

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061052.D
 Acq On : 29 Apr 2024 18:23
 Operator : MA/JU
 Sample : P2270-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 19:07:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

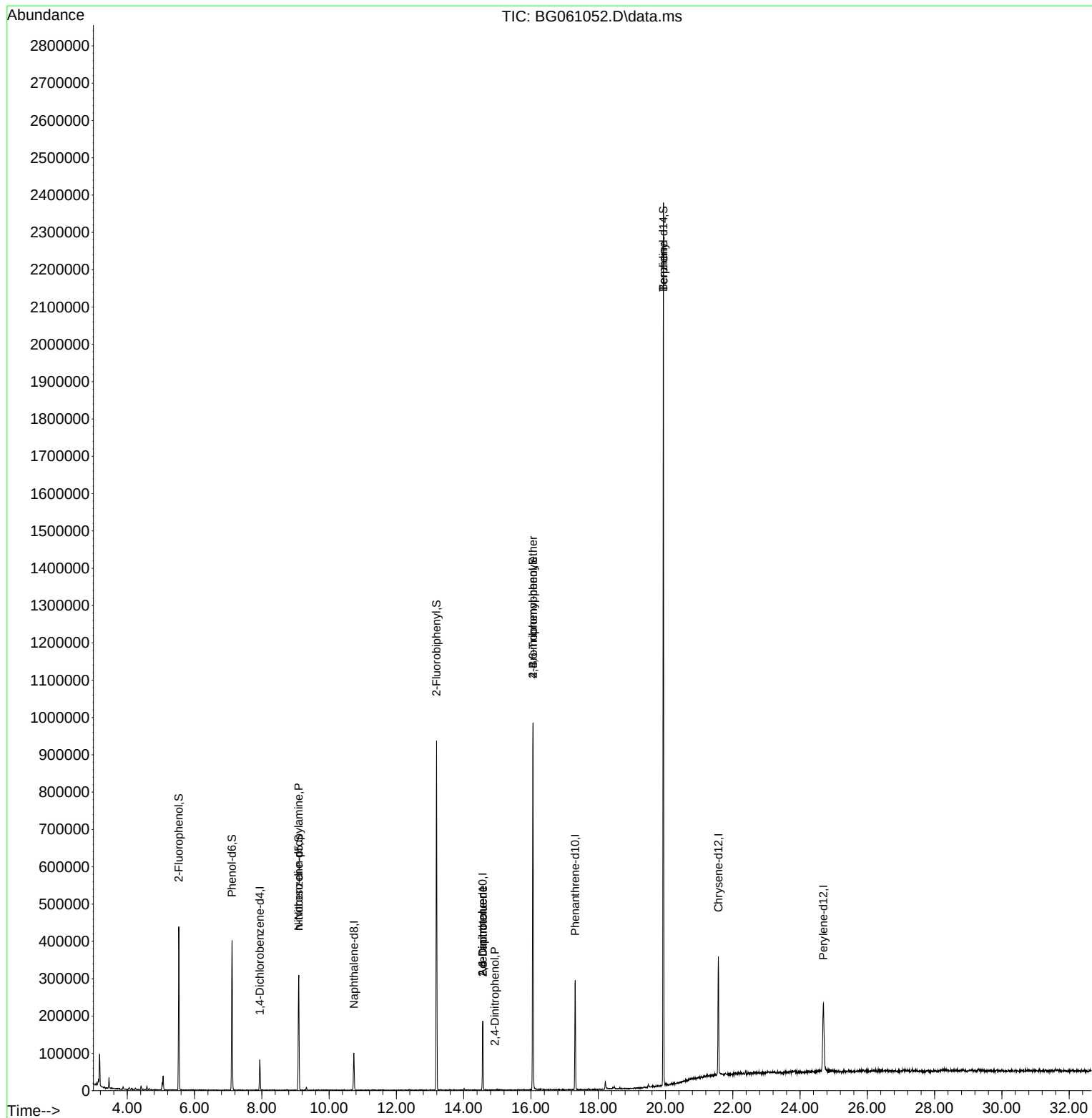
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	21009	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	77274	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	67345	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	189325	20.000	ng	0.00
76) Chrysene-d12	21.572	240	190660	20.000	ng	0.00
86) Perylene-d12	24.692	264	220021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	145227	139.825	ng	0.00
7) Phenol-d6	7.112	99	177564	115.222	ng	0.00
23) Nitrobenzene-d5	9.098	82	153187	89.067	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	220563	149.145	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	462276	95.003	ng	0.00
79) Terphenyl-d14	19.939	244	1197068	97.458	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	23789	20.714	ng	# 67
51) 2,6-Dinitrotoluene	14.568	165	9129	7.878	ng	# 16
54) 2,4-Dinitrophenol	14.927	184	58	5.636	ng	# 12
57) 2,4-Dinitrotoluene	14.568	165	9129	5.470	ng	# 19
67) 4-Bromophenyl-phenylether	16.061	248	13475	5.393	ng	# 1
77) Benzidine	19.939	184	19738	5.587	ng	# 94

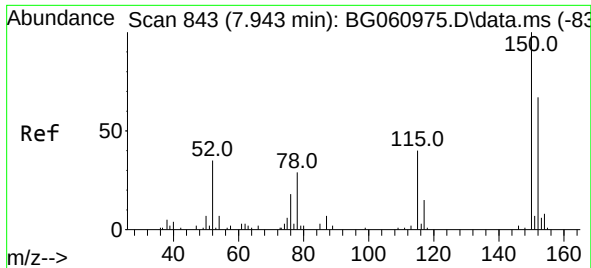
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
Data File : BG061052.D
Acq On : 29 Apr 2024 18:23
Operator : MA/JU
Sample : P2270-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

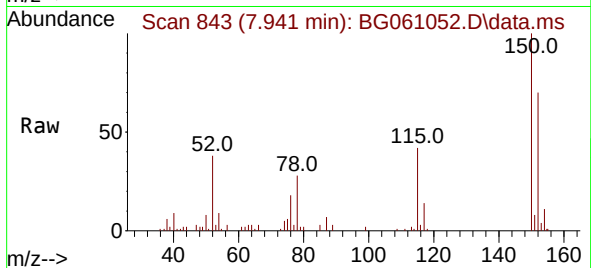
Quant Time: Apr 29 19:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration



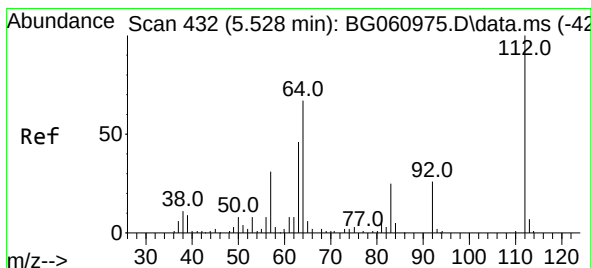
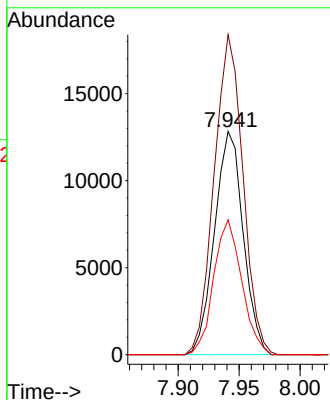
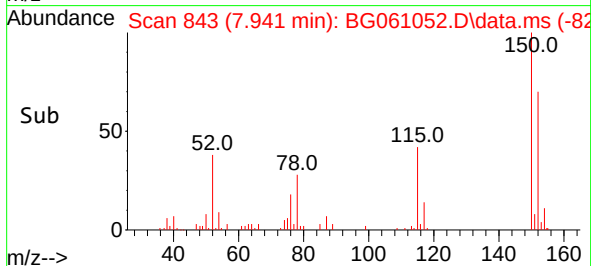


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

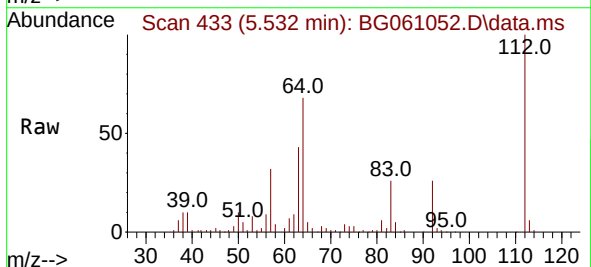
Instrument :
BNA_G
ClientSampleId :



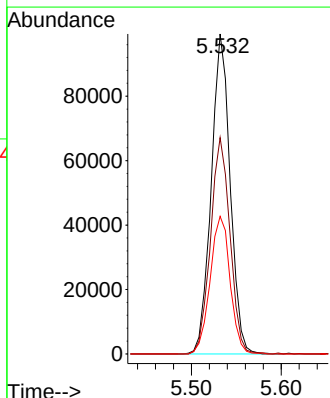
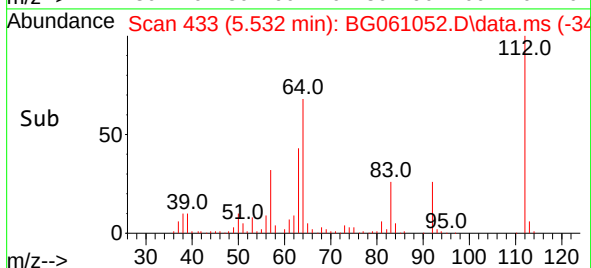
Tgt Ion:152 Resp: 21009
Ion Ratio Lower Upper
152 100
150 143.4 118.6 178.0
115 60.5 47.4 71.0

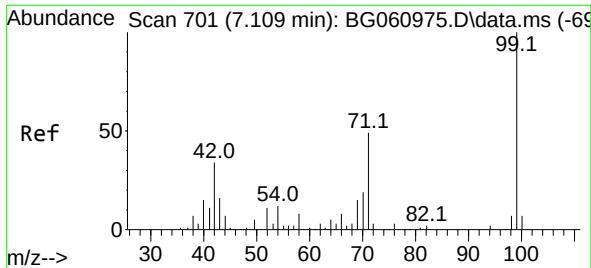


#5
2-Fluorophenol
Concen: 139.825 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23



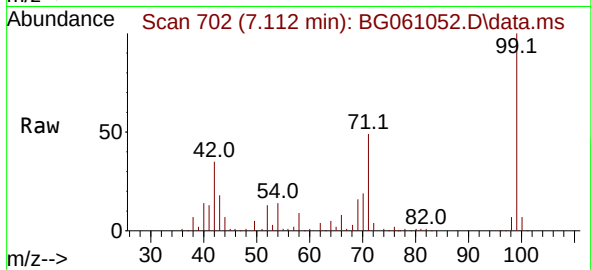
Tgt Ion:112 Resp: 145227
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 43.0 37.0 55.6



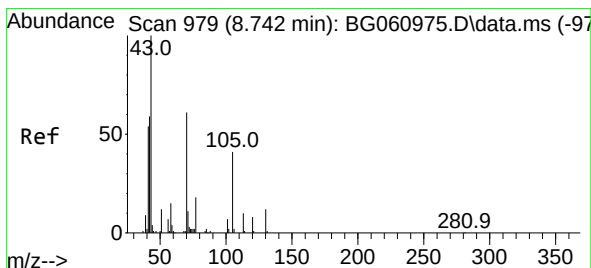
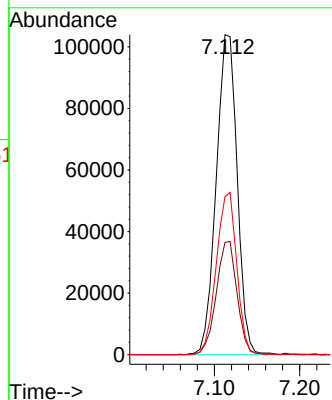
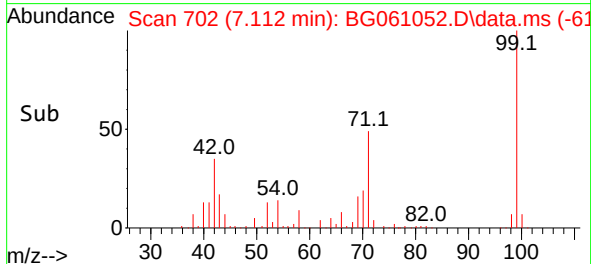


#7
Phenol-d6
Concen: 115.222 ng
RT: 7.112 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

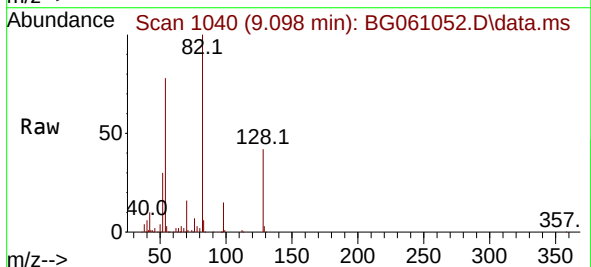
Instrument :
BNA_G
ClientSampleId :



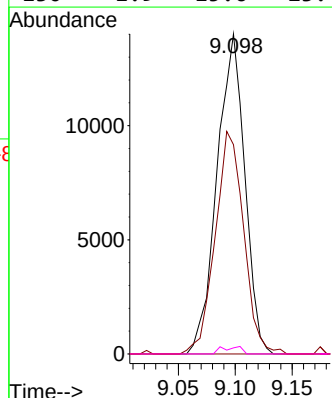
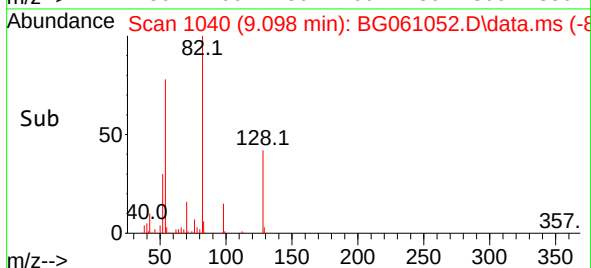
Tgt Ion: 99 Resp: 177564
Ion Ratio Lower Upper
99 100
42 35.1 27.2 40.8
71 49.4 38.8 58.2

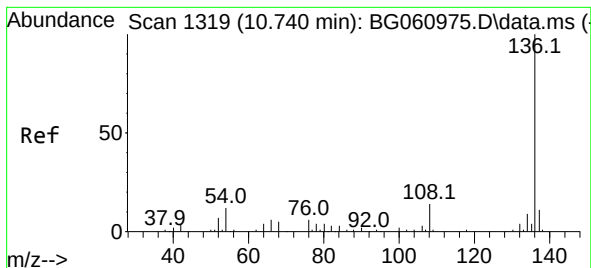


#19
n-Nitroso-di-n-propylamine
Concen: 20.714 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.356 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23



Tgt Ion: 70 Resp: 23789
Ion Ratio Lower Upper
70 100
42 65.4 78.0 117.0#
101 0.0 8.6 13.0#
130 1.9 15.6 23.4#



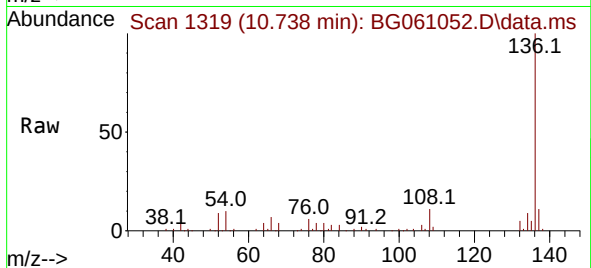


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

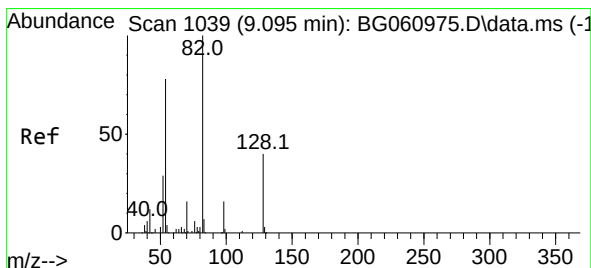
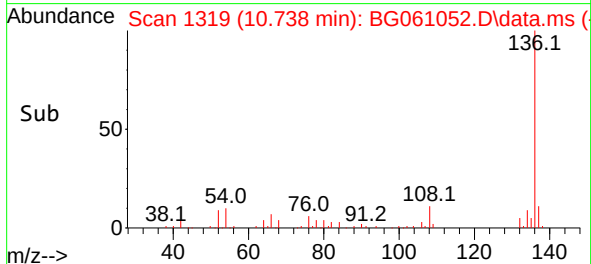
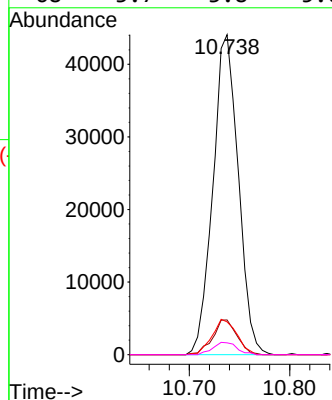
Instrument :

BNA_G

ClientSampleId :

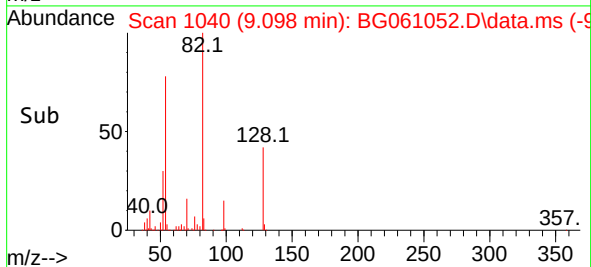
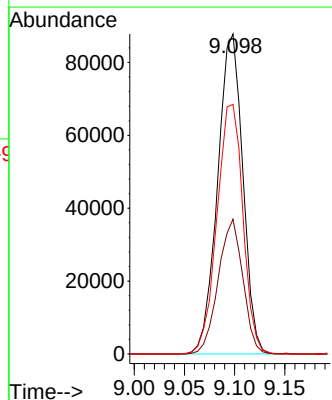
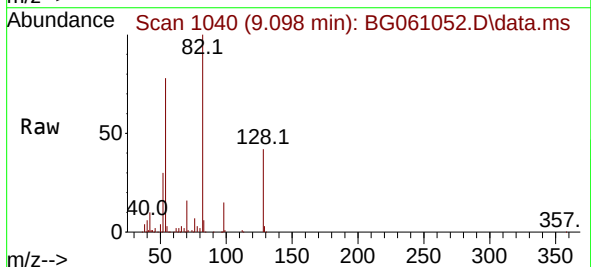


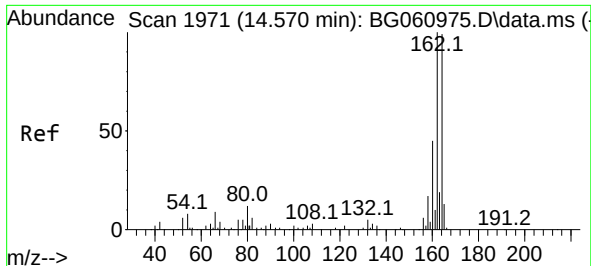
Tgt Ion:136 Resp: 77274
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.2 9.4 14.0
68 3.7 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 89.067 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

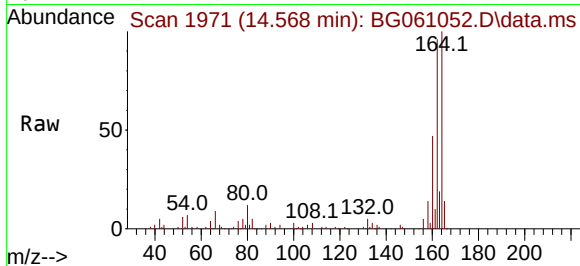
Tgt Ion: 82 Resp: 153187
Ion Ratio Lower Upper
82 100
128 42.1 32.1 48.1
54 78.0 62.3 93.5



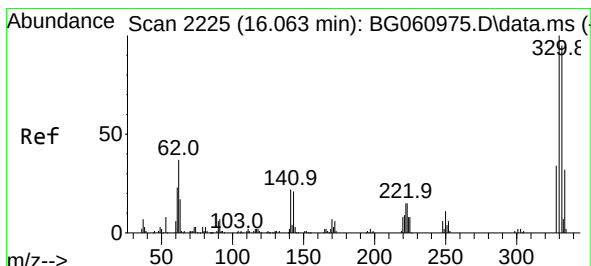
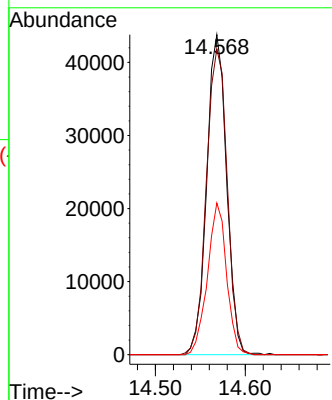
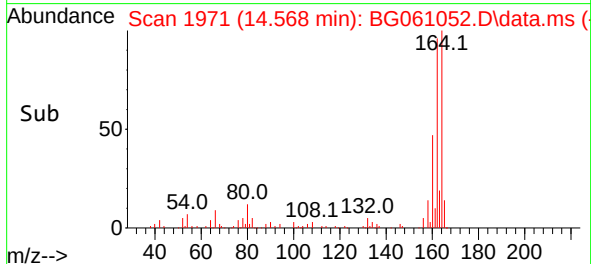


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

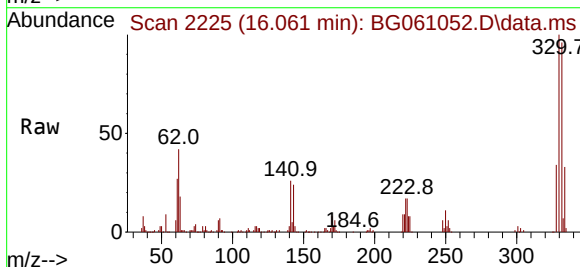
Instrument :
BNA_G
ClientSampleId :



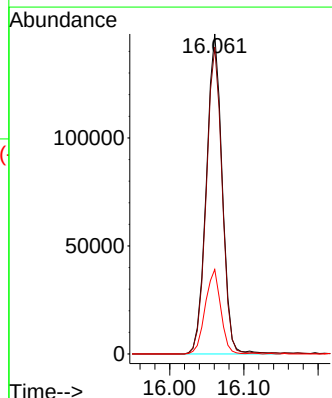
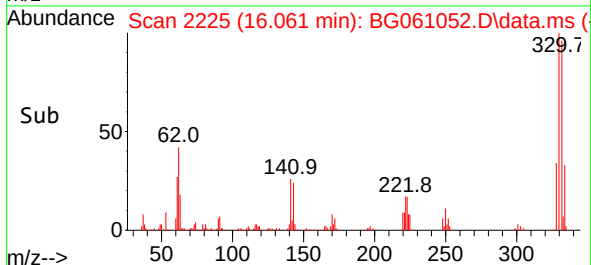
Tgt Ion:164 Resp: 67345
Ion Ratio Lower Upper
164 100
162 95.6 81.2 121.8
160 47.4 36.2 54.2

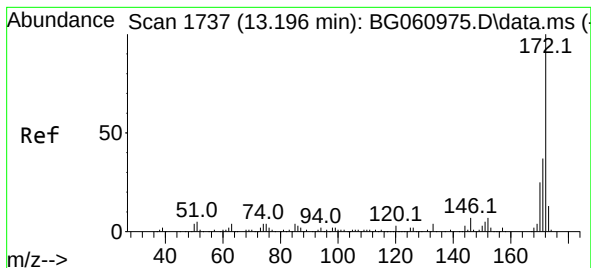


#42
2,4,6-Tribromophenol
Concen: 149.145 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23



Tgt Ion:330 Resp: 220563
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 25.8 20.6 31.0





#45

2-Fluorobiphenyl

Concen: 95.003 ng

RT: 13.194 min Scan# 1

Delta R.T. -0.002 min

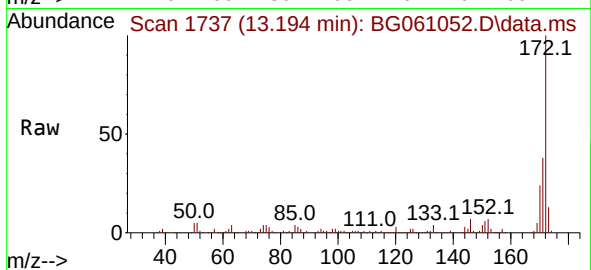
Lab File: BG061052.D

Acq: 29 Apr 2024 18:23

Instrument :

BNA_G

ClientSampleId :



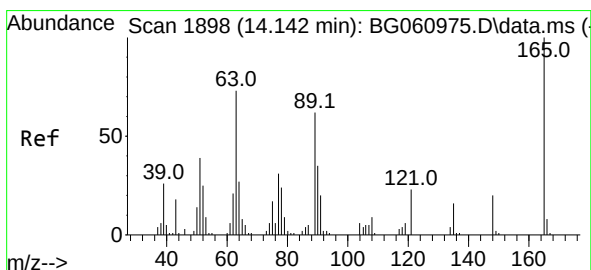
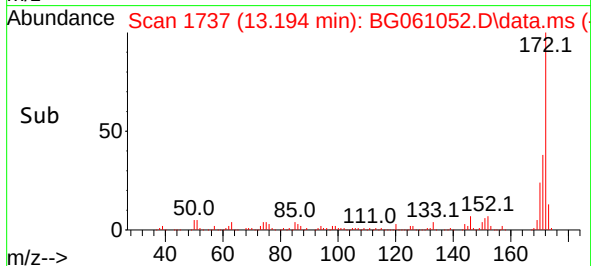
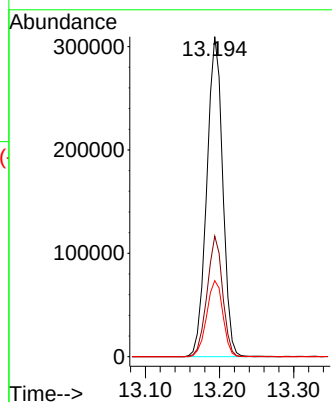
Tgt Ion:172 Resp: 462276

Ion Ratio Lower Upper

172 100

171 37.7 29.3 43.9

170 23.8 20.1 30.1



#51

2,6-Dinitrotoluene

Concen: 7.878 ng

RT: 14.568 min Scan# 1971

Delta R.T. 0.427 min

Lab File: BG061052.D

Acq: 29 Apr 2024 18:23

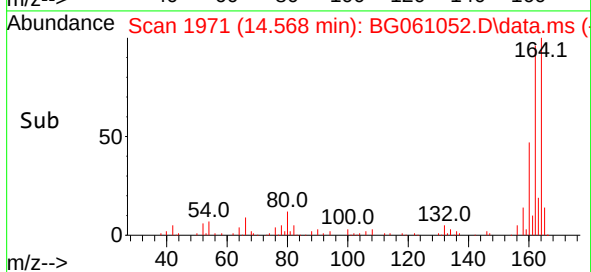
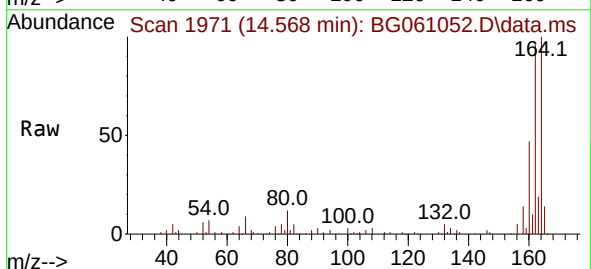
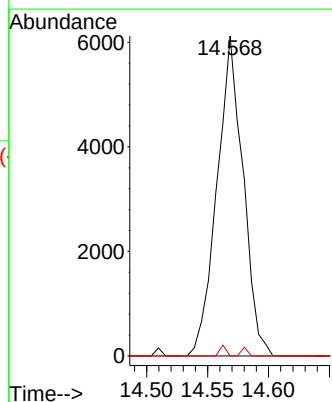
Tgt Ion:165 Resp: 9129

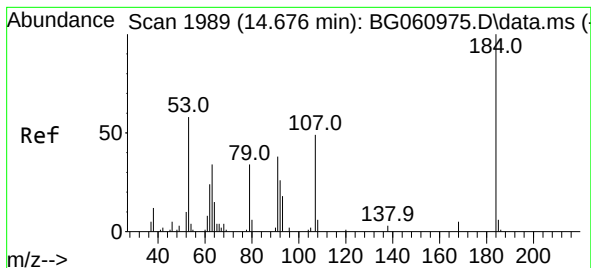
Ion Ratio Lower Upper

165 100

63 0.0 59.6 89.4#

89 0.0 49.4 74.0#





#54

2,4-Dinitrophenol

Concen: 5.636 ng

RT: 14.927 min Scan# 2032

Delta R.T. 0.251 min

Lab File: BG061052.D

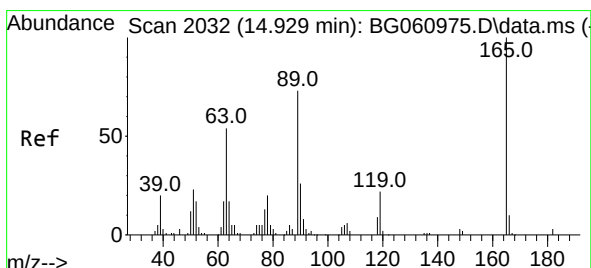
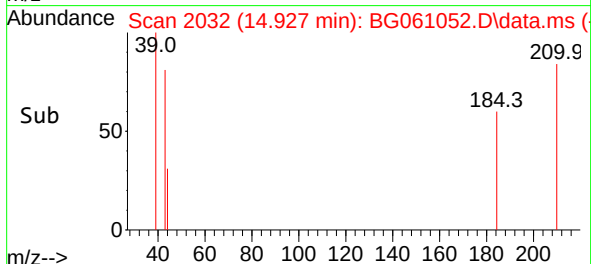
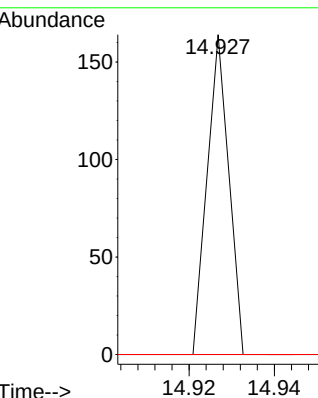
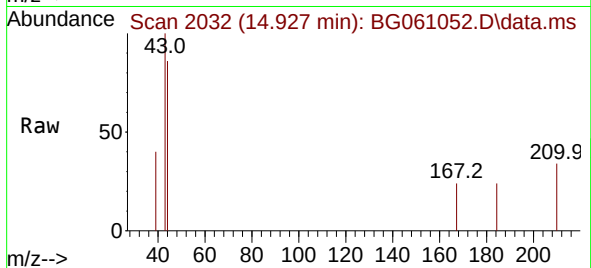
Acq: 29 Apr 2024 18:23

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:184	Resp:	58
Ion	Ratio	Lower Upper
184	100	
63	0.0	59.0 88.6#
154	0.0	61.2 91.8#



#57

2,4-Dinitrotoluene

Concen: 5.470 ng

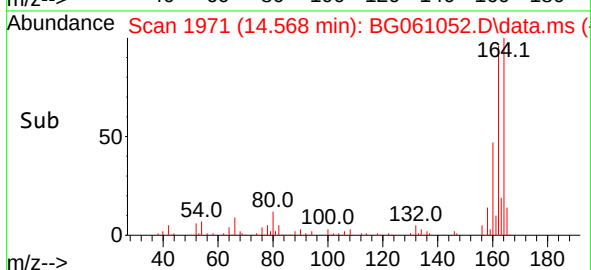
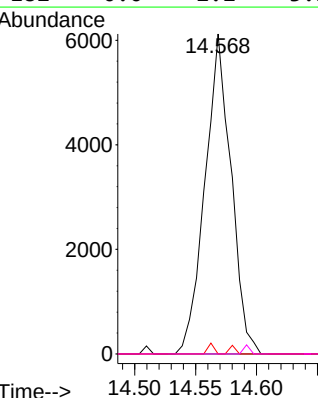
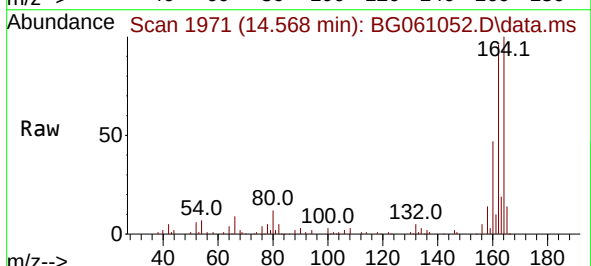
RT: 14.568 min Scan# 1971

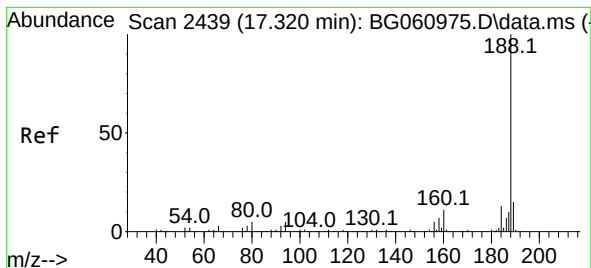
Delta R.T. -0.360 min

Lab File: BG061052.D

Acq: 29 Apr 2024 18:23

Tgt Ion:165	Resp:	9129
Ion	Ratio	Lower Upper
165	100	
63	0.0	43.4 65.2#
89	0.0	58.4 87.6#
182	0.0	2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG061052.D

Acq: 29 Apr 2024 18:23

Instrument :

BNA_G

ClientSampleId :

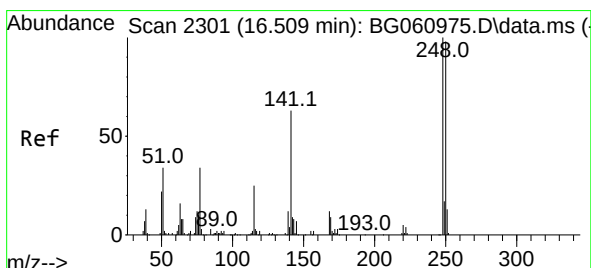
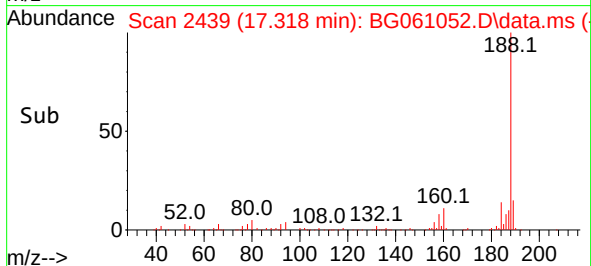
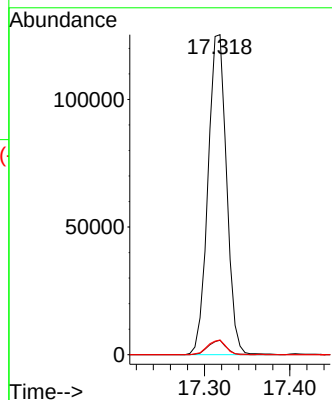
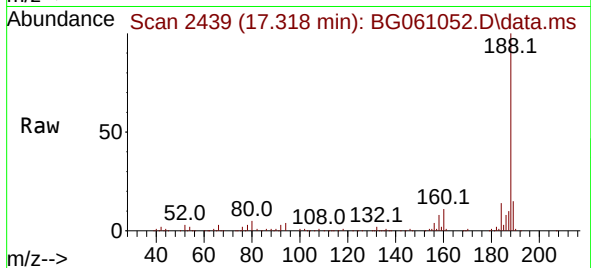
Tgt Ion:188 Resp: 189325

Ion Ratio Lower Upper

188 100

94 4.5 4.1 6.1

80 4.6 4.0 6.0



#67

4-Bromophenyl-phenylether

Concen: 5.393 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.449 min

Lab File: BG061052.D

Acq: 29 Apr 2024 18:23

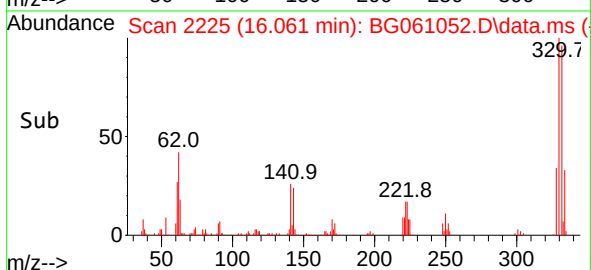
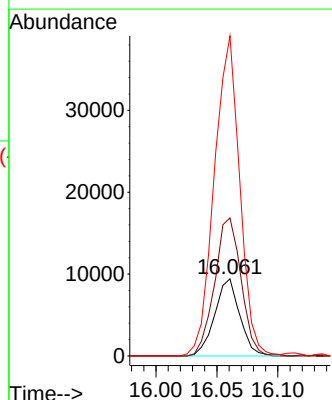
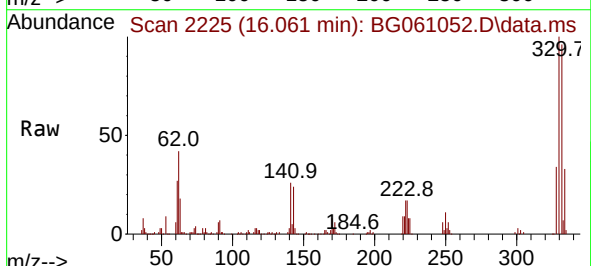
Tgt Ion:248 Resp: 13475

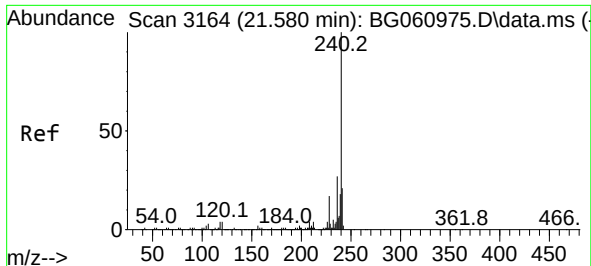
Ion Ratio Lower Upper

248 100

250 179.2 78.7 118.1#

141 415.3 50.4 75.6#

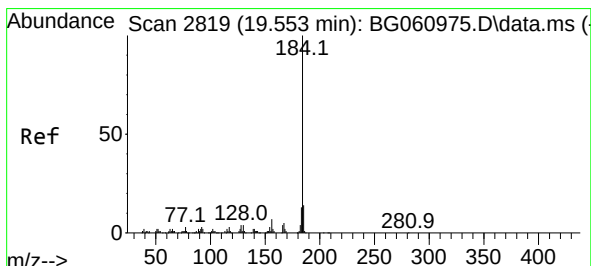
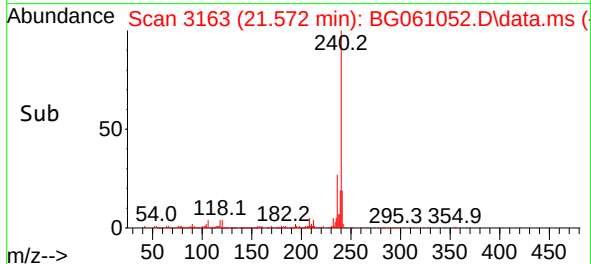
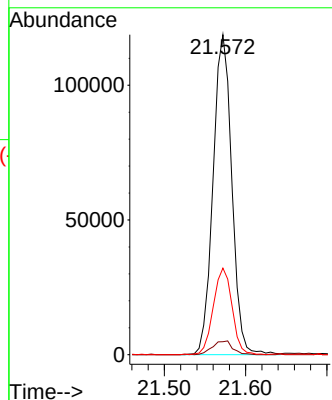
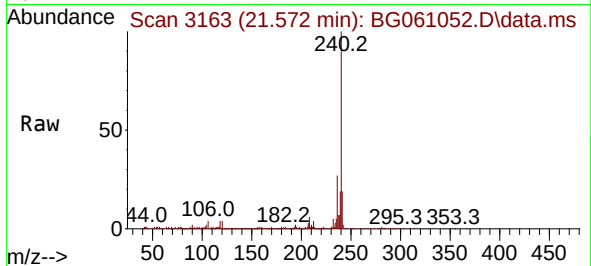




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.008 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

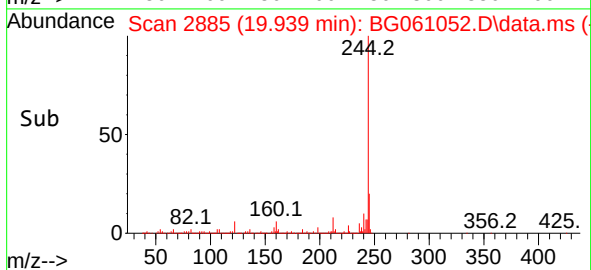
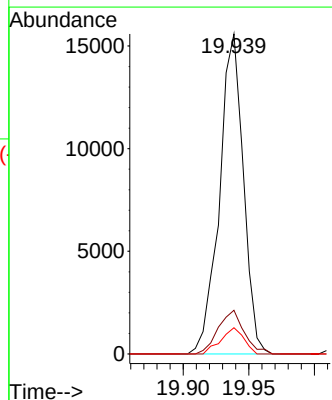
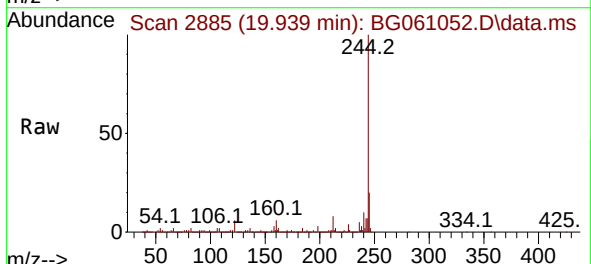
Instrument :
BNA_G
ClientSampleId :

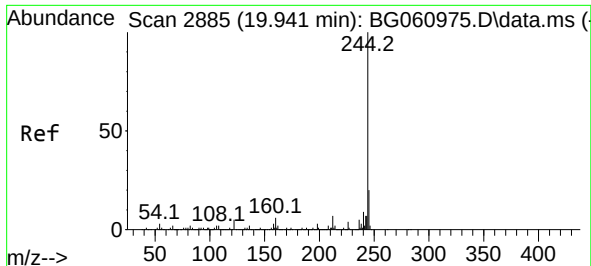
Tgt Ion:240 Resp: 190660
Ion Ratio Lower Upper
240 100
120 4.1 3.0 4.6
236 27.0 21.8 32.6



#77
Benzidine
Concen: 5.587 ng
RT: 19.939 min Scan# 2885
Delta R.T. 0.386 min
Lab File: BG061052.D
Acq: 29 Apr 2024 18:23

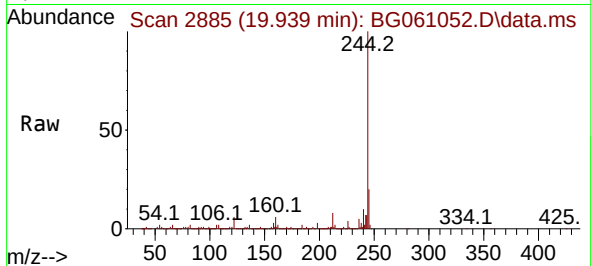
Tgt Ion:184 Resp: 19738
Ion Ratio Lower Upper
184 100
185 13.6 11.3 16.9
183 8.2 10.2 15.2#



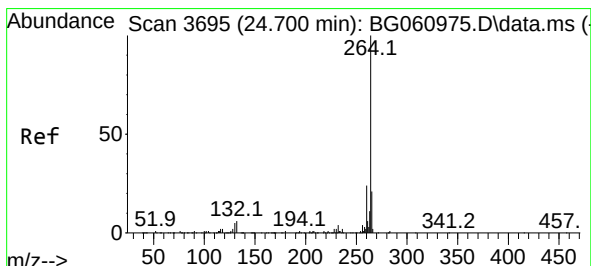
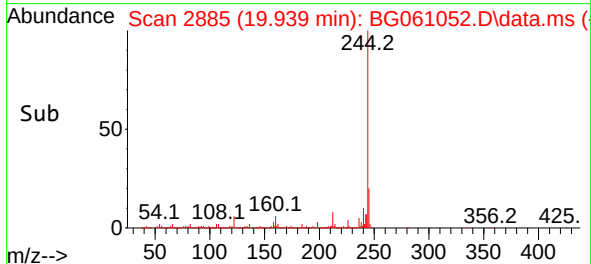
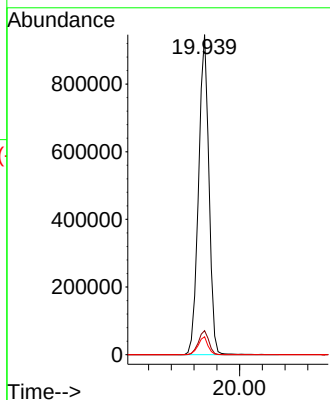


#79
 Terphenyl-d14
 Concen: 97.458 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG061052.D
 Acq: 29 Apr 2024 18:23

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1197068
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 5.6 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.008 min
 Lab File: BG061052.D
 Acq: 29 Apr 2024 18:23

Tgt Ion:264 Resp: 220021
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.2
 265 20.2 17.0 25.4

