

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061219.D
 Acq On : 16 May 2024 13:55
 Operator : MA/JU
 Sample : P2454-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC

Quant Time: May 16 14:34:05 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)

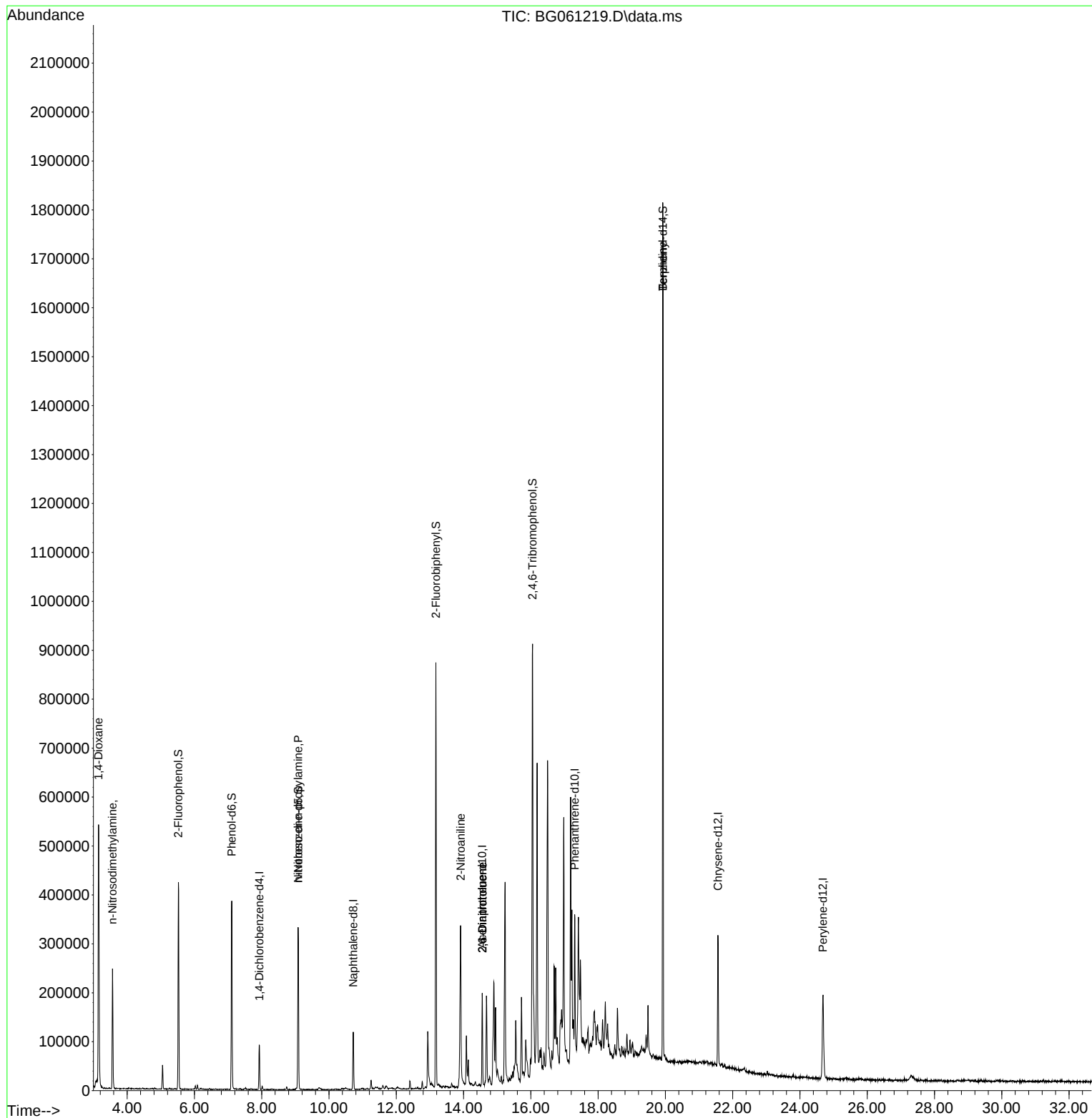
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	23446	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	88638	20.000	ng	#-0.03
39) Acenaphthene-d10	14.554	164	67679	20.000	ng	-0.03
64) Phenanthrene-d10	17.304	188	165115	20.000	ng	-0.03
76) Chrysene-d12	21.563	240	168148	20.000	ng	#-0.03
86) Perylene-d12	24.683	264	201209	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	149764	129.907	ng	-0.02
7) Phenol-d6	7.110	99	173991	102.021	ng	-0.02
23) Nitrobenzene-d5	9.084	82	165465	92.539	ng	-0.03
42) 2,4,6-Tribromophenol	16.052	330	188430	139.290	ng	-0.02
45) 2-Fluorobiphenyl	13.179	172	435689	95.193	ng	-0.03
79) Terphenyl-d14	19.924	244	901032	89.121	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	4796	10.289	ng	# 1
4) n-Nitrosodimethylamine	3.567	42	38487	29.204	ng	# 26
9) Benzaldehyde	7.116	77	266	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.084	70	24156	18.927	ng	# 61
48) 2-Nitroaniline	13.914	65	12149	9.422	ng	# 36
51) 2,6-Dinitrotoluene	14.560	165	8558	7.654	ng	# 15
57) 2,4-Dinitrotoluene	14.560	165	8558	5.173	ng	# 17
77) Benzidine	19.924	184	14796	7.150	ng	# 94

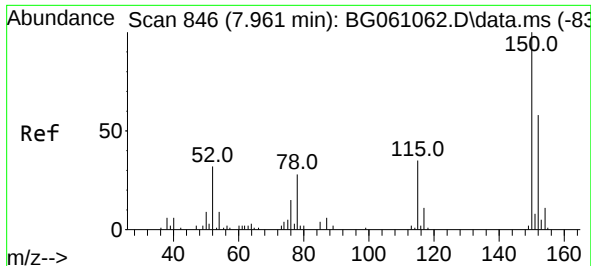
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061219.D
Acq On : 16 May 2024 13:55
Operator : MA/JU
Sample : P2454-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

Quant Time: May 16 14:34:05 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

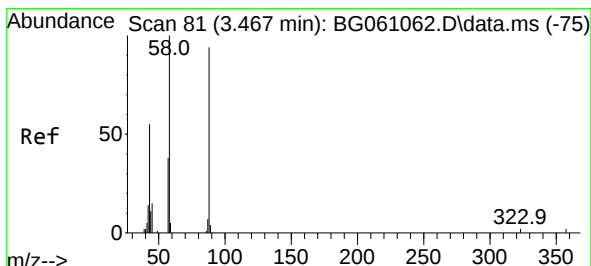
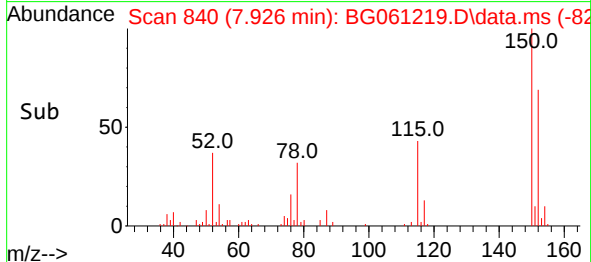
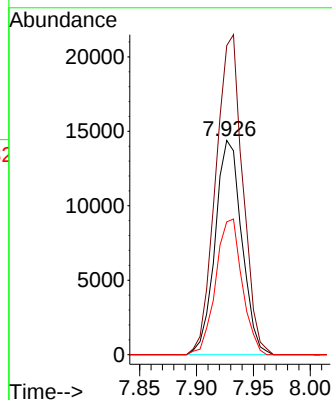
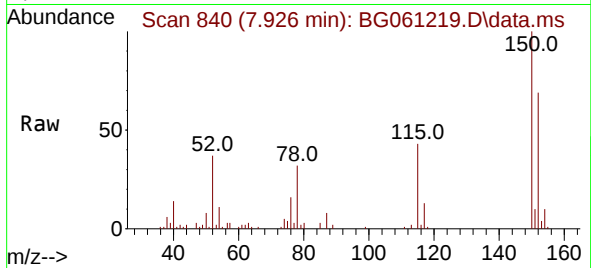




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.926 min Scan# 84
 Delta R.T. -0.035 min
 Lab File: BG061219.D
 Acq: 16 May 2024 13:55

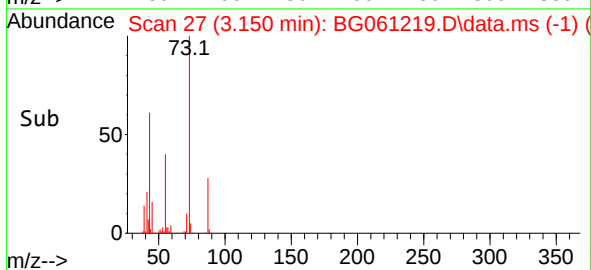
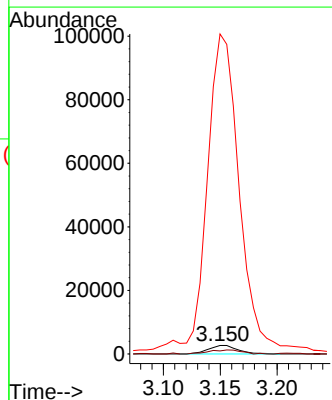
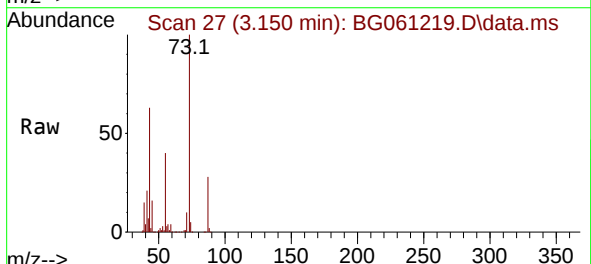
Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC

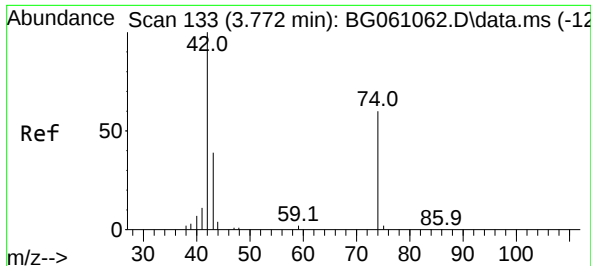
Tgt Ion:152 Resp: 23446
 Ion Ratio Lower Upper
 152 100
 150 144.3 138.3 207.5
 115 62.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 10.289 ng
 RT: 3.150 min Scan# 27
 Delta R.T. -0.317 min
 Lab File: BG061219.D
 Acq: 16 May 2024 13:55

Tgt Ion: 88 Resp: 4796
 Ion Ratio Lower Upper
 88 100
 58 53.6 81.2 121.8#
 43 4164.1 45.0 67.4#

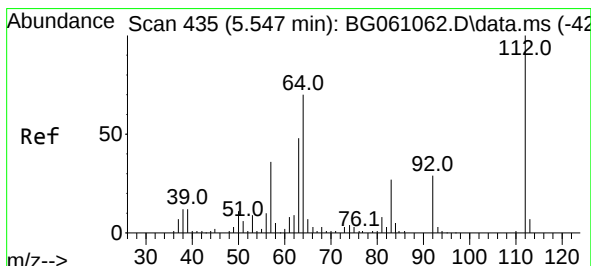
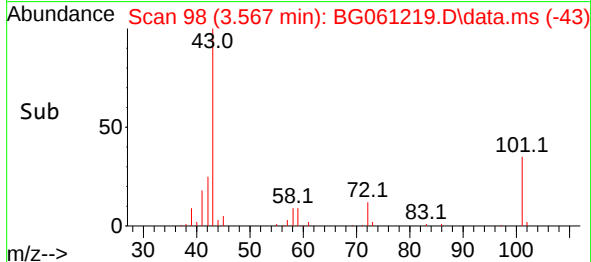
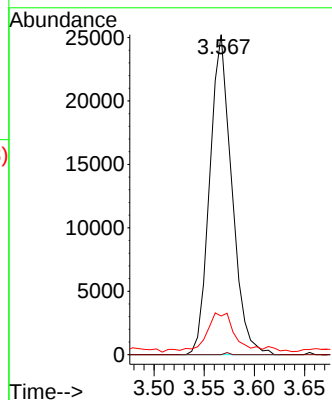
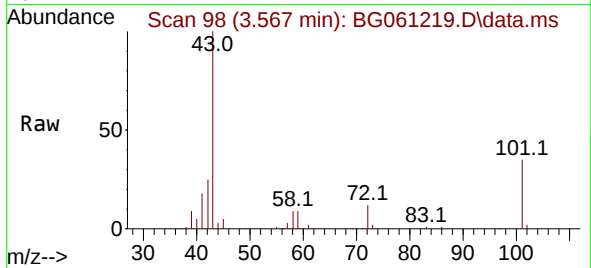




#4
 n-Nitrosodimethylamine
 Concen: 29.204 ng
 RT: 3.567 min Scan# 91
 Delta R.T. -0.205 min
 Lab File: BG061219.D
 Acq: 16 May 2024 13:55

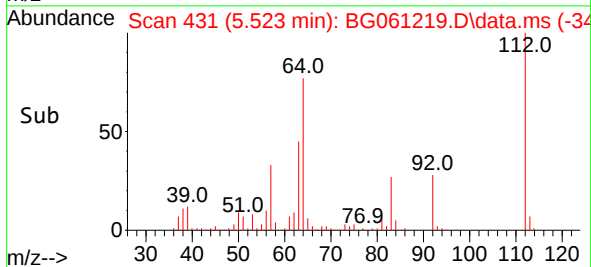
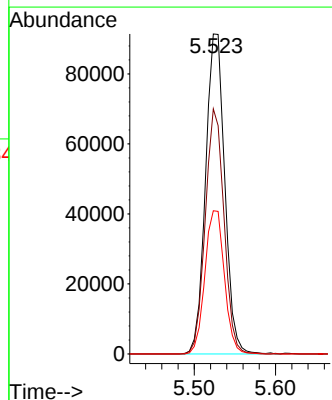
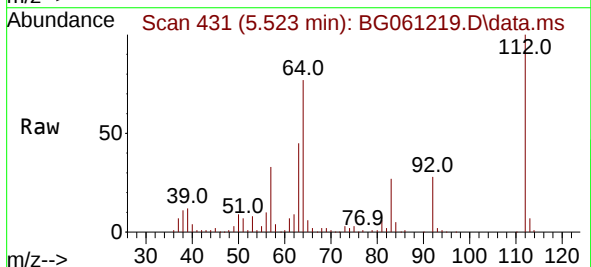
Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC

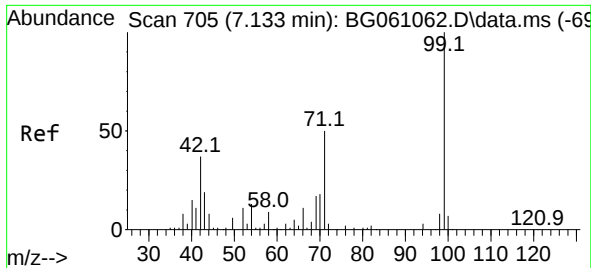
Tgt Ion: 42 Resp: 38487
 Ion Ratio Lower Upper
 42 100
 74 0.0 47.8 71.8#
 44 12.1 4.7 7.1#



#5
 2-Fluorophenol
 Concen: 129.907 ng
 RT: 5.523 min Scan# 431
 Delta R.T. -0.023 min
 Lab File: BG061219.D
 Acq: 16 May 2024 13:55

Tgt Ion: 112 Resp: 149764
 Ion Ratio Lower Upper
 112 100
 64 76.6 55.7 83.5
 63 44.8 38.1 57.1

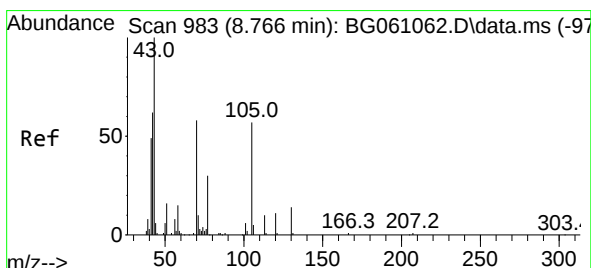
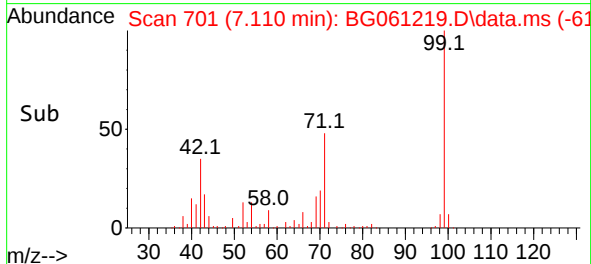
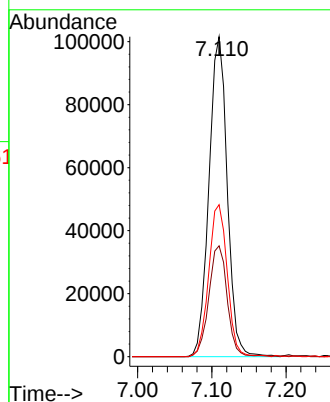
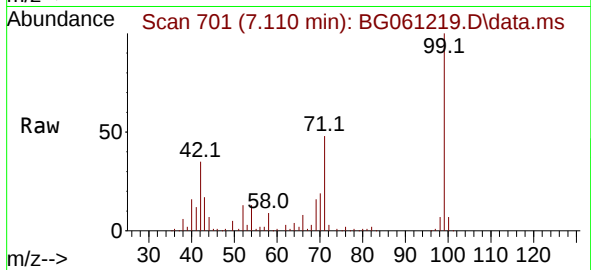




#7
Phenol-d6
Concen: 102.021 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

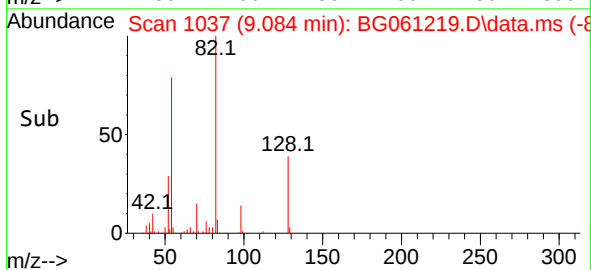
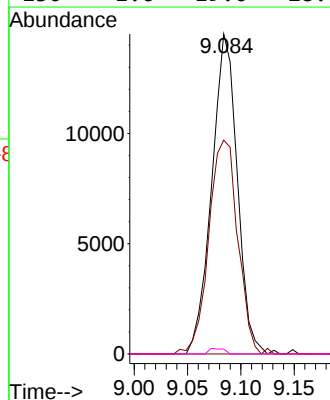
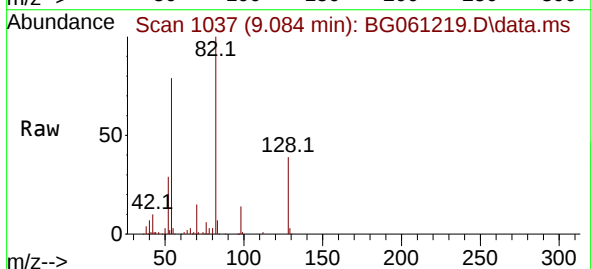
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

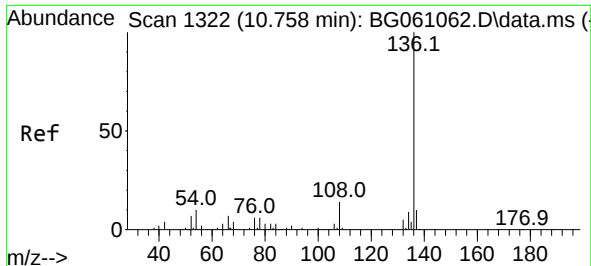
Tgt Ion: 99 Resp: 173991
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 47.5 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.927 ng
RT: 9.084 min Scan# 1037
Delta R.T. 0.318 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion: 70 Resp: 24156
Ion Ratio Lower Upper
70 100
42 66.8 86.4 129.6#
101 0.0 7.8 11.8#
130 1.6 19.0 28.4#

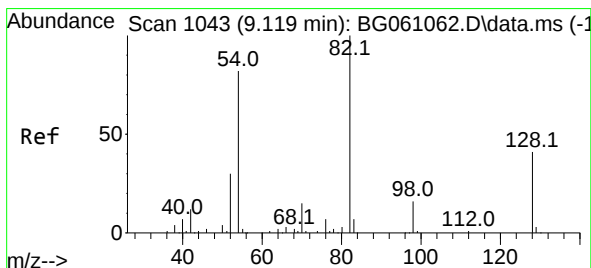
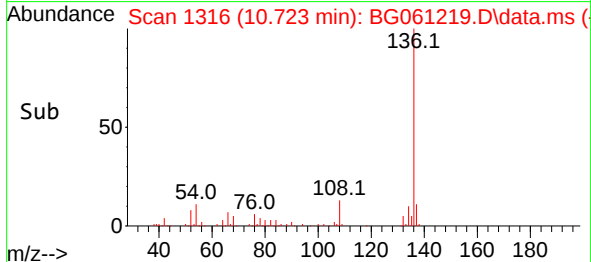
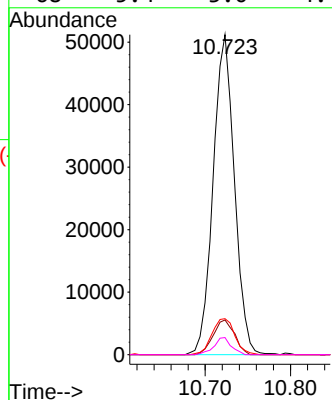
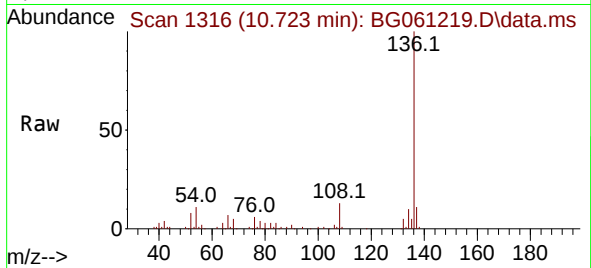




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.035 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

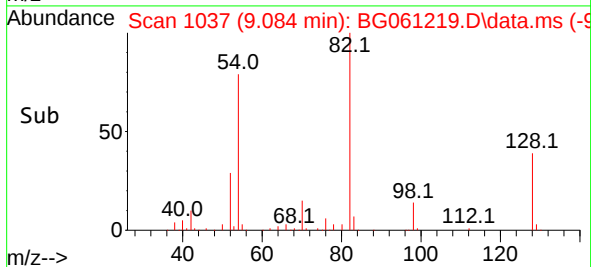
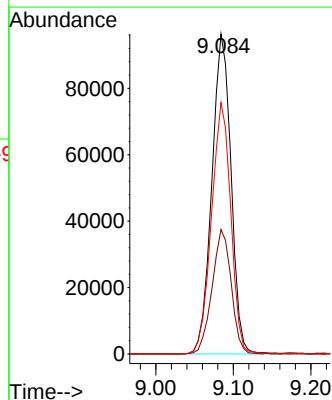
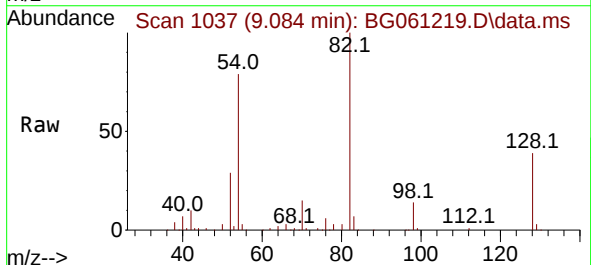
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

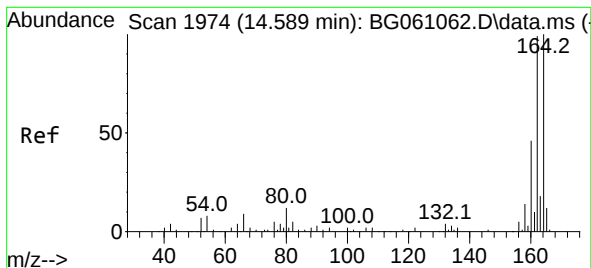
Tgt Ion:	136	Resp:	88638
Ion Ratio	Lower	Upper	
136	100		
137	10.9	7.8	11.6
54	11.2	8.1	12.1
68	5.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 92.539 ng
RT: 9.084 min Scan# 1037
Delta R.T. -0.035 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:	82	Resp:	165465
Ion Ratio	Lower	Upper	
82	100		
128	38.9	32.7	49.1
54	78.6	65.6	98.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1968

Delta R.T. -0.035 min

Lab File: BG061219.D

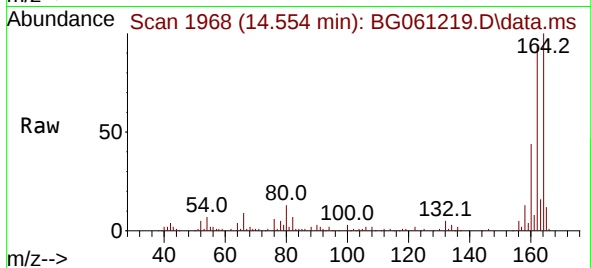
Acq: 16 May 2024 13:55

Instrument :

BNA_G

ClientSampleId :

SP25-06-20240510-WC



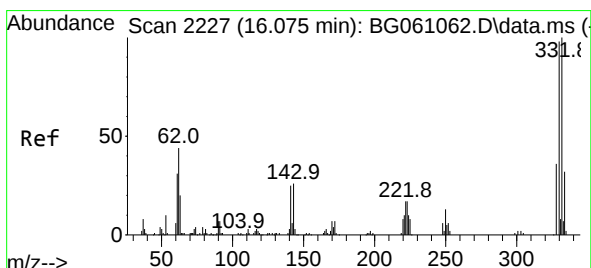
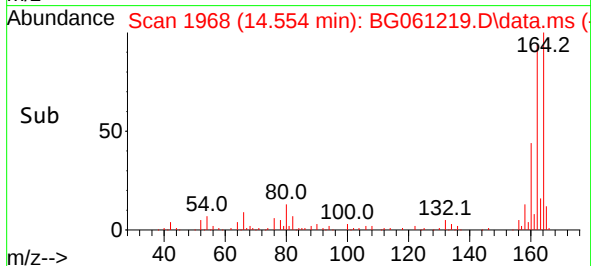
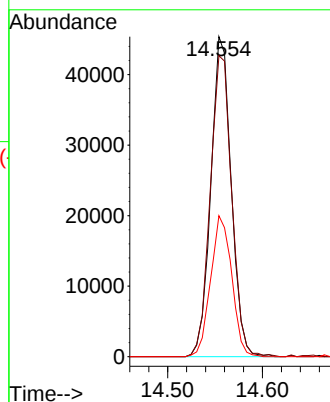
Tgt Ion:164 Resp: 67679

Ion Ratio Lower Upper

164 100

162 94.1 79.4 119.2

160 44.1 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 139.290 ng

RT: 16.052 min Scan# 2223

Delta R.T. -0.023 min

Lab File: BG061219.D

Acq: 16 May 2024 13:55

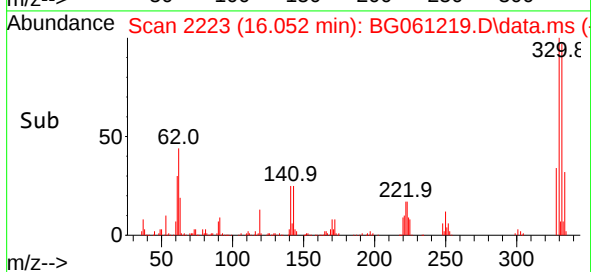
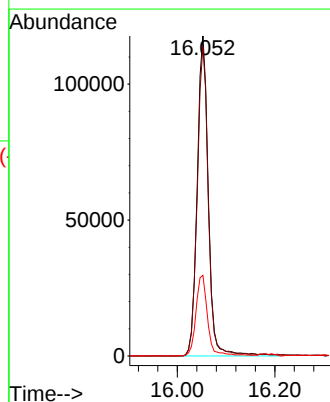
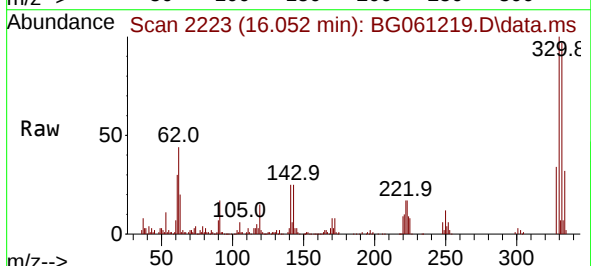
Tgt Ion:330 Resp: 188430

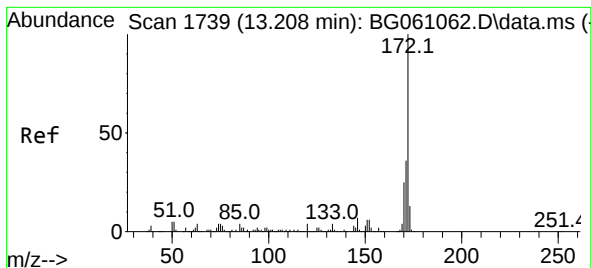
Ion Ratio Lower Upper

330 100

332 95.0 78.6 117.8

141 26.0 20.5 30.7

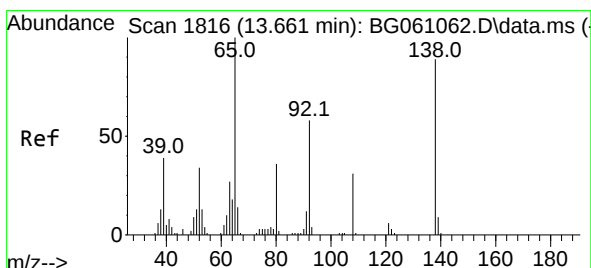
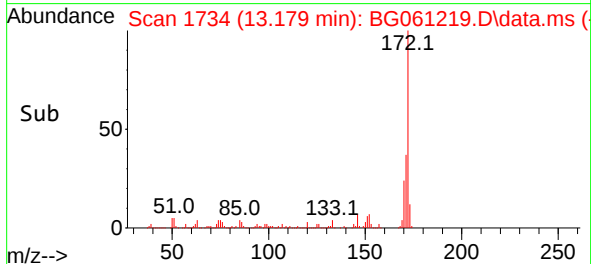
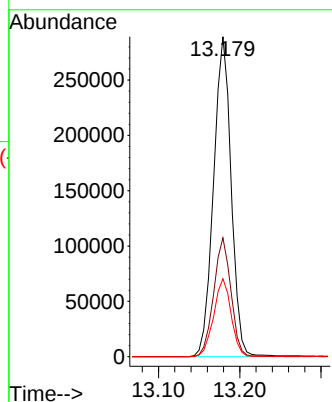
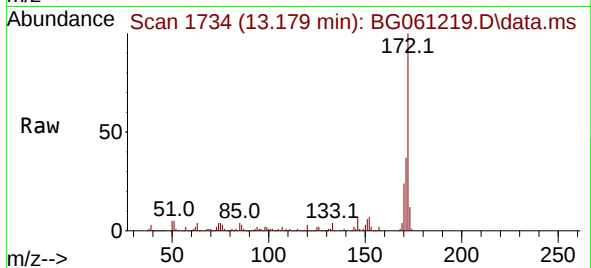




#45
2-Fluorobiphenyl
Concen: 95.193 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

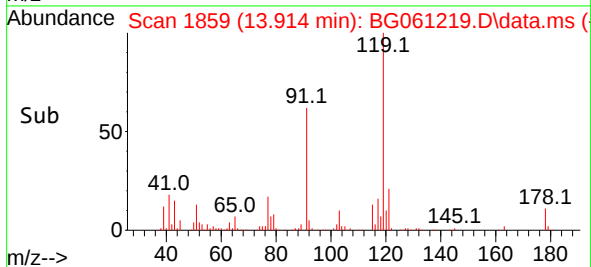
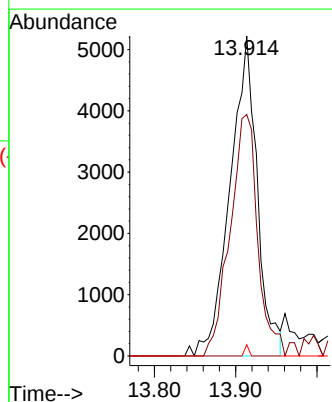
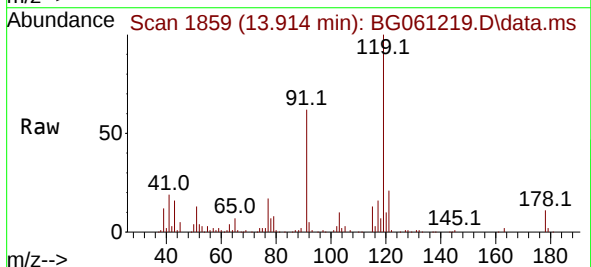
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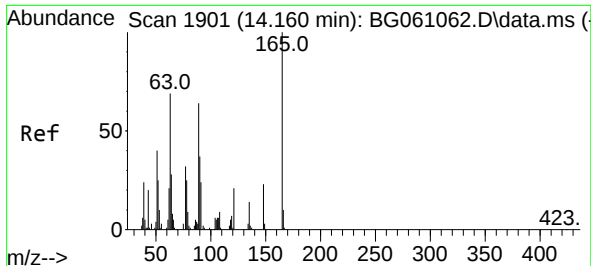
Tgt Ion:172 Resp: 435689
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.6
170 24.4 20.2 30.4



#48
2-Nitroaniline
Concen: 9.422 ng
RT: 13.914 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion: 65 Resp: 12149
Ion Ratio Lower Upper
65 100
92 75.5 46.7 70.1#
138 3.5 71.4 107.2#

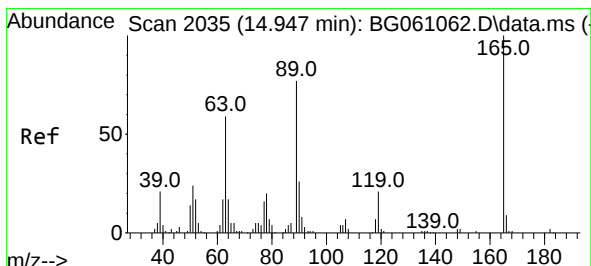
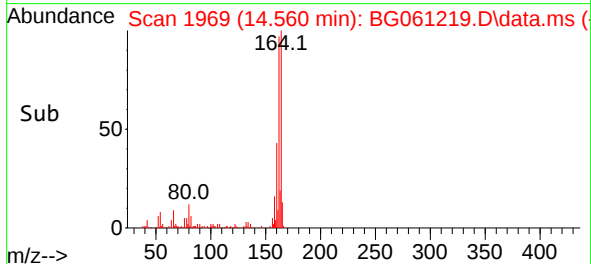
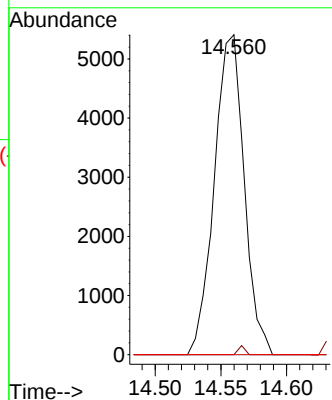
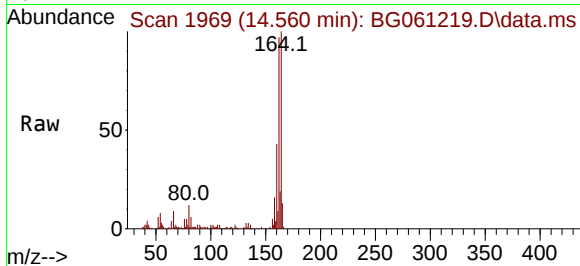




#51
2,6-Dinitrotoluene
Concen: 7.654 ng
RT: 14.560 min Scan# 1901
Delta R.T. 0.400 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

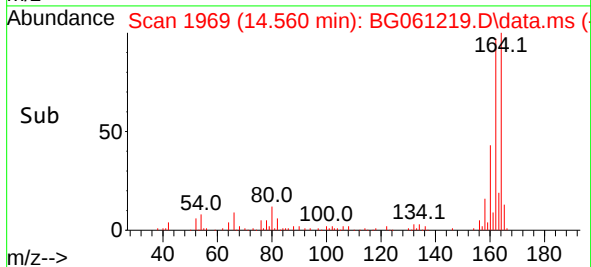
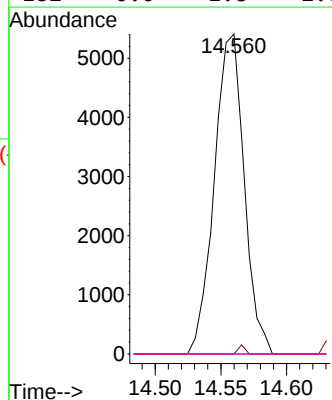
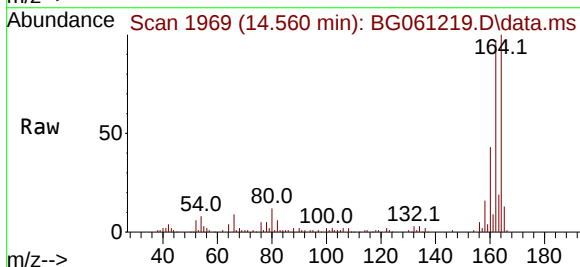
Instrument :
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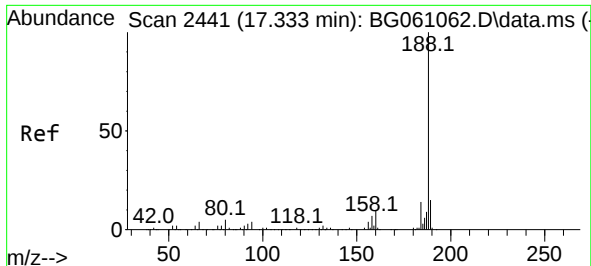
Tgt Ion:165 Resp: 8558
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.173 ng
RT: 14.560 min Scan# 1969
Delta R.T. -0.387 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:165 Resp: 8558
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#

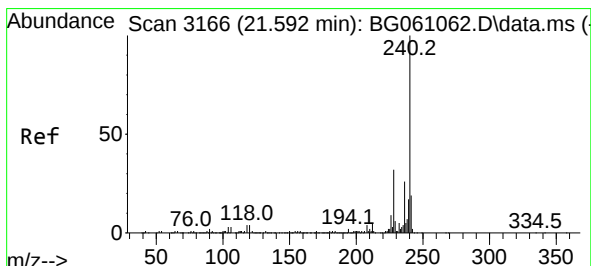
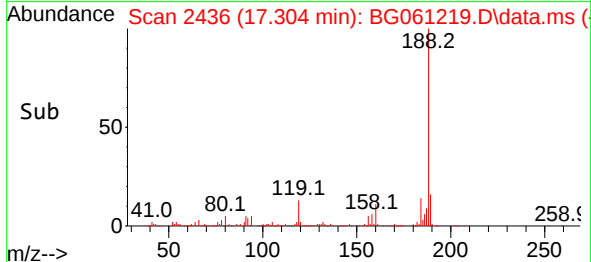
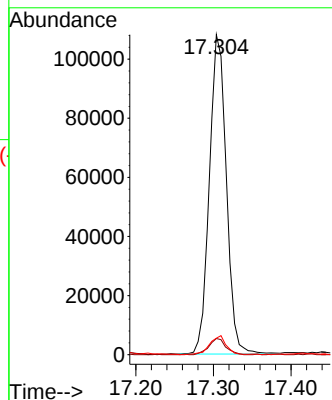
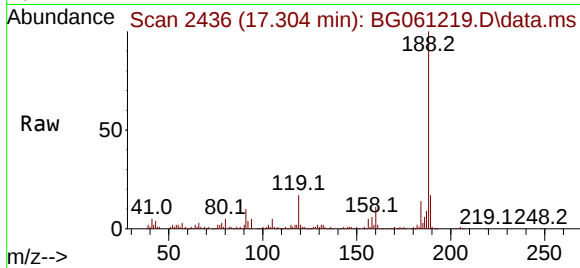




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2441
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

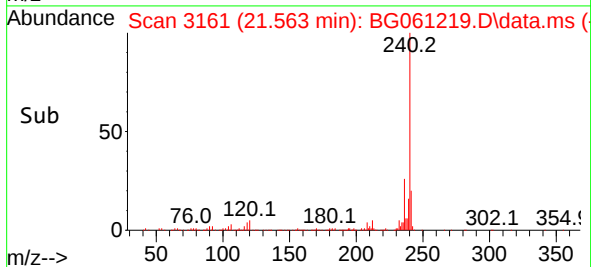
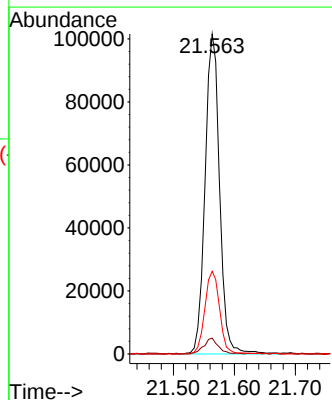
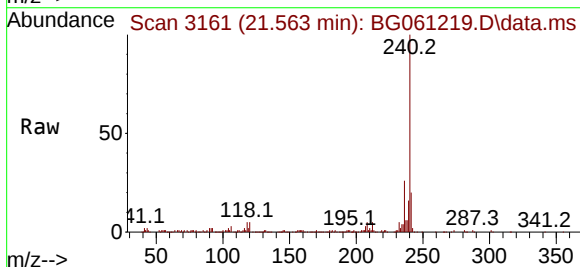
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

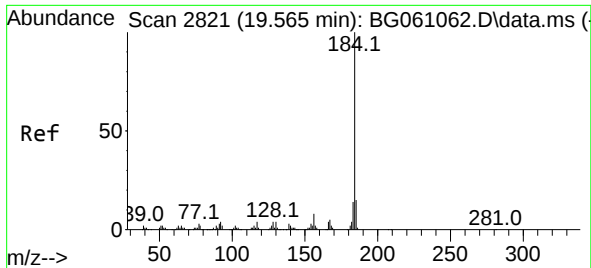
Tgt Ion:188 Resp: 165115
Ion Ratio Lower Upper
188 100
94 5.1 3.6 5.4
80 5.2 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3161
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:240 Resp: 168148
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 25.8 21.0 31.6

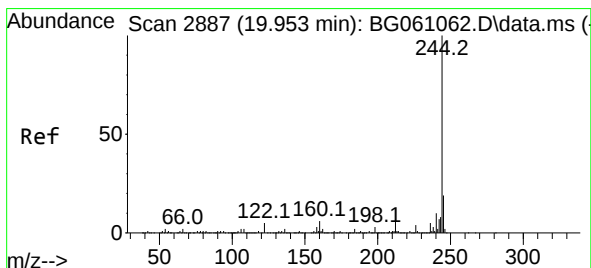
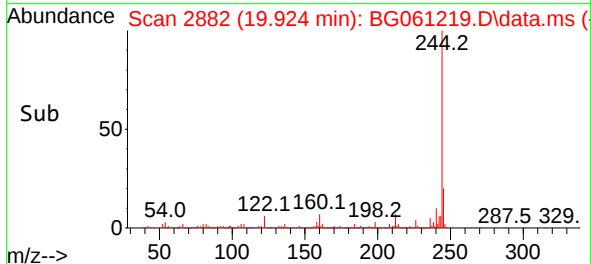
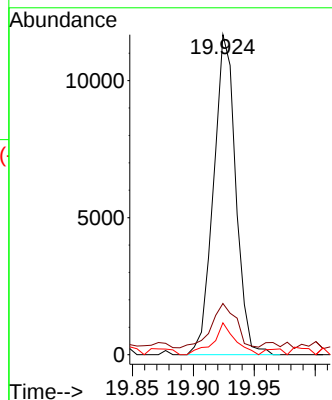
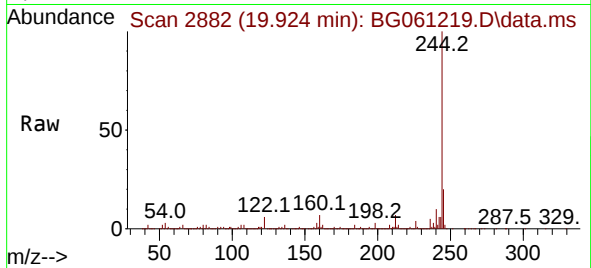




#77
Benzidine
Concen: 7.150 ng
RT: 19.924 min Scan# 2882
Delta R.T. 0.359 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

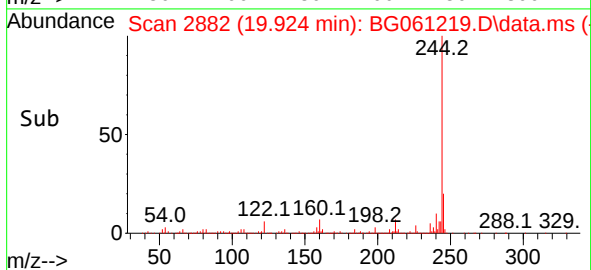
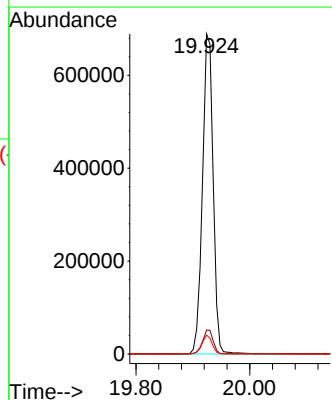
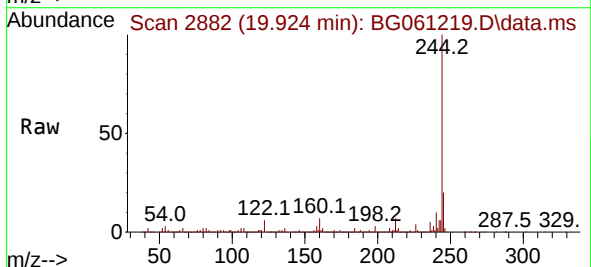
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

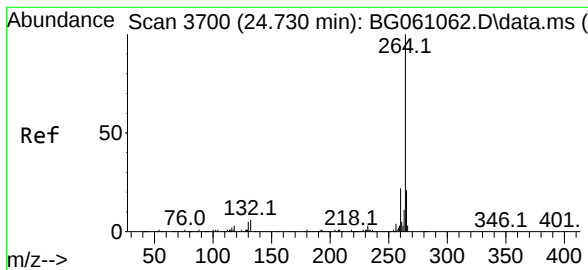
Tgt Ion:184 Resp: 14796
Ion Ratio Lower Upper
184 100
185 16.0 12.0 18.0
183 9.9 10.9 16.3#



#79
Terphenyl-d14
Concen: 89.121 ng
RT: 19.924 min Scan# 2882
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

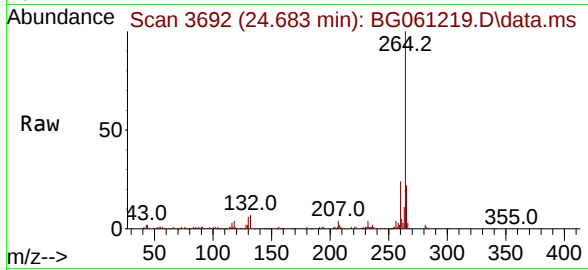
Tgt Ion:244 Resp: 901032
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.9 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.683 min Scan# 30
 Delta R.T. -0.047 min
 Lab File: BG061219.D
 Acq: 16 May 2024 13:55

Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC



Tgt Ion:	264	Resp:	201209
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.7	26.5
265	22.2	16.4	24.6

