

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036468.D
 Acq On : 28 Aug 2018 21:35
 Operator : JU/SJ
 Sample : J4277-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

Quant Time: Aug 29 01:07:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

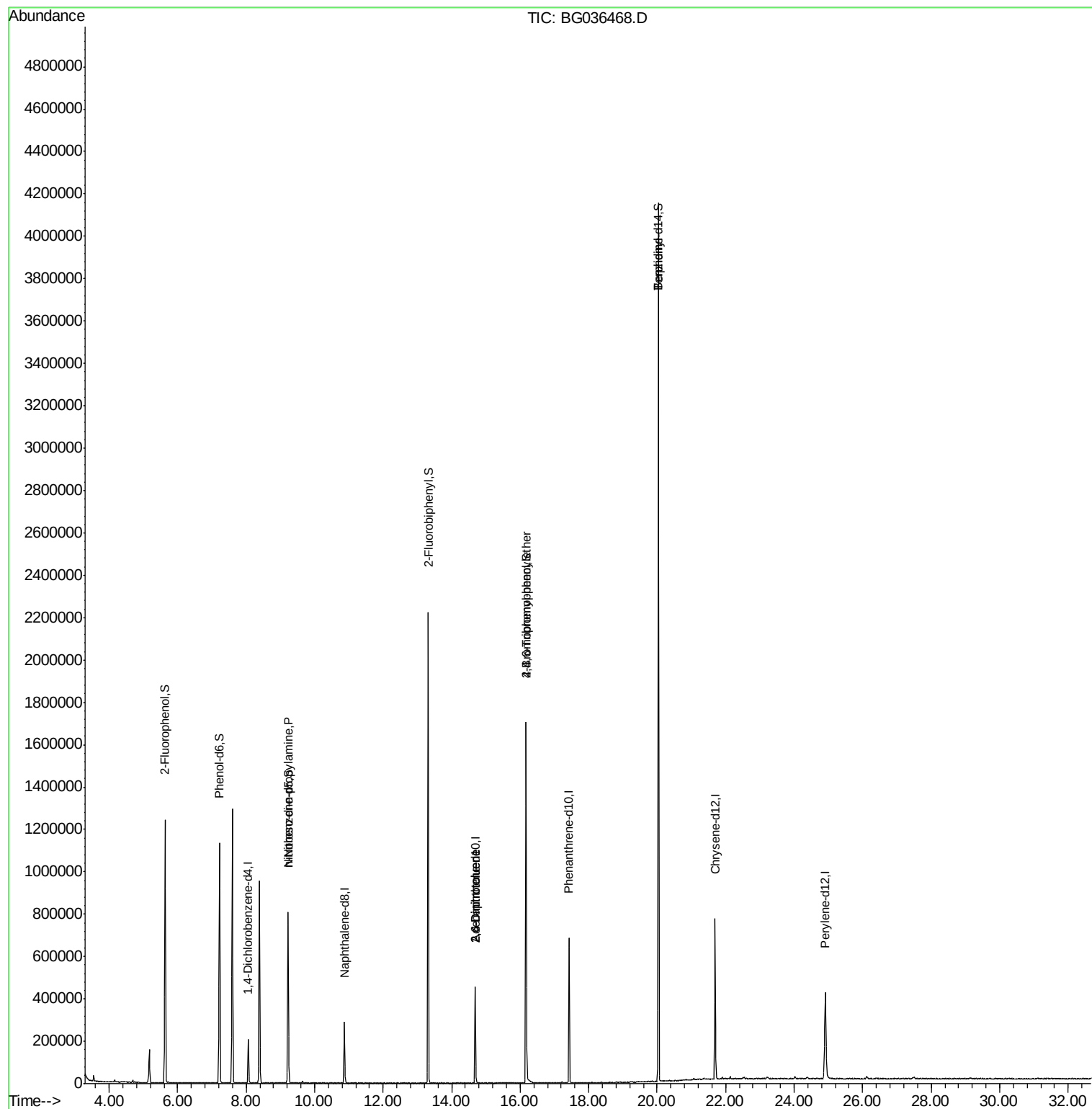
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57532	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	243267	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	157407	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	415937	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	462180	20.00	ng	-0.02
86) Perylene-d12	24.91	264	458796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	514441	141.84	ng	0.00
7) Phenol-d6	7.22	99	645124	124.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	485786	108.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	318736	169.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1109664	100.66	ng	-0.01
78) Terphenyl-d14	20.04	244	1923014	97.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66280	17.079	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	21121	7.986	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21121	6.127	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	22167	4.552	ng	# 1
76) Benzidine	20.04	184	36062	2.446	ng	# 92

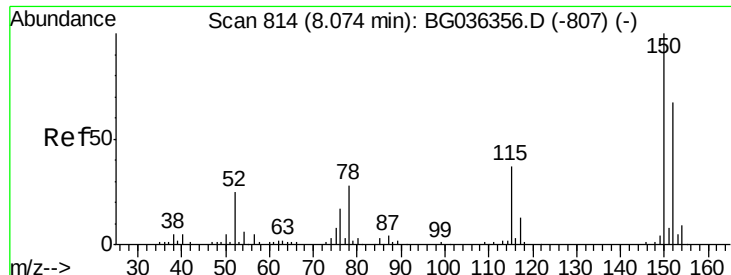
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
Data File : BG036468.D
Acq On : 28 Aug 2018 21:35
Operator : JU/SJ
Sample : J4277-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

Quant Time: Aug 29 01:07:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



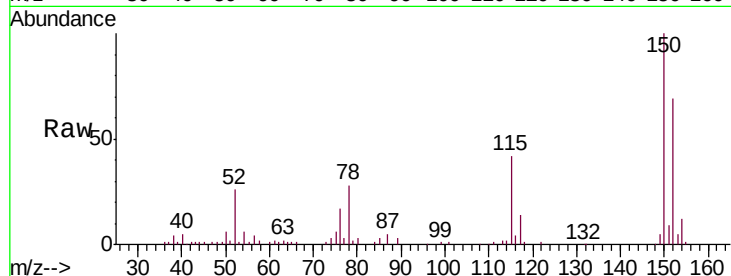


#1

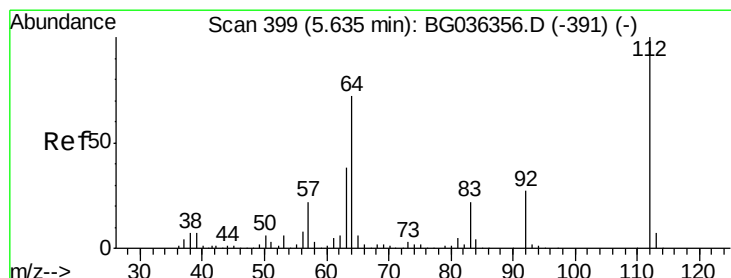
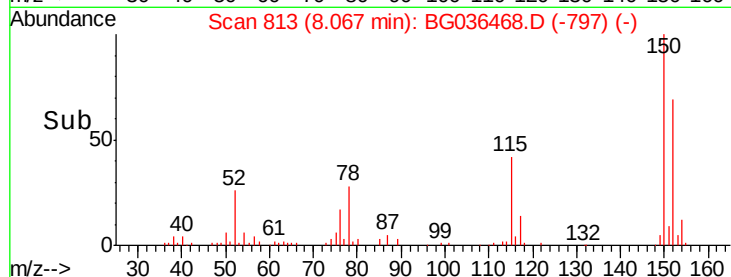
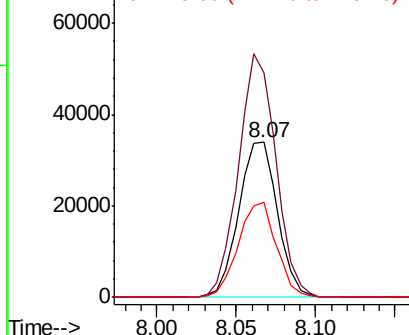
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

Tgt Ion:152 Resp: 57532
Ion Ratio Lower Upper
152 100
150 145.1 119.5 179.3
115 61.3 44.5 66.7



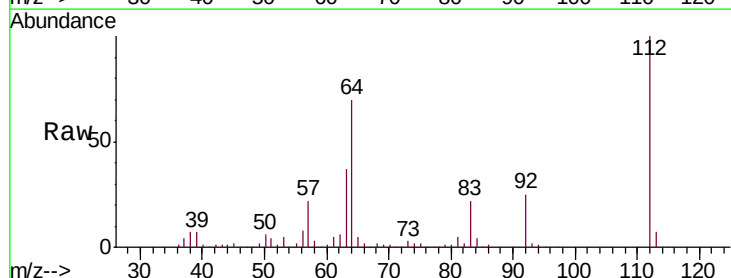
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



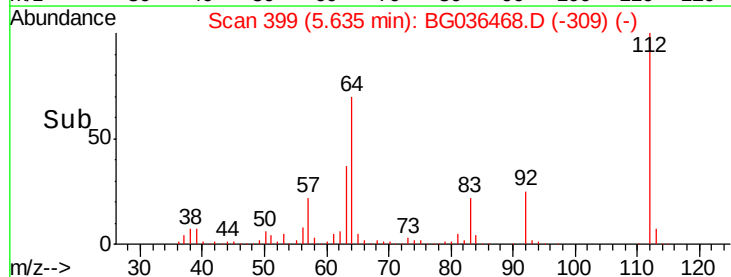
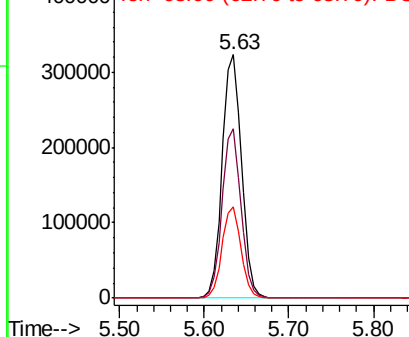
#5

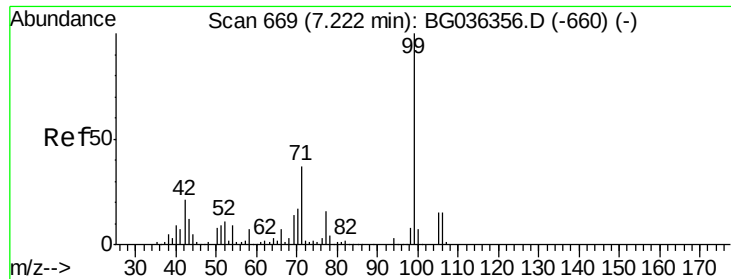
2-Fluorophenol
Concen: 141.844 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Tgt Ion:112 Resp: 514441
Ion Ratio Lower Upper
112 100
64 69.5 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: 124.237 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

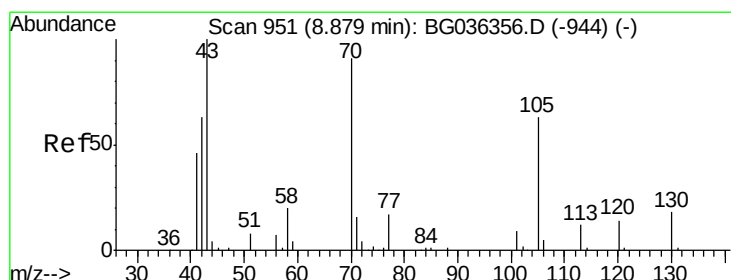
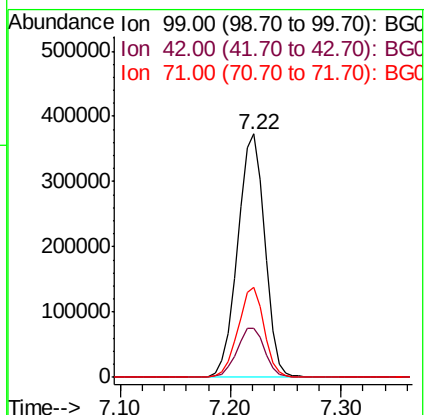
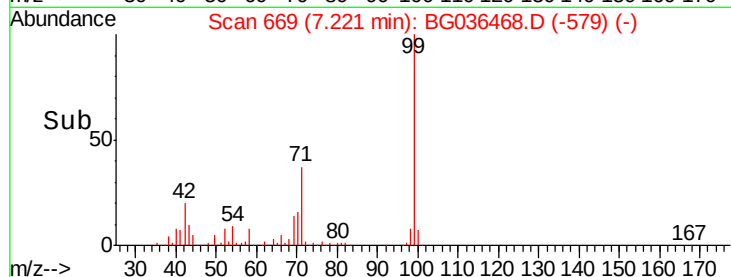
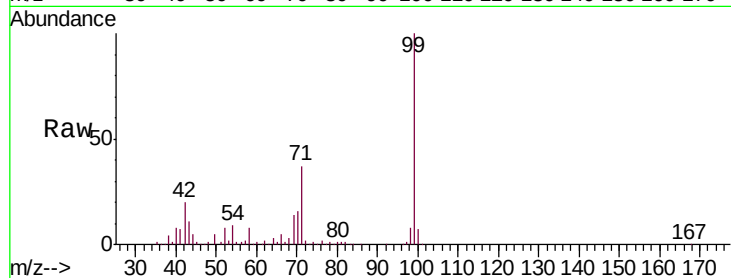
Tgt Ion: 99 Resp: 645124

Ion Ratio Lower Upper

99 100

42 20.3 16.5 24.7

71 37.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.079 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Tgt Ion: 70 Resp: 66280

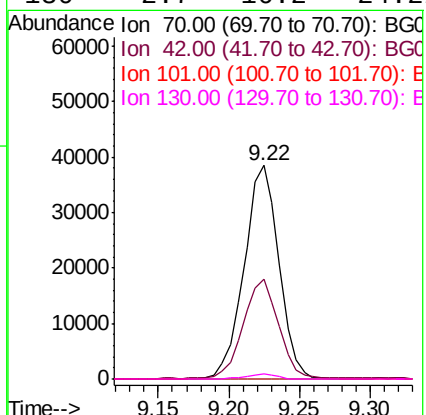
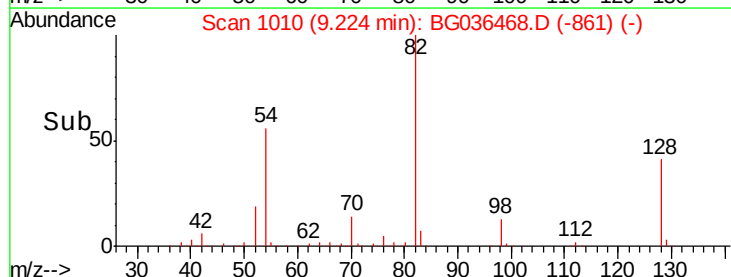
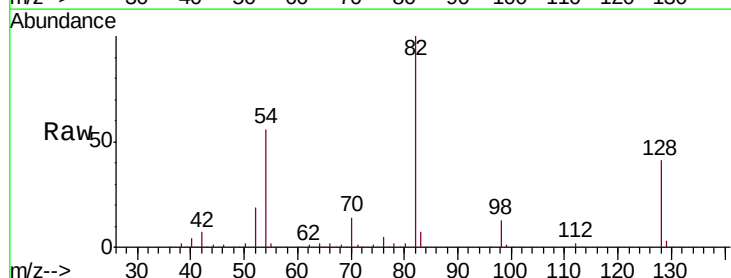
Ion Ratio Lower Upper

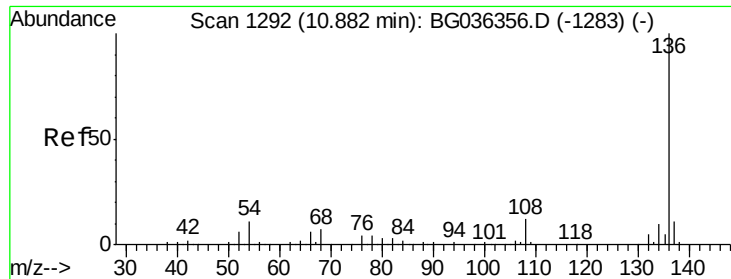
70 100

42 46.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.7 16.2 24.2#

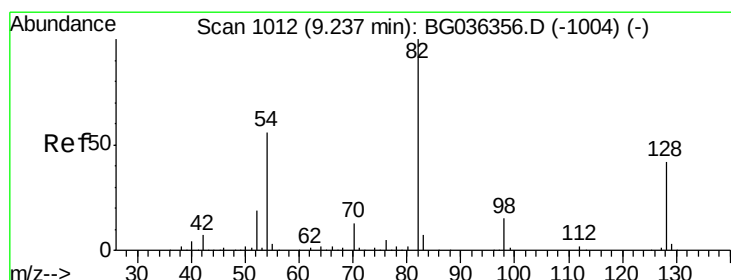
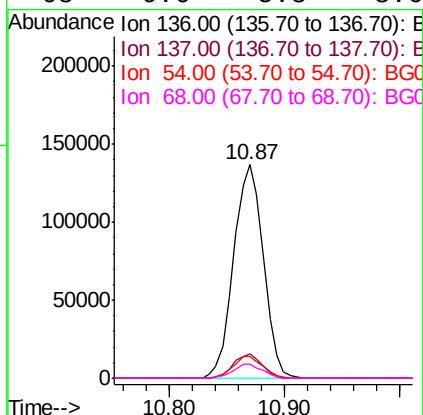
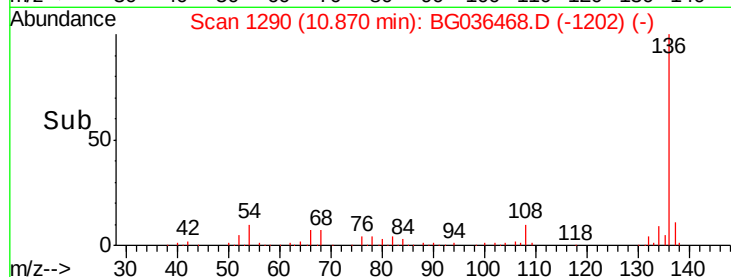
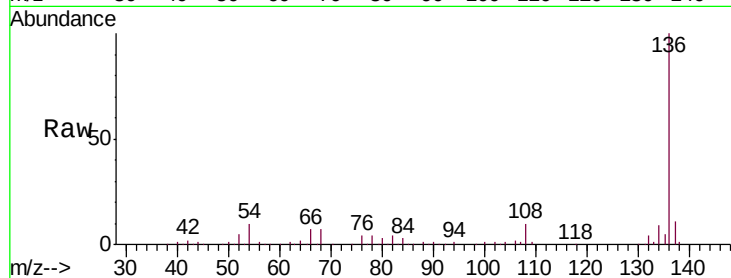




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

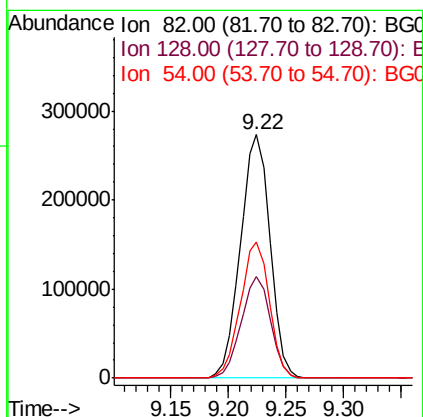
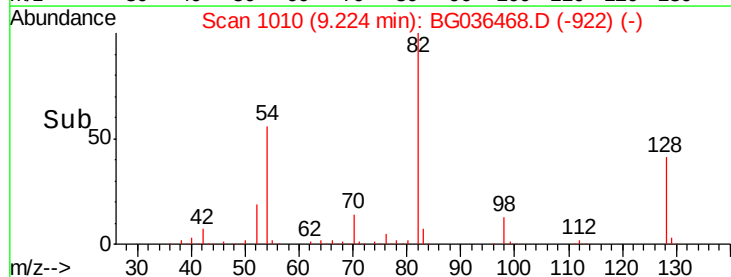
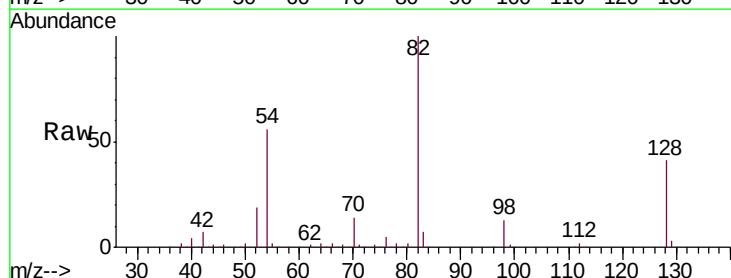
Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

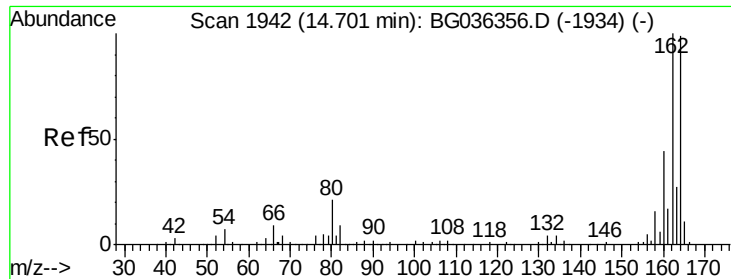
Tgt Ion:	136	Resp:	243267
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.5	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 108.347 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Tgt Ion:	82	Resp:	485786
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	56.0	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-B

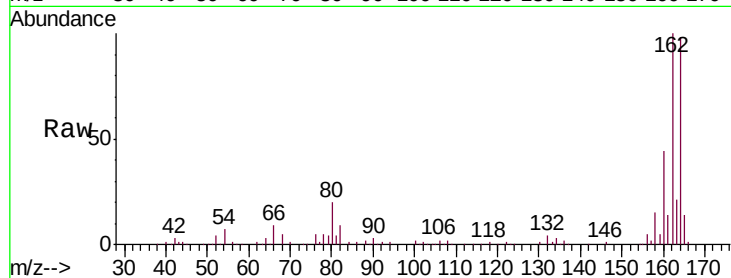
Tgt Ion:164 Resp: 157407

Ion Ratio Lower Upper

164 100

162 102.5 80.7 121.1

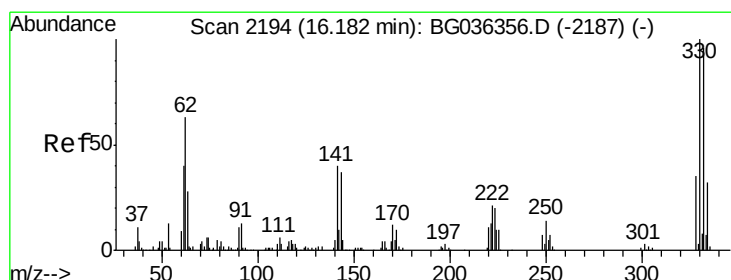
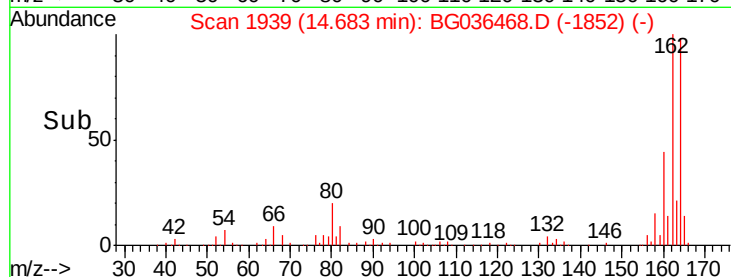
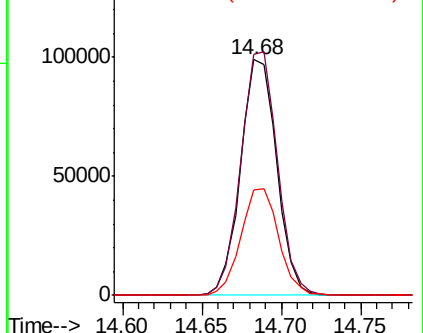
160 44.9 35.3 52.9



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: 169.701 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036468.D

Acq: 28 Aug 2018 21:35

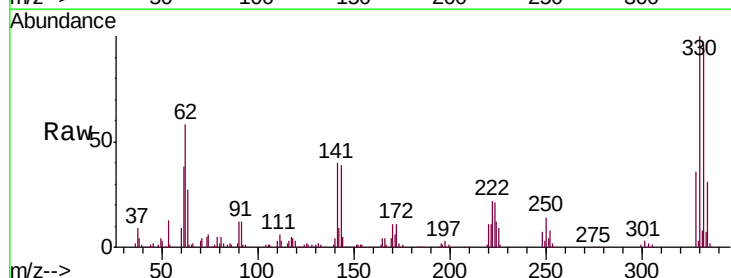
Tgt Ion:330 Resp: 318736

Ion Ratio Lower Upper

330 100

332 93.9 75.4 113.2

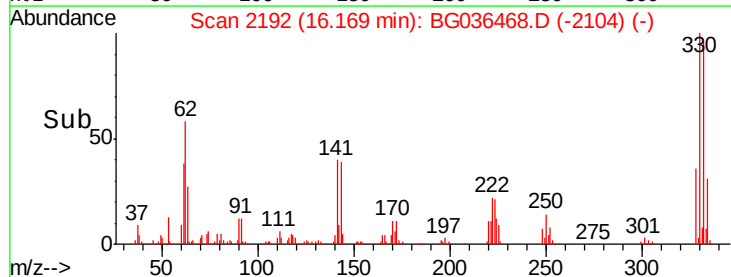
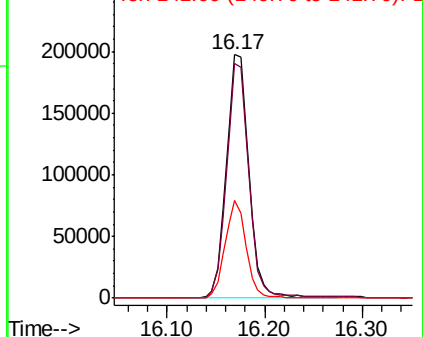
141 37.2 30.7 46.1

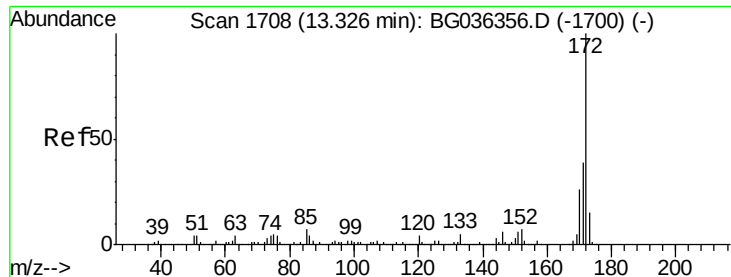


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

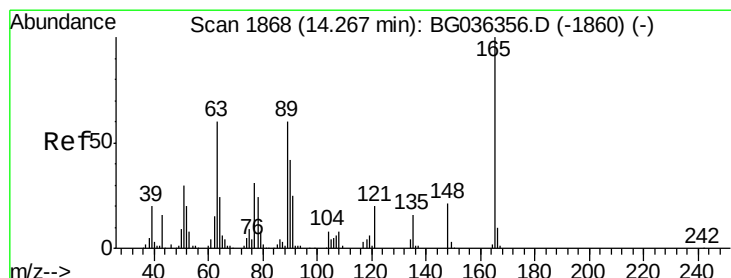
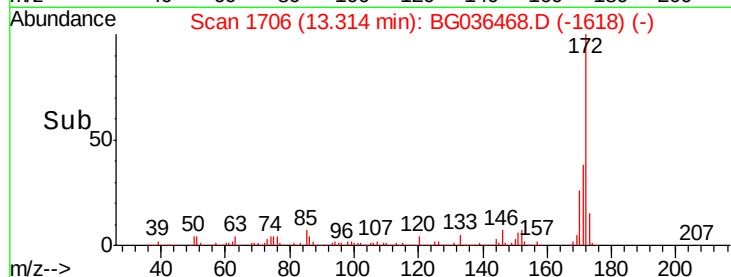
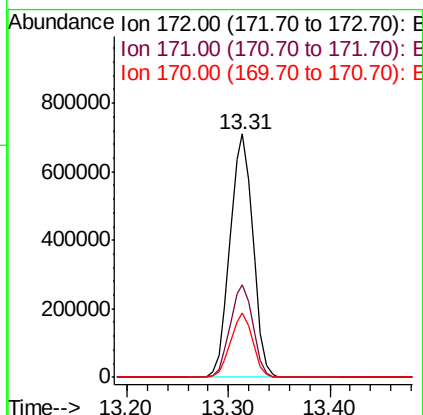
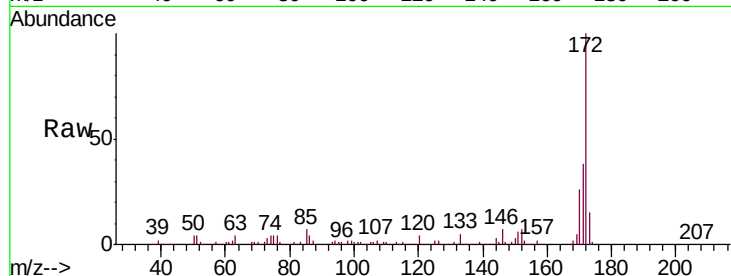




#44
 2-Fluorobiphenyl
 Concen: 100.656 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

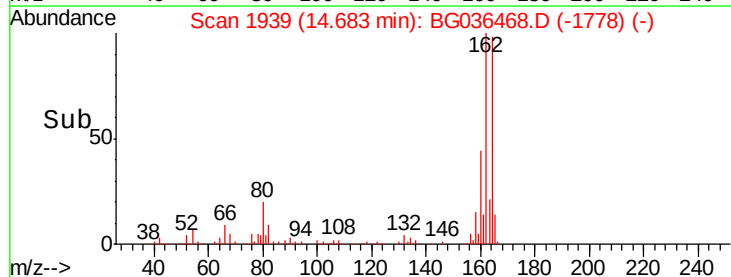
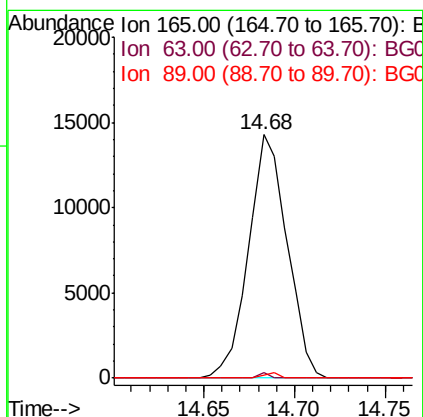
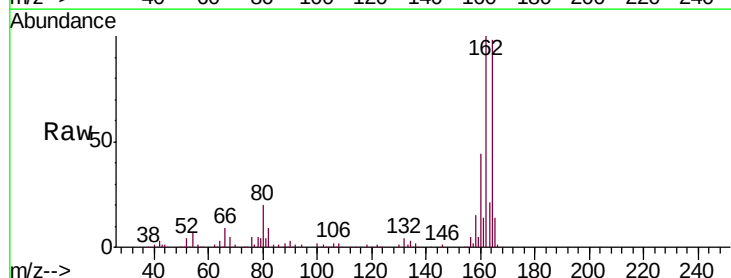
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

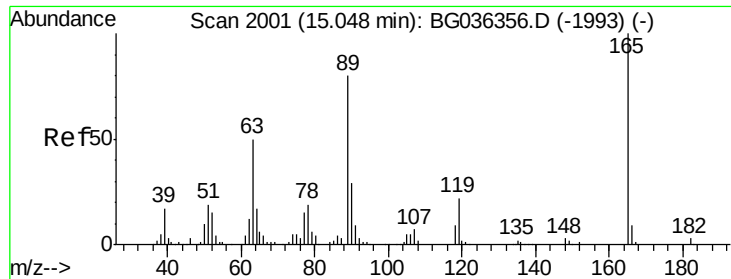
Tgt Ion:172 Resp: 1109664
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 26.4 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.986 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Tgt Ion:165 Resp: 21121
 Ion Ratio Lower Upper
 165 100
 63 2.3 50.1 75.1#
 89 1.4 47.8 71.6#

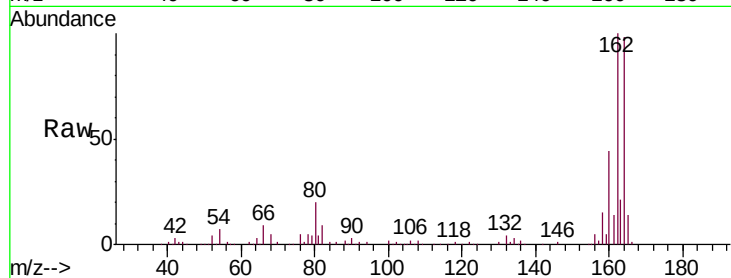




#56
 2,4-Dinitrotoluene
 Concen: 6.127 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#

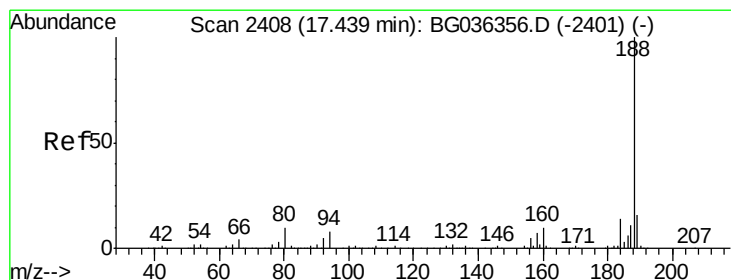
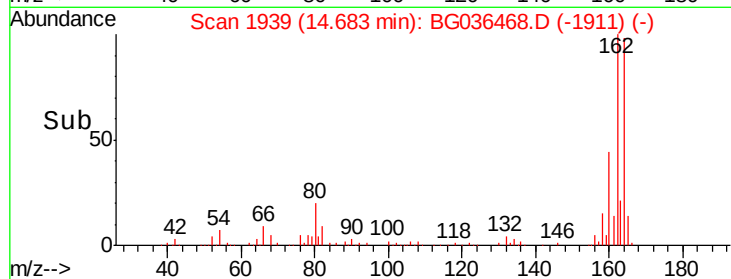
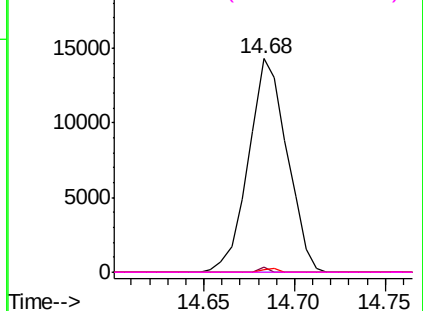


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

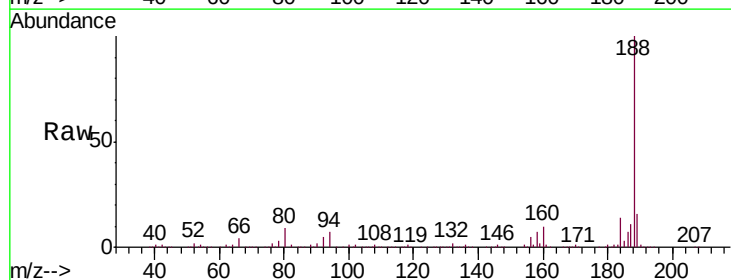
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

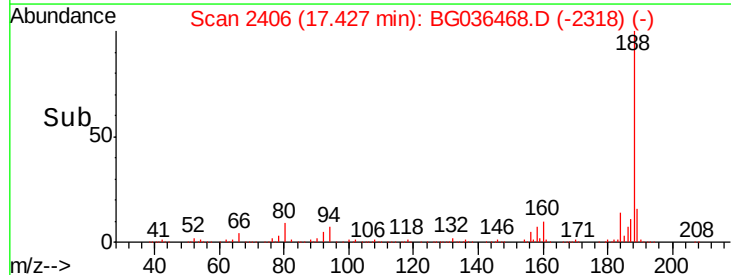
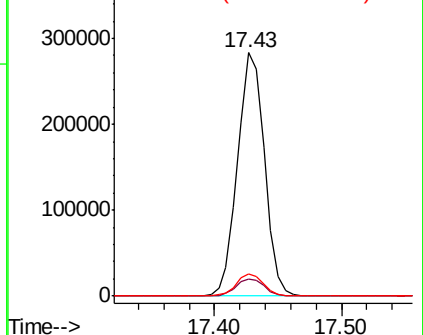
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	9.3	8.1	12.1

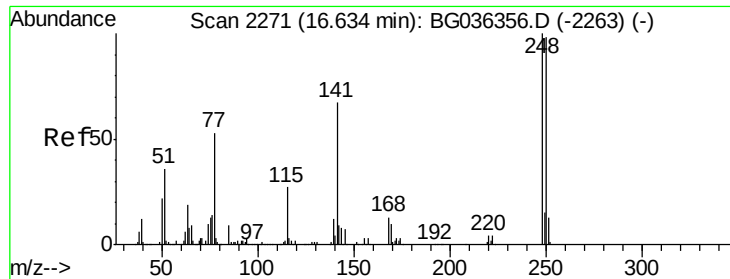


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

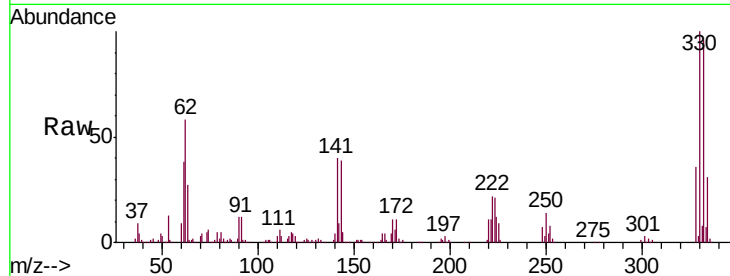




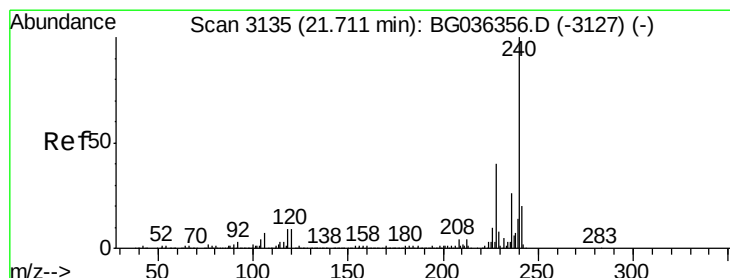
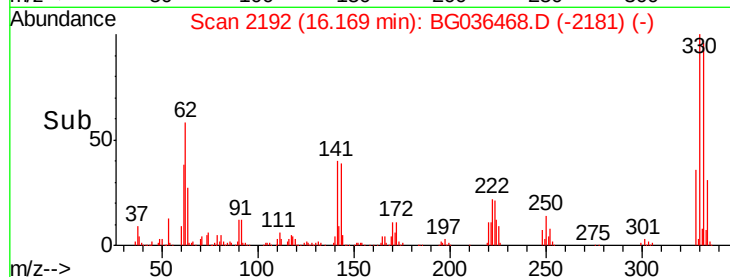
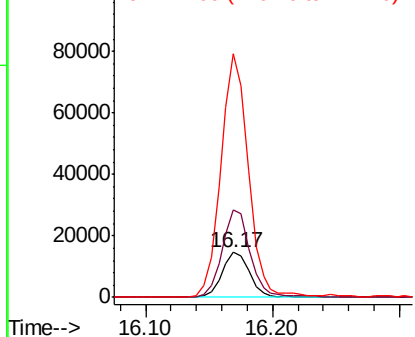
#66
 4-Bromophenyl-phenylether
 Concen: 4.552 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-B

Tgt Ion:248 Resp: 22167
 Ion Ratio Lower Upper
 248 100
 250 195.0 78.1 117.1#
 141 541.5 53.7 80.5#

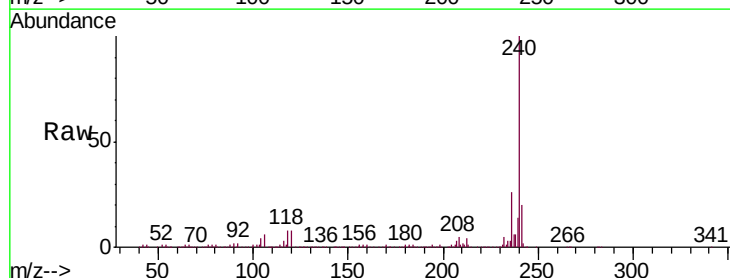


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

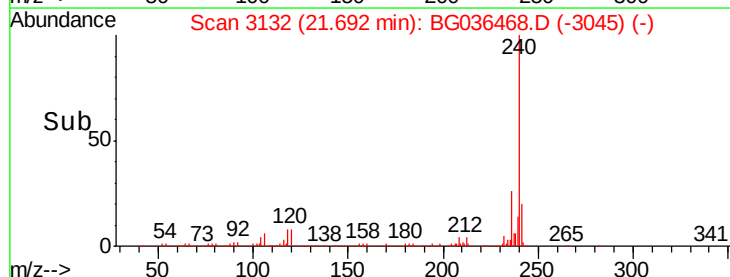
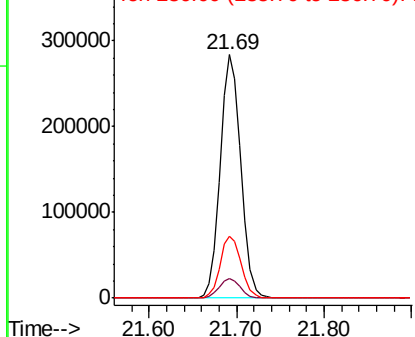


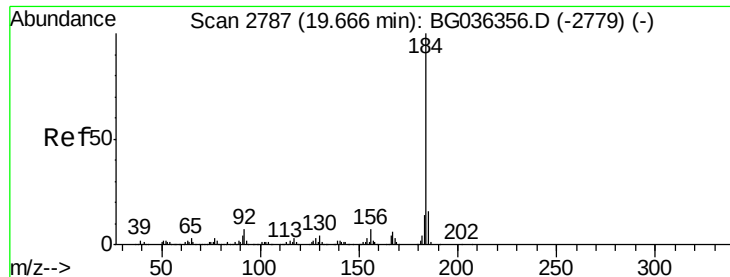
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036468.D
 Acq: 28 Aug 2018 21:35

Tgt Ion:240 Resp: 462180
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 25.5 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

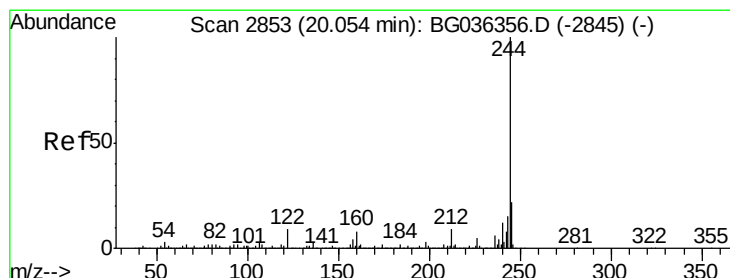
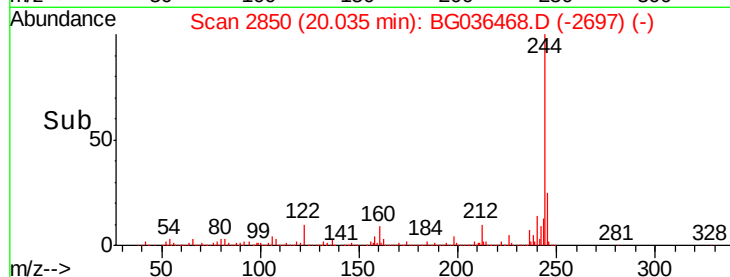
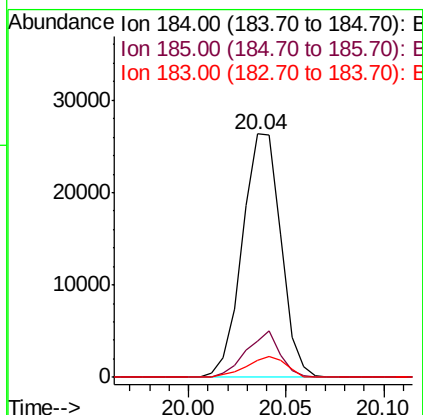
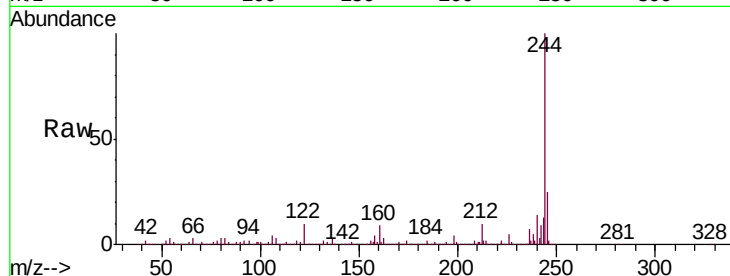




#76
Benzidine
Concen: 2.446 ng
RT: 20.04 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

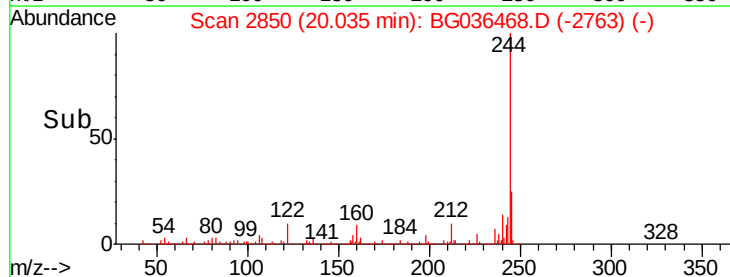
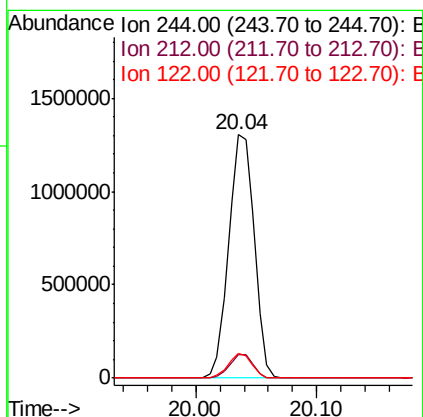
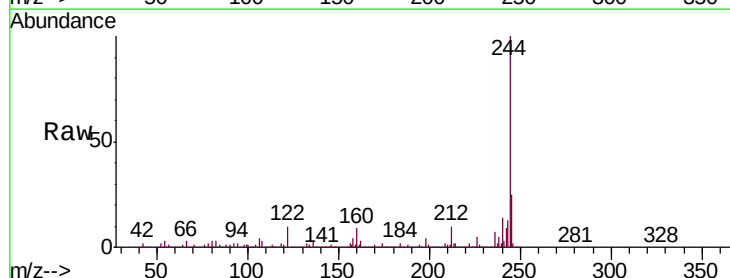
Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

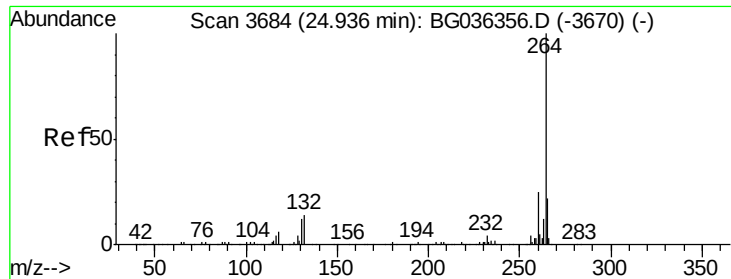
Tgt Ion:184 Resp: 36062
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 7.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 97.251 ng
RT: 20.04 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Tgt Ion:244 Resp: 1923014
Ion Ratio Lower Upper
244 100
212 9.6 7.0 10.6
122 10.2 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036468.D
Acq: 28 Aug 2018 21:35

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-B

Tgt Ion: 264 Resp: 458796
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.0 17.4 26.0

