

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064074.D
 Acq On : 10 Mar 2025 10:03
 Operator : RC/JU
 Sample : PB167035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BL

Quant Time: Mar 10 11:45:10 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)

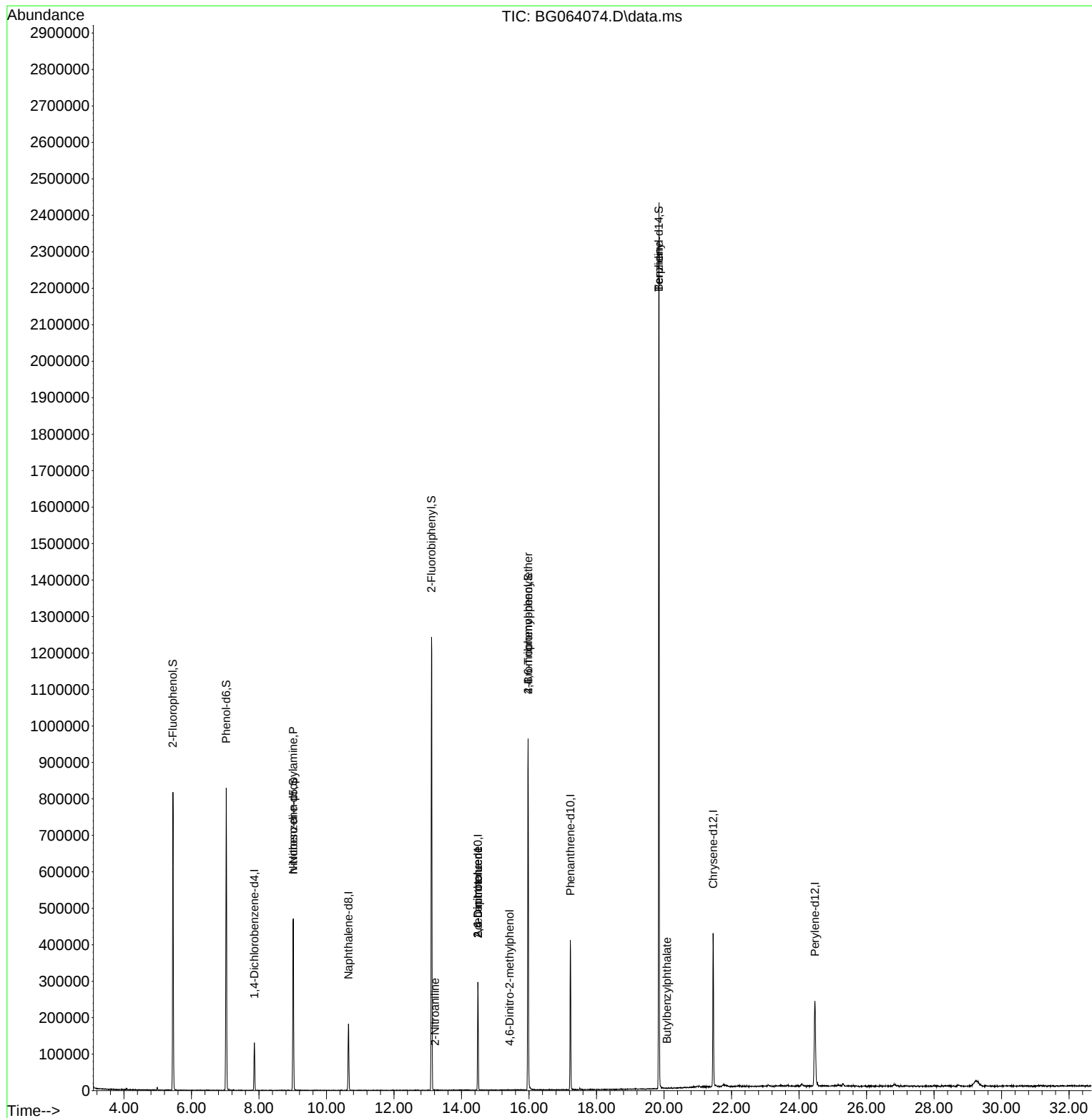
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	32741	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	140985	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	98023	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	230921	20.000	ng	0.00
76) Chrysene-d12	21.454	240	233034	20.000	ng	0.00
86) Perylene-d12	24.468	264	246222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	297876	142.060	ng	0.00
7) Phenol-d6	7.030	99	386605	135.531	ng	0.00
23) Nitrobenzene-d5	9.016	82	247498	97.012	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	163199	149.780	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	611388	94.673	ng	0.00
79) Terphenyl-d14	19.850	244	1126387	97.735	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.016	70	33943	16.955	ng	# 72
48) 2-Nitroaniline	13.217	65	59	3.249	ng	# 11
51) 2,6-Dinitrotoluene	14.486	165	14022	12.241	ng	# 15
57) 2,4-Dinitrotoluene	14.486	165	14022	10.043	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.426	198	60	8.229	ng	# 23
67) 4-Bromophenyl-phenylether	15.972	248	10825	4.577	ng	# 1
77) Benzidine	19.850	184	21692	6.722	ng	# 94
80) Butylbenzylphthalate	20.091	149	82	3.651	ng	# 20

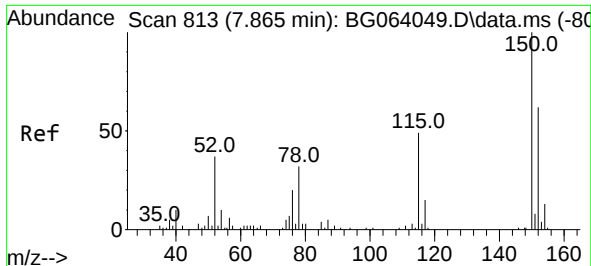
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064074.D
Acq On : 10 Mar 2025 10:03
Operator : RC/JU
Sample : PB167035BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB167035BL

Quant Time: Mar 10 11:45:10 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

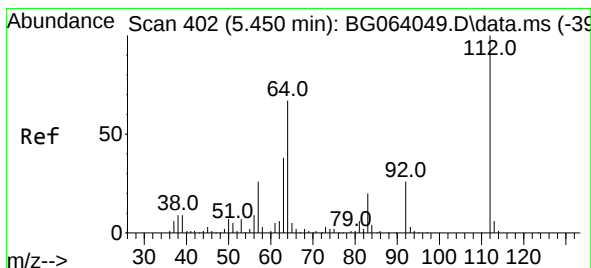
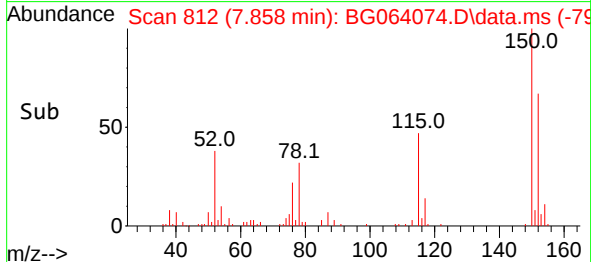
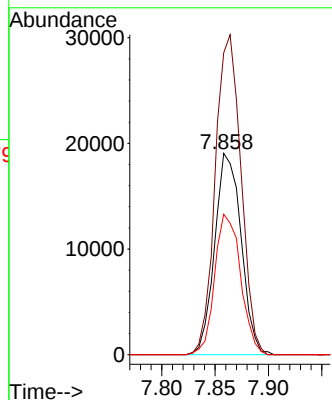
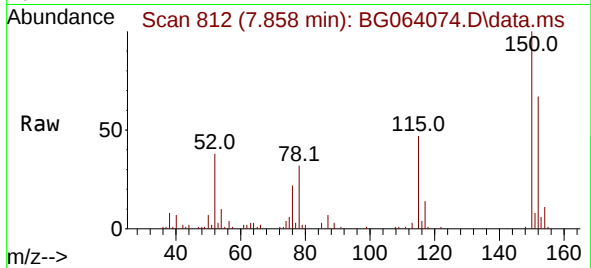




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

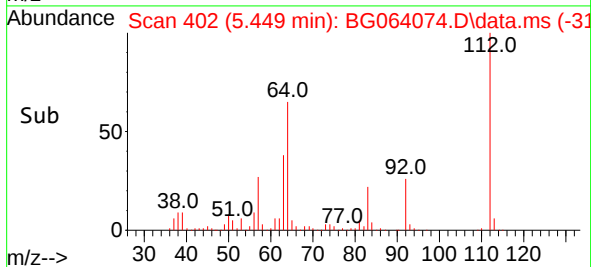
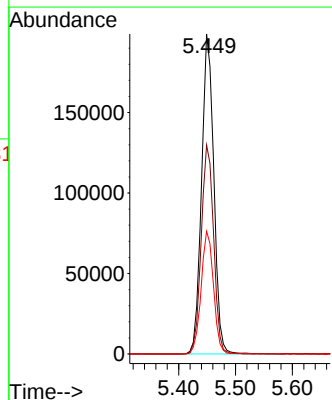
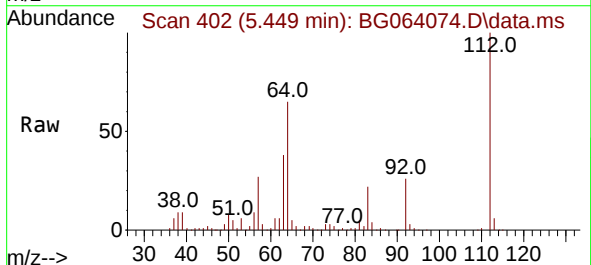
Instrument :
BNA_G
ClientSampleId :
PB167035BL

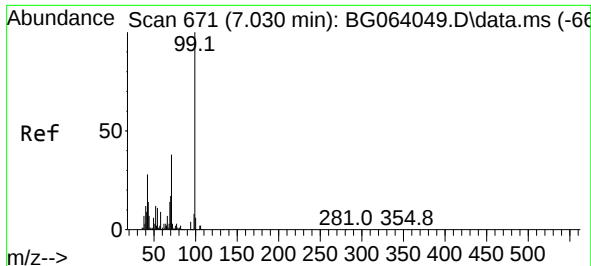
Tgt Ion:152 Resp: 32741
Ion Ratio Lower Upper
152 100
150 150.1 129.2 193.8
115 69.8 63.0 94.6



#5
2-Fluorophenol
Concen: 142.060 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:112 Resp: 297876
Ion Ratio Lower Upper
112 100
64 65.3 53.7 80.5
63 38.3 30.2 45.4

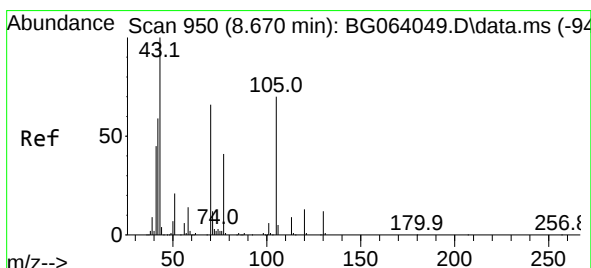
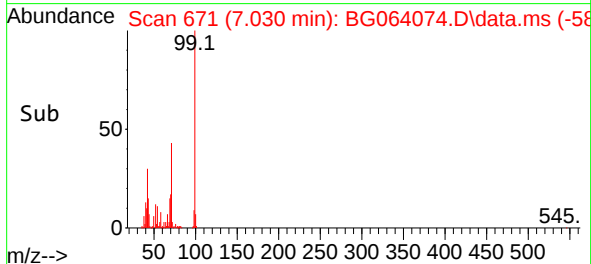
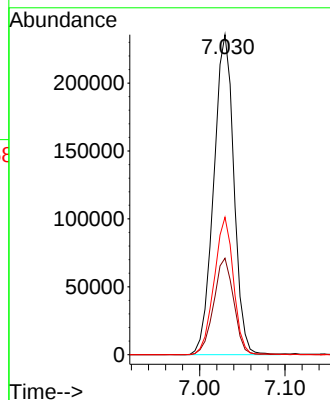
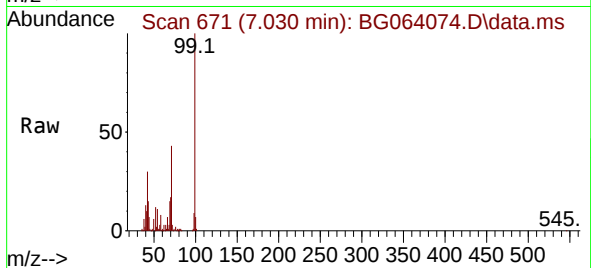




#7
Phenol-d6
Concen: 135.531 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

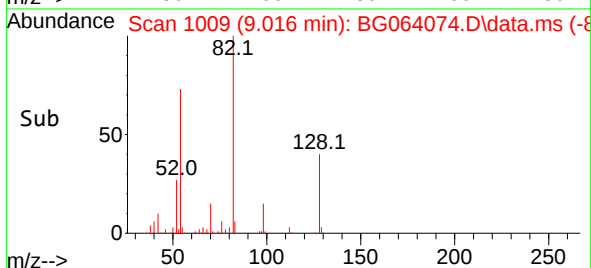
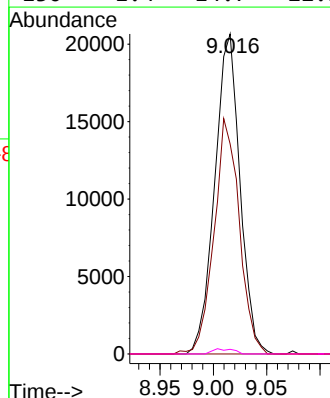
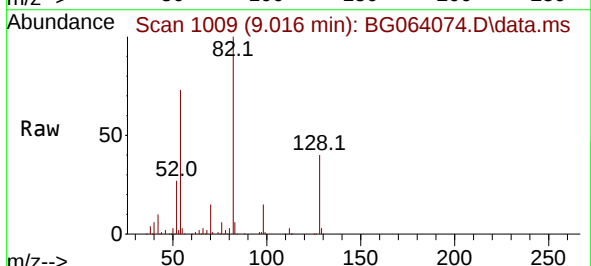
Instrument :
BNA_G
ClientSampleId :
PB167035BL

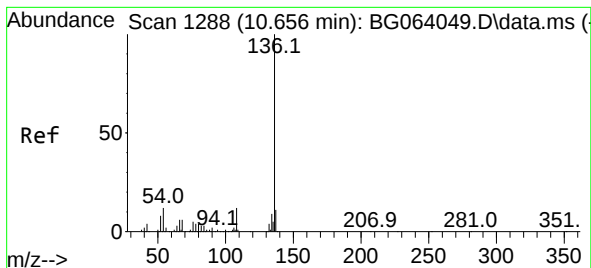
Tgt Ion: 99 Resp: 386605
Ion Ratio Lower Upper
99 100
42 30.2 22.7 34.1
71 42.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.955 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.346 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion: 70 Resp: 33943
Ion Ratio Lower Upper
70 100
42 65.7 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: 10.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

Instrument :

BNA_G

ClientSampleId :

PB167035BL

Tgt Ion:136 Resp: 140985

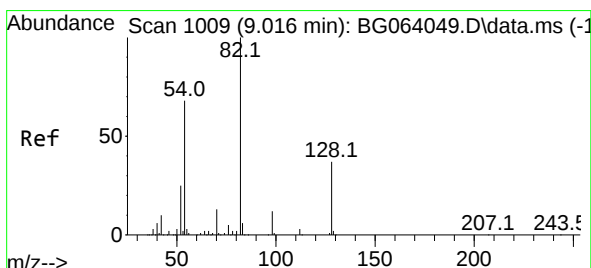
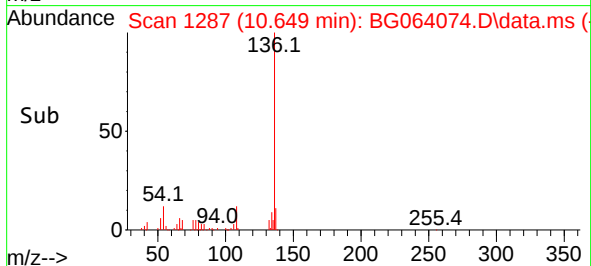
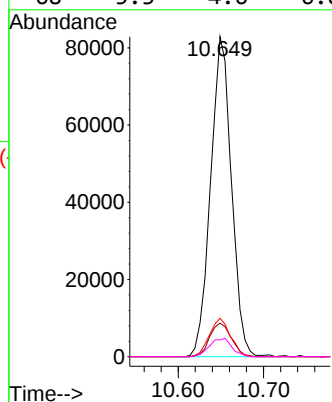
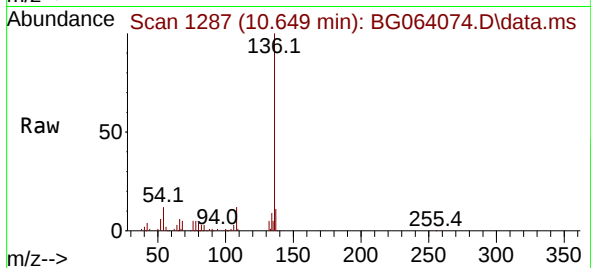
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 12.0 9.9 14.9

68 5.3 4.6 6.8



#23

Nitrobenzene-d5

Concen: 97.012 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

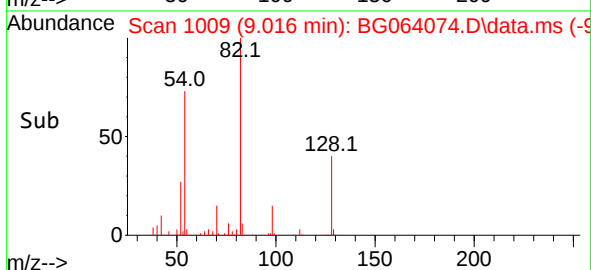
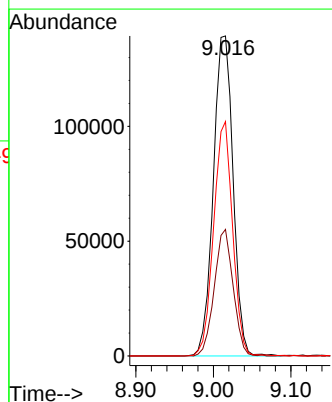
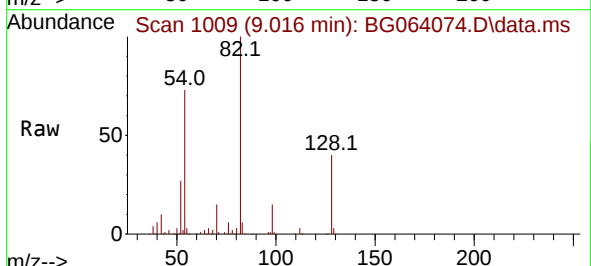
Tgt Ion: 82 Resp: 247498

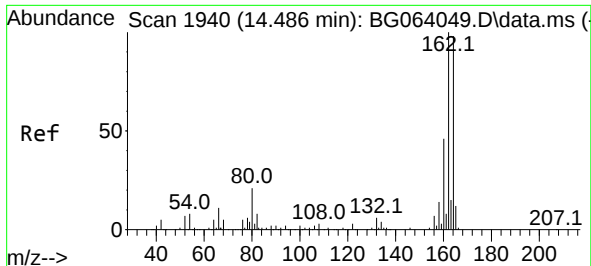
Ion Ratio Lower Upper

82 100

128 39.5 30.0 45.0

54 73.2 54.7 82.1

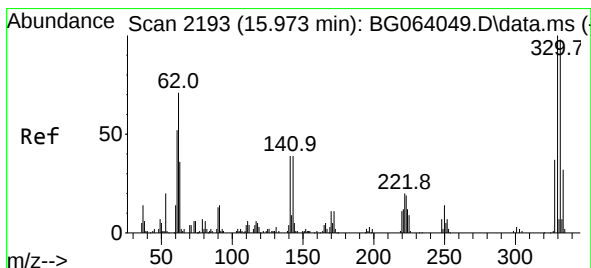
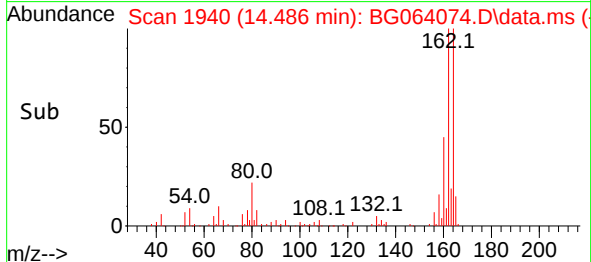
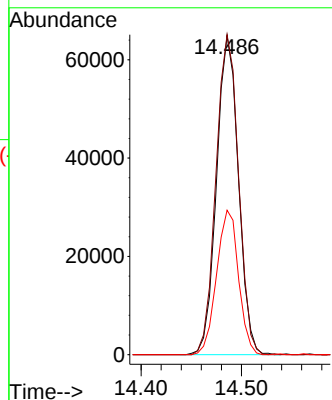
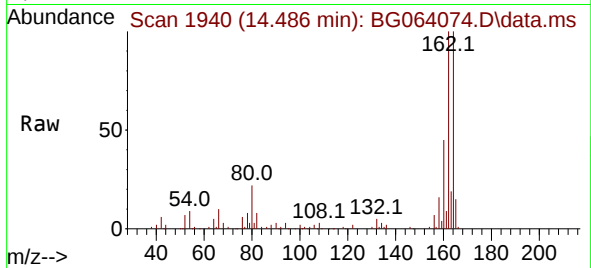




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

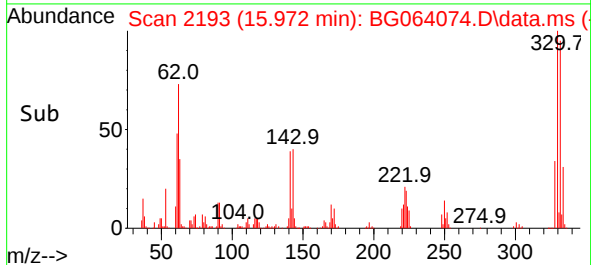
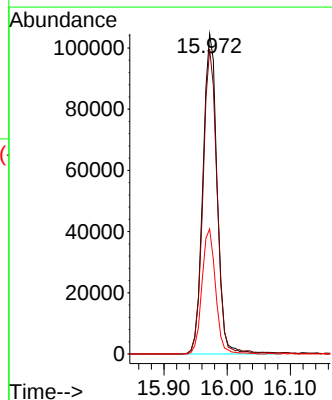
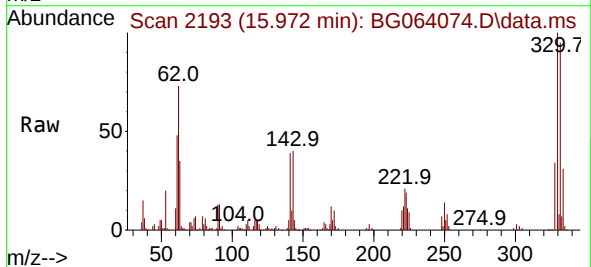
Instrument :
BNA_G
ClientSampleId :
PB167035BL

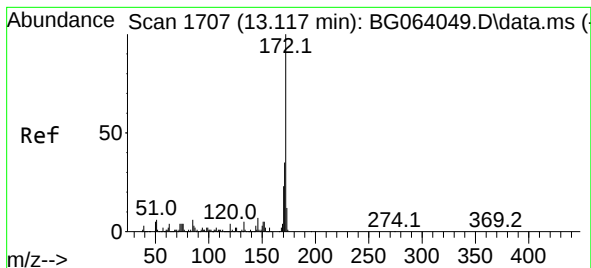
Tgt Ion:164 Resp: 98023
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 149.780 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:330 Resp: 163199
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 37.4 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 94.673 ng

RT: 13.111 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

Instrument :

BNA_G

ClientSampleId :

PB167035BL

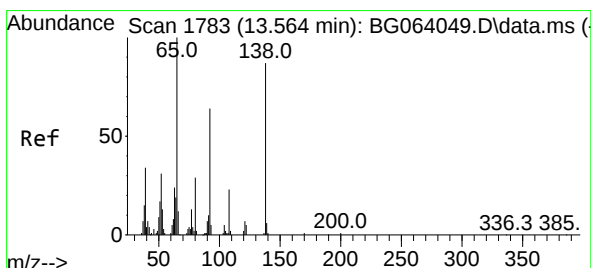
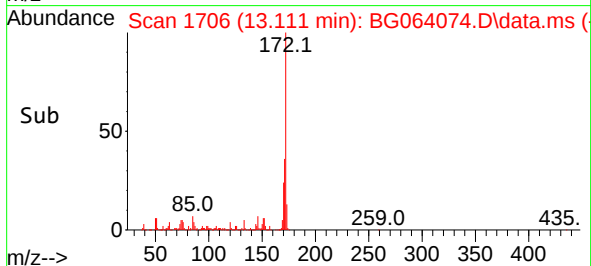
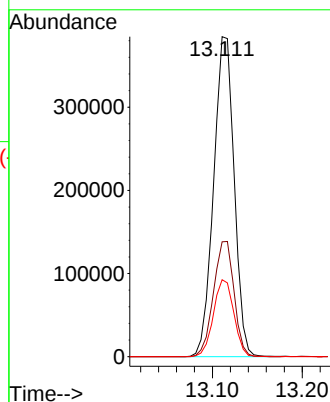
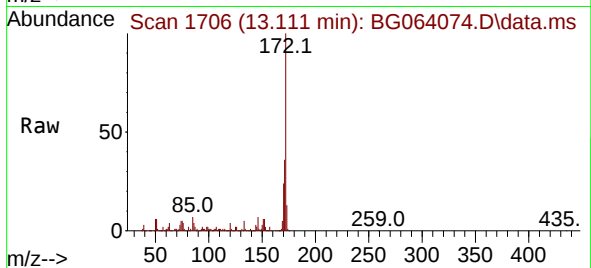
Tgt Ion:172 Resp: 611388

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.249 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.347 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

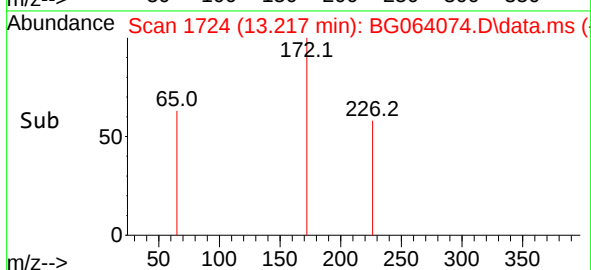
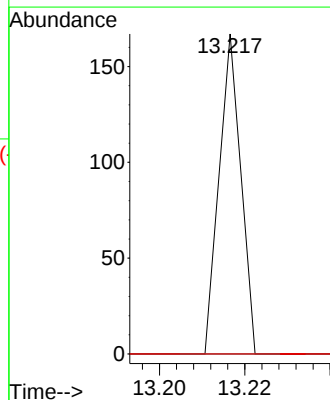
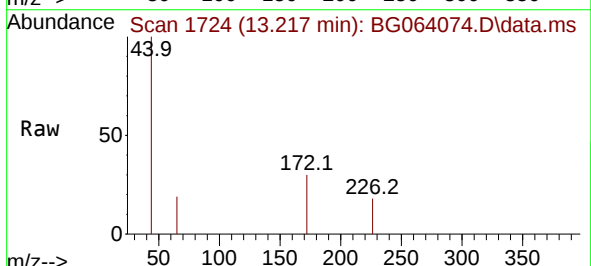
Tgt Ion: 65 Resp: 59

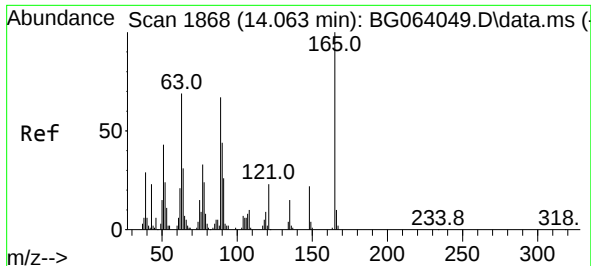
Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#

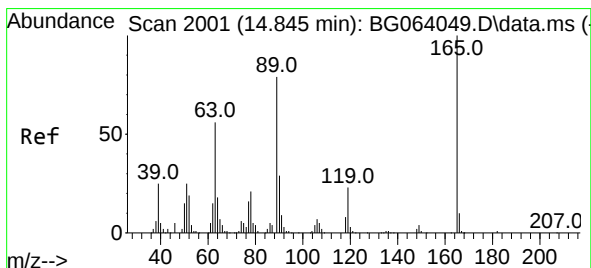
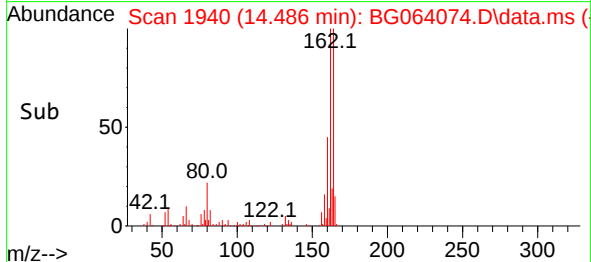
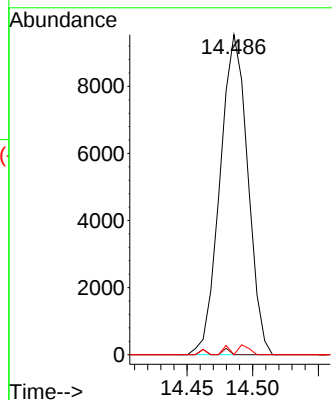
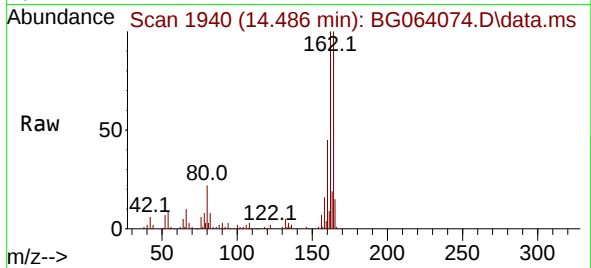




#51
2,6-Dinitrotoluene
Concen: 12.241 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

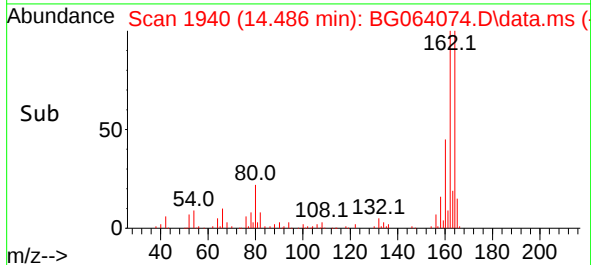
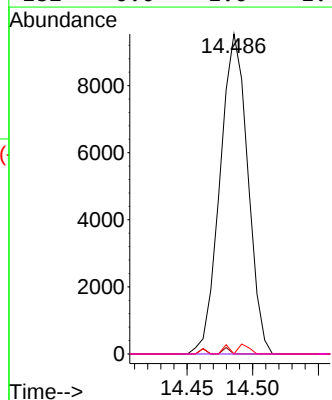
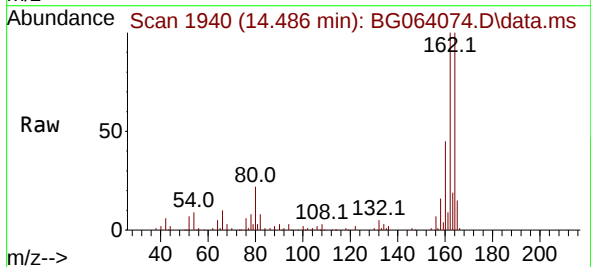
Instrument :
BNA_G
ClientSampleId :
PB167035BL

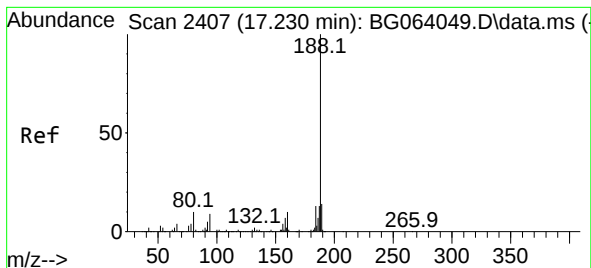
Tgt Ion:165 Resp: 14022
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



#57
2,4-Dinitrotoluene
Concen: 10.043 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.359 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:165 Resp: 14022
Ion Ratio Lower Upper
165 100
63 0.0 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# 24

Delta R.T. -0.006 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

Instrument :

BNA_G

ClientSampleId :

PB167035BL

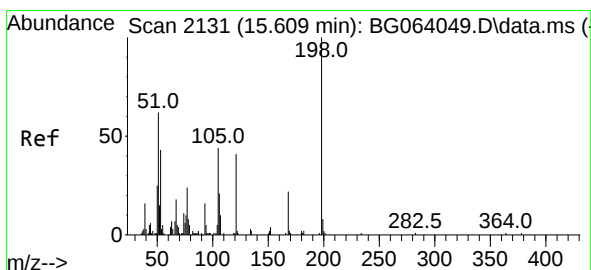
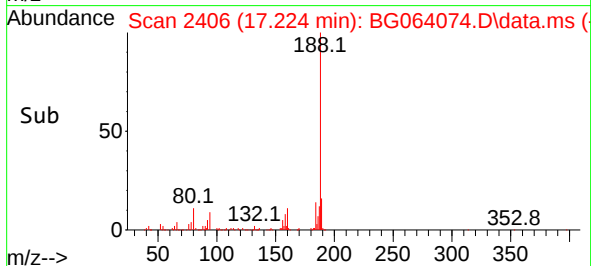
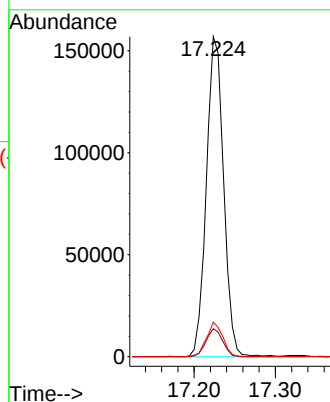
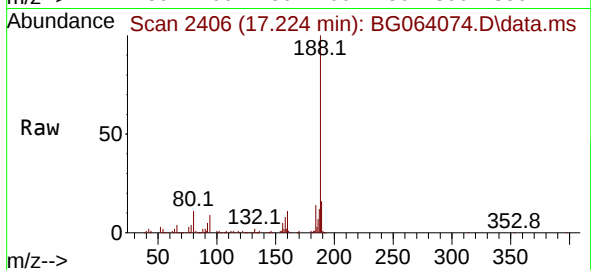
Tgt Ion:188 Resp: 230921

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.229 ng

RT: 15.426 min Scan# 2100

Delta R.T. -0.183 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

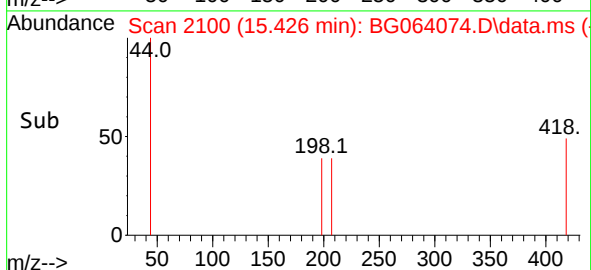
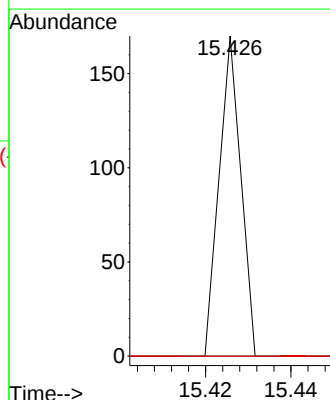
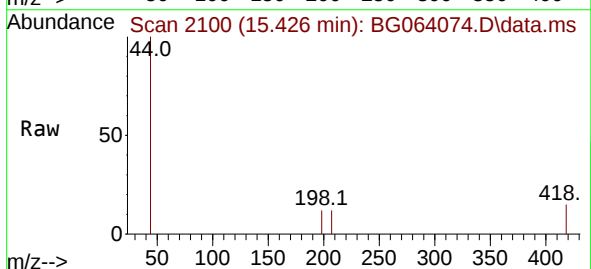
Tgt Ion:198 Resp: 60

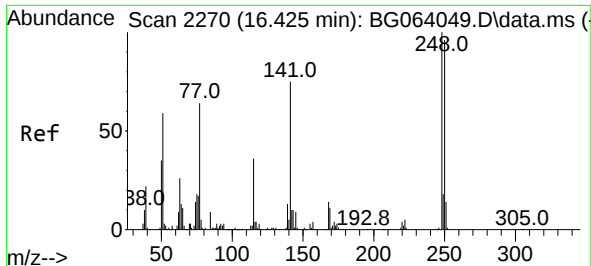
Ion Ratio Lower Upper

198 100

51 0.0 45.6 85.6#

105 0.0 25.3 65.3#

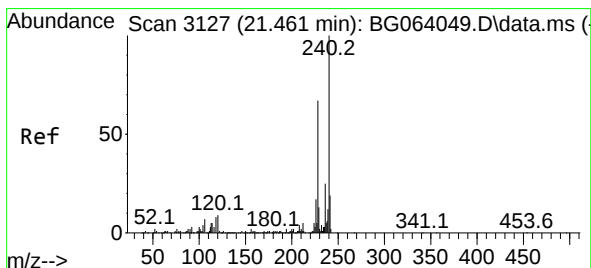
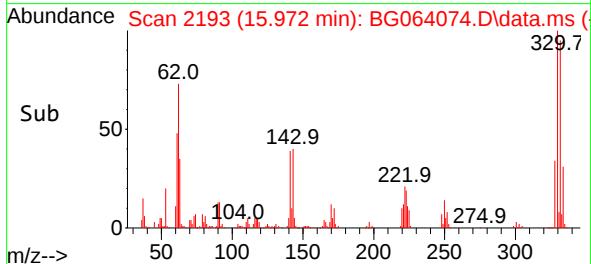
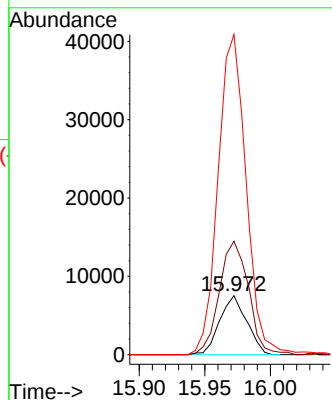
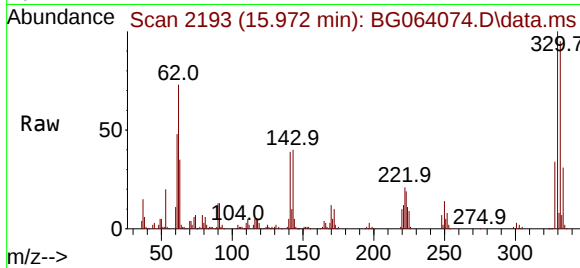




#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

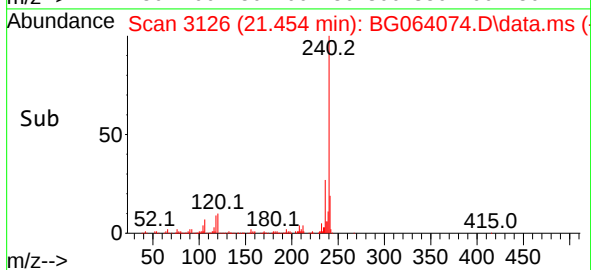
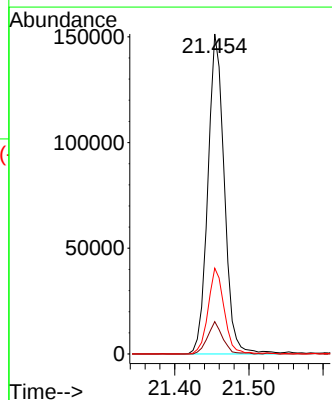
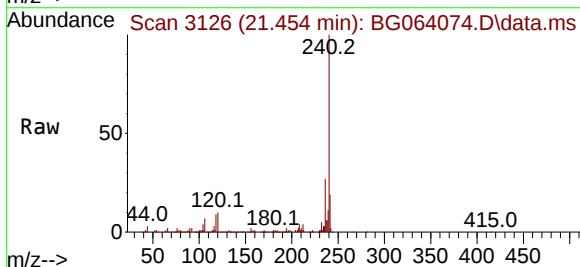
Instrument :
BNA_G
ClientSampleId :
PB167035BL

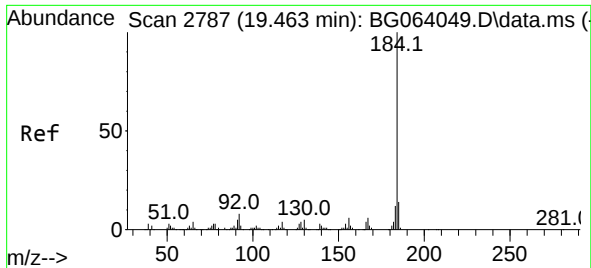
Tgt Ion:248 Resp: 10825
Ion Ratio Lower Upper
248 100
250 192.0 77.1 115.7#
141 542.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:240 Resp: 233034
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.8 20.2 30.2

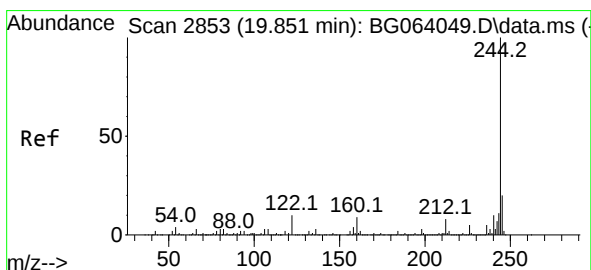
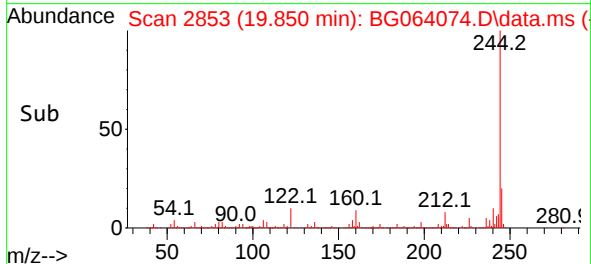
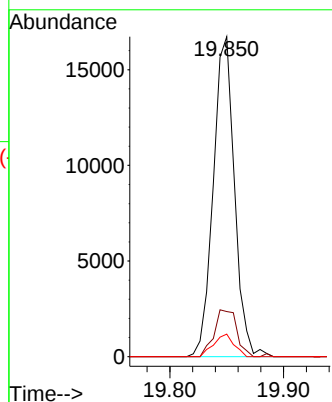
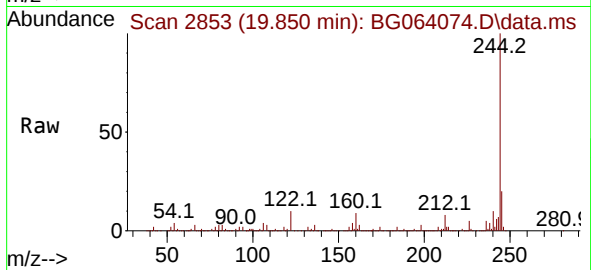




#77
Benzidine
Concen: 6.722 ng
RT: 19.850 min Scan# 21
Delta R.T. 0.387 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

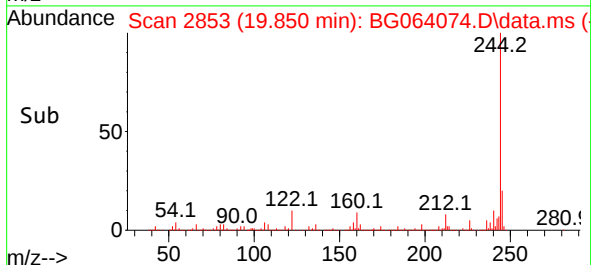
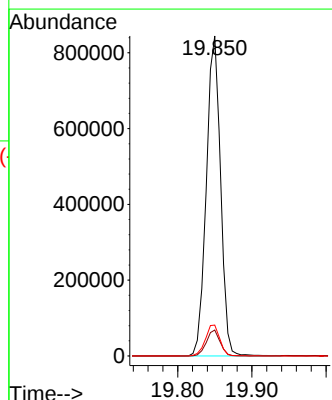
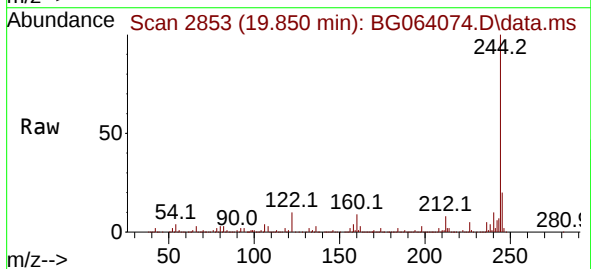
Instrument :
BNA_G
ClientSampleId :
PB167035BL

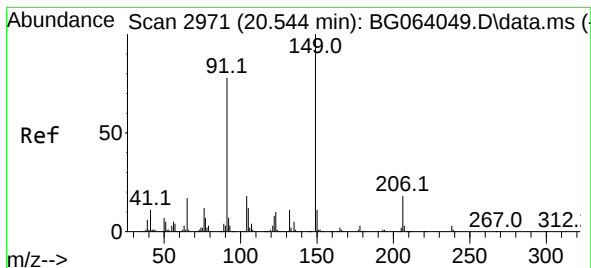
Tgt Ion:184 Resp: 21692
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 7.1 9.5 14.3#



#79
Terphenyl-d14
Concen: 97.735 ng
RT: 19.850 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:244 Resp: 1126387
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 9.7 8.0 12.0

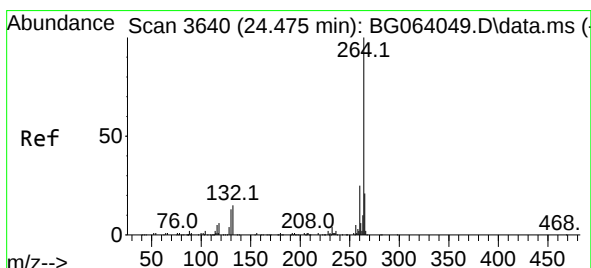
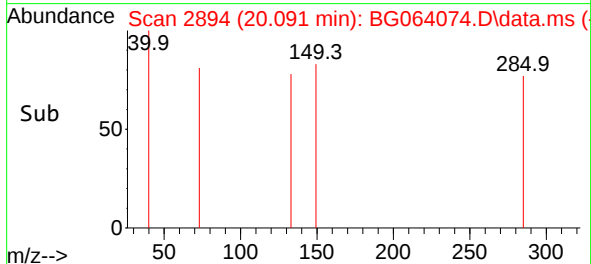
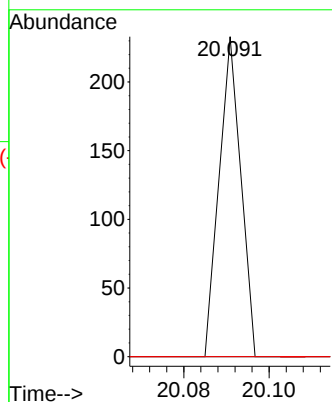
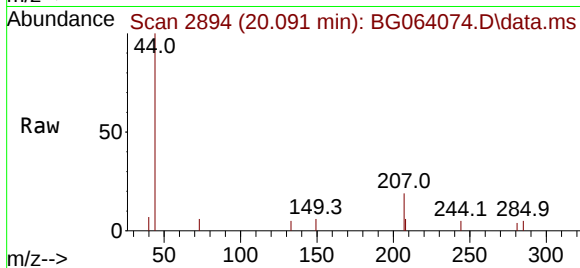




#80
 Butylbenzylphthalate
 Concen: 3.651 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.453 min
 Lab File: BG064074.D
 Acq: 10 Mar 2025 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BL

Tgt Ion:149 Resp: 82
 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: 24.468 min Scan# 3639
 Delta R.T. -0.007 min
 Lab File: BG064074.D
 Acq: 10 Mar 2025 10:03

Tgt Ion:264 Resp: 246222
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.6 16.6 25.0

