

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036404.D
 Acq On : 24 Aug 2018 8:35
 Operator : JU/SJ
 Sample : J4568-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 10:46:42 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

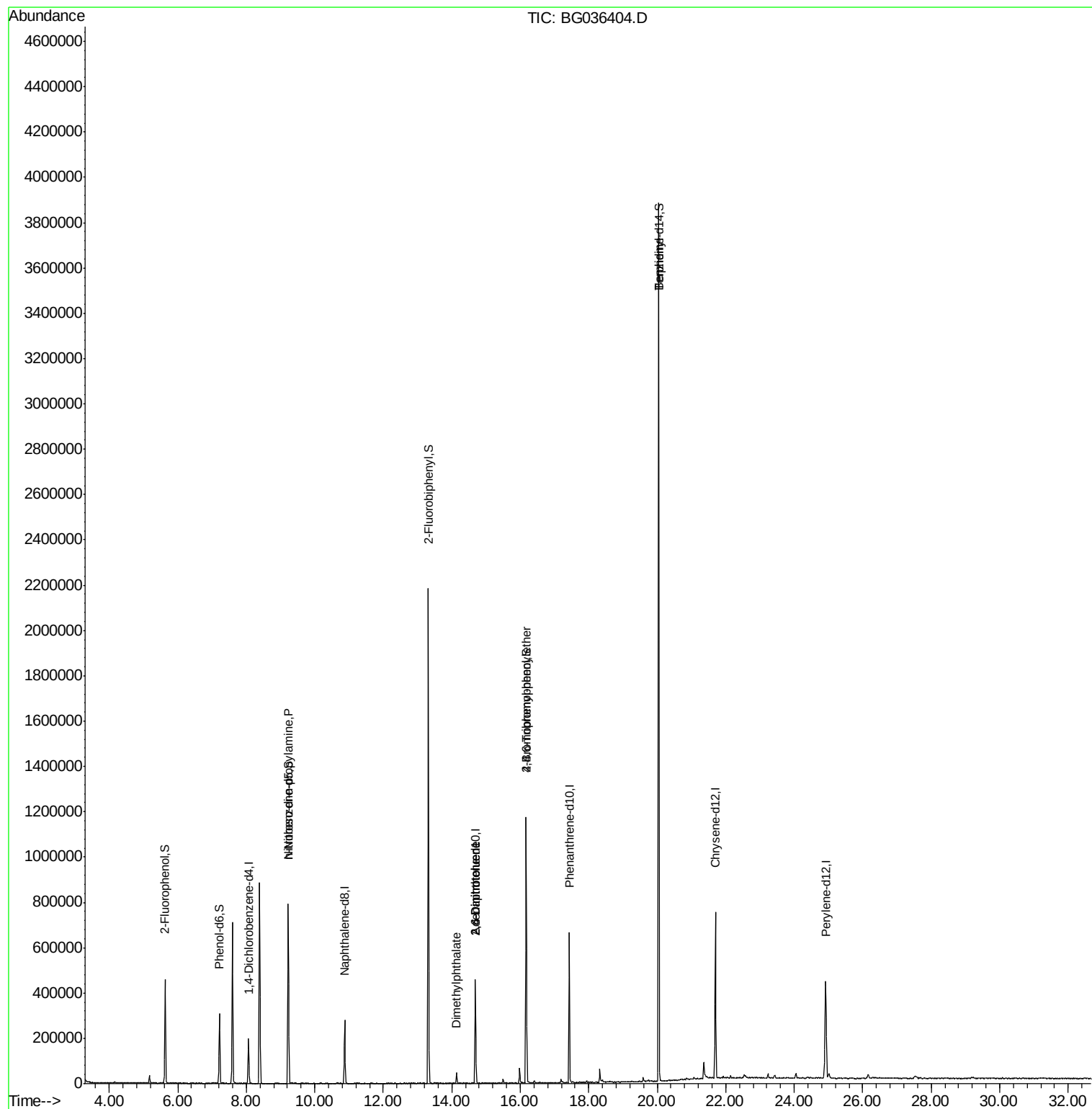
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55787	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	228690	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	153770	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	397883	20.00	ng	0.00
75) Chrysene-d12	21.70	240	448366	20.00	ng	-0.01
86) Perylene-d12	24.92	264	454577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	188521	53.61	ng	0.00
7) Phenol-d6	7.22	99	175372	34.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	464192	110.13	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	216182	117.82	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1085984	100.84	ng	0.00
78) Terphenyl-d14	20.05	244	1747592	91.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	63163	16.785	ng	# 71
49) Dimethylphthalate	14.14	163	31388	2.500	ng	# 98
50) 2,6-Dinitrotoluene	14.69	165	19803	7.665	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	19803	5.881	ng	# 22
66) 4-Bromophenyl-phenylether	16.17	248	14904	3.199	ng	# 1
76) Benzidine	20.05	184	30962	2.164	ng	# 94

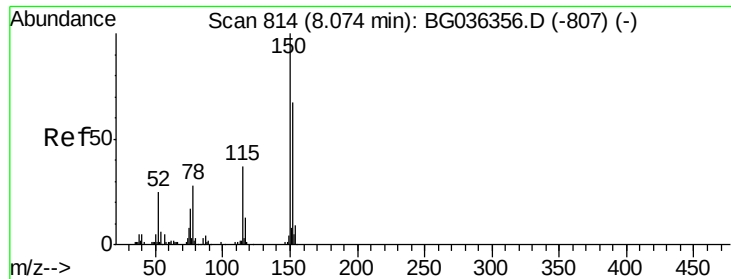
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
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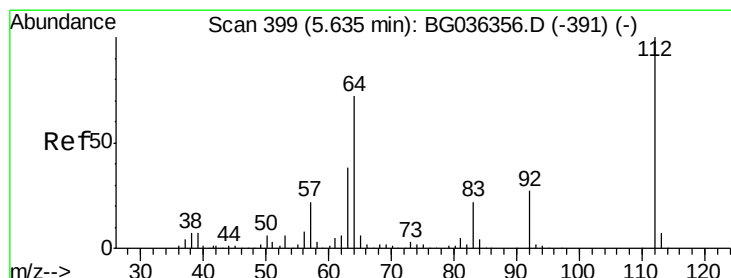
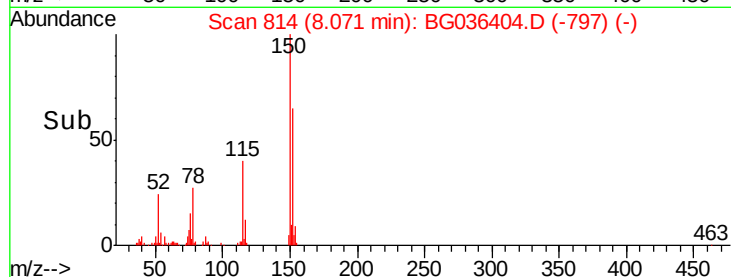
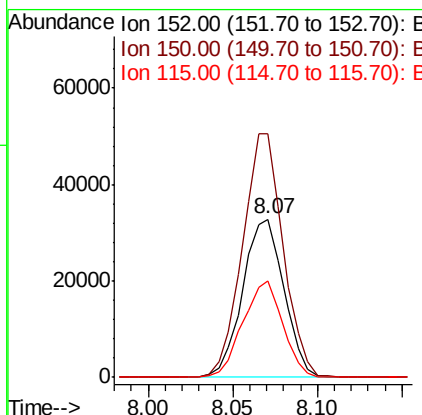
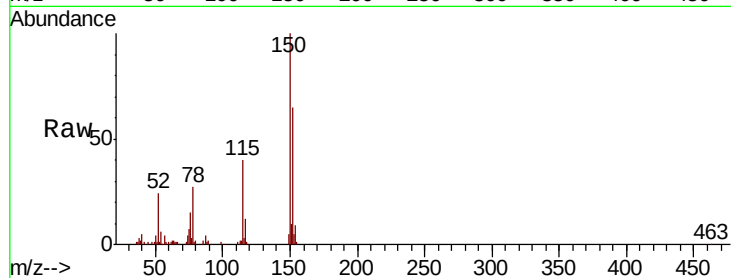


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Instrument :
BNA_G
ClientSampleId :

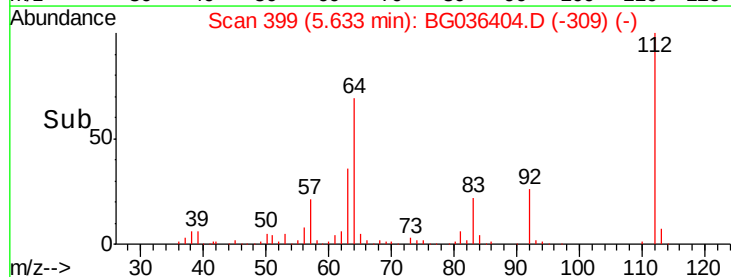
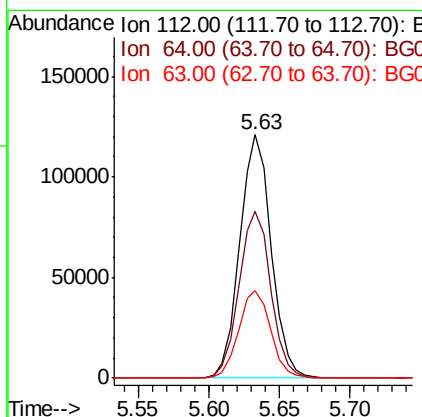
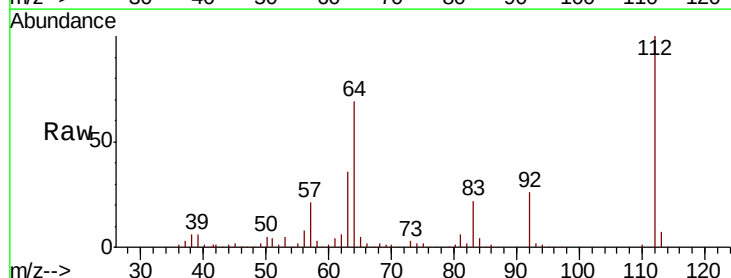
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	60.7	44.5	66.7

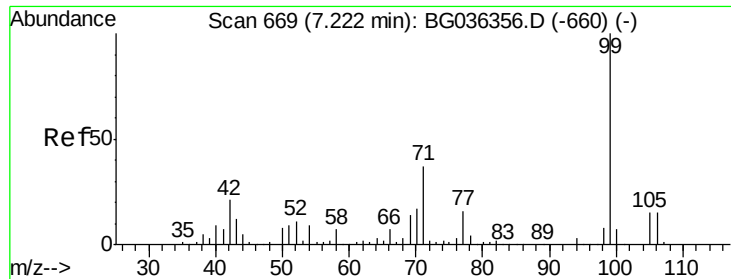


#5

2-Fluorophenol
Concen: 53.606 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.2	85.8
63	35.9	30.8	46.2





#7

Phenol-d6

Concen: 34.829 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampled :

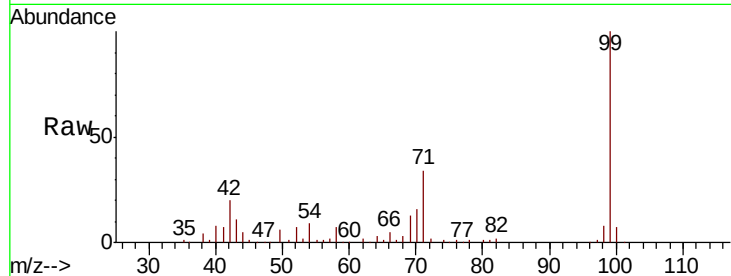
Tot Ion: 99 Resp: 175372

Ion Ratio Lower Upper

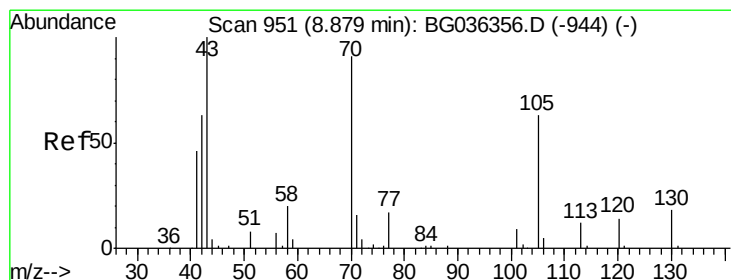
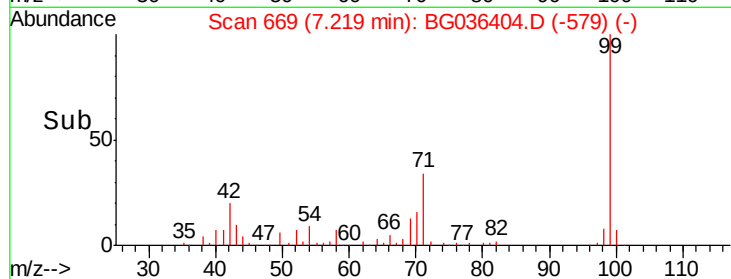
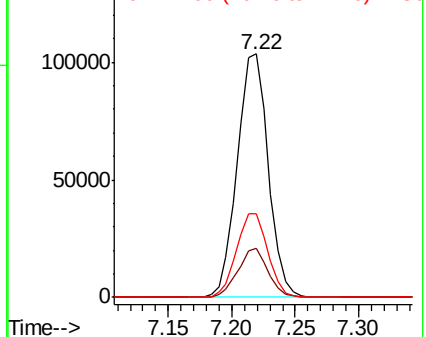
99 100

42 20.1 16.5 24.7

71 34.4 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: 16.785 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Tgt Ion: 70 Resp: 63163

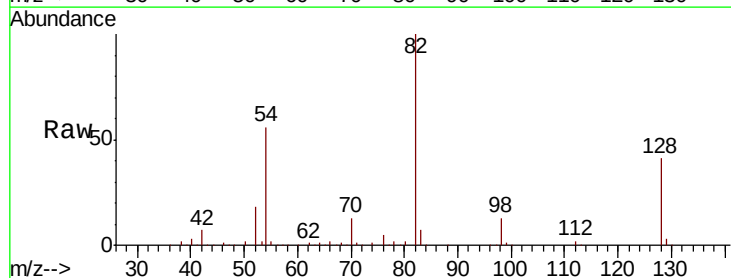
Ion Ratio Lower Upper

70 100

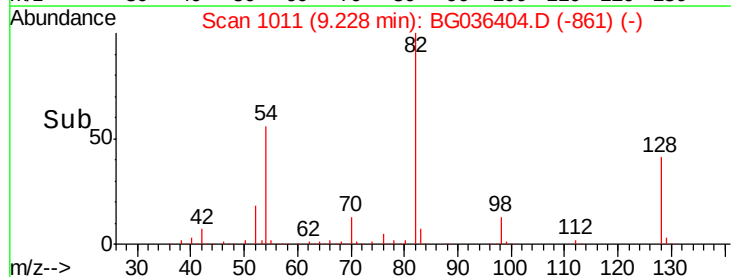
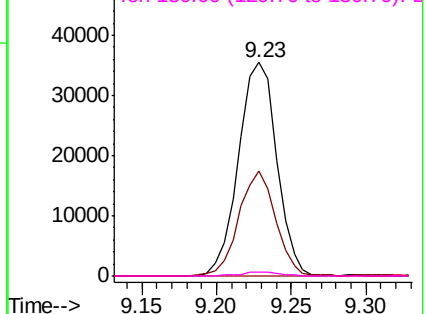
42 49.2 56.2 84.4#

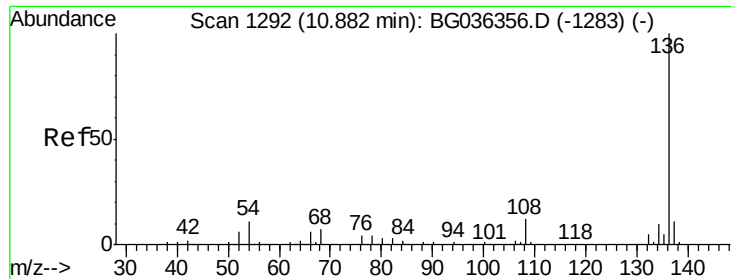
101 0.0 7.8 11.6#

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

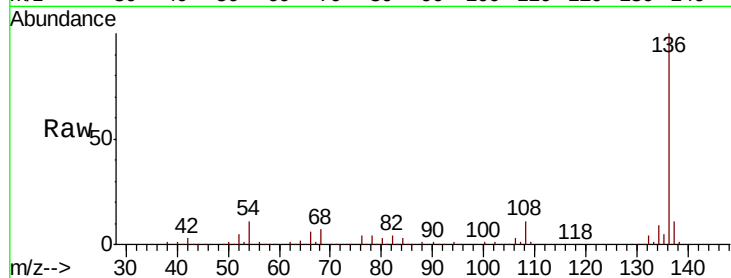




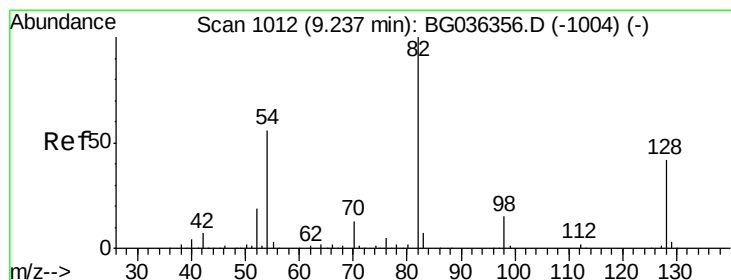
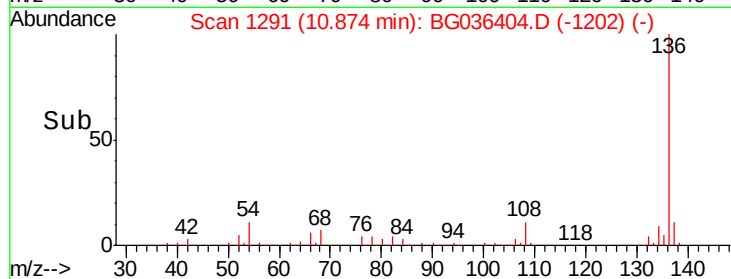
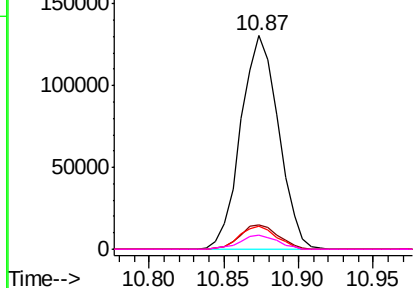
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228690
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	11.0	9.2 13.8
68	6.9	5.8 8.6

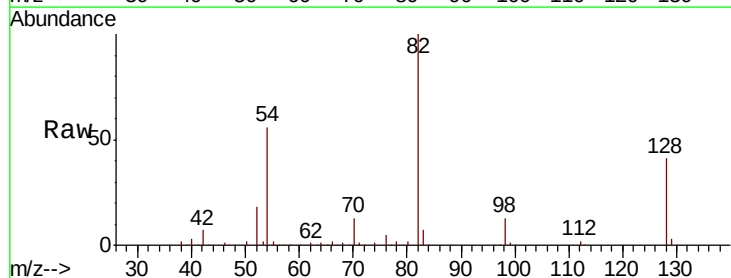


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

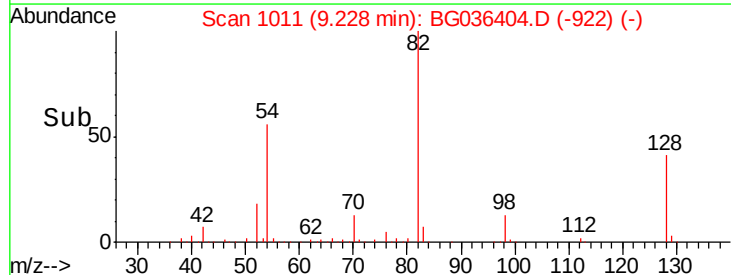
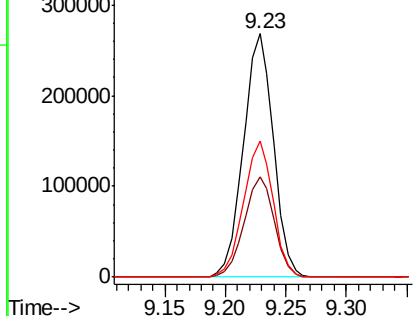


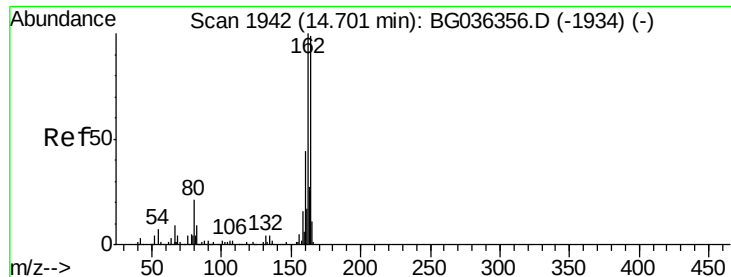
#23
Nitrobenzene-d5
Concen: 110.130 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Tgt Ion: 82	Resp:	464192
Ion Ratio	Lower	Upper
82	100	
128	41.1	33.3 49.9
54	56.0	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
100000
0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

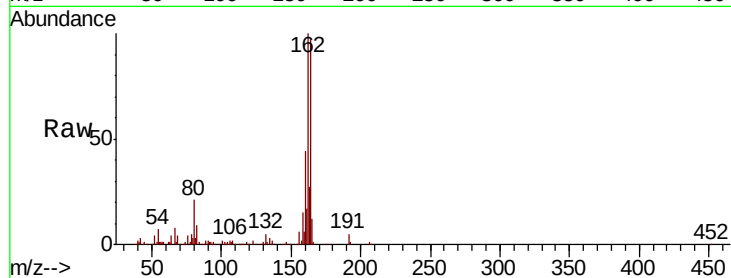
Tot Ion:164 Resp: 153770

Ion Ratio Lower Upper

164 100

162 102.8 80.7 121.1

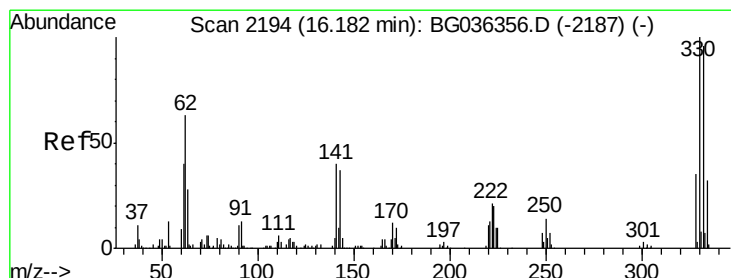
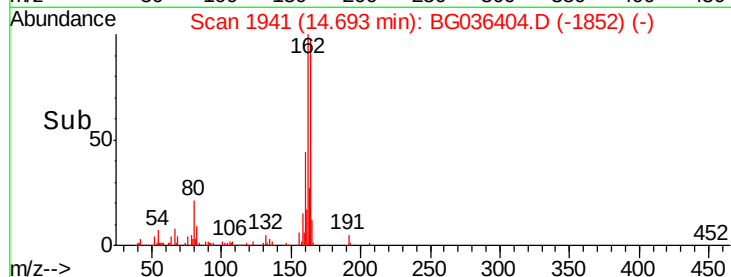
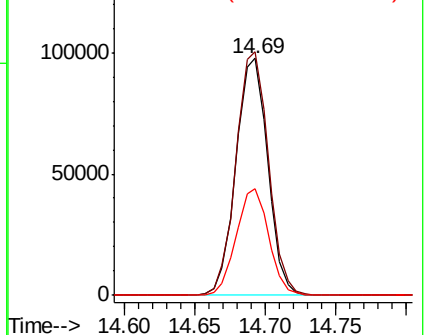
160 44.9 35.3 52.9



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: 117.822 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

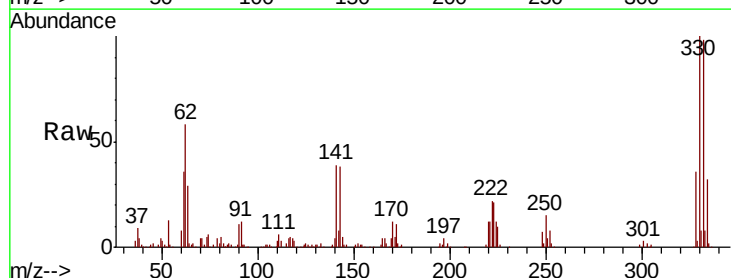
Tgt Ion:330 Resp: 216182

Ion Ratio Lower Upper

330 100

332 94.6 75.4 113.2

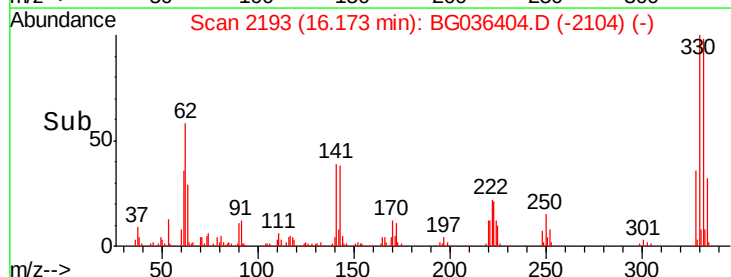
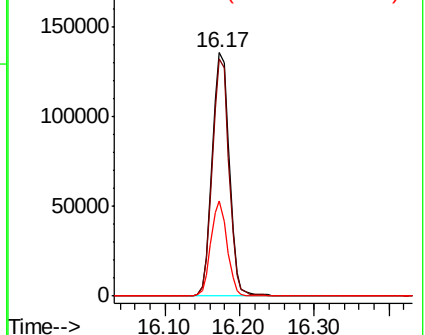
141 37.1 30.7 46.1

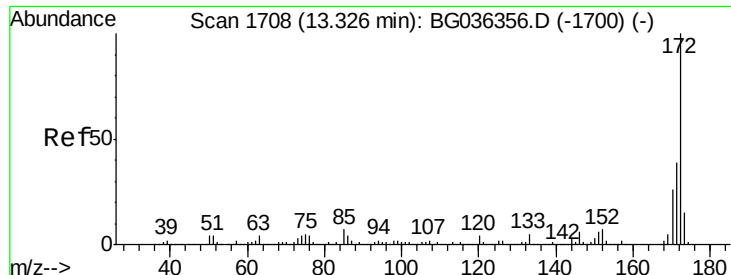


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

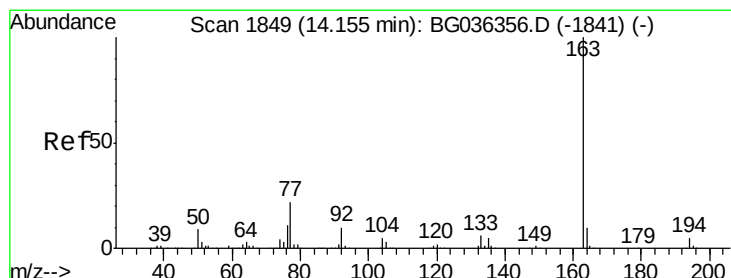
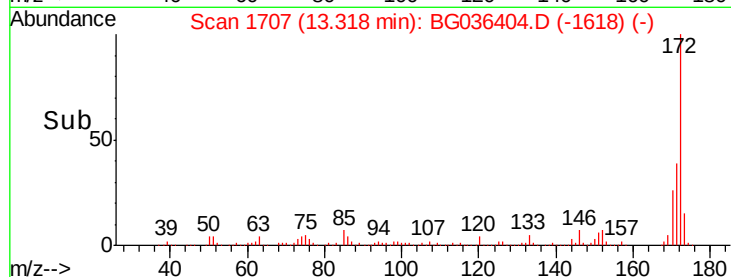
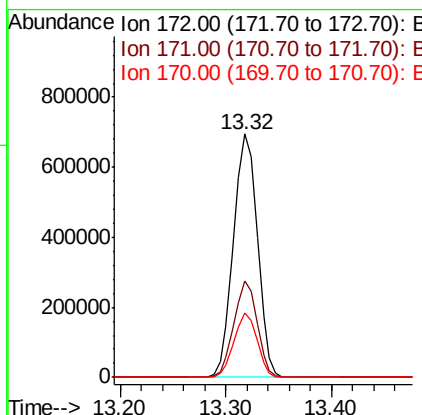
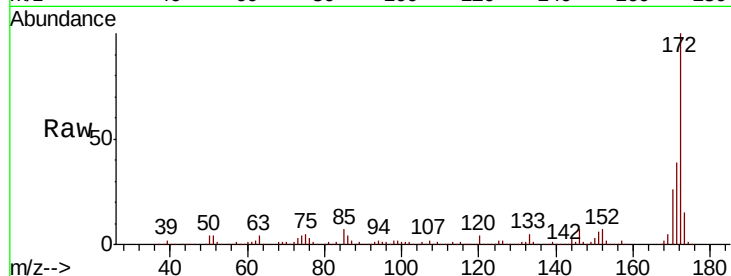




#44
2-Fluorobiphenyl
Concen: 100.838 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

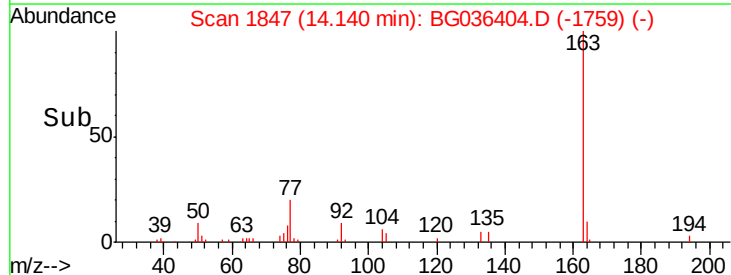
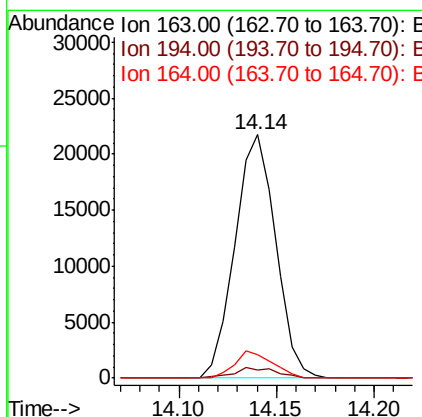
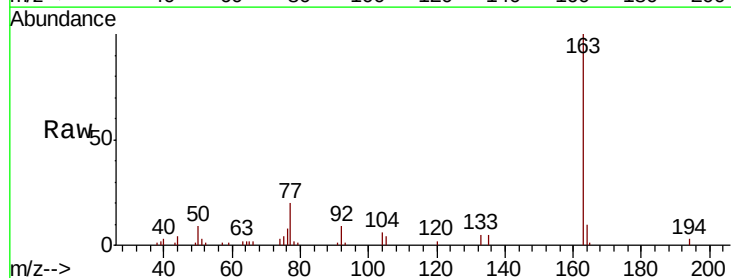
Instrument :
BNA_G
ClientSampled :

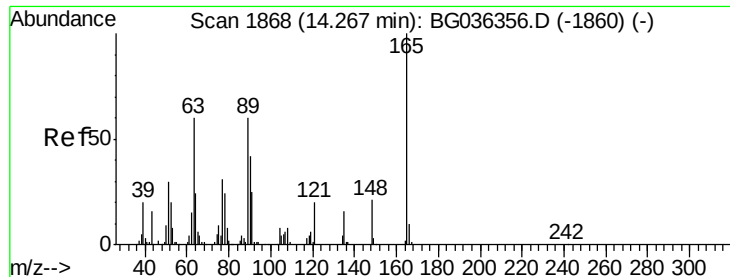
Tot Ion:172 Resp: 1085984
Ion Ratio Lower Upper
172 100
171 39.5 31.3 46.9
170 26.5 21.0 31.6



#49
Dimethylphthalate
Concen: 2.500 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Tgt Ion:163 Resp: 31388
Ion Ratio Lower Upper
163 100
194 3.3 4.0 6.0#
164 9.7 8.1 12.1





#50

2,6-Dinitrotoluene

Concen: 7.665 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.42 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

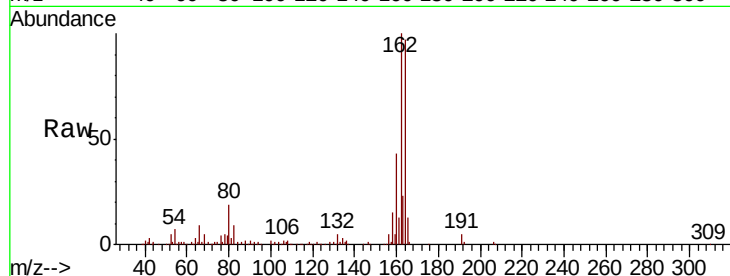
Tot Ion:165 Resp: 19803

Ion Ratio Lower Upper

165 100

63 2.2 50.1 75.1#

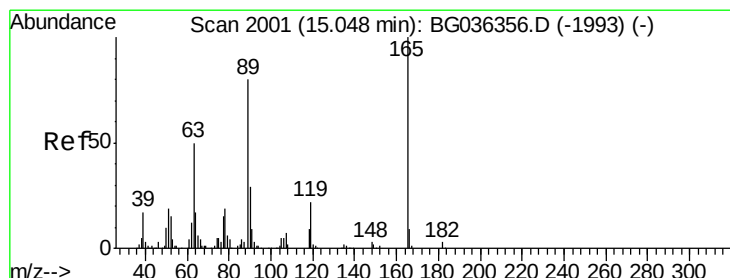
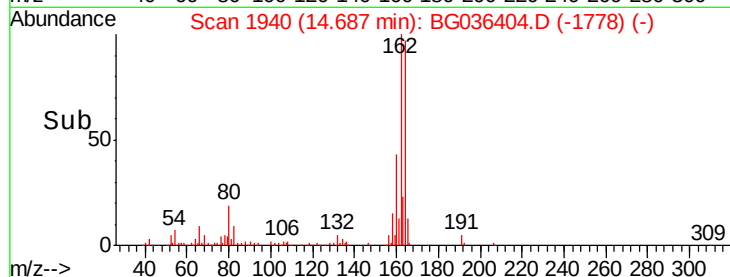
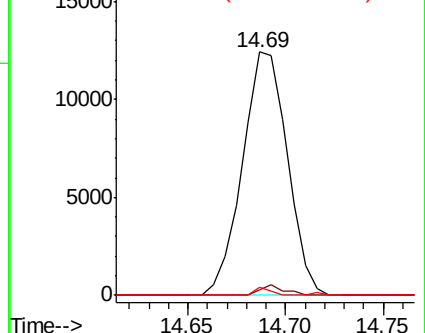
89 3.3 47.8 71.6#



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



#56

2,4-Dinitrotoluene

Concen: 5.881 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.36 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Tgt Ion:165 Resp: 19803

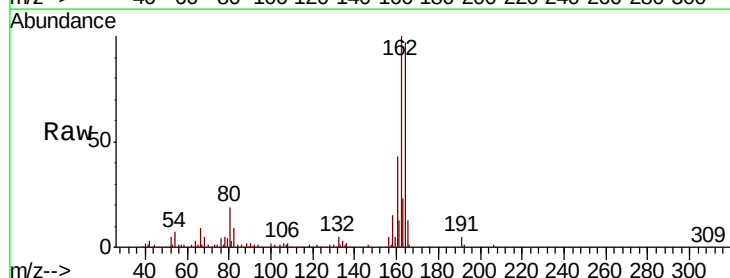
Ion Ratio Lower Upper

165 100

63 2.2 40.1 60.1#

89 3.3 63.7 95.5#

182 0.0 2.5 3.7#

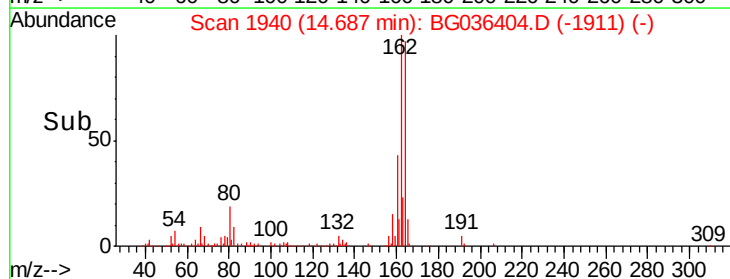
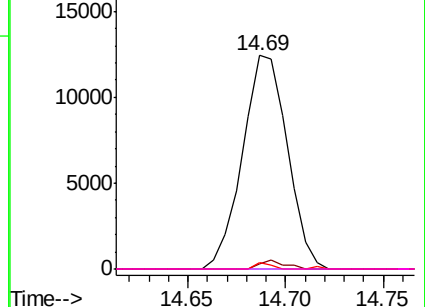


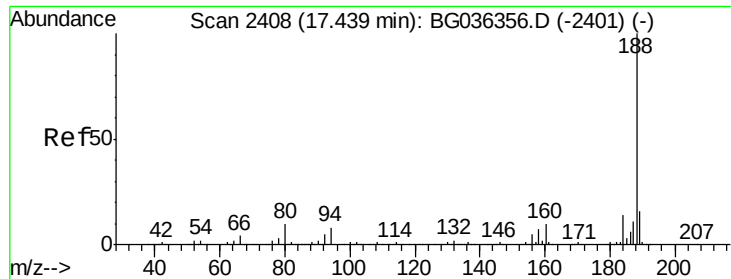
Abundance Ion 165.00 (164.70 to 165.70): E

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

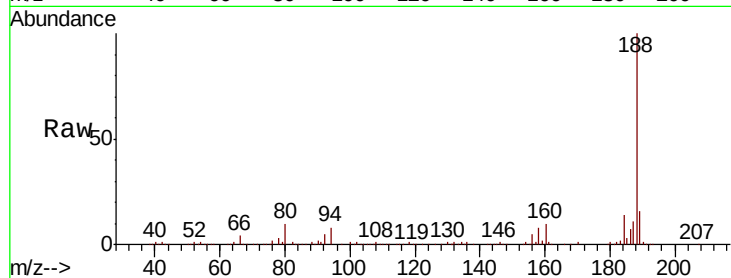




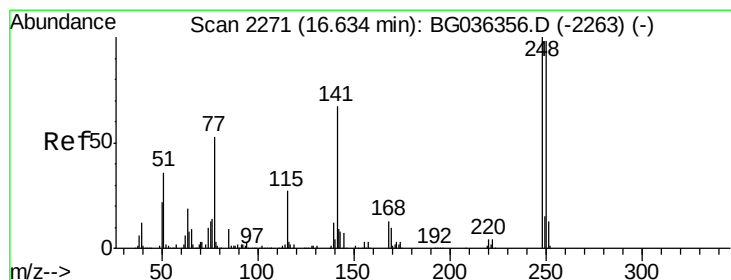
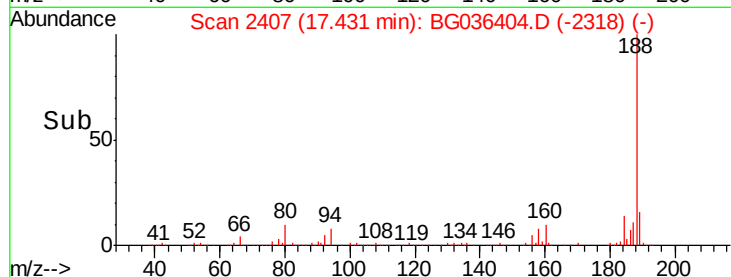
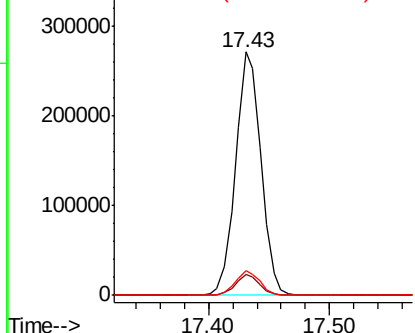
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 397883
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.7 10.1
 80 9.9 8.1 12.1

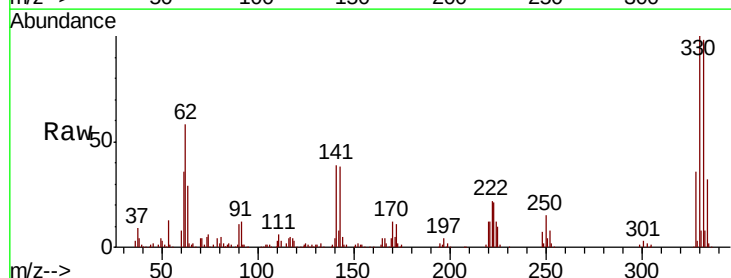


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

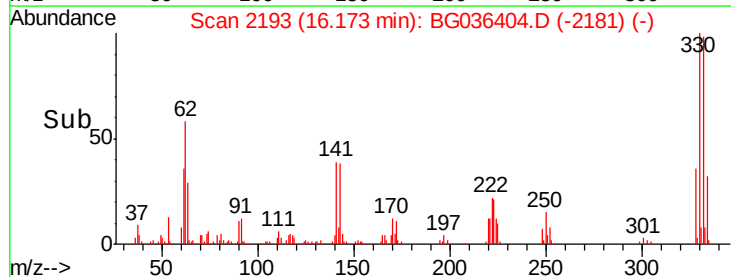
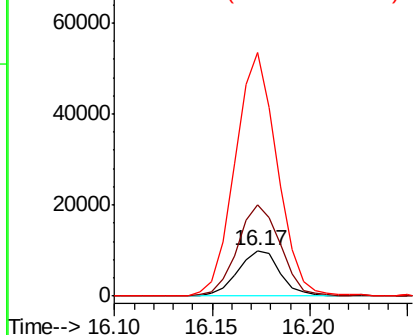


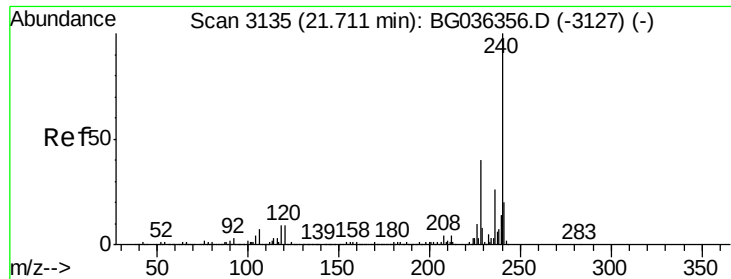
#66
 4-Bromophenyl-phenylether
 Concen: 3.199 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Tgt Ion:248 Resp: 14904
 Ion Ratio Lower Upper
 248 100
 250 201.4 78.1 117.1#
 141 534.3 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

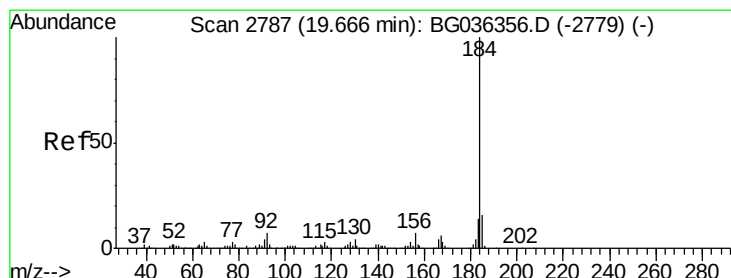
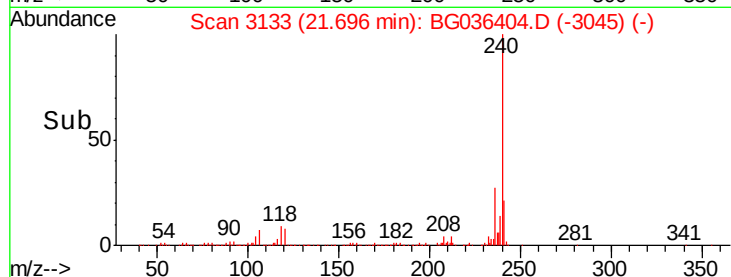
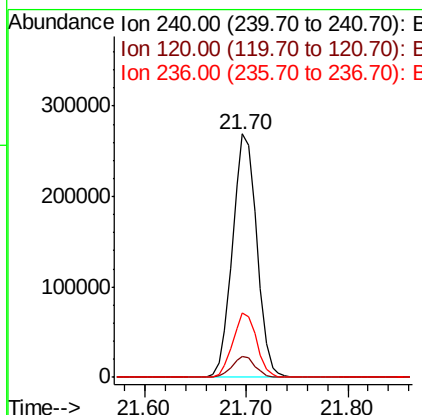
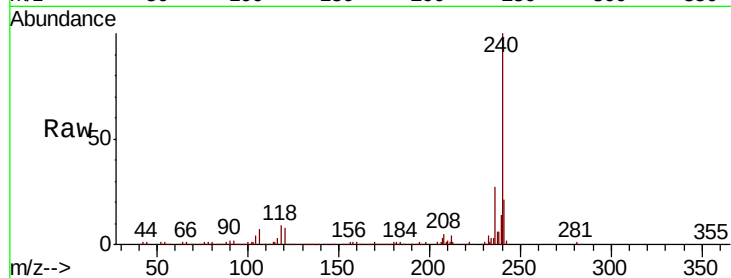




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

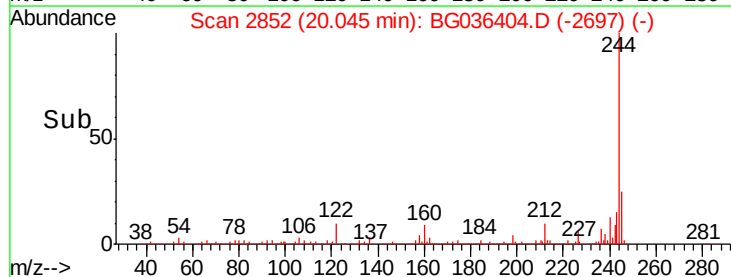
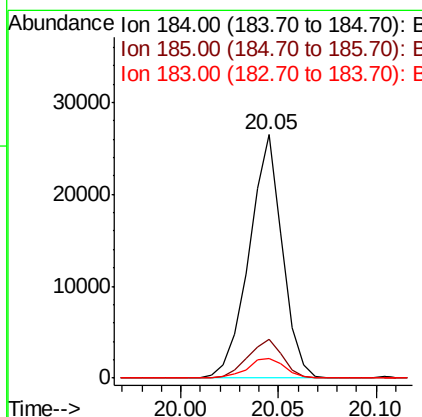
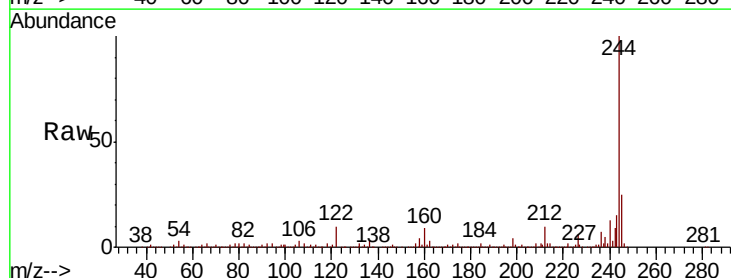
Instrument :
BNA_G
ClientSampleId :

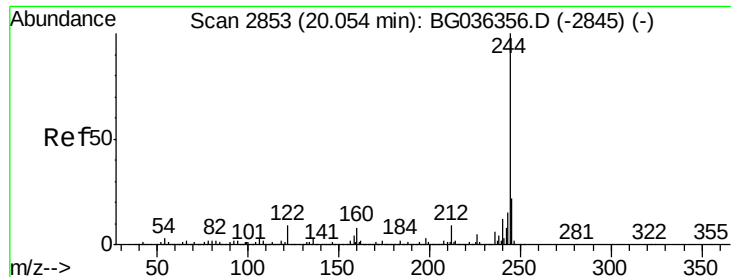
Tot Ion:240 Resp: 448366
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.6 21.2 31.8



#76
Benzidine
Concen: 2.164 ng
RT: 20.05 min Scan# 2852
Delta R.T. 0.38 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Tgt Ion:184 Resp: 30962
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 8.1 10.9 16.3#





#78

Terphenyl-d14

Concen: 91.102 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

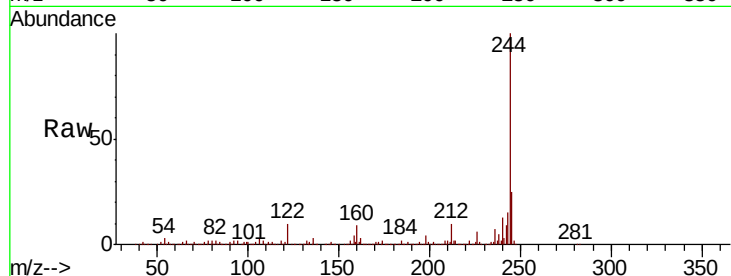
Tot Ion:244 Resp: 1747592

Ion Ratio Lower Upper

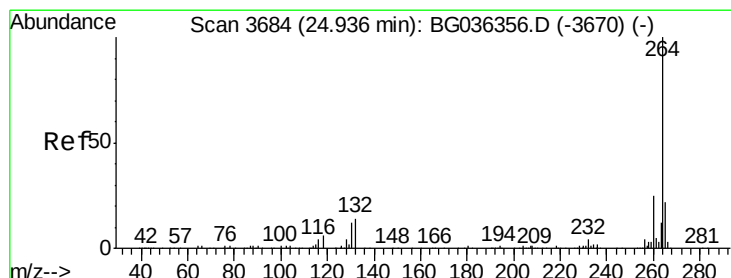
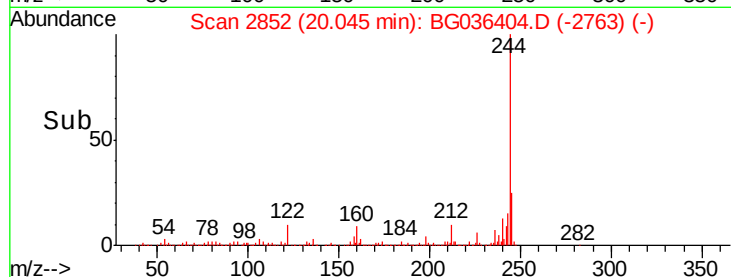
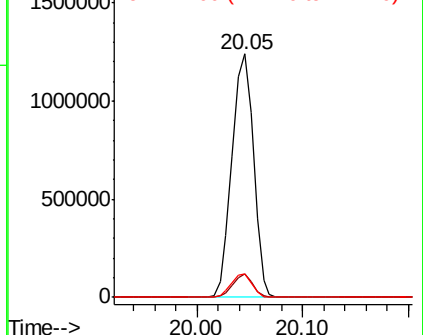
244 100

212 9.5 7.0 10.6

122 9.6 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

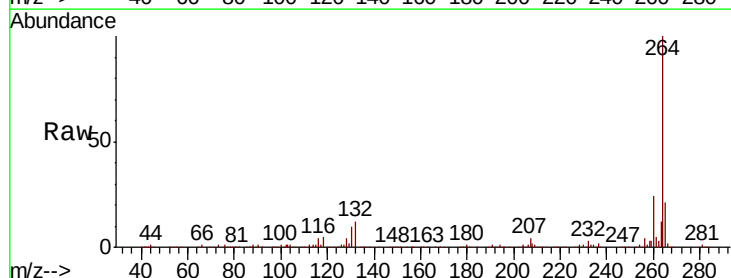
Tgt Ion:264 Resp: 454577

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 21.4 17.4 26.0



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

