

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036429.D
 Acq On : 27 Aug 2018 13:28
 Operator : JU/SJ
 Sample : J4612-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 14:05:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

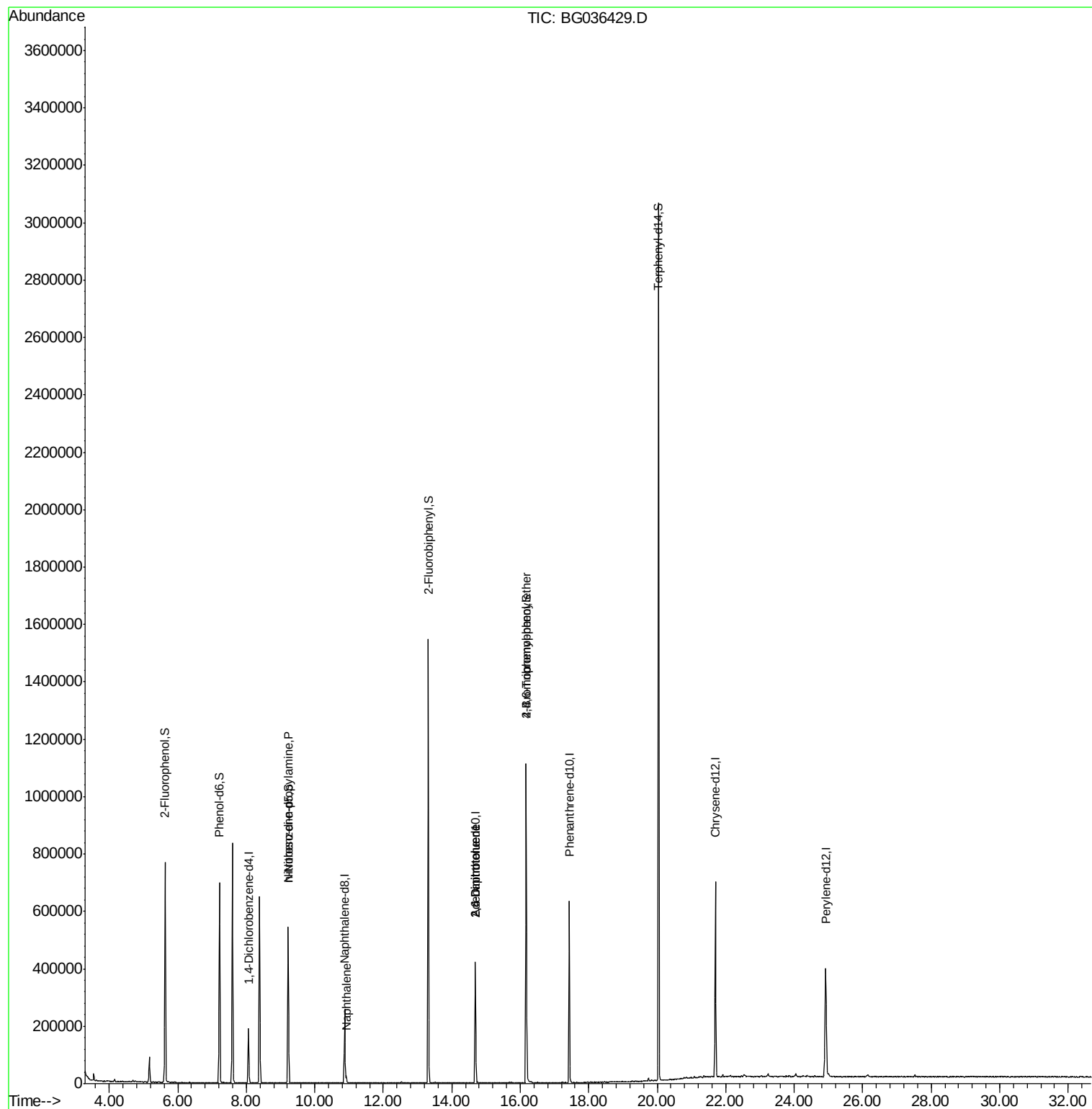
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52160	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218422	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	148009	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	391529	20.00	ng	0.00
75) Chrysene-d12	21.70	240	422284	20.00	ng	0.00
86) Perylene-d12	24.92	264	419761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316972	96.40	ng	0.00
7) Phenol-d6	7.22	99	387049	82.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	320426	79.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	199950	113.22	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	776603	74.92	ng	0.00
78) Terphenyl-d14	20.04	244	1419773	78.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42344	12.035	ng	# 74
31) Naphthalene	10.93	128	23370	2.140	ng	# 98
50) 2,6-Dinitrotoluene	14.69	165	18554	7.461	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	18554	5.724	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	14127	3.082	ng	# 1

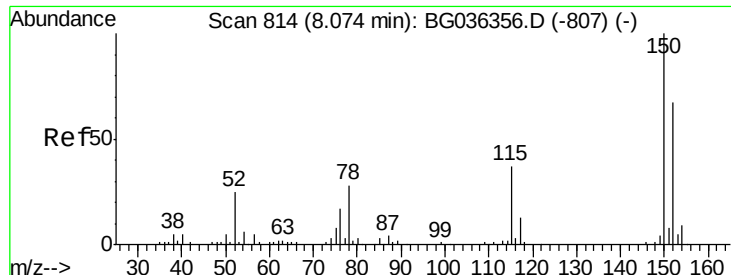
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
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QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

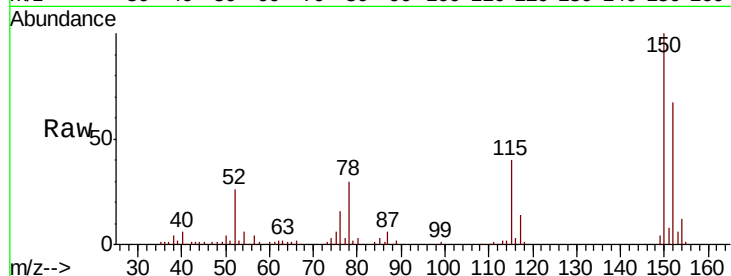
Tot Ion:152 Resp: 52160

Ion Ratio Lower Upper

152 100

150 148.8 119.5 179.3

115 60.2 44.5 66.7

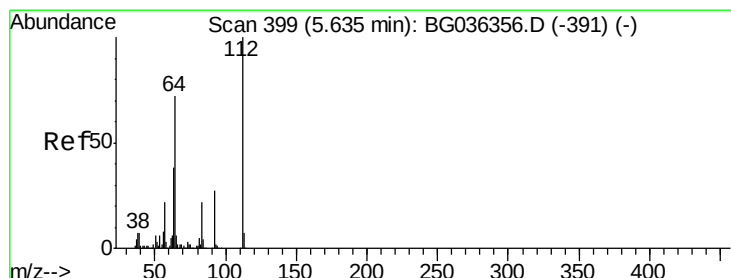
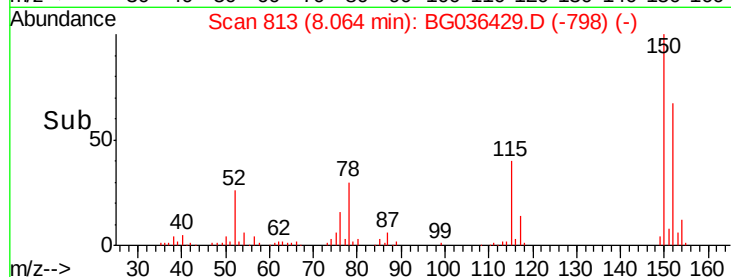
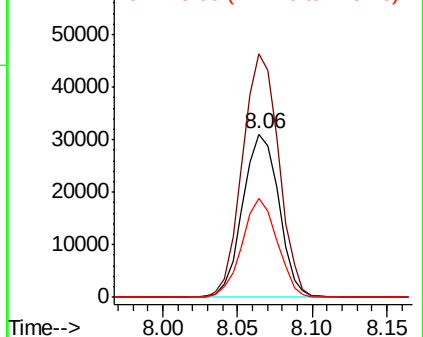


Abundance

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: 96.398 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

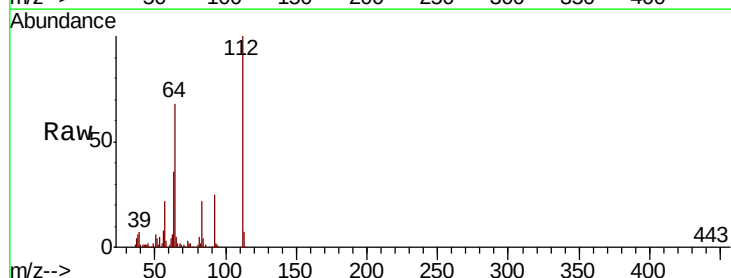
Tgt Ion:112 Resp: 316972

Ion Ratio Lower Upper

112 100

64 68.2 57.2 85.8

63 36.3 30.8 46.2

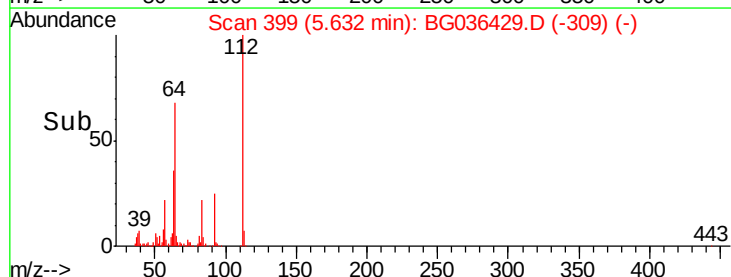
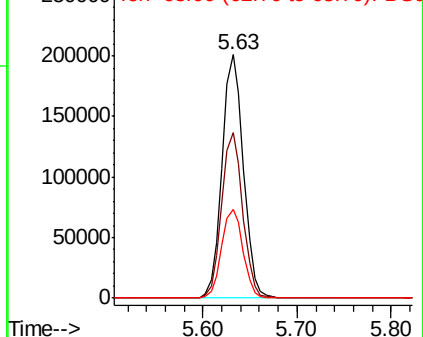


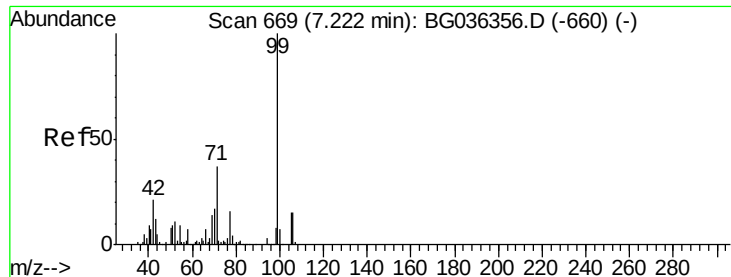
Abundance

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: 82.214 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

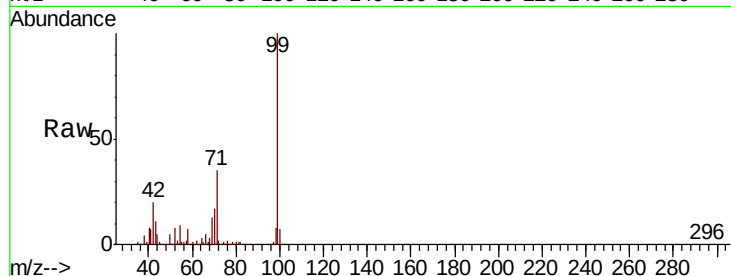
Tot Ion: 99 Resp: 387049

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 34.8 29.4 44.2

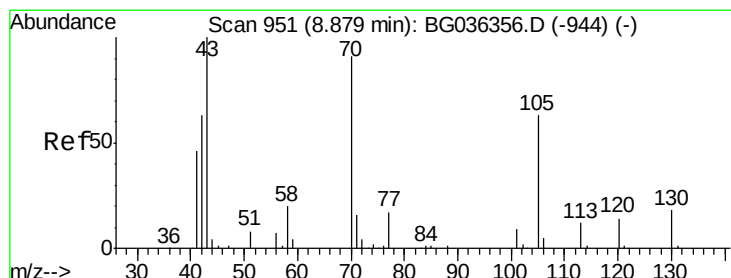
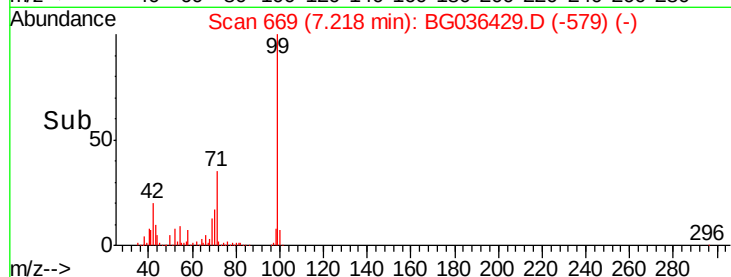
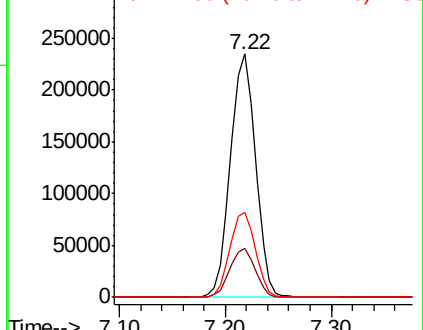


Abundance

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: 12.035 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Tgt Ion: 70 Resp: 42344

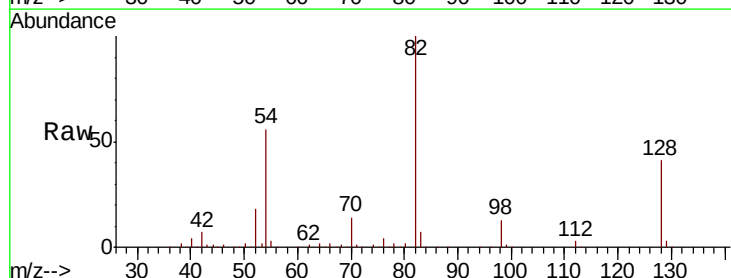
Ion Ratio Lower Upper

70 100

42 51.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



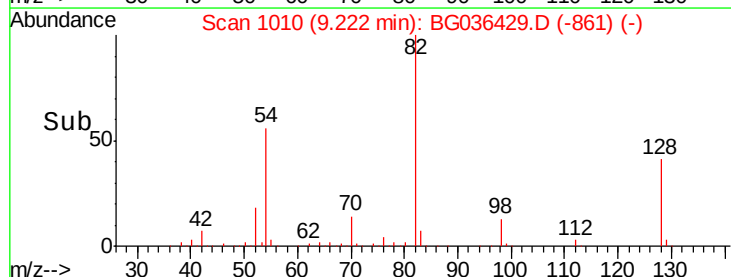
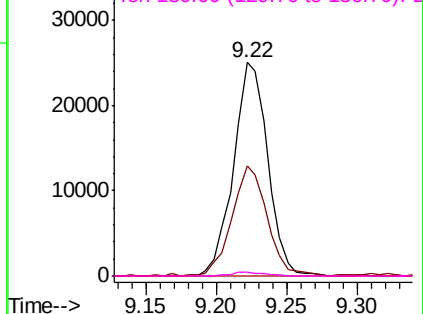
Abundance

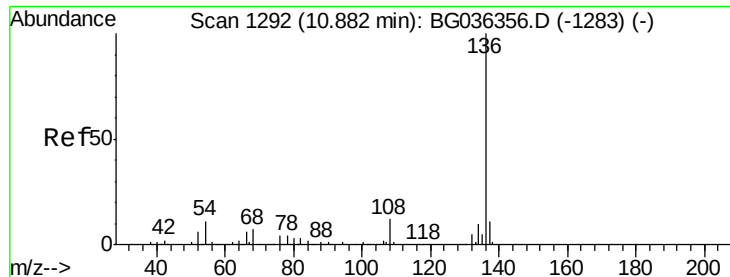
Ion 70.00 (69.70 to 70.70): BGC

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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 218422

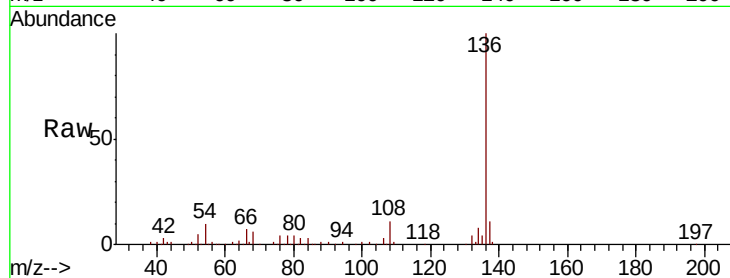
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.6 9.2 13.8

68 5.9 5.8 8.6

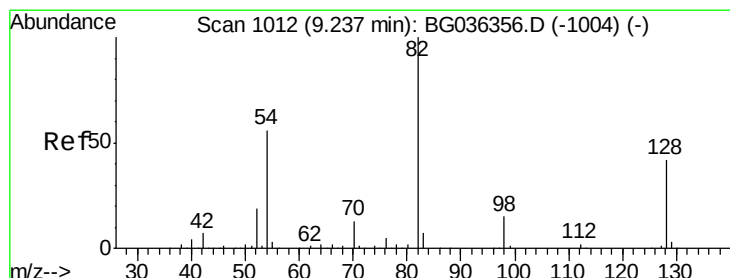
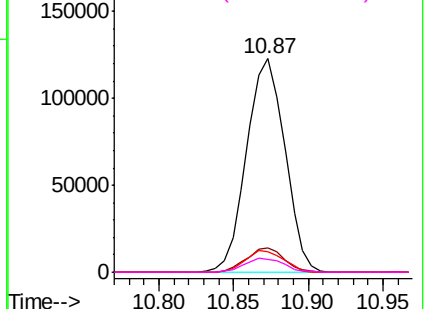
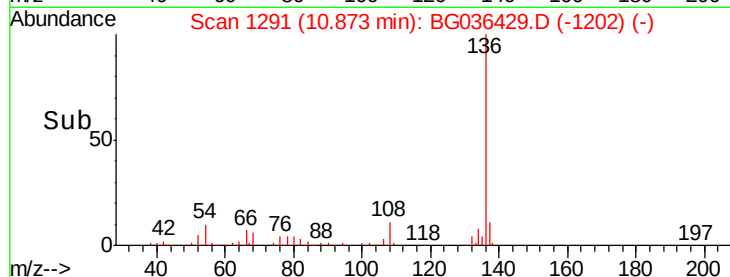


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.595 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

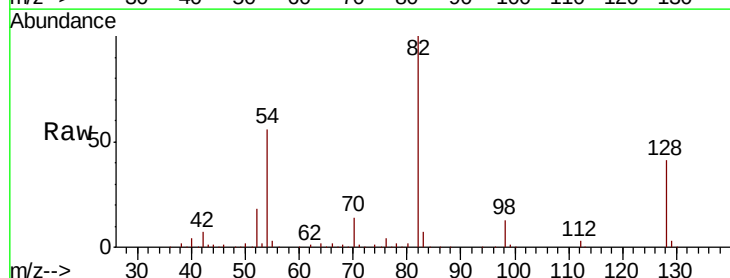
Tgt Ion: 82 Resp: 320426

Ion Ratio Lower Upper

82 100

128 41.2 33.3 49.9

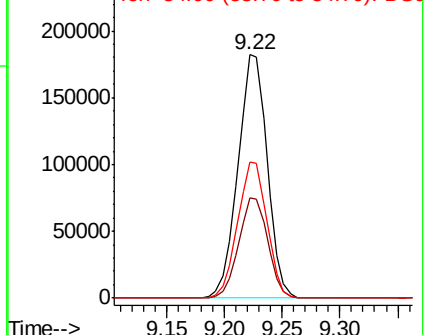
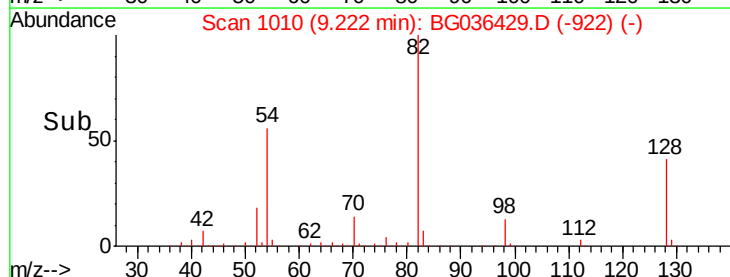
54 55.9 45.1 67.7

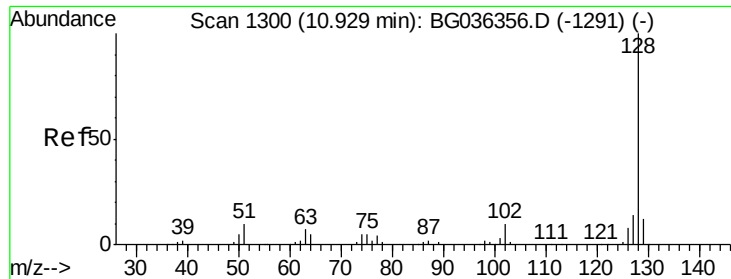


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

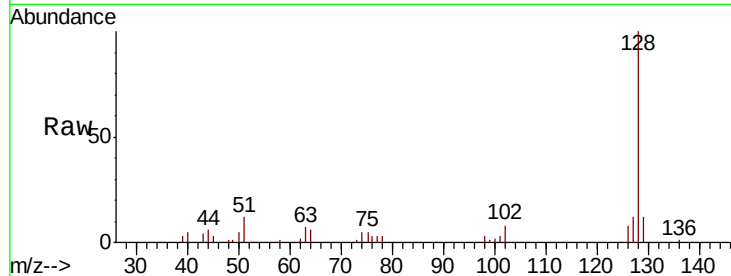




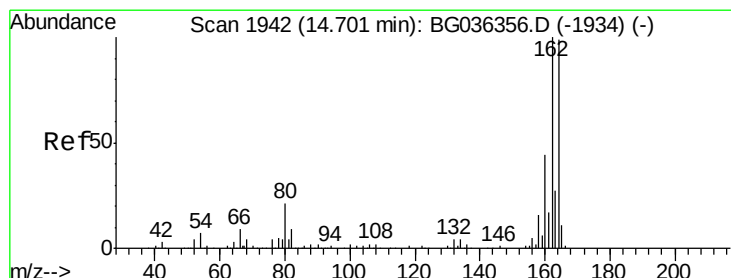
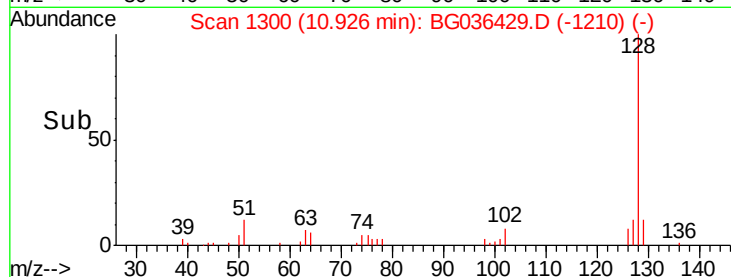
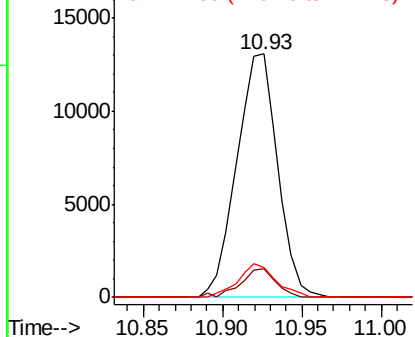
#31
Naphthalene
Concen: 2.140 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 23370
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 12.2 11.0 16.4

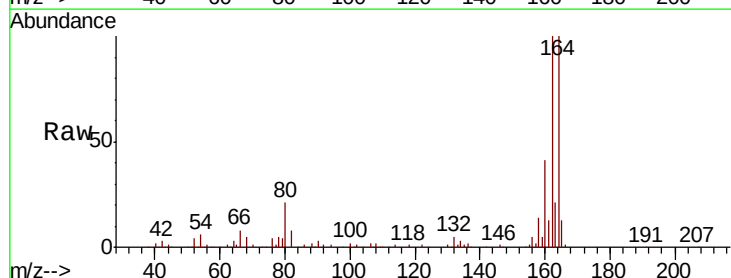


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

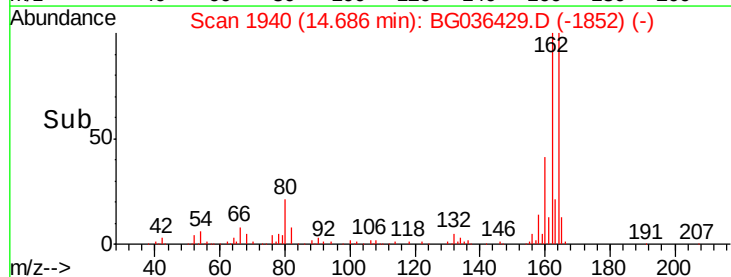
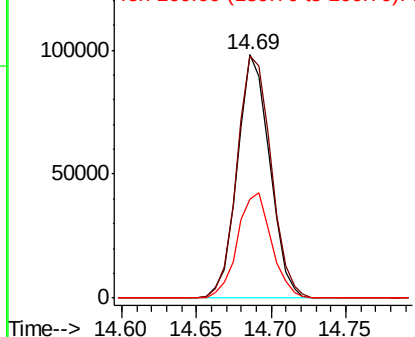


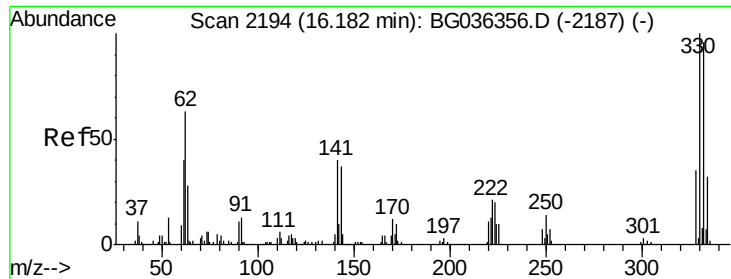
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Tgt Ion:164 Resp: 148009
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 40.9 35.3 52.9



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

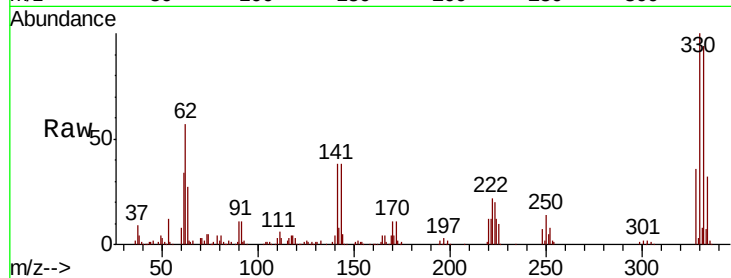




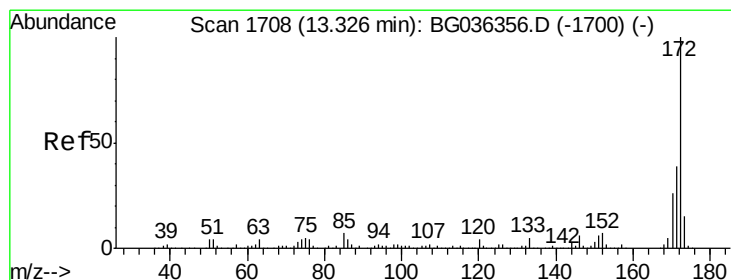
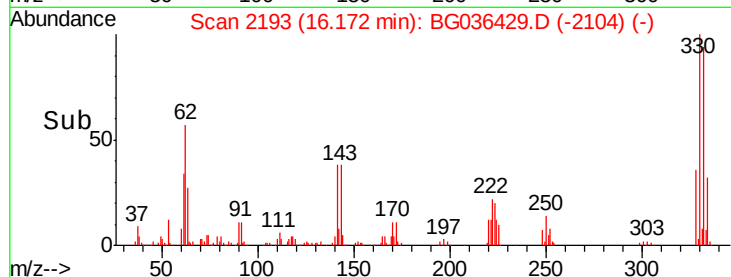
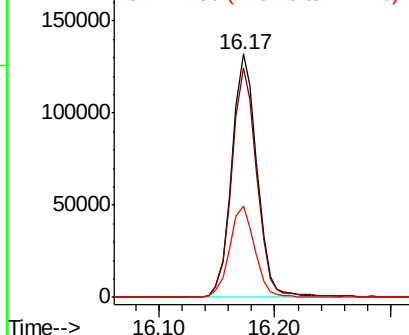
#41
 2,4,6-Tribromophenol
 Concen: 113.217 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.7	30.7	46.1

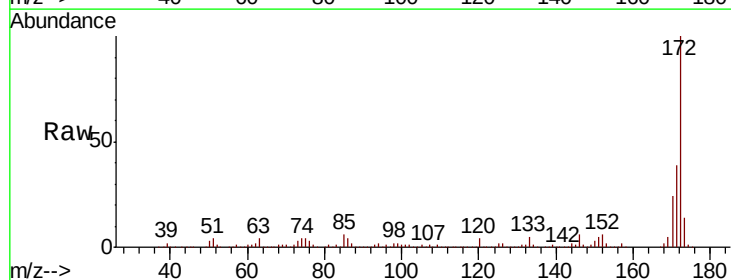


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

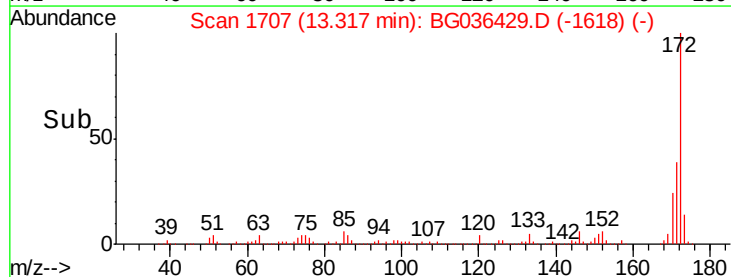
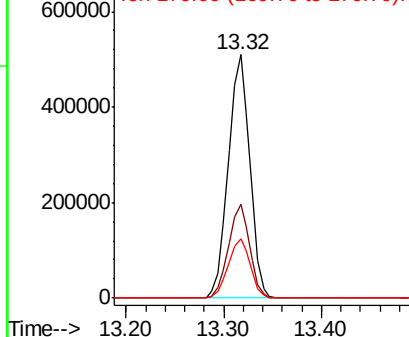


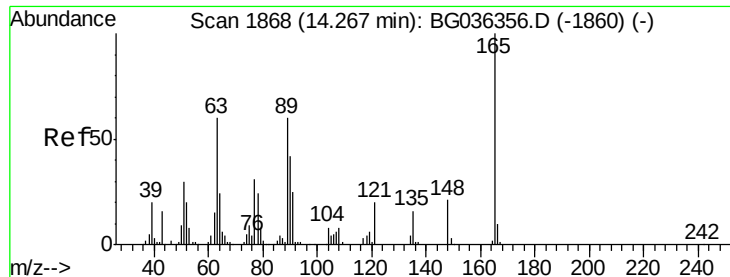
#44
 2-Fluorobiphenyl
 Concen: 74.918 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	24.3	21.0	31.6



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

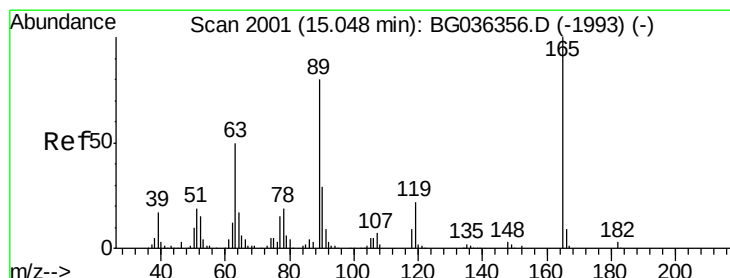
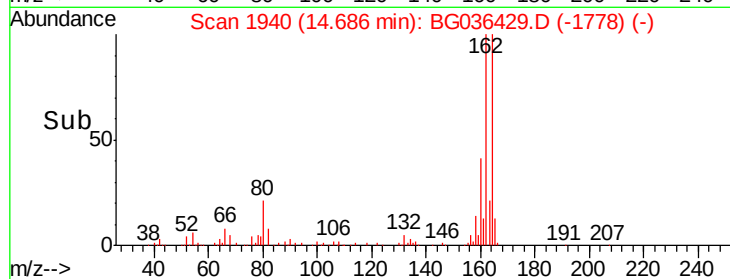
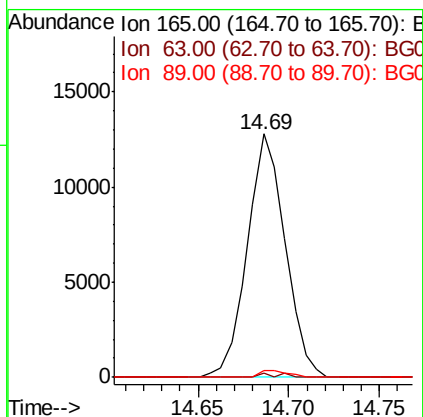
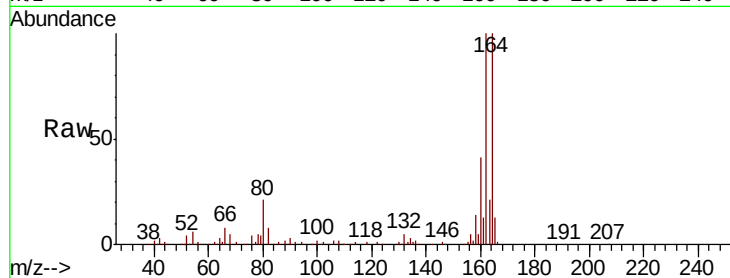




#50
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

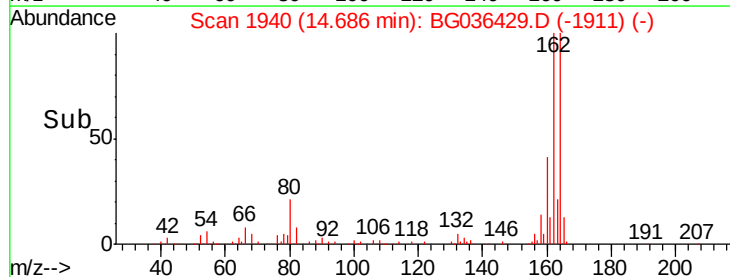
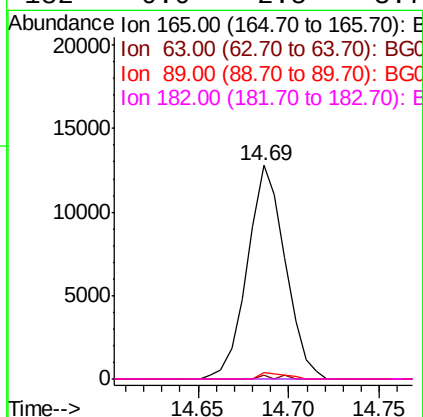
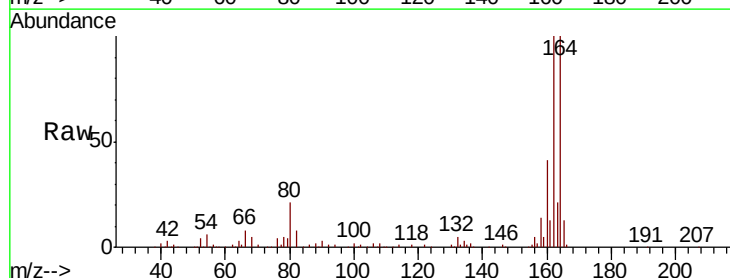
Instrument :
BNA_G
ClientSampleId :

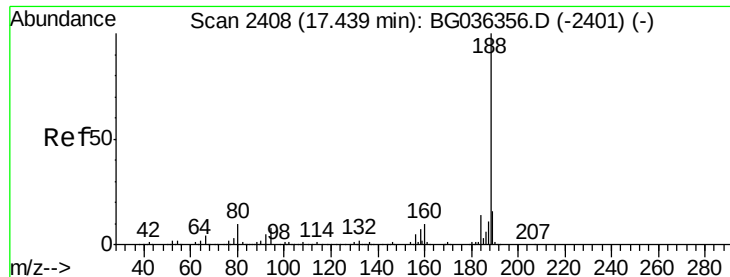
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	2.9	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.724 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

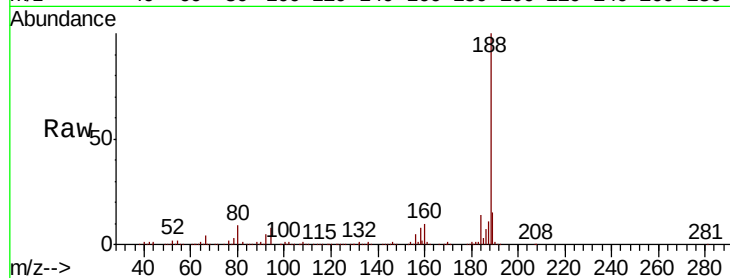
Tot Ion:188 Resp: 391529

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.7	8.1	12.1

188 100

94 7.5 6.7 10.1

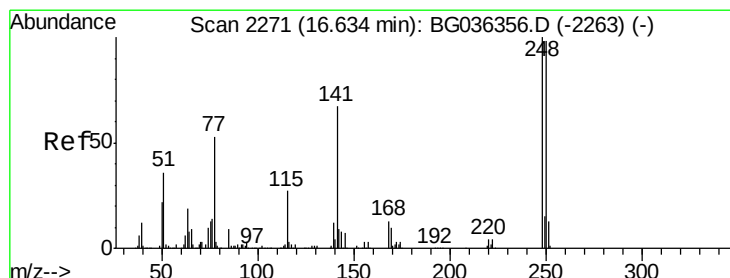
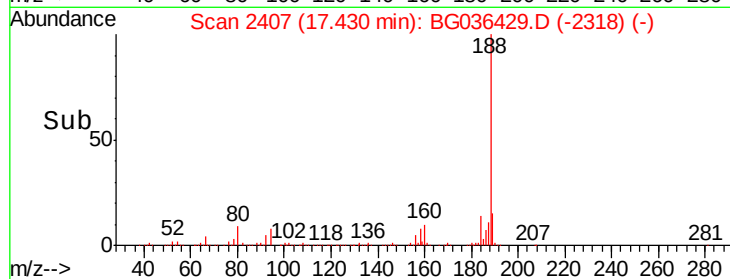
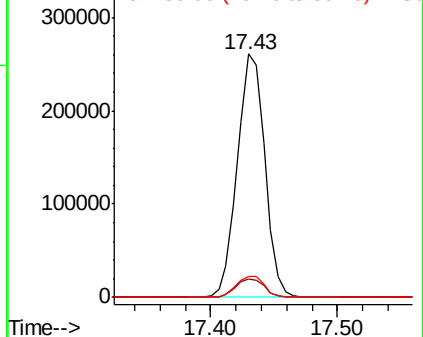
80 8.7 8.1 12.1



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



#66

4-Bromophenyl-phenylether

Concen: 3.082 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.46 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

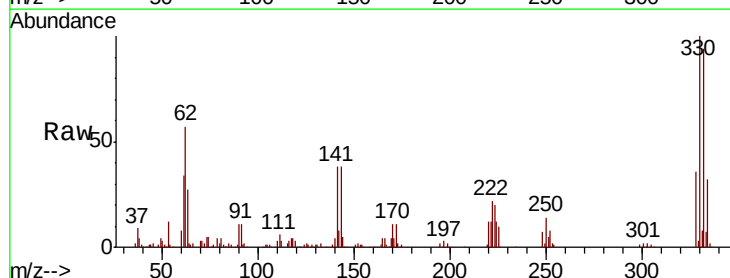
Tgt Ion:248 Resp: 14127

Ion	Ratio	Lower	Upper
248	100		
250	188.1	78.1	117.1#
141	508.4	53.7	80.5#

248 100

250 188.1 78.1 117.1#

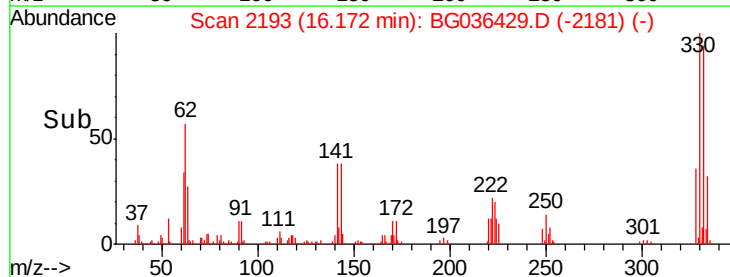
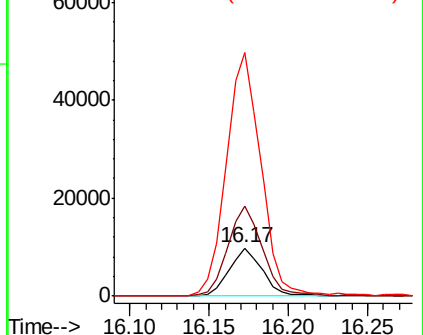
141 508.4 53.7 80.5#

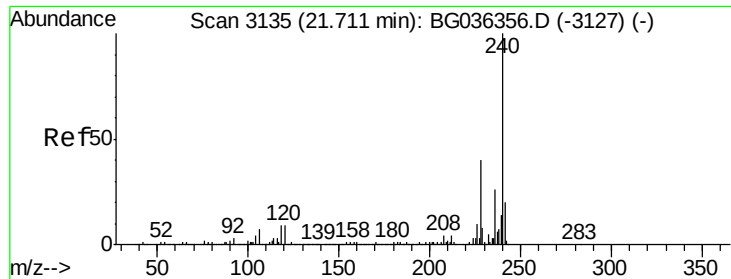


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

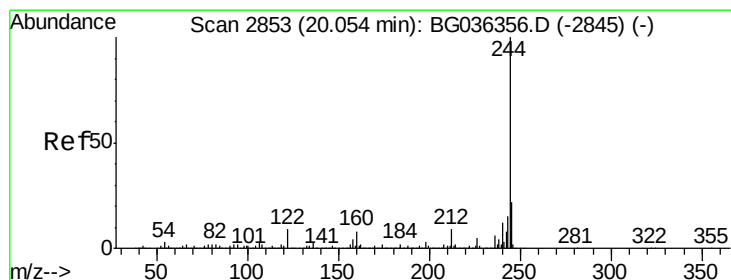
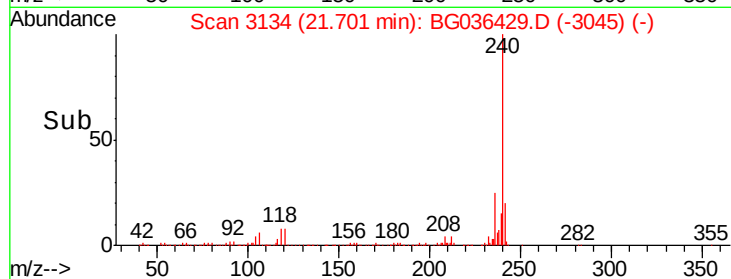
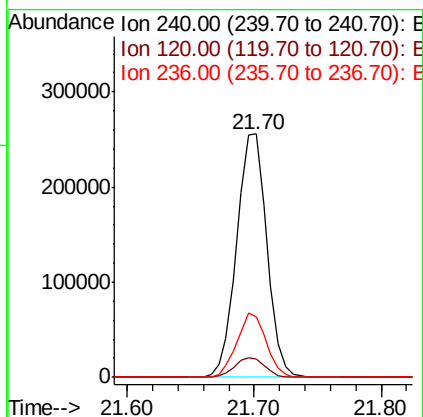
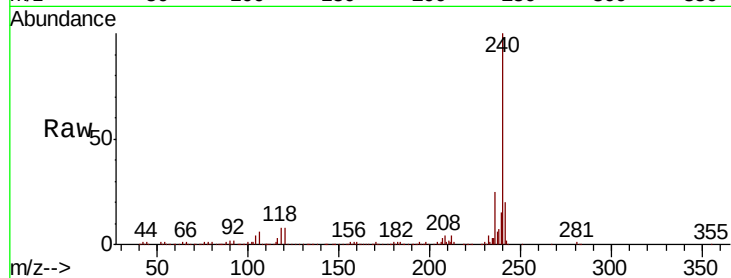




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

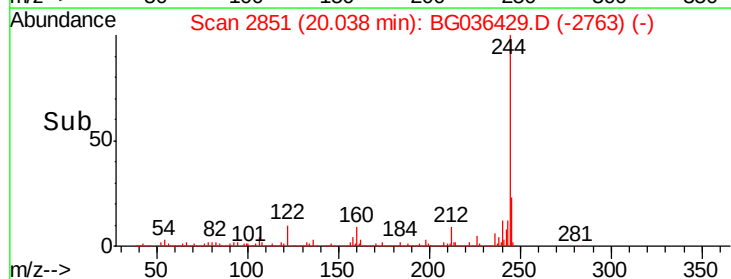
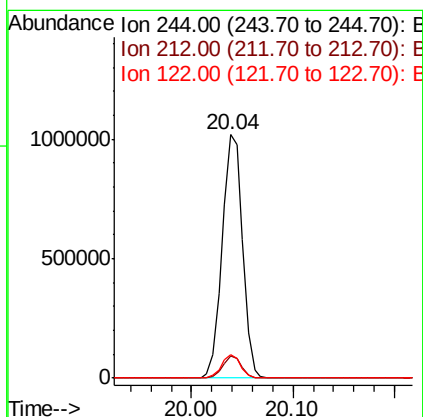
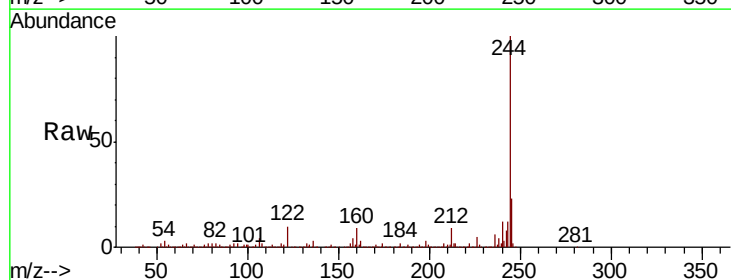
Instrument :
 BNA_G
 ClientSampleId :

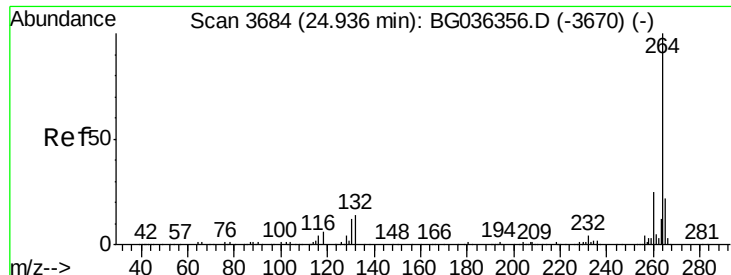
Tot Ion:240 Resp: 422284
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.9 10.3
 236 25.1 21.2 31.8



#78
 Terphenyl-d14
 Concen: 78.584 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.02 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

Tgt Ion:244 Resp: 1419773
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.6
 122 9.9 7.1 10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.1	17.4	26.0

