

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036761.D
 Acq On : 17 Sep 2018 19:21
 Operator : JU/SJ
 Sample : J4773-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:46:10 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

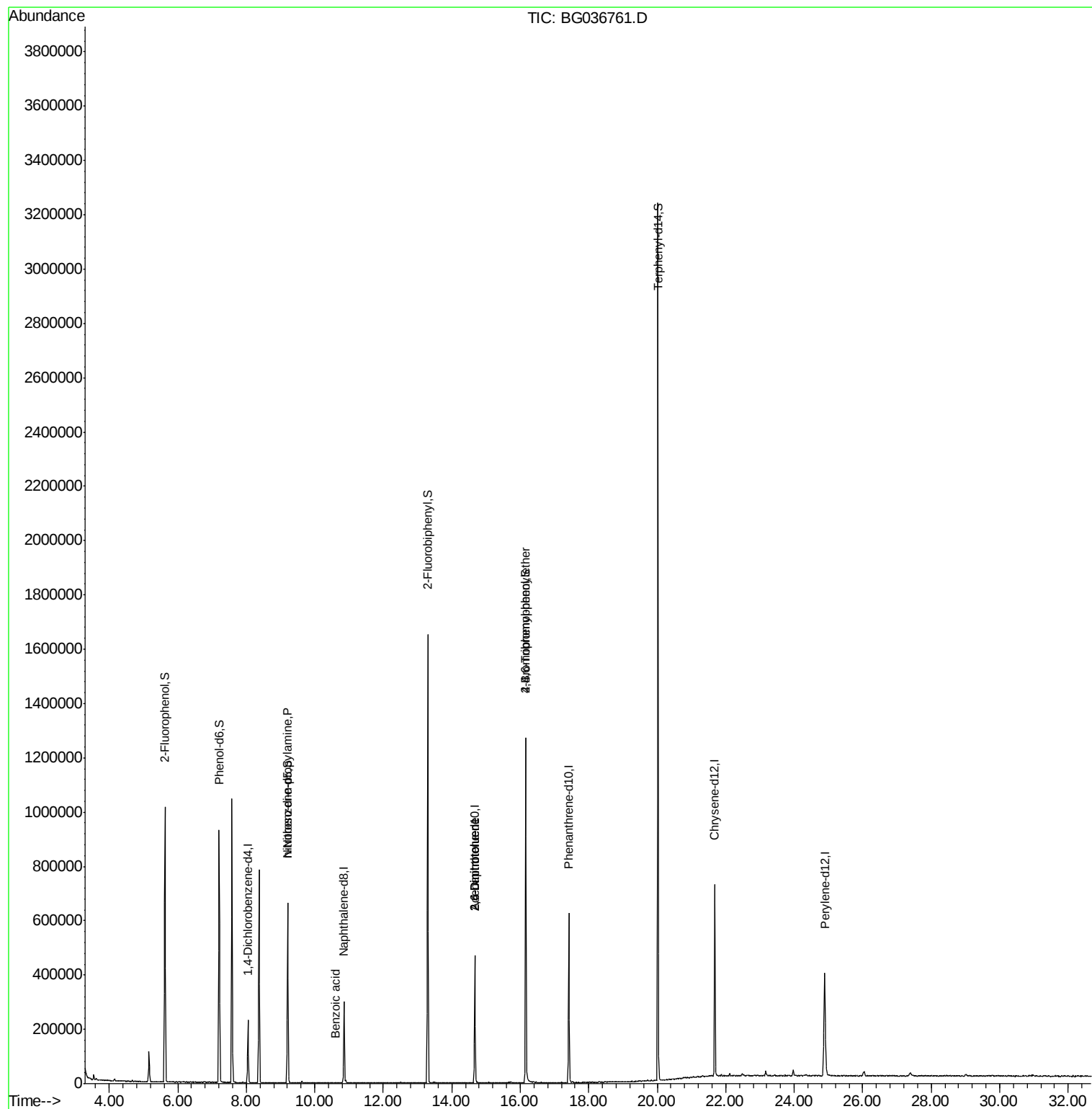
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	66998	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	253813	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	161798	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414476	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	431374	20.00	ng	-0.02
86) Perylene-d12	24.89	264	419748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421843	99.88	ng	0.00
7) Phenol-d6	7.21	99	527189	87.18	ng	-0.01
23) Nitrobenzene-d5	9.21	82	398301	85.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	247327	128.11	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	872526	77.00	ng	-0.01
78) Terphenyl-d14	20.02	244	1492198	80.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52604	11.640	ng	# 71
32) Benzoic acid	10.60	122	56	4.498	ng	# 1
50) 2,6-Dinitrotoluene	14.67	165	20029	7.367	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	20029	5.653	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	17276	3.560	ng	# 1

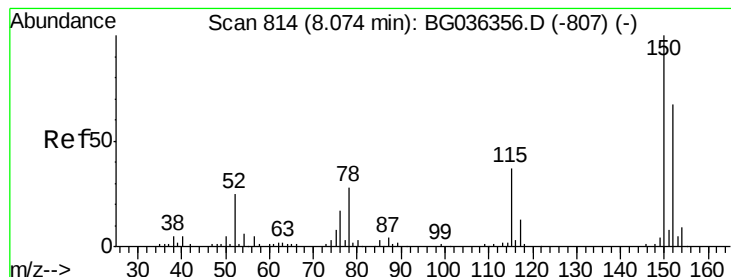
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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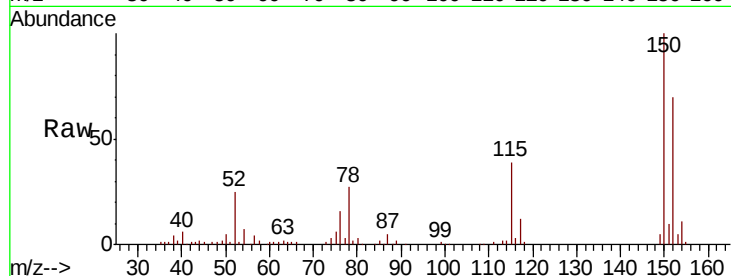


#1

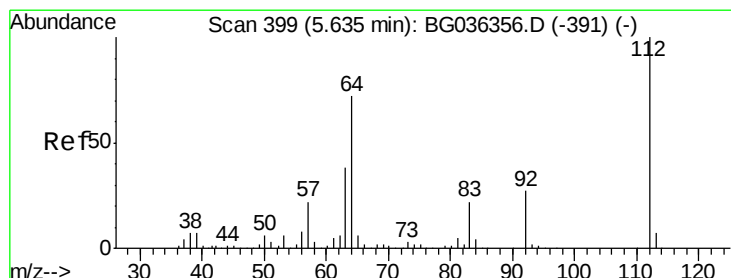
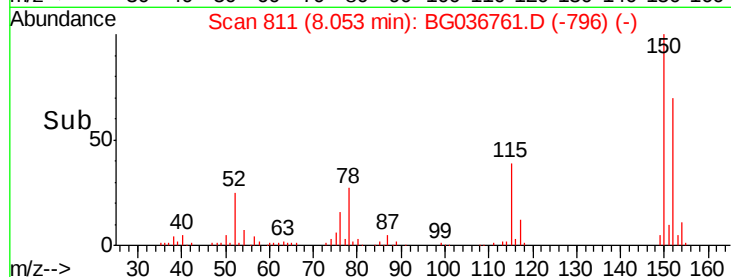
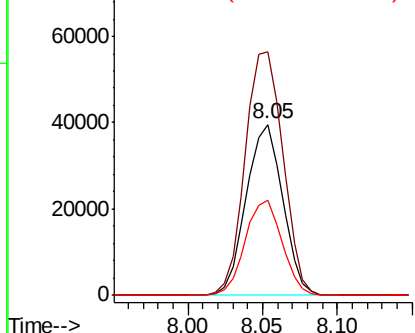
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	55.5	44.5	66.7



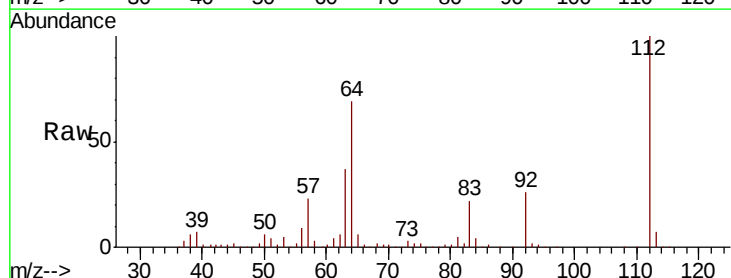
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



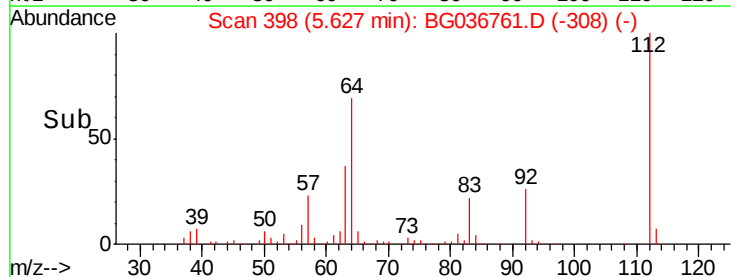
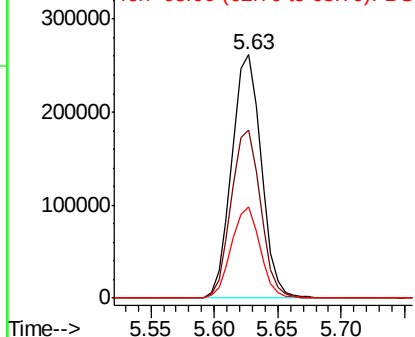
#5

2-Fluorophenol
Concen: 99.879 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.2	85.8
63	37.3	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: 87.181 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036761.D

Acq: 17 Sep 2018 19:21

Instrument :

BNA_G

ClientSampleId :

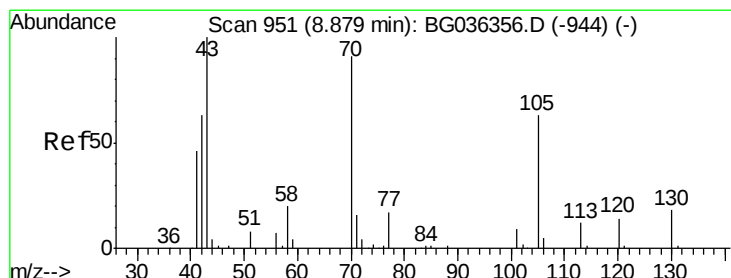
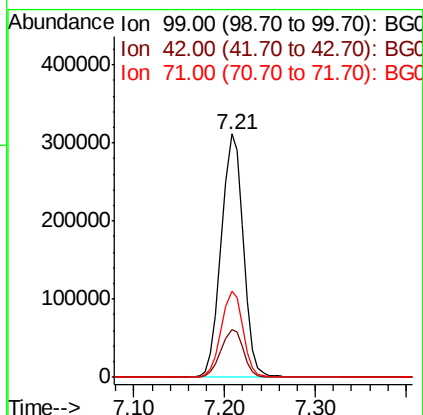
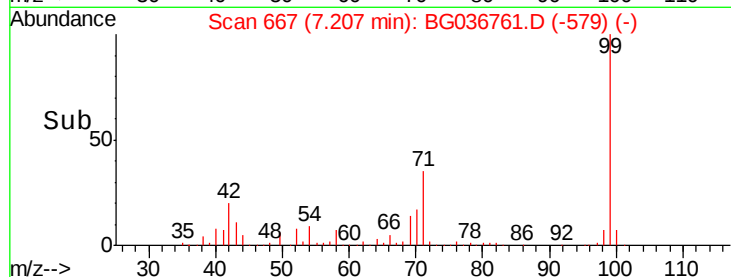
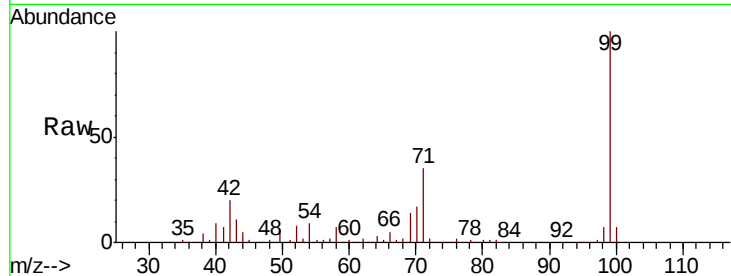
Tot Ion: 99 Resp: 527189

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

71 35.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.640 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036761.D

Acq: 17 Sep 2018 19:21

Tgt Ion: 70 Resp: 52604

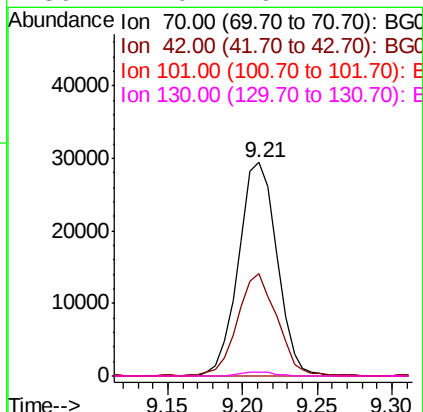
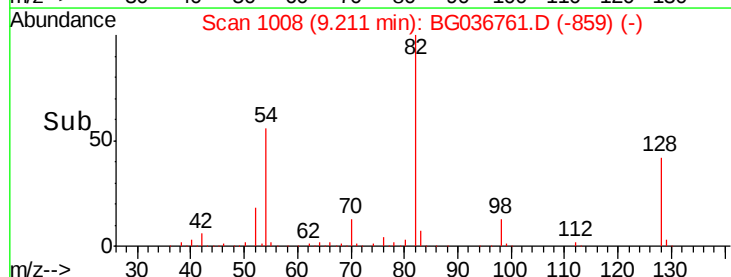
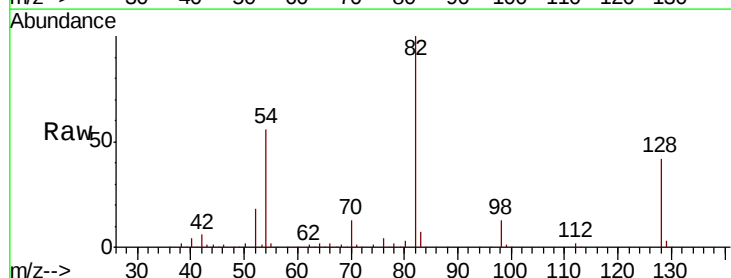
Ion Ratio Lower Upper

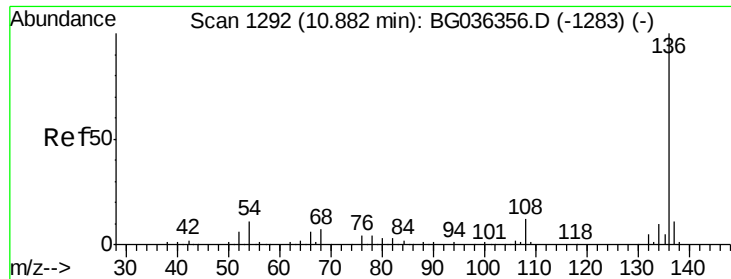
70 100

42 48.1 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#

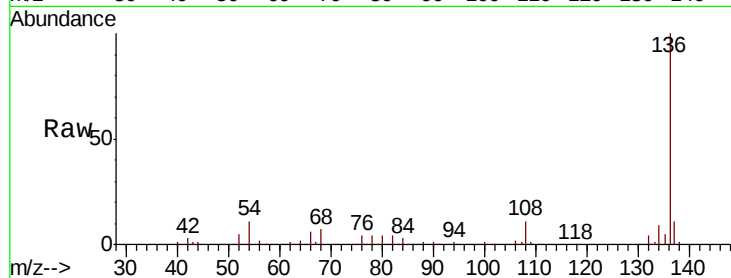




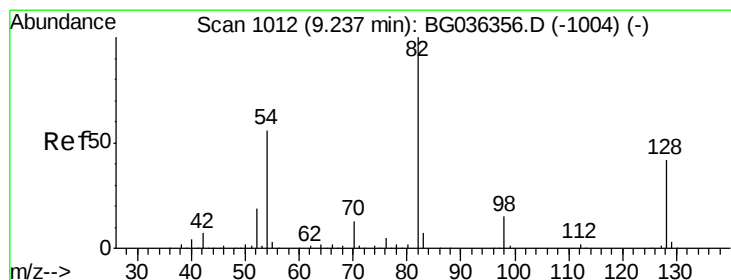
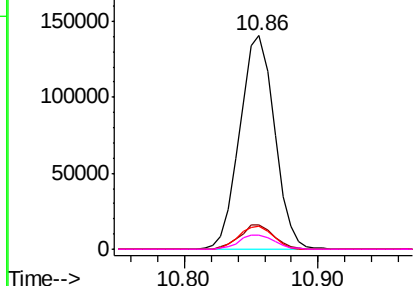
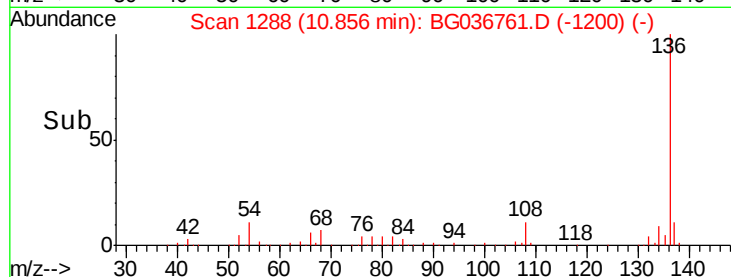
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253813
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	10.6	9.2 13.8
68	6.6	5.8 8.6

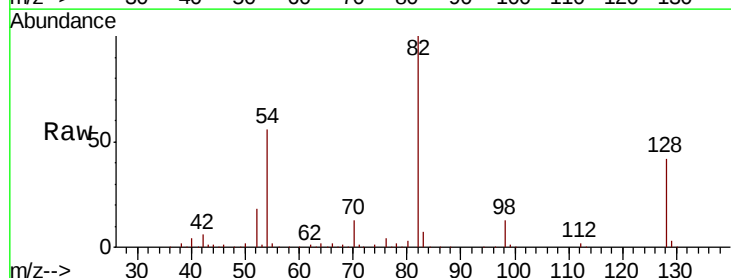


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

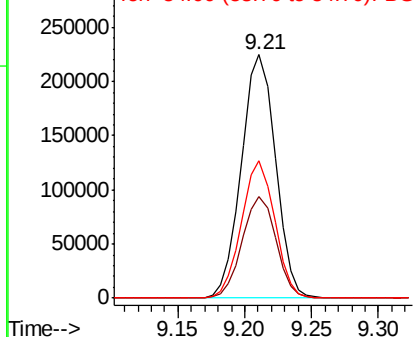
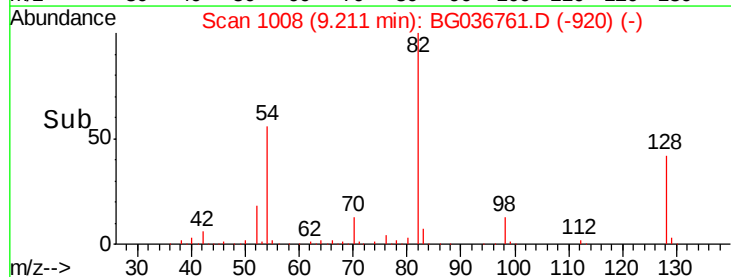


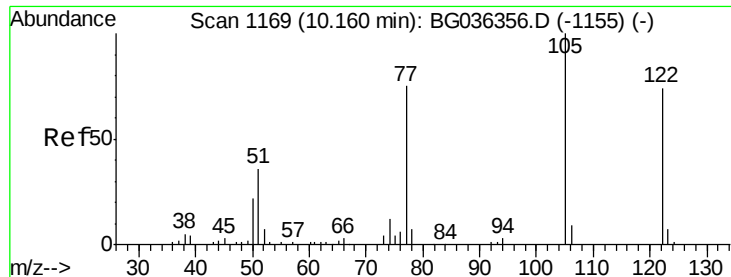
#23
Nitrobenzene-d5
Concen: 85.143 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion: 82	Resp:	398301
Ion	Ratio	Lower Upper
82	100	
128	41.6	33.3 49.9
54	56.2	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

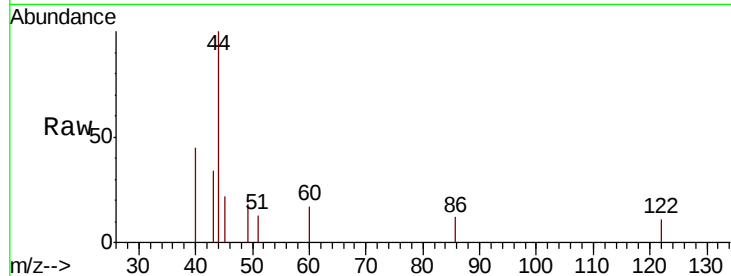




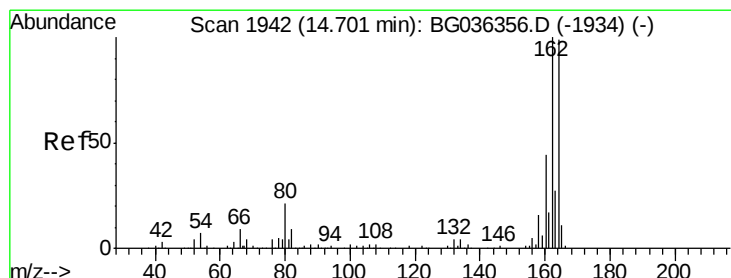
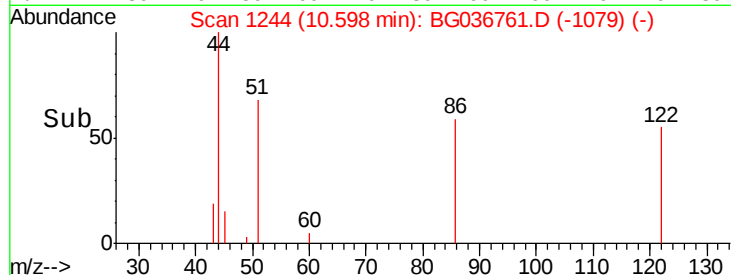
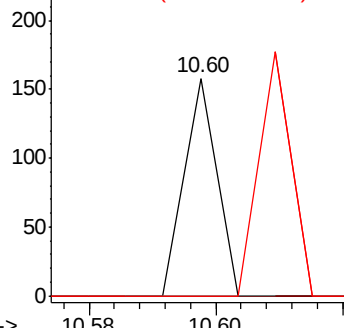
#32
Benzoic acid
Concen: 4.498 ng
RT: 10.60 min Scan# 1244
Delta R.T. 0.44 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#

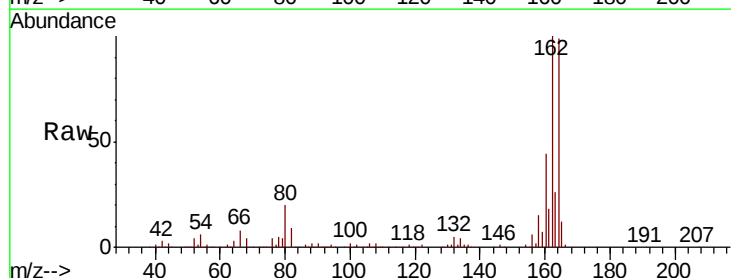


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

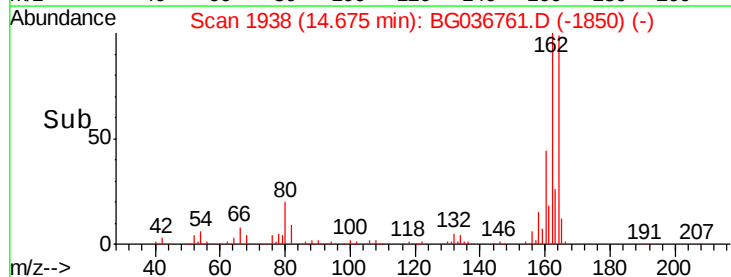
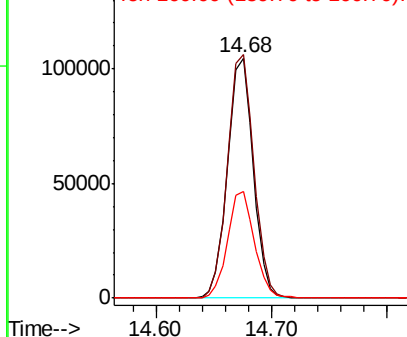


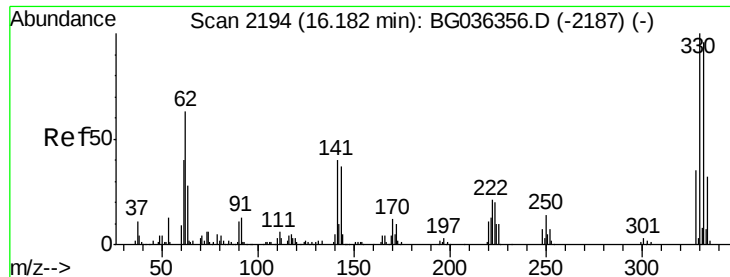
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:164 Resp: 161798
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 44.6 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

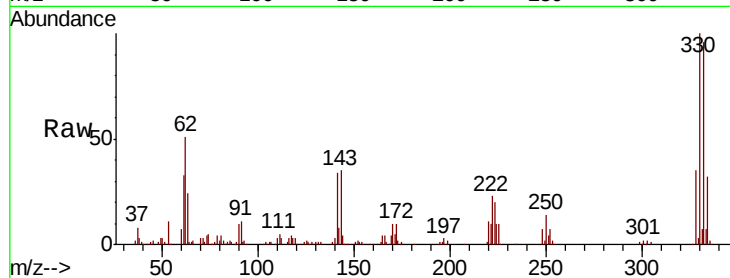




#41
 2,4,6-Tribromophenol
 Concen: 128.108 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036761.D
 Acq: 17 Sep 2018 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	36.9	30.7	46.1

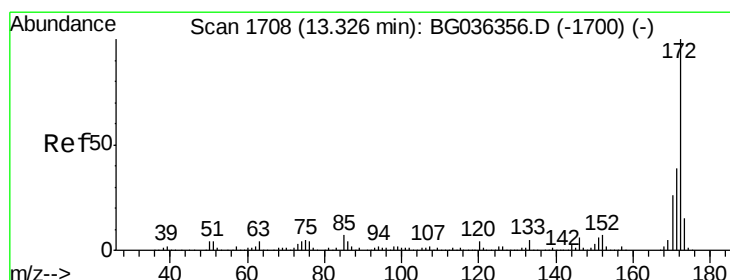
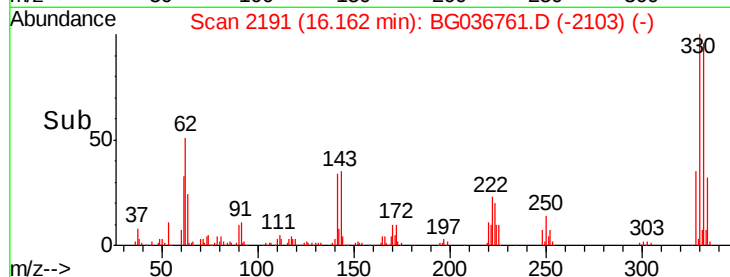
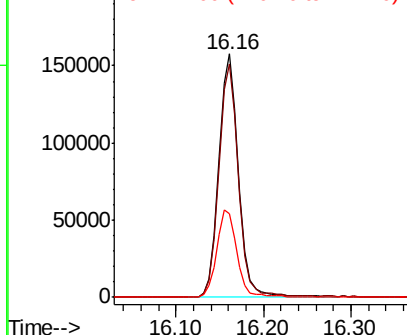


Abundance

Ion 329.80 (329.50 to 330.50): E

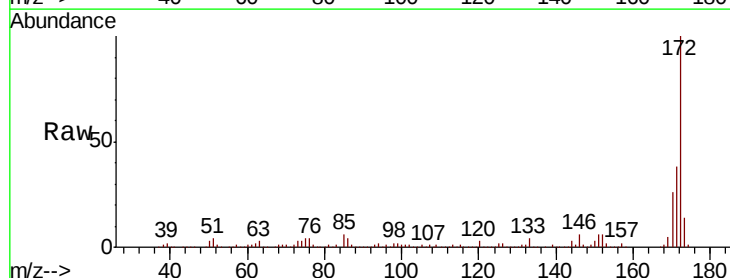
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.998 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036761.D
 Acq: 17 Sep 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.5	21.0	31.6

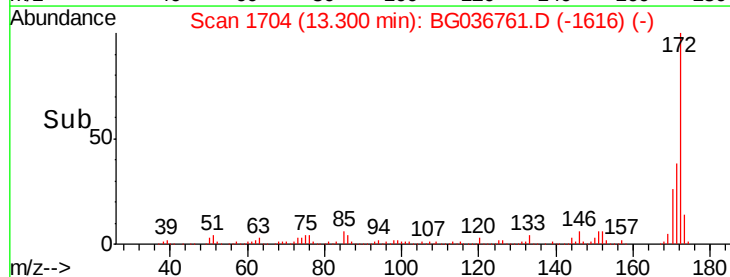
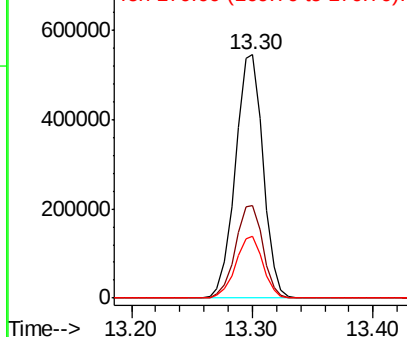


Abundance

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

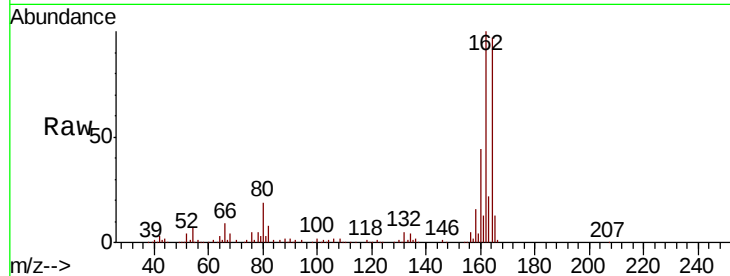




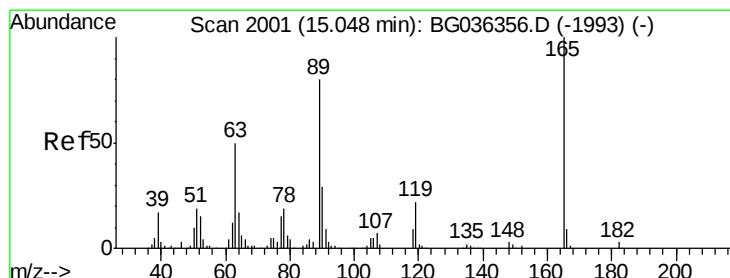
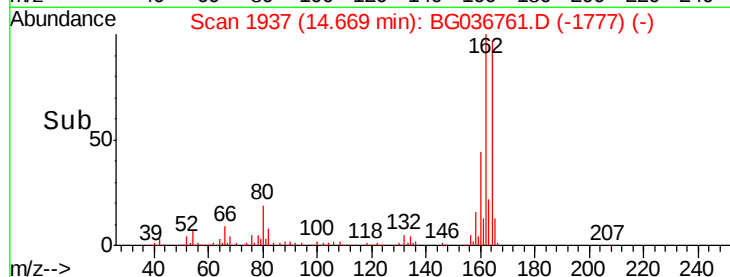
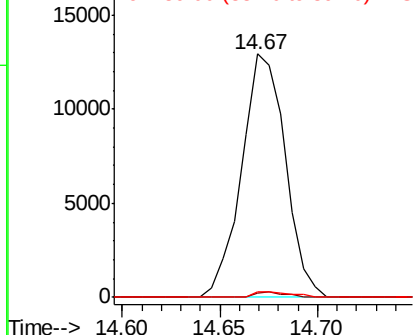
#50
2,6-Dinitrotoluene
Concen: 7.367 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 20029
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 2.1 47.8 71.6#

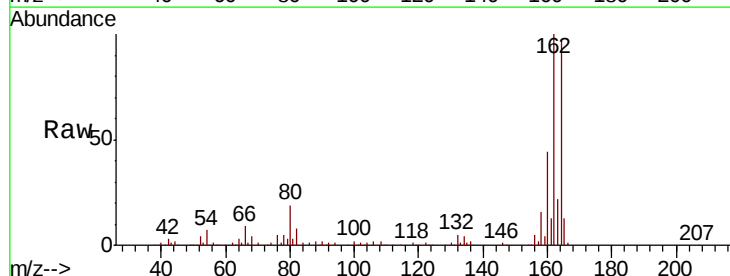


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

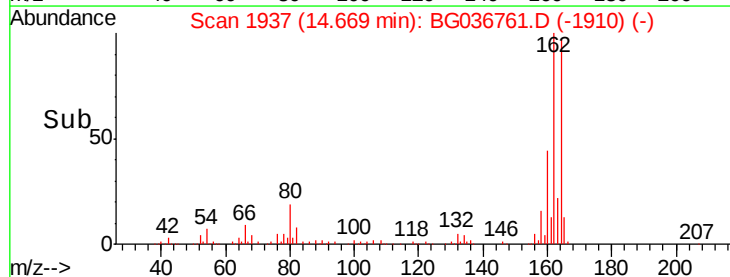
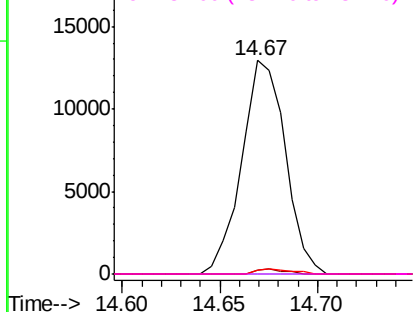


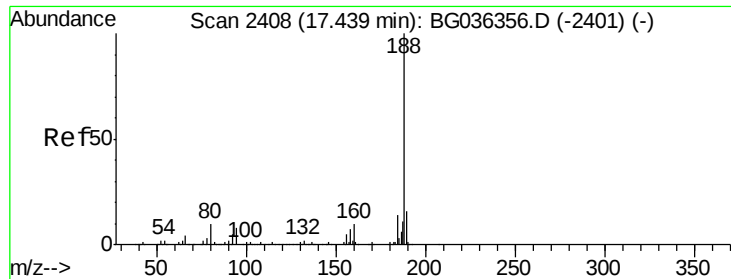
#56
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:165 Resp: 20029
Ion Ratio Lower Upper
165 100
63 1.9 40.1 60.1#
89 2.1 63.7 95.5#
182 0.0 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
20000 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

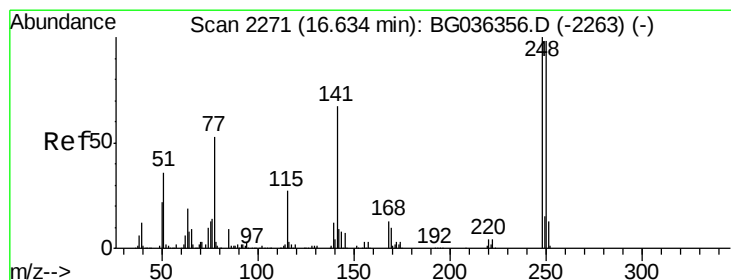
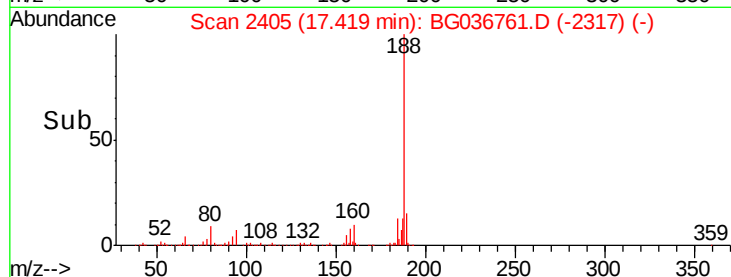
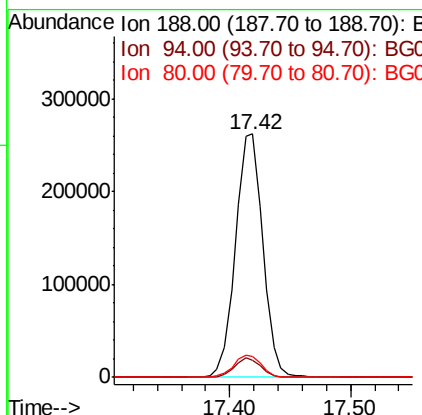
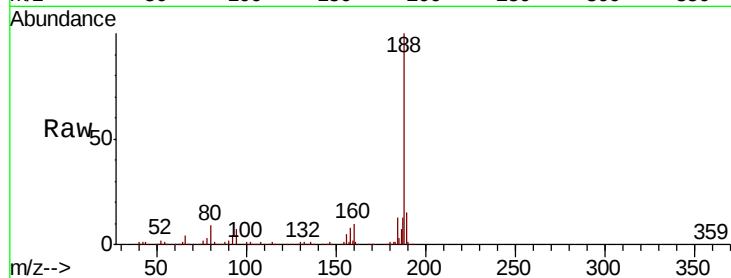




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

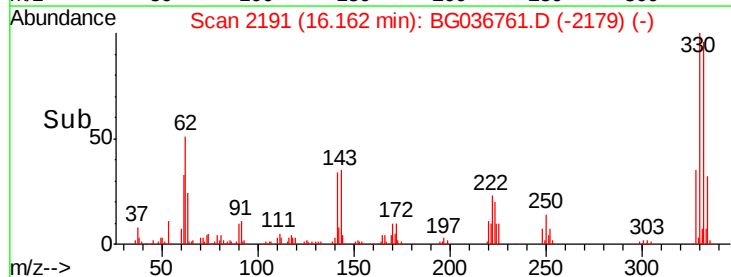
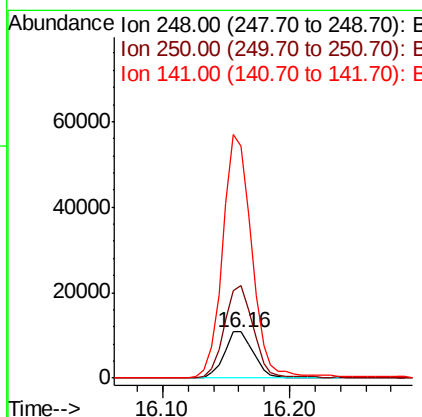
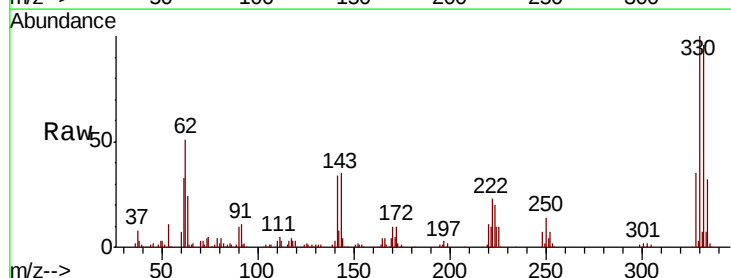
Instrument :
BNA_G
ClientSampleId :

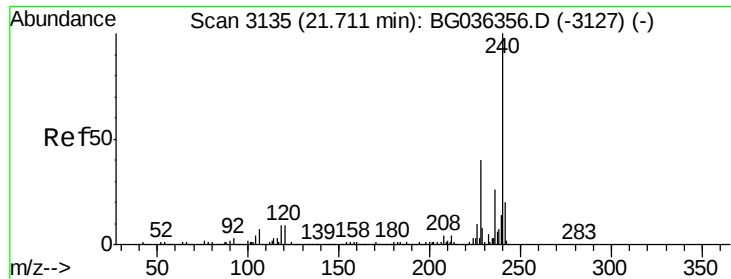
Tot Ion:188 Resp: 414476
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.6 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.560 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:248 Resp: 17276
Ion Ratio Lower Upper
248 100
250 201.2 78.1 117.1#
141 502.0 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036761.D

Acq: 17 Sep 2018 19:21

Instrument :

BNA_G

ClientSampleId :

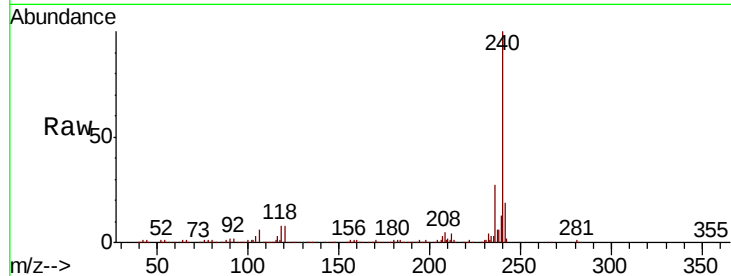
Tot Ion:240 Resp: 431374

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

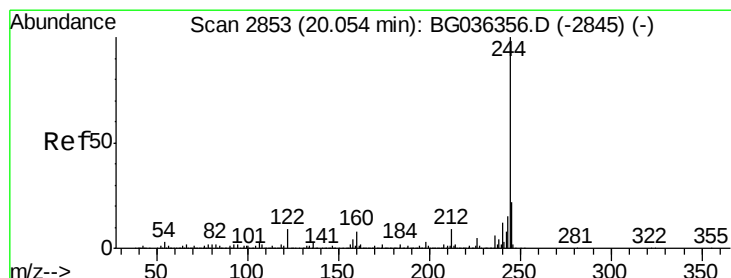
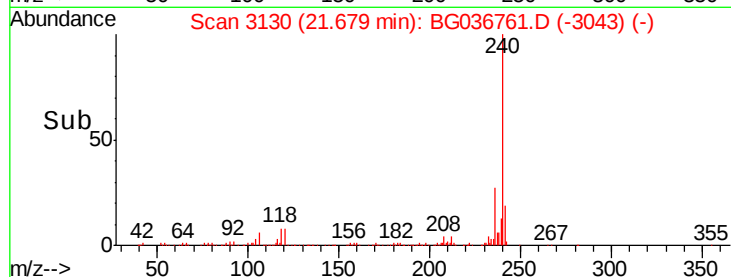
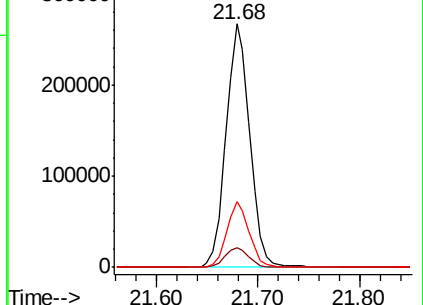
236 26.8 21.2 31.8



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: 80.853 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036761.D

Acq: 17 Sep 2018 19:21

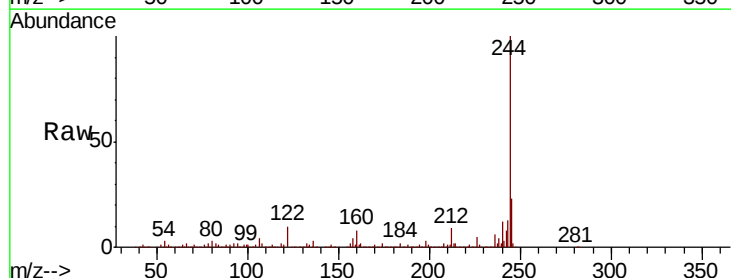
Tgt Ion:244 Resp: 1492198

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

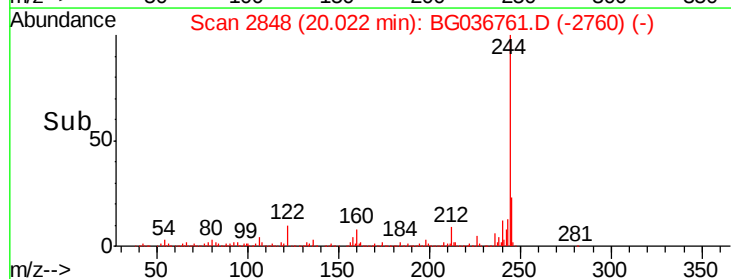
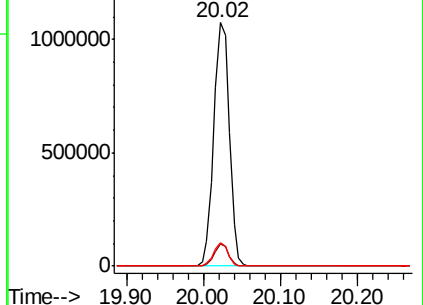
122 9.8 7.1 10.7

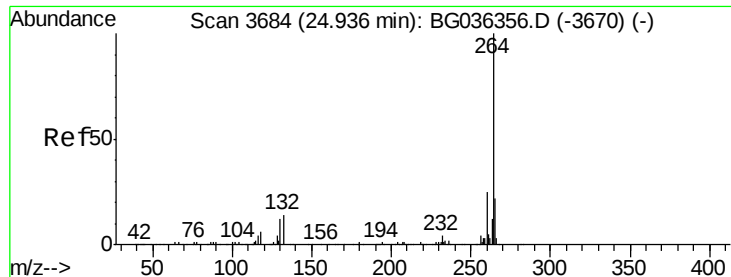


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

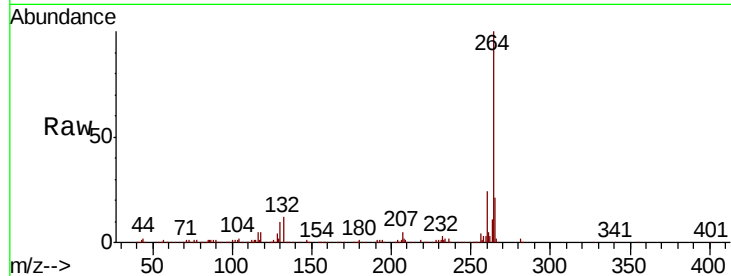




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.2	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

