

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064138.D
 Acq On : 1 Apr 2025 17:04
 Operator : RC/JU
 Sample : Q1664-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-002-01

Quant Time: Apr 01 17:47:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

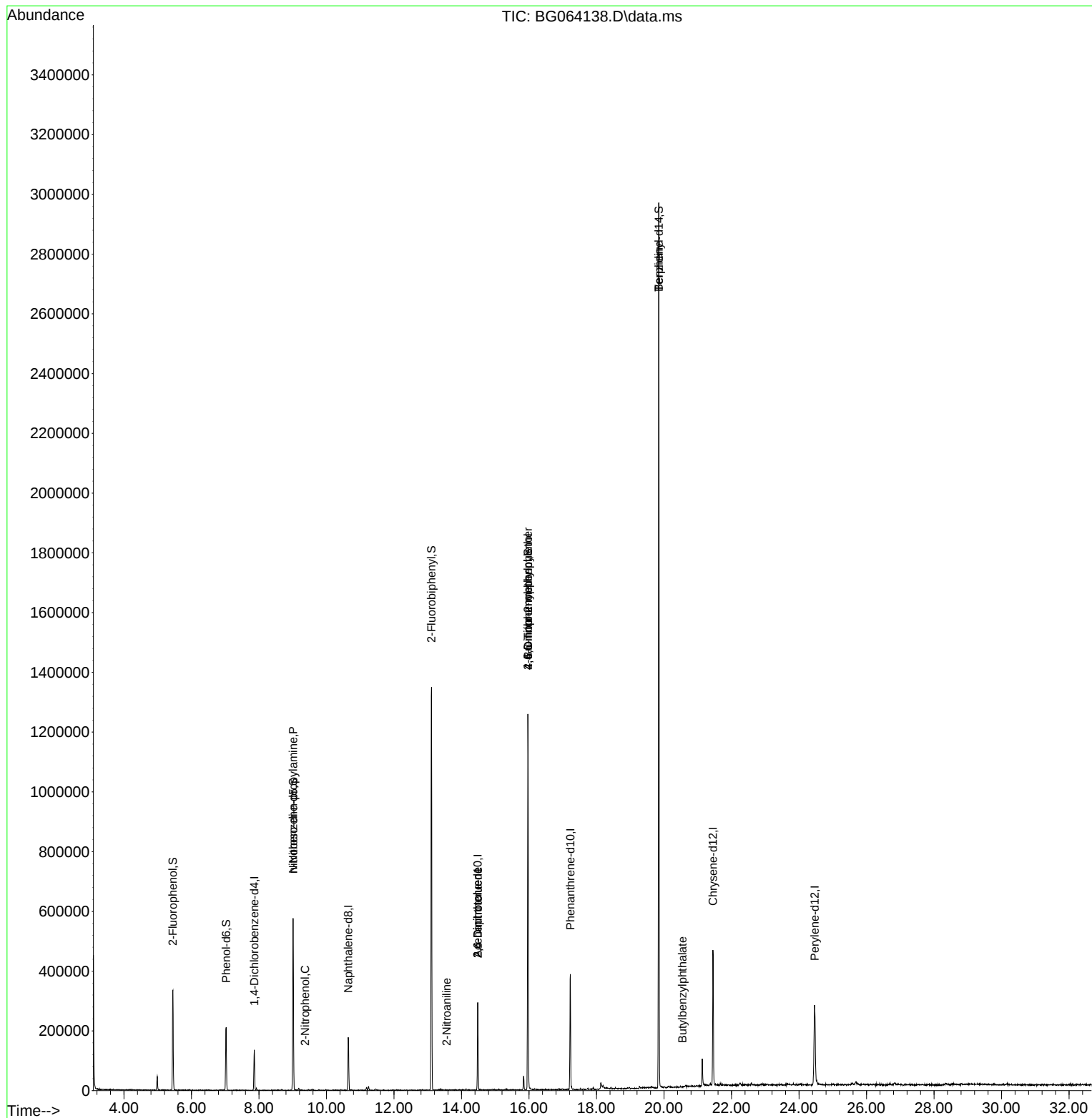
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	32858	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	138416	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	91944	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	218786	20.000	ng	0.00
76) Chrysene-d12	21.449	240	249872	20.000	ng	#-0.01
86) Perylene-d12	24.463	264	272575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	129446	61.514	ng	0.00
7) Phenol-d6	7.025	99	99786	34.857	ng	0.00
23) Nitrobenzene-d5	9.011	82	295610	118.021	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	208650	204.154	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	657467	108.540	ng	0.00
79) Terphenyl-d14	19.845	244	1322188	106.993	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	41449	20.631	ng	# 75
26) 2-Nitrophenol	9.363	139	68	3.367	ng	# 26
48) 2-Nitroaniline	13.564	65	67	3.256	ng	# 11
51) 2,6-Dinitrotoluene	14.481	165	13170	12.253	ng	# 16
57) 2,4-Dinitrotoluene	14.481	165	13170	10.051	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.967	198	915	8.982	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	14749	6.582	ng	# 1
77) Benzidine	19.845	184	25343	7.325	ng	# 92
80) Butylbenzylphthalate	20.544	149	183	3.665	ng	# 20

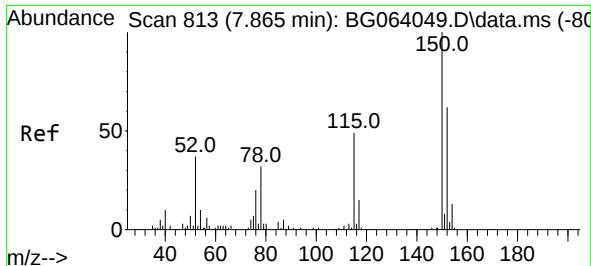
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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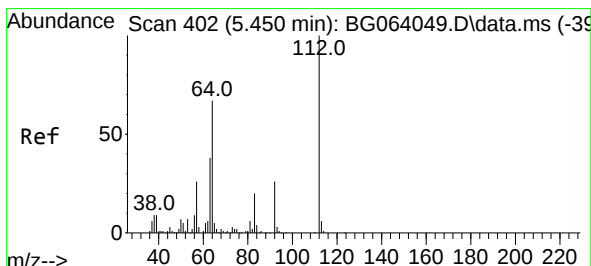
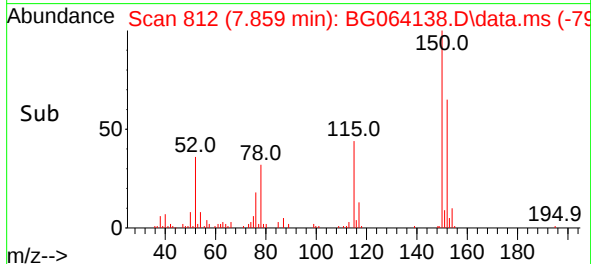
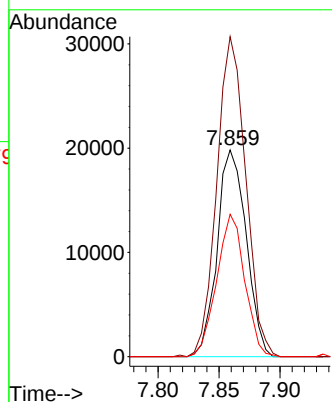
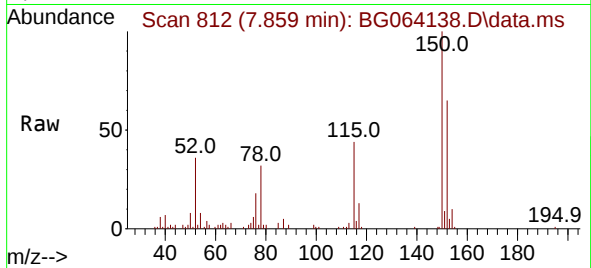




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

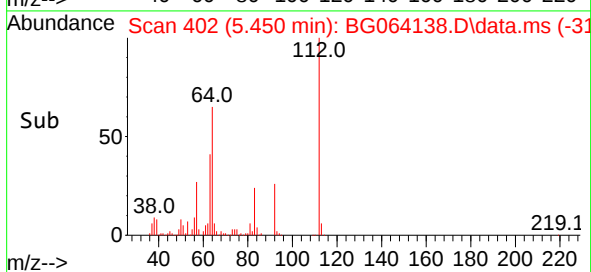
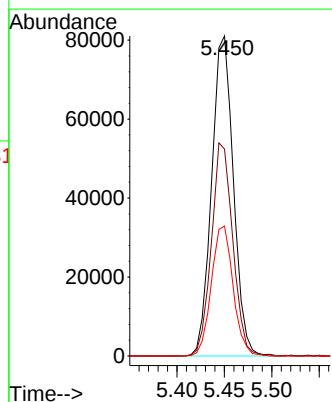
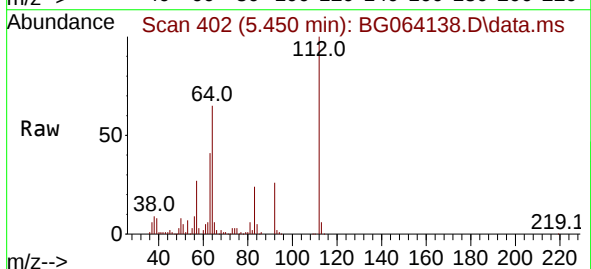
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

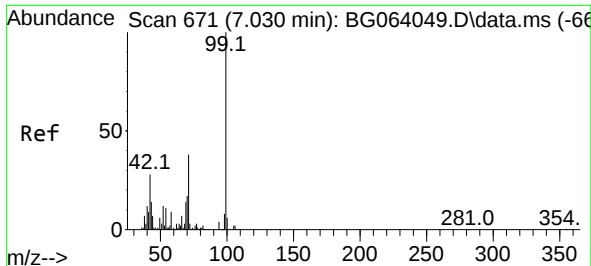
Tgt Ion:152 Resp: 32858
Ion Ratio Lower Upper
152 100
150 154.8 129.2 193.8
115 68.8 63.0 94.6



#5
2-Fluorophenol
Concen: 61.514 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:112 Resp: 129446
Ion Ratio Lower Upper
112 100
64 64.7 53.7 80.5
63 40.6 30.2 45.4

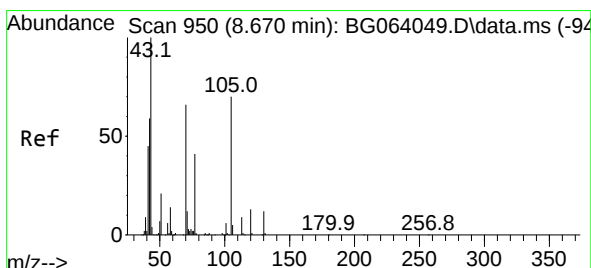
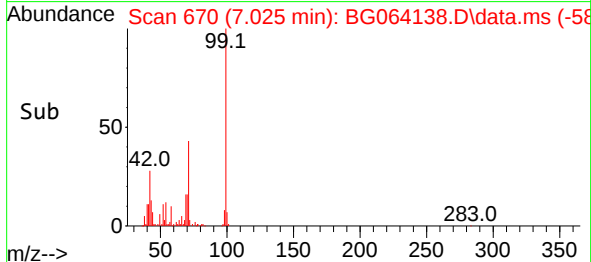
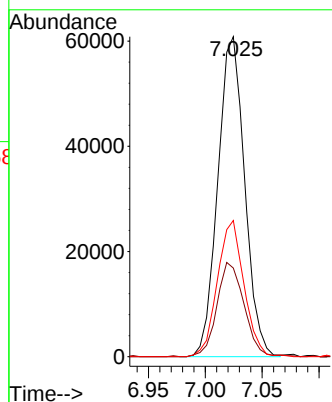
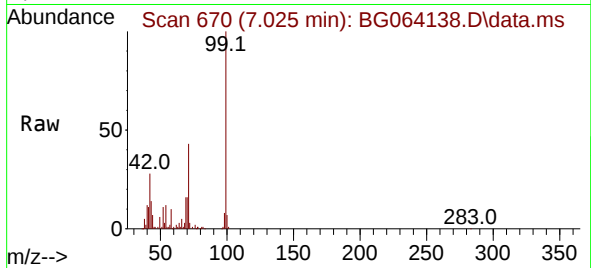




#7
Phenol-d6
Concen: 34.857 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

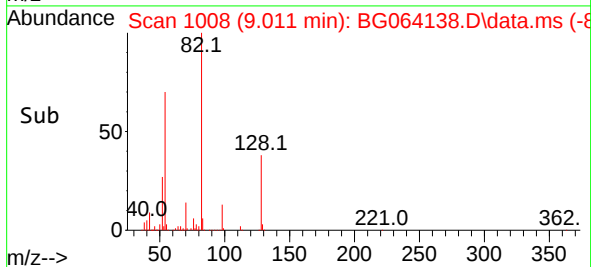
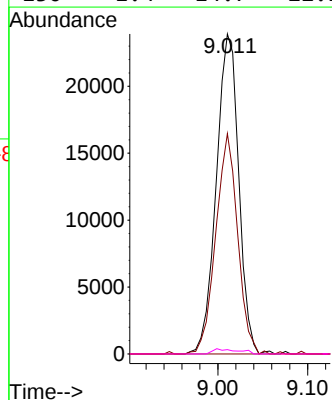
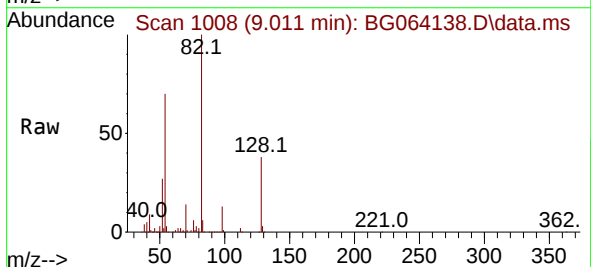
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

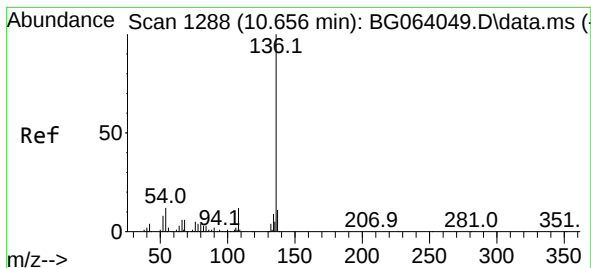
Tgt Ion: 99 Resp: 99786
Ion Ratio Lower Upper
99 100
42 27.7 22.7 34.1
71 42.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.631 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion: 70 Resp: 41449
Ion Ratio Lower Upper
70 100
42 68.9 72.1 108.1#
101 0.0 7.2 10.8#
130 1.4 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.644 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-002-01

Tgt Ion:136 Resp: 138416

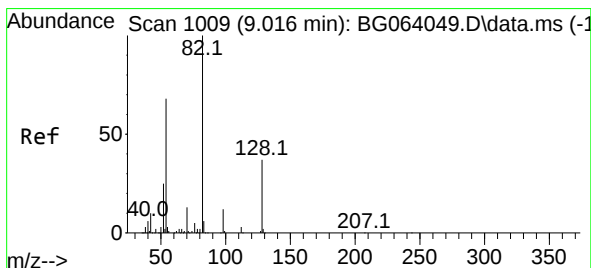
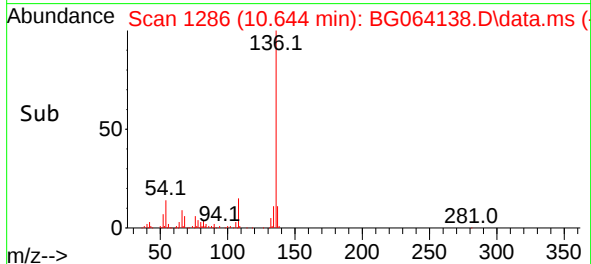
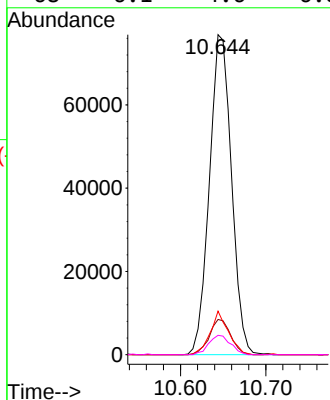
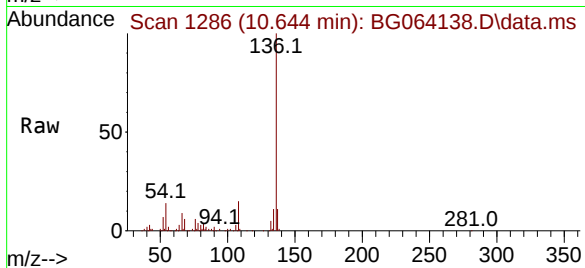
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 13.6 9.9 14.9

68 6.1 4.6 6.8



#23

Nitrobenzene-d5

Concen: 118.021 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

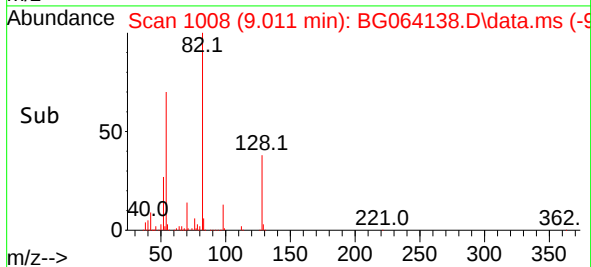
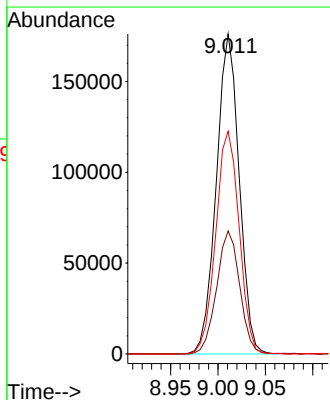
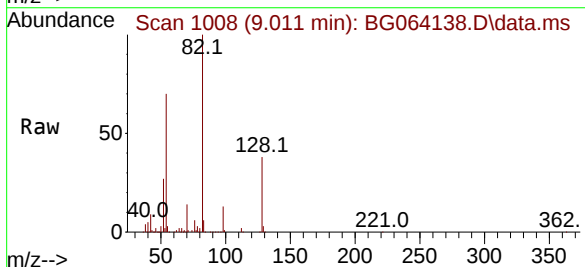
Tgt Ion: 82 Resp: 295610

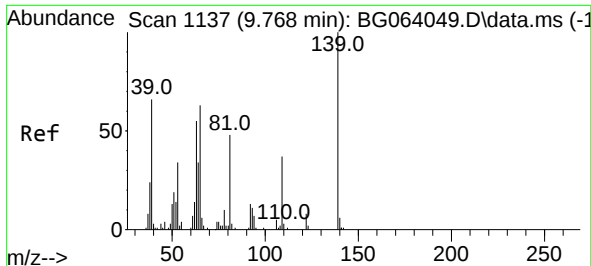
Ion Ratio Lower Upper

82 100

128 38.5 30.0 45.0

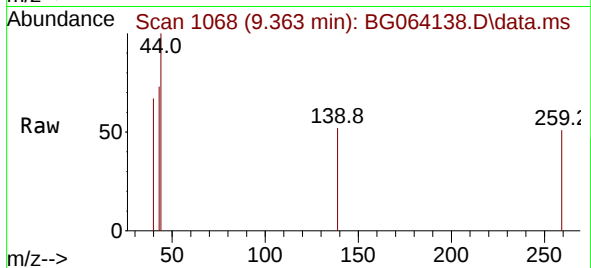
54 69.6 54.7 82.1



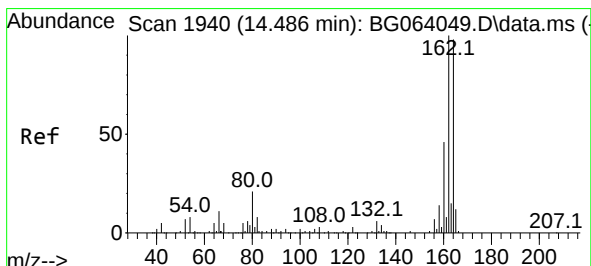
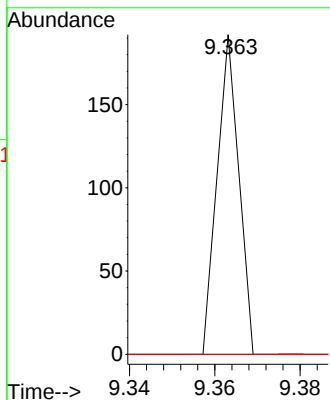
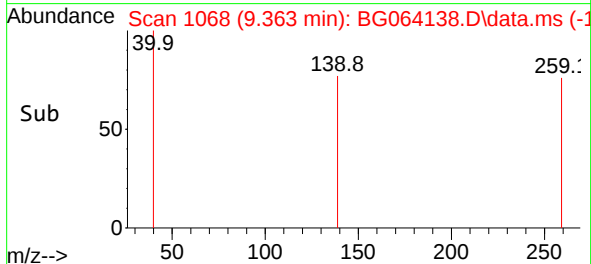


#26
2-Nitrophenol
Concen: 3.367 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.405 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

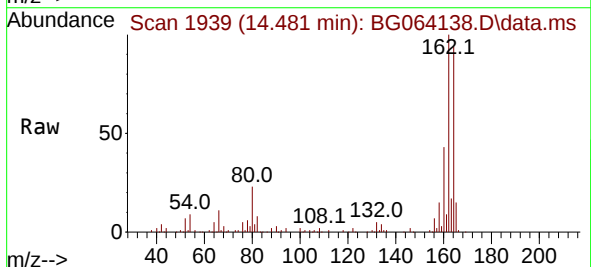
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01



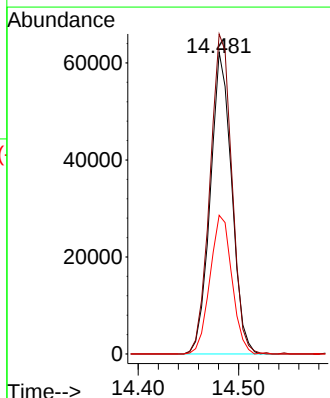
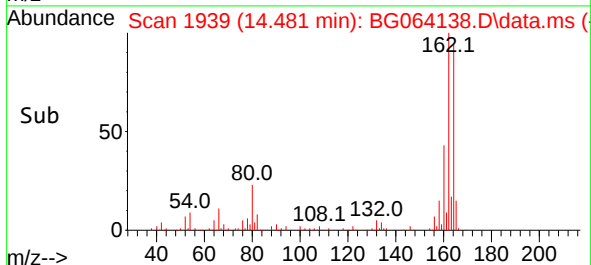
Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#

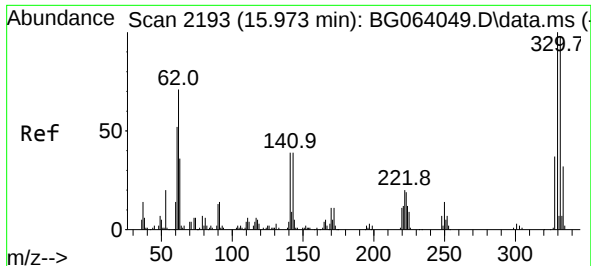


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04



Tgt Ion:164 Resp: 91944
Ion Ratio Lower Upper
164 100
162 106.0 81.4 122.0
160 46.0 37.0 55.6

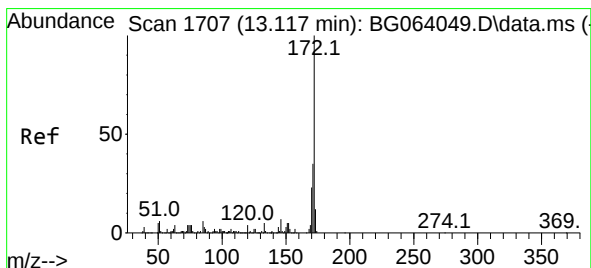
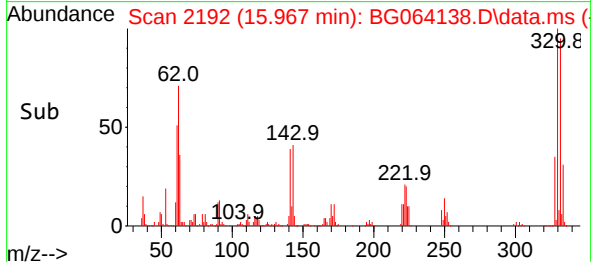
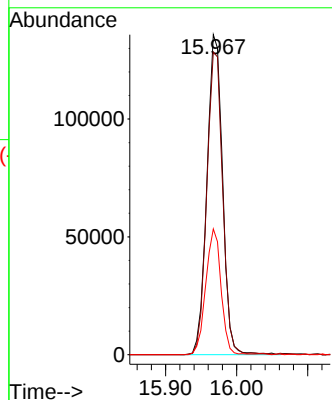
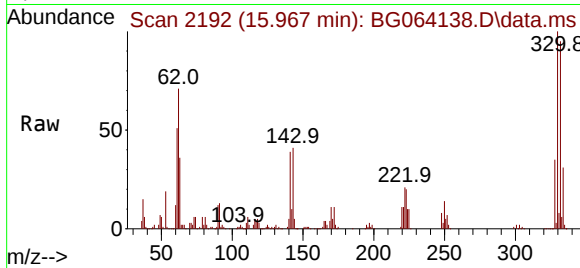




#42
2,4,6-Tribromophenol
Concen: 204.154 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

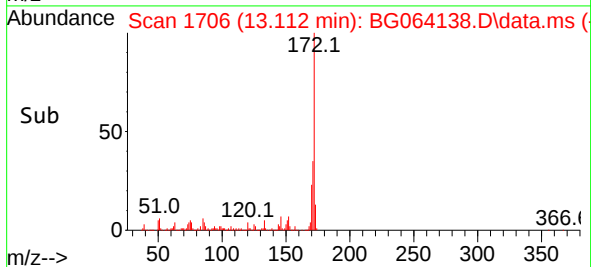
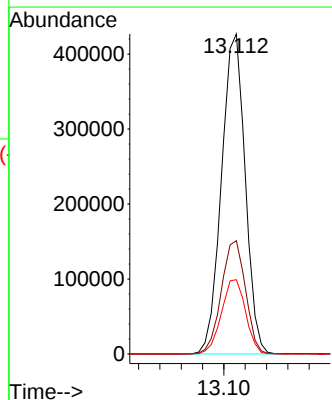
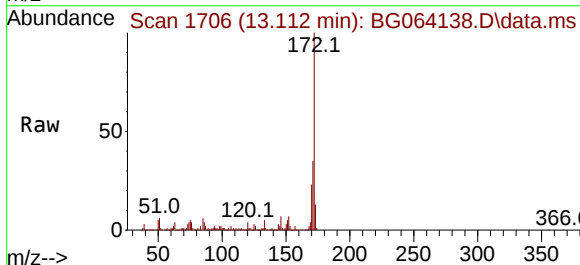
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

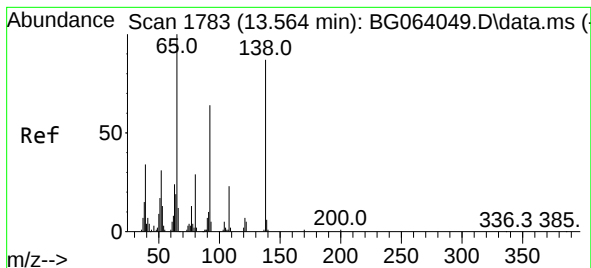
Tgt Ion:330 Resp: 208650
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 108.540 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:172 Resp: 657467
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.7 28.1





#48

2-Nitroaniline

Concen: 3.256 ng

RT: 13.564 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064138.D

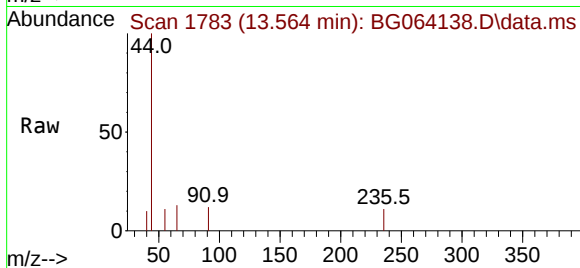
Acq: 1 Apr 2025 17:04

Instrument :

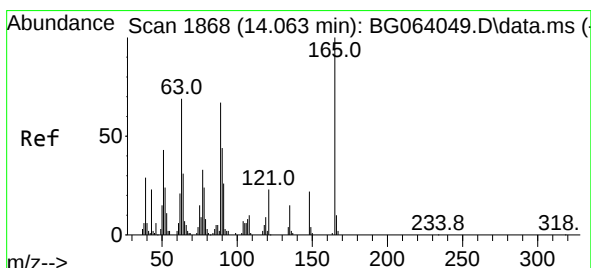
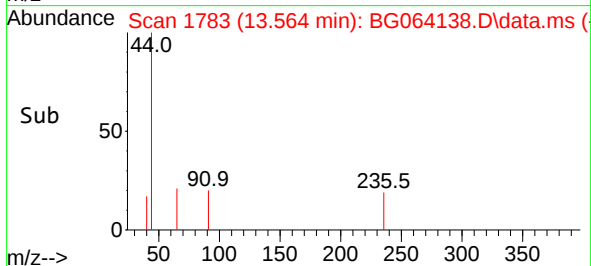
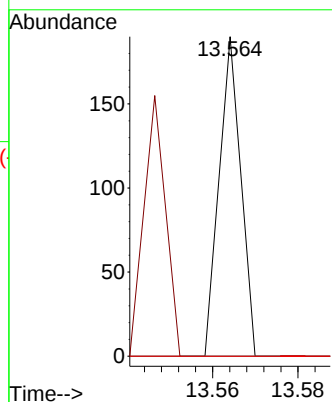
BNA_G

ClientSampleId :

P001-BBDGA-002-01



Tgt Ion:	65	Resp:	67
Ion Ratio	Lower	Upper	
65	100		
92	0.0	51.2	76.8#
138	0.0	69.4	104.2#



#51

2,6-Dinitrotoluene

Concen: 12.253 ng

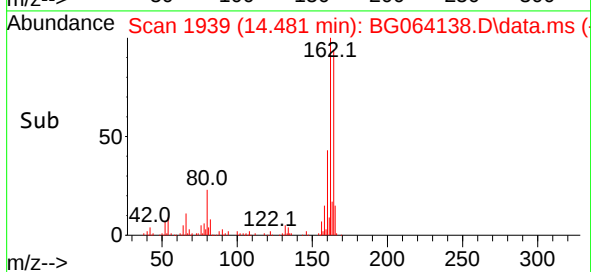
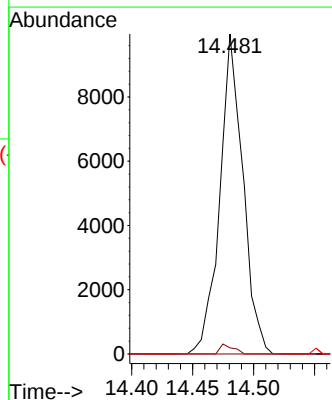
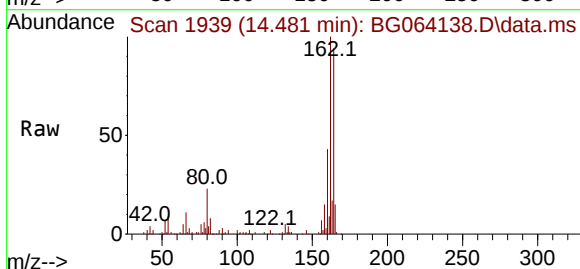
RT: 14.481 min Scan# 1939

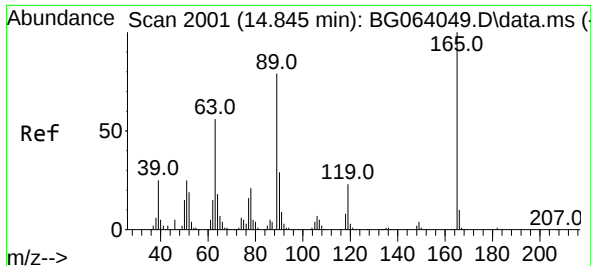
Delta R.T. 0.418 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

Tgt Ion:	165	Resp:	13170
Ion Ratio	Lower	Upper	
165	100		
63	1.9	56.7	85.1#
89	0.0	53.7	80.5#





#57

2,4-Dinitrotoluene

Concen: 10.051 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.364 min

Lab File: BG064138.D

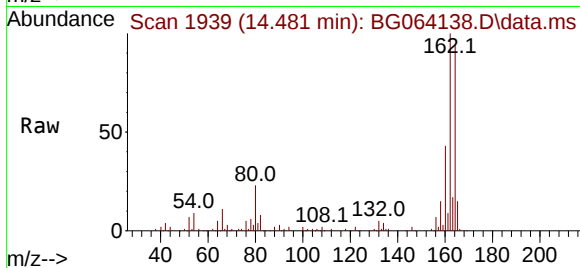
Acq: 1 Apr 2025 17:04

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-002-01



Tgt Ion:165 Resp: 13170

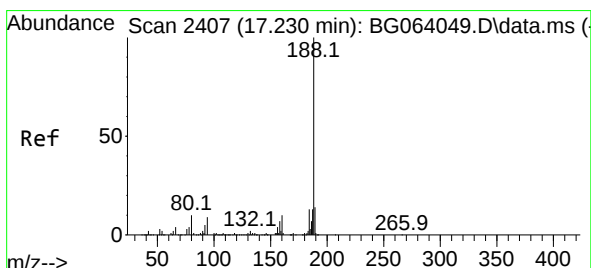
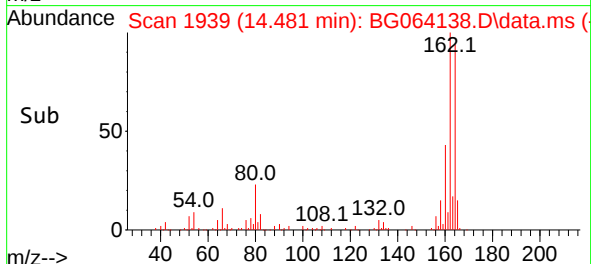
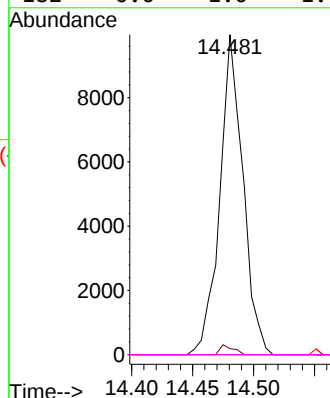
Ion Ratio Lower Upper

165 100

63 1.9 45.0 67.6#

89 0.0 63.1 94.7#

182 0.0 1.0 1.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

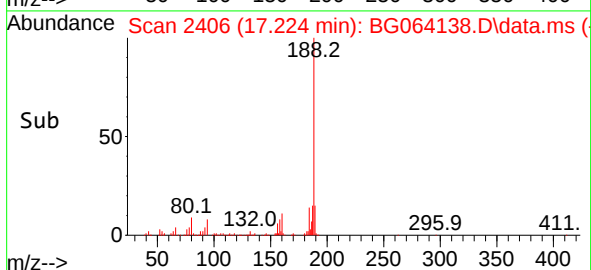
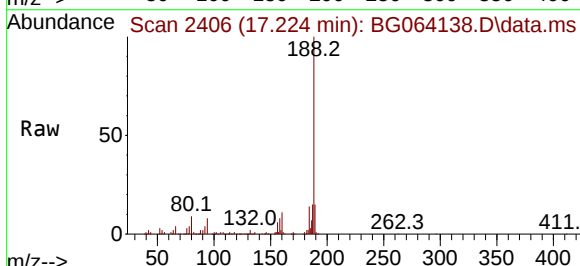
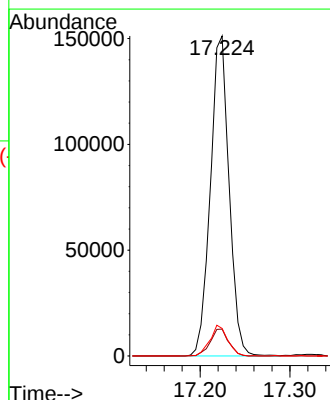
Tgt Ion:188 Resp: 218786

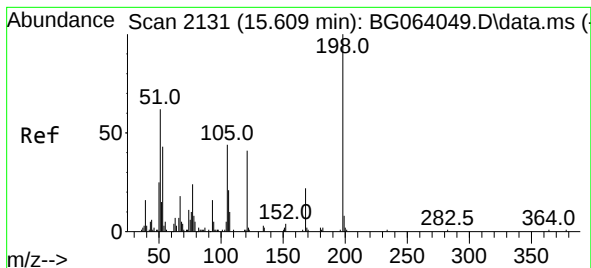
Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

80 8.6 8.1 12.1

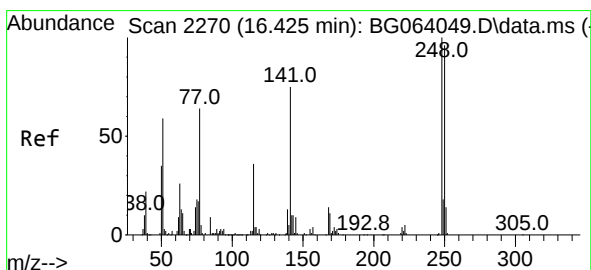
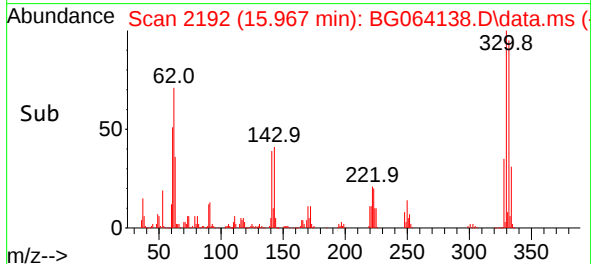
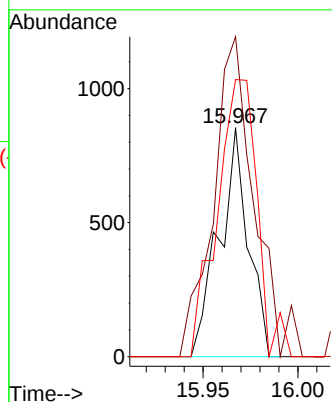
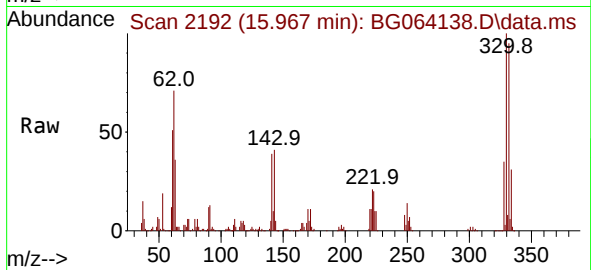




#65
4,6-Dinitro-2-methylphenol
Concen: 8.982 ng
RT: 15.967 min Scan# 2131
Delta R.T. 0.358 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

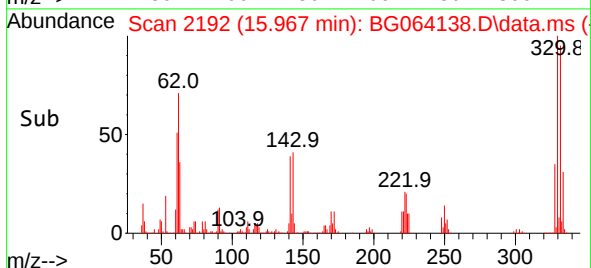
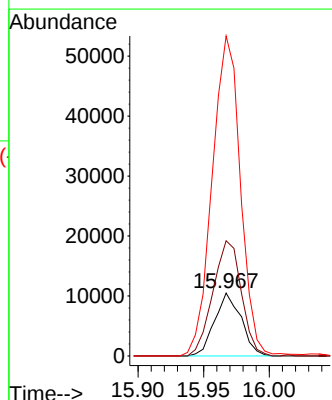
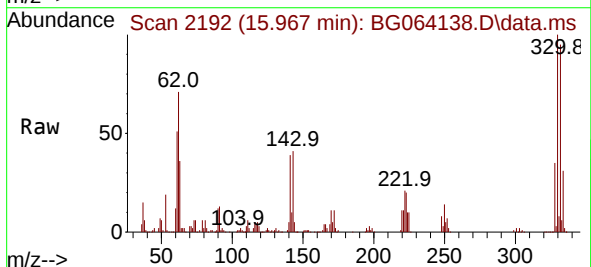
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

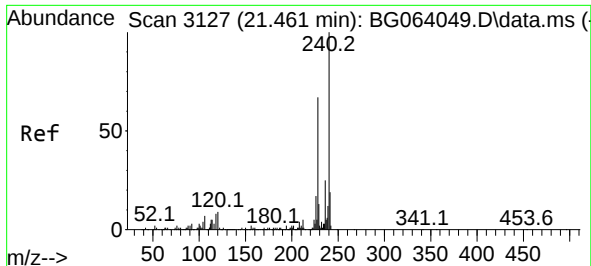
Tgt Ion:198 Resp: 915
Ion Ratio Lower Upper
198 100
51 139.8 45.6 85.6#
105 121.1 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 6.582 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.458 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:248 Resp: 14749
Ion Ratio Lower Upper
248 100
250 183.4 77.1 115.7#
141 509.4 59.8 89.8#

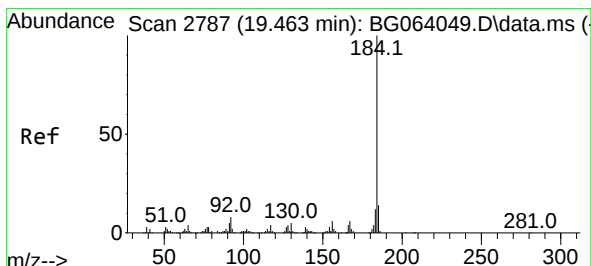
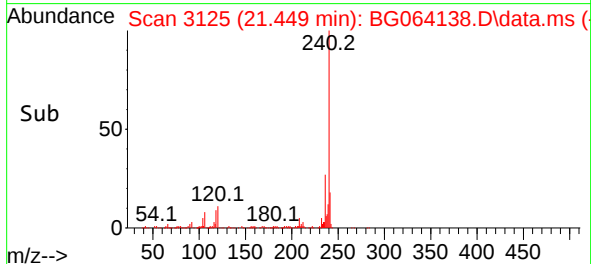
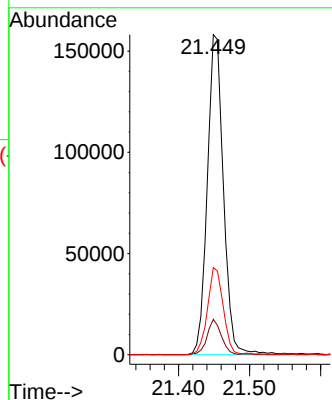
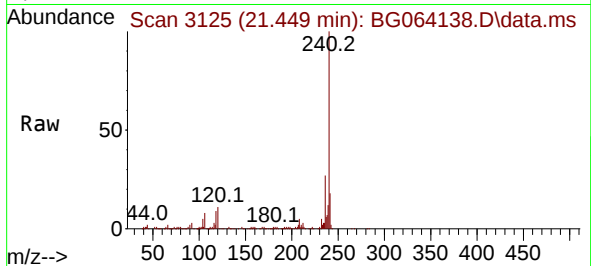




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

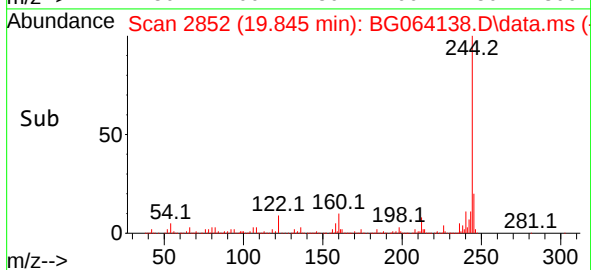
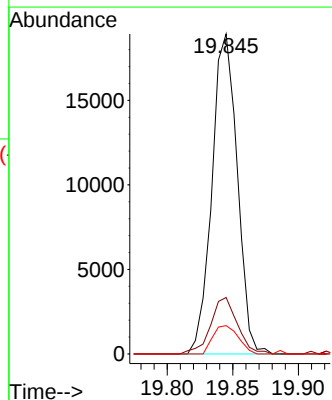
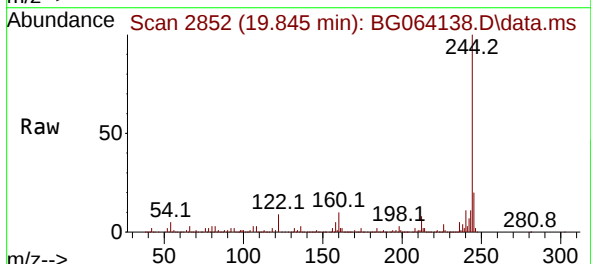
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

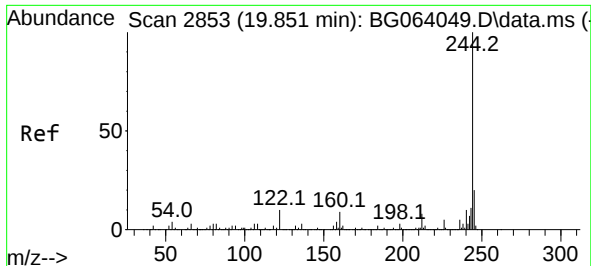
Tgt Ion:240 Resp: 249872
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 27.2 20.2 30.2



#77
Benzidine
Concen: 7.325 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:184 Resp: 25343
Ion Ratio Lower Upper
184 100
185 17.7 11.3 16.9#
183 8.8 9.5 14.3#

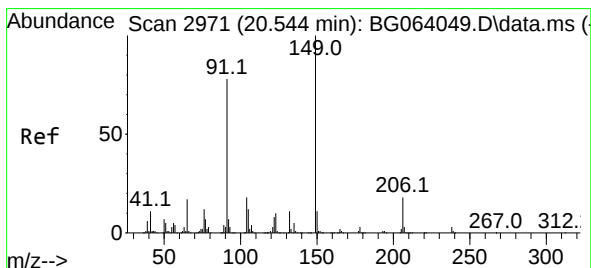
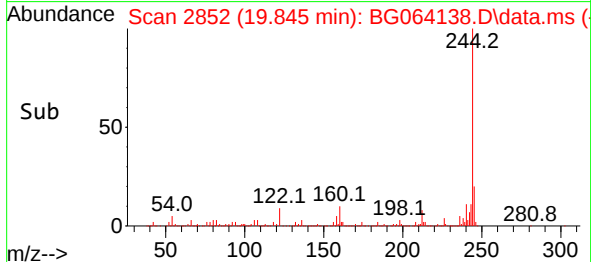
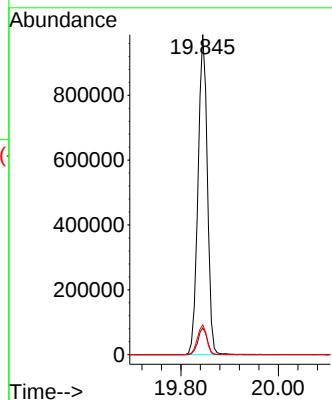
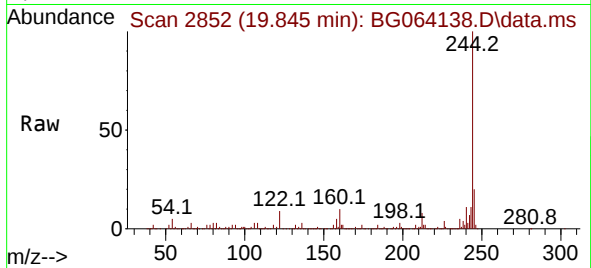




#79
 Terphenyl-d14
 Concen: 106.993 ng
 RT: 19.845 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG064138.D
 Acq: 1 Apr 2025 17:04

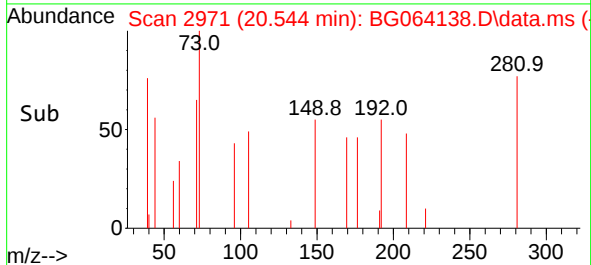
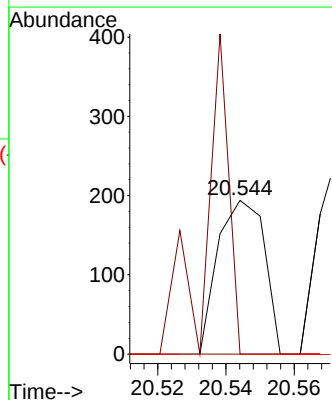
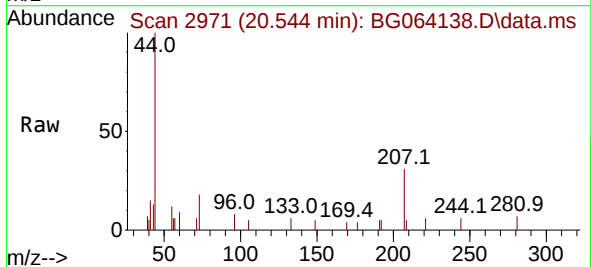
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-002-01

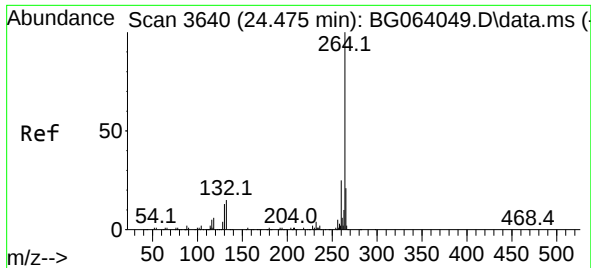
Tgt Ion:244 Resp: 1322188
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.4
 122 9.4 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.665 ng
 RT: 20.544 min Scan# 2971
 Delta R.T. 0.000 min
 Lab File: BG064138.D
 Acq: 1 Apr 2025 17:04

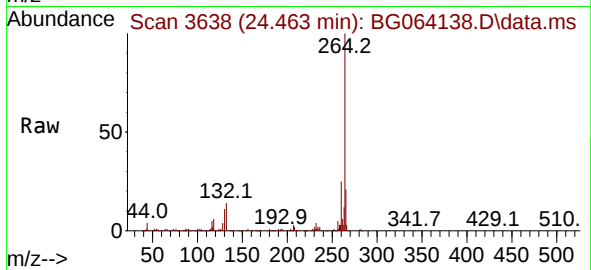
Tgt Ion:149 Resp: 183
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.463 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG064138.D
 Acq: 1 Apr 2025 17:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-002-01



Tgt Ion:264 Resp: 272575

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	20.9	16.6	25.0

