

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036217.D
 Acq On : 9 Aug 2018 4:35
 Operator : JU/SJ
 Sample : J4275-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Quant Time: Aug 09 07:39:29 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

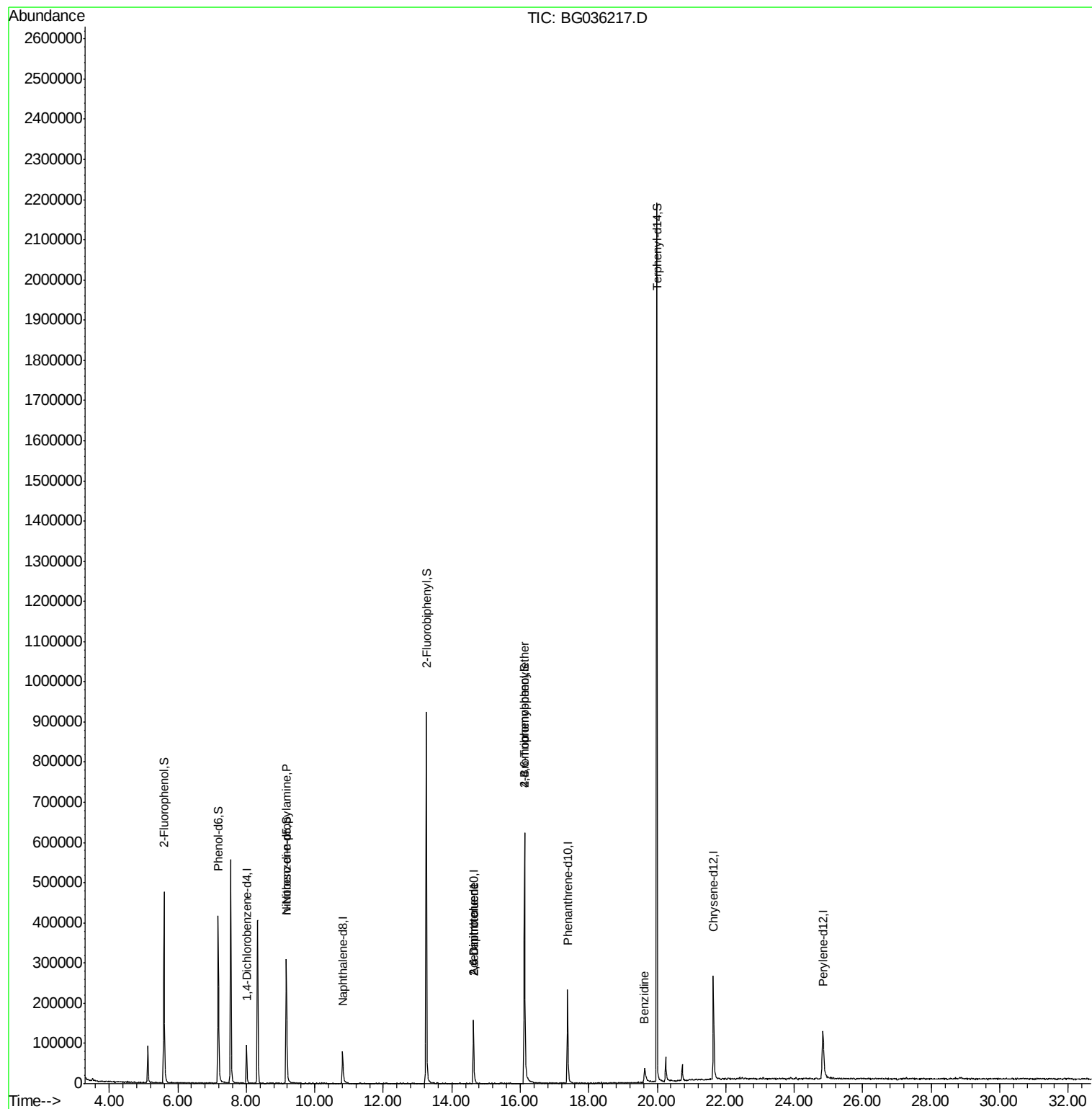
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26707	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	85771	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	63070	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	183412	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	205645	20.00	ng	-0.02
86) Perylene-d12	24.83	264	181935	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	216218	134.41	ng	0.00
7) Phenol-d6	7.18	99	269802	112.41	ng	-0.01
23) Nitrobenzene-d5	9.17	82	233237	113.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	140416	168.91	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	534279	113.49	ng	-0.02
78) Terphenyl-d14	19.99	244	1110446	119.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	32238	15.951	ng	# 68
50) 2,6-Dinitrotoluene	14.63	165	9210	8.185	ng	# 21
56) 2,4-Dinitrotoluene	14.63	165	9210	5.705	ng	# 19
66) 4-Bromophenyl-phenylether	16.12	248	10900	5.122	ng	# 1
76) Benzidine	19.64	184	54480	10.077	ng	# 93

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

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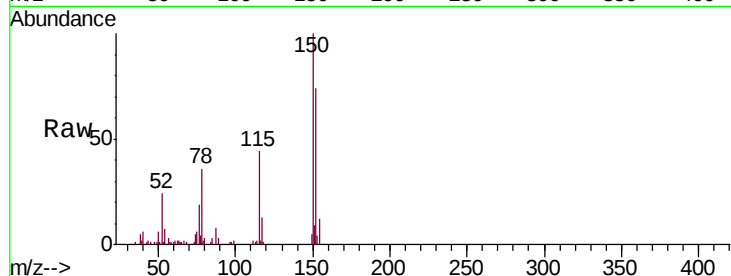


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	60.3	53.0	79.4

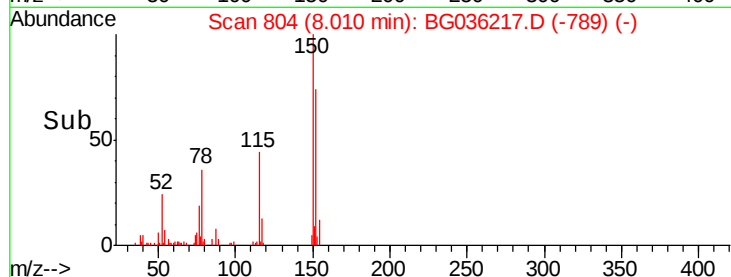
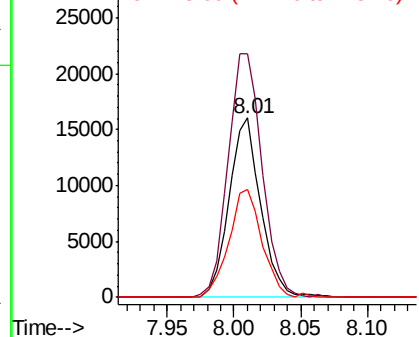


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

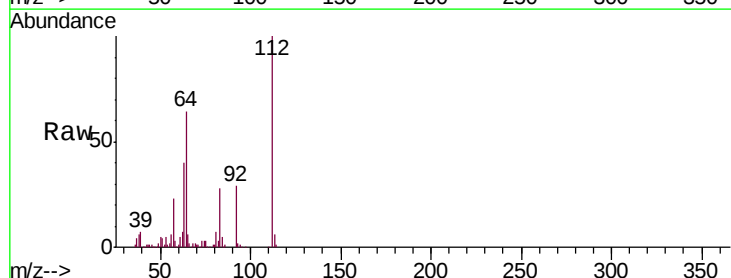
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.411 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	39.7	30.1	45.1

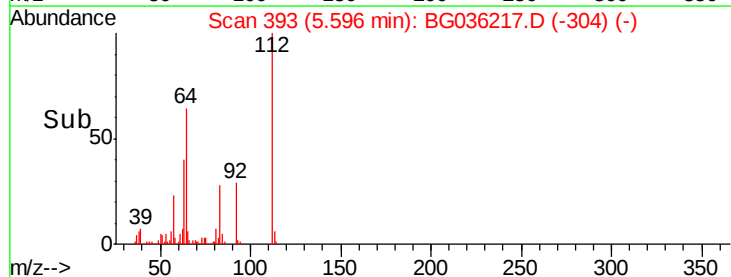
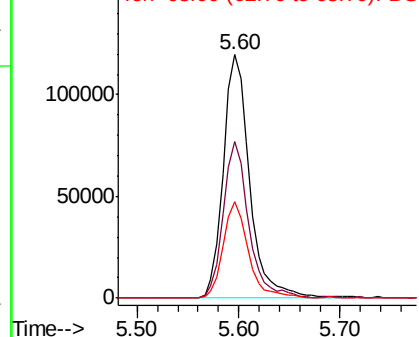


Abundance

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: 112.415 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-A

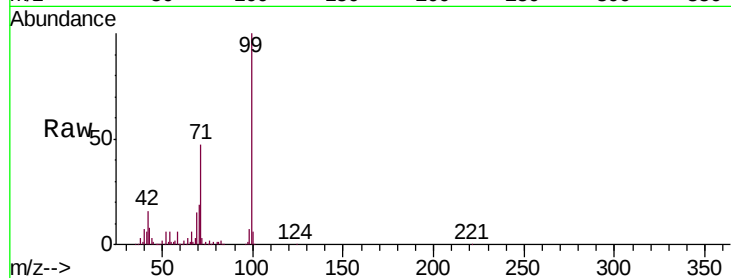
Tgt Ion: 99 Resp: 269802

Ion Ratio Lower Upper

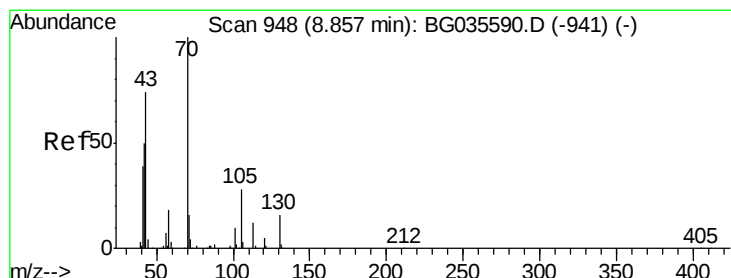
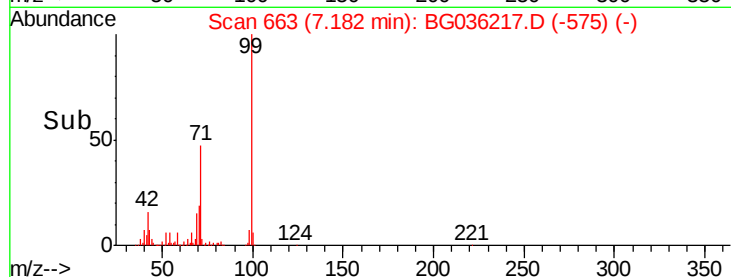
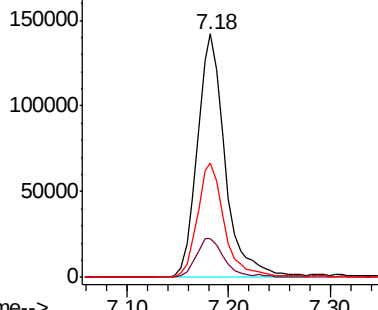
99 100

42 15.8 14.1 21.1

71 46.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.951 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Tgt Ion: 70 Resp: 32238

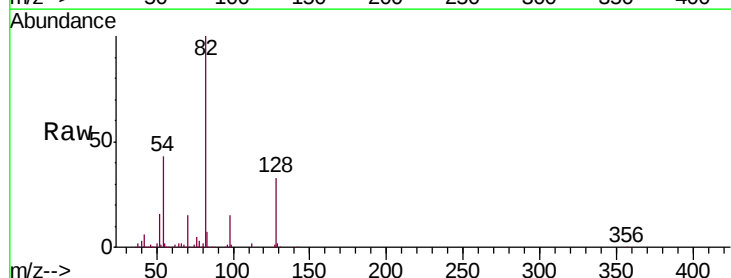
Ion Ratio Lower Upper

70 100

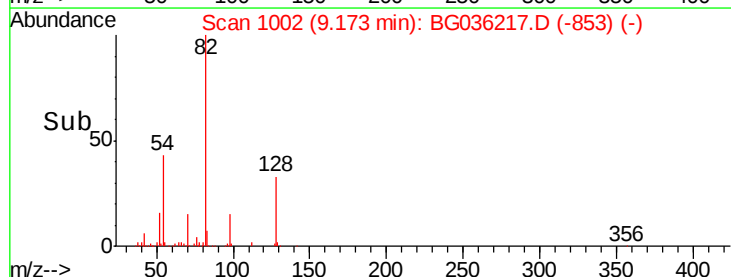
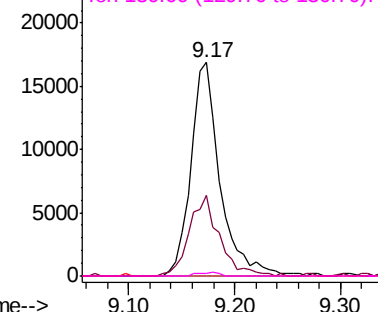
42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

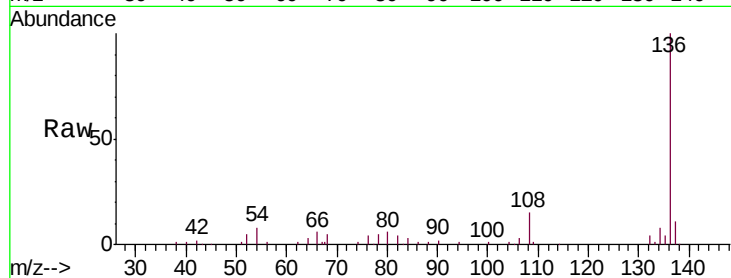




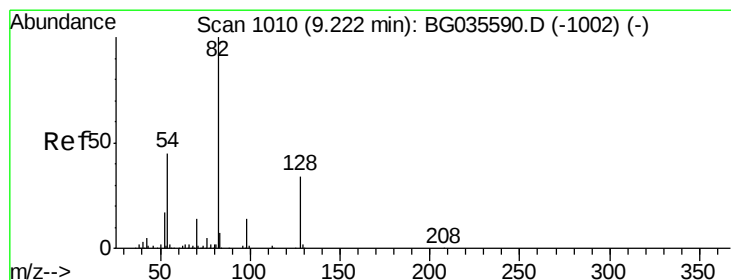
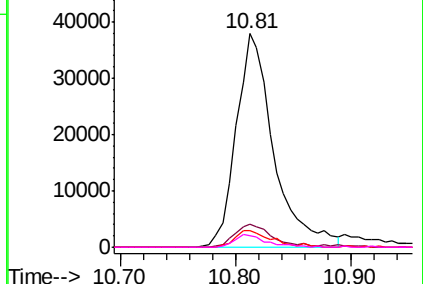
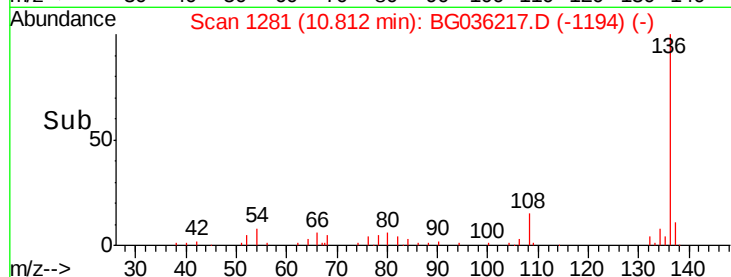
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-A

Tgt Ion:	136	Resp:	85771
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.0	10.3	15.5
68	5.3	4.5	6.7

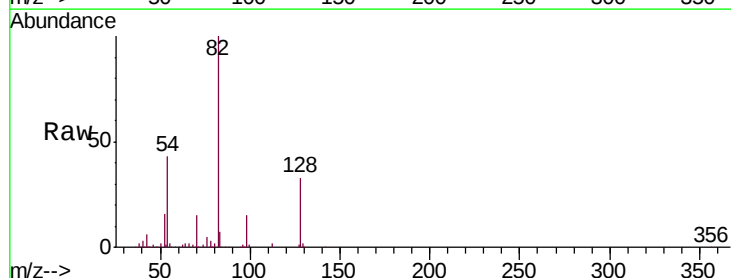


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

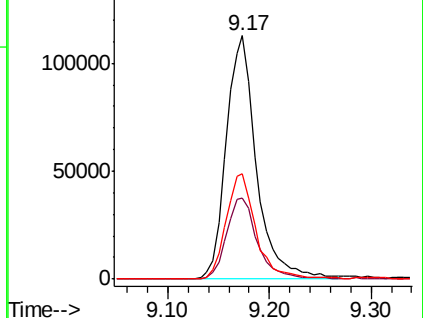
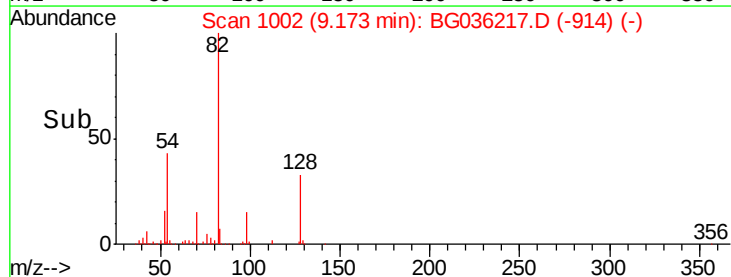


#23
Nitrobenzene-d5
Concen: 113.598 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Tgt Ion:	82	Resp:	233237
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	43.4	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-A

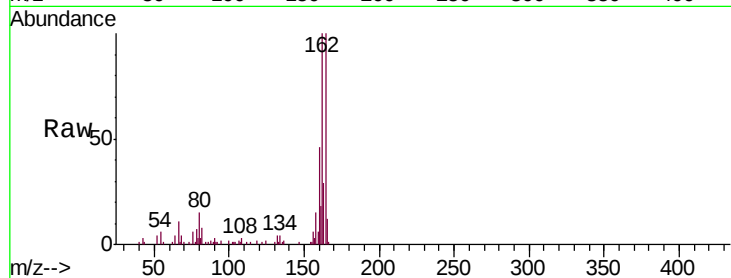
Tgt Ion:164 Resp: 63070

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

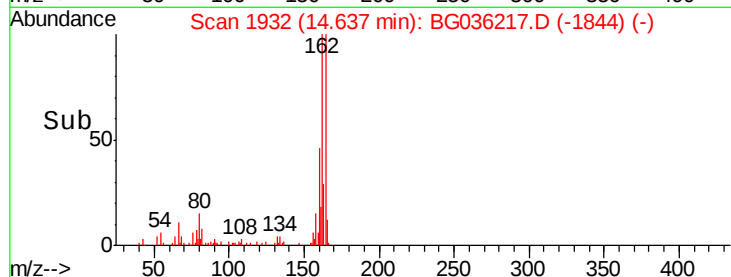
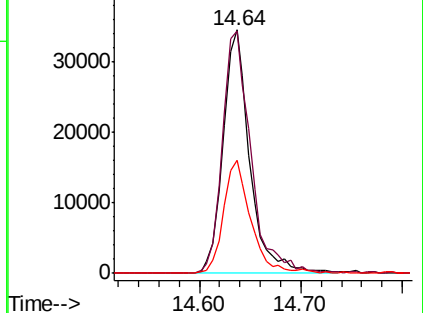
160 46.2 35.4 53.0



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: 168.911 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

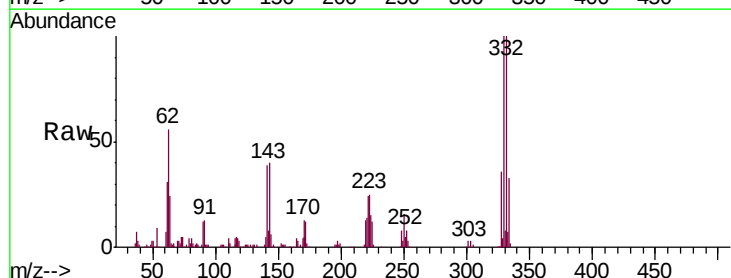
Tgt Ion:330 Resp: 140416

Ion Ratio Lower Upper

330 100

332 99.6 77.0 115.6

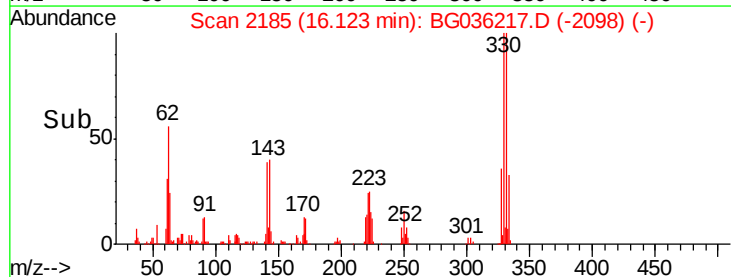
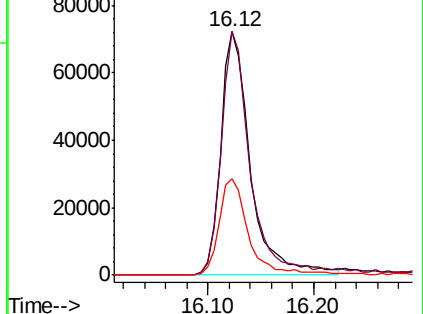
141 40.0 25.2 37.8#

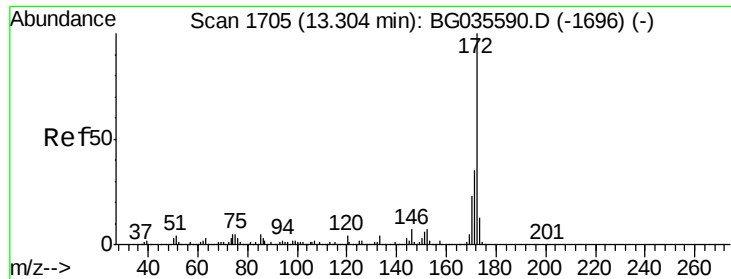


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

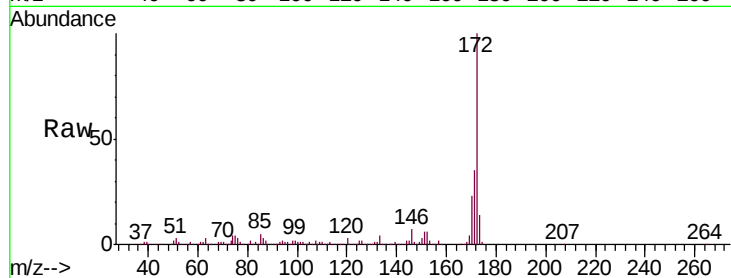




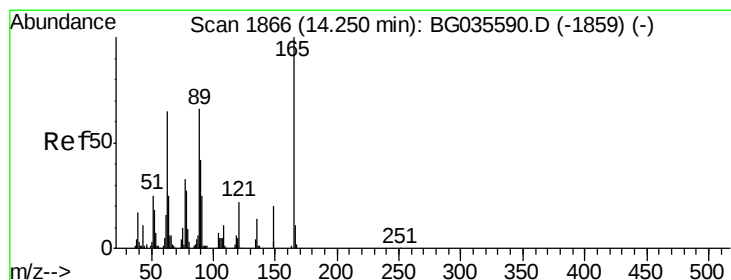
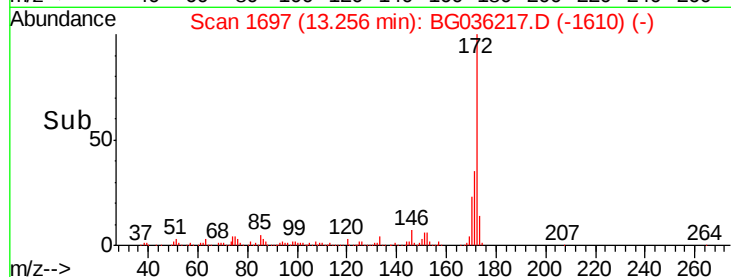
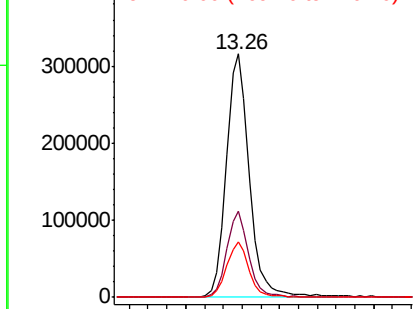
#44
 2-Fluorobiphenyl
 Concen: 113.492 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Tgt Ion:172 Resp: 534279
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.0 19.5 29.3

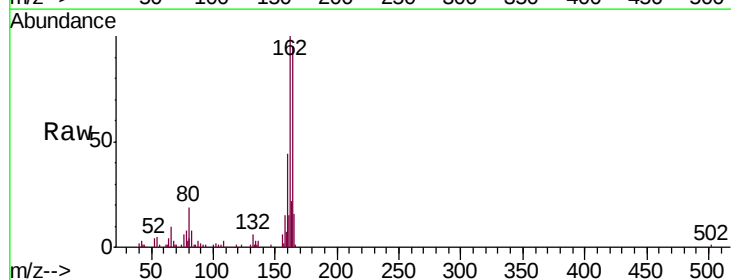


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

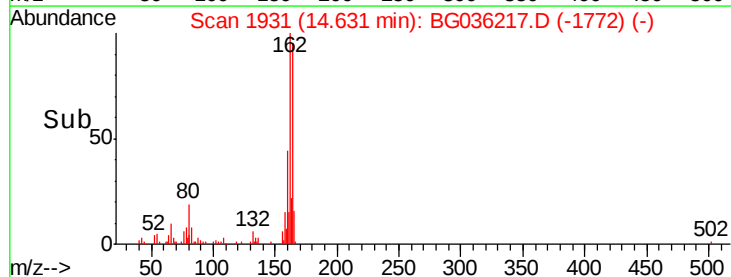
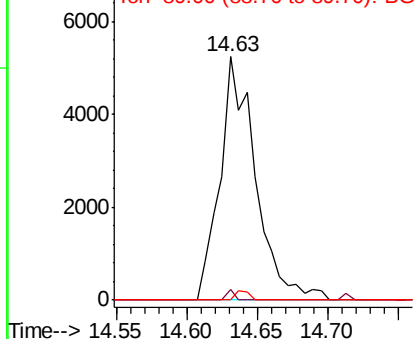


#50
 2,6-Dinitrotoluene
 Concen: 8.185 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Tgt Ion:165 Resp: 9210
 Ion Ratio Lower Upper
 165 100
 63 4.6 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

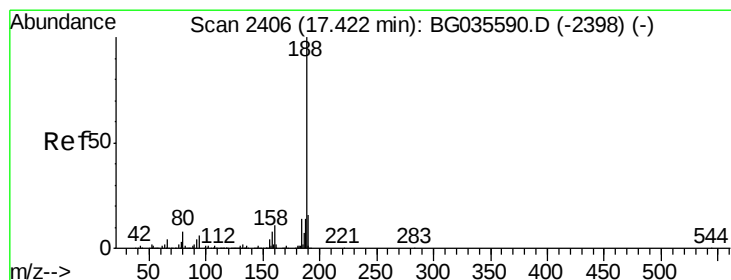
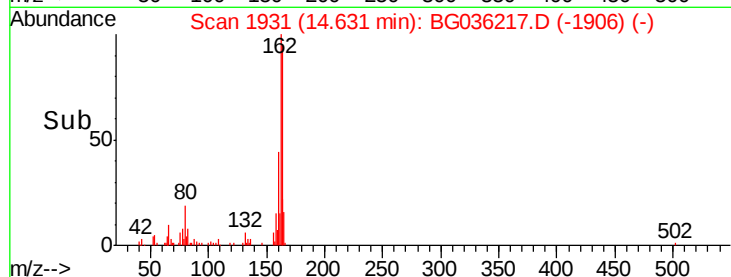
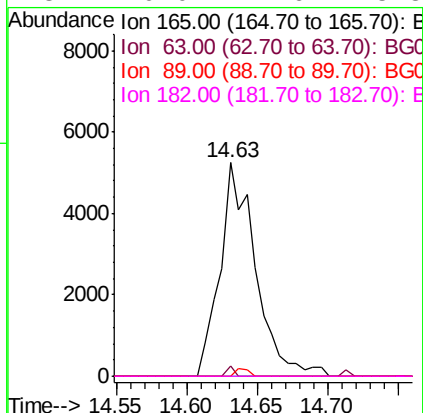
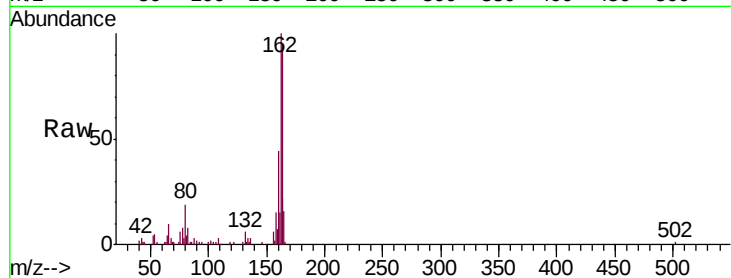




#56
 2,4-Dinitrotoluene
 Concen: 5.705 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

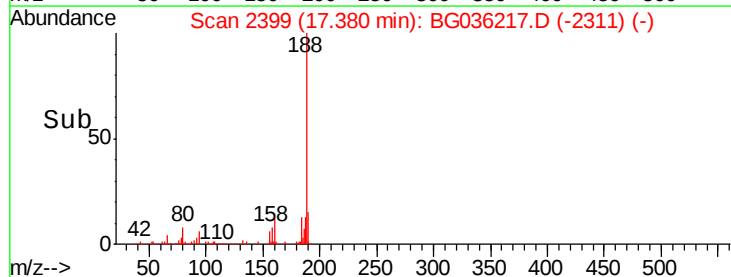
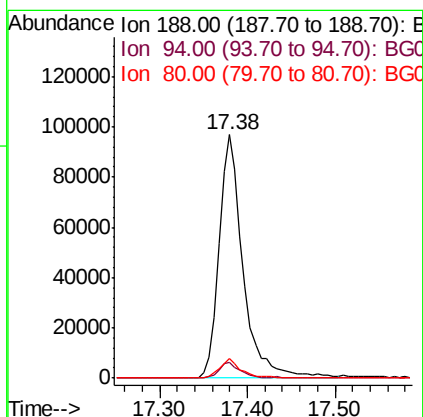
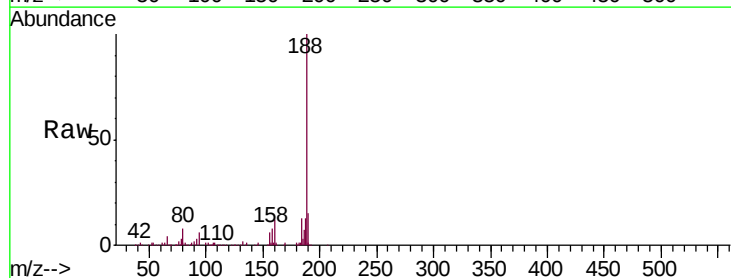
Instrument :
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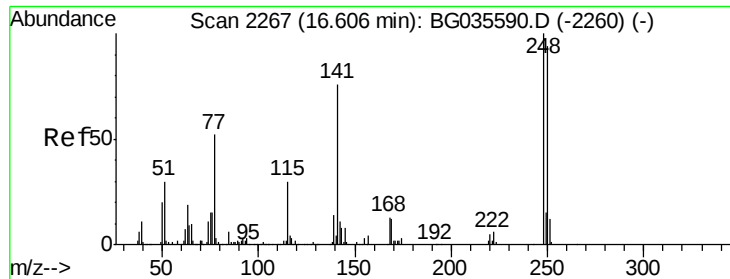
Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.8	7.7	11.5

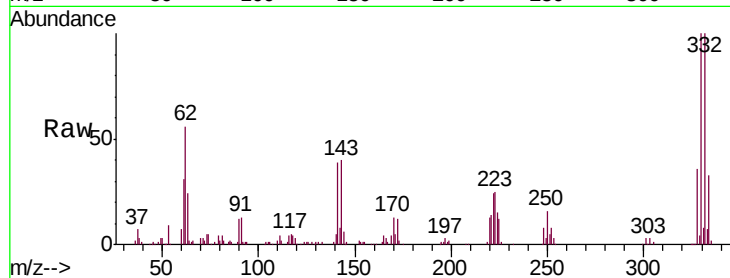




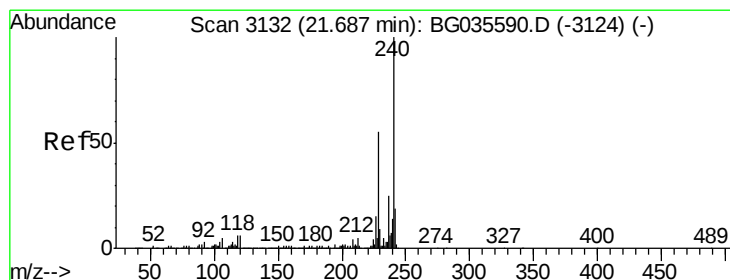
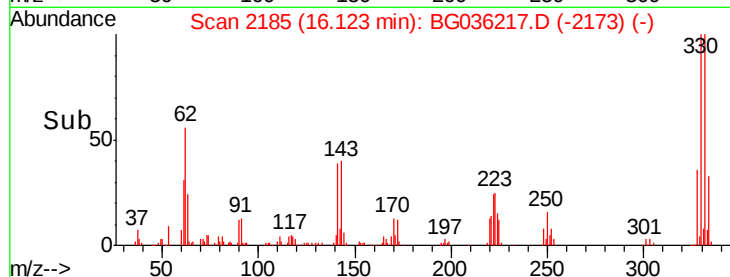
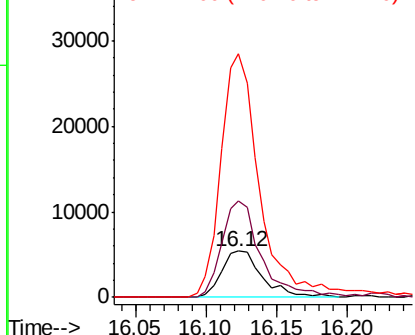
#66
 4-Bromophenyl-phenylether
 Concen: 5.122 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-A

Tgt Ion: 248 Resp: 10900
 Ion Ratio Lower Upper
 248 100
 250 206.5 77.1 115.7#
 141 524.2 50.8 76.2#

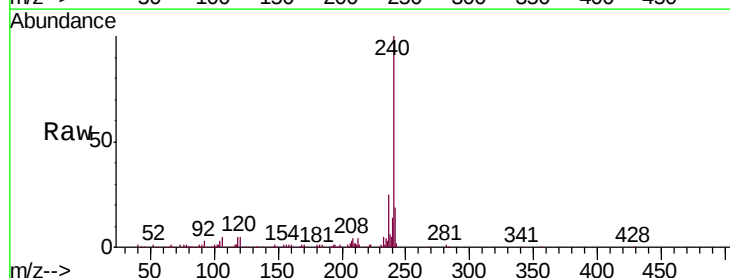


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

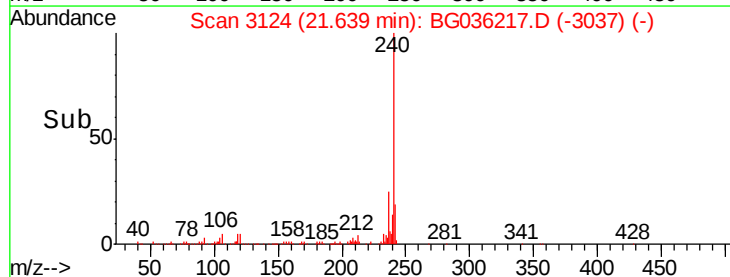
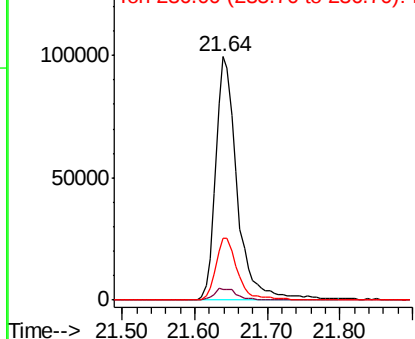


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036217.D
 Acq: 9 Aug 2018 4:35

Tgt Ion: 240 Resp: 205645
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 25.3 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: 10.077 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-A

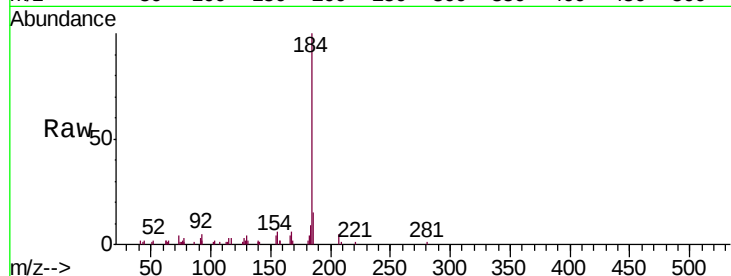
Tgt Ion:184 Resp: 54480

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

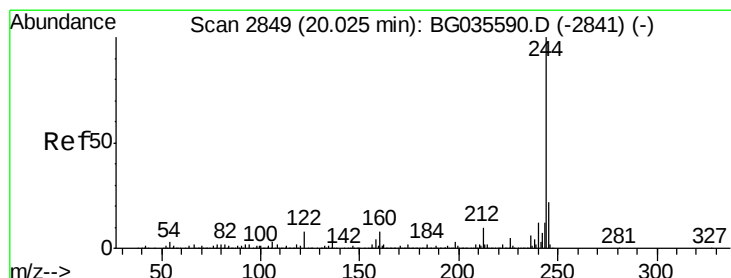
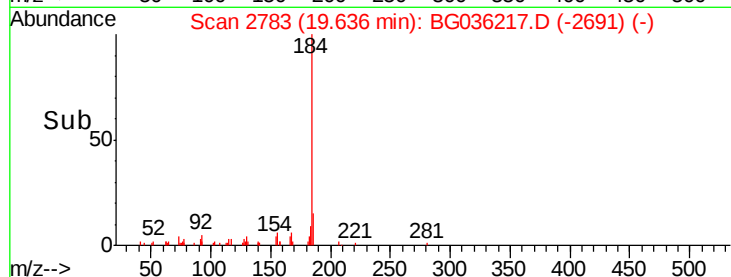
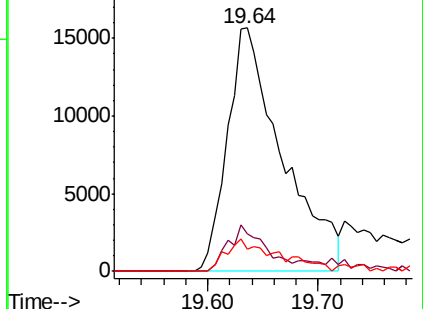
183 9.3 10.6 16.0#



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: 119.028 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036217.D

Acq: 9 Aug 2018 4:35

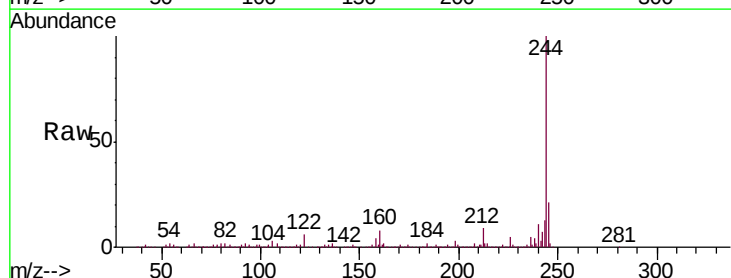
Tgt Ion:244 Resp: 1110446

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

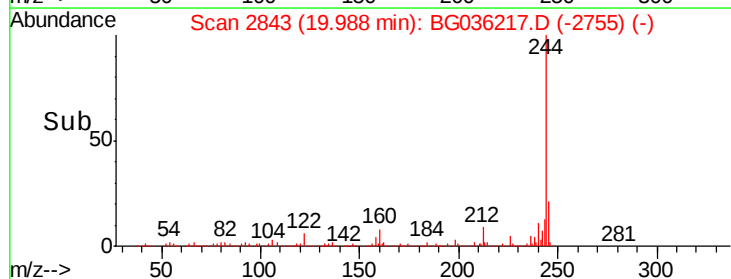
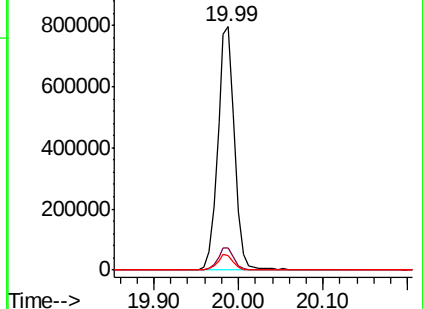
122 5.9 7.0 10.4#

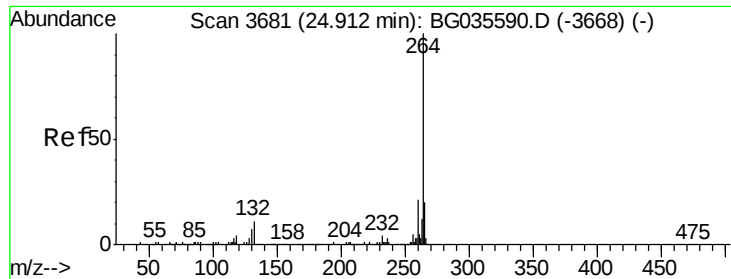


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3668
Delta R.T. -0.03 min
Lab File: BG036217.D
Acq: 9 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.0	17.4	26.0
265	21.4	17.7	26.5

