

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036521.D
 Acq On : 1 Sep 2018 1:38
 Operator : JU/SJ
 Sample : J4726-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 02:38:08 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

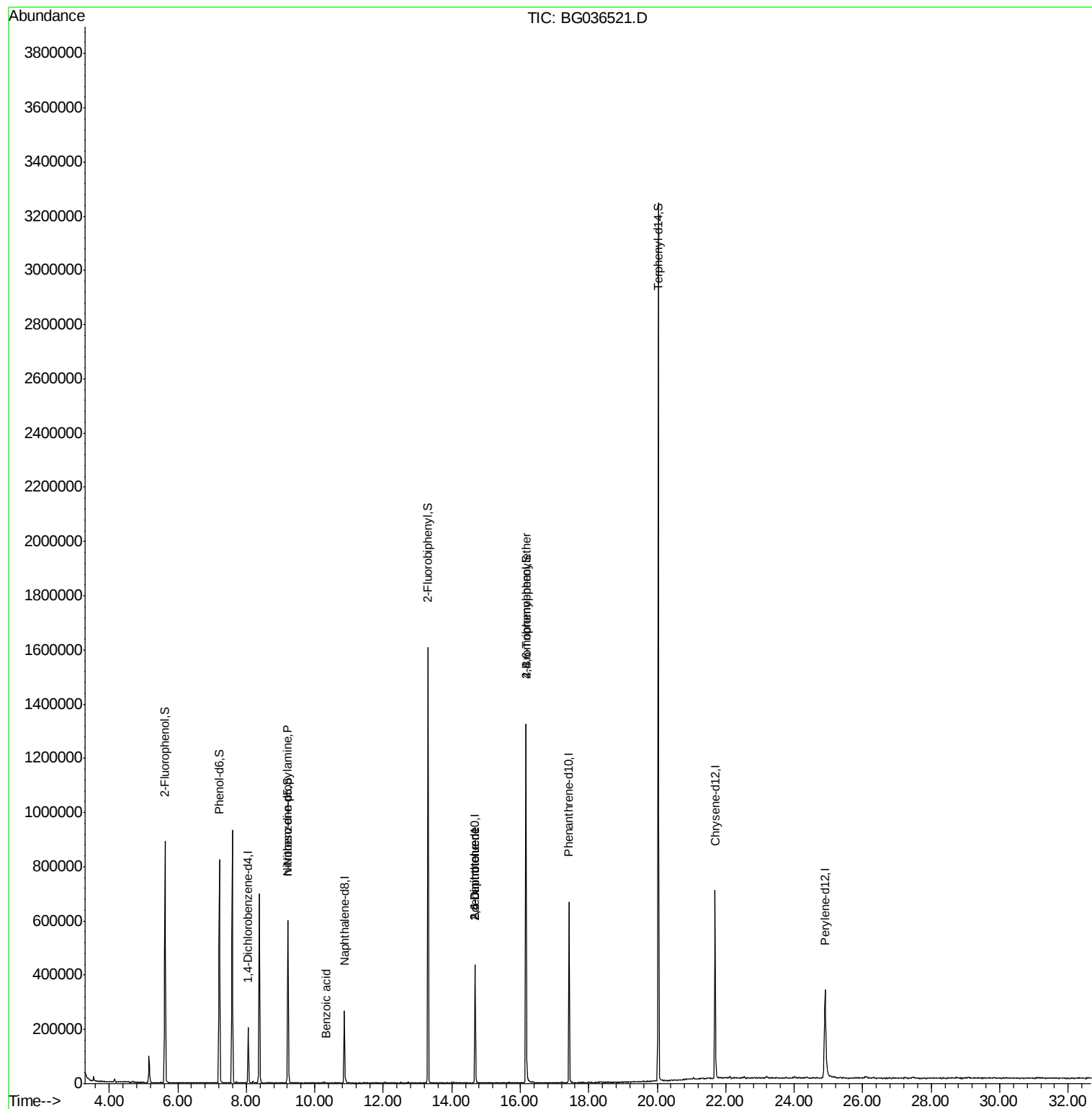
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58281	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	233365	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152397	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420271	20.00	ng	0.00
75) Chrysene-d12	21.69	240	450334	20.00	ng	0.00
86) Perylene-d12	24.90	264	414761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	371854	101.21	ng	0.00
7) Phenol-d6	7.21	99	469537	89.26	ng	0.00
23) Nitrobenzene-d5	9.22	82	357107	83.03	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	252881	139.07	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	839324	78.64	ng	0.00
78) Terphenyl-d14	20.03	244	1563097	81.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48019	12.214	ng	# 72
32) Benzoic acid	10.33	122	62	4.501	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	20114	7.855	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20114	6.027	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17360	3.528	ng	# 1

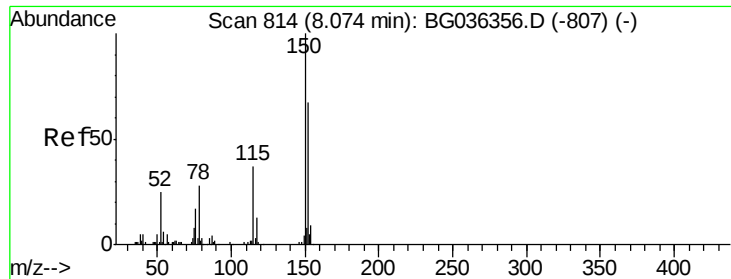
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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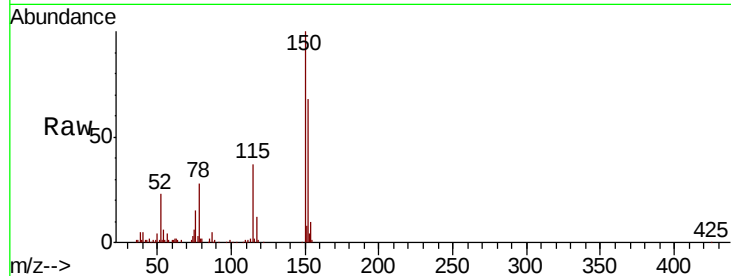


#1

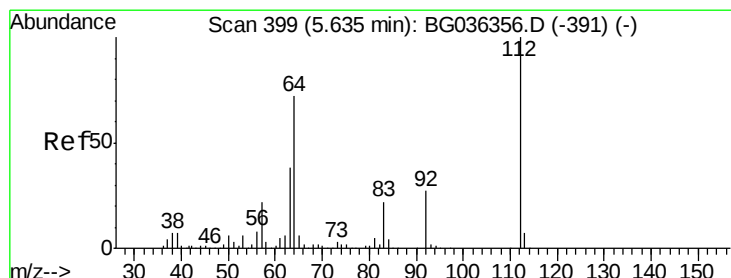
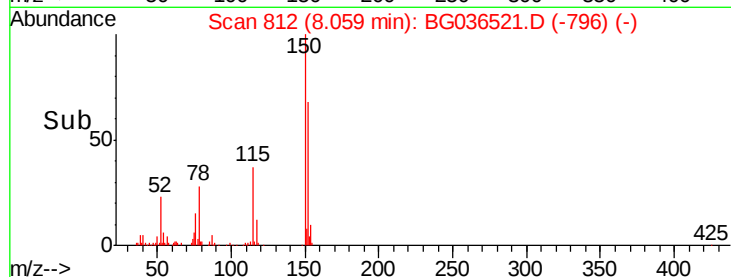
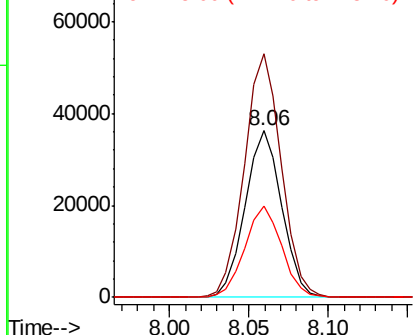
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	119.5	179.3
115	54.5	44.5	66.7



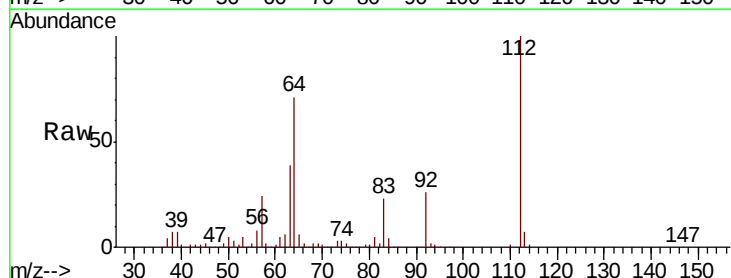
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



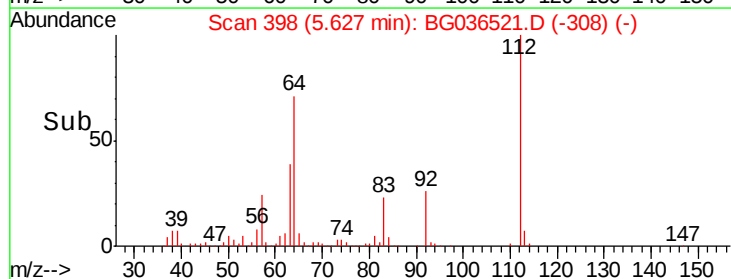
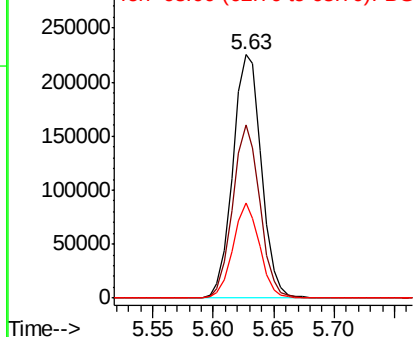
#5

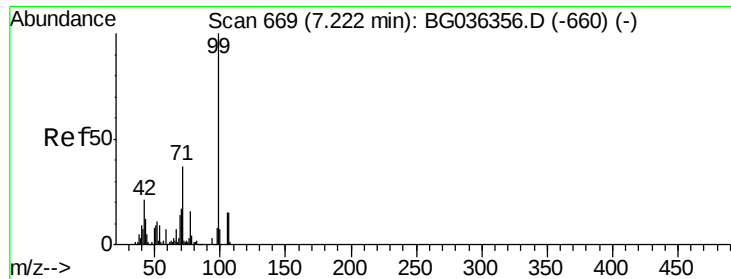
2-Fluorophenol
Concen: 101.211 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	39.0	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: 89.260 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

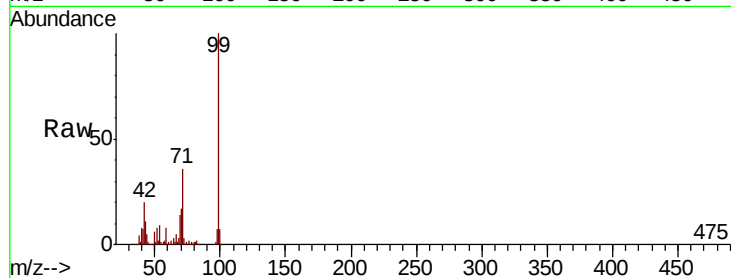
Tot Ion: 99 Resp: 469537

Ion Ratio Lower Upper

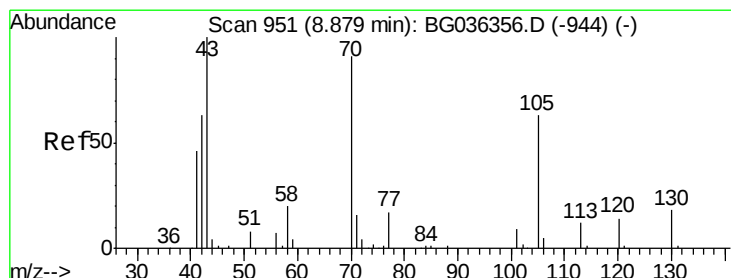
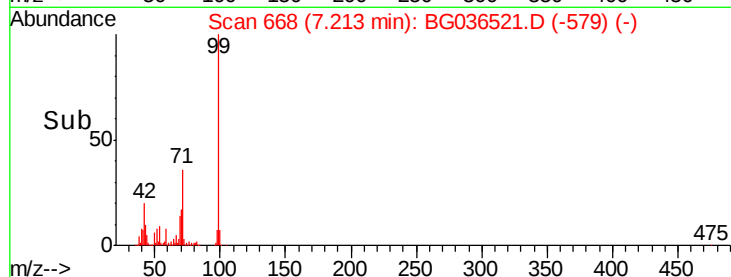
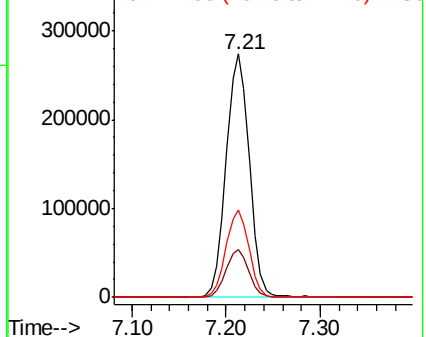
99 100

42 19.5 16.5 24.7

71 36.0 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: 12.214 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Tgt Ion: 70 Resp: 48019

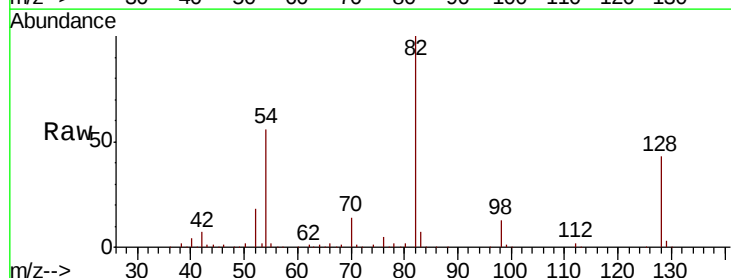
Ion Ratio Lower Upper

70 100

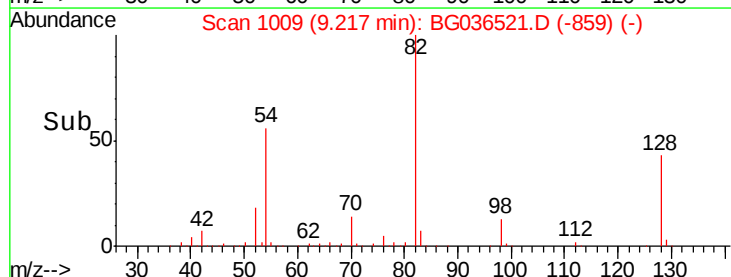
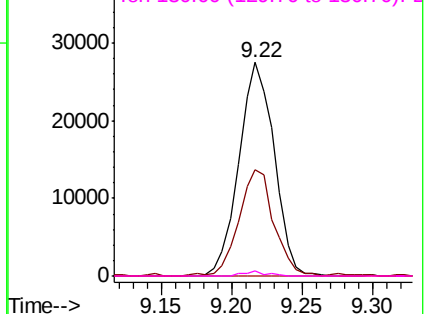
42 49.5 56.2 84.4#

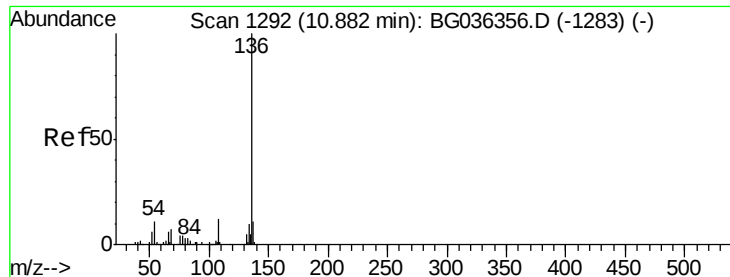
101 0.0 7.8 11.6#

130 2.4 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

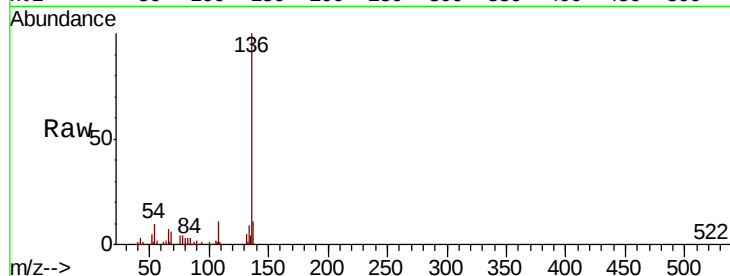




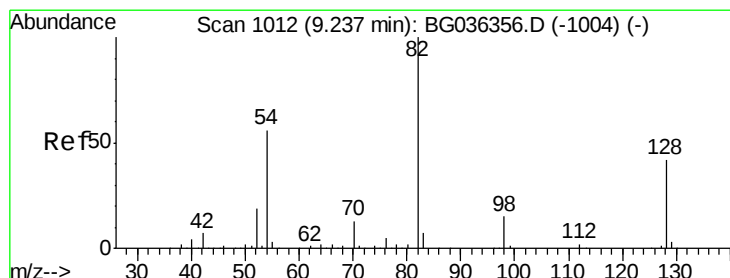
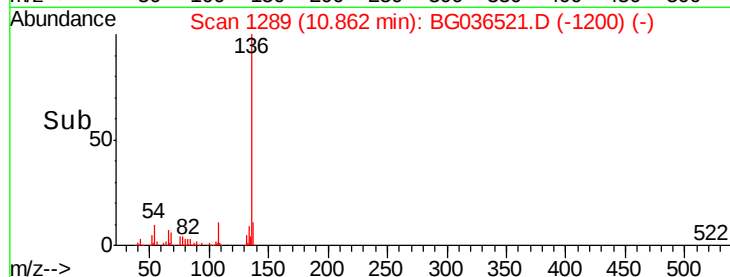
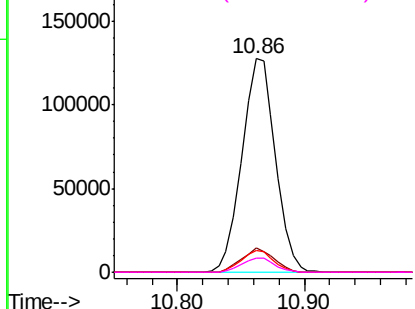
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	233365
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	10.2	9.2 13.8
68	6.4	5.8 8.6

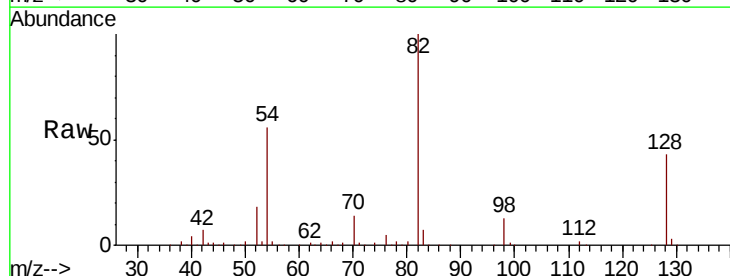


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

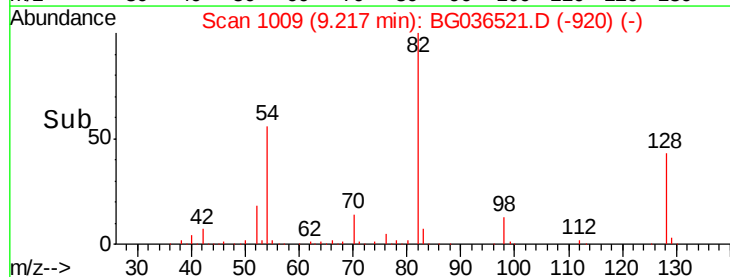
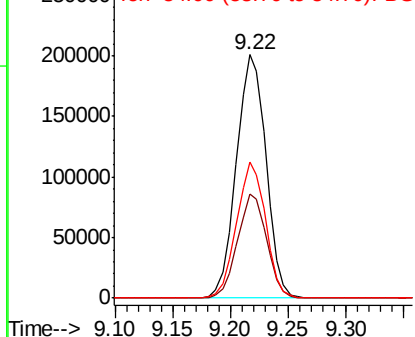


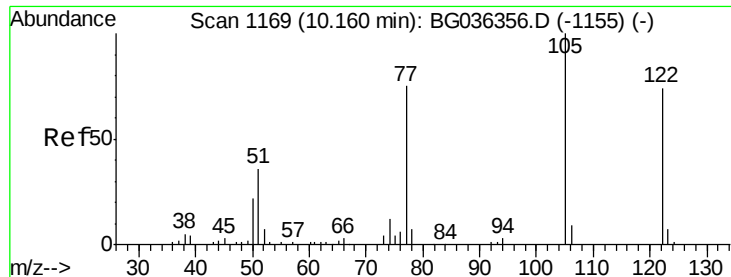
#23
Nitrobenzene-d5
Concen: 83.026 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Tgt Ion: 82	Resp:	357107
Ion	Ratio	Lower Upper
82	100	
128	43.0	33.3 49.9
54	55.8	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

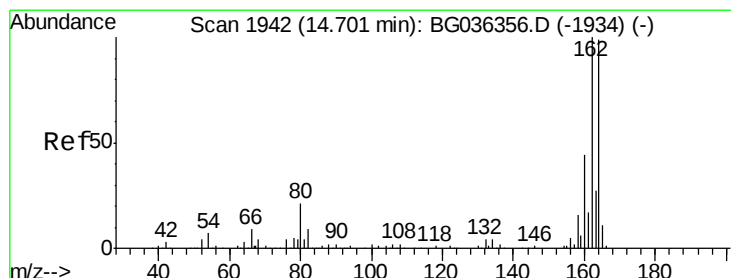
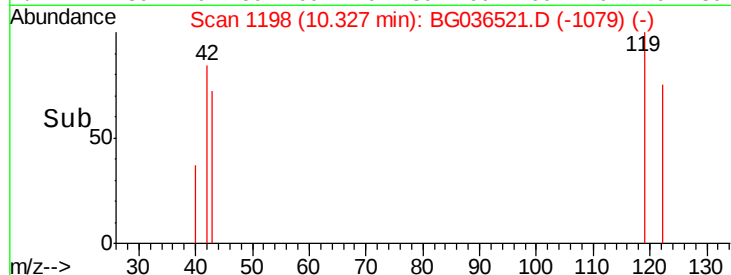
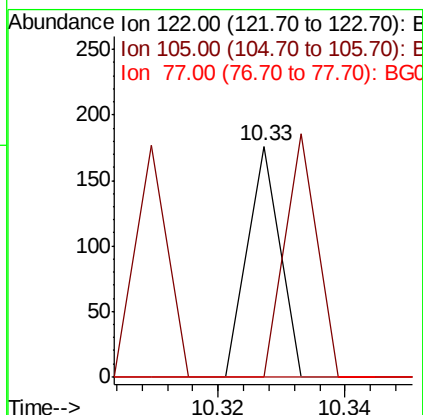
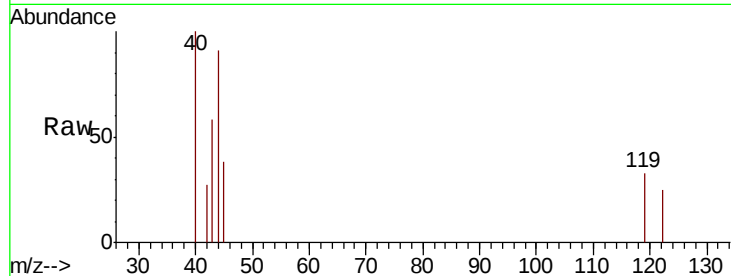




#32
Benzoic acid
Concen: 4.501 ng
RT: 10.33 min Scan# 1198
Delta R.T. 0.17 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

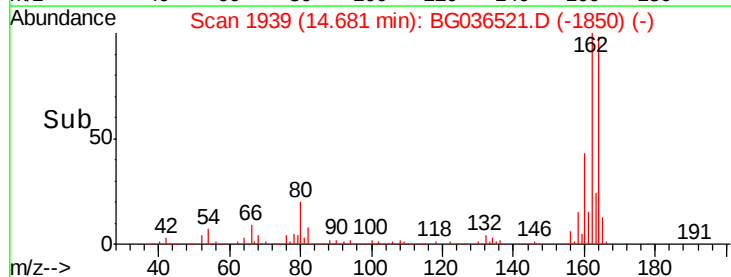
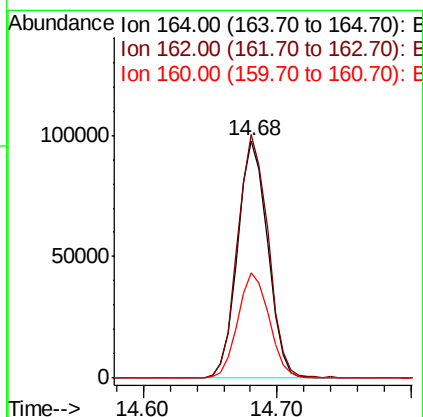
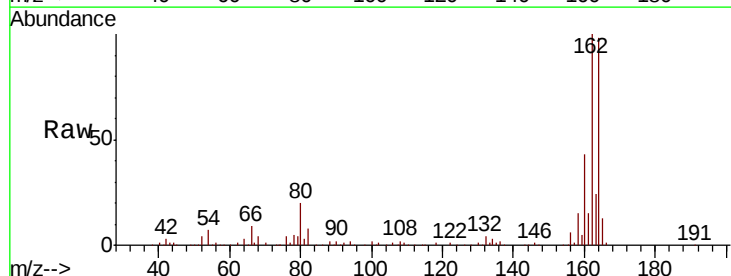
Instrument :
BNA_G
ClientSampled :

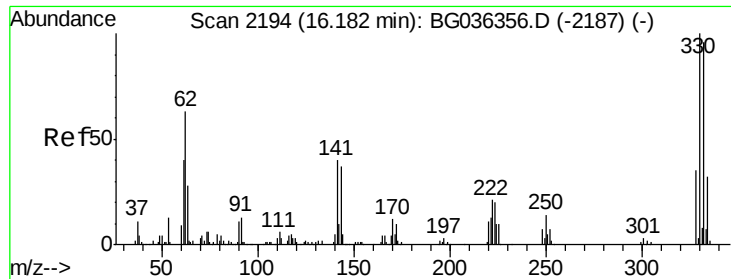
Tot Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Tgt Ion:164 Resp: 152397
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 44.1 35.3 52.9

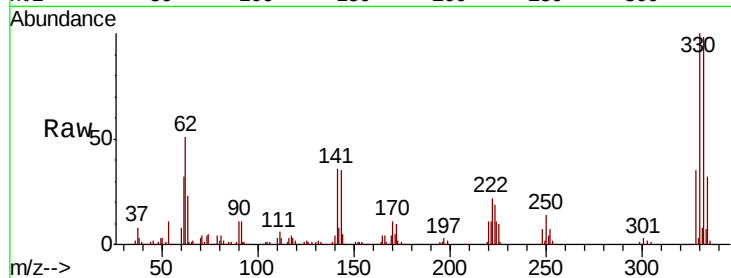




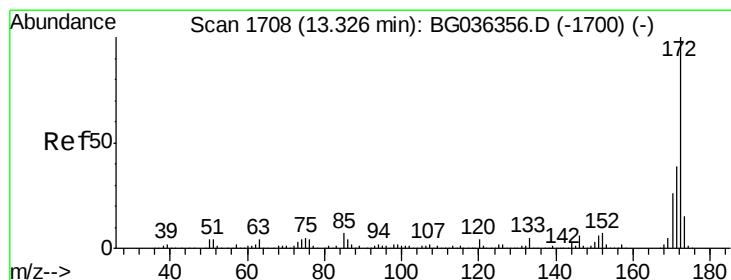
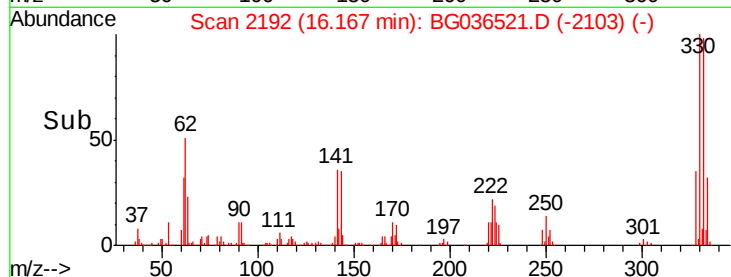
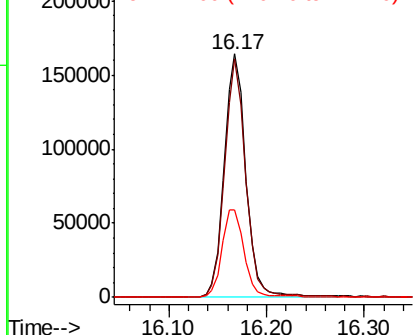
#41
 2,4,6-Tribromophenol
 Concen: 139.065 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 252881
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.2
 141 36.8 30.7 46.1

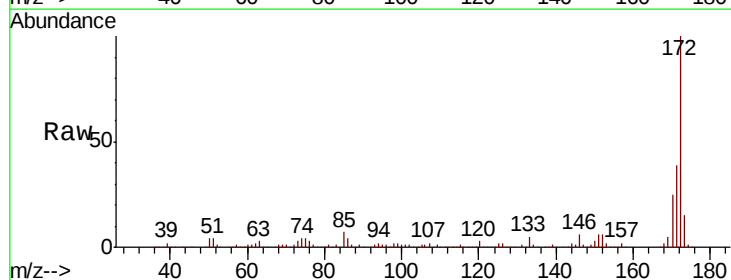


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

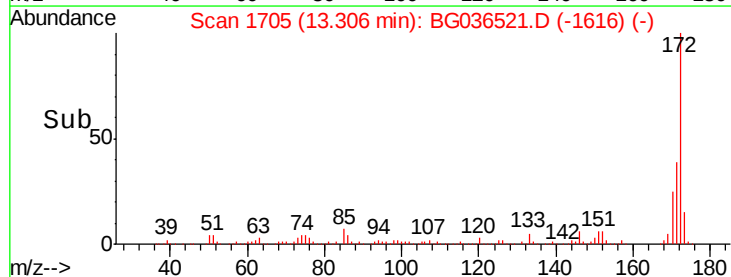
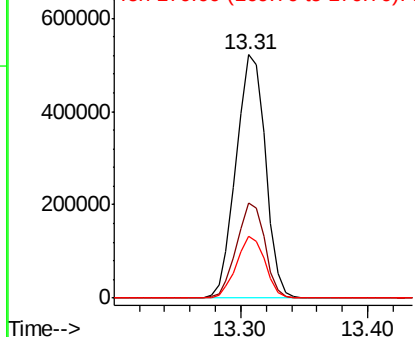


#44
 2-Fluorobiphenyl
 Concen: 78.637 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Tgt Ion:172 Resp: 839324
 Ion Ratio Lower Upper
 172 100
 171 39.2 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





#50

2,6-Dinitrotoluene

Concen: 7.855 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.42 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

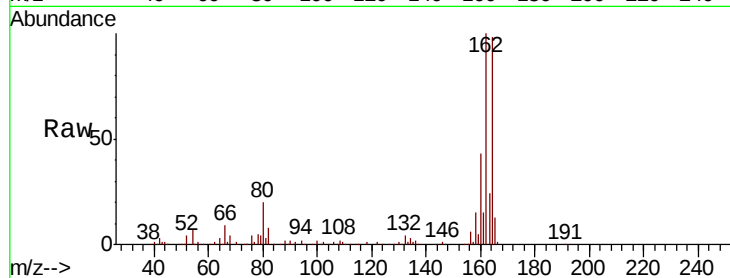
Tot Ion:165 Resp: 20114

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

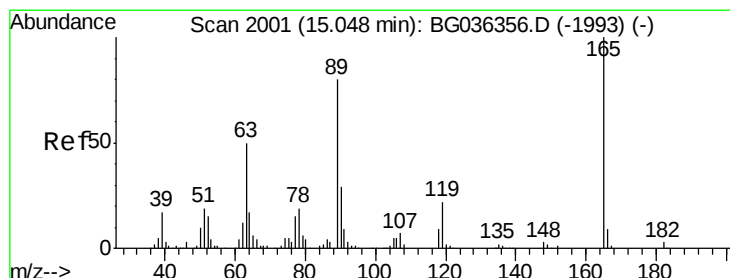
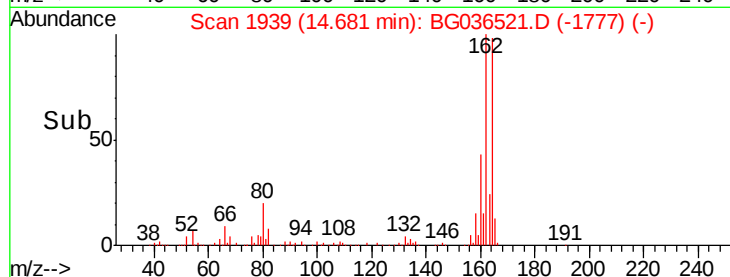
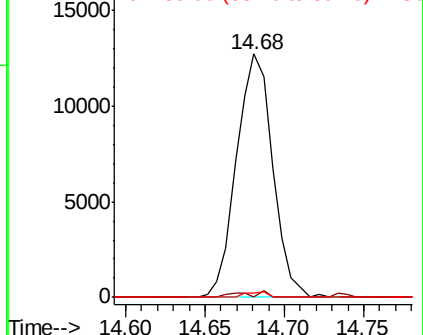
89 1.8 47.8 71.6#



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: 6.027 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Tgt Ion:165 Resp: 20114

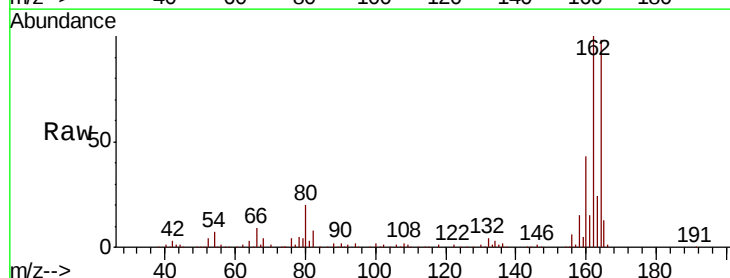
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 1.8 63.7 95.5#

182 0.0 2.5 3.7#

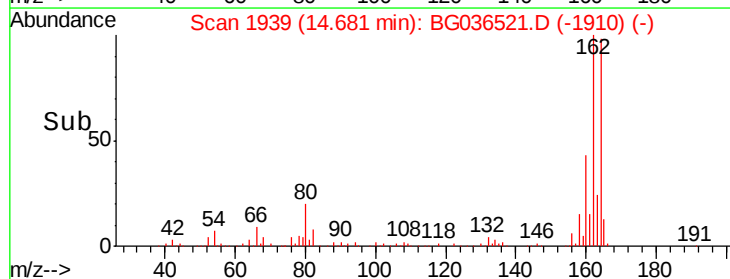
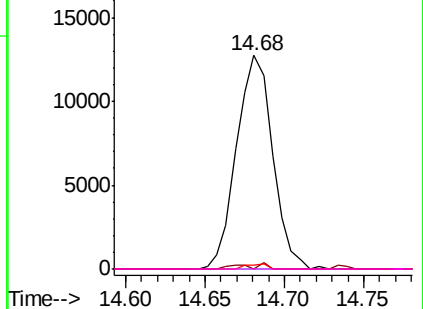


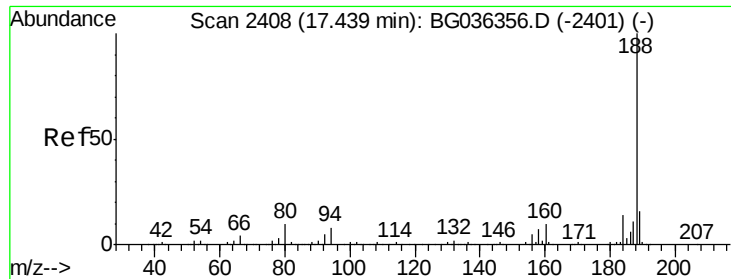
Abundance Ion 165.00 (164.70 to 165.70): E

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

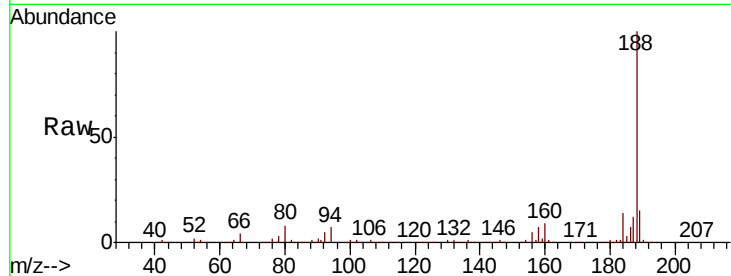




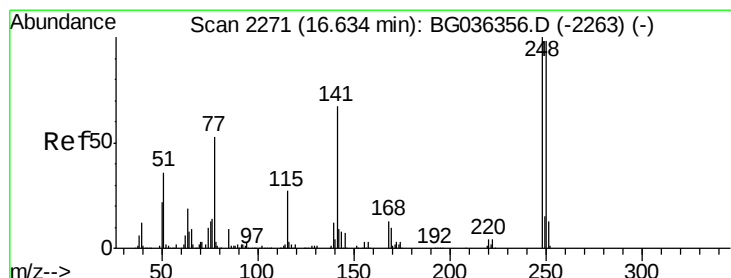
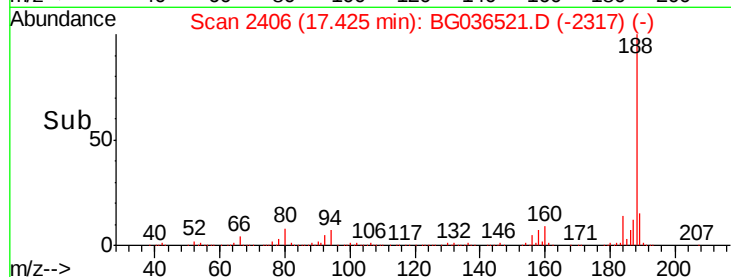
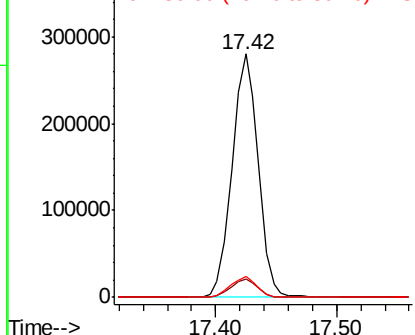
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 420271
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.4 8.1 12.1

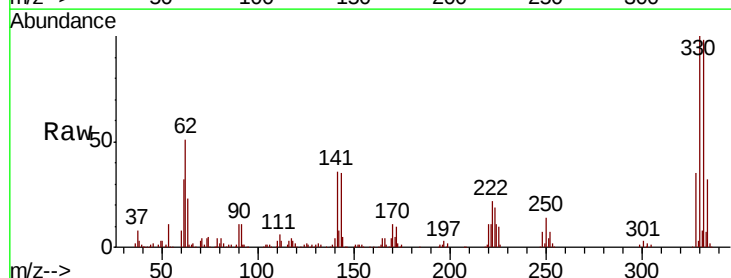


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

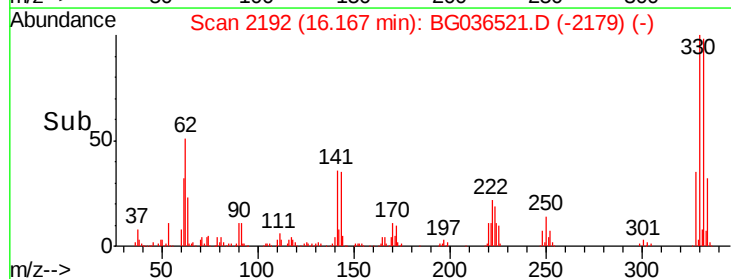
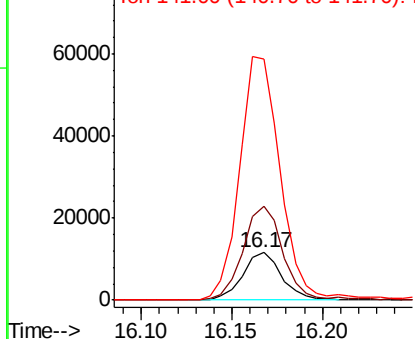


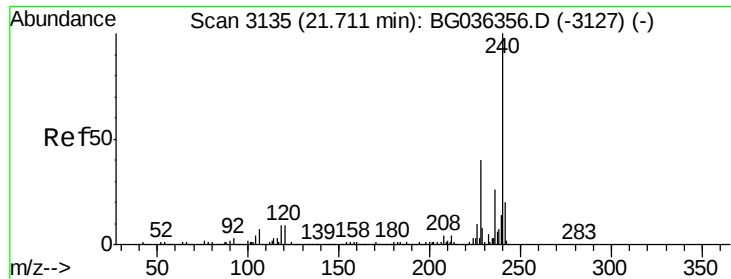
#66
 4-Bromophenyl-phenylether
 Concen: 3.528 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Tgt Ion:248 Resp: 17360
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.1 117.1#
 141 508.5 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. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

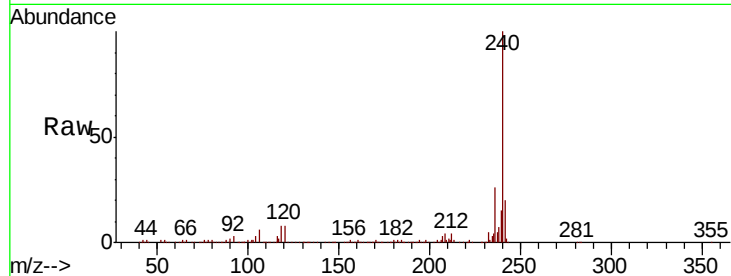
Tot Ion:240 Resp: 450334

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

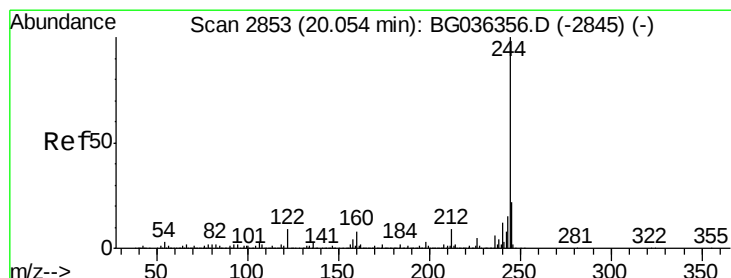
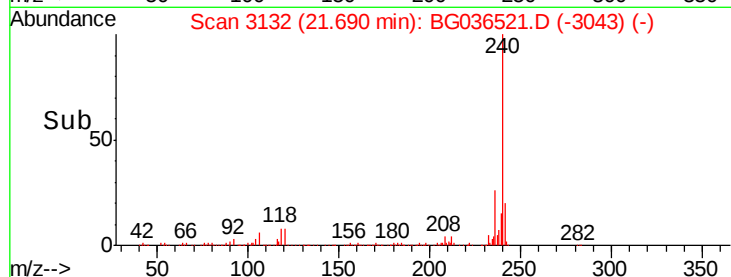
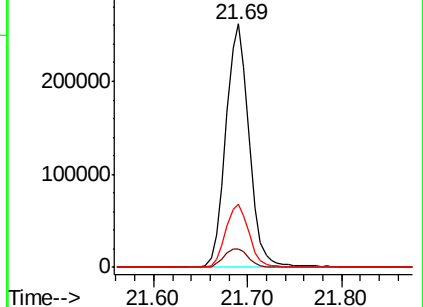
236 25.9 21.2 31.8



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: 81.129 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

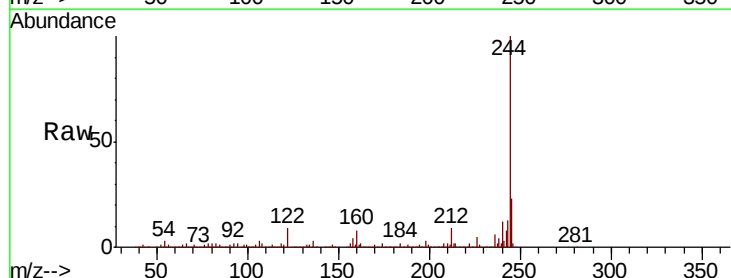
Tgt Ion:244 Resp: 1563097

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

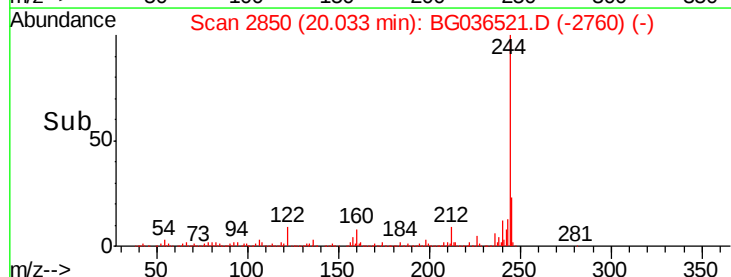
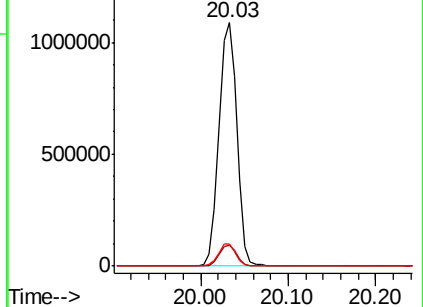
122 9.4 7.1 10.7

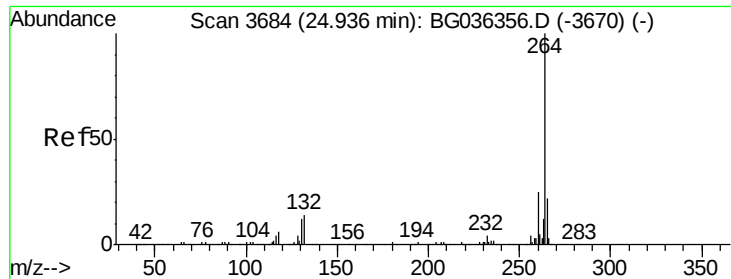


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3678
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 414761
Ion Ratio Lower Upper
264 100
260 21.7 19.6 29.4
265 21.2 17.4 26.0

