

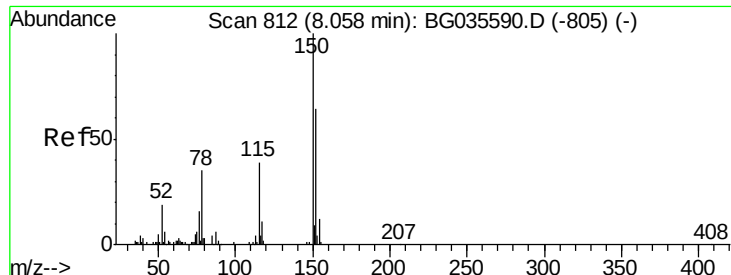
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036216.D
 Acq On : 9 Aug 2018 3:55
 Operator : JU/SJ
 Sample : J4276-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 09 07:39:15 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	28886	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	99132	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	71631	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	198693	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	215269	20.00	ng	-0.01
86) Perylene-d12	24.84	264	192297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233976	134.48	ng	0.00
7) Phenol-d6	7.18	99	295437	113.81	ng	-0.01
23) Nitrobenzene-d5	9.17	82	248951	104.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	168284	178.24	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	570222	106.65	ng	-0.02
78) Terphenyl-d14	19.99	244	1158504	118.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34366	15.721	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	10212	7.991	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	10212	5.570	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	13009	5.643	ng	# 1
76) Benzidine	19.65	184	15896	2.809	ng	# 95

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

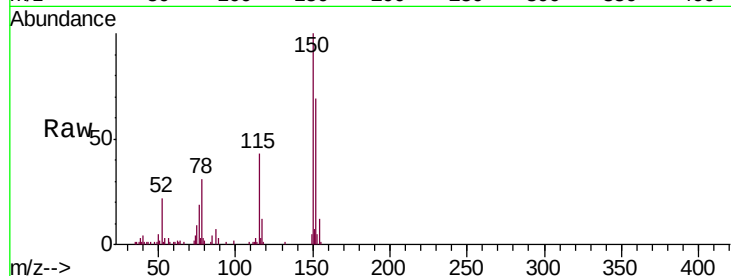


#1

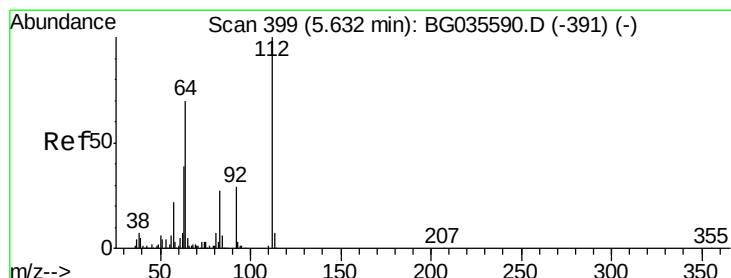
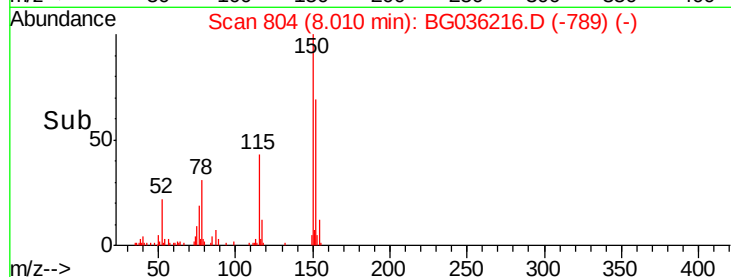
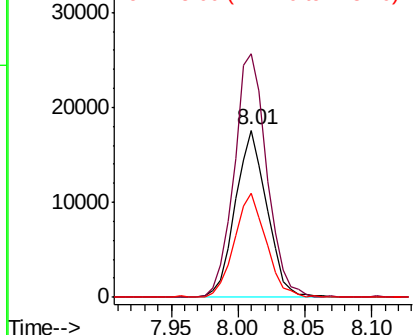
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	62.6	53.0	79.4



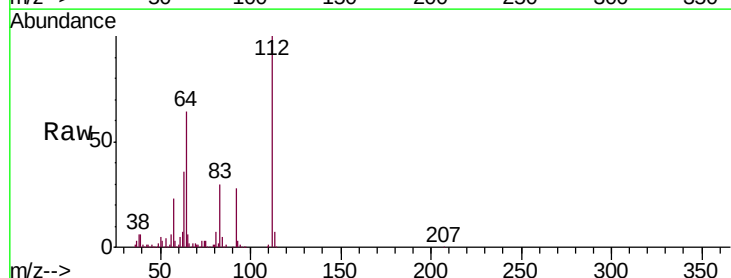
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



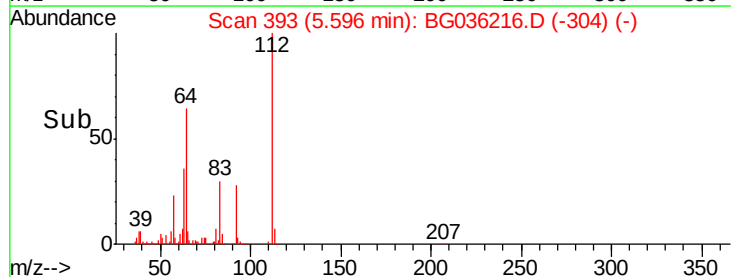
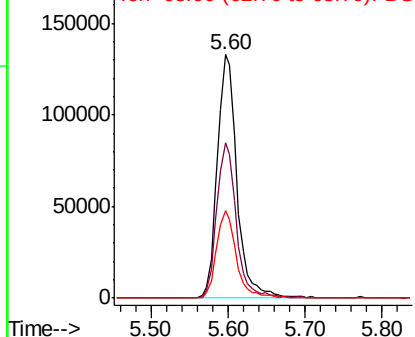
#5

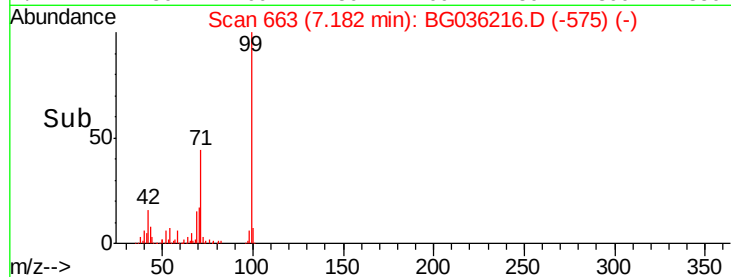
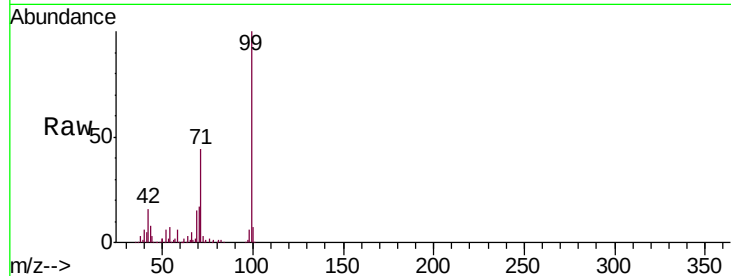
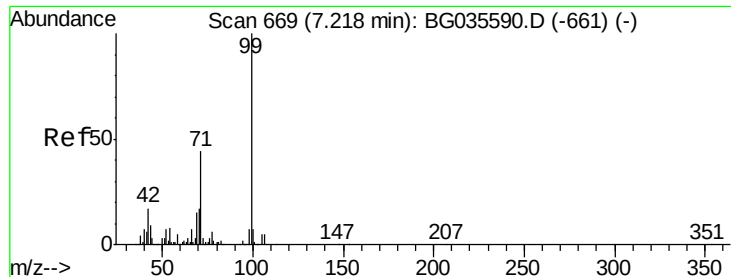
2-Fluorophenol
Concen: 134.479 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.3	84.5
63	36.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.810 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleId :

DFTPP

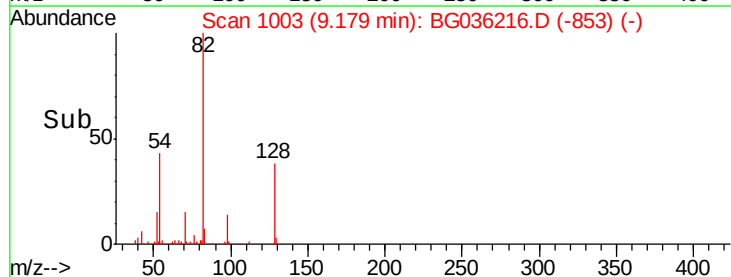
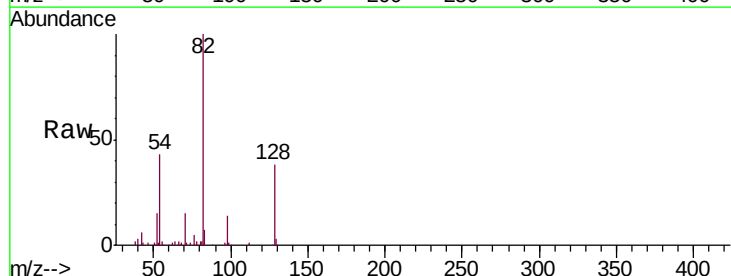
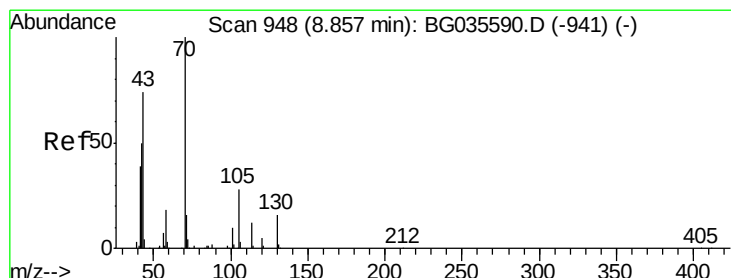
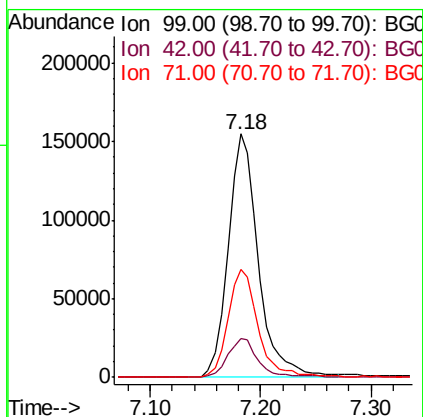
Tgt Ion: 99 Resp: 295437

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 44.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.721 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Tgt Ion: 70 Resp: 34366

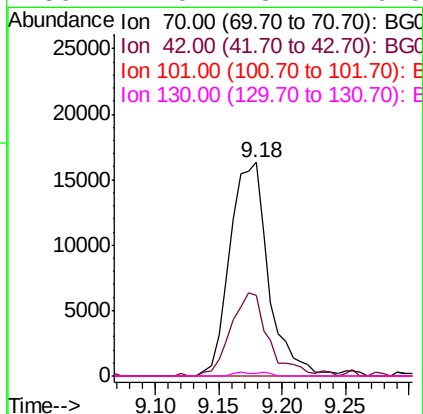
Ion Ratio Lower Upper

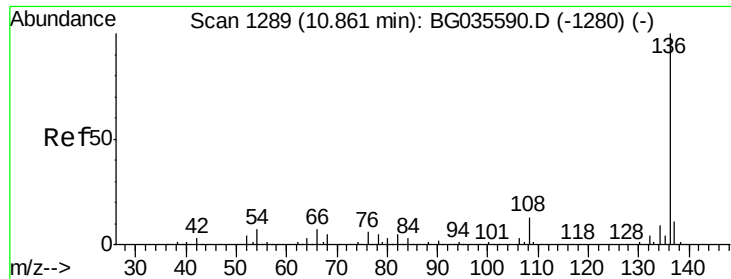
70 100

42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#

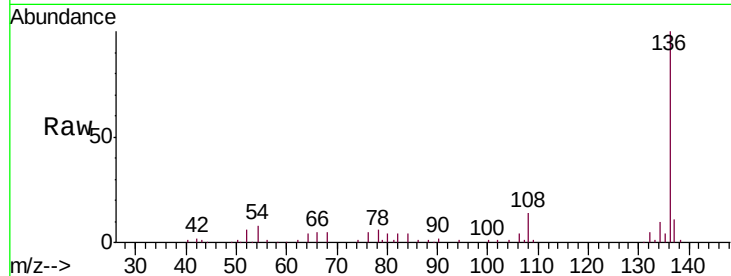




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.5	10.3	15.5
68	5.2	4.5	6.7



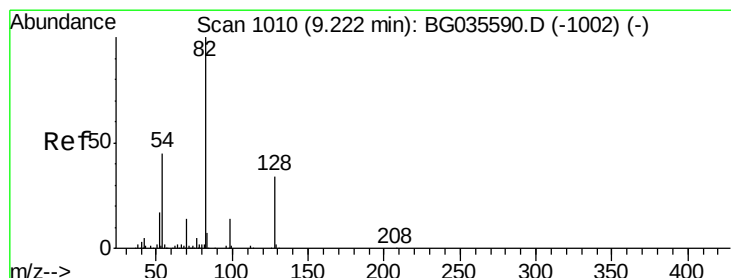
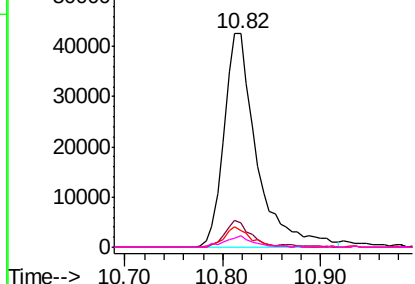
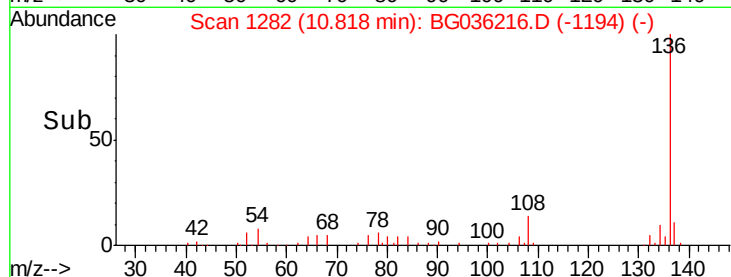
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

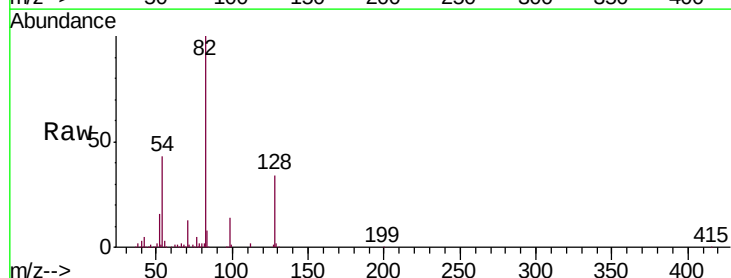
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 104.909 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.8	43.1	64.7

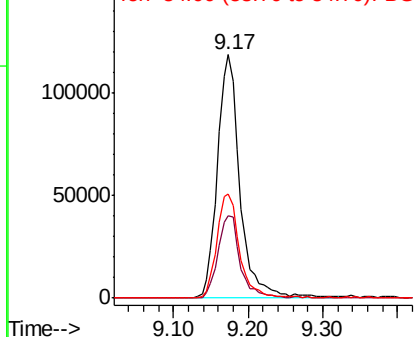
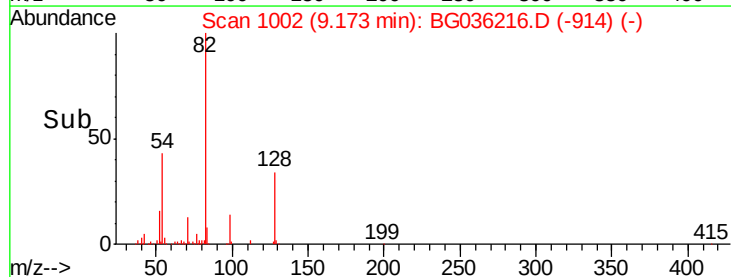


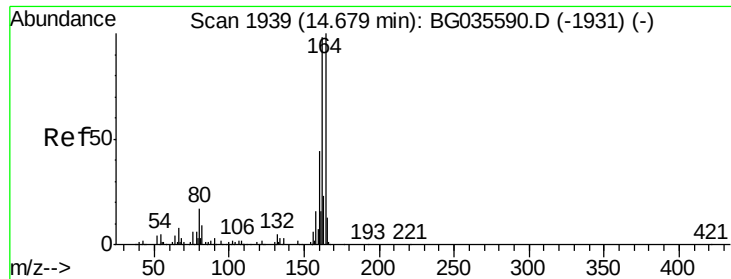
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleId :

DFTPP

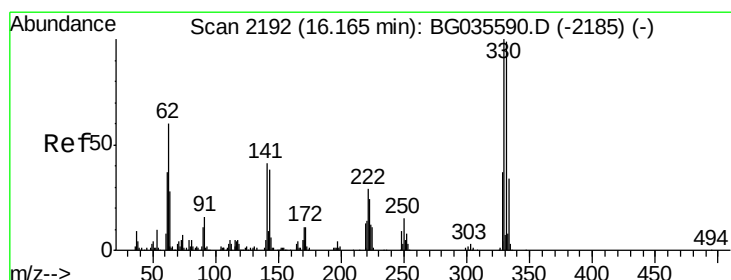
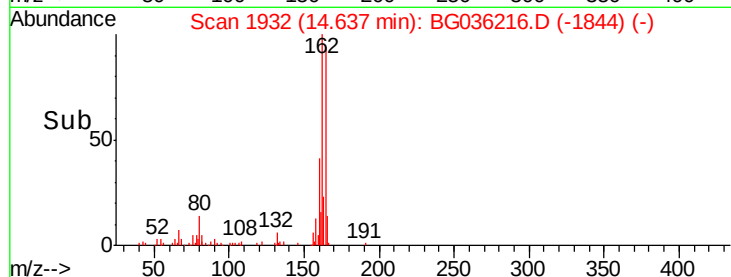
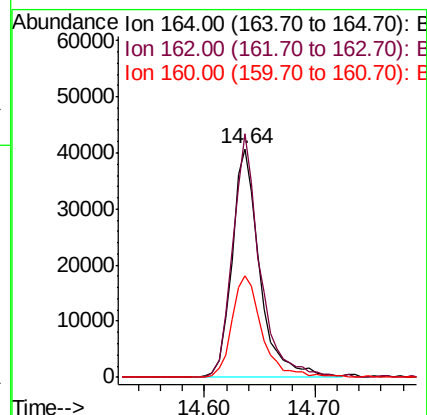
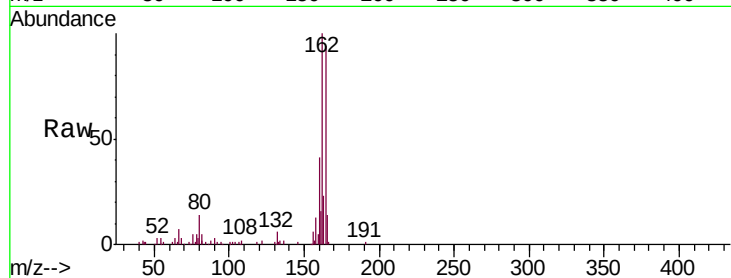
Tgt Ion:164 Resp: 71631

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

160 44.2 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 178.240 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

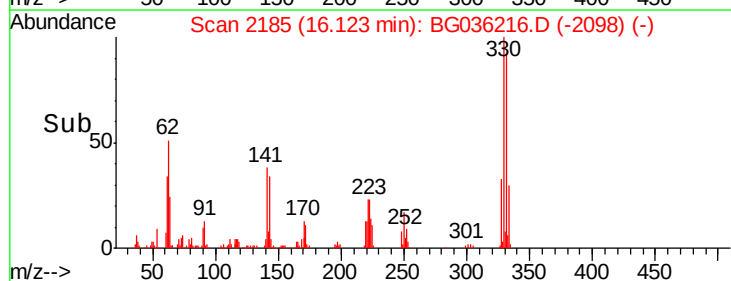
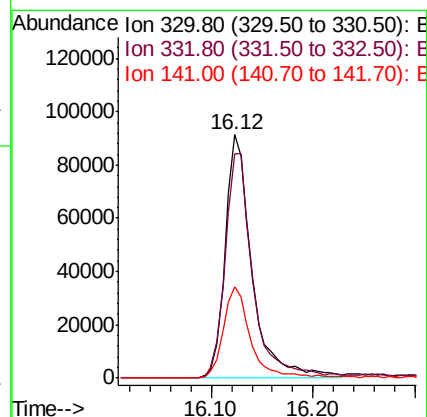
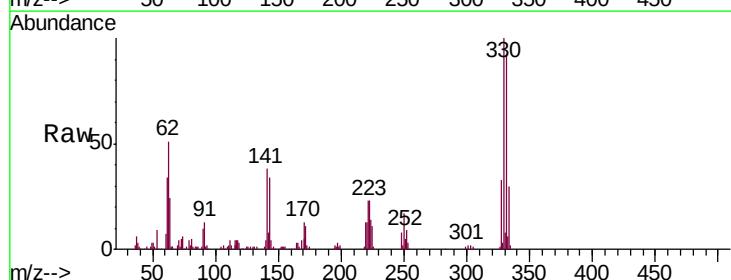
Tgt Ion:330 Resp: 168284

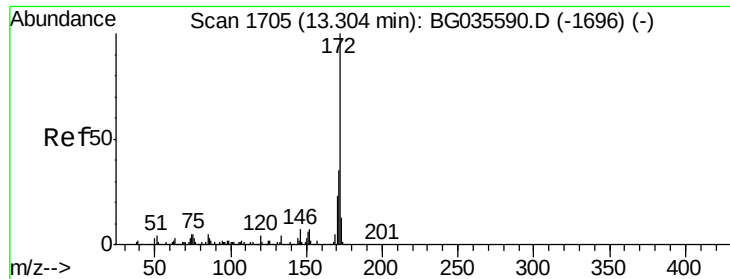
Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 38.5 25.2 37.8#

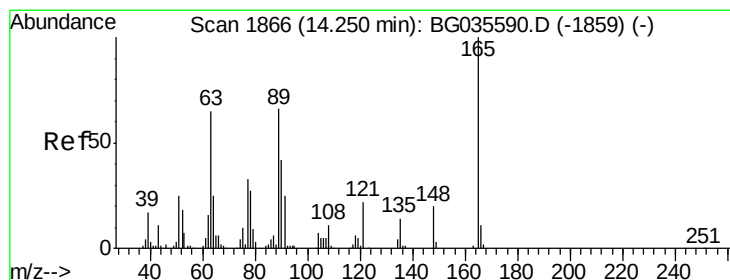
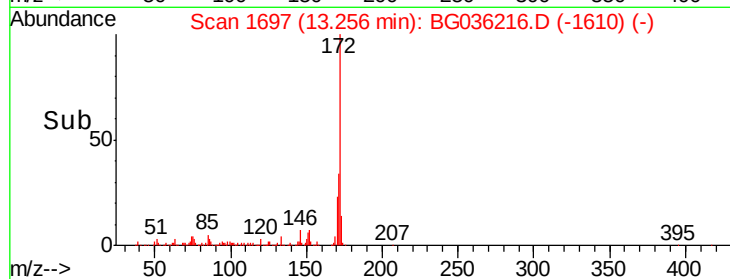
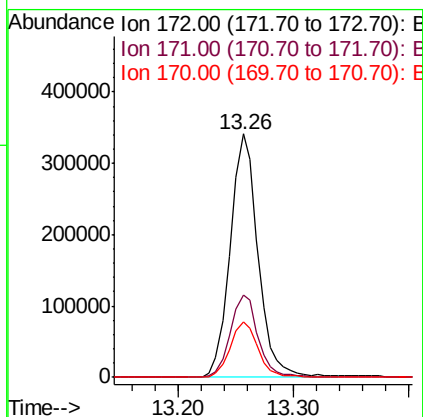
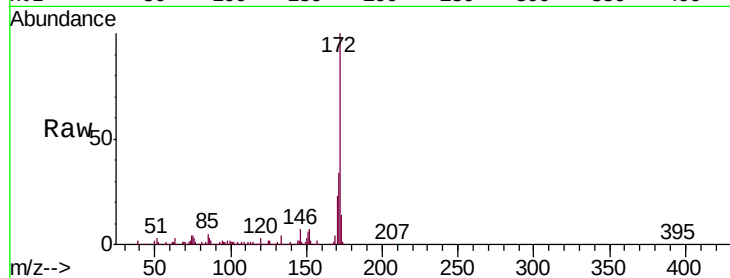




#44
 2-Fluorobiphenyl
 Concen: 106.651 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

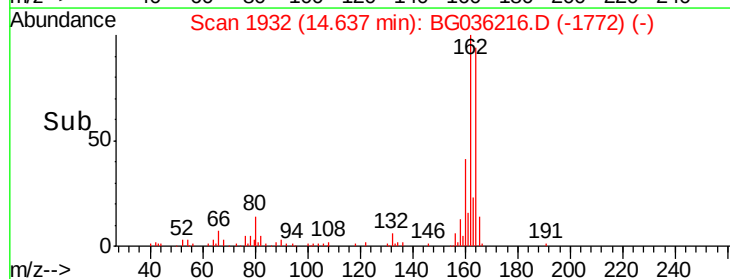
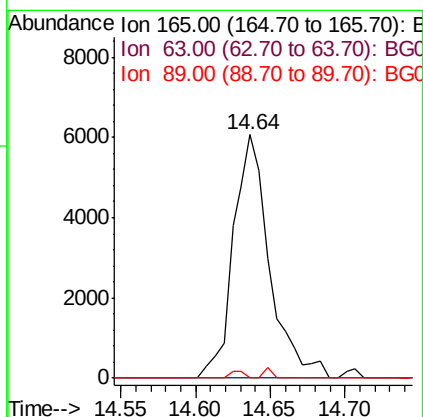
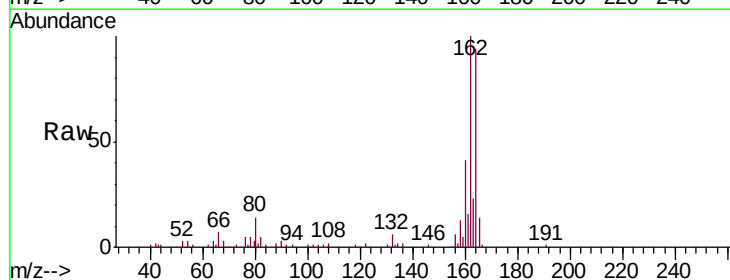
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

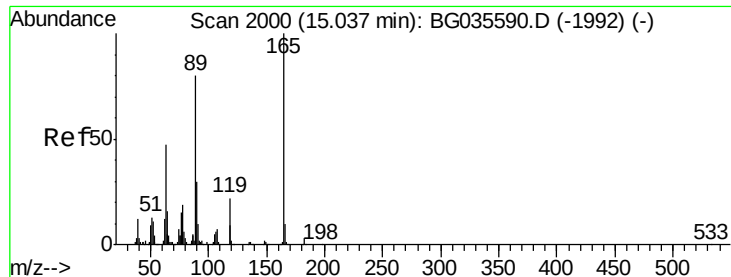
Tgt Ion:172 Resp: 570222
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 22.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.991 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Tgt Ion:165 Resp: 10212
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

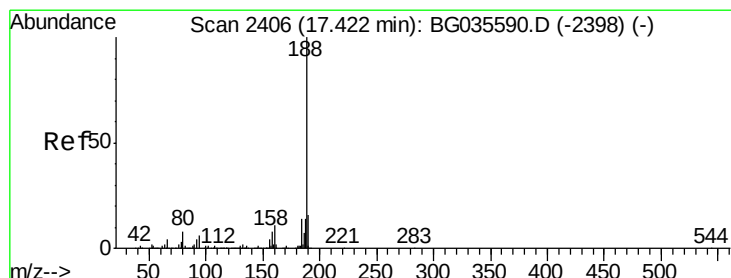
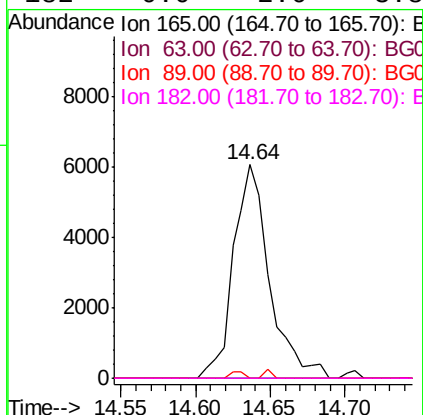
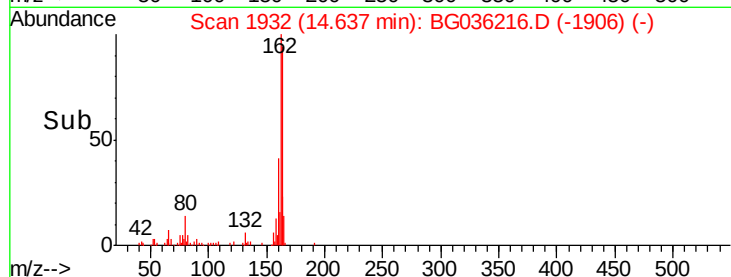
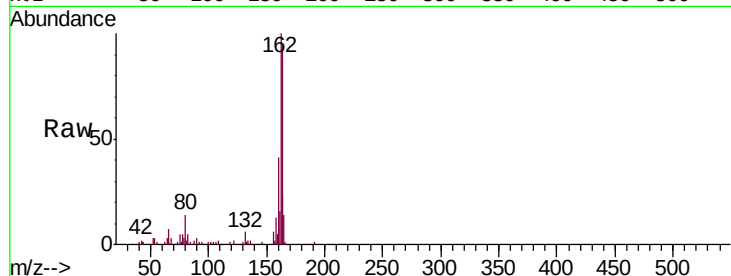




#56
 2,4-Dinitrotoluene
 Concen: 5.570 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

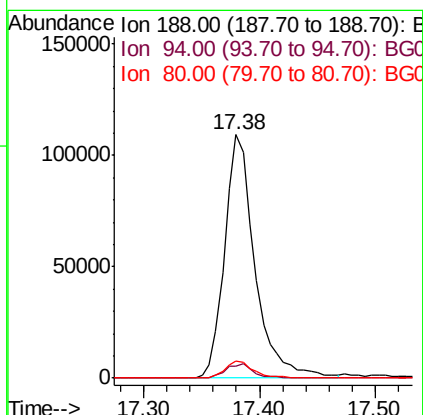
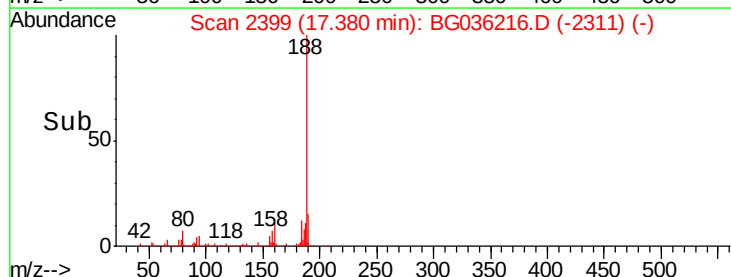
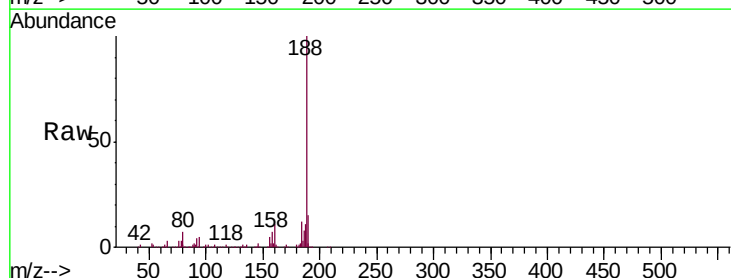
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

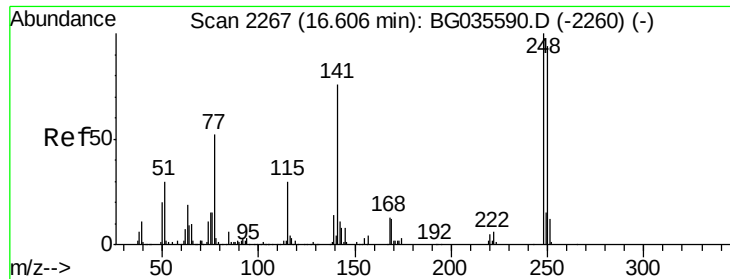
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	6.9	7.7	11.5#

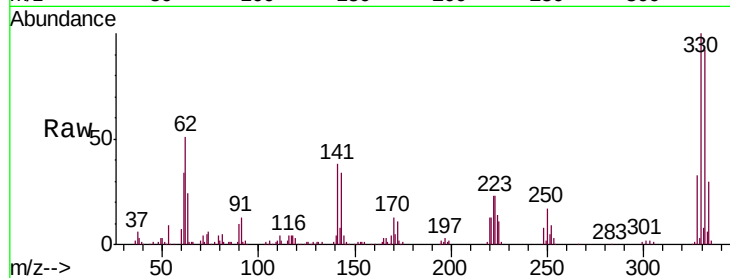




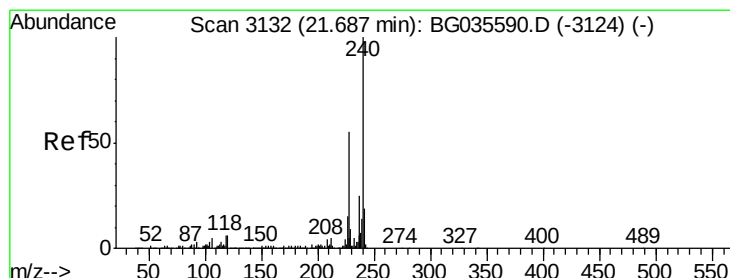
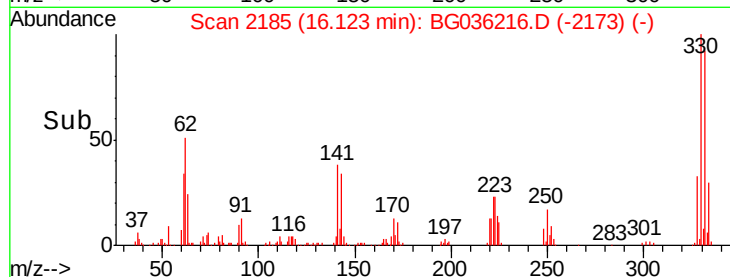
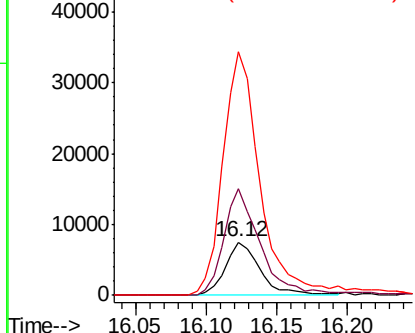
#66
 4-Bromophenyl-phenylether
 Concen: 5.643 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 248 Resp: 13009
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.1 115.7#
 141 457.0 50.8 76.2#

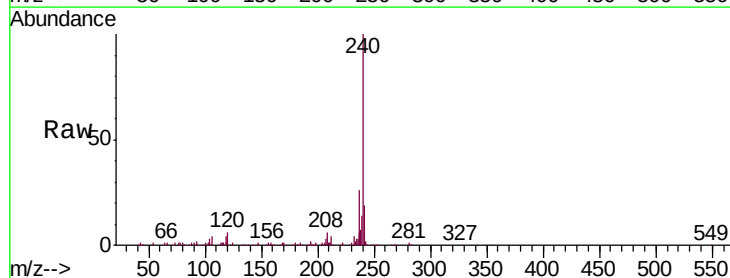


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

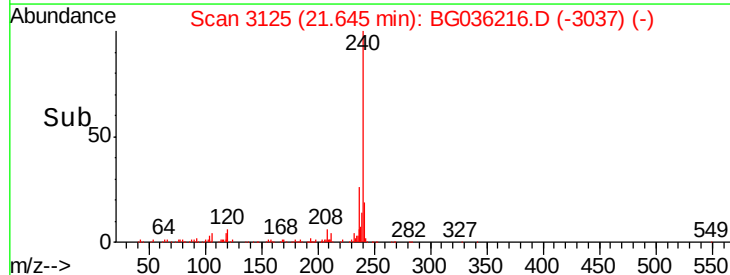
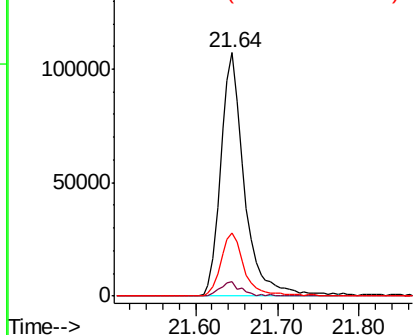


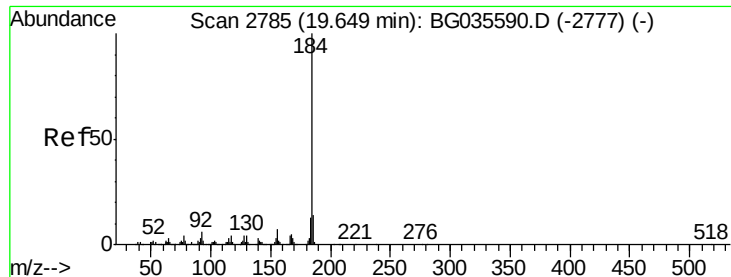
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Tgt Ion: 240 Resp: 215269
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.8 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: 2.809 ng

RT: 19.65 min Scan# 2786

Delta R.T. 0.03 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleId :

DFTPP

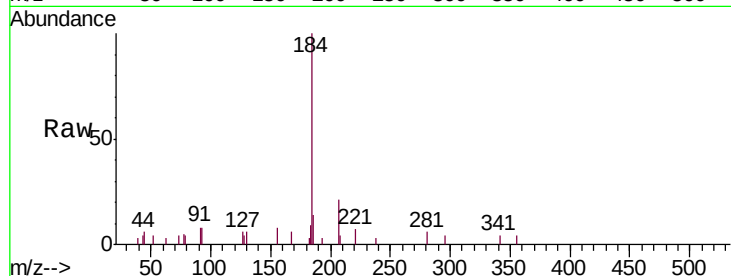
Tgt Ion:184 Resp: 15896

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

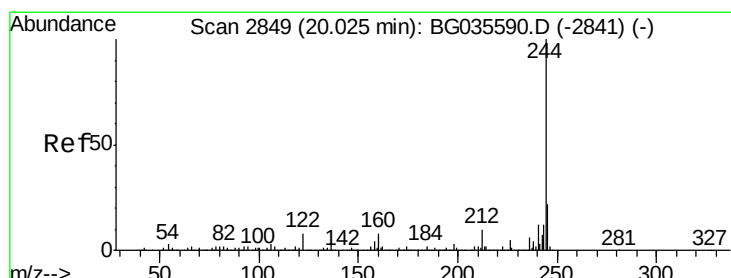
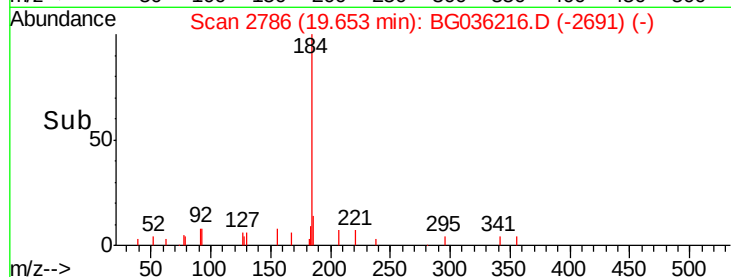
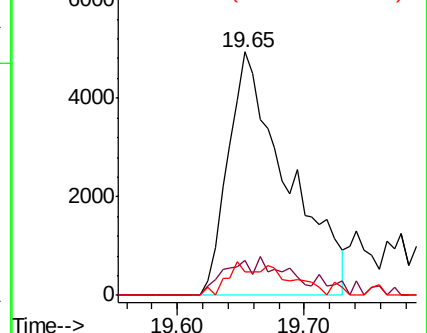
183 9.4 10.6 16.0#



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: 118.628 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

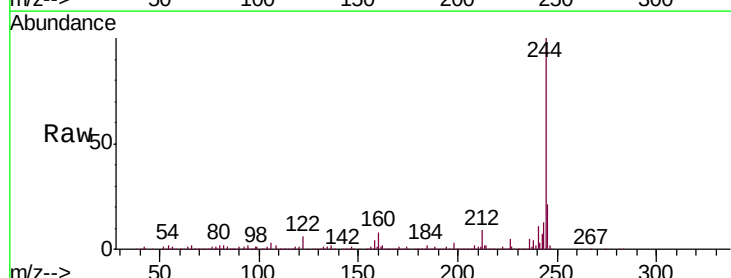
Tgt Ion:244 Resp: 1158504

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

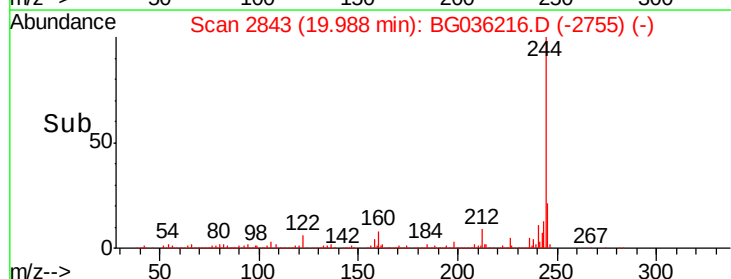
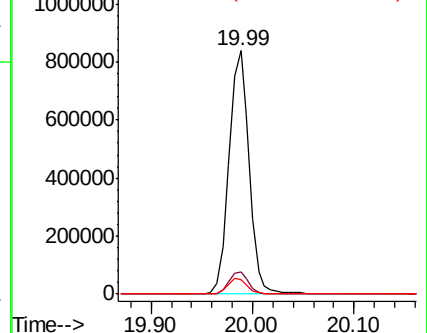
122 6.2 7.0 10.4#

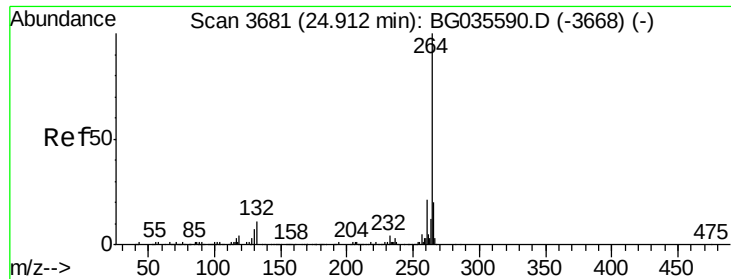


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.2	17.7	26.5

