

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039069.D
 Acq On : 11 Jan 2019 1:52
 Operator : JU/SJ
 Sample : PB116306BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:13:39 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

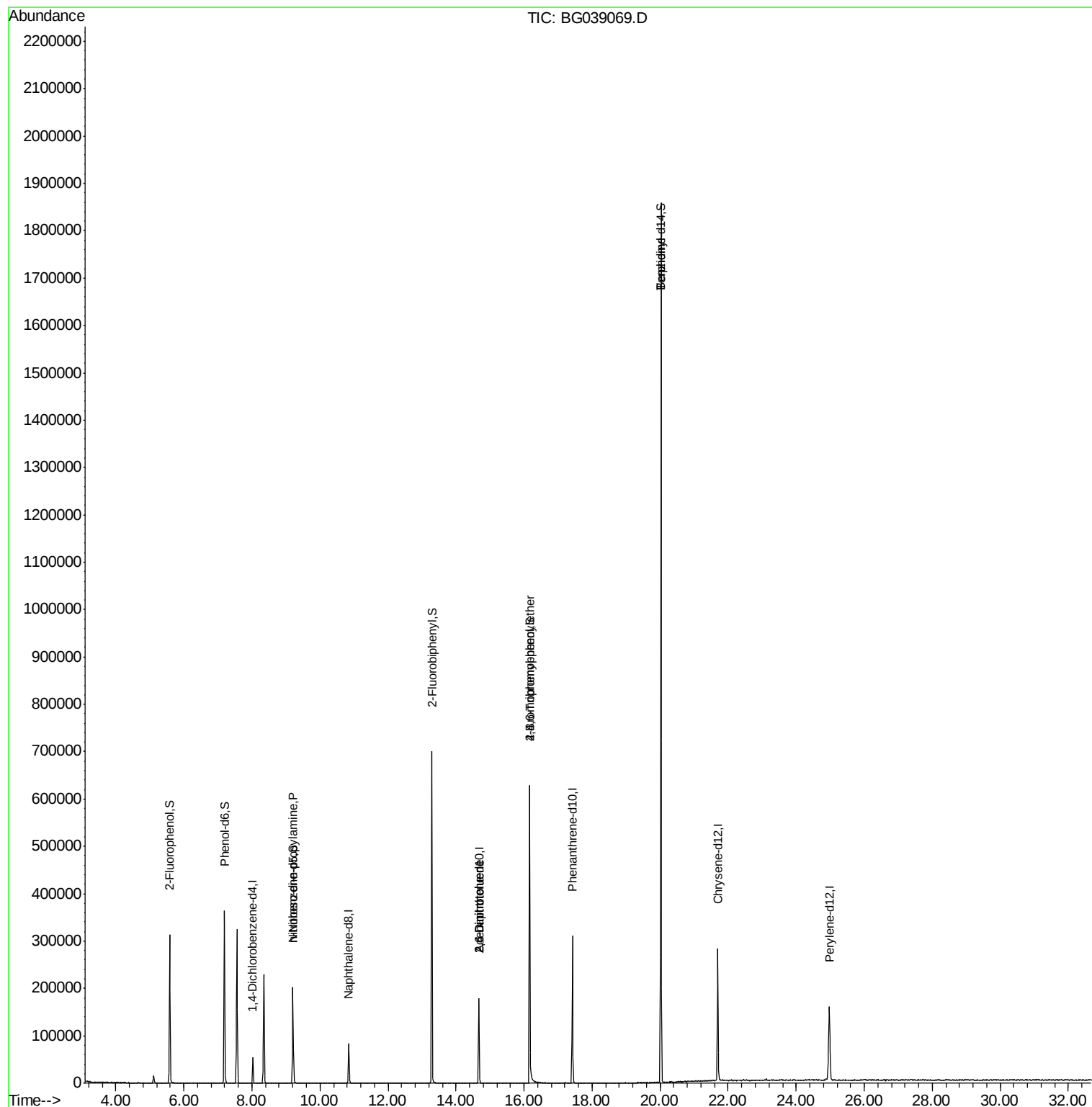
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	16799	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	76859	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68052	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	210386	20.00	ng	0.00
76) Chrysene-d12	21.70	240	185872	20.00	ng	0.00
87) Perylene-d12	24.97	264	194763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	146891	165.87	ng	0.00
7) Phenol-d6	7.19	99	214173	168.05	ng	0.00
23) Nitrobenzene-d5	9.20	82	123710	88.07	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	152969	134.10	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	403083	81.06	ng	0.00
79) Terphenyl-d14	20.02	244	943926	93.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	16747	20.011	ng	# 60
51) 2,6-Dinitrotoluene	14.67	165	8614	6.700	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	8614	4.670	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	9668	3.575	ng	# 1
77) Benzidine	20.02	184	14468	2.545	ng	# 95

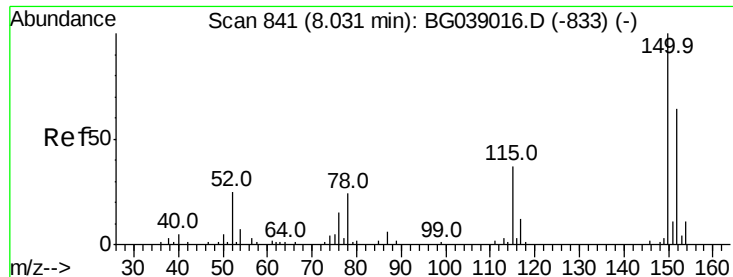
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039069.D
Acq On : 11 Jan 2019 1:52
Operator : JU/SJ
Sample : PB116306BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 11 05:13:39 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



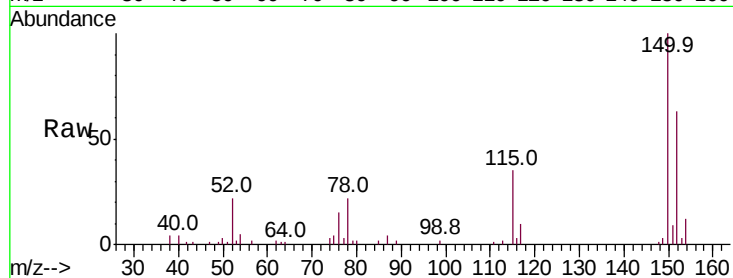


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039069.D
Acq: 11 Jan 2019 1:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.7	187.1
115	54.6	46.5	69.7

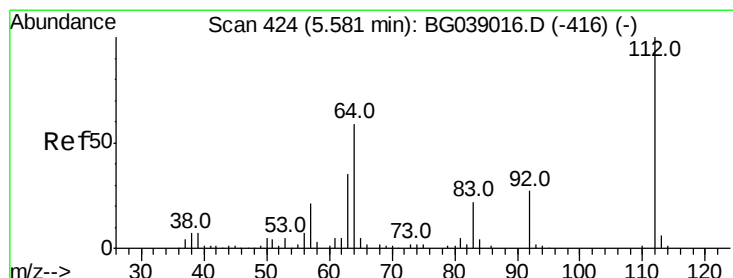
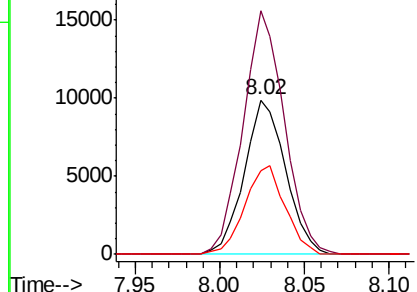
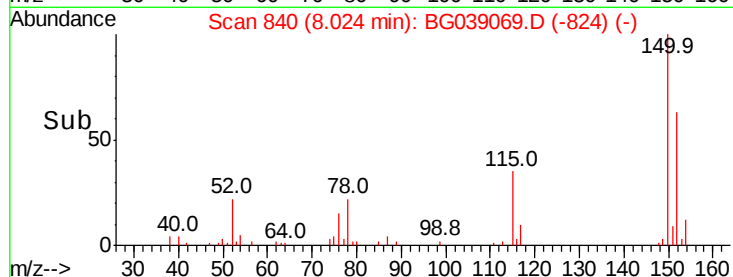


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

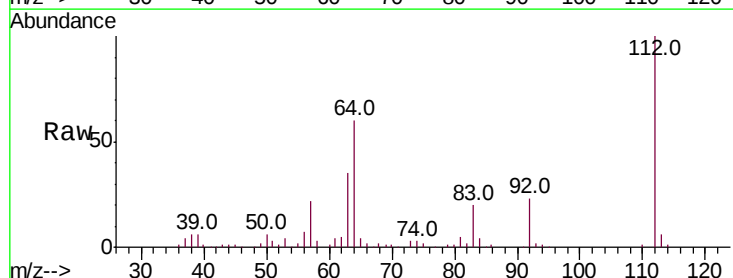
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 165.873 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039069.D
Acq: 11 Jan 2019 1:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.0	70.6
63	34.7	28.0	42.0

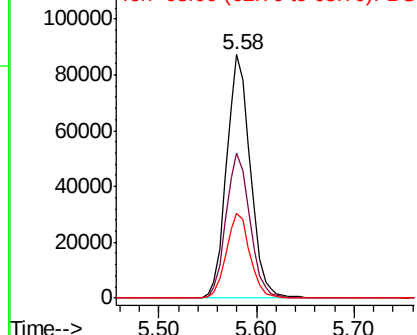
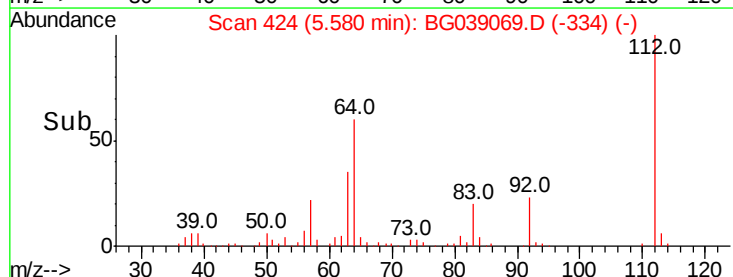


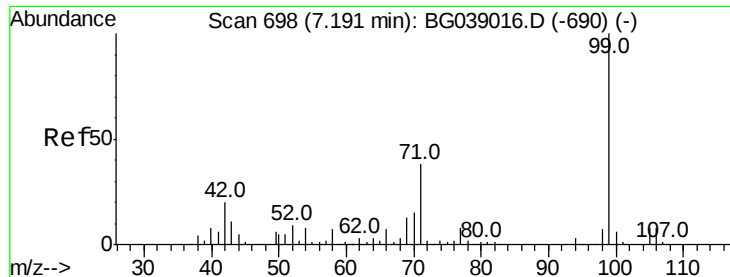
Abundance

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: 168.052 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

Instrument :

BNA_G

ClientSampleId :

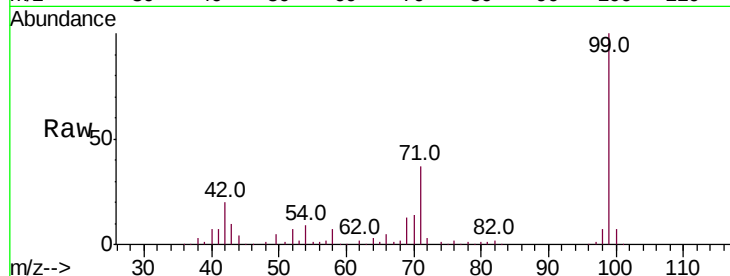
Tot Ion: 99 Resp: 214173

Ion Ratio Lower Upper

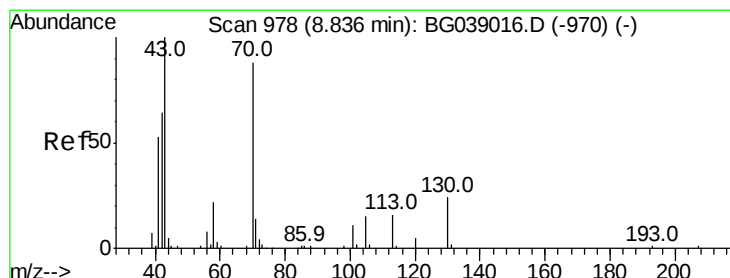
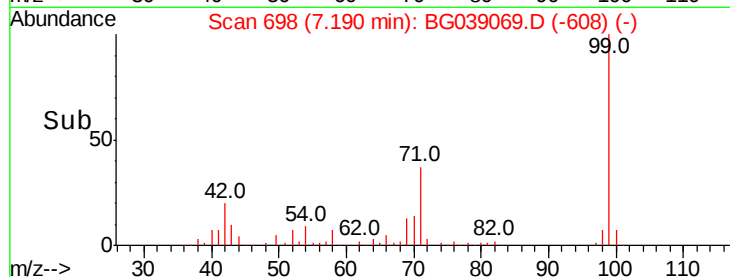
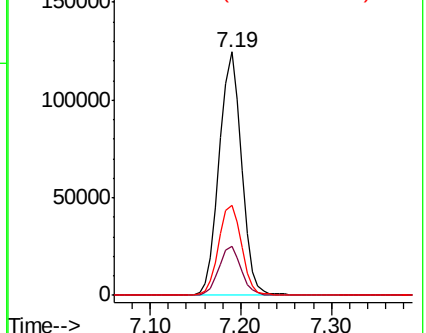
99 100

42 19.9 15.8 23.6

71 36.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 20.011 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

Tgt Ion: 70 Resp: 16747

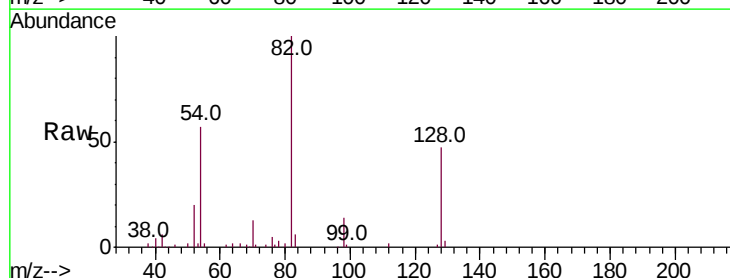
Ion Ratio Lower Upper

70 100

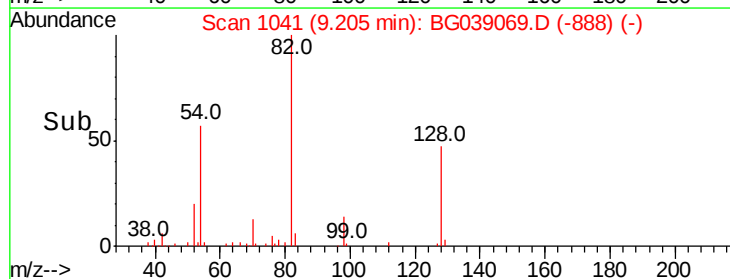
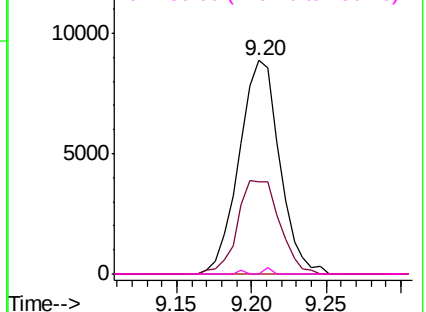
42 43.2 59.0 88.4#

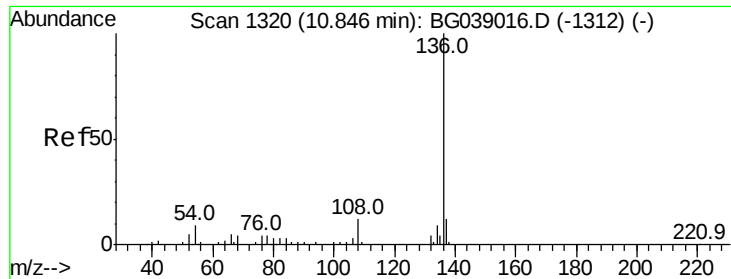
101 0.0 10.4 15.6#

130 0.0 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 76859

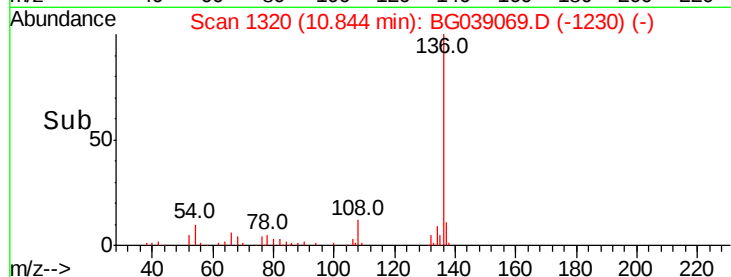
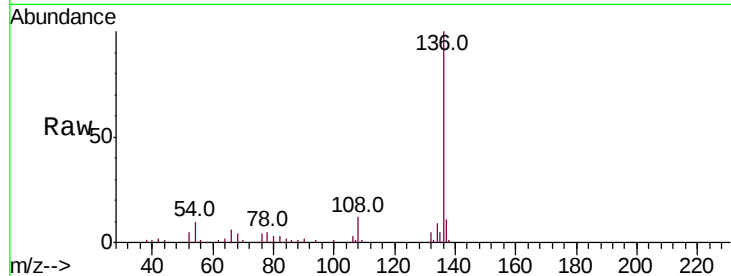
Ion Ratio Lower Upper

136 100

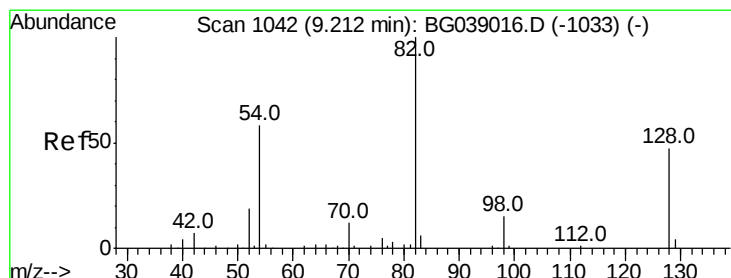
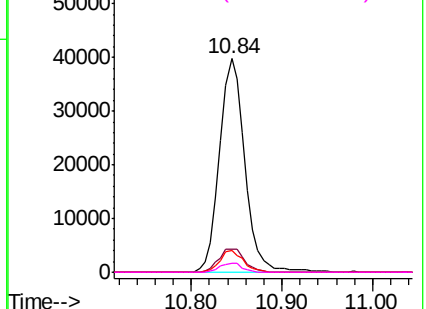
137 10.6 9.4 14.2

54 10.4 7.2 10.8

68 4.4 3.5 5.3



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: 88.075 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

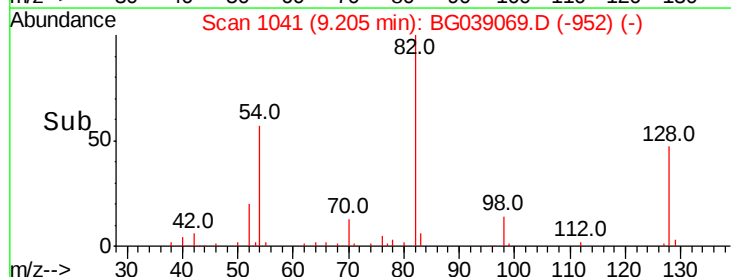
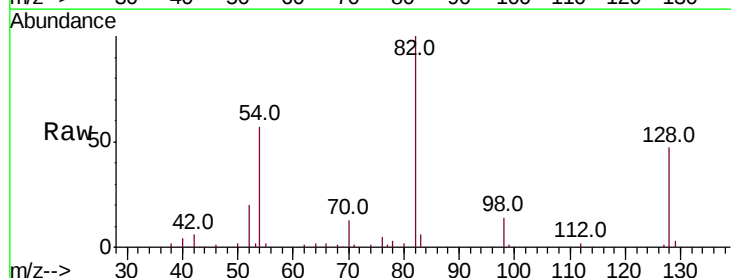
Tgt Ion: 82 Resp: 123710

Ion Ratio Lower Upper

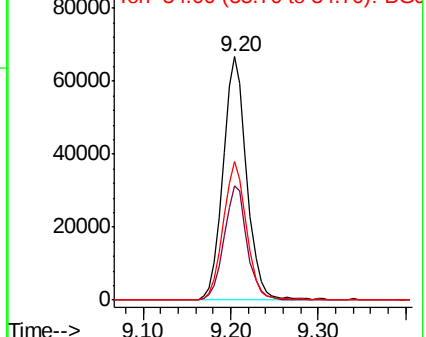
82 100

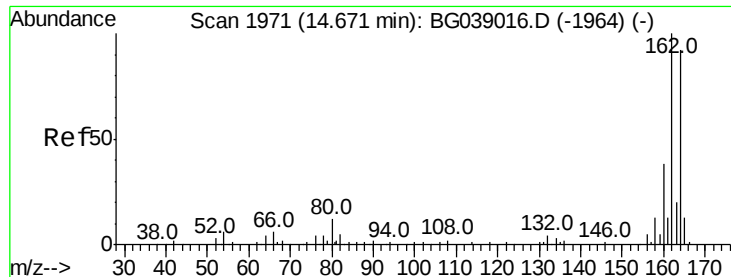
128 47.0 37.3 55.9

54 57.0 46.4 69.6



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

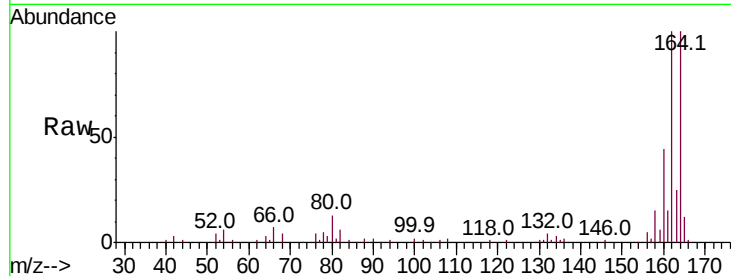




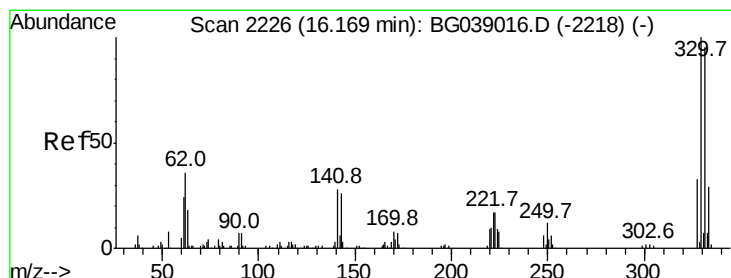
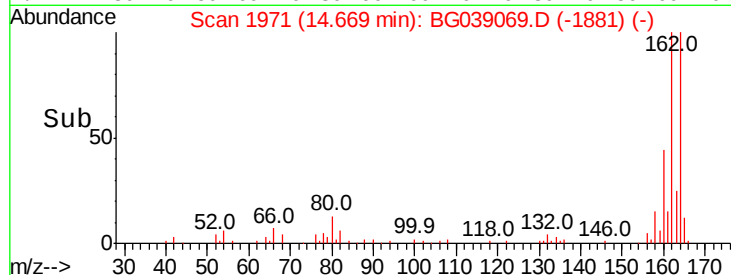
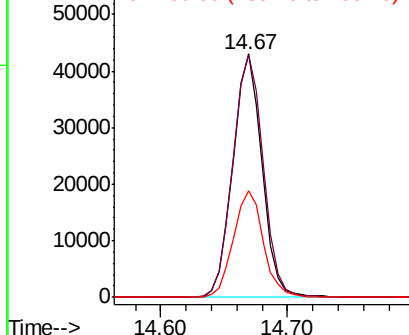
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039069.D
Acq: 11 Jan 2019 1:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 68052
Ion Ratio Lower Upper
164 100
162 99.6 87.2 130.8
160 44.0 33.3 49.9

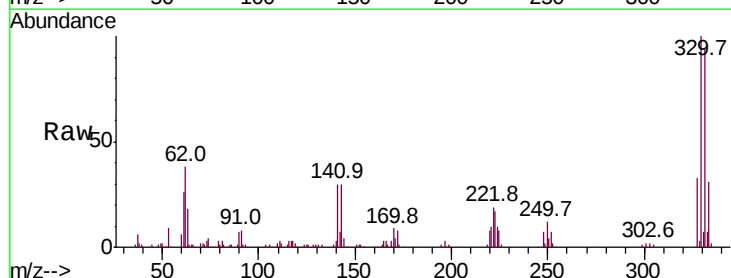


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

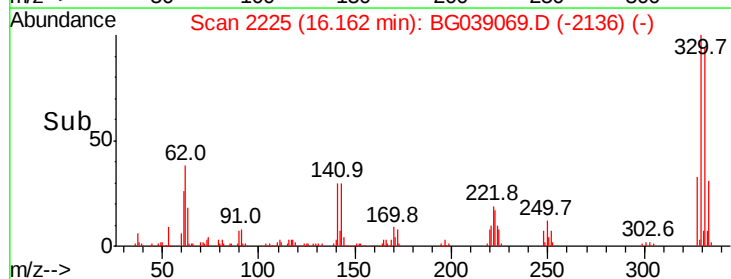
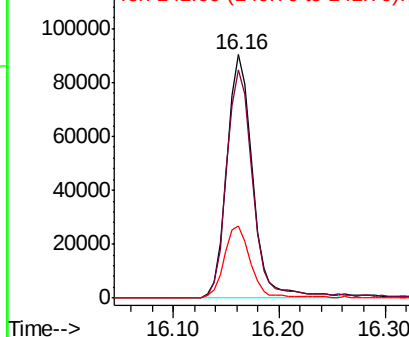


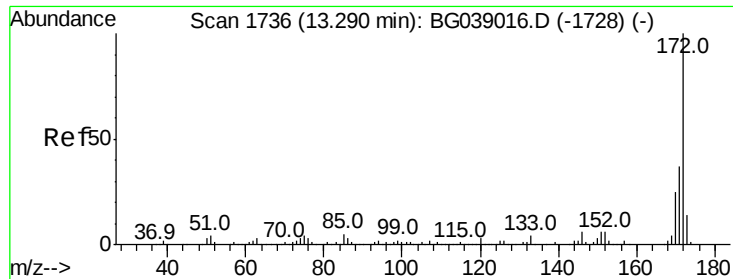
#42
2,4,6-Tribromophenol
Concen: 134.096 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039069.D
Acq: 11 Jan 2019 1:52

Tgt Ion:330 Resp: 152969
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 30.8 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

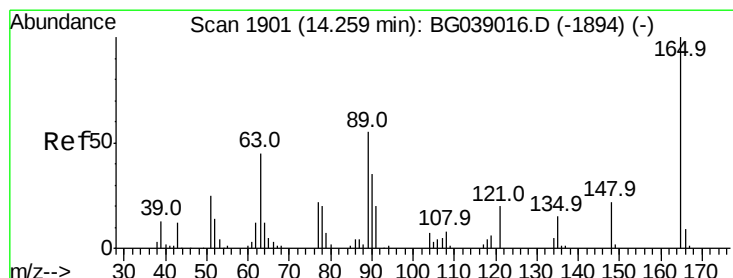
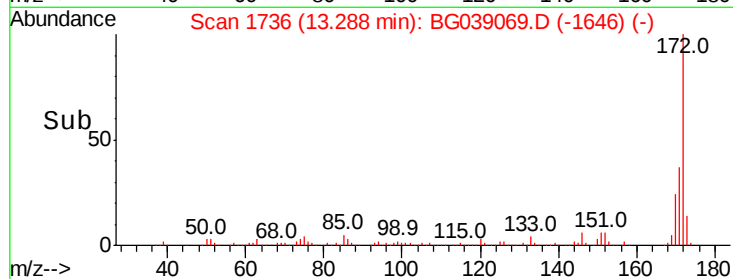
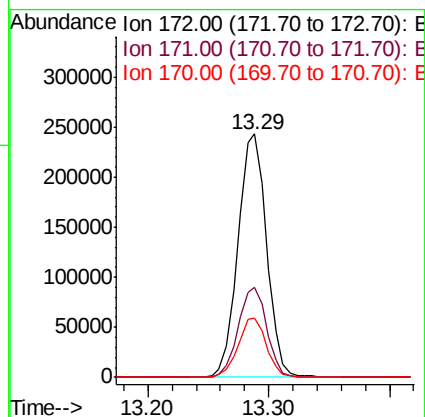
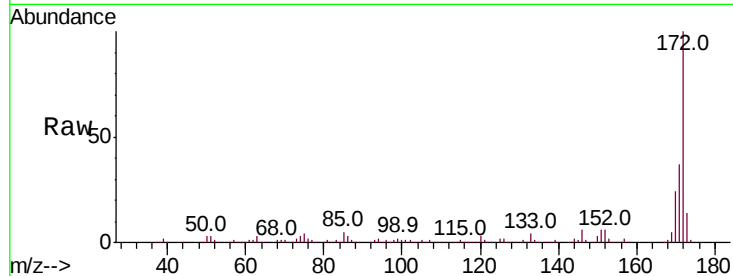




#45
 2-Fluorobiphenyl
 Concen: 81.062 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

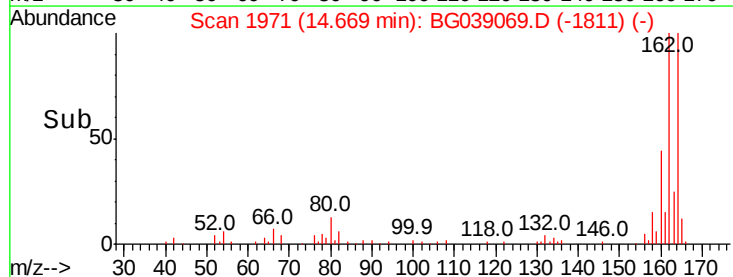
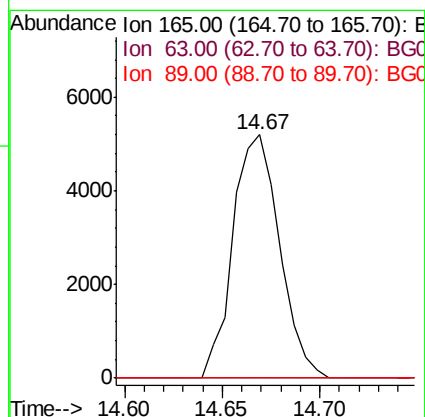
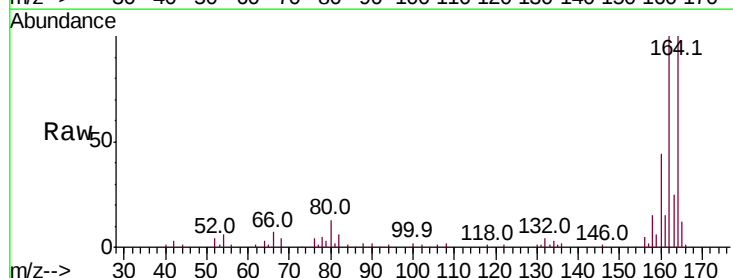
Instrument :
 BNA_G
 ClientSampleId :

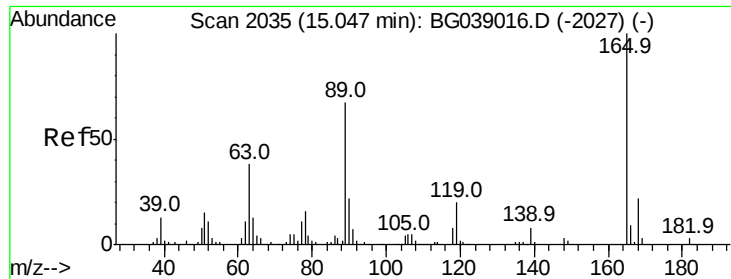
Tot Ion:172 Resp: 403083
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.700 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Tgt Ion:165 Resp: 8614
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

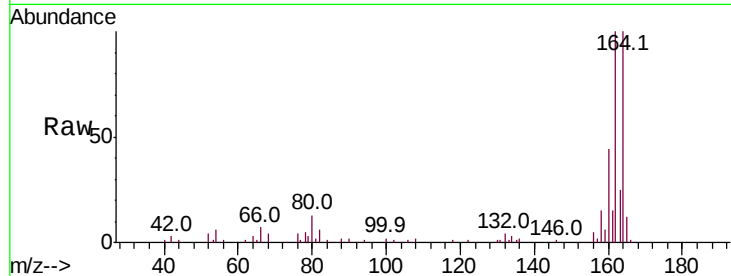




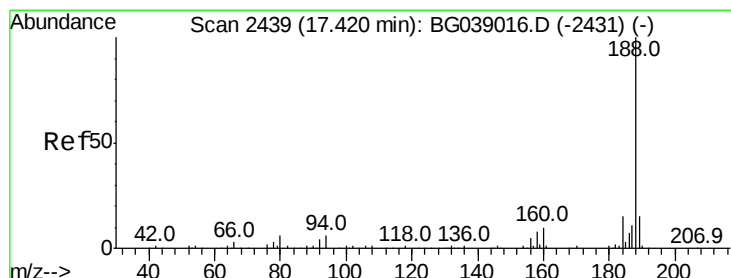
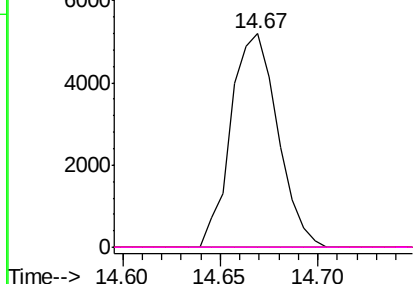
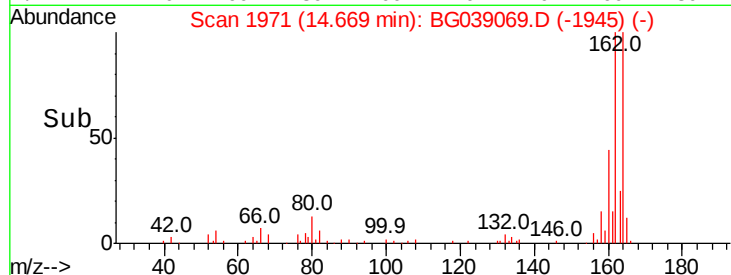
#57
 2,4-Dinitrotoluene
 Concen: 4.670 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 8614
 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#

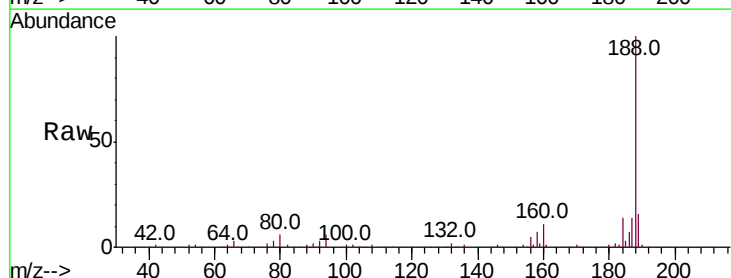


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

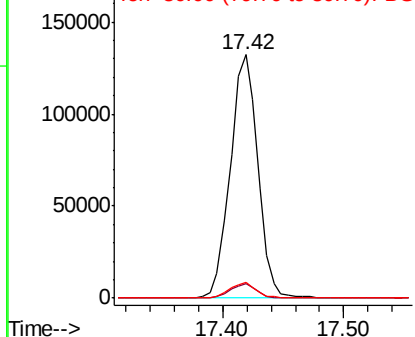
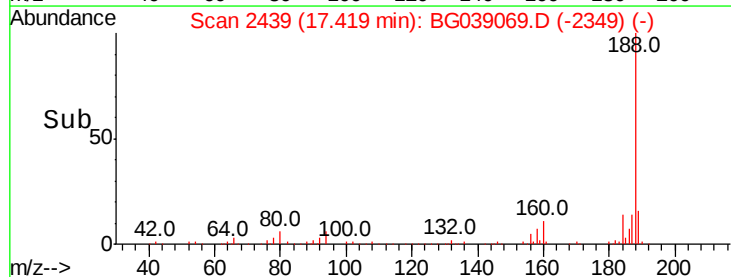


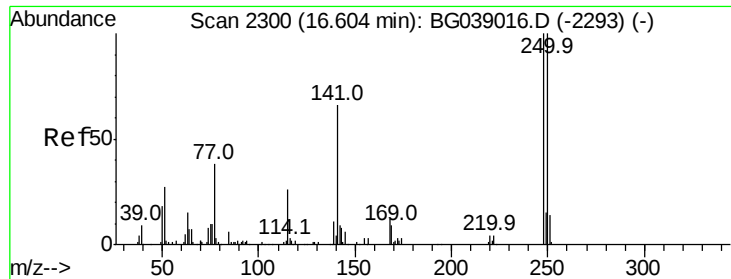
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Tgt Ion:188 Resp: 210386
 Ion Ratio Lower Upper
 188 100
 94 5.9 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): BG
 Ion 80.00 (79.70 to 80.70): BG

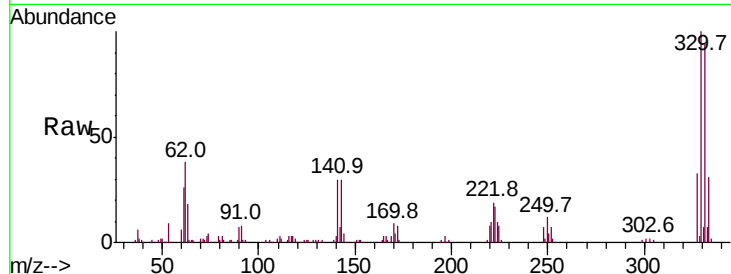




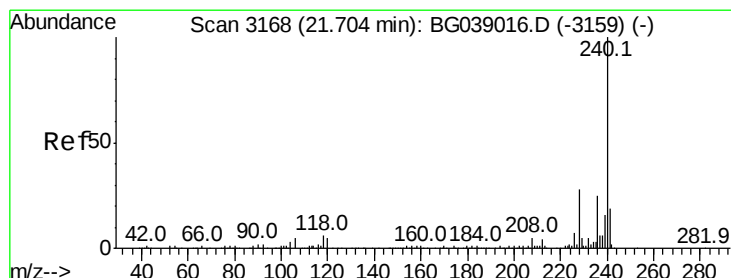
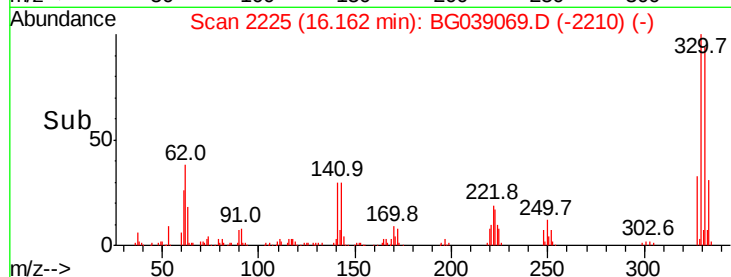
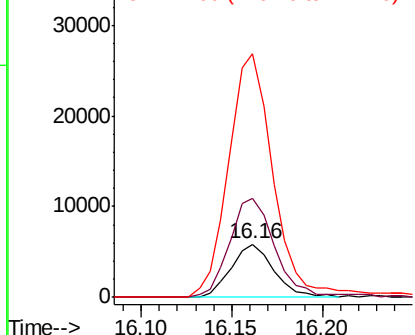
#67
 4-Bromophenyl-phenylether
 Concen: 3.575 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9668
 Ion Ratio Lower Upper
 248 100
 250 192.5 79.9 119.9#
 141 364.8 52.7 79.1#

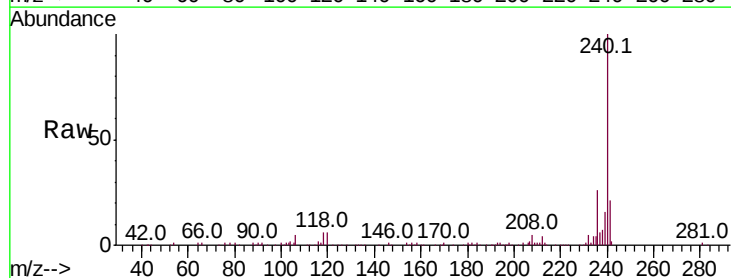


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

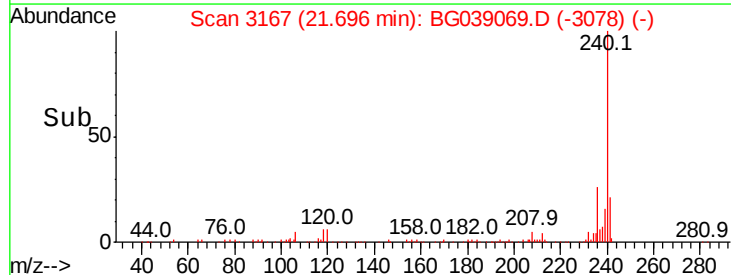
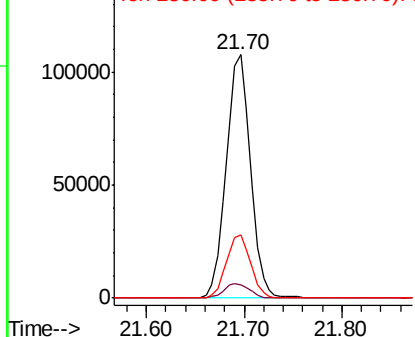


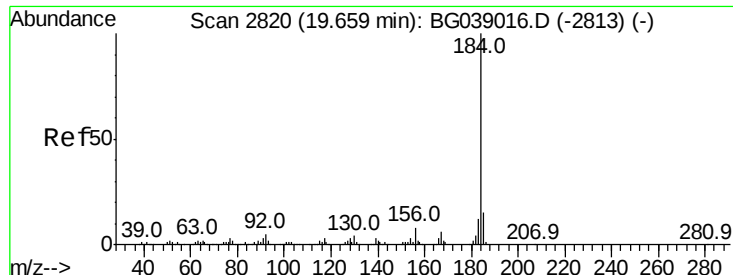
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Tgt Ion:240 Resp: 185872
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.3 6.5
 236 25.7 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: 2.545 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

Instrument :

BNA_G

ClientSampleId :

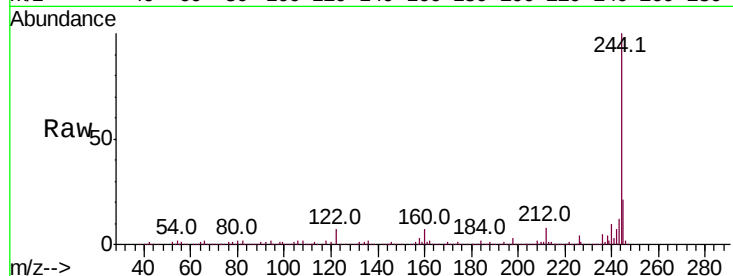
Tot Ion:184 Resp: 14468

Ion Ratio Lower Upper

184 100

185 16.0 12.1 18.1

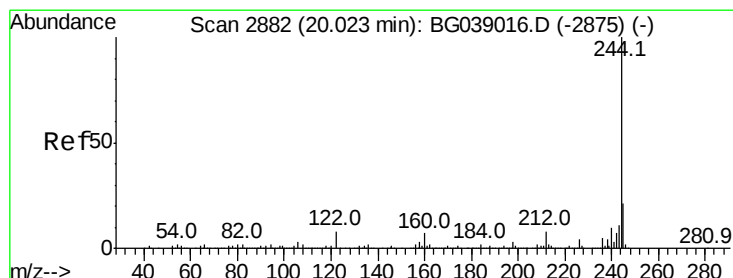
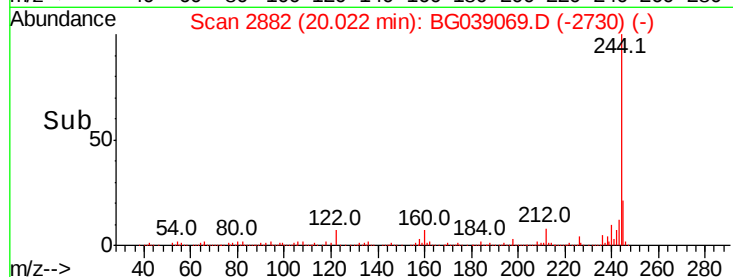
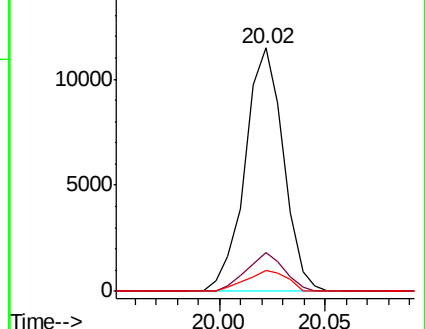
183 8.6 9.5 14.3#



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: 93.944 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039069.D

Acq: 11 Jan 2019 1:52

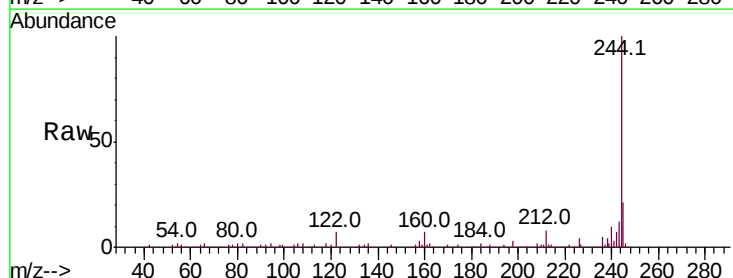
Tgt Ion:244 Resp: 943926

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

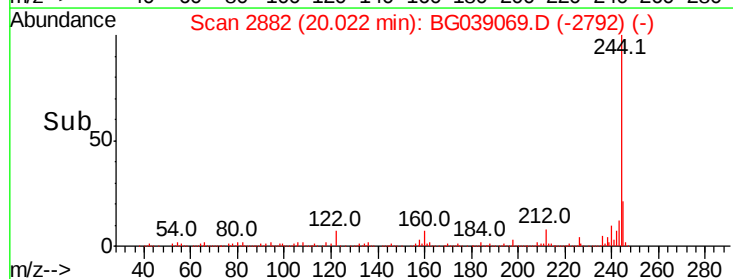
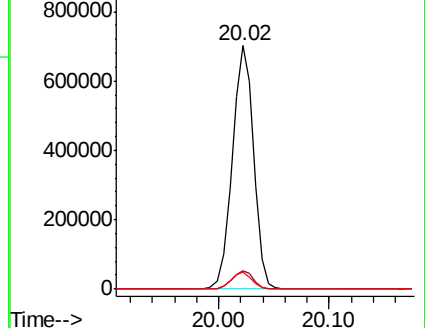
122 7.2 6.1 9.1

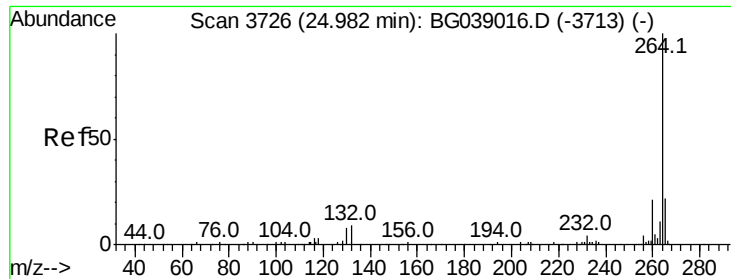


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

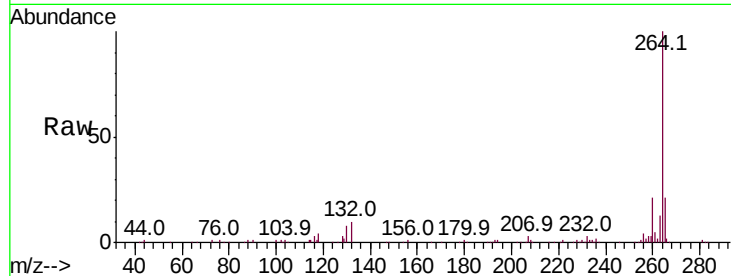




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3725
 Delta R.T. -0.01 min
 Lab File: BG039069.D
 Acq: 11 Jan 2019 1:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.0	25.6
265	20.7	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

