

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
 Data File : BG060630.D
 Acq On : 13 Mar 2024 17:38
 Operator : MA/JU
 Sample : PB159549BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159549BL

Quant Time: Mar 14 01:02:13 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)

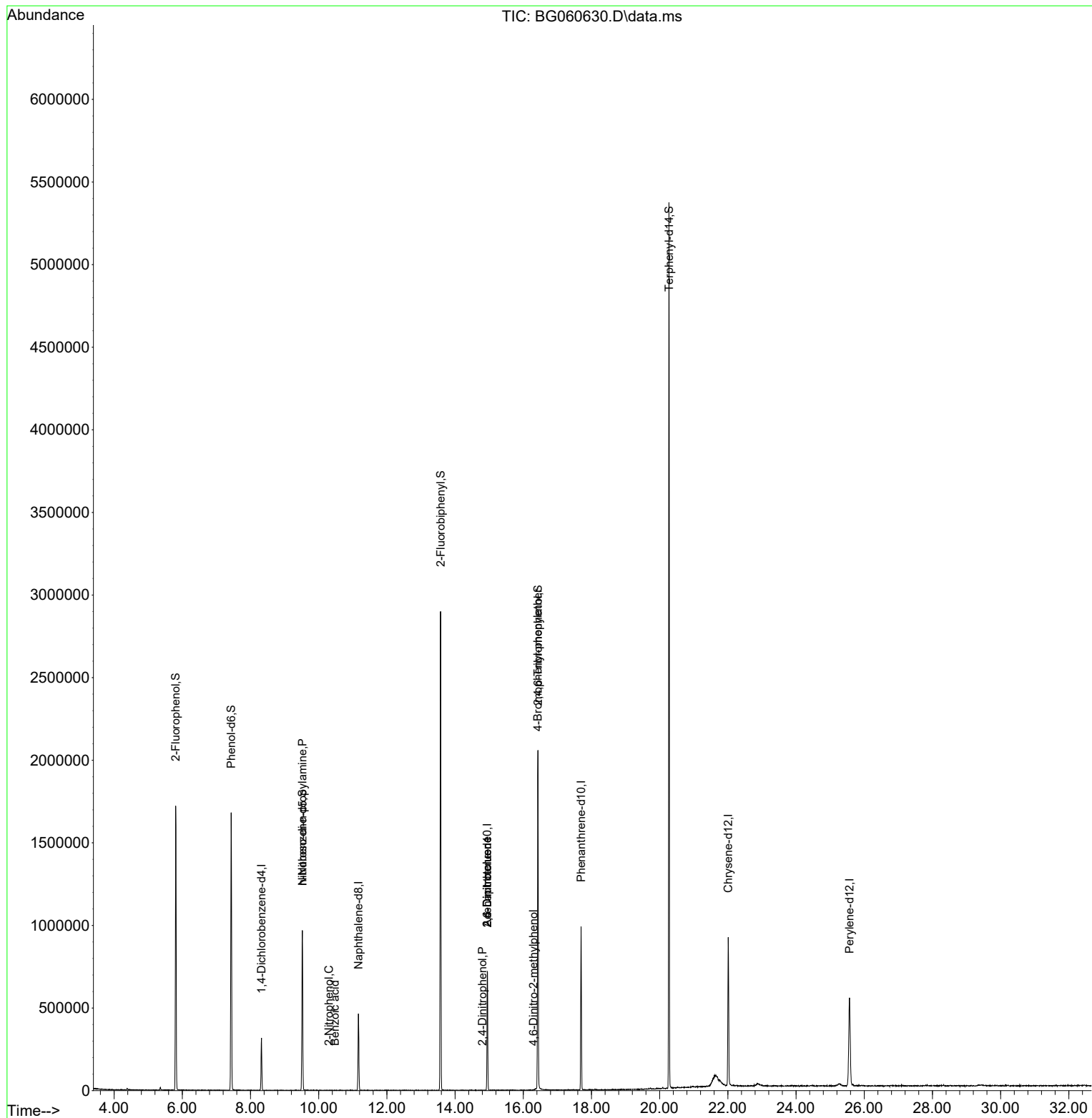
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	82620	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	372723	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	258825	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	603203	20.000	ng	0.00
76) Chrysene-d12	22.013	240	564629	20.000	ng	-0.01
86) Perylene-d12	25.567	264	631597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	688321	130.965	ng	0.00
7) Phenol-d6	7.436	99	946486	124.145	ng	0.00
23) Nitrobenzene-d5	9.521	82	565084	78.903	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	383705	127.934	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1480693	77.348	ng	0.00
79) Terphenyl-d14	20.273	244	2418263	77.416	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.521	70	72284	13.678	ng	# 77
26) 2-Nitrophenol	10.297	139	56	2.254	ng	# 23
32) Benzoic acid	10.473	122	59	6.033	ng	# 1
51) 2,6-Dinitrotoluene	14.944	165	33448	9.351	ng	# 18
54) 2,4-Dinitrophenol	14.803	184	66	6.877	ng	# 17
57) 2,4-Dinitrotoluene	14.944	165	33448	7.434	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.302	198	60	4.834	ng	# 1
67) 4-Bromophenyl-phenylether	16.425	248	24865	3.823	ng	# 1

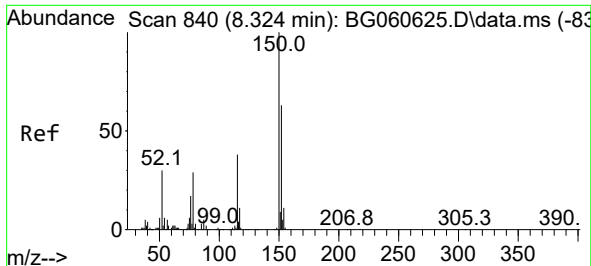
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
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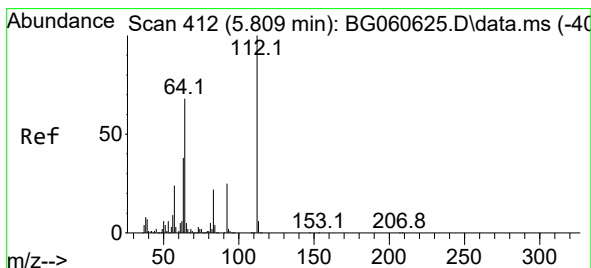
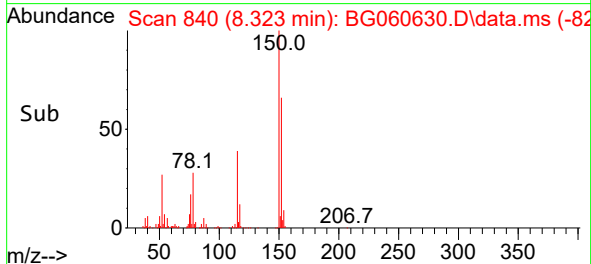
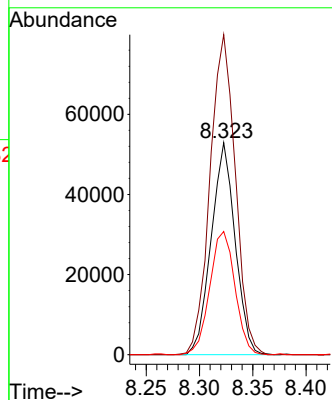
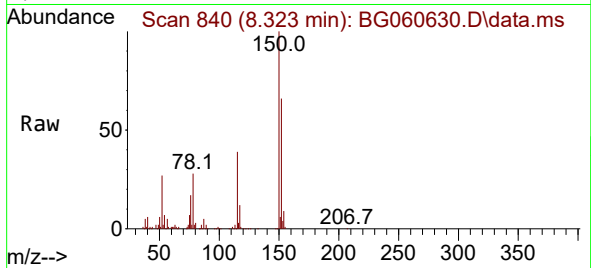




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.323 min Scan# 840
 Delta R.T. -0.001 min
 Lab File: BG060630.D
 Acq: 13 Mar 2024 17:38

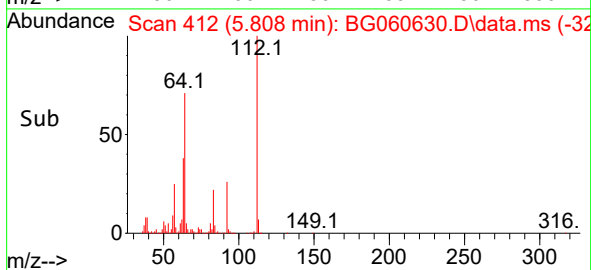
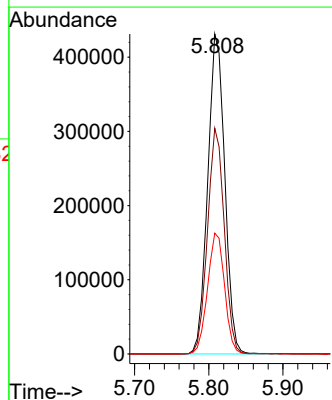
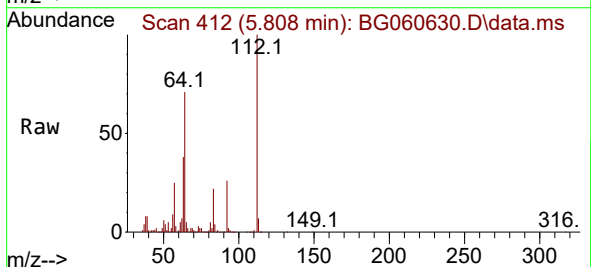
Instrument :
 BNA_G
 ClientSampleId :
 PB159549BL

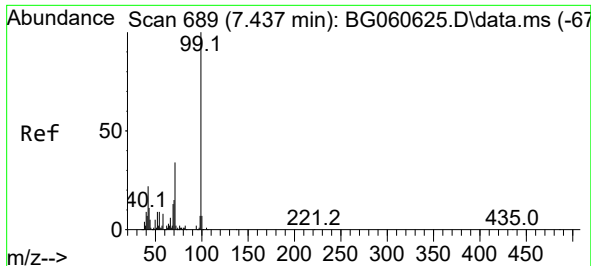
Tgt Ion:152 Resp: 82620
 Ion Ratio Lower Upper
 152 100
 150 151.0 126.6 190.0
 115 58.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 130.965 ng
 RT: 5.808 min Scan# 412
 Delta R.T. -0.001 min
 Lab File: BG060630.D
 Acq: 13 Mar 2024 17:38

Tgt Ion:112 Resp: 688321
 Ion Ratio Lower Upper
 112 100
 64 70.5 54.1 81.1
 63 37.8 30.3 45.5

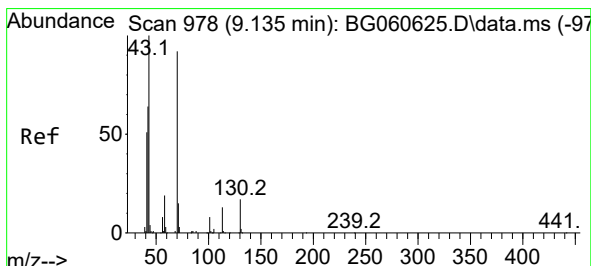
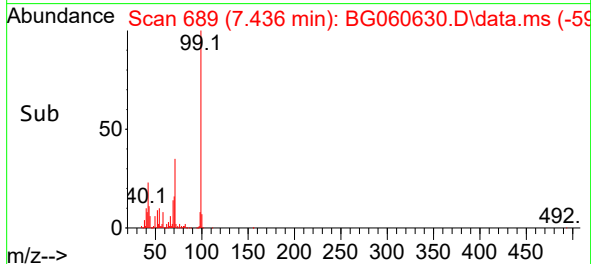
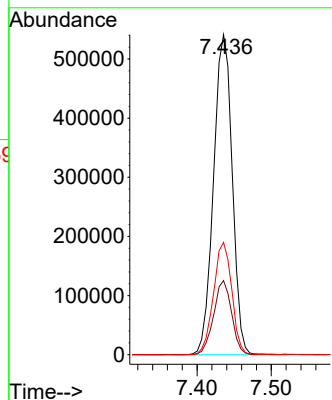
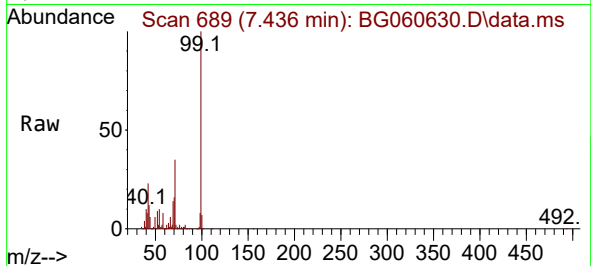




#7
Phenol-d6
Concen: 124.145 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

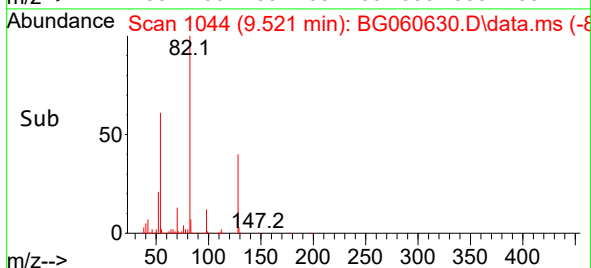
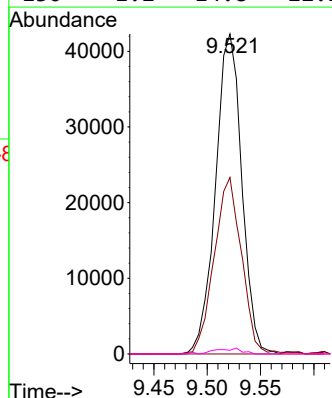
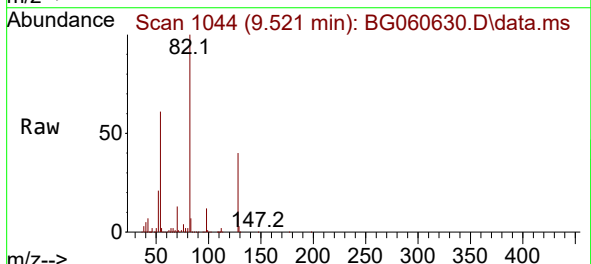
Instrument :
BNA_G
ClientSampleId :
PB159549BL

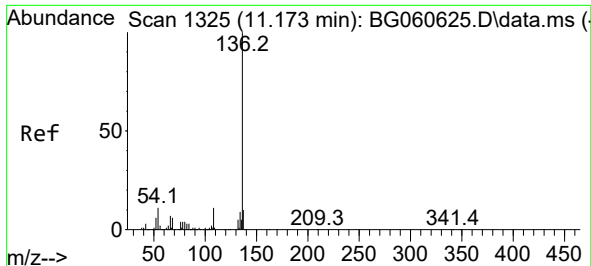
Tgt Ion: 99 Resp: 946486
Ion Ratio Lower Upper
99 100
42 23.2 17.5 26.3
71 35.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.678 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion: 70 Resp: 72284
Ion Ratio Lower Upper
70 100
42 55.2 56.2 84.2#
101 0.0 7.4 11.0#
130 1.2 14.8 22.2#

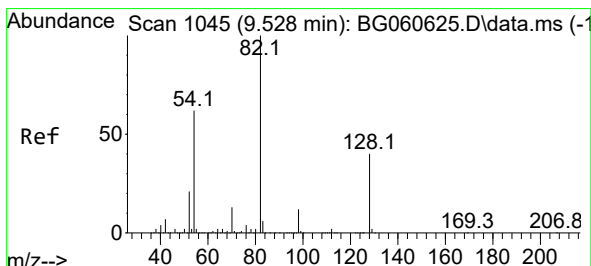
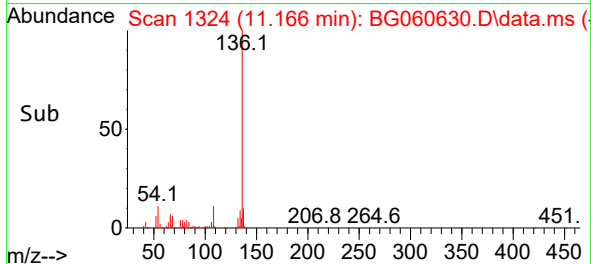
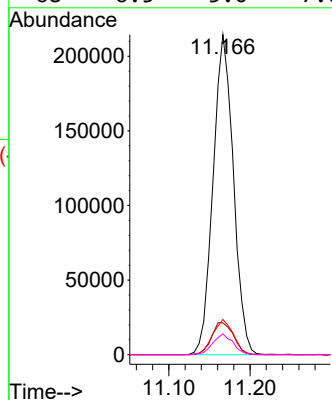
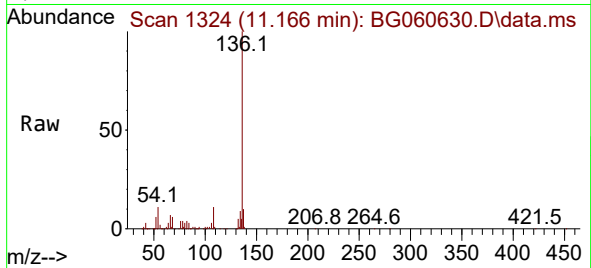




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 111
Delta R.T. -0.007 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

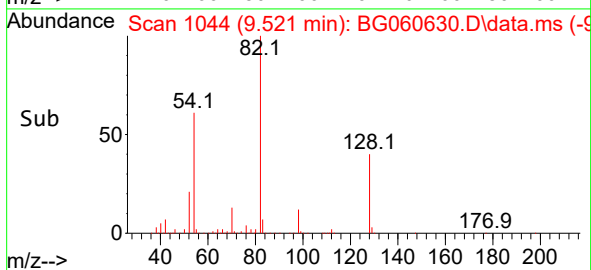
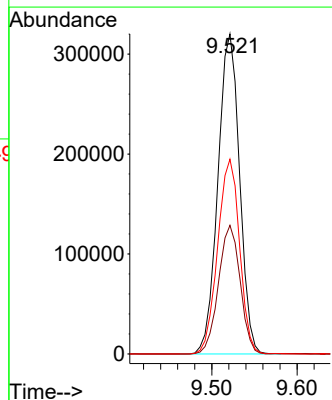
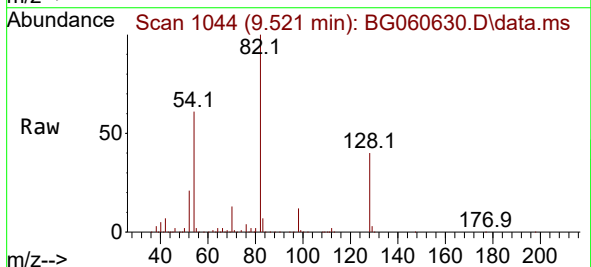
Instrument :
BNA_G
ClientSampleId :
PB159549BL

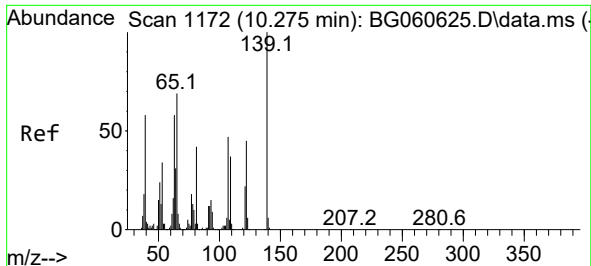
Tgt Ion:136 Resp: 372723
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 11.0 8.5 12.7
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 78.903 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion: 82 Resp: 565084
Ion Ratio Lower Upper
82 100
128 40.2 31.6 47.4
54 60.9 49.3 73.9

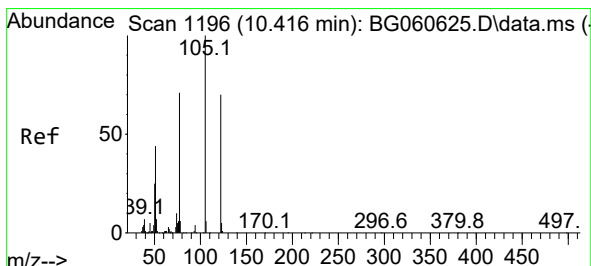
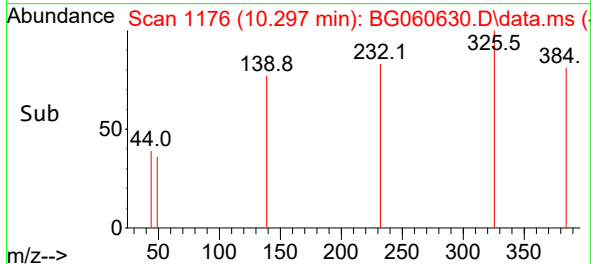
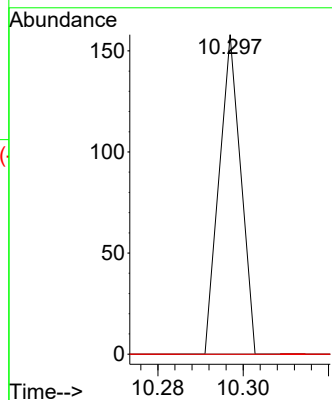
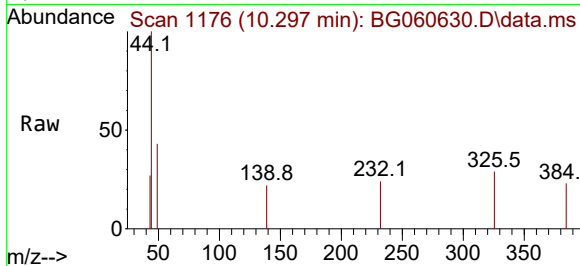




#26
2-Nitrophenol
Concen: 2.254 ng
RT: 10.297 min Scan# 1176
Delta R.T. 0.022 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

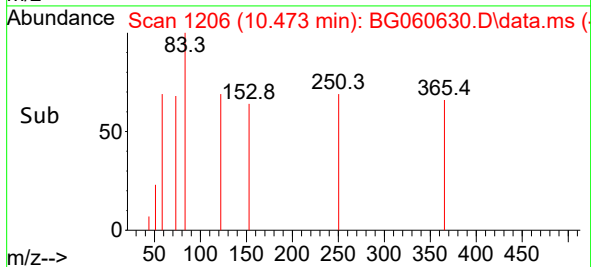
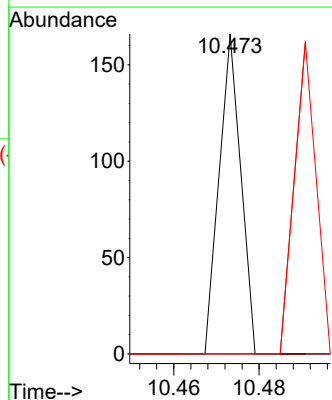
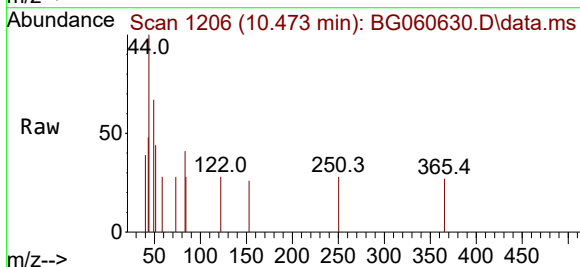
Instrument :
BNA_G
ClientSampleId :
PB159549BL

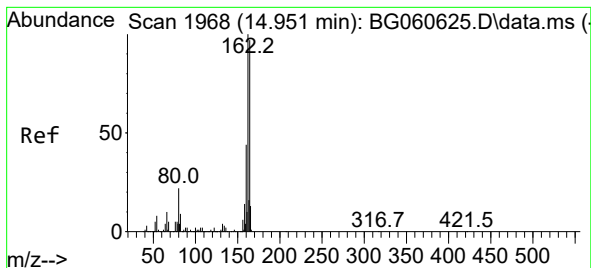
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.033 ng
RT: 10.473 min Scan# 1206
Delta R.T. 0.057 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion:122 Resp: 59
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: 14.944 min Scan# 1967

Delta R.T. -0.007 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

Instrument :

BNA_G

ClientSampleId :

PB159549BL

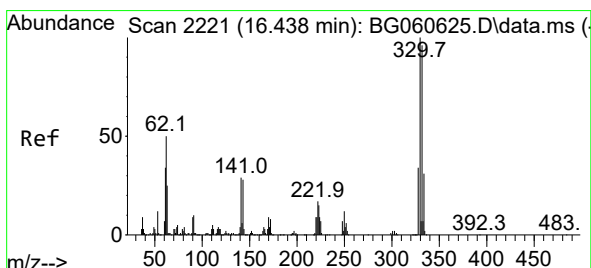
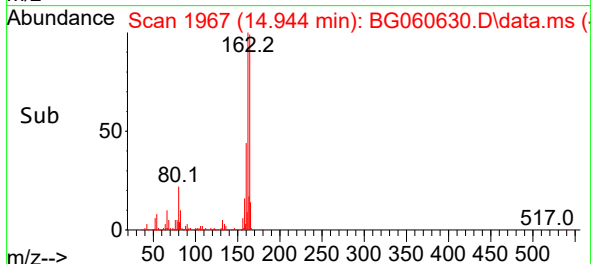
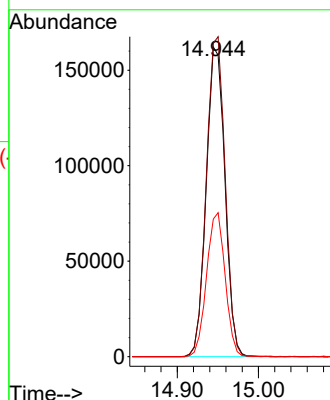
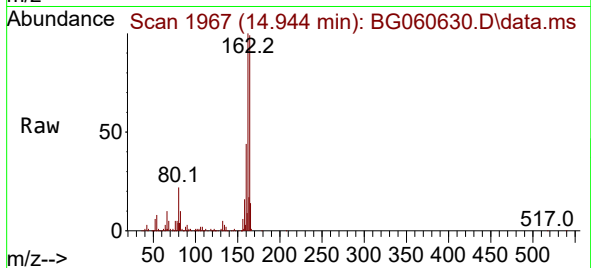
Tgt Ion:164 Resp: 258825

Ion Ratio Lower Upper

164 100

162 101.2 82.5 123.7

160 44.4 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 127.934 ng

RT: 16.431 min Scan# 2220

Delta R.T. -0.007 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

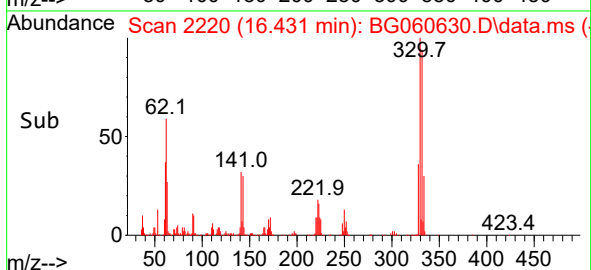
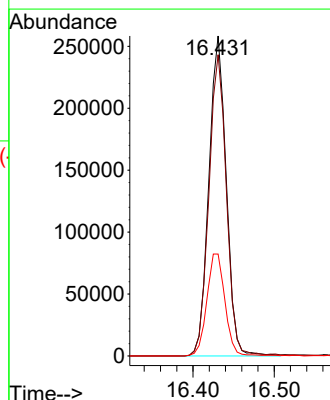
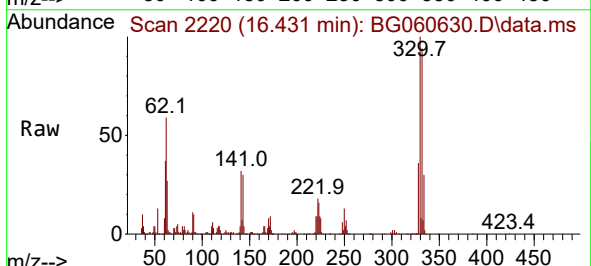
Tgt Ion:330 Resp: 383705

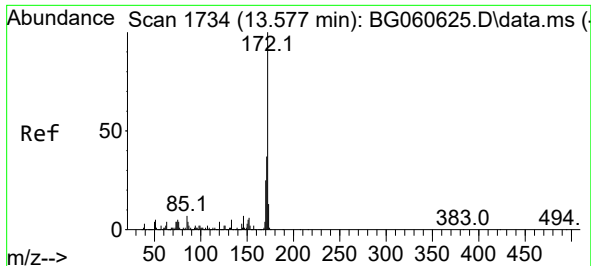
Ion Ratio Lower Upper

330 100

332 94.7 77.8 116.8

141 33.4 25.4 38.2

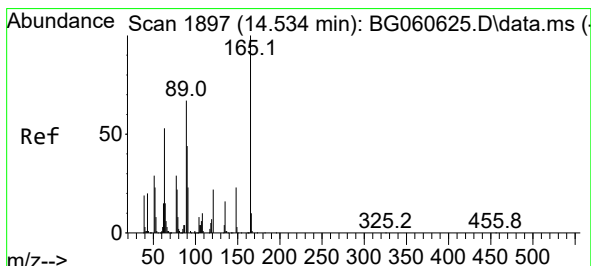
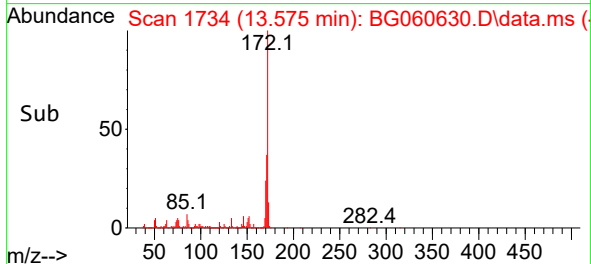
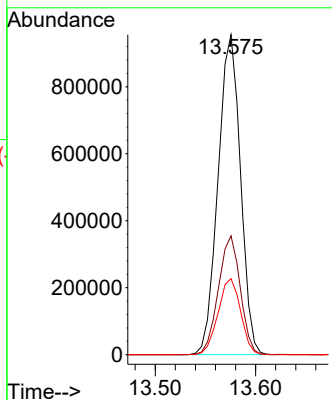
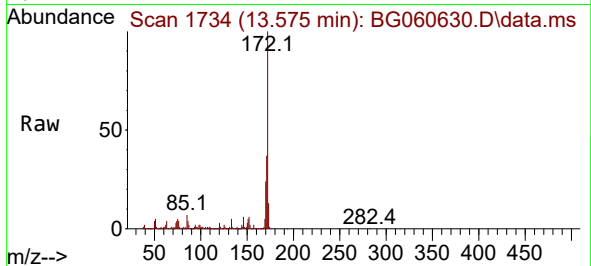




#45
2-Fluorobiphenyl
Concen: 77.348 ng
RT: 13.575 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

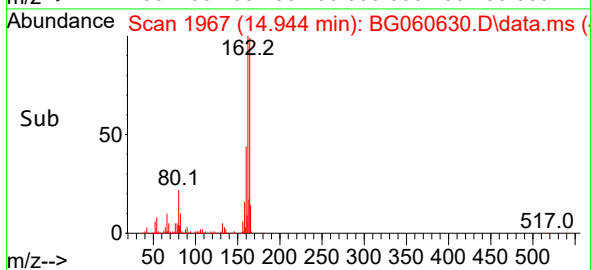
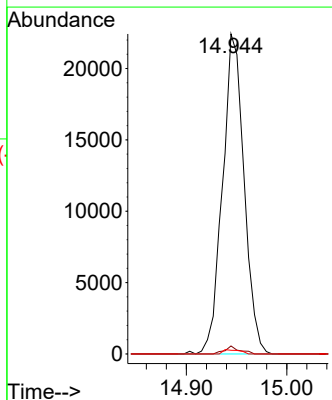
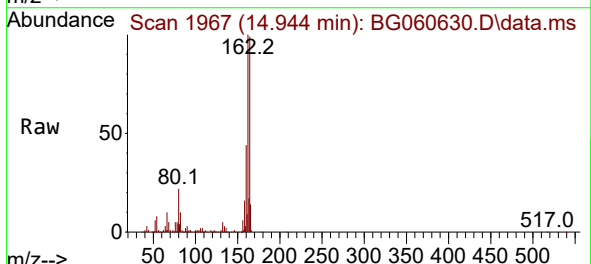
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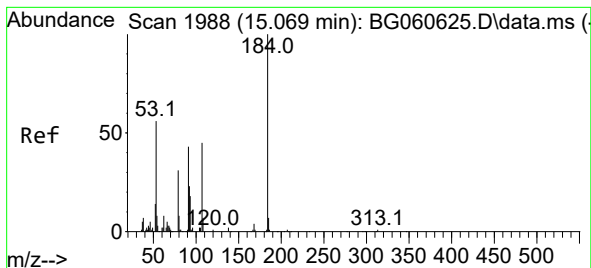
Tgt Ion:172 Resp: 1480693
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 23.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.351 ng
RT: 14.944 min Scan# 1967
Delta R.T. 0.410 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion:165 Resp: 33448
Ion Ratio Lower Upper
165 100
63 2.5 55.8 83.6#
89 1.1 54.1 81.1#

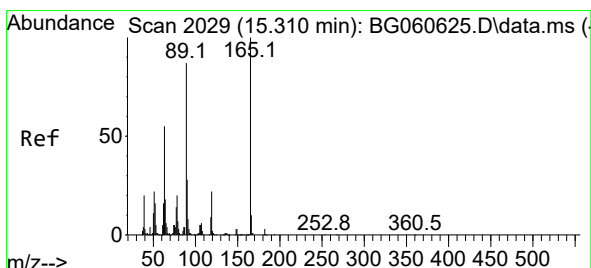
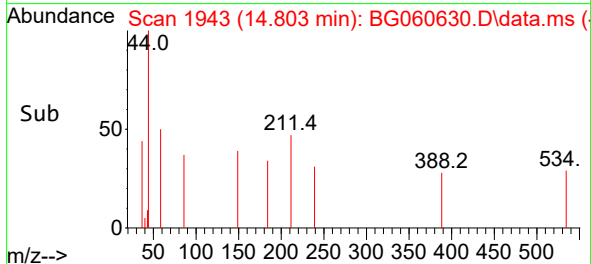
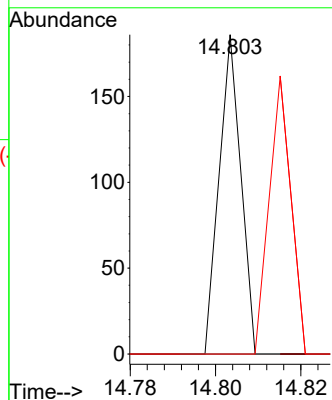
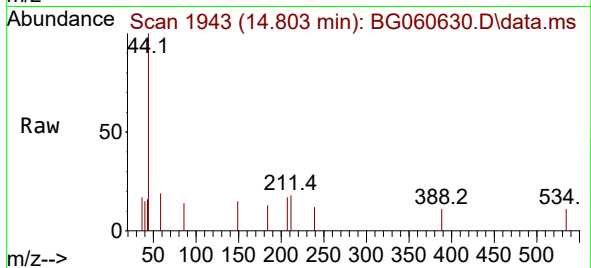




#54
2,4-Dinitrophenol
Concen: 6.877 ng
RT: 14.803 min Scan# 1988
Delta R.T. -0.266 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

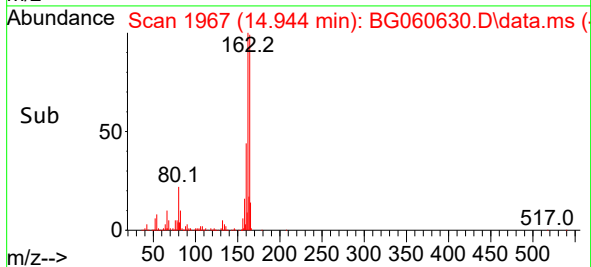
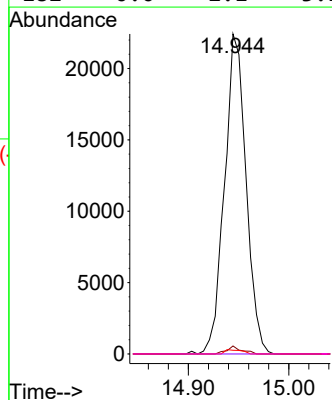
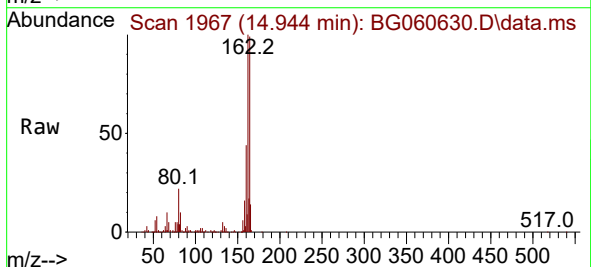
Instrument :
BNA_G
ClientSampleId :
PB159549BL

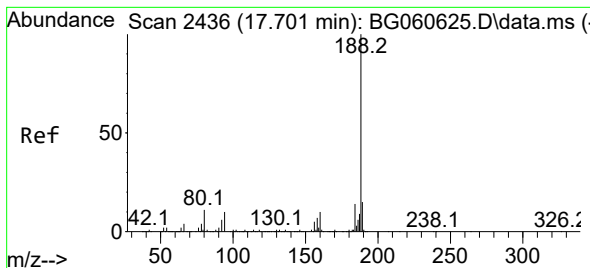
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.434 ng
RT: 14.944 min Scan# 1967
Delta R.T. -0.365 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion:165 Resp: 33448
Ion Ratio Lower Upper
165 100
63 2.5 44.1 66.1#
89 1.1 69.7 104.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2436

Delta R.T. -0.007 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

Instrument :

BNA_G

ClientSampleId :

PB159549BL

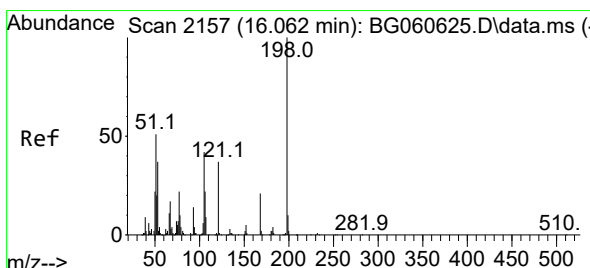
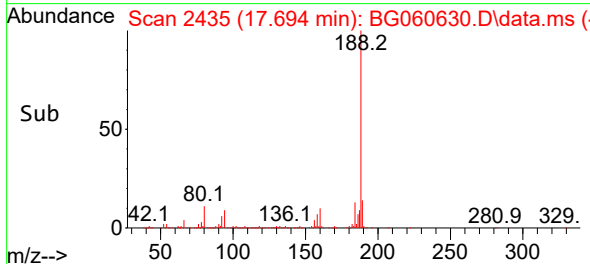
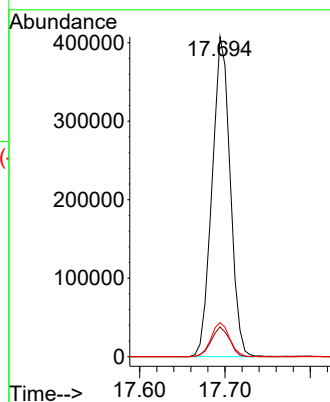
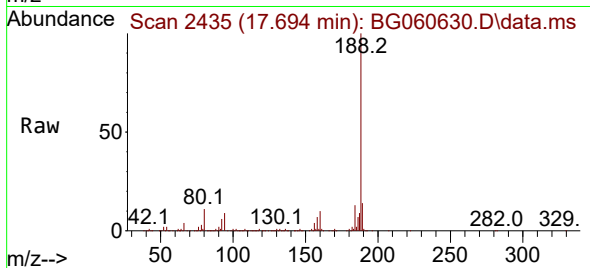
Tgt Ion:188 Resp: 603203

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.6 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.834 ng

RT: 16.302 min Scan# 2198

Delta R.T. 0.240 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

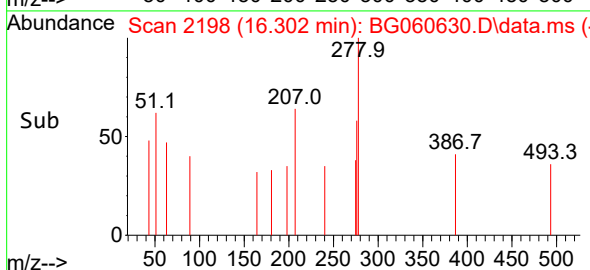
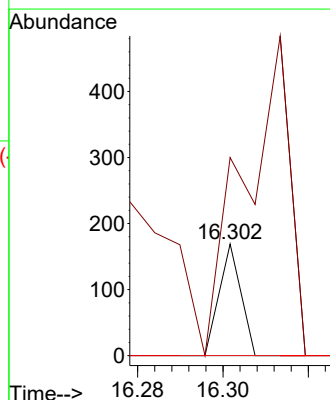
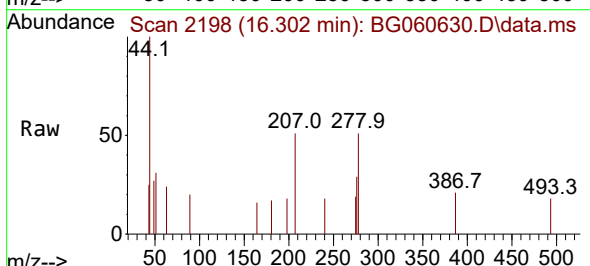
Tgt Ion:198 Resp: 60

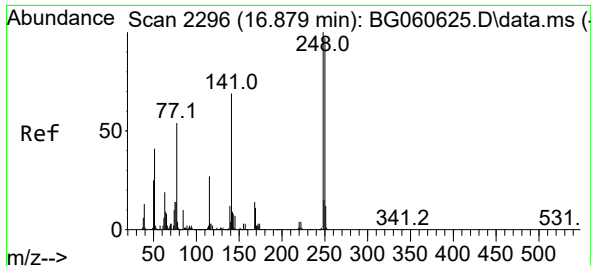
Ion Ratio Lower Upper

198 100

51 177.5 36.9 76.9#

105 0.0 22.4 62.4#

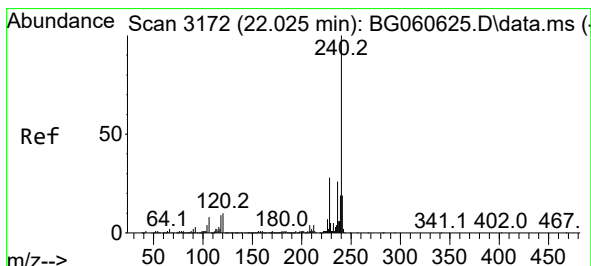
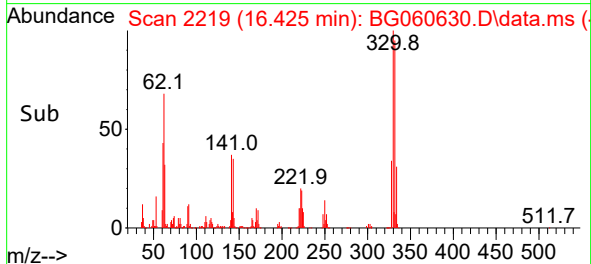
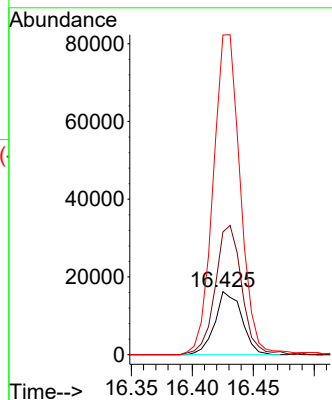
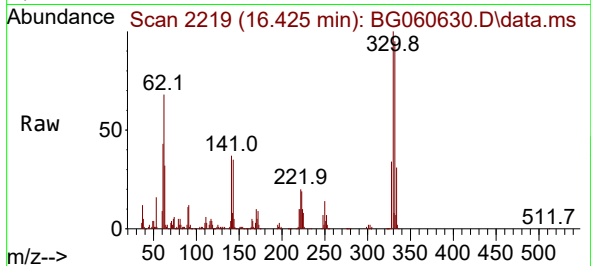




#67
4-Bromophenyl-phenylether
Concen: 3.823 ng
RT: 16.425 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

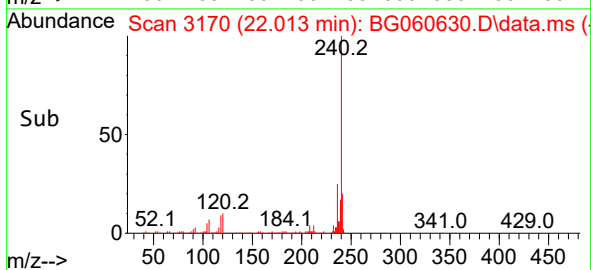
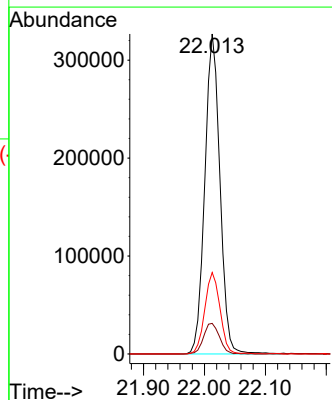
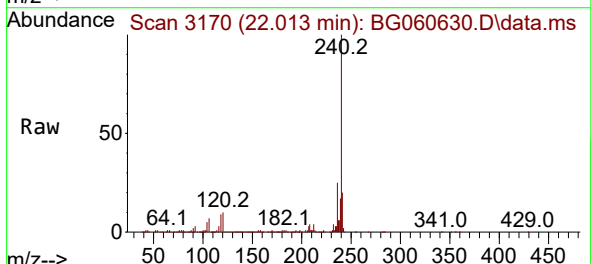
Instrument :
BNA_G
ClientSampleId :
PB159549BL

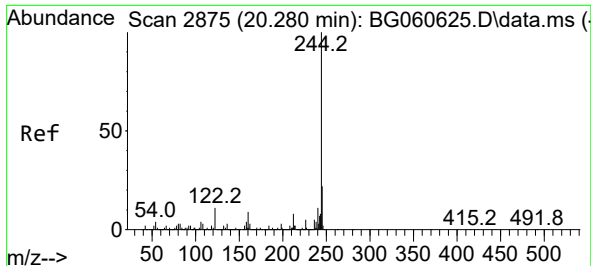
Tgt Ion:248 Resp: 24865
Ion Ratio Lower Upper
248 100
250 194.7 77.8 116.6#
141 507.6 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG060630.D
Acq: 13 Mar 2024 17:38

Tgt Ion:240 Resp: 564629
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.8
236 25.5 20.6 31.0

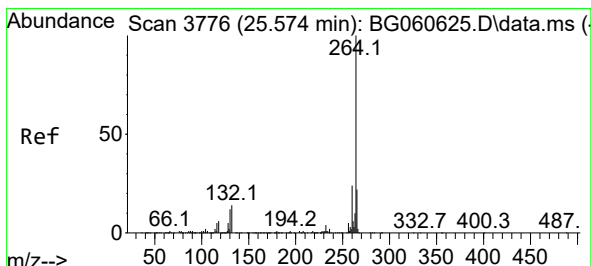
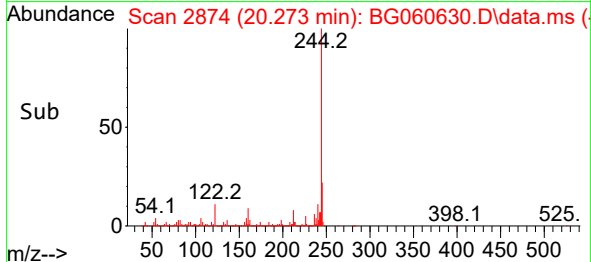
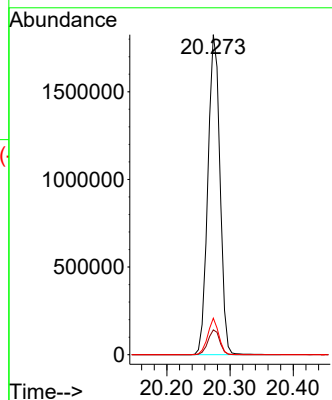
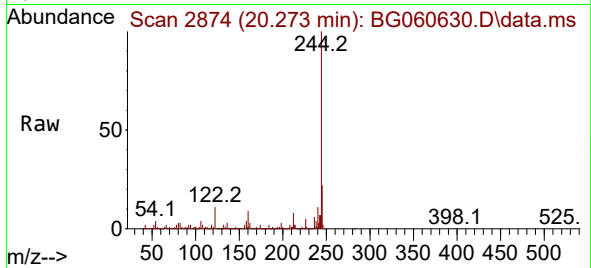




#79
 Terphenyl-d14
 Concen: 77.416 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060630.D
 Acq: 13 Mar 2024 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB159549BL

Tgt Ion:244 Resp: 2418263
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.567 min Scan# 3775
 Delta R.T. -0.007 min
 Lab File: BG060630.D
 Acq: 13 Mar 2024 17:38

Tgt Ion:264 Resp: 631597
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.5 18.1 27.1

