

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061167.D
 Acq On : 10 May 2024 17:39
 Operator : MA/JU
 Sample : P2432-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-01-011

Quant Time: May 10 18:37:53 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)

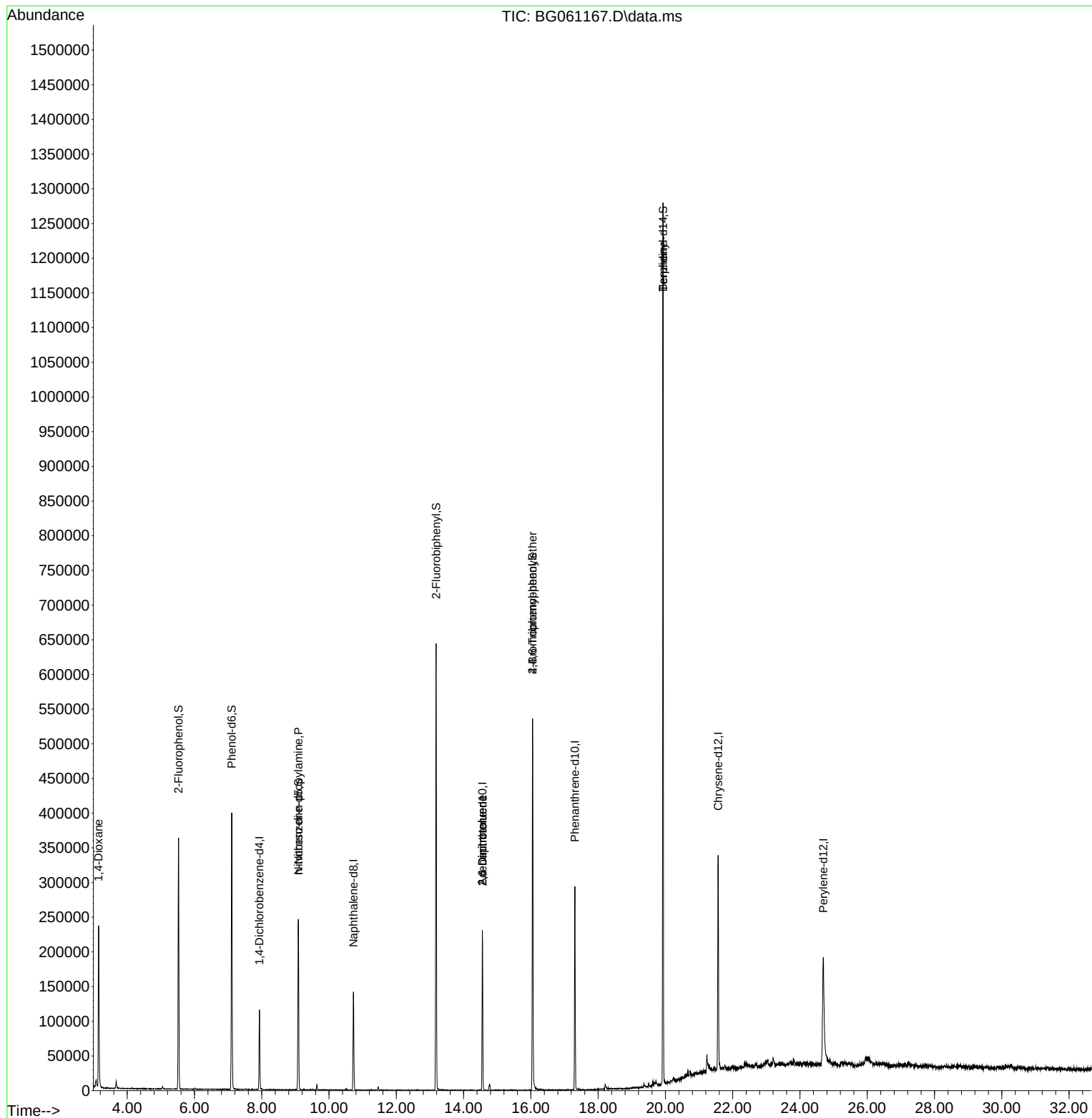
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	28651	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	110671	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	84527	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	188240	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	190371	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	224828	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	130007	92.283	ng	-0.02
7) Phenol-d6	7.107	99	175771	84.341	ng	-0.03
23) Nitrobenzene-d5	9.087	82	124861	55.928	ng	-0.03
42) 2,4,6-Tribromophenol	16.049	330	122298	72.385	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	335070	58.617	ng	-0.03
79) Terphenyl-d14	19.927	244	635959	55.559	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.147	88	1875	3.292	ng	# 1
9) Benzaldehyde	7.107	77	290	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.087	70	19101	12.247	ng	# 61
51) 2,6-Dinitrotoluene	14.557	165	10845	7.766	ng	# 15
57) 2,4-Dinitrotoluene	14.557	165	10845	5.249	ng	# 17
67) 4-Bromophenyl-phenylether	16.049	248	7597	3.426	ng	# 1
77) Benizidine	19.927	184	10153	5.435	ng	# 88

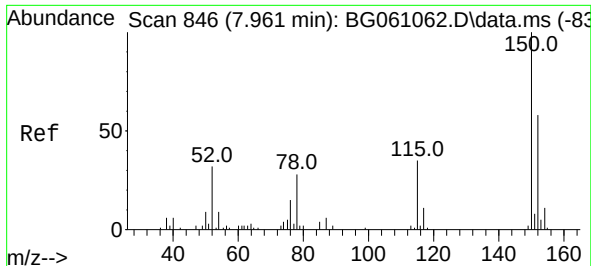
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
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Misc :
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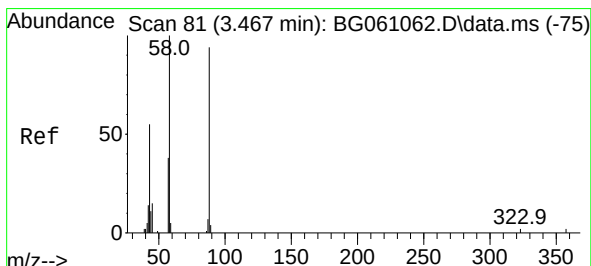
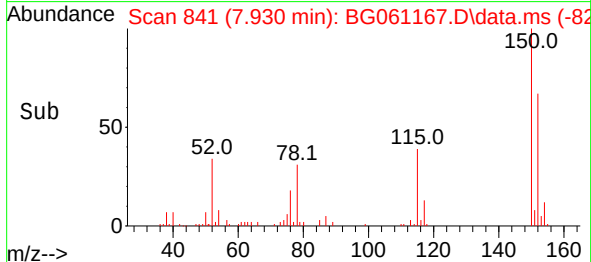
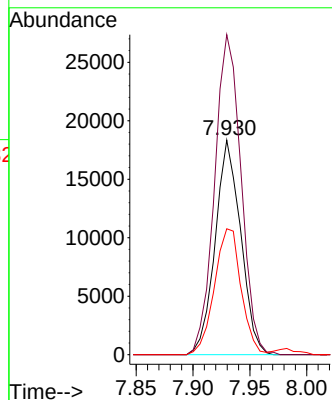
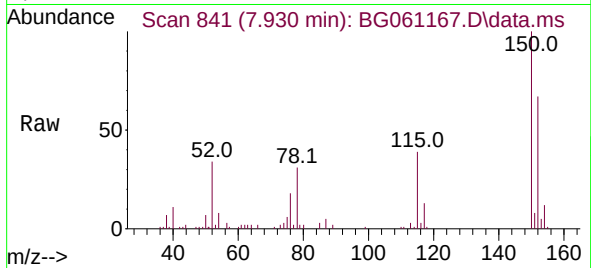




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.930 min Scan# 84
 Delta R.T. -0.031 min
 Lab File: BG061167.D
 Acq: 10 May 2024 17:39

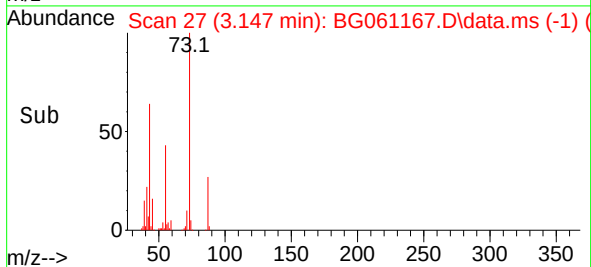
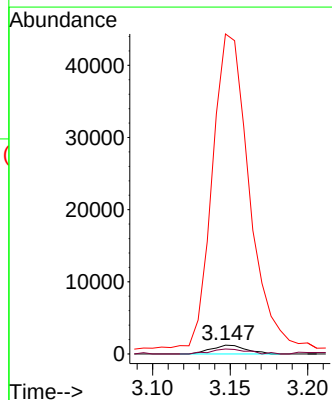
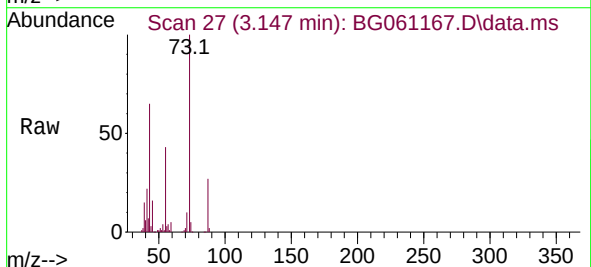
Instrument :
 BNA_G
 ClientSampleId :
 P-01-011

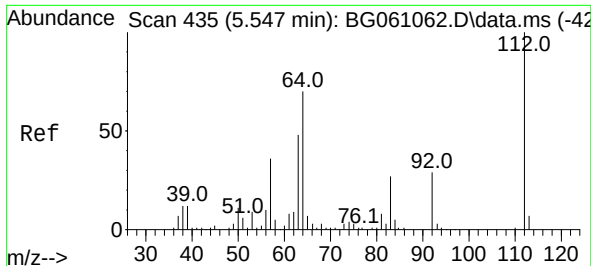
Tgt Ion:152 Resp: 28651
 Ion Ratio Lower Upper
 152 100
 150 149.1 138.3 207.5
 115 58.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 3.292 ng
 RT: 3.147 min Scan# 27
 Delta R.T. -0.320 min
 Lab File: BG061167.D
 Acq: 10 May 2024 17:39

Tgt Ion: 88 Resp: 1875
 Ion Ratio Lower Upper
 88 100
 58 60.7 81.2 121.8#
 43 4002.6 45.0 67.4#

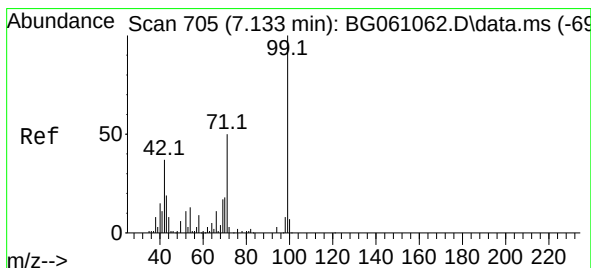
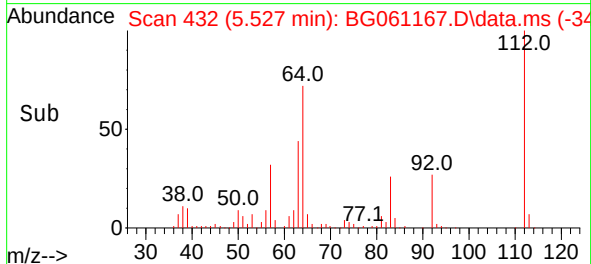
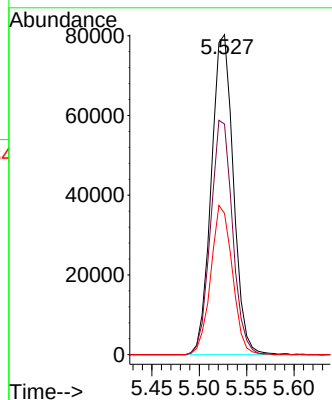
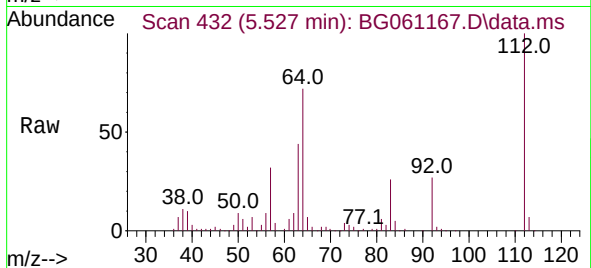




#5
2-Fluorophenol
Concen: 92.283 ng
RT: 5.527 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

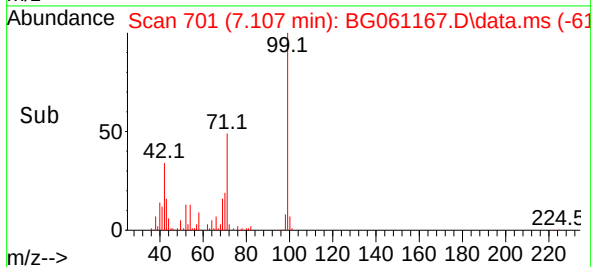
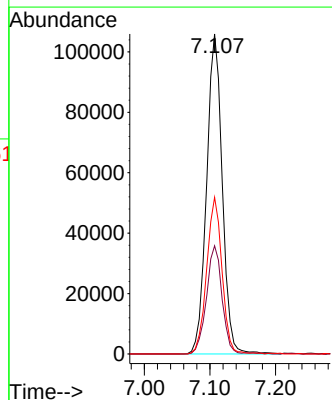
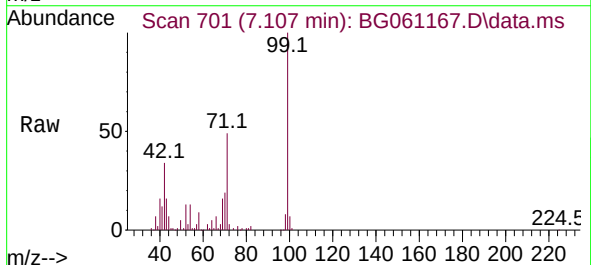
Instrument :
BNA_G
ClientSampleId :
P-01-011

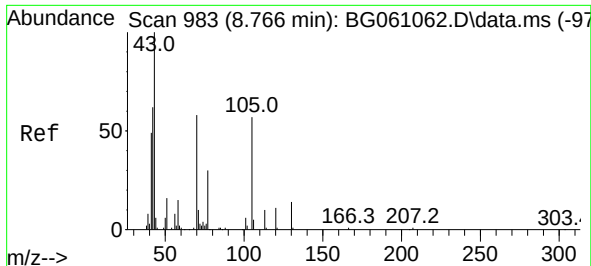
Tgt Ion:112 Resp: 130007
Ion Ratio Lower Upper
112 100
64 72.0 55.7 83.5
63 44.1 38.1 57.1



#7
Phenol-d6
Concen: 84.341 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion: 99 Resp: 175771
Ion Ratio Lower Upper
99 100
42 33.8 29.2 43.8
71 49.0 39.7 59.5

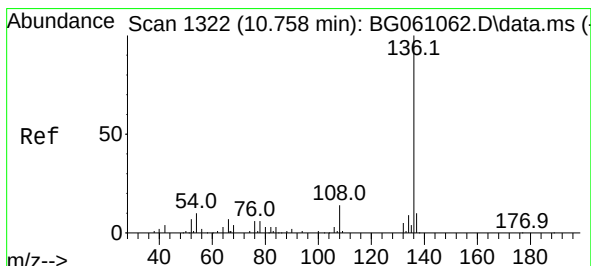
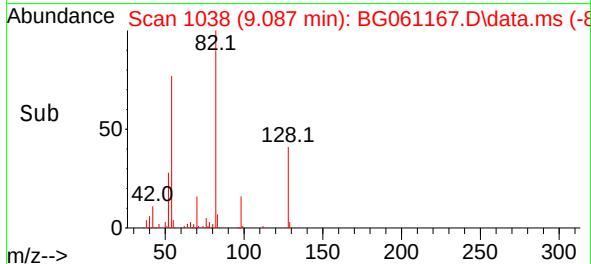
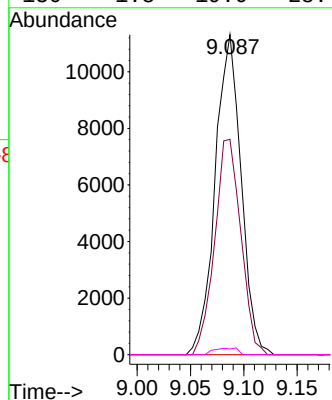
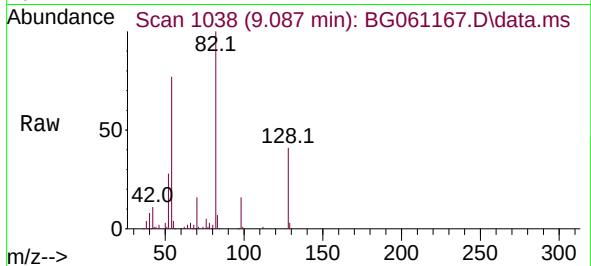




#19
n-Nitroso-di-n-propylamine
Concen: 12.247 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

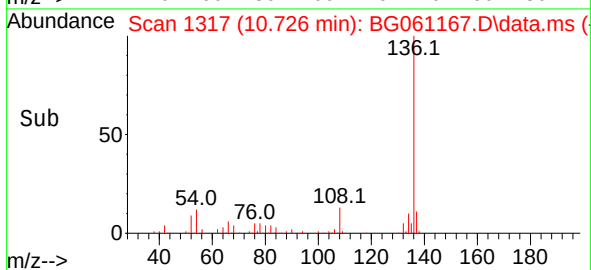
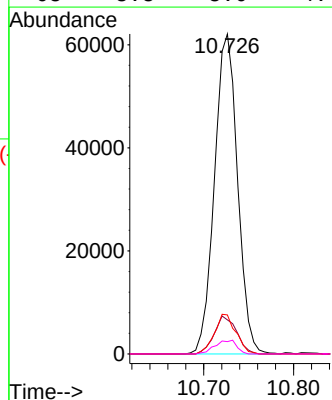
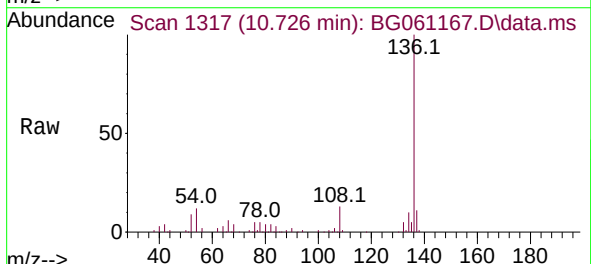
Instrument :
BNA_G
ClientSampleId :
P-01-011

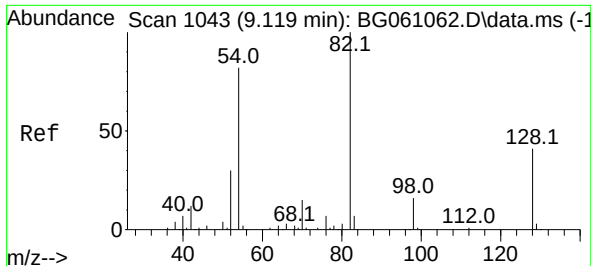
Tgt Ion: 70 Resp: 19101
Ion Ratio Lower Upper
70 100
42 67.3 86.4 129.6#
101 0.0 7.8 11.8#
130 1.8 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:136 Resp: 110671
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 12.2 8.1 12.1#
68 3.8 3.0 4.4

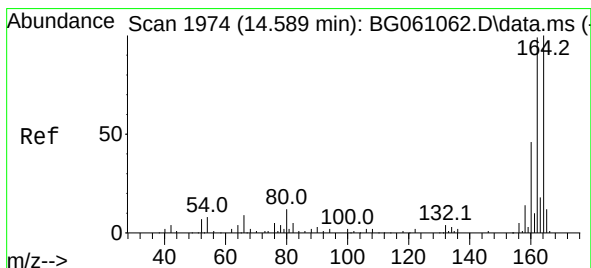
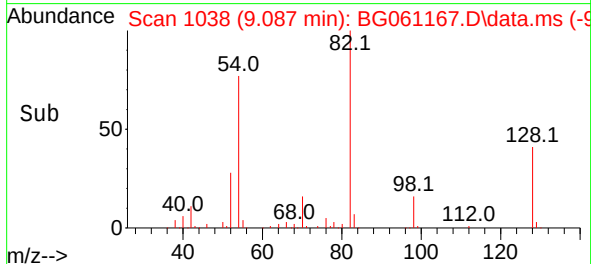
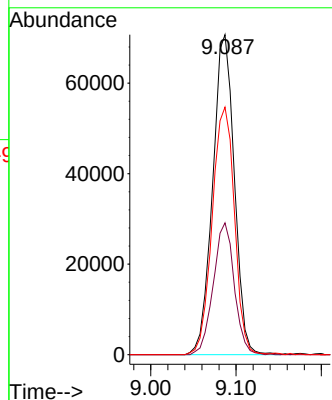
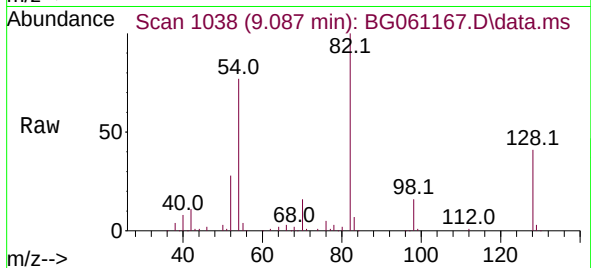




#23
Nitrobenzene-d5
Concen: 55.928 ng
RT: 9.087 min Scan# 1043
Delta R.T. -0.032 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

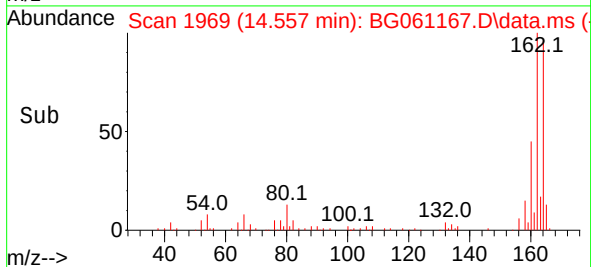
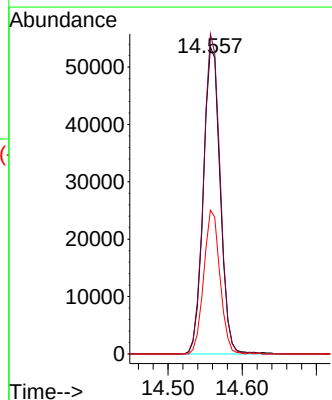
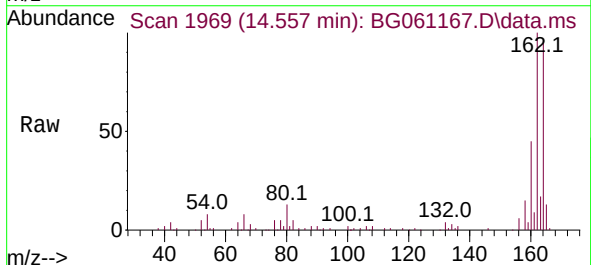
Instrument :
BNA_G
ClientSampleId :
P-01-011

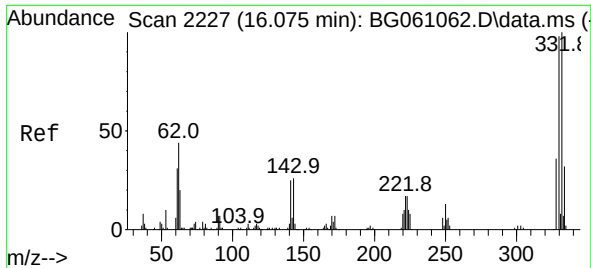
Tgt Ion: 82 Resp: 124861
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 77.4 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:164 Resp: 84527
Ion Ratio Lower Upper
164 100
162 104.2 79.4 119.2
160 46.8 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 72.385 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061167.D

Acq: 10 May 2024 17:39

Instrument :

BNA_G

ClientSampleId :

P-01-011

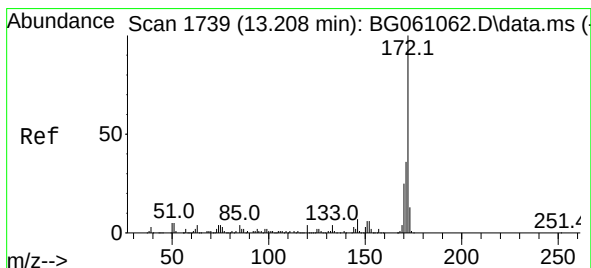
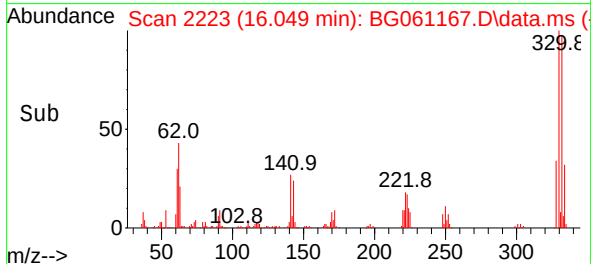
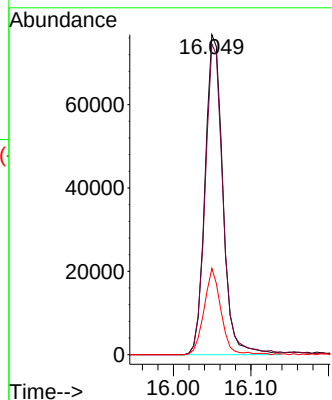
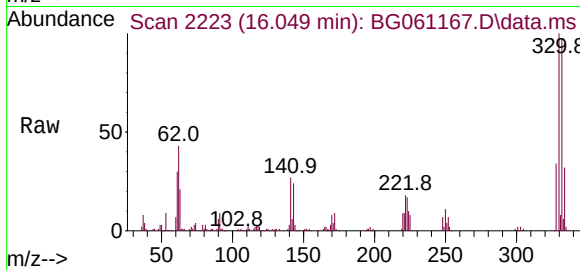
Tgt Ion:330 Resp: 122298

Ion Ratio Lower Upper

330 100

332 97.5 78.6 117.8

141 25.6 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 58.617 ng

RT: 13.182 min Scan# 1735

Delta R.T. -0.026 min

Lab File: BG061167.D

Acq: 10 May 2024 17:39

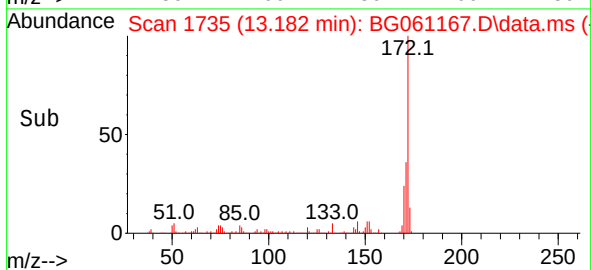
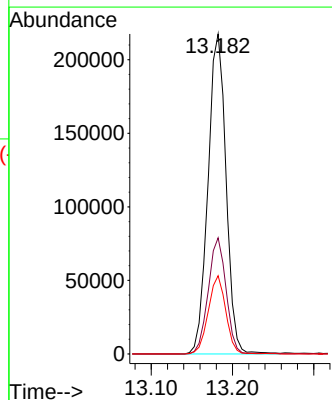
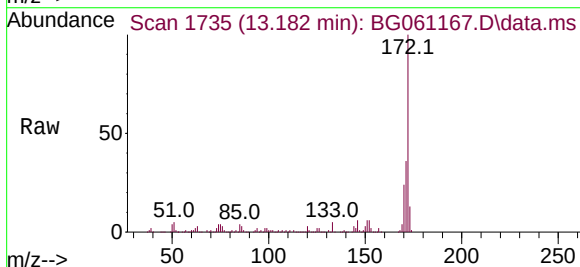
Tgt Ion:172 Resp: 335070

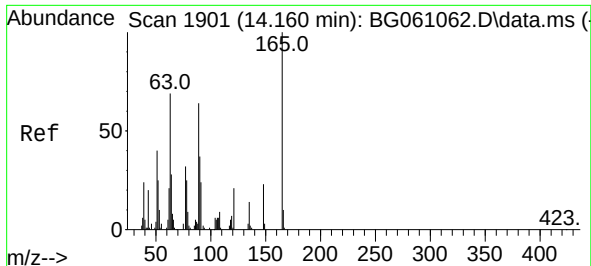
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 24.4 20.2 30.4

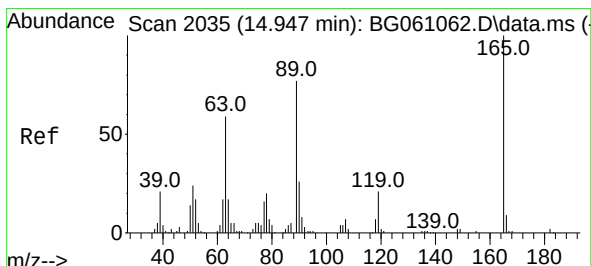
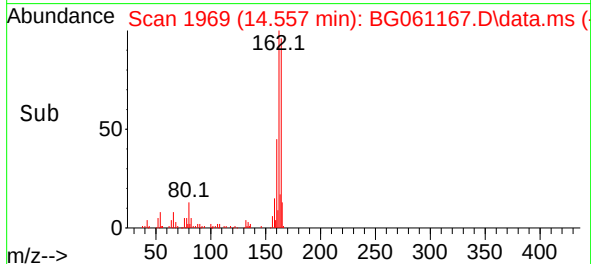
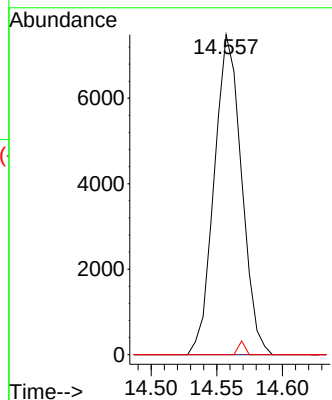
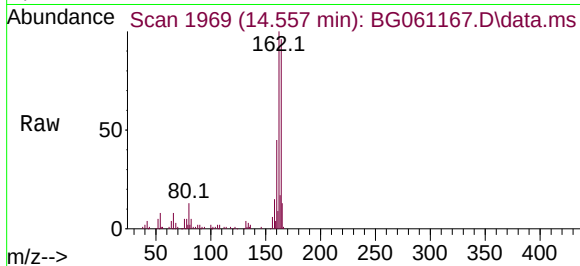




#51
2,6-Dinitrotoluene
Concen: 7.766 ng
RT: 14.557 min Scan# 1901
Delta R.T. 0.397 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

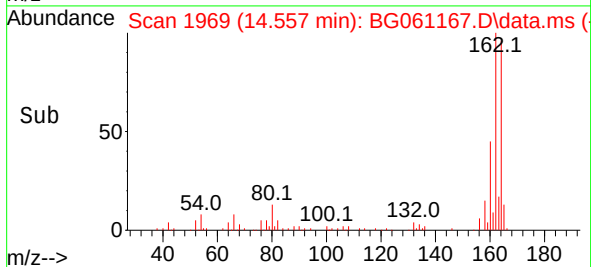
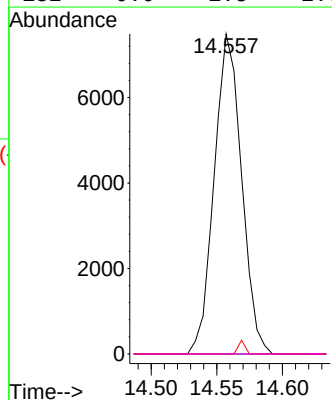
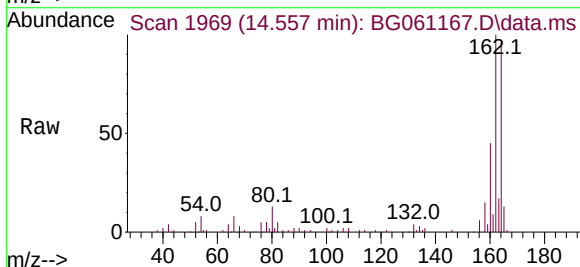
Instrument :
BNA_G
ClientSampleId :
P-01-011

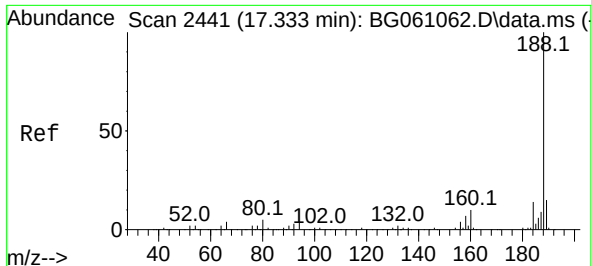
Tgt Ion:165 Resp: 10845
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.249 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:165 Resp: 10845
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#

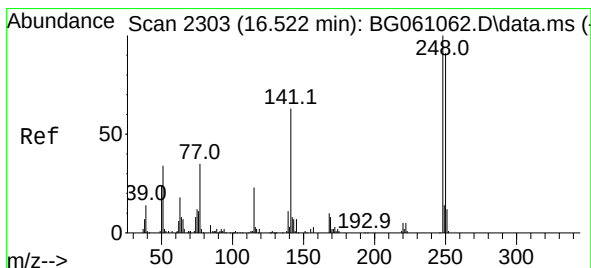
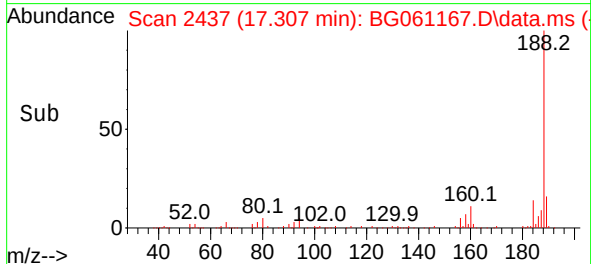
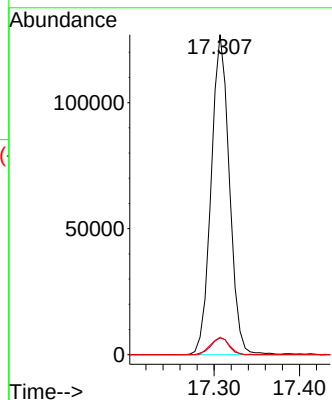
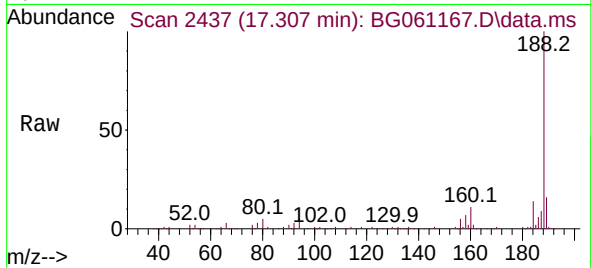




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

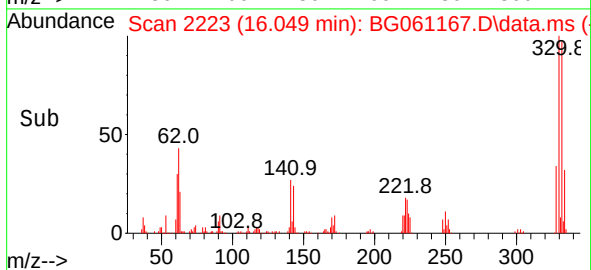
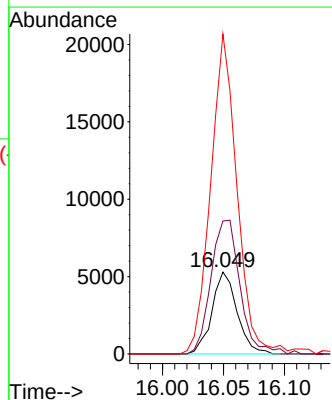
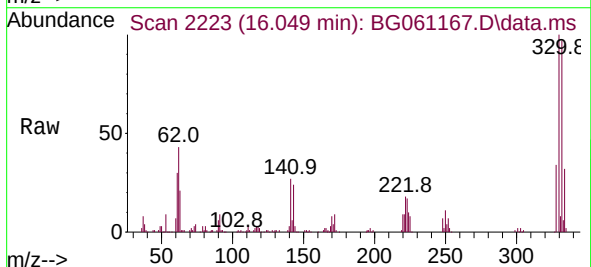
Instrument :
BNA_G
ClientSampleId :
P-01-011

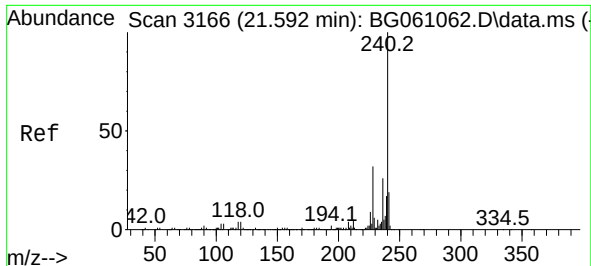
Tgt Ion:188 Resp: 188240
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 5.5 4.2 6.2



#67
4-Bromophenyl-phenylether
Concen: 3.426 ng
RT: 16.049 min Scan# 2223
Delta R.T. -0.472 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:248 Resp: 7597
Ion Ratio Lower Upper
248 100
250 162.5 73.0 109.4#
141 390.9 50.8 76.2#

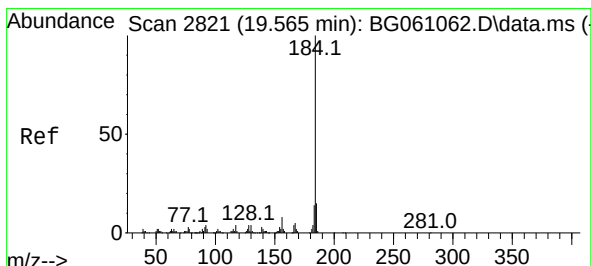
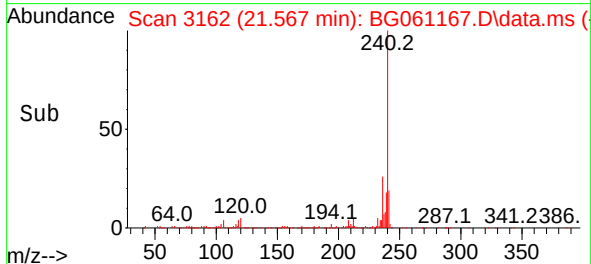
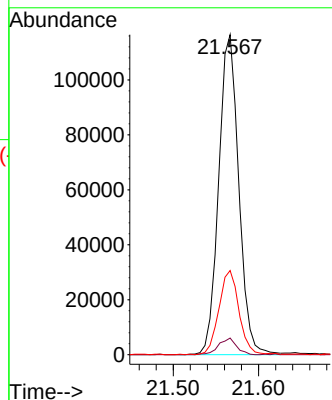
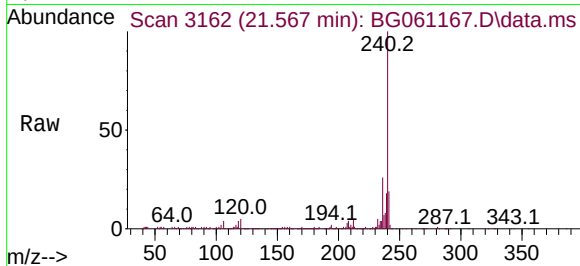




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

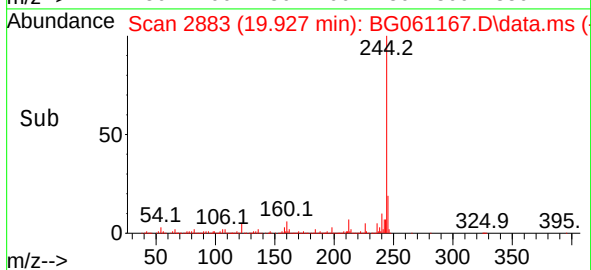
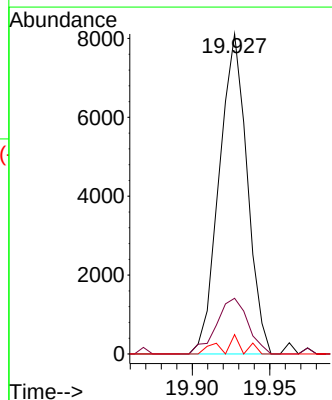
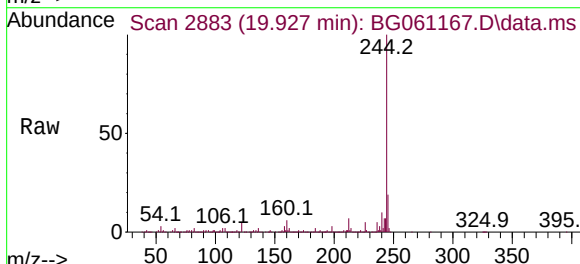
Instrument :
BNA_G
ClientSampleId :
P-01-011

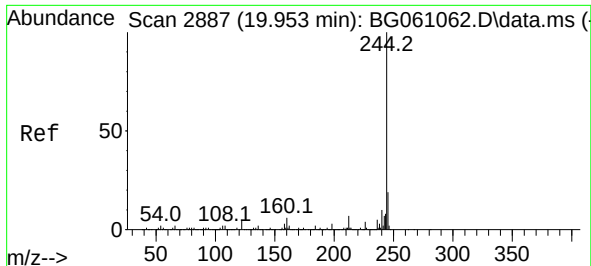
Tgt Ion:240 Resp: 190371
Ion Ratio Lower Upper
240 100
120 5.2 3.2 4.8#
236 26.3 21.0 31.6



#77
Benzidine
Concen: 5.435 ng
RT: 19.927 min Scan# 2883
Delta R.T. 0.362 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:184 Resp: 10153
Ion Ratio Lower Upper
184 100
185 17.4 12.0 18.0
183 6.0 10.9 16.3#

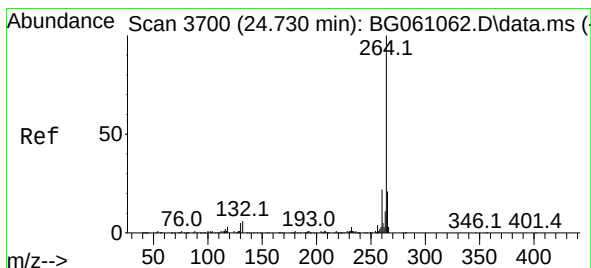
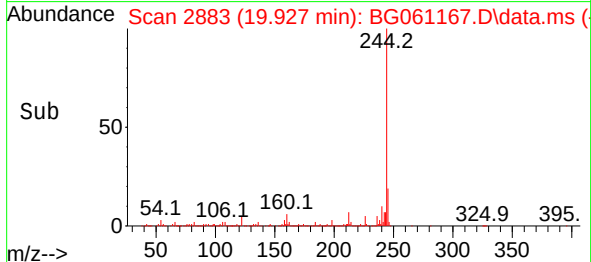
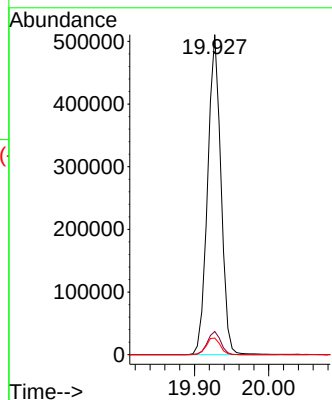
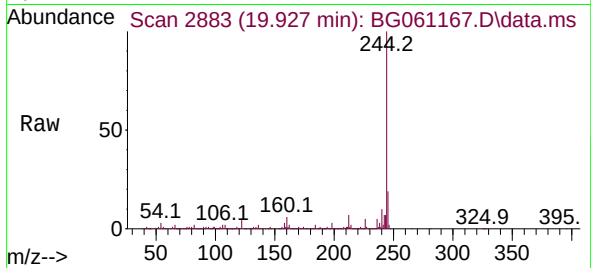




#79
Terphenyl-d14
Concen: 55.559 ng
RT: 19.927 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Instrument :
BNA_G
ClientSampleId :
P-01-011

Tgt Ion:244 Resp: 635959
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.2 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.038 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:264 Resp: 224828
Ion Ratio Lower Upper
264 100
260 23.1 17.7 26.5
265 22.3 16.4 24.6

