

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061203.D
 Acq On : 15 May 2024 12:56
 Operator : MA/JU
 Sample : P2450-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-RB240507-01

Quant Time: May 15 13:40:08 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)

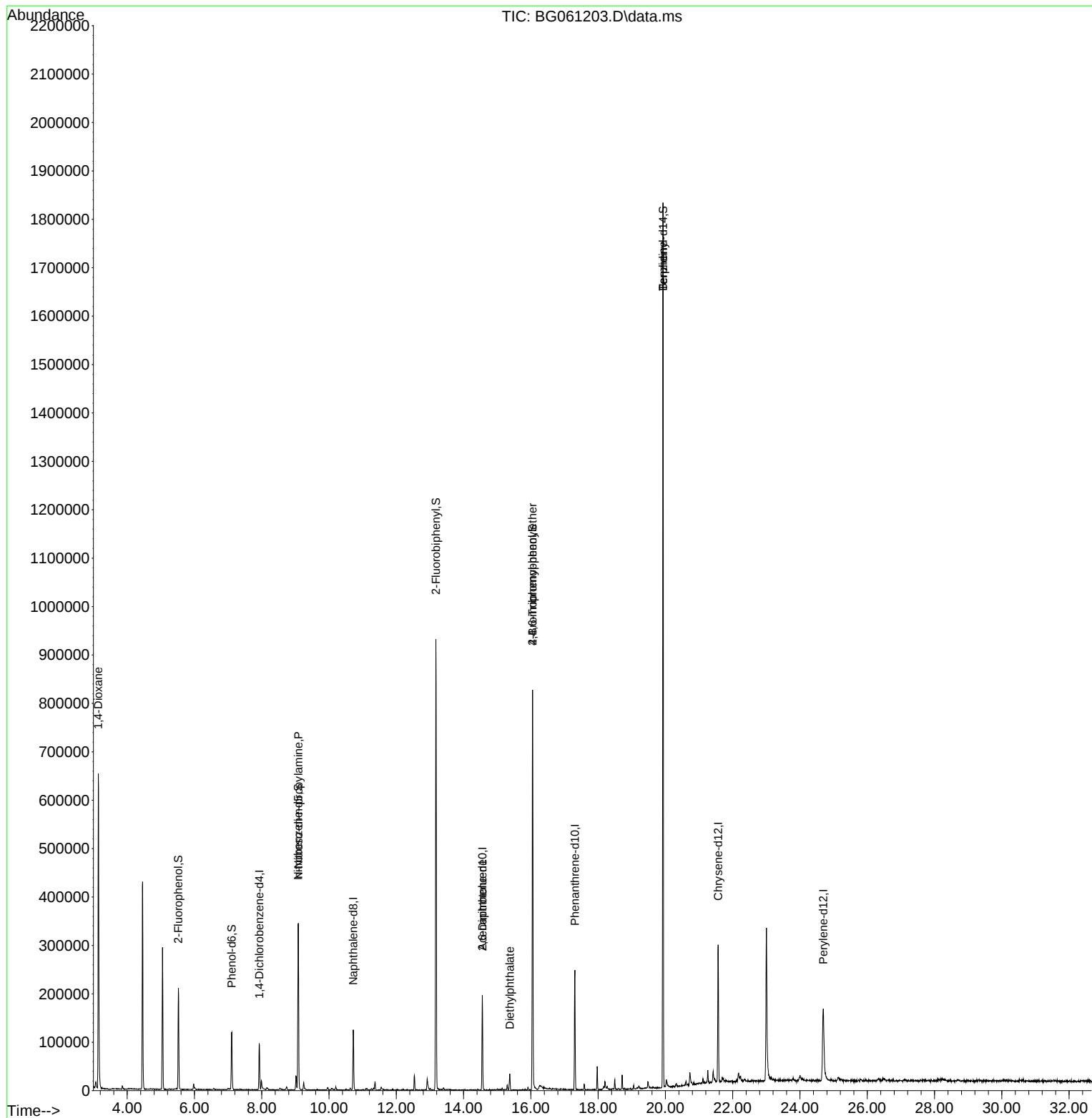
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	24532	20.000	ng	-0.04
21) Naphthalene-d8	10.721	136	93324	20.000	ng	#-0.04
39) Acenaphthene-d10	14.558	164	71255	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	167080	20.000	ng	#-0.02
76) Chrysene-d12	21.568	240	173893	20.000	ng	-0.02
86) Perylene-d12	24.693	264	201984	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	72347	59.977	ng	-0.02
7) Phenol-d6	7.108	99	55202	30.935	ng	-0.02
23) Nitrobenzene-d5	9.082	82	179029	95.097	ng	-0.04
42) 2,4,6-Tribromophenol	16.050	330	185863	130.498	ng	-0.02
45) 2-Fluorobiphenyl	13.177	172	467907	97.102	ng	-0.03
79) Terphenyl-d14	19.928	244	939893	89.893	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.142	88	5089	10.434	ng	# 1
9) Benzaldehyde	7.067	77	115	Below Cal		# 39
19) n-Nitroso-di-n-propyla...	9.088	70	26930	20.166	ng	# 60
51) 2,6-Dinitrotoluene	14.558	165	9322	7.919	ng	# 15
60) Diethylphthalate	15.375	149	16409	2.957	ng	# 98
67) 4-Bromophenyl-phenylether	16.050	248	11599	5.893	ng	# 1
77) Benizidine	19.928	184	14814	7.012	ng	# 87

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

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Misc :
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1011UMR-RB240507-01

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Response via : Initial Calibration

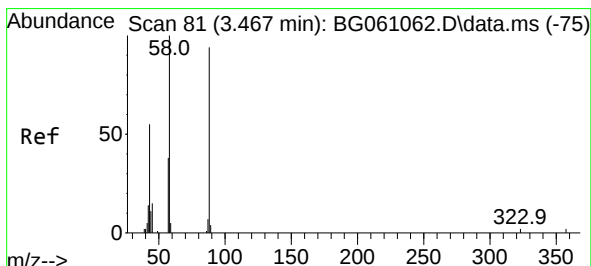
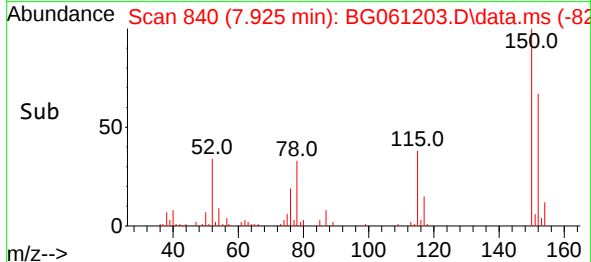
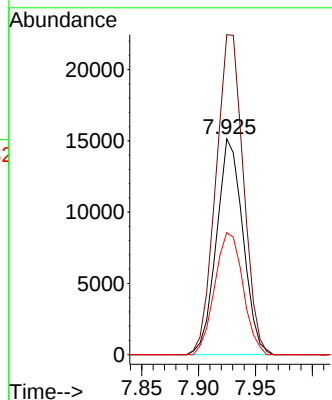
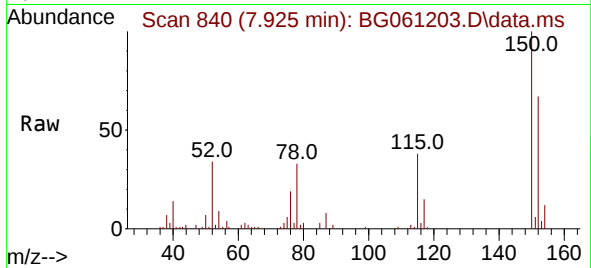




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.925 min Scan# 84
 Delta R.T. -0.036 min
 Lab File: BG061203.D
 Acq: 15 May 2024 12:56

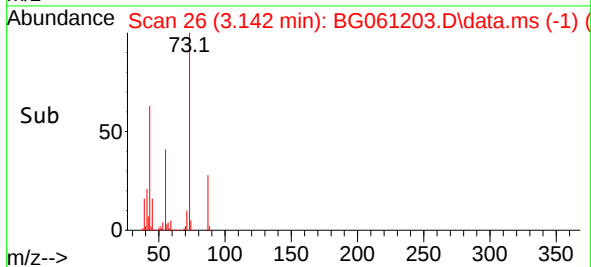
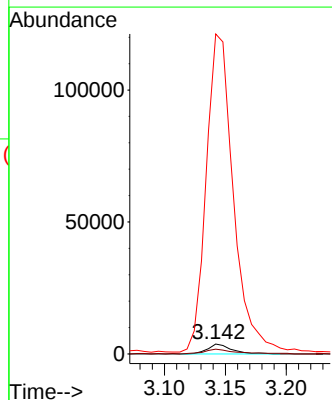
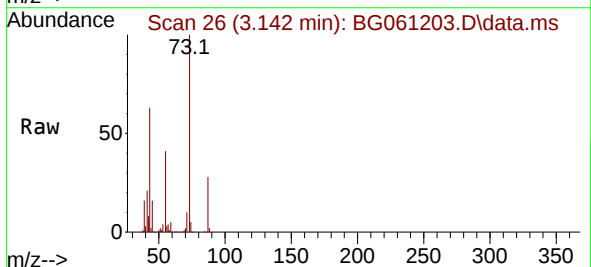
Instrument :
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 ClientSampleId :
 1011UMR-RB240507-01

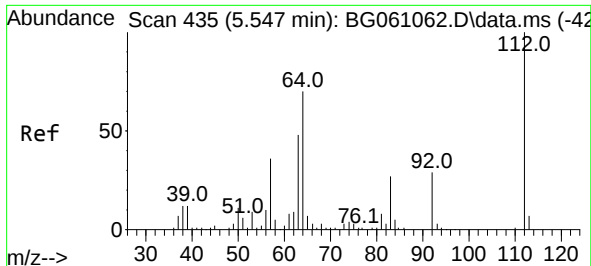
Tgt Ion:152 Resp: 24532
 Ion Ratio Lower Upper
 152 100
 150 148.2 138.3 207.5
 115 56.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 10.434 ng
 RT: 3.142 min Scan# 26
 Delta R.T. -0.325 min
 Lab File: BG061203.D
 Acq: 15 May 2024 12:56

Tgt Ion: 88 Resp: 5089
 Ion Ratio Lower Upper
 88 100
 58 66.4 81.2 121.8#
 43 3676.4 45.0 67.4#

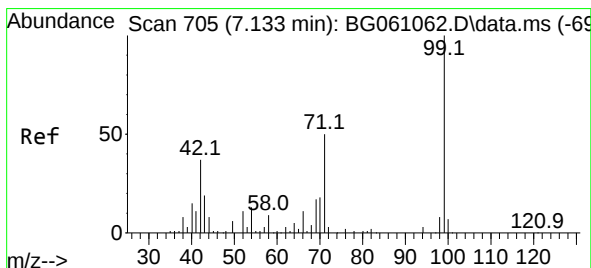
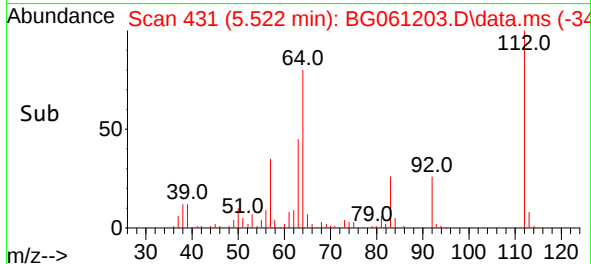
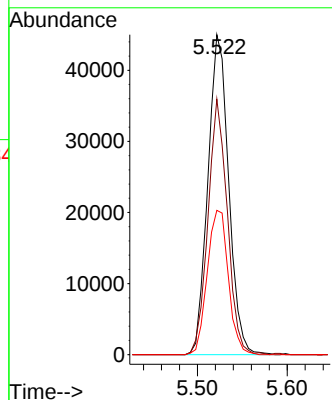
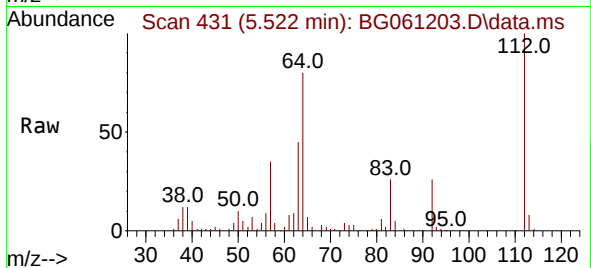




#5
2-Fluorophenol
Concen: 59.977 ng
RT: 5.522 min Scan# 41
Delta R.T. -0.025 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

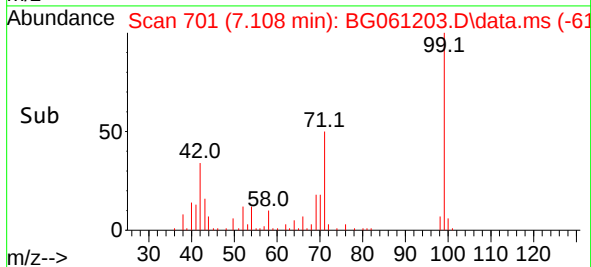
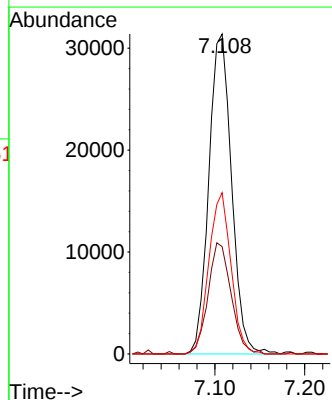
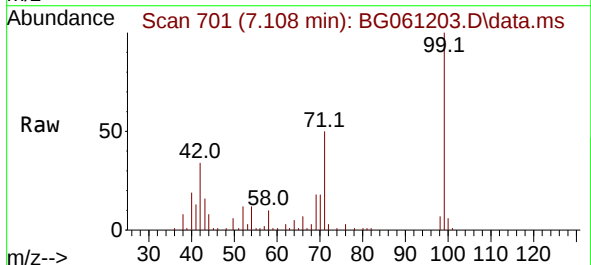
Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

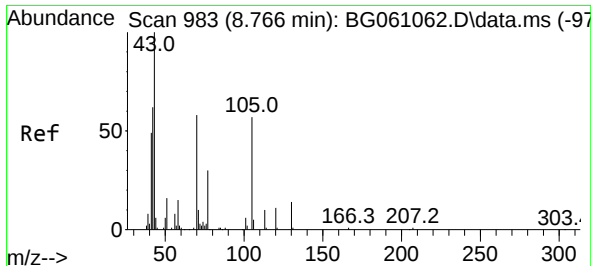
Tgt Ion:112 Resp: 72347
Ion Ratio Lower Upper
112 100
64 79.8 55.7 83.5
63 45.1 38.1 57.1



#7
Phenol-d6
Concen: 30.935 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.025 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Tgt Ion: 99 Resp: 55202
Ion Ratio Lower Upper
99 100
42 33.5 29.2 43.8
71 50.4 39.7 59.5

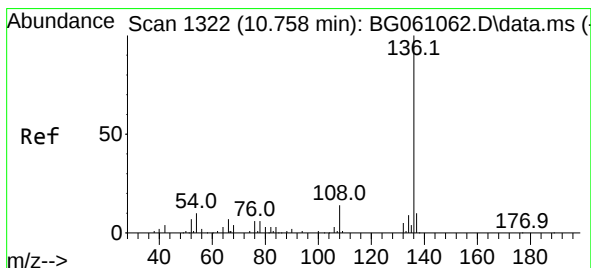
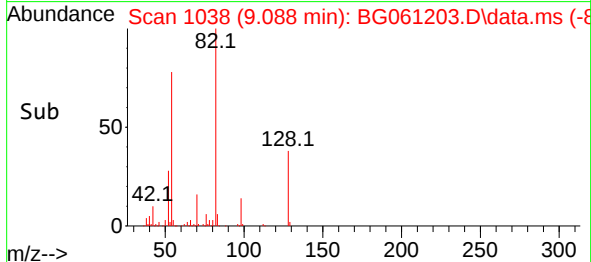
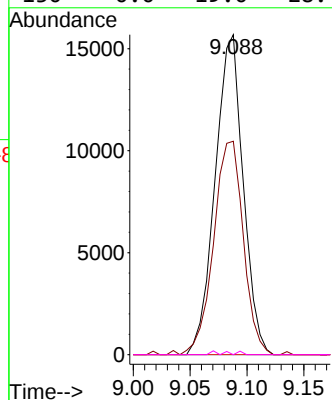
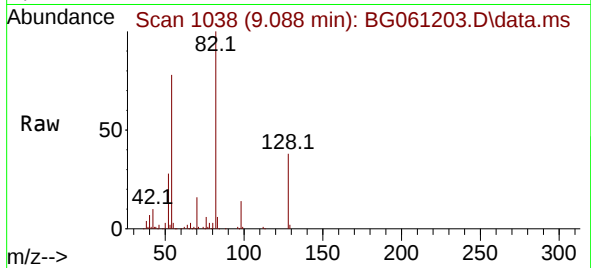




#19
n-Nitroso-di-n-propylamine
Concen: 20.166 ng
RT: 9.088 min Scan# 1038
Delta R.T. 0.322 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

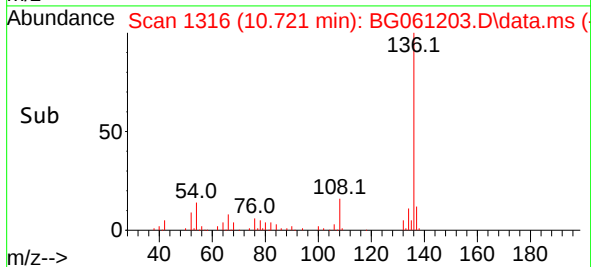
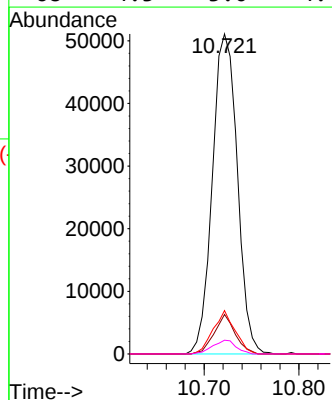
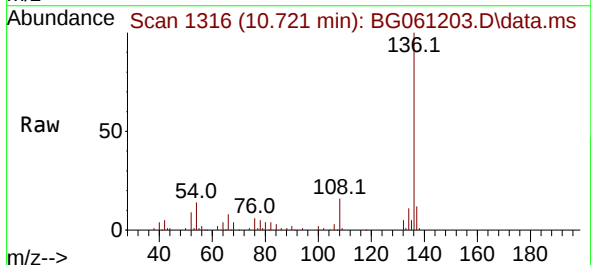
Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

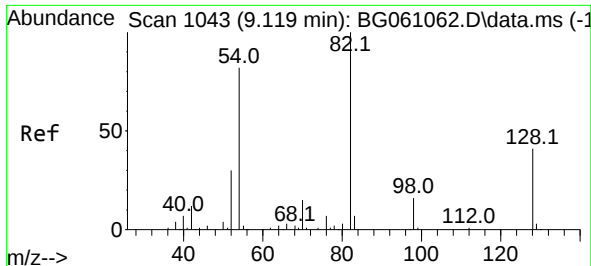
Tgt Ion: 70 Resp: 26930
Ion Ratio Lower Upper
70 100
42 66.7 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1316
Delta R.T. -0.037 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Tgt Ion: 136 Resp: 93324
Ion Ratio Lower Upper
136 100
137 12.3 7.8 11.6#
54 13.5 8.1 12.1#
68 4.3 3.0 4.4





#23

Nitrobenzene-d5

Concen: 95.097 ng

RT: 9.082 min Scan# 1043

Delta R.T. -0.037 min

Lab File: BG061203.D

Acq: 15 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01

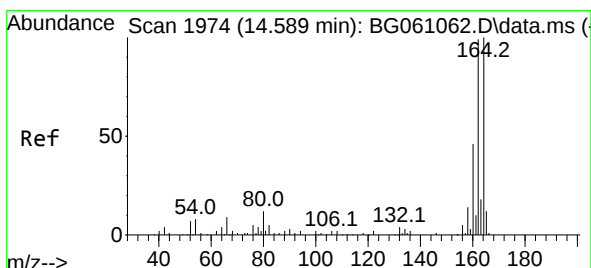
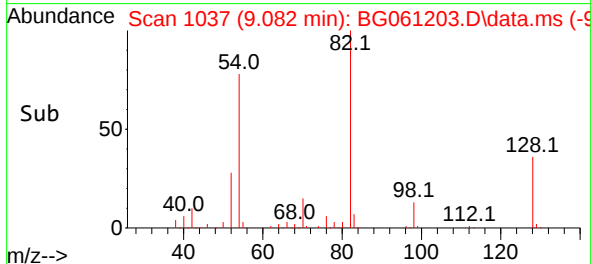
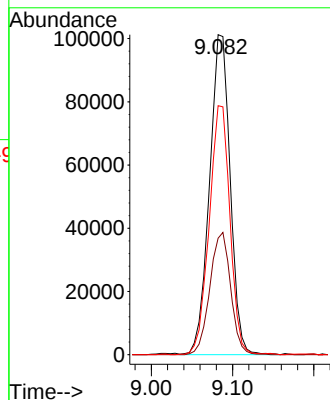
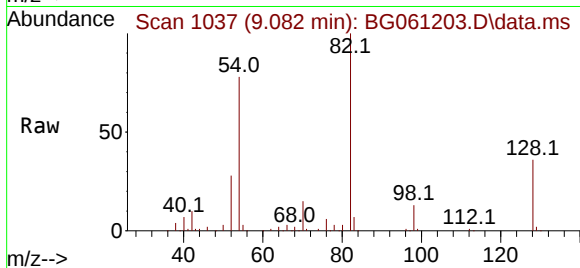
Tgt Ion: 82 Resp: 179029

Ion Ratio Lower Upper

82 100

128 36.4 32.7 49.1

54 77.8 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.558 min Scan# 1969

Delta R.T. -0.031 min

Lab File: BG061203.D

Acq: 15 May 2024 12:56

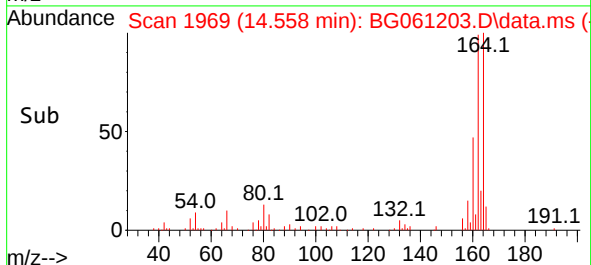
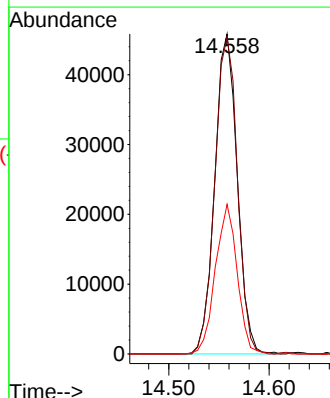
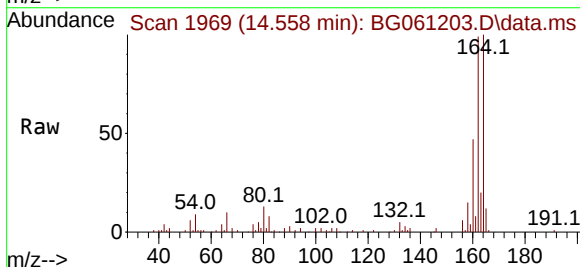
Tgt Ion:164 Resp: 71255

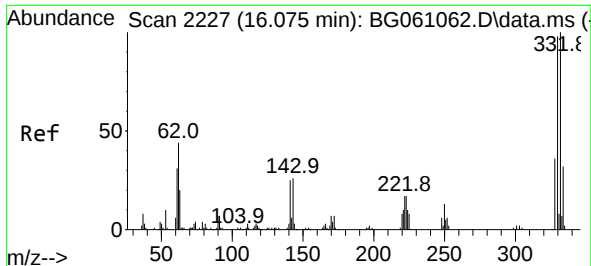
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.2

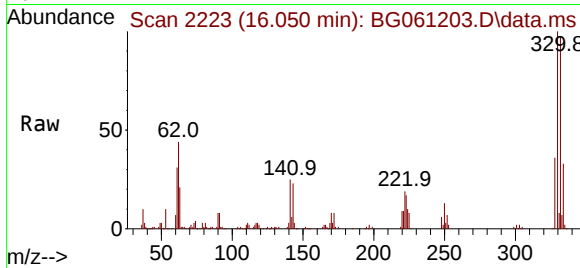
160 46.8 37.0 55.6



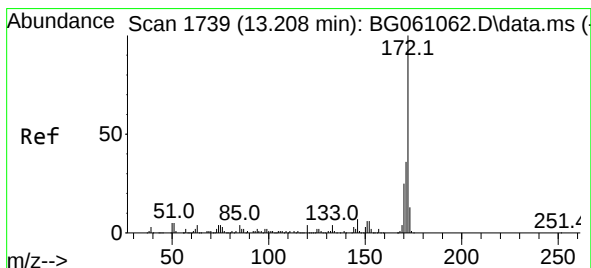
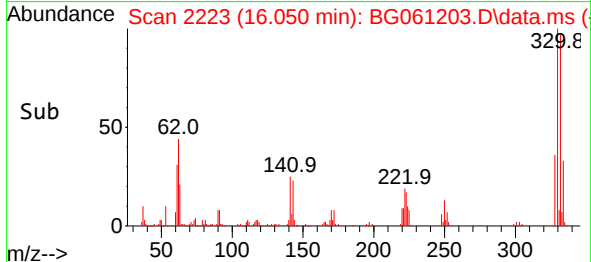
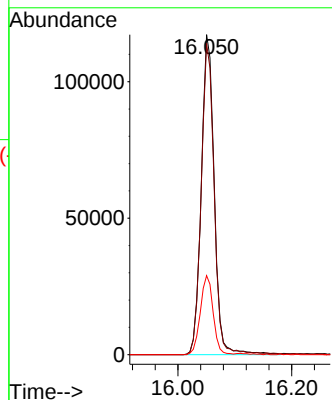


#42
2,4,6-Tribromophenol
Concen: 130.498 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

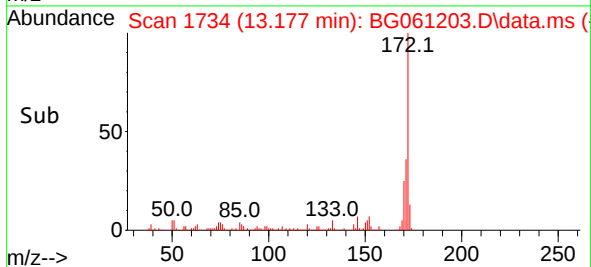
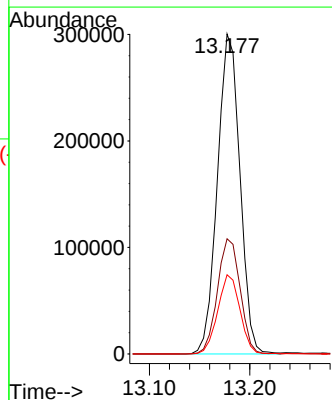
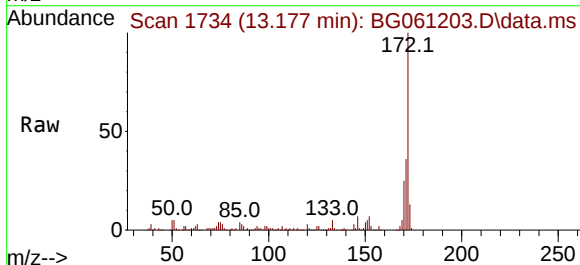


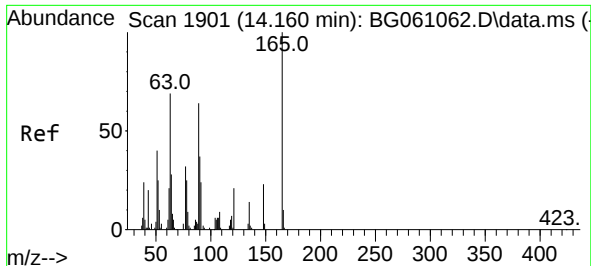
Tgt Ion:330 Resp: 185863
Ion Ratio Lower Upper
330 100
332 97.3 78.6 117.8
141 24.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 97.102 ng
RT: 13.177 min Scan# 1734
Delta R.T. -0.031 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Tgt Ion:172 Resp: 467907
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.7 20.2 30.4

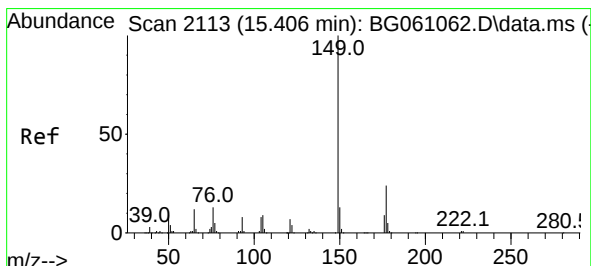
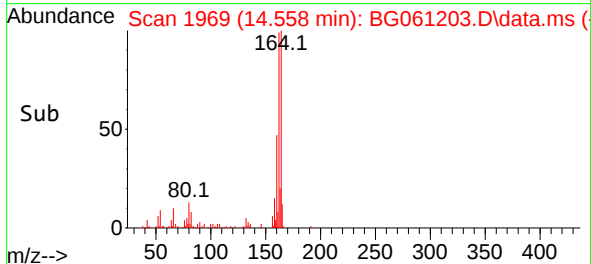
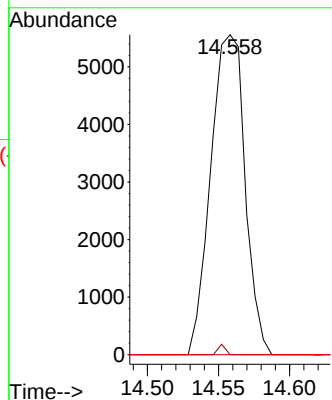
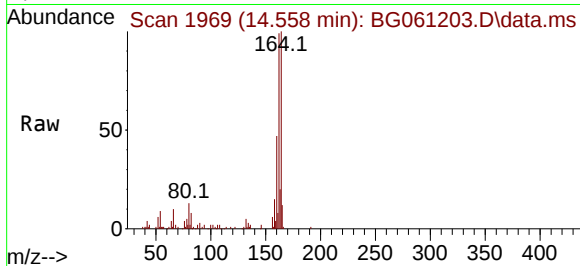




#51
2,6-Dinitrotoluene
Concen: 7.919 ng
RT: 14.558 min Scan# 1901
Delta R.T. 0.398 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

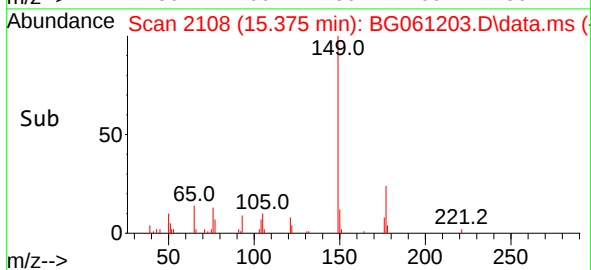
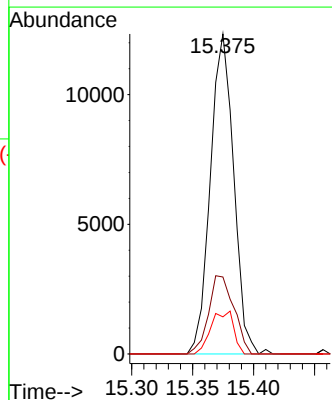
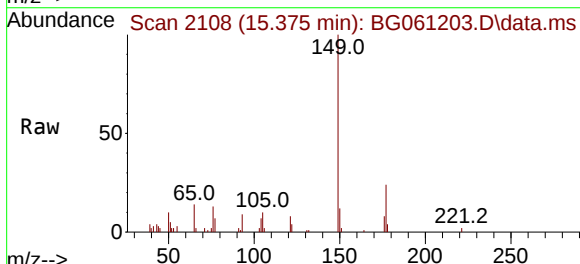
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1011UMR-RB240507-01

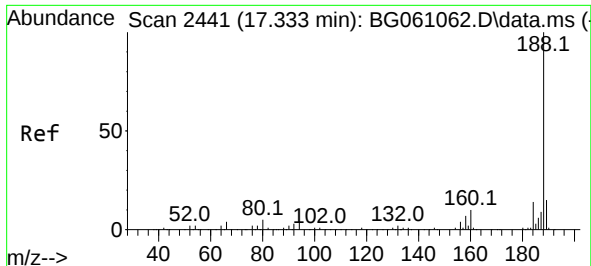
Tgt Ion:165 Resp: 9322
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#60
Diethylphthalate
Concen: 2.957 ng
RT: 15.375 min Scan# 2108
Delta R.T. -0.031 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Tgt Ion:149 Resp: 16409
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 11.6 10.6 16.0

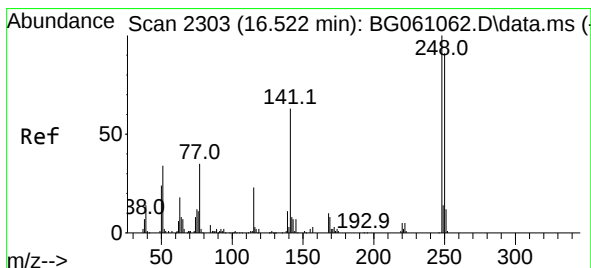
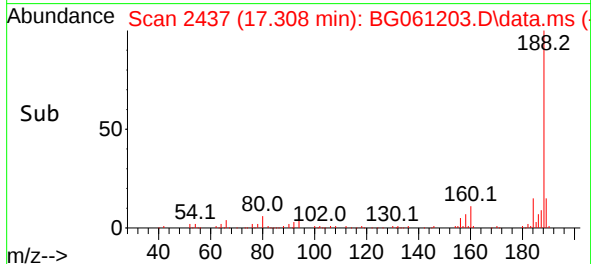
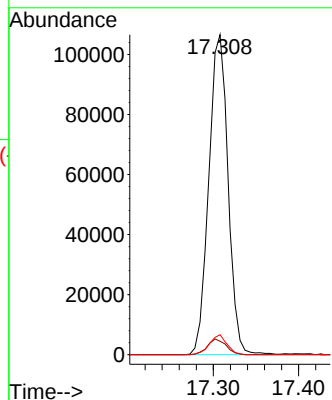
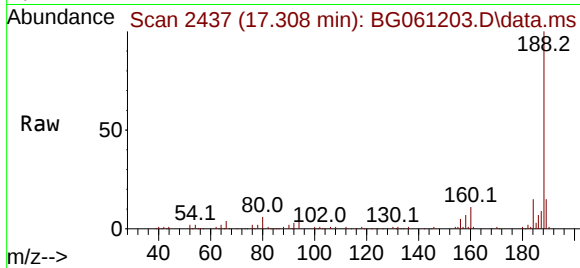




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2441
Delta R.T. -0.025 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

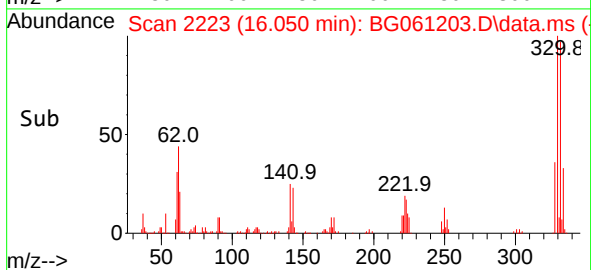
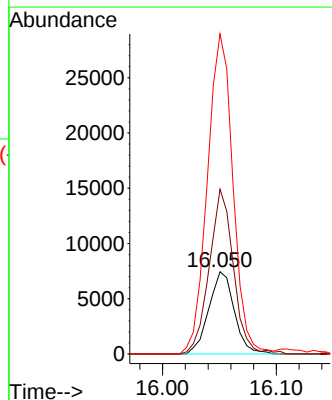
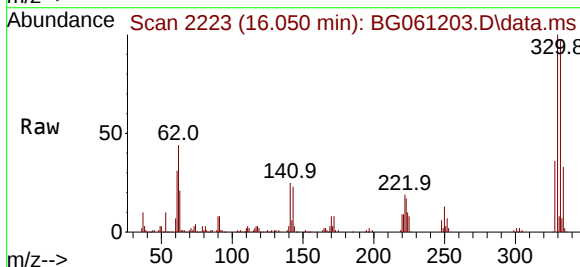
Instrument :
BNA_G
ClientSampleId :
1011UMR-RB240507-01

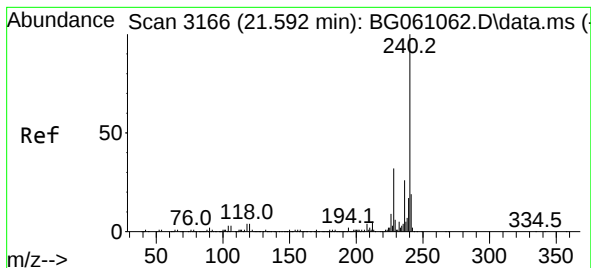
Tgt Ion:188 Resp: 167080
Ion Ratio Lower Upper
188 100
94 4.2 3.6 5.4
80 6.2 4.2 6.2#



#67
4-Bromophenyl-phenylether
Concen: 5.893 ng
RT: 16.050 min Scan# 2223
Delta R.T. -0.471 min
Lab File: BG061203.D
Acq: 15 May 2024 12:56

Tgt Ion:248 Resp: 11599
Ion Ratio Lower Upper
248 100
250 200.0 73.0 109.4#
141 388.7 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.025 min

Lab File: BG061203.D

Acq: 15 May 2024 12:56

Instrument :

BNA_G

ClientSampleId :

1011UMR-RB240507-01

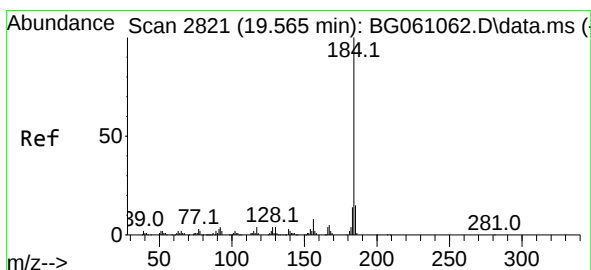
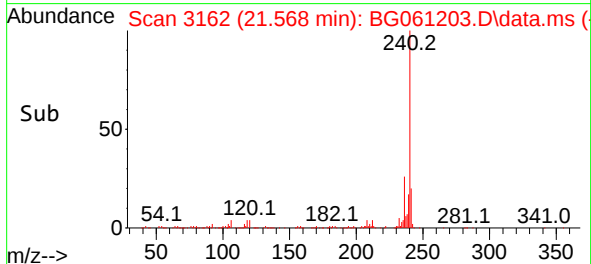
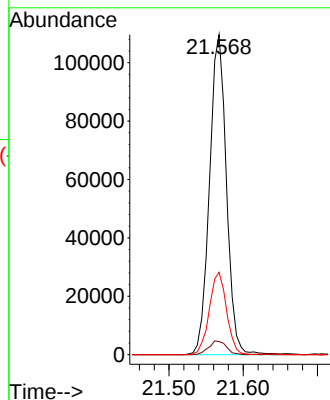
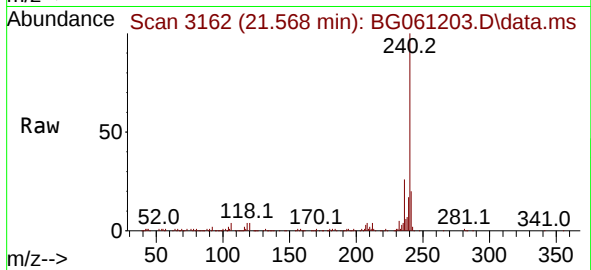
Tgt Ion:240 Resp: 173893

Ion Ratio Lower Upper

240 100

120 4.1 3.2 4.8

236 25.8 21.0 31.6



#77

Benzidine

Concen: 7.012 ng

RT: 19.928 min Scan# 2883

Delta R.T. 0.363 min

Lab File: BG061203.D

Acq: 15 May 2024 12:56

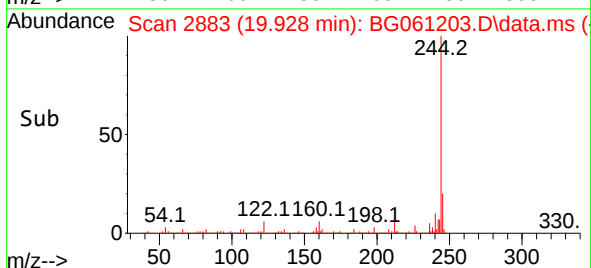
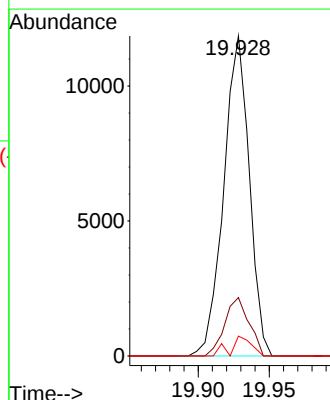
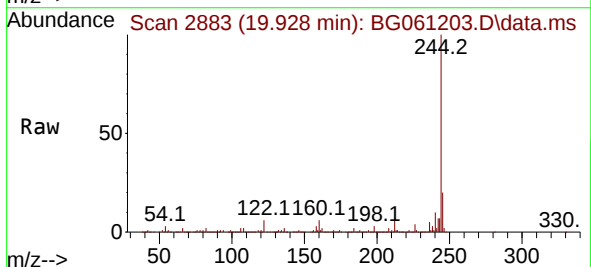
Tgt Ion:184 Resp: 14814

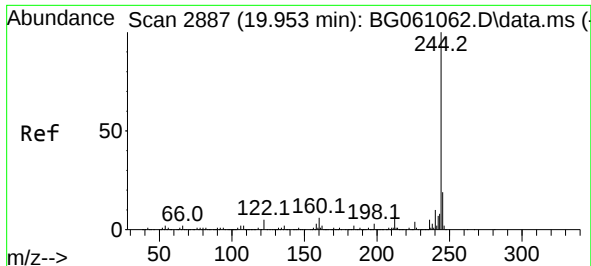
Ion Ratio Lower Upper

184 100

185 18.3 12.0 18.0#

183 6.2 10.9 16.3#

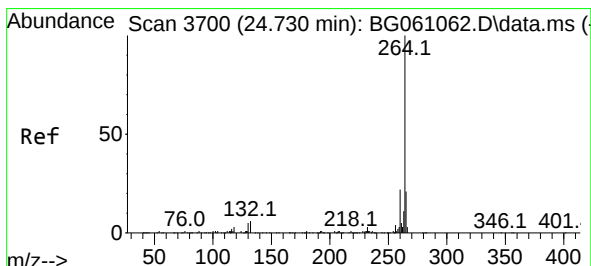
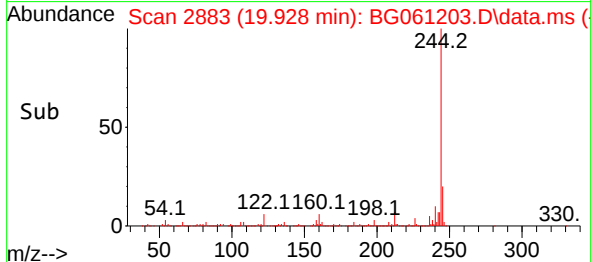
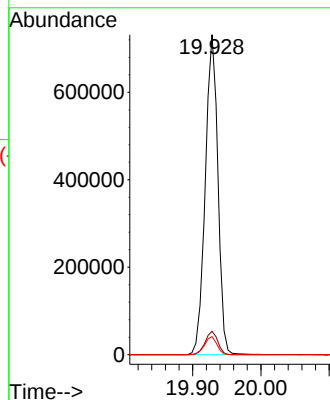
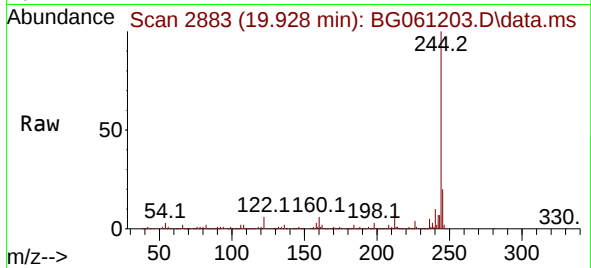




#79
 Terphenyl-d14
 Concen: 89.893 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: BG061203.D
 Acq: 15 May 2024 12:56

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-RB240507-01

Tgt Ion:244 Resp: 939893
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 3694
 Delta R.T. -0.037 min
 Lab File: BG061203.D
 Acq: 15 May 2024 12:56

Tgt Ion:264 Resp: 201984
 Ion Ratio Lower Upper
 264 100
 260 25.3 17.7 26.5
 265 22.1 16.4 24.6

