

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060671.D
 Acq On : 15 Mar 2024 20:12
 Operator : MA/JU
 Sample : P1764-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 15 23:40:06 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)

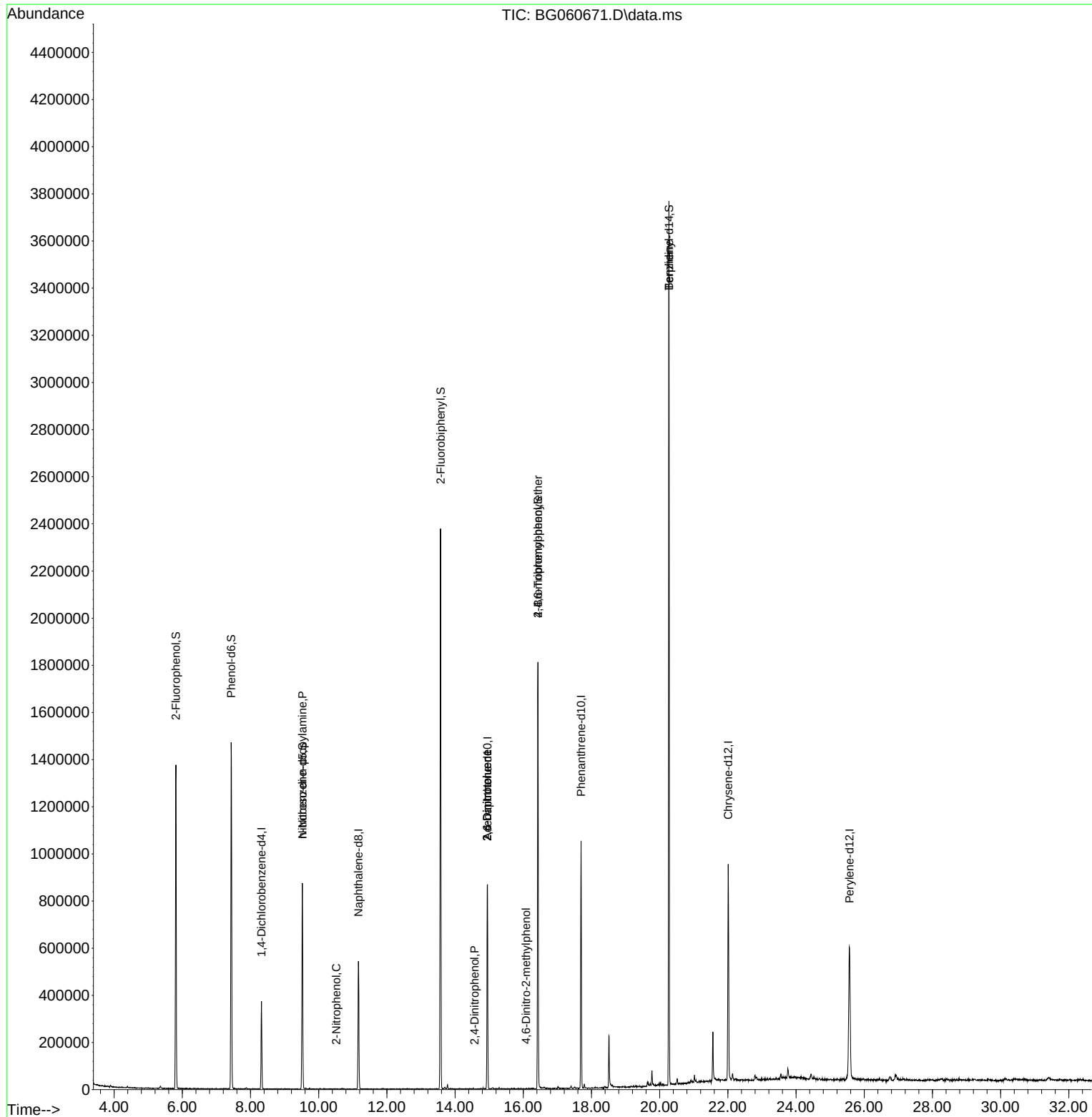
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	100919	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	457451	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	309482	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	644928	20.000	ng	0.00
76) Chrysene-d12	22.012	240	569166	20.000	ng	-0.01
86) Perylene-d12	25.567	264	669999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	569406	88.695	ng	0.00
7) Phenol-d6	7.435	99	843766	90.604	ng	0.00
23) Nitrobenzene-d5	9.521	82	506414	57.614	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	335909	93.666	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1271805	55.562	ng	0.00
79) Terphenyl-d14	20.273	244	1833211	58.219	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.521	70	62067	9.615	ng	# 81
26) 2-Nitrophenol	10.514	139	61	2.252	ng	# 23
51) 2,6-Dinitrotoluene	14.944	165	40363	9.438	ng	# 17
54) 2,4-Dinitrophenol	14.574	184	86	6.880	ng	# 17
57) 2,4-Dinitrotoluene	14.944	165	40363	7.502	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.078	198	58	4.833	ng	# 27
67) 4-Bromophenyl-phenylether	16.431	248	21425	3.081	ng	# 1
77) Benzidine	20.273	184	28512	2.048	ng	# 89

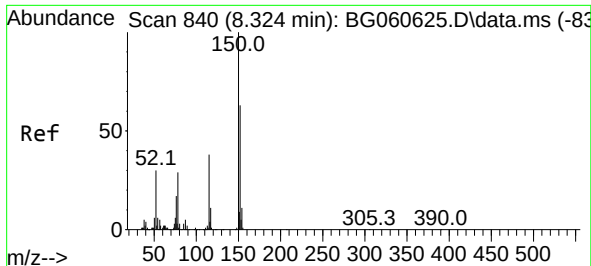
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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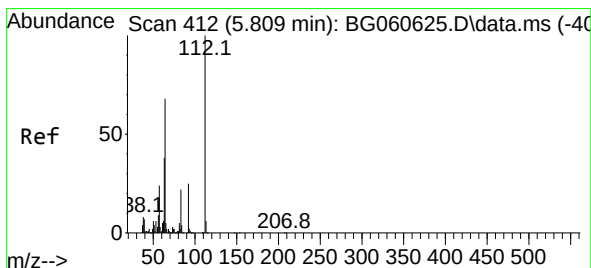
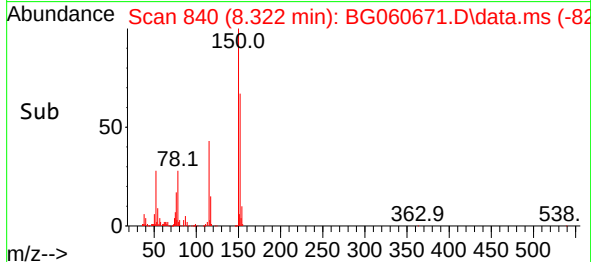
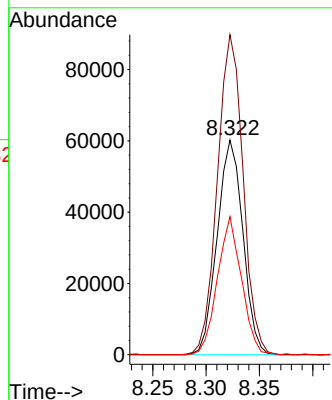
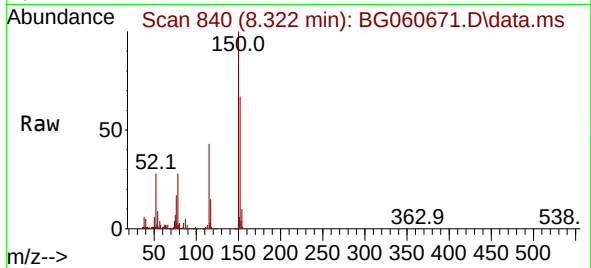




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.322 min Scan# 840
 Delta R.T. -0.002 min
 Lab File: BG060671.D
 Acq: 15 Mar 2024 20:12

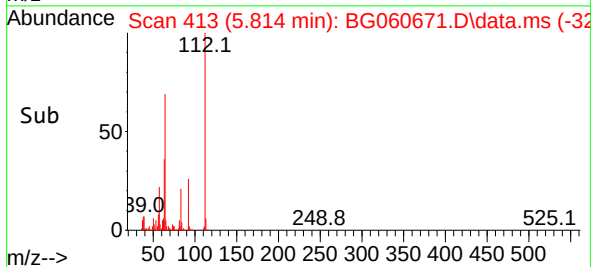
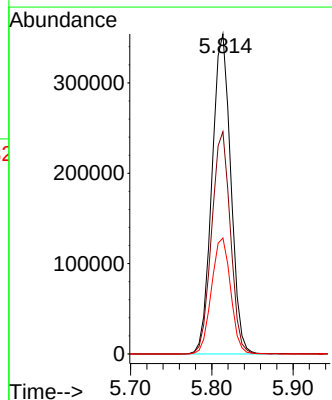
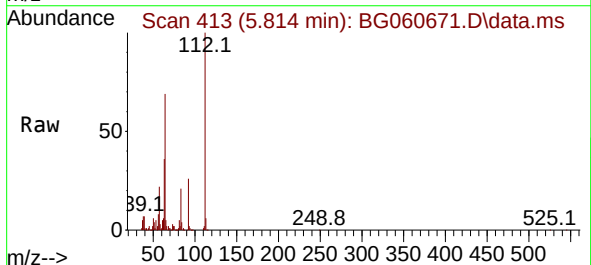
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

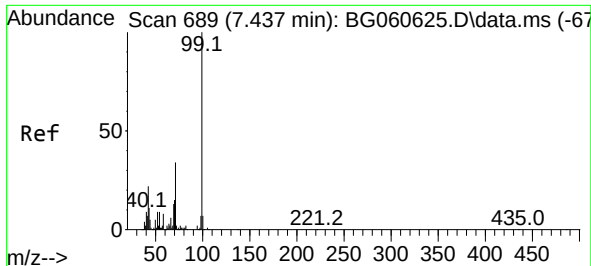
Tgt Ion:152 Resp: 100919
 Ion Ratio Lower Upper
 152 100
 150 149.1 126.6 190.0
 115 64.4 47.8 71.8



#5
 2-Fluorophenol
 Concen: 88.695 ng
 RT: 5.814 min Scan# 413
 Delta R.T. 0.004 min
 Lab File: BG060671.D
 Acq: 15 Mar 2024 20:12

Tgt Ion:112 Resp: 569406
 Ion Ratio Lower Upper
 112 100
 64 69.4 54.1 81.1
 63 36.2 30.3 45.5

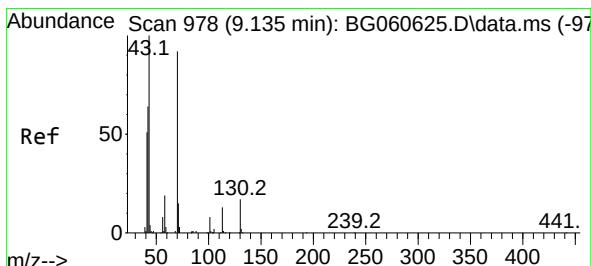
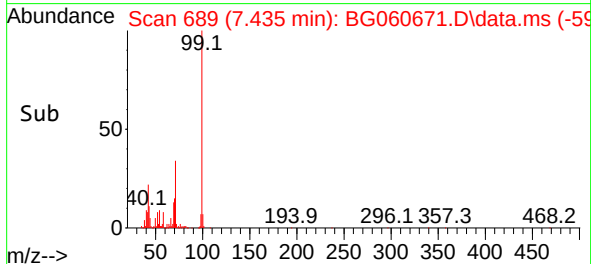
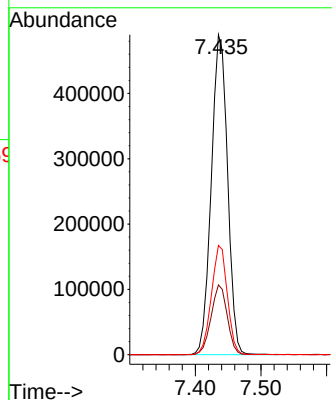
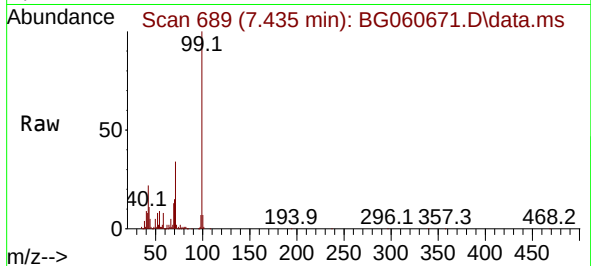




#7
Phenol-d6
Concen: 90.604 ng
RT: 7.435 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

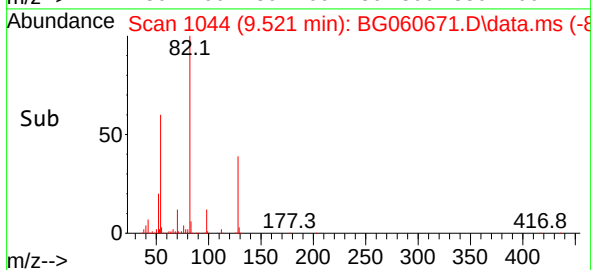
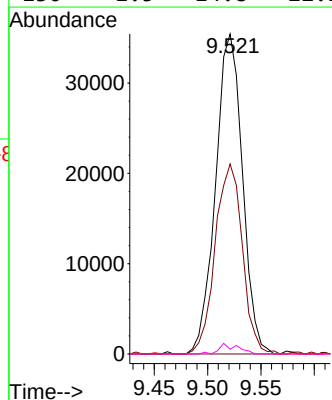
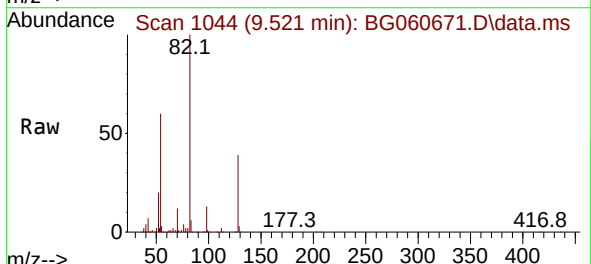
Instrument :
BNA_G
ClientSampleId :
COMP-2

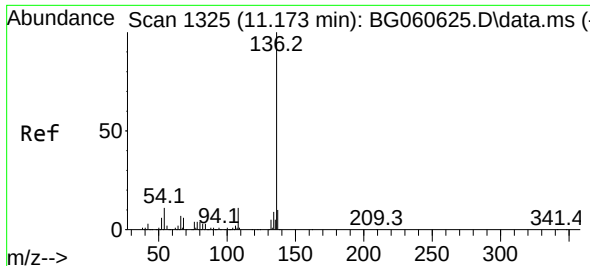
Tgt Ion: 99 Resp: 843766
Ion Ratio Lower Upper
99 100
42 21.8 17.5 26.3
71 34.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.615 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.386 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion: 70 Resp: 62067
Ion Ratio Lower Upper
70 100
42 59.4 56.2 84.2
101 0.0 7.4 11.0#
130 1.5 14.8 22.2#

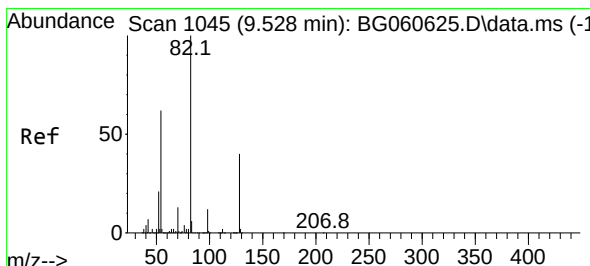
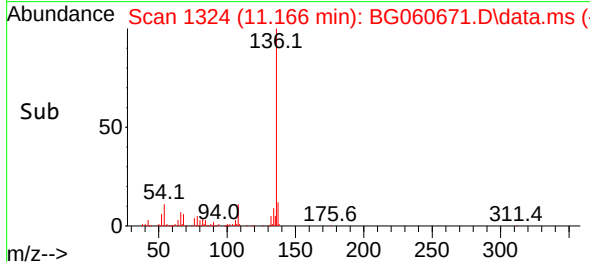
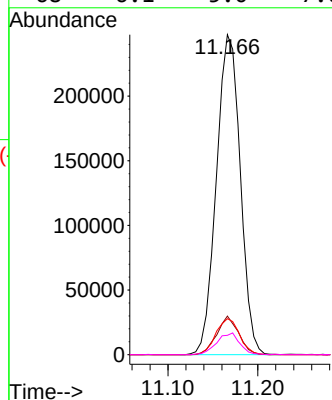
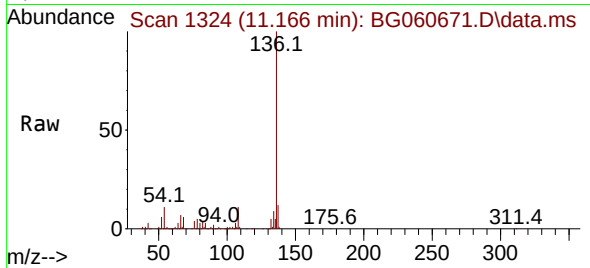




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

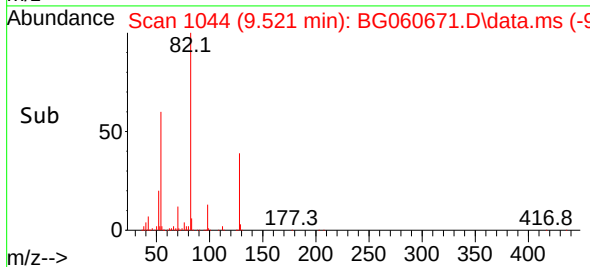
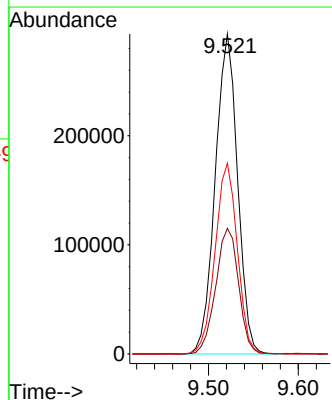
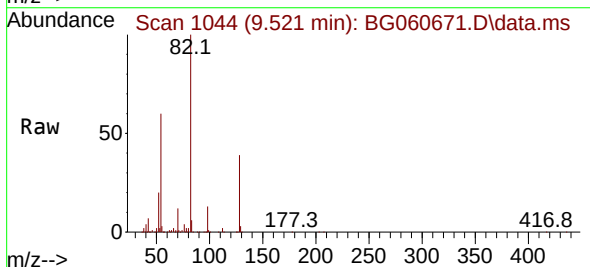
Instrument :
BNA_G
ClientSampleId :
COMP-2

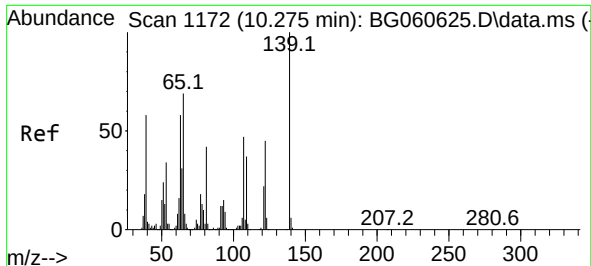
Tgt Ion:	136	Resp:	457451
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.4	12.6
54	11.3	8.5	12.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 57.614 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:	82	Resp:	506414
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.6	47.4
54	59.6	49.3	73.9

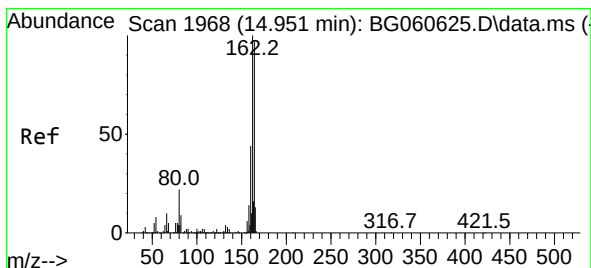
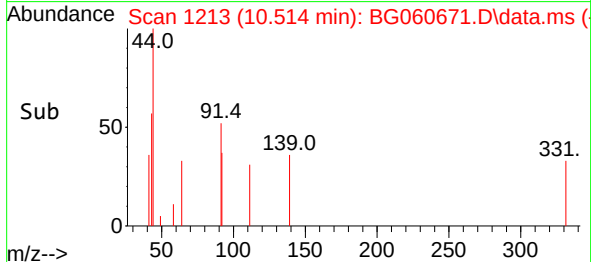
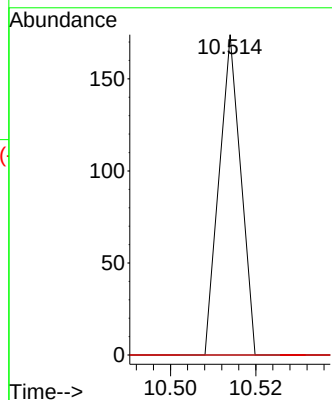
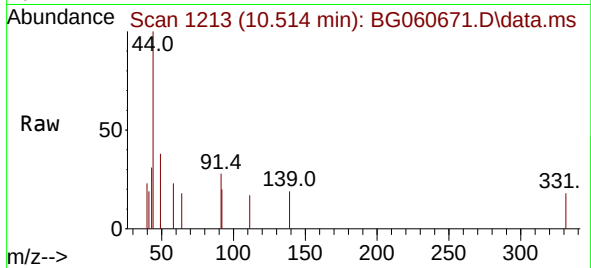




#26
2-Nitrophenol
Concen: 2.252 ng
RT: 10.514 min Scan# 1172
Delta R.T. 0.239 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

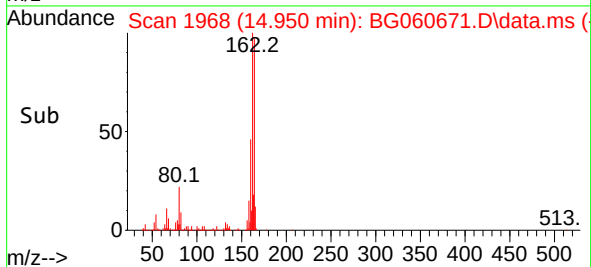
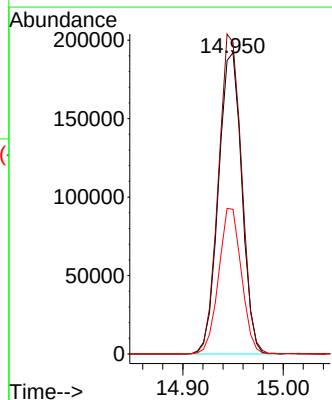
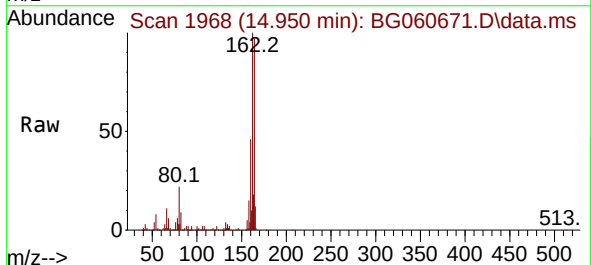
Instrument :
BNA_G
ClientSampleId :
COMP-2

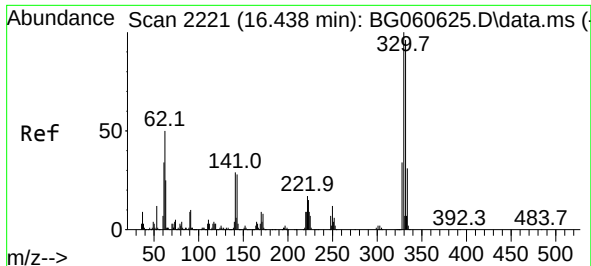
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:164 Resp: 309482
Ion Ratio Lower Upper
164 100
162 103.4 82.5 123.7
160 48.0 36.4 54.6

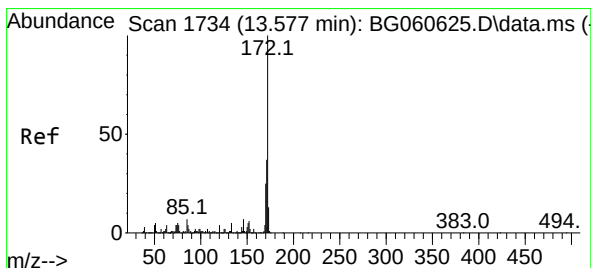
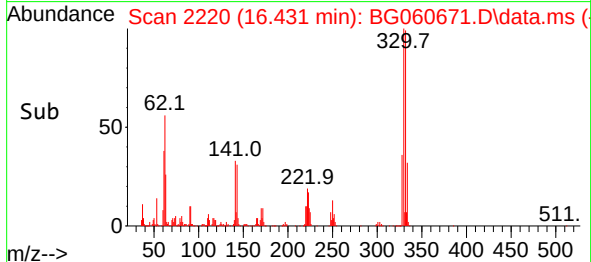
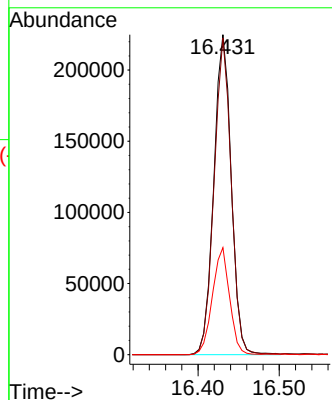
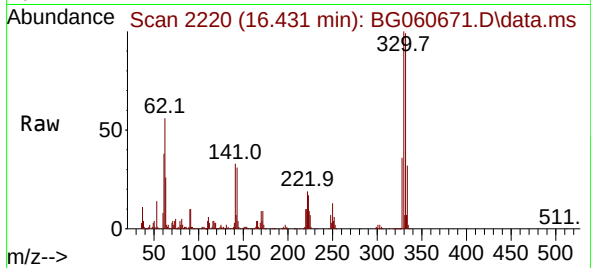




#42
2,4,6-Tribromophenol
Concen: 93.666 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

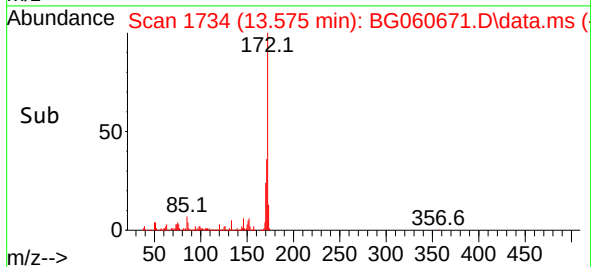
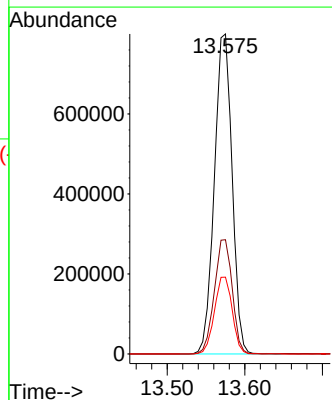
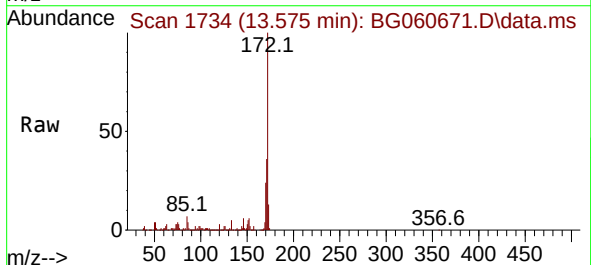
Instrument :
BNA_G
ClientSampleId :
COMP-2

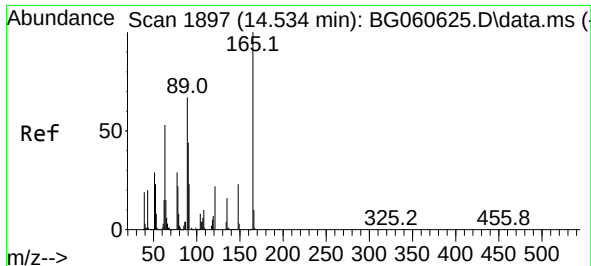
Tgt Ion:330 Resp: 335909
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 32.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 55.562 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:172 Resp: 1271805
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 24.0 19.8 29.6

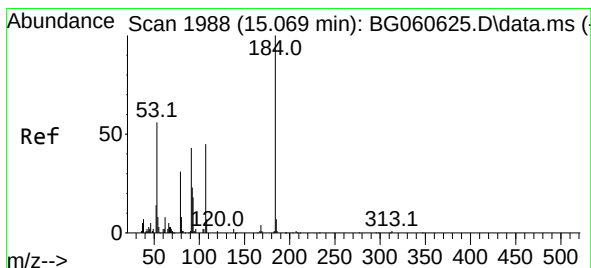
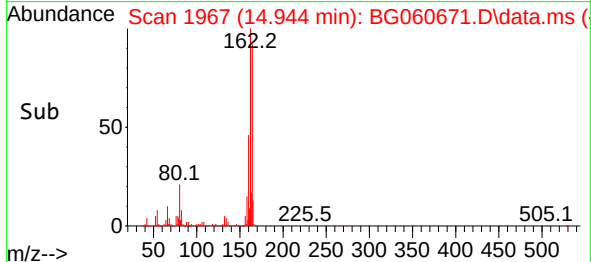
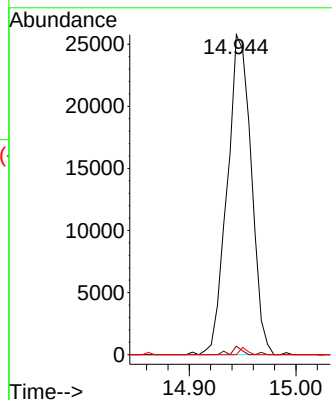
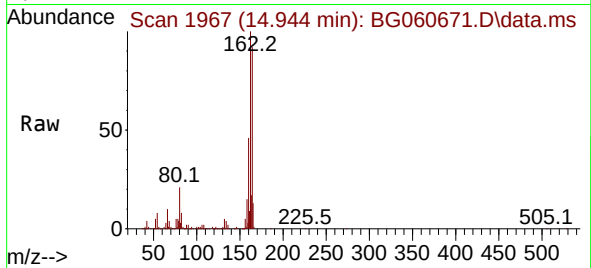




#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 14.944 min Scan# 1904
Delta R.T. 0.410 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

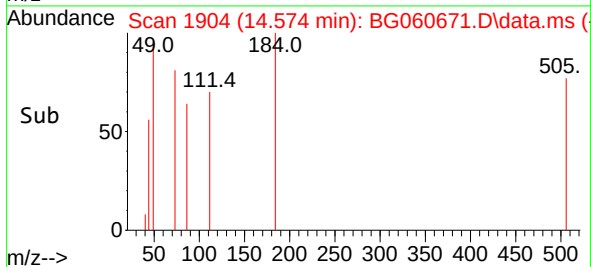
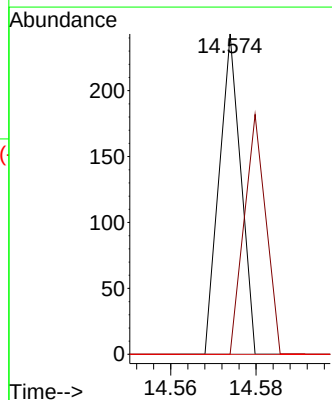
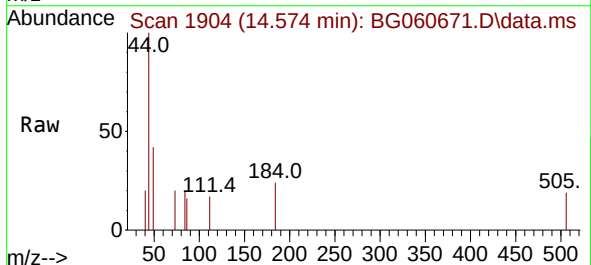
Instrument :
BNA_G
ClientSampleId :
COMP-2

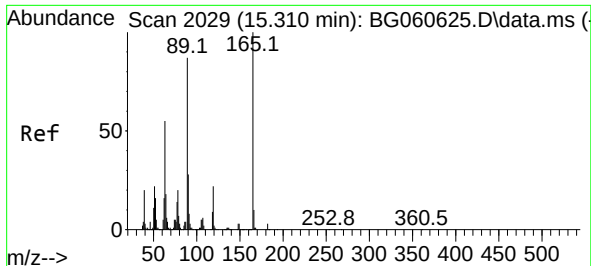
Tgt Ion:165 Resp: 40363
Ion Ratio Lower Upper
165 100
63 2.6 55.8 83.6#
89 0.0 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.880 ng
RT: 14.574 min Scan# 1904
Delta R.T. -0.495 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:184 Resp: 86
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: 7.502 ng

RT: 14.944 min Scan# 1967

Delta R.T. -0.366 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:165 Resp: 40363

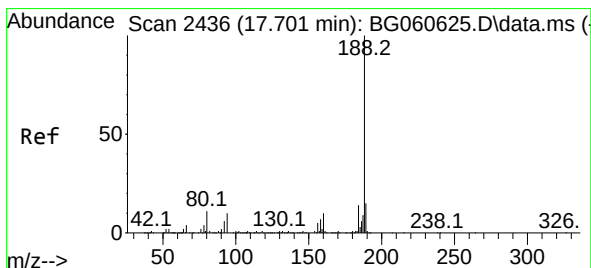
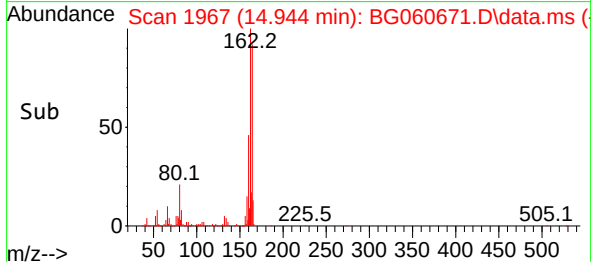
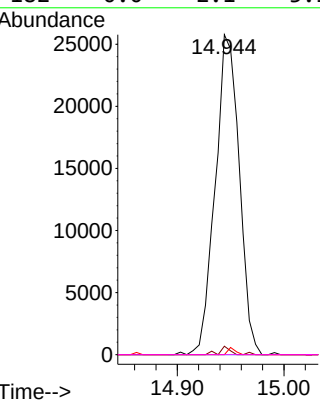
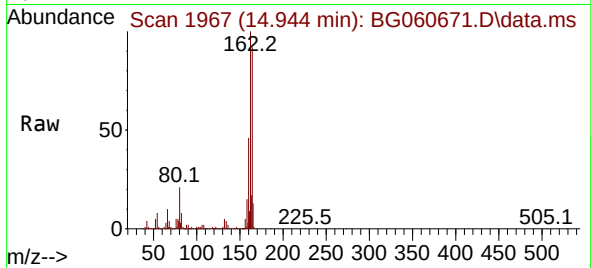
Ion Ratio Lower Upper

165 100

63 2.6 44.1 66.1#

89 0.0 69.7 104.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2435

Delta R.T. -0.007 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

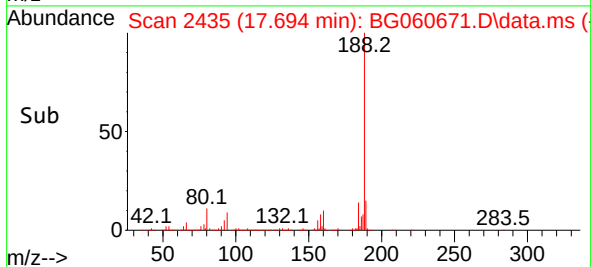
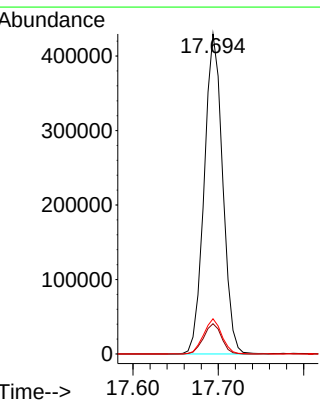
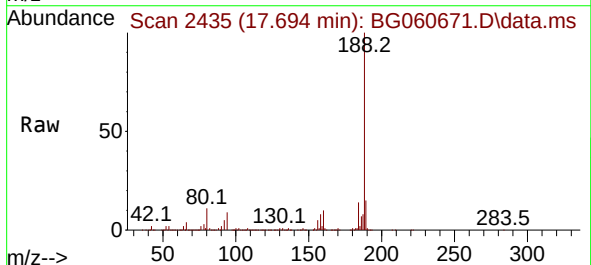
Tgt Ion:188 Resp: 644928

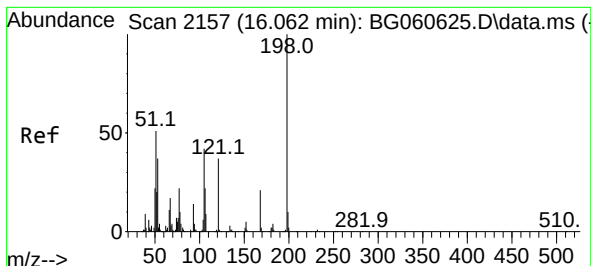
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 11.0 8.6 13.0

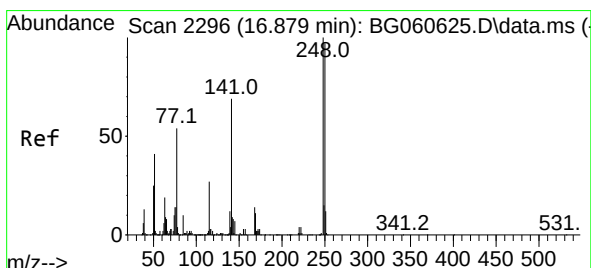
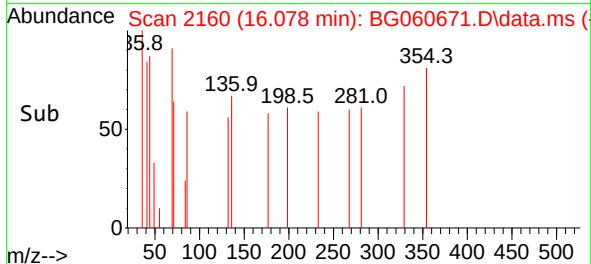
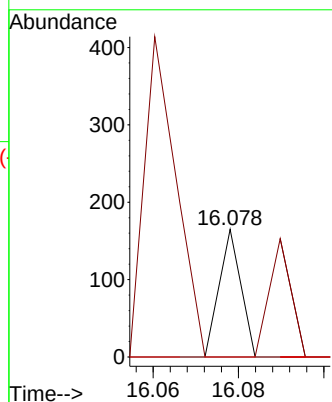
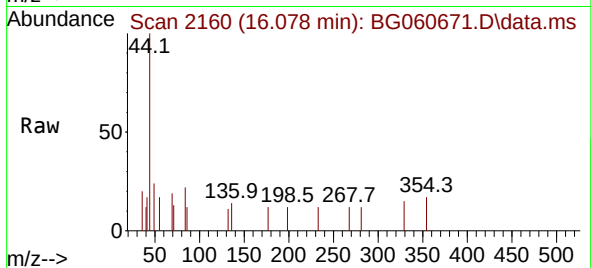




#65
4,6-Dinitro-2-methylphenol
Concen: 4.833 ng
RT: 16.078 min Scan# 2157
Delta R.T. 0.016 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

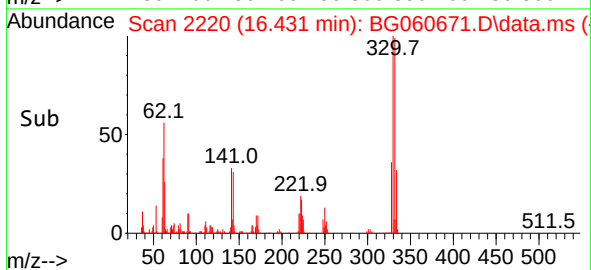
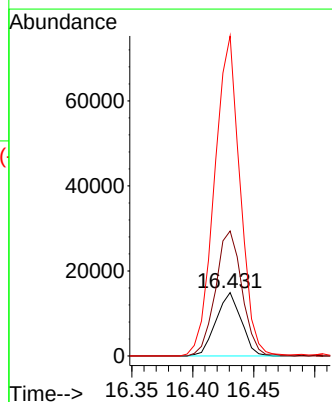
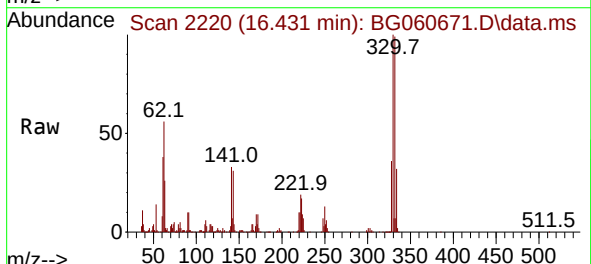
Instrument :
BNA_G
ClientSampleId :
COMP-2

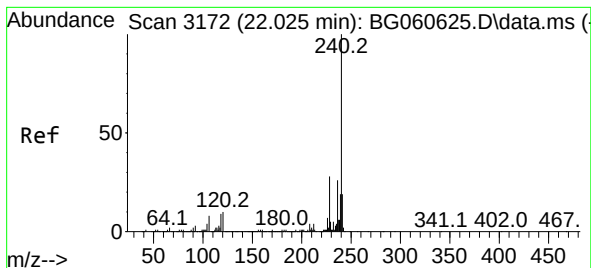
Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	36.9	76.9#
105	0.0	22.4	62.4#



#67
4-Bromophenyl-phenylether
Concen: 3.081 ng
RT: 16.431 min Scan# 2220
Delta R.T. -0.448 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.2	77.8	116.6#
141	505.1	55.1	82.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.012 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

Instrument :

BNA_G

ClientSampleId :

COMP-2

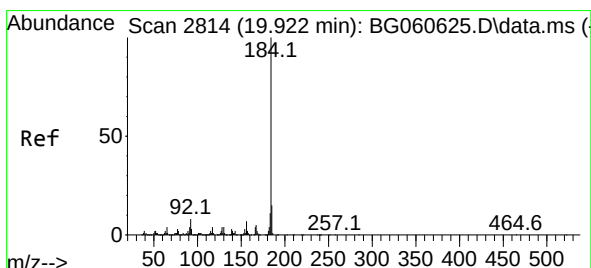
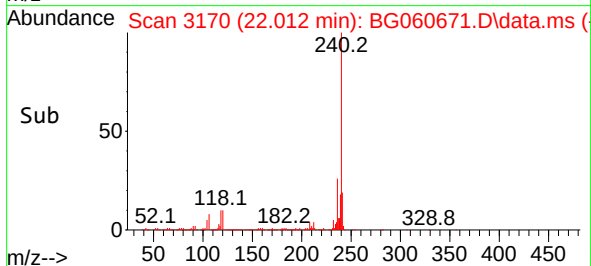
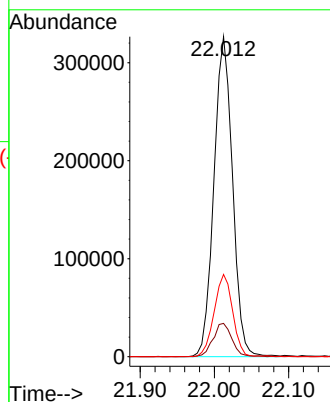
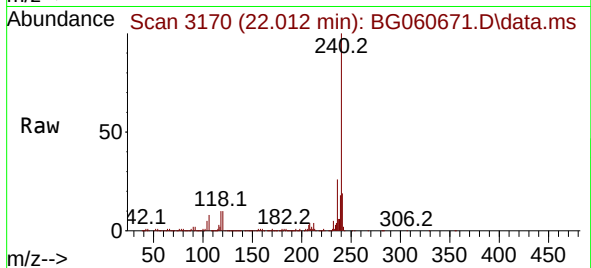
Tgt Ion:240 Resp: 569166

Ion Ratio Lower Upper

240 100

120 10.4 7.8 11.8

236 25.7 20.6 31.0



#77

Benzidine

Concen: 2.048 ng

RT: 20.273 min Scan# 2874

Delta R.T. 0.351 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

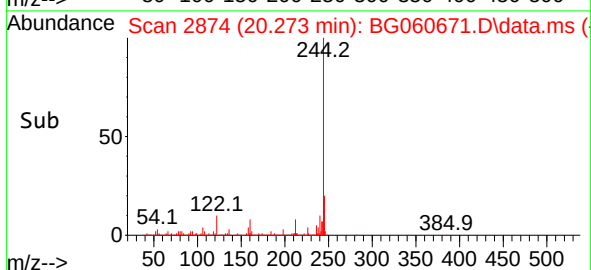
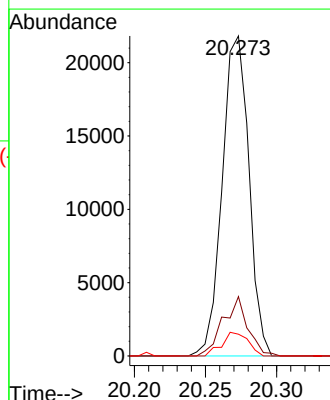
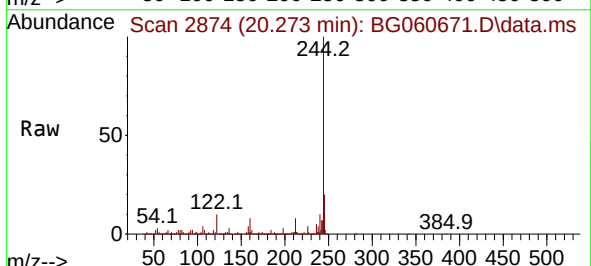
Tgt Ion:184 Resp: 28512

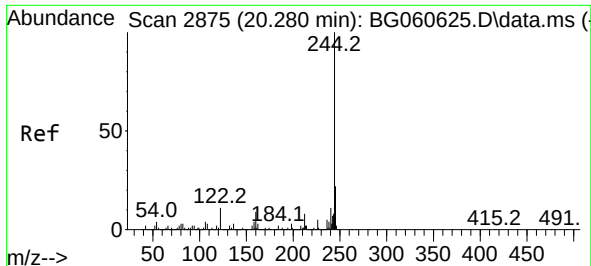
Ion Ratio Lower Upper

184 100

185 18.6 11.7 17.5#

183 6.8 9.2 13.8#

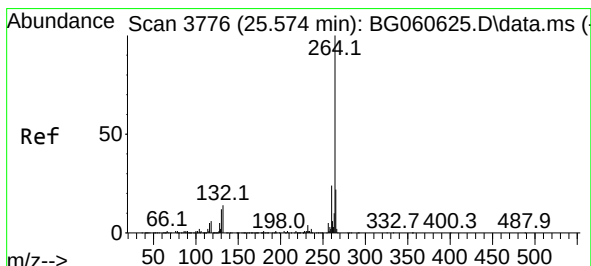
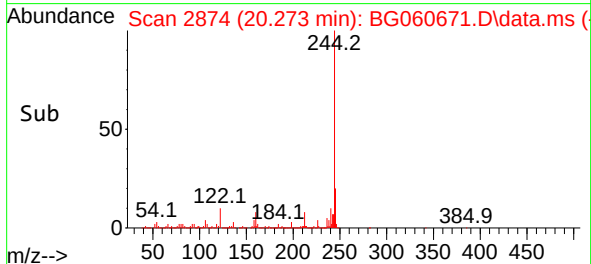
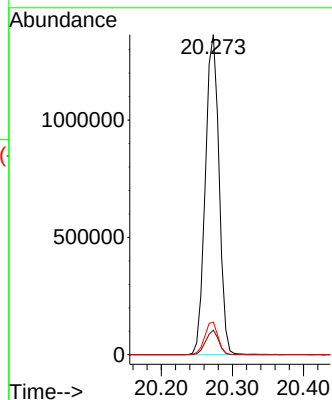
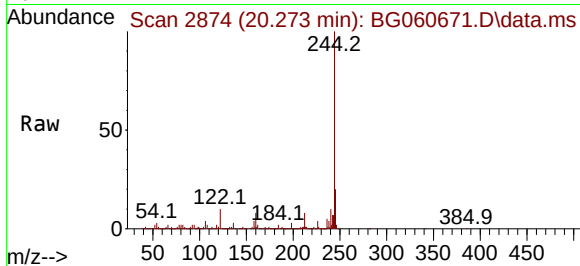




#79
 Terphenyl-d14
 Concen: 58.219 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060671.D
 Acq: 15 Mar 2024 20:12

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 1833211
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 10.2 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: BG060671.D
 Acq: 15 Mar 2024 20:12

Tgt Ion:264 Resp: 669999
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.3 18.1 27.1

