

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036225.D
 Acq On : 9 Aug 2018 9:48
 Operator : JU/SJ
 Sample : J4304-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

Quant Time: Aug 09 10:54:10 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

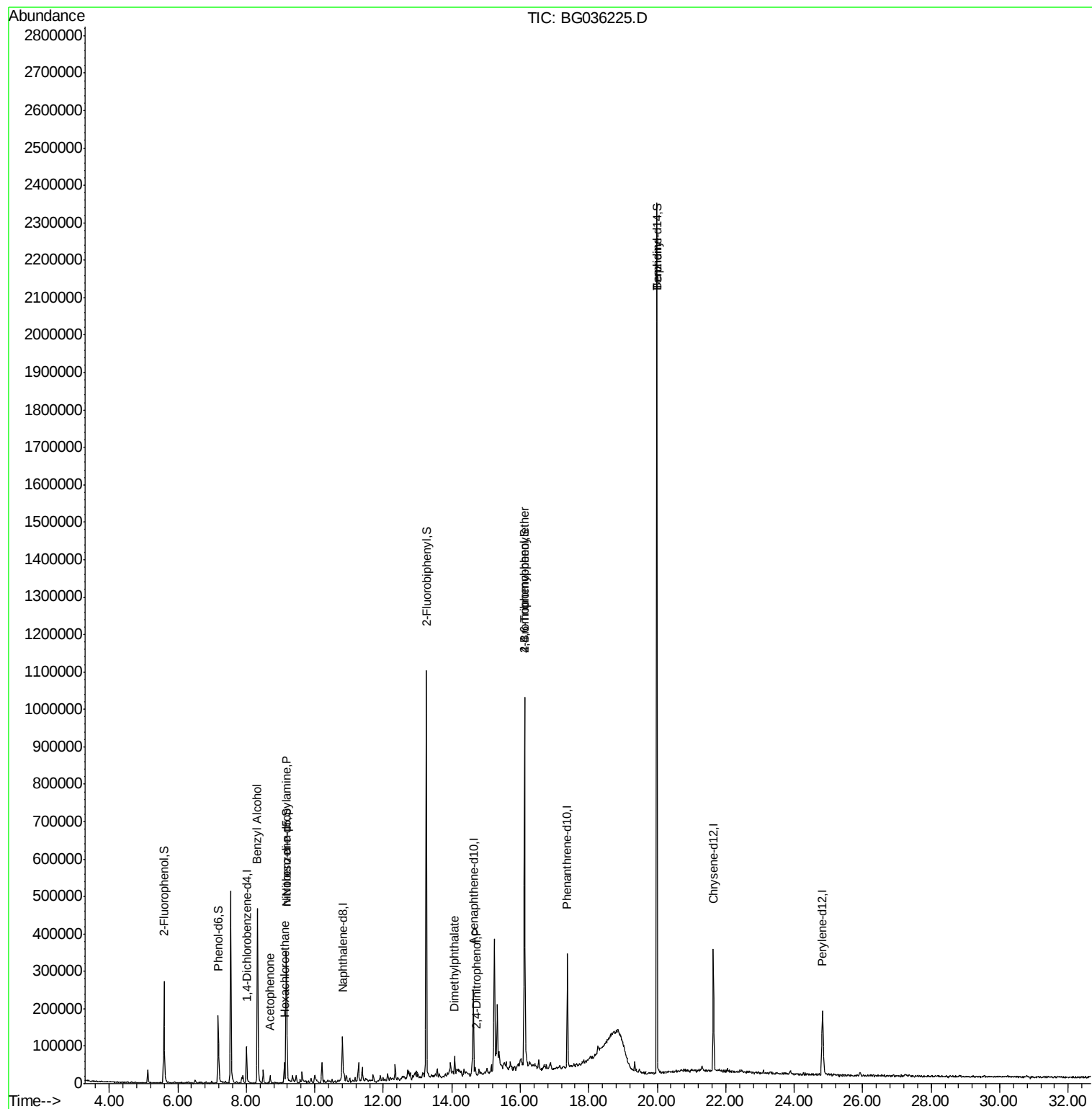
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28244	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	98991	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	72330	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	197188	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	220993	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130089	76.47	ng	0.00
7) Phenol-d6	7.18	99	119406	47.04	ng	-0.01
23) Nitrobenzene-d5	9.17	82	250382	105.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	183830	192.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	570892	105.74	ng	-0.02
78) Terphenyl-d14	19.99	244	1065066	106.24	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.33	79	4844	2.102	ng	# 48
18) Hexachloroethane	9.11	117	8046	9.912	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	36006	16.846	ng	# 68
22) Acetophenone	8.70	105	7260	2.358	ng	# 70
49) Dimethylphthalate	14.08	163	30785	4.858	ng	# 95
53) 2,4-Dinitrophenol	14.73	184	74	6.685	ng	# 25
66) 4-Bromophenyl-phenylether	16.12	248	15343	6.707	ng	# 1
76) Benzidine	19.99	184	18693	3.217	ng	# 94

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

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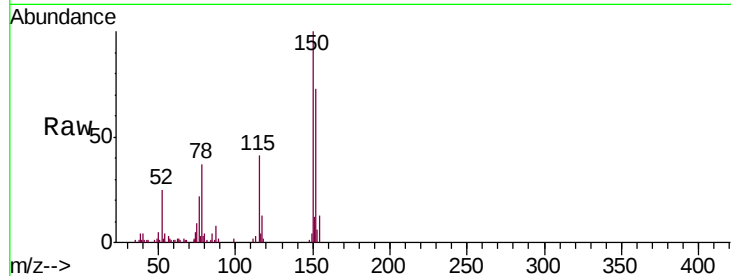


#1

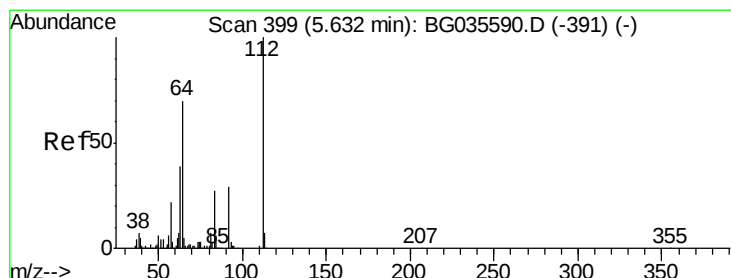
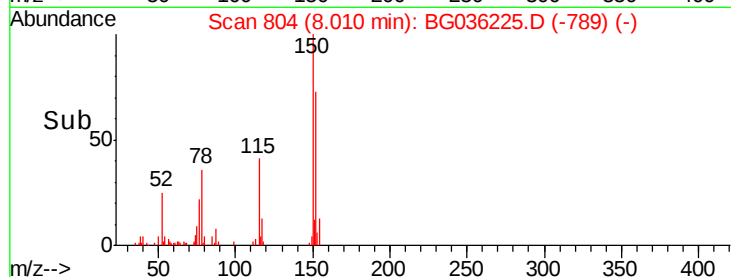
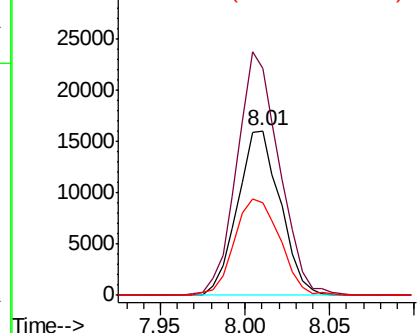
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:152 Resp: 28244
Ion Ratio Lower Upper
152 100
150 137.7 126.6 189.8
115 56.0 53.0 79.4



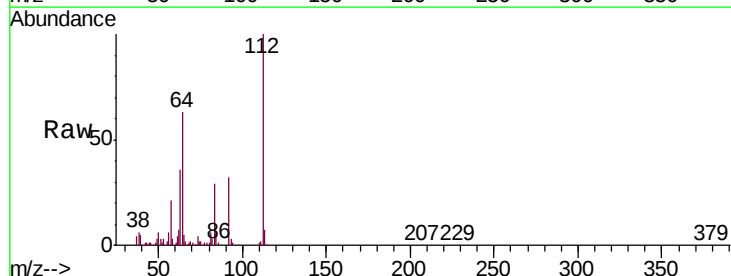
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



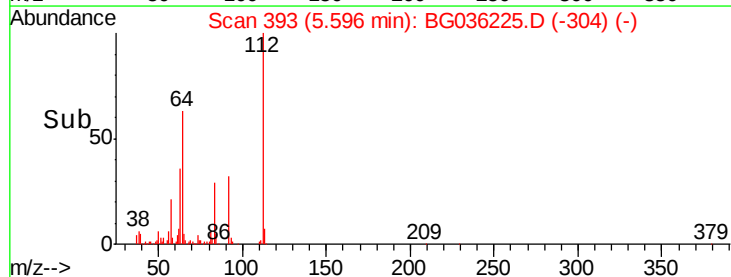
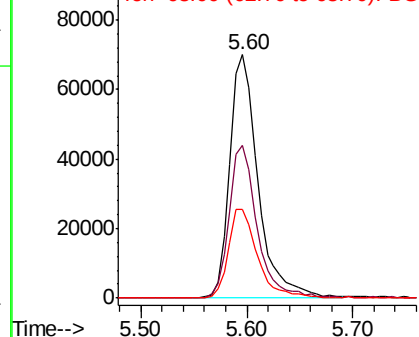
#5

2-Fluorophenol
Concen: 76.469 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:112 Resp: 130089
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 36.2 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: 47.044 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampleId :

MW-A16

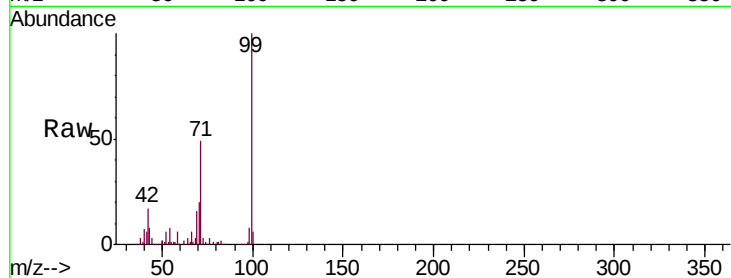
Tgt Ion: 99 Resp: 119406

Ion Ratio Lower Upper

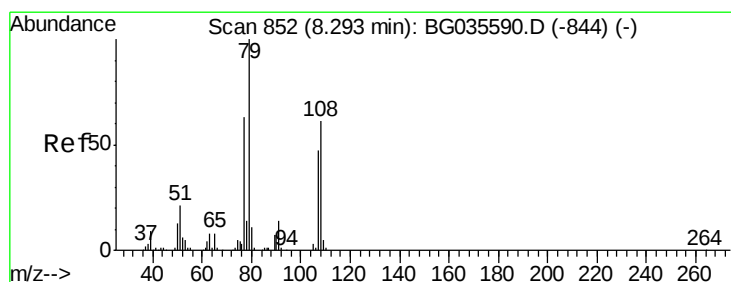
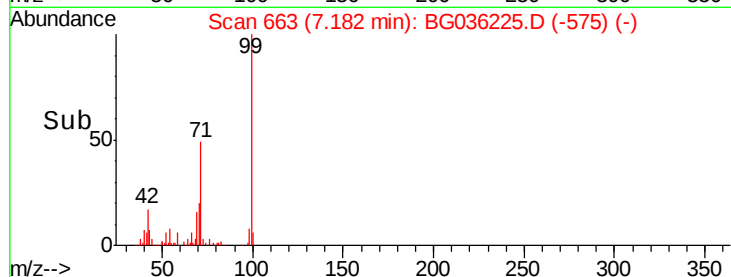
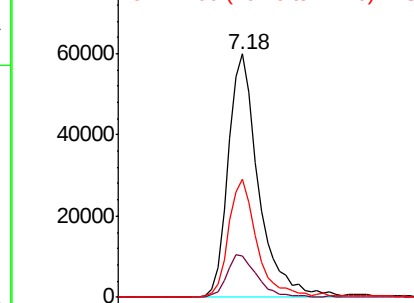
99 100

42 16.9 14.1 21.1

71 48.7 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



#15

Benzyl Alcohol

Concen: 2.102 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.06 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

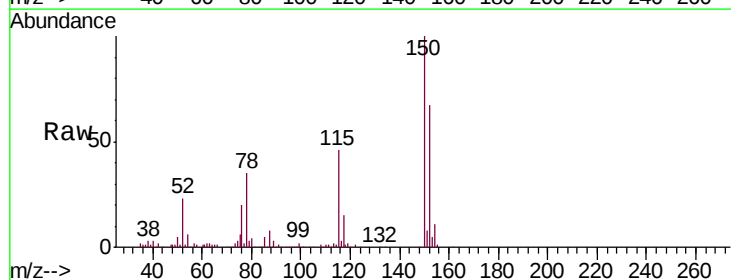
Tgt Ion: 79 Resp: 4844

Ion Ratio Lower Upper

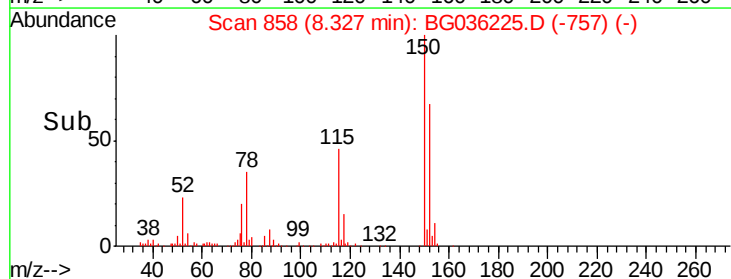
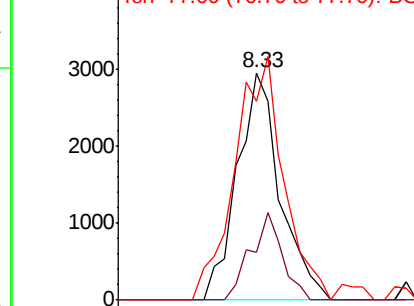
79 100

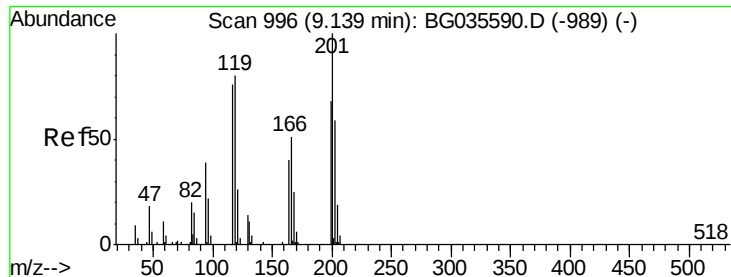
108 21.1 57.2 85.8#

77 87.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

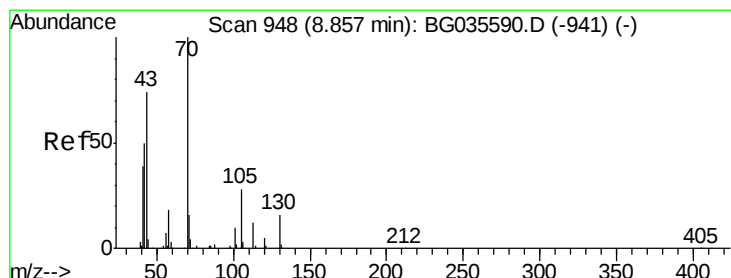
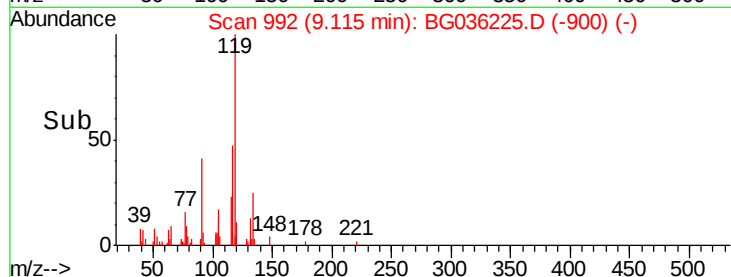
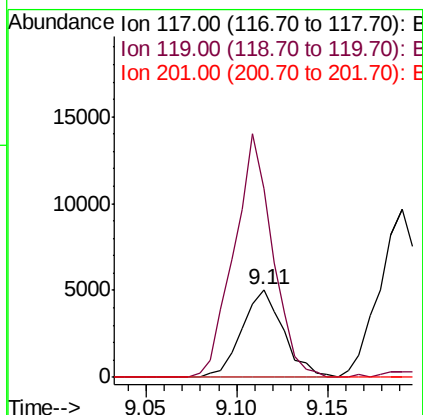
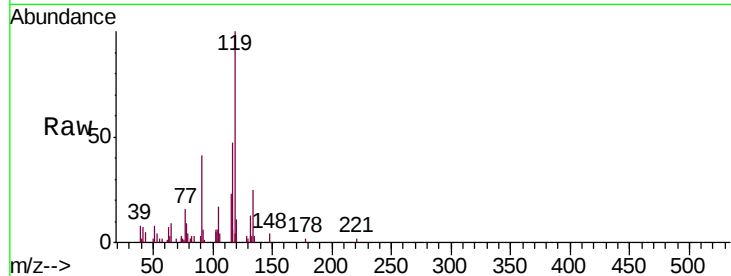




#18
Hexachloroethane
Concen: 9.912 ng
RT: 9.11 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

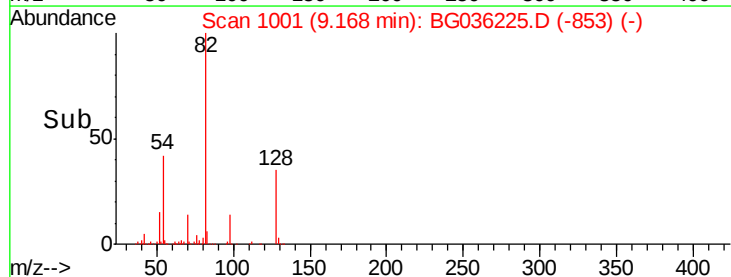
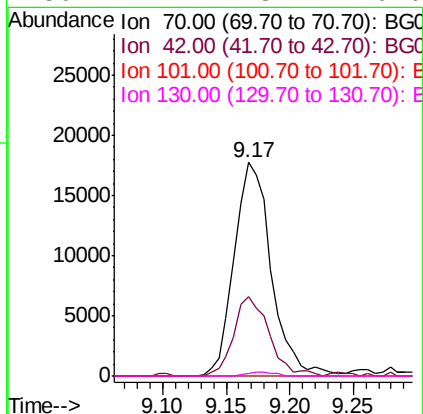
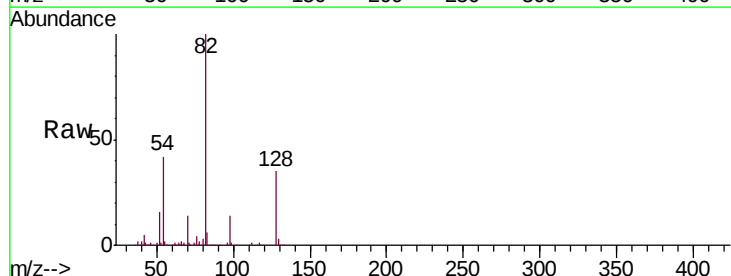
Instrument :
BNA_G
ClientSampleId :
MW-A16

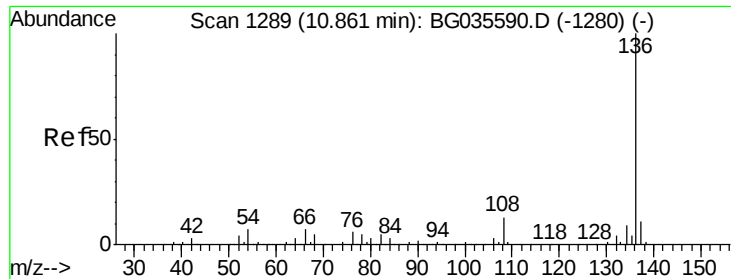
Tgt Ion:117 Resp: 8046
Ion Ratio Lower Upper
117 100
119 214.1 76.7 115.1#
201 0.0 95.7 143.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.846 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion: 70 Resp: 36006
Ion Ratio Lower Upper
70 100
42 37.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 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: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampleId :

MW-A16

Tgt Ion:136 Resp: 98991

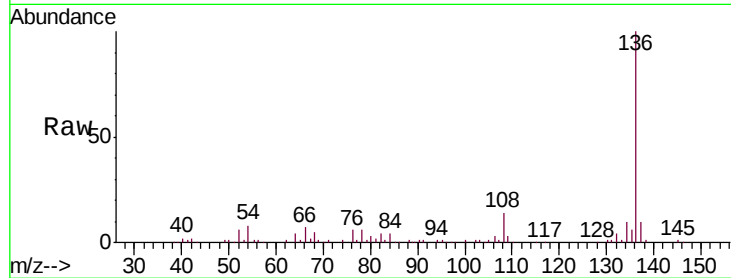
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.9 10.3 15.5#

68 5.2 4.5 6.7

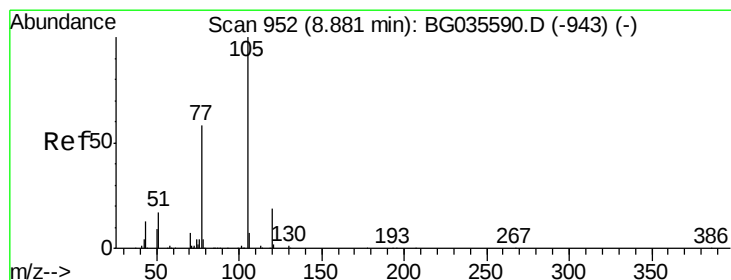
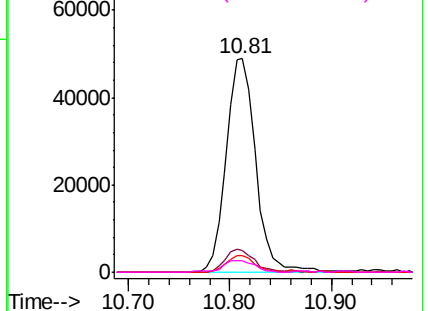
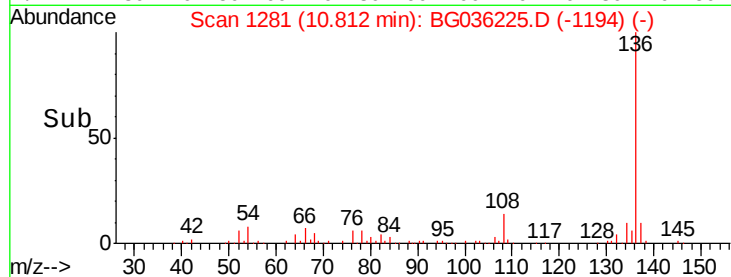


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.358 ng

RT: 8.70 min Scan# 921

Delta R.T. -0.15 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Tgt Ion:105 Resp: 7260

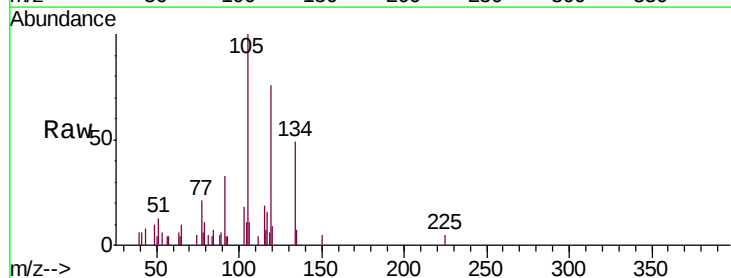
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 13.2 26.1 39.1#

120 8.8 17.4 26.2#

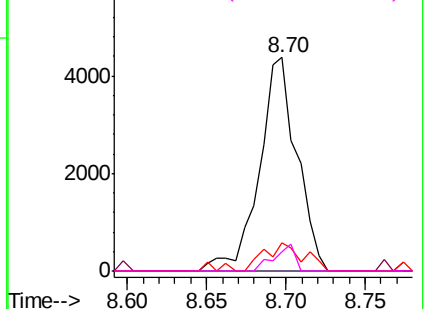
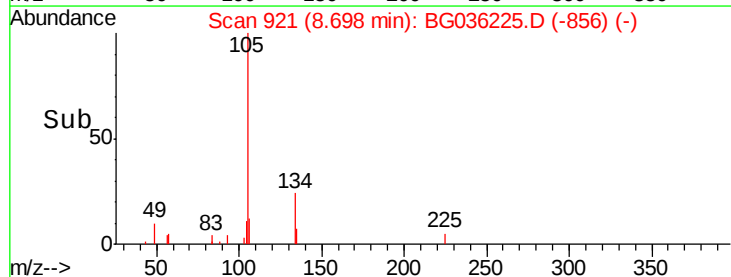


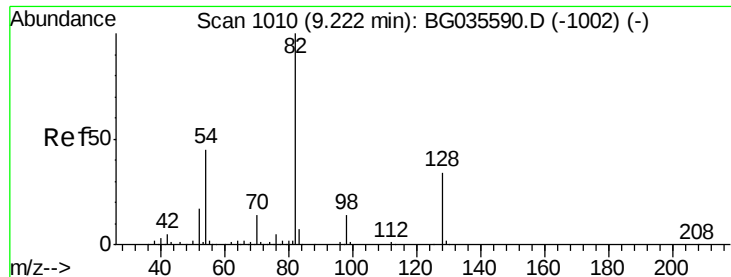
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

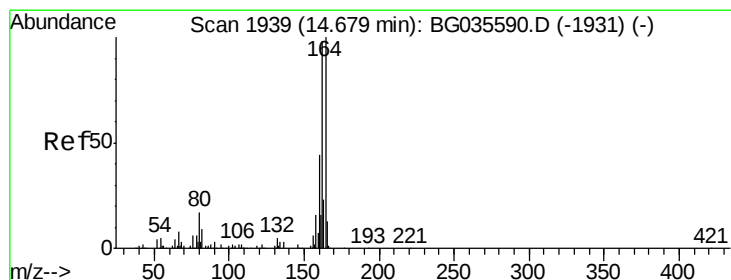
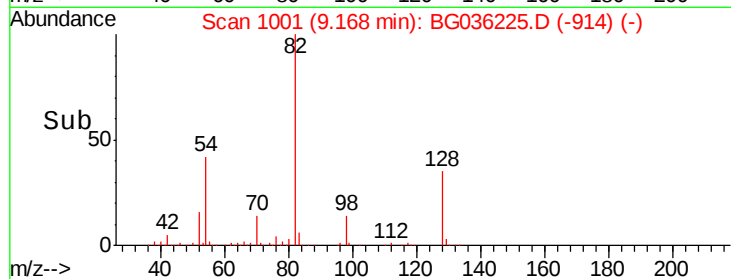
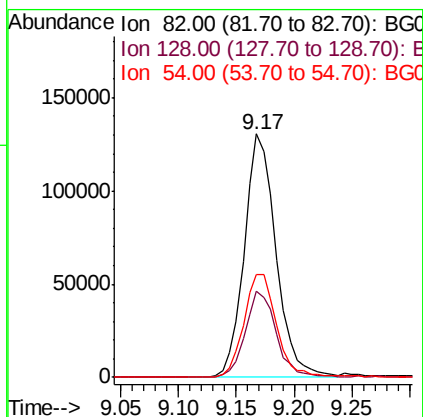
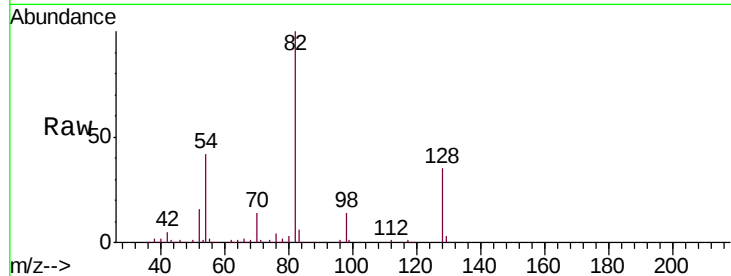




#23
Nitrobenzene-d5
Concen: 105.663 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

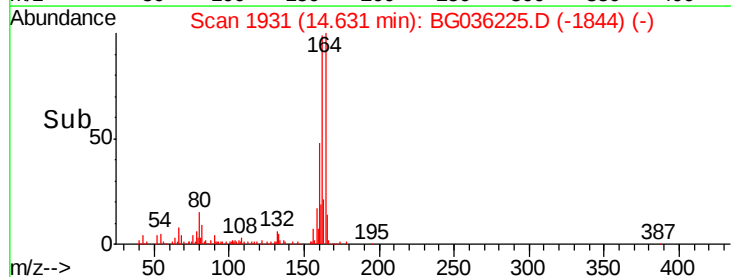
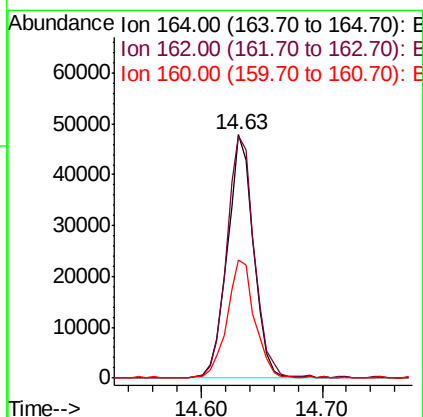
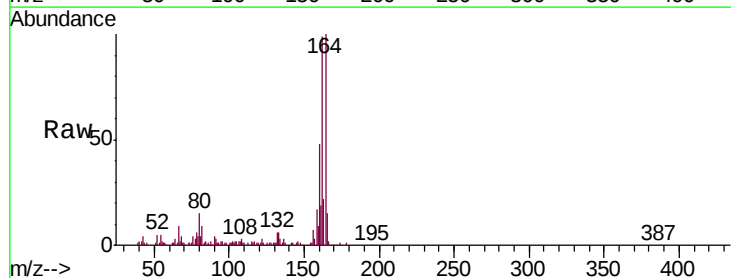
Instrument :
BNA_G
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MW-A16

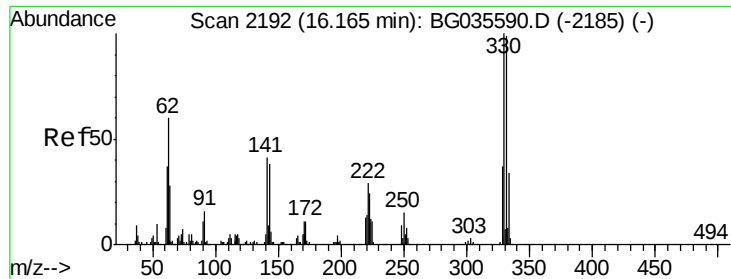
Tgt Ion: 82 Resp: 250382
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 42.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion: 164 Resp: 72330
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 48.4 35.4 53.0

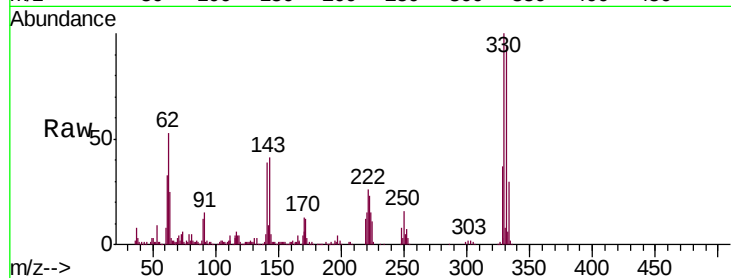




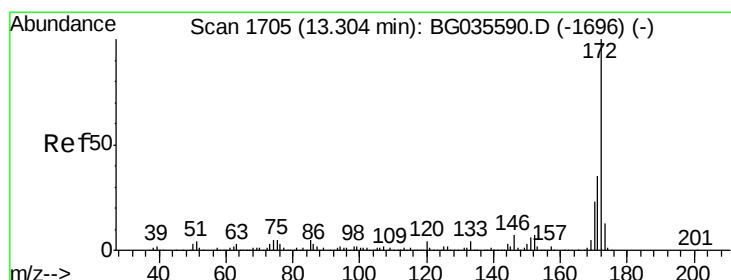
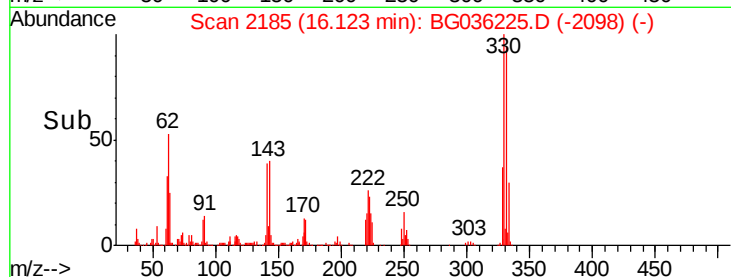
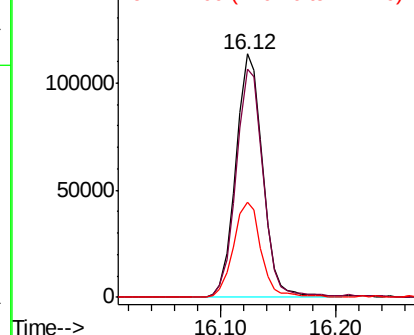
#41
 2,4,6-Tribromophenol
 Concen: 192.824 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

Tgt Ion:330 Resp: 183830
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 40.2 25.2 37.8#

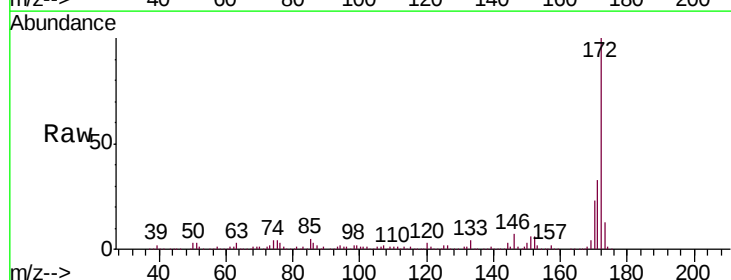


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

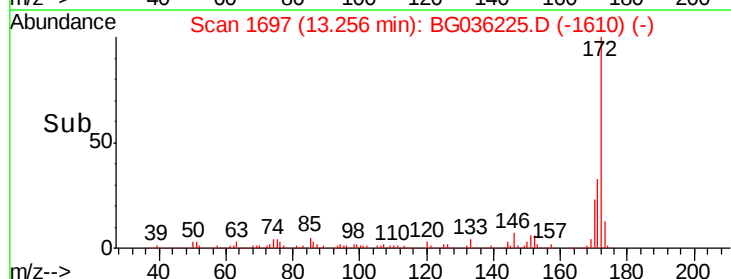
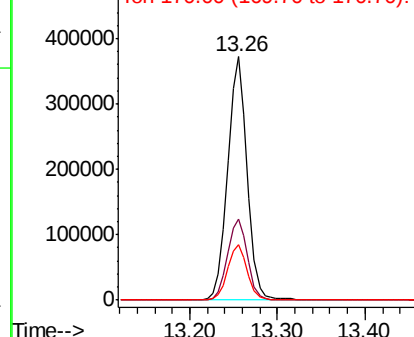


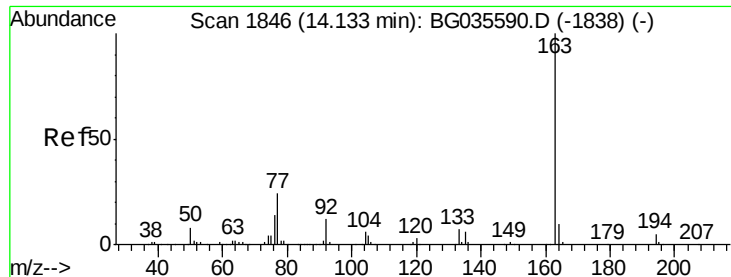
#44
 2-Fluorobiphenyl
 Concen: 105.744 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Tgt Ion:172 Resp: 570892
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.0 45.0
 170 22.8 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





#49

Dimethylphthalate

Concen: 4.858 ng

RT: 14.08 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampled :

MW-A16

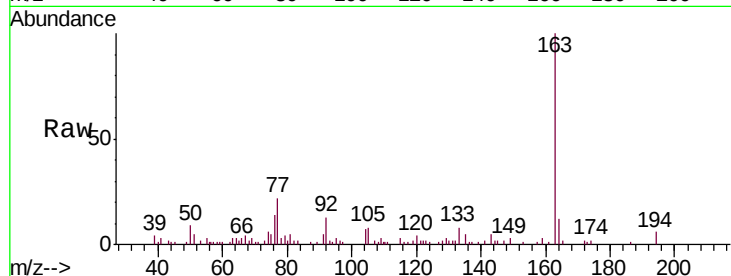
Tgt Ion:163 Resp: 30785

Ion Ratio Lower Upper

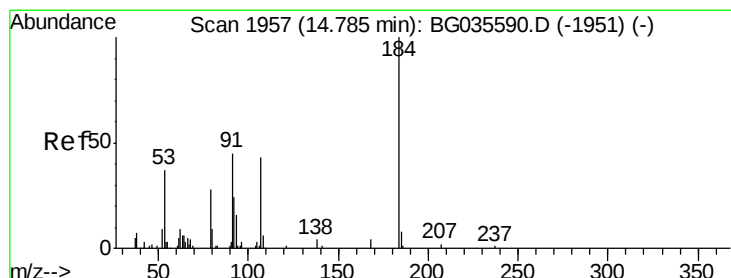
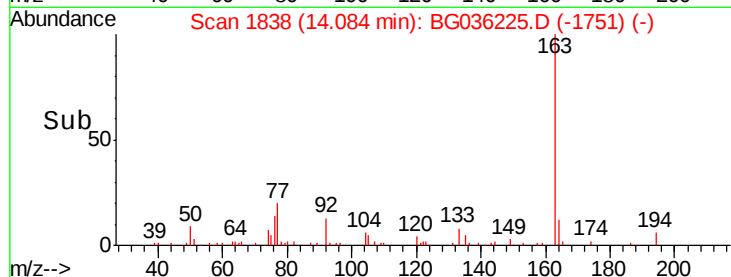
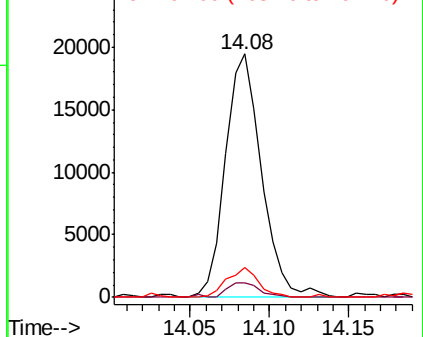
163 100

194 5.9 3.4 5.2#

164 12.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.685 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

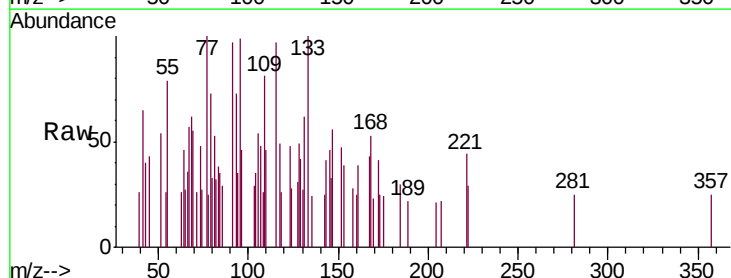
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

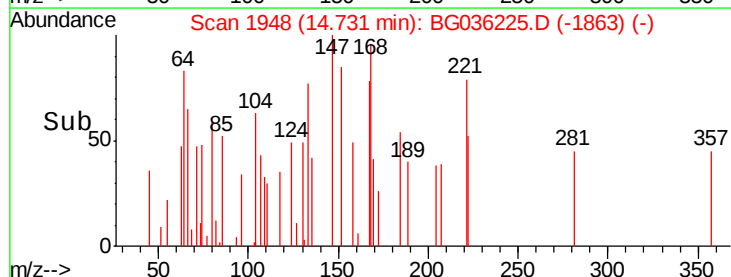
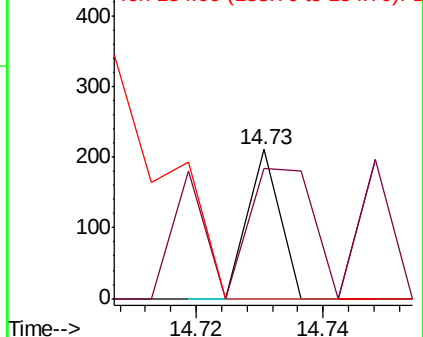
184 100

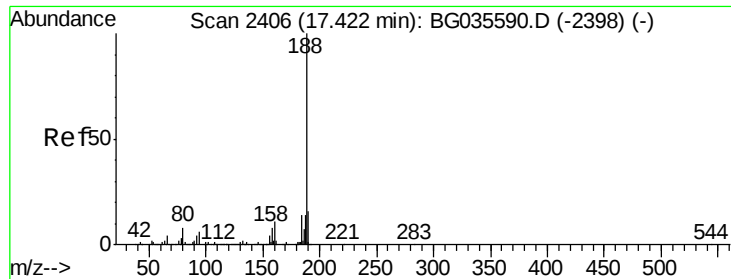
63 87.2 59.8 89.8

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): BG
Ion 154.00 (153.70 to 154.70): E

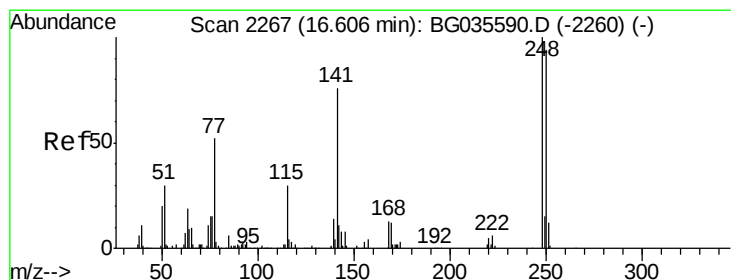
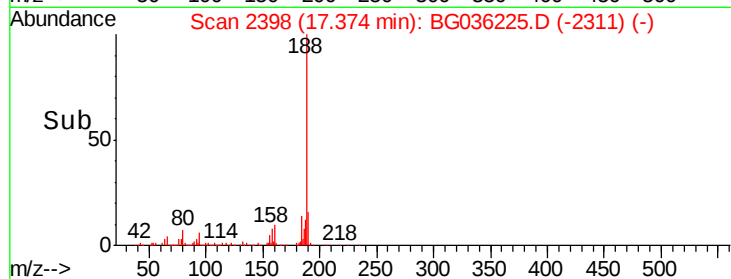
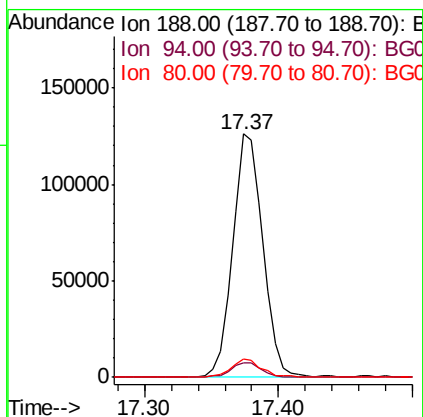
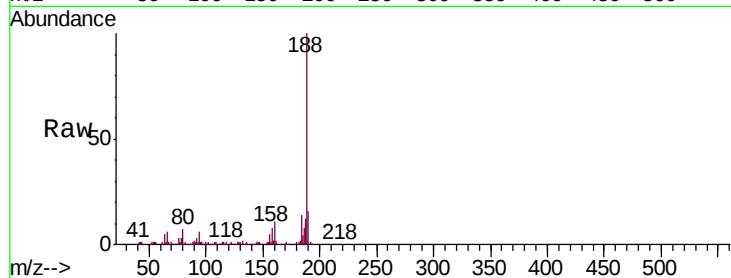




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

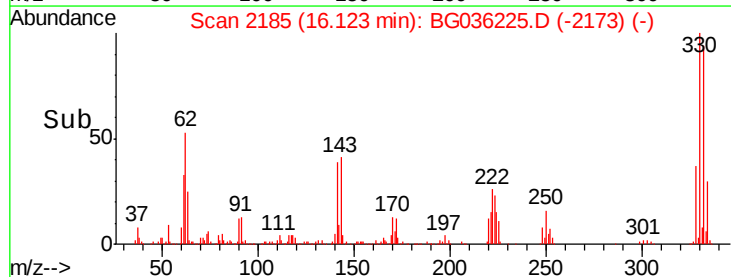
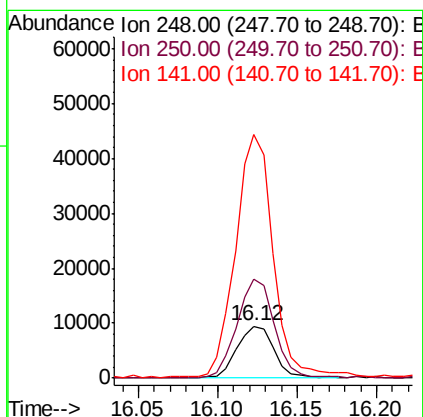
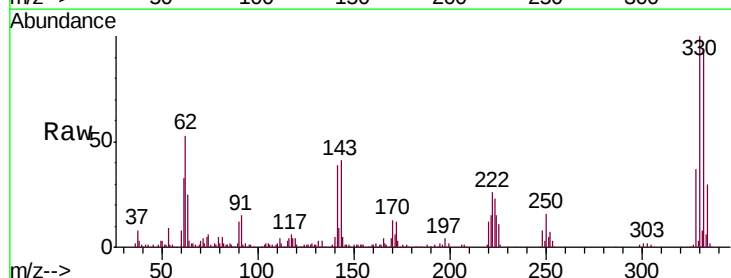
Instrument :
 BNA_G
 ClientSampleId :
 MW-A16

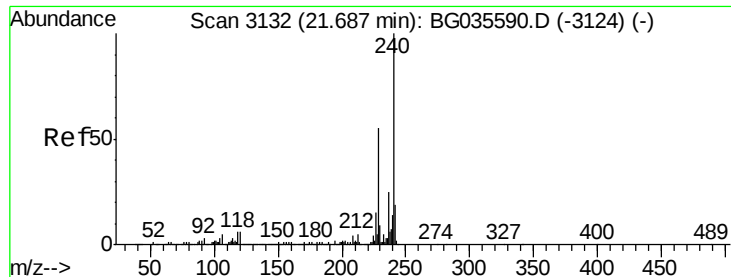
Tgt Ion:188 Resp: 197188
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 7.5 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 6.707 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036225.D
 Acq: 9 Aug 2018 9:48

Tgt Ion:248 Resp: 15343
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.1 115.7#
 141 471.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampleId :

MW-A16

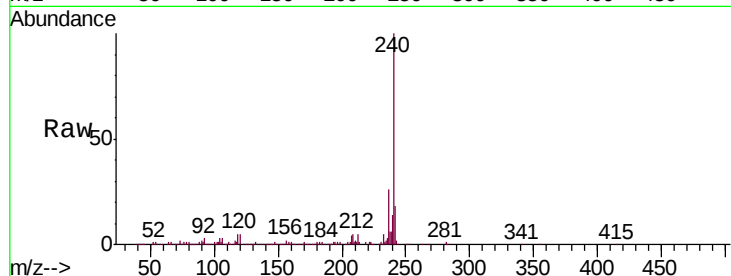
Tgt Ion:240 Resp: 220993

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

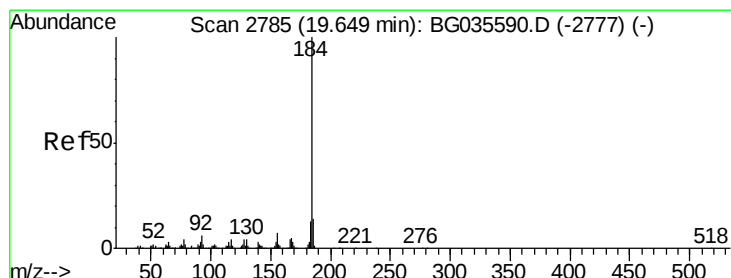
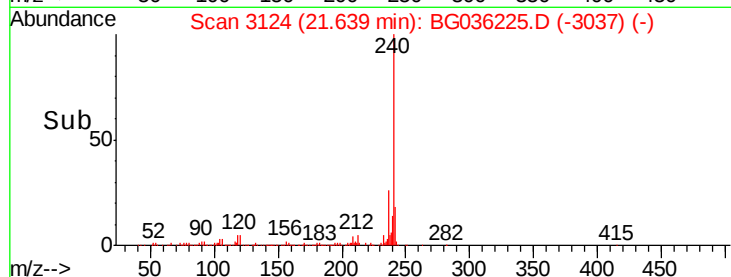
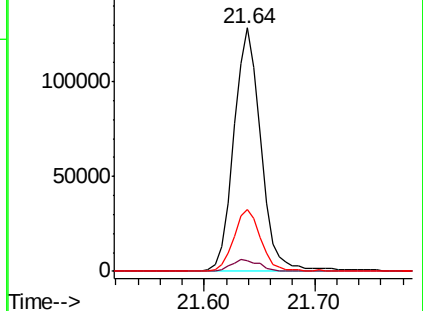
236 25.5 20.9 31.3



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: 3.217 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.36 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

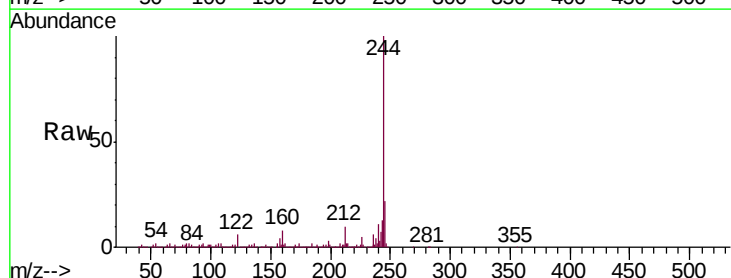
Tgt Ion:184 Resp: 18693

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

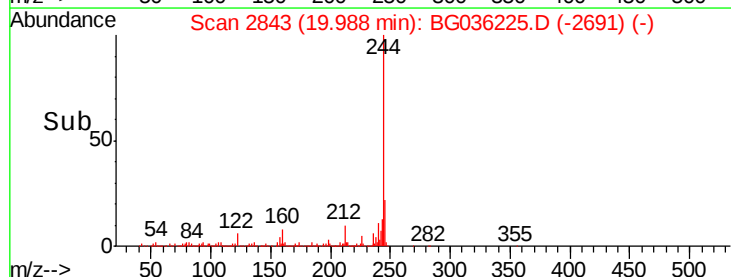
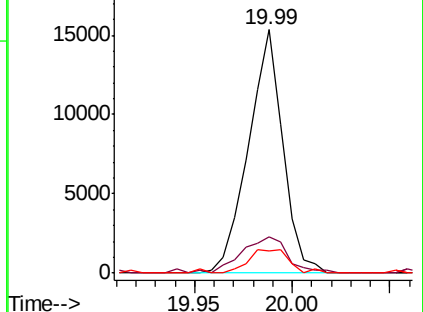
183 9.2 10.6 16.0#

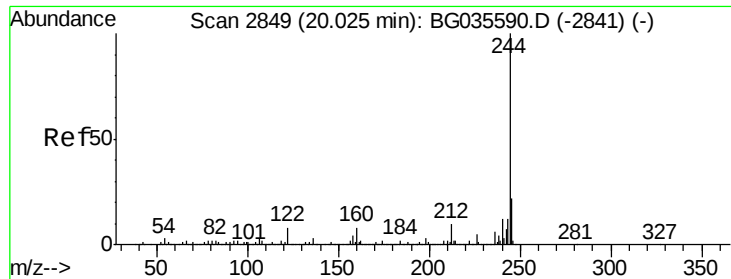


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 106.235 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036225.D

Acq: 9 Aug 2018 9:48

Instrument :

BNA_G

ClientSampled :

MW-A16

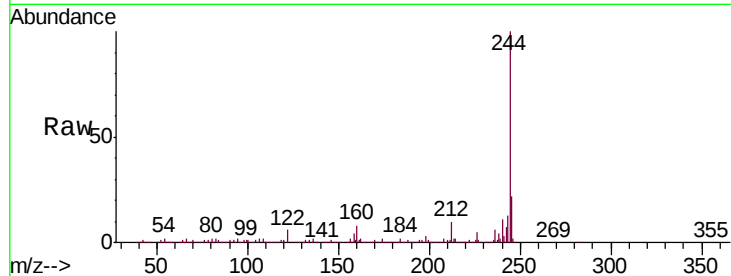
Tgt Ion:244 Resp: 1065066

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

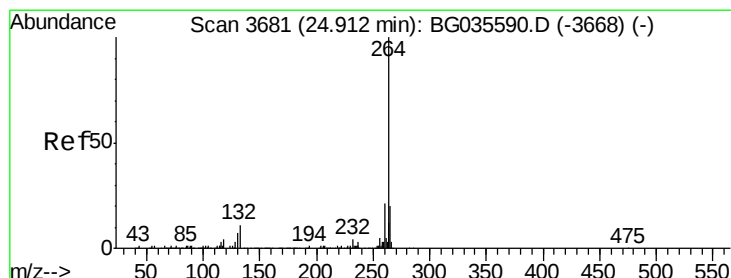
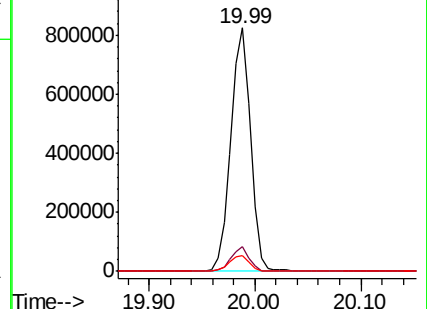
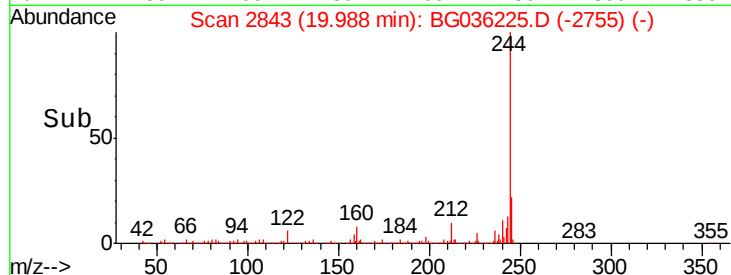
122 6.3 7.0 10.4#



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: BG036225.D

Acq: 9 Aug 2018 9:48

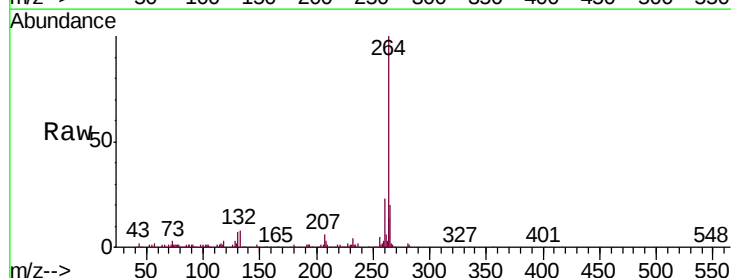
Tgt Ion:264 Resp: 204185

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.5 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

