

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060695.D
 Acq On : 20 Mar 2024 17:18
 Operator : MA/JU
 Sample : P1804-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-03192024-B

Quant Time: Mar 20 18:09:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

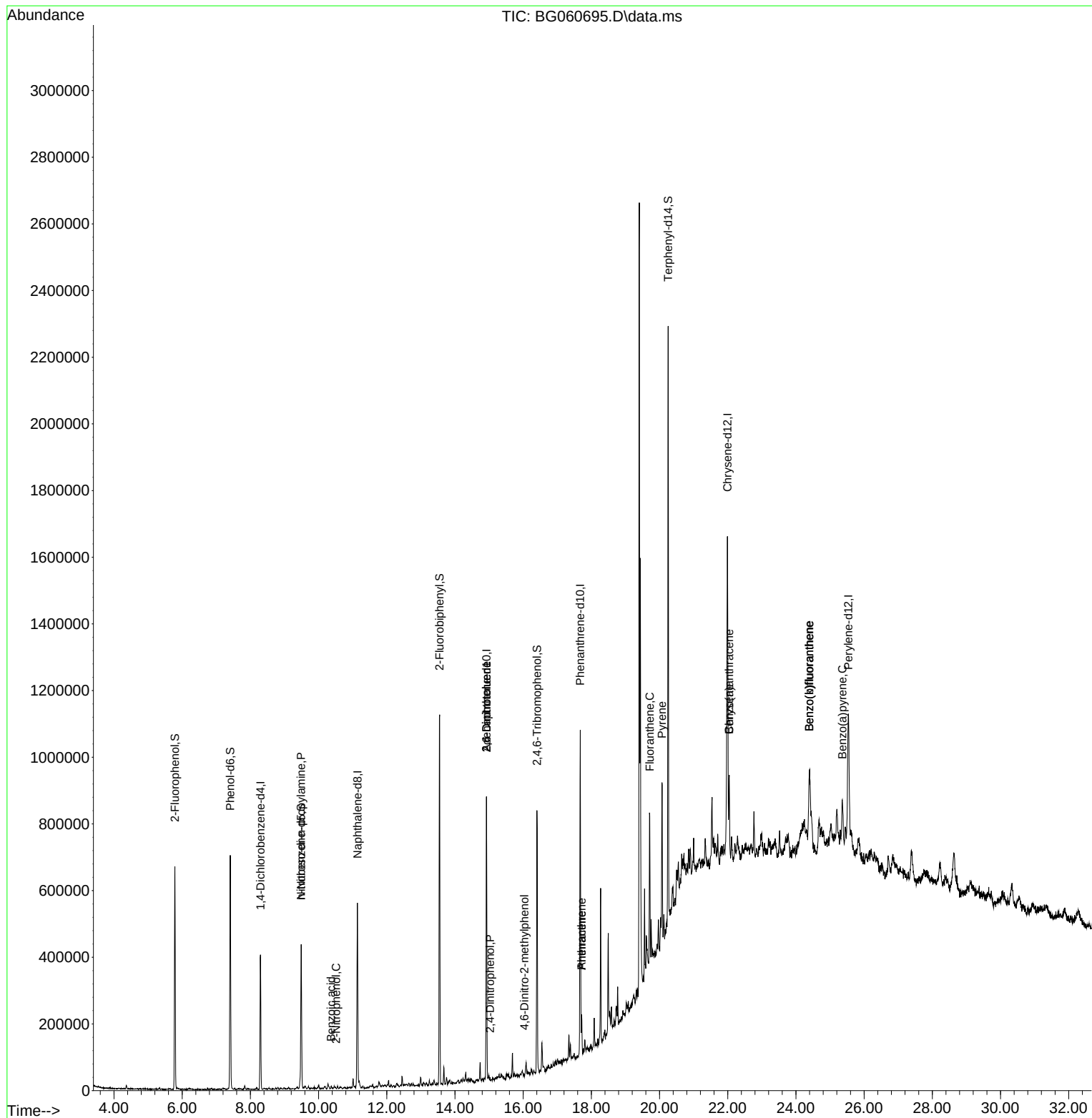
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	108941	20.000	ng	0.00
21) Naphthalene-d8	11.141	136	454058	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	288352	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	595530	20.000	ng	0.00
76) Chrysene-d12	21.993	240	571186	20.000	ng	0.00
86) Perylene-d12	25.535	264	664122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	291209	42.021	ng	0.00
7) Phenol-d6	7.410	99	403494	40.137	ng	0.00
23) Nitrobenzene-d5	9.490	82	250704	28.735	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	155798	46.627	ng	0.00
45) 2-Fluorobiphenyl	13.549	172	575882	27.002	ng	0.00
79) Terphenyl-d14	20.253	244	873251	27.634	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.490	70	32865	4.716	ng	# 79
26) 2-Nitrophenol	10.512	139	139	2.274	ng	# 17
32) Benzoic acid	10.365	122	64	6.032	ng	# 1
51) 2,6-Dinitrotoluene	14.924	165	39287	9.859	ng	# 18
54) 2,4-Dinitrophenol	15.030	184	59	6.870	ng	# 38
57) 2,4-Dinitrotoluene	14.924	165	39287	7.837	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.035	198	59	4.834	ng	# 1
71) Phenanthrene	17.715	178	72487	2.260	ng	95
72) Anthracene	17.715	178	72487	2.235	ng	94
75) Fluoranthene	19.713	202	294634	8.303	ng	96
78) Pyrene	20.071	202	309777	7.771	ng	98
81) Benzo(a)anthracene	22.040	228	188496	4.793	ng	93
83) Chrysene	22.040	228	188496	4.936	ng	97
88) Benzo(b)fluoranthene	24.390	252	240744	6.589	ng	# 88
89) Benzo(k)fluoranthene	24.390	252	240744	6.272	ng	# 87
90) Benzo(a)pyrene	25.365	252	169251	4.725	ng	# 91

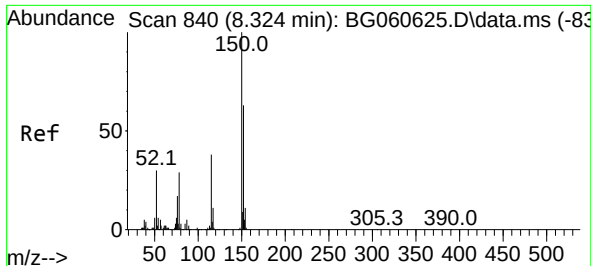
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060695.D
Acq On : 20 Mar 2024 17:18
Operator : MA/JU
Sample : P1804-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

Quant Time: Mar 20 18:09:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

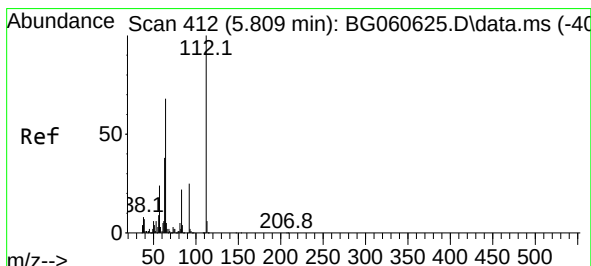
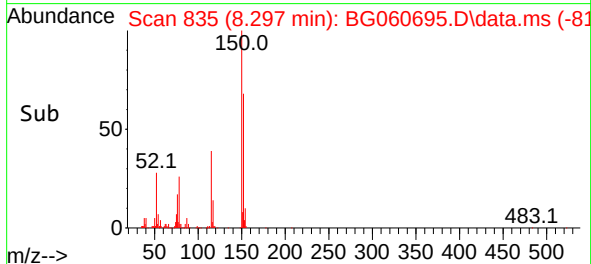
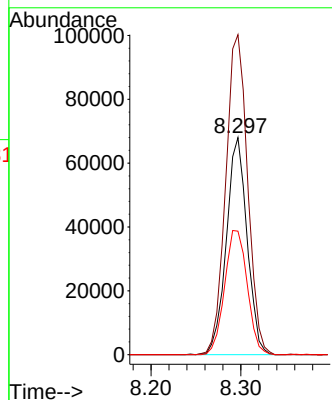
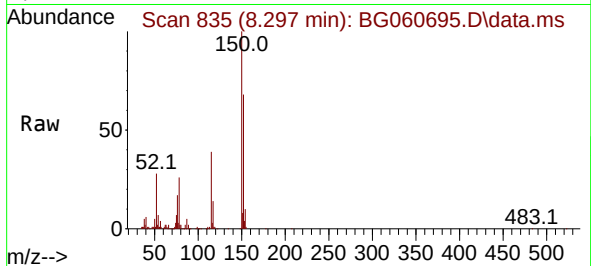




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.297 min Scan# 81
 Delta R.T. 0.009 min
 Lab File: BG060695.D
 Acq: 20 Mar 2024 17:18

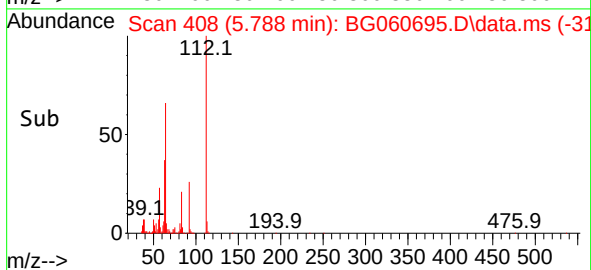
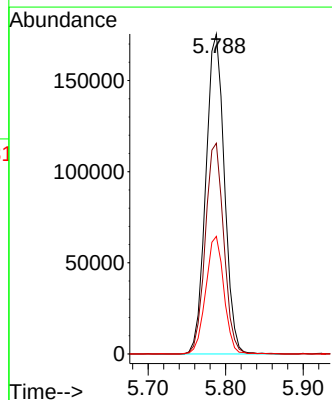
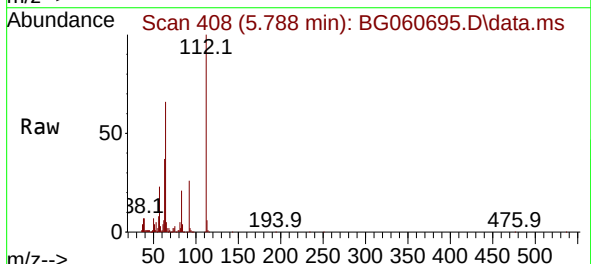
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-03192024-B

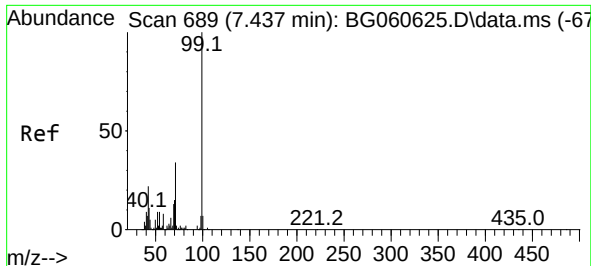
Tgt Ion:152 Resp: 108941
 Ion Ratio Lower Upper
 152 100
 150 147.4 126.6 190.0
 115 56.9 47.8 71.8



#5
 2-Fluorophenol
 Concen: 42.021 ng
 RT: 5.788 min Scan# 408
 Delta R.T. 0.009 min
 Lab File: BG060695.D
 Acq: 20 Mar 2024 17:18

Tgt Ion:112 Resp: 291209
 Ion Ratio Lower Upper
 112 100
 64 65.9 54.1 81.1
 63 36.7 30.3 45.5

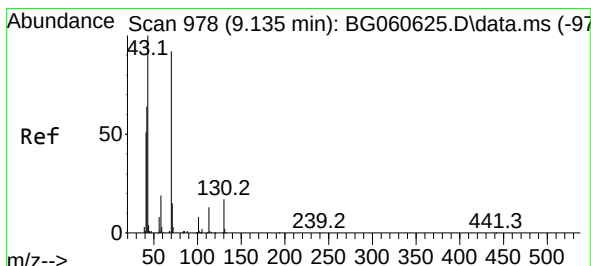
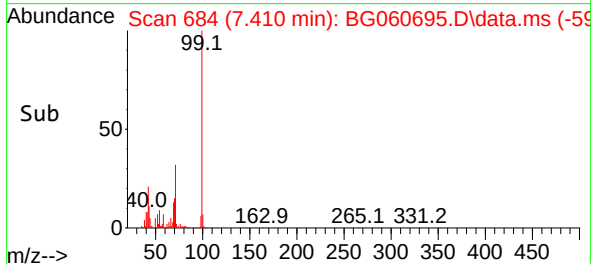
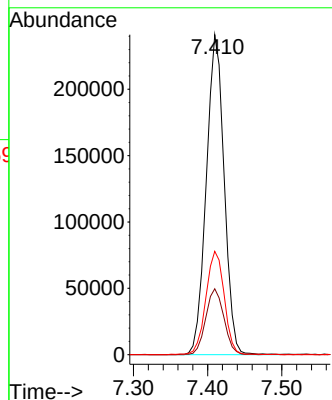
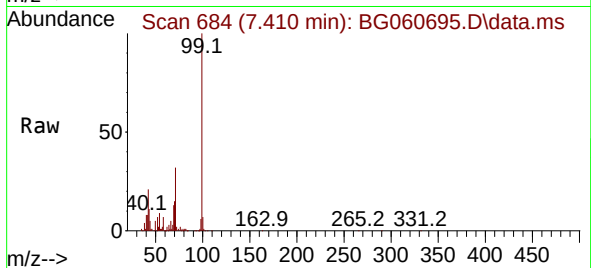




#7
Phenol-d6
Concen: 40.137 ng
RT: 7.410 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

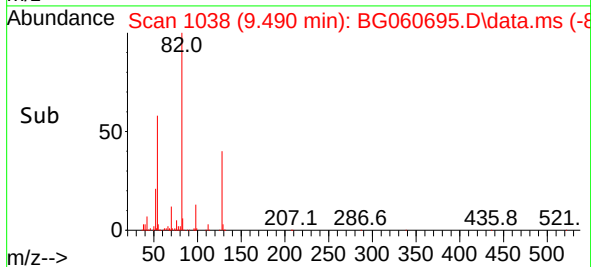
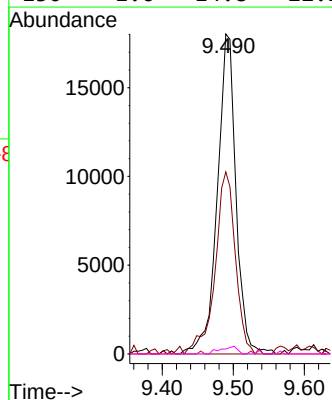
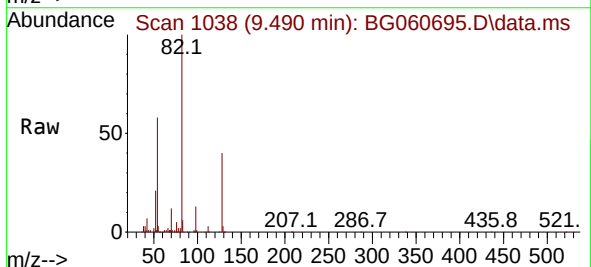
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

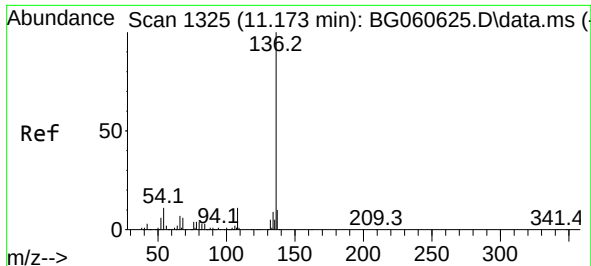
Tgt Ion: 99 Resp: 403494
Ion Ratio Lower Upper
99 100
42 20.6 17.5 26.3
71 32.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.716 ng
RT: 9.490 min Scan# 1038
Delta R.T. 0.391 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion: 70 Resp: 32865
Ion Ratio Lower Upper
70 100
42 56.9 56.2 84.2
101 0.0 7.4 11.0#
130 1.6 14.8 22.2#

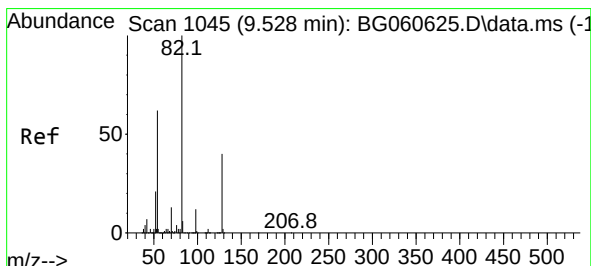
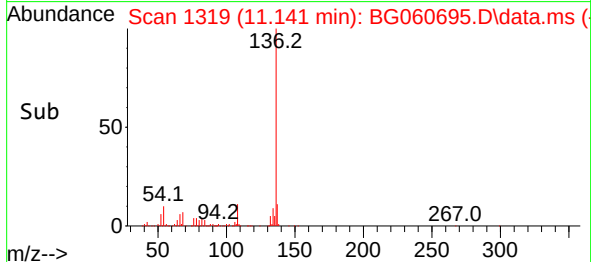
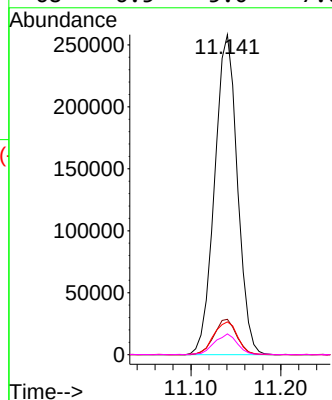
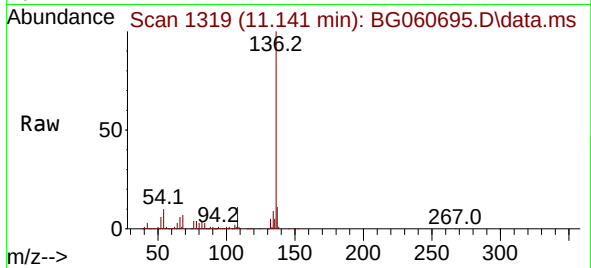




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.141 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

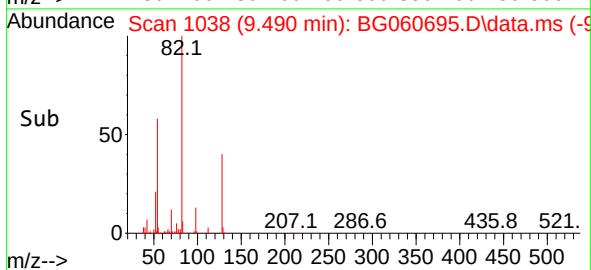
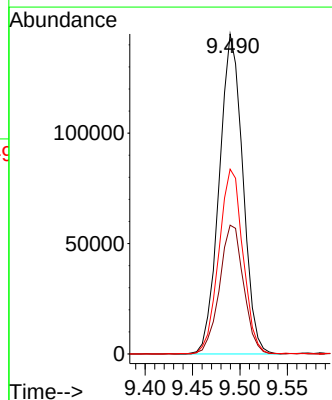
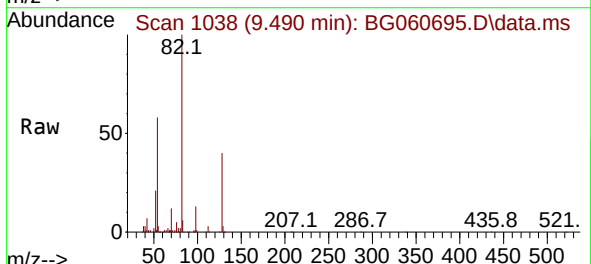
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

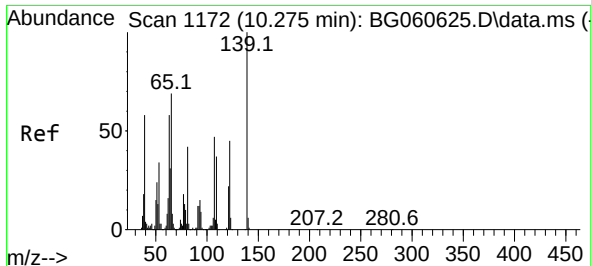
Tgt Ion:	136	Resp:	454058
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.2	8.5	12.7
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 28.735 ng
RT: 9.490 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:	82	Resp:	250704
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.6	47.4
54	57.7	49.3	73.9

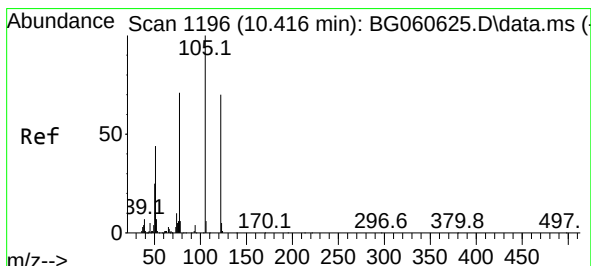
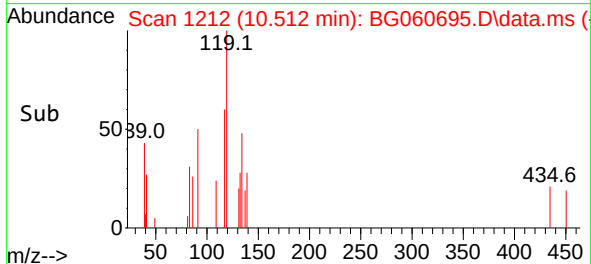
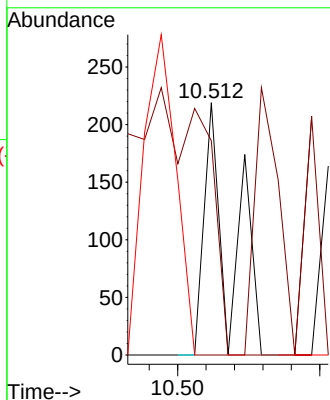
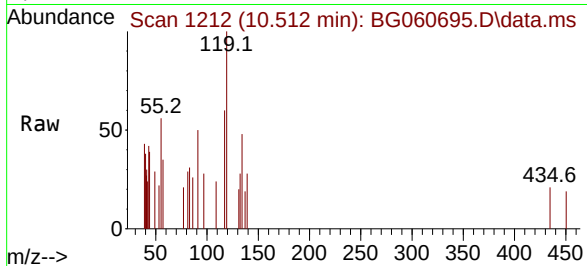




#26
2-Nitrophenol
Concen: 2.274 ng
RT: 10.512 min Scan# 1172
Delta R.T. 0.273 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

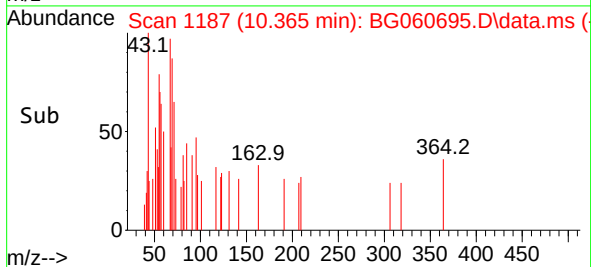
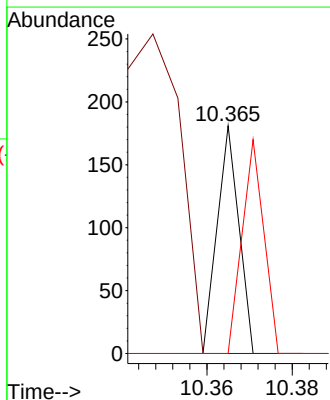
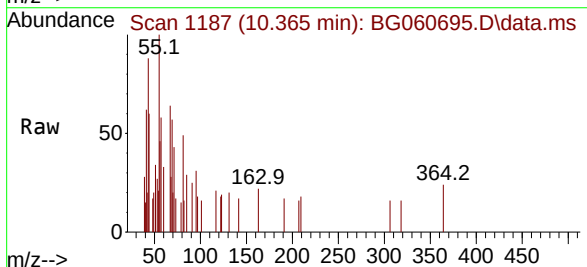
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

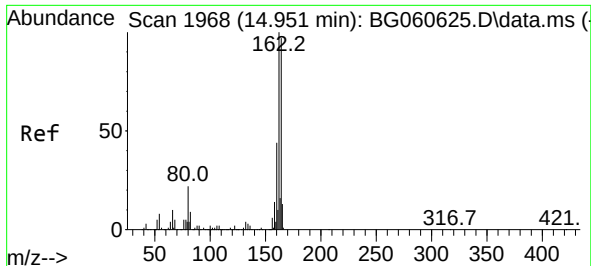
Tgt Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 84.9 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.032 ng
RT: 10.365 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

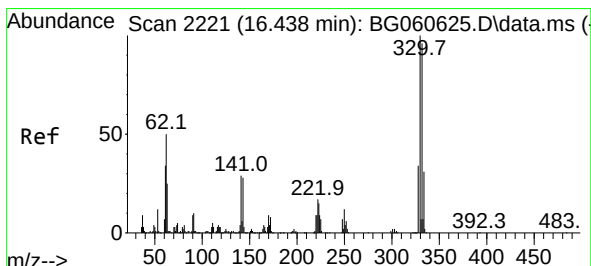
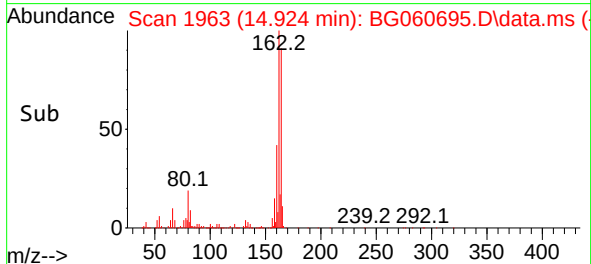
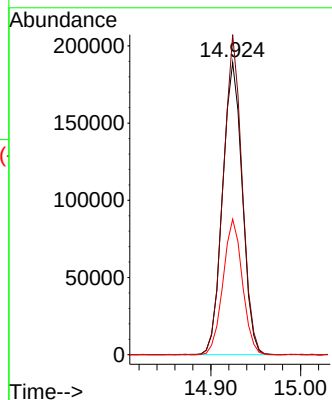
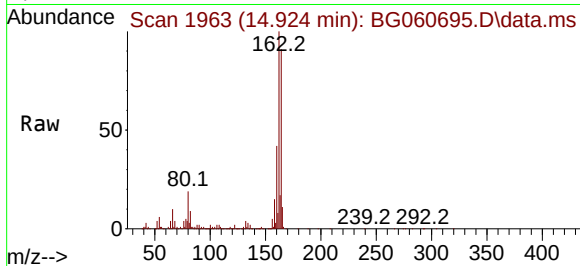




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1963
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

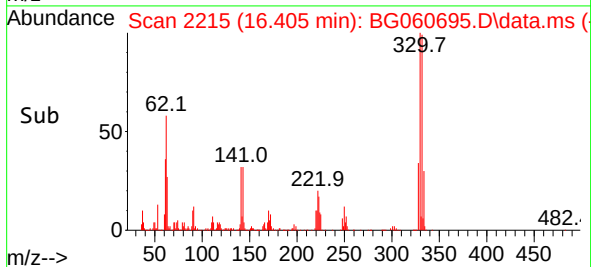
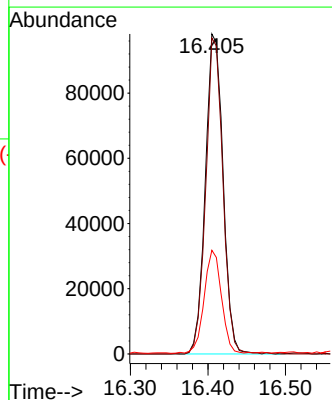
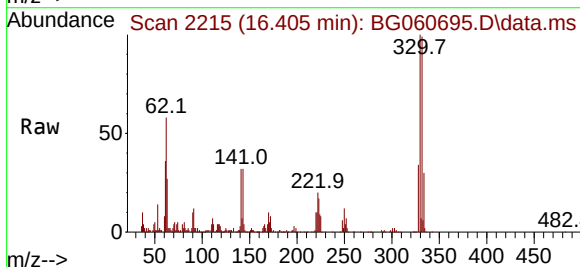
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

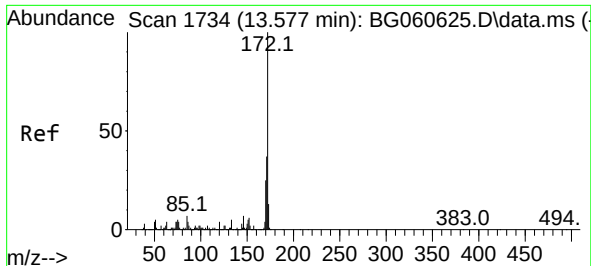
Tgt Ion:164 Resp: 288352
Ion Ratio Lower Upper
164 100
162 109.5 82.5 123.7
160 46.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 46.627 ng
RT: 16.405 min Scan# 2215
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:330 Resp: 155798
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 31.5 25.4 38.2

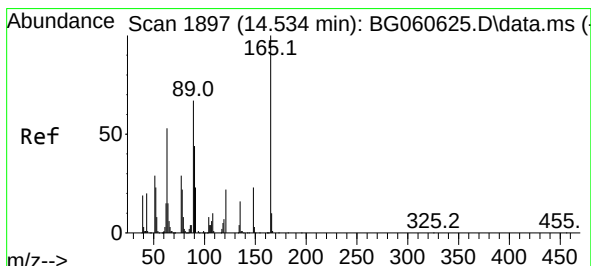
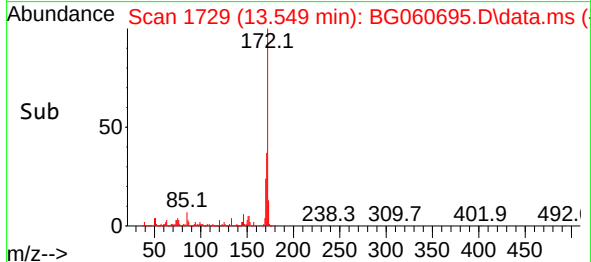
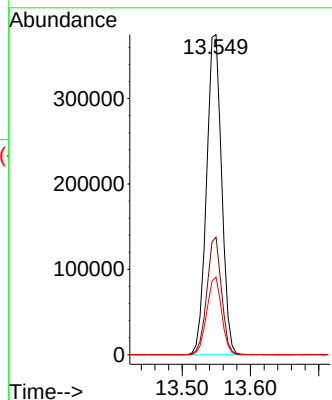
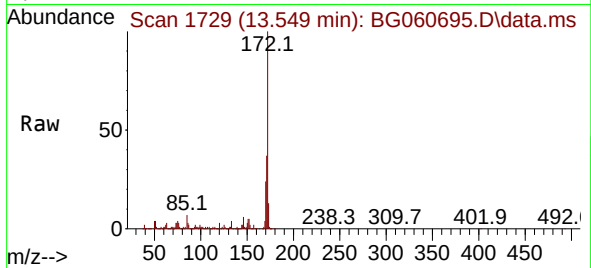




#45
2-Fluorobiphenyl
Concen: 27.002 ng
RT: 13.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

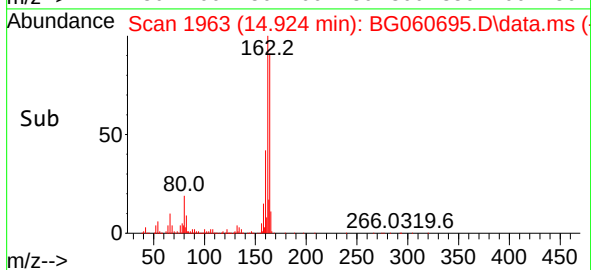
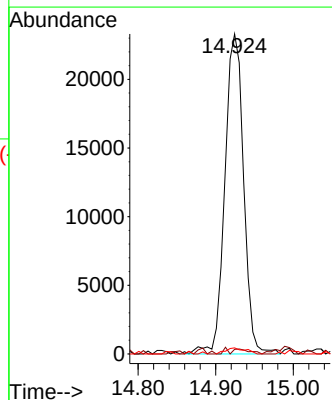
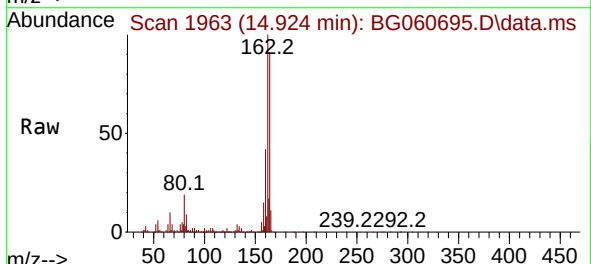
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

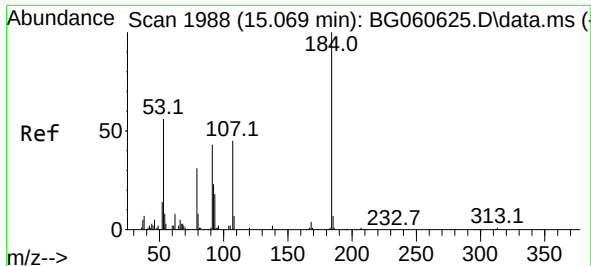
Tgt Ion:172 Resp: 575882
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.859 ng
RT: 14.924 min Scan# 1963
Delta R.T. 0.414 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:165 Resp: 39287
Ion Ratio Lower Upper
165 100
63 1.4 55.8 83.6#
89 1.9 54.1 81.1#

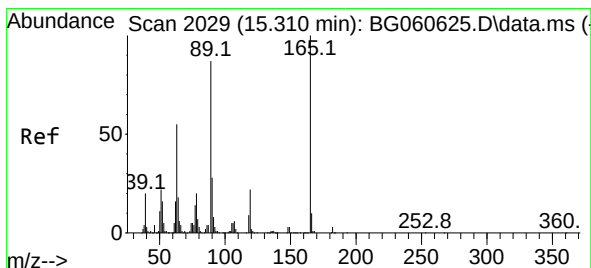
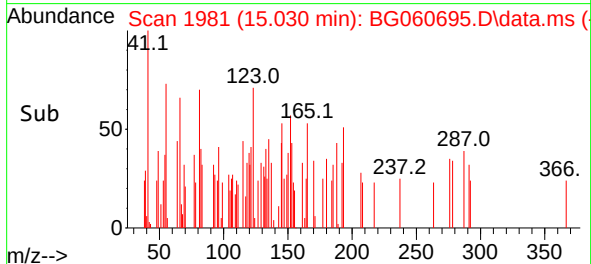
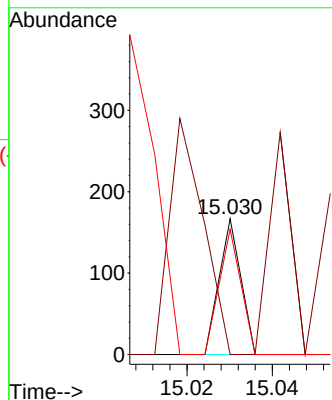
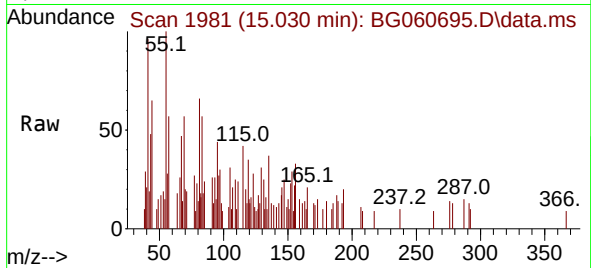




#54
2,4-Dinitrophenol
Concen: 6.870 ng
RT: 15.030 min Scan# 1988
Delta R.T. -0.015 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

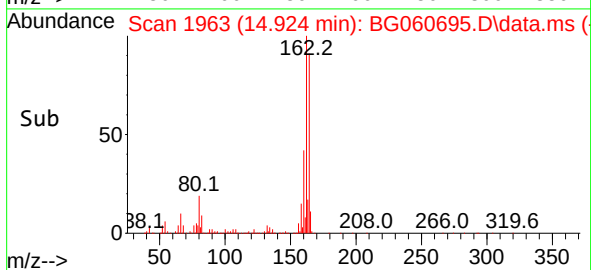
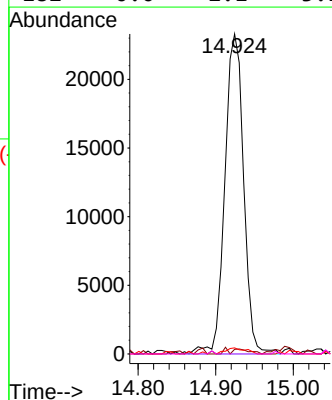
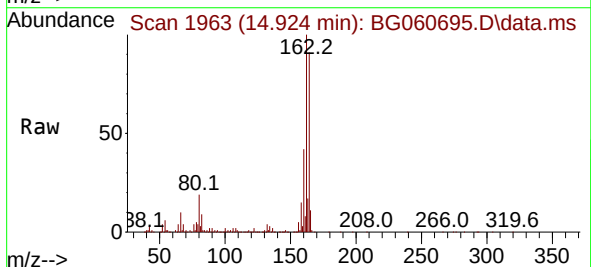
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

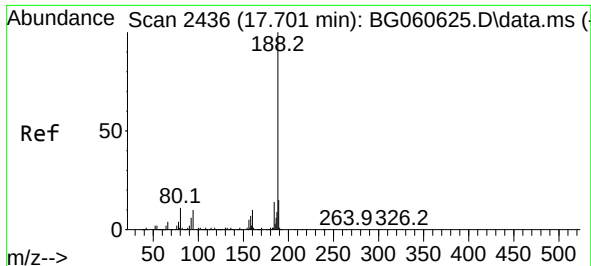
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 92.2 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.837 ng
RT: 14.924 min Scan# 1963
Delta R.T. -0.362 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:165 Resp: 39287
Ion Ratio Lower Upper
165 100
63 1.4 44.1 66.1#
89 1.9 69.7 104.5#
182 0.0 2.1 3.1#

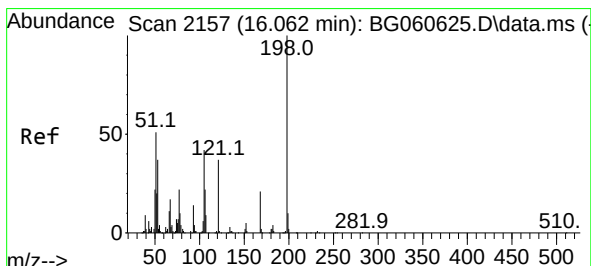
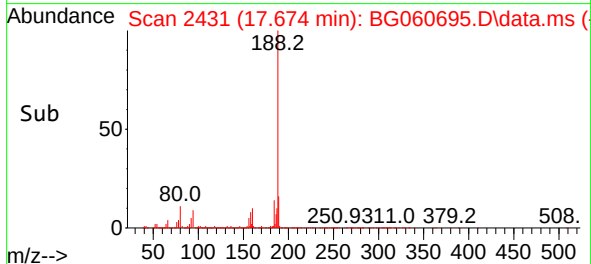
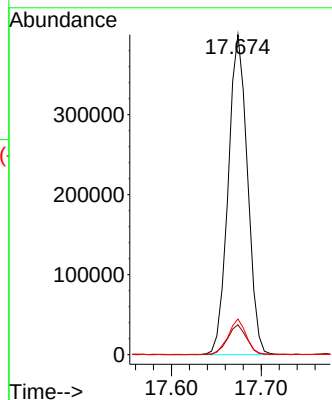
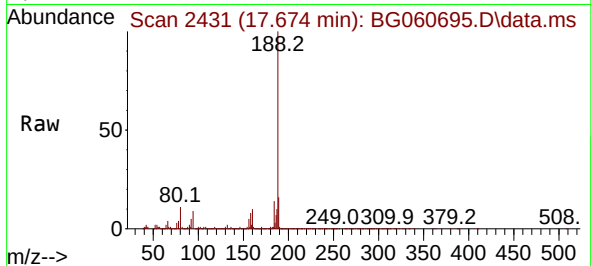




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.674 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

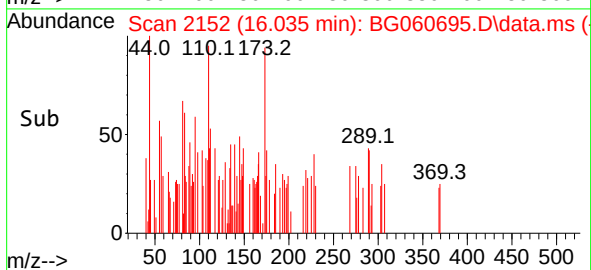
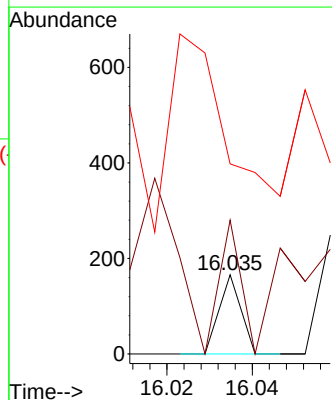
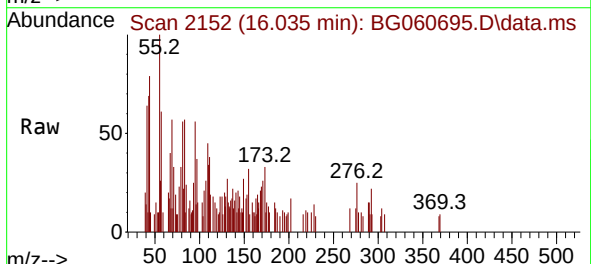
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

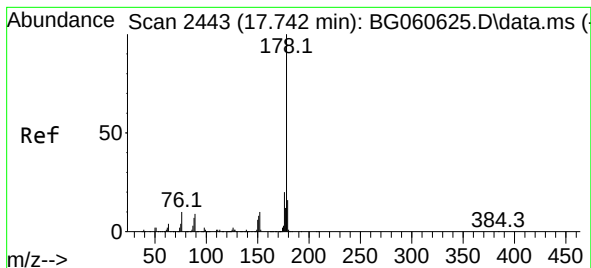
Tgt Ion:188 Resp: 595530
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 11.2 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.834 ng
RT: 16.035 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 168.7 36.9 76.9#
105 239.8 22.4 62.4#





#71

Phenanthrene

Concen: 2.260 ng

RT: 17.715 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

Instrument :

BNA_G

ClientSampleId :

JC-03-03192024-B

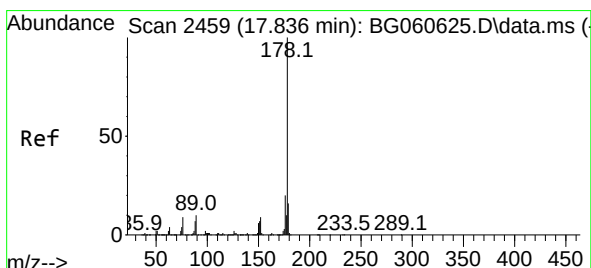
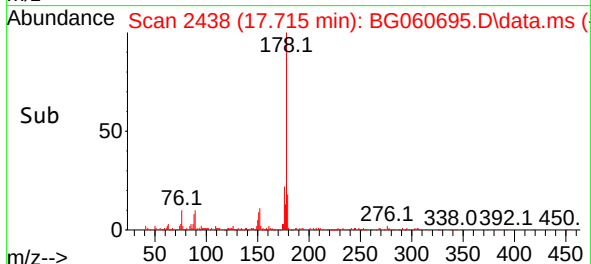
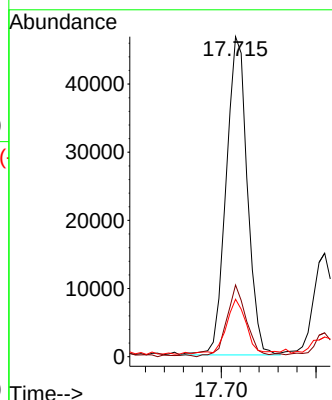
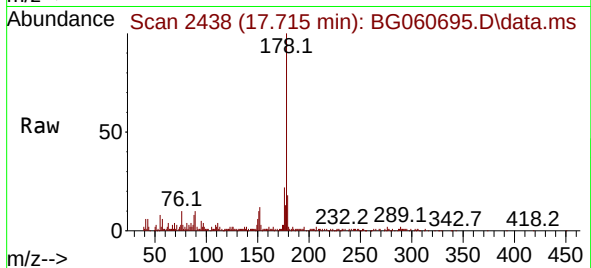
Tgt Ion:178 Resp: 72487

Ion Ratio Lower Upper

178 100

176 22.4 16.1 24.1

179 18.0 12.9 19.3



#72

Anthracene

Concen: 2.235 ng

RT: 17.715 min Scan# 2438

Delta R.T. -0.097 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

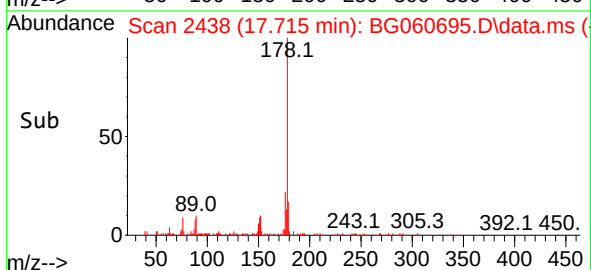
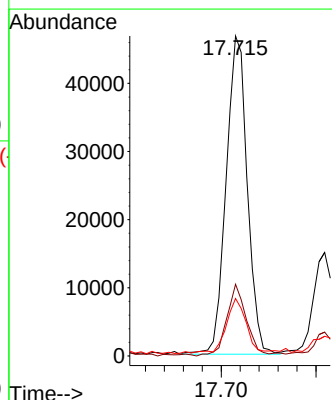
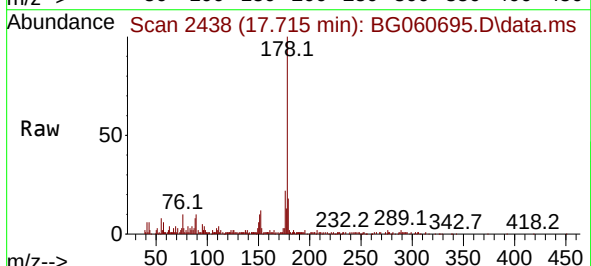
Tgt Ion:178 Resp: 72487

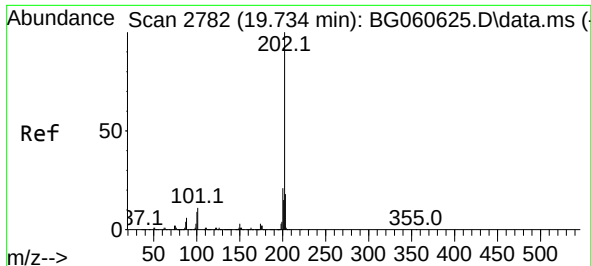
Ion Ratio Lower Upper

178 100

176 22.4 15.8 23.6

179 18.0 12.6 19.0

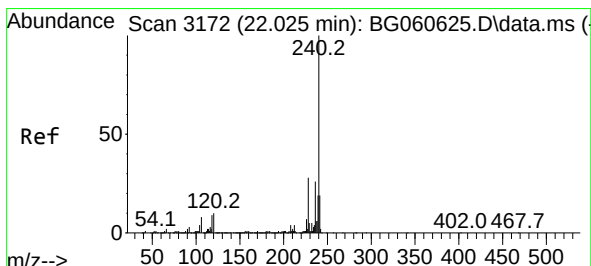
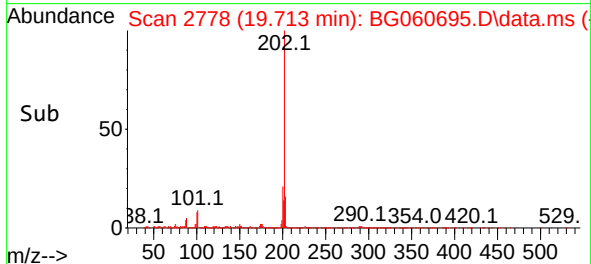
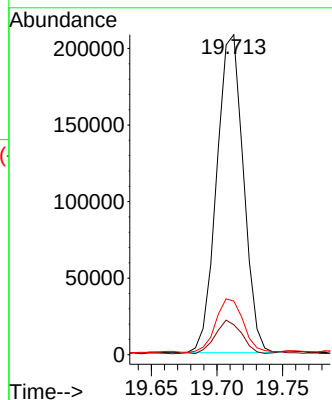
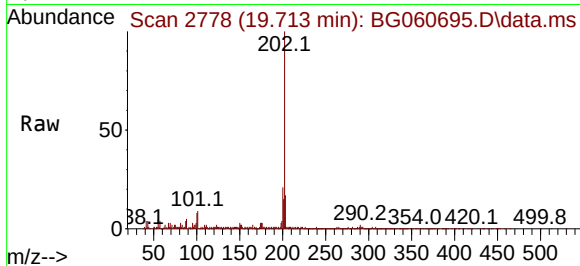




#75
Fluoranthene
Concen: 8.303 ng
RT: 19.713 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

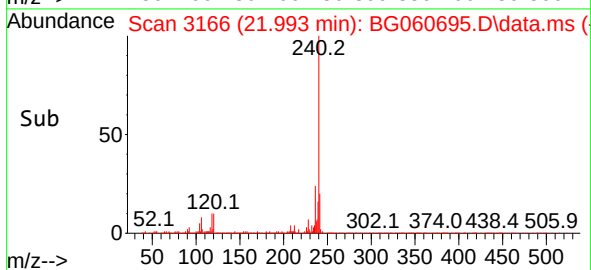
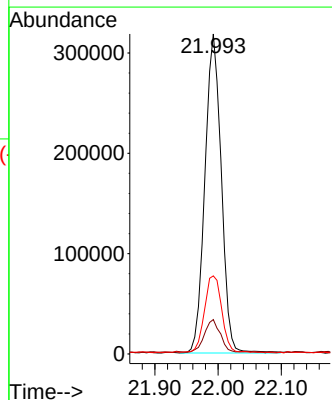
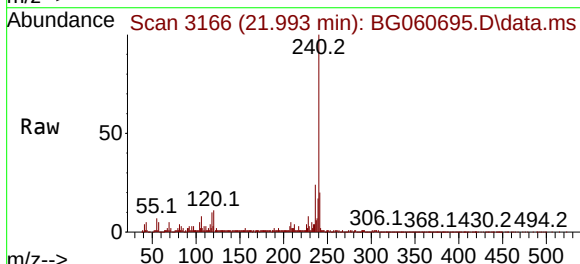
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

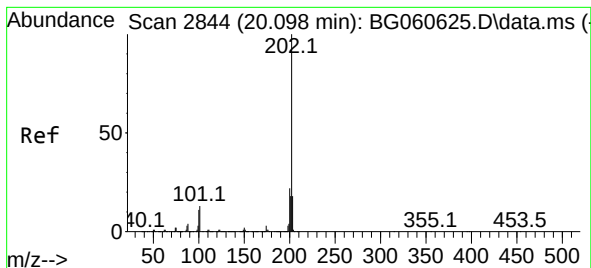
Tgt Ion:202 Resp: 294634
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.2
203 16.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.993 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:240 Resp: 571186
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.8
236 24.4 20.6 31.0





#78

Pyrene

Concen: 7.771 ng

RT: 20.071 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

Instrument :

BNA_G

ClientSampleId :

JC-03-03192024-B

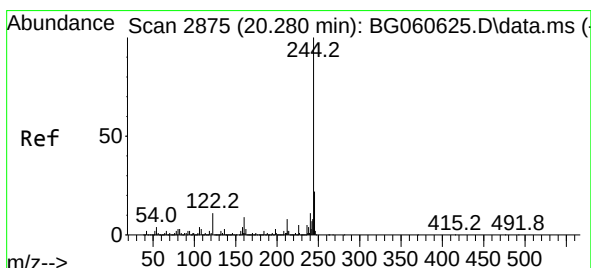
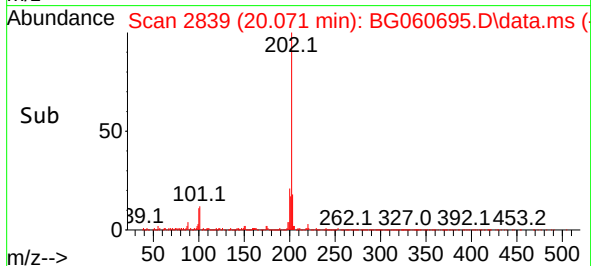
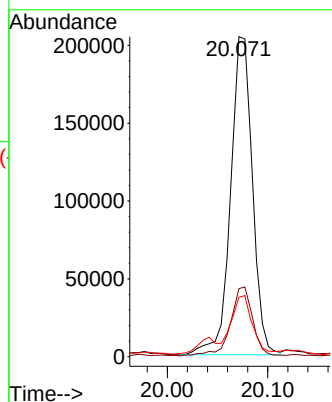
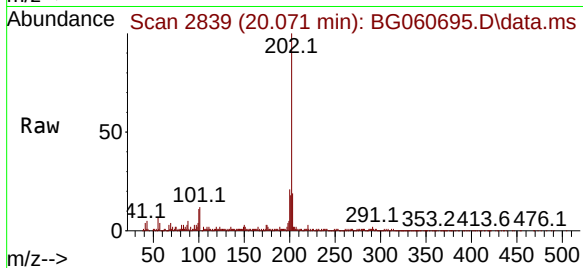
Tgt Ion:202 Resp: 309777

Ion Ratio Lower Upper

202 100

200 21.2 17.9 26.9

203 18.6 14.3 21.5



#79

Terphenyl-d14

Concen: 27.634 ng

RT: 20.253 min Scan# 2870

Delta R.T. -0.003 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

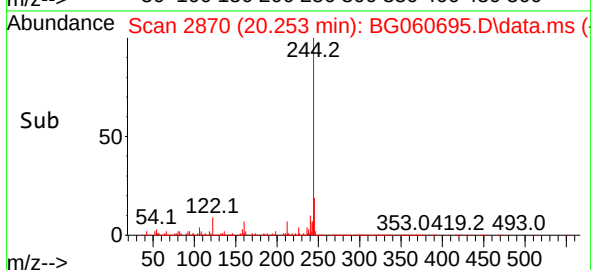
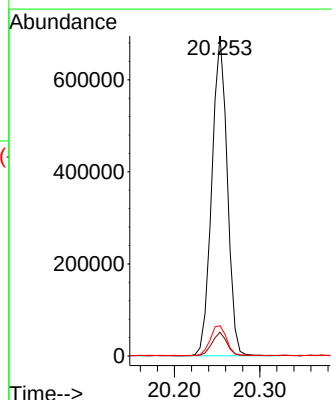
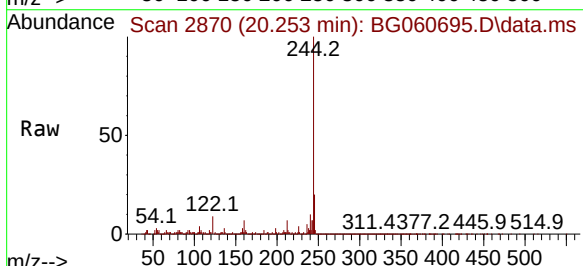
Tgt Ion:244 Resp: 873251

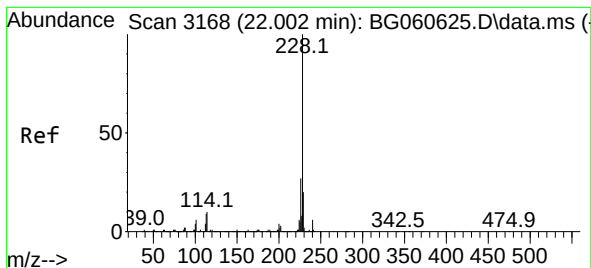
Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

122 9.4 8.5 12.7





#81

Benzo(a)anthracene

Concen: 4.793 ng

RT: 22.040 min Scan# 31

Delta R.T. 0.067 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

Instrument :

BNA_G

ClientSampleId :

JC-03-03192024-B

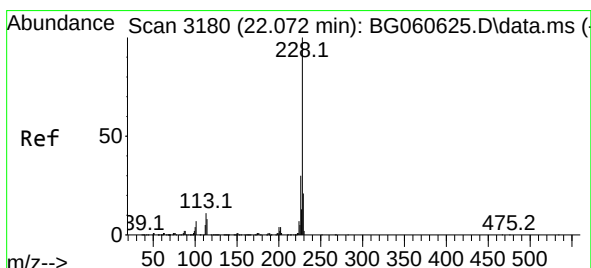
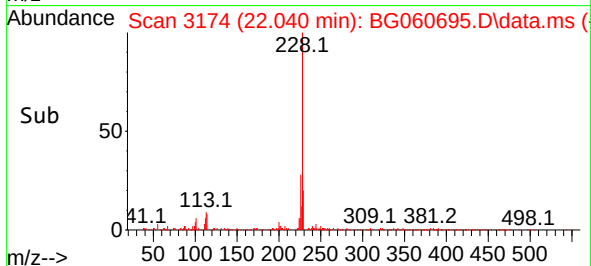
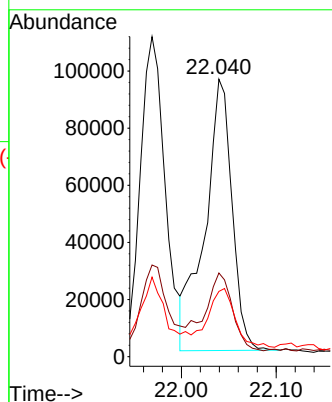
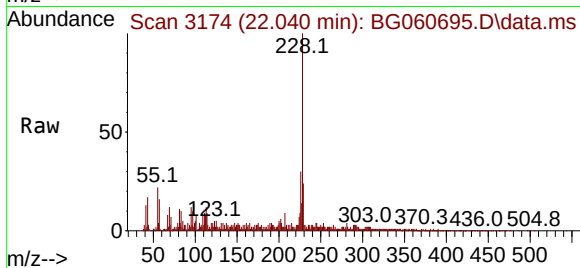
Tgt Ion:228 Resp: 188496

Ion Ratio Lower Upper

228 100

226 30.2 21.8 32.8

229 23.5 15.8 23.6



#83

Chrysene

Concen: 4.936 ng

RT: 22.040 min Scan# 3174

Delta R.T. -0.003 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

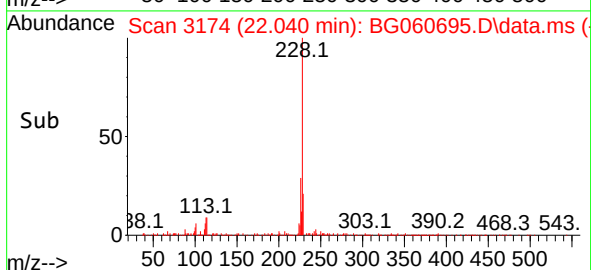
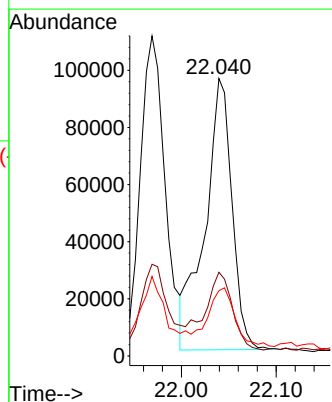
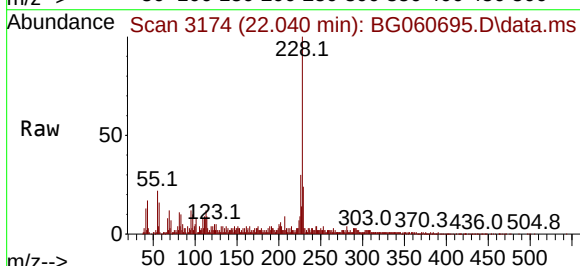
Tgt Ion:228 Resp: 188496

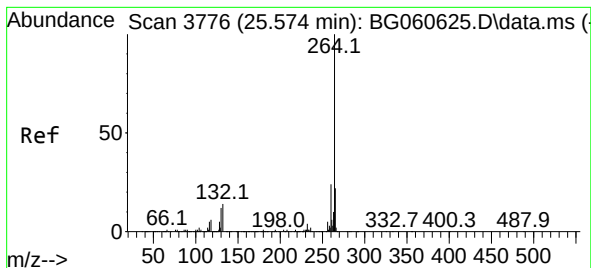
Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 23.5 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.535 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

Instrument :

BNA_G

ClientSampleId :

JC-03-03192024-B

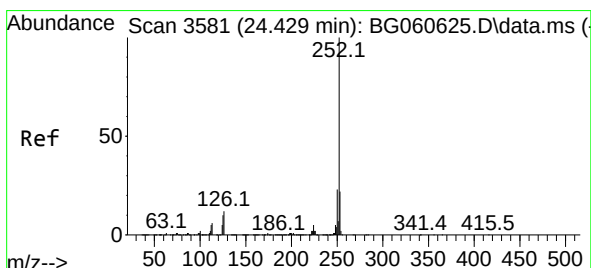
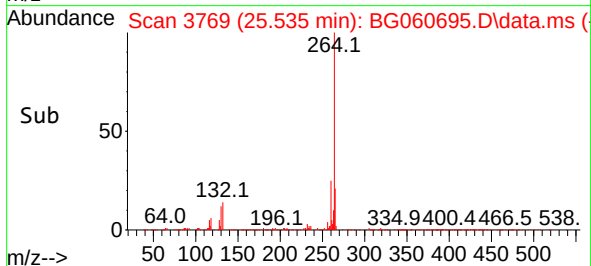
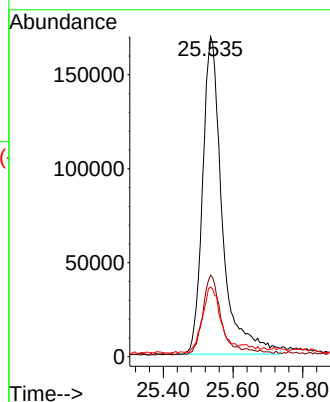
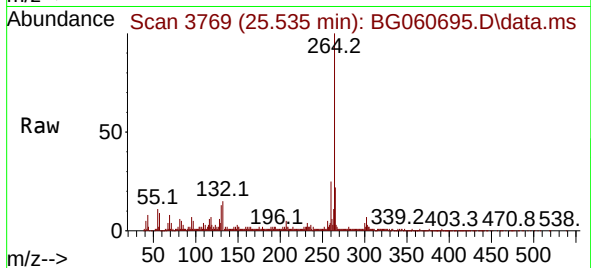
Tgt Ion:264 Resp: 664122

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

265 21.7 18.1 27.1



#88

Benzo(b)fluoranthene

Concen: 6.589 ng

RT: 24.390 min Scan# 3574

Delta R.T. 0.003 min

Lab File: BG060695.D

Acq: 20 Mar 2024 17:18

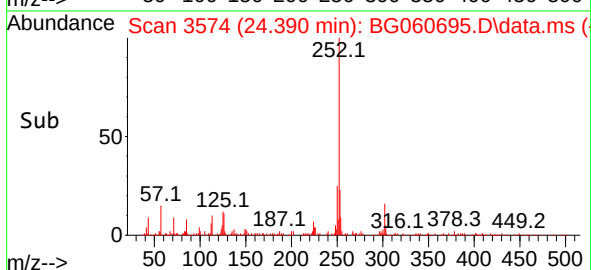
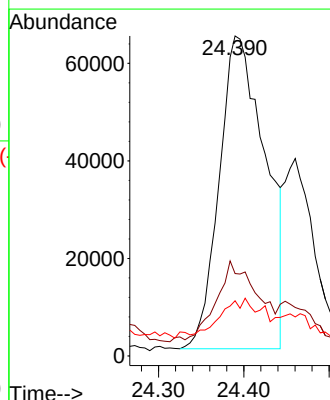
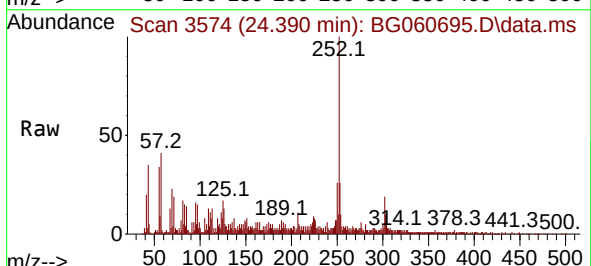
Tgt Ion:252 Resp: 240744

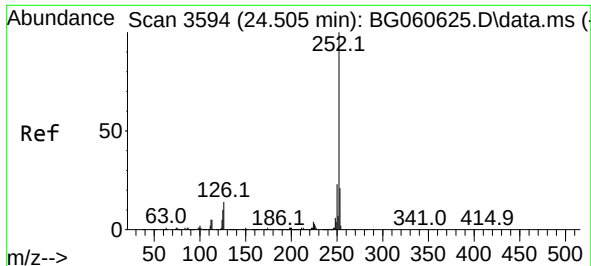
Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 17.3 7.8 11.6#

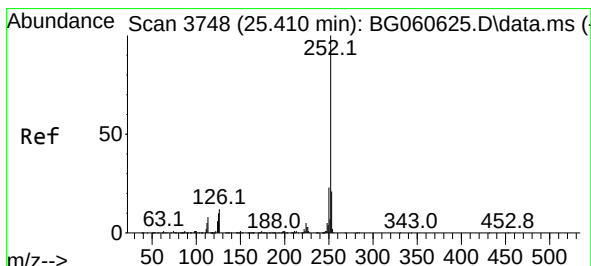
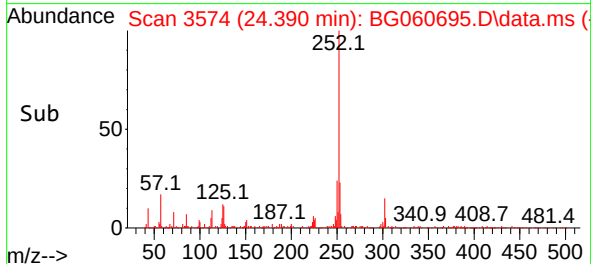
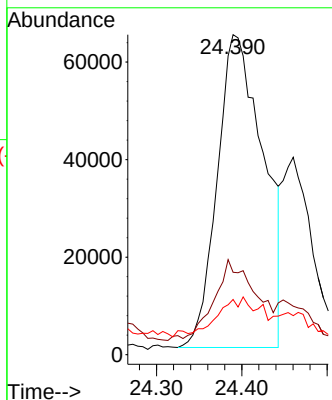
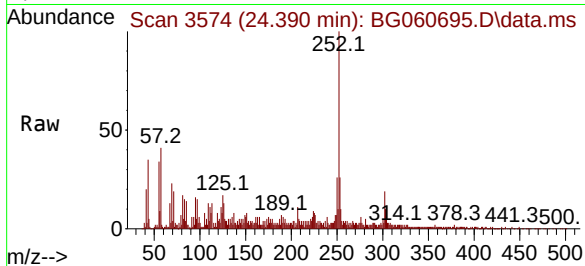




#89
Benzo(k)fluoranthene
Concen: 6.272 ng
RT: 24.390 min Scan# 31
Delta R.T. -0.068 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

Tgt Ion:252 Resp: 240744
Ion Ratio Lower Upper
252 100
253 25.8 17.1 25.7#
125 17.3 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 4.725 ng
RT: 25.365 min Scan# 3740
Delta R.T. 0.009 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:252 Resp: 169251
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 17.4 8.2 12.2#

