

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036140.D
 Acq On : 6 Aug 2018 23:22
 Operator : JU/SJ
 Sample : J4303-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Aug 07 01:02:46 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

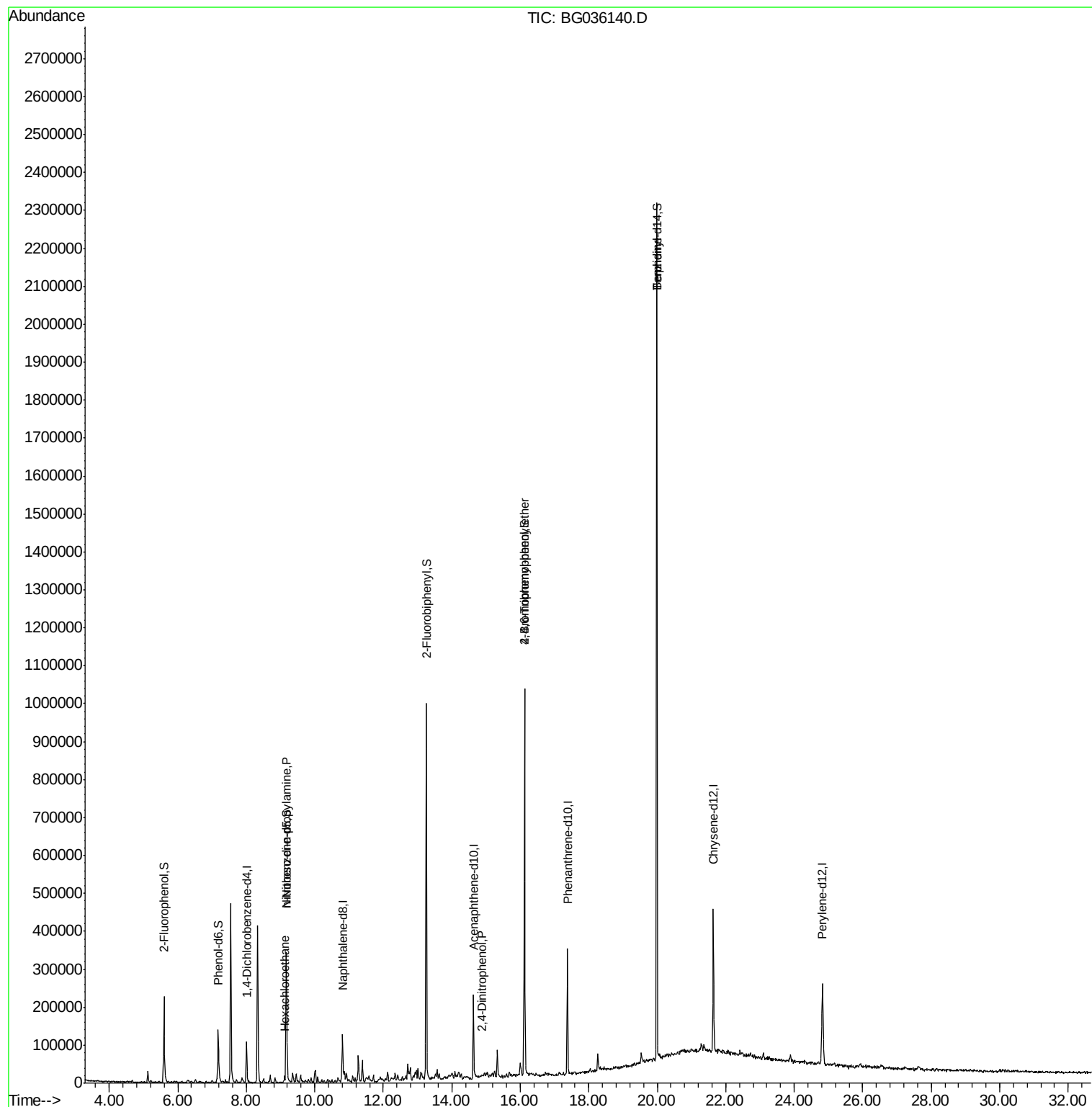
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31355	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	104648	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	76639	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	213943	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	240366	20.00	ng	-0.02
86) Perylene-d12	24.82	264	227467	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	110805	58.67	ng	0.00
7) Phenol-d6	7.18	99	96046	34.09	ng	-0.01
23) Nitrobenzene-d5	9.17	82	251203	100.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	188344	186.45	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	540254	94.44	ng	-0.02
78) Terphenyl-d14	19.99	244	1101412	101.01	ng	-0.01
Target Compounds						
18) Hexachloroethane	9.12	117	3618	4.015	ng	# 13
19) n-Nitroso-di-n-propylamine	9.17	70	33696	14.201	ng	# 65
53) 2,4-Dinitrophenol	14.89	184	72	6.676	ng	# 1
66) 4-Bromophenyl-phenylether	16.12	248	15643	6.302	ng	# 1
76) Benzidine	19.98	184	20961	3.317	ng	# 90

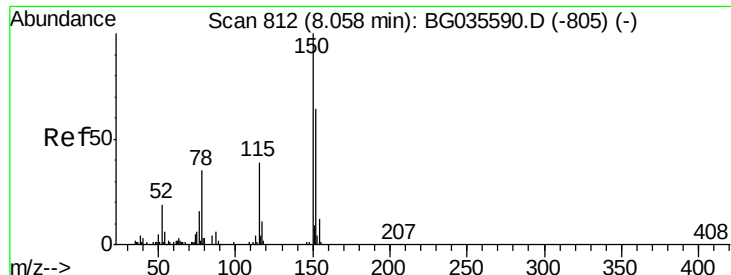
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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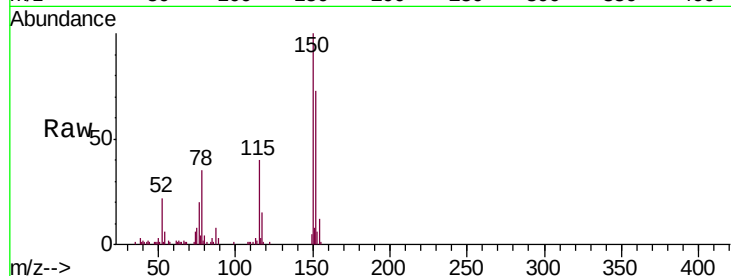


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.3	126.6	189.8
115	54.8	53.0	79.4

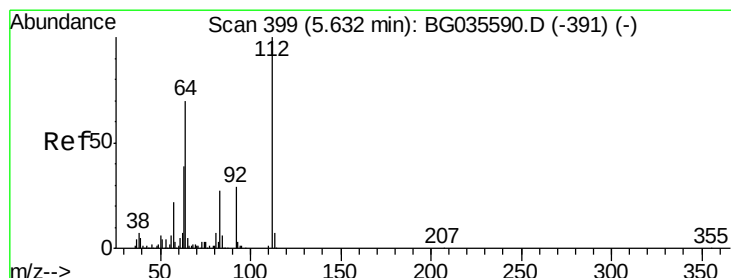
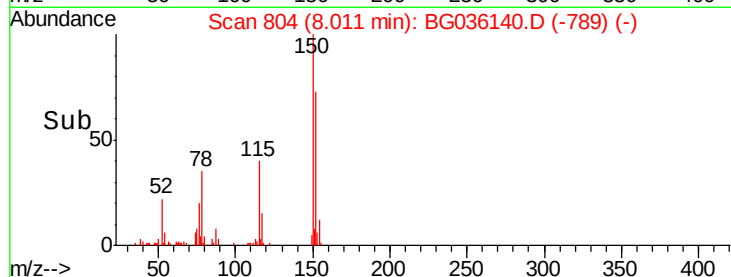
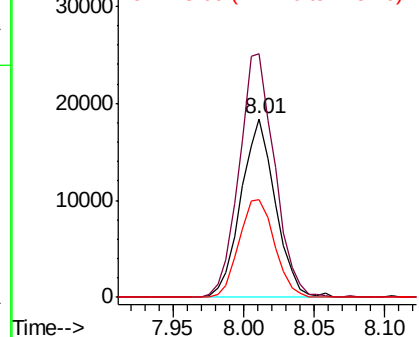


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

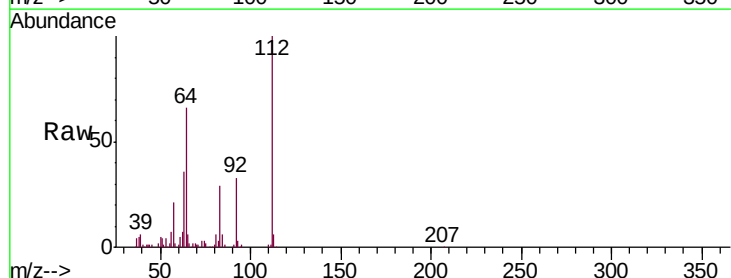
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.671 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.3	84.5
63	35.9	30.1	45.1

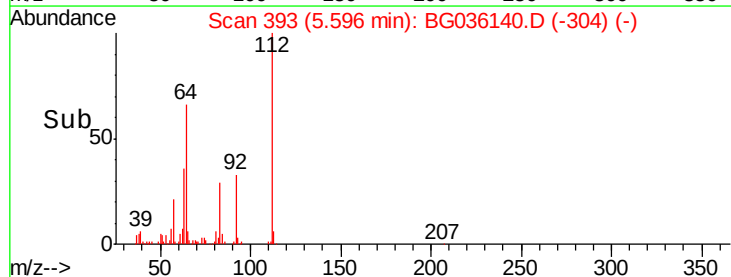
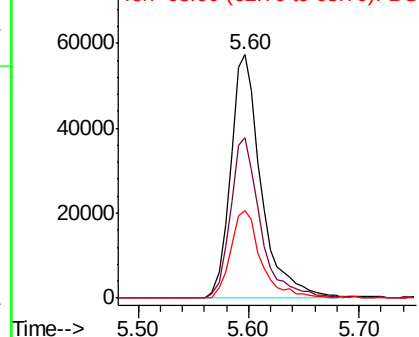


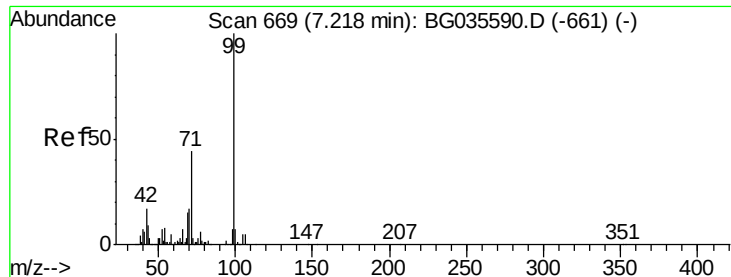
Abundance

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: 34.086 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036140.D

Acq: 6 Aug 2018 23:22

Instrument :

BNA_G

ClientSampleId :

MW-28

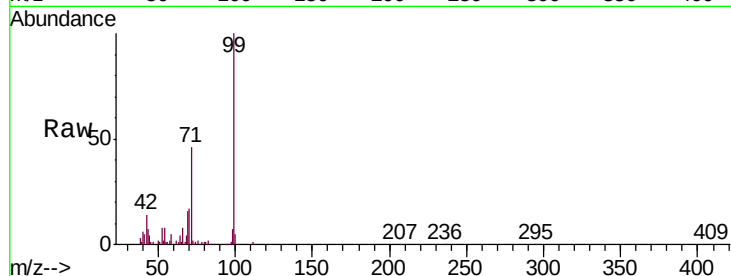
Tgt Ion: 99 Resp: 96046

Ion Ratio Lower Upper

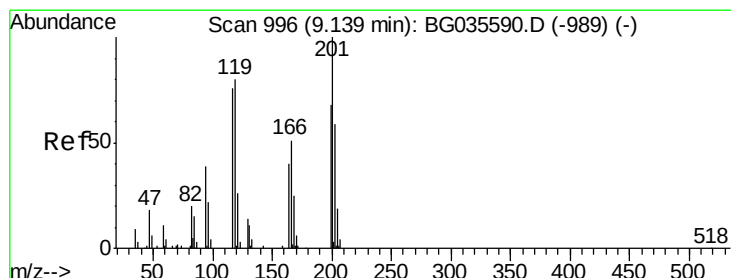
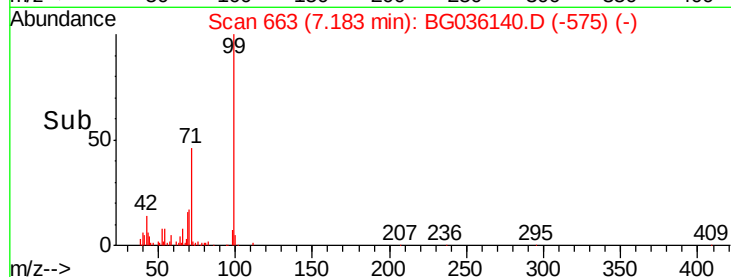
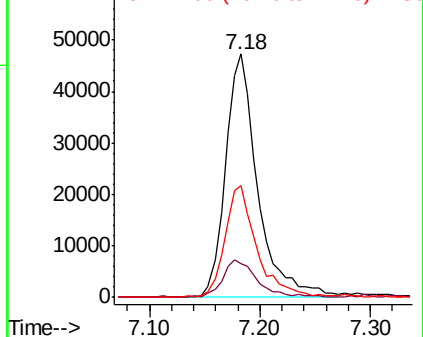
99 100

42 13.6 14.1 21.1#

71 46.1 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



#18

Hexachloroethane

Concen: 4.015 ng

RT: 9.12 min Scan# 993

Delta R.T. 0.02 min

Lab File: BG036140.D

Acq: 6 Aug 2018 23:22

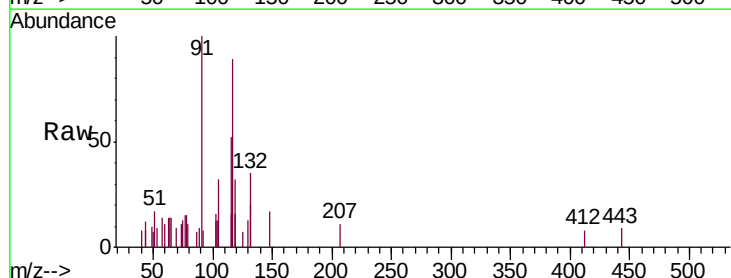
Tgt Ion: 117 Resp: 3618

Ion Ratio Lower Upper

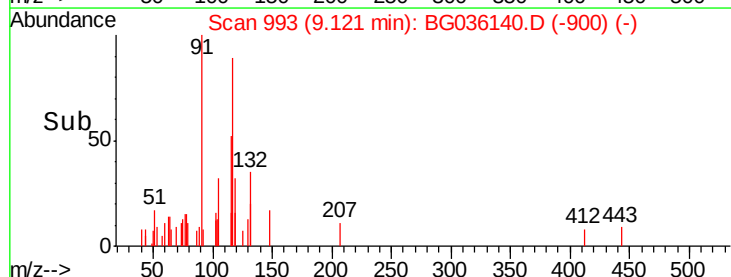
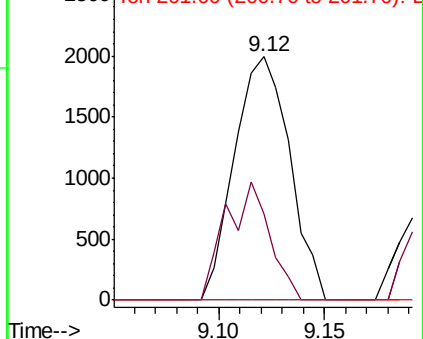
117 100

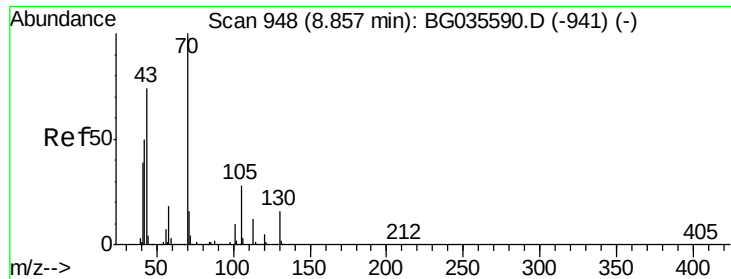
119 35.5 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

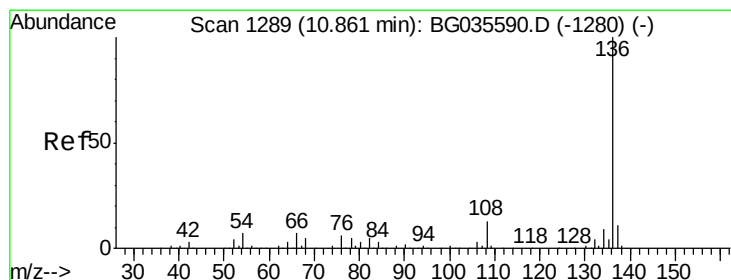
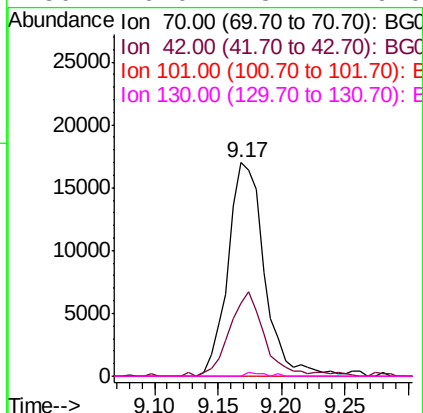
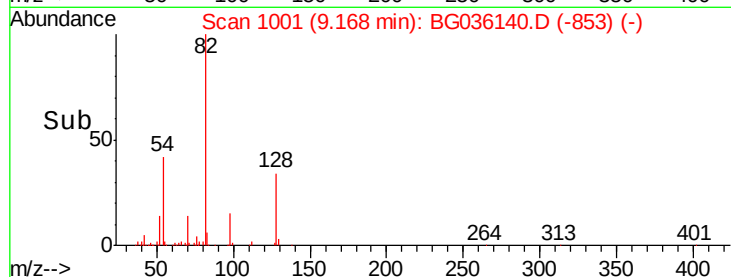
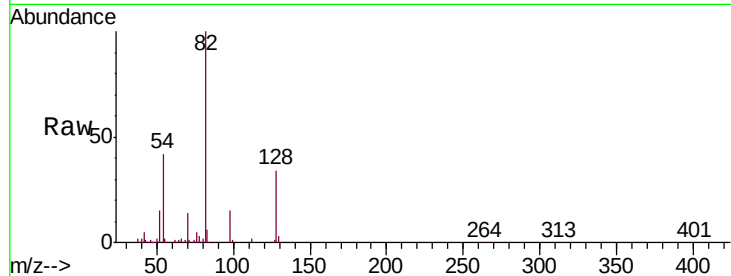




#19
n-Nitroso-di-n-propylamine
Concen: 14.201 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

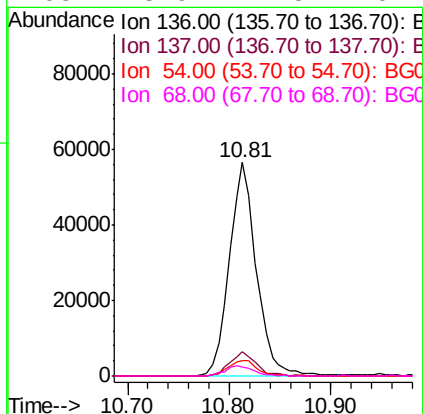
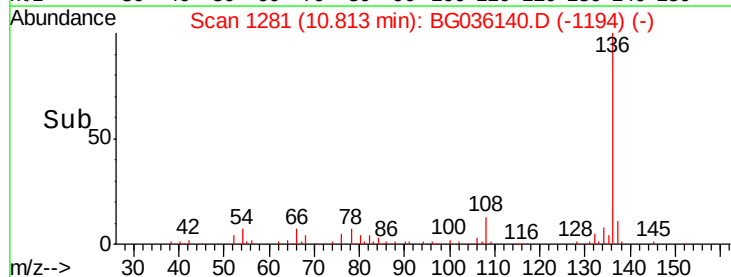
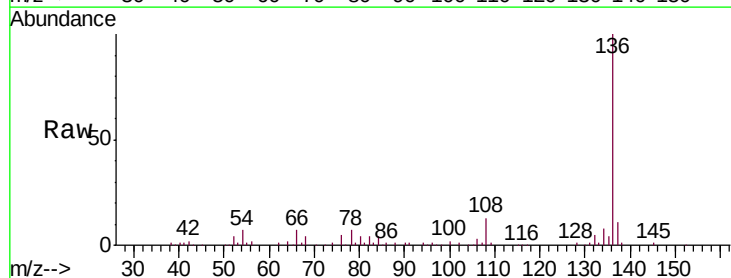
Instrument :
BNA_G
ClientSampled :
MW-28

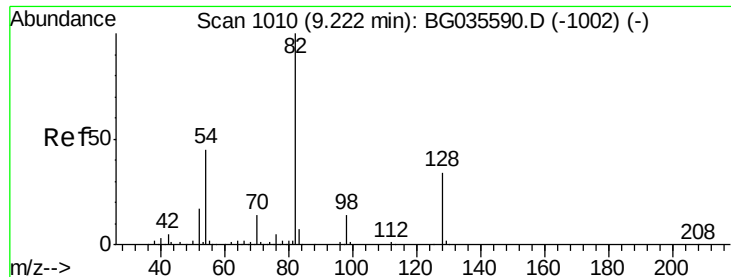
Tgt Ion: 70 Resp: 33696
Ion Ratio Lower Upper
70 100
42 34.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Tgt Ion: 136 Resp: 104648
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.2 10.3 15.5#
68 3.9 4.5 6.7#

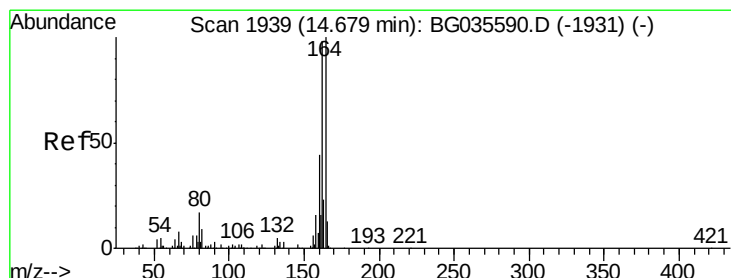
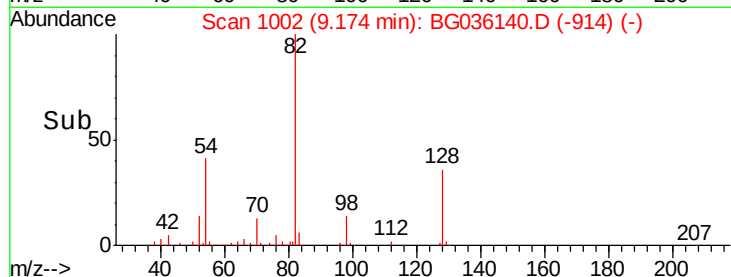
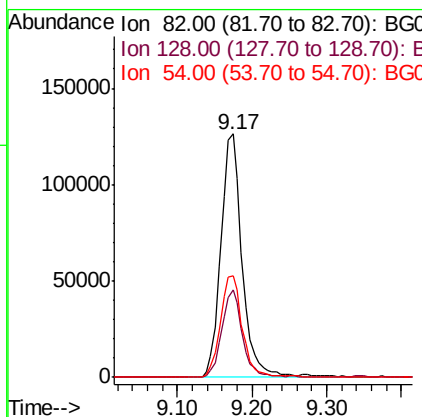
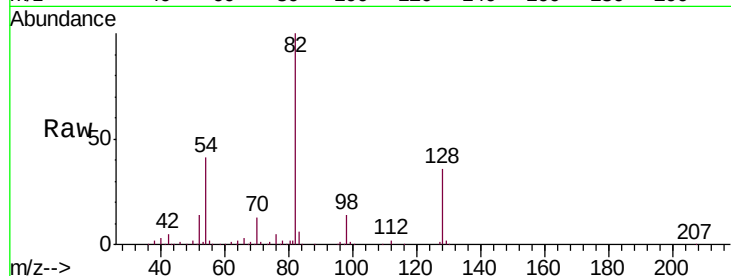




#23
 Nitrobenzene-d5
 Concen: 100.278 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

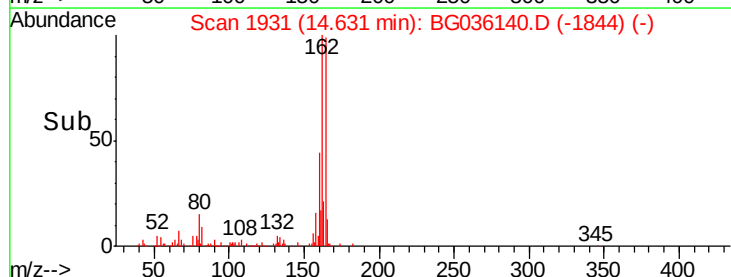
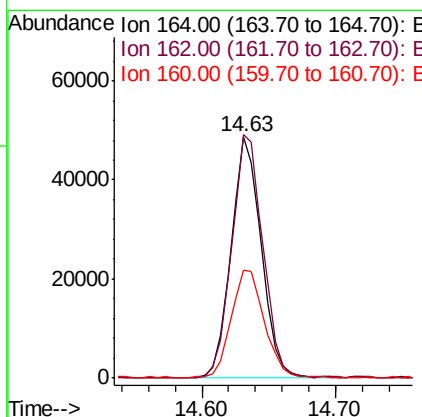
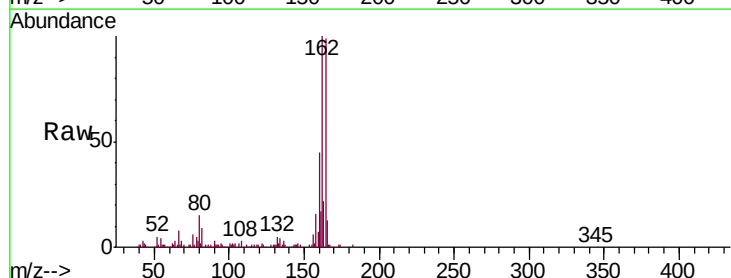
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

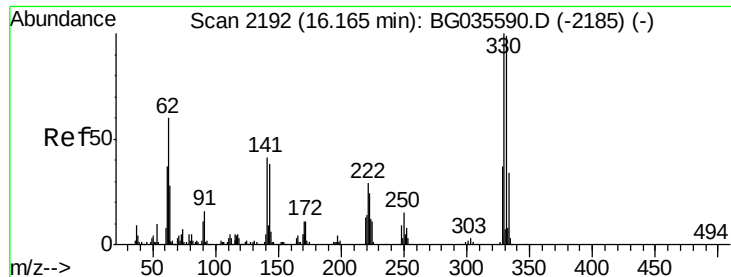
Tgt Ion: 82 Resp: 251203
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

Tgt Ion: 164 Resp: 76639
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 45.0 35.4 53.0

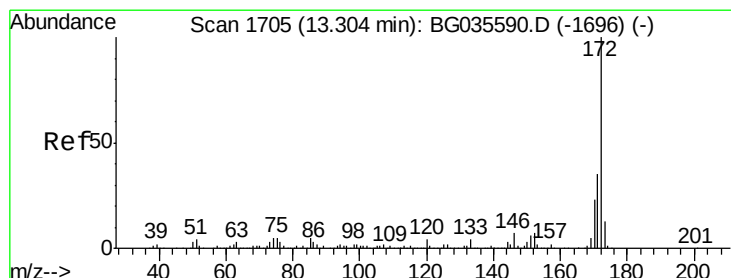
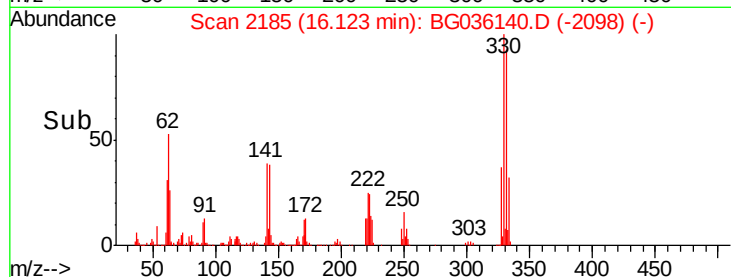
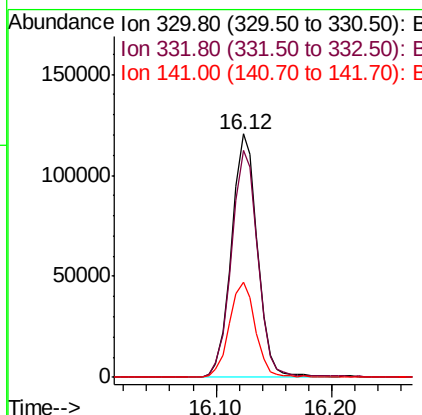
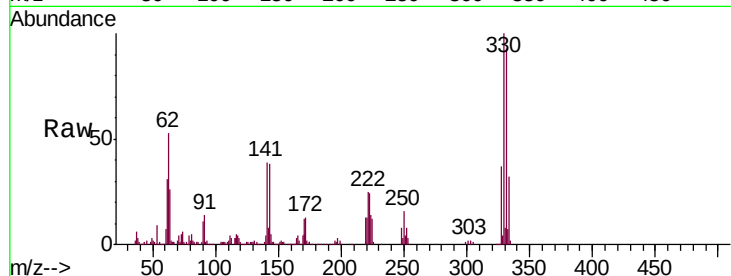




#41
 2,4,6-Tribromophenol
 Concen: 186.451 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

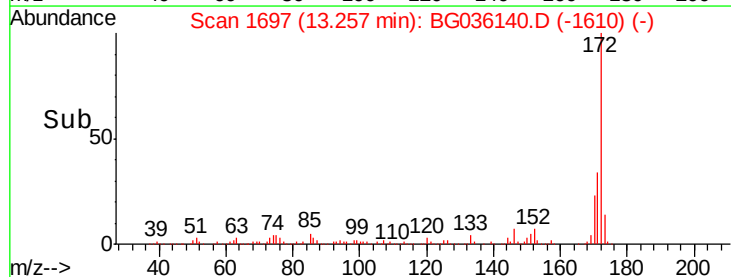
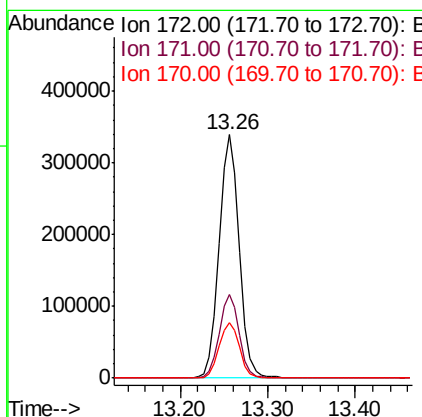
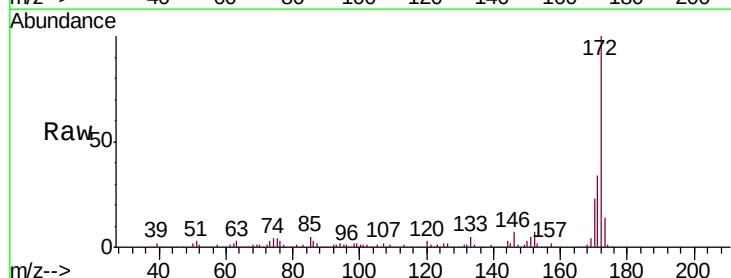
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

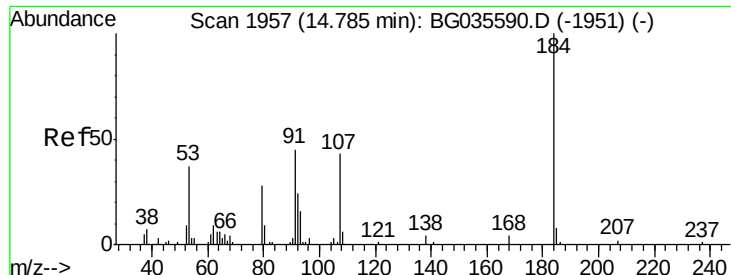
Tgt Ion:330 Resp: 188344
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 39.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.443 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

Tgt Ion:172 Resp: 540254
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.0 19.5 29.3

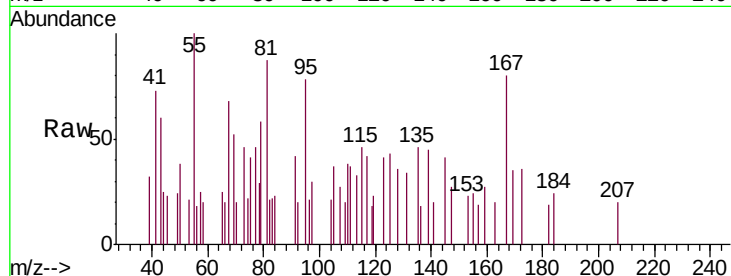




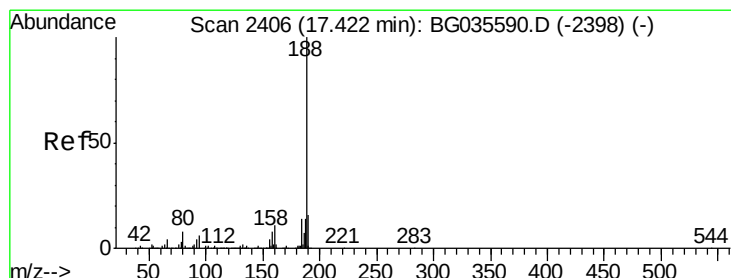
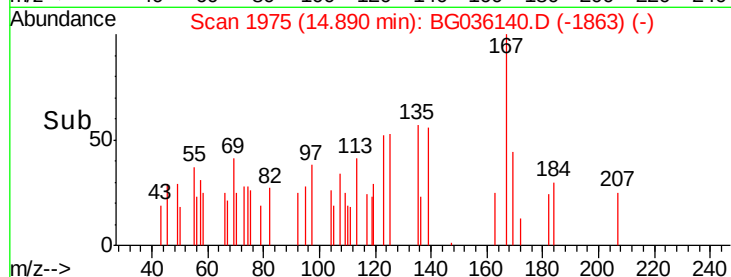
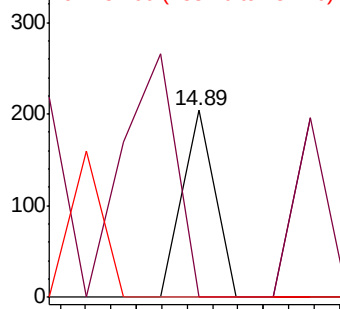
#53
 2,4-Dinitrophenol
 Concen: 6.676 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. 0.13 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

Instrument :
 BNA_G
 ClientSampled :
 MW-28

Tgt Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

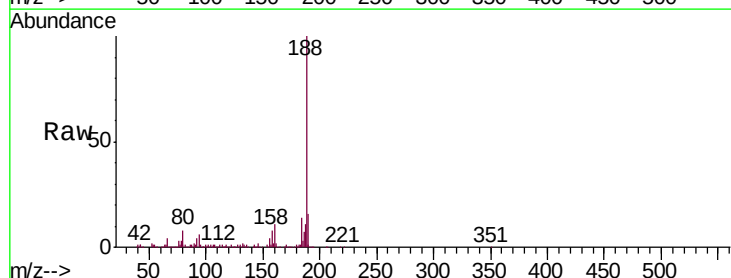


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

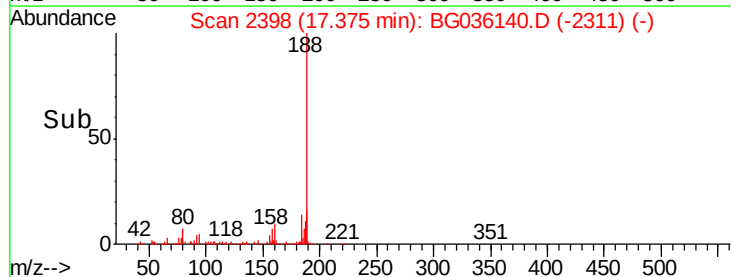
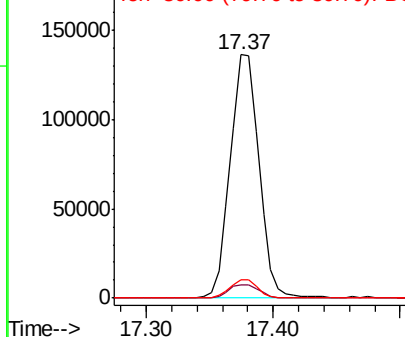


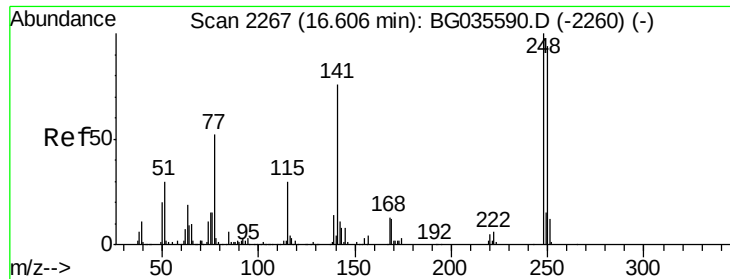
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036140.D
 Acq: 6 Aug 2018 23:22

Tgt Ion:188 Resp: 213943
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.6 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

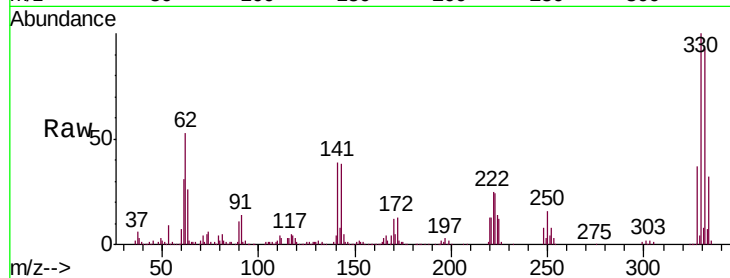




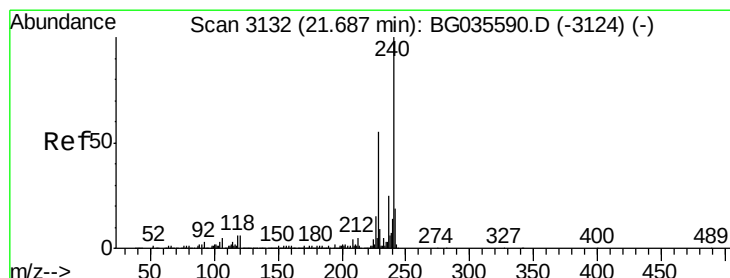
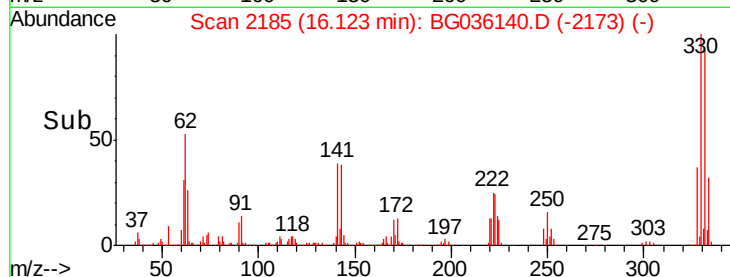
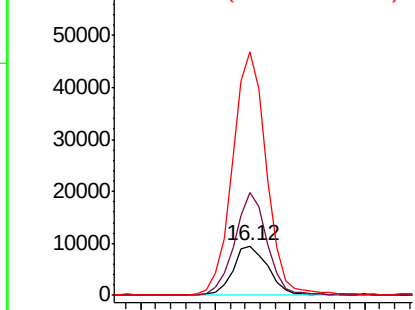
#66
4-Bromophenyl-phenylether
Concen: 6.302 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:248 Resp: 15643
Ion Ratio Lower Upper
248 100
250 209.9 77.1 115.7#
141 494.8 50.8 76.2#

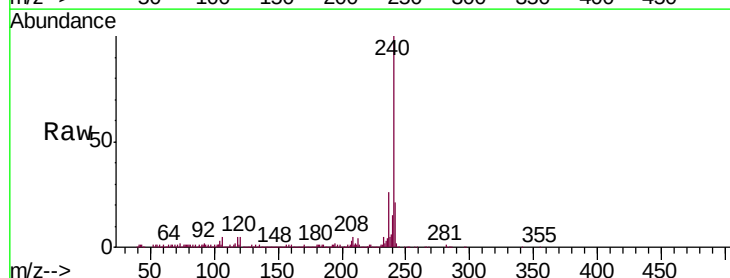


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

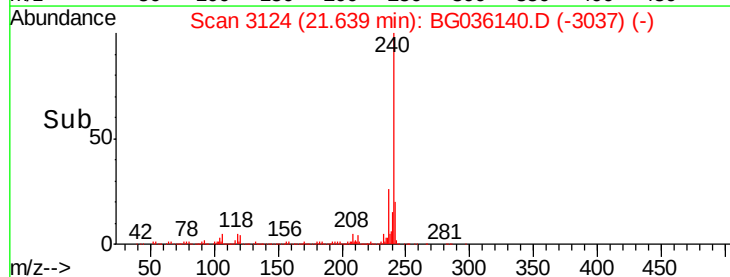
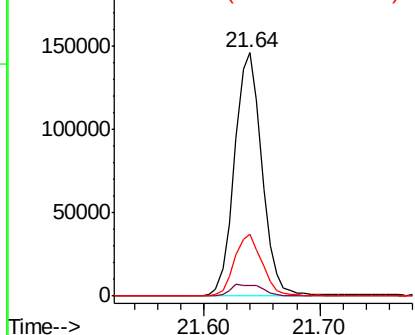


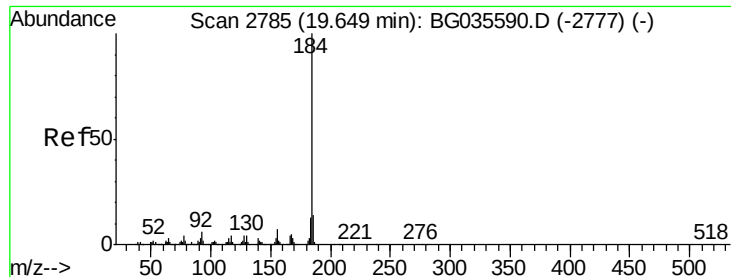
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Tgt Ion:240 Resp: 240366
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 25.6 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: 3.317 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036140.D

Acq: 6 Aug 2018 23:22

Instrument :

BNA_G

ClientSampleId :

MW-28

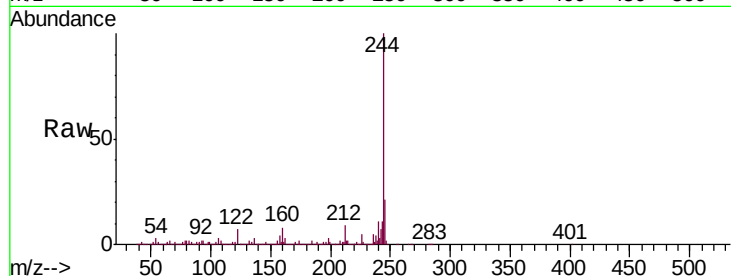
Tgt Ion:184 Resp: 20961

Ion Ratio Lower Upper

184 100

185 19.6 11.1 16.7#

183 11.3 10.6 16.0

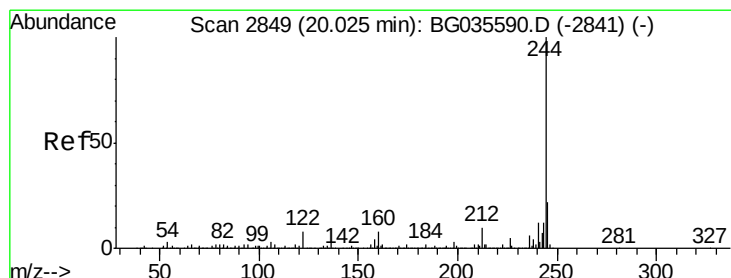
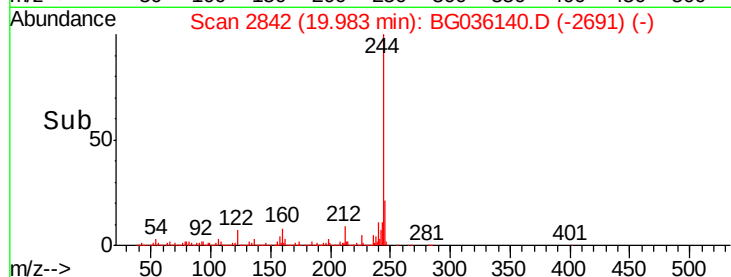
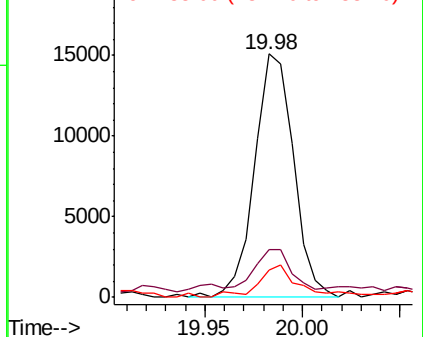


Abundance

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: 101.006 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036140.D

Acq: 6 Aug 2018 23:22

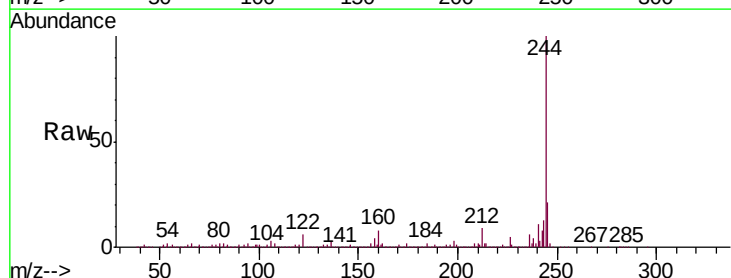
Tgt Ion:244 Resp: 1101412

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.3 7.0 10.4#

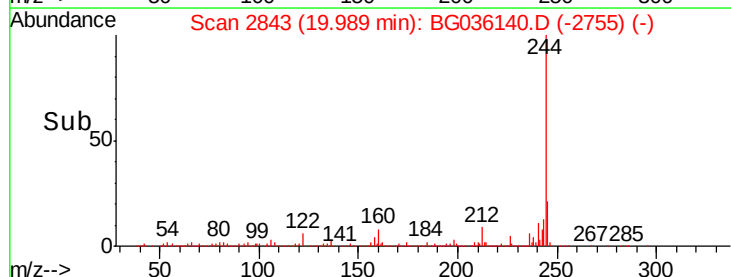
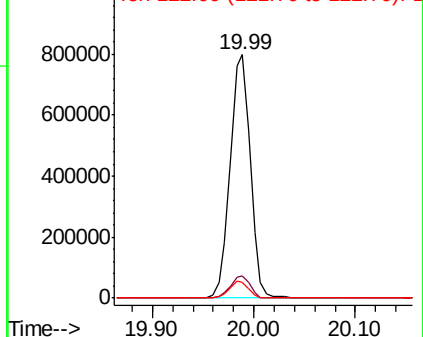


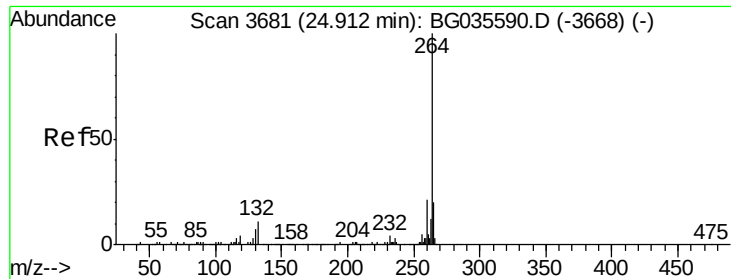
Abundance

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: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036140.D
Acq: 6 Aug 2018 23:22

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.8	17.7	26.5

