

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061194.D
 Acq On : 14 May 2024 17:57
 Operator : MA/JU
 Sample : P2469-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Quant Time: May 14 18:39:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

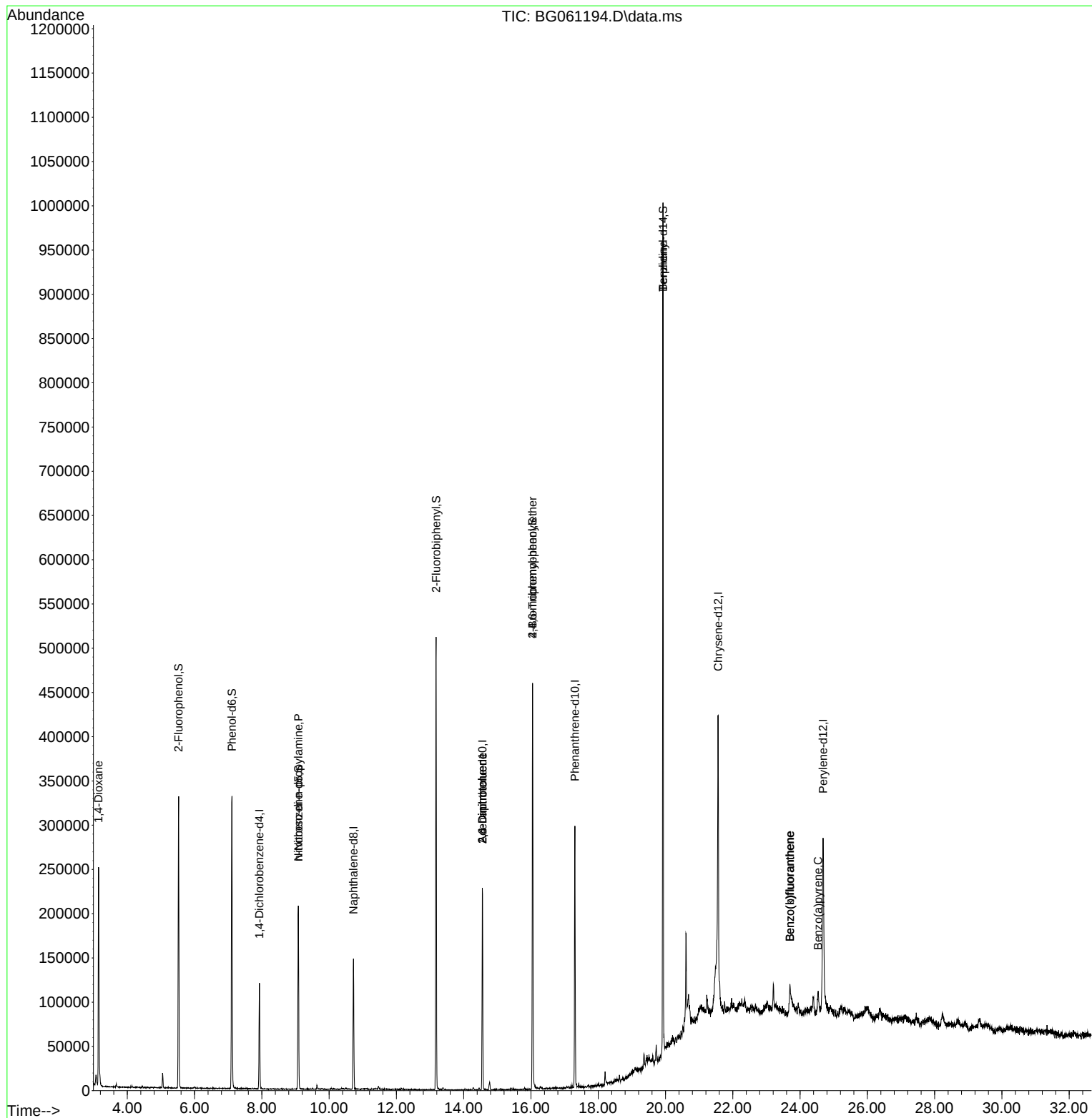
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	30527	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	111762	20.000	ng	-0.03
39) Acenaphthene-d10	14.556	164	83521	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	192742	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	187002	20.000	ng	-0.03
86) Perylene-d12	24.685	264	232948	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	115066	76.658	ng	-0.02
7) Phenol-d6	7.112	99	153987	69.348	ng	-0.02
23) Nitrobenzene-d5	9.086	82	103813	46.046	ng	-0.03
42) 2,4,6-Tribromophenol	16.048	330	99885	59.831	ng	-0.03
45) 2-Fluorobiphenyl	13.181	172	263959	46.733	ng	-0.03
79) Terphenyl-d14	19.926	244	495362	44.056	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	1865	3.073	ng	# 1
9) Benzaldehyde	7.100	77	316	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.086	70	14909	8.972	ng	# 59
51) 2,6-Dinitrotoluene	14.556	165	10774	7.808	ng	# 15
57) 2,4-Dinitrotoluene	14.556	165	10774	5.278	ng	# 17
67) 4-Bromophenyl-phenylether	16.048	248	6064	2.671	ng	# 1
77) Benzidine	19.926	184	8746	5.110	ng	# 78
88) Benzo(b)fluoranthene	23.704	252	33992	2.611	ng	# 96
89) Benzo(k)fluoranthene	23.704	252	33992	2.714	ng	# 97
90) Benzo(a)pyrene	24.532	252	26766	2.360	ng	# 97

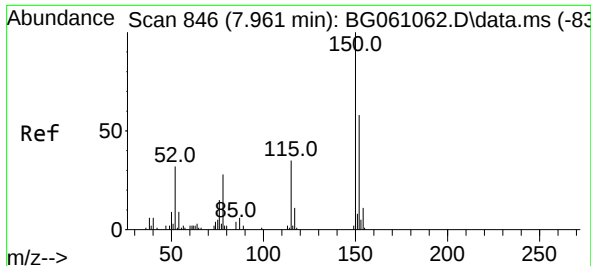
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061194.D
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Quant Time: May 14 18:39:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

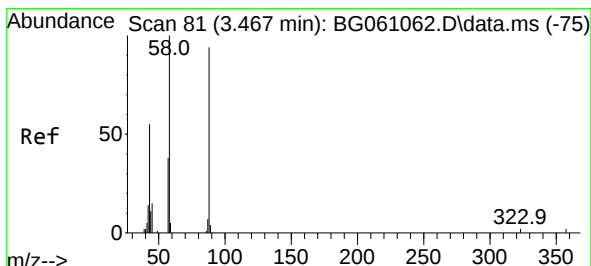
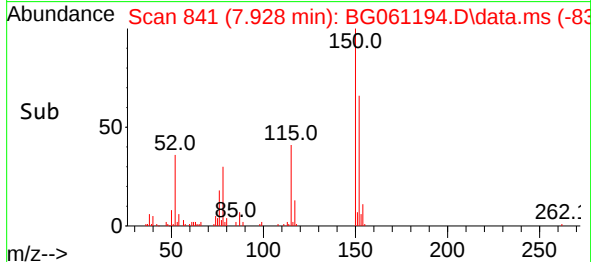
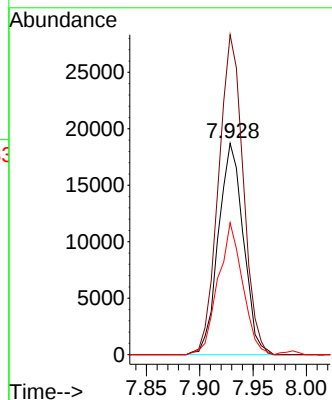
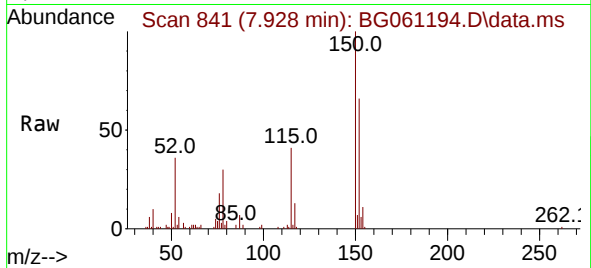




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

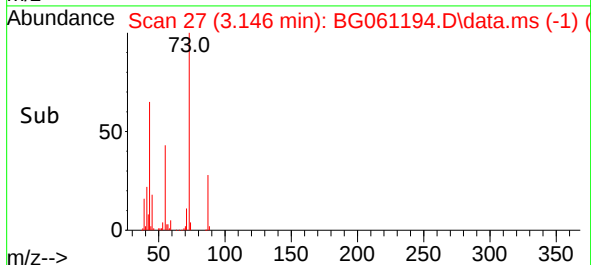
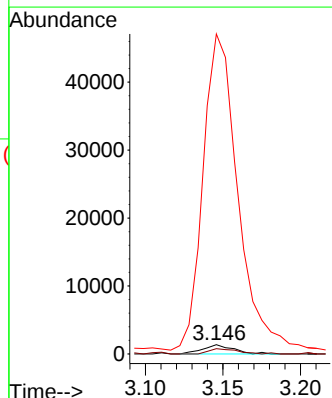
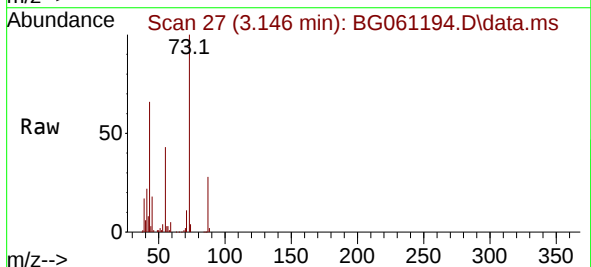
Instrument :
BNA_G
ClientSampleId :
MH-A

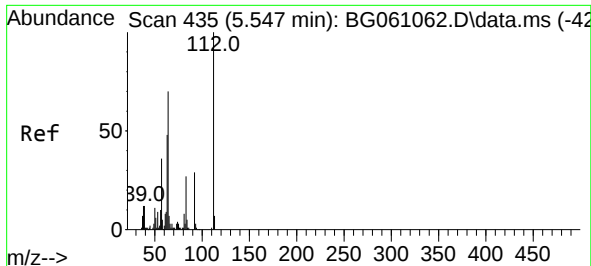
Tgt Ion:152 Resp: 30527
Ion Ratio Lower Upper
152 100
150 151.4 138.3 207.5
115 62.5 48.0 72.0



#2
1,4-Dioxane
Concen: 3.073 ng
RT: 3.146 min Scan# 27
Delta R.T. -0.321 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion: 88 Resp: 1865
Ion Ratio Lower Upper
88 100
58 54.9 81.2 121.8#
43 3903.2 45.0 67.4#

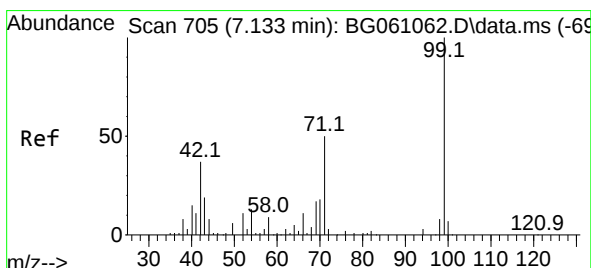
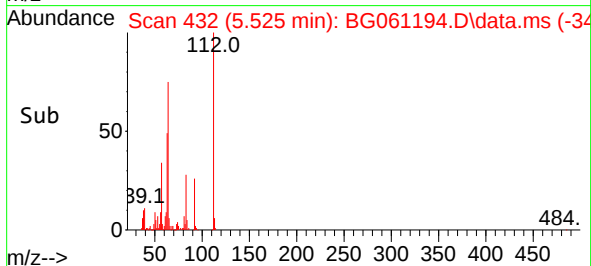
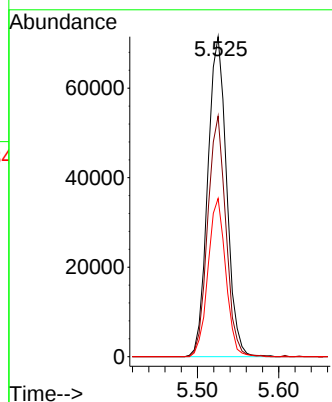
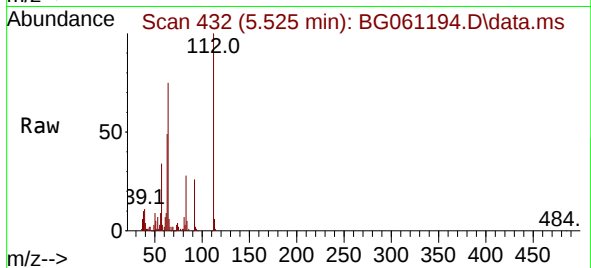




#5
2-Fluorophenol
Concen: 76.658 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

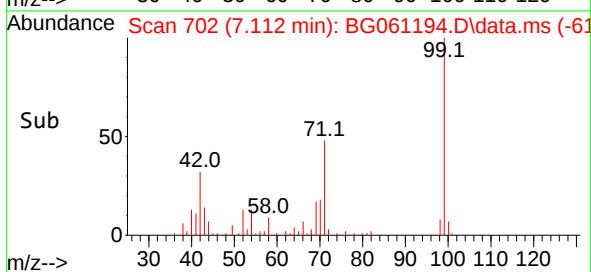
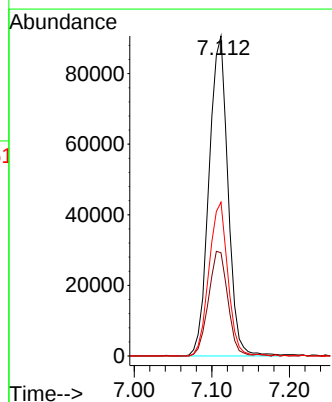
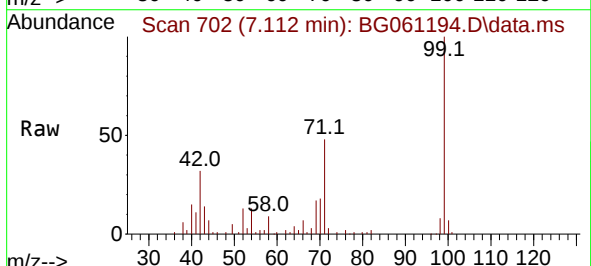
Instrument :
BNA_G
ClientSampleId :
MH-A

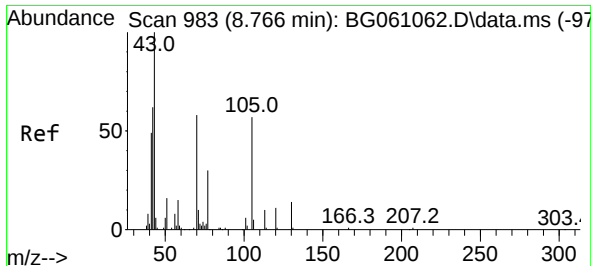
Tgt Ion:112 Resp: 115066
Ion Ratio Lower Upper
112 100
64 75.2 55.7 83.5
63 49.5 38.1 57.1



#7
Phenol-d6
Concen: 69.348 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.021 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion: 99 Resp: 153987
Ion Ratio Lower Upper
99 100
42 32.3 29.2 43.8
71 48.0 39.7 59.5

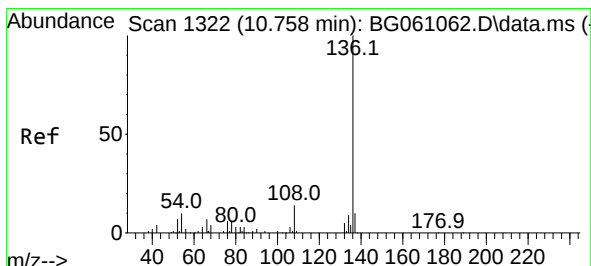
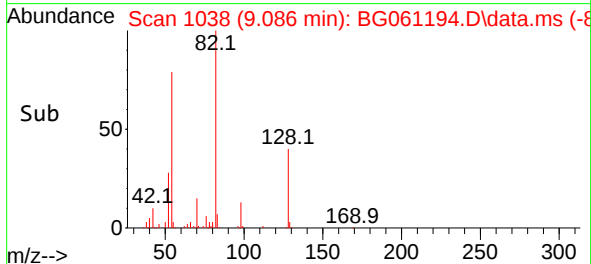
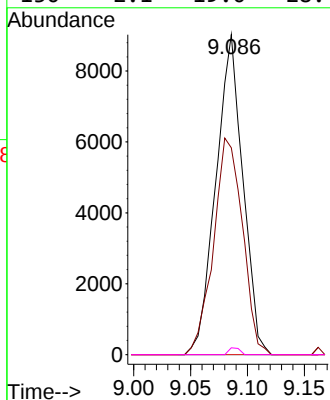
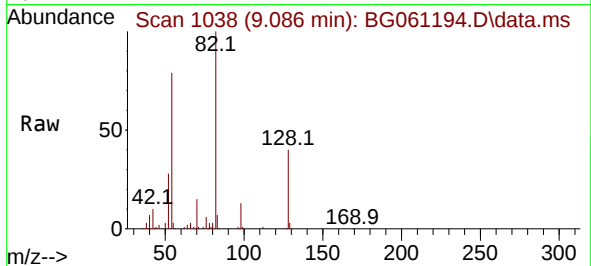




#19
n-Nitroso-di-n-propylamine
Concen: 8.972 ng
RT: 9.086 min Scan# 1038
Delta R.T. 0.320 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

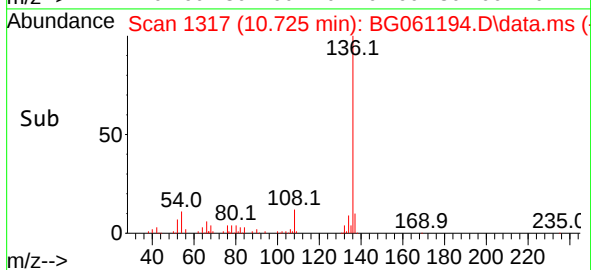
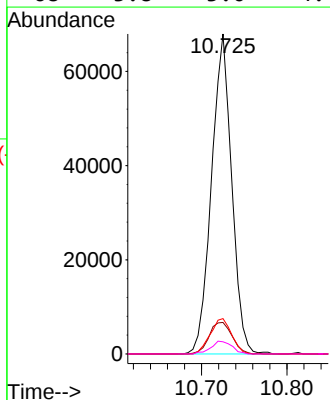
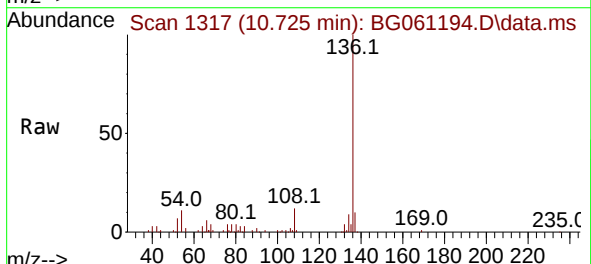
Instrument :
BNA_G
ClientSampleId :
MH-A

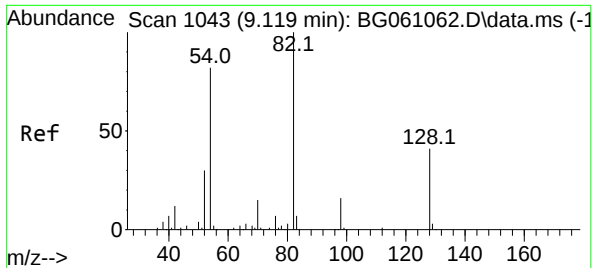
Tgt Ion: 70 Resp: 14909
Ion Ratio Lower Upper
70 100
42 64.6 86.4 129.6#
101 0.0 7.8 11.8#
130 2.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion: 136 Resp: 111762
Ion Ratio Lower Upper
136 100
137 9.9 7.8 11.6
54 11.0 8.1 12.1
68 3.8 3.0 4.4

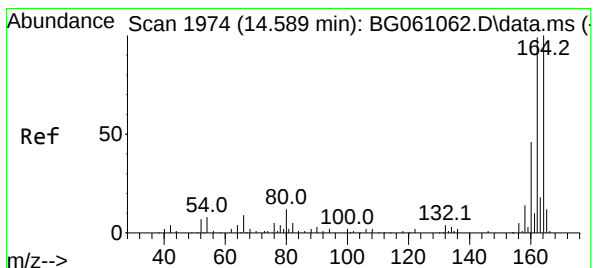
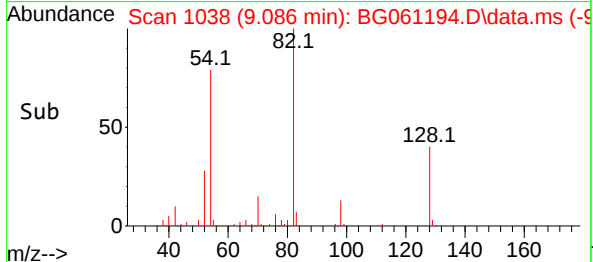
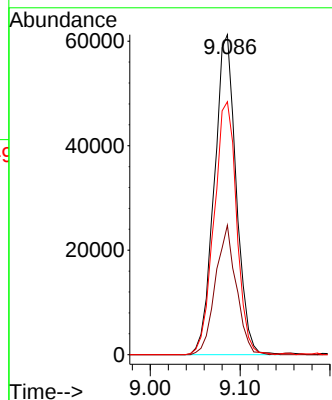
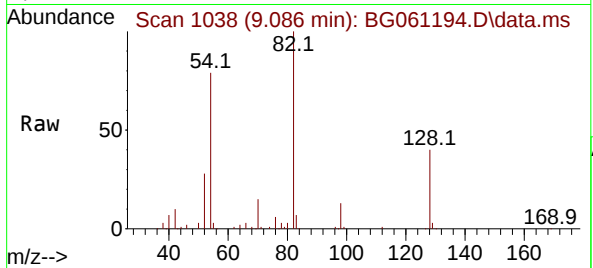




#23
Nitrobenzene-d5
Concen: 46.046 ng
RT: 9.086 min Scan# 1038
Delta R.T. -0.033 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

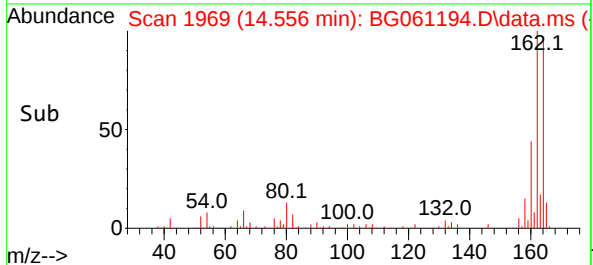
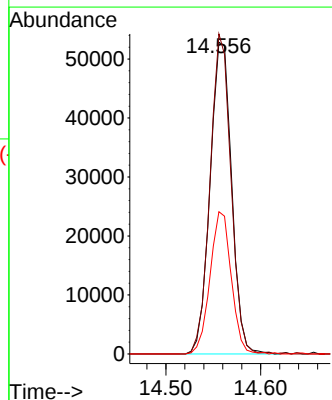
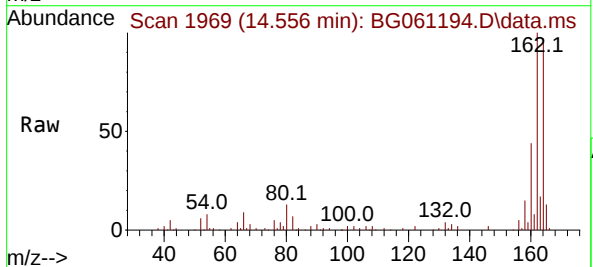
Instrument :
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ClientSampleId :
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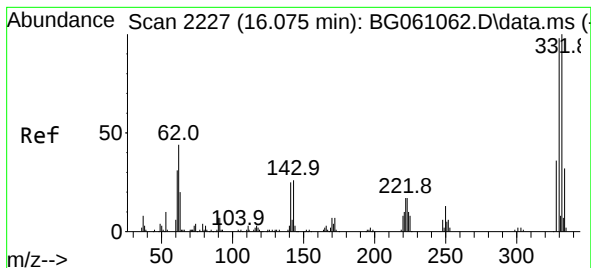
Tgt Ion: 82 Resp: 103813
Ion Ratio Lower Upper
82 100
128 40.5 32.7 49.1
54 79.1 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.033 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion:164 Resp: 83521
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 45.7 37.0 55.6

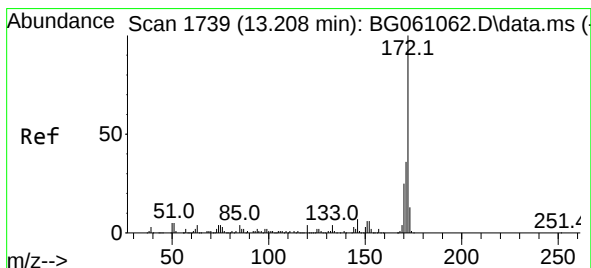
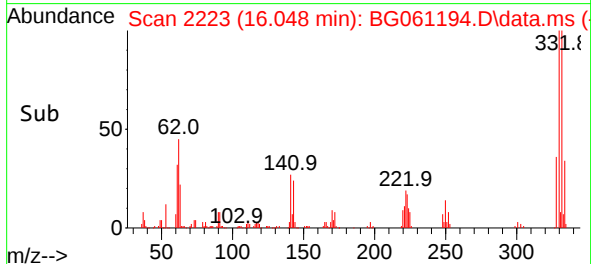
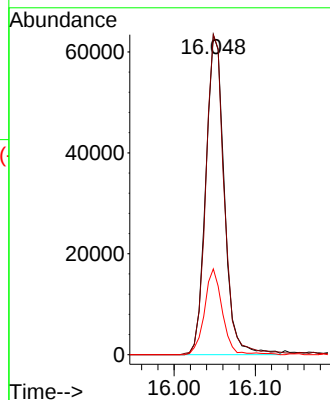
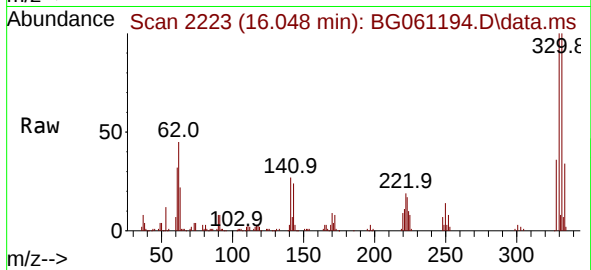




#42
2,4,6-Tribromophenol
Concen: 59.831 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

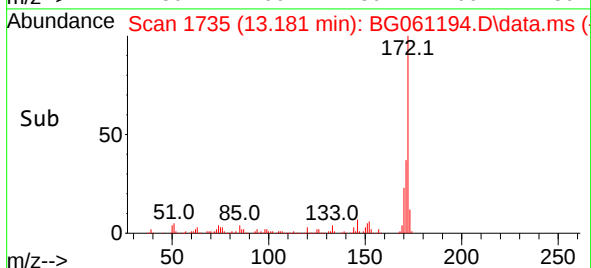
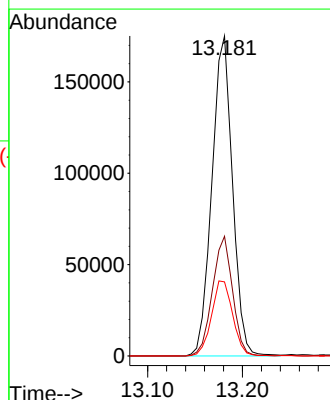
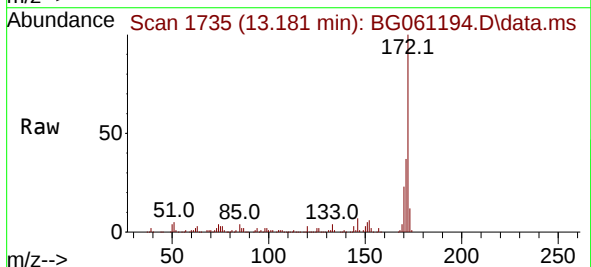
Instrument :
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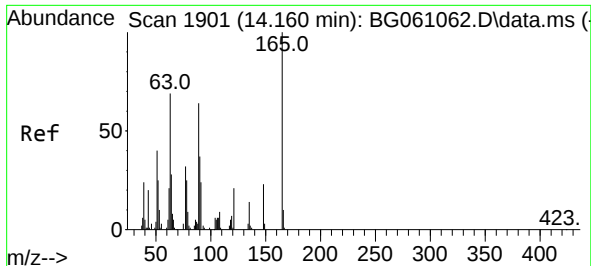
Tgt Ion:330 Resp: 99885
Ion Ratio Lower Upper
330 100
332 99.7 78.6 117.8
141 26.0 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 46.733 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion:172 Resp: 263959
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 23.2 20.2 30.4

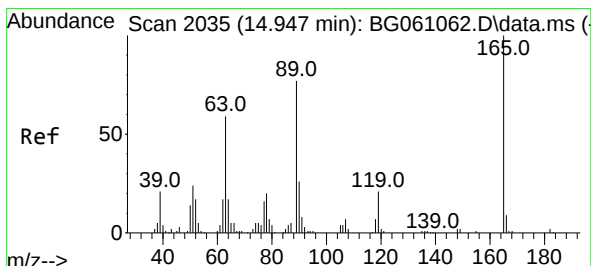
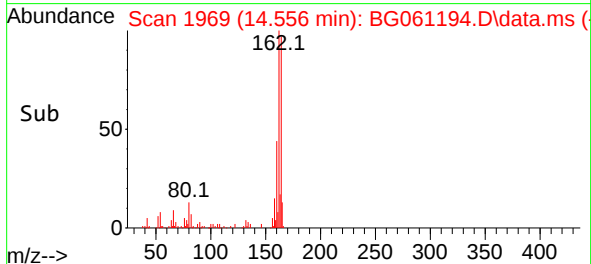
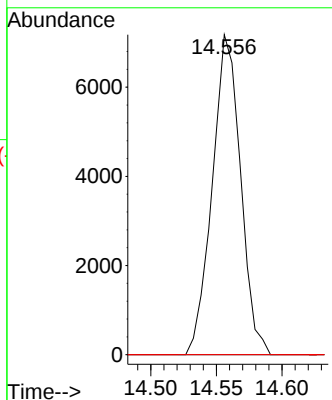
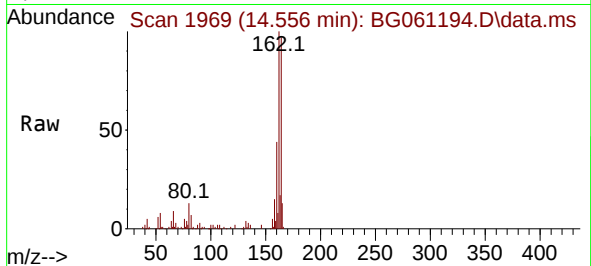




#51
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 14.556 min Scan# 1969
Delta R.T. 0.396 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

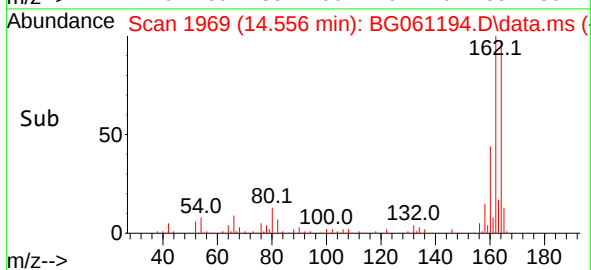
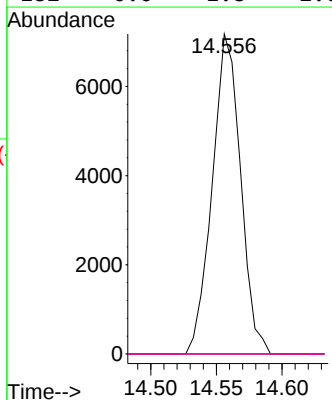
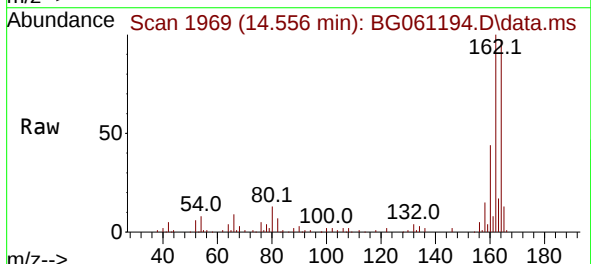
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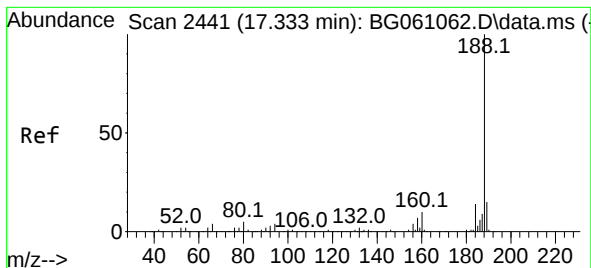
Tgt Ion:165 Resp: 10774
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.278 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.391 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion:165 Resp: 10774
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2441

Delta R.T. -0.027 min

Lab File: BG061194.D

Acq: 14 May 2024 17:57

Instrument :

BNA_G

ClientSampleId :

MH-A

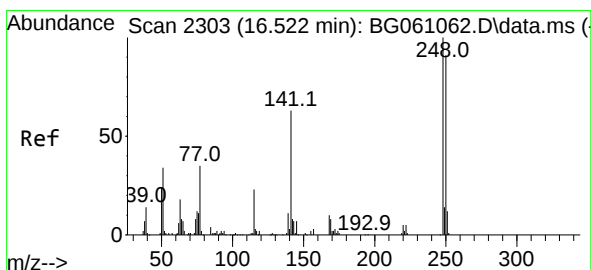
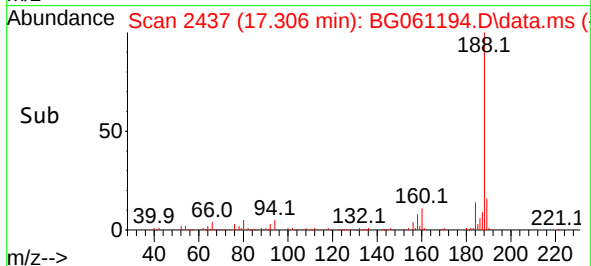
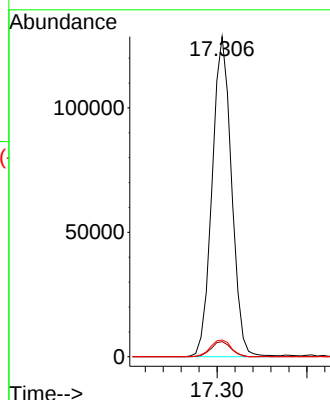
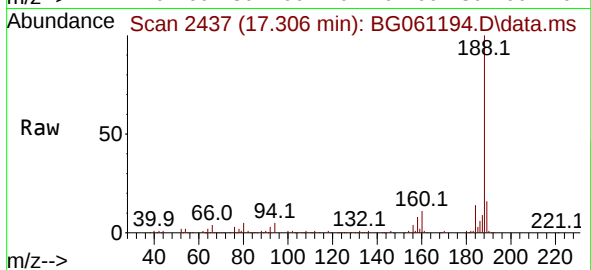
Tgt Ion:188 Resp: 192742

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

80 5.2 4.2 6.2



#67

4-Bromophenyl-phenylether

Concen: 2.671 ng

RT: 16.048 min Scan# 2223

Delta R.T. -0.474 min

Lab File: BG061194.D

Acq: 14 May 2024 17:57

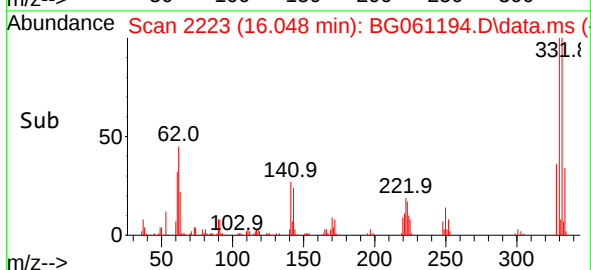
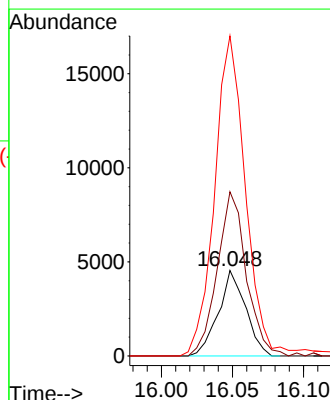
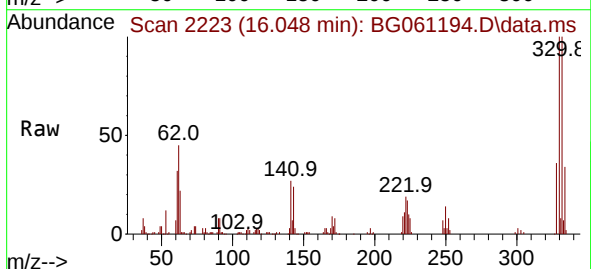
Tgt Ion:248 Resp: 6064

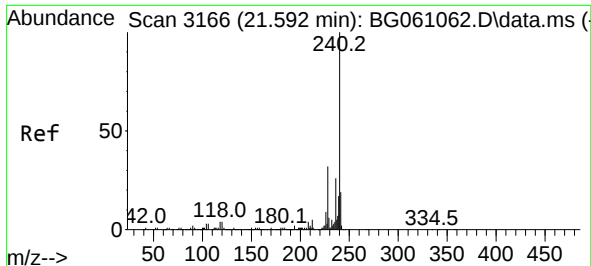
Ion Ratio Lower Upper

248 100

250 192.1 73.0 109.4#

141 374.4 50.8 76.2#

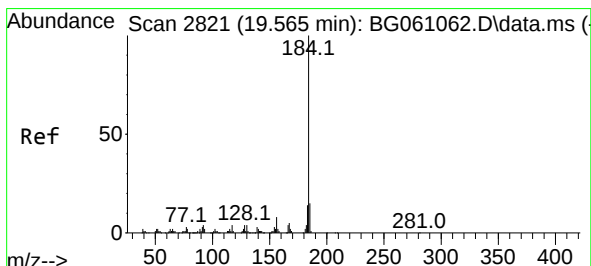
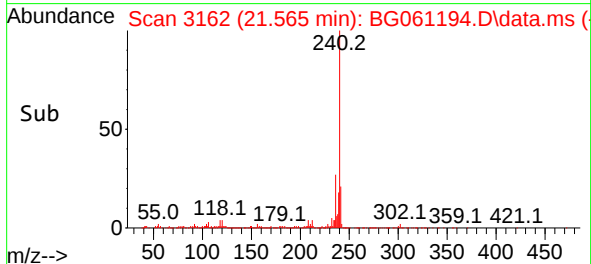
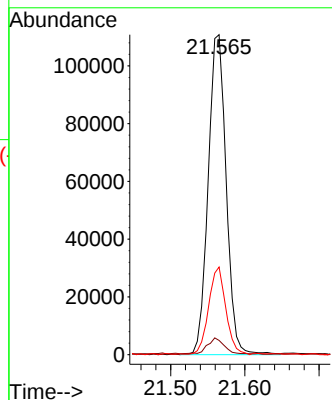
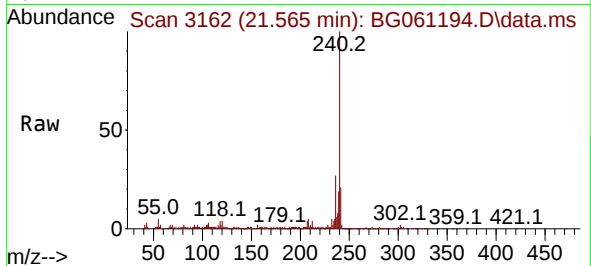




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3166
Delta R.T. -0.027 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

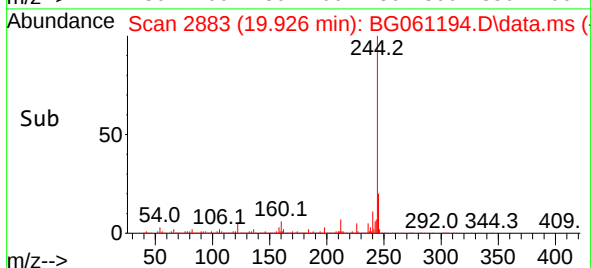
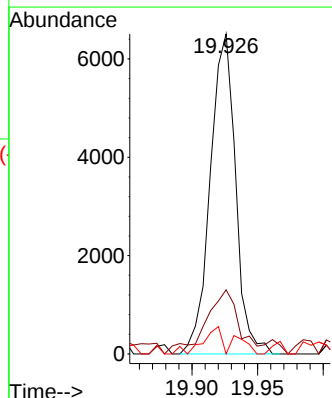
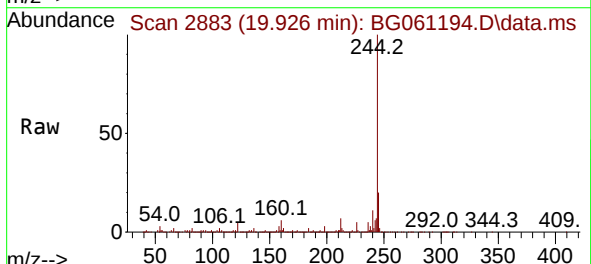
Instrument :
BNA_G
ClientSampleId :
MH-A

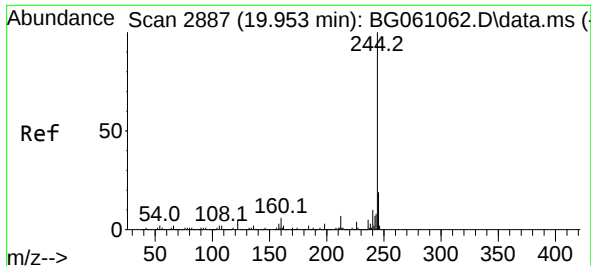
Tgt Ion:240 Resp: 187002
Ion Ratio Lower Upper
240 100
120 4.4 3.2 4.8
236 27.4 21.0 31.6



#77
Benzidine
Concen: 5.110 ng
RT: 19.926 min Scan# 2883
Delta R.T. 0.361 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion:184 Resp: 8746
Ion Ratio Lower Upper
184 100
185 20.0 12.0 18.0#
183 0.0 10.9 16.3#

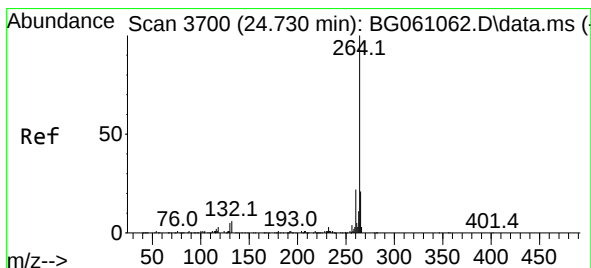
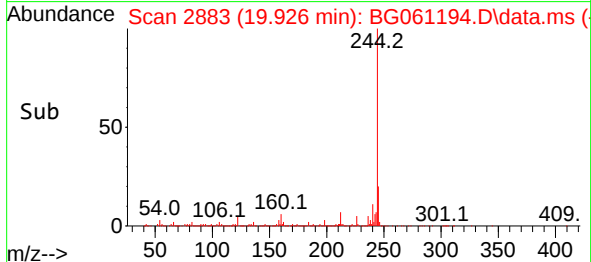
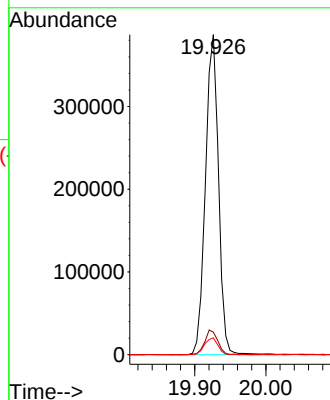
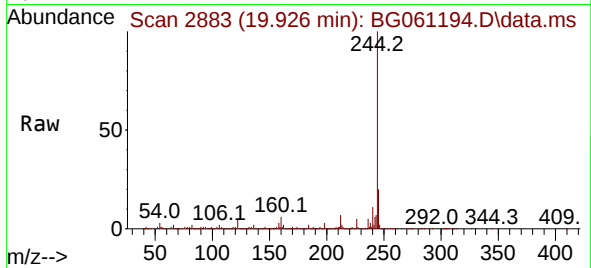




#79
 Terphenyl-d14
 Concen: 44.056 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061194.D
 Acq: 14 May 2024 17:57

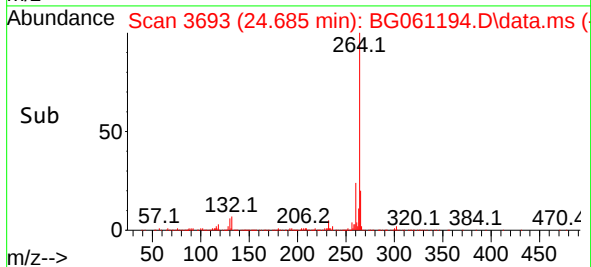
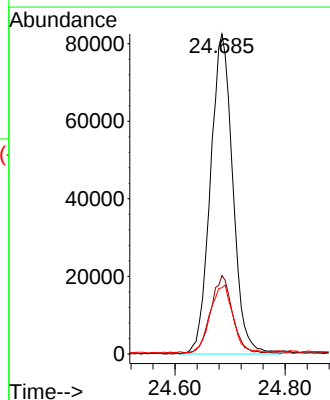
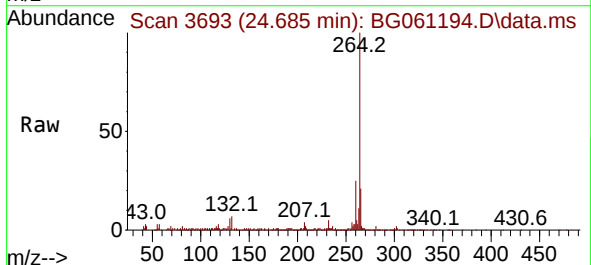
Instrument :
 BNA_G
 ClientSampleId :
 MH-A

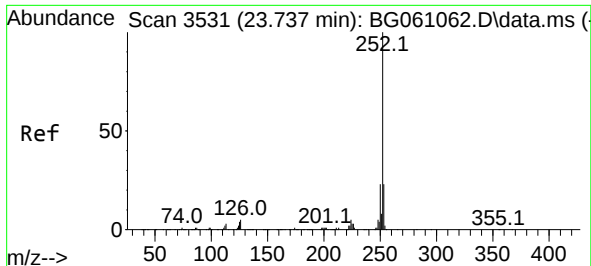
Tgt Ion:244 Resp: 495362
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.2 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.685 min Scan# 3693
 Delta R.T. -0.045 min
 Lab File: BG061194.D
 Acq: 14 May 2024 17:57

Tgt Ion:264 Resp: 232948
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.7 26.5
 265 20.7 16.4 24.6

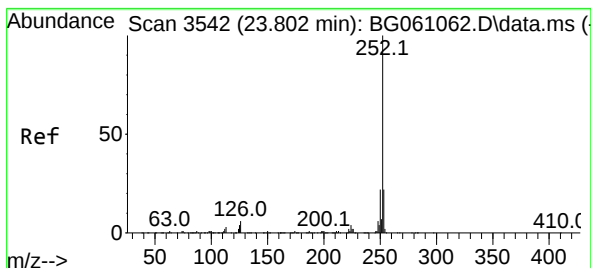
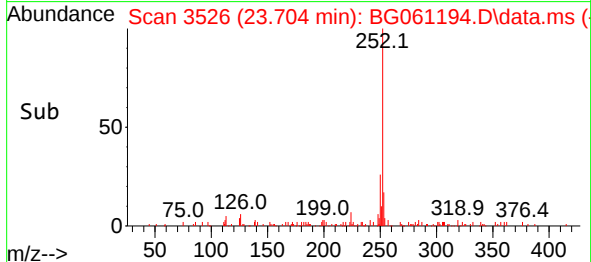
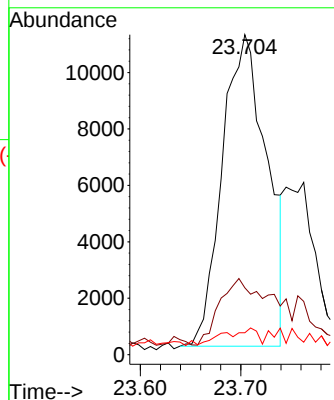
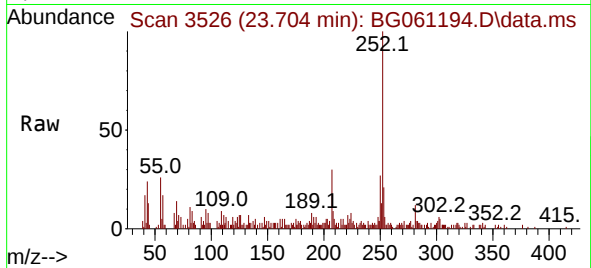




#88
Benzo(b)fluoranthene
Concen: 2.611 ng
RT: 23.704 min Scan# 3526
Delta R.T. -0.033 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

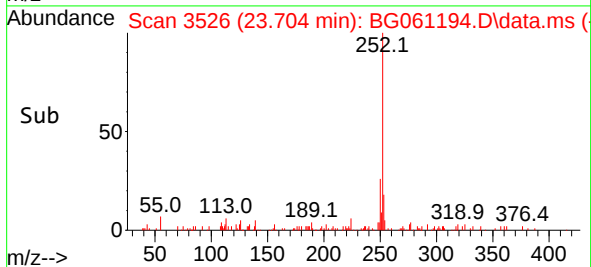
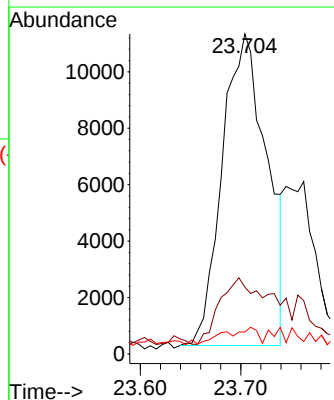
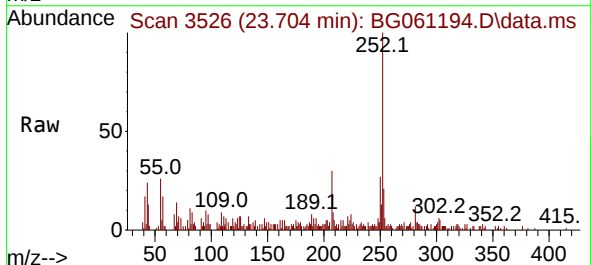
Instrument :
BNA_G
ClientSampleId :
MH-A

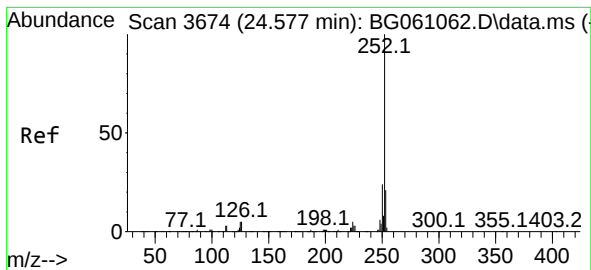
Tgt Ion:252 Resp: 33992
Ion Ratio Lower Upper
252 100
253 20.9 18.2 27.2
125 6.9 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 2.714 ng
RT: 23.704 min Scan# 3526
Delta R.T. -0.098 min
Lab File: BG061194.D
Acq: 14 May 2024 17:57

Tgt Ion:252 Resp: 33992
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 6.9 3.2 4.8#





#90

Benzo(a)pyrene

Concen: 2.360 ng

RT: 24.532 min Scan# 30

Delta R.T. -0.045 min

Lab File: BG061194.D

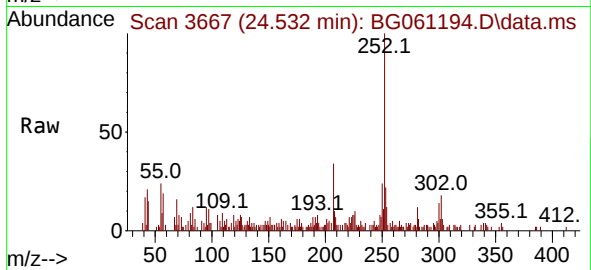
Acq: 14 May 2024 17:57

Instrument :

BNA_G

ClientSampleId :

MH-A



Tgt Ion:252 Resp: 26766

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

125 8.1 3.8 5.8#

