

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036635.D
 Acq On : 10 Sep 2018 21:37
 Operator : JU/SJ
 Sample : J4776-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:56:16 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

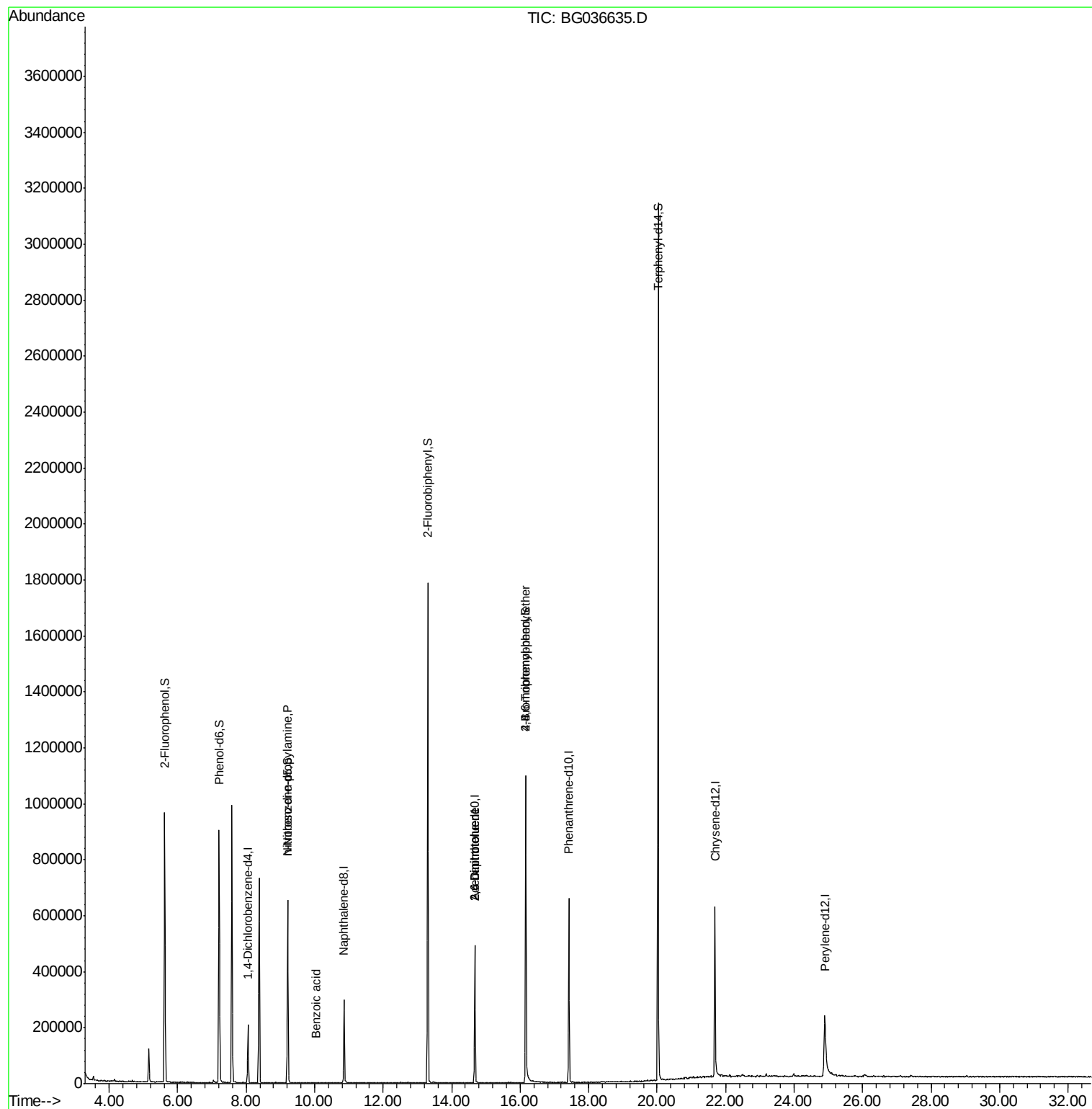
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58893	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	250598	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	173476	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	422631	20.00	ng	0.00
75) Chrysene-d12	21.69	240	426496	20.00	ng	0.00
86) Perylene-d12	24.90	264	331188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	402046	108.29	ng	0.00
7) Phenol-d6	7.21	99	528005	99.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	395533	85.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	225823	109.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	946687	77.92	ng	0.00
78) Terphenyl-d14	20.03	244	1559070	85.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53172	13.385	ng	# 68
32) Benzoic acid	10.03	122	55	4.497	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	21999	7.547	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21999	5.791	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	16181	3.270	ng	# 1

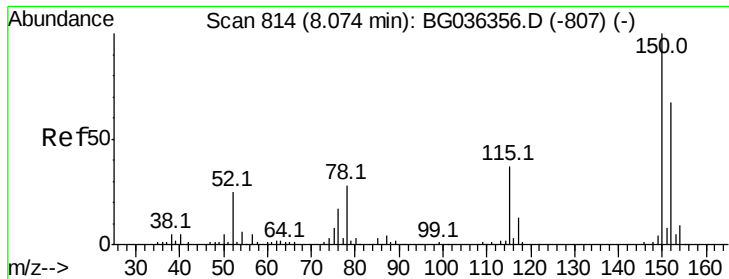
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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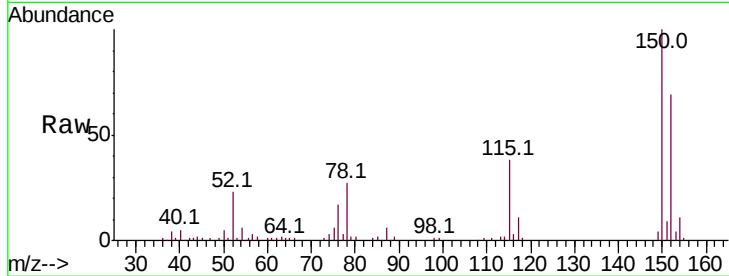


#1

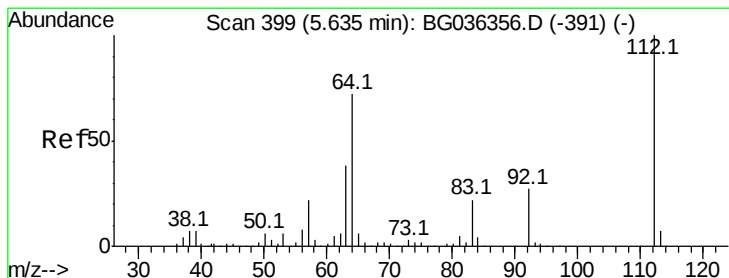
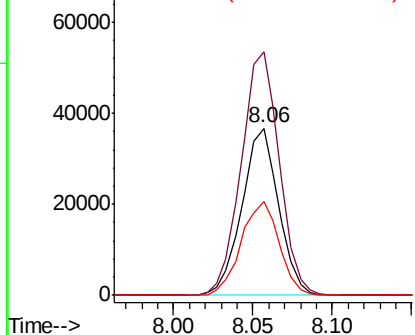
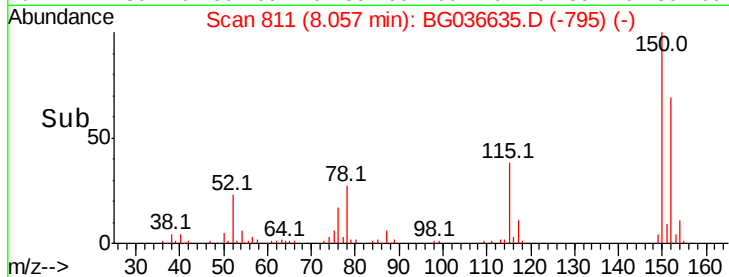
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	119.5	179.3
115	56.1	44.5	66.7



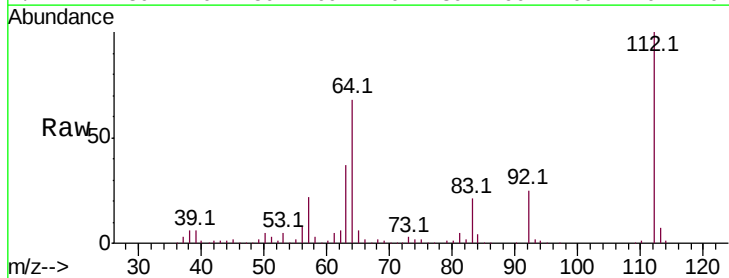
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



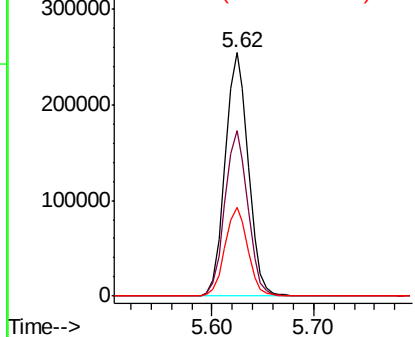
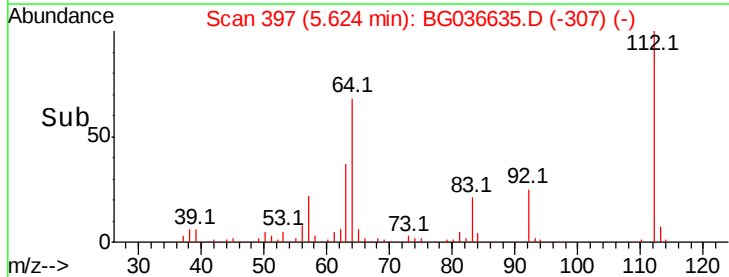
#5

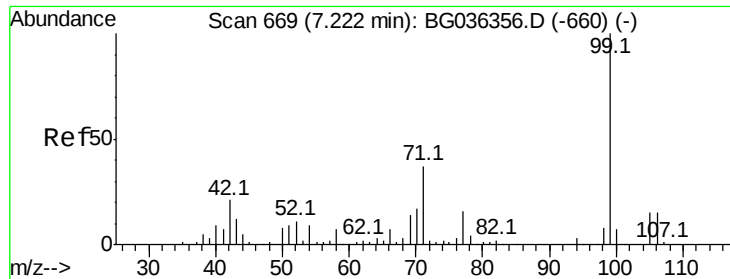
2-Fluorophenol
Concen: 108.292 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	36.5	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: 99.332 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Instrument :

BNA_G

ClientSampleId :

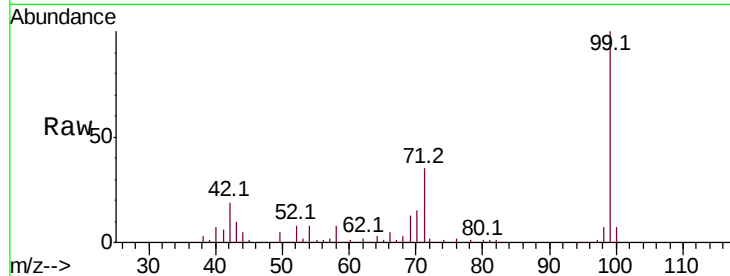
Tot Ion: 99 Resp: 528005

Ion Ratio Lower Upper

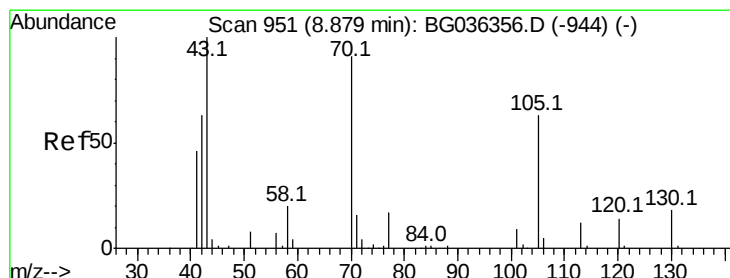
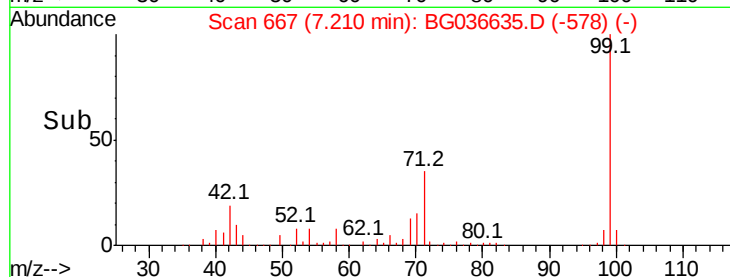
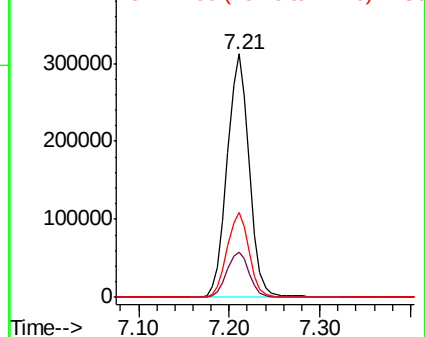
99 100

42 18.7 16.5 24.7

71 34.7 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: 13.385 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Tgt Ion: 70 Resp: 53172

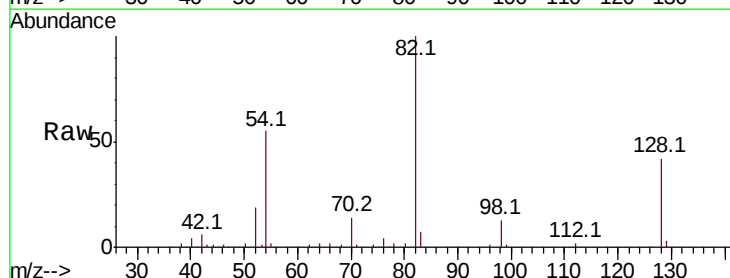
Ion Ratio Lower Upper

70 100

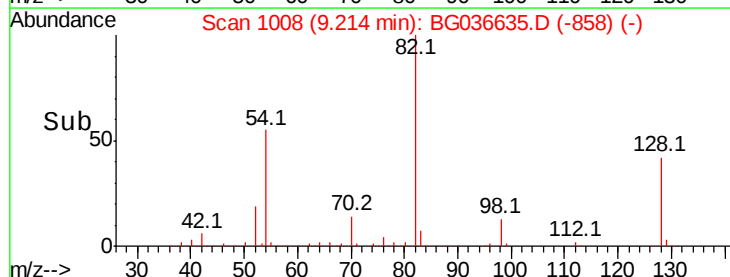
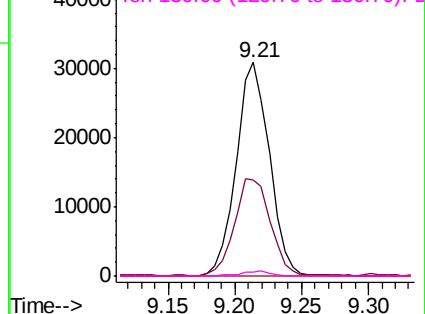
42 44.9 56.2 84.4#

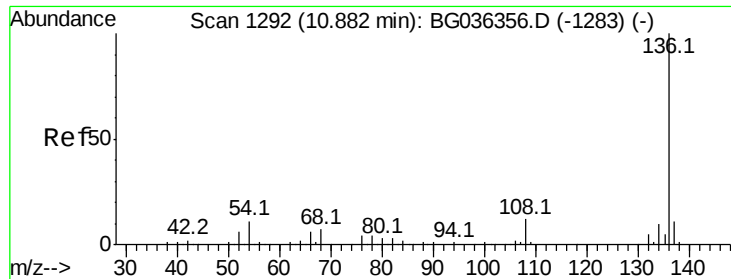
101 0.0 7.8 11.6#

130 1.8 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

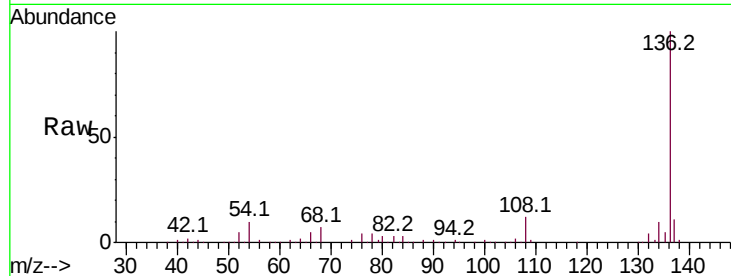




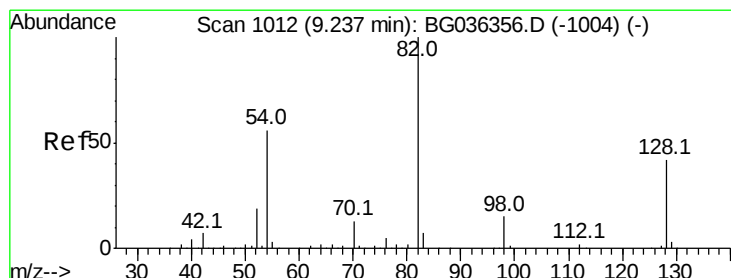
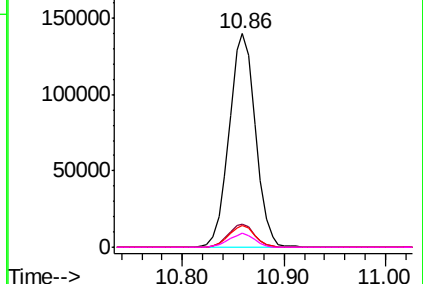
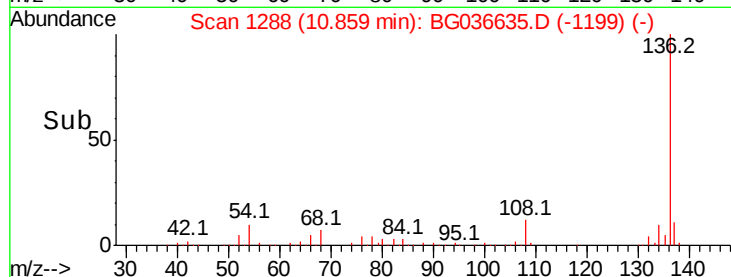
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	250598
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.2	9.2	13.8
68	6.9	5.8	8.6

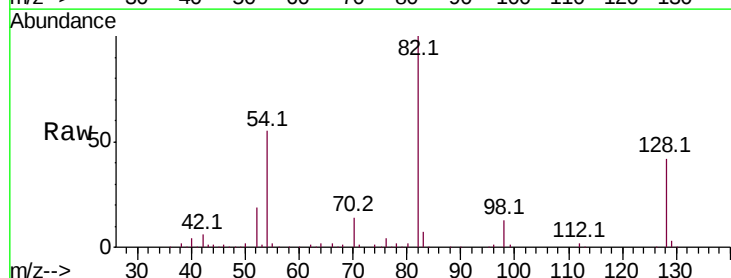


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

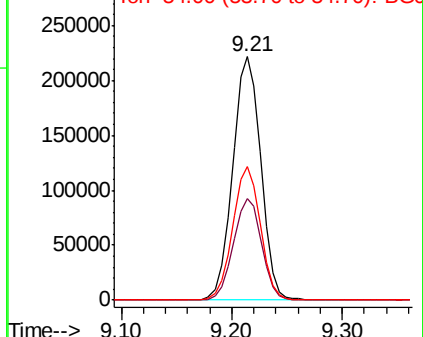
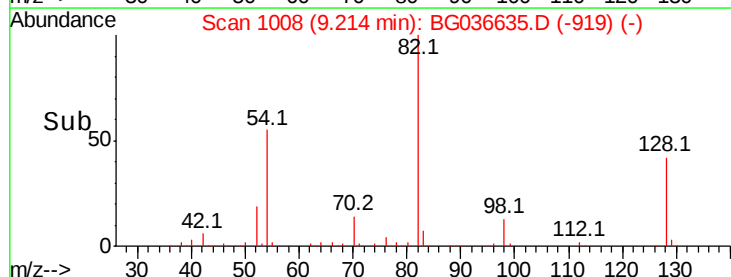


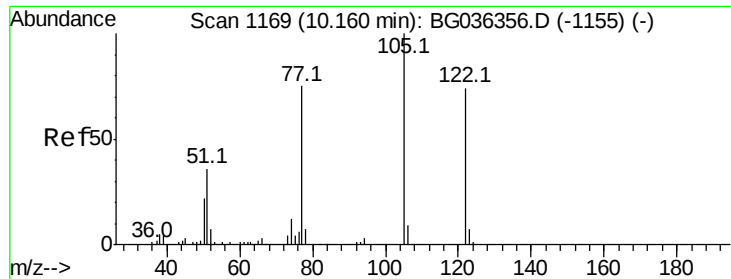
#23
Nitrobenzene-d5
Concen: 85.636 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Tgt Ion:	82	Resp:	395533
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	54.6	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

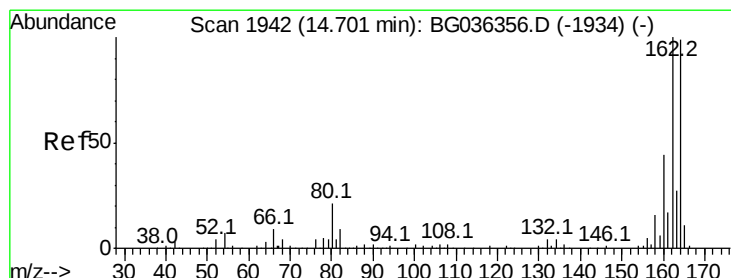
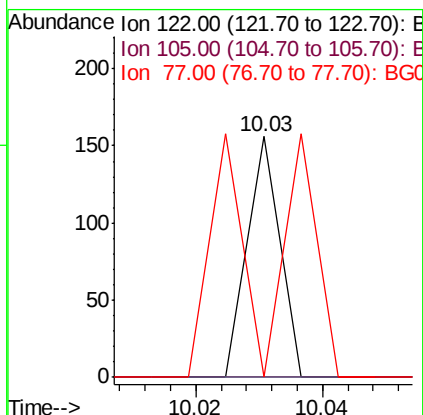
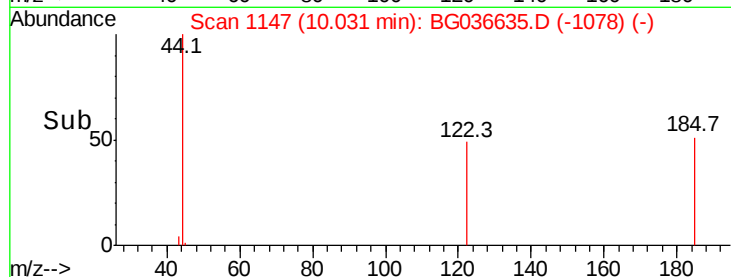
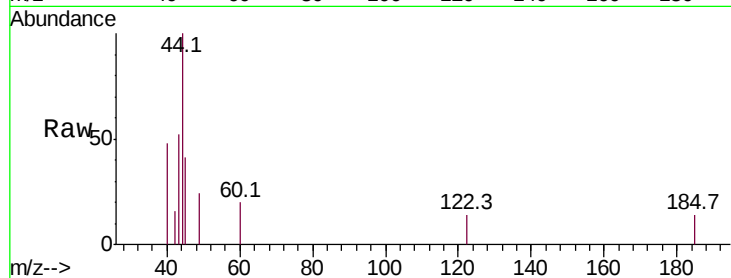




#32
Benzoic acid
Concen: 4.497 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.12 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

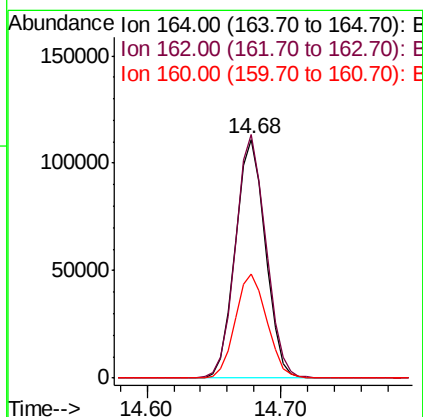
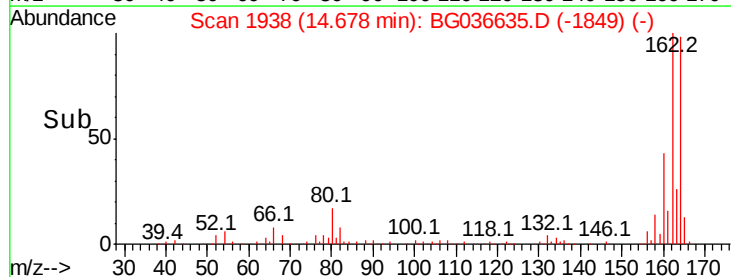
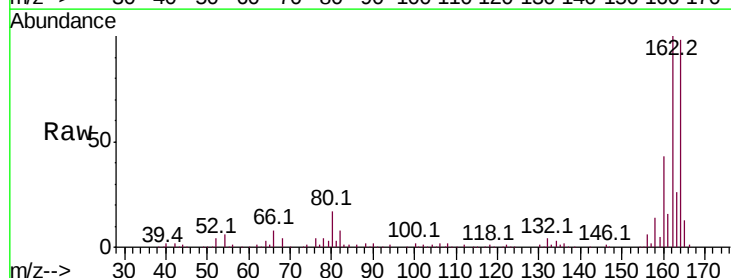
Instrument :
BNA_G
ClientSampleId :

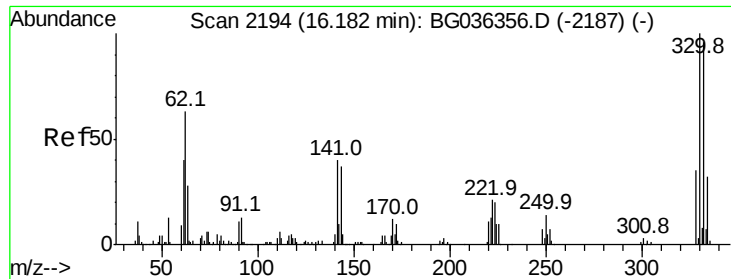
Tot Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Tgt Ion:164 Resp: 173476
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 43.7 35.3 52.9

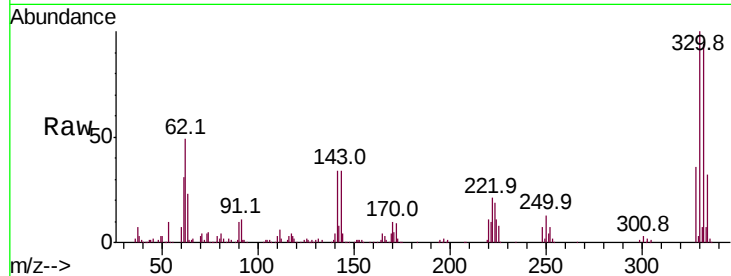




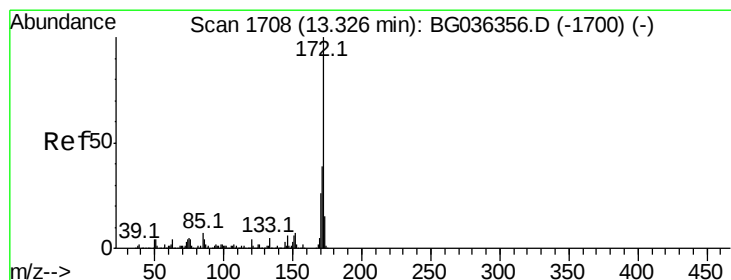
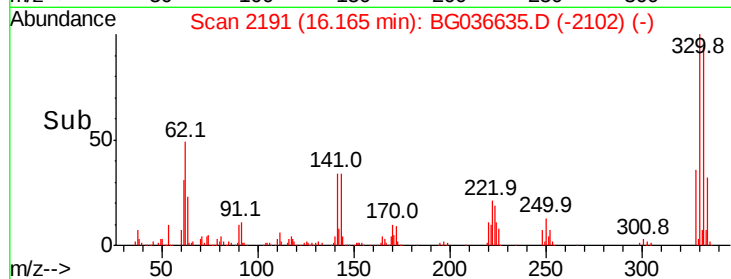
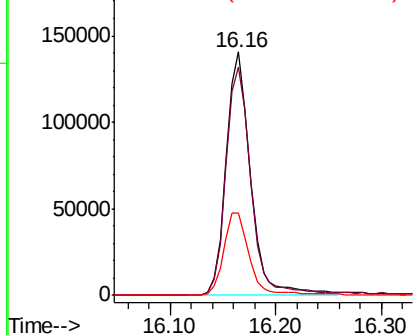
#41
 2,4,6-Tribromophenol
 Concen: 109.096 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 225823
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.2
 141 35.2 30.7 46.1

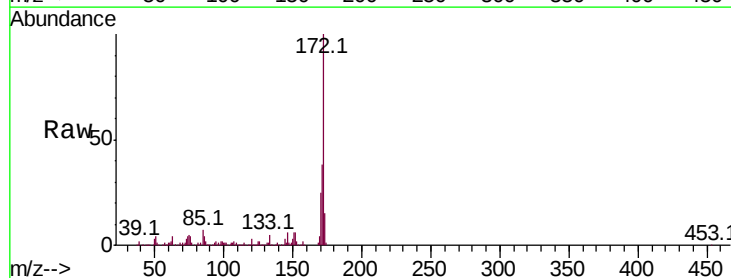


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

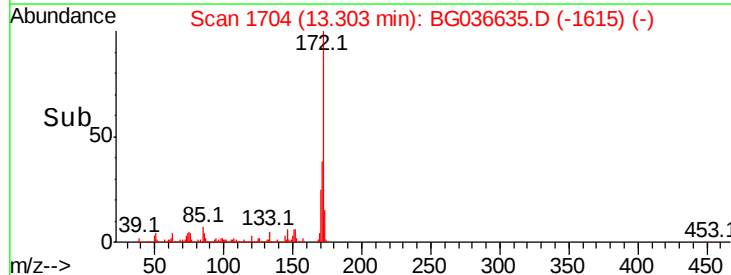
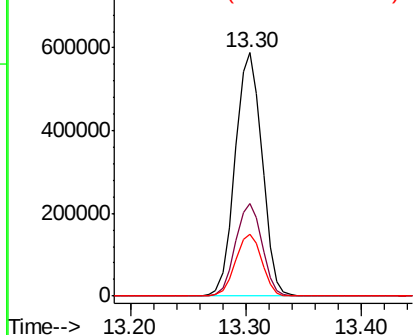


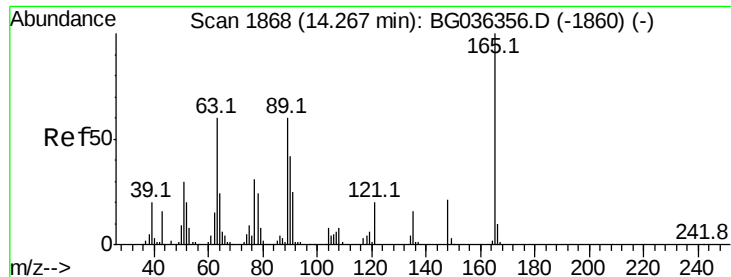
#44
 2-Fluorobiphenyl
 Concen: 77.918 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Tgt Ion:172 Resp: 946687
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.2 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

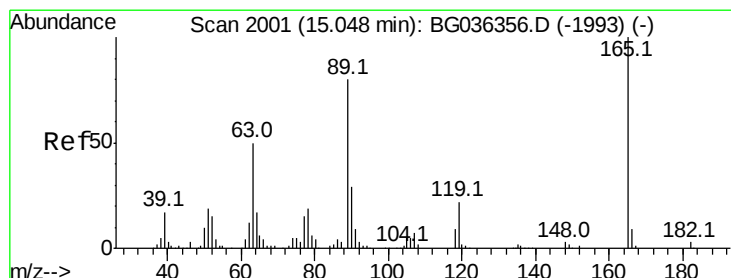
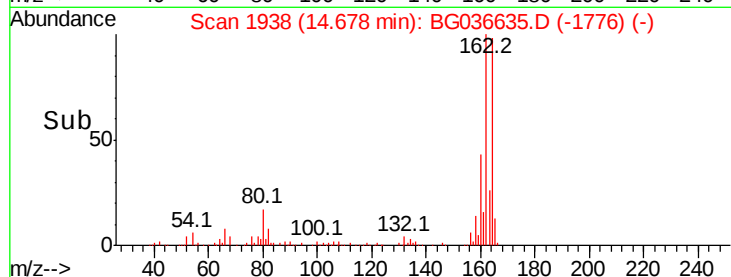
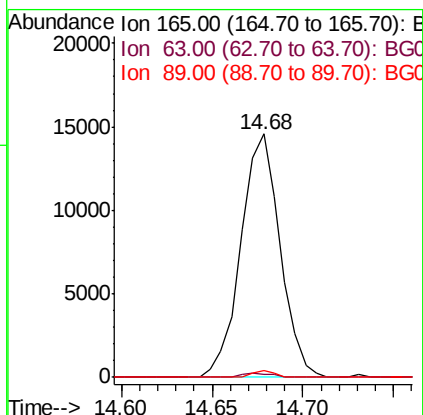
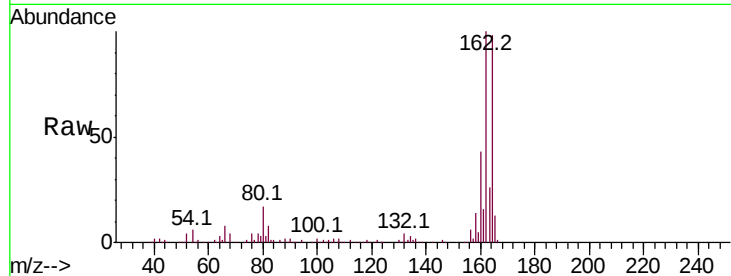




#50
 2,6-Dinitrotoluene
 Concen: 7.547 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

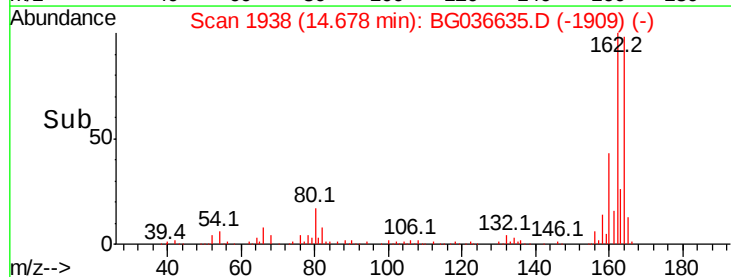
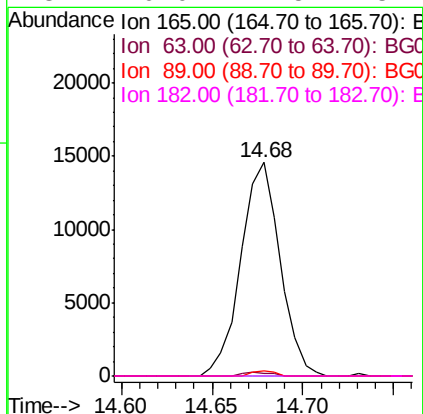
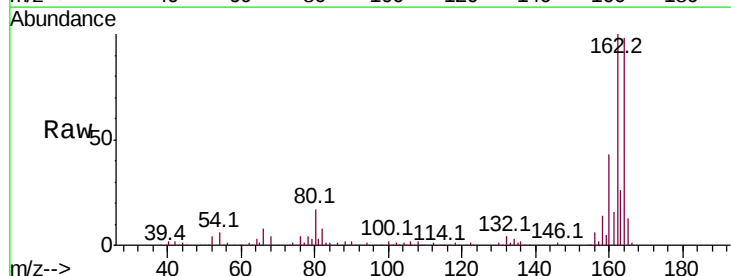
Instrument :
 BNA_G
 ClientSampleId :

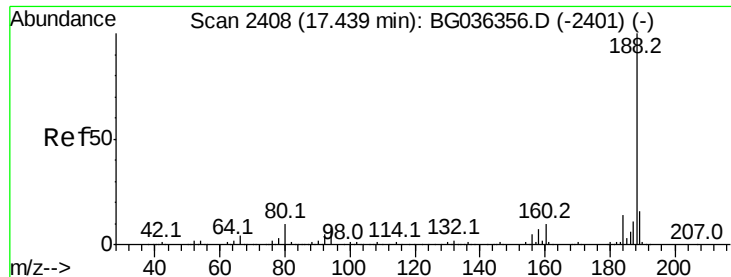
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	2.7	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Instrument :

BNA_G

ClientSampleId :

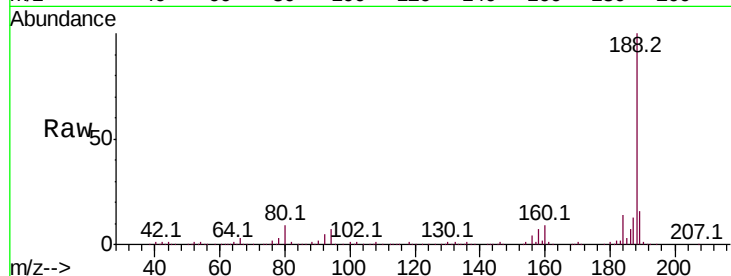
Tot Ion:188 Resp: 422631

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

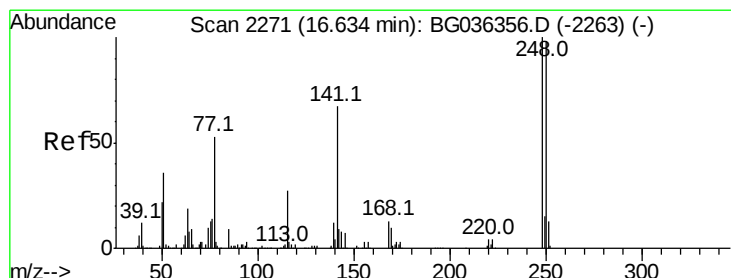
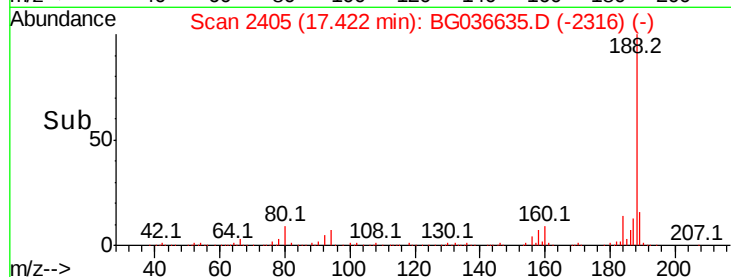
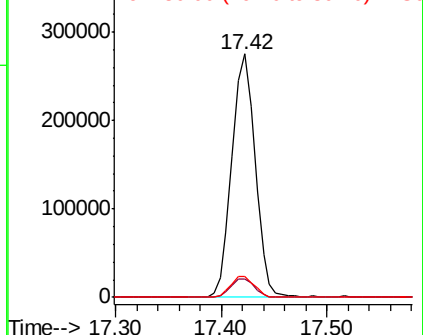
80 8.7 8.1 12.1



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: 3.270 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.45 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

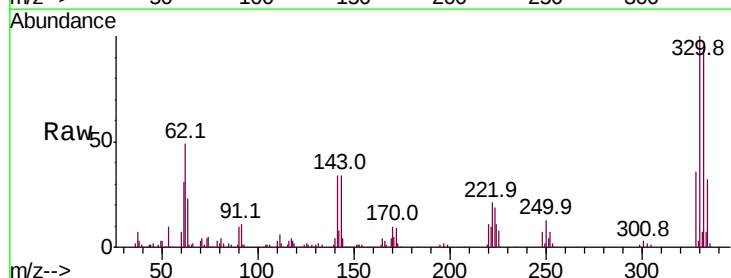
Tgt Ion:248 Resp: 16181

Ion Ratio Lower Upper

248 100

250 186.3 78.1 117.1#

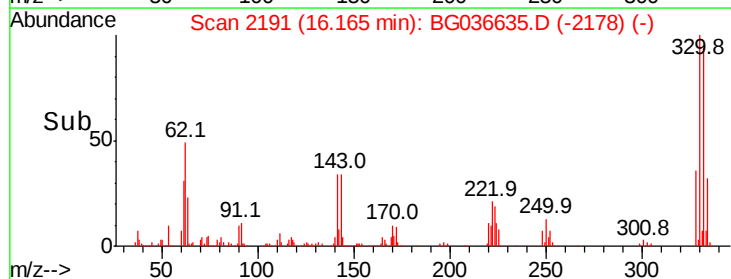
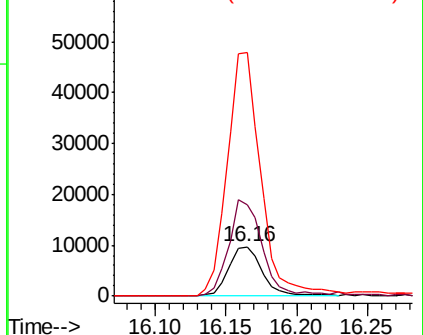
141 495.3 53.7 80.5#

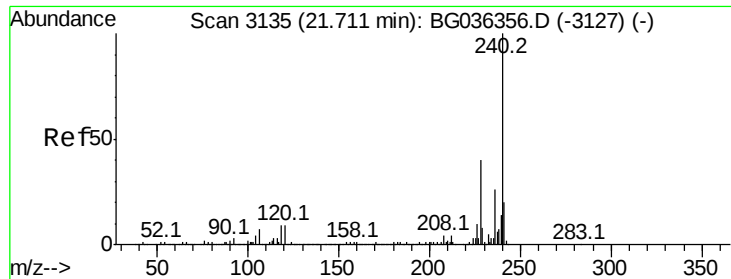


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Instrument :

BNA_G

ClientSampleId :

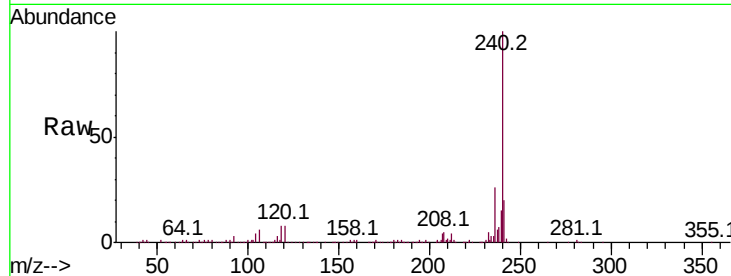
Tot Ion:240 Resp: 426496

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

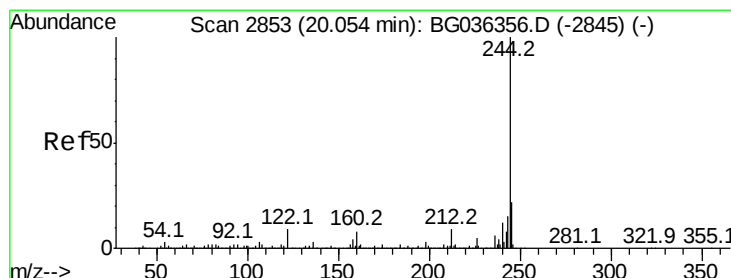
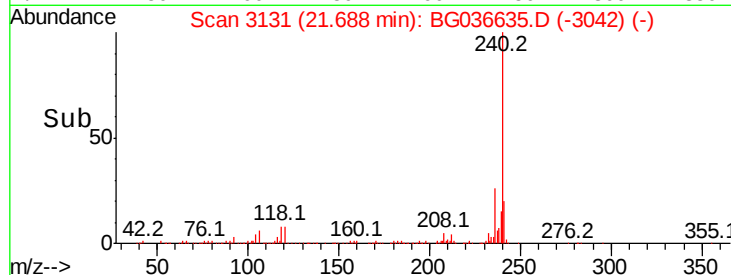
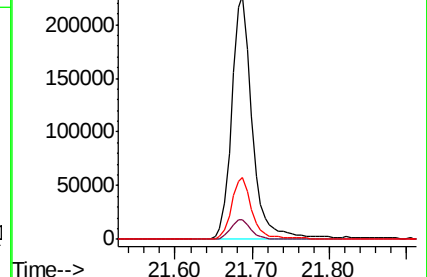
236 25.6 21.2 31.8



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: 85.442 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

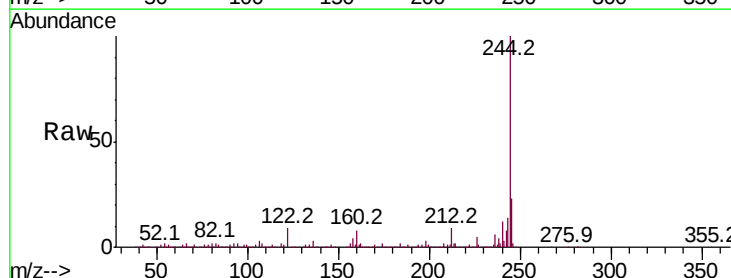
Tgt Ion:244 Resp: 1559070

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

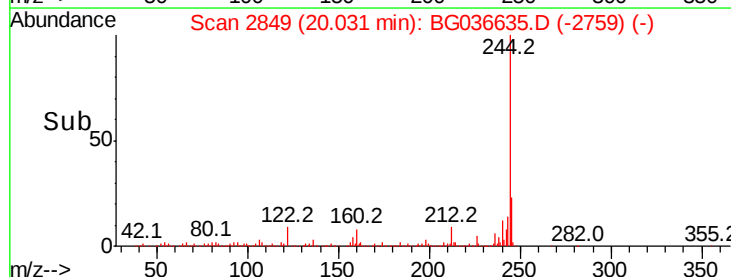
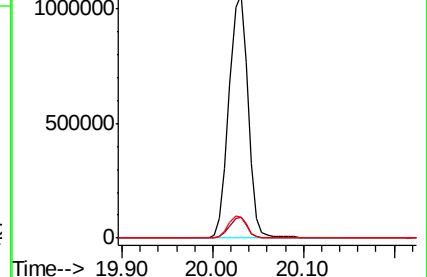
122 8.8 7.1 10.7

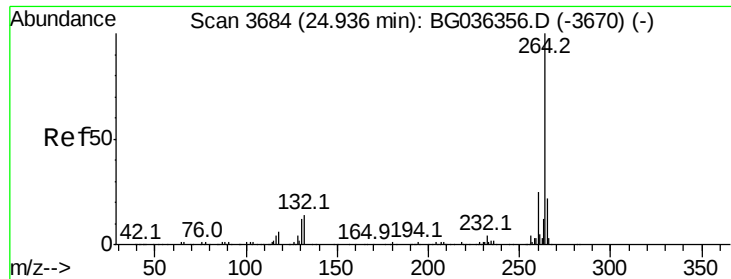


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3677
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.5	17.4	26.0

