

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039215.D
 Acq On : 18 Jan 2019 14:30
 Operator : JU/SJ
 Sample : PB116467BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BL

Quant Time: Jan 18 16:19:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

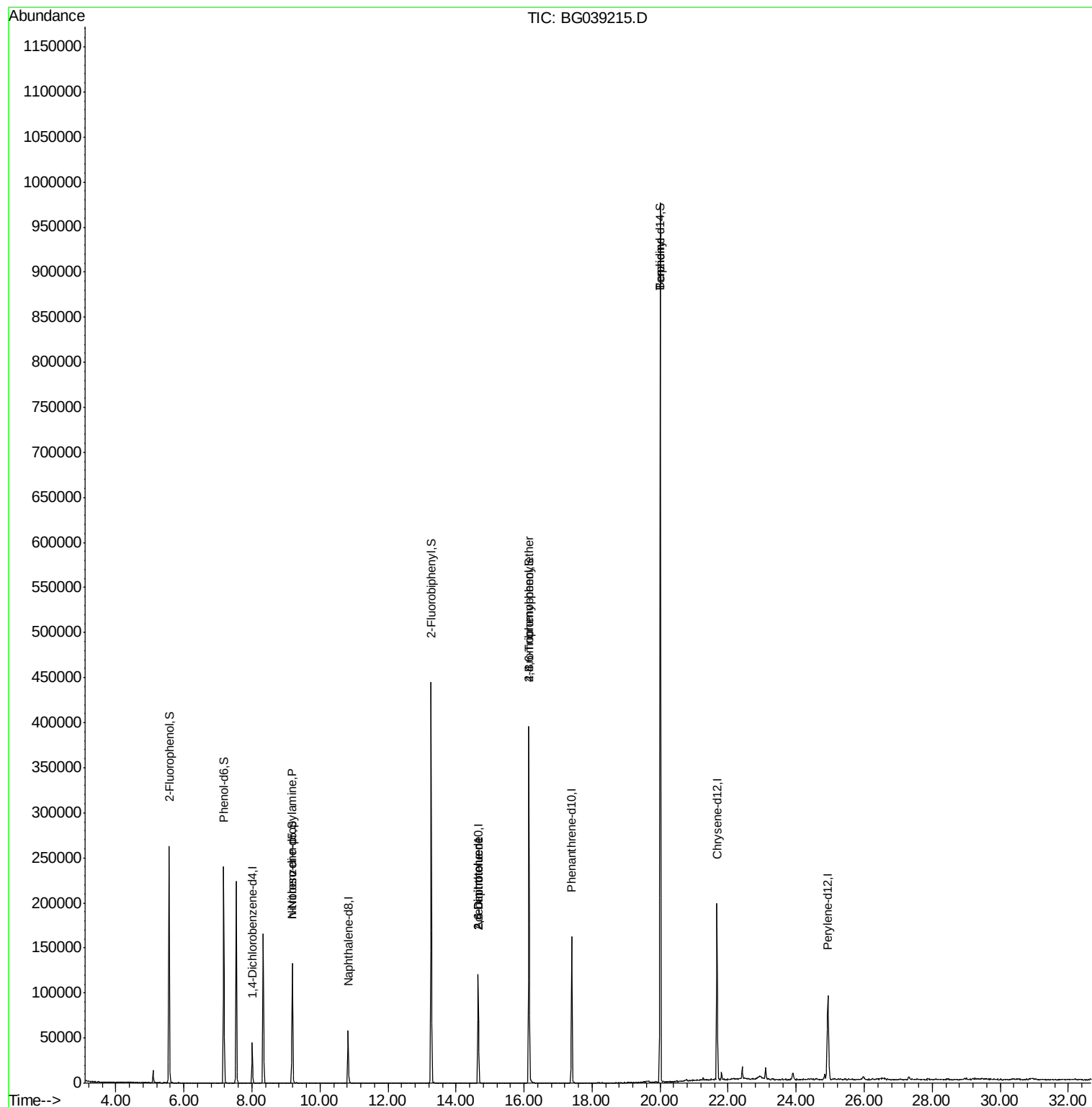
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13431	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	53838	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46673	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	111195	20.00	ng	0.00
76) Chrysene-d12	21.67	240	126852	20.00	ng	0.00
87) Perylene-d12	24.93	264	123719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	119595	168.91	ng	0.00
7) Phenol-d6	7.17	99	138790	136.21	ng	0.00
23) Nitrobenzene-d5	9.18	82	80621	81.94	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	86740	110.87	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	247119	72.46	ng	0.00
79) Terphenyl-d14	20.00	244	518950	75.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	10349	15.467	ng	# 63
51) 2,6-Dinitrotoluene	14.65	165	6016	6.822	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	6016	4.755	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5868	4.105	ng	# 1
77) Benzidine	20.00	184	7858	2.025	ng	# 91

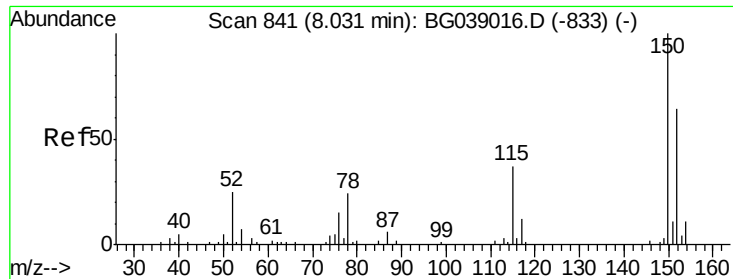
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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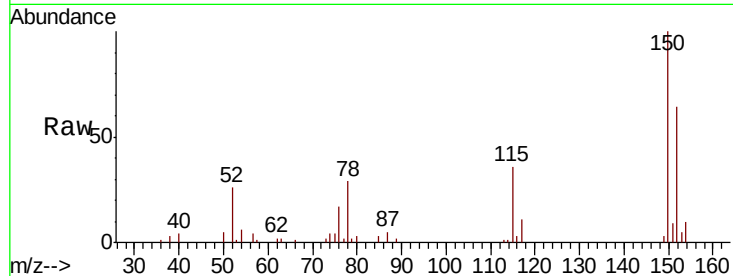


#1

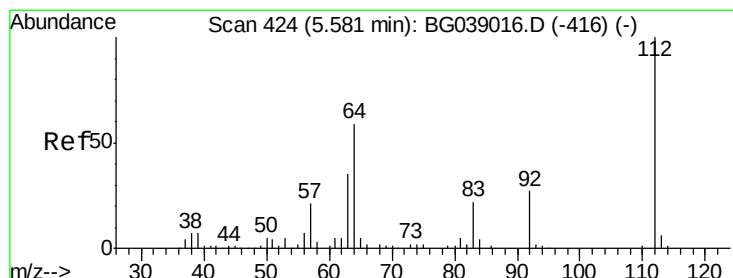
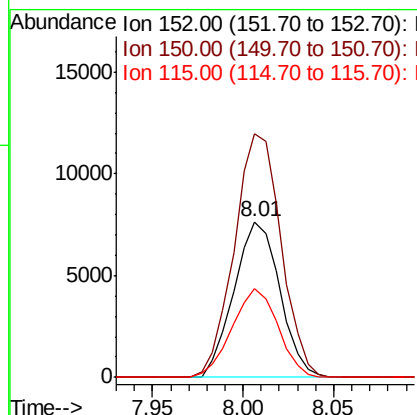
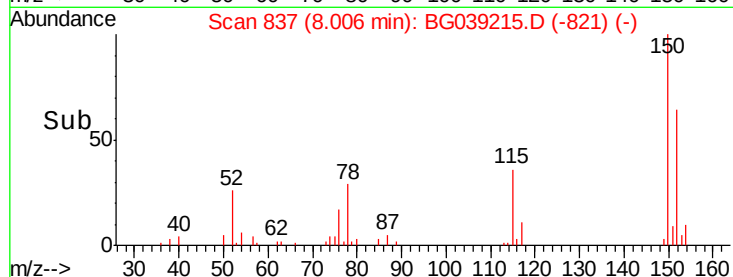
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB116467BL

Tot Ion:152 Resp: 13431
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 57.0 46.5 69.7



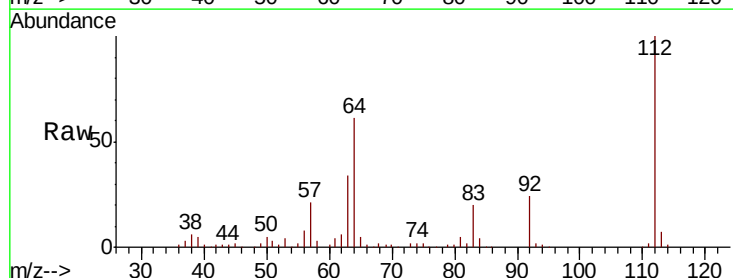
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



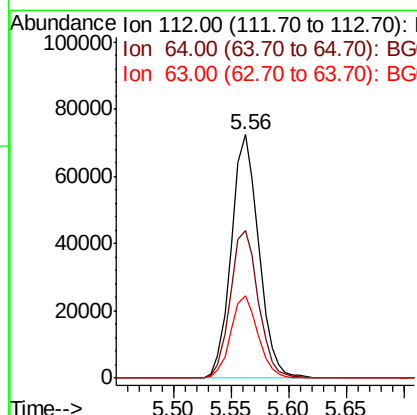
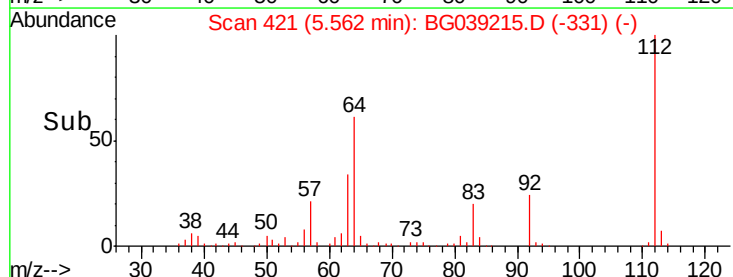
#5

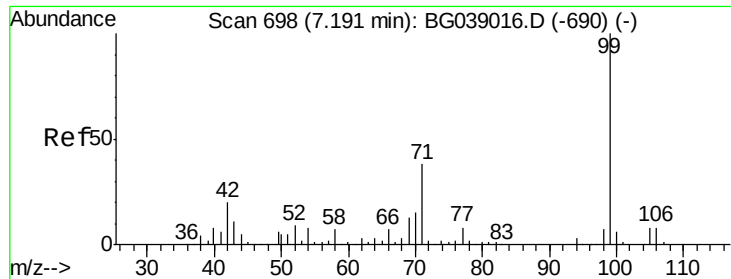
2-Fluorophenol
Concen: 168.915 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Tgt Ion:112 Resp: 119595
Ion Ratio Lower Upper
112 100
64 60.6 47.0 70.6
63 33.8 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: 136.211 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

Instrument :

BNA_G

ClientSampled :

PB116467BL

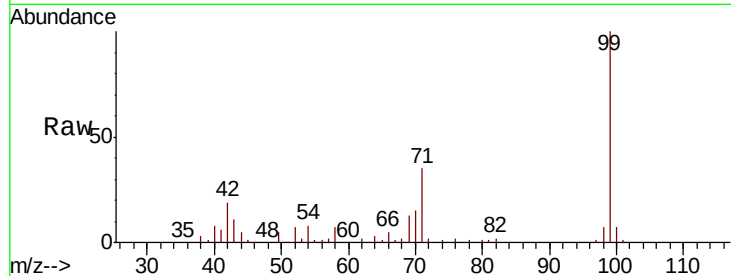
Tot Ion: 99 Resp: 138790

Ion Ratio Lower Upper

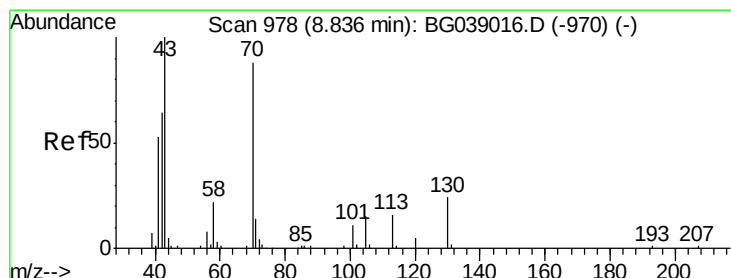
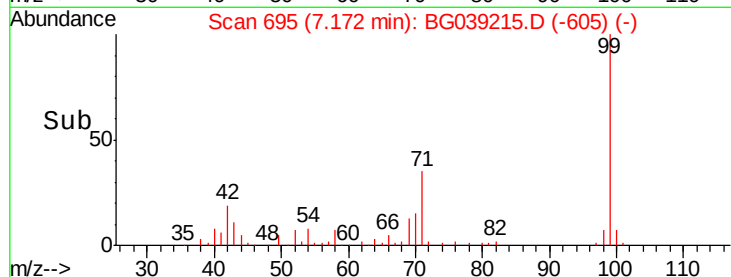
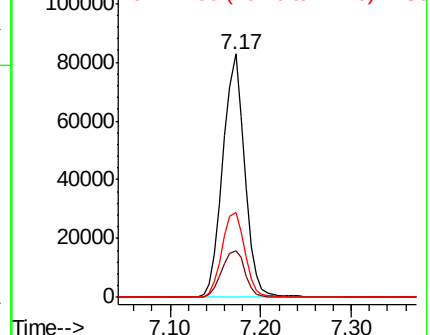
99 100

42 19.2 15.8 23.6

71 34.7 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: 15.467 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.37 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

Tgt Ion: 70 Resp: 10349

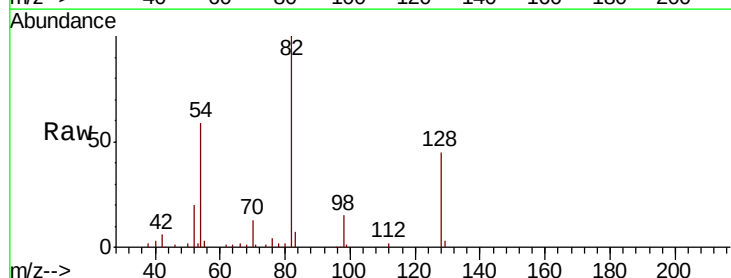
Ion Ratio Lower Upper

70 100

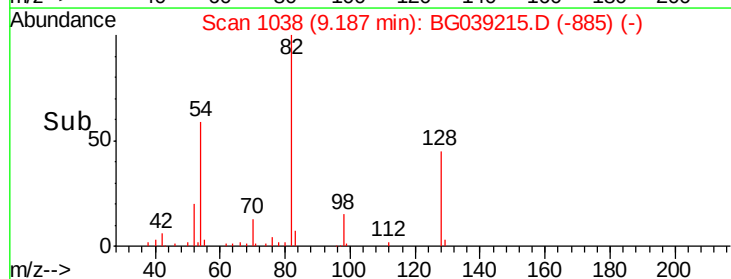
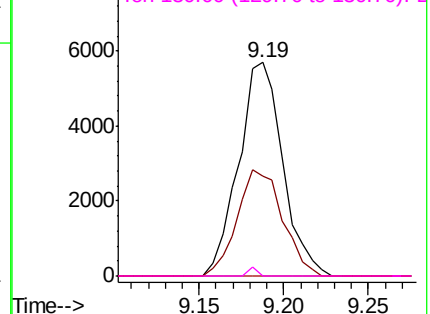
42 47.0 59.0 88.4#

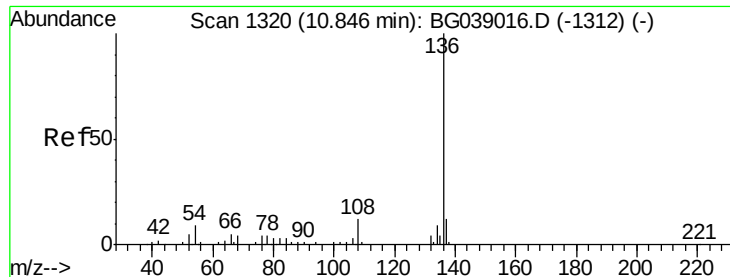
101 0.0 10.4 15.6#

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

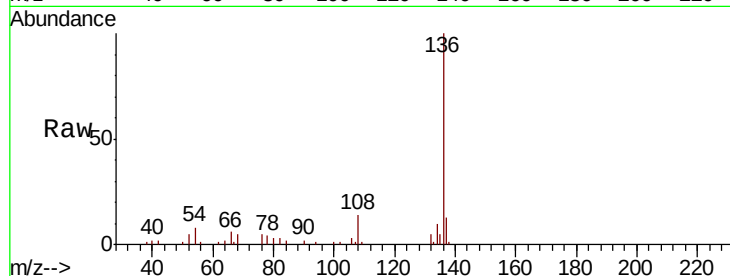




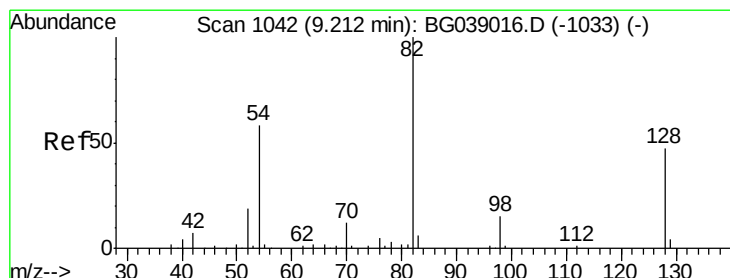
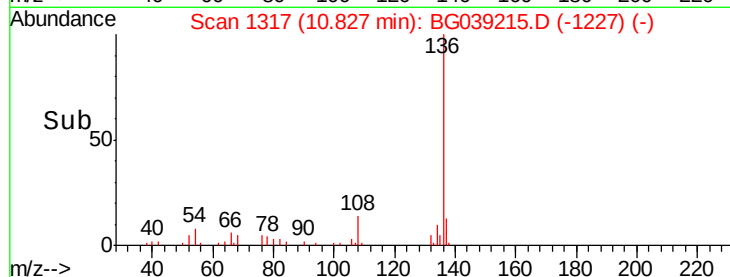
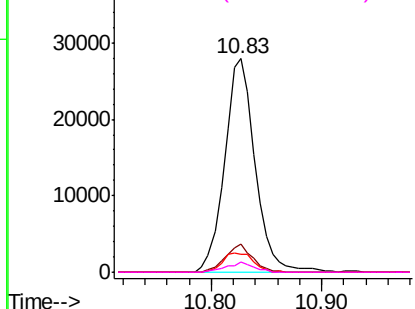
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB116467BL

Tot Ion:136	Resp:	53838
Ion	Ratio	Lower Upper
136	100	
137	13.2	9.4 14.2
54	8.2	7.2 10.8
68	4.7	3.5 5.3

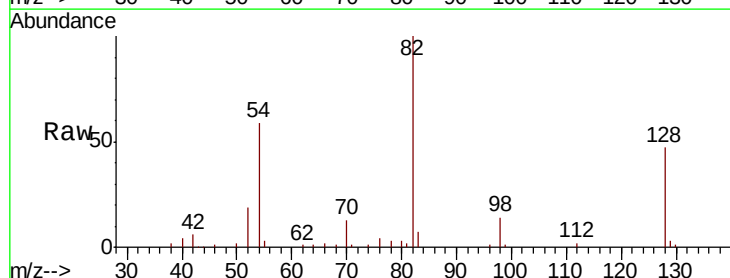


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

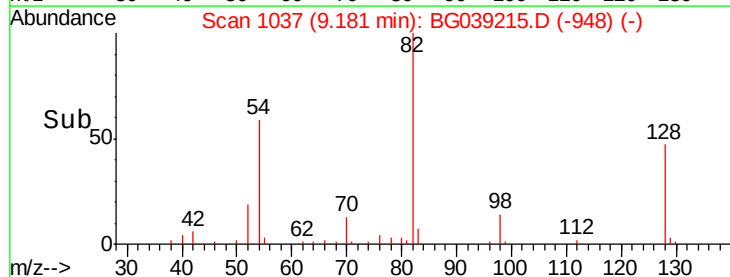
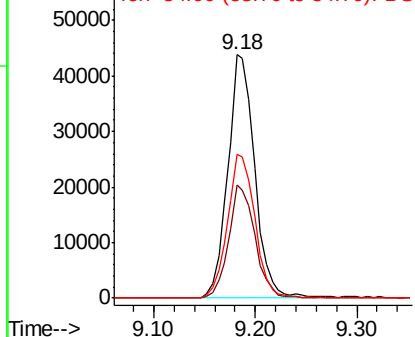


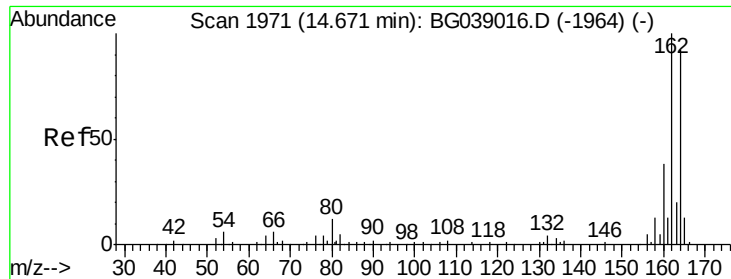
#23
Nitrobenzene-d5
Concen: 81.941 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Tgt Ion: 82	Resp:	80621
Ion	Ratio	Lower Upper
82	100	
128	46.7	37.3 55.9
54	58.8	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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

Instrument :

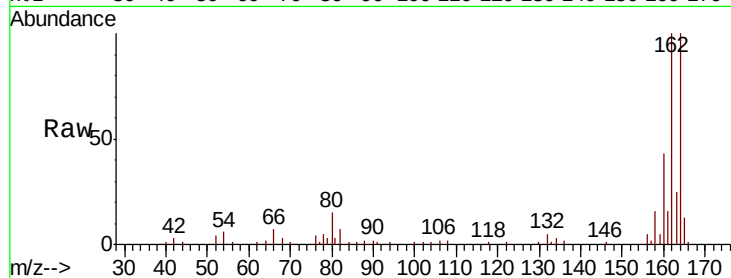
BNA_G

ClientSampleId :

PB116467BL

Tot Ion:164 Resp: 46673

Ion	Ratio	Lower	Upper
164	100		
162	100.2	87.2	130.8
160	43.4	33.3	49.9

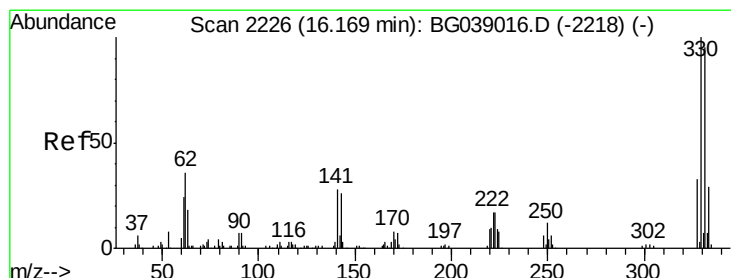
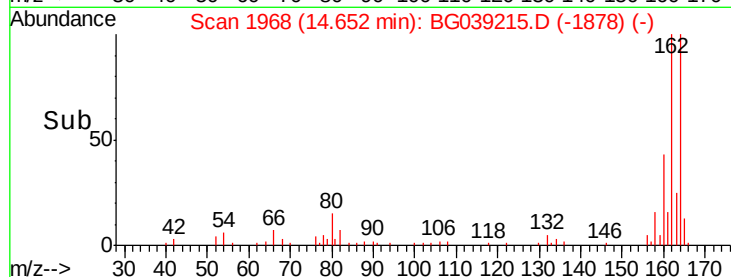
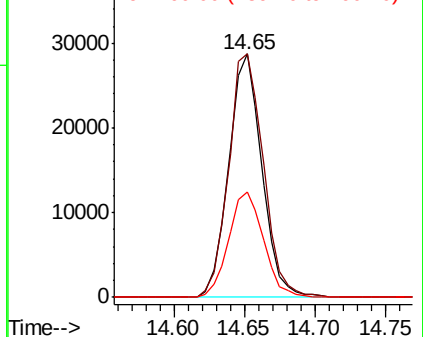


Abundance

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: 110.868 ng

RT: 16.14 min Scan# 2222

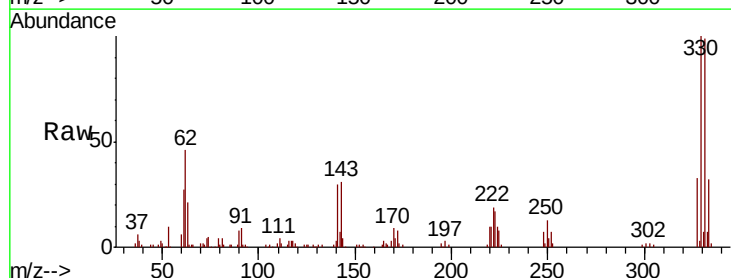
Delta R.T. -0.01 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

Tgt Ion:330 Resp: 86740

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	31.1	24.9	37.3

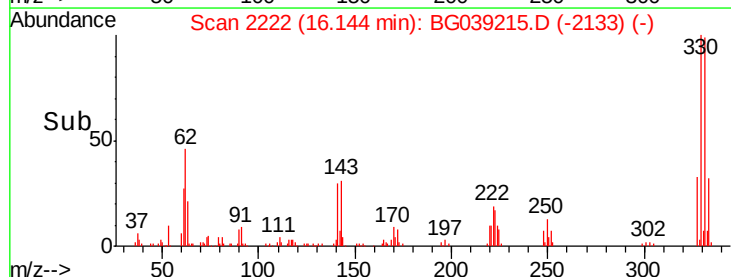
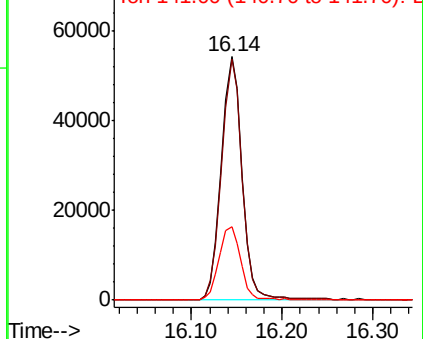


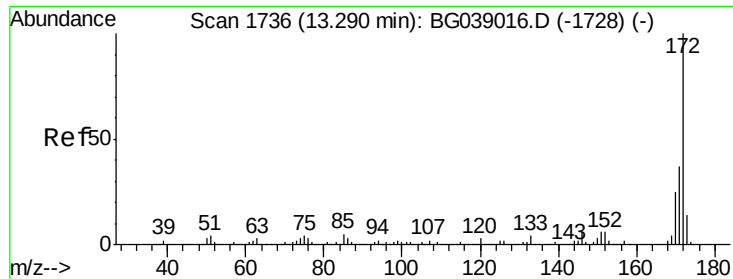
Abundance

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

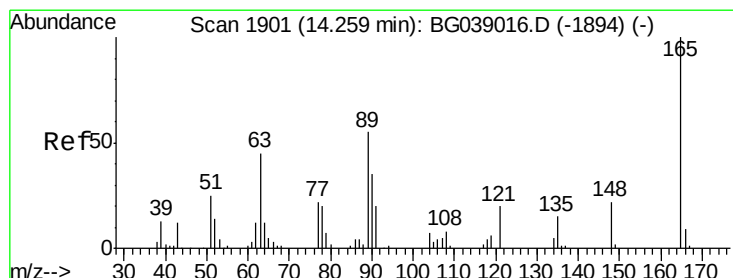
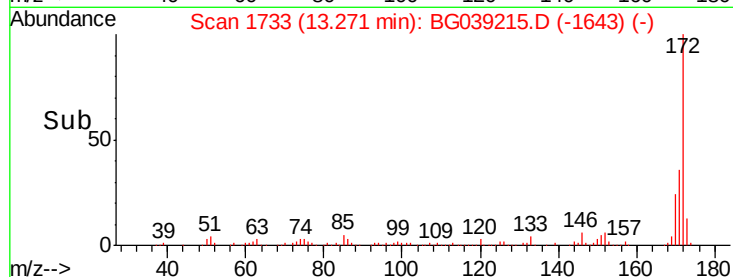
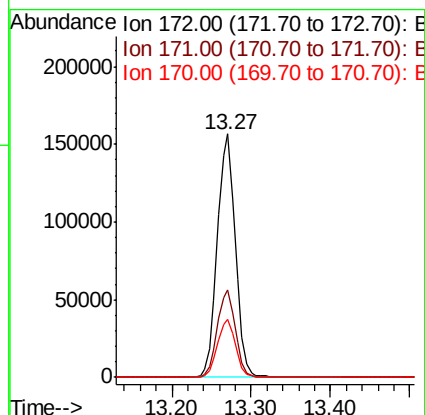
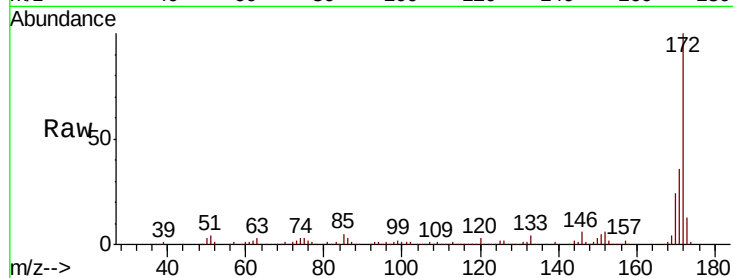




#45
 2-Fluorobiphenyl
 Concen: 72.461 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039215.D
 Acq: 18 Jan 2019 14:30

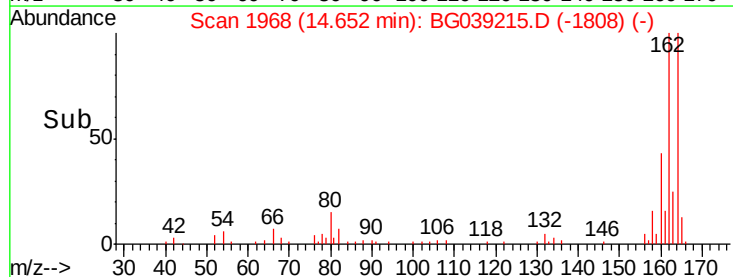
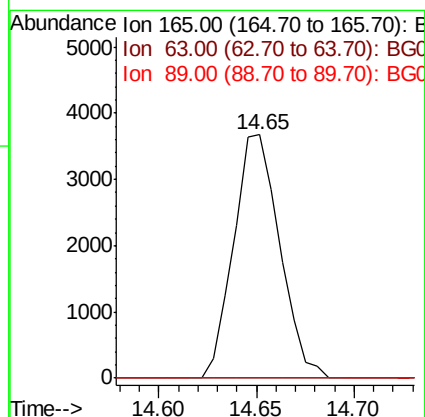
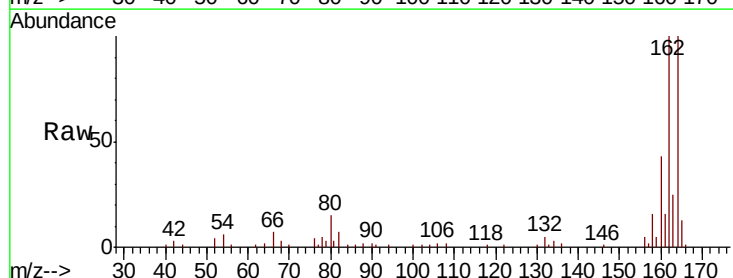
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BL

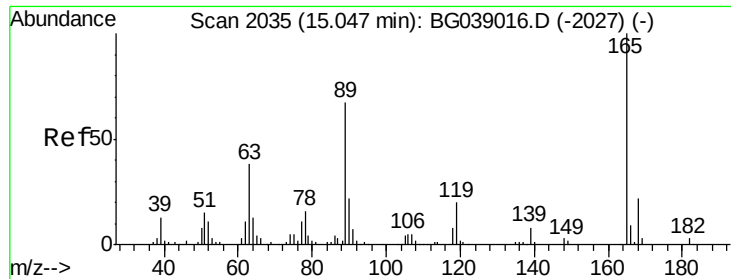
Tot Ion:172 Resp: 247119
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.0 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.822 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.41 min
 Lab File: BG039215.D
 Acq: 18 Jan 2019 14:30

Tgt Ion:165 Resp: 6016
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

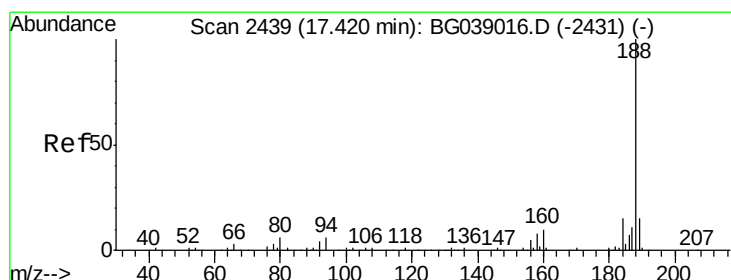
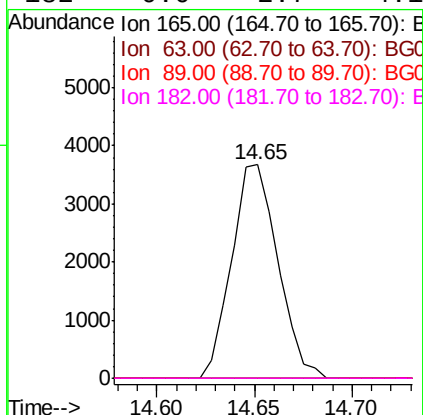
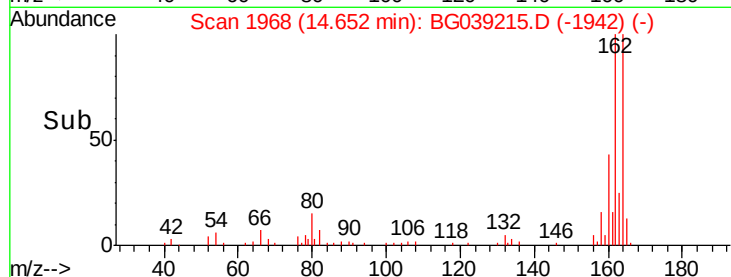
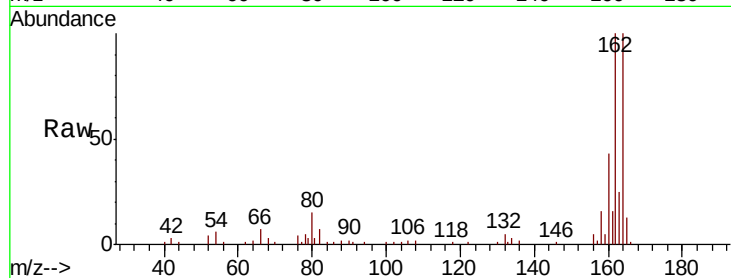




#57
 2,4-Dinitrotoluene
 Concen: 4.755 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.38 min
 Lab File: BG039215.D
 Acq: 18 Jan 2019 14:30

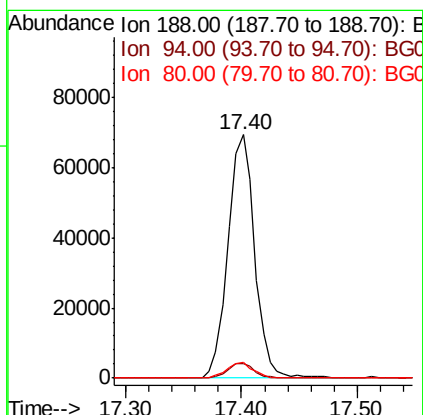
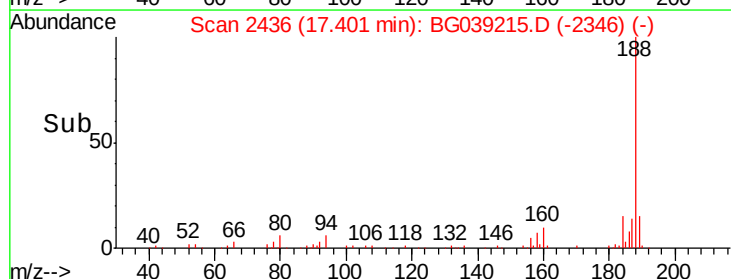
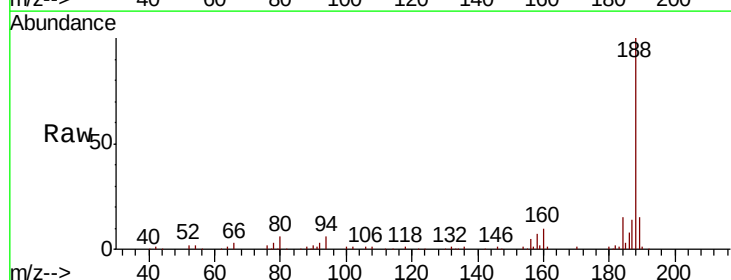
Instrument :
 BNA_G
 ClientSampleId :
 PB116467BL

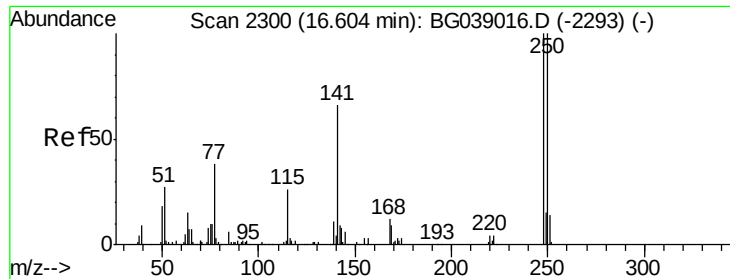
Tot Ion:165 Resp: 6016
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG039215.D
 Acq: 18 Jan 2019 14:30

Tgt Ion:188 Resp: 111195
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.0 7.4
 80 6.4 4.7 7.1

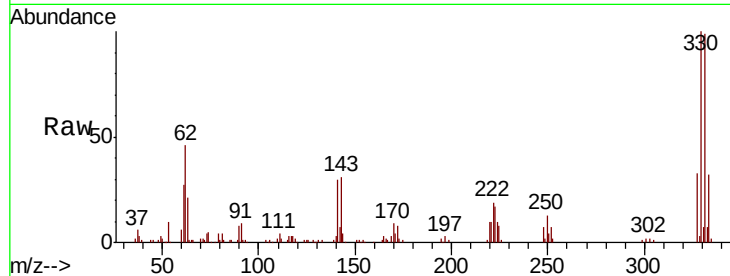




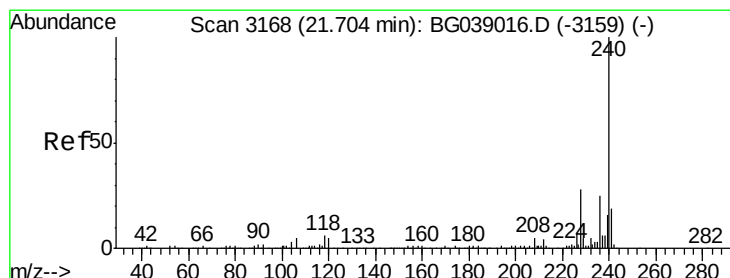
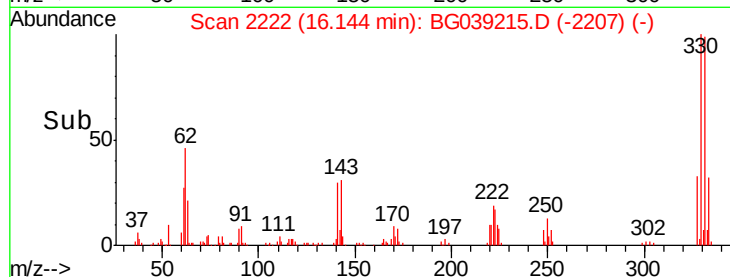
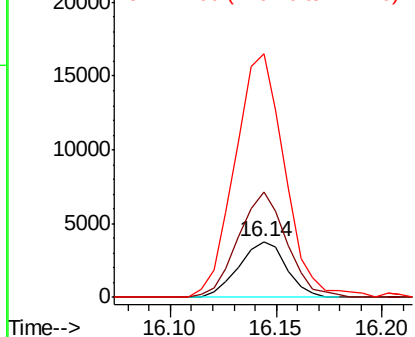
#67
4-Bromophenyl-phenylether
Concen: 4.105 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB116467BL

Tot Ion:248 Resp: 5868
Ion Ratio Lower Upper
248 100
250 188.8 79.9 119.9#
141 340.1 52.7 79.1#

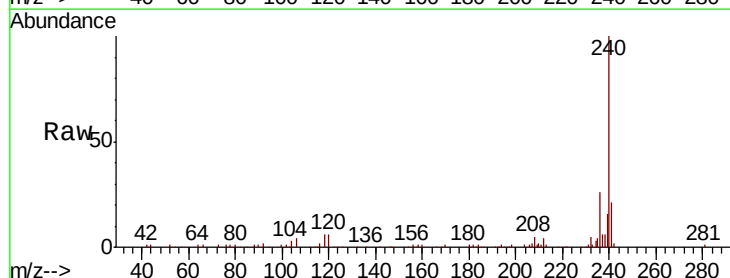


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

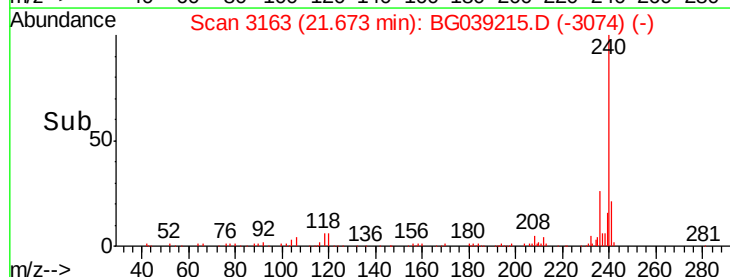
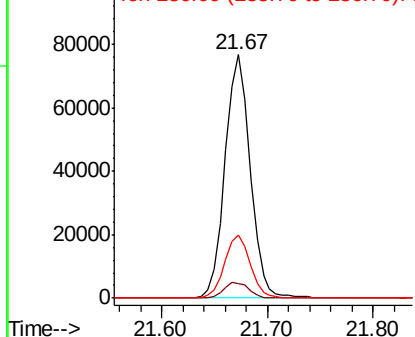


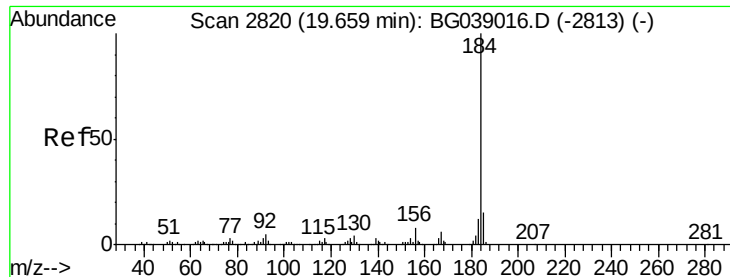
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039215.D
Acq: 18 Jan 2019 14:30

Tgt Ion:240 Resp: 126852
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 25.8 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: 2.025 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.36 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB116467BL

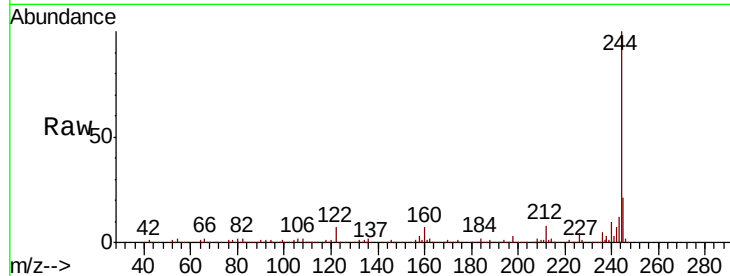
Tot Ion:184 Resp: 7858

Ion Ratio Lower Upper

184 100

185 19.3 12.1 18.1#

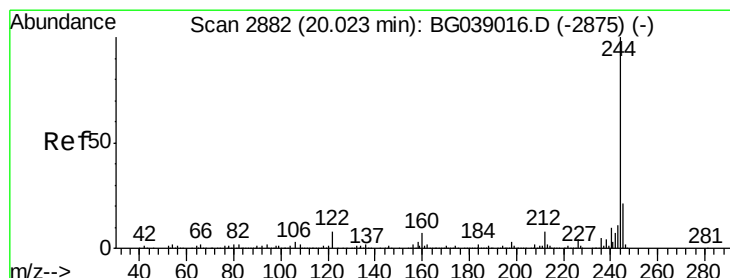
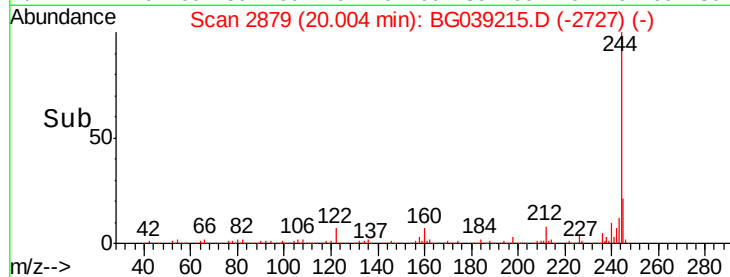
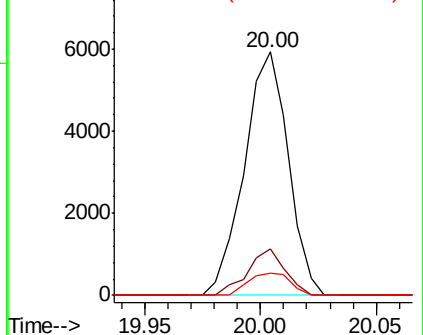
183 9.4 9.5 14.3#



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: 75.679 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039215.D

Acq: 18 Jan 2019 14:30

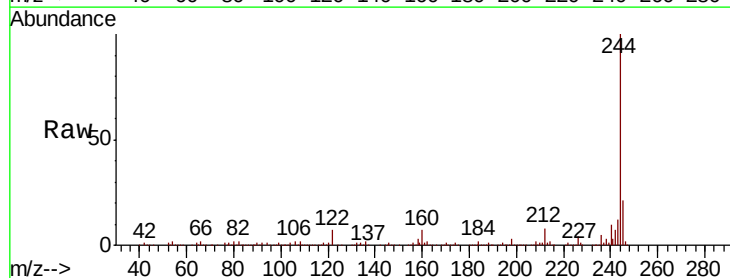
Tgt Ion:244 Resp: 518950

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

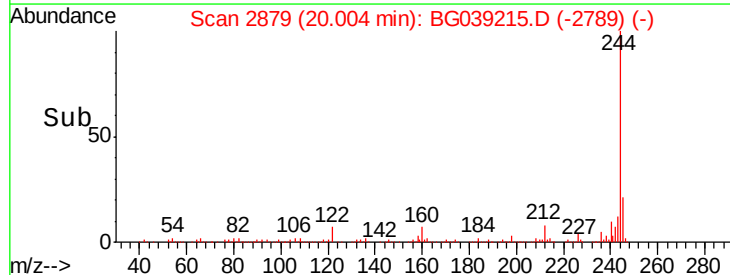
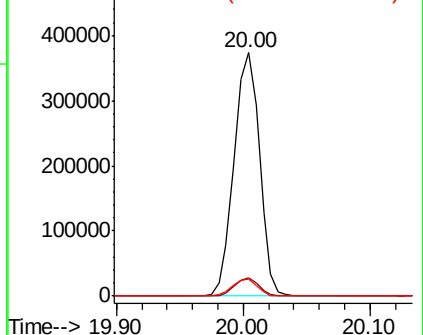
122 6.8 6.1 9.1

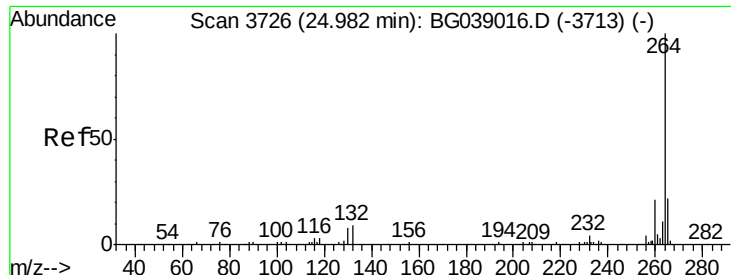


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

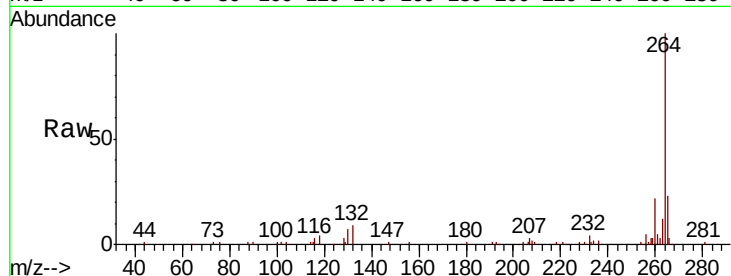




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039215.D
 Acq: 18 Jan 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB116467BL

Tot Ion:	264	Resp:	123719
Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	22.8	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

