

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036638.D
 Acq On : 10 Sep 2018 23:34
 Operator : JU/SJ
 Sample : J4777-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:56:42 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

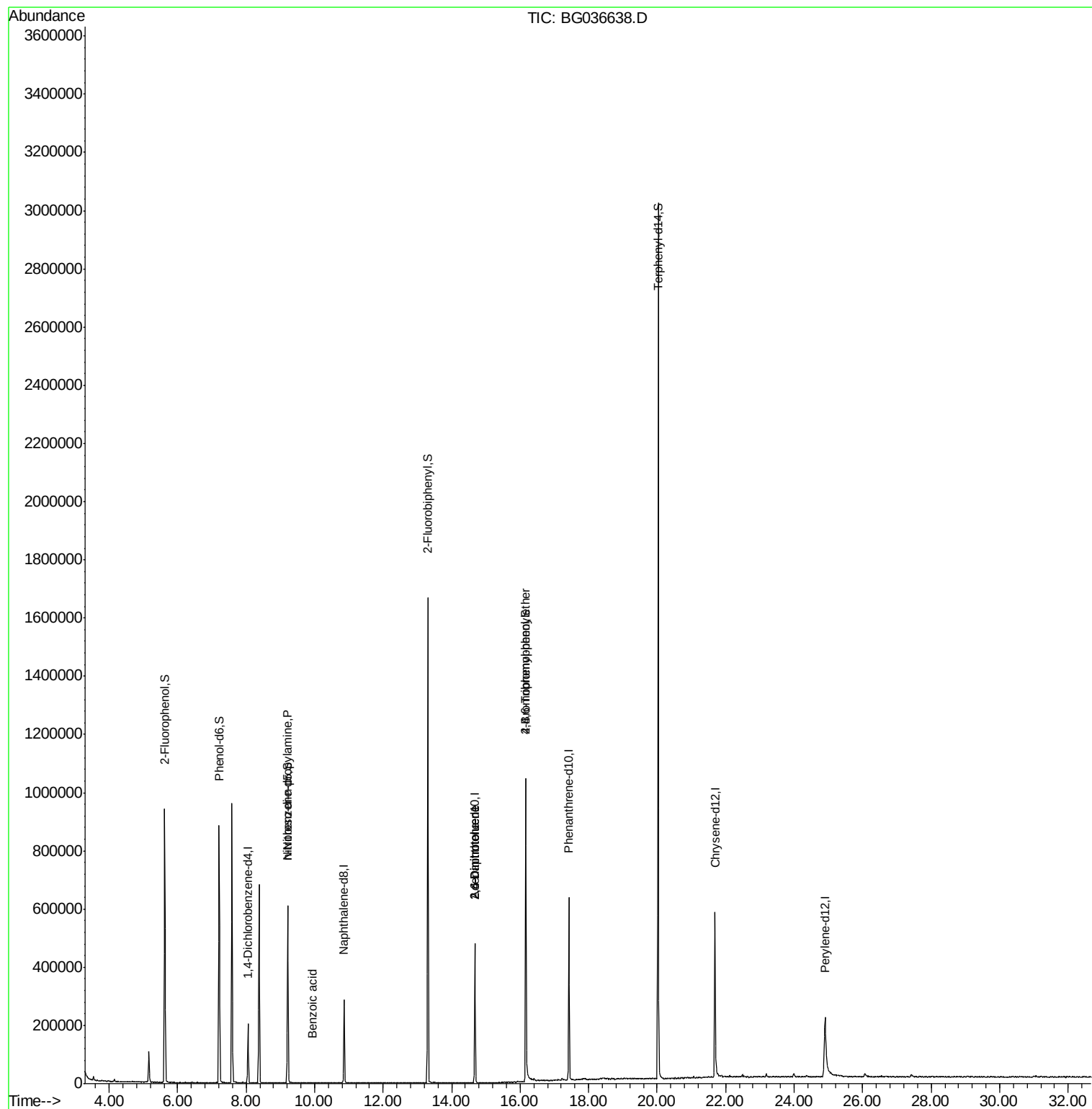
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56699	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	241774	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161170	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	393388	20.00	ng	0.00
75) Chrysene-d12	21.69	240	409987	20.00	ng	0.00
86) Perylene-d12	24.90	264	311935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385977	107.99	ng	0.00
7) Phenol-d6	7.21	99	502338	98.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	364312	81.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206909	107.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	869989	77.07	ng	0.00
78) Terphenyl-d14	20.03	244	1410629	80.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	50436	13.187	ng	# 69
32) Benzoic acid	9.94	122	53	4.497	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	20383	7.527	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	20383	5.775	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13684	2.971	ng	# 1

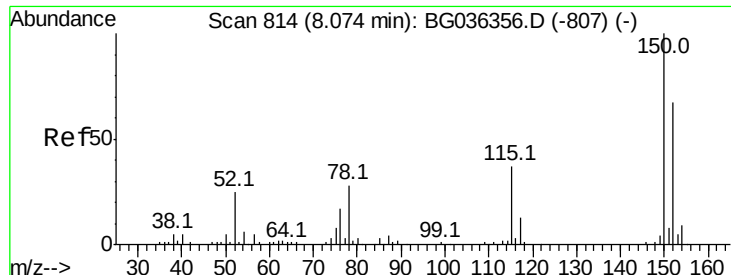
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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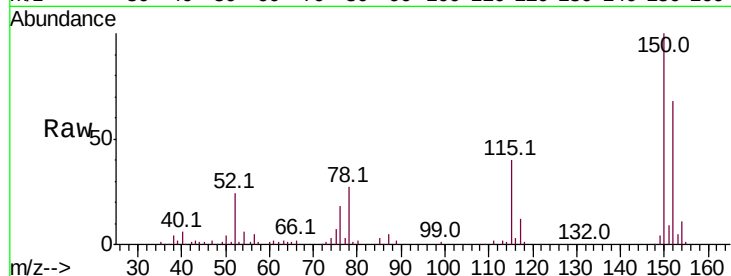


#1

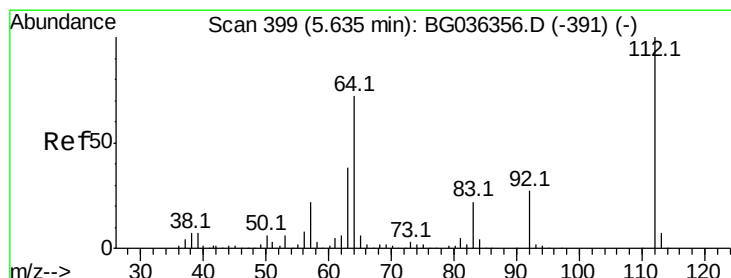
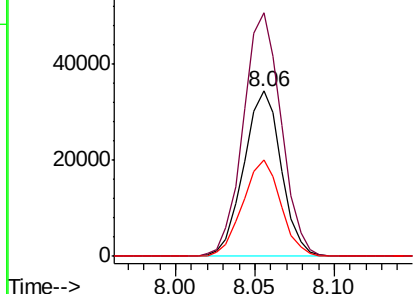
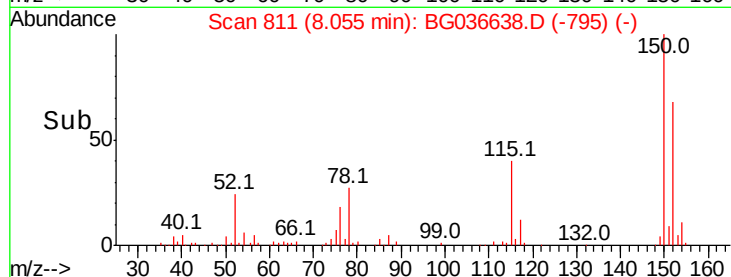
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56699
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 58.5 44.5 66.7



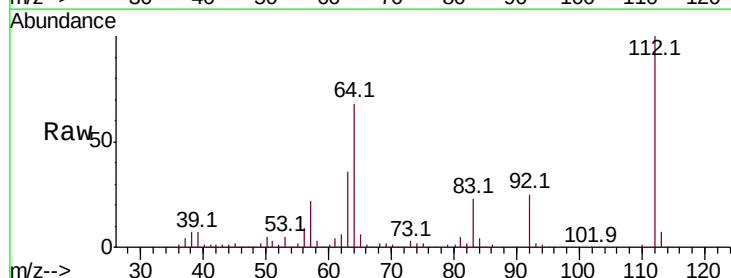
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



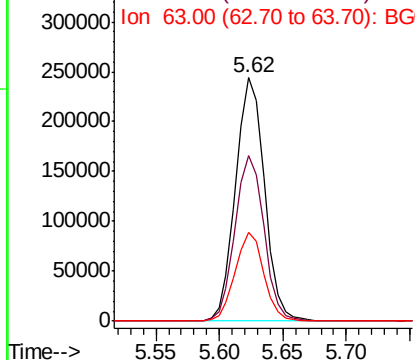
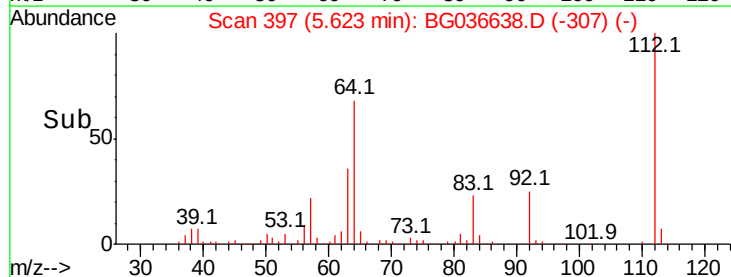
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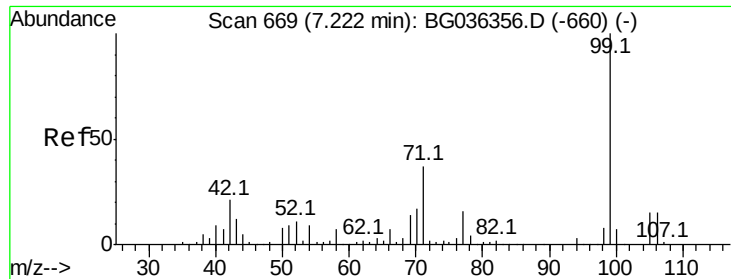
2-Fluorophenol
Concen: 107.987 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion:112 Resp: 385977
Ion Ratio Lower Upper
112 100
64 68.2 57.2 85.8
63 36.3 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: 98.160 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

Instrument :

BNA_G

ClientSampleId :

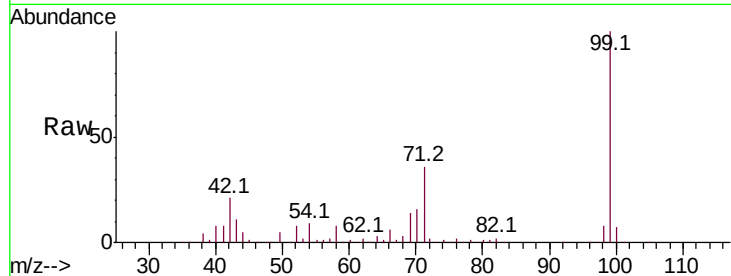
Tot Ion: 99 Resp: 502338

Ion Ratio Lower Upper

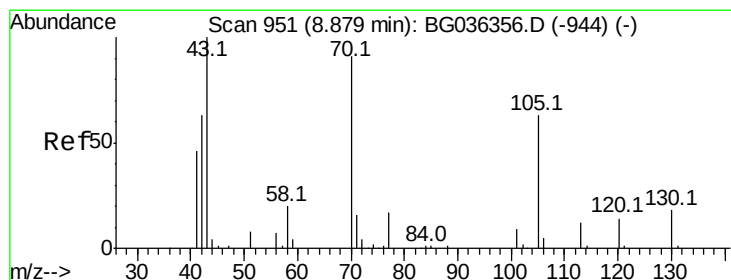
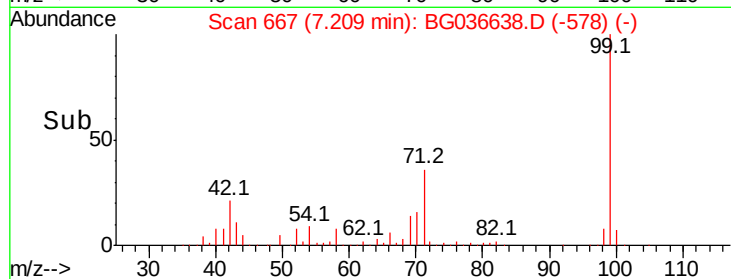
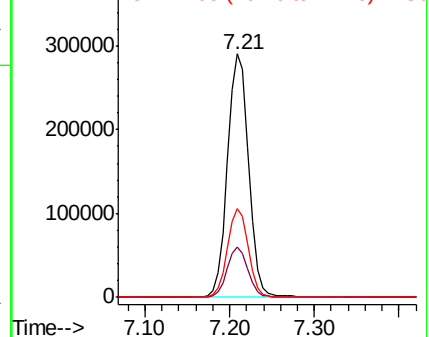
99 100

42 20.7 16.5 24.7

71 36.4 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: 13.187 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

Tgt Ion: 70 Resp: 50436

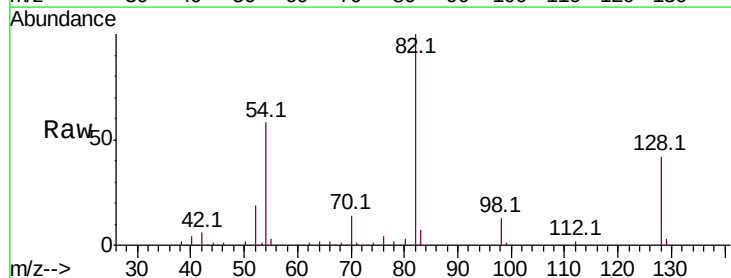
Ion Ratio Lower Upper

70 100

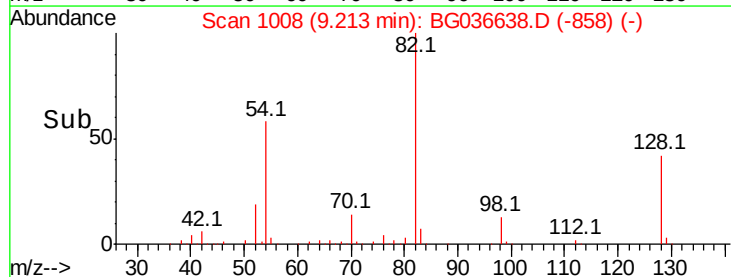
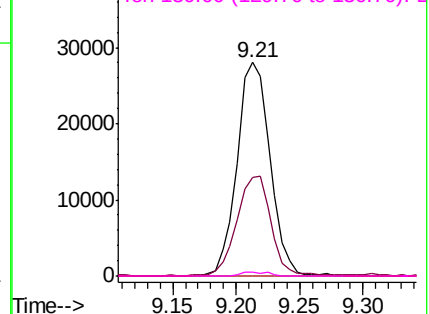
42 46.1 56.2 84.4#

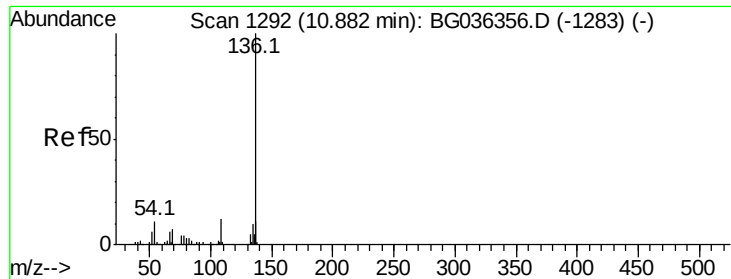
101 0.0 7.8 11.6#

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

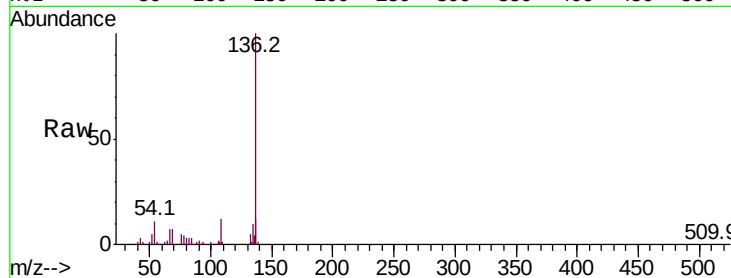




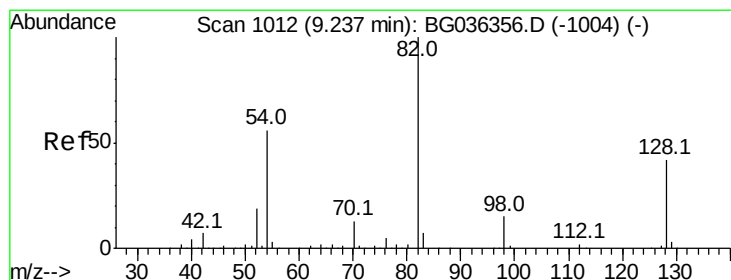
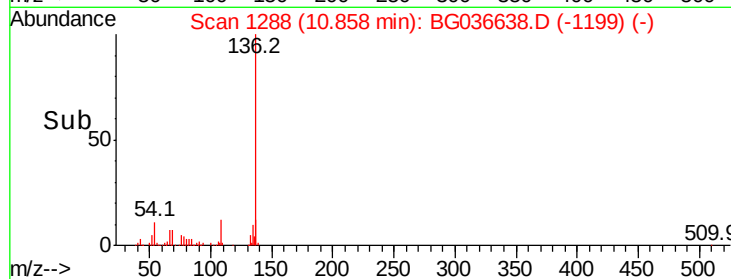
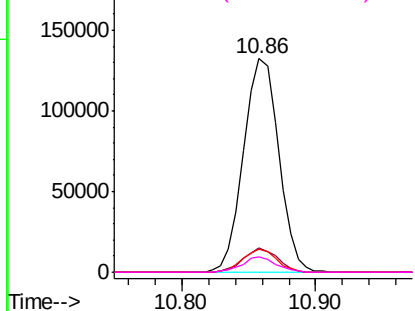
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	241774
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.8 13.2
54	10.6	9.2 13.8
68	7.4	5.8 8.6

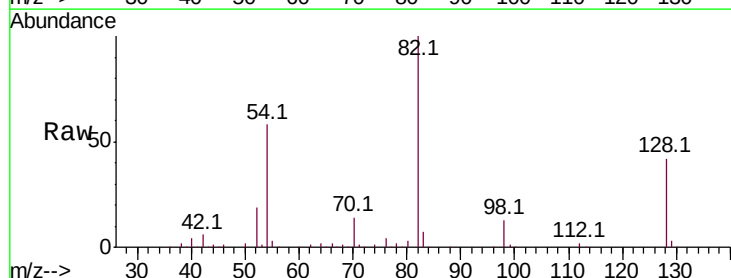


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

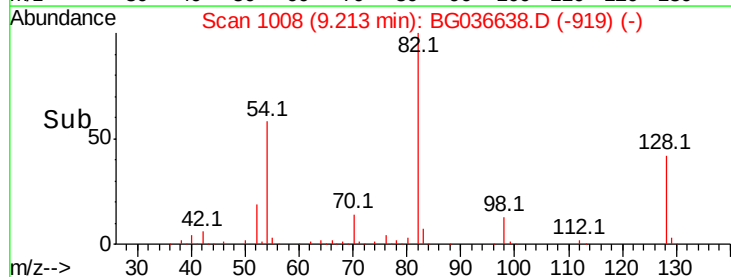
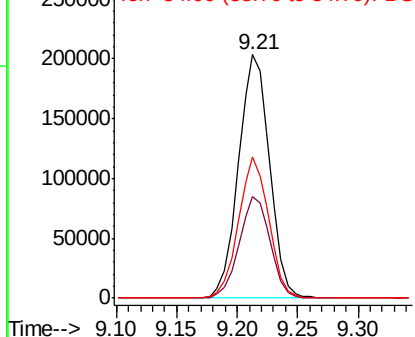


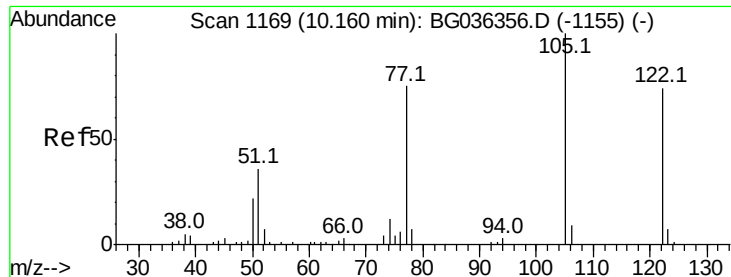
#23
Nitrobenzene-d5
Concen: 81.756 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion: 82	Resp:	364312
Ion	Ratio	Lower Upper
82	100	
128	41.7	33.3 49.9
54	58.2	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

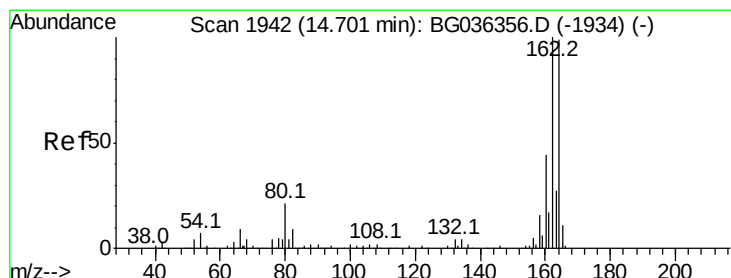
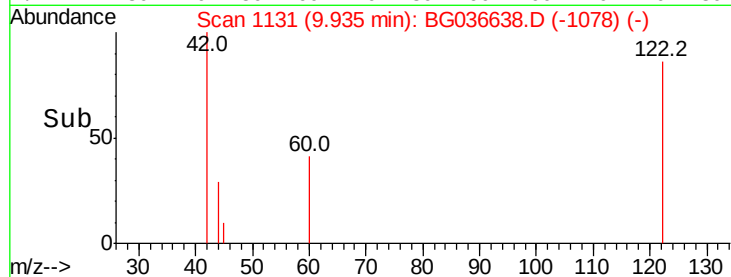
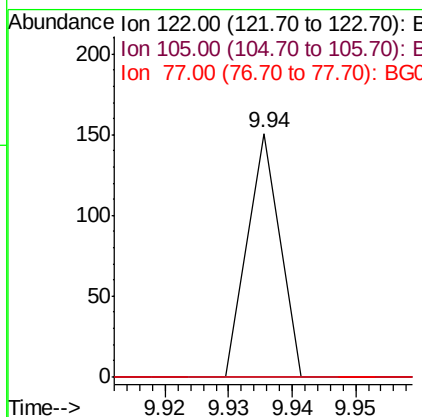
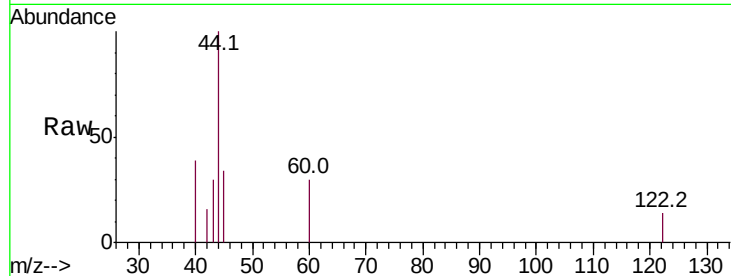




#32
Benzoic acid
Concen: 4.497 ng
RT: 9.94 min Scan# 1131
Delta R.T. -0.22 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

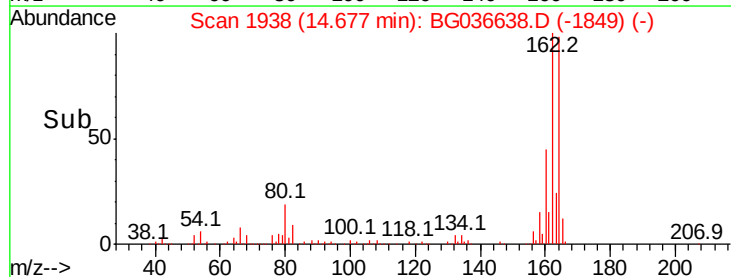
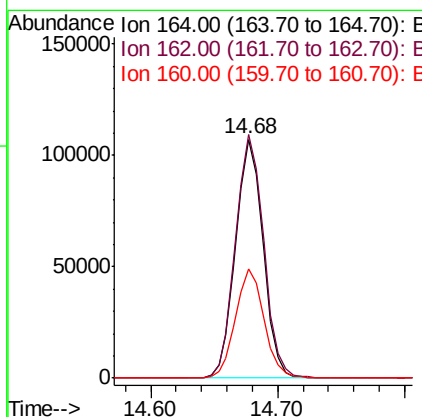
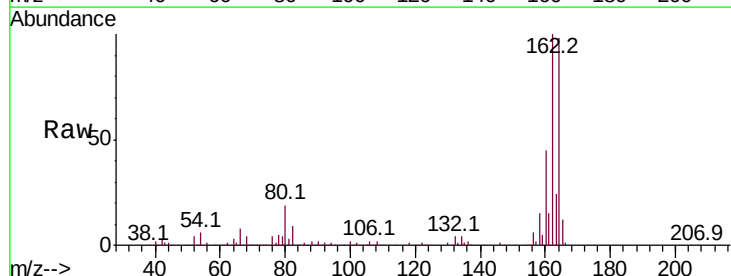
Instrument :
BNA_G
ClientSampleId :

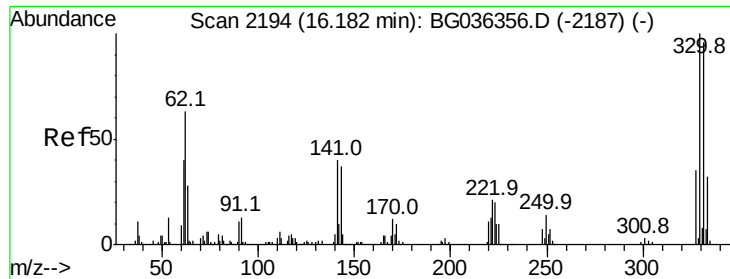
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	45.5	35.3	52.9

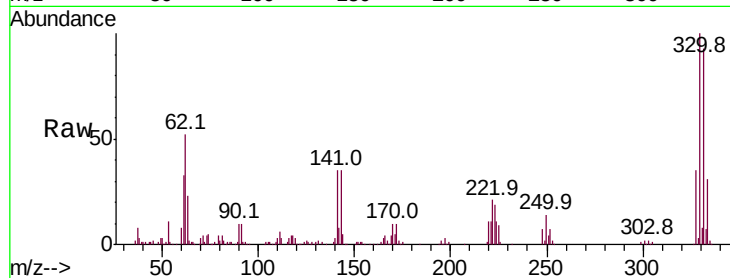




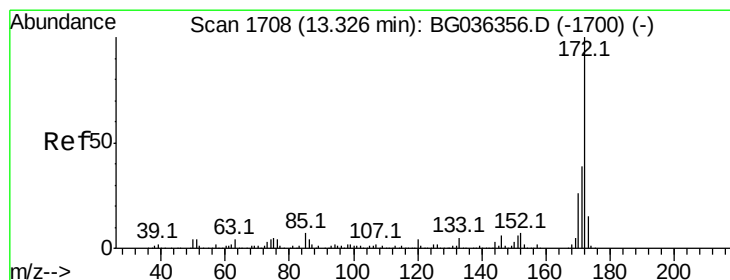
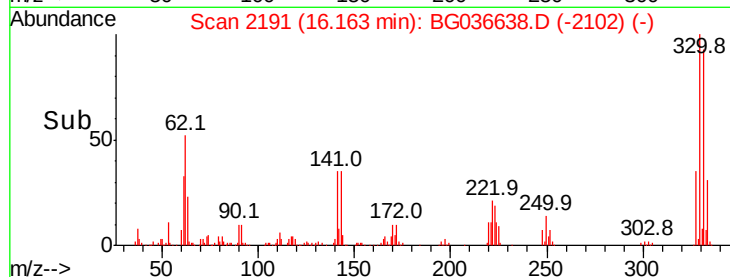
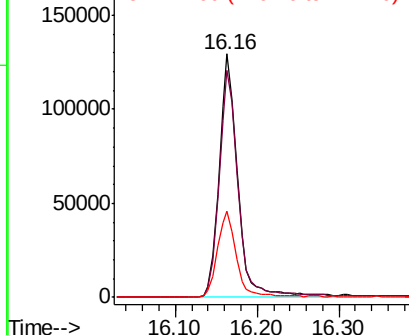
#41
 2,4,6-Tribromophenol
 Concen: 107.590 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.4	113.2
141	36.0	30.7	46.1

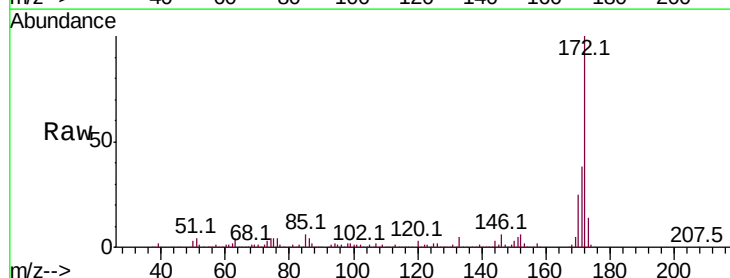


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

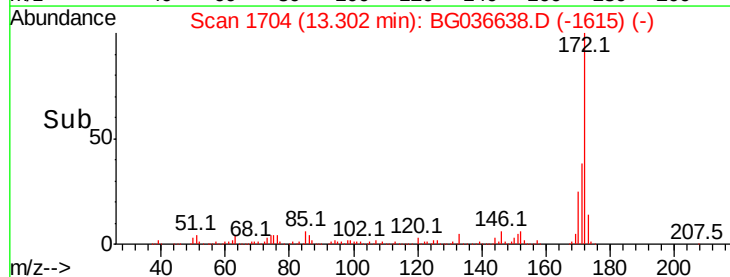
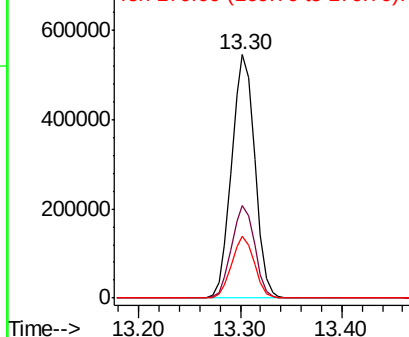


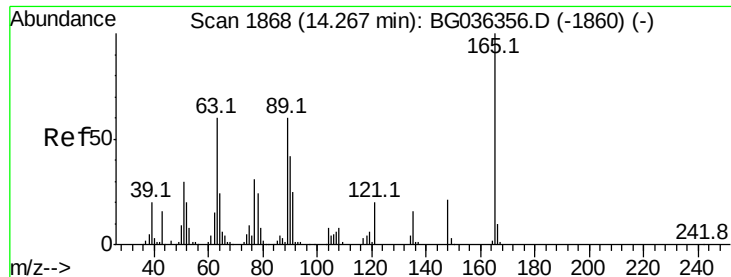
#44
 2-Fluorobiphenyl
 Concen: 77.073 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036638.D
 Acq: 10 Sep 2018 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.4	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

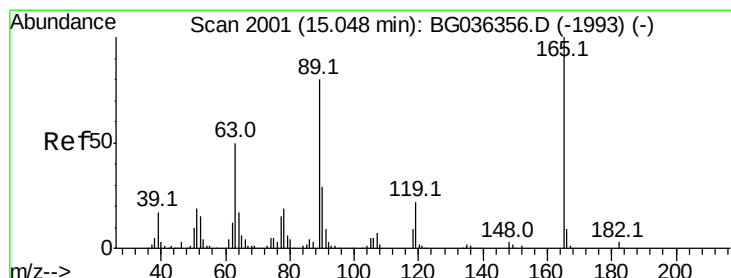
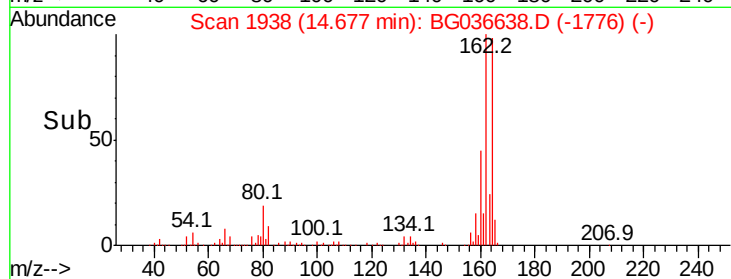
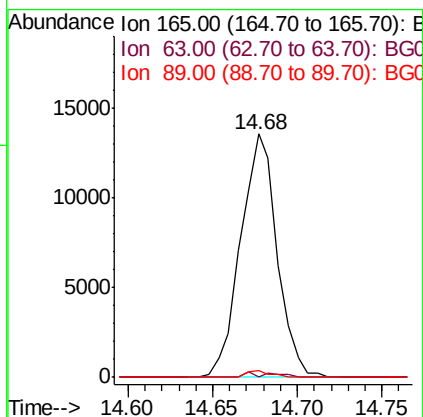
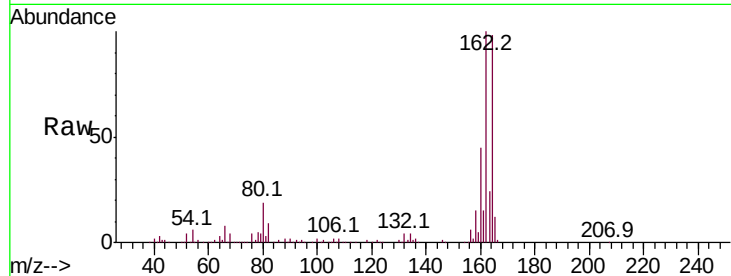




#50
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

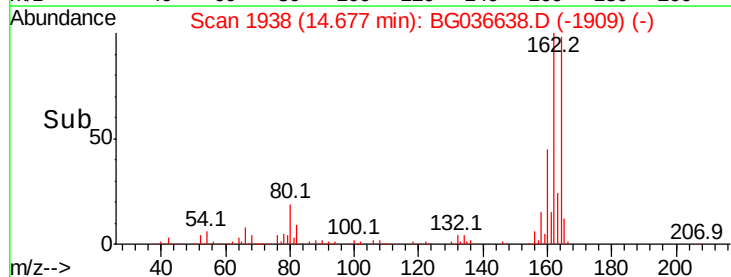
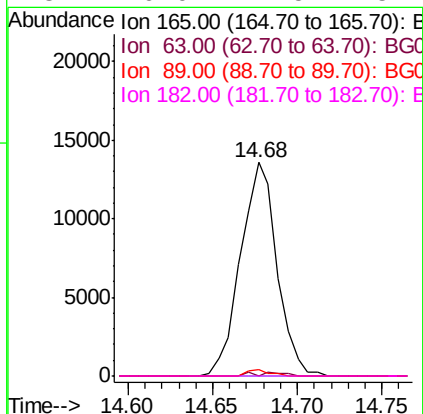
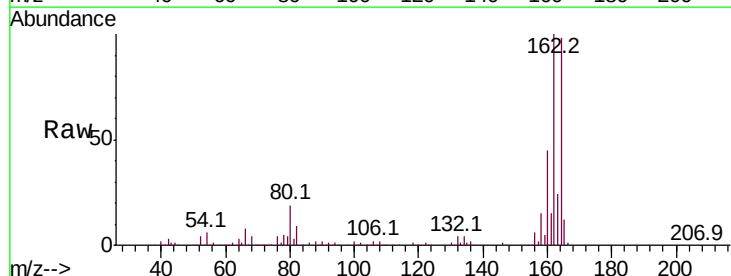
Instrument :
BNA_G
ClientSampleId :

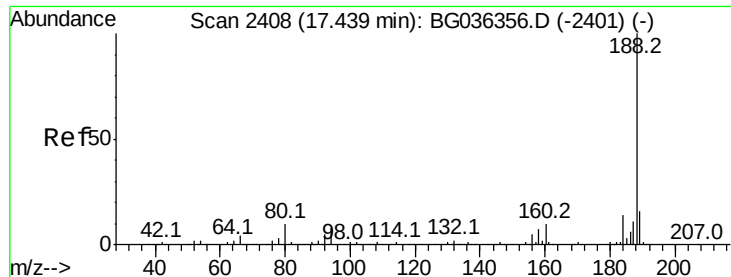
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.9	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.775 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#

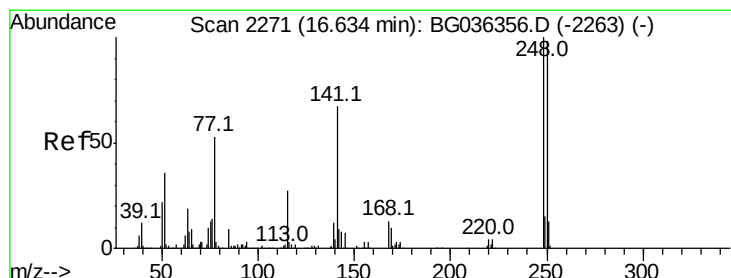
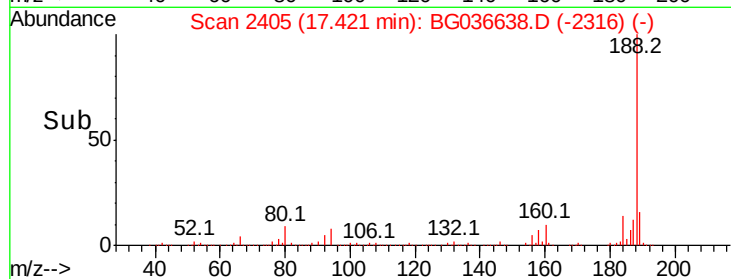
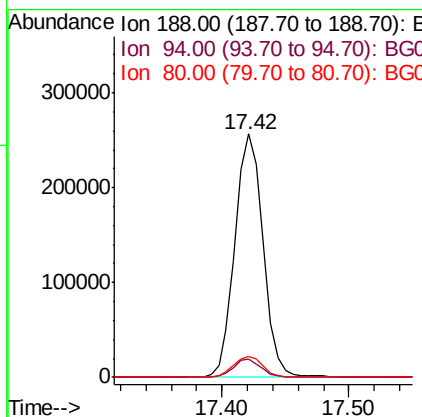
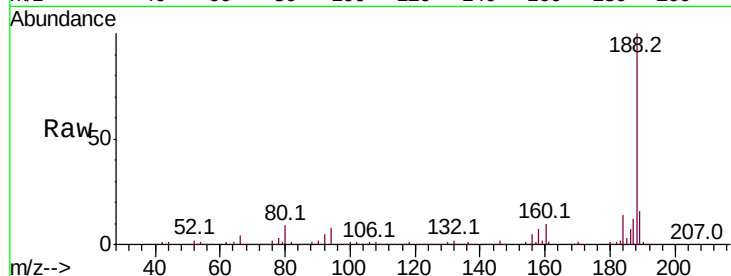




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

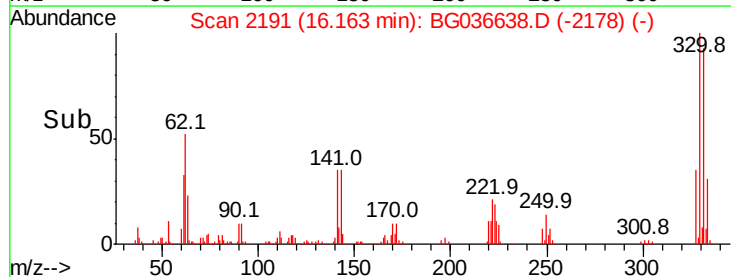
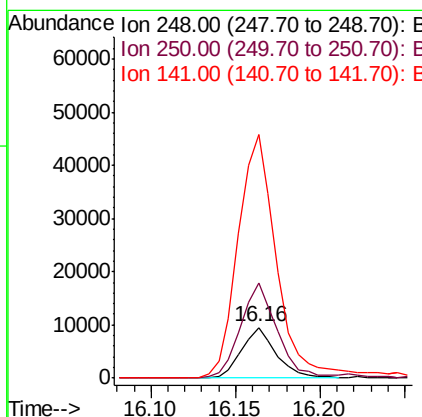
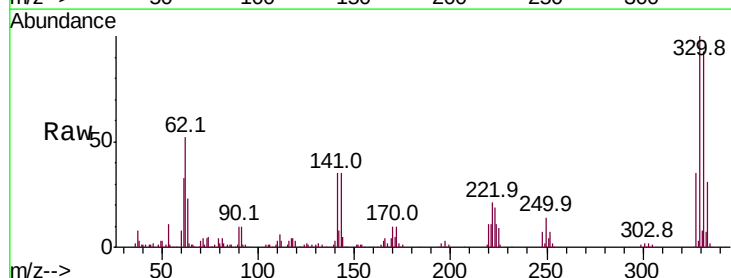
Instrument :
BNA_G
ClientSampleId :

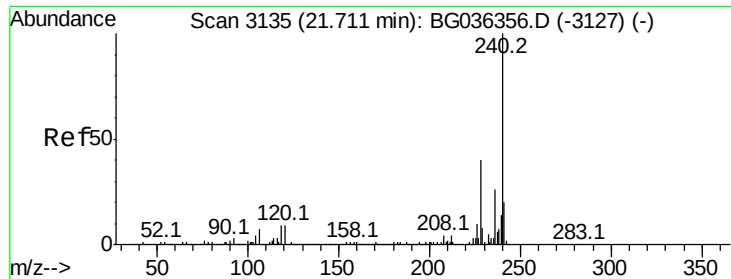
Tot Ion:188 Resp: 393388
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.7 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Tgt Ion:248 Resp: 13684
Ion Ratio Lower Upper
248 100
250 188.4 78.1 117.1#
141 482.3 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

Instrument :

BNA_G

ClientSampled :

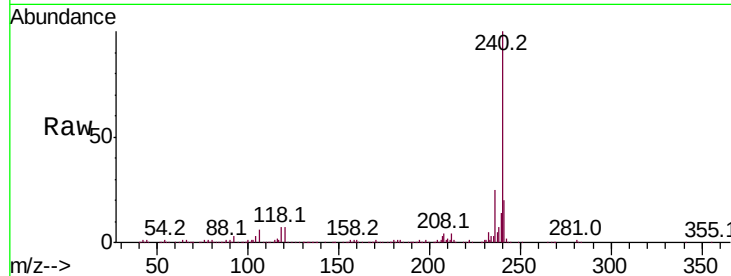
Tot Ion:240 Resp: 409987

Ion Ratio Lower Upper

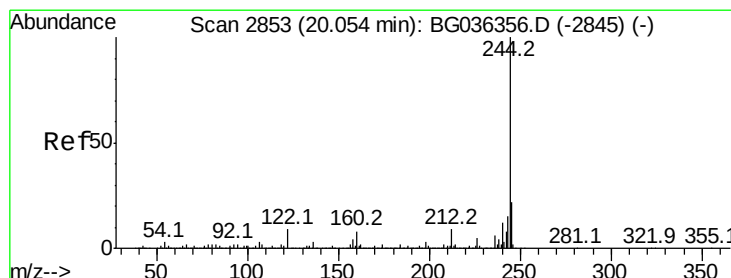
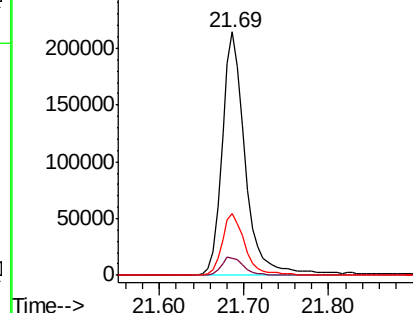
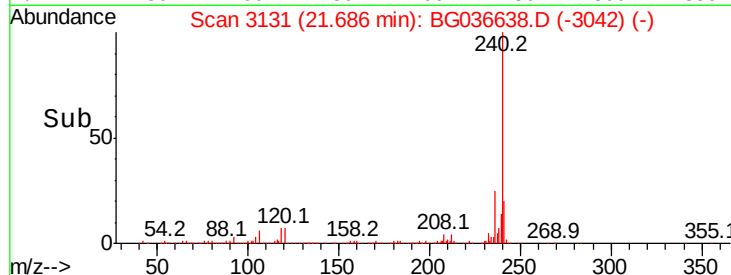
240 100

120 7.1 6.9 10.3

236 25.3 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: 80.420 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036638.D

Acq: 10 Sep 2018 23:34

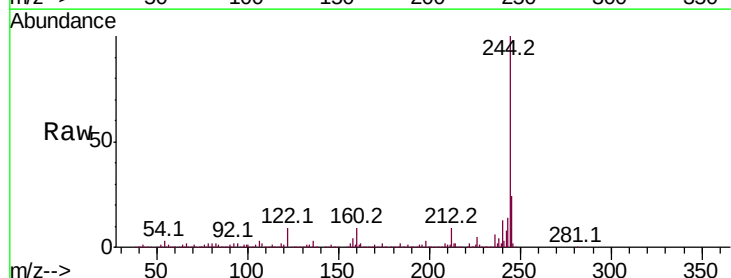
Tgt Ion:244 Resp: 1410629

Ion Ratio Lower Upper

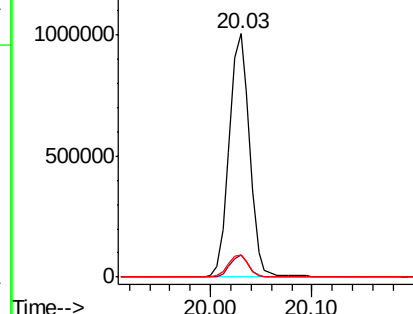
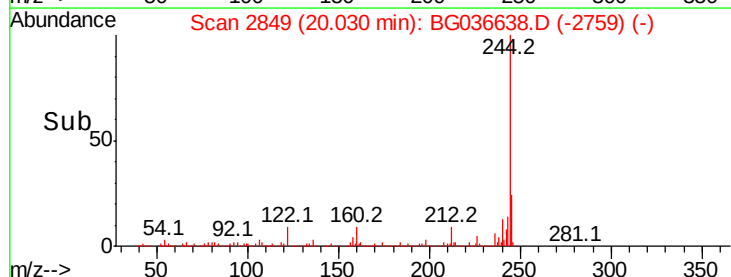
244 100

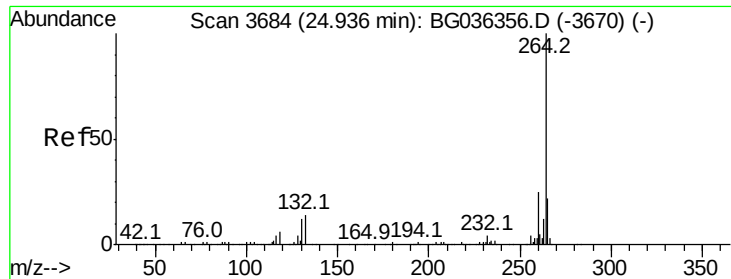
212 9.1 7.0 10.6

122 9.1 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# 3678
Delta R.T. -0.00 min
Lab File: BG036638.D
Acq: 10 Sep 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.5	17.4	26.0

