

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060803.D
 Acq On : 5 Apr 2024 19:47
 Operator : MA/JU
 Sample : P1995-05 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00113

Quant Time: Apr 05 23:10:47 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)

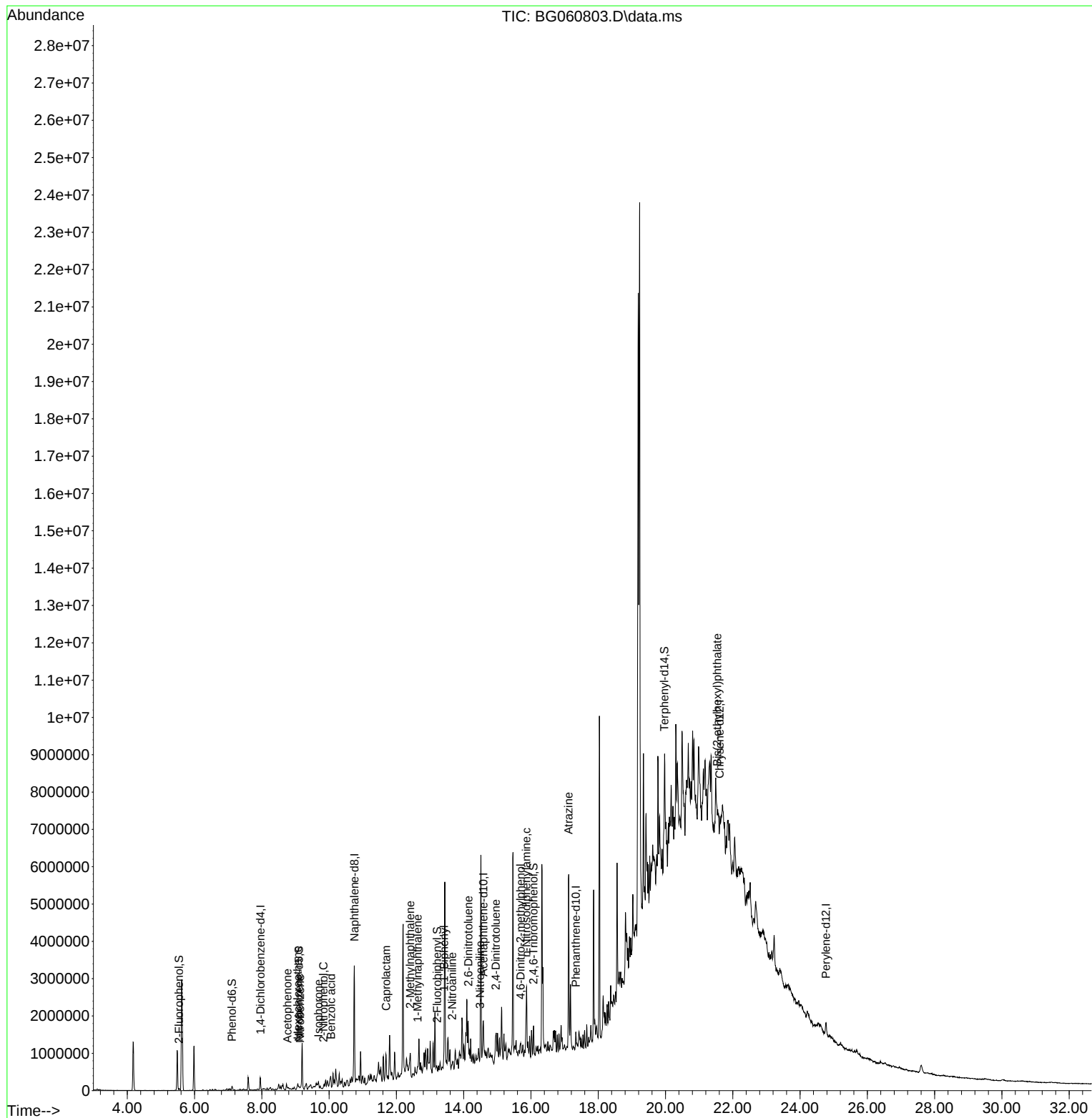
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	61083	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	227044	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	165371	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	351331	20.000	ng	0.00
76) Chrysene-d12	21.613	240	274965	20.000	ng	0.00
86) Perylene-d12	24.768	264	368179	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	22796	6.217	ng	0.00
7) Phenol-d6	7.112	99	32427	5.958	ng	0.00
23) Nitrobenzene-d5	9.104	82	26225	6.591	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	15604	8.312	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	57061	5.064	ng	0.00
79) Terphenyl-d14	19.968	244	82459	5.281	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.069	117	10681	6.819	ng	# 1
22) Acetophenone	8.763	105	27099	4.329	ng	# 55
24) Nitrobenzene	9.139	77	1776	3.151	ng	# 24
25) Isophorone	9.686	82	18694	2.040	ng	# 1
26) 2-Nitrophenol	9.833	139	144	3.062	ng	# 1
32) Benzoic acid	10.062	122	60	6.857	ng	# 1
35) Caprolactam	11.695	113	8562	6.395	ng	# 1
37) 2-Methylnaphthalene	12.412	142	74622	8.264	ng	# 95
38) 1-Methylnaphthalene	12.629	142	43416	5.090	ng	# 95
46) 1,1'-Biphenyl	13.417	154	41566	3.559	ng	# 95
48) 2-Nitroaniline	13.658	65	783	3.078	ng	# 60
51) 2,6-Dinitrotoluene	14.139	165	2159	4.349	ng	# 91
53) 3-Nitroaniline	14.486	138	252	2.943	ng	# 41
57) 2,4-Dinitrotoluene	14.956	165	2389	4.010	ng	# 69
65) 4,6-Dinitro-2-methylph...	15.691	198	672	7.429	ng	# 1
66) n-Nitrosodiphenylamine	15.861	169	35769	3.563	ng	# 56
69) Atrazine	17.118	200	11994	3.416	ng	# 72
84) Bis(2-ethylhexyl)phtha...	21.537	149	35546	3.179	ng	# 64

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

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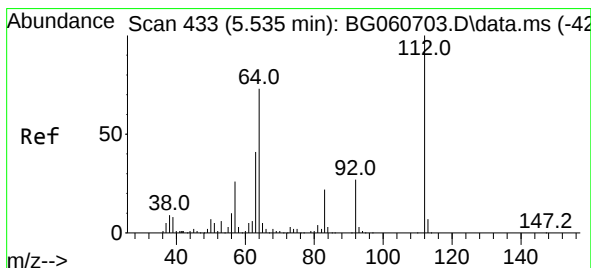
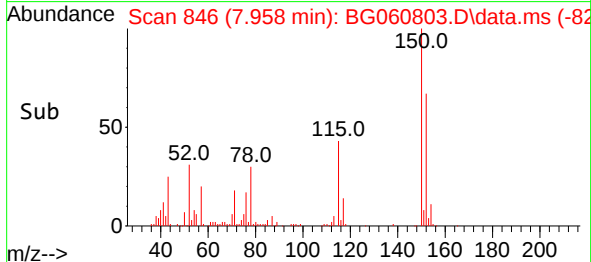
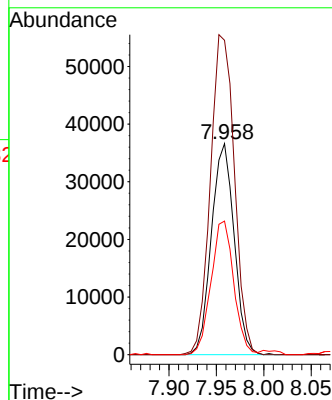
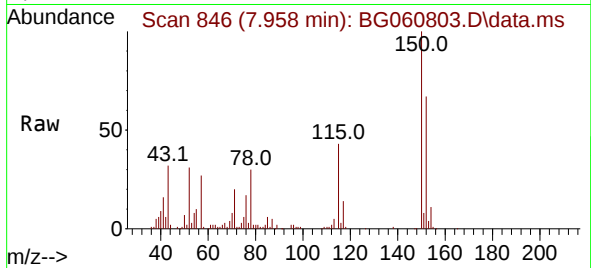




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

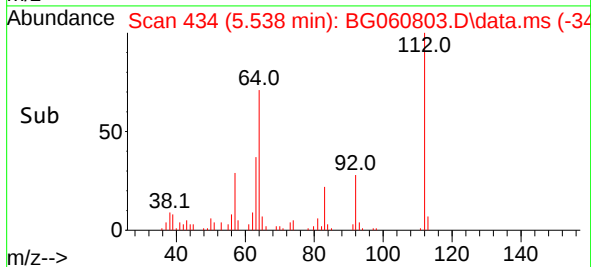
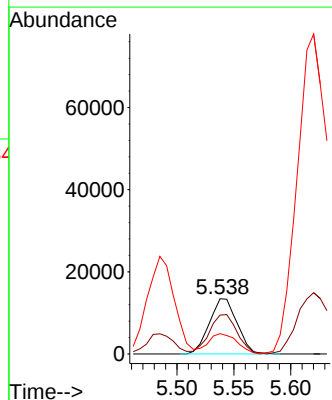
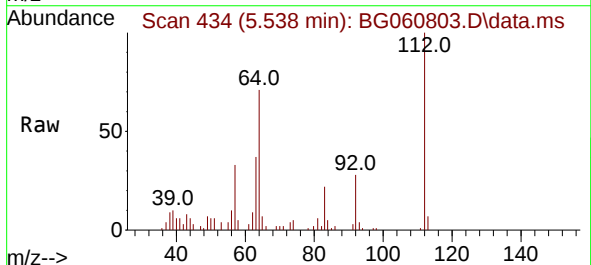
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

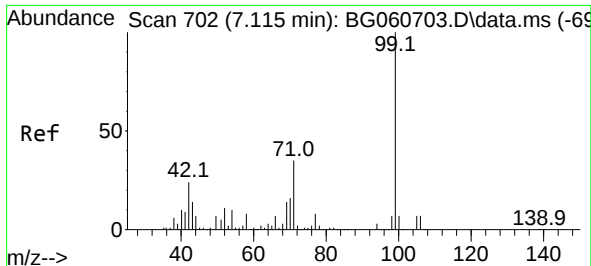
Tgt Ion:152 Resp: 61083
Ion Ratio Lower Upper
152 100
150 149.0 130.2 195.4
115 63.3 51.6 77.4



#5
2-Fluorophenol
Concen: 6.217 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:112 Resp: 22796
Ion Ratio Lower Upper
112 100
64 70.6 58.4 87.6
63 36.8 32.7 49.1

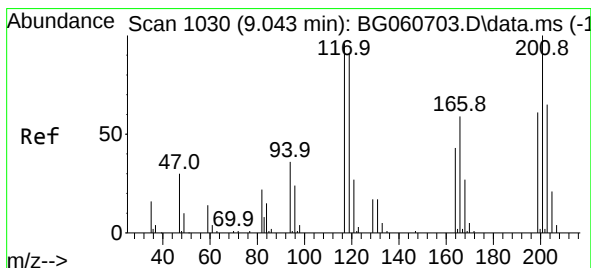
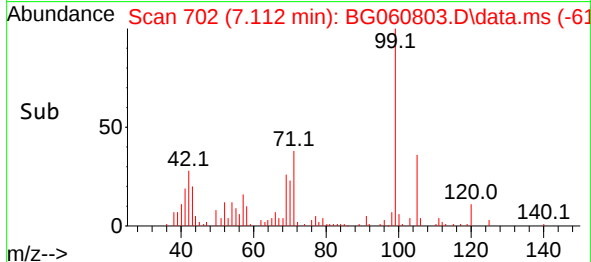
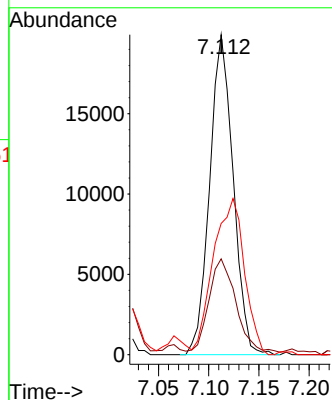
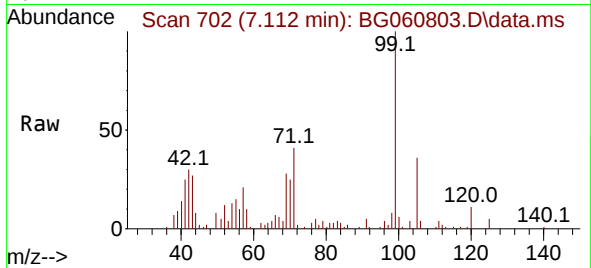




#7
Phenol-d6
Concen: 5.958 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

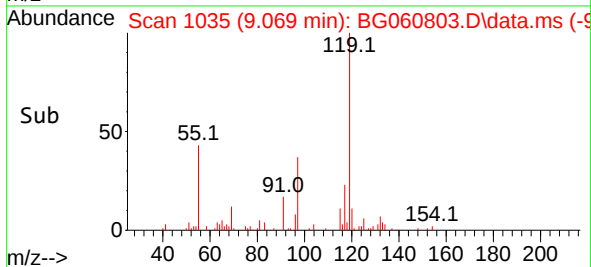
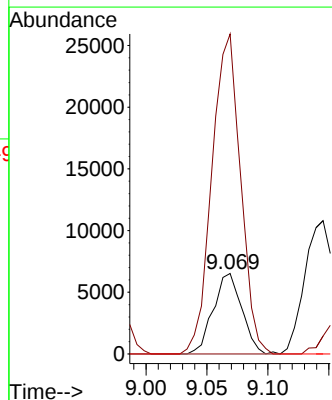
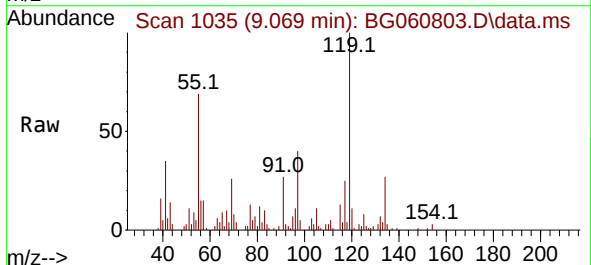
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

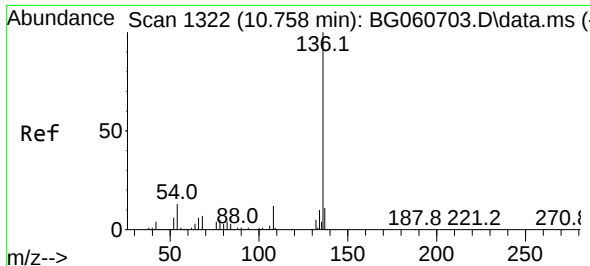
Tgt Ion: 99 Resp: 32427
Ion Ratio Lower Upper
99 100
42 30.0 19.4 29.2#
71 41.0 28.2 42.2



#18
Hexachloroethane
Concen: 6.819 ng
RT: 9.069 min Scan# 1035
Delta R.T. 0.026 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion: 117 Resp: 10681
Ion Ratio Lower Upper
117 100
119 397.5 75.7 113.5#
201 0.0 83.4 125.2#

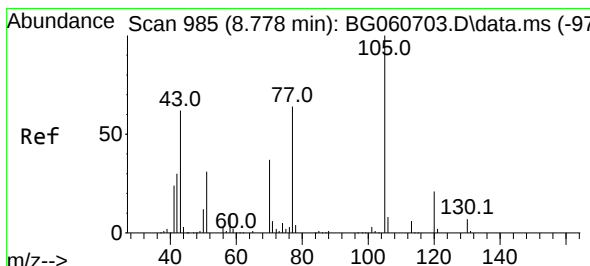
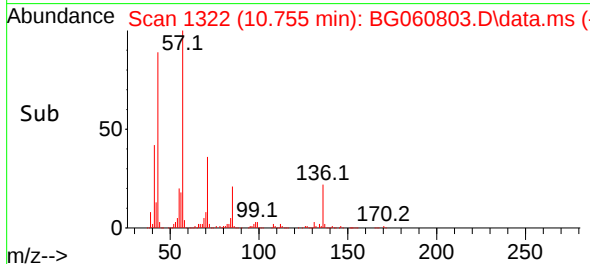
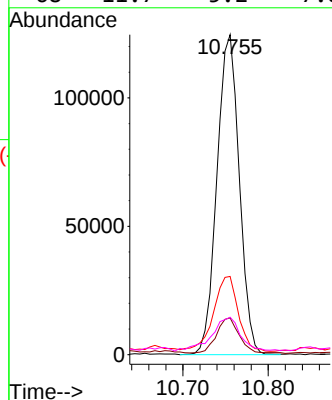
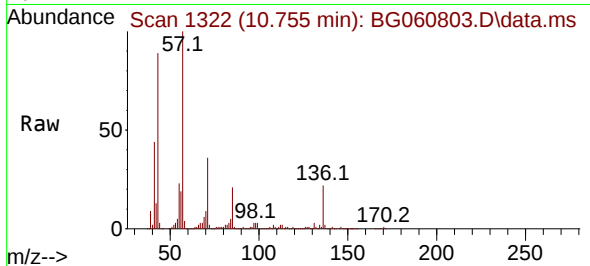




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

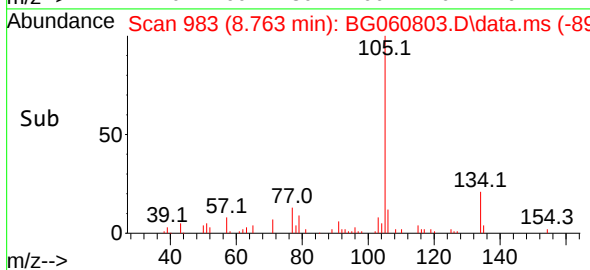
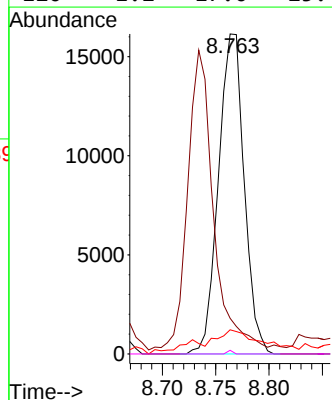
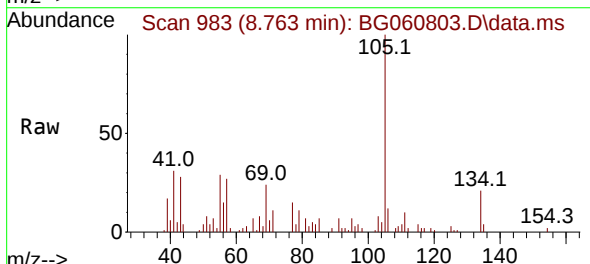
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

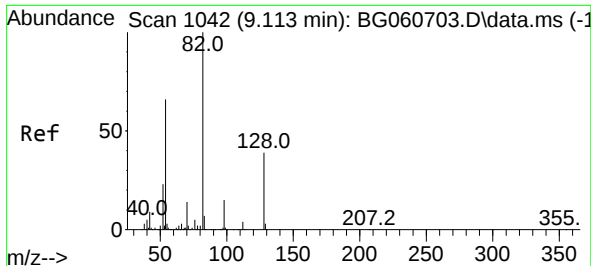
Tgt Ion:	136	Resp:	227044
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	24.4	10.2	15.2#
68	11.7	5.2	7.8#



#22
Acetophenone
Concen: 4.329 ng
RT: 8.763 min Scan# 983
Delta R.T. -0.015 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:	105	Resp:	27099
Ion	Ratio	Lower	Upper
105	100		
71	11.1	4.9	7.3#
51	7.5	31.1	46.7#
120	1.2	17.0	25.4#





#23

Nitrobenzene-d5

Concen: 6.591 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.009 min

Lab File: BG060803.D

Acq: 5 Apr 2024 19:47

Instrument :

BNA_G

ClientSampleId :

MOO-23-00113

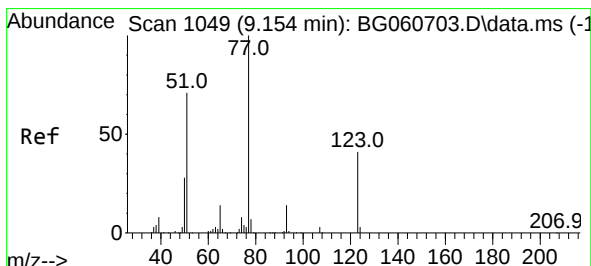
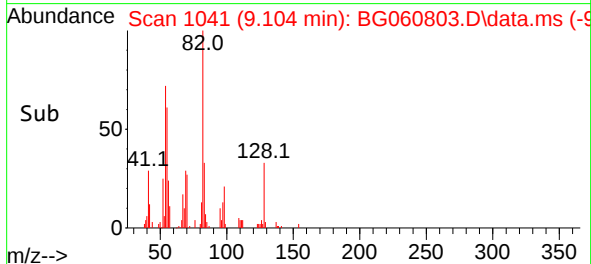
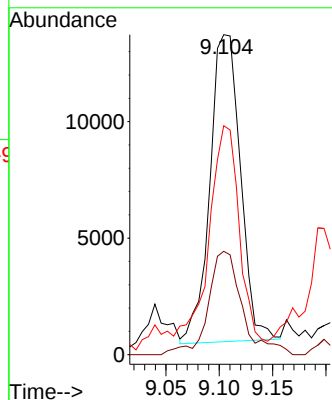
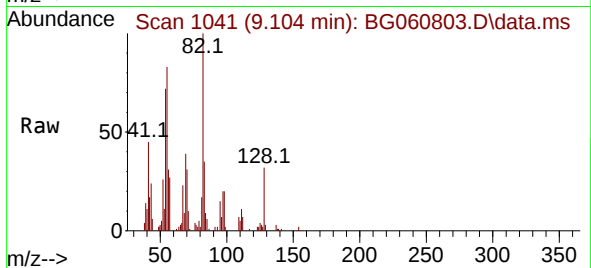
Tgt Ion: 82 Resp: 26225

Ion Ratio Lower Upper

82 100

128 32.3 31.2 46.8

54 71.5 53.2 79.8



#24

Nitrobenzene

Concen: 3.151 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.015 min

Lab File: BG060803.D

Acq: 5 Apr 2024 19:47

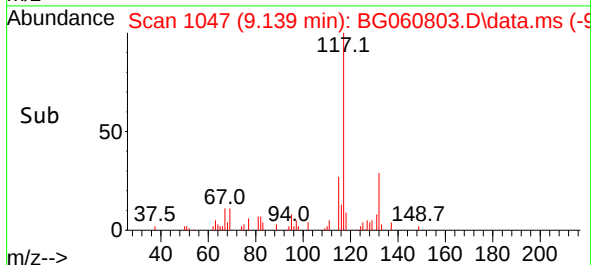
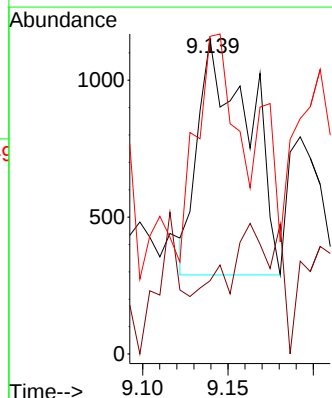
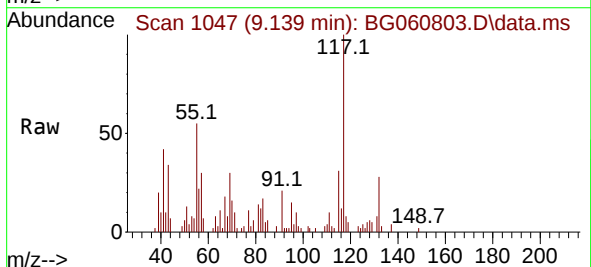
Tgt Ion: 77 Resp: 1776

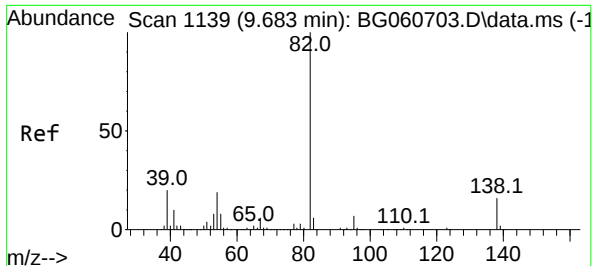
Ion Ratio Lower Upper

77 100

123 23.2 32.7 49.1#

65 100.8 11.3 16.9#

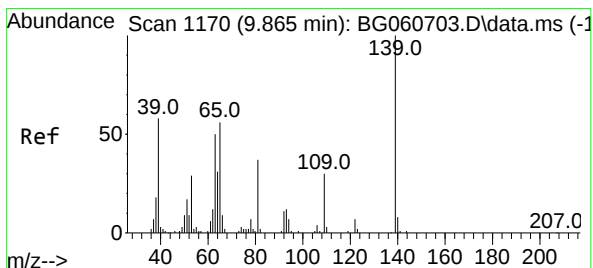
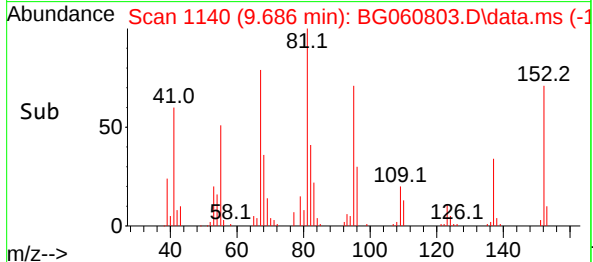
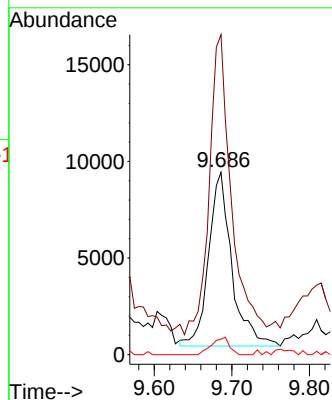
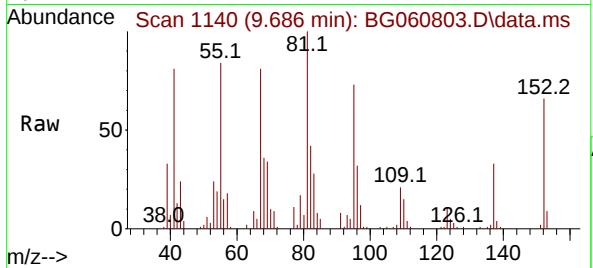




#25
Isophorone
Concen: 2.040 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

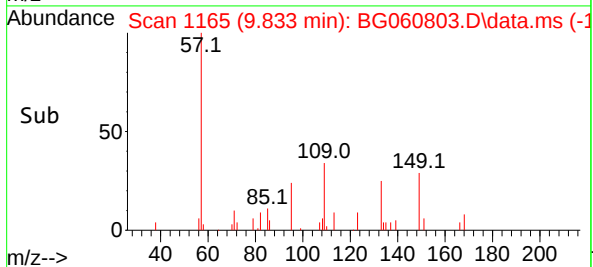
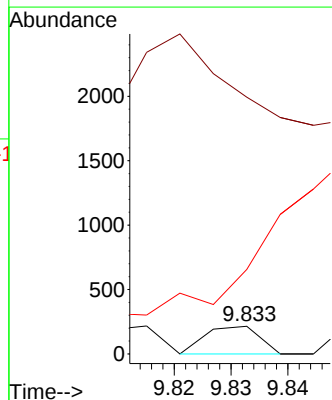
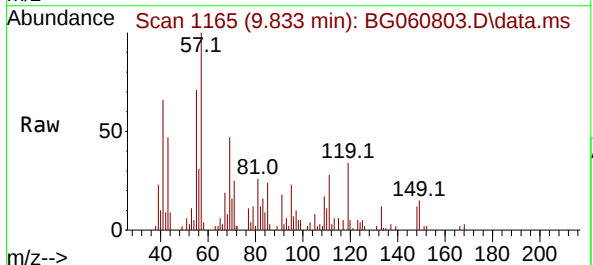
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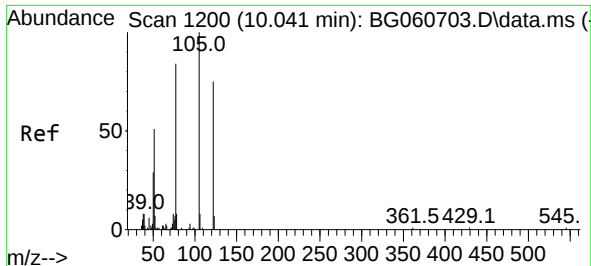
Tgt Ion: 82 Resp: 18694
Ion Ratio Lower Upper
82 100
95 175.5 5.8 8.8#
138 8.5 13.0 19.4#



#26
2-Nitrophenol
Concen: 3.062 ng
RT: 9.833 min Scan# 1165
Delta R.T. -0.032 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion: 139 Resp: 144
Ion Ratio Lower Upper
139 100
109 927.0 23.9 35.9#
65 305.1 44.5 66.7#

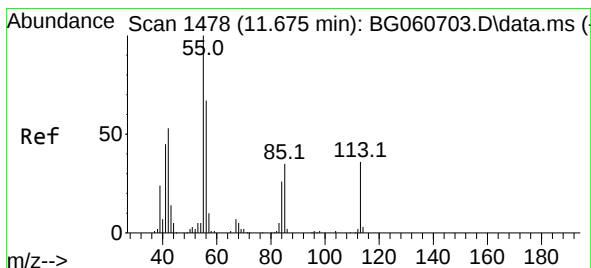
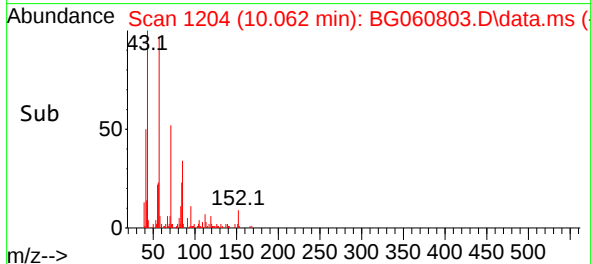
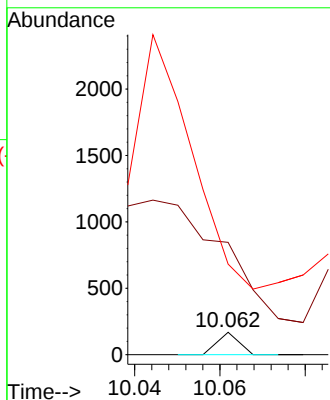
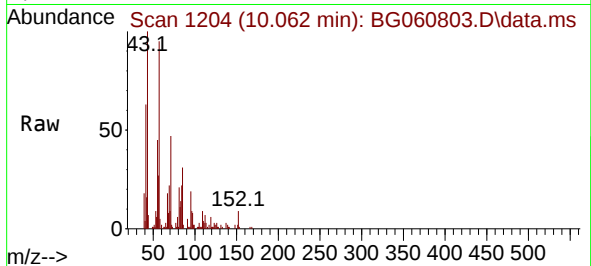




#32
Benzoic acid
Concen: 6.857 ng
RT: 10.062 min Scan# 11
Delta R.T. 0.021 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

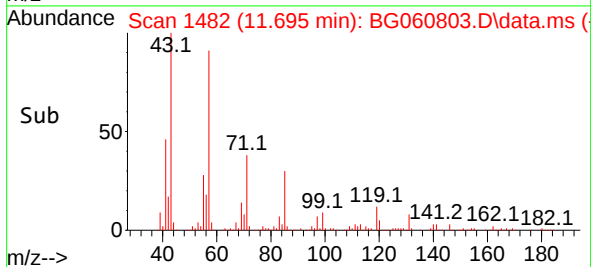
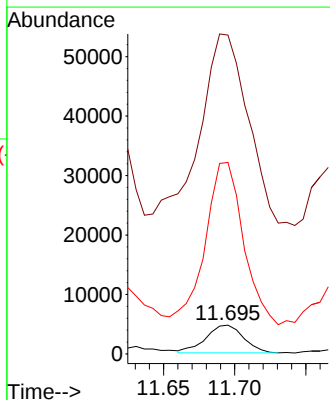
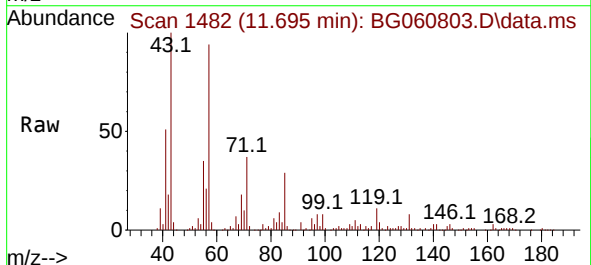
Instrument :
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ClientSampleId :
MOO-23-00113

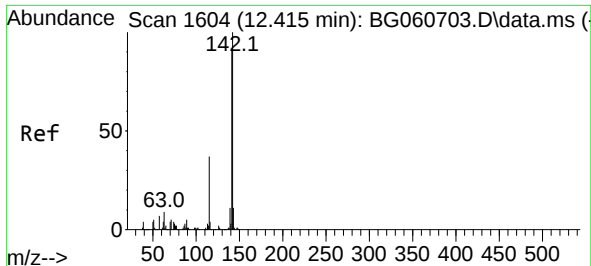
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 500.6 104.5 144.5#
77 403.6 85.3 125.3#



#35
Caprolactam
Concen: 6.395 ng
RT: 11.695 min Scan# 1482
Delta R.T. 0.021 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:113 Resp: 8562
Ion Ratio Lower Upper
113 100
55 1107.3 258.0 298.0#
56 665.0 166.3 206.3#

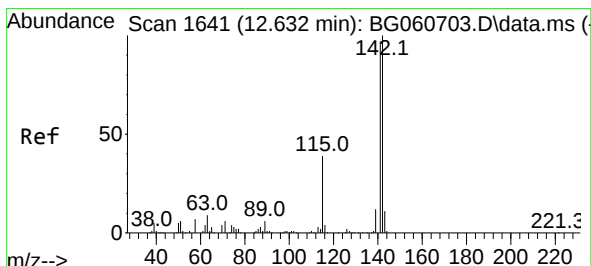
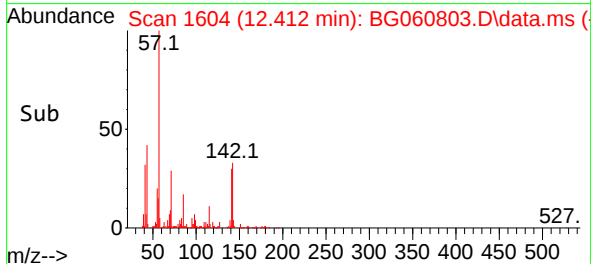
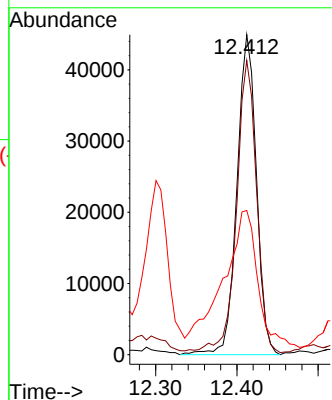
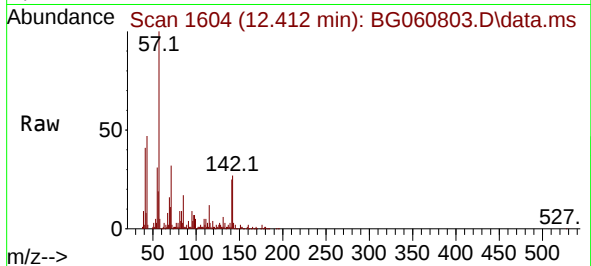




#37
2-Methylnaphthalene
Concen: 8.264 ng
RT: 12.412 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

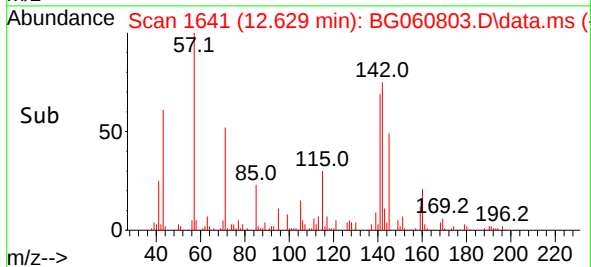
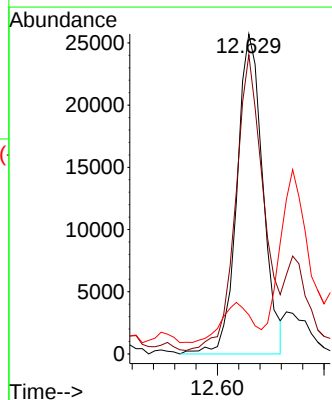
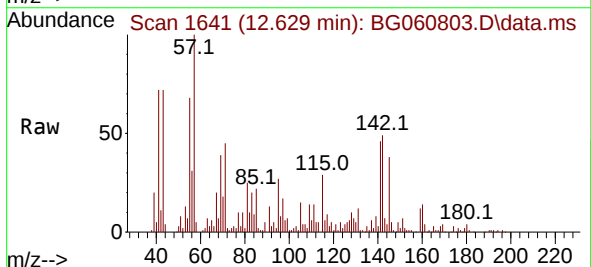
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

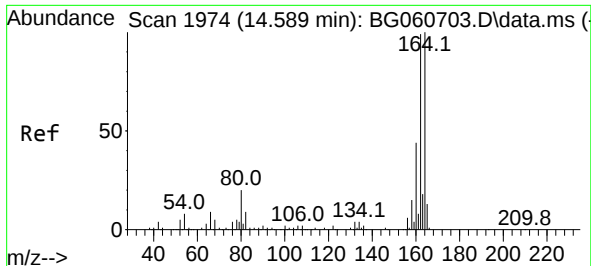
Tgt Ion:142 Resp: 74622
Ion Ratio Lower Upper
142 100
141 92.0 72.7 109.1
115 45.1 29.9 44.9#



#38
1-Methylnaphthalene
Concen: 5.090 ng
RT: 12.629 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

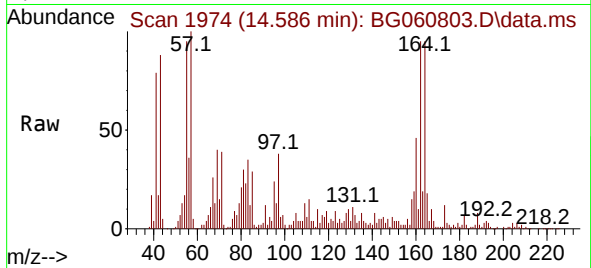
Tgt Ion:142 Resp: 43416
Ion Ratio Lower Upper
142 100
141 93.5 77.7 116.5
116 12.2 3.4 5.2#



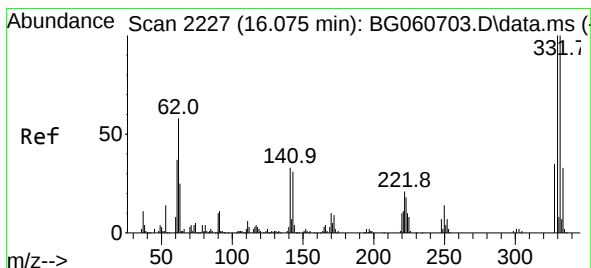
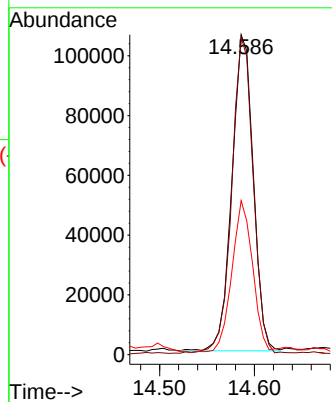
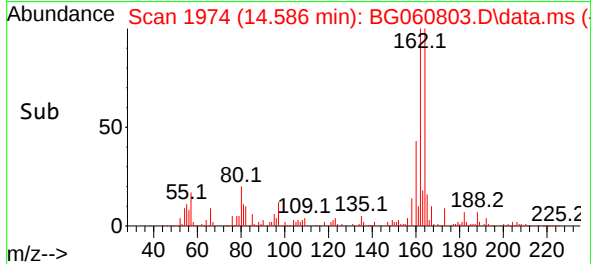


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

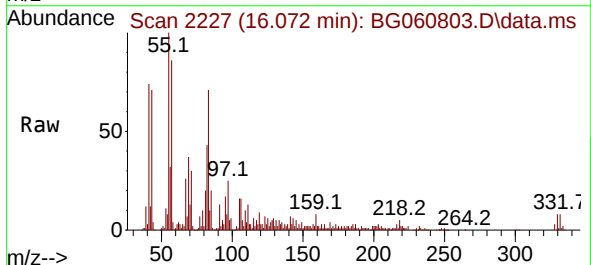
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113



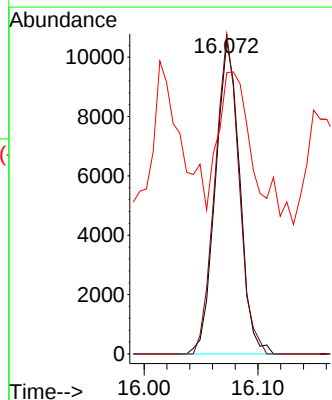
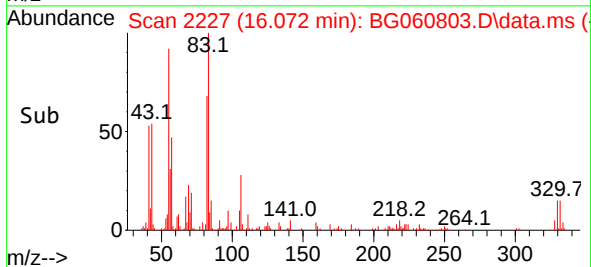
Tgt Ion:164 Resp: 165371
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 48.2 35.4 53.0

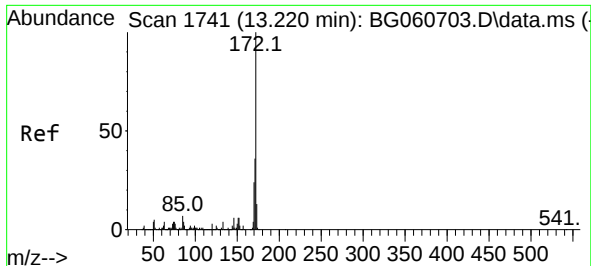


#42
2,4,6-Tribromophenol
Concen: 8.312 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47



Tgt Ion:330 Resp: 15604
Ion Ratio Lower Upper
330 100
332 101.2 78.2 117.4
141 68.6 27.0 40.6#

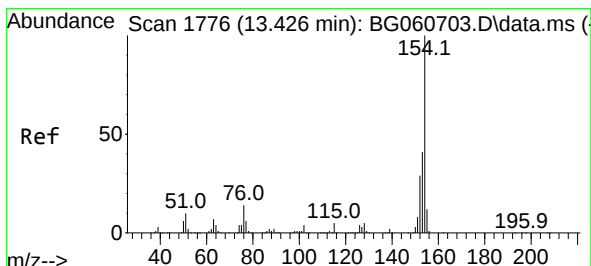
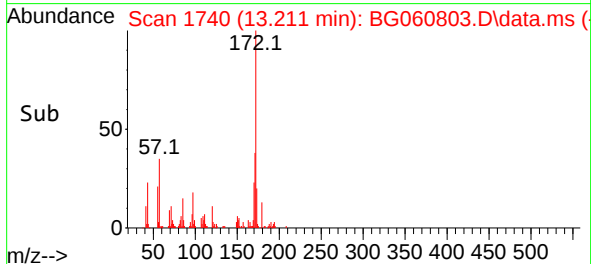
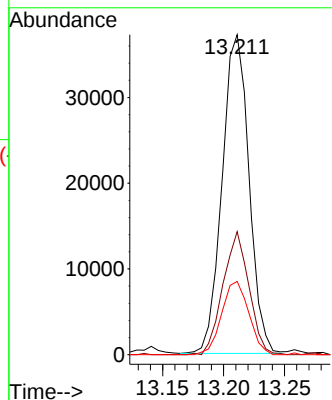
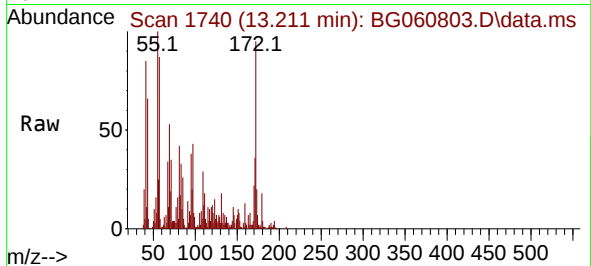




#45
2-Fluorobiphenyl
Concen: 5.064 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

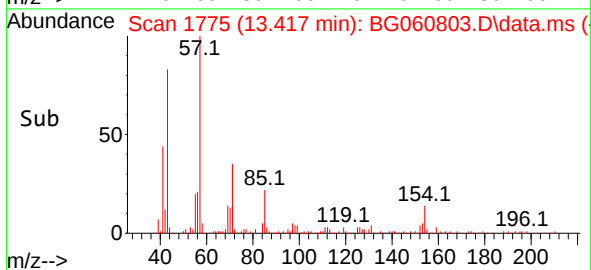
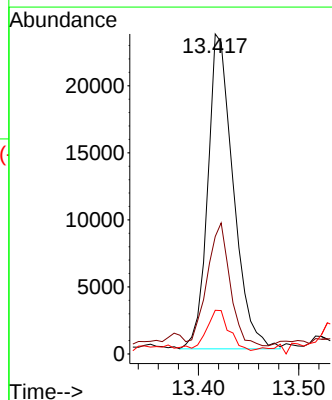
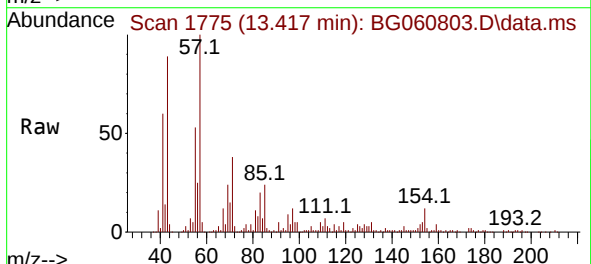
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

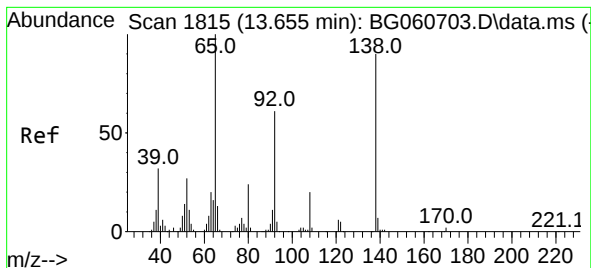
Tgt Ion:172	Resp:	57061
Ion Ratio	Lower	Upper
172	100	
171	38.4	28.7 43.1
170	22.9	19.4 29.0



#46
1,1'-Biphenyl
Concen: 3.559 ng
RT: 13.417 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:154	Resp:	41566
Ion Ratio	Lower	Upper
154	100	
153	36.7	20.8 60.8
76	13.6	0.0 33.9

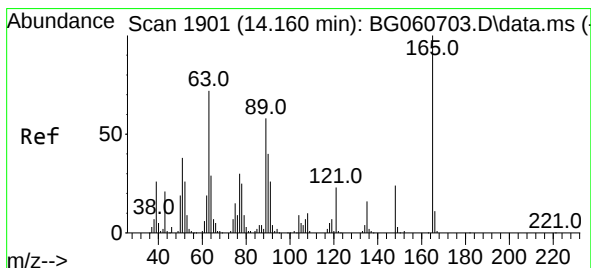
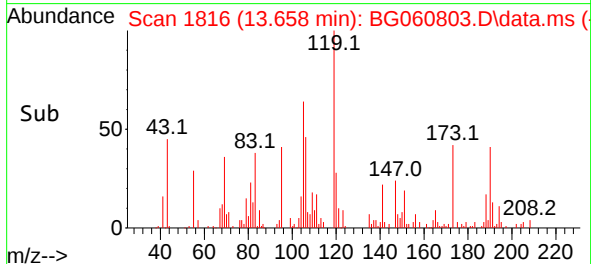
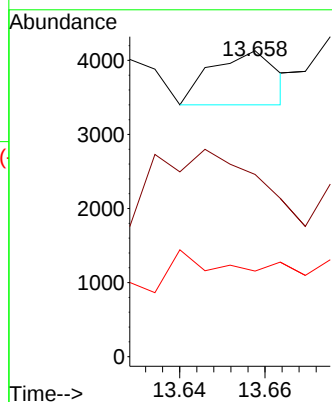
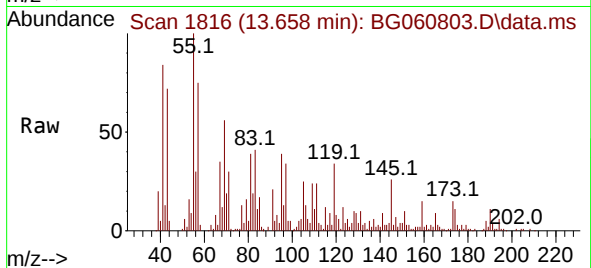




#48
2-Nitroaniline
Concen: 3.078 ng
RT: 13.658 min Scan# 1815
Delta R.T. 0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

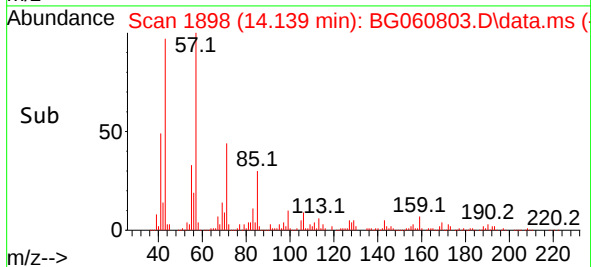
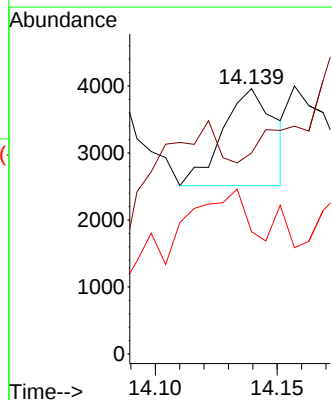
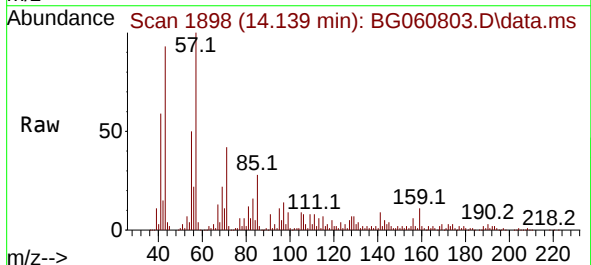
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

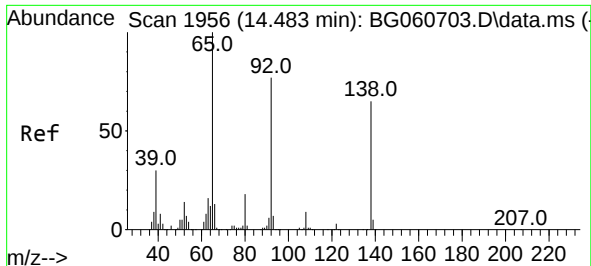
Tgt Ion: 65 Resp: 783
Ion Ratio Lower Upper
65 100
92 59.6 48.6 72.8
138 28.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 4.349 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:165 Resp: 2159
Ion Ratio Lower Upper
165 100
63 75.8 58.2 87.4
89 46.1 46.1 69.1#

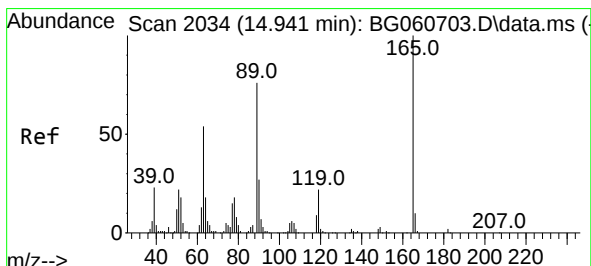
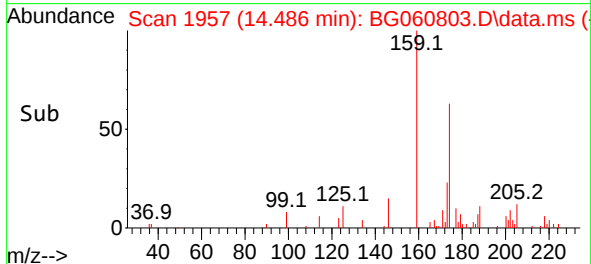
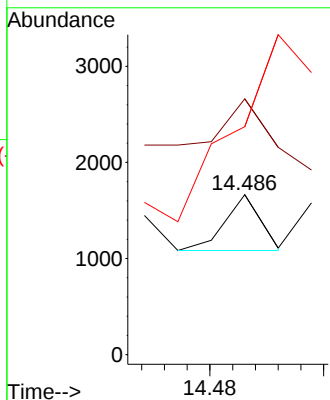
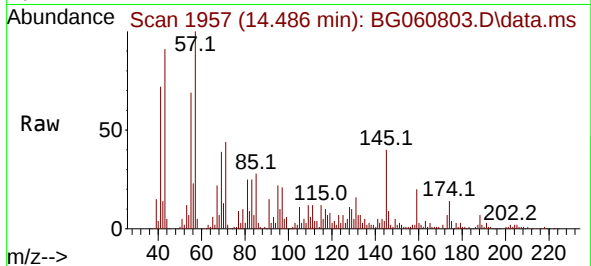




#53
3-Nitroaniline
Concen: 2.943 ng
RT: 14.486 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

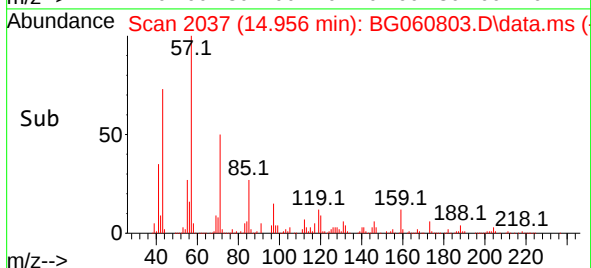
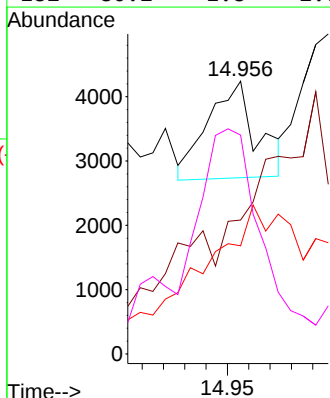
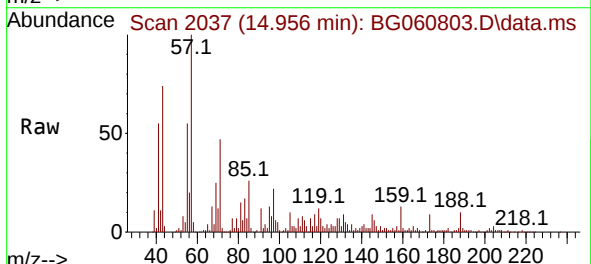
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

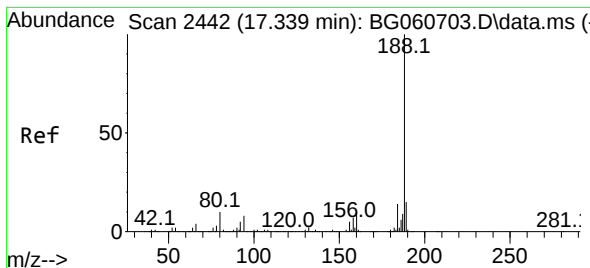
Tgt Ion:138 Resp: 252
Ion Ratio Lower Upper
138 100
108 159.9 11.3 16.9#
92 142.5 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 4.010 ng
RT: 14.956 min Scan# 2037
Delta R.T. 0.015 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:165 Resp: 2389
Ion Ratio Lower Upper
165 100
63 49.1 43.4 65.0
89 39.6 61.0 91.6#
182 80.2 1.8 2.6#

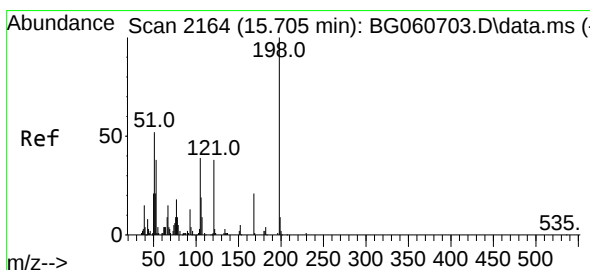
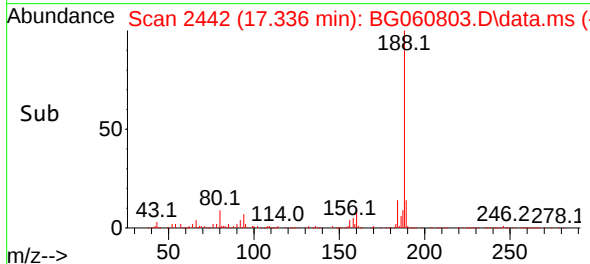
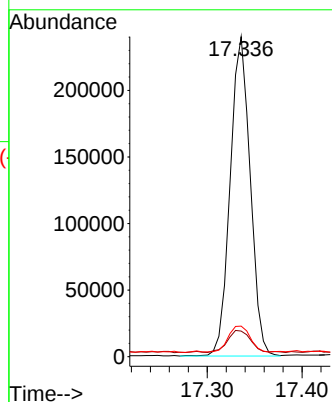
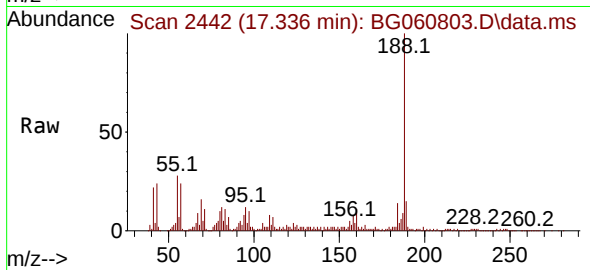




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

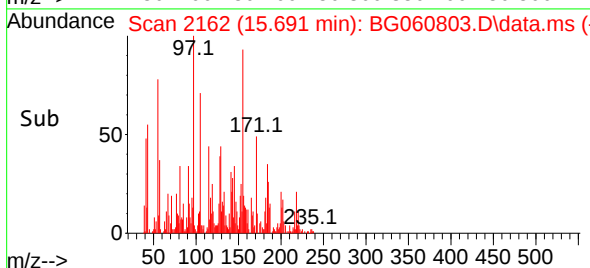
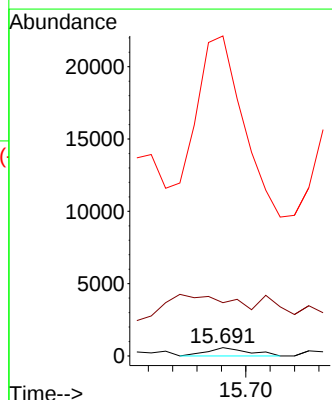
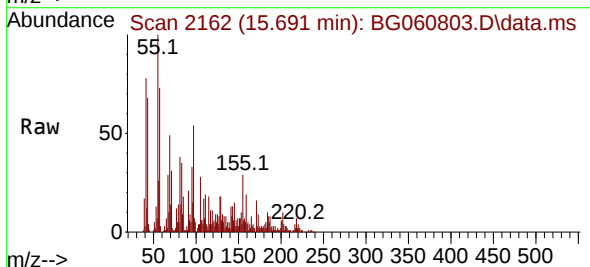
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

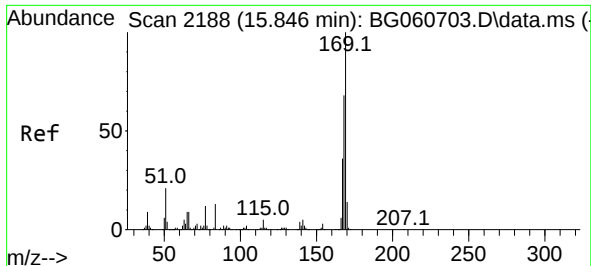
Tgt Ion:188 Resp: 351331
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.6 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.429 ng
RT: 15.691 min Scan# 2162
Delta R.T. -0.014 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:198 Resp: 672
Ion Ratio Lower Upper
198 100
51 646.1 36.7 76.7#
105 3882.1 19.1 59.1#

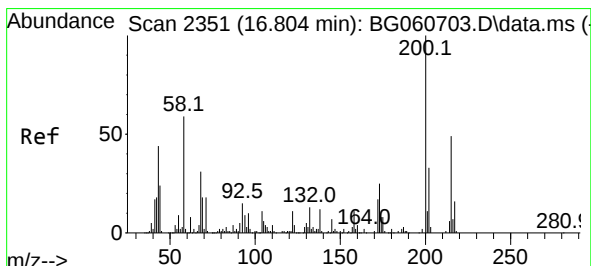
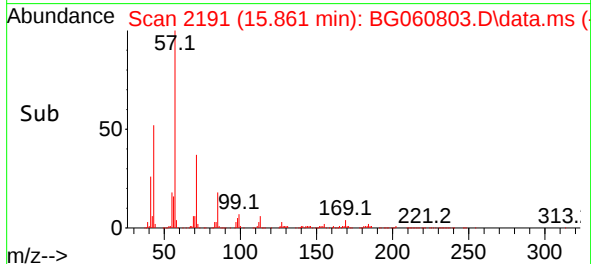
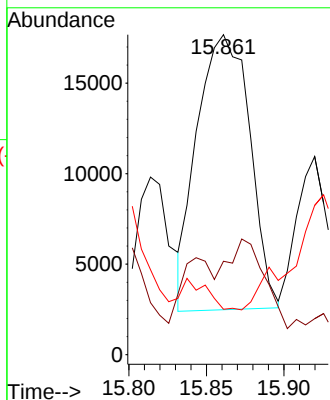
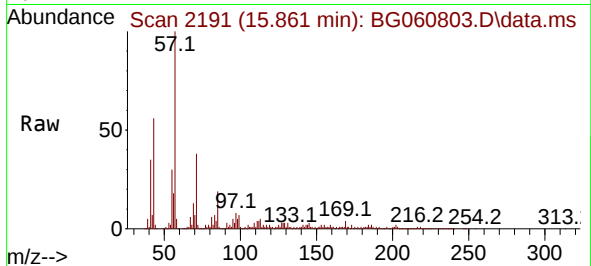




#66
n-Nitrosodiphenylamine
Concen: 3.563 ng
RT: 15.861 min Scan# 2188
Delta R.T. 0.015 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

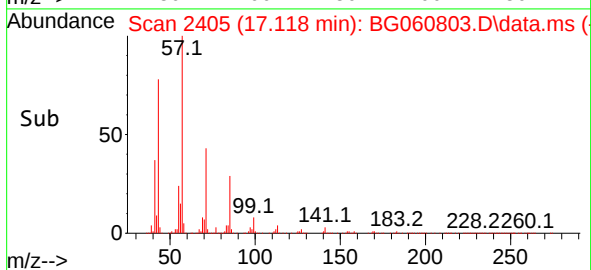
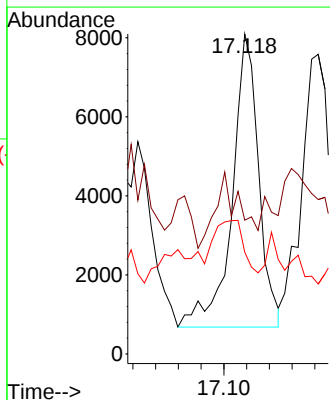
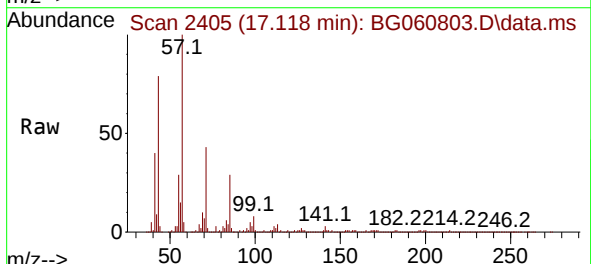
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

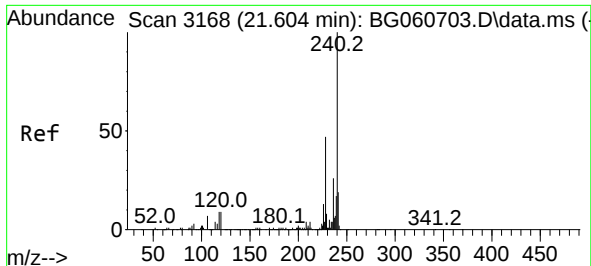
Tgt Ion	169	168	167
Resp:	35769		
Ion Ratio	100	29.2	14.2
Lower		54.5	29.2
Upper		81.7#	43.8#



#69
Atrazine
Concen: 3.416 ng
RT: 17.118 min Scan# 2405
Delta R.T. 0.314 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion	200	173	215
Resp:	11994		
Ion Ratio	100	41.8	31.8
Lower		5.2	28.8
Upper		45.2	68.8

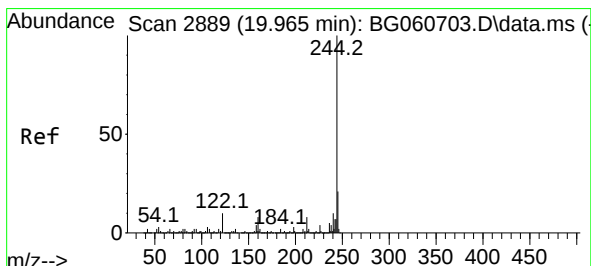
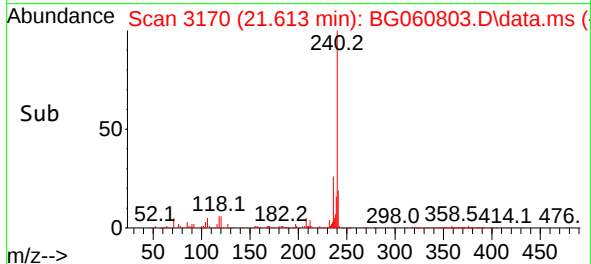
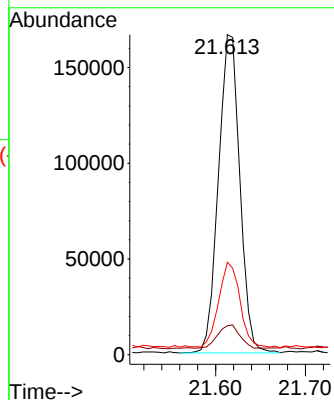
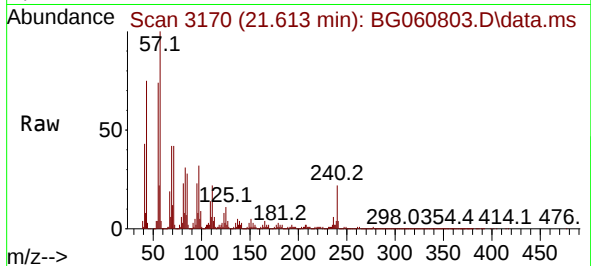




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3168
Delta R.T. 0.009 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

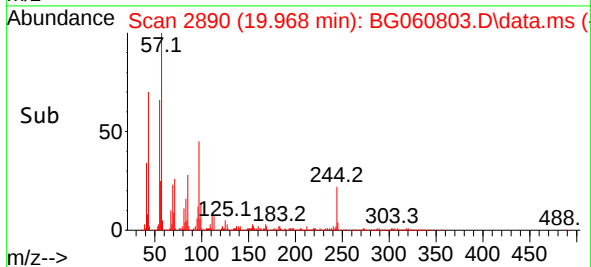
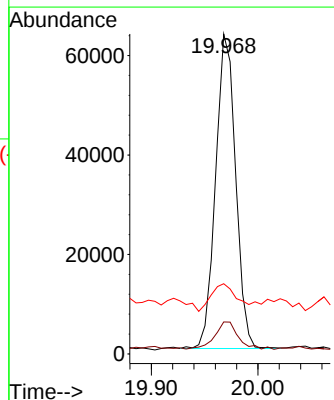
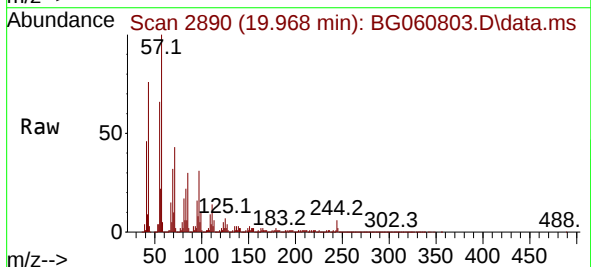
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

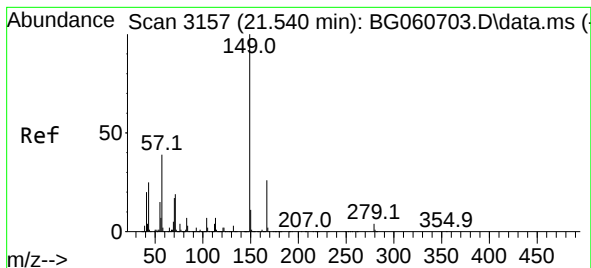
Tgt Ion:240 Resp: 274965
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 28.9 20.7 31.1



#79
Terphenyl-d14
Concen: 5.281 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.003 min
Lab File: BG060803.D
Acq: 5 Apr 2024 19:47

Tgt Ion:244 Resp: 82459
Ion Ratio Lower Upper
244 100
212 10.0 6.2 9.2#
122 22.0 7.8 11.8#

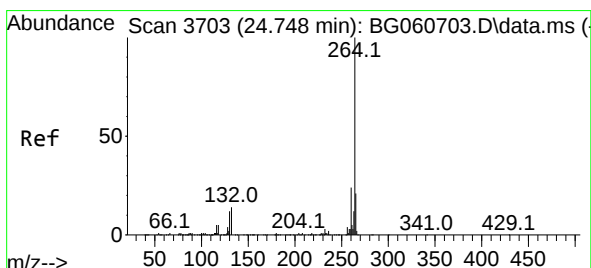
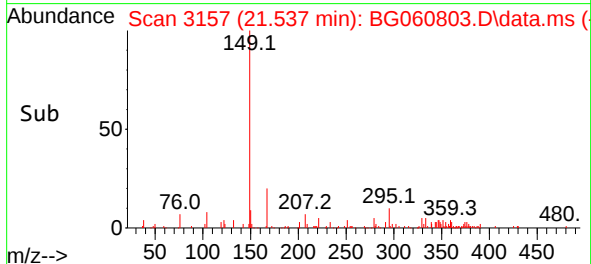
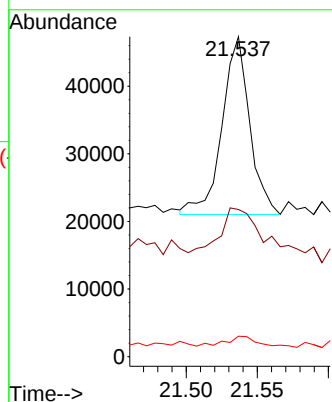
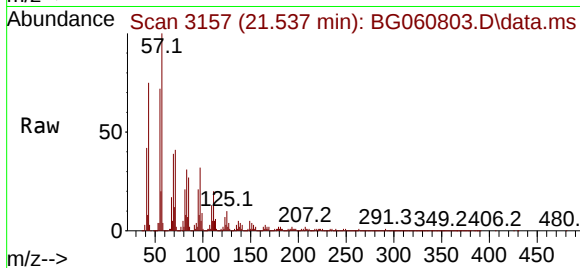




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.179 ng
 RT: 21.537 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: BG060803.D
 Acq: 5 Apr 2024 19:47

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00113

Tgt Ion:149 Resp: 35546
 Ion Ratio Lower Upper
 149 100
 167 46.0 20.6 30.8#
 279 6.4 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.768 min Scan# 3707
 Delta R.T. 0.021 min
 Lab File: BG060803.D
 Acq: 5 Apr 2024 19:47

Tgt Ion:264 Resp: 368179
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.9 16.9 25.3

