

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044483.D
 Acq On : 18 Feb 2020 21:57
 Operator : CG/JU
 Sample : PB126892BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 01:21:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

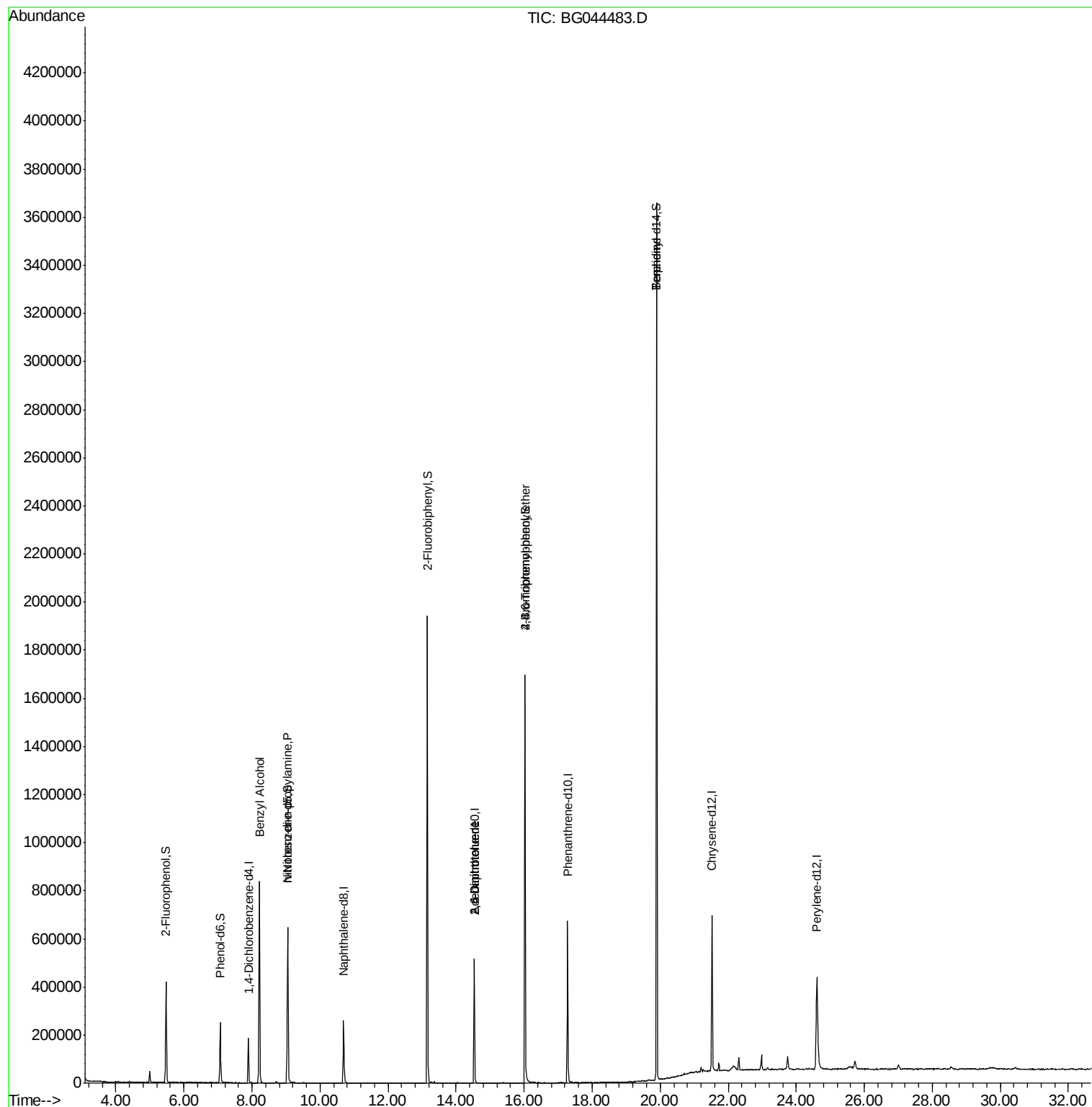
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57614	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	252816	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	189809	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	428564	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	397260	20.00	ng	-0.01
87) Perylene-d12	24.60	264	427843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	217798	66.72	ng	0.00
7) Phenol-d6	7.07	99	174349	39.77	ng	-0.01
23) Nitrobenzene-d5	9.05	82	430949	96.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	351499	157.75	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1085709	95.78	ng	-0.01
79) Terphenyl-d14	19.90	244	1704194	88.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.22	79	6699	2.158	ng	# 49
19) n-Nitroso-di-n-propylamine	9.05	70	54949	18.808	ng	# 76
51) 2,6-Dinitrotoluene	14.53	165	25459	8.369	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	25459	5.971	ng	# 26
67) 4-Bromophenyl-phenylether	16.03	248	24164	5.175	ng	# 1
77) Benzidine	19.90	184	27680	2.512	ng	# 93

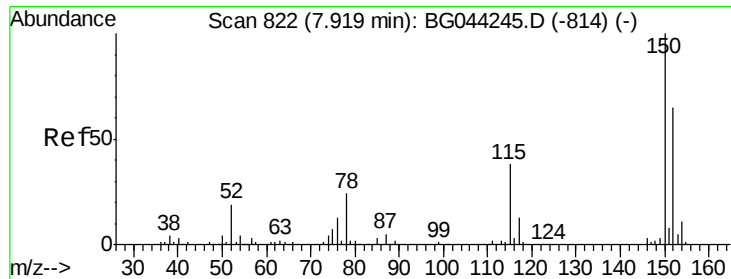
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044483.D
Acq On : 18 Feb 2020 21:57
Operator : CG/JU
Sample : PB126892BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 19 01:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



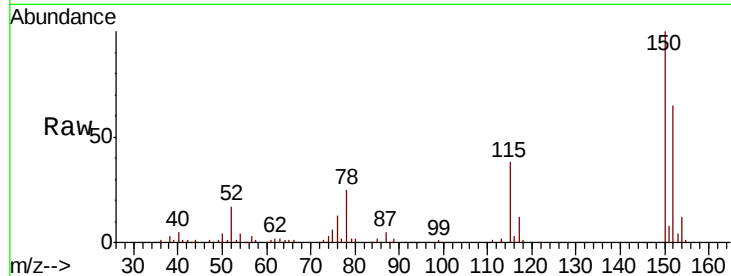


#1

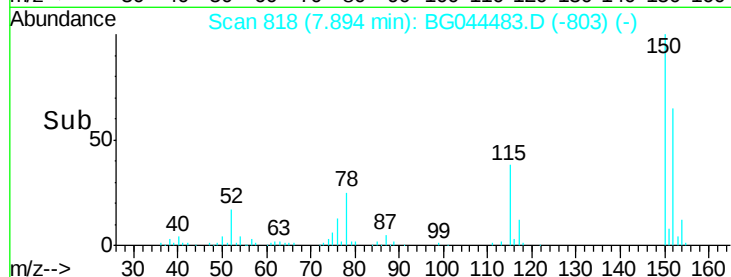
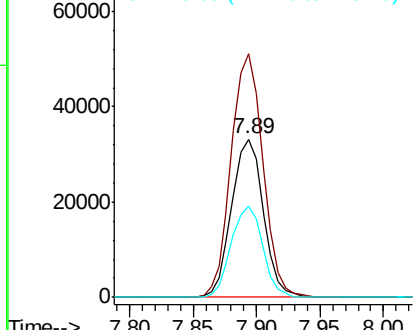
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 57614
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.6 183.8
 115 57.9 46.0 69.0



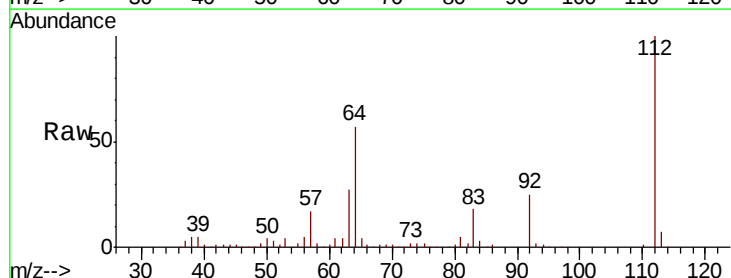
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



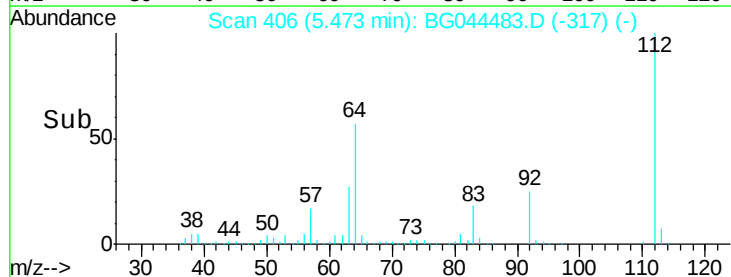
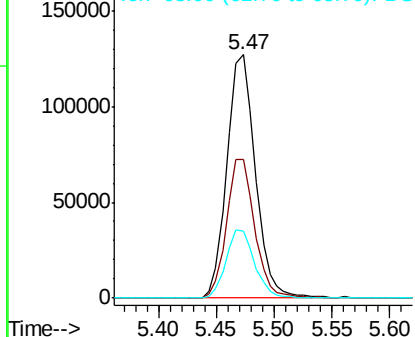
#5

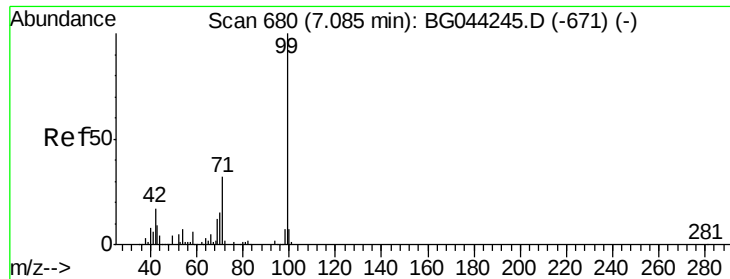
2-Fluorophenol
 Concen: 66.716 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion:112 Resp: 217798
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 27.3 22.9 34.3



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: 39.771 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

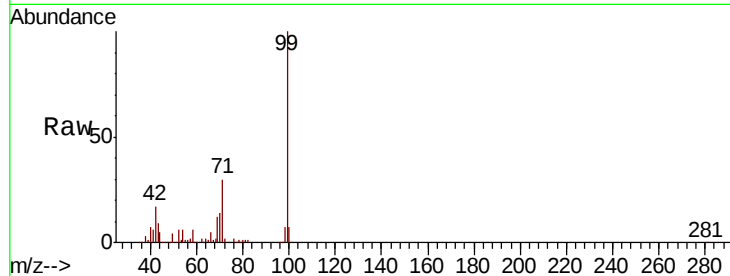
Tot Ion: 99 Resp: 174349

Ion Ratio Lower Upper

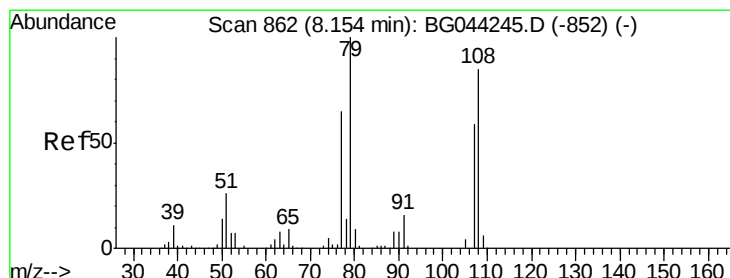
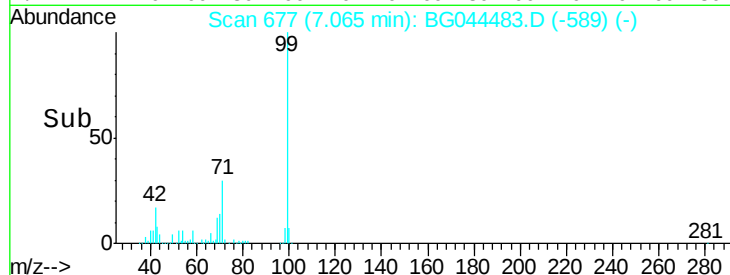
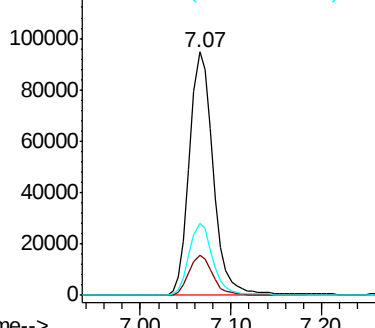
99 100

42 16.6 13.8 20.6

71 29.8 25.5 38.3



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: 2.158 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.08 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

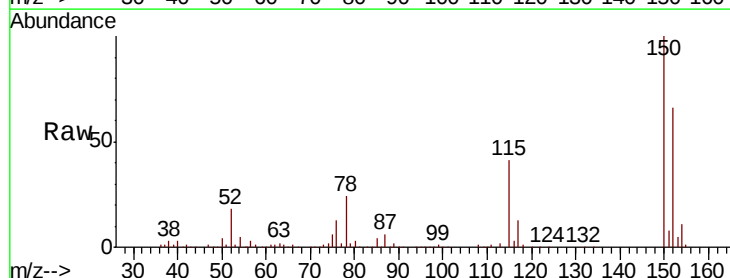
Tgt Ion: 79 Resp: 6699

Ion Ratio Lower Upper

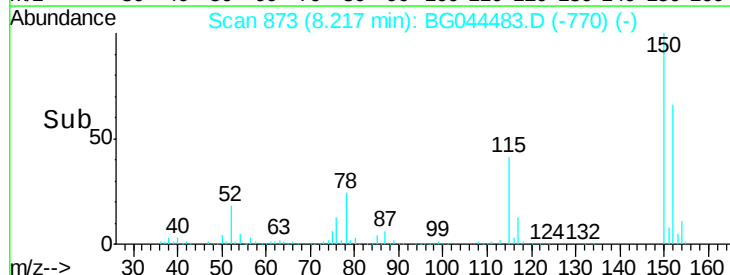
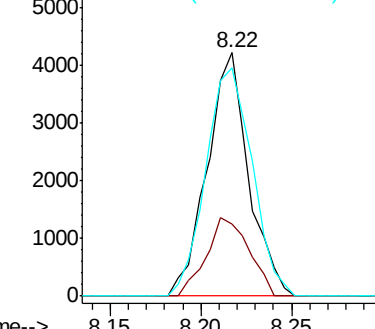
79 100

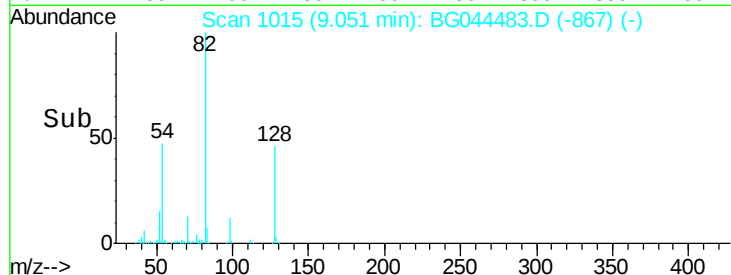
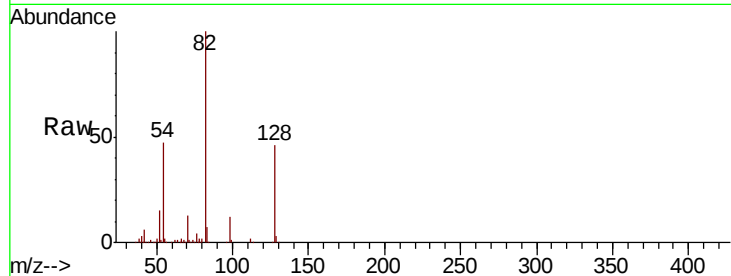
108 29.4 68.3 102.5#

77 93.9 51.8 77.8#



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

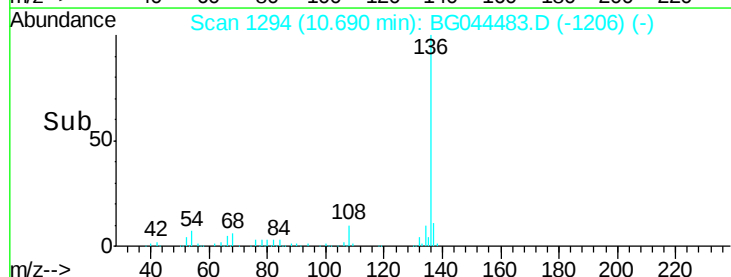
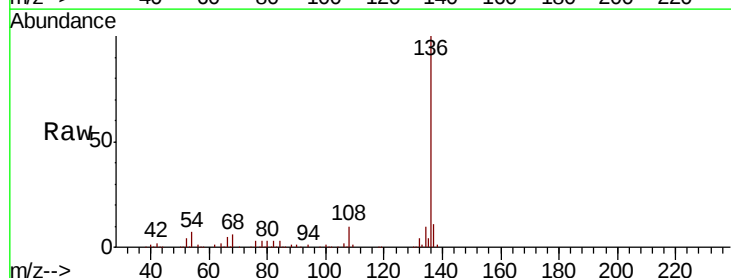
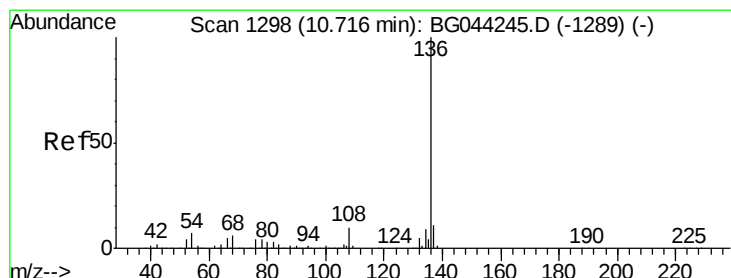
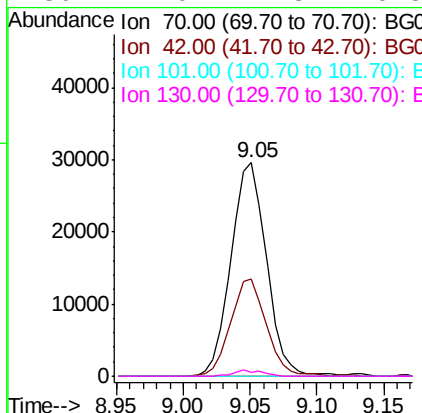




#19
n-Nitroso-di-n-propylamine
Concen: 18.808 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.34 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

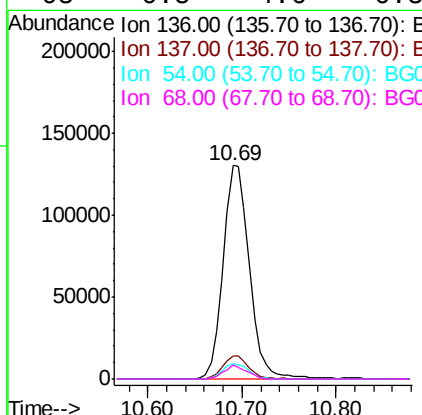
Instrument :
BNA_G
ClientSampleId :

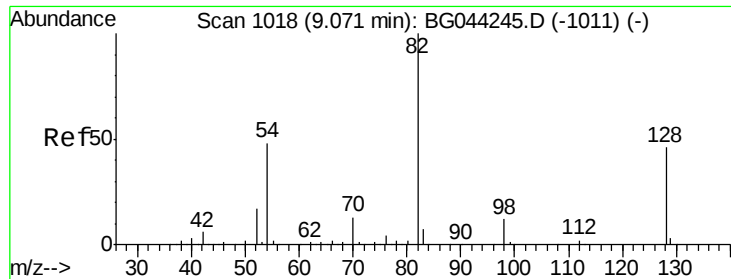
Tot Ion: 70 Resp: 54949
Ion Ratio Lower Upper
70 100
42 45.3 46.2 69.2#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

Tgt Ion: 136 Resp: 252816
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.8 8.8
68 6.5 4.6 6.8

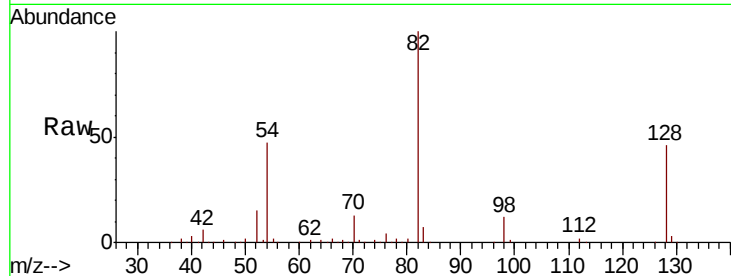




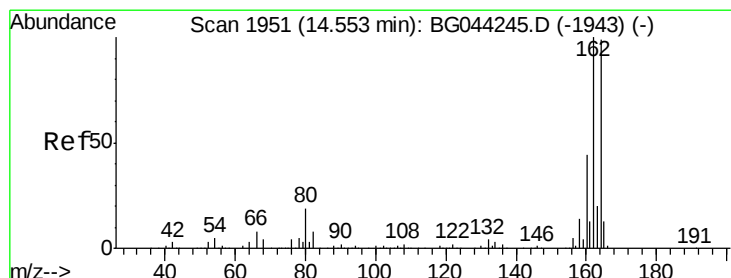
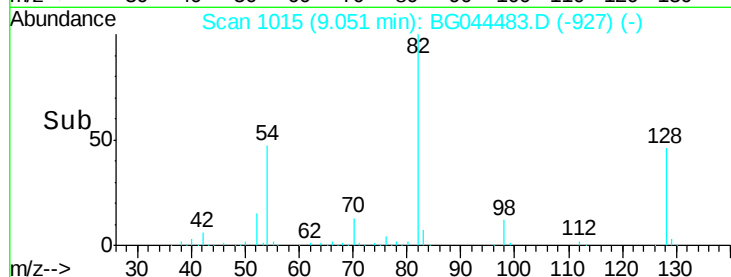
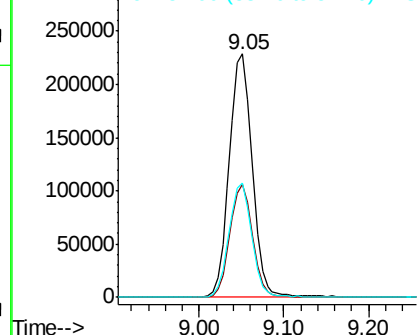
#23
Nitrobenzene-d5
Concen: 96.235 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	430949
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	46.3		
54	46.8		
	38.6		
	58.0		

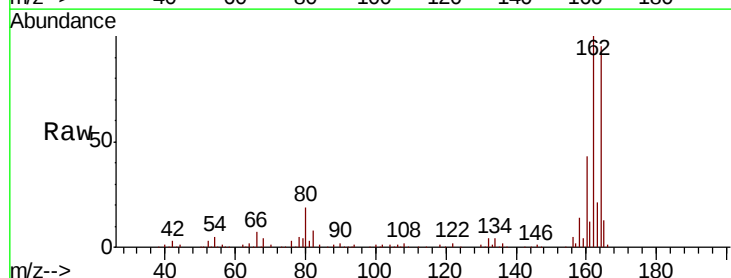


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

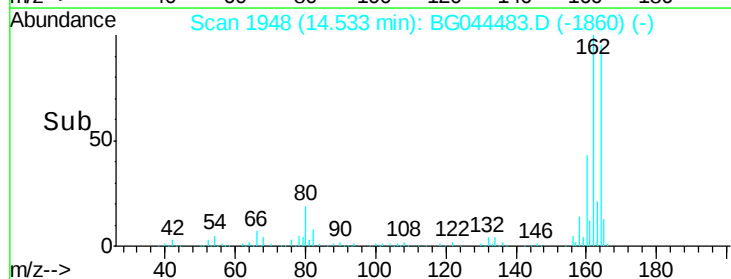
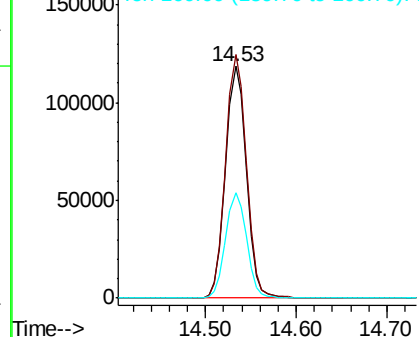


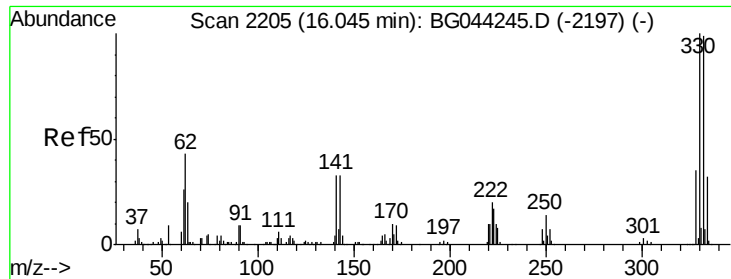
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

Tgt Ion	164	Resp	189809
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	105.0		
160	45.5		
	35.3		
	52.9		



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 157.747 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

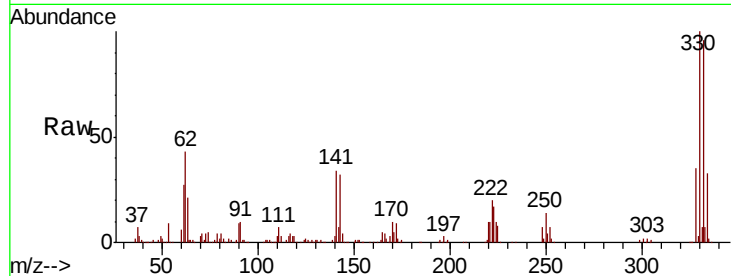
Tot Ion:330 Resp: 351499

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

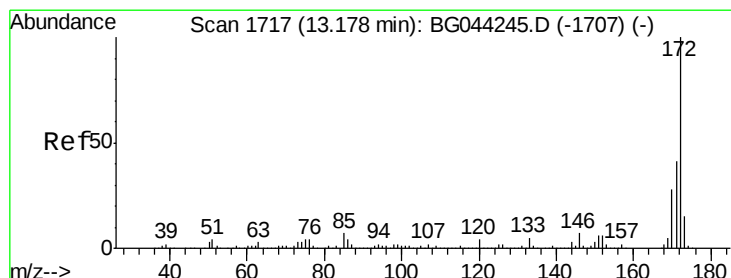
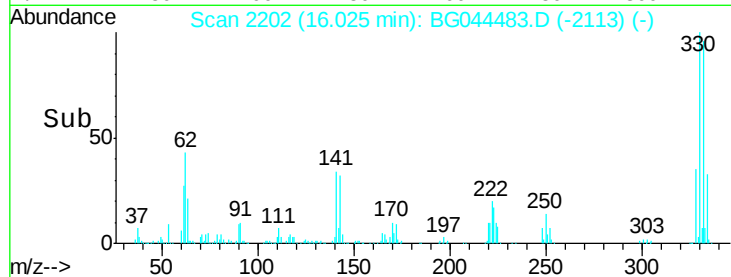
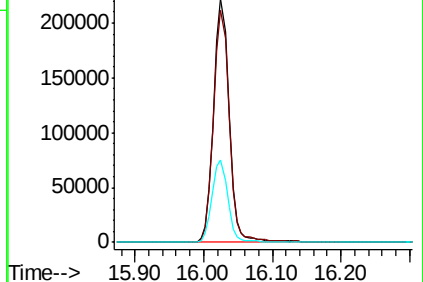
141 34.5 28.3 42.5



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



#45

2-Fluorobiphenyl

Concen: 95.785 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

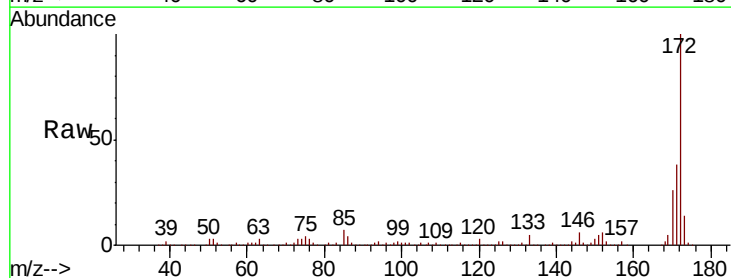
Tgt Ion:172 Resp: 1085709

Ion Ratio Lower Upper

172 100

171 38.2 32.9 49.3

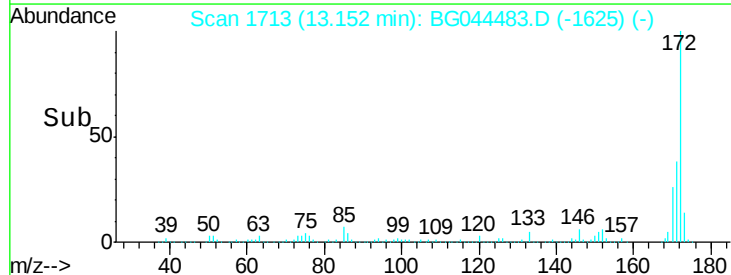
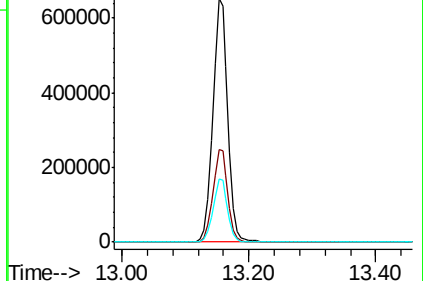
170 25.9 22.0 33.0

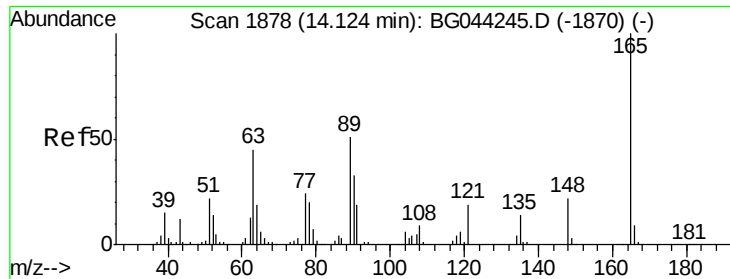


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

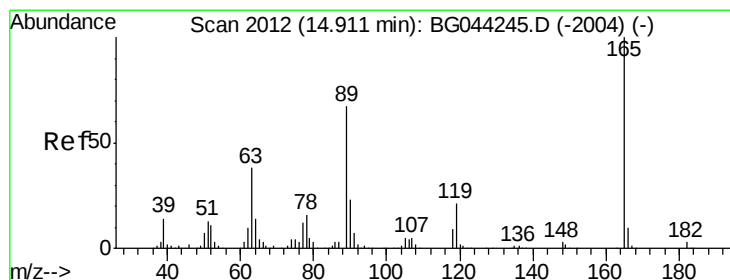
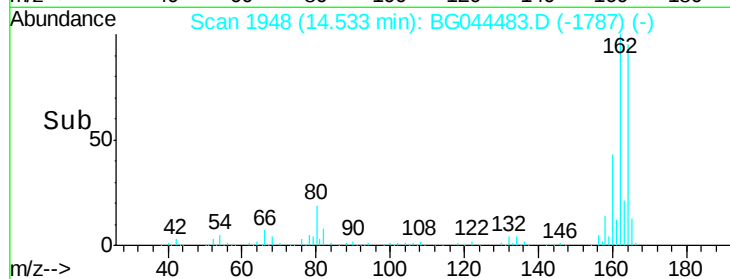
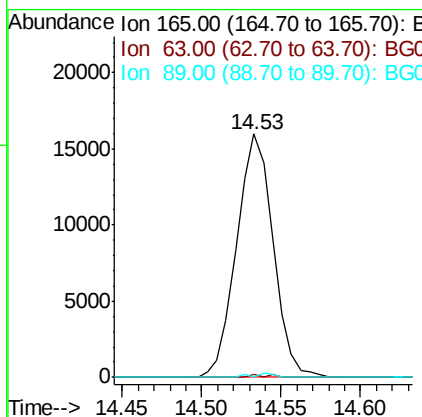
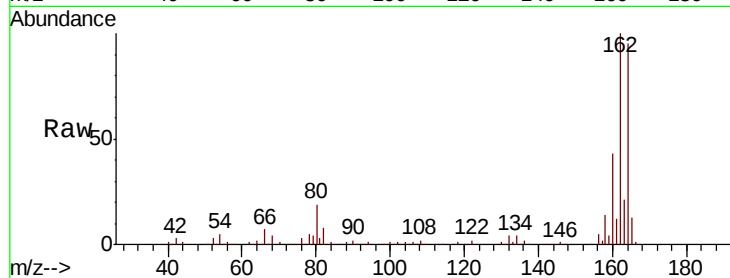




#51
 2,6-Dinitrotoluene
 Concen: 8.369 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

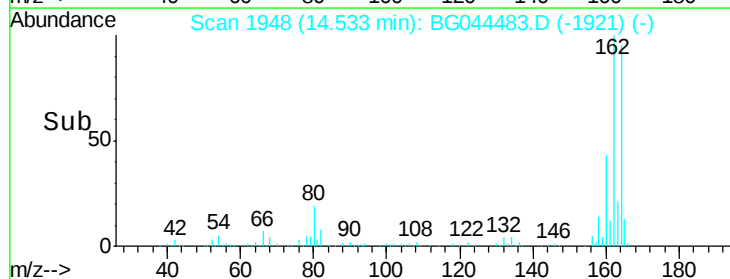
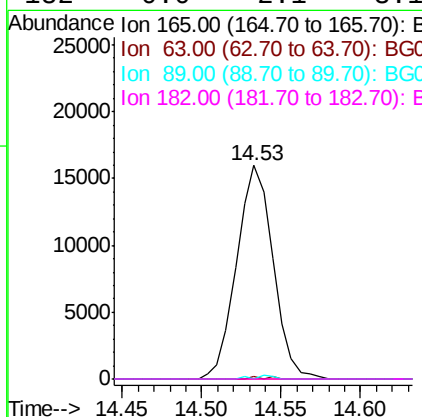
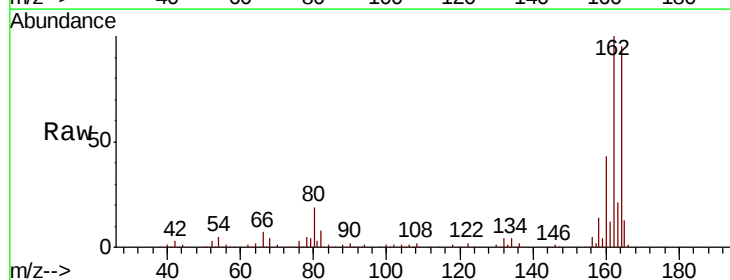
Instrument :
 BNA_G
 ClientSampleId :

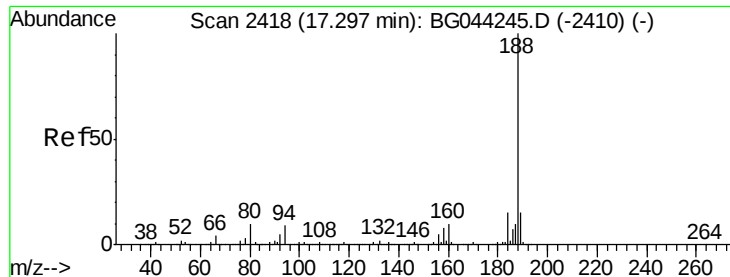
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.7	58.1#
89	0.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.971 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.3	45.5#
89	0.0	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

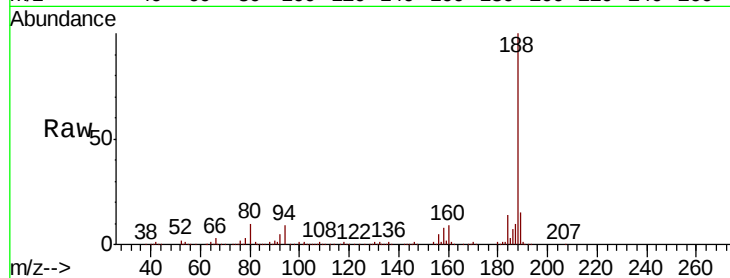
Tot Ion:188 Resp: 428564

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

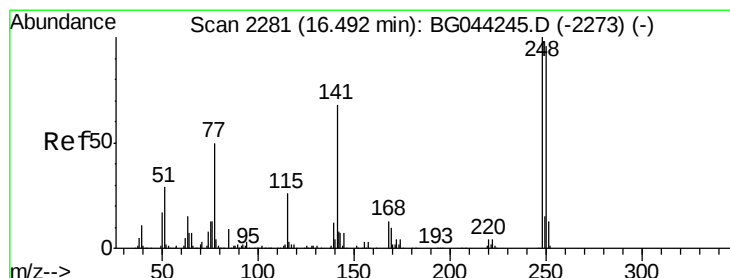
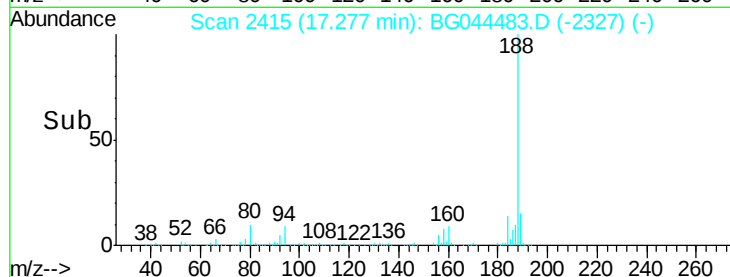
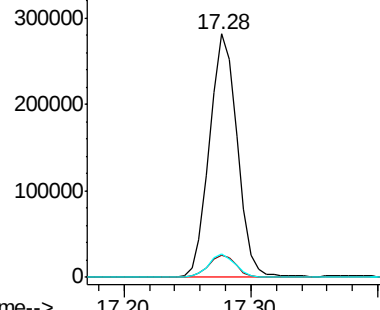
80 9.7 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 5.175 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.45 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

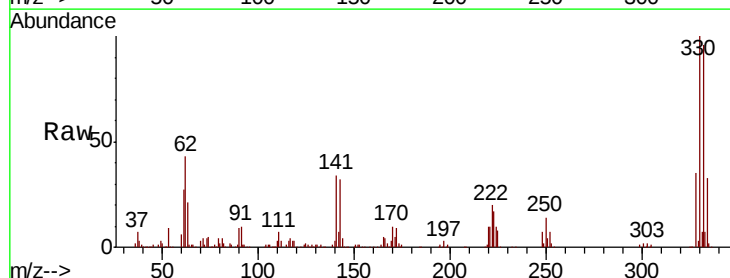
Tgt Ion:248 Resp: 24164

Ion Ratio Lower Upper

248 100

250 206.5 76.6 114.8#

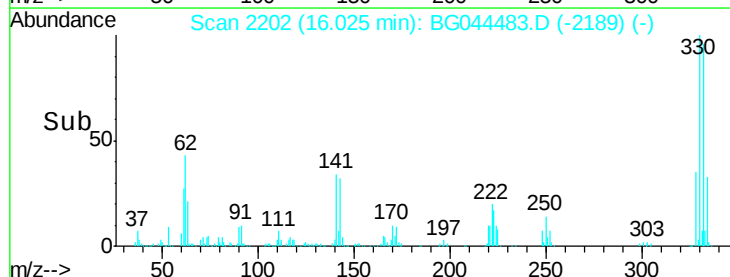
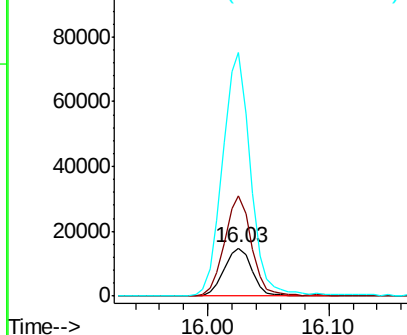
141 504.5 54.7 82.1#

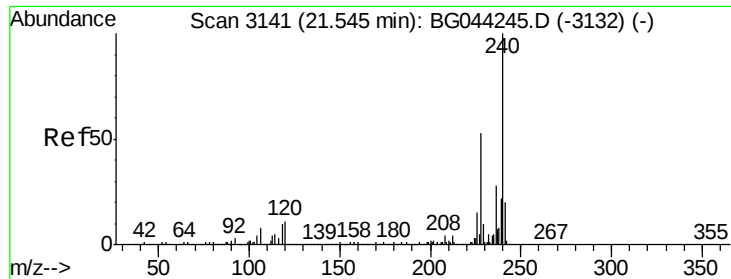


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

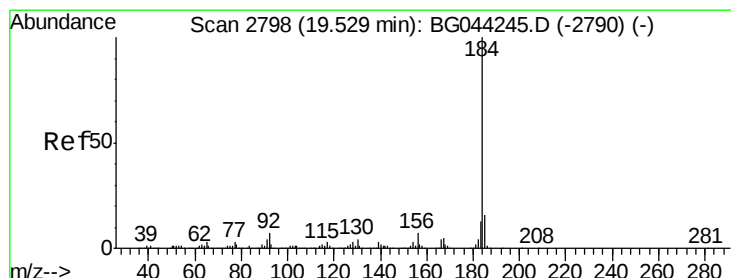
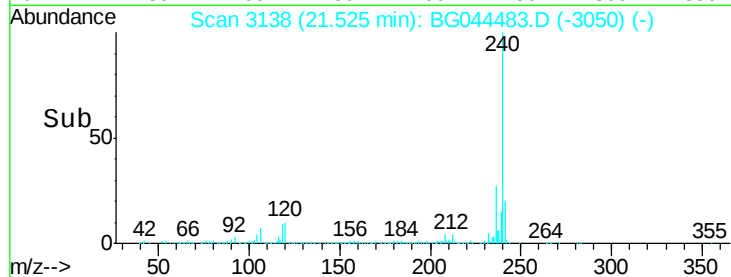
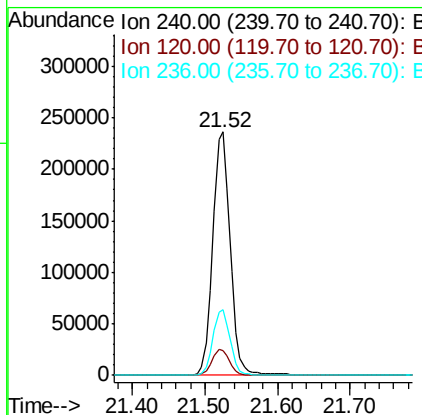
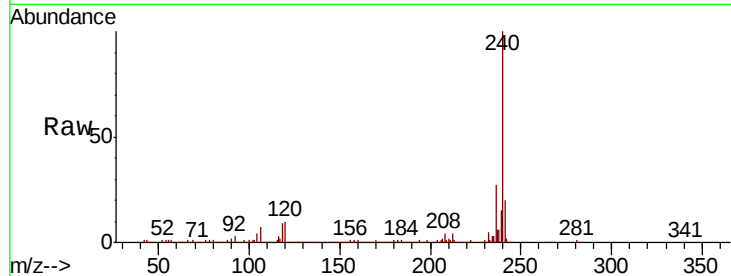




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

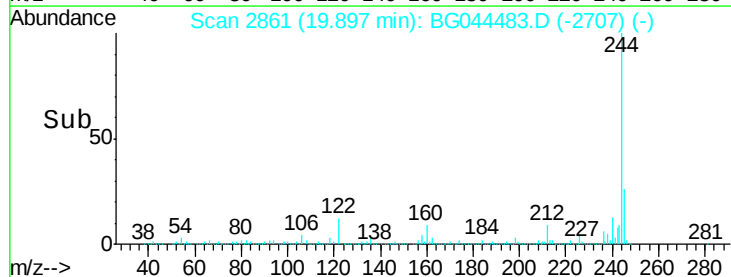
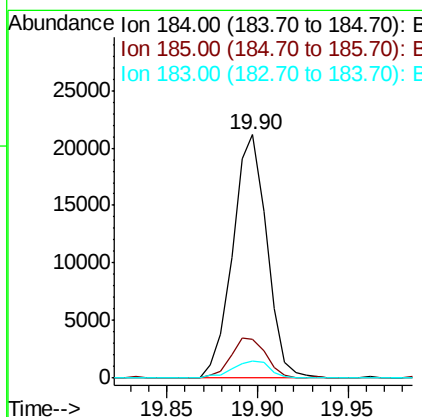
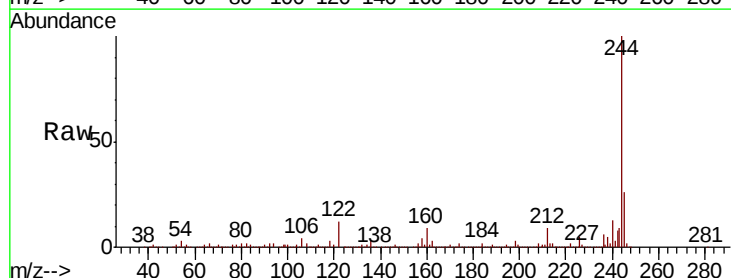
Instrument :
 BNA_G
 ClientSampleId :

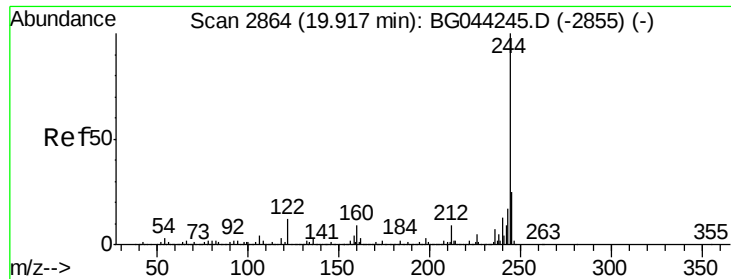
Tot Ion:240 Resp: 397260
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 27.2 22.1 33.1



#77
 Benzidine
 Concen: 2.512 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. 0.38 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion:184 Resp: 27680
 Ion Ratio Lower Upper
 184 100
 185 16.1 12.9 19.3
 183 7.0 10.8 16.2#

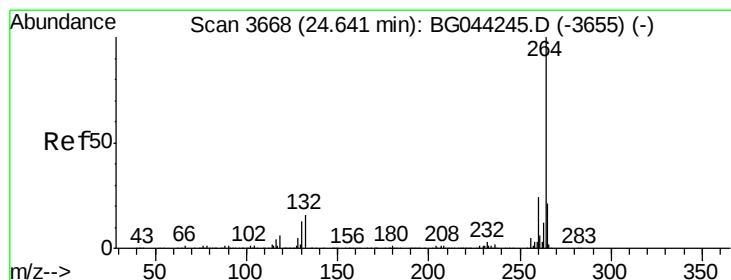
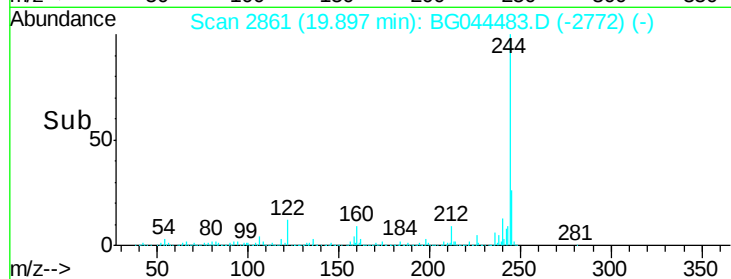
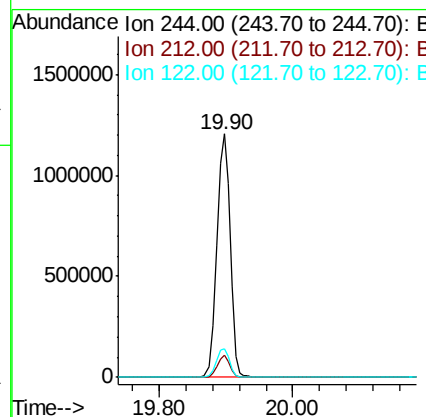
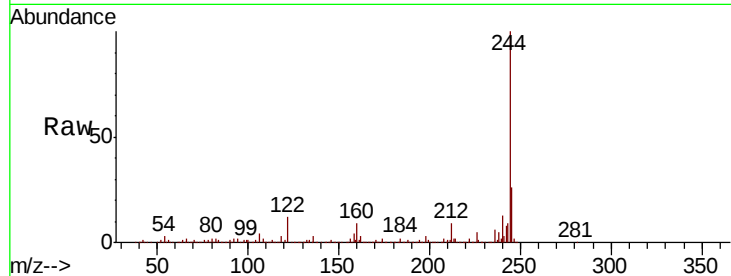




#79
 Terphenyl-d14
 Concen: 88.237 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1704194
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.4 11.2
 122 12.0 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3662
 Delta R.T. -0.02 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion:264 Resp: 427843
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 23.0 16.7 25.1

