

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036144.D
 Acq On : 7 Aug 2018 1:59
 Operator : JU/SJ
 Sample : PB111775BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

Quant Time: Aug 07 05:13:17 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

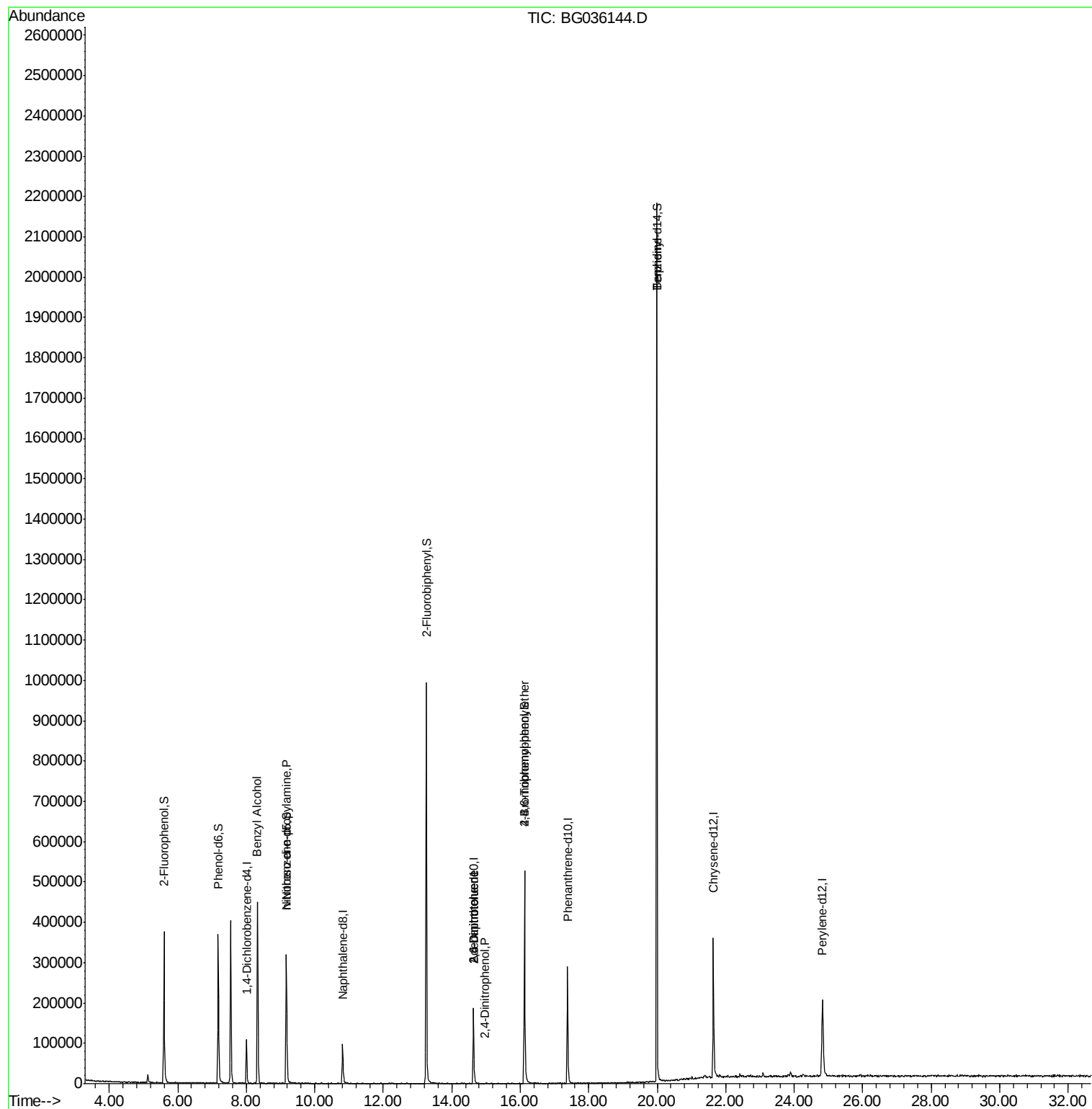
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30910	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	102990	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	74214	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	223875	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	255661	20.00	ng	-0.02
86) Perylene-d12	24.83	264	237279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	175491	94.26	ng	0.00
7) Phenol-d6	7.18	99	240915	86.73	ng	-0.01
23) Nitrobenzene-d5	9.17	82	240426	97.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	116286	118.88	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	565050	102.01	ng	-0.02
78) Terphenyl-d14	19.99	244	1077273	92.88	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.33	79	5102	2.023	ng	# 60
19) n-Nitroso-di-n-propylamine	9.17	70	33574	14.353	ng	# 68
50) 2,6-Dinitrotoluene	14.64	165	10021	7.568	ng	# 18
53) 2,4-Dinitrophenol	14.97	184	55	6.656	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	10021	5.275	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	9540	3.673	ng	# 1
76) Benzydine	19.98	184	18150	2.700	ng	# 85

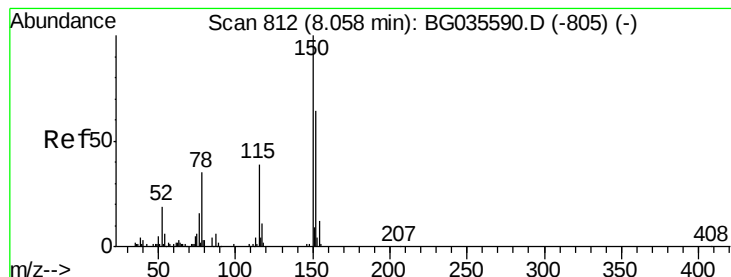
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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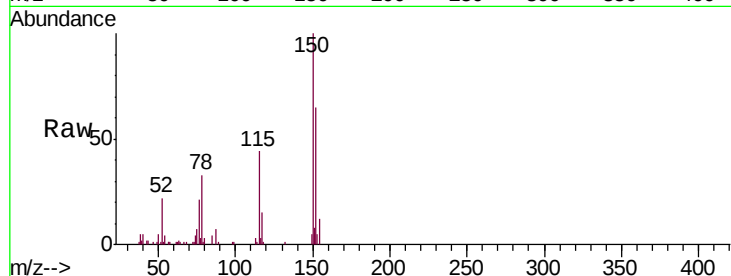


#1

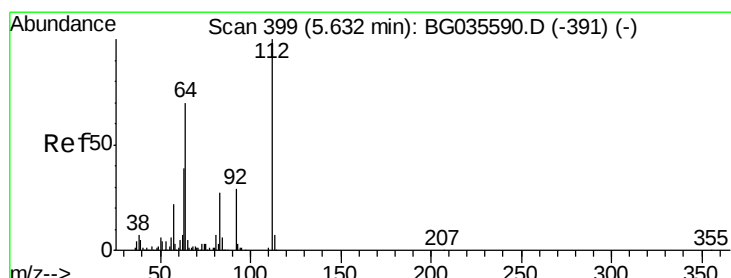
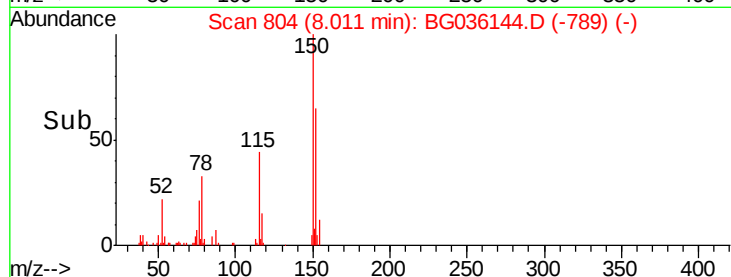
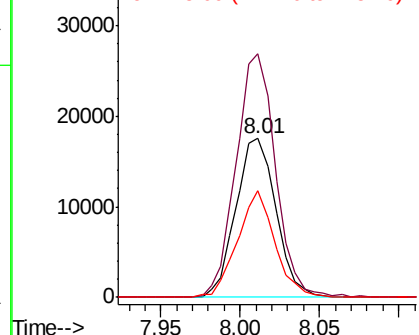
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Instrument :
BNA_G
ClientSampleId :
PB111775BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	66.9	53.0	79.4



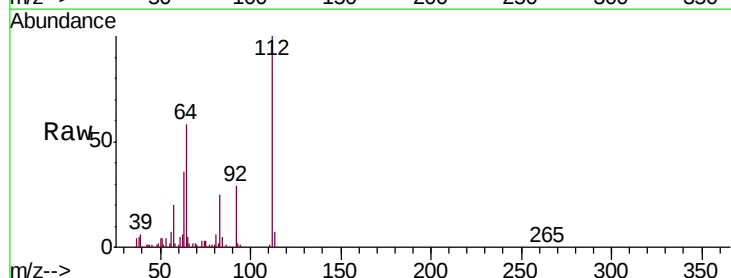
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



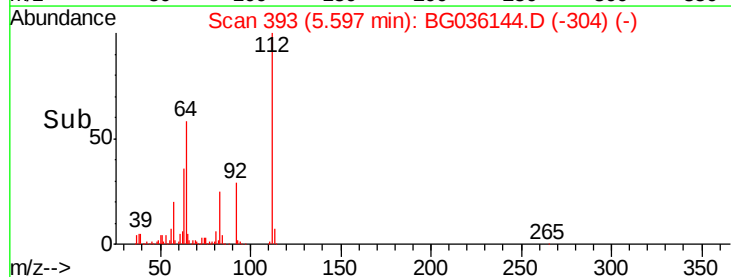
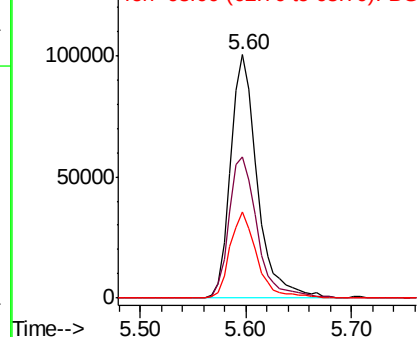
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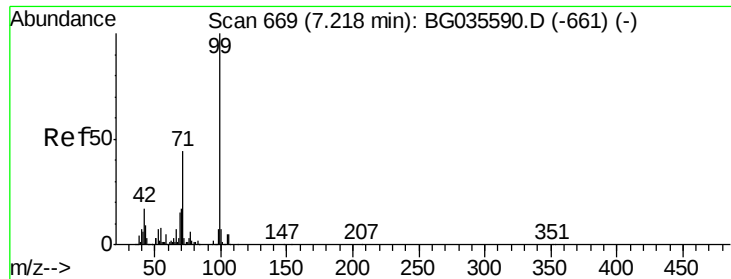
2-Fluorophenol
Concen: 94.260 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	56.3	84.5
63	35.6	30.1	45.1



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: 86.730 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

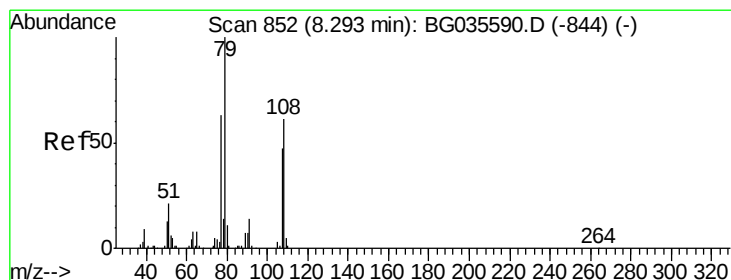
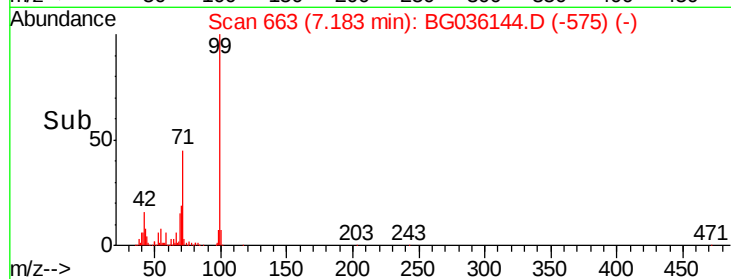
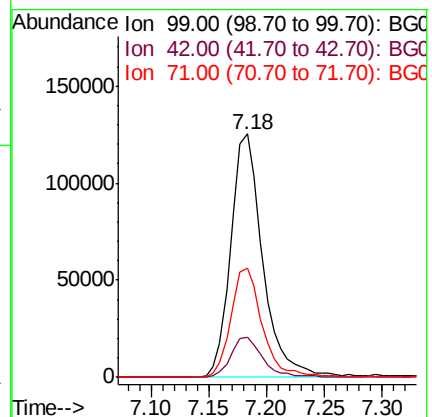
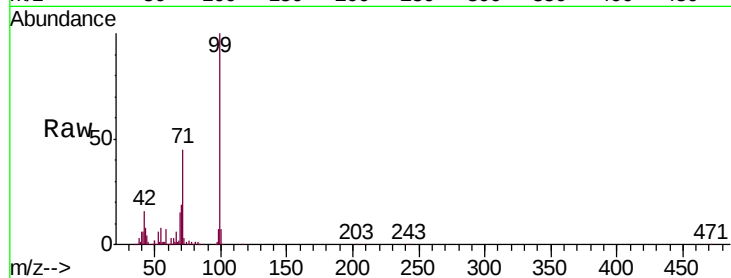
Tgt Ion: 99 Resp: 240915

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 45.0 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.06 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

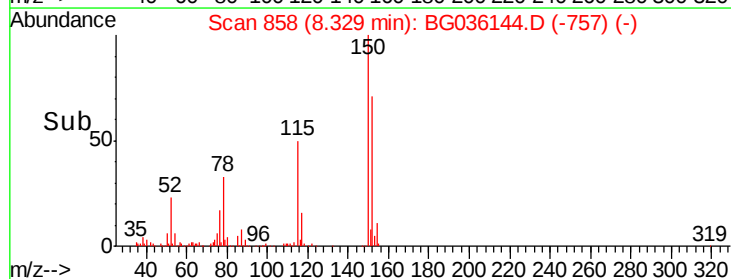
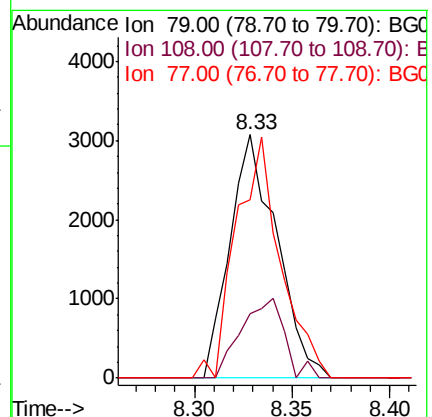
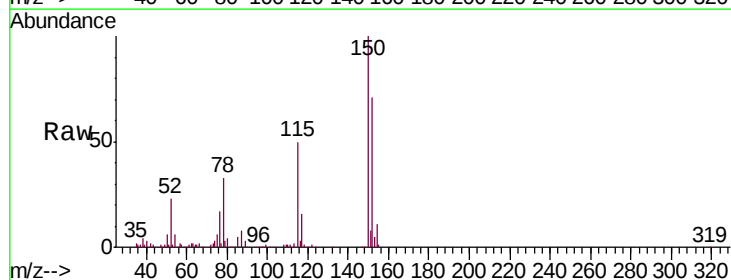
Tgt Ion: 79 Resp: 5102

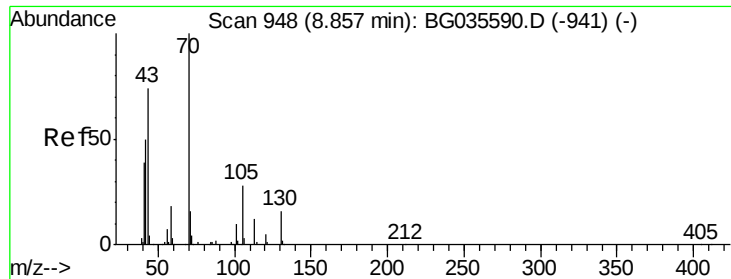
Ion Ratio Lower Upper

79 100

108 26.2 57.2 85.8#

77 73.4 46.1 69.1#

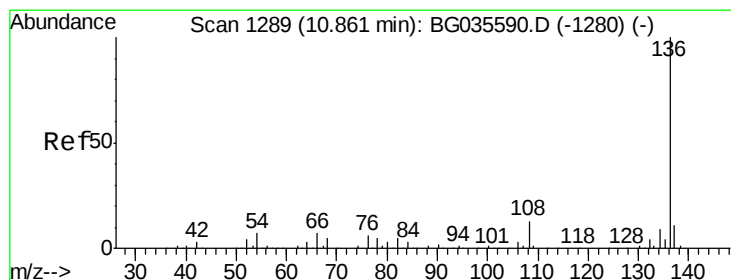
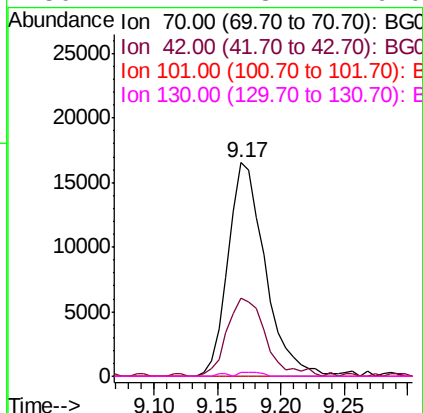
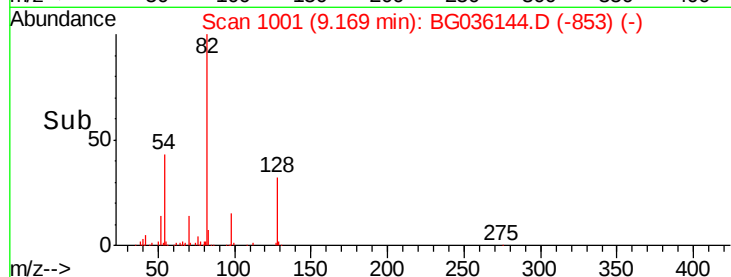
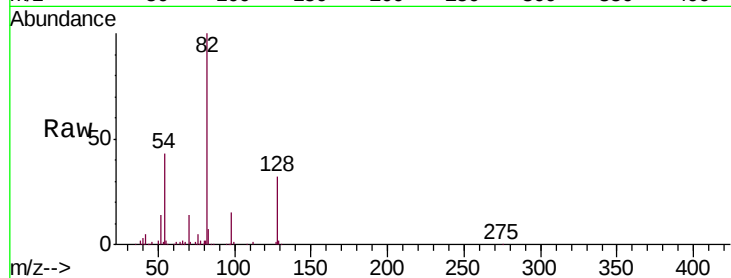




#19
n-Nitroso-di-n-propylamine
Concen: 14.353 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

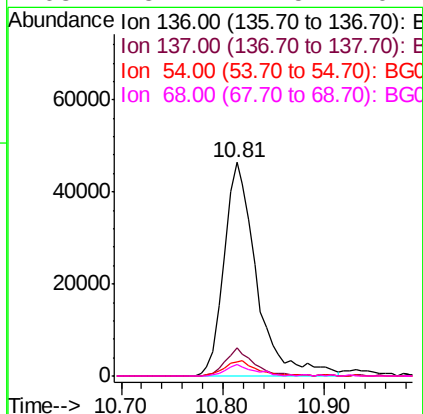
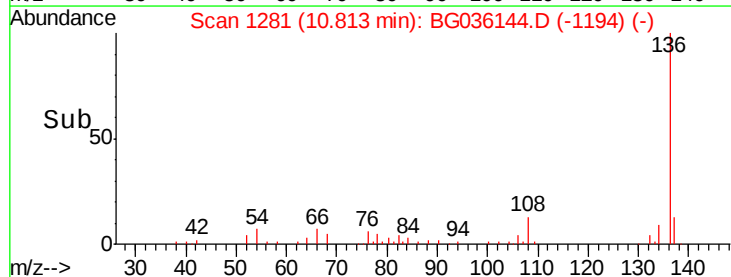
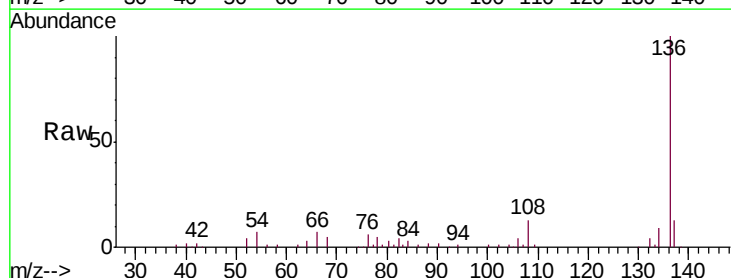
Instrument :
BNA_G
ClientSampleId :
PB111775BL

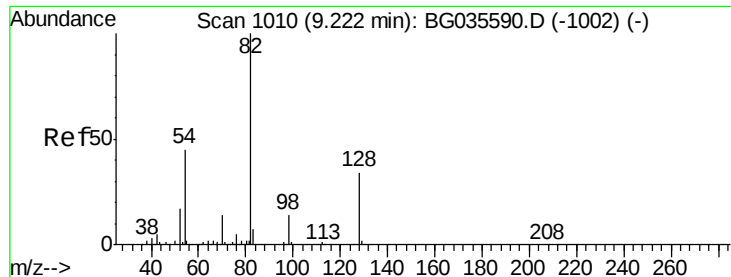
Tgt Ion: 70 Resp: 33574
Ion Ratio Lower Upper
70 100
42 36.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Tgt Ion: 136 Resp: 102990
Ion Ratio Lower Upper
136 100
137 13.2 9.2 13.8
54 6.9 10.3 15.5#
68 5.4 4.5 6.7

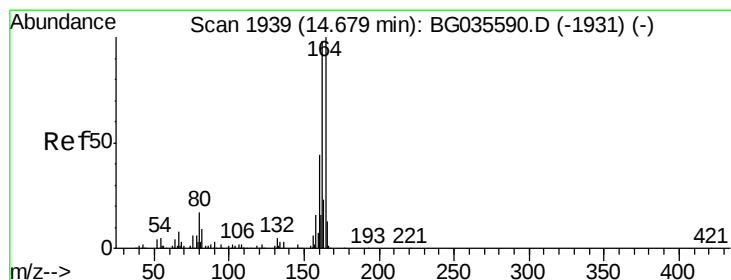
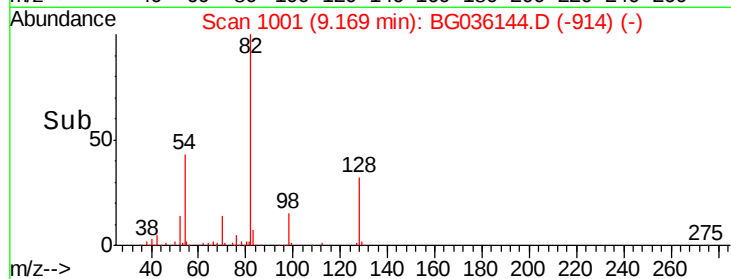
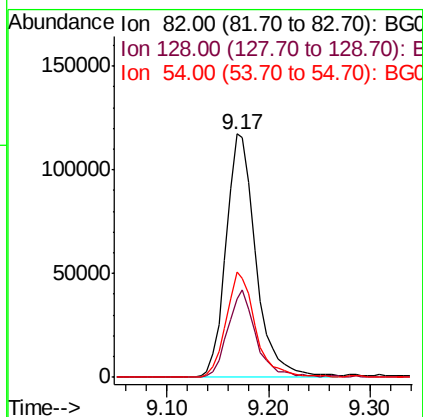
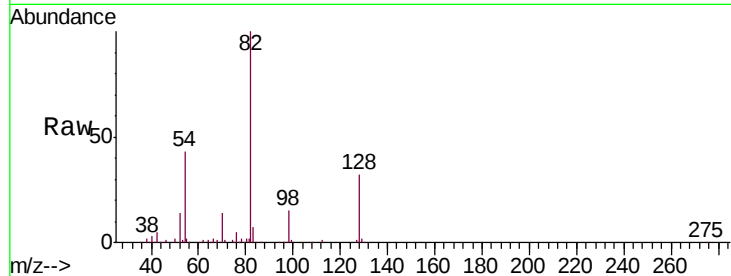




#23
 Nitrobenzene-d5
 Concen: 97.521 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

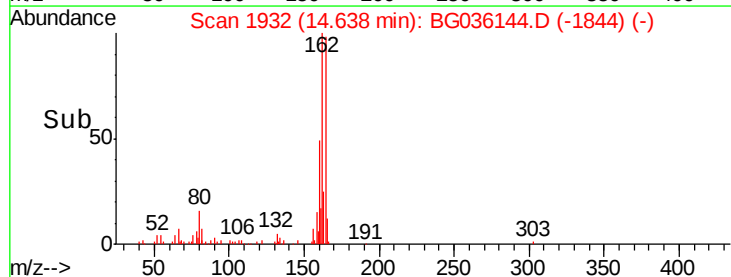
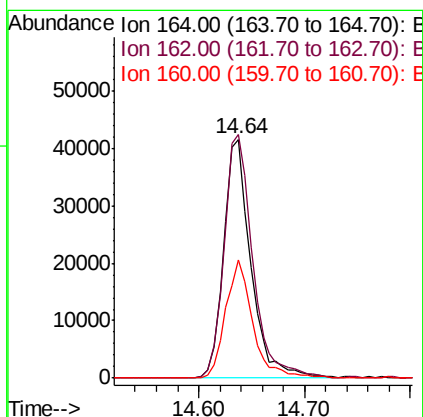
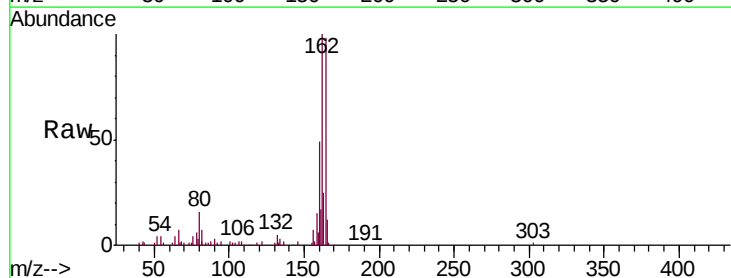
Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

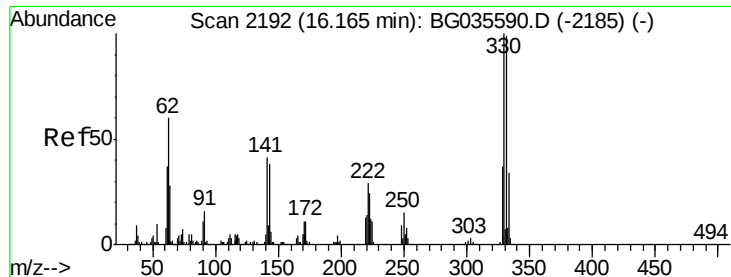
Tgt Ion: 82 Resp: 240426
 Ion Ratio Lower Upper
 82 100
 128 32.1 29.7 44.5
 54 43.1 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

Tgt Ion: 164 Resp: 74214
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 49.7 35.4 53.0

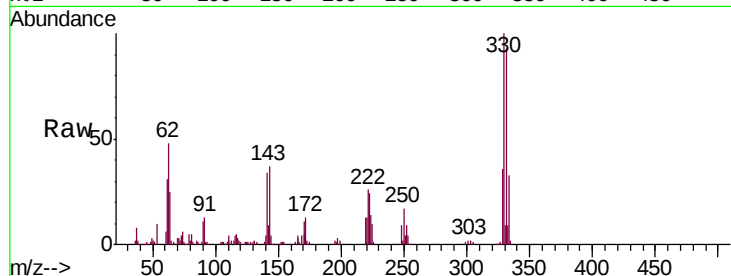




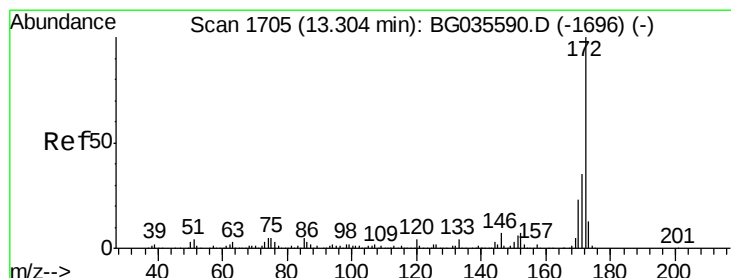
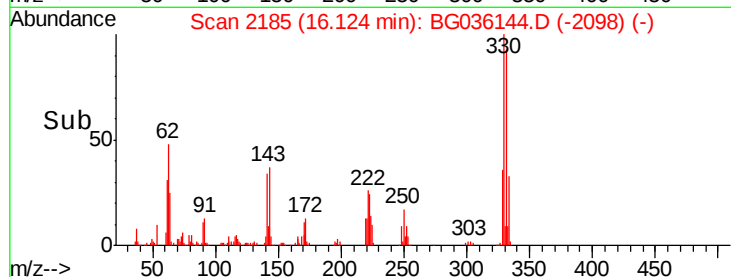
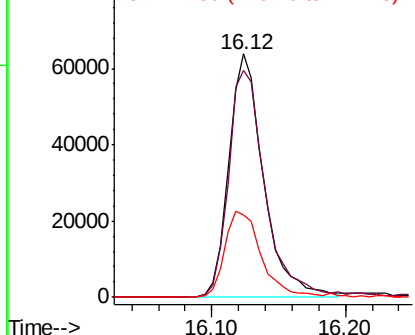
#41
2,4,6-Tribromophenol
Concen: 118.879 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Instrument :
BNA_G
ClientSampleId :
PB111775BL

Tgt Ion:330 Resp: 116286
Ion Ratio Lower Upper
330 100
332 99.1 77.0 115.6
141 37.0 25.2 37.8

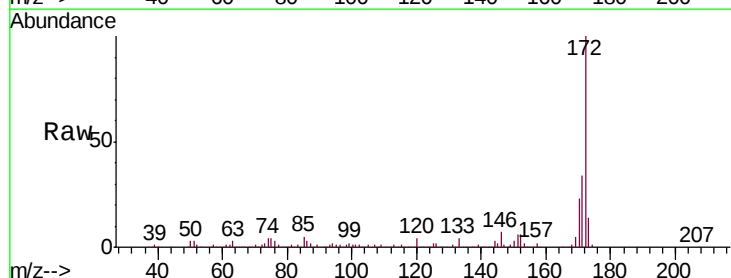


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

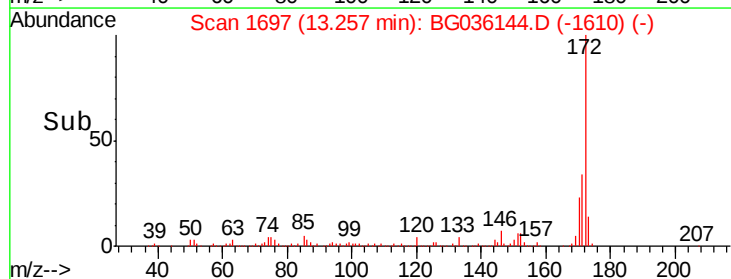
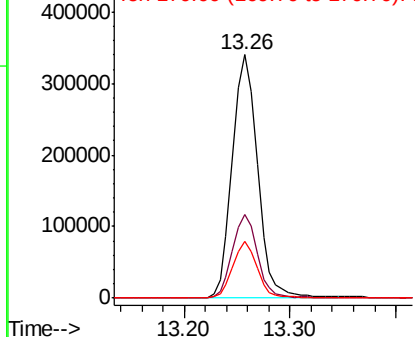


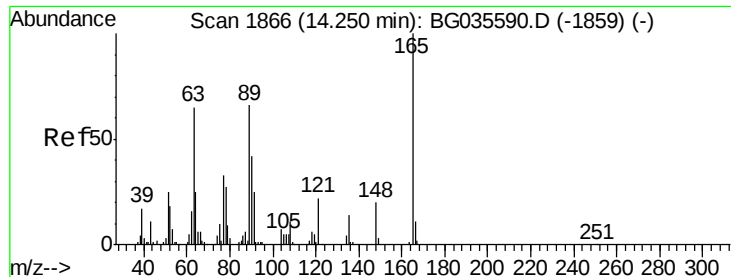
#44
2-Fluorobiphenyl
Concen: 102.005 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Tgt Ion:172 Resp: 565050
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 23.2 19.5 29.3



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

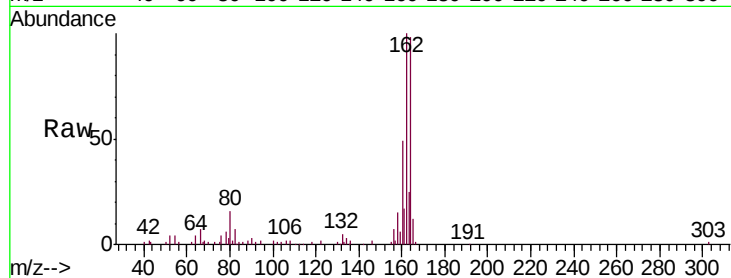




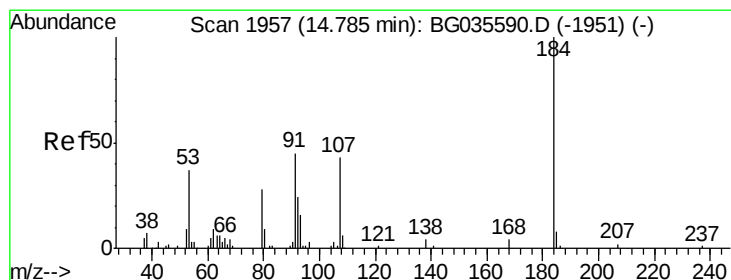
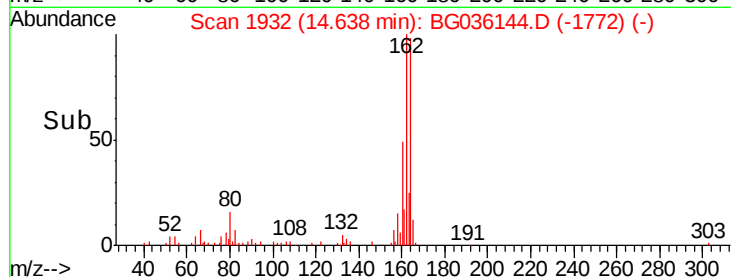
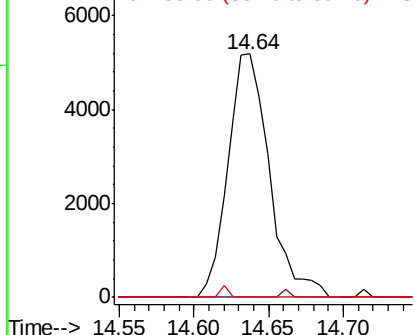
#50
2,6-Dinitrotoluene
Concen: 7.568 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.41 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Instrument :
BNA_G
ClientSampleId :
PB111775BL

Tgt Ion:165 Resp: 10021
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

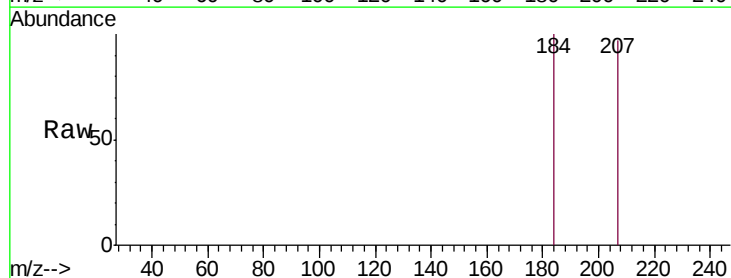


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

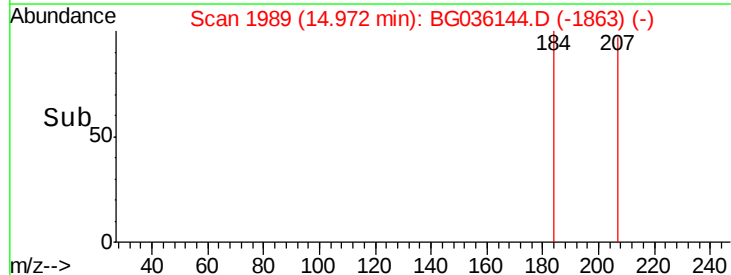
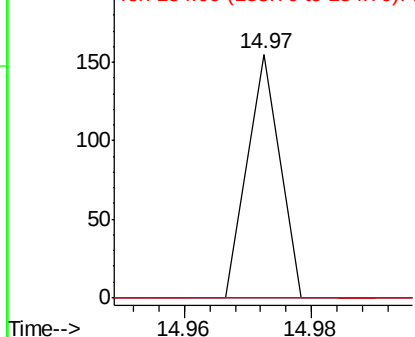


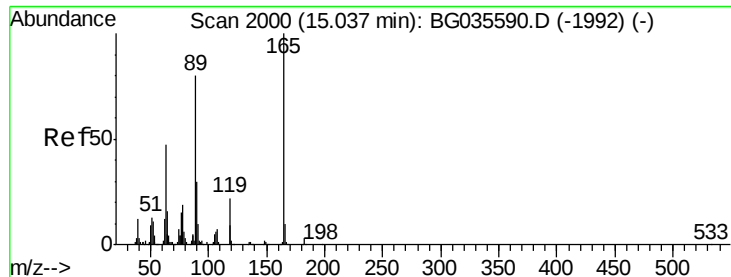
#53
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.21 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

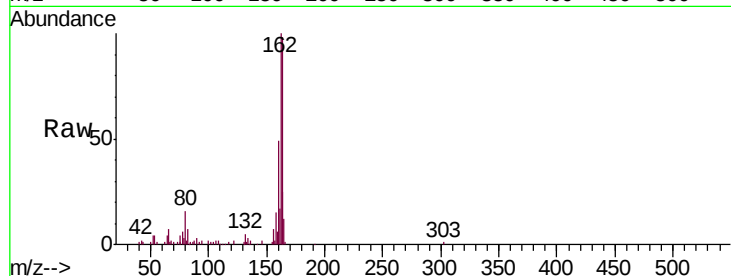




#56
 2,4-Dinitrotoluene
 Concen: 5.275 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

Tgt 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#

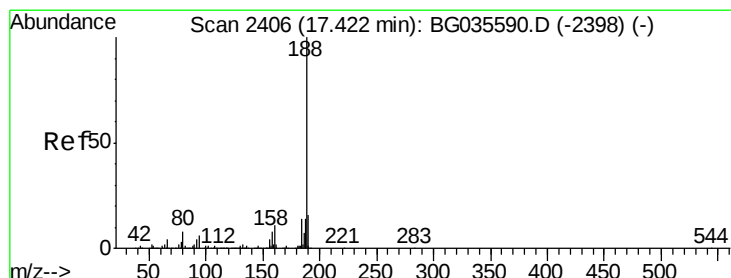
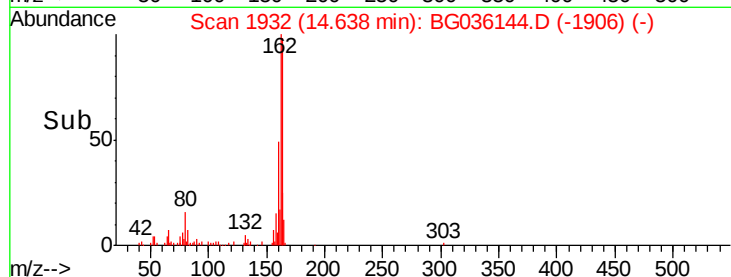
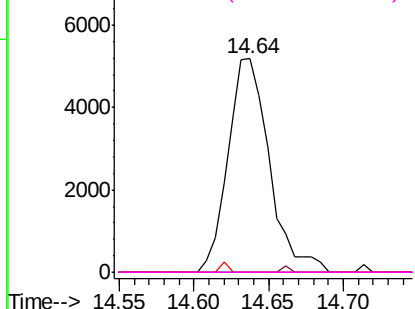


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

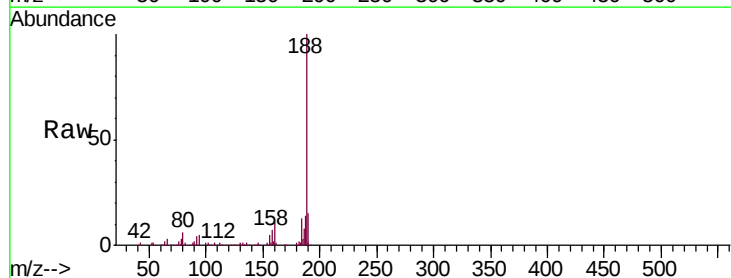
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

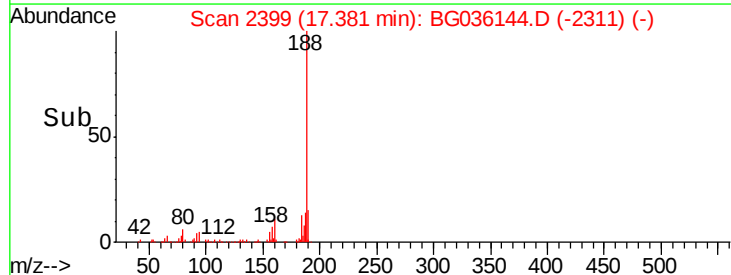
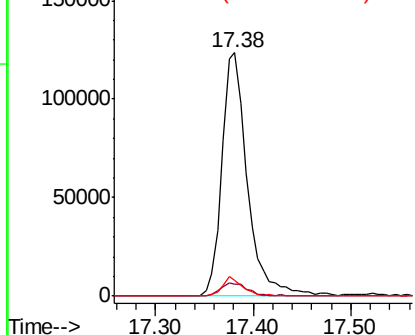
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	6.4	7.7	11.5#

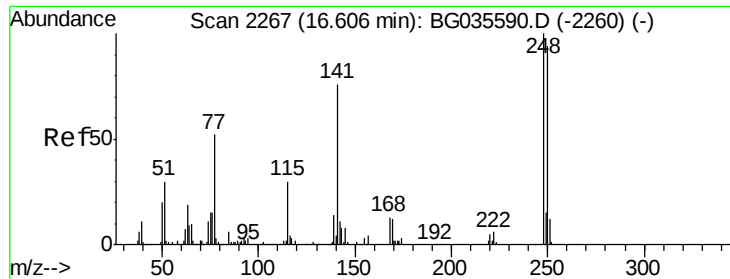


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#66

4-Bromophenyl-phenylether

Concen: 3.673 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

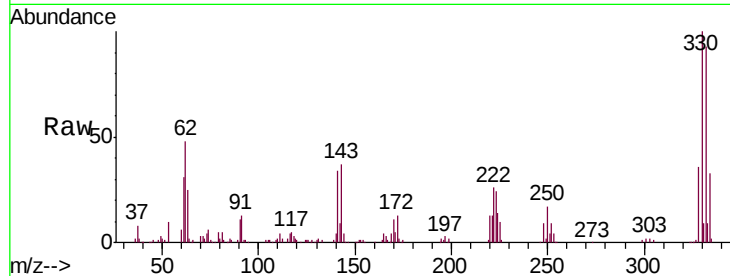
Tgt Ion:248 Resp: 9540

Ion Ratio Lower Upper

248 100

250 200.6 77.1 115.7#

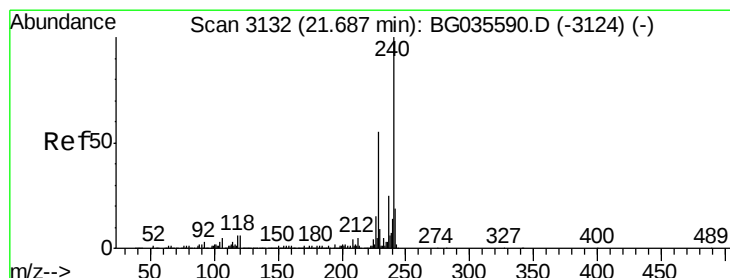
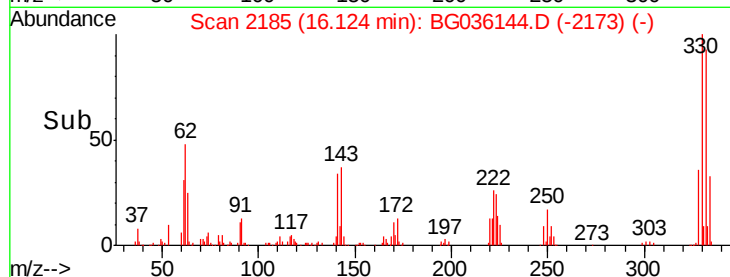
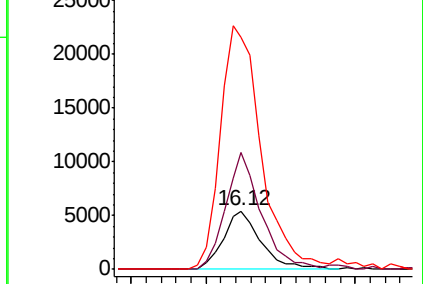
141 398.0 50.8 76.2#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

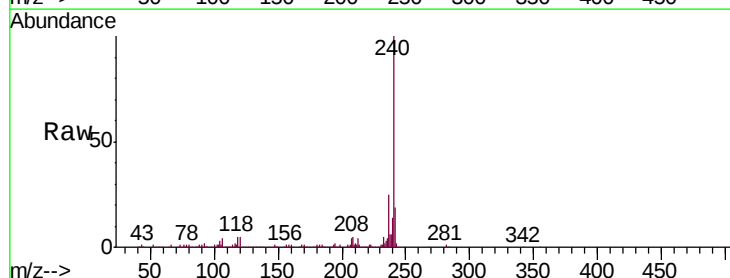
Tgt Ion:240 Resp: 255661

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

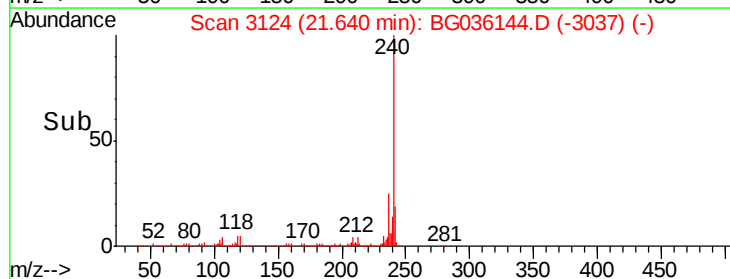
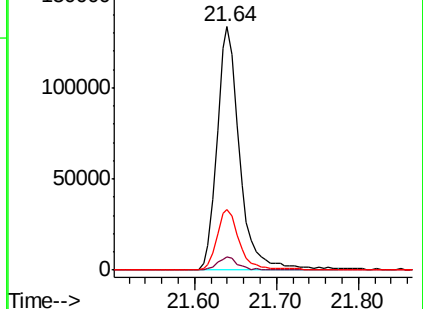
236 24.7 20.9 31.3

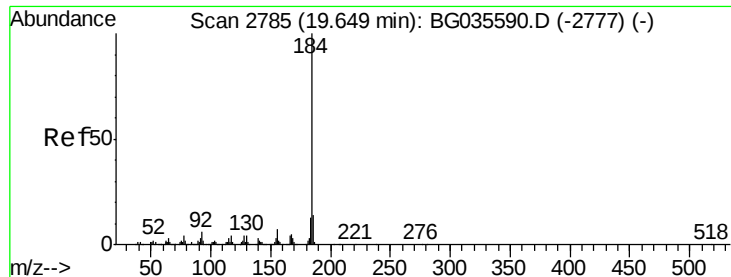


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.700 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

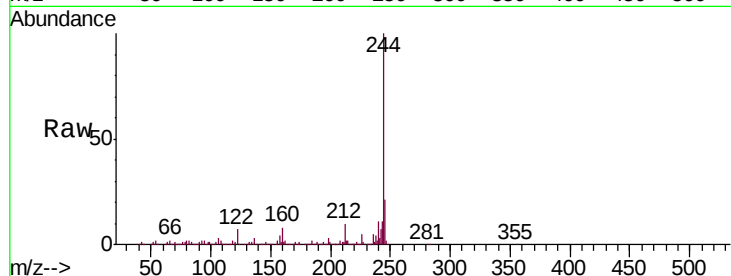
Tgt Ion:184 Resp: 18150

Ion Ratio Lower Upper

184 100

185 21.9 11.1 16.7#

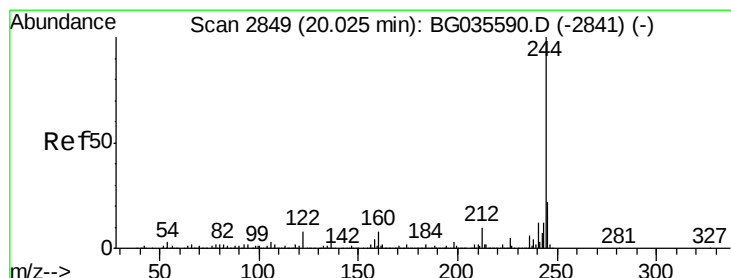
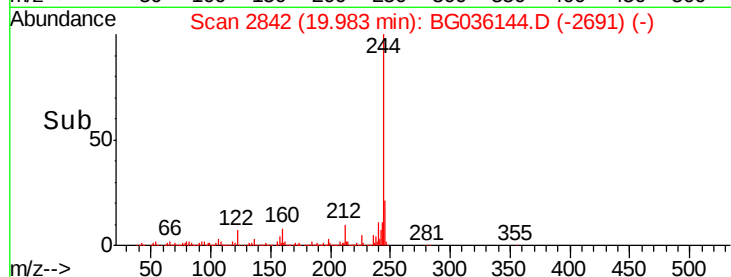
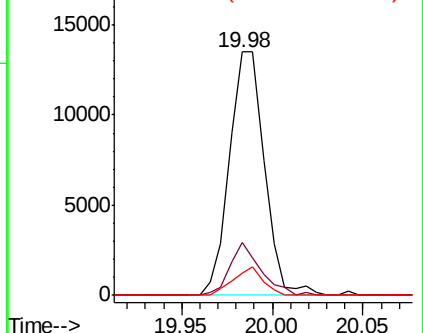
183 9.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.882 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

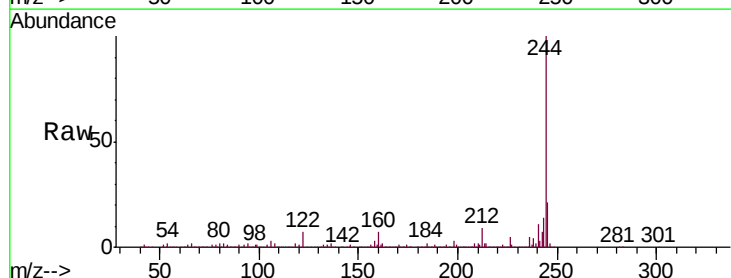
Tgt Ion:244 Resp: 1077273

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

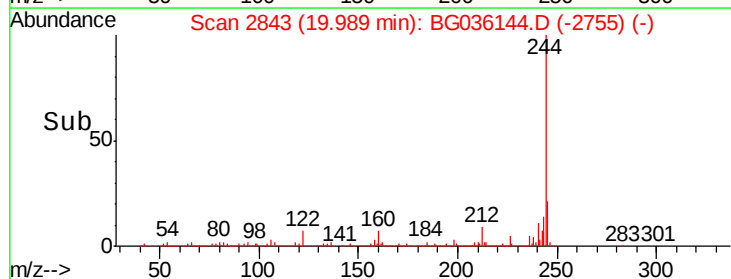
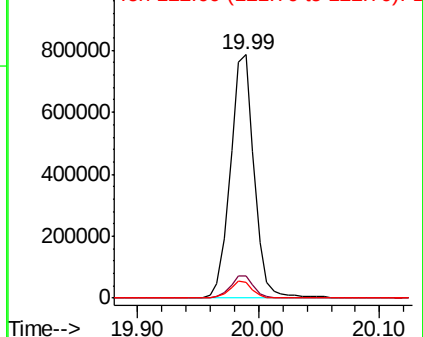
122 6.6 7.0 10.4#

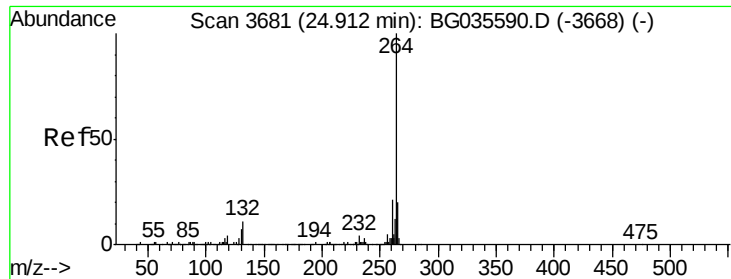


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3667

Delta R.T. -0.03 min

Lab File: BG036144.D

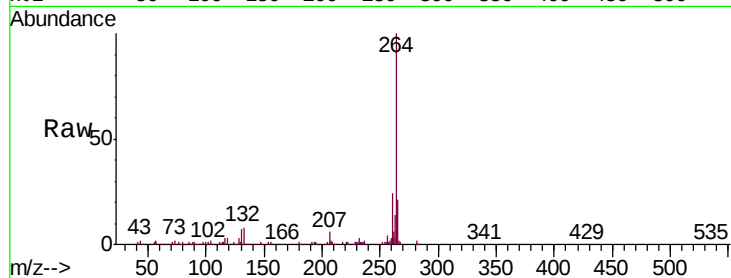
Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL



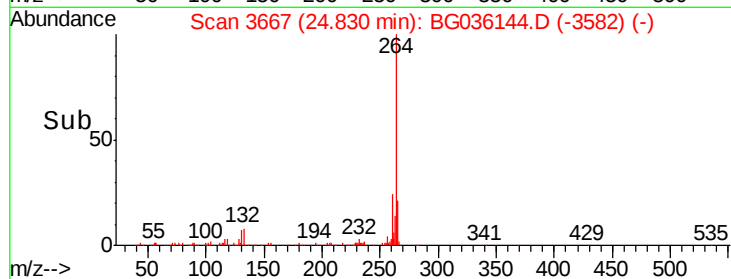
Tgt Ion: 264 Resp: 237279

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

100000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

