

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064663.D
 Acq On : 31 Oct 2025 19:38
 Operator : RC/JU
 Sample : Q3503-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 23:28:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

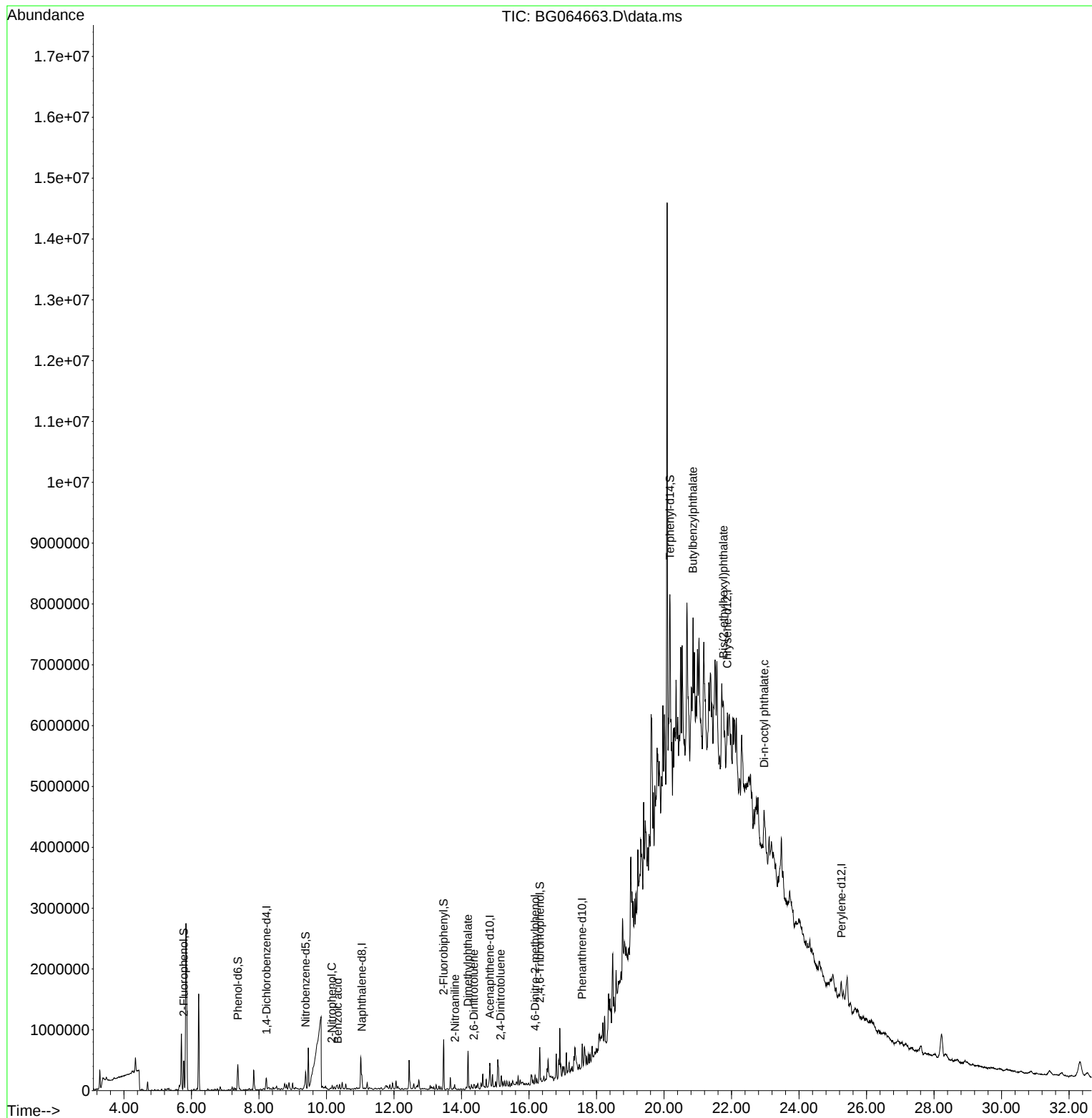
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	46794	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	179589	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	133179	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	262762	20.000	ng	0.00
76) Chrysene-d12	21.878	240	261190	20.000	ng	0.01
86) Perylene-d12	25.256	264	306041	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	173460	62.220	ng	0.03
7) Phenol-d6	7.371	99	254792	66.603	ng	0.01
23) Nitrobenzene-d5	9.381	82	153858	51.457	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	129848	67.553	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	417722	47.542	ng	0.00
79) Terphenyl-d14	20.180	244	664232	47.993	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.156	139	389	3.421	ng	# 1
32) Benzoic acid	10.338	122	3647	8.516	ng	# 77
48) 2-Nitroaniline	13.805	65	749	3.516	ng	# 50
50) Dimethylphthalate	14.193	163	36745	3.606	ng	# 95
51) 2,6-Dinitrotoluene	14.369	165	1179	3.848	ng	# 29
57) 2,4-Dinitrotoluene	15.156	165	1270	3.508	ng	# 43
65) 4,6-Dinitro-2-methylph...	16.179	198	79	5.487	ng	# 1
80) Butylbenzylphthalate	20.861	149	20885	4.049	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.760	149	252511	32.765	ng	# 92
85) Di-n-octyl phthalate	22.971	149	49495	3.809	ng	# 1

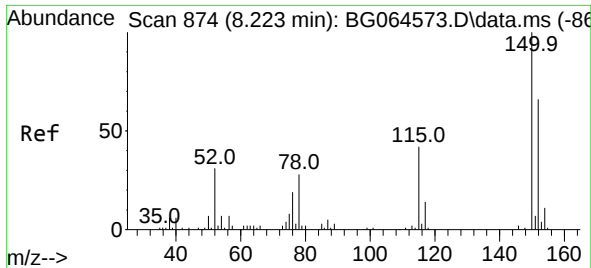
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064663.D
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Sample : Q3503-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Oct 31 23:28:45 2025
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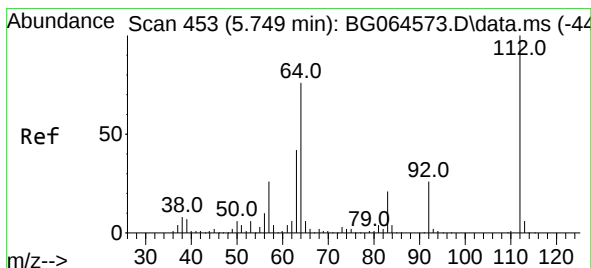
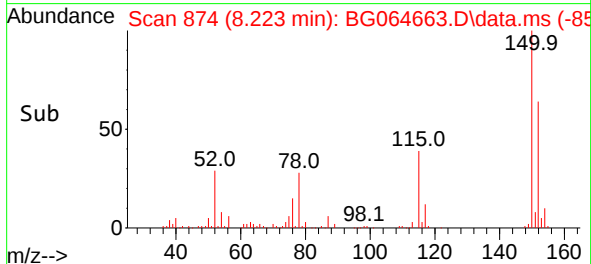
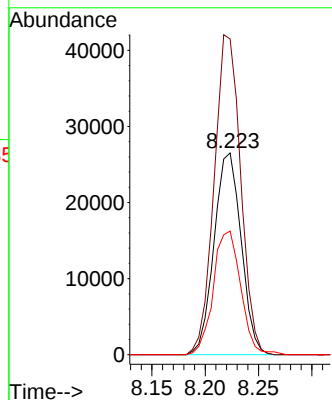
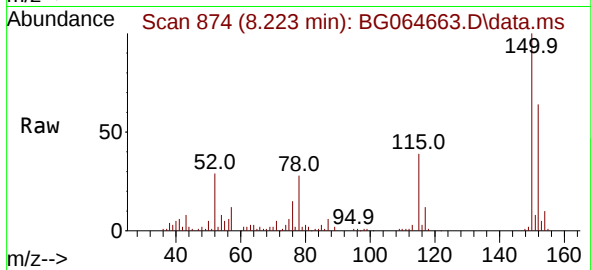




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

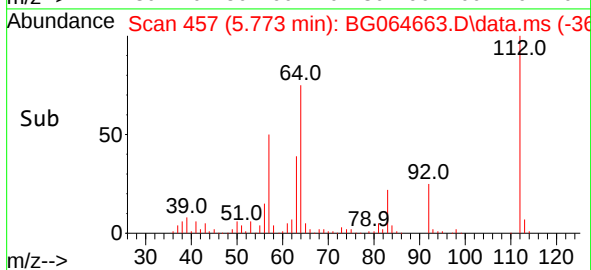
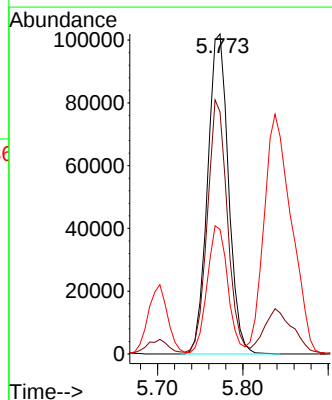
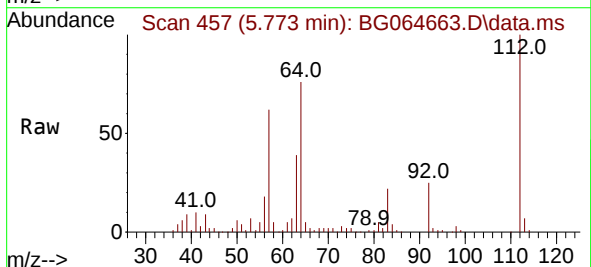
Instrument :
BNA_G
ClientSampleId :

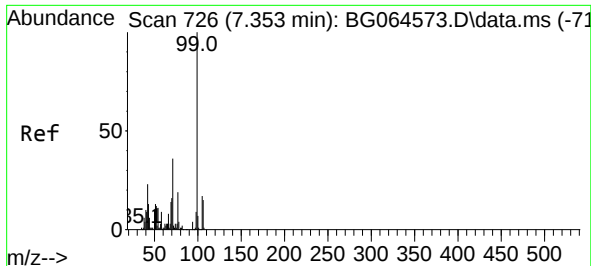
Tgt Ion:152 Resp: 46794
Ion Ratio Lower Upper
152 100
150 156.5 122.2 183.4
115 61.3 50.8 76.2



#5
2-Fluorophenol
Concen: 62.220 ng
RT: 5.773 min Scan# 457
Delta R.T. 0.026 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:112 Resp: 173460
Ion Ratio Lower Upper
112 100
64 75.6 60.7 91.1
63 38.9 33.4 50.0





#7

Phenol-d6

Concen: 66.603 ng

RT: 7.371 min Scan# 71

Delta R.T. 0.014 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

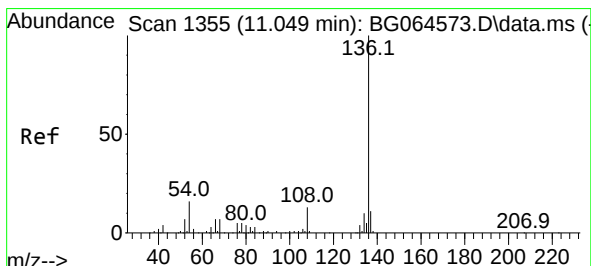
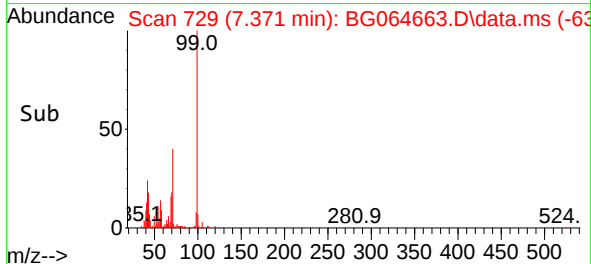
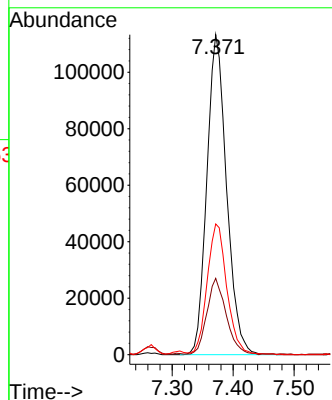
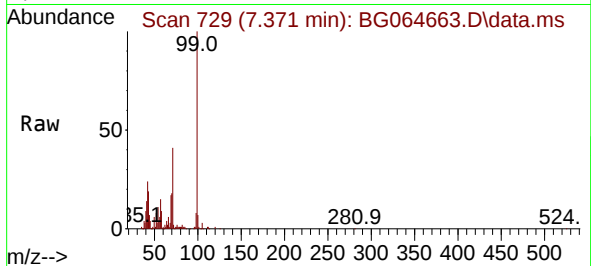
Tgt Ion: 99 Resp: 254792

Ion Ratio Lower Upper

99 100

42 23.8 18.3 27.5

71 40.8 28.6 43.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.049 min Scan# 1355

Delta R.T. -0.003 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Tgt Ion:136 Resp: 179589

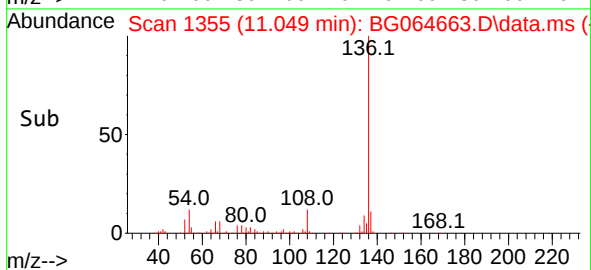
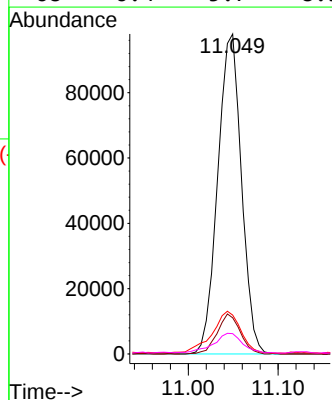
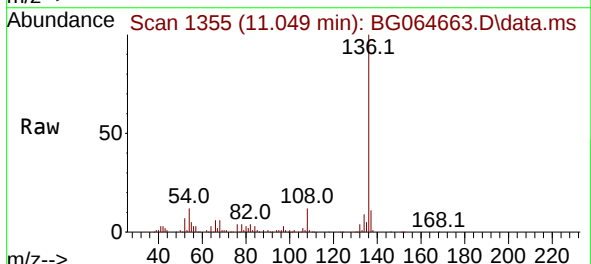
Ion Ratio Lower Upper

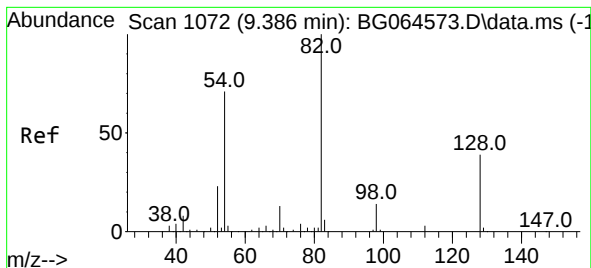
136 100

137 11.3 9.2 13.8

54 12.2 12.6 19.0#

68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 51.457 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

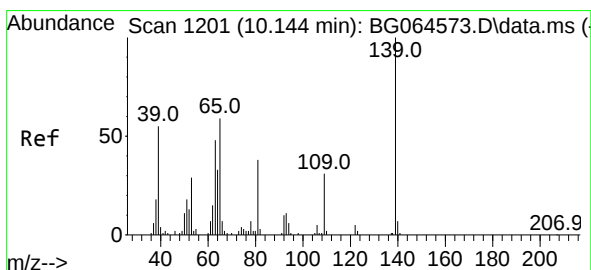
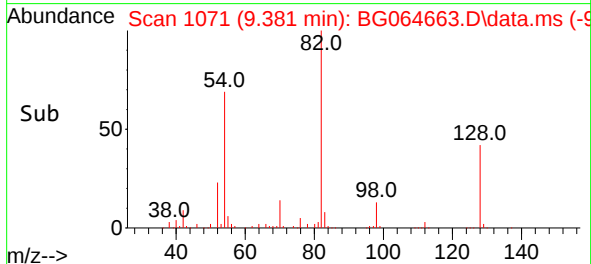
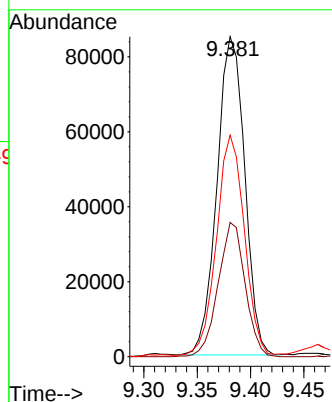
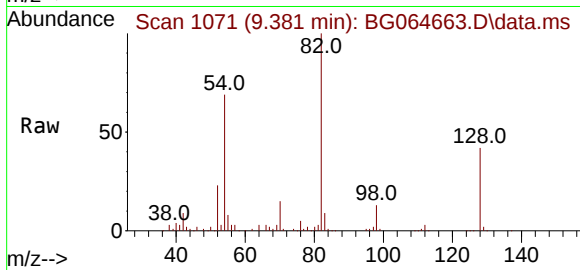
Tgt Ion: 82 Resp: 153858

Ion Ratio Lower Upper

82 100

128 41.9 31.3 46.9

54 69.2 56.6 84.8



#26

2-Nitrophenol

Concen: 3.421 ng

RT: 10.156 min Scan# 1203

Delta R.T. 0.008 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

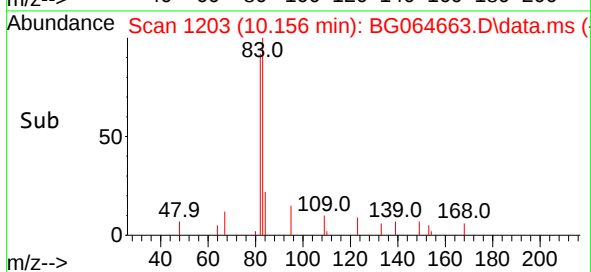
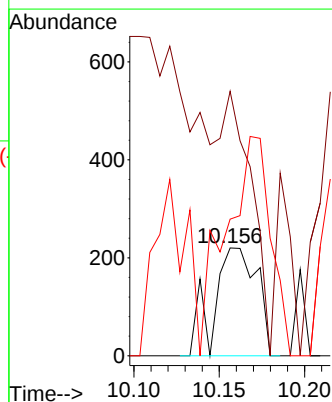
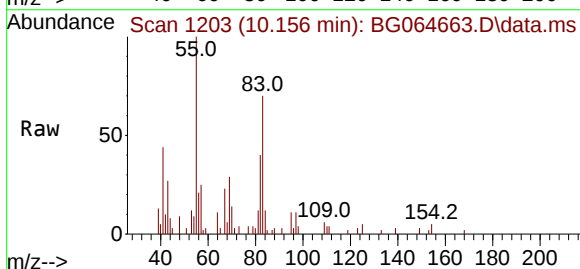
Tgt Ion:139 Resp: 389

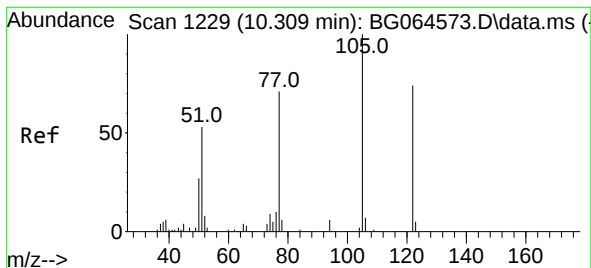
Ion Ratio Lower Upper

139 100

109 245.5 24.6 37.0#

65 126.8 47.5 71.3#





#32

Benzoic acid

Concen: 8.516 ng

RT: 10.338 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

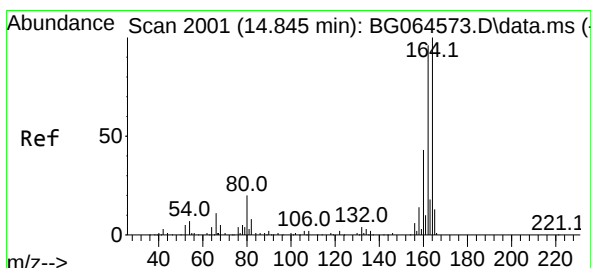
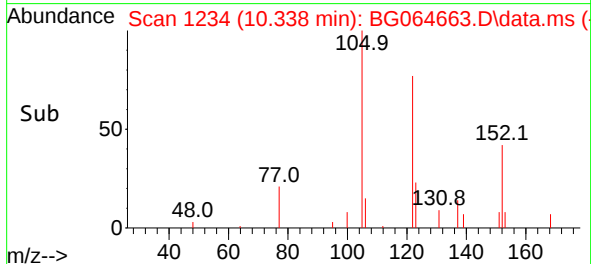
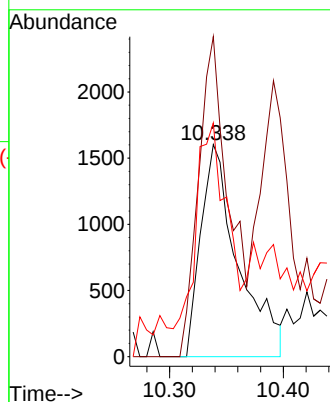
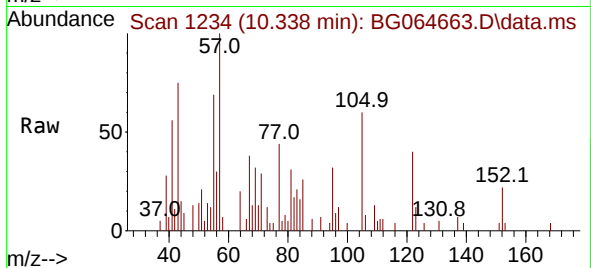
Tgt Ion:122 Resp: 3647

Ion Ratio Lower Upper

122 100

105 150.8 104.2 144.2#

77 110.2 70.2 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

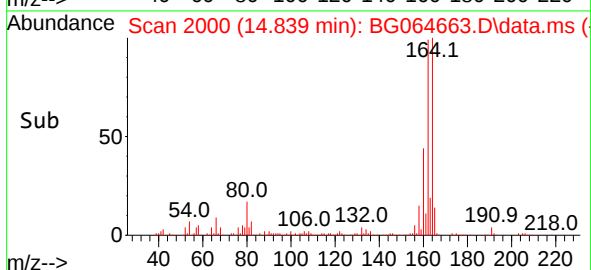
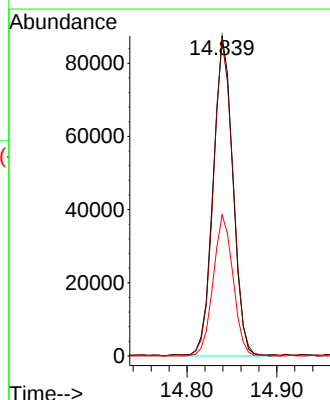
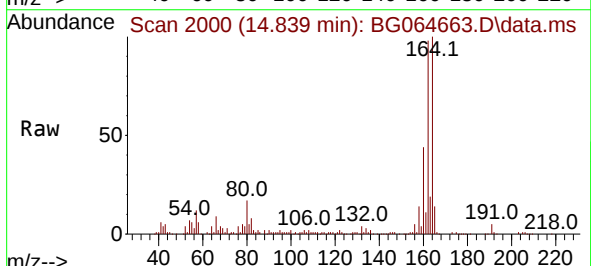
Tgt Ion:164 Resp: 133179

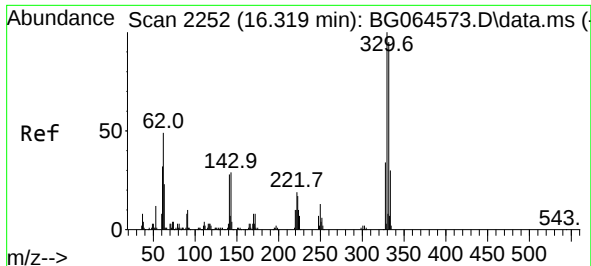
Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

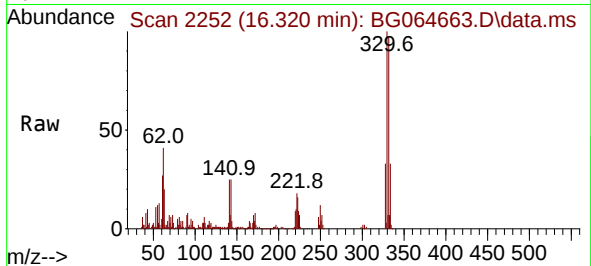
160 44.1 34.4 51.6



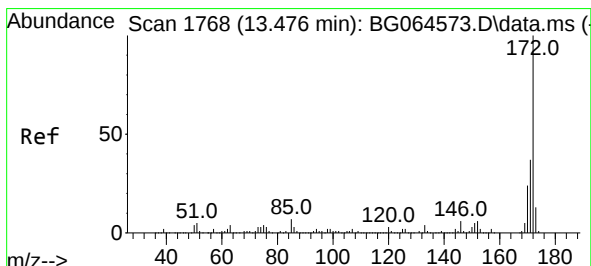
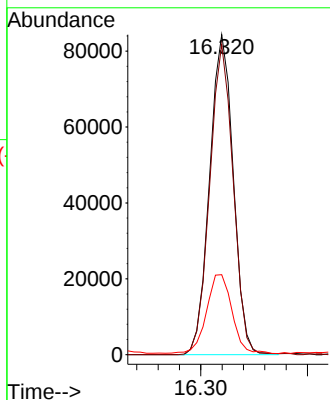
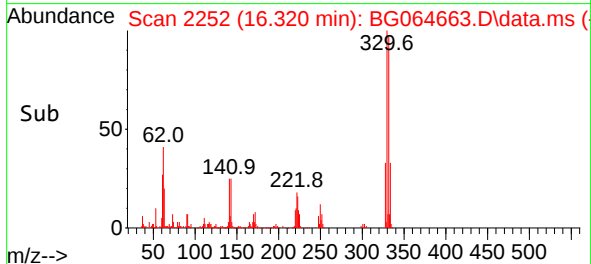


#42
2,4,6-Tribromophenol
Concen: 67.553 ng
RT: 16.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

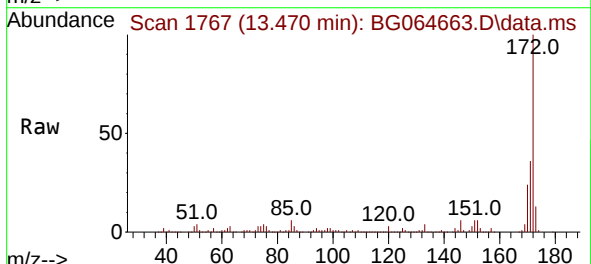
Instrument :
BNA_G
ClientSampleId :



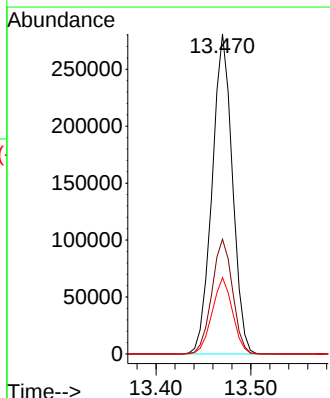
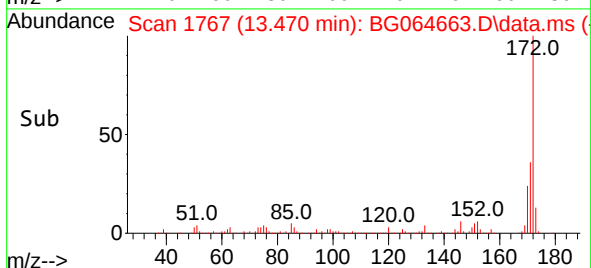
Tgt Ion:330 Resp: 129848
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 26.6 21.8 32.6

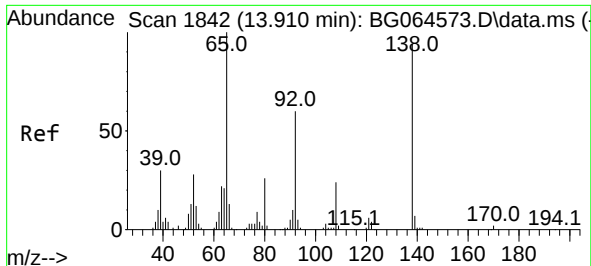


#45
2-Fluorobiphenyl
Concen: 47.542 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38



Tgt Ion:172 Resp: 417722
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.9 19.1 28.7

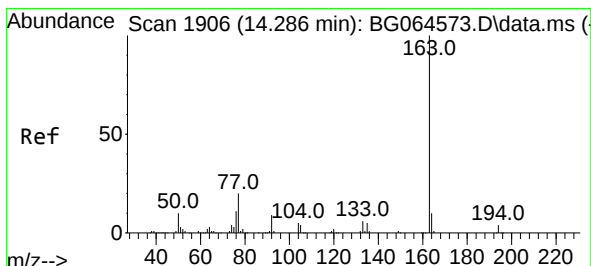
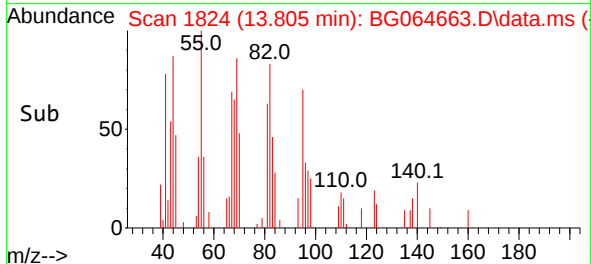
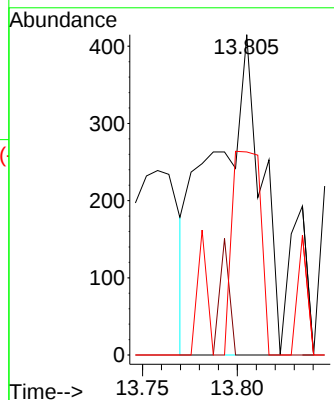
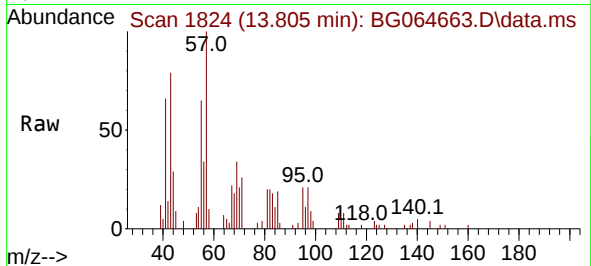




#48
2-Nitroaniline
Concen: 3.516 ng
RT: 13.805 min Scan# 1824
Delta R.T. -0.109 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

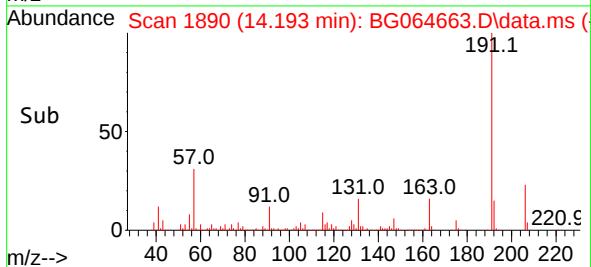
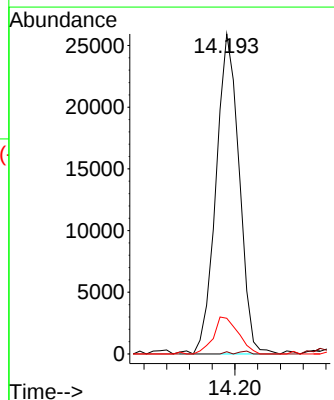
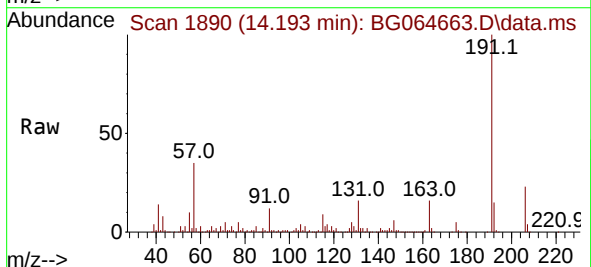
Instrument :
BNA_G
ClientSampleId :

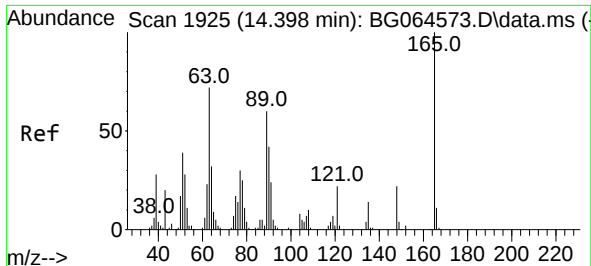
Tgt Ion: 65 Resp: 749
Ion Ratio Lower Upper
65 100
92 0.0 48.3 72.5#
138 63.4 74.9 112.3#



#50
Dimethylphthalate
Concen: 3.606 ng
RT: 14.193 min Scan# 1890
Delta R.T. -0.097 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:163 Resp: 36745
Ion Ratio Lower Upper
163 100
194 0.7 2.8 4.2#
164 11.2 7.7 11.5





#51

2,6-Dinitrotoluene

Concen: 3.848 ng

RT: 14.369 min Scan# 1925

Delta R.T. -0.033 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

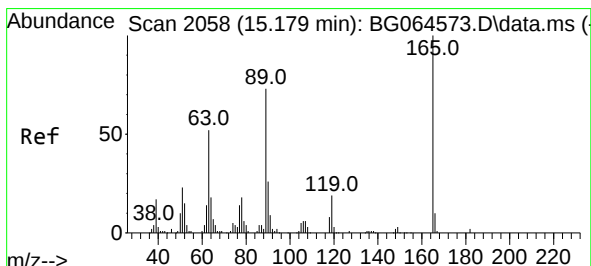
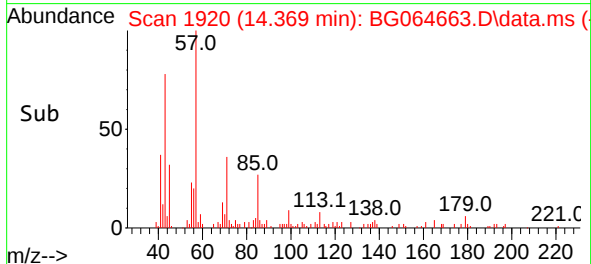
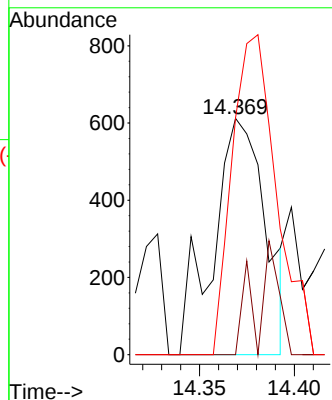
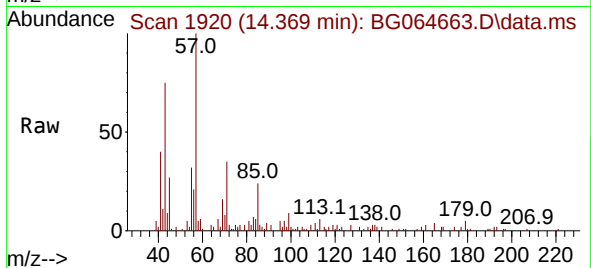
Tgt Ion:165 Resp: 1179

Ion Ratio Lower Upper

165 100

63 0.0 57.4 86.0#

89 100.3 47.8 71.8#



#57

2,4-Dinitrotoluene

Concen: 3.508 ng

RT: 15.156 min Scan# 2054

Delta R.T. -0.033 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Tgt Ion:165 Resp: 1270

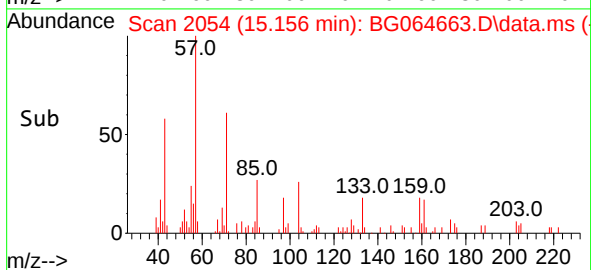
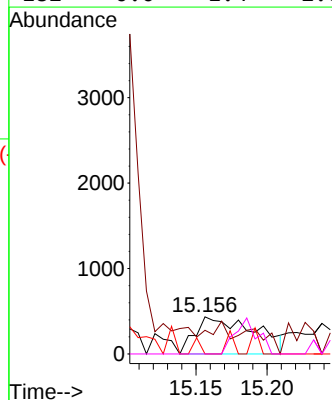
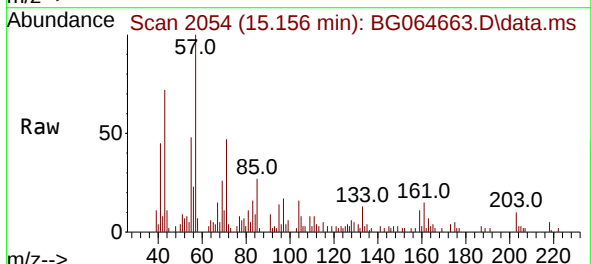
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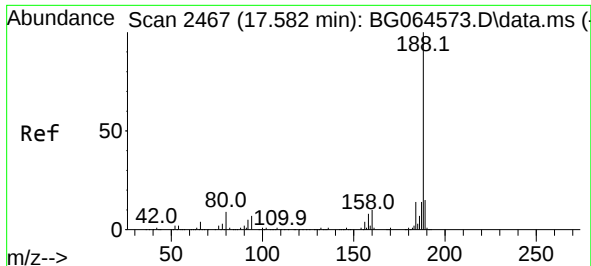
165 100

63 63.9 41.8 62.8#

89 0.0 58.1 87.1#

182 0.0 1.4 2.0#

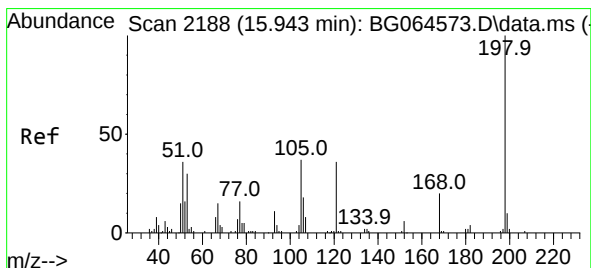
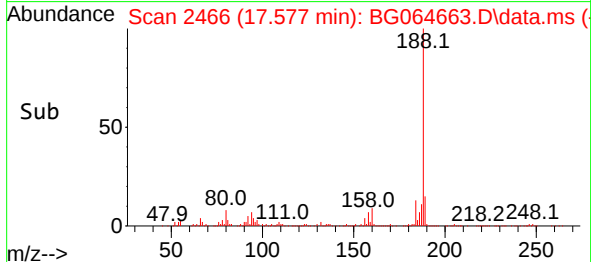
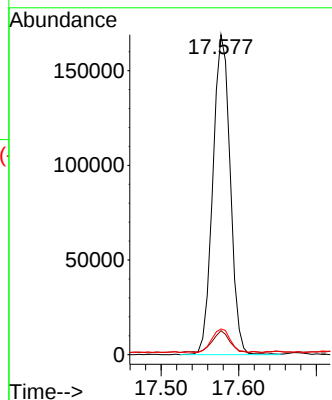
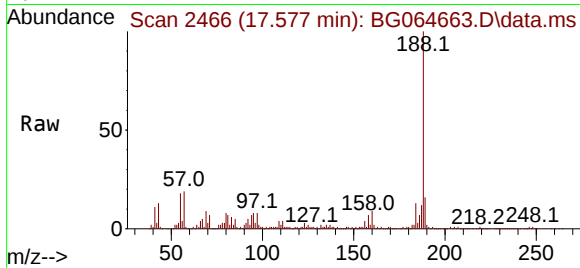




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

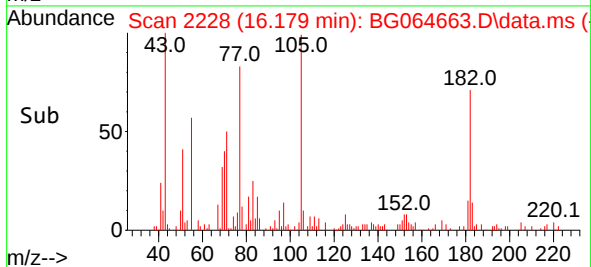
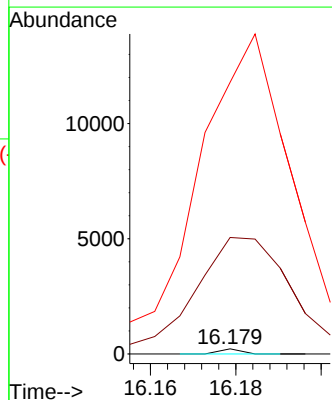
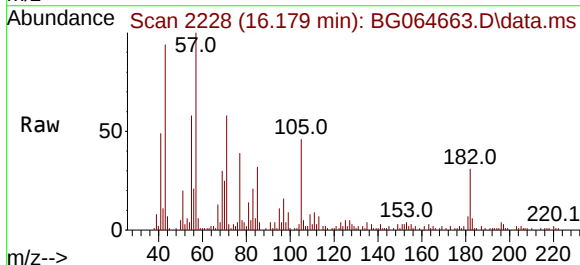
Instrument :
BNA_G
ClientSampleId :

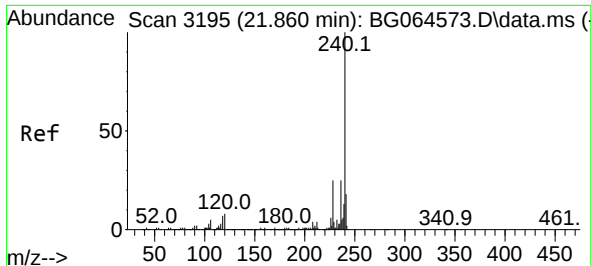
Tgt Ion:188 Resp: 262762
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.1 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.487 ng
RT: 16.179 min Scan# 2228
Delta R.T. 0.232 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:198 Resp: 79
Ion Ratio Lower Upper
198 100
51 2267.7 24.7 64.7#
105 5288.8 18.0 58.0#

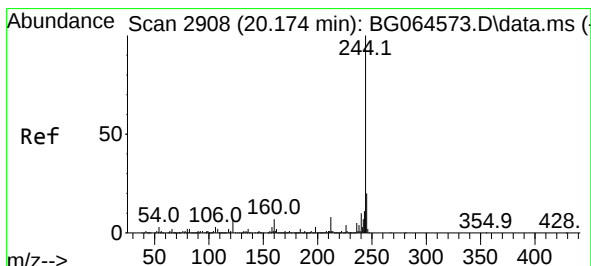
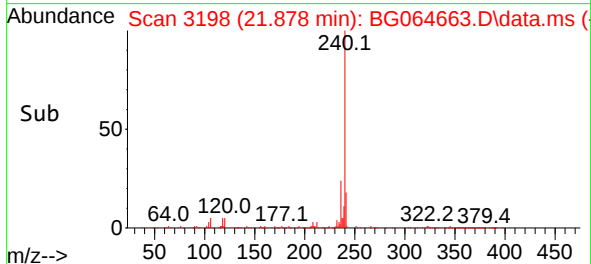
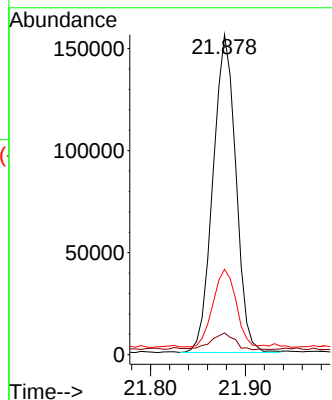
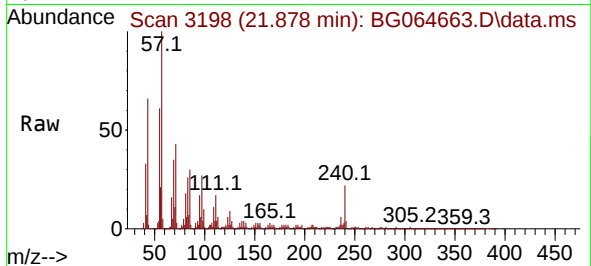




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

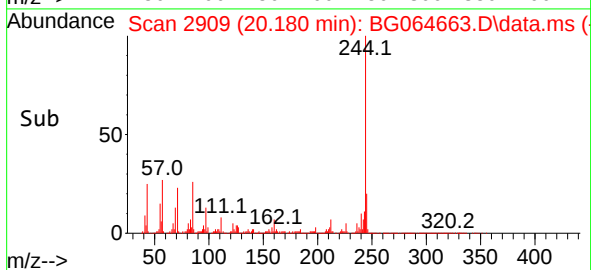
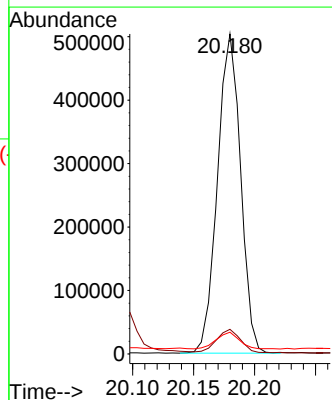
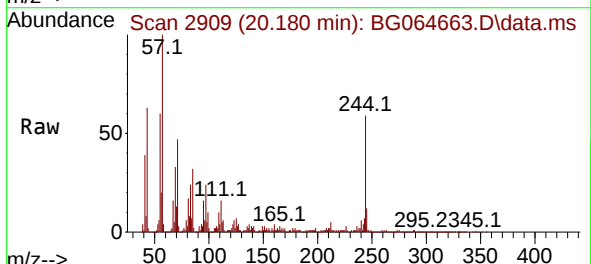
Instrument :
BNA_G
ClientSampleId :

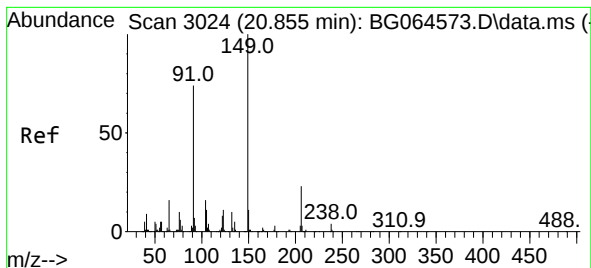
Tgt Ion:240 Resp: 261190
Ion Ratio Lower Upper
240 100
120 6.8 6.5 9.7
236 26.7 20.2 30.2



#79
Terphenyl-d14
Concen: 47.993 ng
RT: 20.180 min Scan# 2909
Delta R.T. 0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:244 Resp: 664232
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 6.8 5.6 8.4





#80

Butylbenzylphthalate

Concen: 4.049 ng

RT: 20.861 min Scan# 3024

Delta R.T. 0.003 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

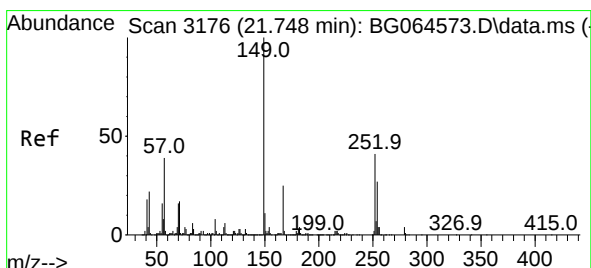
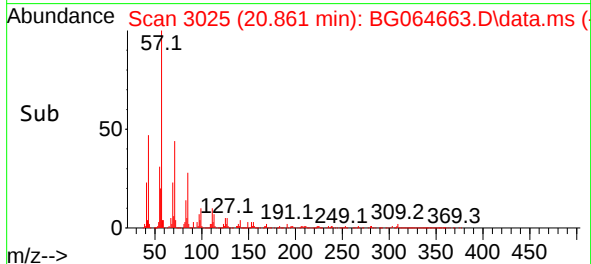
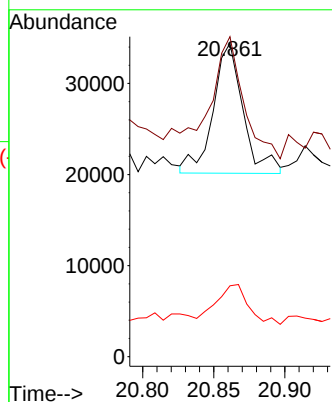
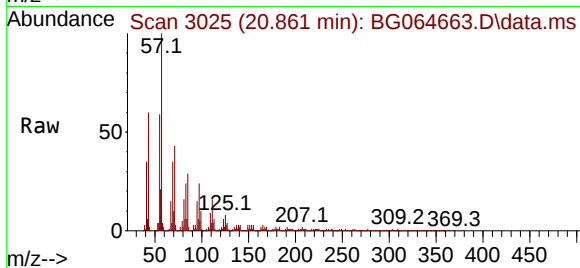
Tgt Ion:149 Resp: 20885

Ion Ratio Lower Upper

149 100

91 102.1 59.2 88.8#

206 22.6 18.1 27.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.765 ng

RT: 21.760 min Scan# 3178

Delta R.T. 0.009 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

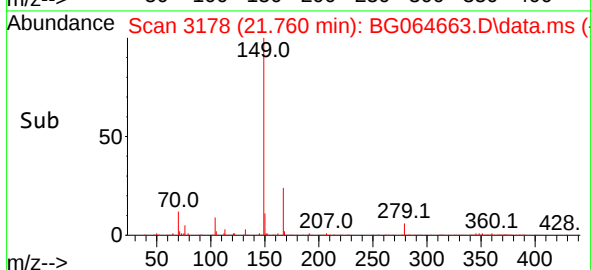
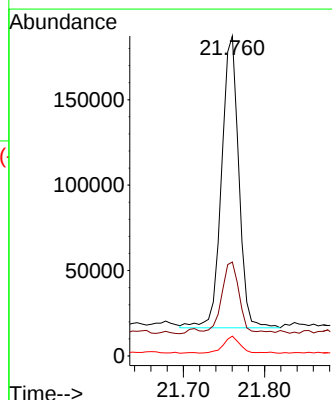
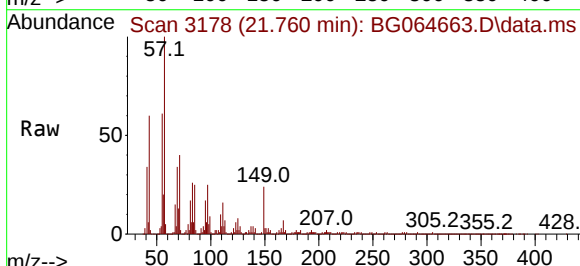
Tgt Ion:149 Resp: 252511

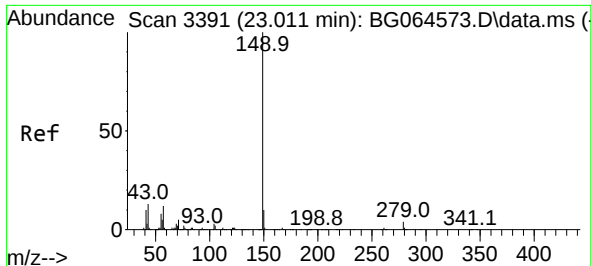
Ion Ratio Lower Upper

149 100

167 29.4 20.0 30.0

279 6.2 3.1 4.7#

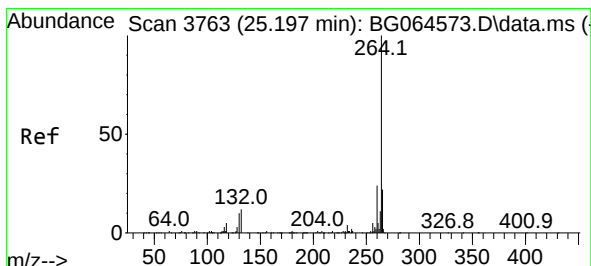
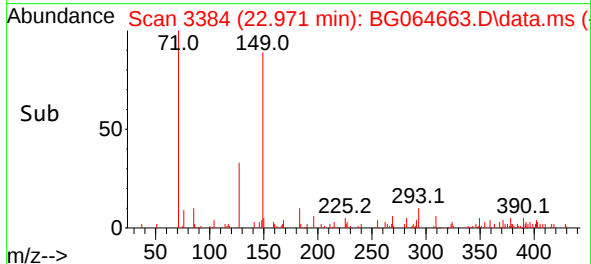
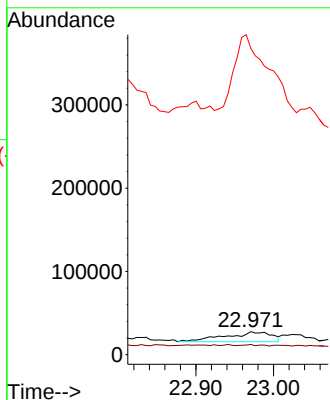
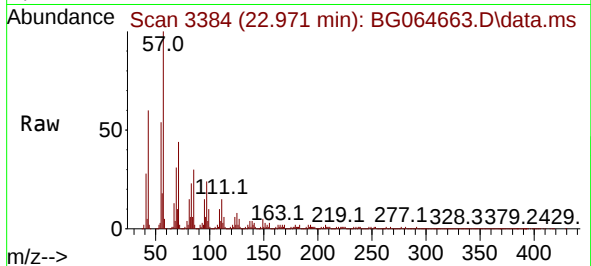




#85
Di-n-octyl phthalate
Concen: 3.809 ng
RT: 22.971 min Scan# 31
Delta R.T. -0.044 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 49495
Ion Ratio Lower Upper
149 100
167 5.3 1.3 1.9#
43 565.8 10.8 16.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.256 min Scan# 3773
Delta R.T. 0.056 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:264 Resp: 306041
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 20.3 17.6 26.4

