

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061178.D
 Acq On : 13 May 2024 16:46
 Operator : MA/JU
 Sample : P2450-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-RB240507-01

Quant Time: May 13 18:00:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

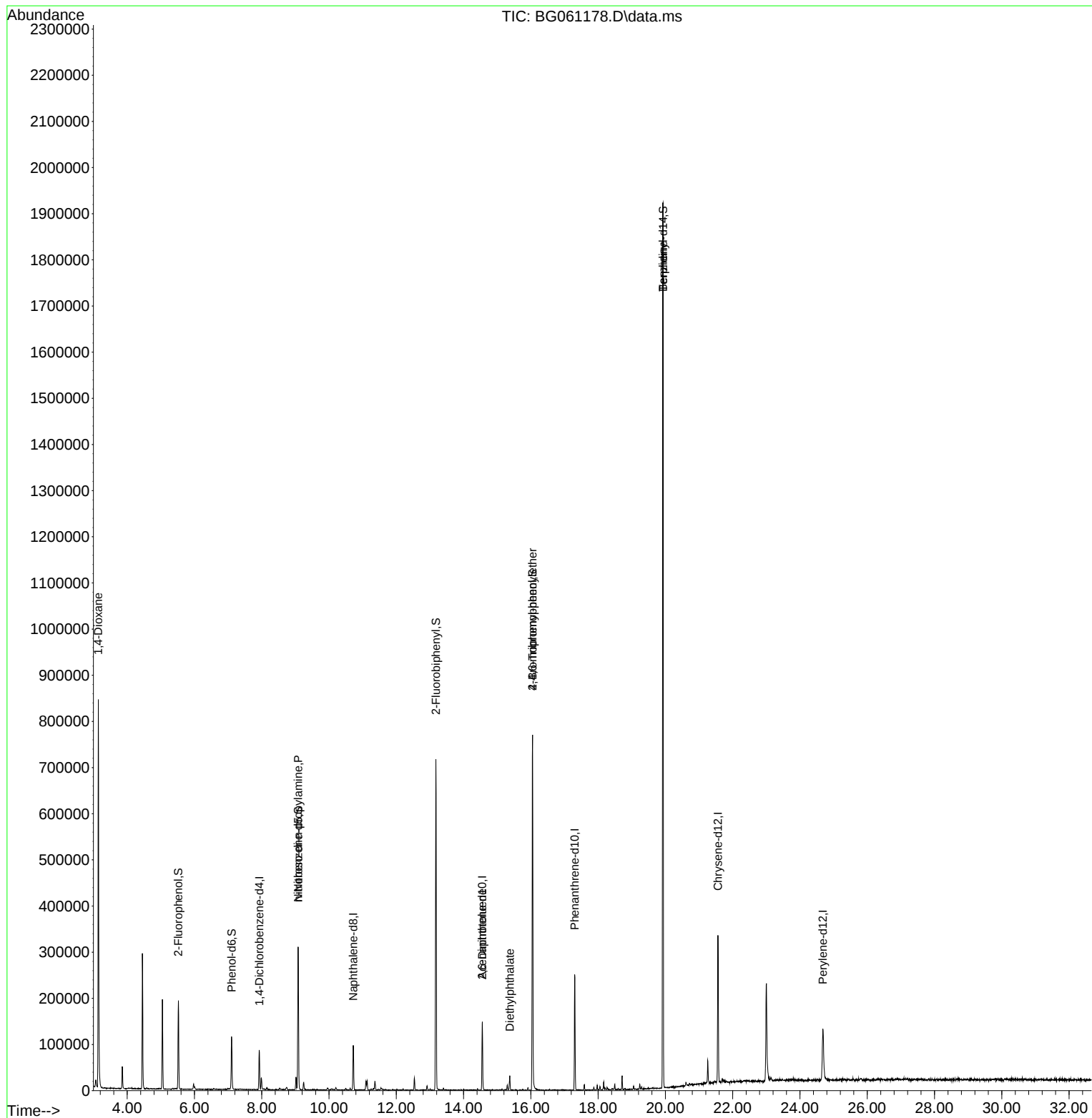
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	22158	20.000	ng	-0.04
21) Naphthalene-d8	10.722	136	74949	20.000	ng	#-0.04
39) Acenaphthene-d10	14.553	164	55665	20.000	ng	-0.04
64) Phenanthrene-d10	17.303	188	165607	20.000	ng	-0.03
76) Chrysene-d12	21.562	240	188719	20.000	ng	-0.03
86) Perylene-d12	24.682	264	100657	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	64244	58.965	ng	-0.02
7) Phenol-d6	7.103	99	49858	30.934	ng	-0.03
23) Nitrobenzene-d5	9.083	82	155075	102.569	ng	-0.04
42) 2,4,6-Tribromophenol	16.051	330	172577	155.105	ng	-0.02
45) 2-Fluorobiphenyl	13.178	172	370848	98.514	ng	-0.03
79) Terphenyl-d14	19.929	244	1060593	93.468	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.143	88	5977	13.568	ng	# 1
9) Benzaldehyde	7.103	77	60	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.083	70	23047	19.107	ng	# 62
51) 2,6-Dinitrotoluene	14.553	165	7341	7.982	ng	# 15
60) Diethylphthalate	15.375	149	15744	3.631	ng	# 93
67) 4-Bromophenyl-phenylether	16.051	248	10387	5.324	ng	# 1
77) Benizidine	19.929	184	16504	7.123	ng	# 94

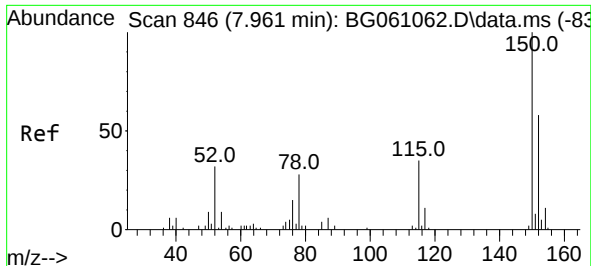
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061178.D
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Quant Time: May 13 18:00:14 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
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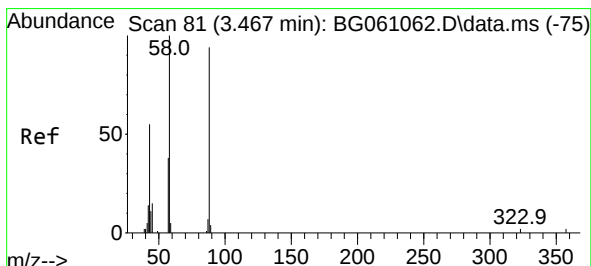
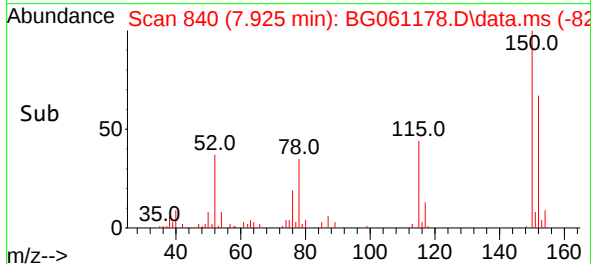
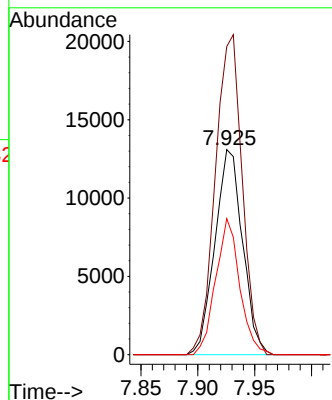
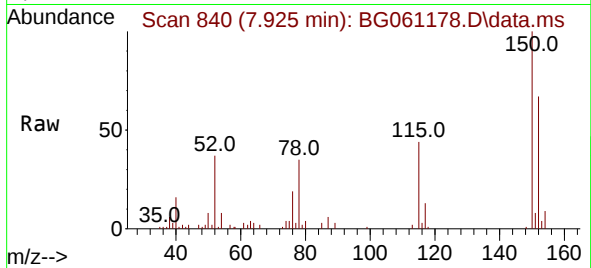




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.925 min Scan# 84
 Delta R.T. -0.036 min
 Lab File: BG061178.D
 Acq: 13 May 2024 16:46

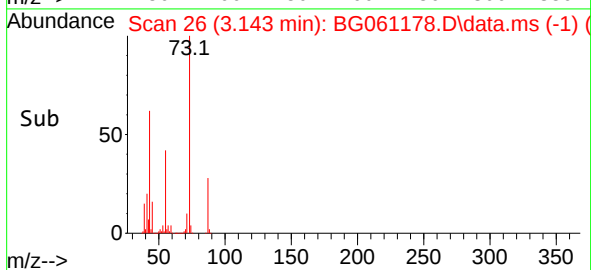
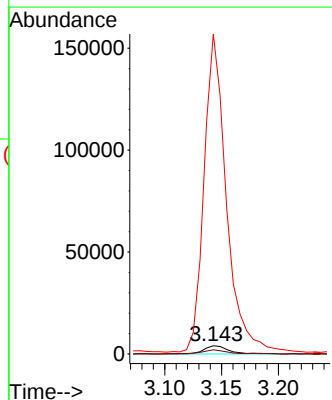
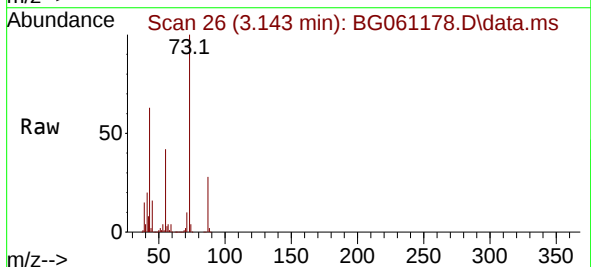
Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-RB240507-01

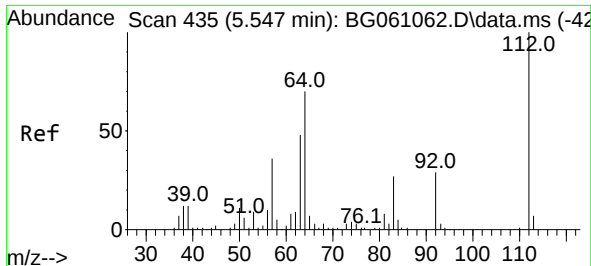
Tgt Ion:152 Resp: 22158
 Ion Ratio Lower Upper
 152 100
 150 150.2 138.3 207.5
 115 66.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 13.568 ng
 RT: 3.143 min Scan# 26
 Delta R.T. -0.324 min
 Lab File: BG061178.D
 Acq: 13 May 2024 16:46

Tgt Ion: 88 Resp: 5977
 Ion Ratio Lower Upper
 88 100
 58 53.5 81.2 121.8#
 43 3577.6 45.0 67.4#

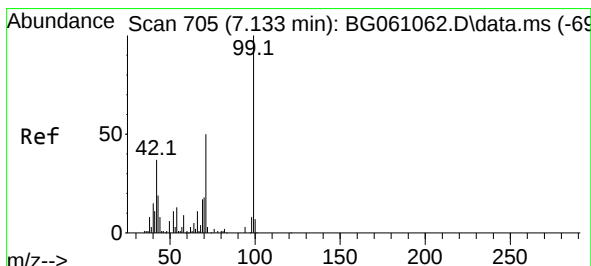
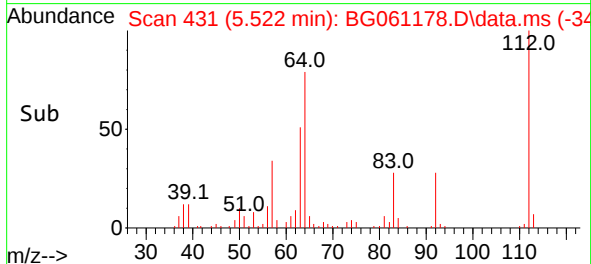
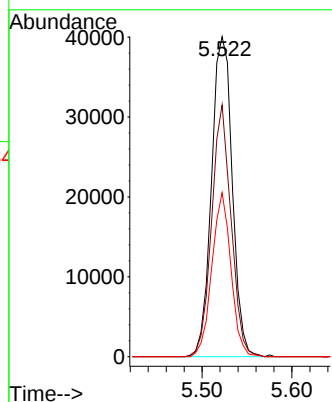
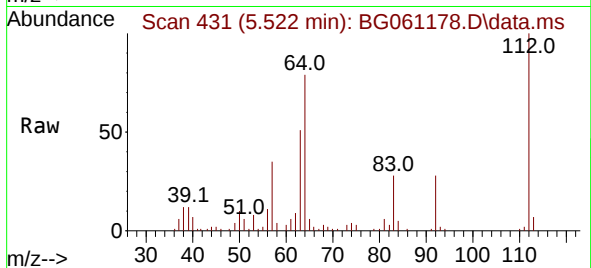




#5
2-Fluorophenol
Concen: 58.965 ng
RT: 5.522 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

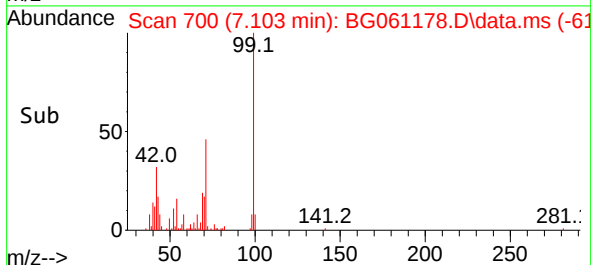
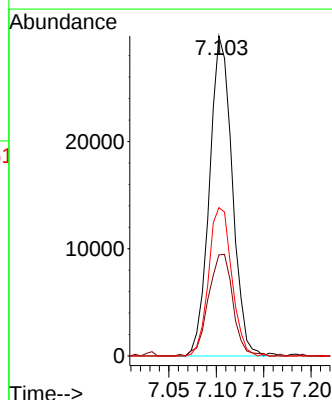
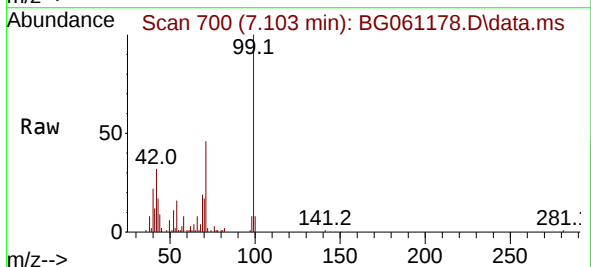
Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

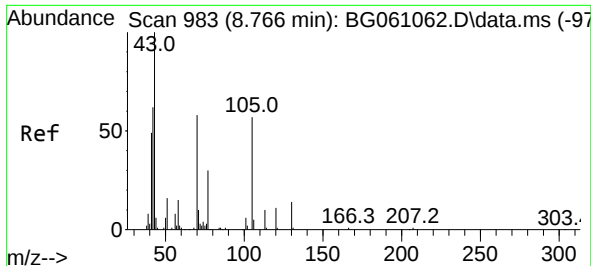
Tgt Ion:112 Resp: 64244
Ion Ratio Lower Upper
112 100
64 78.7 55.7 83.5
63 51.3 38.1 57.1



#7
Phenol-d6
Concen: 30.934 ng
RT: 7.103 min Scan# 700
Delta R.T. -0.030 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

Tgt Ion: 99 Resp: 49858
Ion Ratio Lower Upper
99 100
42 31.6 29.2 43.8
71 46.4 39.7 59.5

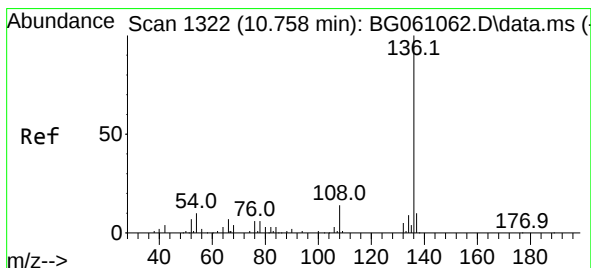
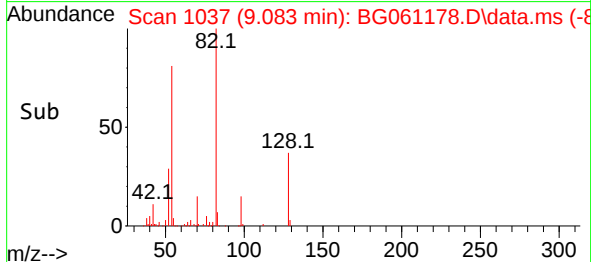
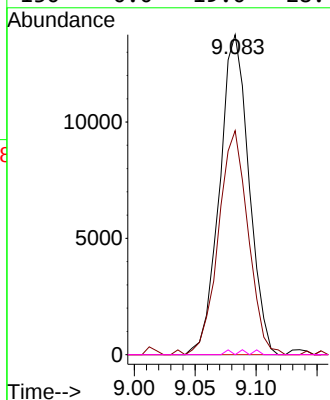
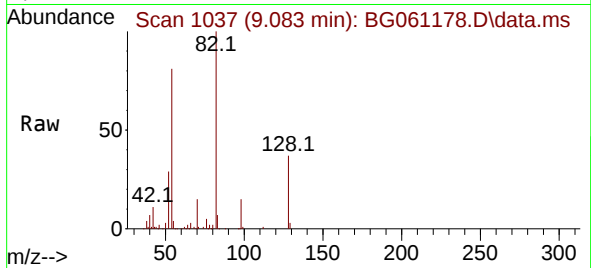




#19
n-Nitroso-di-n-propylamine
Concen: 19.107 ng
RT: 9.083 min Scan# 101
Delta R.T. 0.316 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

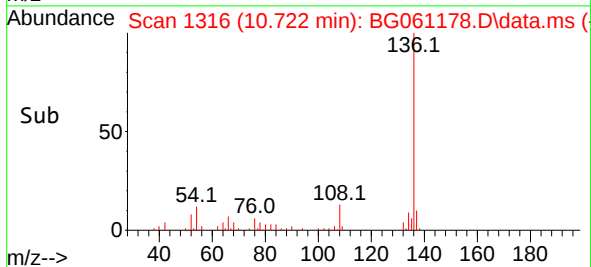
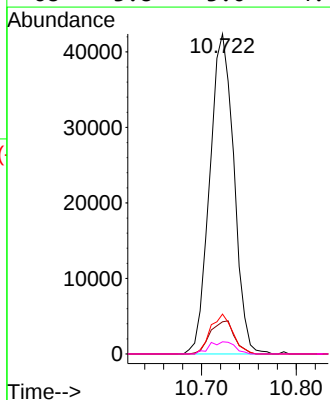
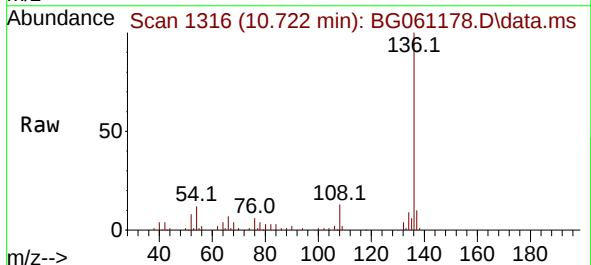
Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

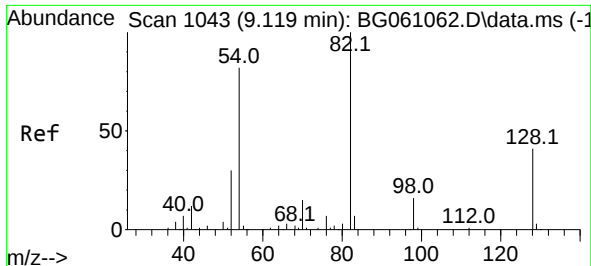
Tgt Ion: 70 Resp: 23047
Ion Ratio Lower Upper
70 100
42 70.0 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.036 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

Tgt Ion: 136 Resp: 74949
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 12.5 8.1 12.1#
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 102.569 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01

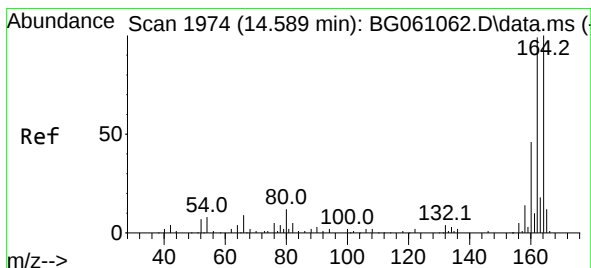
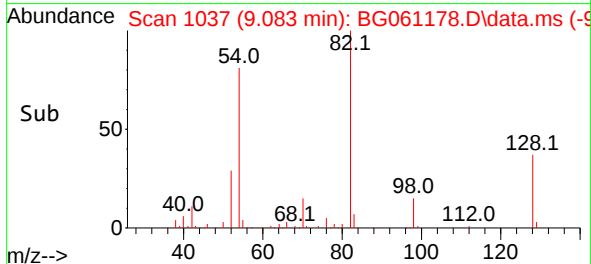
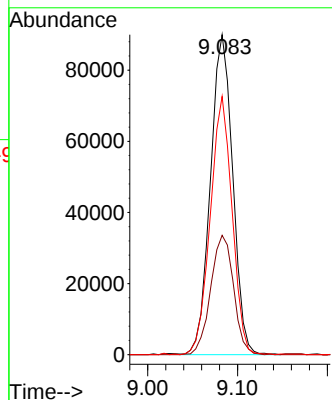
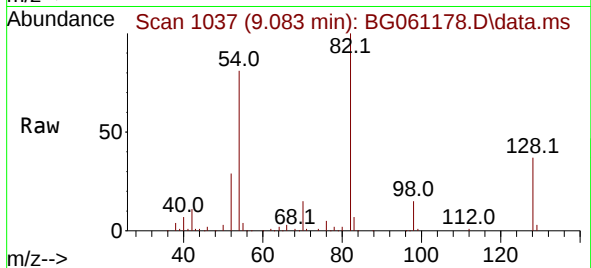
Tgt Ion: 82 Resp: 155075

Ion Ratio Lower Upper

82 100

128 37.3 32.7 49.1

54 80.7 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1968

Delta R.T. -0.036 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

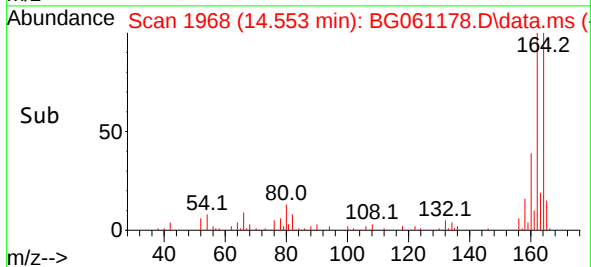
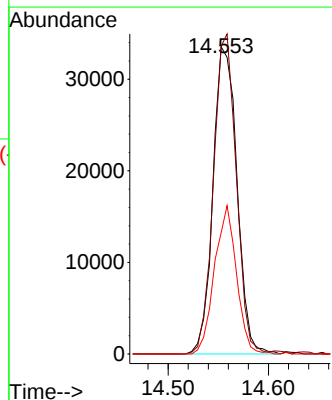
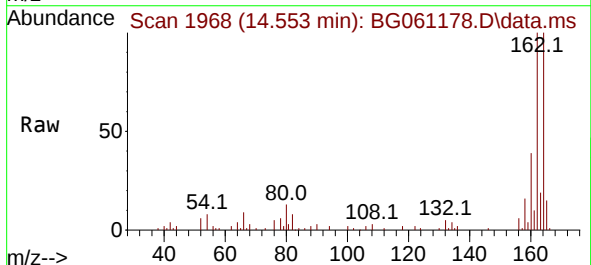
Tgt Ion:164 Resp: 55665

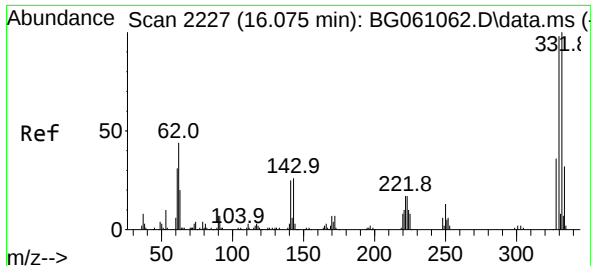
Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 39.5 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 155.105 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG061178.D

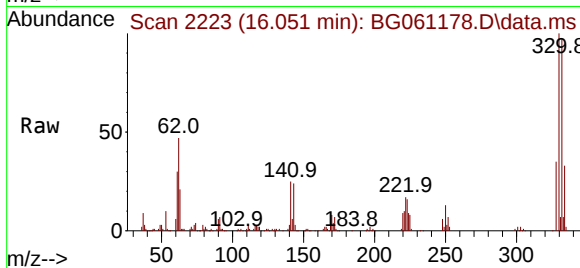
Acq: 13 May 2024 16:46

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01



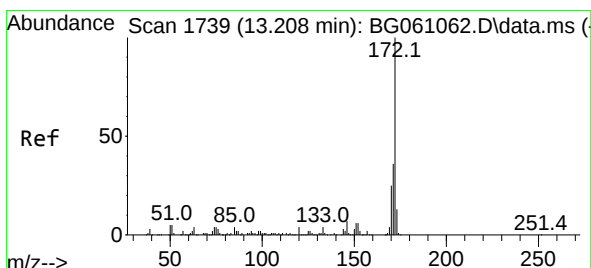
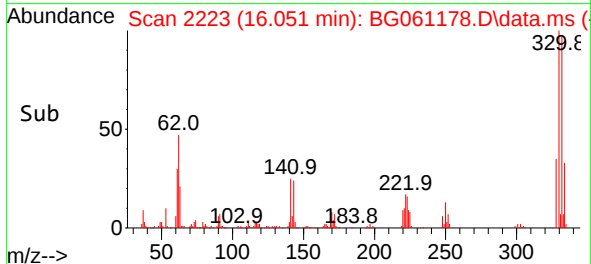
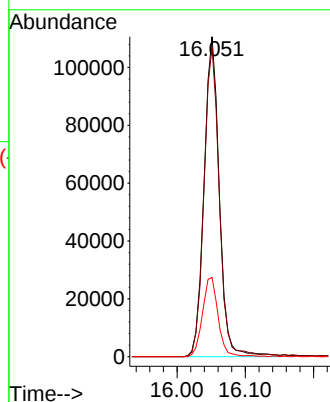
Tgt Ion:330 Resp: 172577

Ion Ratio Lower Upper

330 100

332 97.0 78.6 117.8

141 25.3 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 98.514 ng

RT: 13.178 min Scan# 1734

Delta R.T. -0.030 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

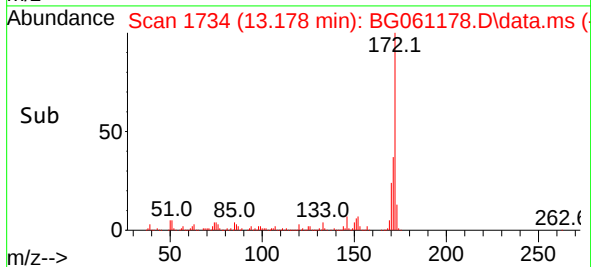
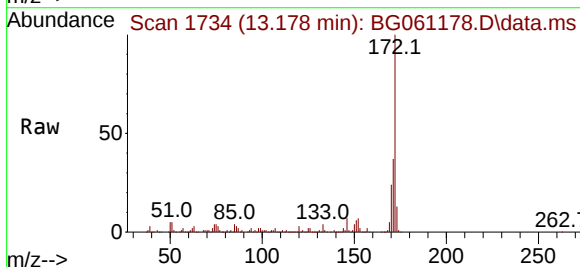
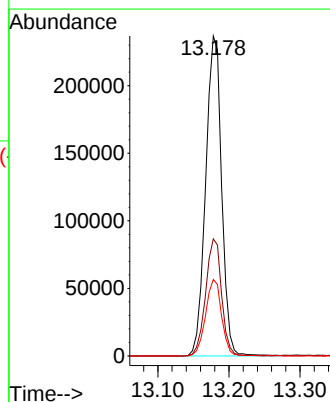
Tgt Ion:172 Resp: 370848

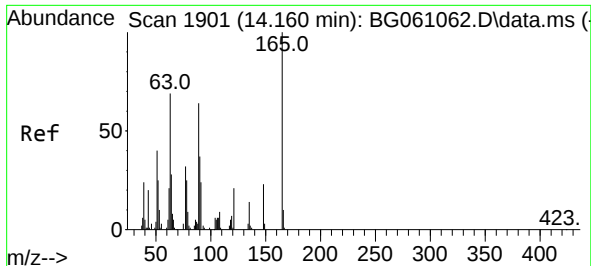
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.9 20.2 30.4

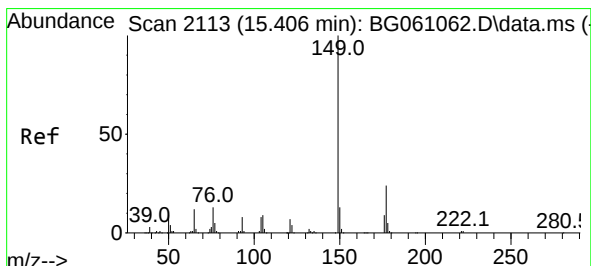
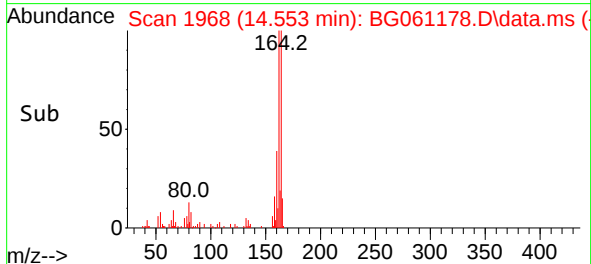
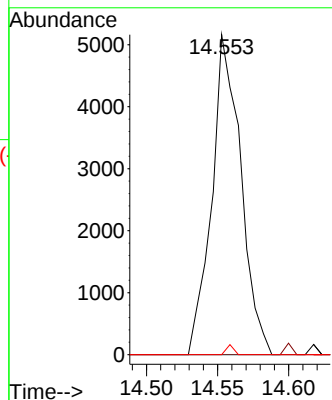
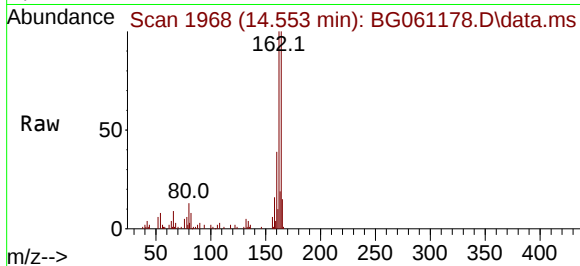




#51
2,6-Dinitrotoluene
Concen: 7.982 ng
RT: 14.553 min Scan# 1901
Delta R.T. 0.393 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

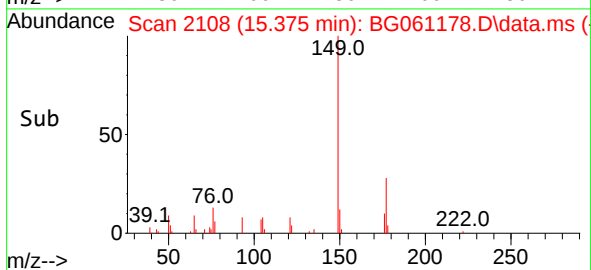
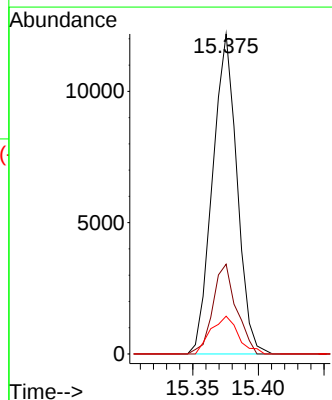
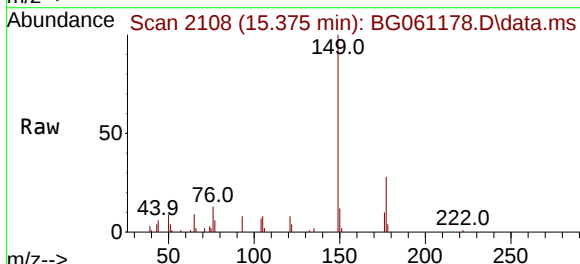
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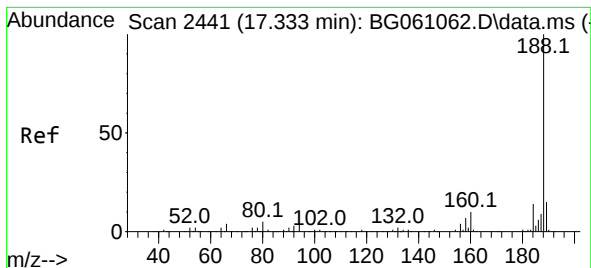
Tgt Ion:165 Resp: 7341
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#60
Diethylphthalate
Concen: 3.631 ng
RT: 15.375 min Scan# 2108
Delta R.T. -0.030 min
Lab File: BG061178.D
Acq: 13 May 2024 16:46

Tgt Ion:149 Resp: 15744
Ion Ratio Lower Upper
149 100
177 28.0 19.1 28.7
150 11.8 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2441

Delta R.T. -0.030 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01

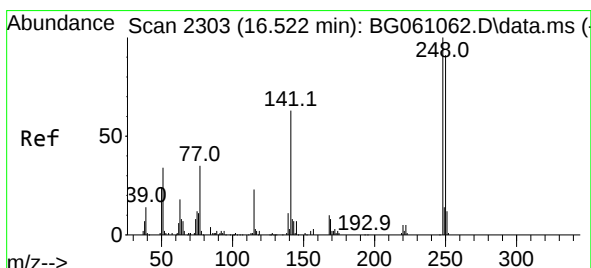
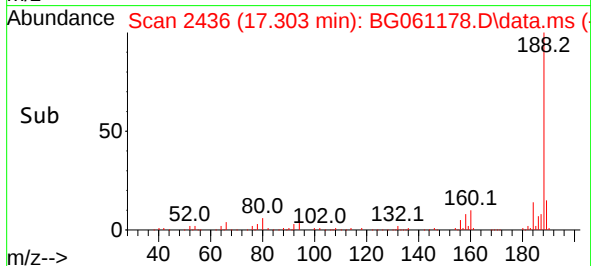
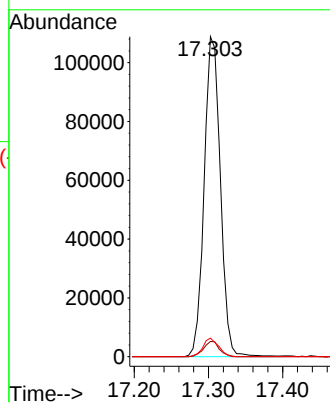
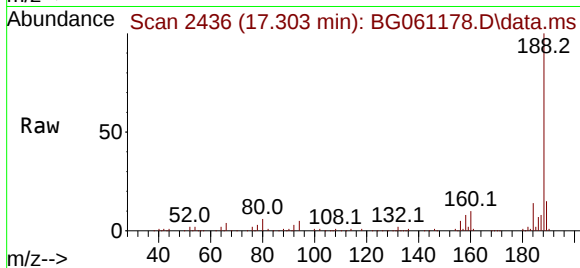
Tgt Ion:188 Resp: 165607

Ion Ratio Lower Upper

188 100

94 4.8 3.6 5.4

80 5.8 4.2 6.2



#67

4-Bromophenyl-phenylether

Concen: 5.324 ng

RT: 16.051 min Scan# 2223

Delta R.T. -0.471 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

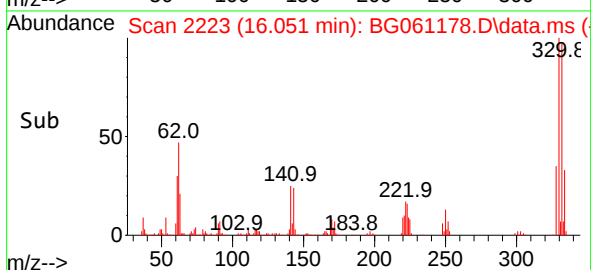
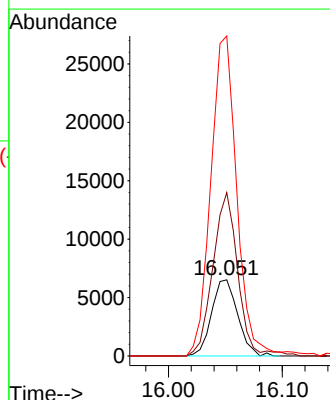
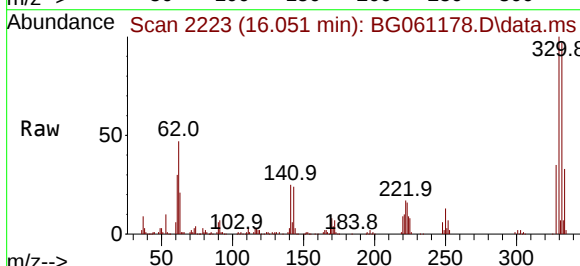
Tgt Ion:248 Resp: 10387

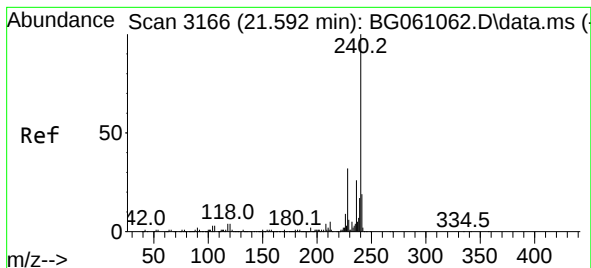
Ion Ratio Lower Upper

248 100

250 214.6 73.0 109.4#

141 420.3 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3166

Delta R.T. -0.030 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01

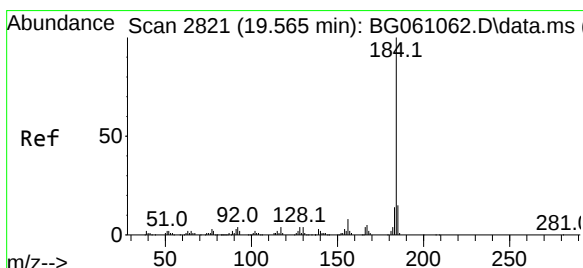
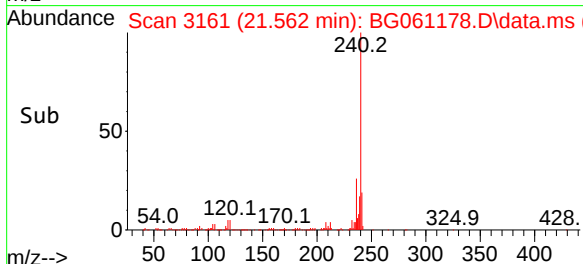
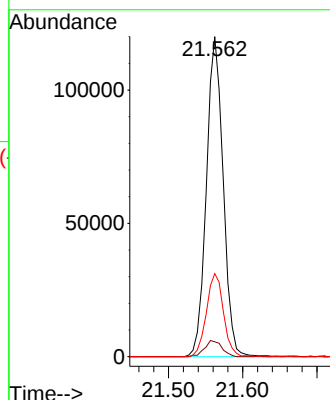
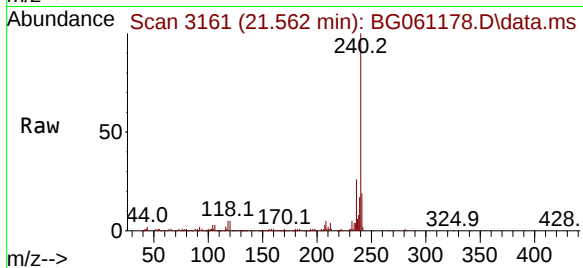
Tgt Ion:240 Resp: 188719

Ion Ratio Lower Upper

240 100

120 4.6 3.2 4.8

236 25.9 21.0 31.6



#77

Benzidine

Concen: 7.123 ng

RT: 19.929 min Scan# 2883

Delta R.T. 0.364 min

Lab File: BG061178.D

Acq: 13 May 2024 16:46

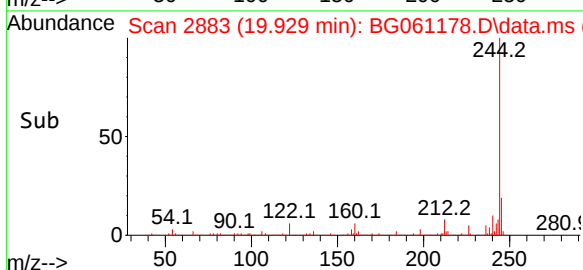
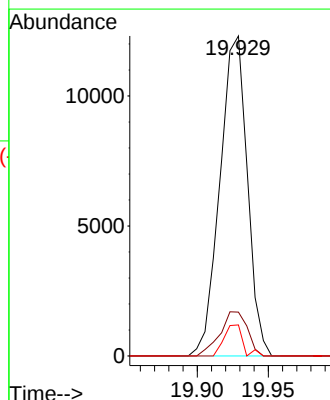
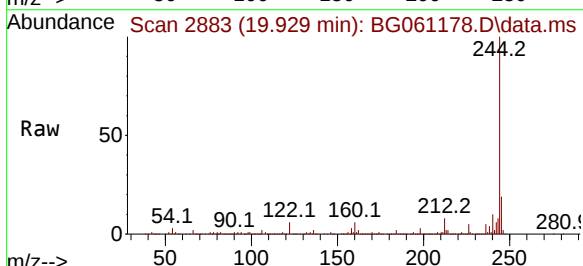
Tgt Ion:184 Resp: 16504

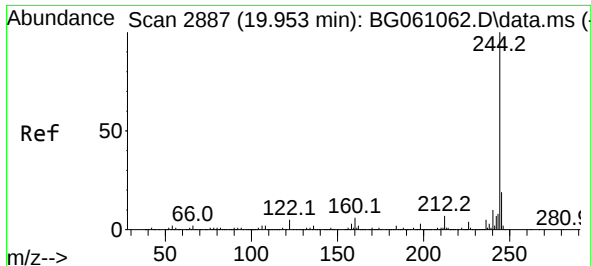
Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

183 9.7 10.9 16.3#

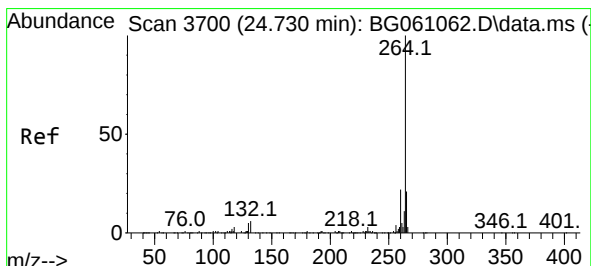
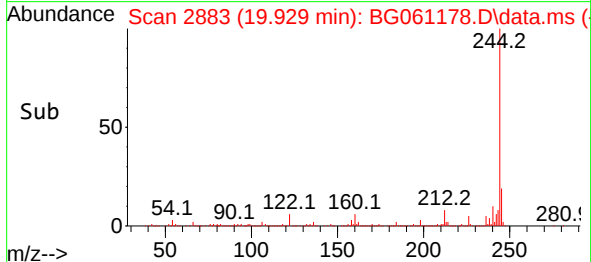
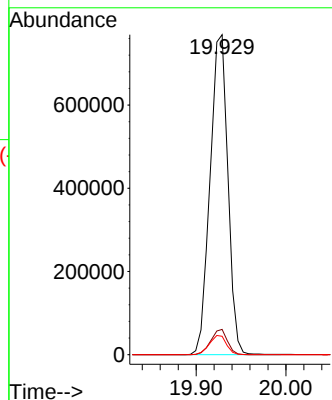
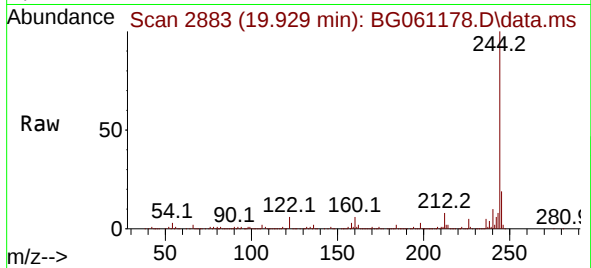




#79
 Terphenyl-d14
 Concen: 93.468 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BG061178.D
 Acq: 13 May 2024 16:46

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-RB240507-01

Tgt Ion:244 Resp: 1060593
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.682 min Scan# 3692
 Delta R.T. -0.048 min
 Lab File: BG061178.D
 Acq: 13 May 2024 16:46

Tgt Ion:264 Resp: 100657
 Ion Ratio Lower Upper
 264 100
 260 26.2 17.7 26.5
 265 21.5 16.4 24.6

