

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036773.D
 Acq On : 18 Sep 2018 4:42
 Operator : JU/SJ
 Sample : J4775-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-A

Quant Time: Sep 18 07:12:16 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

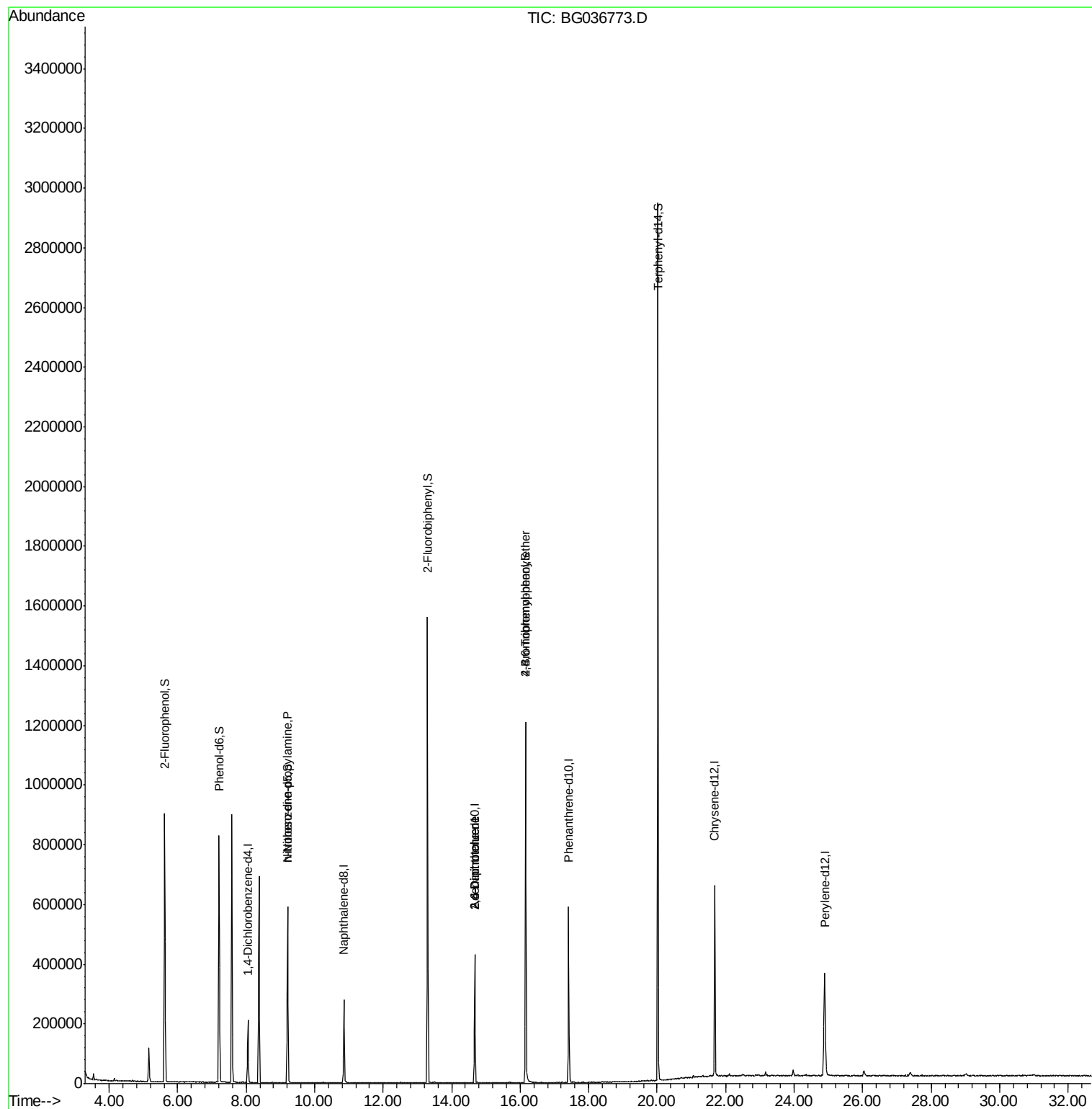
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57233	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	233024	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	150917	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	372059	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	394322	20.00	ng	-0.01
86) Perylene-d12	24.89	264	390516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	365969	101.43	ng	0.00
7) Phenol-d6	7.21	99	463667	89.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	358902	83.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	222126	123.35	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	801037	75.79	ng	-0.01
78) Terphenyl-d14	20.02	244	1357600	80.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47903	12.408	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	18794	7.412	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	18794	5.687	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	15688	3.601	ng	# 1

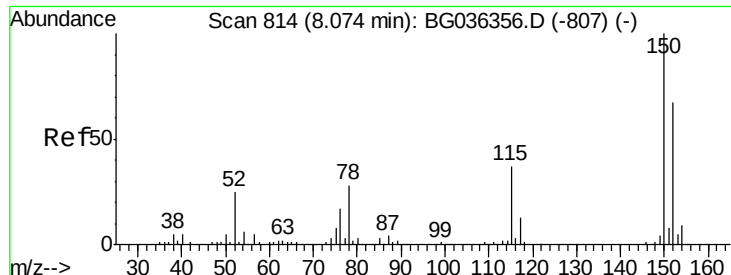
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
Data File : BG036773.D
Acq On : 18 Sep 2018 4:42
Operator : JU/SJ
Sample : J4775-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-091418-A

Quant Time: Sep 18 07:12:16 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



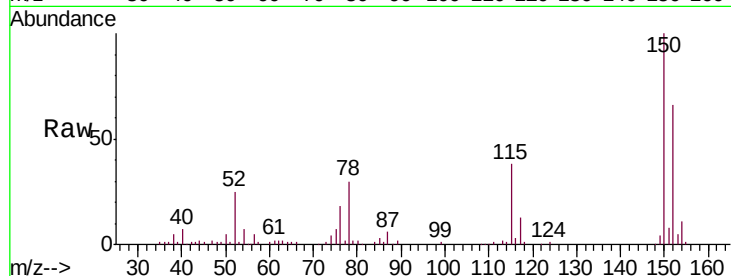


#1

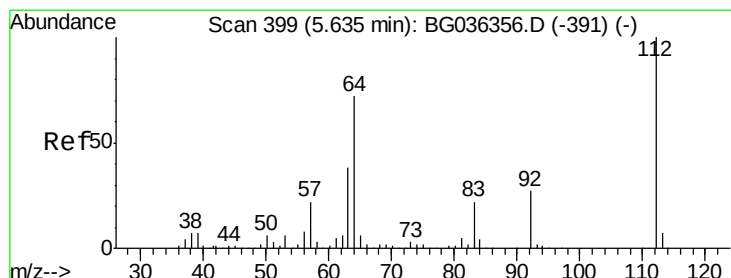
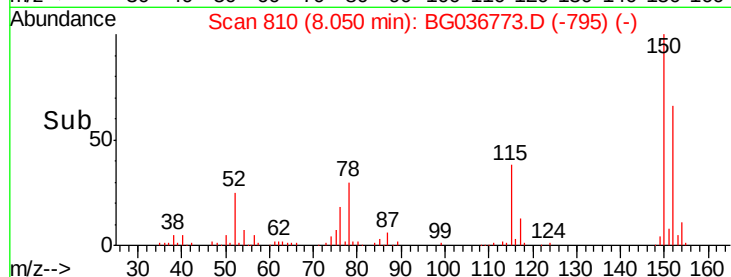
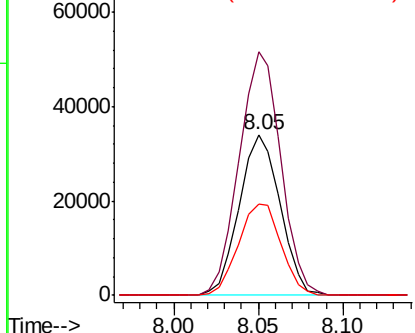
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

Instrument :
BNA_G
ClientSampleId :
OR-03-091418-A

Tgt Ion:152 Resp: 57233
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 57.1 44.5 66.7



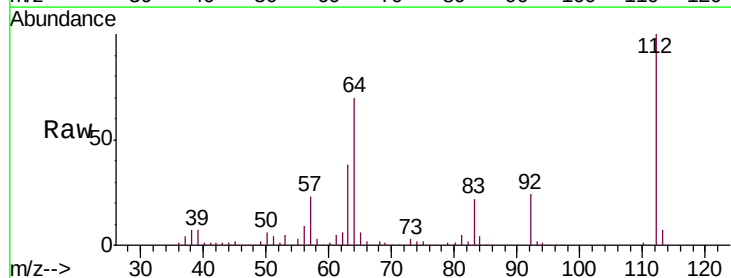
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



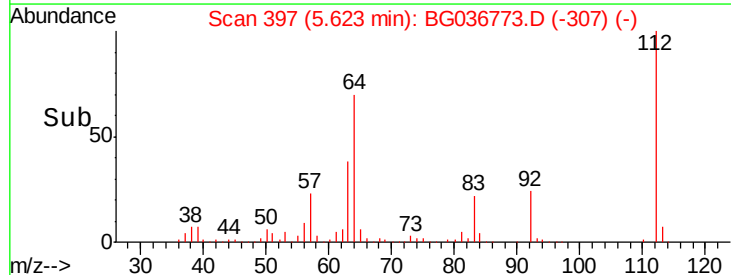
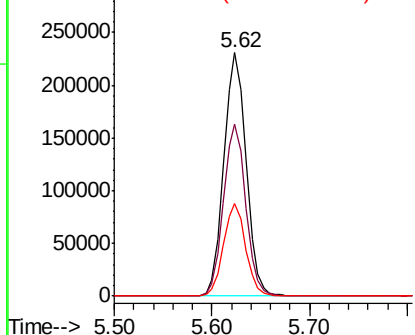
#5

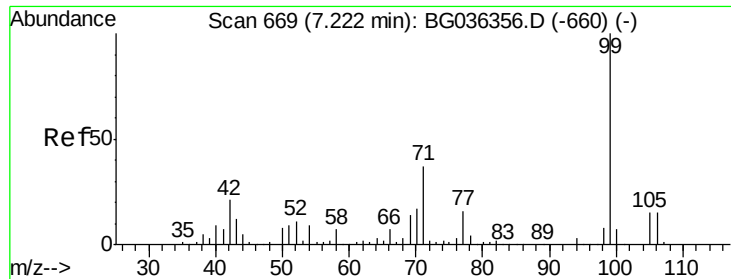
2-Fluorophenol
Concen: 101.434 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

Tgt Ion:112 Resp: 365969
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 38.2 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.758 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036773.D

Acq: 18 Sep 2018 4:42

Instrument :

BNA_G

ClientSampleId :

OR-03-091418-A

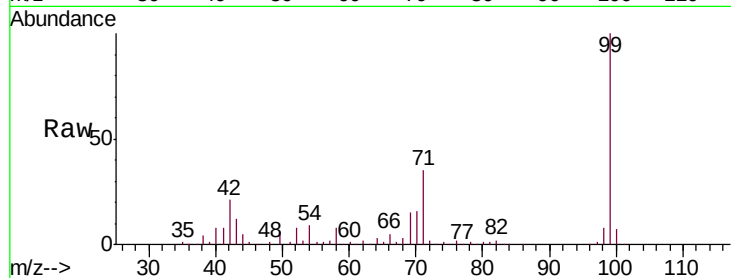
Tgt Ion: 99 Resp: 463667

Ion Ratio Lower Upper

99 100

42 20.9 16.5 24.7

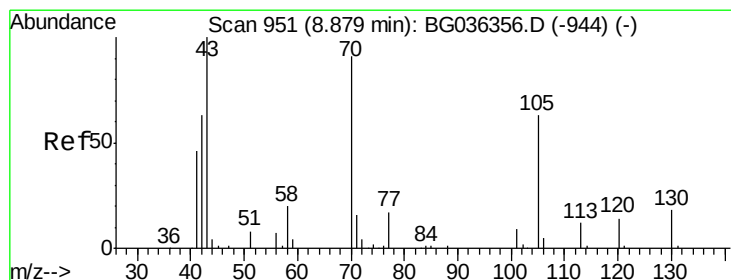
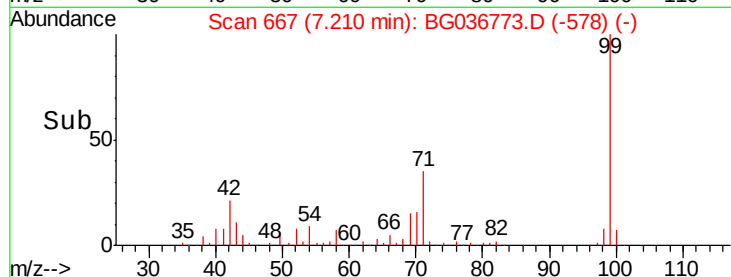
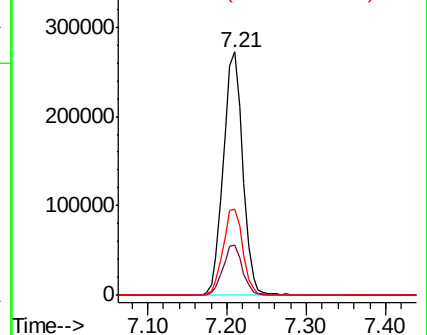
71 35.5 29.4 44.2



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: 12.408 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036773.D

Acq: 18 Sep 2018 4:42

Tgt Ion: 70 Resp: 47903

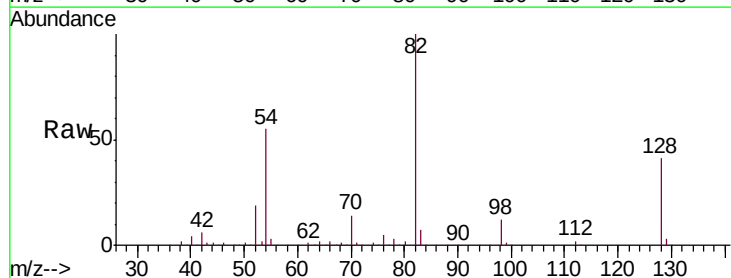
Ion Ratio Lower Upper

70 100

42 46.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#

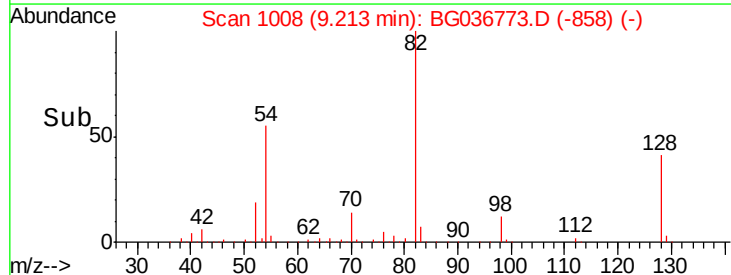
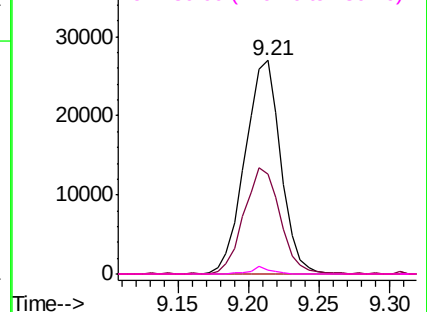


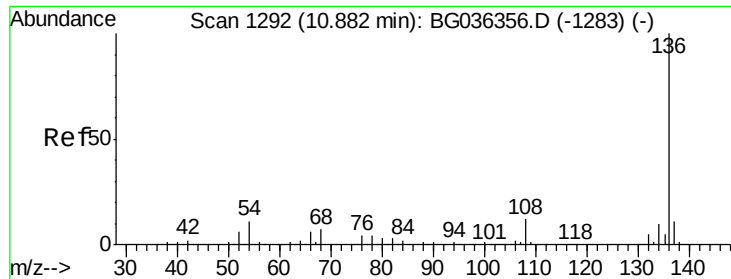
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

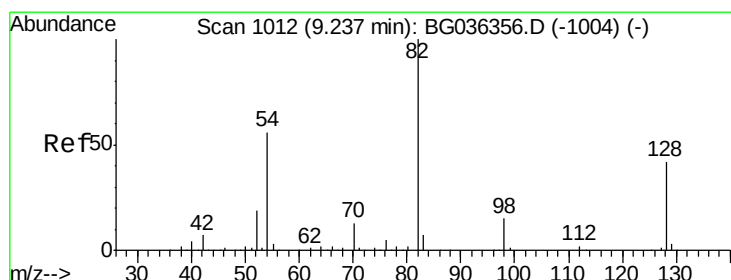
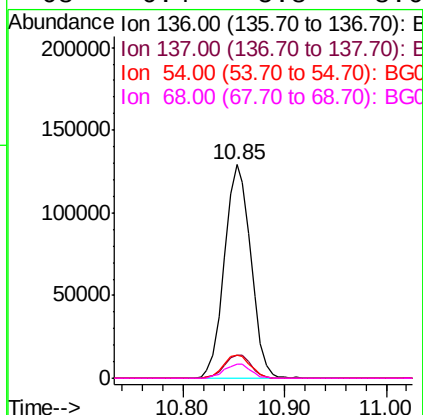
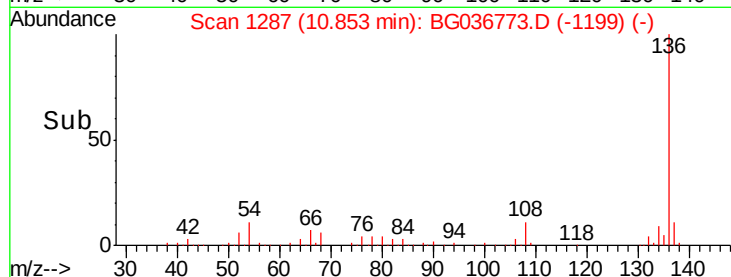
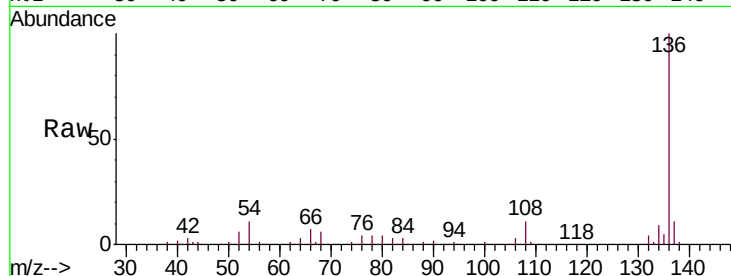




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

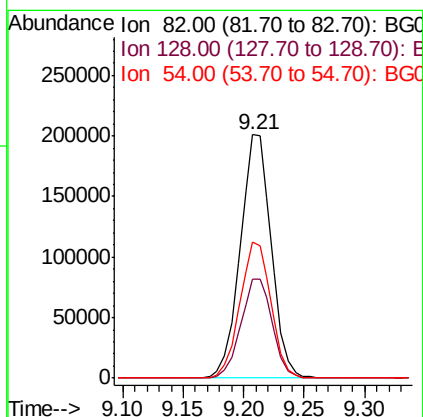
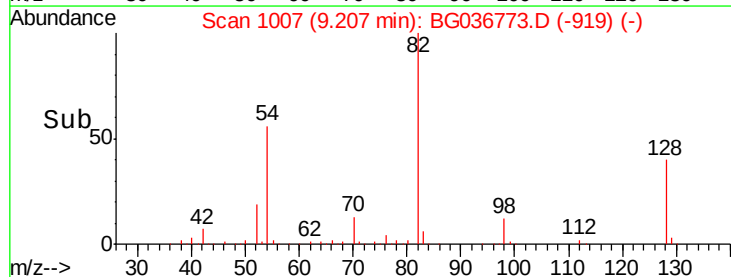
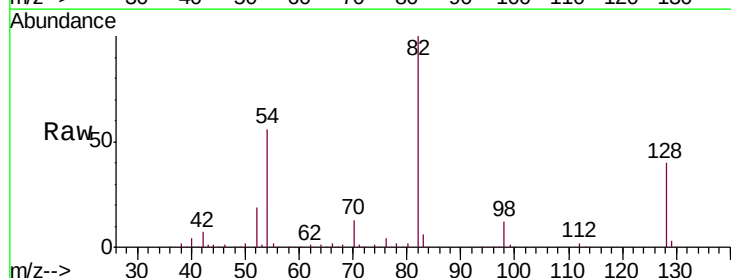
Instrument :
BNA_G
ClientSampleId :
OR-03-091418-A

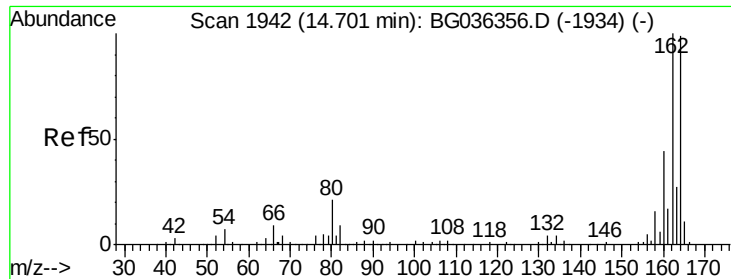
Tgt Ion:	136	Resp:	233024
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.8	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 83.566 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

Tgt Ion:	82	Resp:	358902
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	56.0	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036773.D

Acq: 18 Sep 2018 4:42

Instrument :

BNA_G

ClientSampleId :

OR-03-091418-A

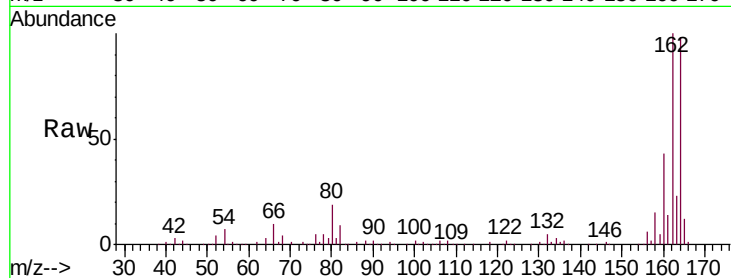
Tgt Ion:164 Resp: 150917

Ion Ratio Lower Upper

164 100

162 102.3 80.7 121.1

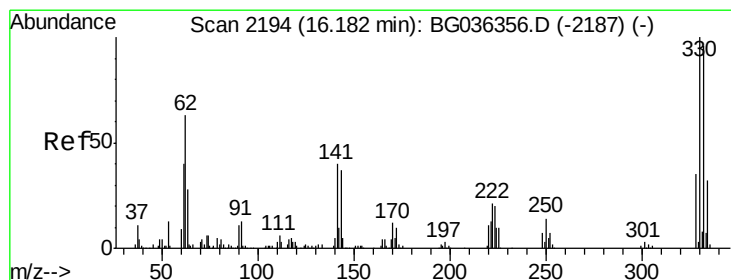
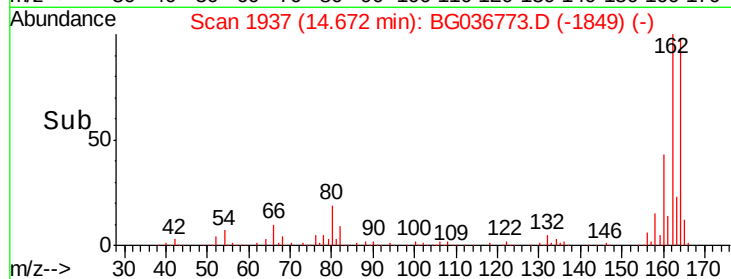
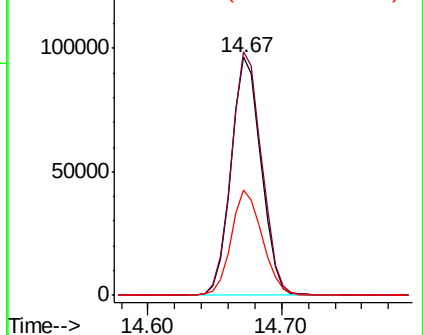
160 44.3 35.3 52.9



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: 123.350 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036773.D

Acq: 18 Sep 2018 4:42

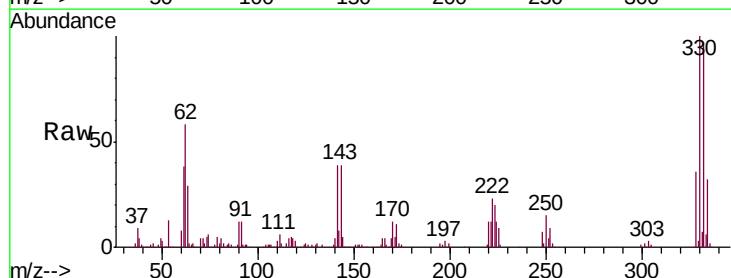
Tgt Ion:330 Resp: 222126

Ion Ratio Lower Upper

330 100

332 97.5 75.4 113.2

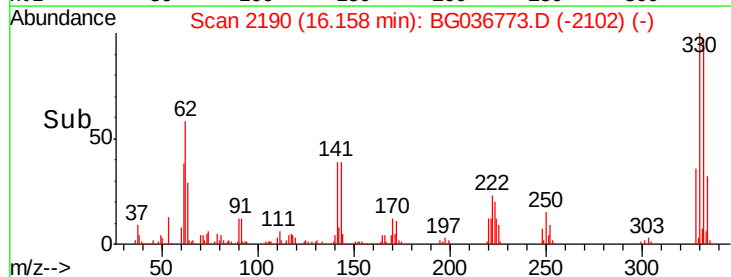
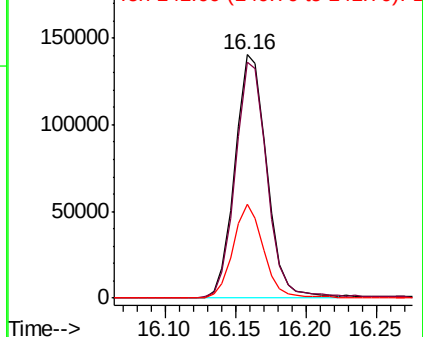
141 36.9 30.7 46.1

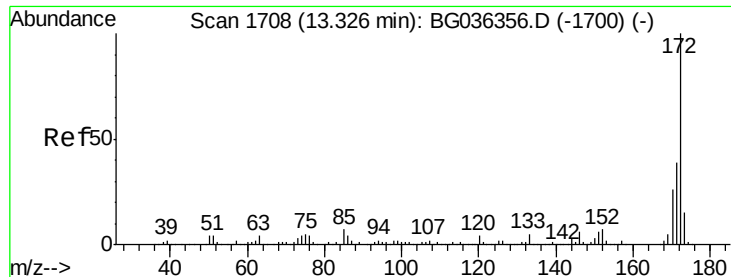


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

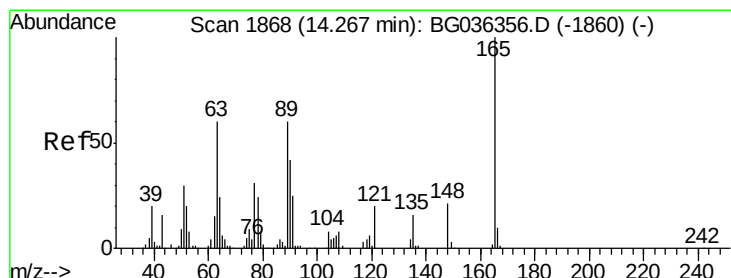
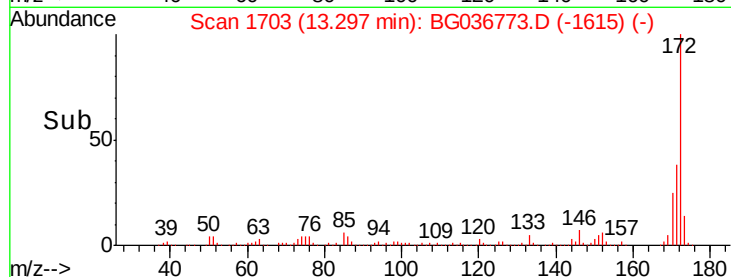
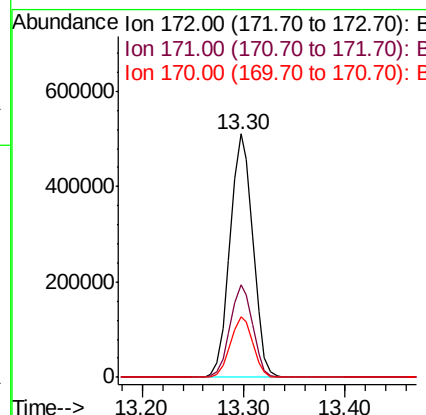
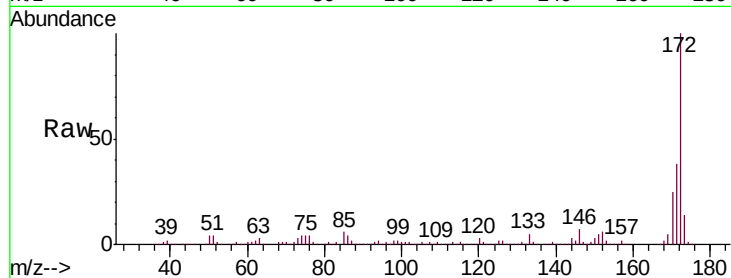




#44
 2-Fluorobiphenyl
 Concen: 75.786 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

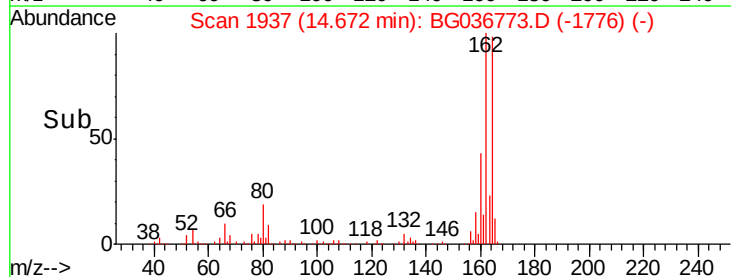
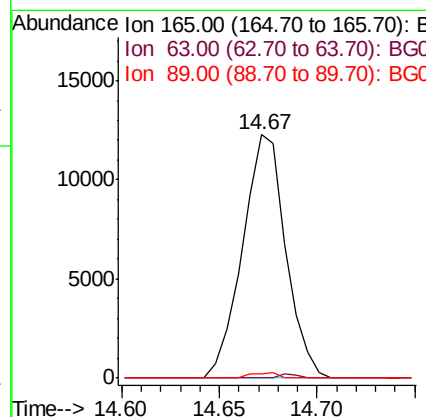
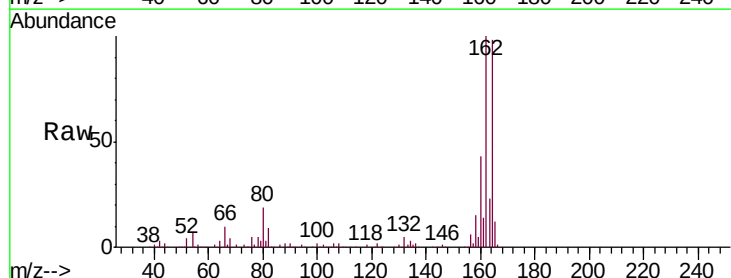
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-A

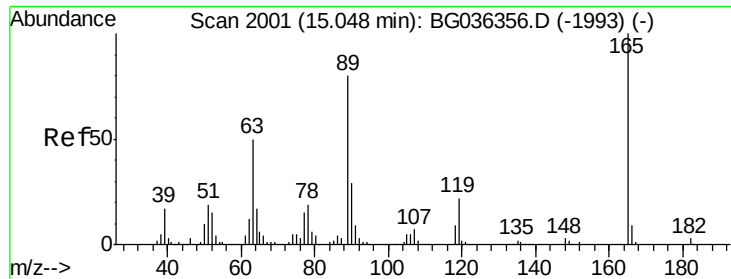
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.9	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.412 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.5	47.8	71.6#

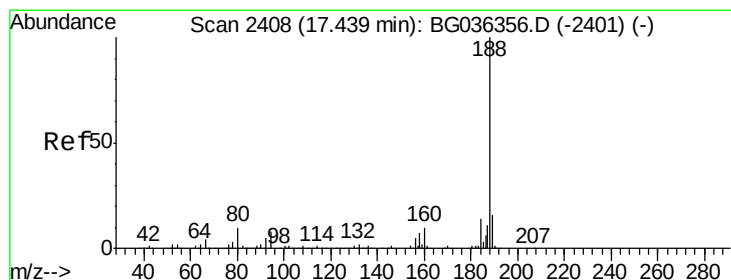
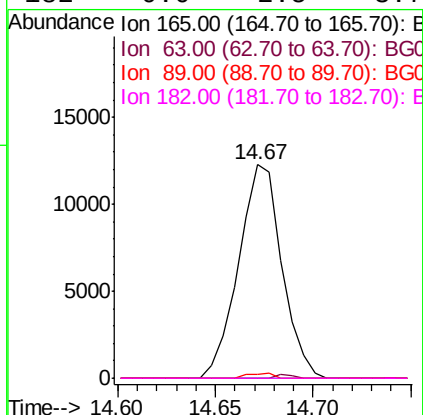
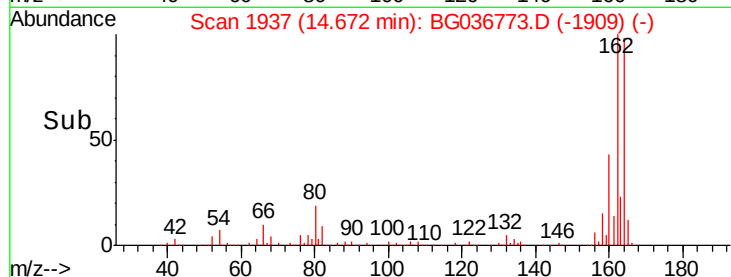
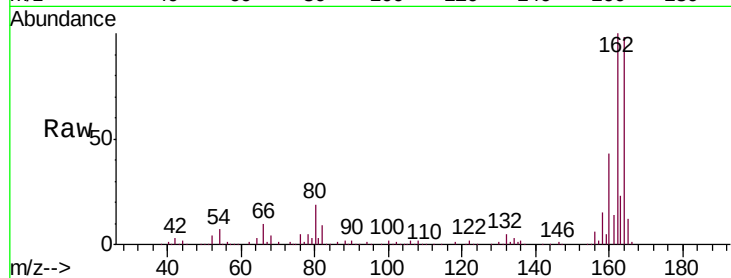




#56
 2,4-Dinitrotoluene
 Concen: 5.687 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

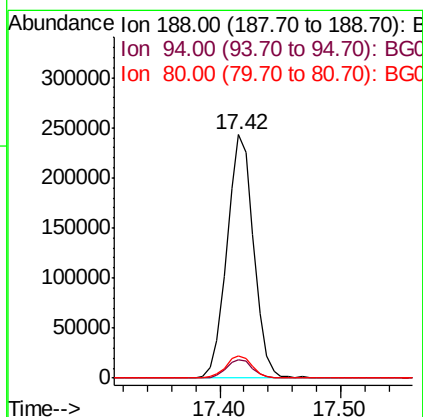
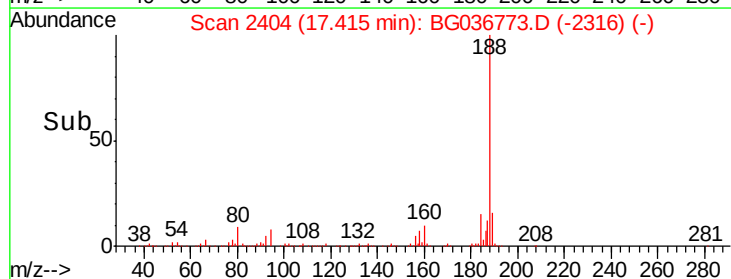
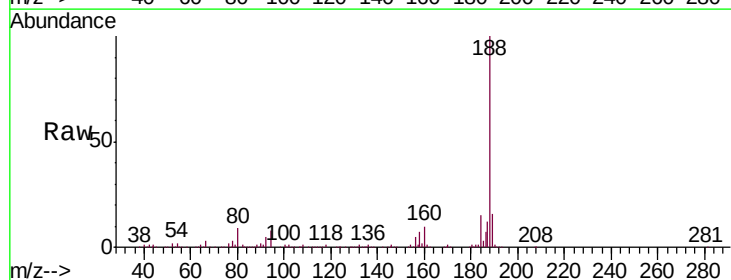
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-A

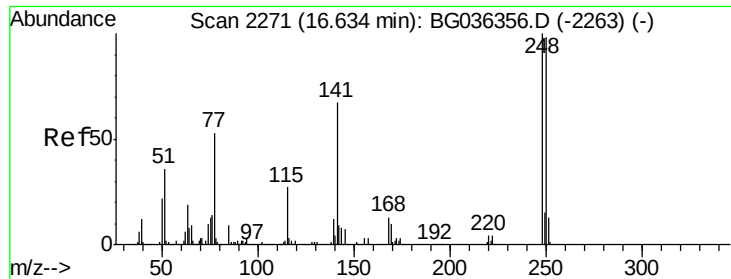
Tgt Ion:	165	Resp:	18794
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

Tgt Ion:	188	Resp:	372059
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.1	8.1	12.1

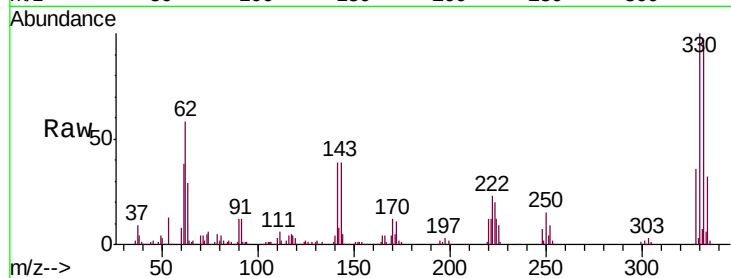




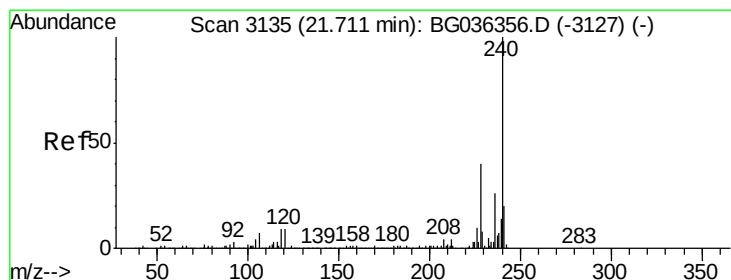
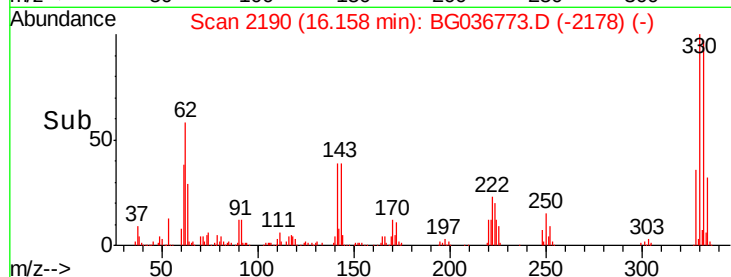
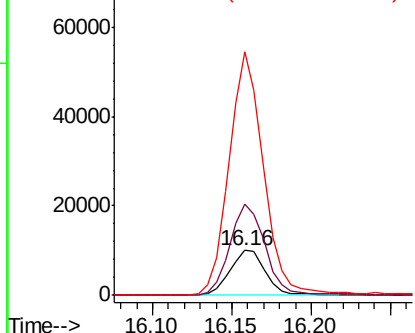
#66
4-Bromophenyl-phenylether
Concen: 3.601 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

Instrument :
BNA_G
ClientSampleId :
OR-03-091418-A

Tgt Ion:248 Resp: 15688
Ion Ratio Lower Upper
248 100
250 203.7 78.1 117.1#
141 542.2 53.7 80.5#

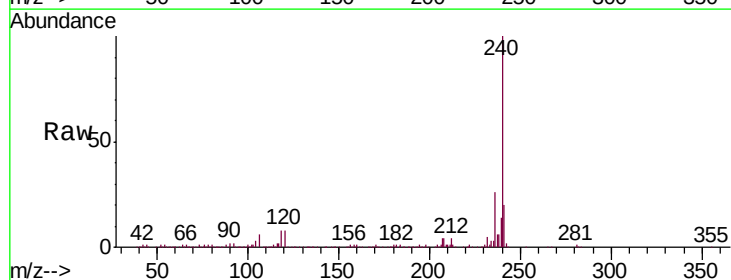


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

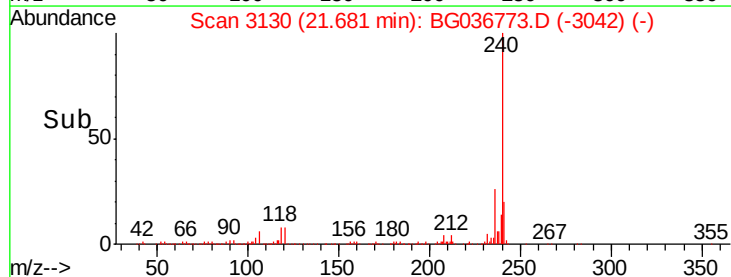
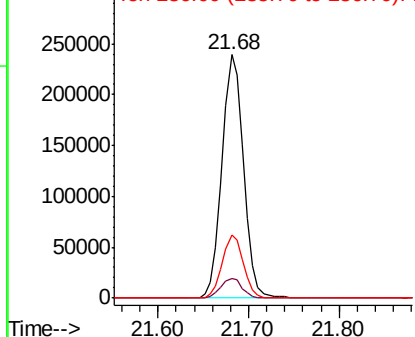


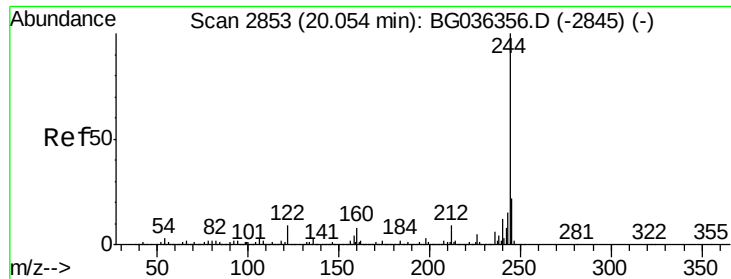
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036773.D
Acq: 18 Sep 2018 4:42

Tgt Ion:240 Resp: 394322
Ion Ratio Lower Upper
240 100
120 7.8 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

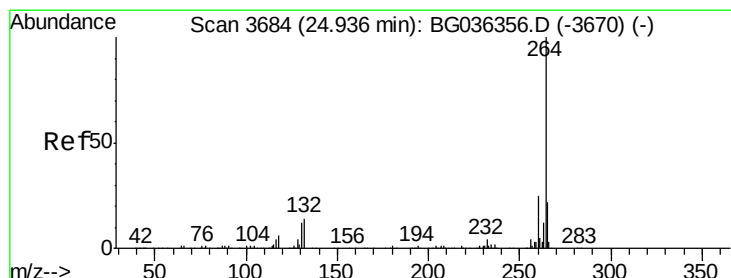
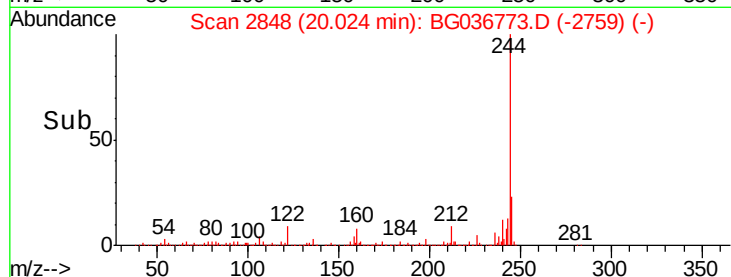
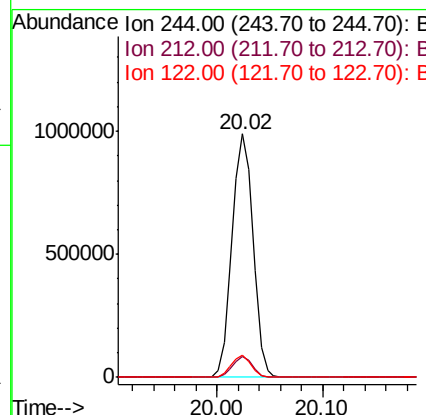
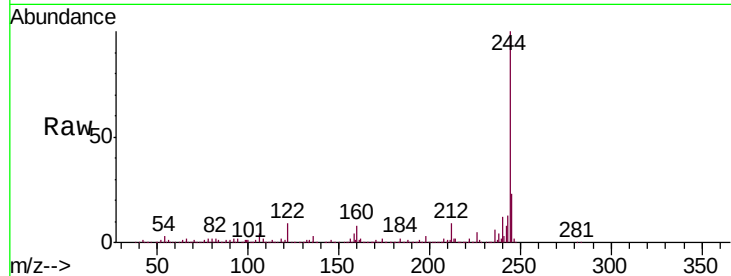




#78
 Terphenyl-d14
 Concen: 80.472 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-A

Tgt Ion:244 Resp: 1357600
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036773.D
 Acq: 18 Sep 2018 4:42

Tgt Ion:264 Resp: 390516
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 21.3 17.4 26.0

