

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060831.D
 Acq On : 8 Apr 2024 18:34
 Operator : MA/JU
 Sample : PB160000BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160000BL

Quant Time: Apr 09 01:23:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

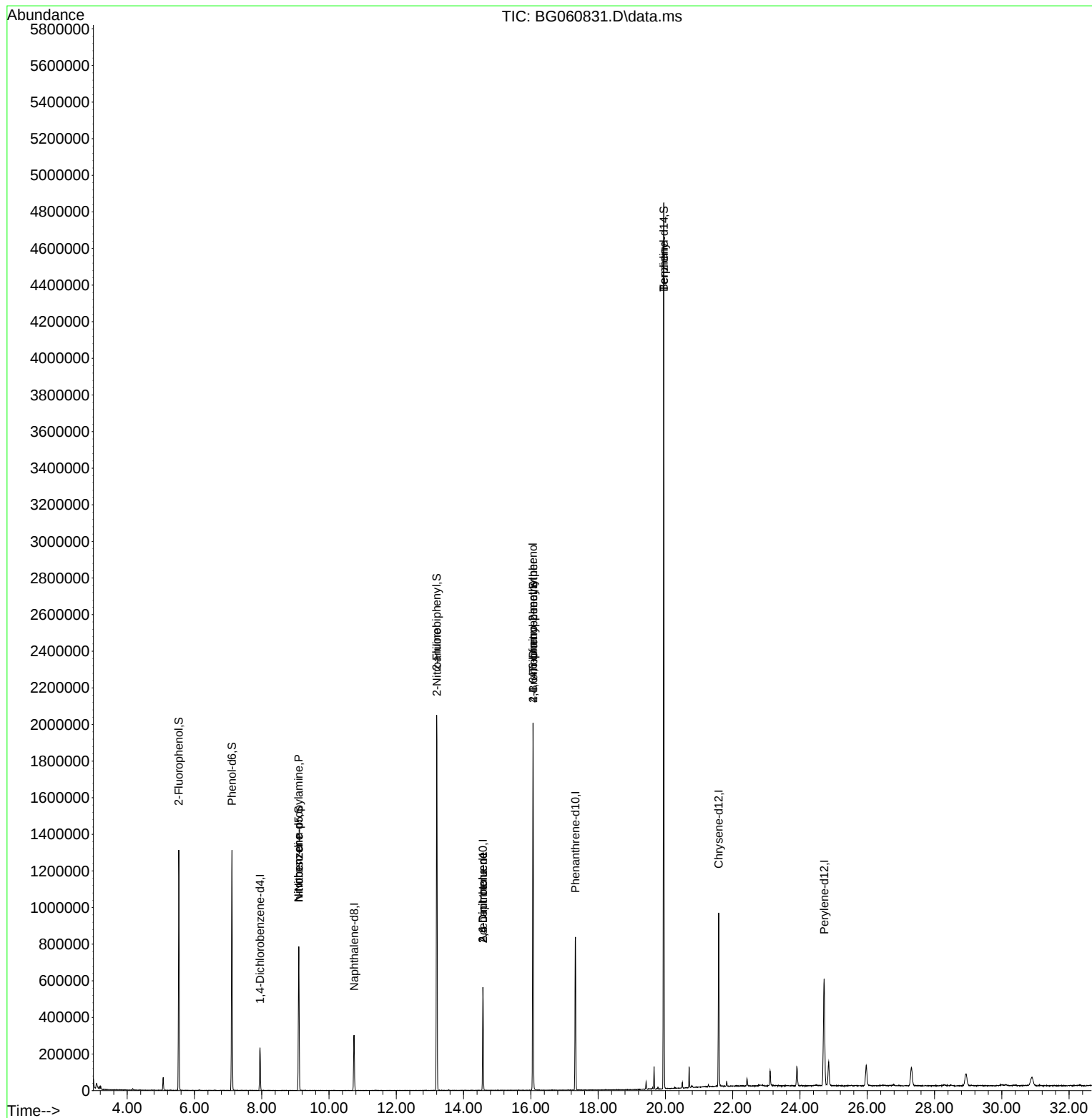
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	63302	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	245074	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	195426	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	548987	20.000	ng	-0.01
76) Chrysene-d12	21.585	240	561026	20.000	ng	#-0.02
86) Perylene-d12	24.717	264	645157	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	480764	126.520	ng	0.00
7) Phenol-d6	7.114	99	653554	115.868	ng	0.00
23) Nitrobenzene-d5	9.100	82	419237	97.613	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	395715	178.378	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	1080834	81.170	ng	-0.02
79) Terphenyl-d14	19.952	244	2422442	76.031	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	57066	13.267	ng	# 76
24) Nitrobenzene	9.100	77	1464	3.061	ng	# 39
48) 2-Nitroaniline	13.207	65	2154	3.460	ng	# 8
51) 2,6-Dinitrotoluene	14.576	165	24441	11.688	ng	# 18
57) 2,4-Dinitrotoluene	14.576	165	24441	9.849	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.062	198	1385	7.556	ng	# 1
67) 4-Bromophenyl-phenylether	16.068	248	27069	4.858	ng	# 1
77) Benzidine	19.952	184	39778	2.693	ng	# 84

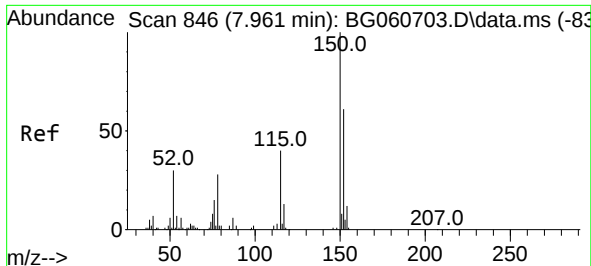
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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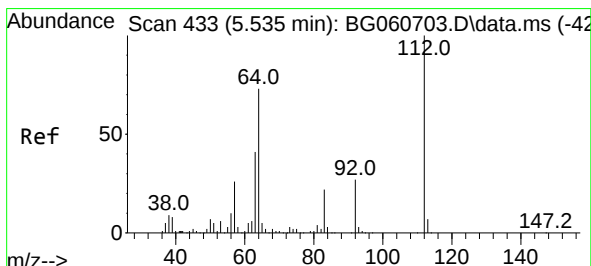
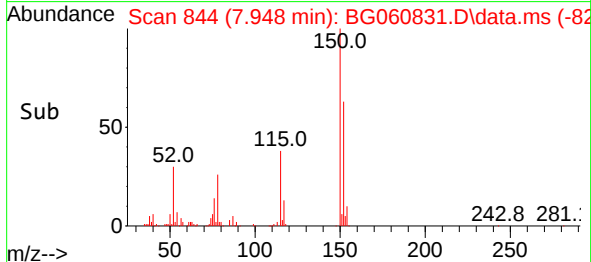
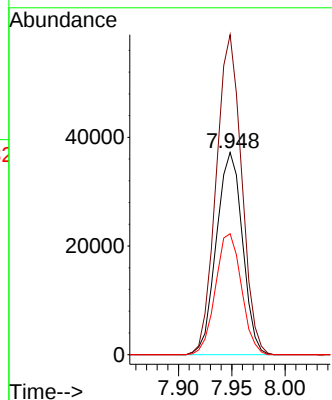
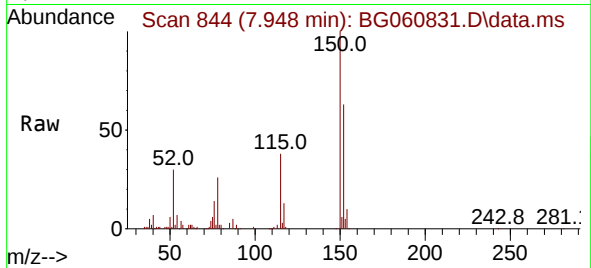




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 846
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

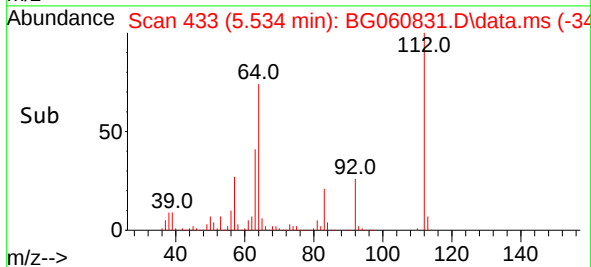
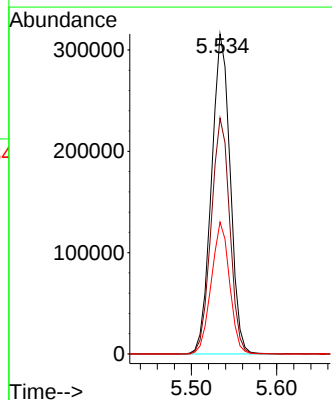
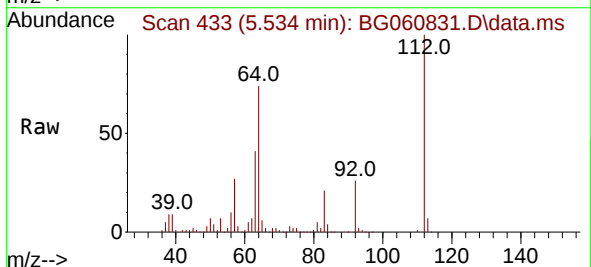
Instrument :
BNA_G
ClientSampleId :
PB160000BL

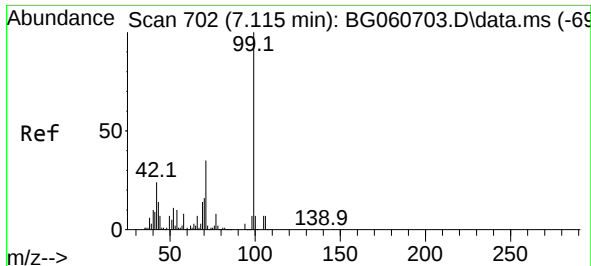
Tgt Ion:152 Resp: 63302
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.4
115 59.8 51.6 77.4



#5
2-Fluorophenol
Concen: 126.520 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:112 Resp: 480764
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 41.2 32.7 49.1

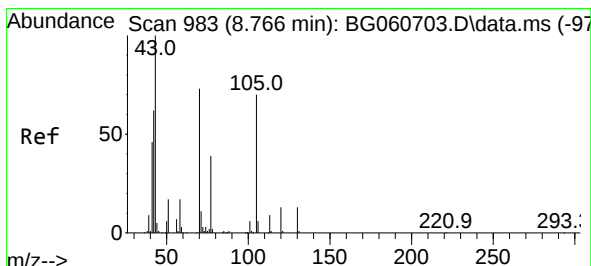
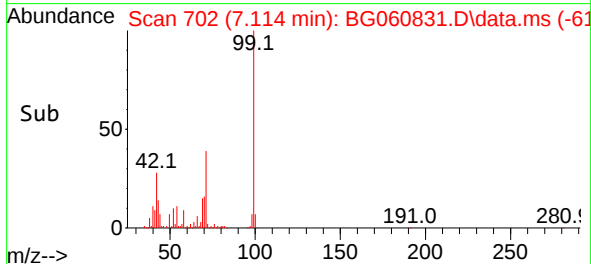
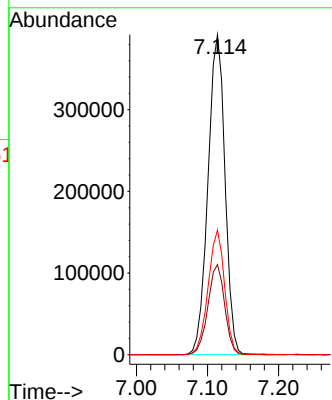
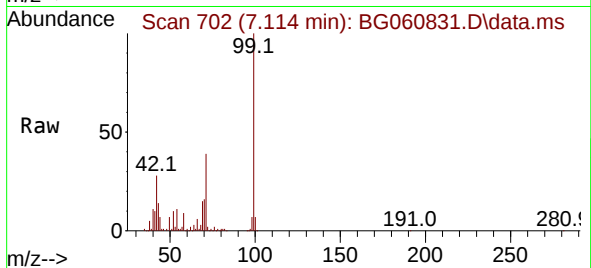




#7
Phenol-d6
Concen: 115.868 ng
RT: 7.114 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

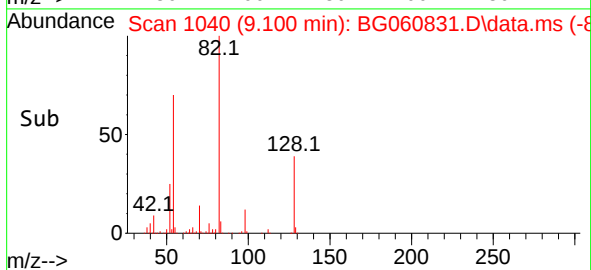
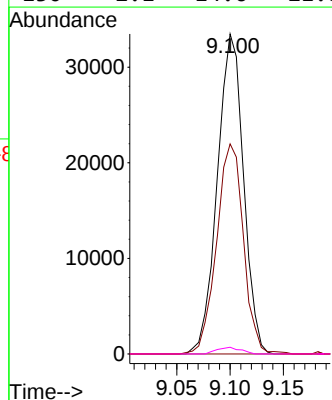
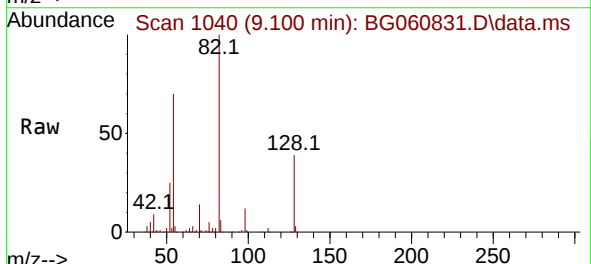
Instrument :
BNA_G
ClientSampleId :
PB160000BL

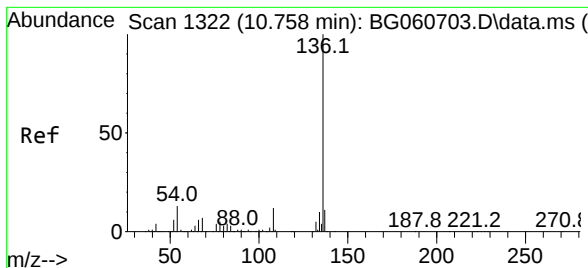
Tgt Ion: 99 Resp: 653554
Ion Ratio Lower Upper
99 100
42 28.1 19.4 29.2
71 39.0 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.267 ng
RT: 9.100 min Scan# 1040
Delta R.T. 0.334 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion: 70 Resp: 57066
Ion Ratio Lower Upper
70 100
42 65.7 68.4 102.6#
101 0.0 6.1 9.1#
130 2.1 14.6 21.8#

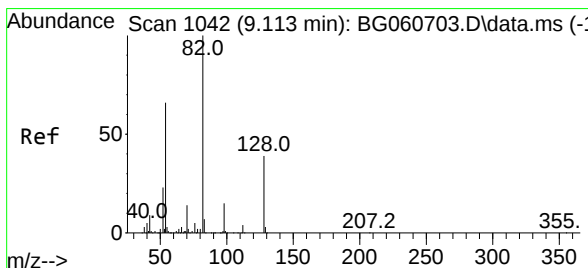
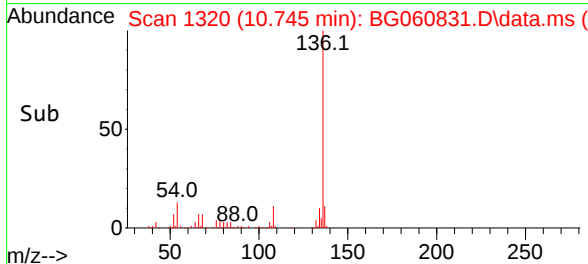
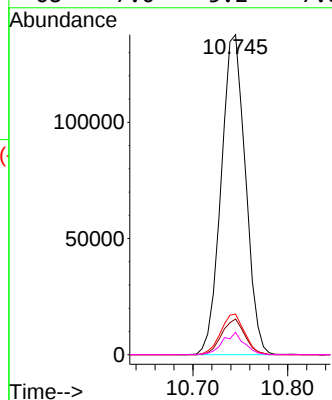
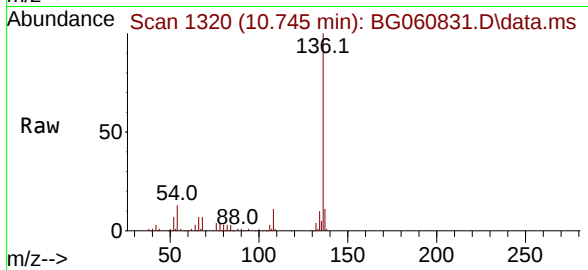




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

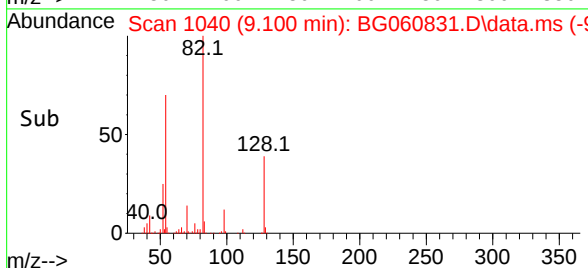
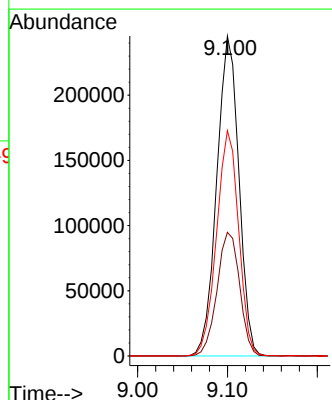
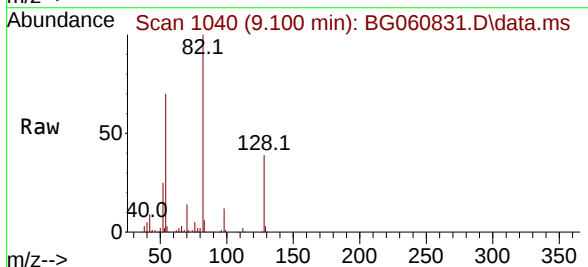
Instrument :
BNA_G
ClientSampleId :
PB160000BL

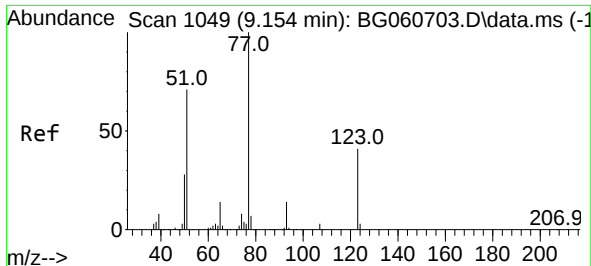
Tgt Ion:136 Resp: 245074
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.7 10.2 15.2
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 97.613 ng
RT: 9.100 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

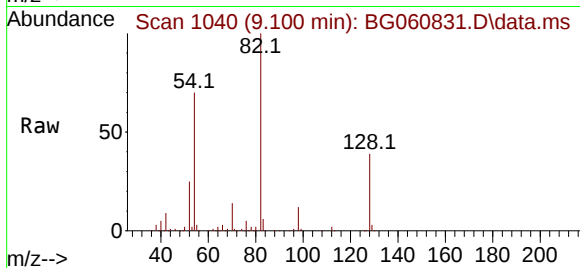
Tgt Ion: 82 Resp: 419237
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 70.4 53.2 79.8



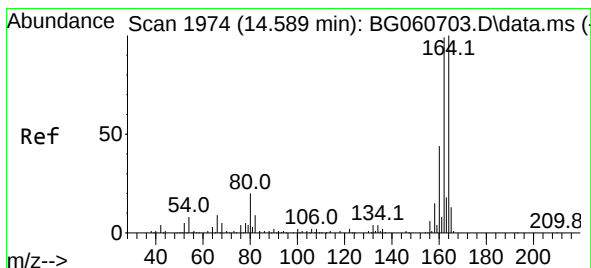
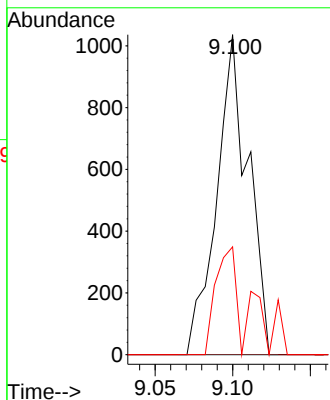
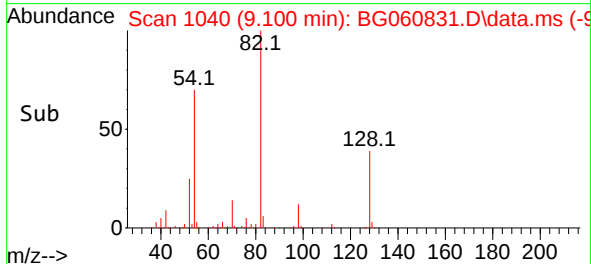


#24
Nitrobenzene
Concen: 3.061 ng
RT: 9.100 min Scan# 1049
Delta R.T. -0.054 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

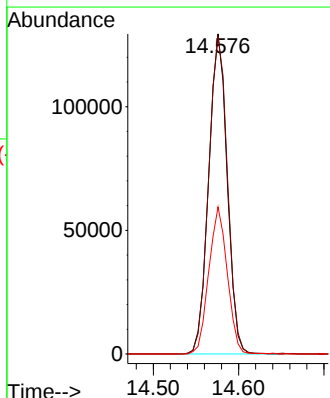
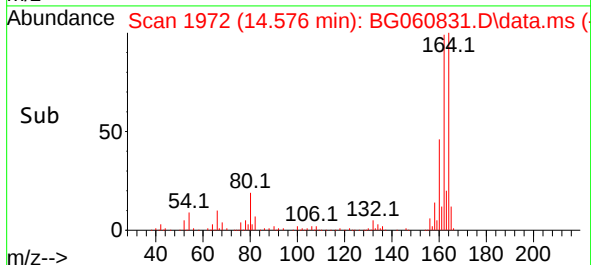
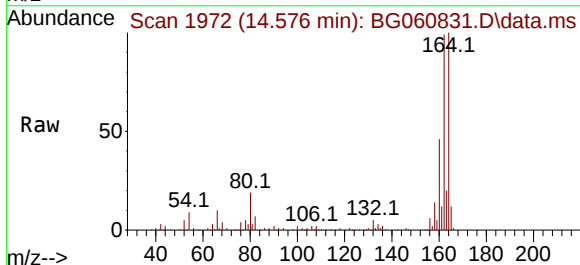


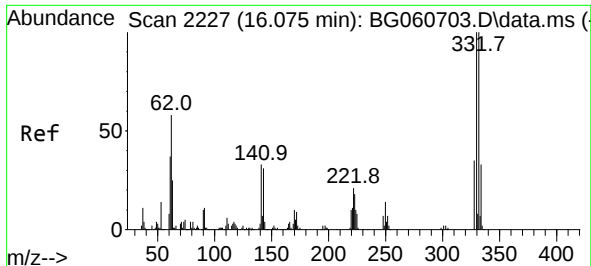
Tgt Ion: 77 Resp: 1464
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 33.7 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:164 Resp: 195426
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 46.0 35.4 53.0

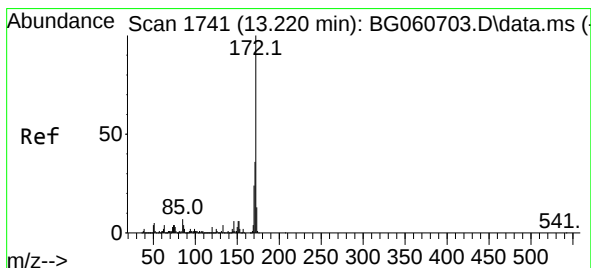
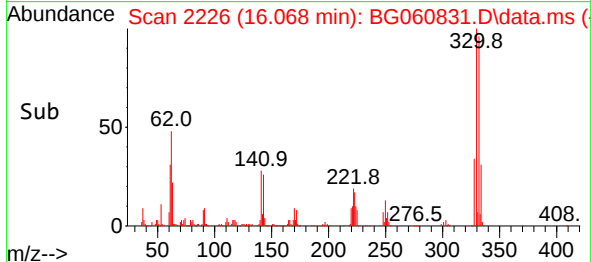
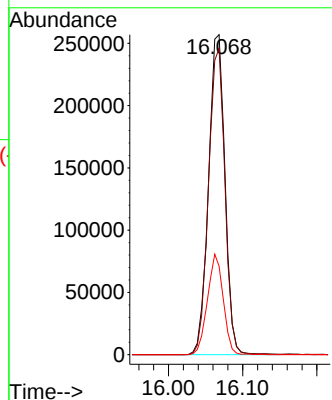
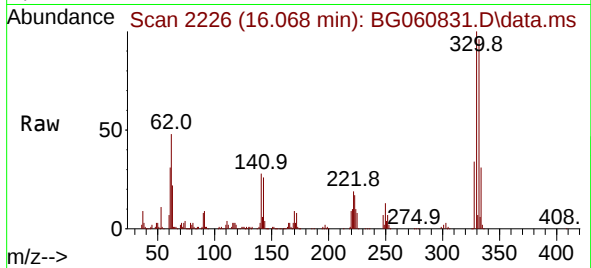




#42
2,4,6-Tribromophenol
Concen: 178.378 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

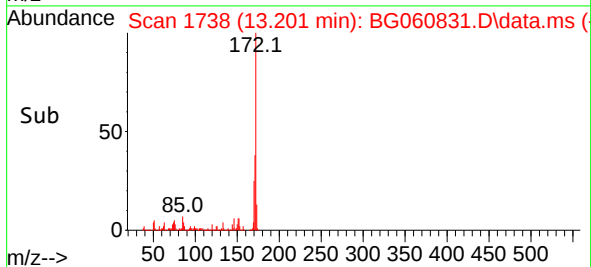
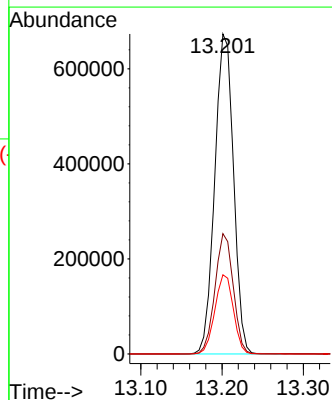
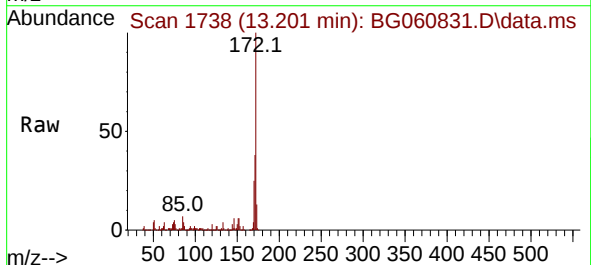
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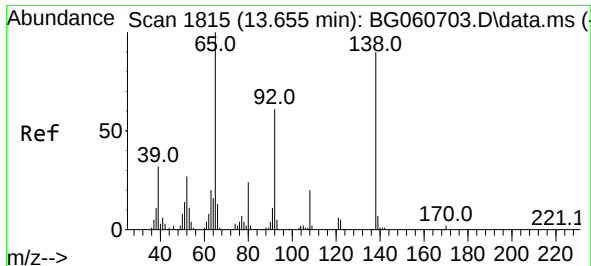
Tgt Ion:330 Resp: 395715
Ion Ratio Lower Upper
330 100
332 95.3 78.2 117.4
141 30.1 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 81.170 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:172 Resp: 1080834
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 24.8 19.4 29.0

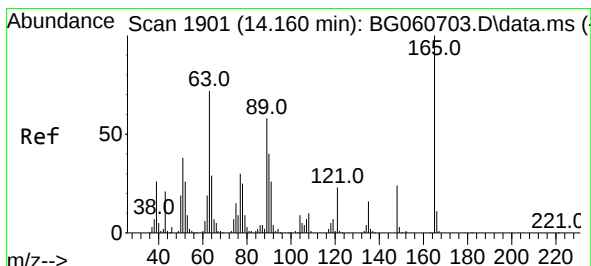
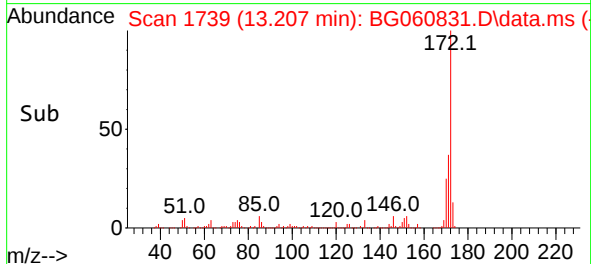
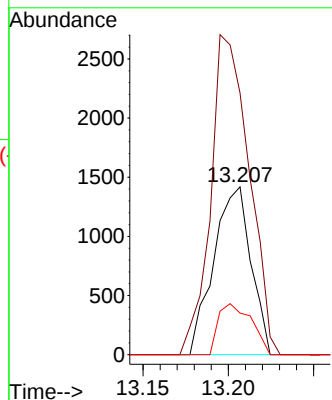
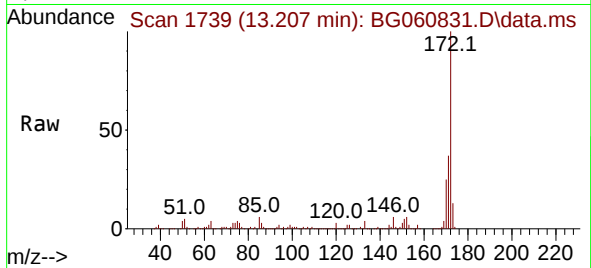




#48
2-Nitroaniline
Concen: 3.460 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.448 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

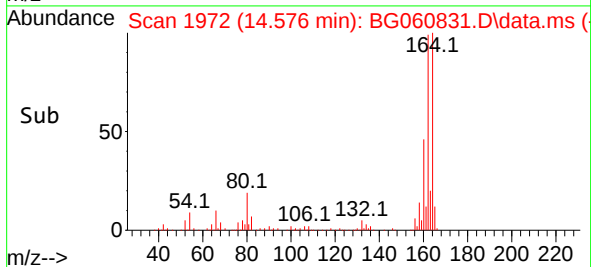
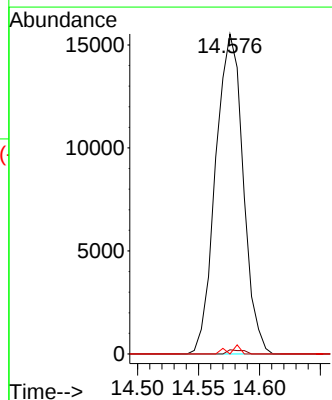
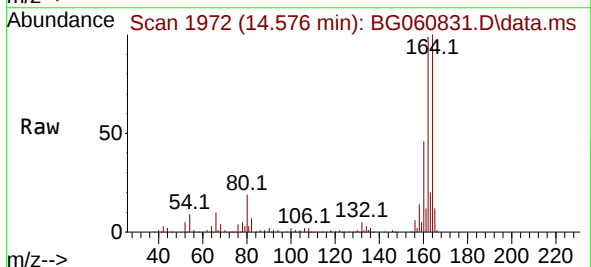
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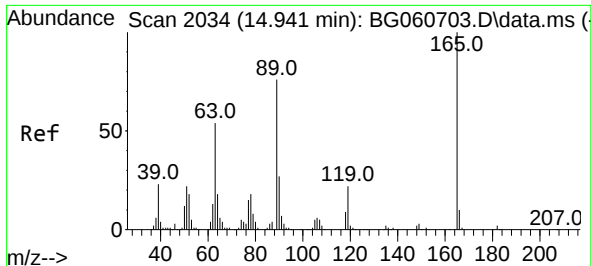
Tgt Ion: 65 Resp: 2154
Ion Ratio Lower Upper
65 100
92 155.8 48.6 72.8#
138 24.8 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.688 ng
RT: 14.576 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:165 Resp: 24441
Ion Ratio Lower Upper
165 100
63 1.3 58.2 87.4#
89 0.0 46.1 69.1#

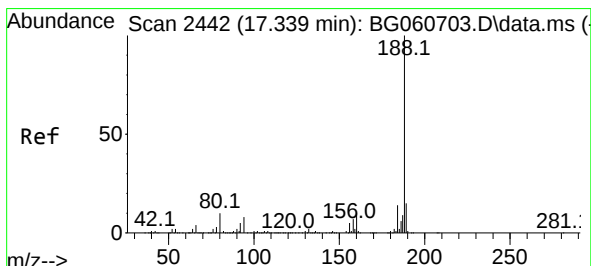
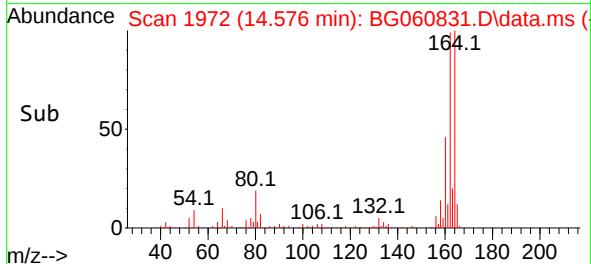
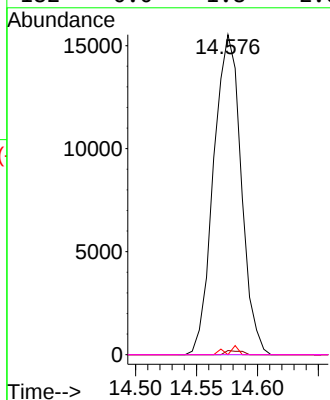
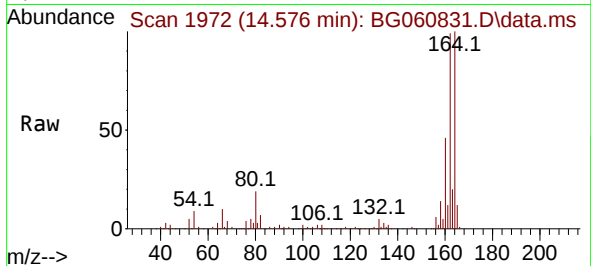




#57
2,4-Dinitrotoluene
Concen: 9.849 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.365 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

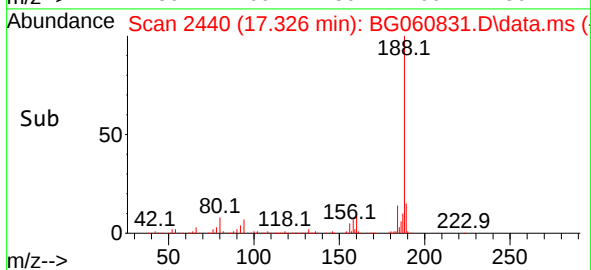
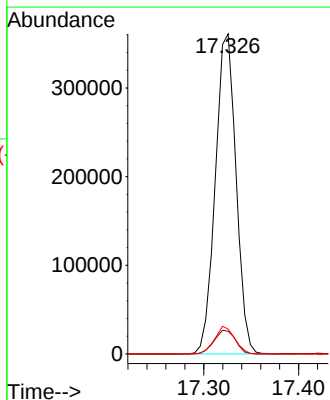
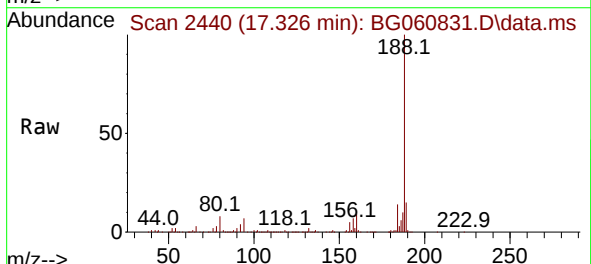
Instrument :
BNA_G
ClientSampleId :
PB160000BL

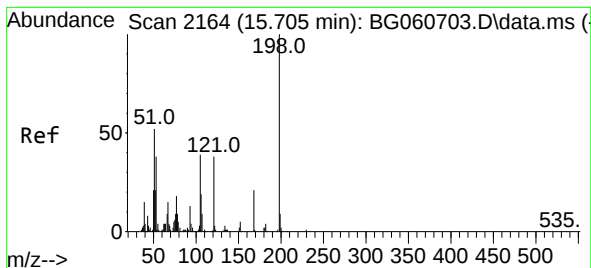
Tgt Ion:165 Resp: 24441
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2440
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:188 Resp: 548987
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 7.8 7.6 11.4

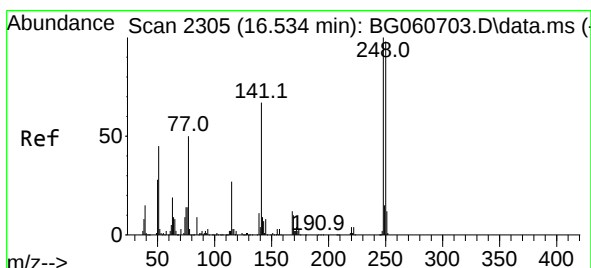
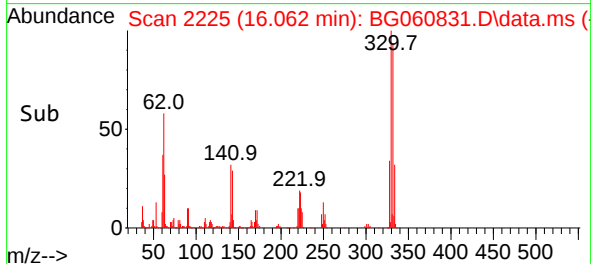
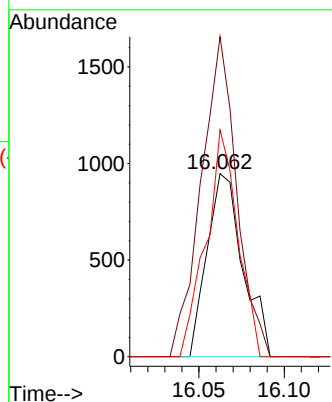
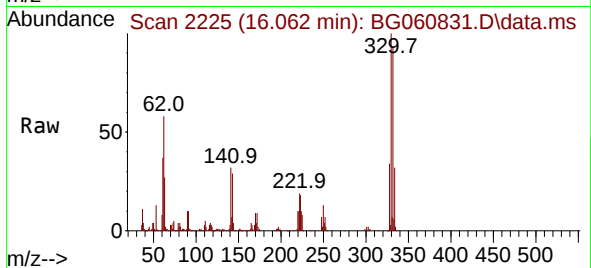




#65
4,6-Dinitro-2-methylphenol
Concen: 7.556 ng
RT: 16.062 min Scan# 2164
Delta R.T. 0.357 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

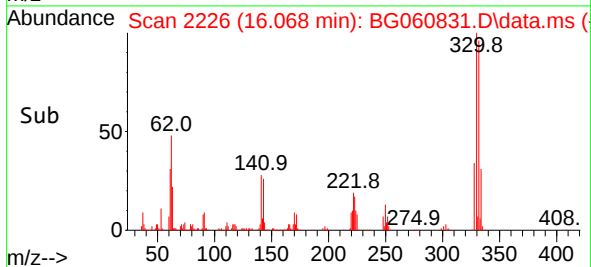
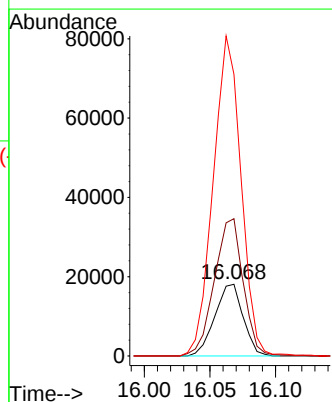
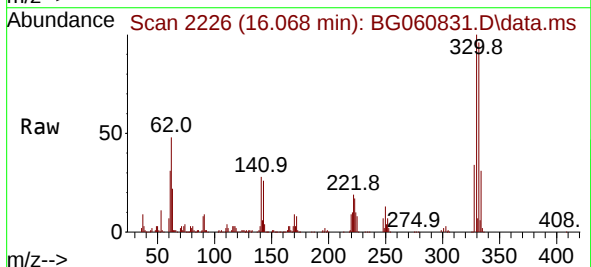
Instrument :
BNA_G
ClientSampleId :
PB160000BL

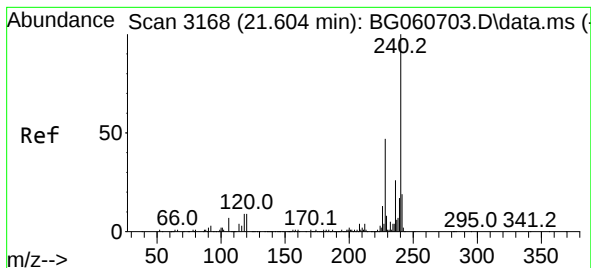
Tgt Ion:198 Resp: 1385
Ion Ratio Lower Upper
198 100
51 174.8 36.7 76.7#
105 123.8 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.858 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.466 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:248 Resp: 27069
Ion Ratio Lower Upper
248 100
250 191.3 78.3 117.5#
141 392.6 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3165

Delta R.T. -0.019 min

Lab File: BG060831.D

Acq: 8 Apr 2024 18:34

Instrument :

BNA_G

ClientSampleId :

PB160000BL

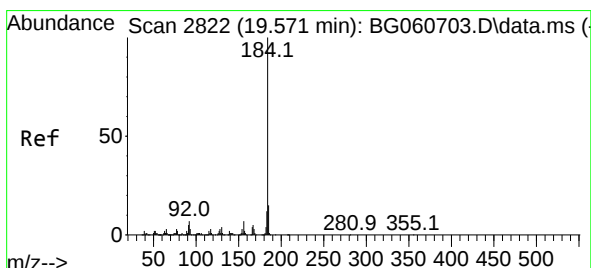
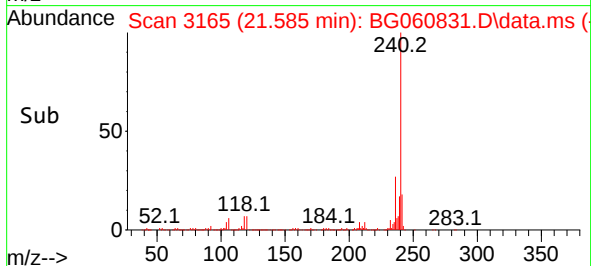
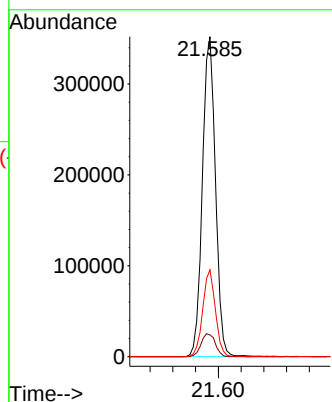
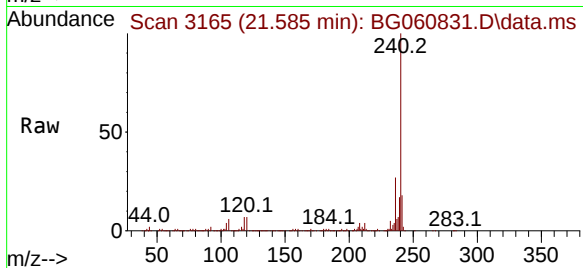
Tgt Ion:240 Resp: 561026

Ion Ratio Lower Upper

240 100

120 6.8 7.1 10.7#

236 27.1 20.7 31.1



#77

Benzidine

Concen: 2.693 ng

RT: 19.952 min Scan# 2887

Delta R.T. 0.381 min

Lab File: BG060831.D

Acq: 8 Apr 2024 18:34

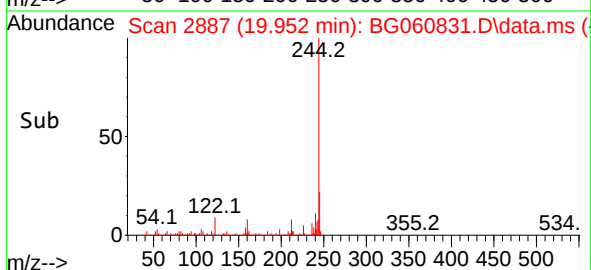
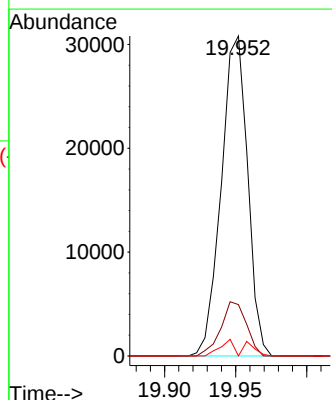
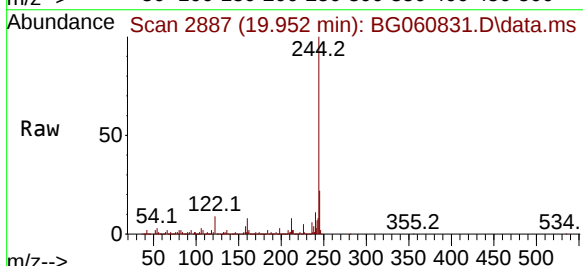
Tgt Ion:184 Resp: 39778

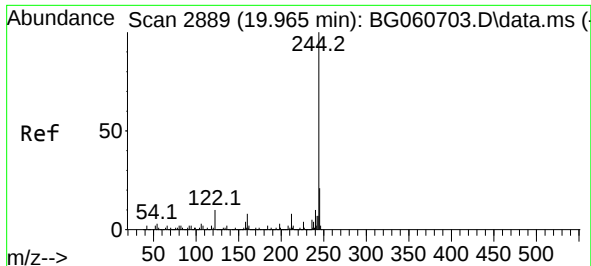
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.6

183 0.0 9.5 14.3#

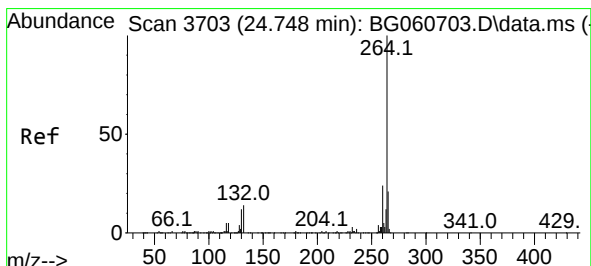
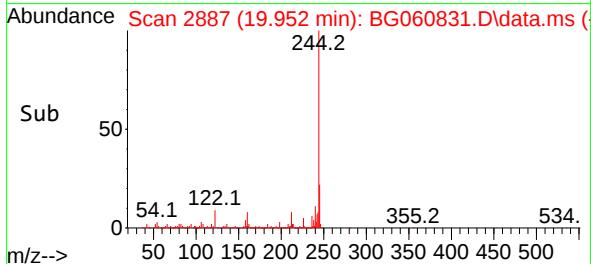
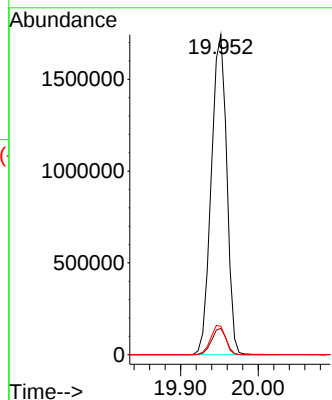
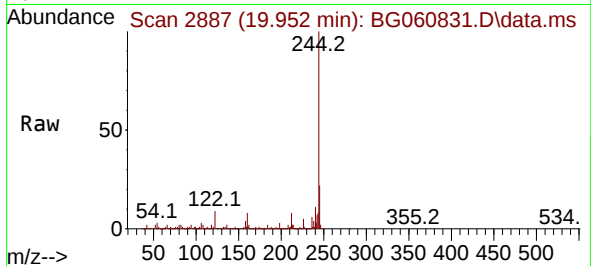




#79
 Terphenyl-d14
 Concen: 76.031 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060831.D
 Acq: 8 Apr 2024 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB160000BL

Tgt Ion:244 Resp: 2422442
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.717 min Scan# 3698
 Delta R.T. -0.031 min
 Lab File: BG060831.D
 Acq: 8 Apr 2024 18:34

Tgt Ion:264 Resp: 645157
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 16.9 25.3

