

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
 Data File : BG036263.D
 Acq On : 10 Aug 2018 11:15
 Operator : JU/SJ
 Sample : J4398-03RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JTY-SB-01-1-62

Quant Time: Aug 10 13:44:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

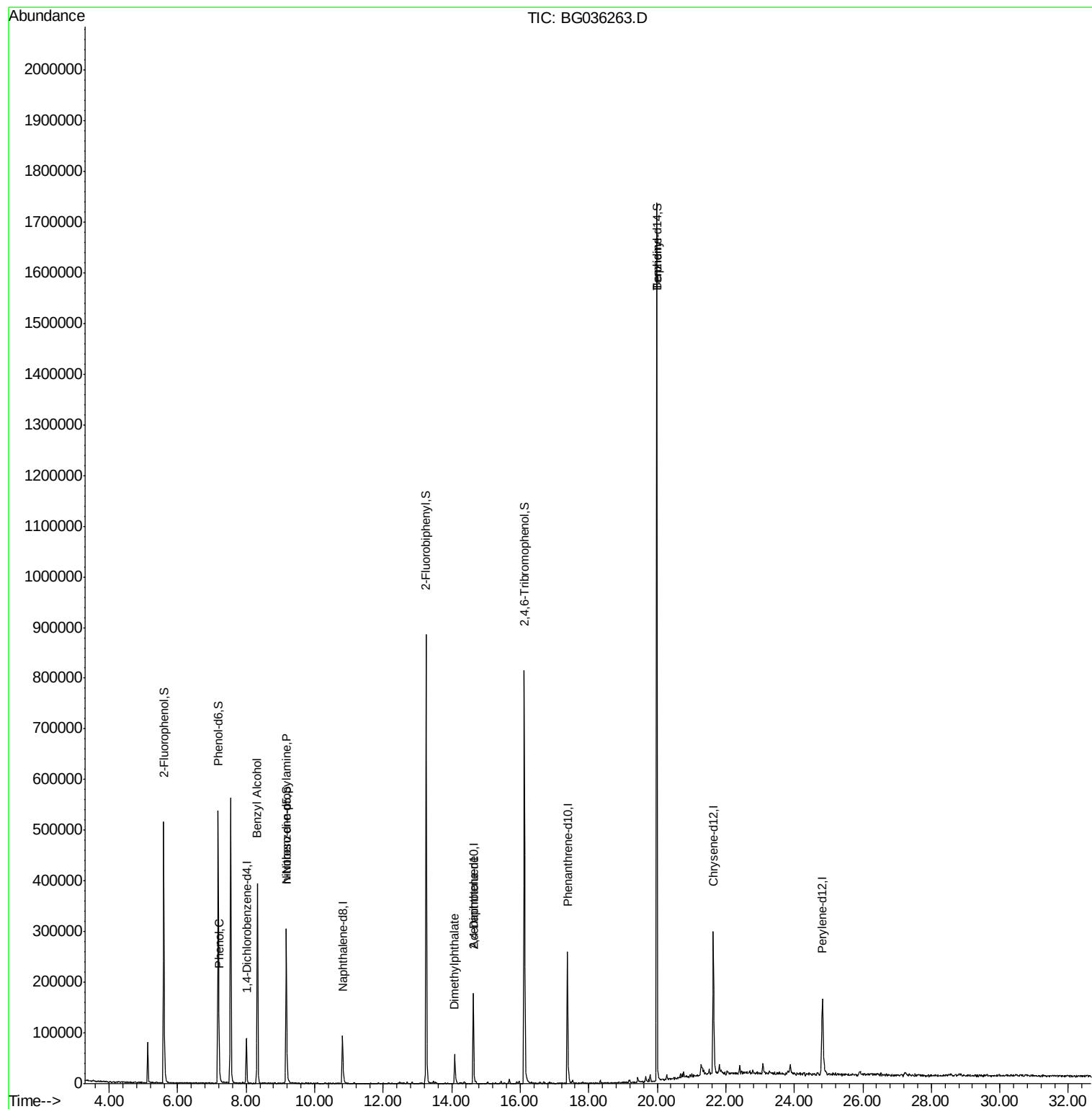
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26609	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93350	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67384	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	183723	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	195223	20.00	ng	-0.02
86) Perylene-d12	24.83	264	187137	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	232449	145.03	ng	-0.01
7) Phenol-d6	7.19	99	335517	140.31	ng	-0.01
23) Nitrobenzene-d5	9.17	82	219015	98.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	162778	183.27	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	492168	97.85	ng	-0.02
78) Terphenyl-d14	19.99	244	859968	97.10	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	5303	2.195	ng	# 49
15) Benzyl Alcohol	8.32	79	4467	2.057	ng	# 62
19) n-Nitroso-di-n-propylamine	9.17	70	31913	15.848	ng	# 76
49) Dimethylphthalate	14.09	163	52740	8.933	ng	100
56) 2,4-Dinitrotoluene	14.63	165	8399	4.870	ng	# 16
76) Benzidine	19.99	184	14903	2.904	ng	# 95

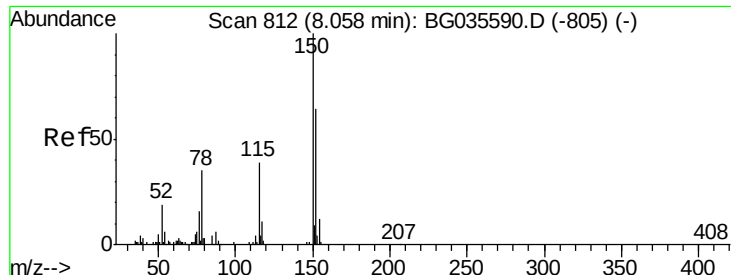
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
Data File : BG036263.D
Acq On : 10 Aug 2018 11:15
Operator : JU/SJ
Sample : J4398-03RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JTY-SB-01-1-62

Quant Time: Aug 10 13:44:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

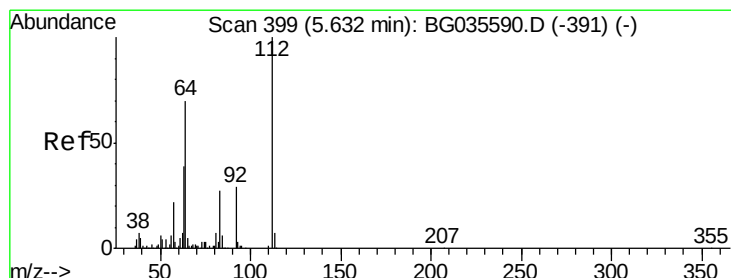
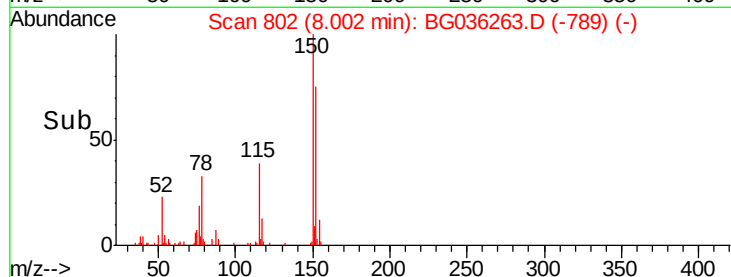
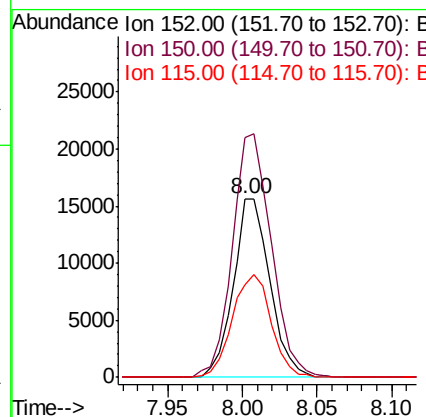
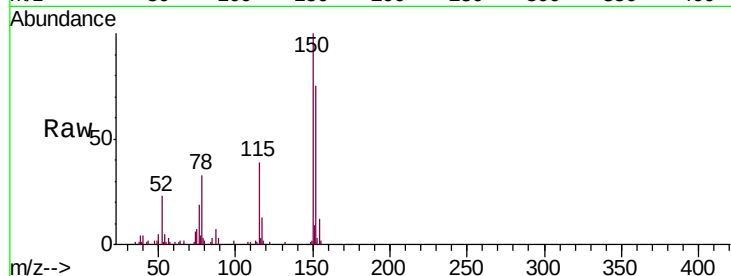




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BG036263.D
 Acq: 10 Aug 2018 11:15

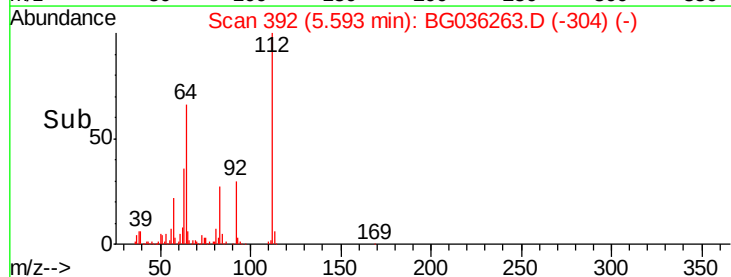
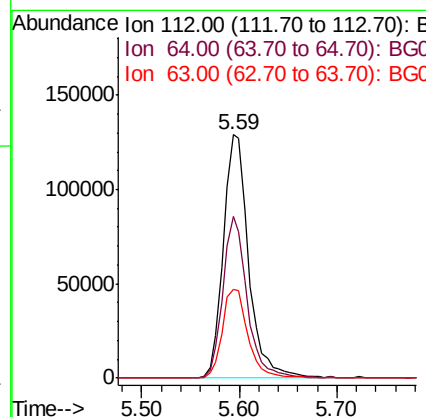
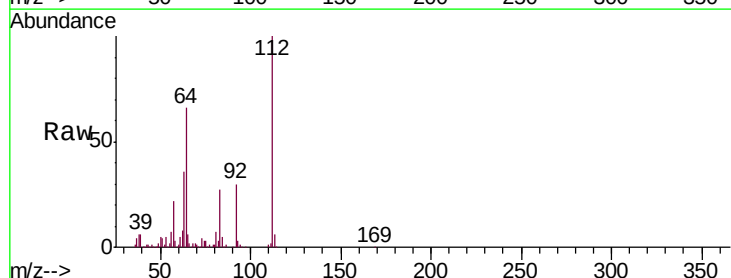
Instrument :
 BNA_G
 ClientSampleId :
 JTY-SB-01-1-62

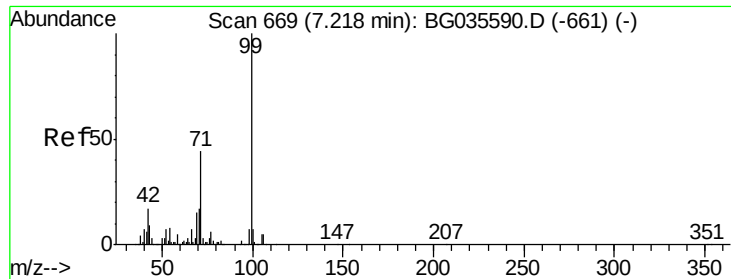
Tgt Ion:152 Resp: 26609
 Ion Ratio Lower Upper
 152 100
 150 134.0 126.6 189.8
 115 51.7 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 145.034 ng
 RT: 5.59 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG036263.D
 Acq: 10 Aug 2018 11:15

Tgt Ion:112 Resp: 232449
 Ion Ratio Lower Upper
 112 100
 64 66.3 56.3 84.5
 63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 140.310 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

Instrument :

BNA_G

ClientSampleId :

JTY-SB-01-1-62

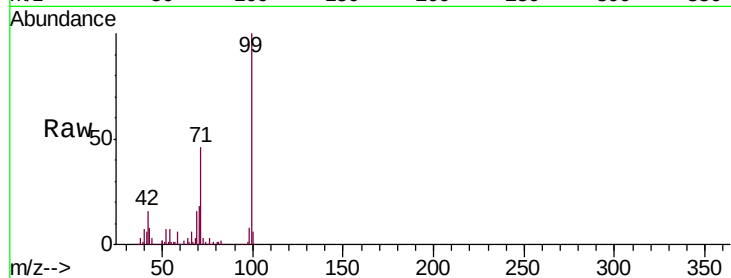
Tgt Ion: 99 Resp: 33517

Ion Ratio Lower Upper

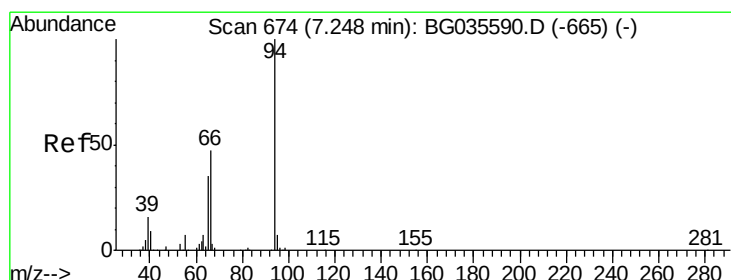
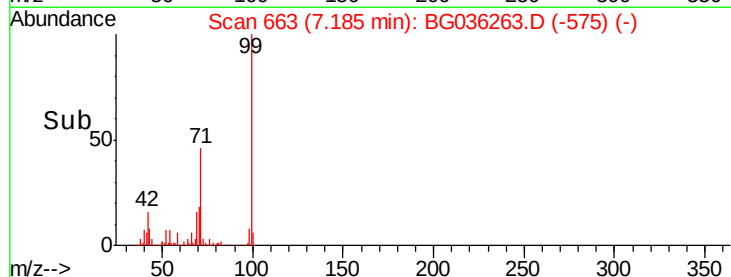
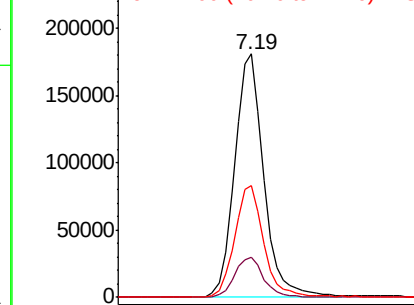
99 100

42 16.4 14.1 21.1

71 46.0 26.1 39.1#



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



#10

Phenol

Concen: 2.195 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

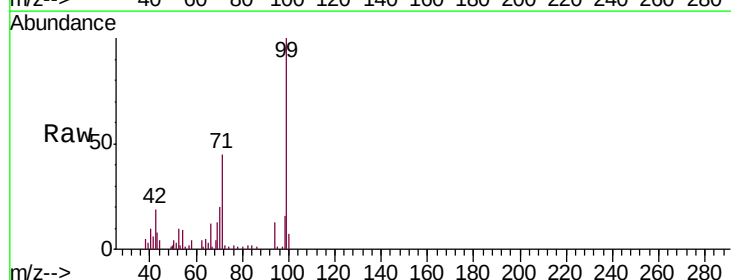
Tgt Ion: 94 Resp: 5303

Ion Ratio Lower Upper

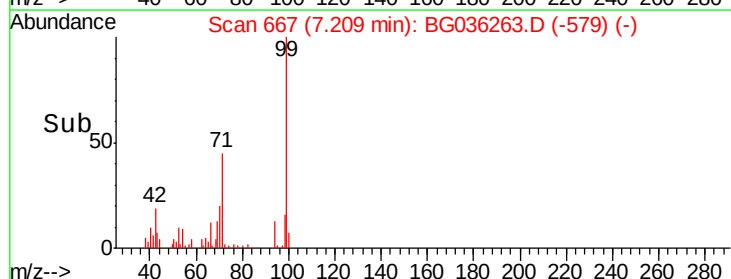
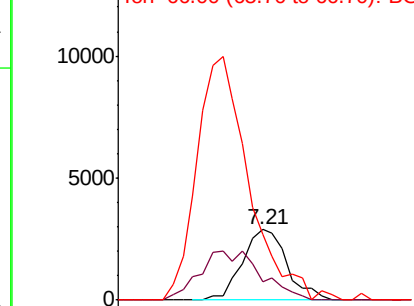
94 100

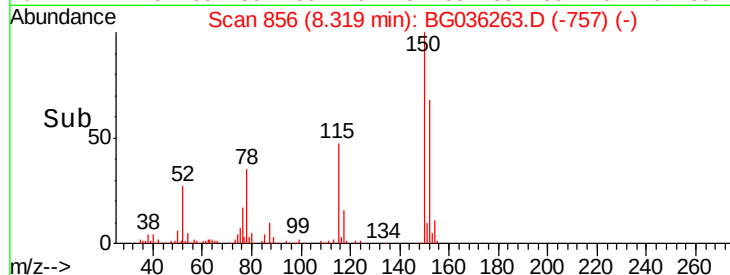
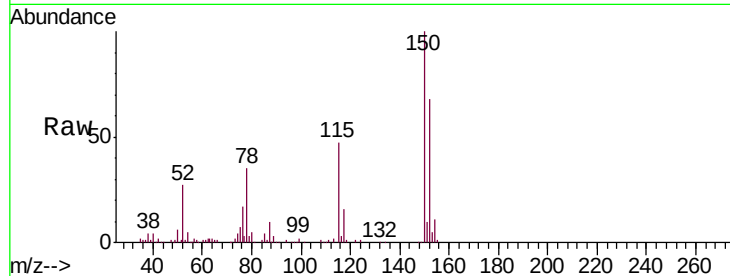
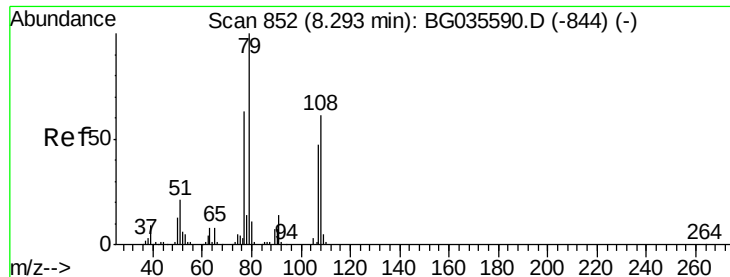
65 26.4 11.9 51.9

66 93.8 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

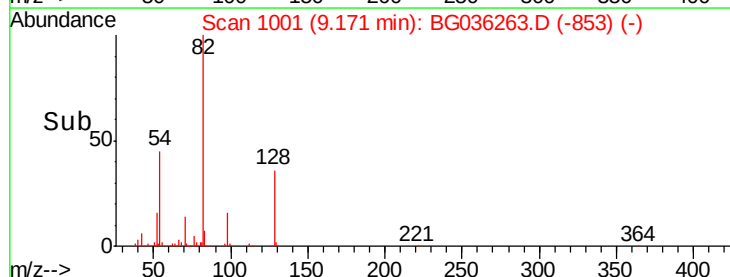
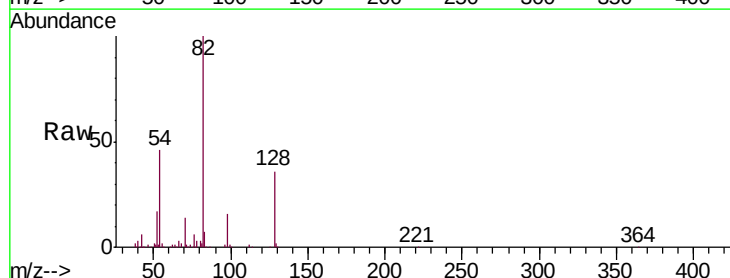
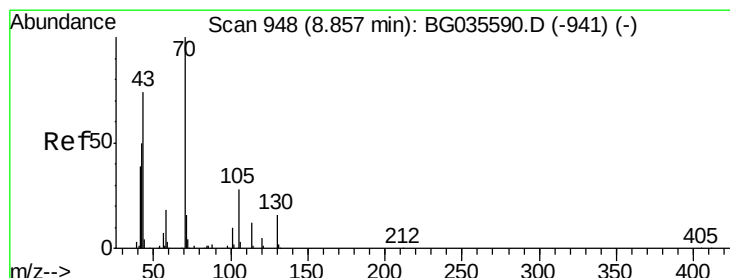
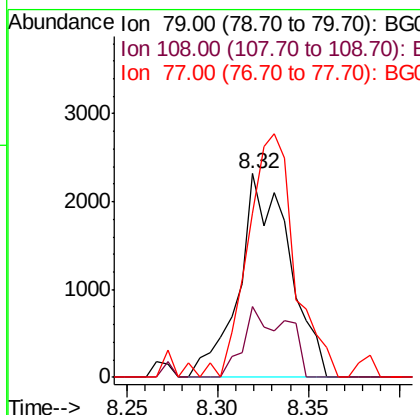




#15
Benzyl Alcohol
Concen: 2.057 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.05 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

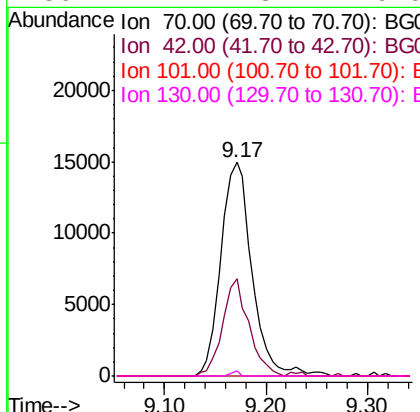
Instrument :
BNA_G
ClientSampleId :
JTY-SB-01-1-62

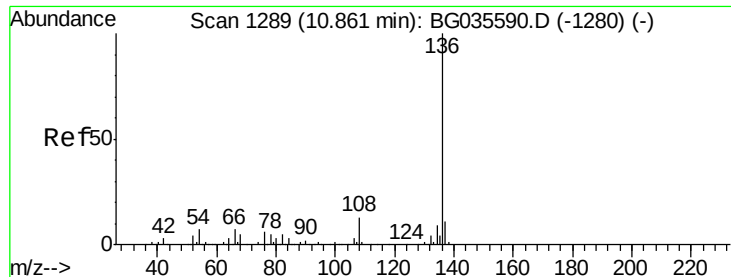
Tgt Ion: 79 Resp: 4467
Ion Ratio Lower Upper
79 100
108 34.8 57.2 85.8#
77 80.5 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 15.848 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

Tgt Ion: 70 Resp: 31913
Ion Ratio Lower Upper
70 100
42 45.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#

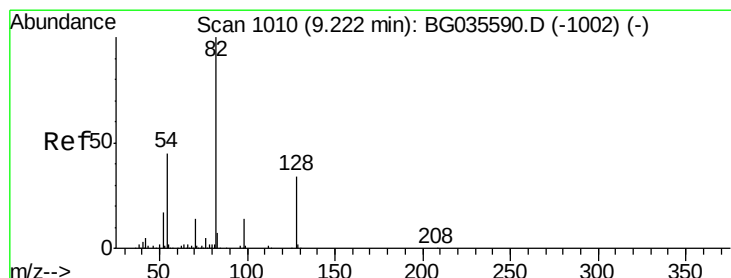
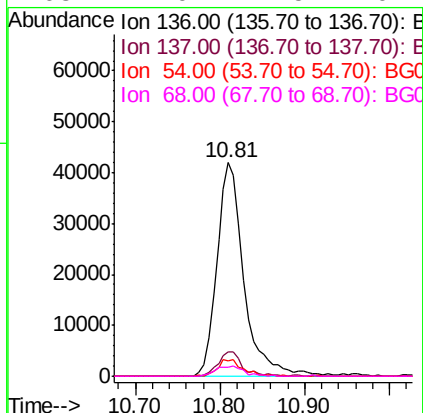
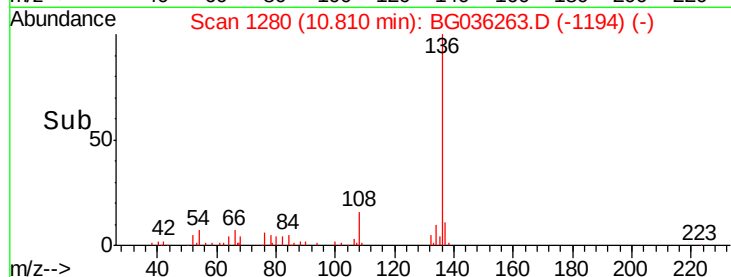
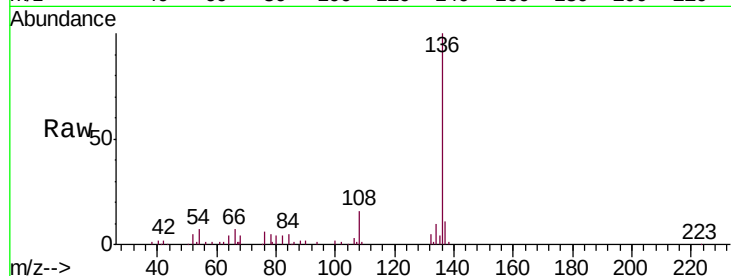




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

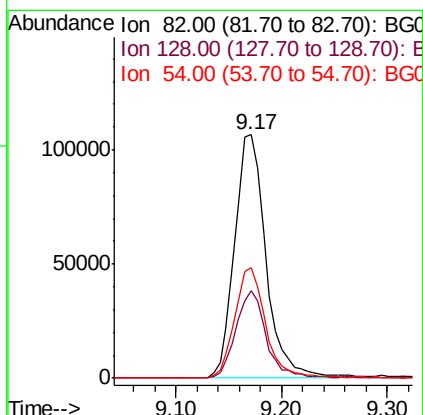
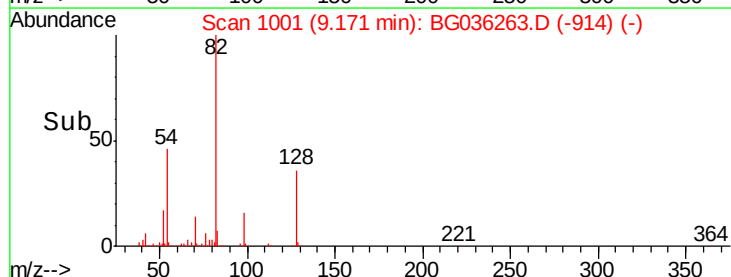
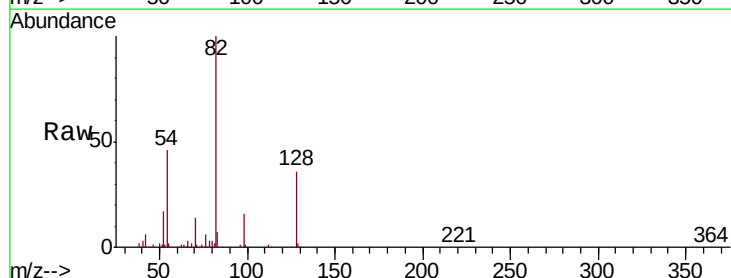
Instrument :
BNA_G
ClientSampleId :
JTY-SB-01-1-62

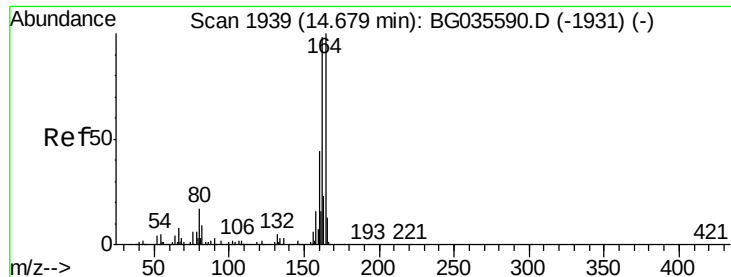
Tgt Ion:	136	Resp:	93350
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.4	10.3	15.5#
68	4.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 98.011 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

Tgt Ion:	82	Resp:	219015
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	45.5	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

Instrument :

BNA_G

ClientSampleId :

JTY-SB-01-1-62

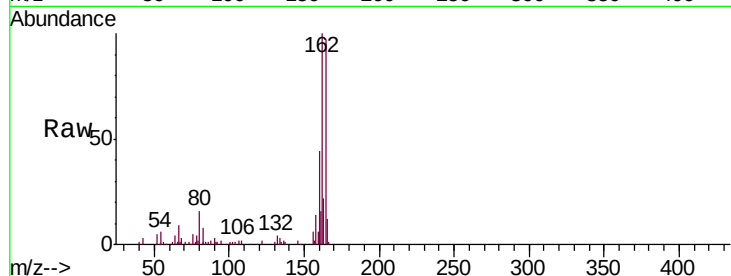
Tgt Ion:164 Resp: 67384

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

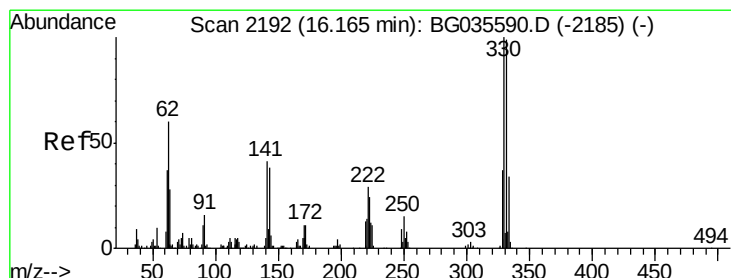
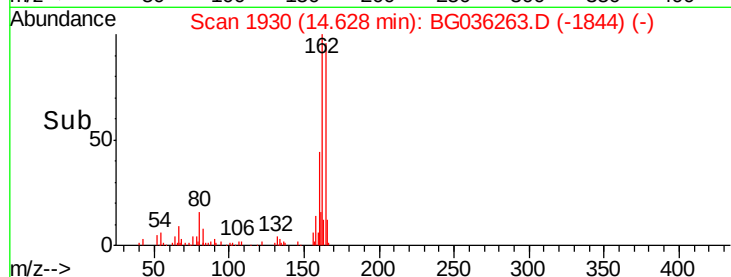
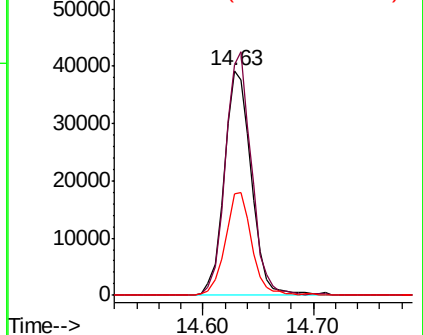
160 45.0 35.4 53.0



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: 183.275 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.02 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

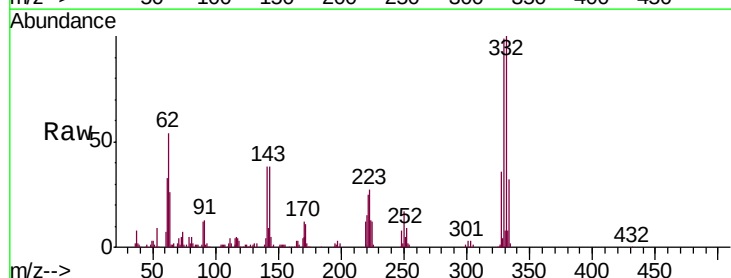
Tgt Ion:330 Resp: 162778

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

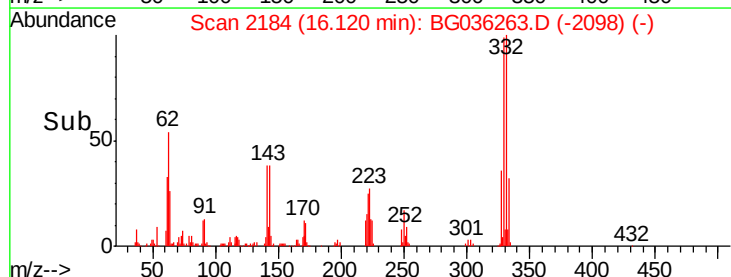
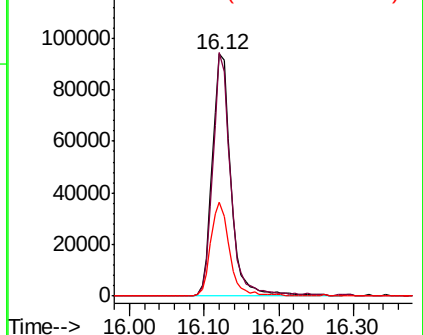
141 38.9 25.2 37.8#

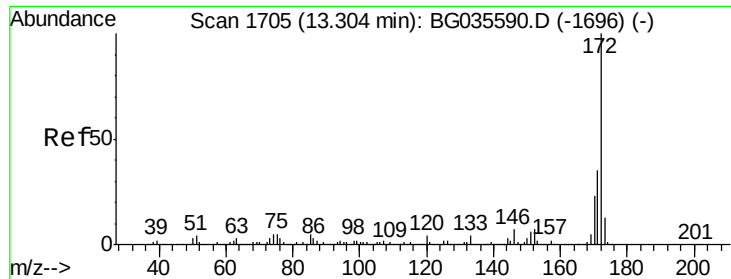


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

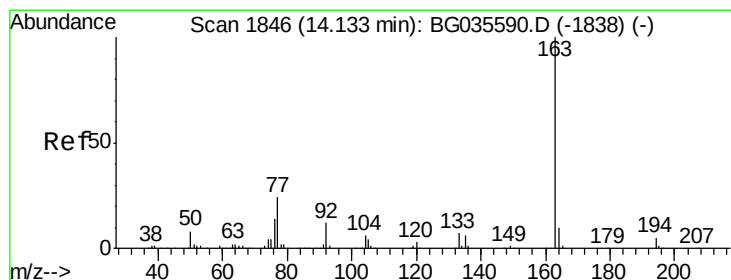
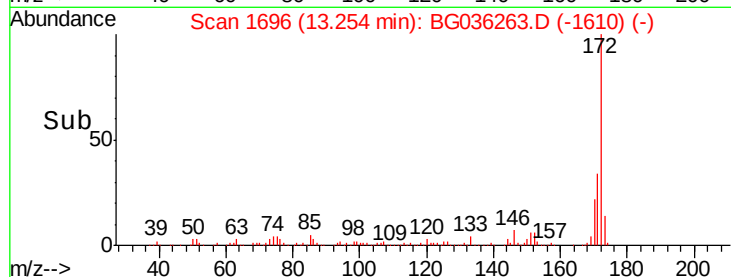
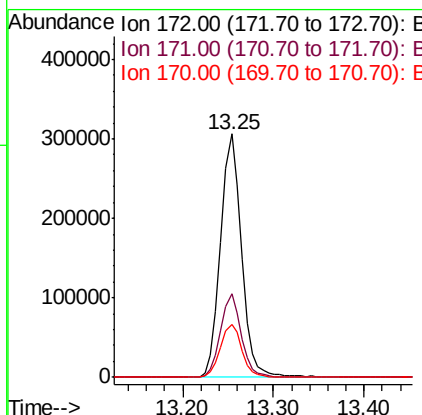
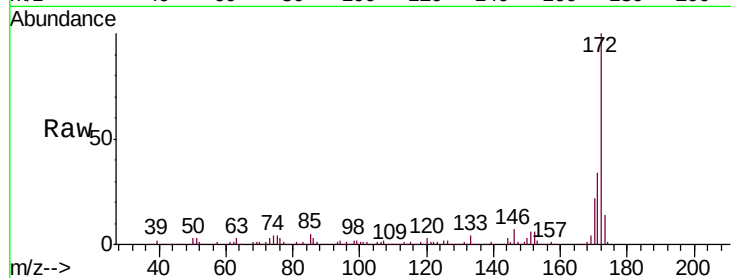




#44
2-Fluorobiphenyl
Concen: 97.854 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

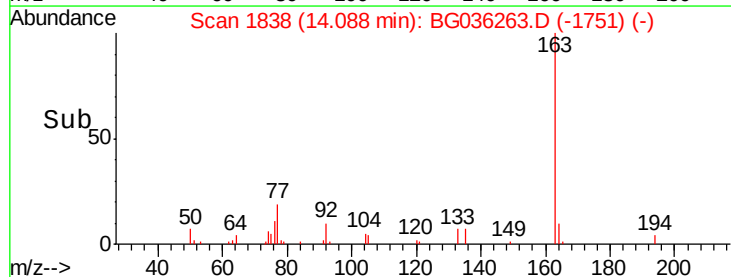
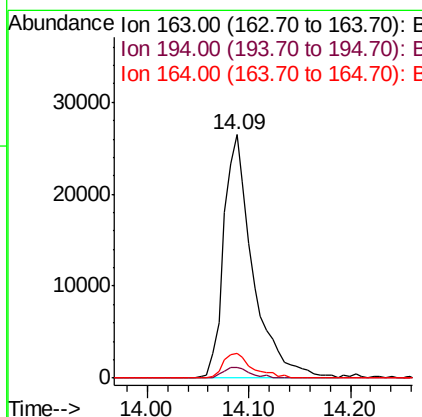
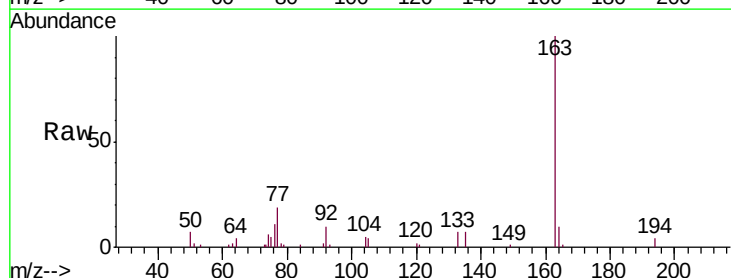
Instrument :
BNA_G
ClientSampleId :
JTY-SB-01-1-62

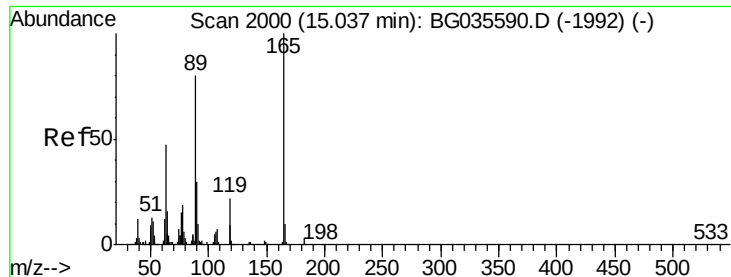
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	21.5	19.5	29.3



#49
Dimethylphthalate
Concen: 8.933 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.2	12.4

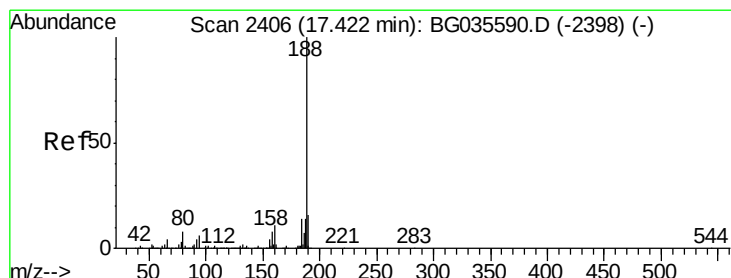
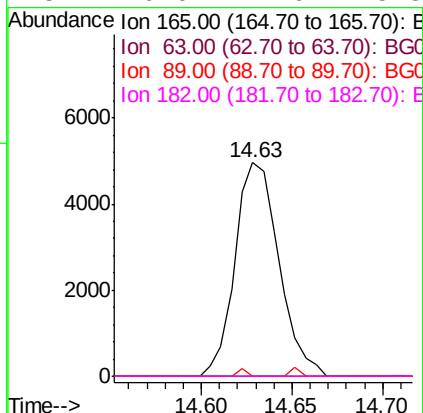
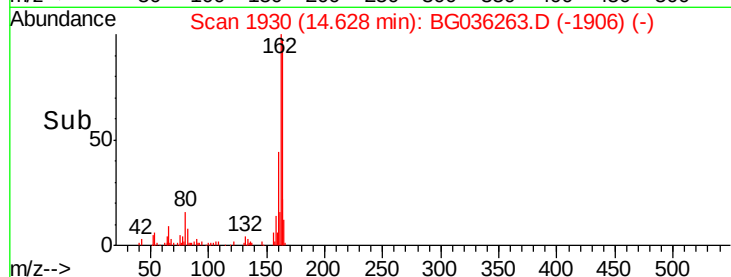
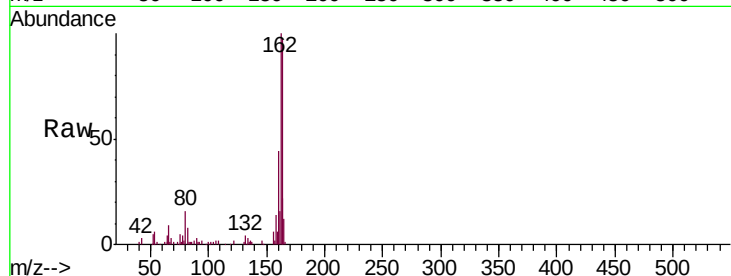




#56
2,4-Dinitrotoluene
Concen: 4.870 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.39 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

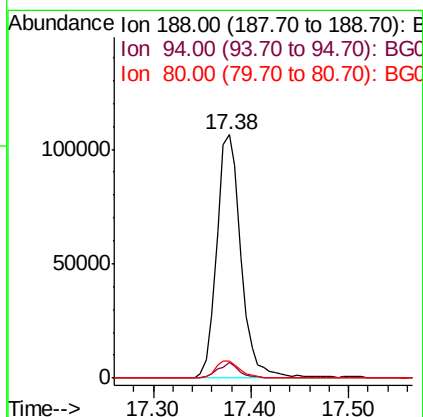
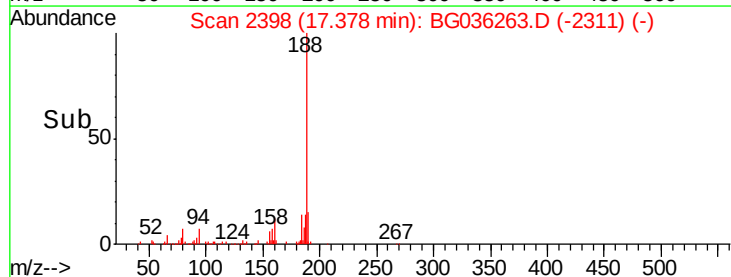
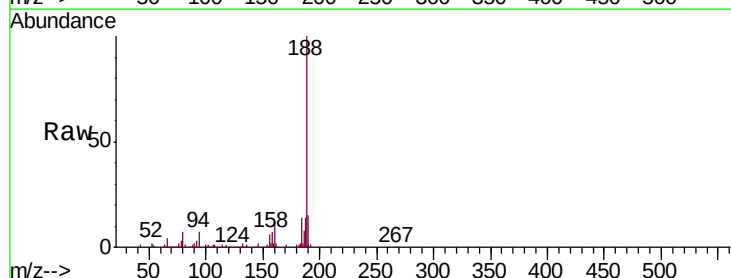
Instrument :
BNA_G
ClientSampleId :
JTY-SB-01-1-62

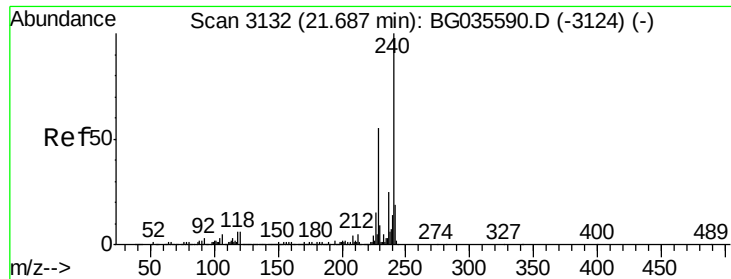
Tgt Ion:165 Resp: 8399
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036263.D
Acq: 10 Aug 2018 11:15

Tgt Ion:188 Resp: 183723
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.1 7.7 11.5#

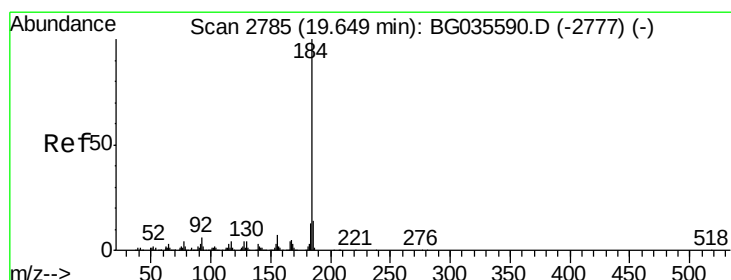
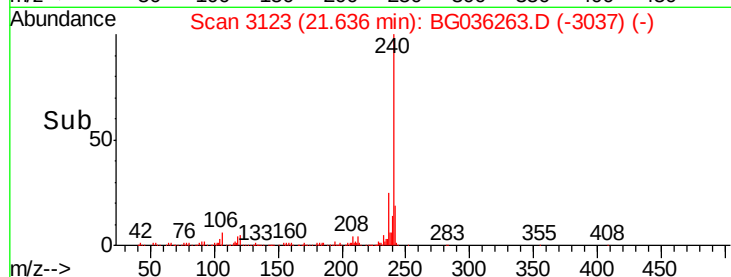
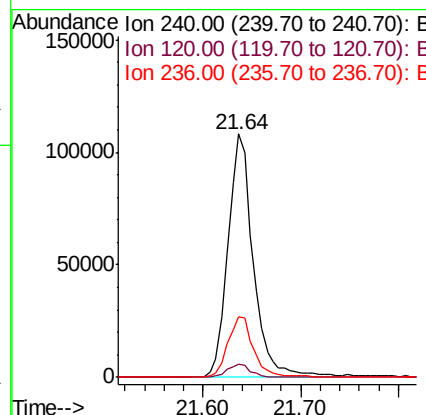
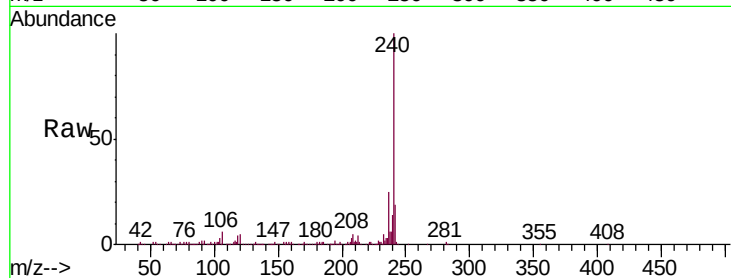




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BG036263.D
 Acq: 10 Aug 2018 11:15

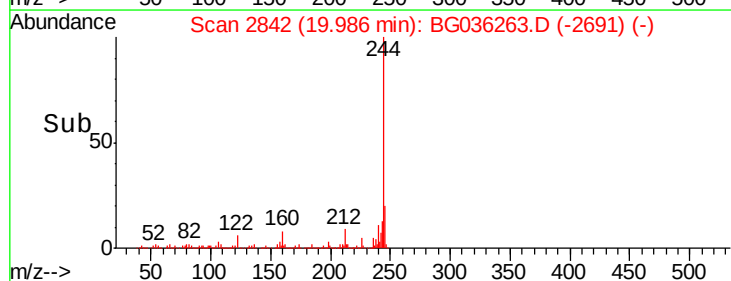
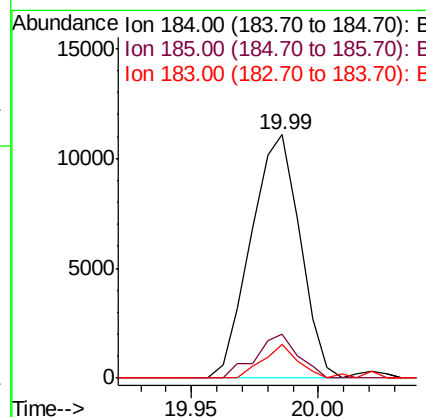
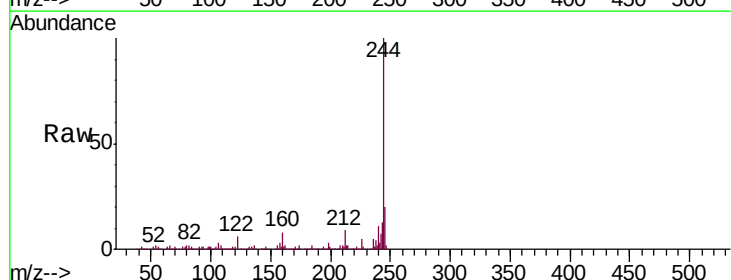
Instrument :
 BNA_G
 ClientSampleId :
 JTY-SB-01-1-62

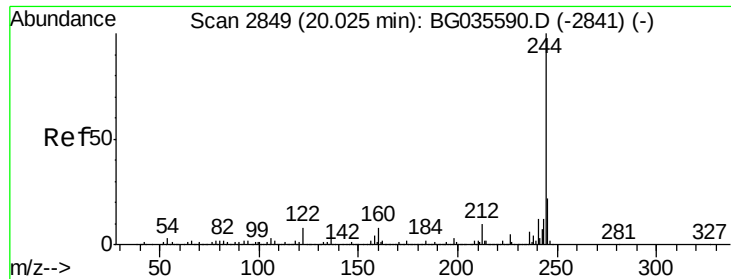
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.7	20.9	31.3



#76
 Benzidine
 Concen: 2.904 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. 0.36 min
 Lab File: BG036263.D
 Acq: 10 Aug 2018 11:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.1	16.7#
183	13.6	10.6	16.0





#78

Terphenyl-d14

Concen: 97.101 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

Instrument :

BNA_G

ClientSampleId :

JTY-SB-01-1-62

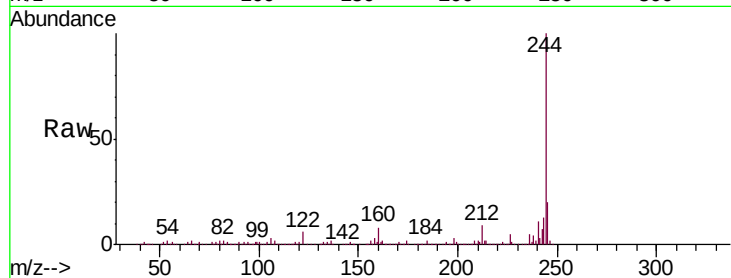
Tgt Ion:244 Resp: 859968

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

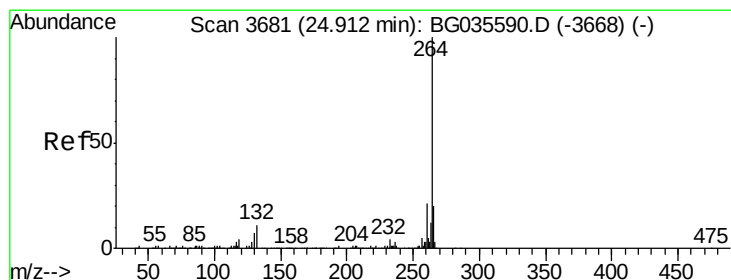
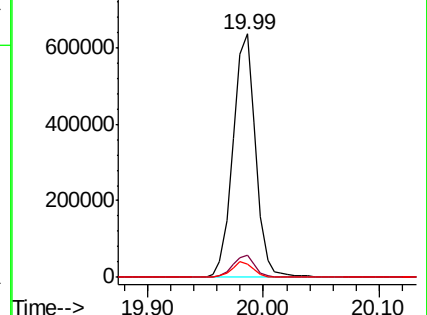
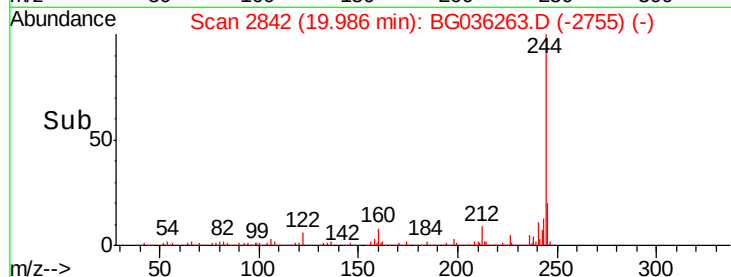
122 5.7 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036263.D

Acq: 10 Aug 2018 11:15

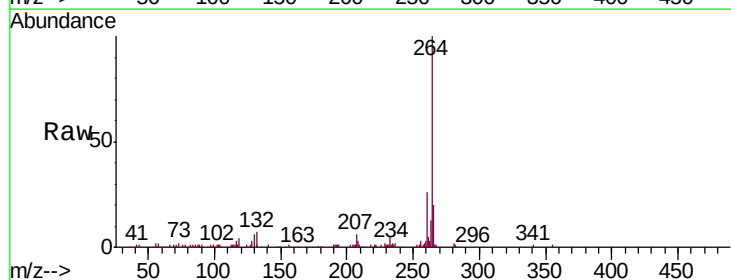
Tgt Ion:264 Resp: 187137

Ion Ratio Lower Upper

264 100

260 25.8 17.4 26.0

265 20.1 17.7 26.5



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

