

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064178.D
 Acq On : 3 Apr 2025 22:40
 Operator : RC/JU
 Sample : Q1690-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:49:07 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)

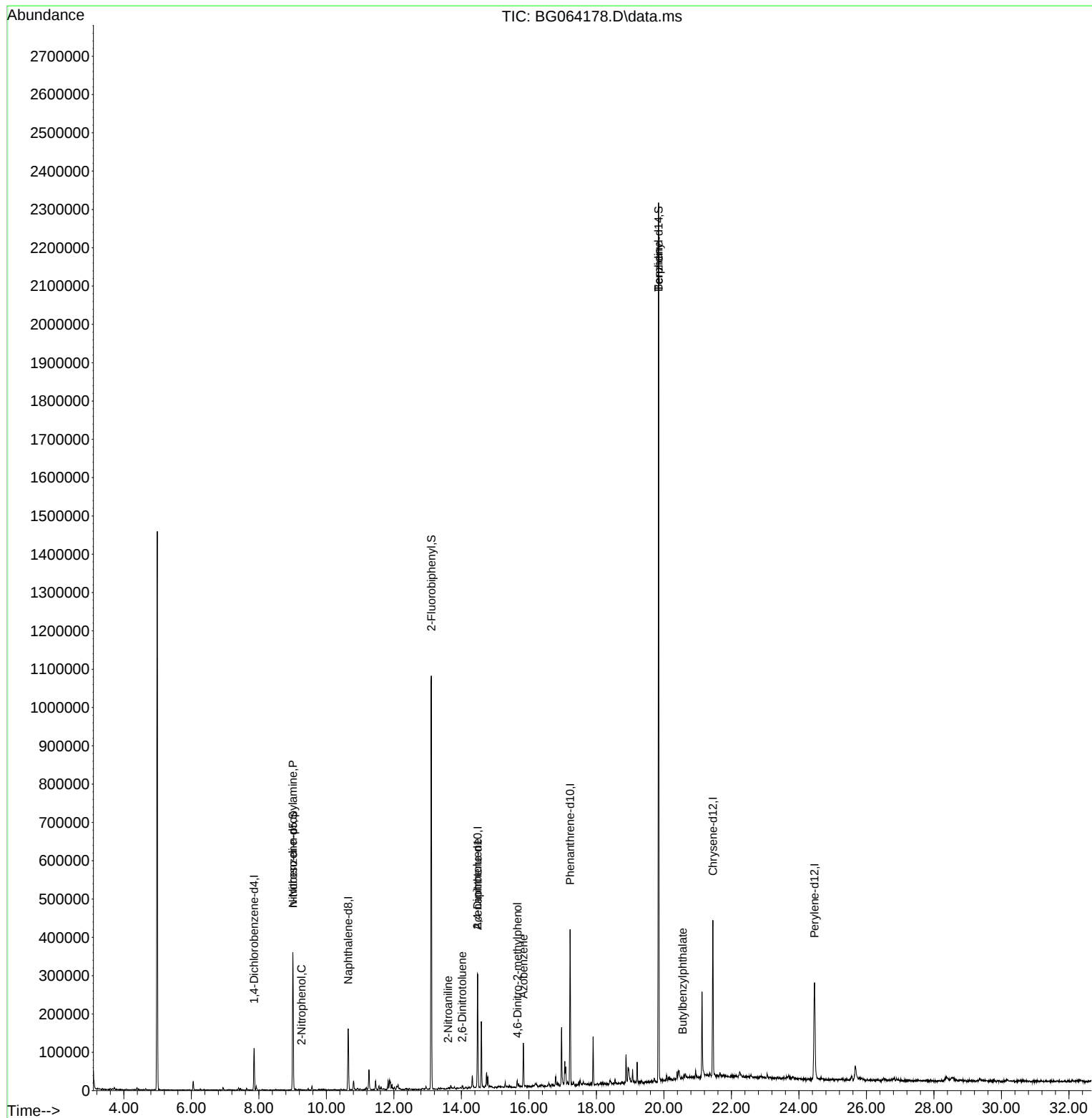
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	26545	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	122172	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	99976	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	228491	20.000	ng	0.00
76) Chrysene-d12	21.452	240	227158	20.000	ng	0.00
86) Perylene-d12	24.461	264	246565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.989	112	60	0.035	ng	-0.46
7) Phenol-d6	7.034	99	61	0.026	ng	0.00
23) Nitrobenzene-d5	9.008	82	186184	84.216	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	61	0.055	ng	-0.34
45) 2-Fluorobiphenyl	13.109	172	505056	76.680	ng	0.00
79) Terphenyl-d14	19.842	244	981941	87.405	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.008	70	27965	17.230	ng	# 81
26) 2-Nitrophenol	9.261	139	95	3.416	ng	# 26
48) 2-Nitroaniline	13.608	65	154	3.304	ng	# 11
51) 2,6-Dinitrotoluene	14.026	165	756	3.827	ng	# 15
57) 2,4-Dinitrotoluene	14.478	165	13280	9.586	ng	# 19
63) Azobenzene	15.835	77	32204	3.767	ng	# 11
65) 4,6-Dinitro-2-methylph...	15.659	198	54	8.224	ng	# 37
77) Benzidine	19.842	184	19853	6.312	ng	# 86
80) Butylbenzylphthalate	20.553	149	704	3.756	ng	# 5

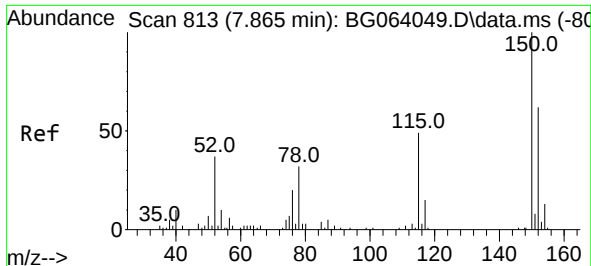
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064178.D
Acq On : 3 Apr 2025 22:40
Operator : RC/JU
Sample : Q1690-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

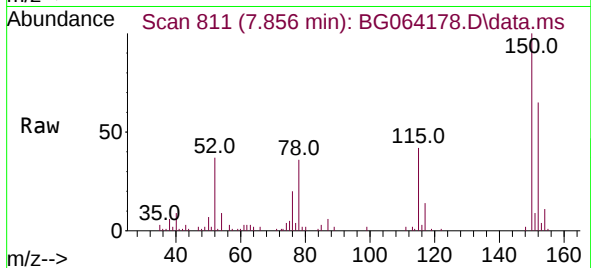
Quant Time: Apr 04 01:49:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



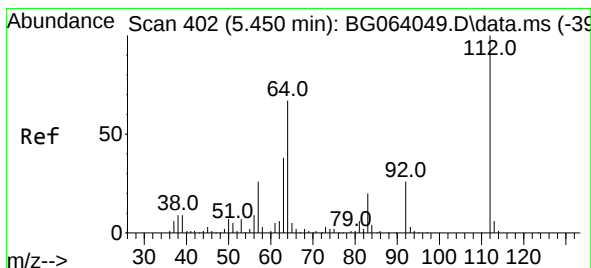
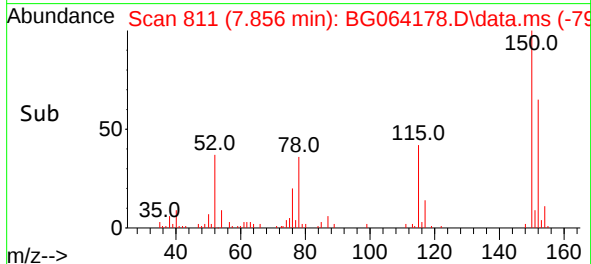
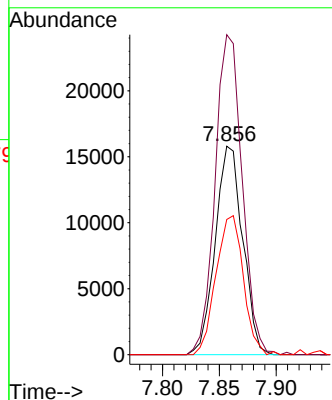


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :

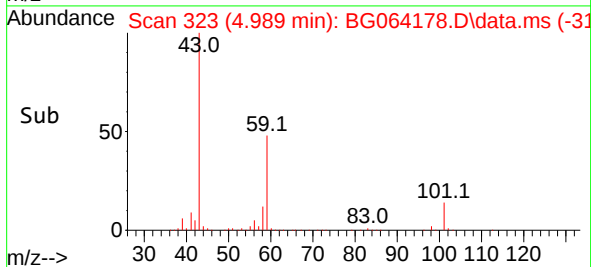
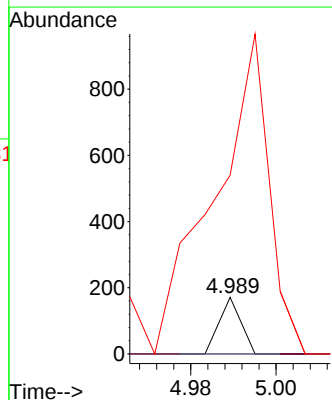
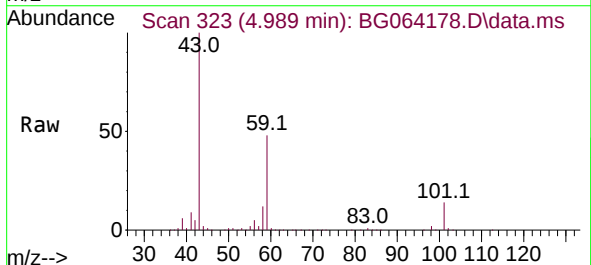


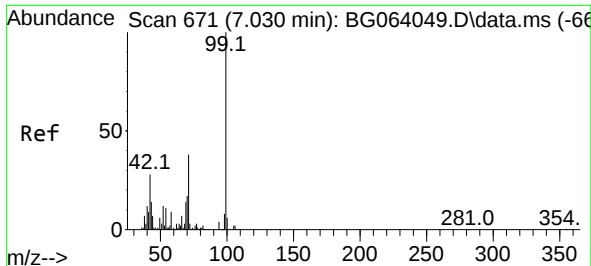
Tgt Ion:152 Resp: 26545
Ion Ratio Lower Upper
152 100
150 153.4 129.2 193.8
115 64.8 63.0 94.6



#5
2-Fluorophenol
Concen: 0.035 ng
RT: 4.989 min Scan# 323
Delta R.T. -0.461 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

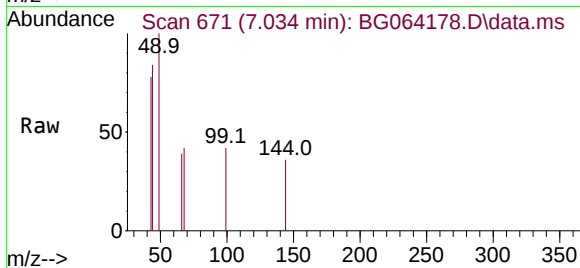
Tgt Ion:112 Resp: 60
Ion Ratio Lower Upper
112 100
64 0.0 53.7 80.5#
63 315.8 30.2 45.4#



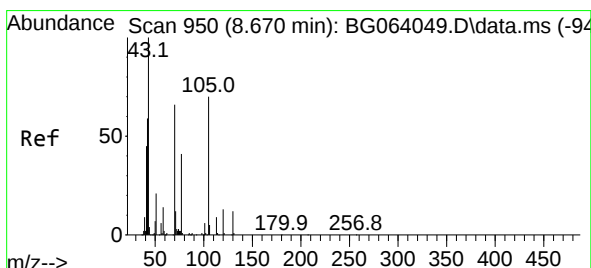
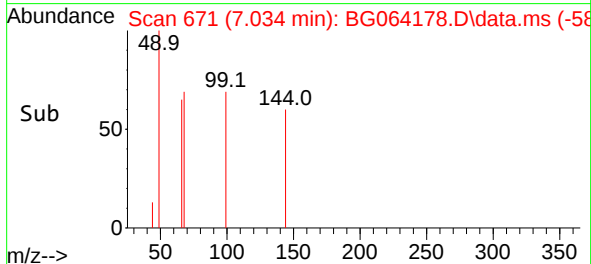
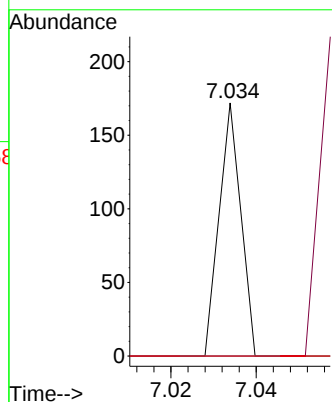


#7
Phenol-d6
Concen: 0.026 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :

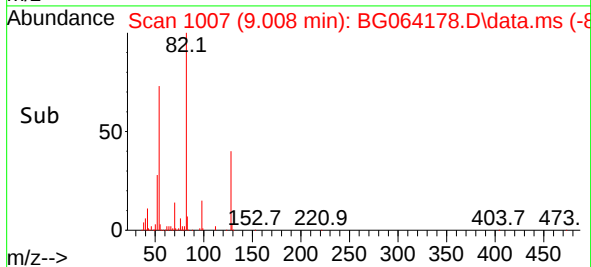
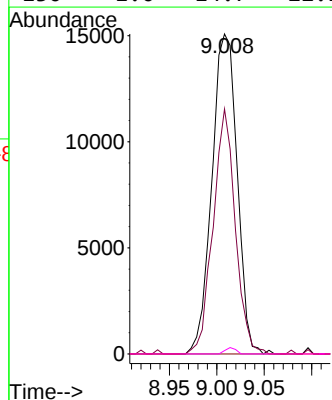
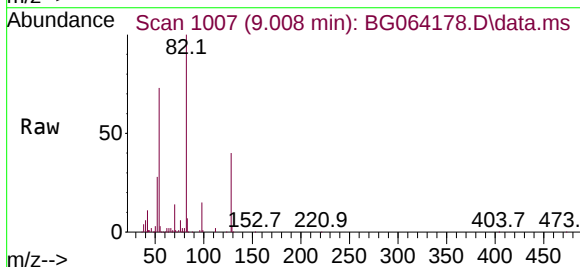


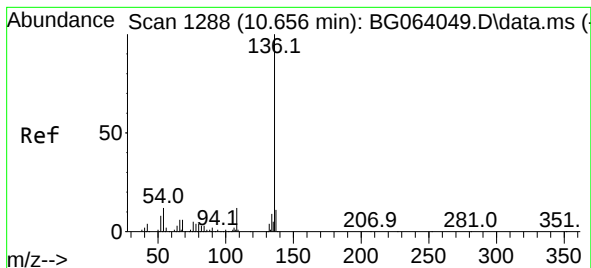
Tgt Ion: 99 Resp: 61
Ion Ratio Lower Upper
99 100
42 0.0 22.7 34.1#
71 0.0 30.6 46.0#



#19
n-Nitroso-di-n-propylamine
Concen: 17.230 ng
RT: 9.008 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion: 70 Resp: 27965
Ion Ratio Lower Upper
70 100
42 76.5 72.1 108.1
101 0.0 7.2 10.8#
130 1.0 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.647 min Scan# 11

Delta R.T. -0.009 min

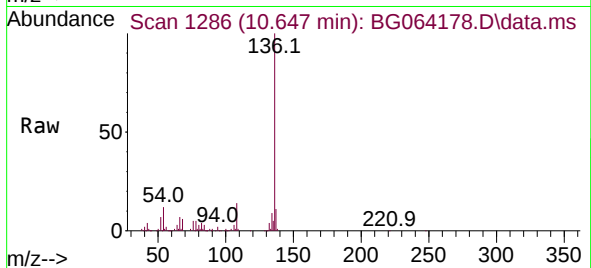
Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 122172

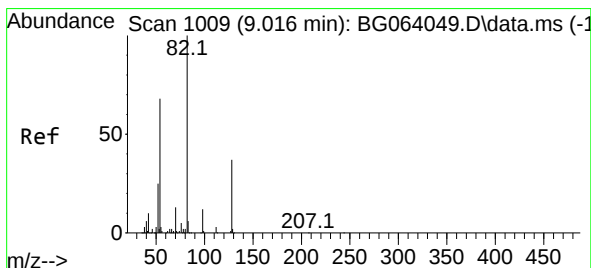
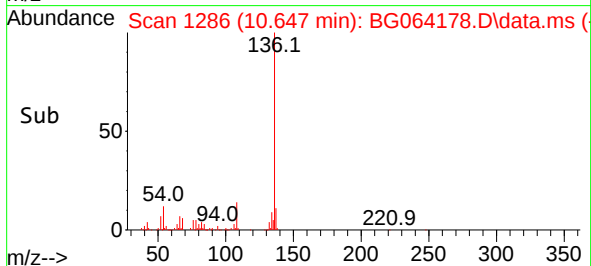
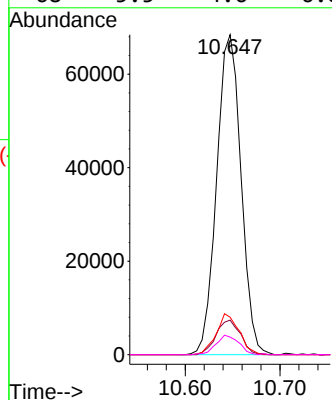
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.7 9.9 14.9

68 5.5 4.6 6.8



#23

Nitrobenzene-d5

Concen: 84.216 ng

RT: 9.008 min Scan# 1007

Delta R.T. -0.008 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

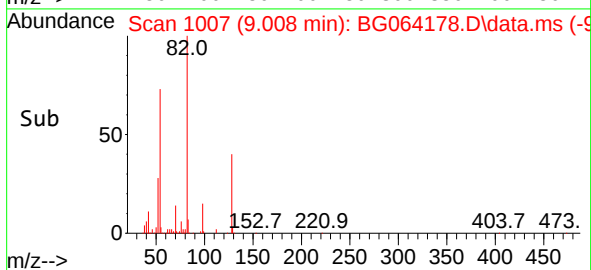
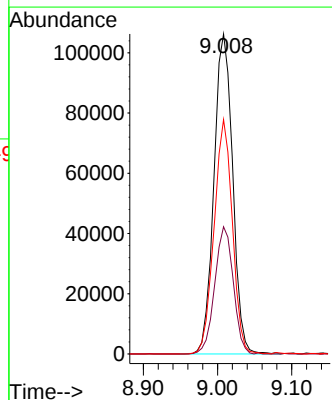
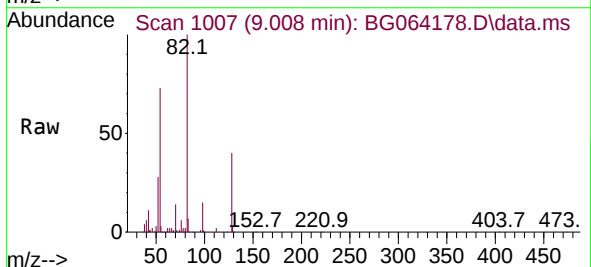
Tgt Ion: 82 Resp: 186184

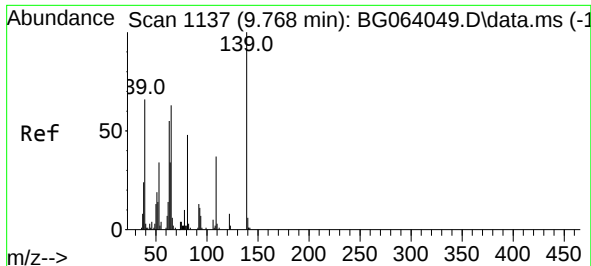
Ion Ratio Lower Upper

82 100

128 39.7 30.0 45.0

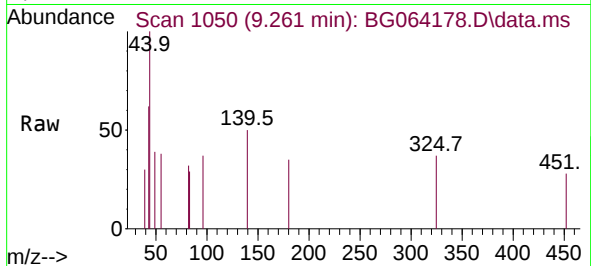
54 73.3 54.7 82.1



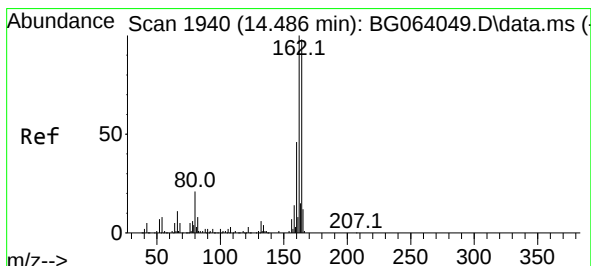
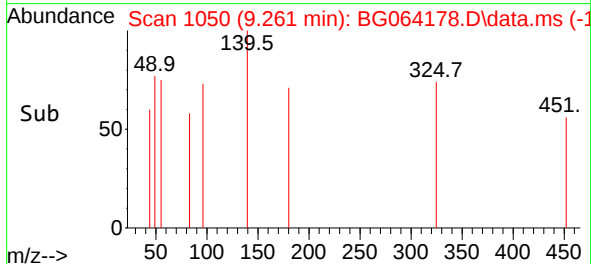
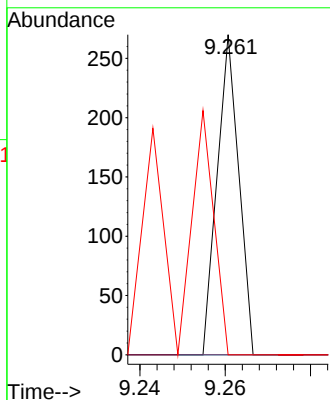


#26
2-Nitrophenol
Concen: 3.416 ng
RT: 9.261 min Scan# 1050
Delta R.T. -0.507 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :

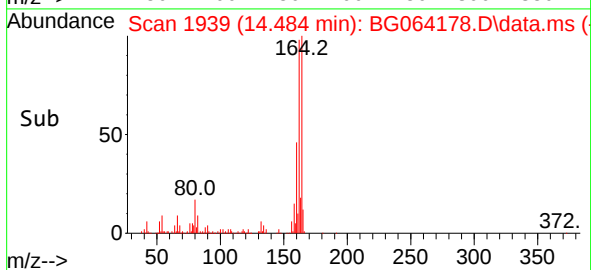
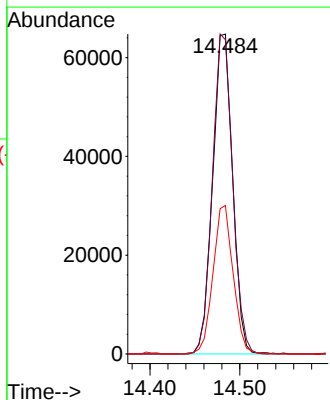
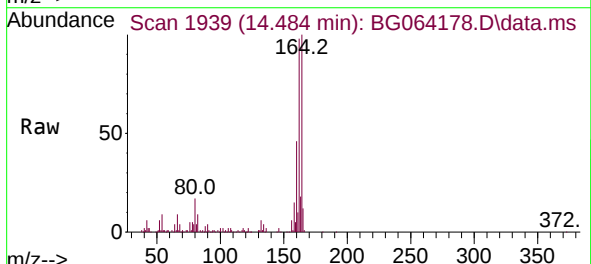


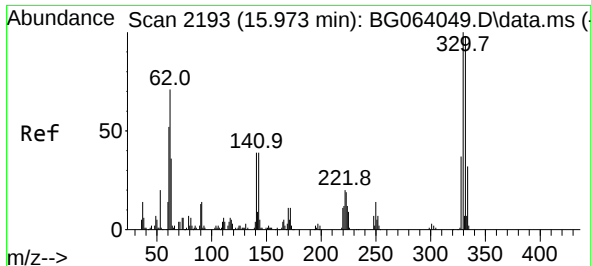
Tgt Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

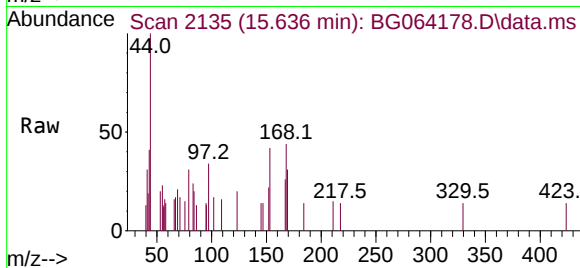
Tgt Ion:164 Resp: 99976
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 46.4 37.0 55.6



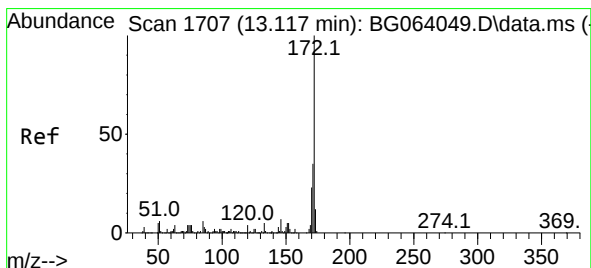
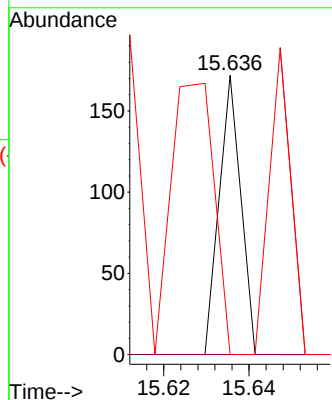
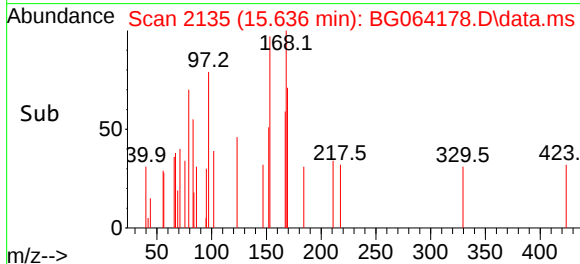


#42
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.636 min Scan# 2193
Delta R.T. -0.337 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :

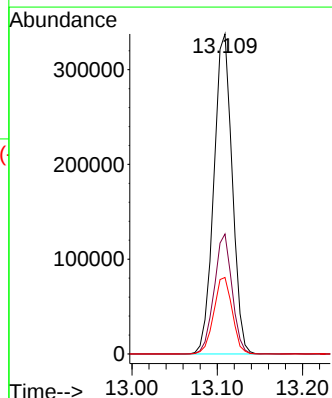
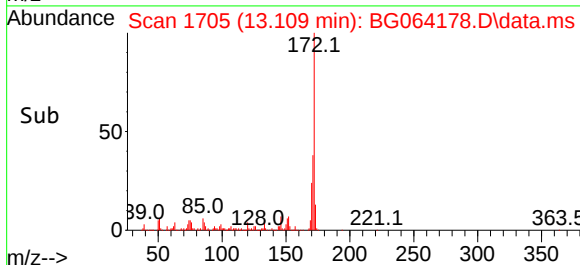
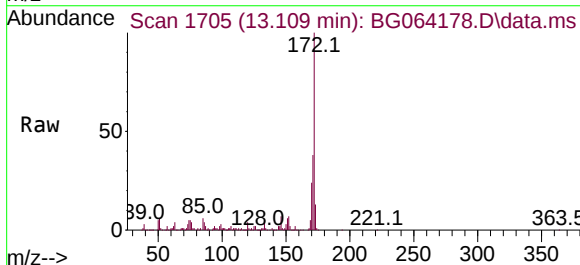


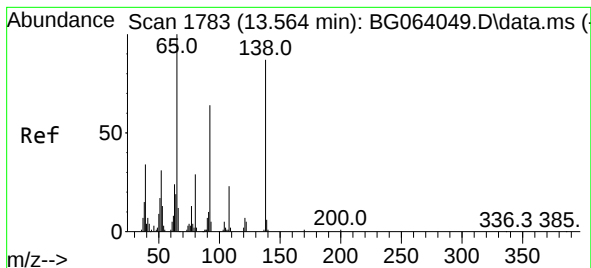
Tgt Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 0.0 76.7 115.1#
141 191.8 29.7 44.5#



#45
2-Fluorobiphenyl
Concen: 76.680 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:172 Resp: 505056
Ion Ratio Lower Upper
172 100
171 37.5 28.0 42.0
170 23.9 18.7 28.1





#48

2-Nitroaniline

Concen: 3.304 ng

RT: 13.608 min Scan# 1

Delta R.T. 0.044 min

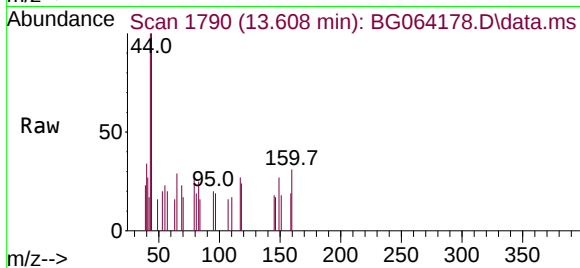
Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA_G

ClientSampleId :



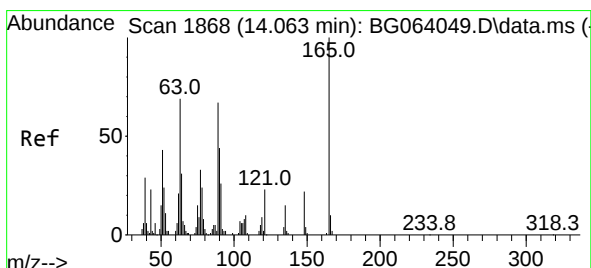
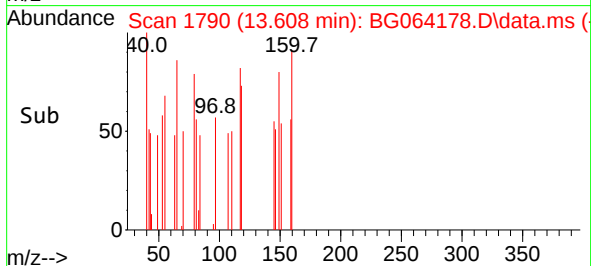
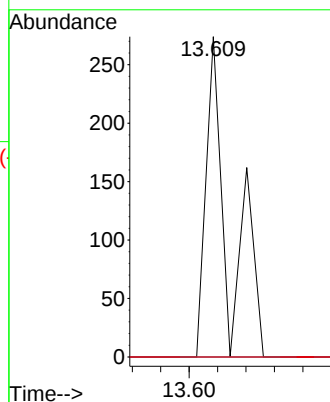
Tgt Ion: 65 Resp: 154

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: 3.827 ng

RT: 14.026 min Scan# 1861

Delta R.T. -0.037 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

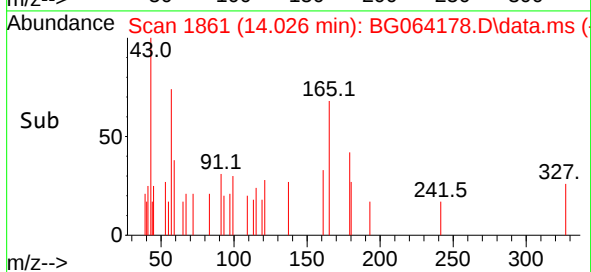
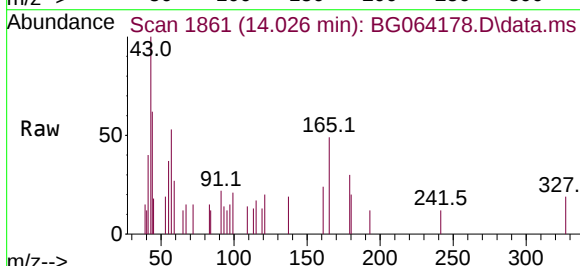
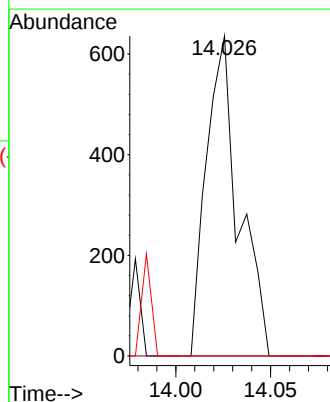
Tgt Ion: 165 Resp: 756

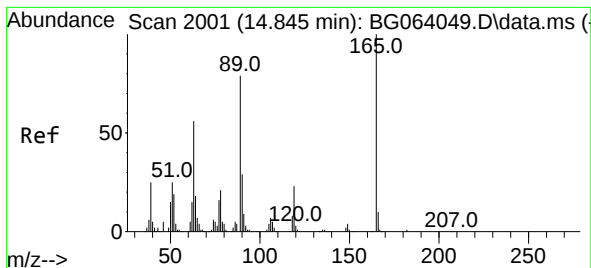
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

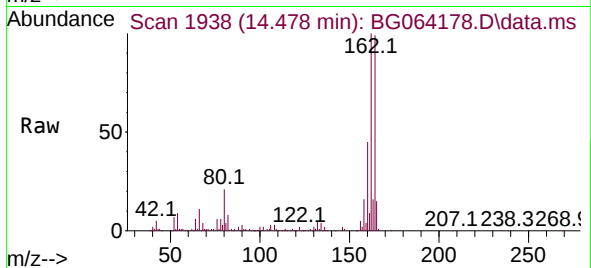
89 0.0 53.7 80.5#



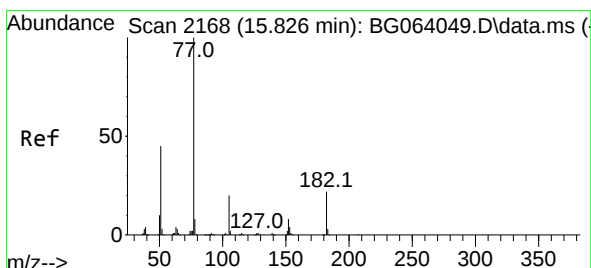
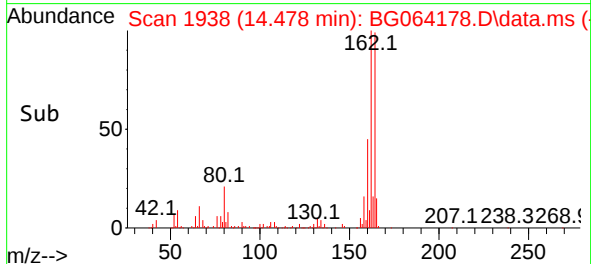
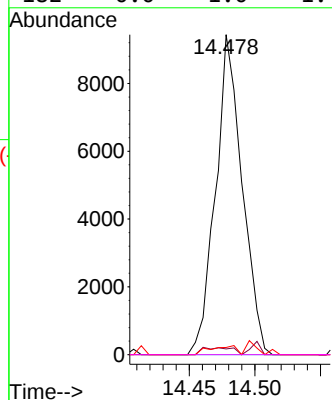


#57
 2,4-Dinitrotoluene
 Concen: 9.586 ng
 RT: 14.478 min Scan# 1938
 Delta R.T. -0.367 min
 Lab File: BG064178.D
 Acq: 3 Apr 2025 22:40

Instrument :
 BNA_G
 ClientSampleId :

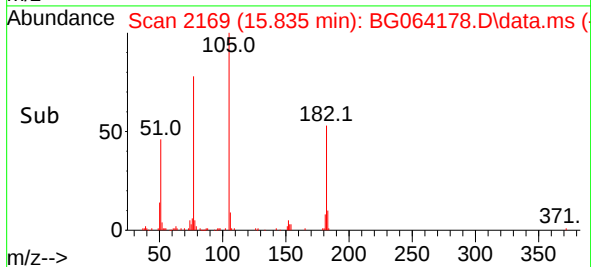
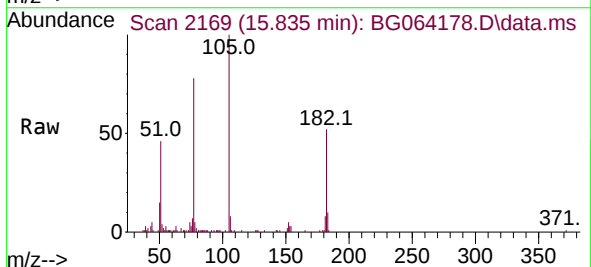
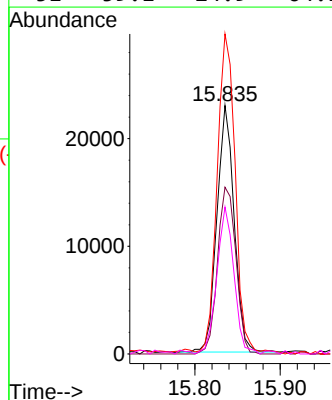


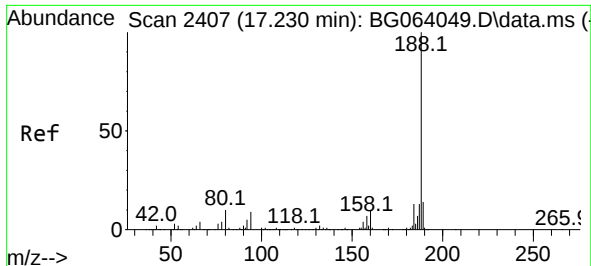
Tgt Ion:165 Resp: 13280
 Ion Ratio Lower Upper
 165 100
 63 1.8 45.0 67.6#
 89 2.3 63.1 94.7#
 182 0.0 1.0 1.4#



#63
 Azobenzene
 Concen: 3.767 ng
 RT: 15.835 min Scan# 2169
 Delta R.T. 0.009 min
 Lab File: BG064178.D
 Acq: 3 Apr 2025 22:40

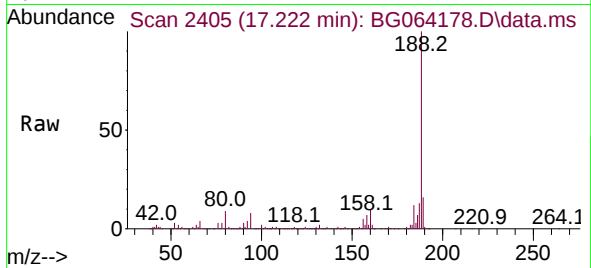
Tgt Ion: 77 Resp: 32204
 Ion Ratio Lower Upper
 77 100
 182 67.1 2.4 42.4#
 105 128.8 0.0 40.0#
 51 59.1 24.9 64.9



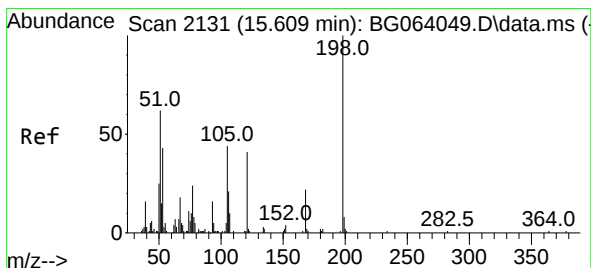
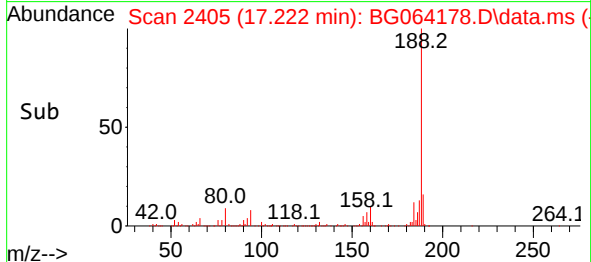
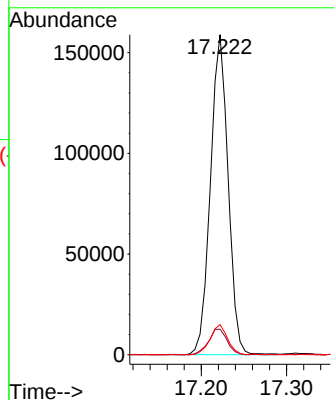


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2407
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :

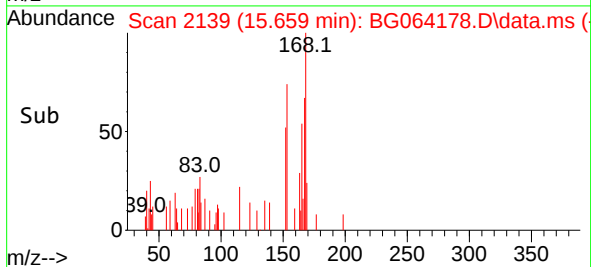
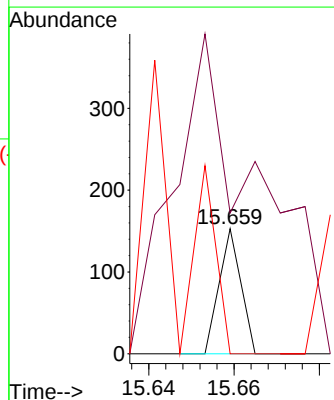
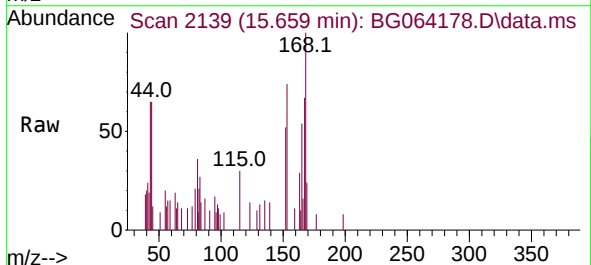


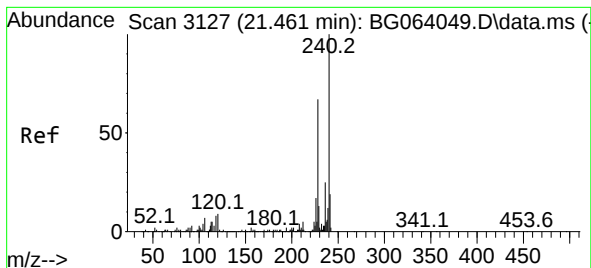
Tgt Ion:188 Resp: 228491
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 8.224 ng
RT: 15.659 min Scan# 2139
Delta R.T. 0.050 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 112.4 45.6 85.6#
105 0.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.452 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA_G

ClientSampleId :

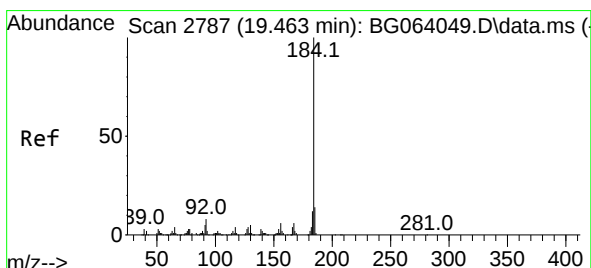
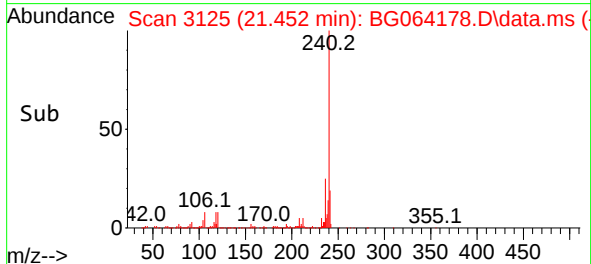
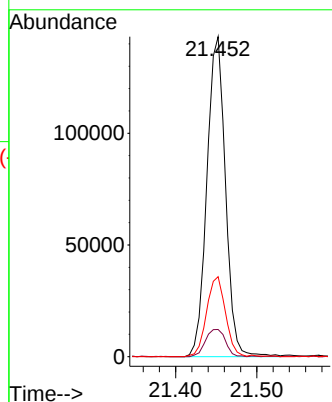
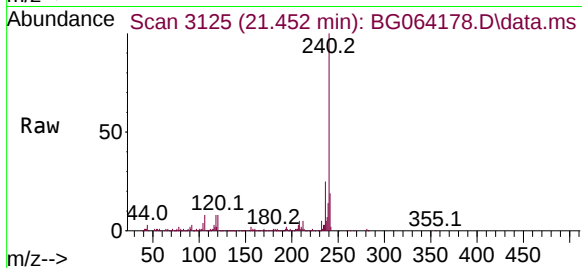
Tgt Ion:240 Resp: 227158

Ion Ratio Lower Upper

240 100

120 8.5 7.2 10.8

236 25.0 20.2 30.2



#77

Benzidine

Concen: 6.312 ng

RT: 19.842 min Scan# 2851

Delta R.T. 0.379 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

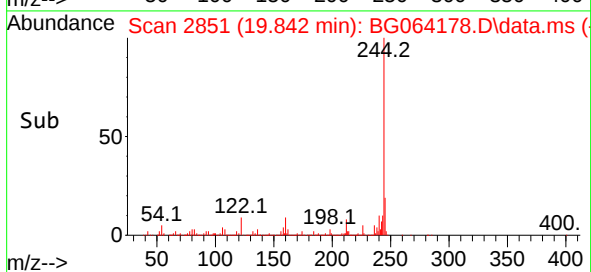
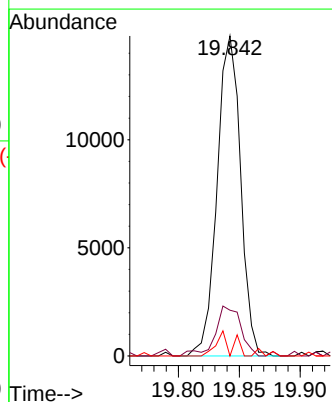
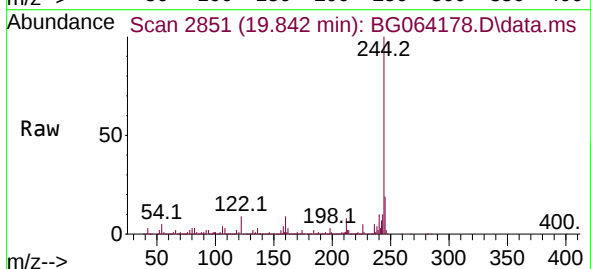
Tgt Ion:184 Resp: 19853

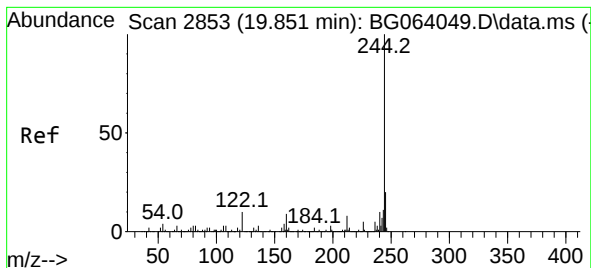
Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 0.0 9.5 14.3#





#79

Terphenyl-d14

Concen: 87.405 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA_G

ClientSampleId :

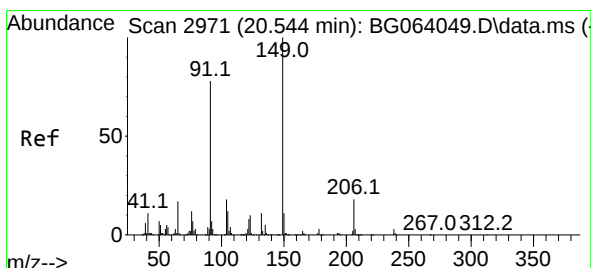
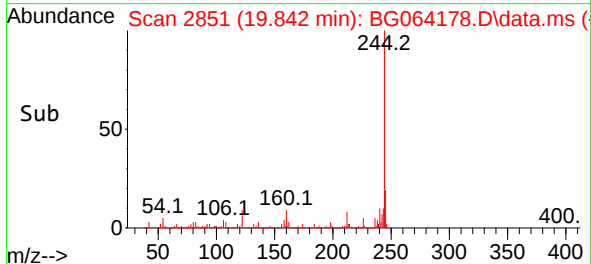
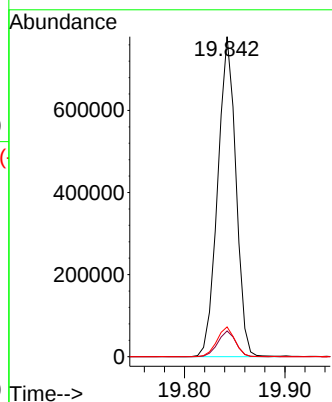
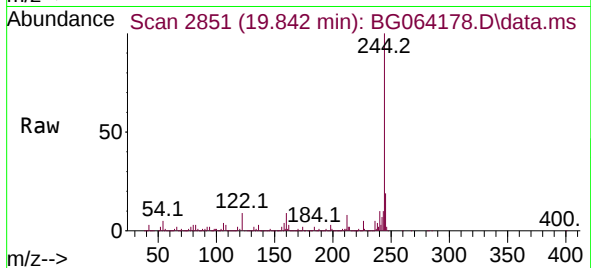
Tgt Ion:244 Resp: 981941

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 9.3 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.756 ng

RT: 20.553 min Scan# 2972

Delta R.T. 0.009 min

Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

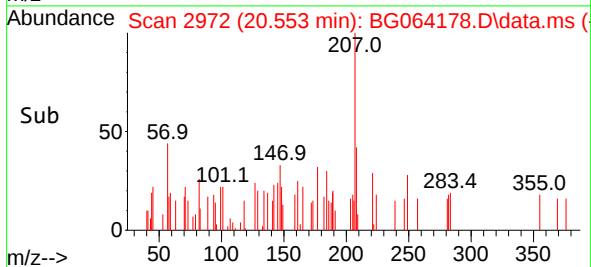
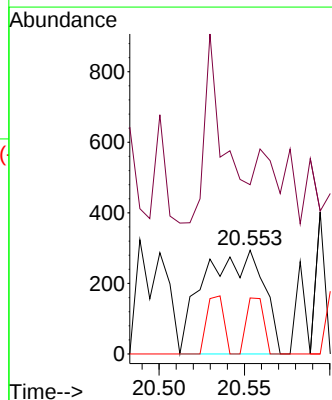
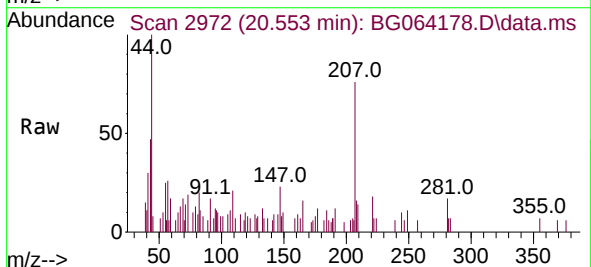
Tgt Ion:149 Resp: 704

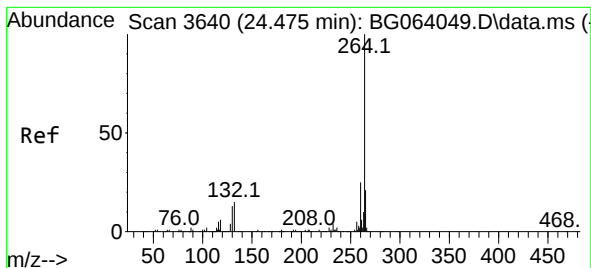
Ion Ratio Lower Upper

149 100

91 163.3 62.0 93.0#

206 54.1 14.6 21.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.461 min Scan# 30

Delta R.T. -0.014 min

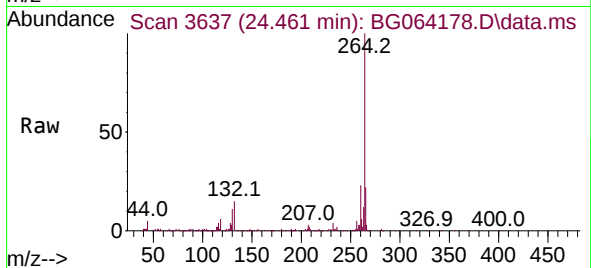
Lab File: BG064178.D

Acq: 3 Apr 2025 22:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 246565

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.7 16.6 25.0

