

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036501.D
 Acq On : 31 Aug 2018 11:57
 Operator : JU/SJ
 Sample : J4677-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 13:16:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

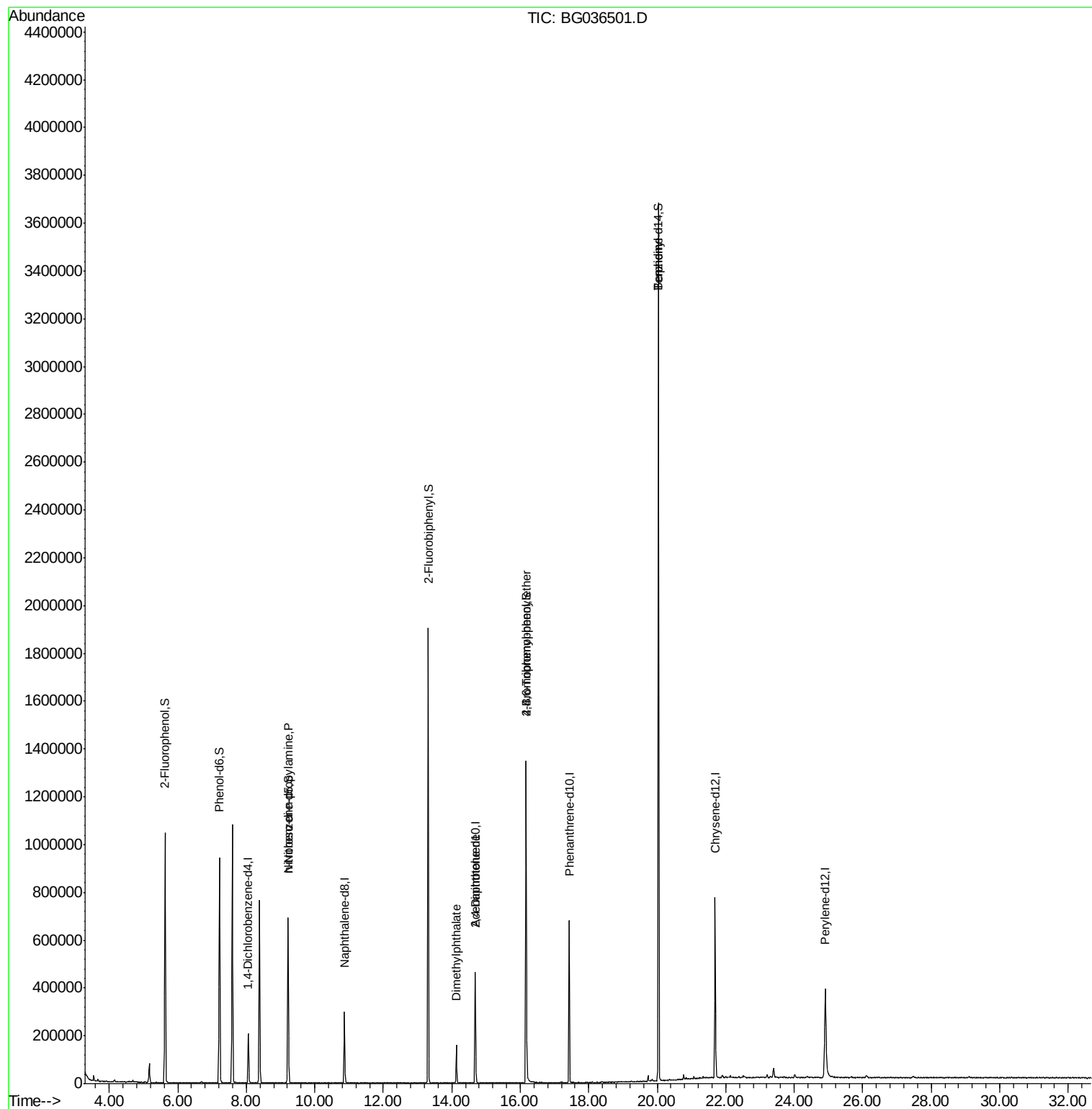
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59075	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	247613	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	162740	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	432993	20.00	ng	0.00
75) Chrysene-d12	21.69	240	470852	20.00	ng	0.00
86) Perylene-d12	24.90	264	459903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	437297	117.42	ng	0.00
7) Phenol-d6	7.22	99	544613	102.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	421233	92.30	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	260096	133.94	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	972354	85.31	ng	0.00
78) Terphenyl-d14	20.04	244	1745550	86.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	55846	14.014	ng	Qvalue # 72
49) Dimethylphthalate	14.13	163	108183	8.141	ng	98
56) 2,4-Dinitrotoluene	14.69	165	21068	5.912	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	18273	3.605	ng	# 1
76) Benzidine	20.04	184	30893	2.056	ng	# 94

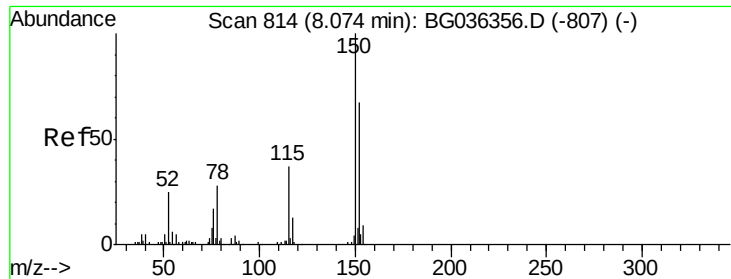
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/SJ
Sample : J4677-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 31 13:16:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



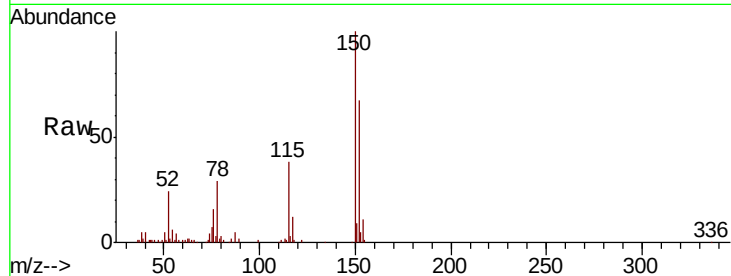


#1

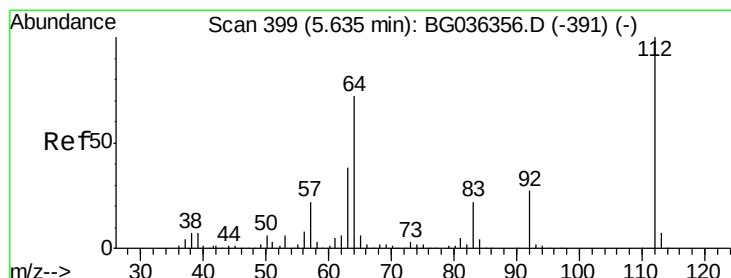
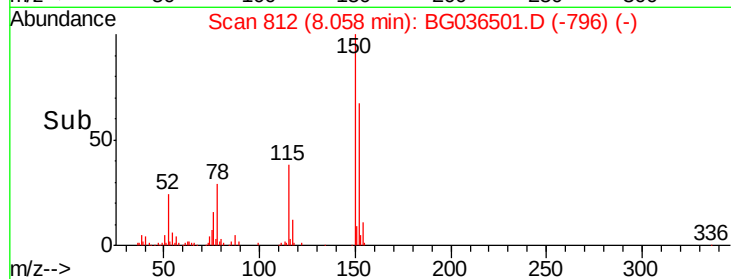
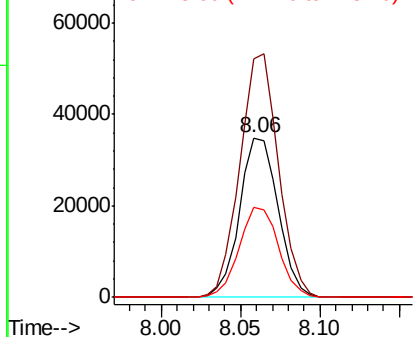
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	119.5	179.3
115	56.8	44.5	66.7



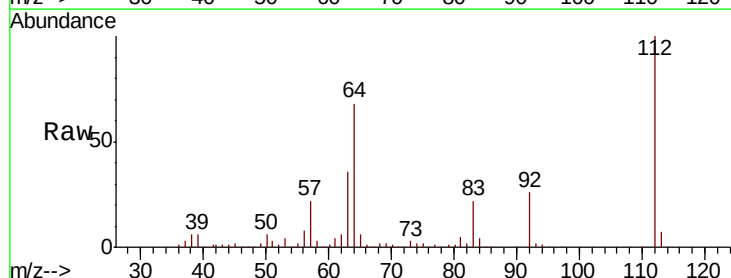
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



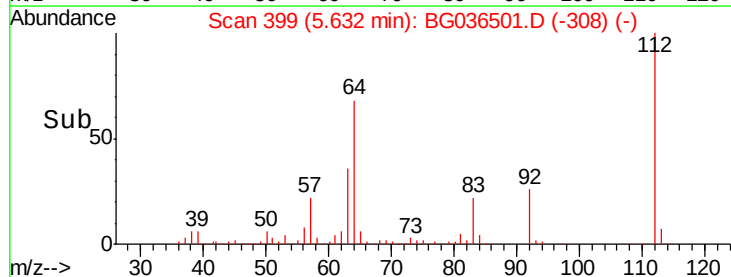
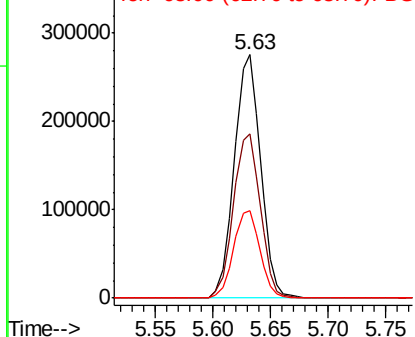
#5

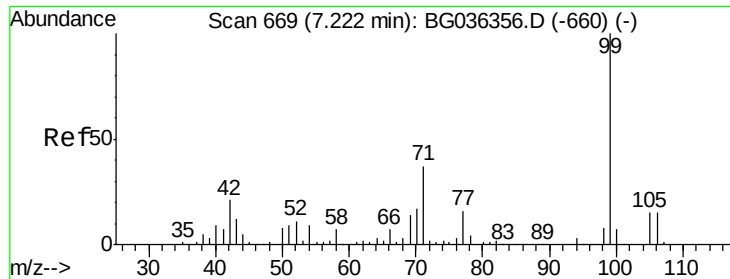
2-Fluorophenol
Concen: 117.424 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.01 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.2	85.8
63	36.1	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: 102.141 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036501.D

Acq: 31 Aug 2018 11:57

Instrument :

BNA_G

ClientSampleId :

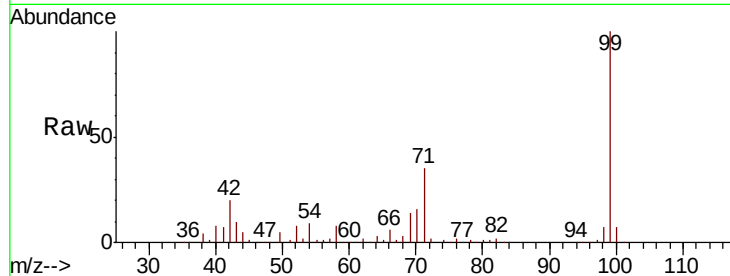
Tot Ion: 99 Resp: 544613

Ion Ratio Lower Upper

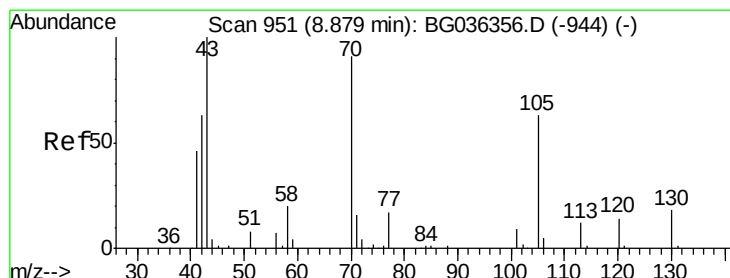
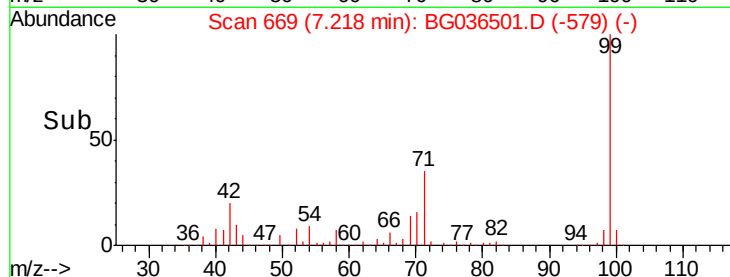
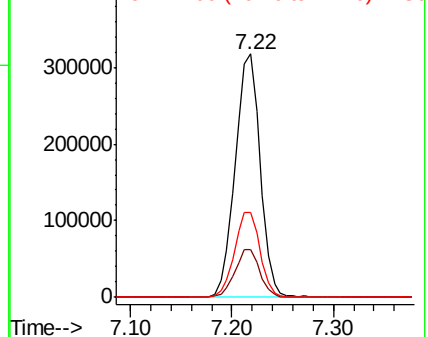
99 100

42 19.9 16.5 24.7

71 35.0 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: 14.014 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036501.D

Acq: 31 Aug 2018 11:57

Tgt Ion: 70 Resp: 55846

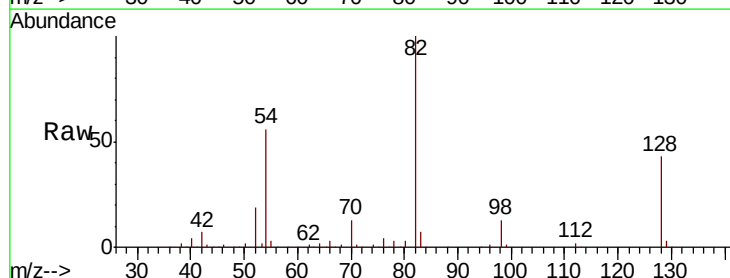
Ion Ratio Lower Upper

70 100

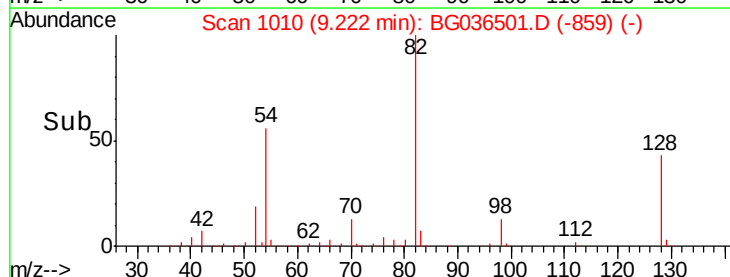
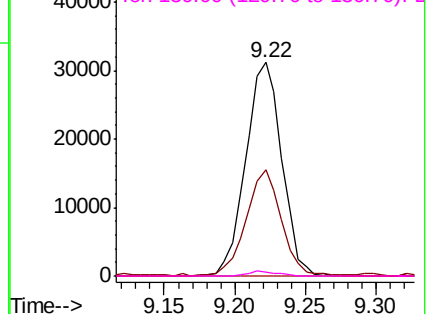
42 49.6 56.2 84.4#

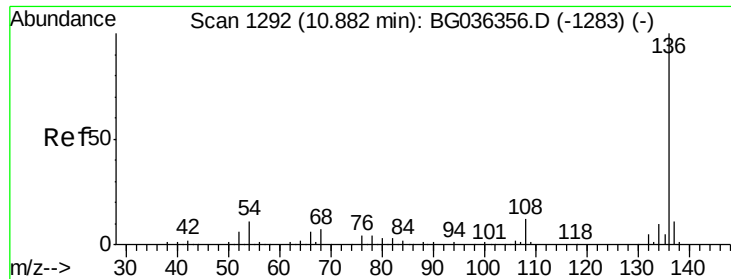
101 0.0 7.8 11.6#

130 2.0 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

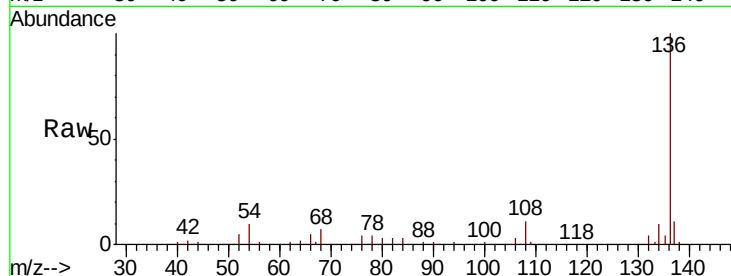




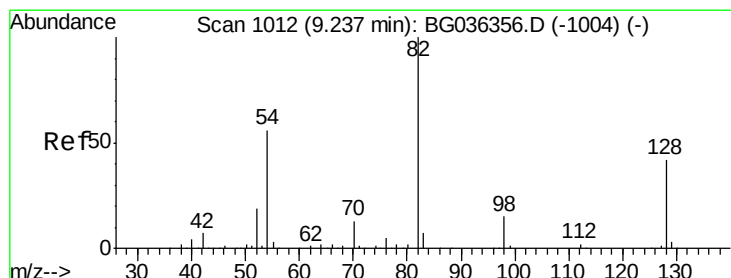
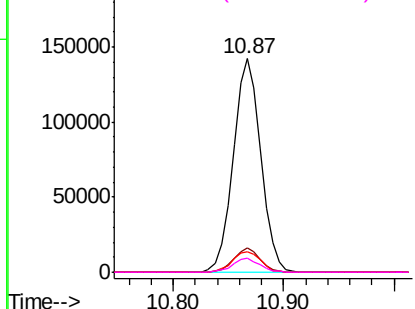
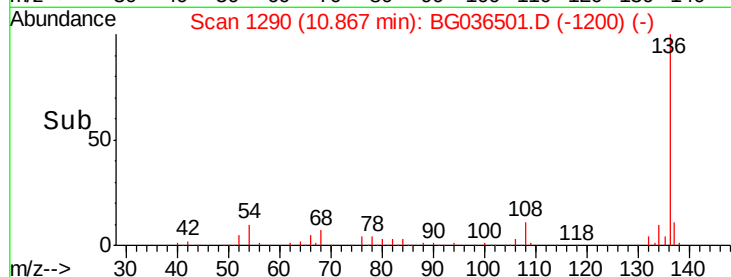
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247613
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	9.7	9.2 13.8
68	6.6	5.8 8.6

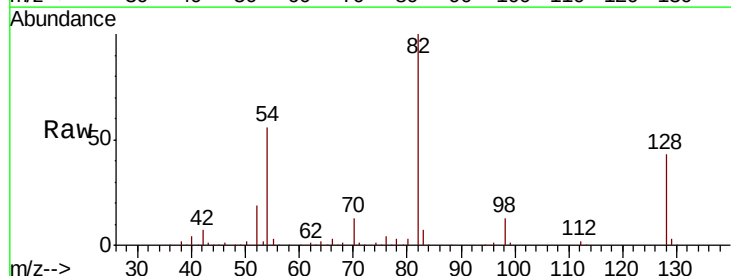


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

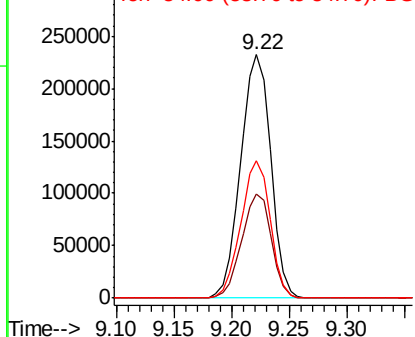
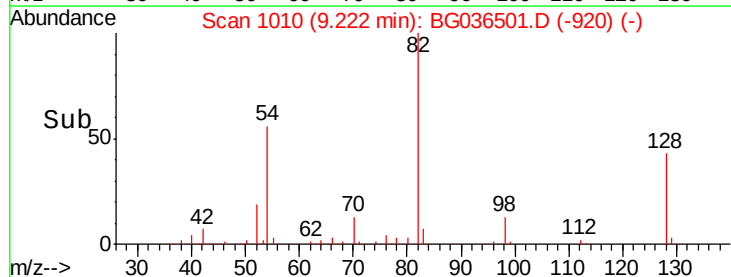


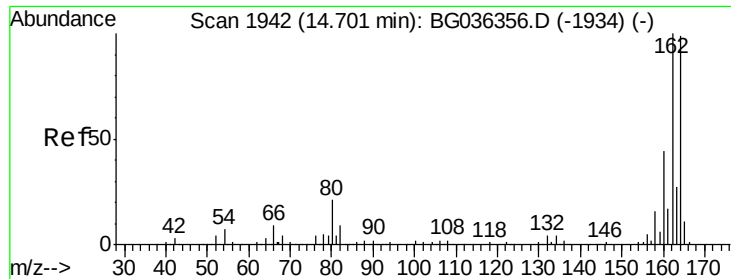
#23
Nitrobenzene-d5
Concen: 92.300 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Tgt Ion: 82	Resp:	421233
Ion	Ratio	Lower Upper
82	100	
128	42.6	33.3 49.9
54	56.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG036501.D

Acq: 31 Aug 2018 11:57

Instrument :

BNA_G

ClientSampled :

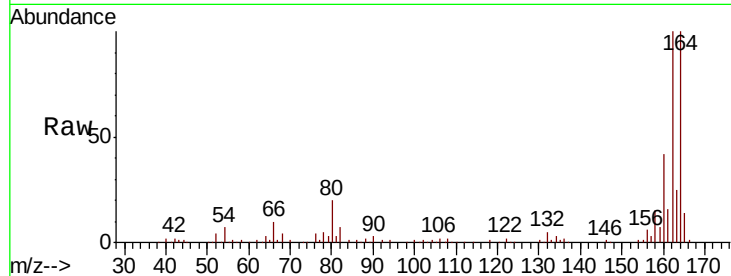
Tot Ion:164 Resp: 162740

Ion Ratio Lower Upper

164 100

162 100.0 80.7 121.1

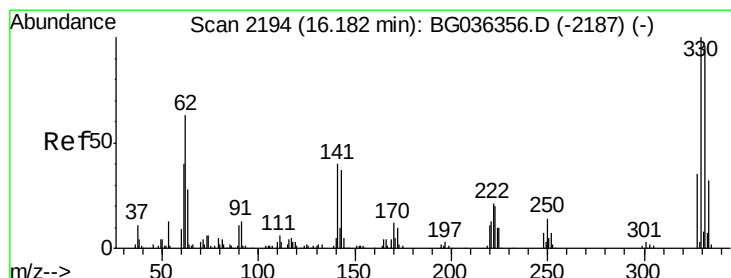
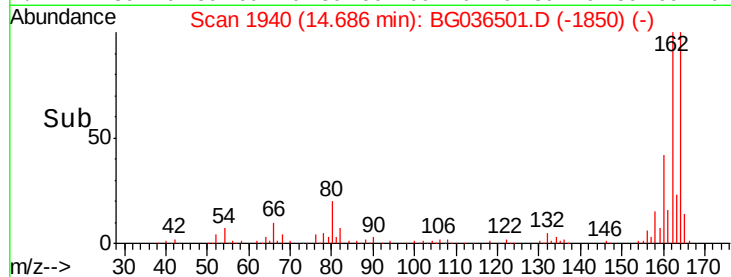
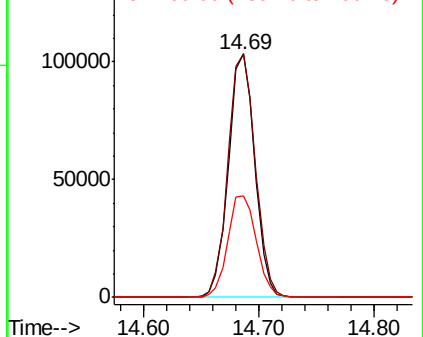
160 41.9 35.3 52.9



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: 133.942 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG036501.D

Acq: 31 Aug 2018 11:57

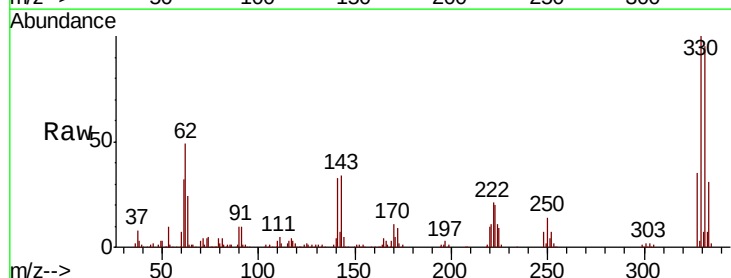
Tgt Ion:330 Resp: 260096

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

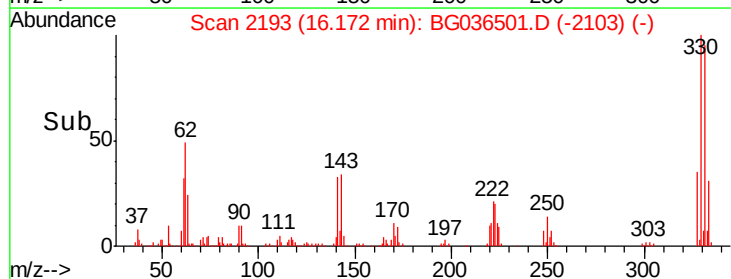
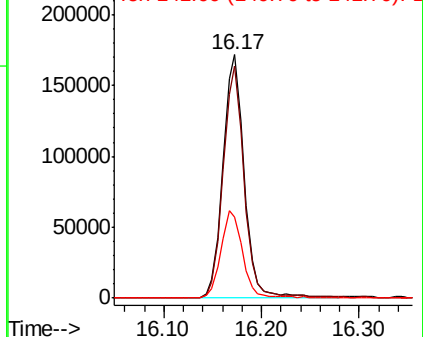
141 36.8 30.7 46.1

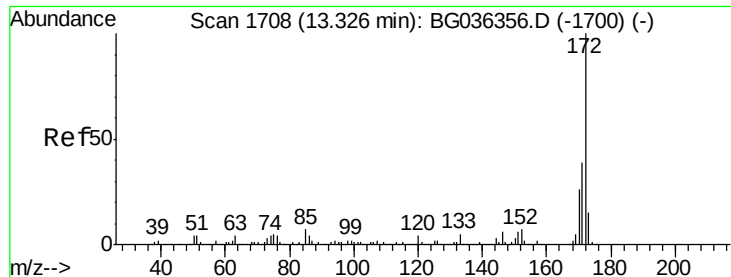


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

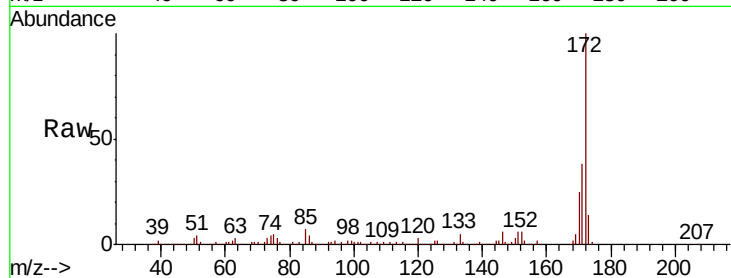




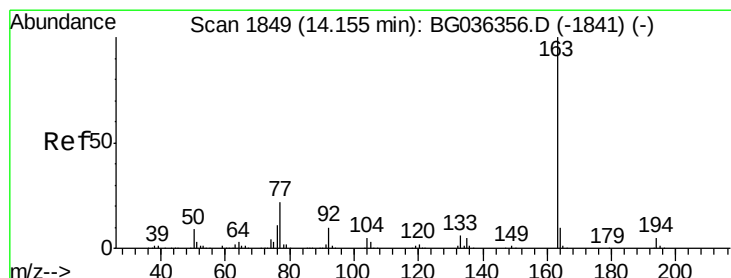
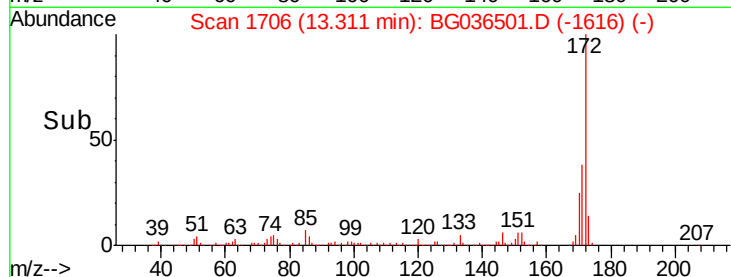
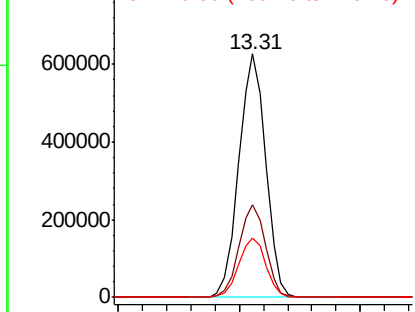
#44
2-Fluorobiphenyl
Concen: 85.311 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 972354
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 24.5 21.0 31.6

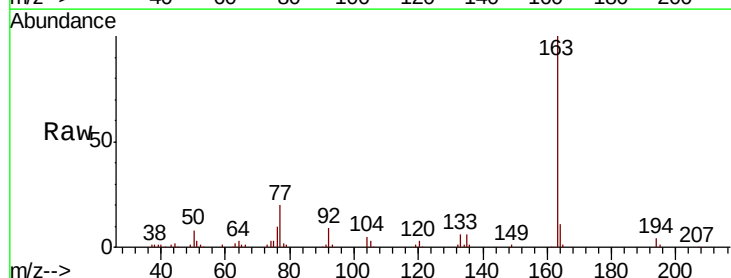


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

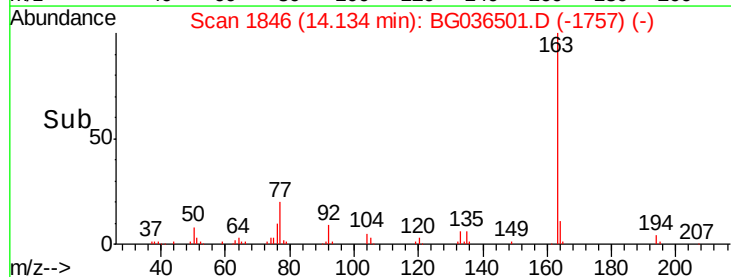
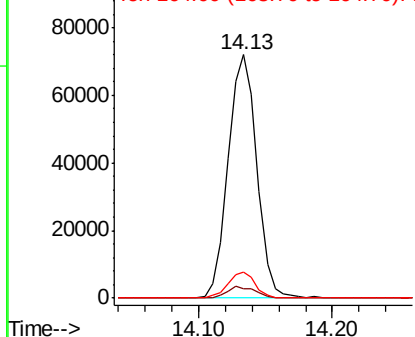


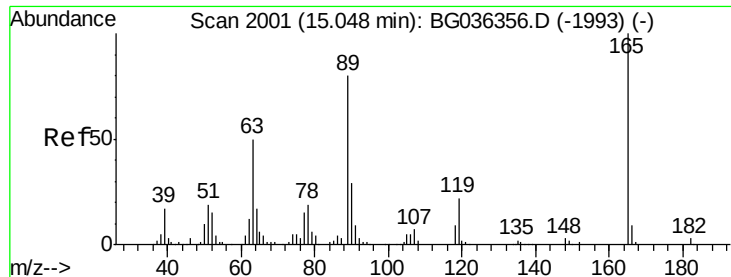
#49
Dimethylphthalate
Concen: 8.141 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Tgt Ion:163 Resp: 108183
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

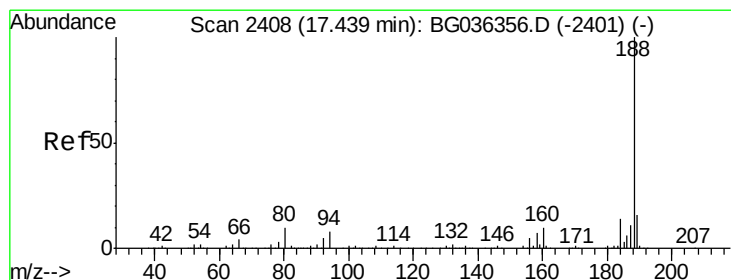
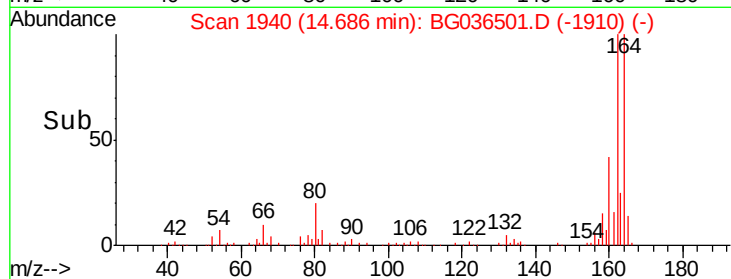
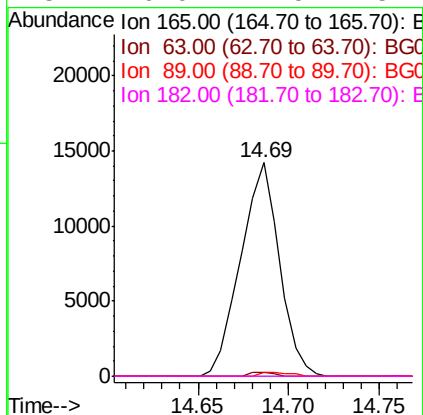
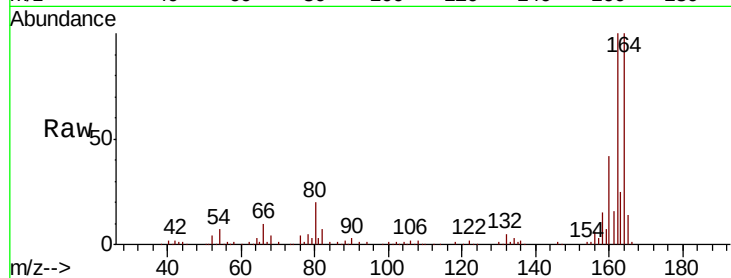




#56
 2,4-Dinitrotoluene
 Concen: 5.912 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.35 min
 Lab File: BG036501.D
 Acq: 31 Aug 2018 11:57

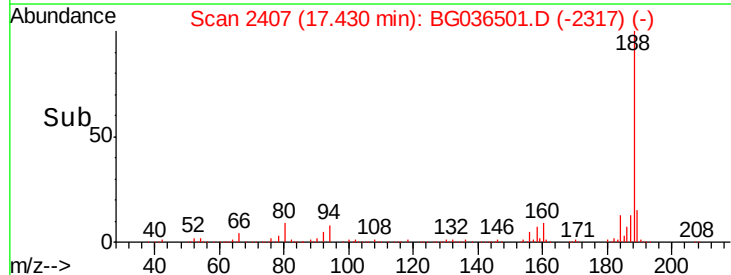
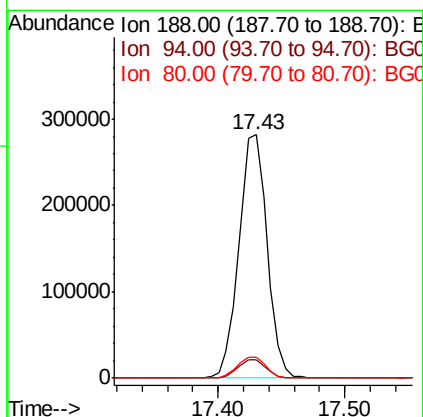
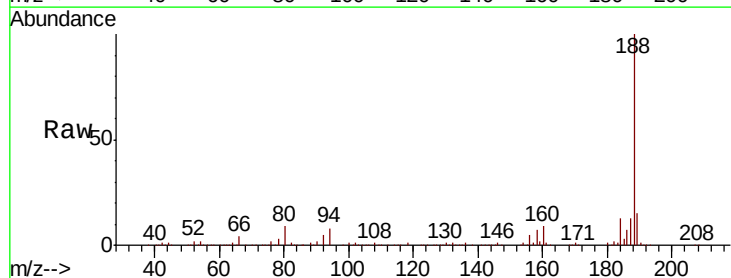
Instrument :
 BNA_G
 ClientSampleId :

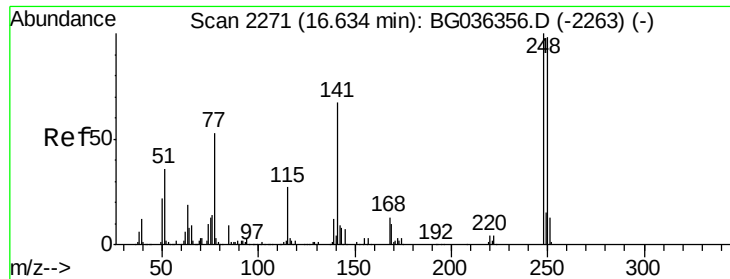
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG036501.D
 Acq: 31 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.5	8.1	12.1

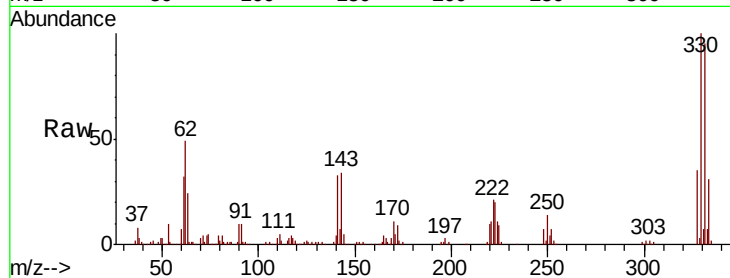




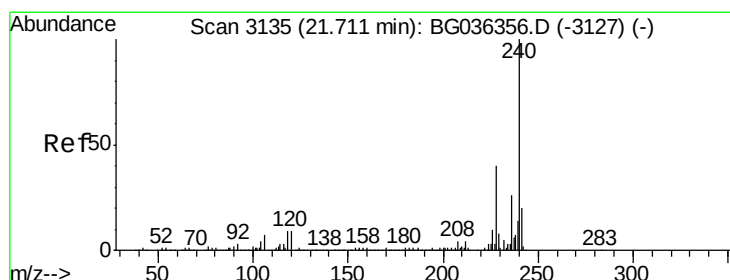
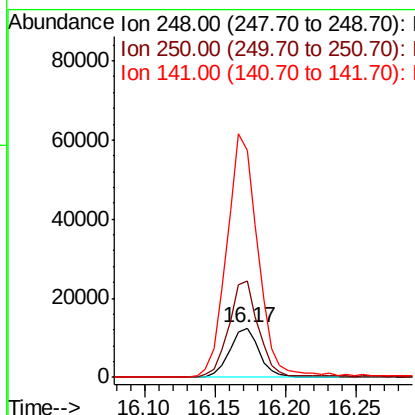
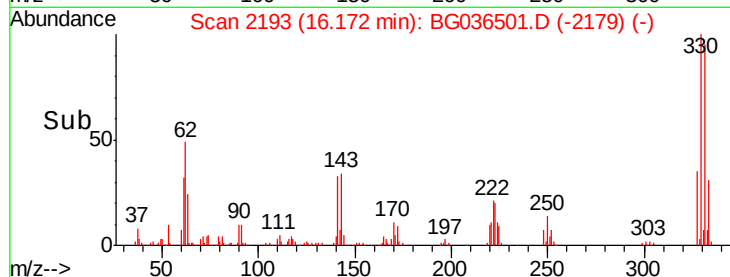
#66
 4-Bromophenyl-phenylether
 Concen: 3.605 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.45 min
 Lab File: BG036501.D
 Acq: 31 Aug 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18273
 Ion Ratio Lower Upper
 248 100
 250 194.2 78.1 117.1#
 141 460.2 53.7 80.5#

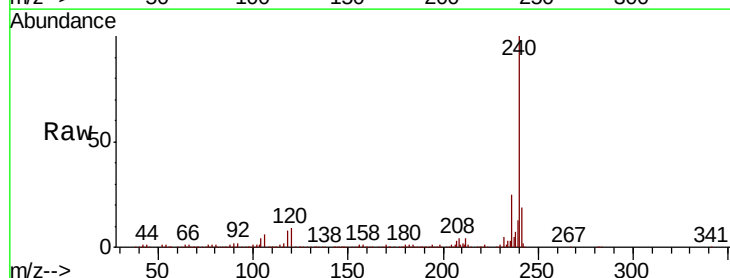


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

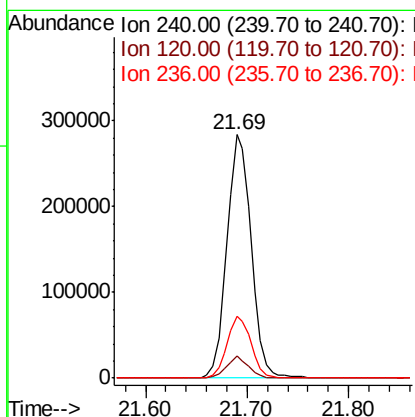
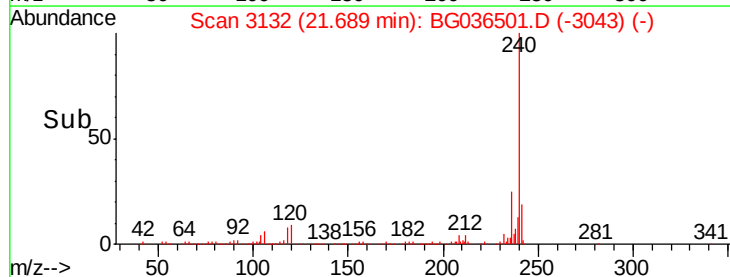


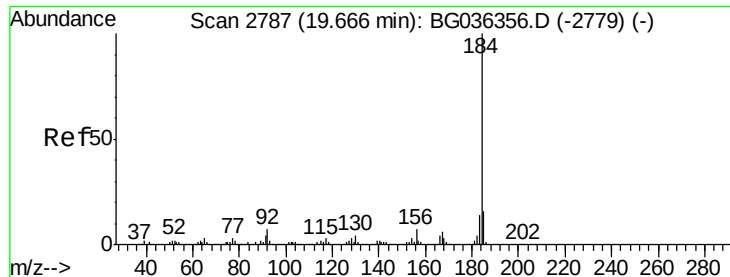
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036501.D
 Acq: 31 Aug 2018 11:57

Tgt Ion:240 Resp: 470852
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.9 10.3
 236 25.4 21.2 31.8



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

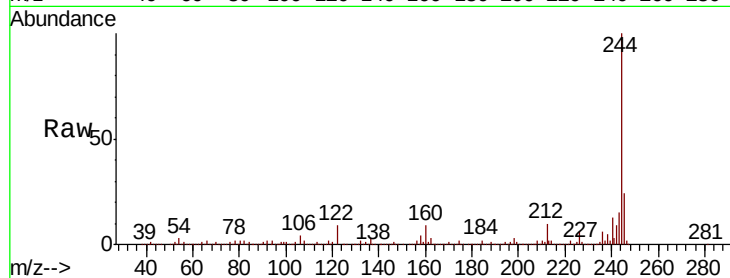




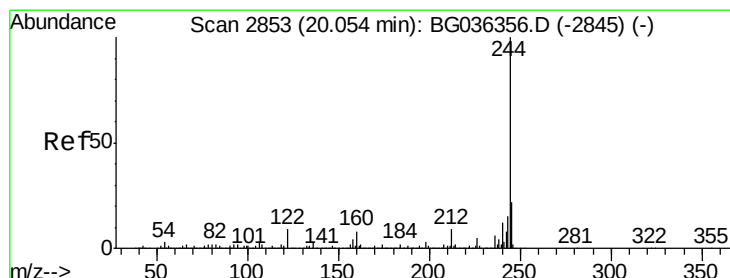
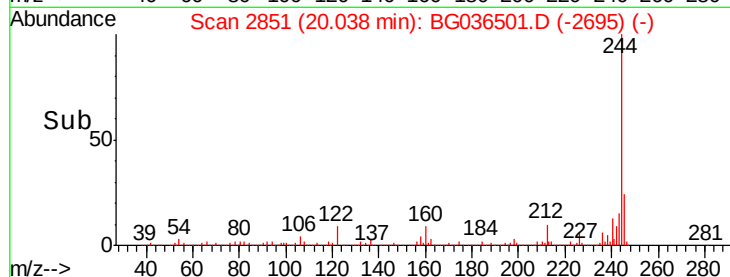
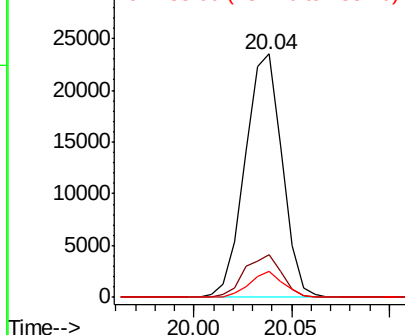
#76
Benzidine
Concen: 2.056 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.39 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 30893
Ion Ratio Lower Upper
184 100
185 17.7 12.6 18.8
183 10.6 10.9 16.3#

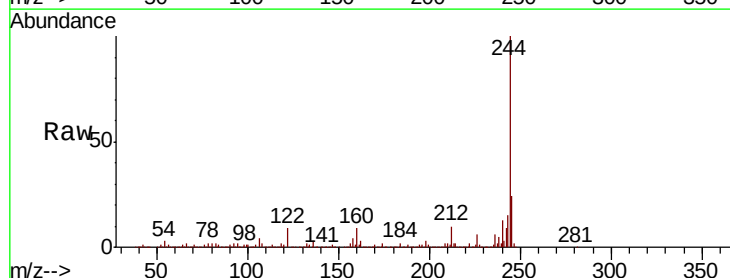


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

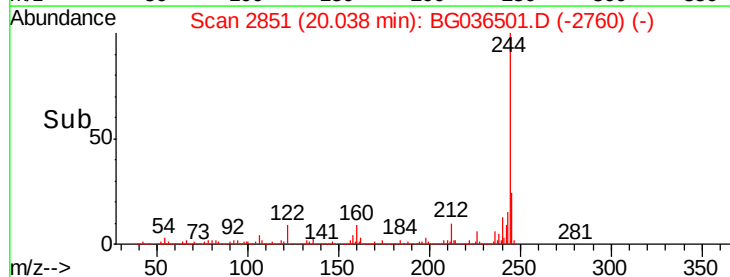
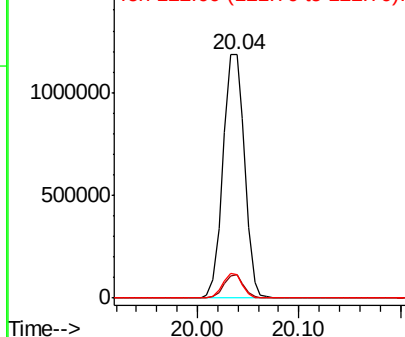


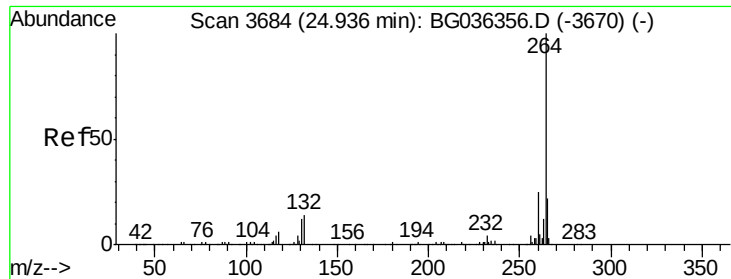
#78
Terphenyl-d14
Concen: 86.650 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Tgt Ion:244 Resp: 1745550
Ion Ratio Lower Upper
244 100
212 9.6 7.0 10.6
122 9.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036501.D
Acq: 31 Aug 2018 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.3	17.4	26.0

