

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060670.D
 Acq On : 15 Mar 2024 19:31
 Operator : MA/JU
 Sample : P1773-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

Quant Time: Mar 15 23:39:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

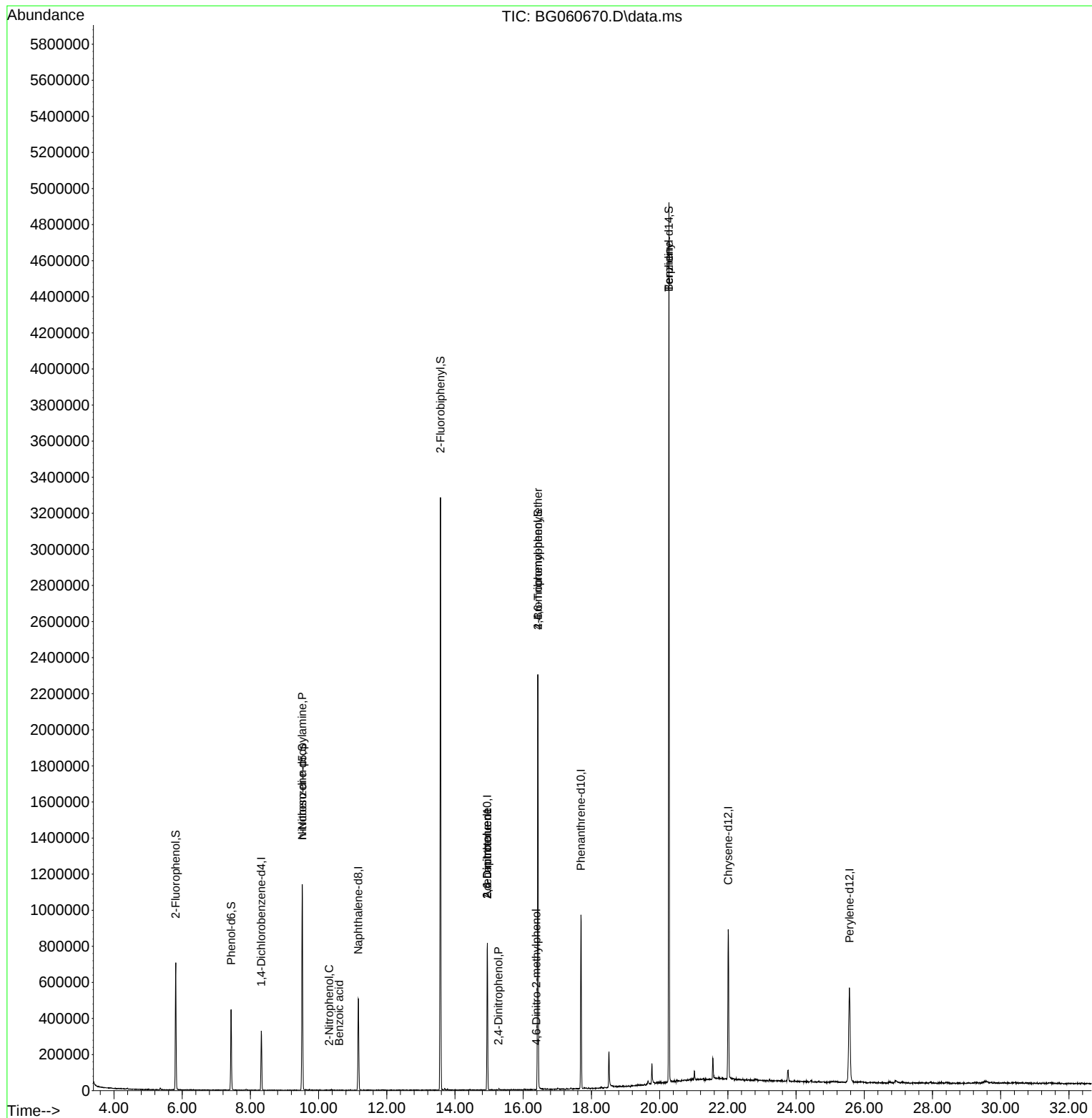
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.321	152	90285	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	435892	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	290966	20.000	ng	0.00
64) Phenanthrene-d10	17.692	188	596740	20.000	ng	0.00
76) Chrysene-d12	22.011	240	539740	20.000	ng	-0.01
86) Perylene-d12	25.565	264	613775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	294920	51.350	ng	0.00
7) Phenol-d6	7.433	99	252443	30.300	ng	0.00
23) Nitrobenzene-d5	9.519	82	665127	79.413	ng	0.00
42) 2,4,6-Tribromophenol	16.429	330	438335	130.004	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1683019	78.205	ng	0.00
79) Terphenyl-d14	20.271	244	2338529	78.315	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.519	70	85608	14.824	ng	# 79
26) 2-Nitrophenol	10.307	139	102	2.265	ng	# 23
32) Benzoic acid	10.600	122	56	6.031	ng	# 1
51) 2,6-Dinitrotoluene	14.948	165	37170	9.244	ng	# 17
54) 2,4-Dinitrophenol	15.271	184	61	6.871	ng	# 17
57) 2,4-Dinitrotoluene	14.948	165	37170	7.348	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.388	198	66	4.837	ng	# 8
67) 4-Bromophenyl-phenylether	16.429	248	29165	4.532	ng	# 1
77) Benzidine	20.271	184	38773	2.937	ng	# 92

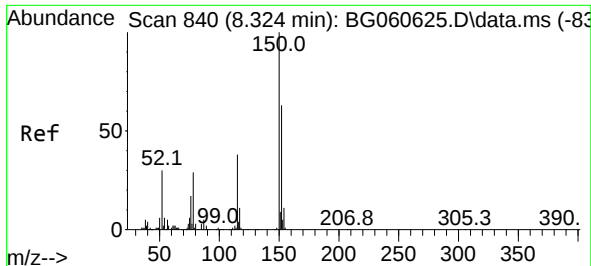
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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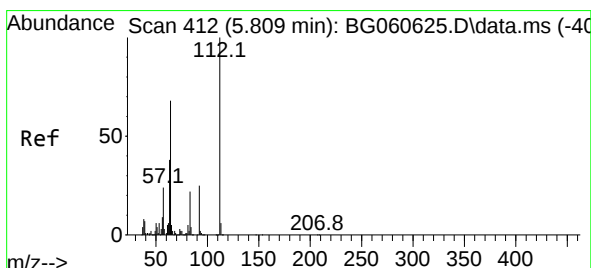
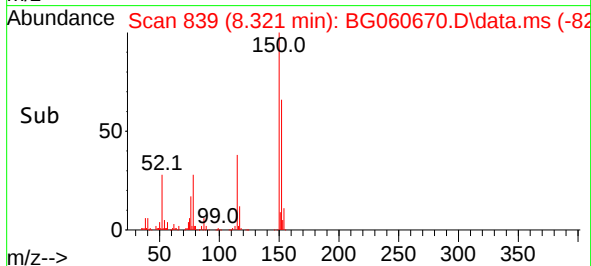
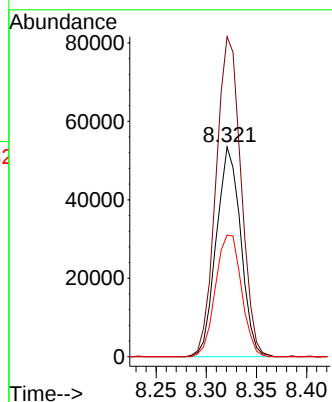
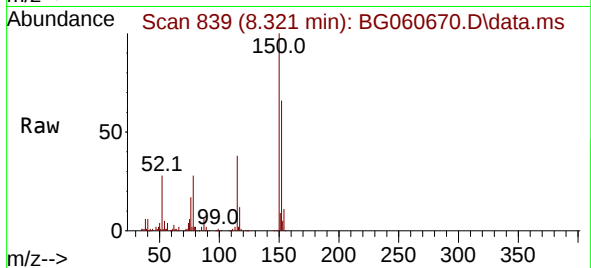




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.321 min Scan# 840
 Delta R.T. -0.003 min
 Lab File: BG060670.D
 Acq: 15 Mar 2024 19:31

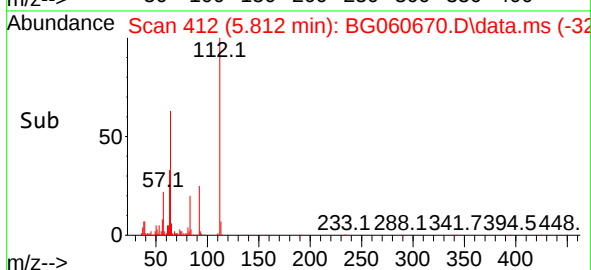
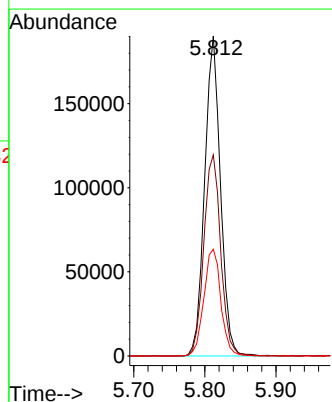
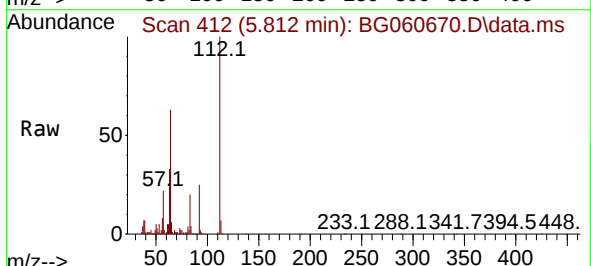
Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

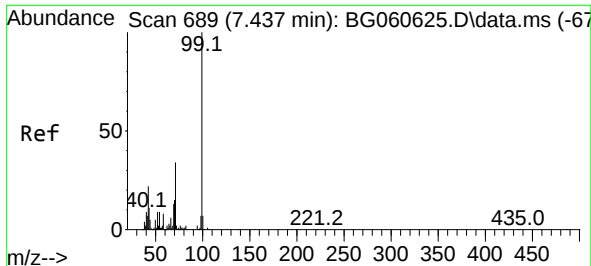
Tgt Ion:152 Resp: 90285
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.6 190.0
 115 58.0 47.8 71.8



#5
 2-Fluorophenol
 Concen: 51.350 ng
 RT: 5.812 min Scan# 412
 Delta R.T. 0.003 min
 Lab File: BG060670.D
 Acq: 15 Mar 2024 19:31

Tgt Ion:112 Resp: 294920
 Ion Ratio Lower Upper
 112 100
 64 62.9 54.1 81.1
 63 33.4 30.3 45.5

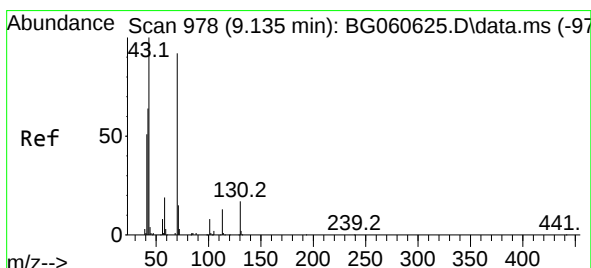
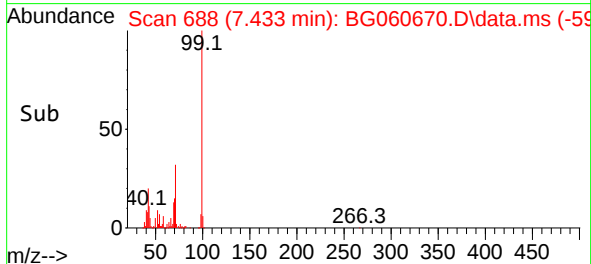
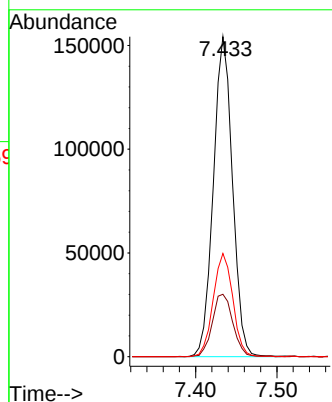
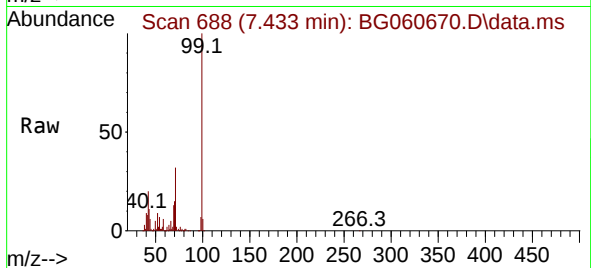




#7
Phenol-d6
Concen: 30.300 ng
RT: 7.433 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

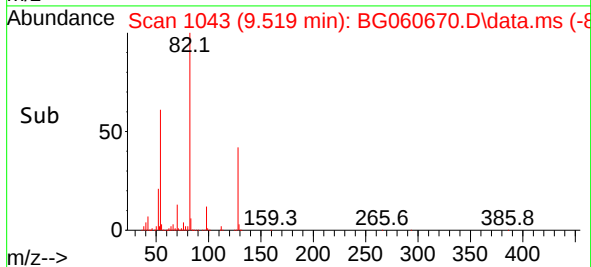
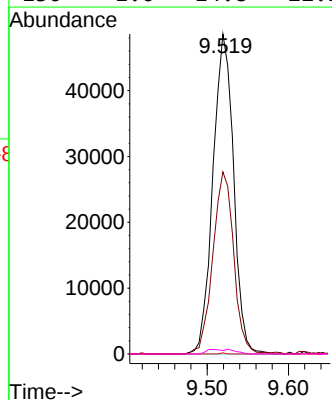
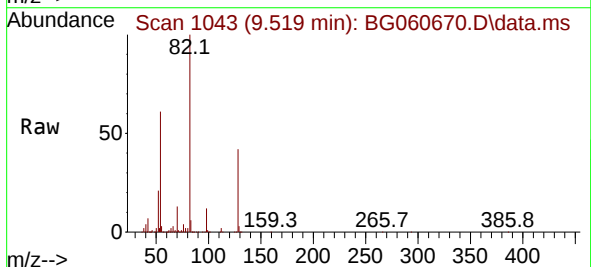
Instrument :
BNA_G
ClientSampleId :
PMW-1

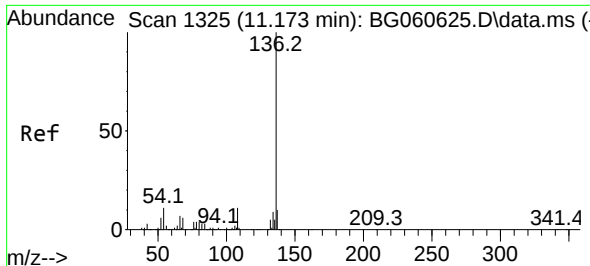
Tgt Ion: 99 Resp: 252443
Ion Ratio Lower Upper
99 100
42 19.5 17.5 26.3
71 32.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.824 ng
RT: 9.519 min Scan# 1043
Delta R.T. 0.385 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion: 70 Resp: 85608
Ion Ratio Lower Upper
70 100
42 56.9 56.2 84.2
101 0.3 7.4 11.0#
130 1.0 14.8 22.2#

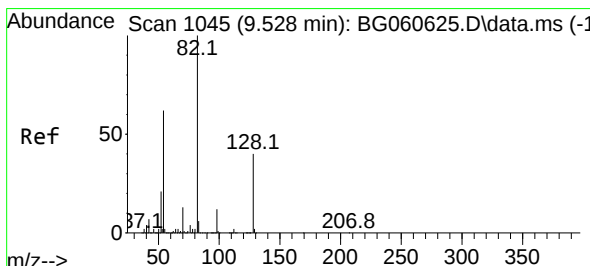
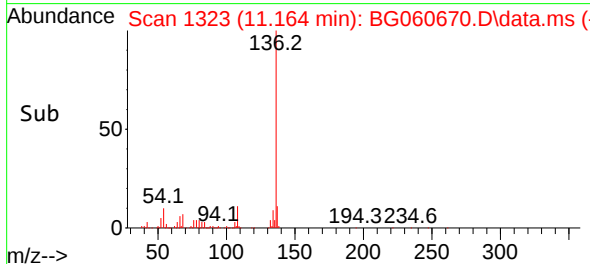
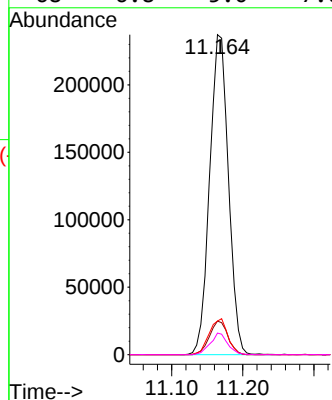
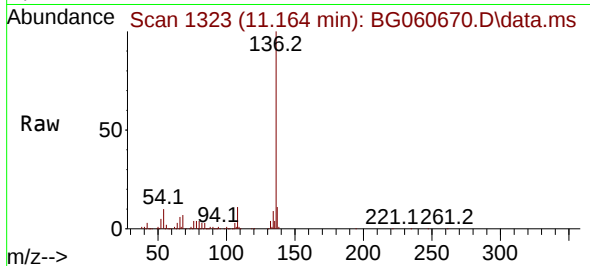




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

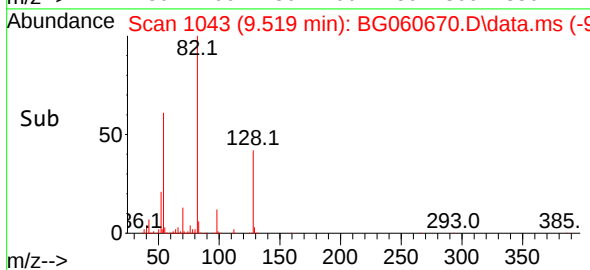
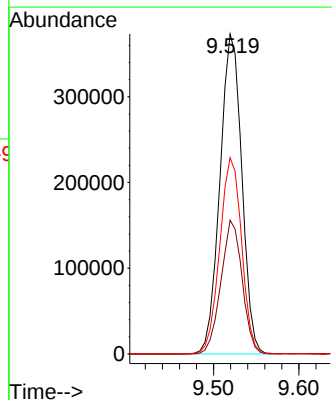
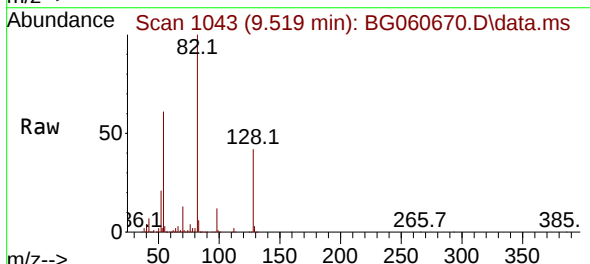
Instrument :
BNA_G
ClientSampleId :
PMW-1

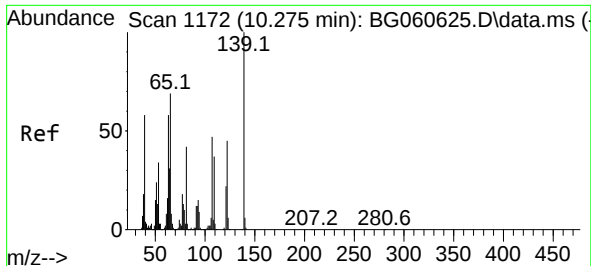
Tgt Ion:	136	Resp:	435892
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	10.5	8.5	12.7
68	6.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 79.413 ng
RT: 9.519 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion:	82	Resp:	665127
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.6	47.4
54	61.3	49.3	73.9

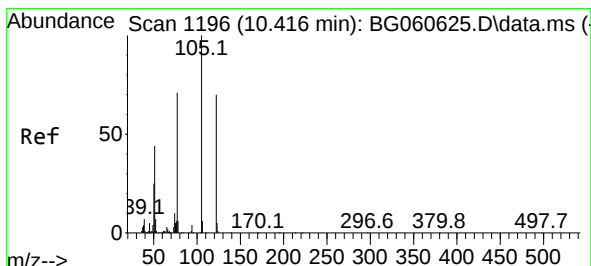
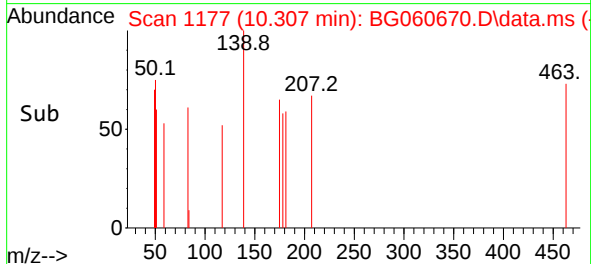
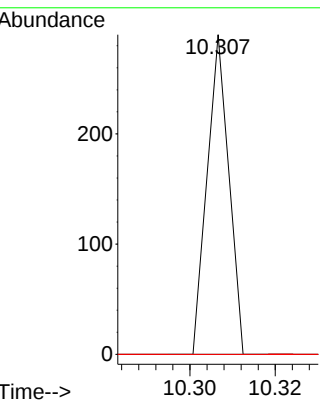
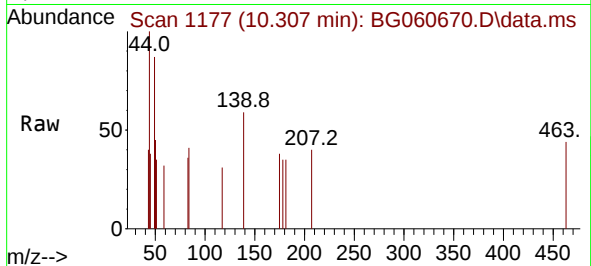




#26
2-Nitrophenol
Concen: 2.265 ng
RT: 10.307 min Scan# 1172
Delta R.T. 0.032 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

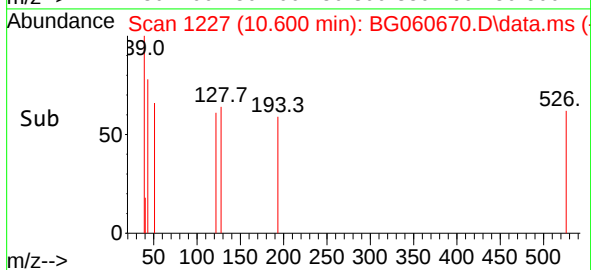
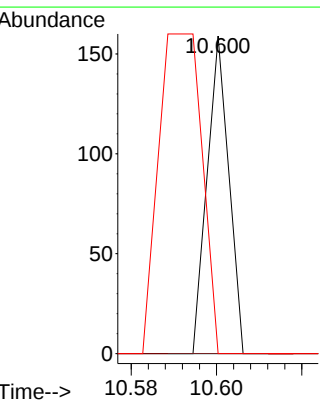
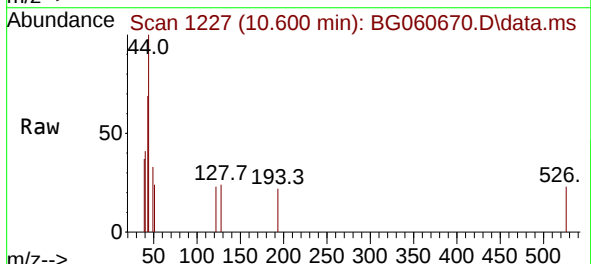
Instrument :
BNA_G
ClientSampleId :
PMW-1

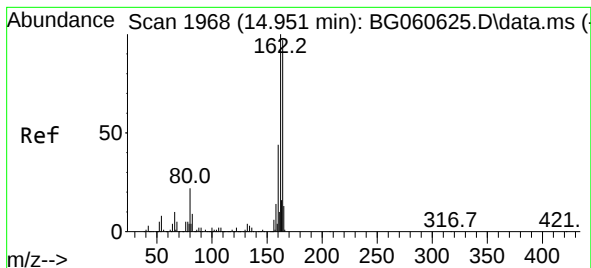
Tgt Ion:139 Resp: 102
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.031 ng
RT: 10.600 min Scan# 1227
Delta R.T. 0.184 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1967

Delta R.T. -0.003 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PMW-1

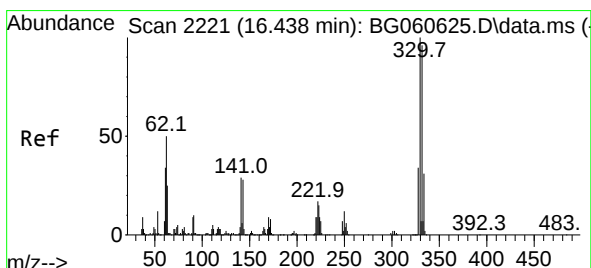
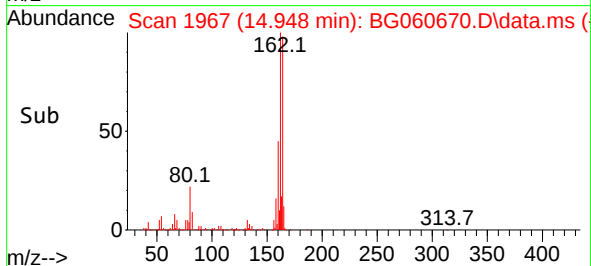
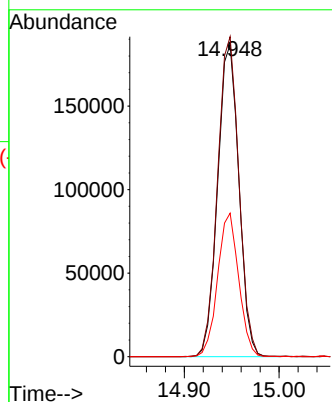
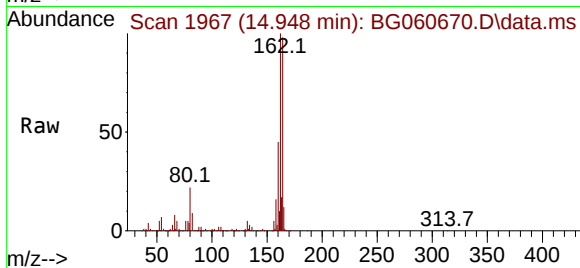
Tgt Ion:164 Resp: 290966

Ion Ratio Lower Upper

164 100

162 102.5 82.5 123.7

160 46.0 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 130.004 ng

RT: 16.429 min Scan# 2219

Delta R.T. -0.009 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

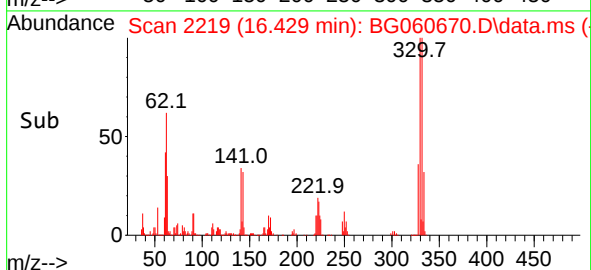
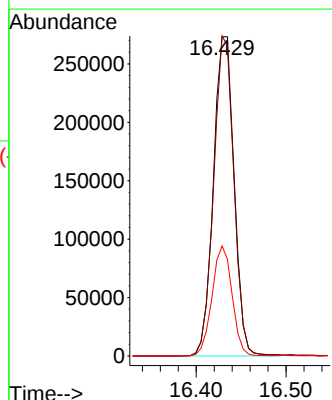
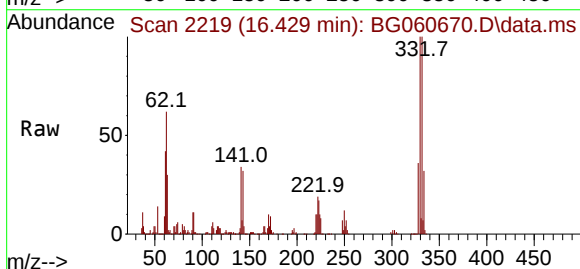
Tgt Ion:330 Resp: 438335

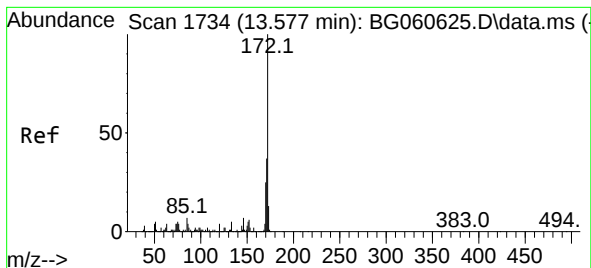
Ion Ratio Lower Upper

330 100

332 97.5 77.8 116.8

141 33.2 25.4 38.2

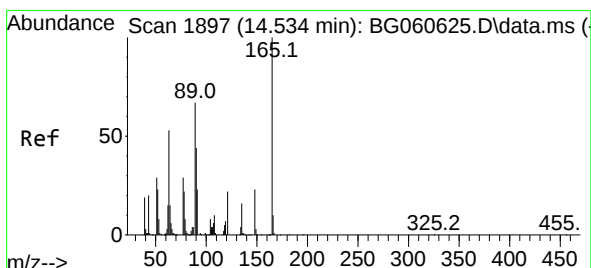
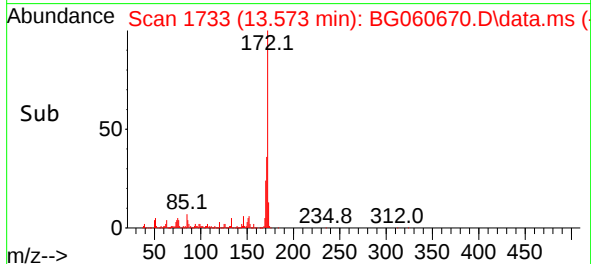
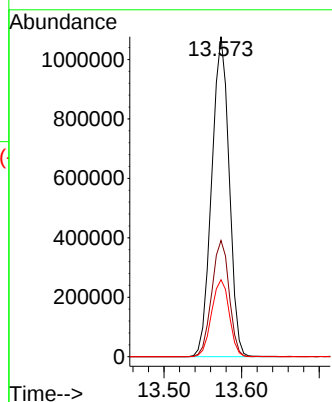
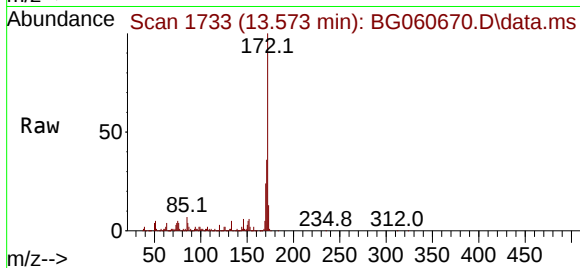




#45
2-Fluorobiphenyl
Concen: 78.205 ng
RT: 13.573 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

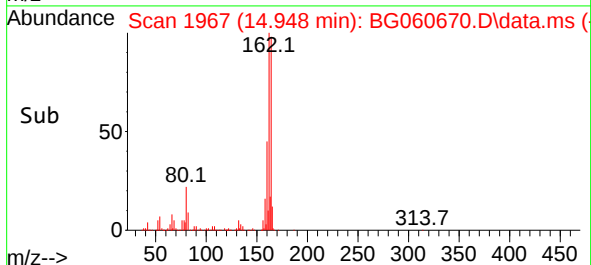
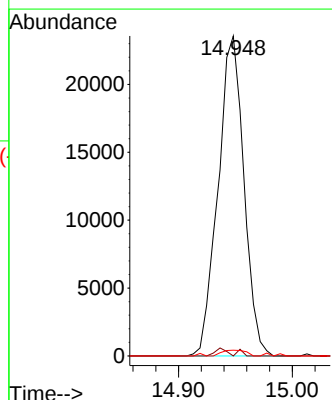
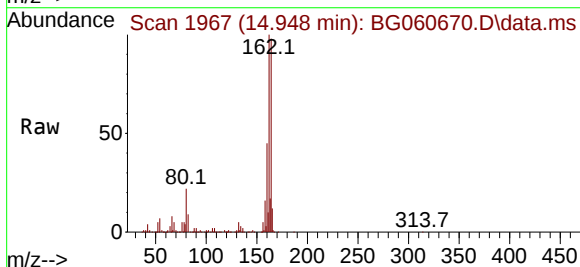
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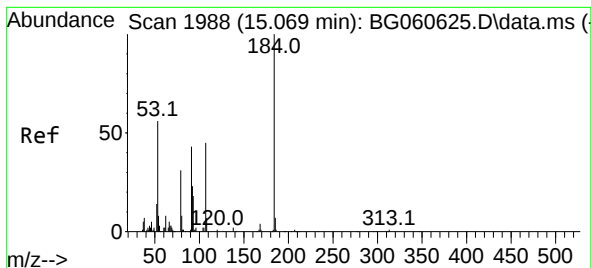
Tgt Ion:172 Resp: 1683019
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 24.1 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.244 ng
RT: 14.948 min Scan# 1967
Delta R.T. 0.414 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion:165 Resp: 37170
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.6#
89 1.8 54.1 81.1#

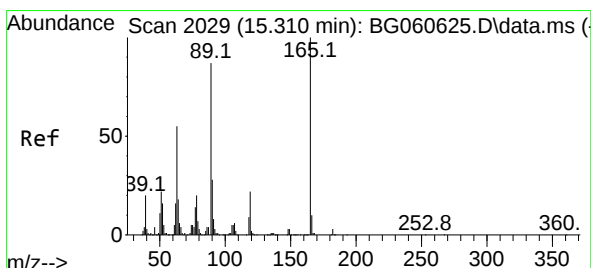
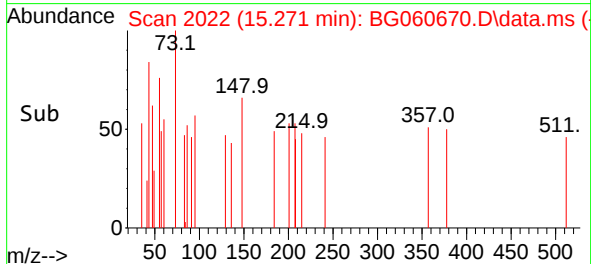
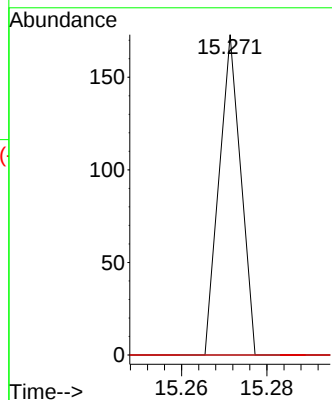
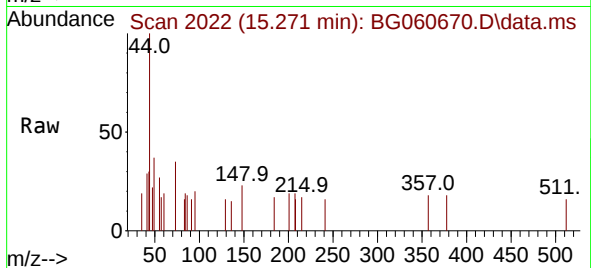




#54
2,4-Dinitrophenol
Concen: 6.871 ng
RT: 15.271 min Scan# 20
Delta R.T. 0.202 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

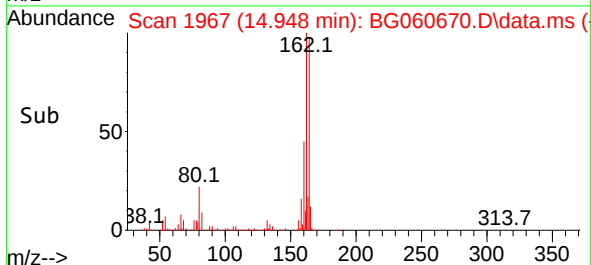
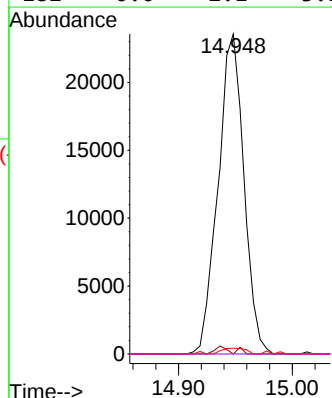
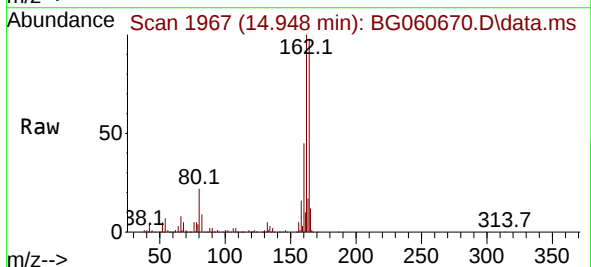
Instrument :
BNA_G
ClientSampleId :
PMW-1

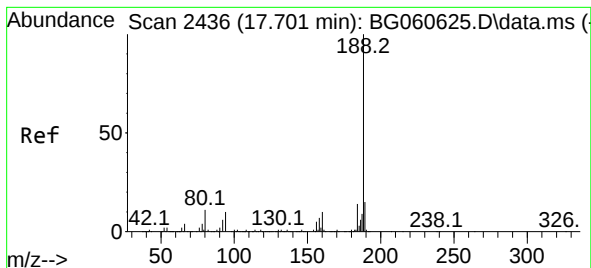
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.348 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.362 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion:165 Resp: 37170
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.8 69.7 104.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.692 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PMW-1

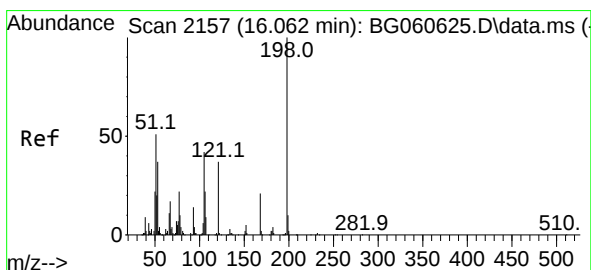
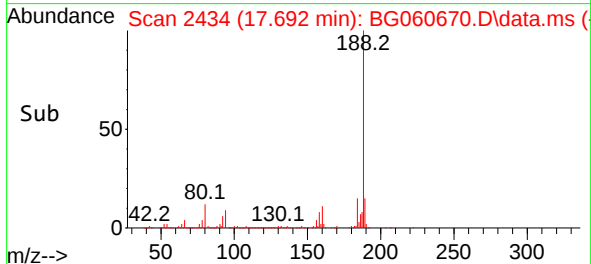
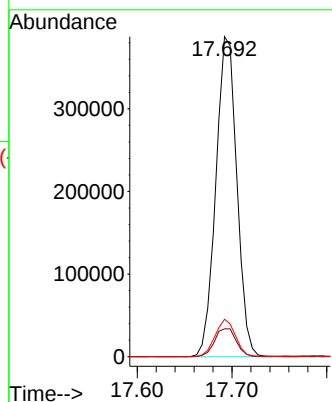
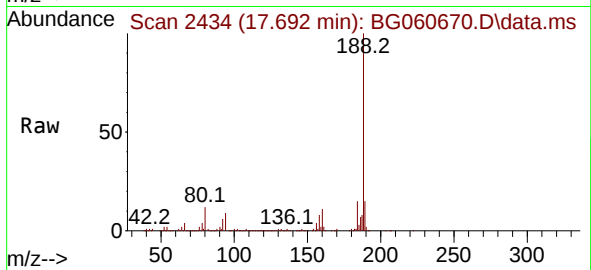
Tgt Ion:188 Resp: 596740

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 11.7 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.837 ng

RT: 16.388 min Scan# 2212

Delta R.T. 0.326 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

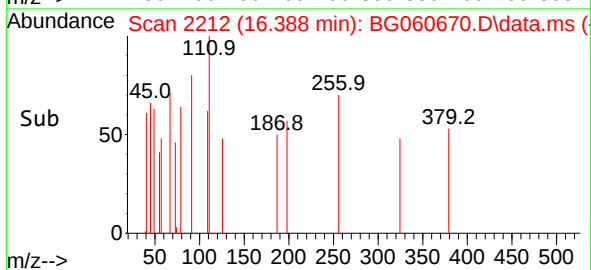
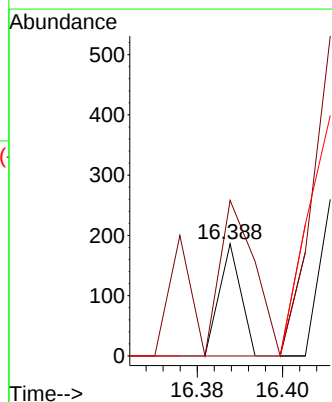
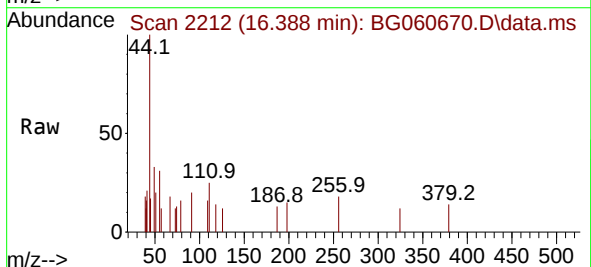
Tgt Ion:198 Resp: 66

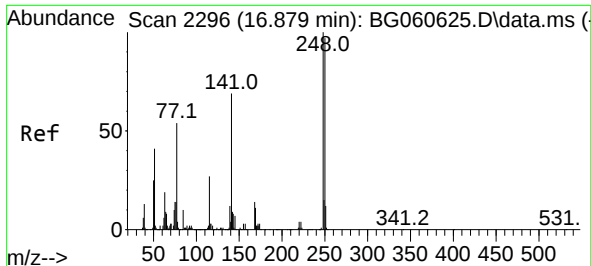
Ion Ratio Lower Upper

198 100

51 138.7 36.9 76.9#

105 0.0 22.4 62.4#

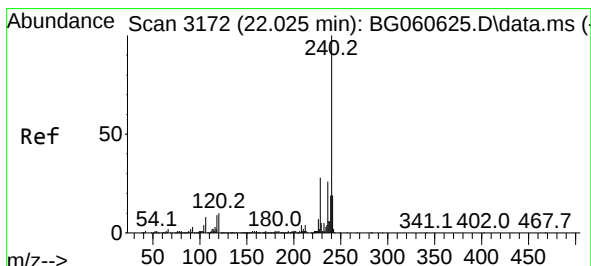
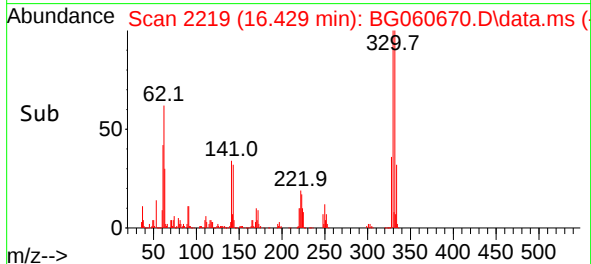
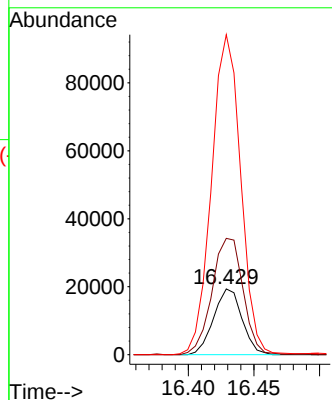
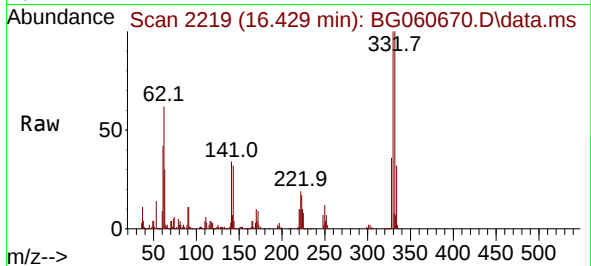




#67
4-Bromophenyl-phenylether
Concen: 4.532 ng
RT: 16.429 min Scan# 211
Delta R.T. -0.450 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

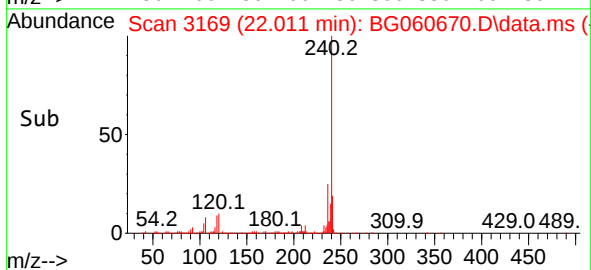
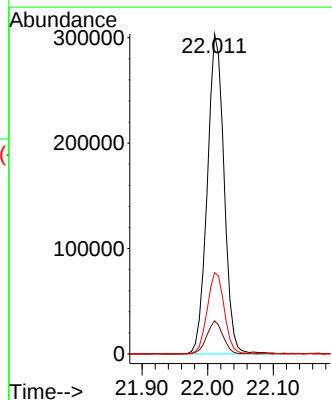
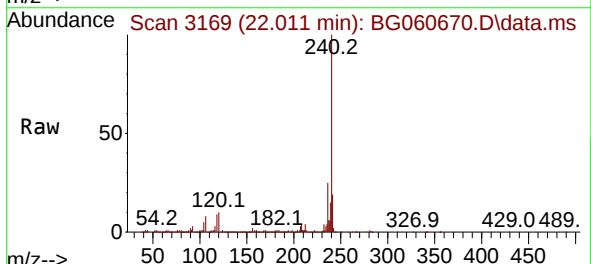
Instrument :
BNA_G
ClientSampleId :
PMW-1

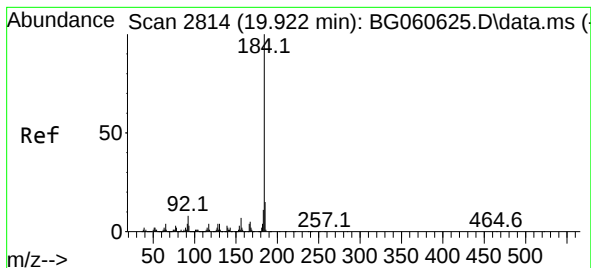
Tgt Ion:248 Resp: 29165
Ion Ratio Lower Upper
248 100
250 177.0 77.8 116.6#
141 487.1 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.011 min Scan# 3169
Delta R.T. -0.015 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Tgt Ion:240 Resp: 539740
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.8
236 25.4 20.6 31.0





#77

Benzidine

Concen: 2.937 ng

RT: 20.271 min Scan# 2873

Delta R.T. 0.349 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PMW-1

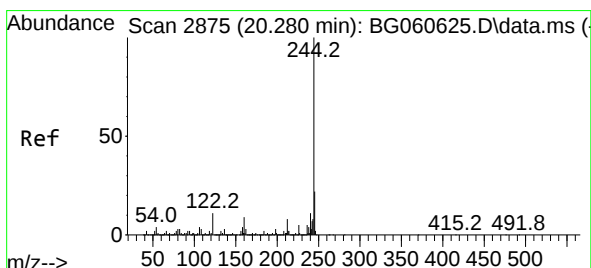
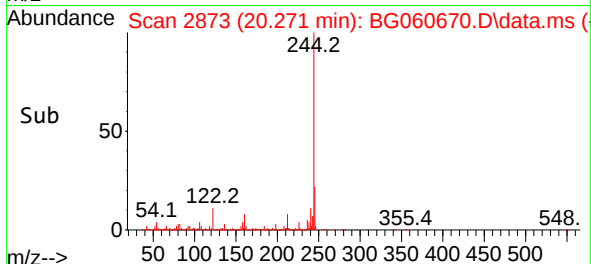
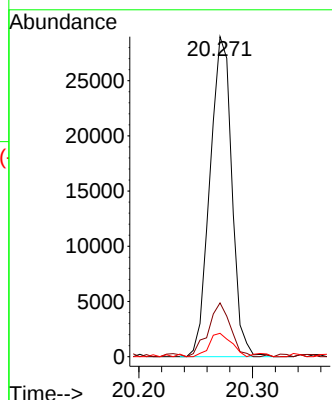
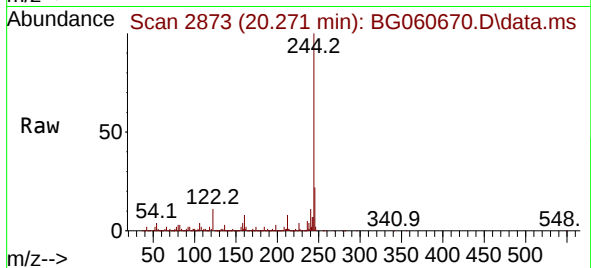
Tgt Ion:184 Resp: 38773

Ion Ratio Lower Upper

184 100

185 16.8 11.7 17.5

183 7.3 9.2 13.8#



#79

Terphenyl-d14

Concen: 78.315 ng

RT: 20.271 min Scan# 2873

Delta R.T. -0.009 min

Lab File: BG060670.D

Acq: 15 Mar 2024 19:31

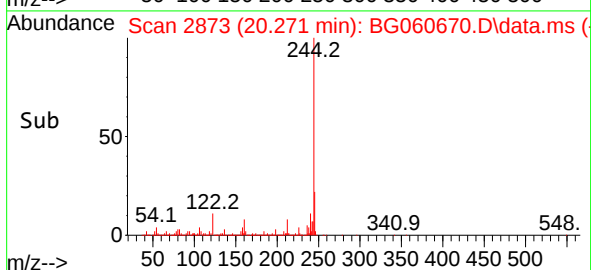
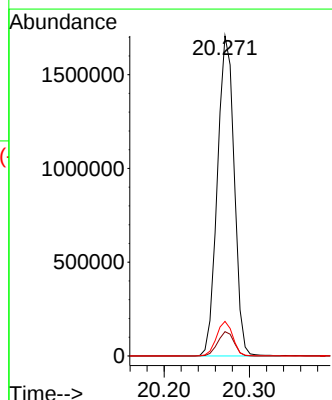
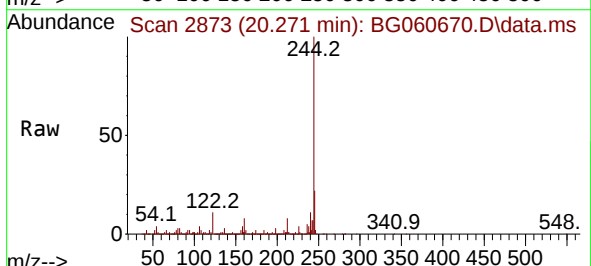
Tgt Ion:244 Resp: 2338529

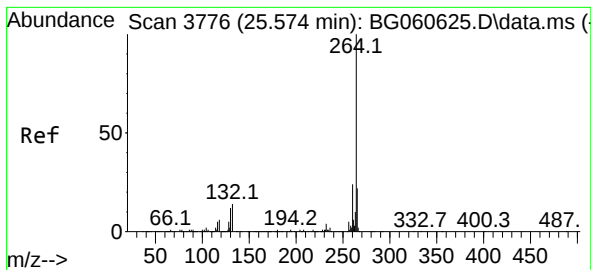
Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 10.8 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.565 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060670.D
Acq: 15 Mar 2024 19:31

Instrument :
BNA_G
ClientSampleId :
PMW-1

Tgt Ion:264 Resp: 613775

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.4	18.1	27.1

