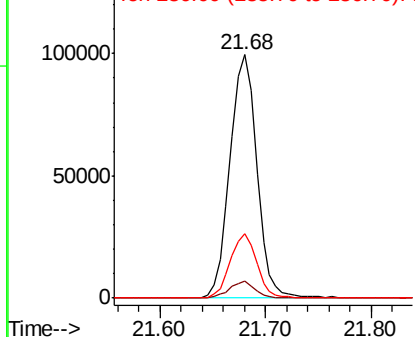


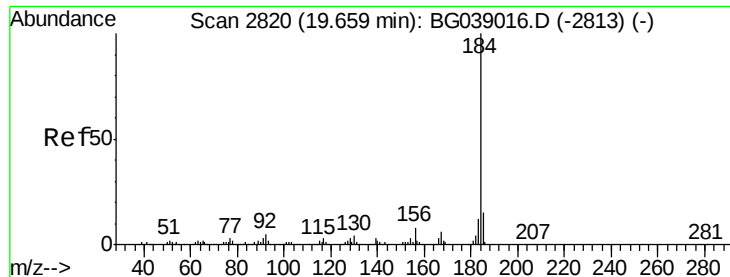
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Tgt Ion:240 Resp: 175894
Ion Ratio Lower Upper
240 100
120 6.8 4.3 6.5#
236 26.3 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: 2.523 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.35 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

Instrument :

BNA_G

ClientSampleId :

TP-8

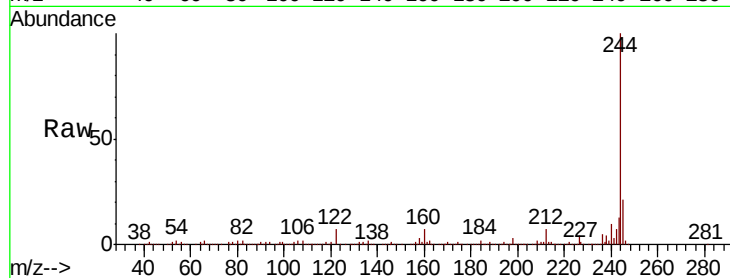
Tgt Ion:184 Resp: 13574

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

183 8.0 9.5 14.3#

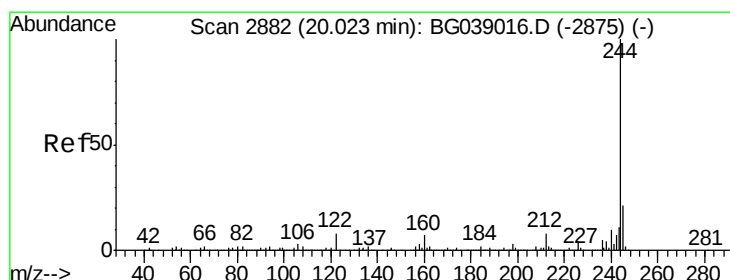
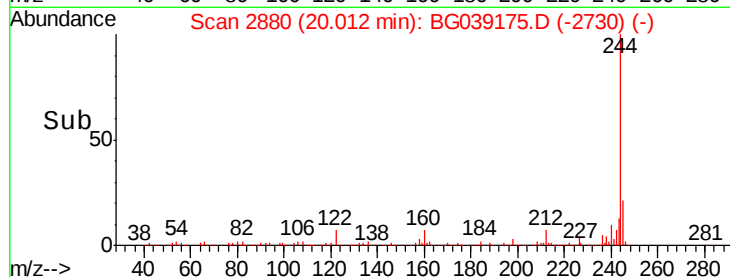
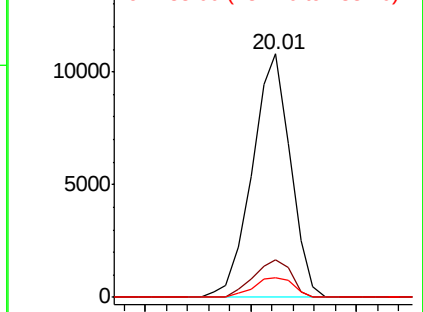


Abundance

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: 89.155 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039175.D

Acq: 17 Jan 2019 2:53

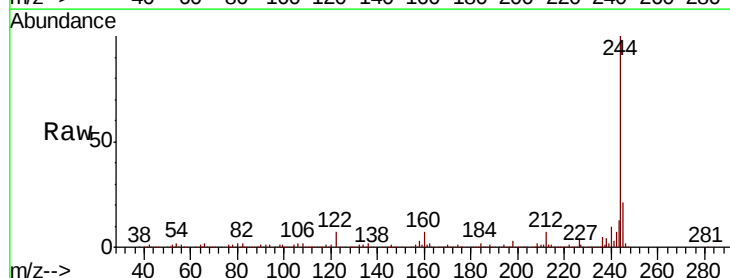
Tgt Ion:244 Resp: 847718

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.8 6.1 9.1

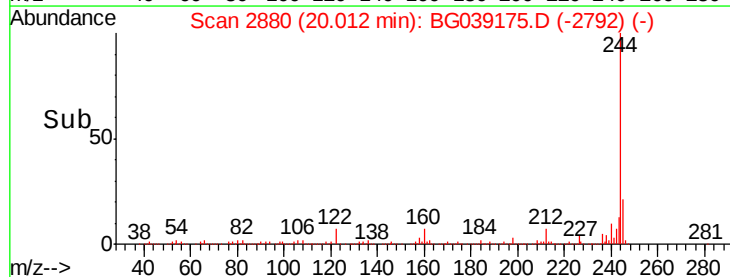
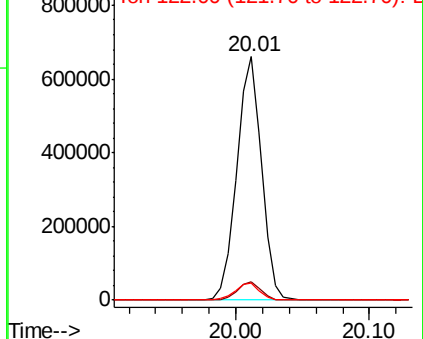


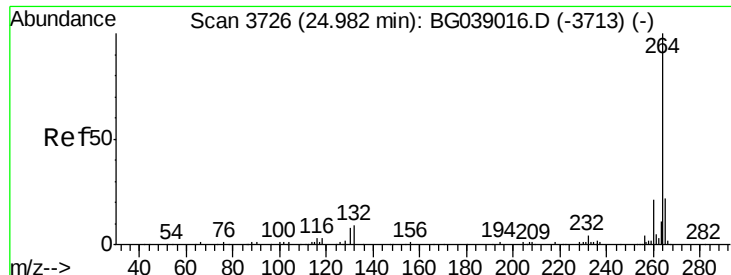
Abundance

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: 24.94 min Scan# 3719
Delta R.T. -0.04 min
Lab File: BG039175.D
Acq: 17 Jan 2019 2:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	20.5	17.2	25.8

