

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036502.D
 Acq On : 31 Aug 2018 12:36
 Operator : JU/SJ
 Sample : J4677-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 13:20:22 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

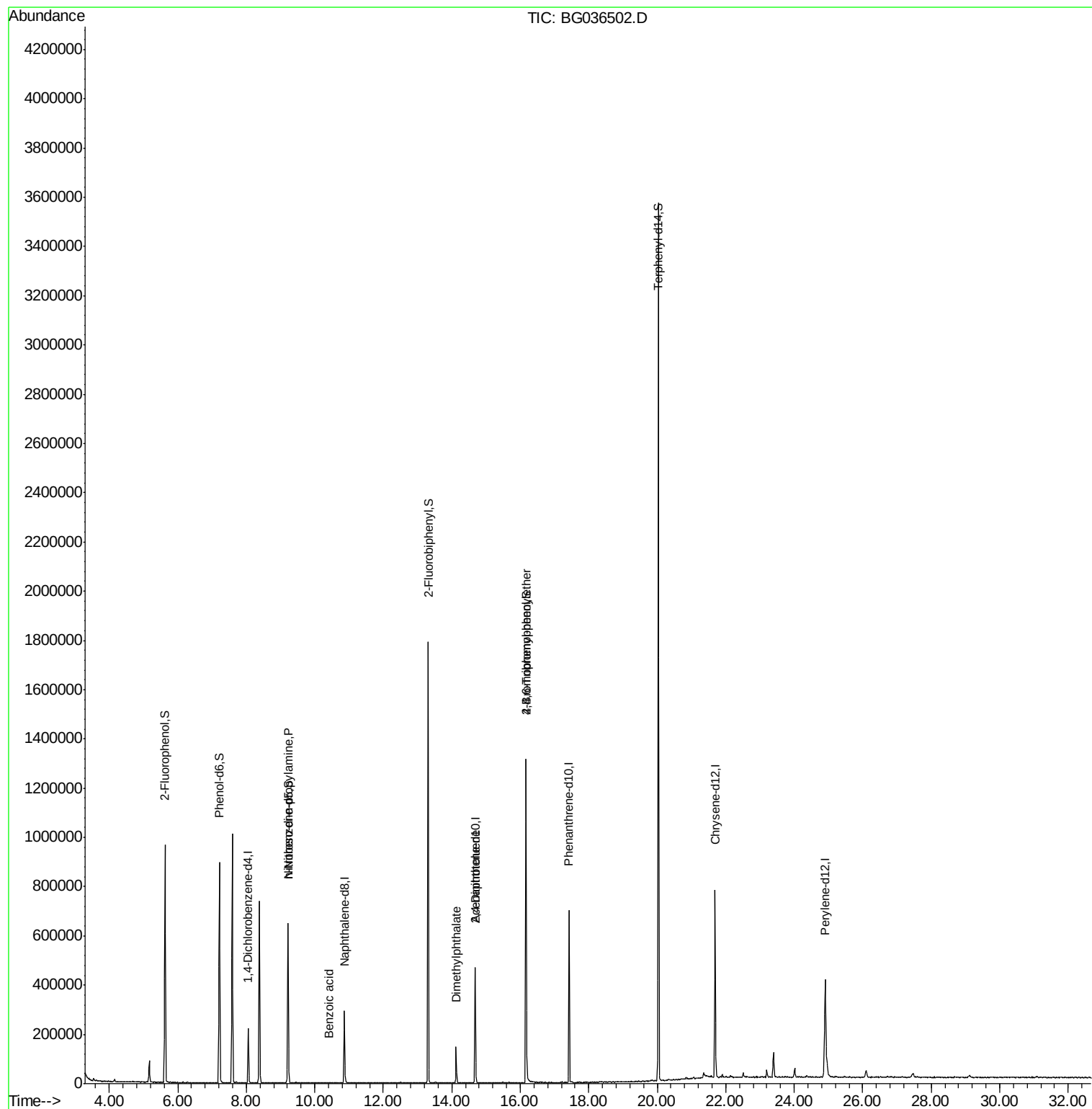
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61601	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	249809	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167280	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	438959	20.00	ng	0.00
75) Chrysene-d12	21.69	240	471427	20.00	ng	0.00
86) Perylene-d12	24.90	264	460021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	408433	105.18	ng	0.00
7) Phenol-d6	7.21	99	505073	90.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	393737	85.52	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	242089	121.29	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	902963	77.07	ng	0.00
78) Terphenyl-d14	20.03	244	1647617	81.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53421	12.856	ng	# 70
32) Benzoic acid	10.41	122	53	4.497	ng	# 1
49) Dimethylphthalate	14.13	163	98658	7.223	ng	97
56) 2,4-Dinitrotoluene	14.69	165	21197	5.786	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	16226	3.157	ng	# 1

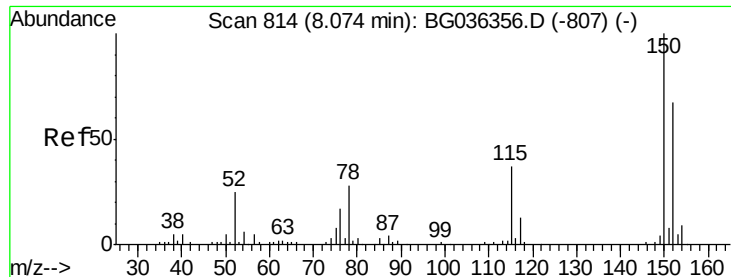
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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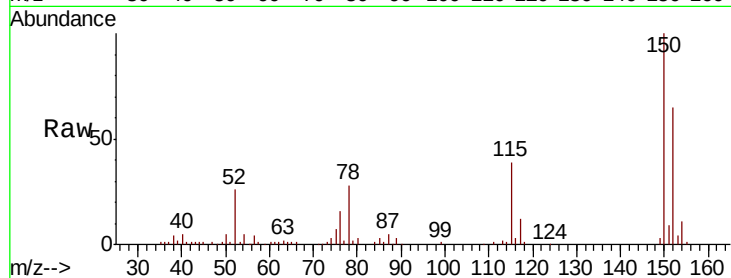


#1

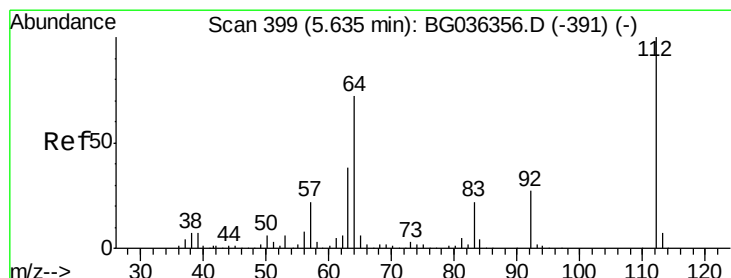
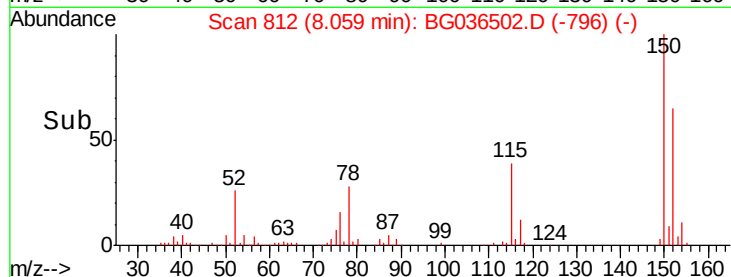
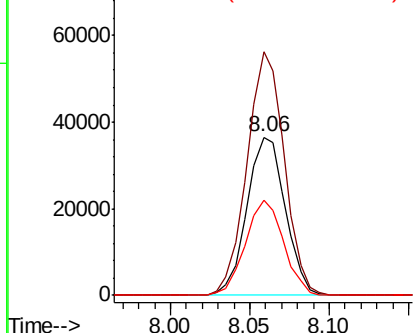
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036502.D
 Acq: 31 Aug 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	60.4	44.5	66.7



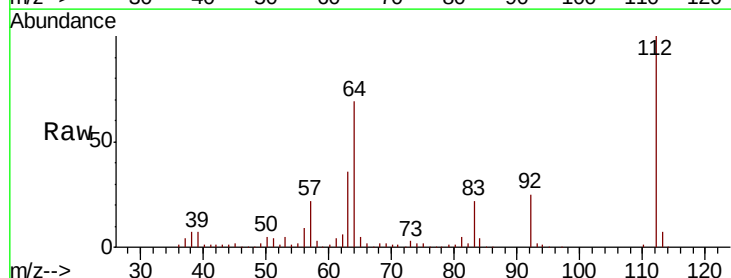
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



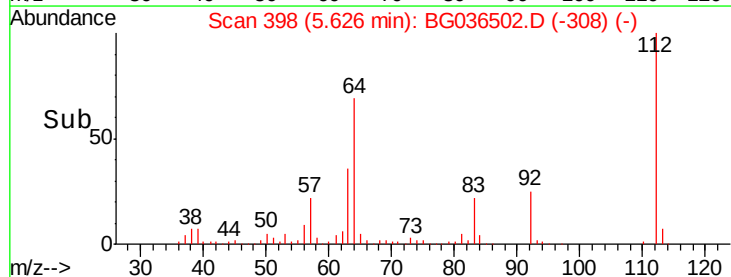
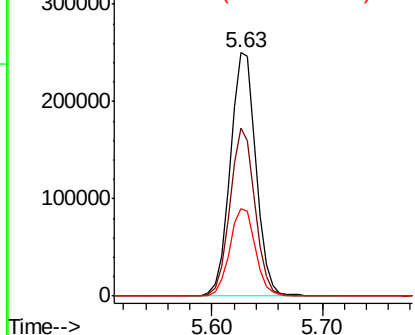
#5

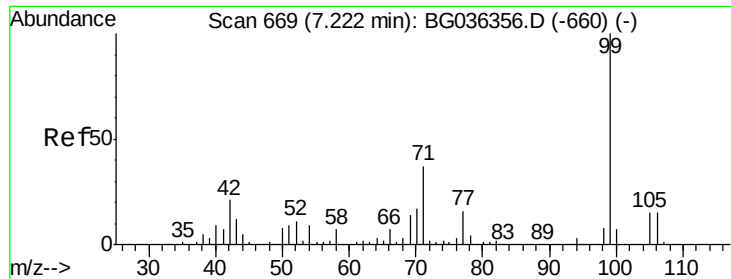
2-Fluorophenol
 Concen: 105.176 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036502.D
 Acq: 31 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	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: 90.841 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

Instrument :

BNA_G

ClientSampleId :

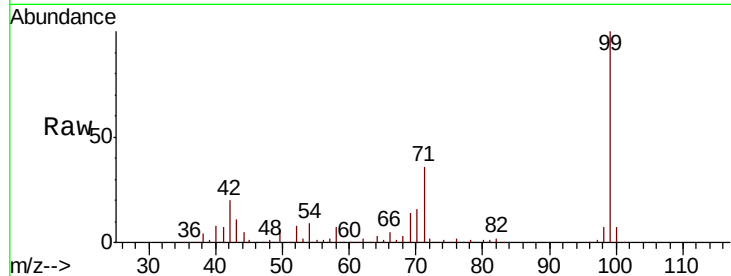
Tot Ion: 99 Resp: 505073

Ion Ratio Lower Upper

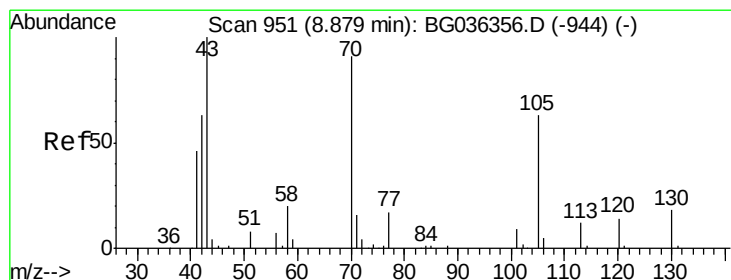
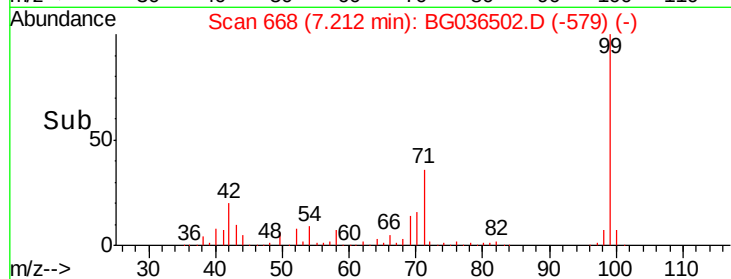
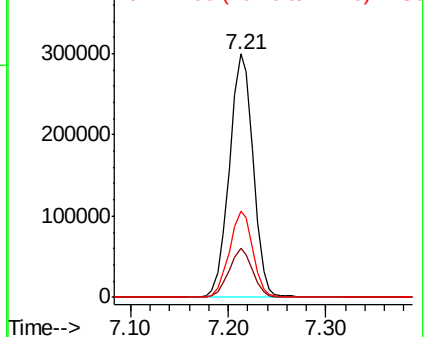
99 100

42 20.0 16.5 24.7

71 35.6 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: 12.856 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

Tgt Ion: 70 Resp: 53421

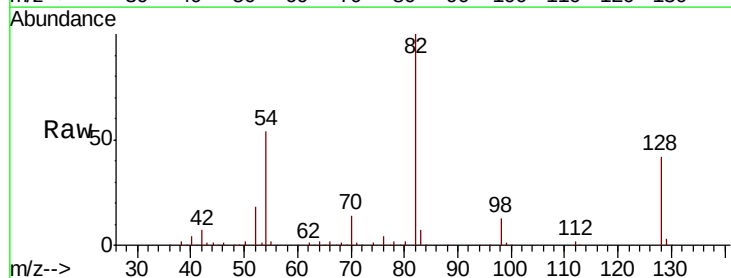
Ion Ratio Lower Upper

70 100

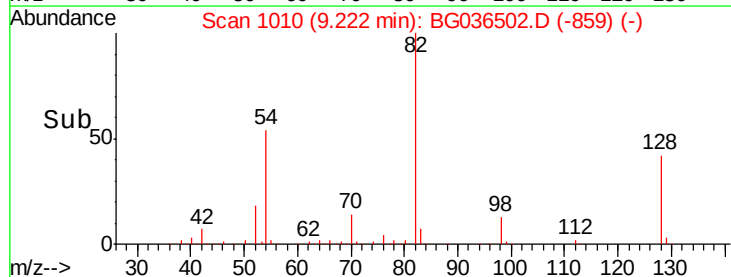
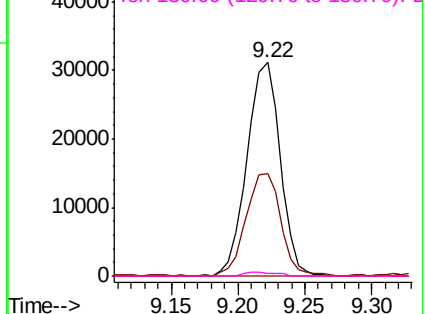
42 47.9 56.2 84.4#

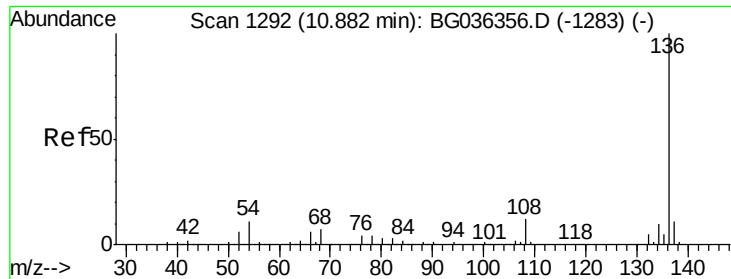
101 0.0 7.8 11.6#

130 1.3 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

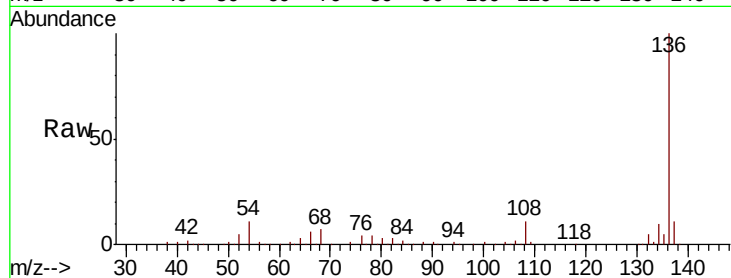




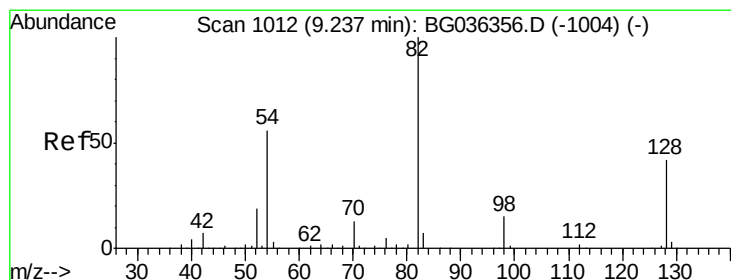
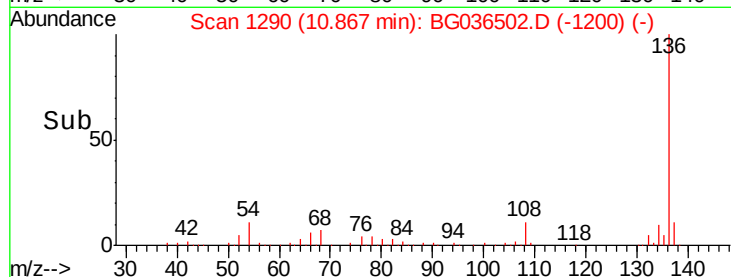
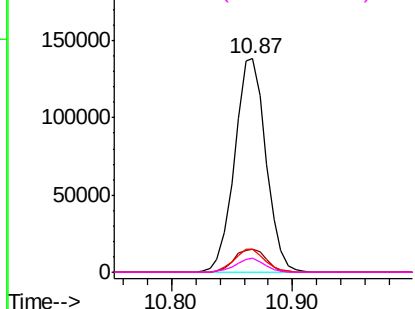
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	249809
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.0	9.2	13.8
68	6.8	5.8	8.6

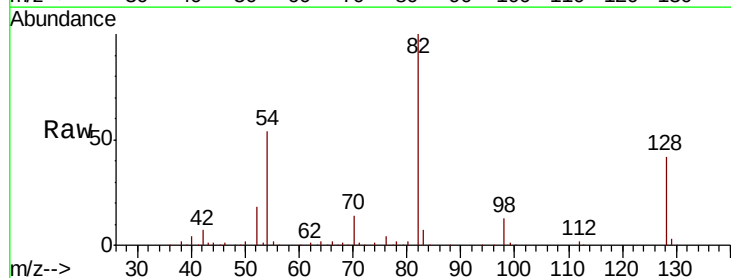


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

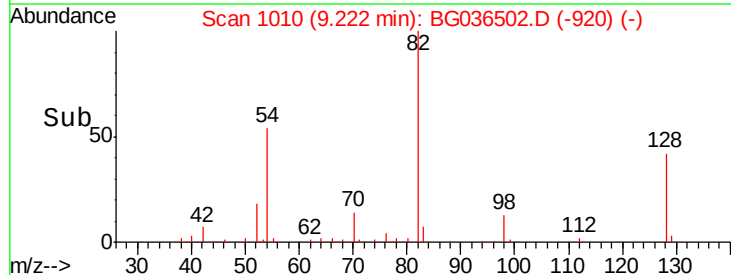
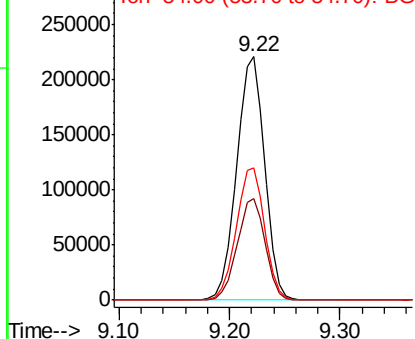


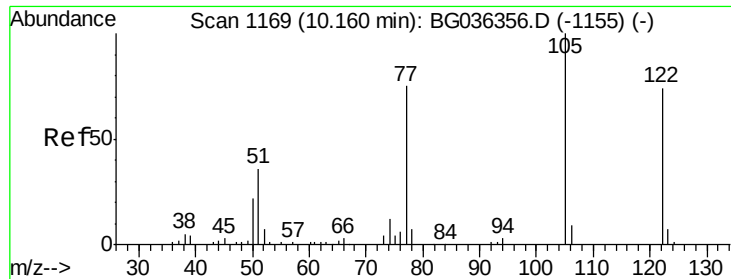
#23
Nitrobenzene-d5
Concen: 85.517 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

Tgt Ion:	82	Resp:	393737
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	54.3	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

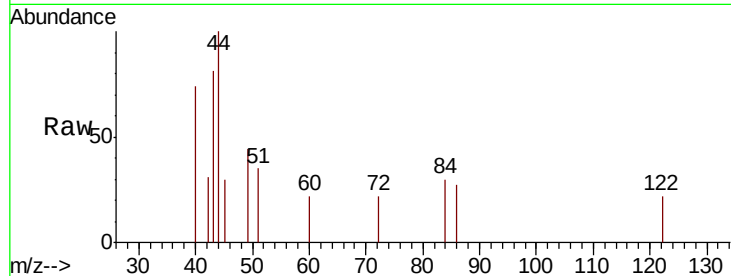




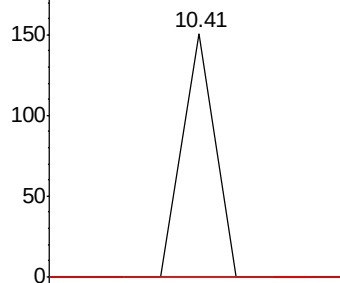
#32
Benzoic acid
Concen: 4.497 ng
RT: 10.41 min Scan# 1212
Delta R.T. 0.25 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

Instrument :
BNA_G
ClientSampleId :

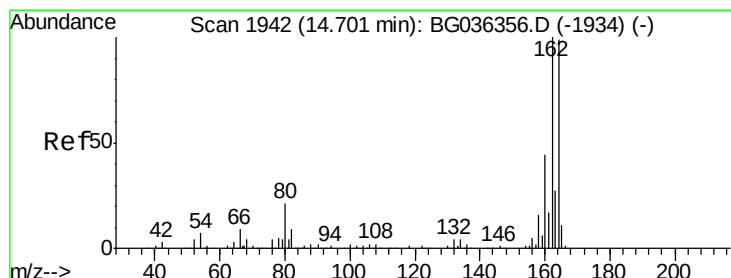
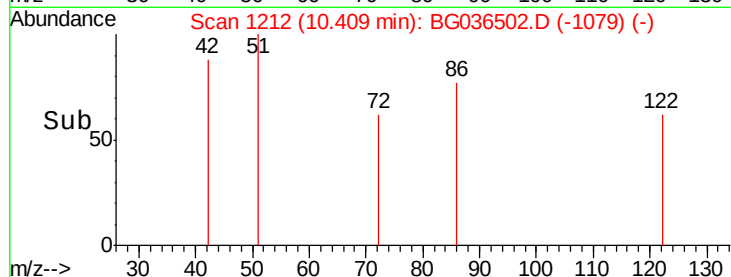
Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

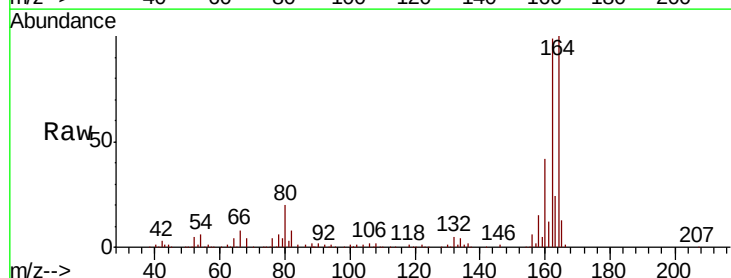


Time-->

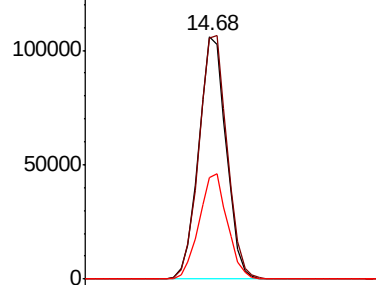


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

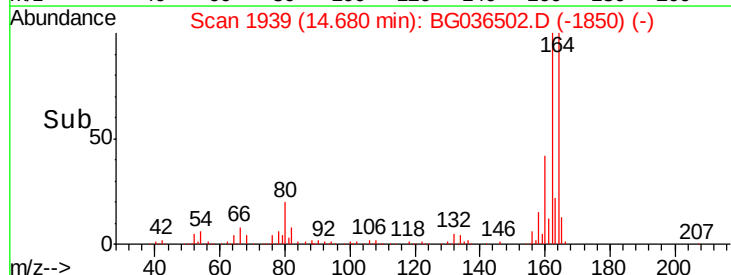
Tgt Ion:164 Resp: 167280
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 42.1 35.3 52.9

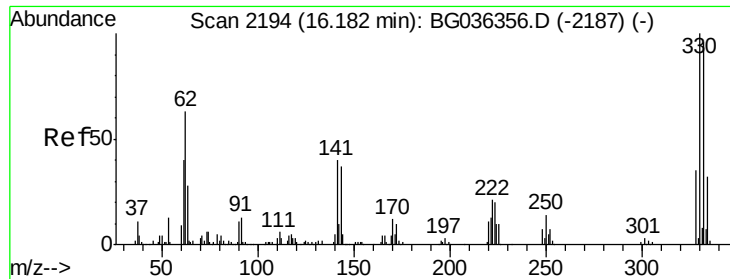


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

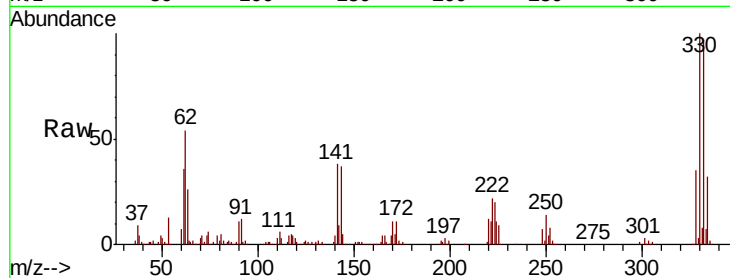




#41
 2,4,6-Tribromophenol
 Concen: 121.286 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036502.D
 Acq: 31 Aug 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.7	30.7	46.1

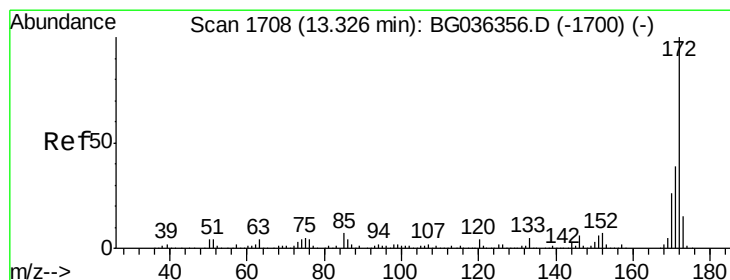
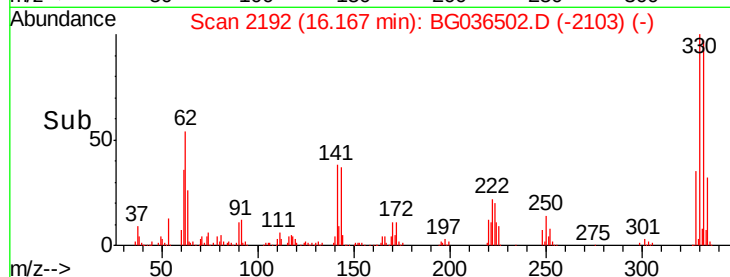
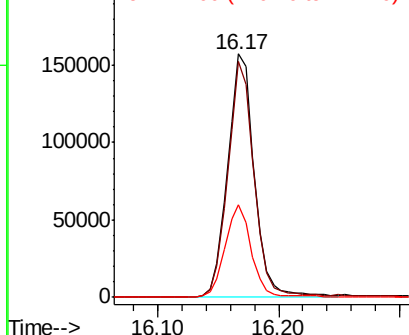


Abundance

Ion 329.80 (329.50 to 330.50): E

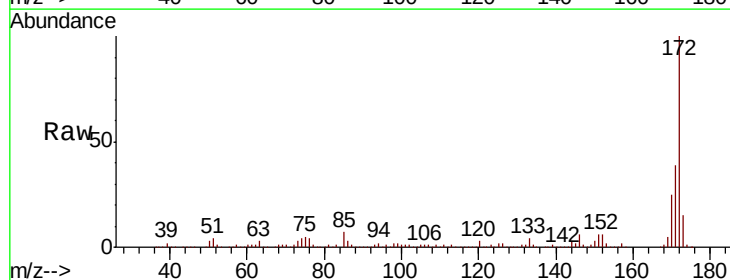
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.072 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036502.D
 Acq: 31 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.3	21.0	31.6

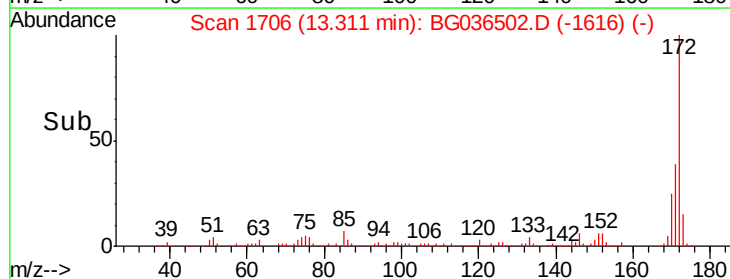
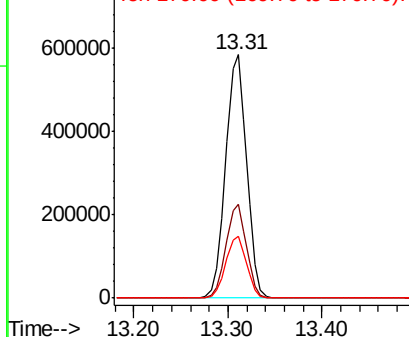


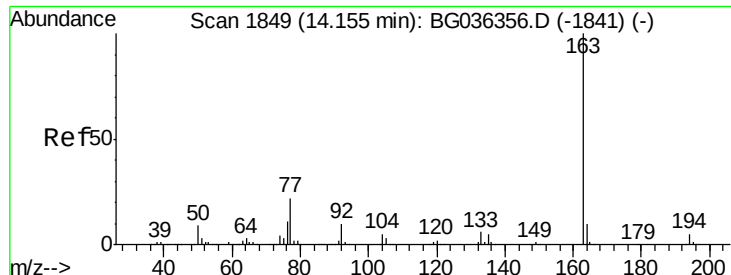
Abundance

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





#49

Dimethylphthalate

Concen: 7.223 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

Instrument :

BNA_G

ClientSampleId :

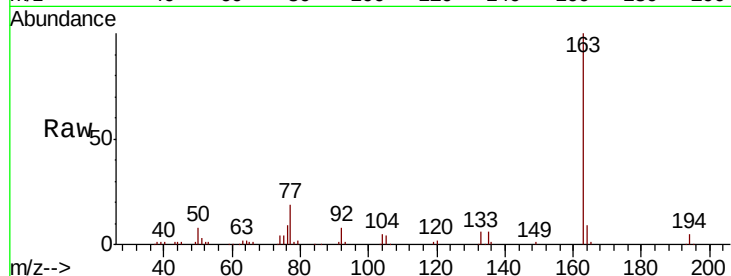
Tot Ion:163 Resp: 98658

Ion Ratio Lower Upper

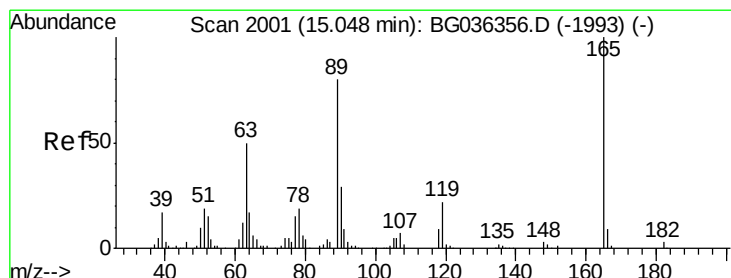
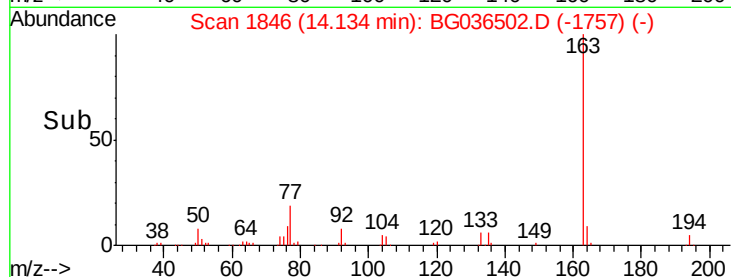
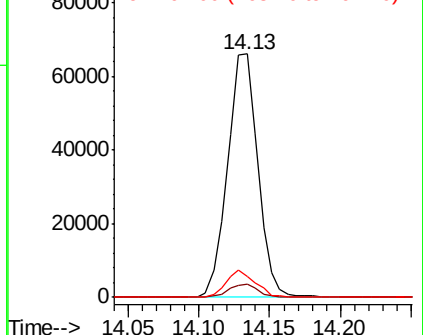
163 100

194 5.3 4.0 6.0

164 8.7 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: 5.786 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.35 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

Tgt Ion:165 Resp: 21197

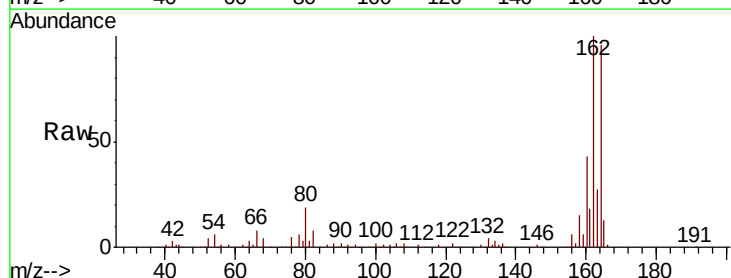
Ion Ratio Lower Upper

165 100

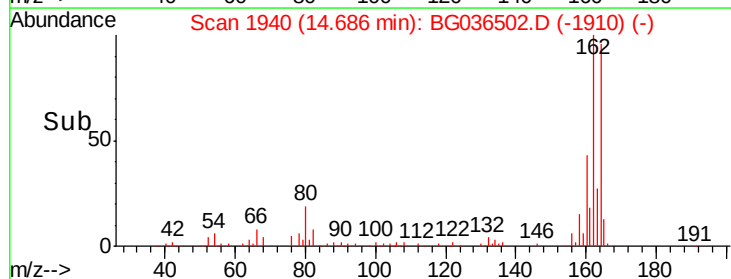
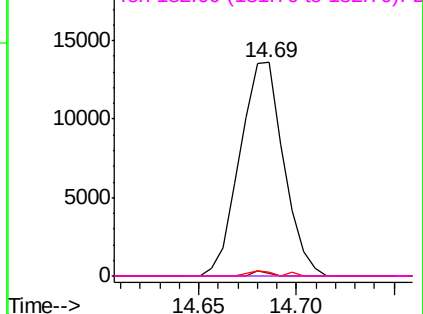
63 1.4 40.1 60.1#

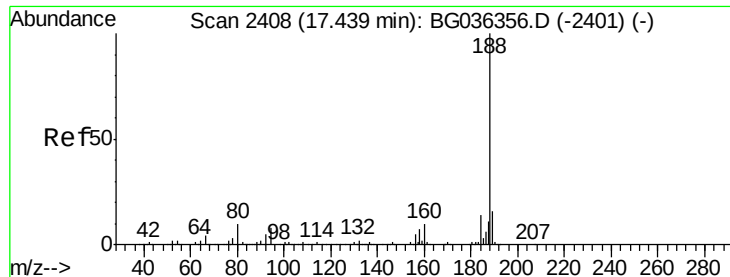
89 1.6 63.7 95.5#

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

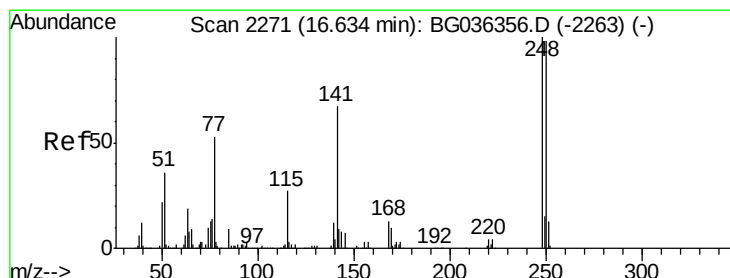
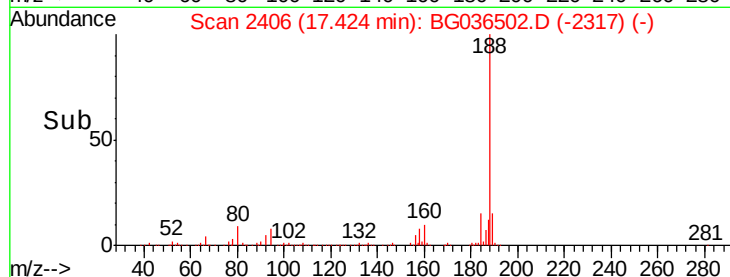
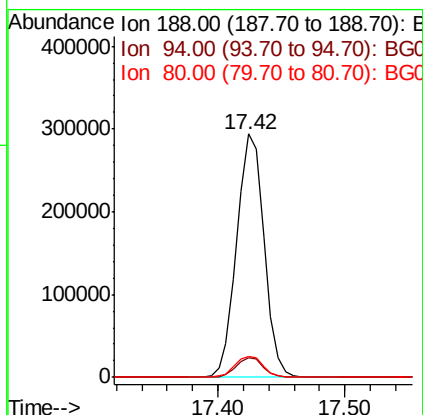
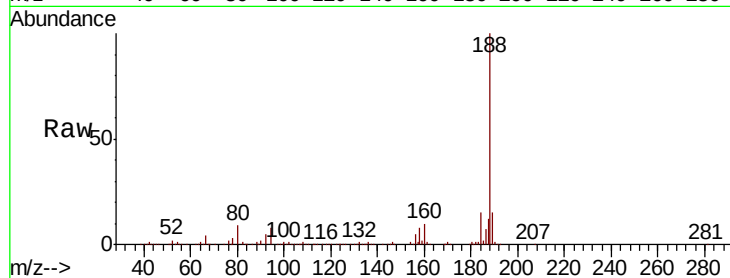




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

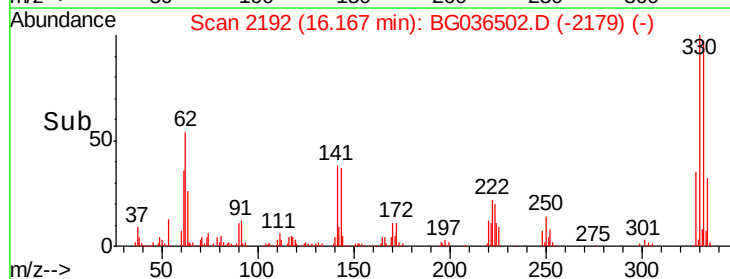
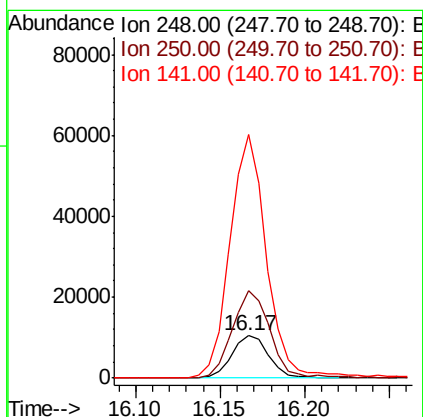
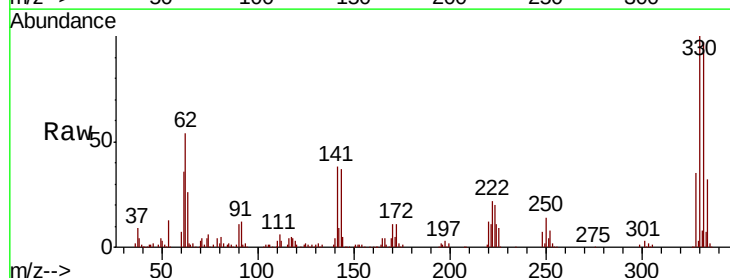
Instrument :
BNA_G
ClientSampleId :

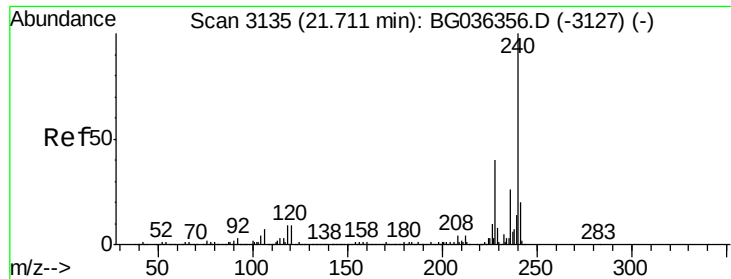
Tot Ion:188 Resp: 438959
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.7 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036502.D
Acq: 31 Aug 2018 12:36

Tgt Ion:248 Resp: 16226
Ion Ratio Lower Upper
248 100
250 206.5 78.1 117.1#
141 575.0 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

Instrument :

BNA_G

ClientSampleId :

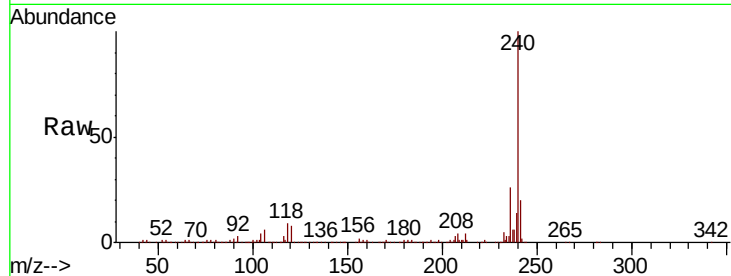
Tot Ion:240 Resp: 471427

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

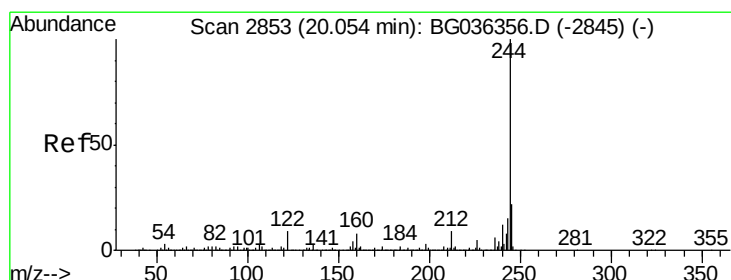
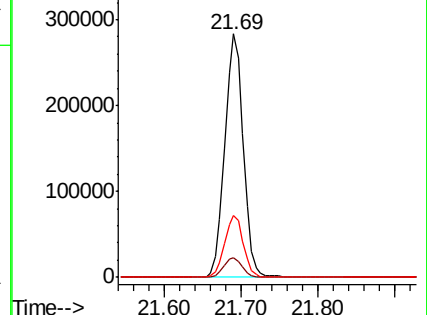
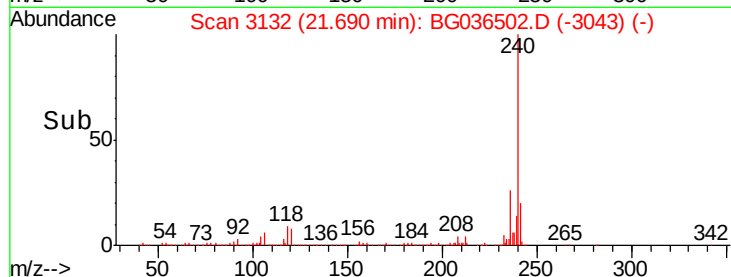
236 25.7 21.2 31.8



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



#78

Terphenyl-d14

Concen: 81.689 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036502.D

Acq: 31 Aug 2018 12:36

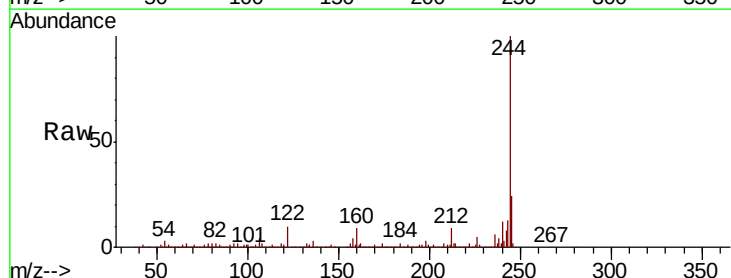
Tgt Ion:244 Resp: 1647617

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

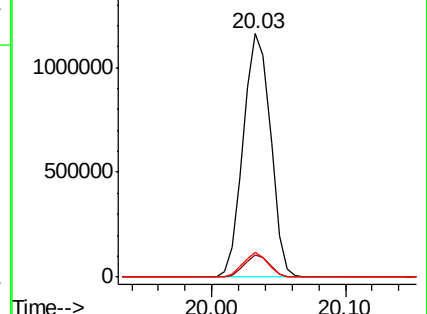
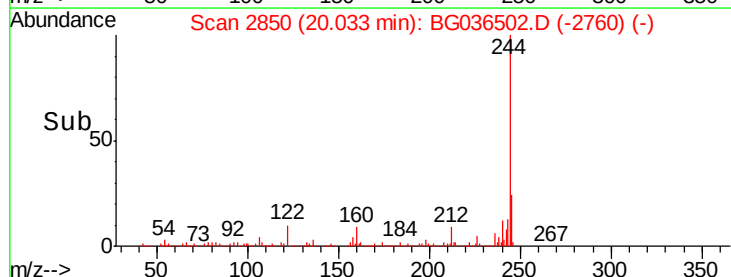
122 10.1 7.1 10.7

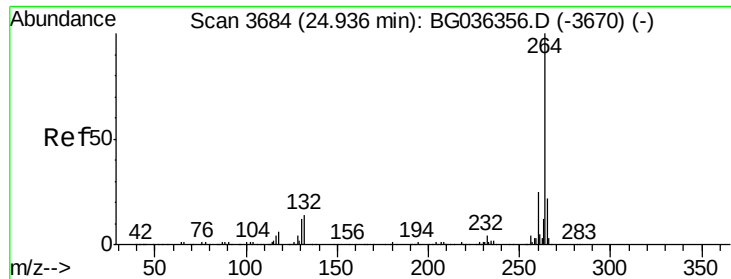


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036502.D
Acq: 31 Aug 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	23.0	17.4	26.0

