

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064194.D
 Acq On : 4 Apr 2025 9:28
 Operator : RC/JU
 Sample : Q1705-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 19:02:54 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)

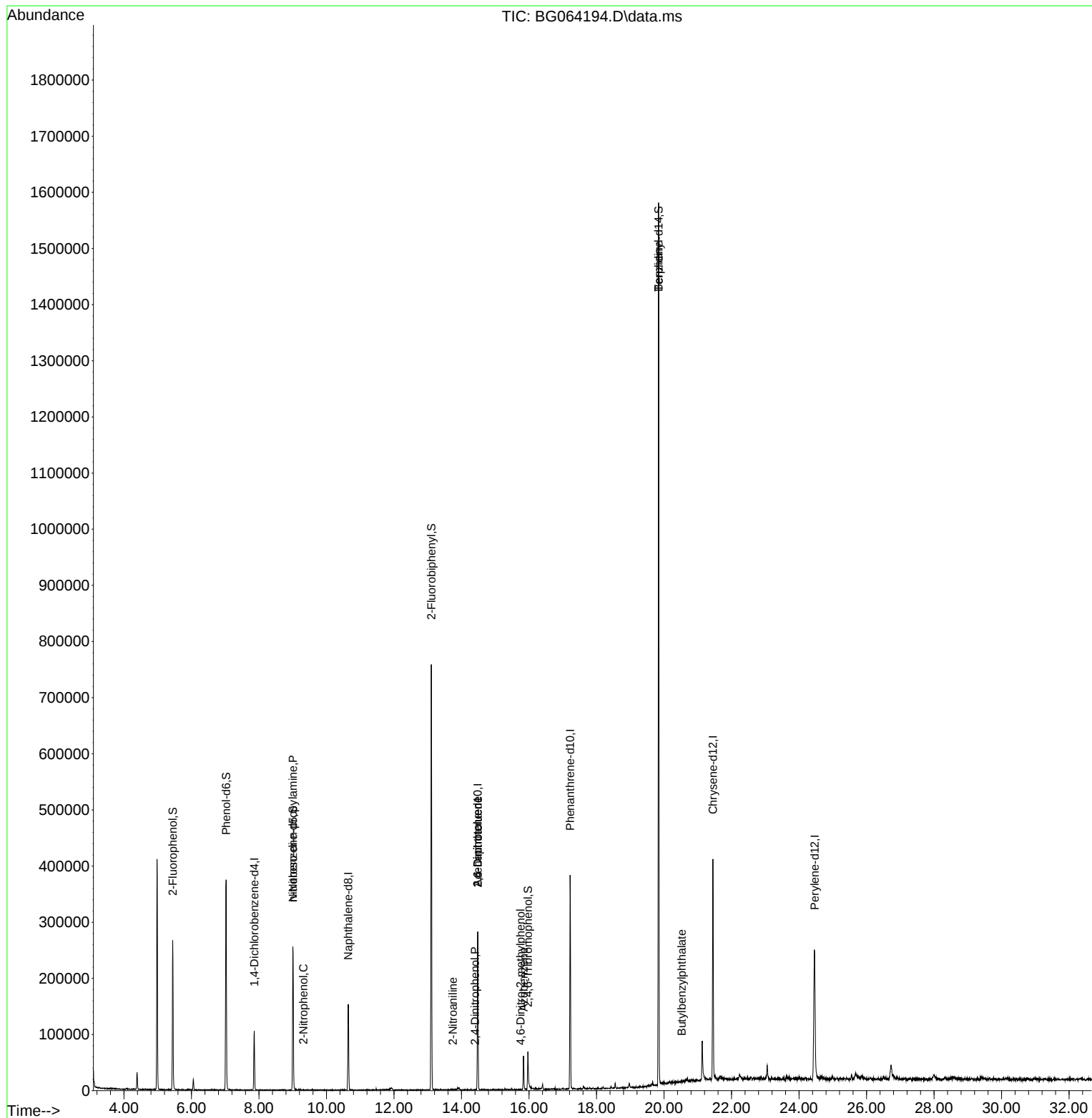
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	25289	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	116932	20.000	ng	#-0.01
39) Acenaphthene-d10	14.479	164	93690	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	219086	20.000	ng	-0.01
76) Chrysene-d12	21.448	240	224612	20.000	ng	-0.01
86) Perylene-d12	24.462	264	240188	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	97141	59.979	ng	0.00
7) Phenol-d6	7.024	99	177805	80.700	ng	0.00
23) Nitrobenzene-d5	9.004	82	132430	62.586	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	15012	14.415	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	366001	59.296	ng	-0.01
79) Terphenyl-d14	19.838	244	719530	64.773	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.004	70	18398	11.898	ng	# 83
26) 2-Nitrophenol	9.315	139	82	3.402	ng	# 26
48) 2-Nitroaniline	13.745	65	62	3.252	ng	# 11
51) 2,6-Dinitrotoluene	14.479	165	12466	11.621	ng	# 18
54) 2,4-Dinitrophenol	14.397	184	54	7.965	ng	# 15
57) 2,4-Dinitrotoluene	14.479	165	12466	9.596	ng	# 19
63) Azobenzene	15.837	77	17652	2.203	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.749	198	114	8.279	ng	# 23
77) Benzidine	19.838	184	13915	4.474	ng	# 91
80) Butylbenzylphthalate	20.525	149	115	3.657	ng	# 75

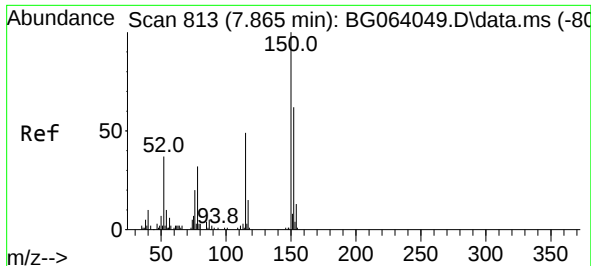
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064194.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
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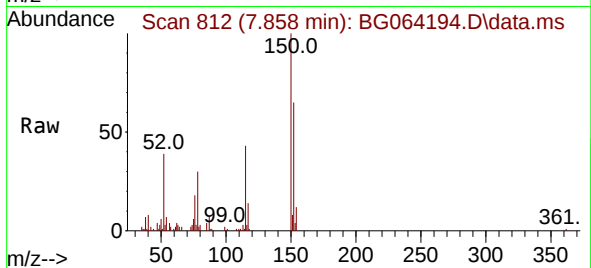
Quant Time: Apr 04 19:02:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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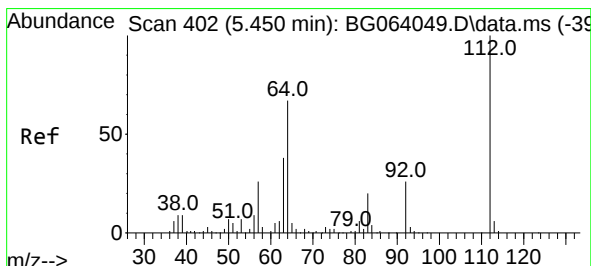
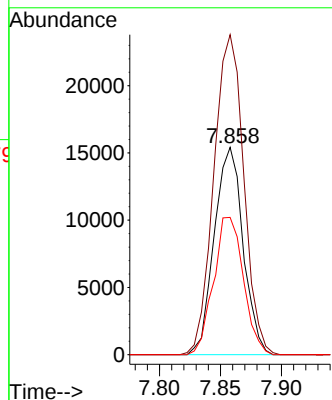
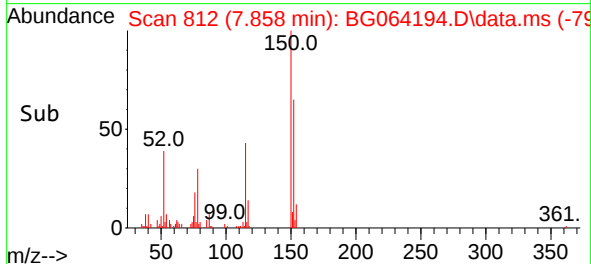


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Instrument :
BNA_G
ClientSampleId :

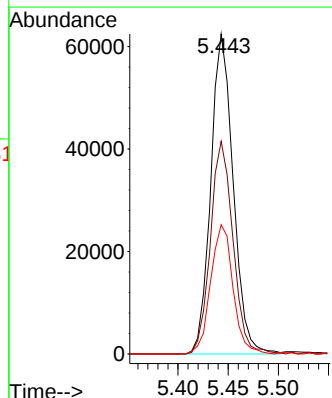
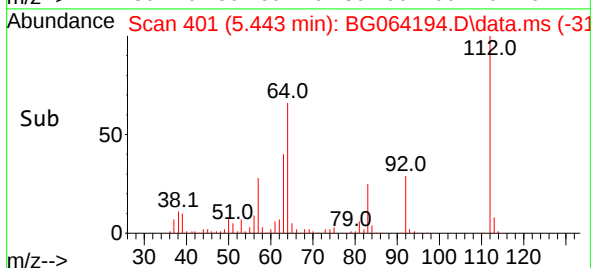
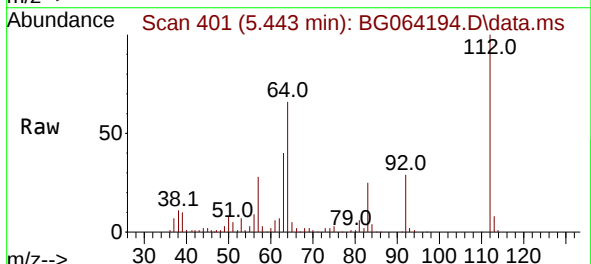


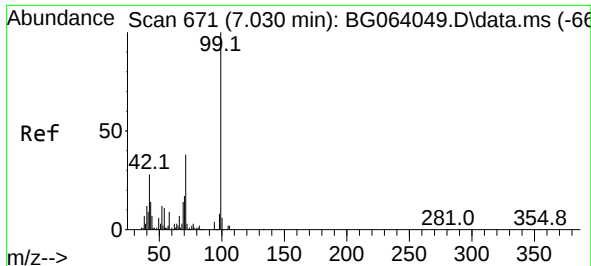
Tgt Ion:152 Resp: 25289
Ion Ratio Lower Upper
152 100
150 154.4 129.2 193.8
115 66.2 63.0 94.6



#5
2-Fluorophenol
Concen: 59.979 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

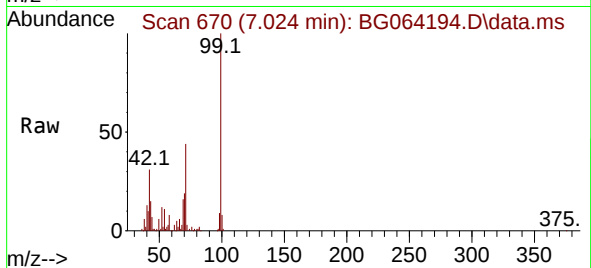
Tgt Ion:112 Resp: 97141
Ion Ratio Lower Upper
112 100
64 66.5 53.7 80.5
63 40.4 30.2 45.4



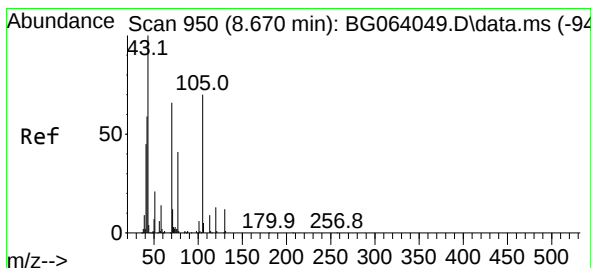
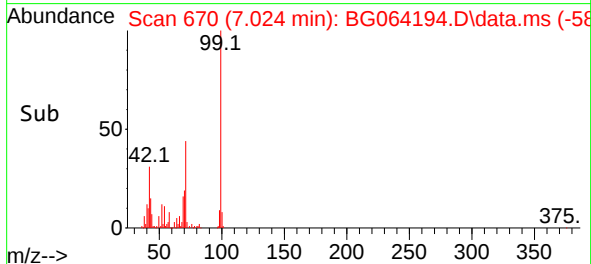
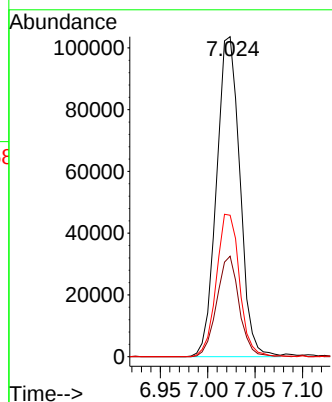


#7
Phenol-d6
Concen: 80.700 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Instrument :
BNA_G
ClientSampleId :

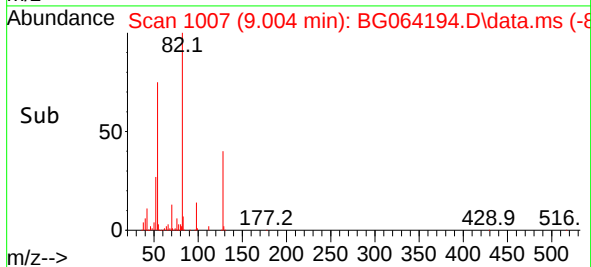
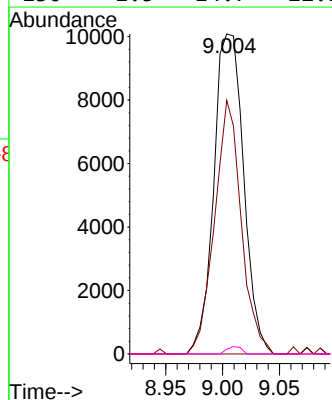
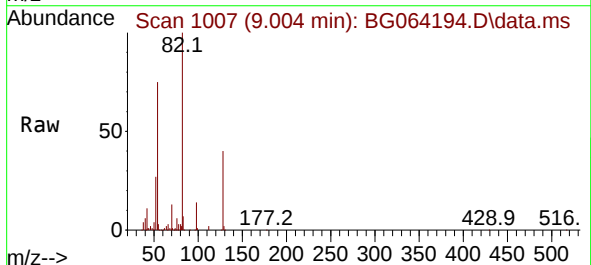


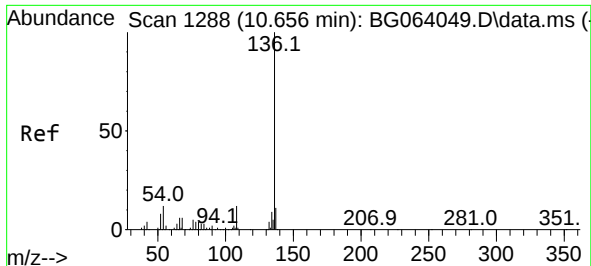
Tgt Ion: 99 Resp: 177805
Ion Ratio Lower Upper
99 100
42 31.4 22.7 34.1
71 44.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.898 ng
RT: 9.004 min Scan# 1007
Delta R.T. 0.334 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

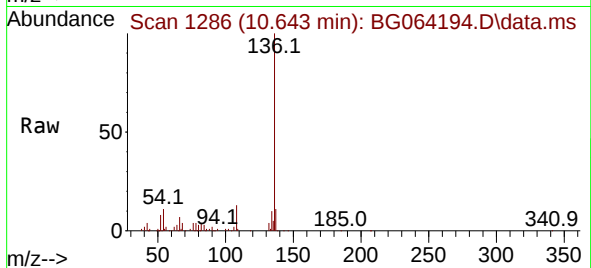
Tgt Ion: 70 Resp: 18398
Ion Ratio Lower Upper
70 100
42 79.3 72.1 108.1
101 0.0 7.2 10.8#
130 1.5 14.7 22.1#



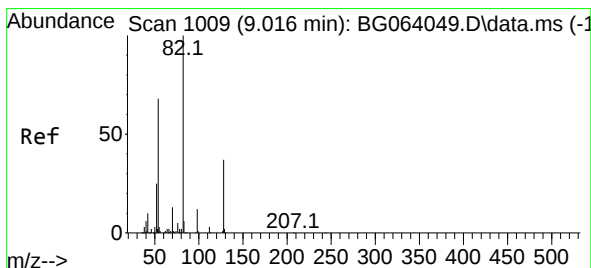
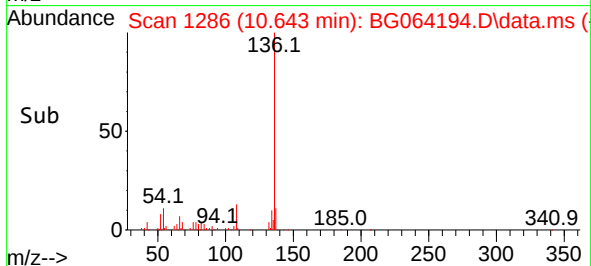
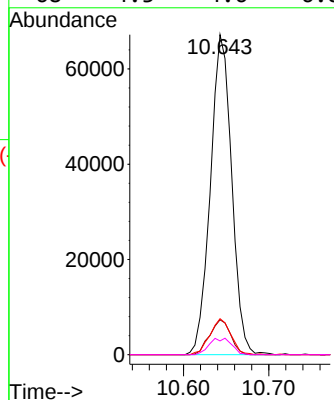


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 116932
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Instrument :
BNA_G
ClientSampleId :

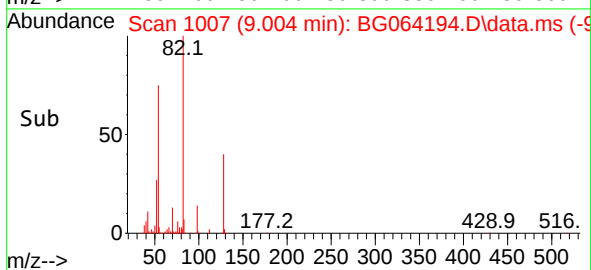
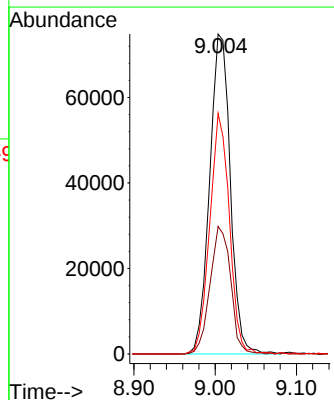
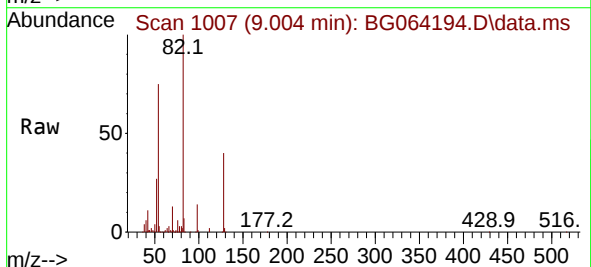


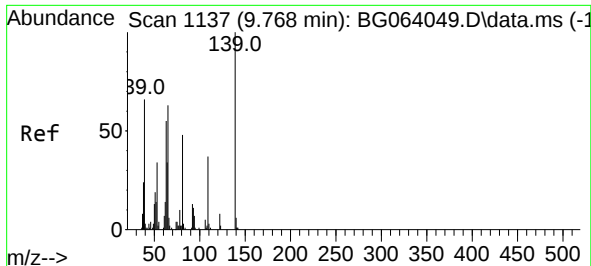
Tgt Ion:136 Resp: 116932
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.3 9.9 14.9
68 4.3 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 62.586 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion: 82 Resp: 132430
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 75.2 54.7 82.1

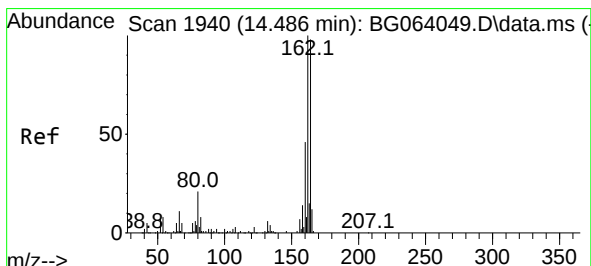
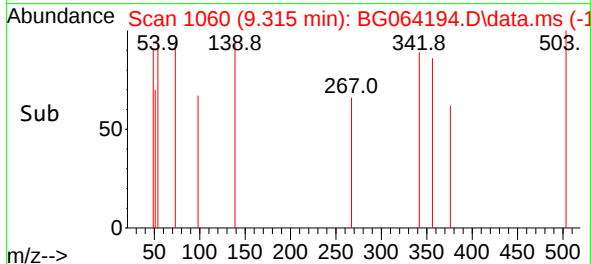
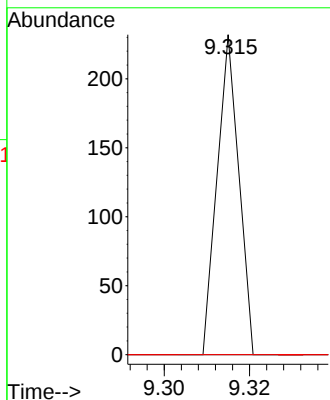
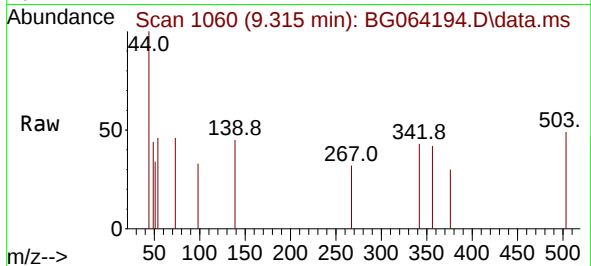




#26
2-Nitrophenol
Concen: 3.402 ng
RT: 9.315 min Scan# 1060
Delta R.T. -0.453 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

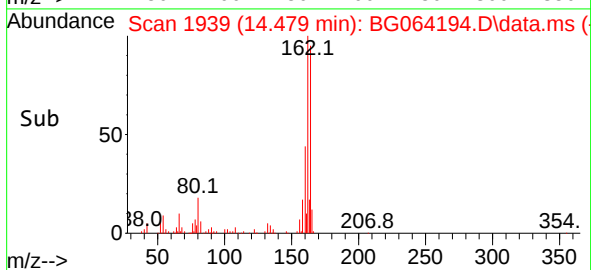
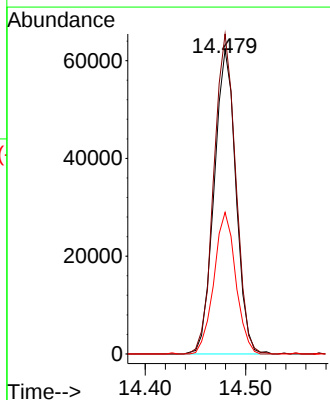
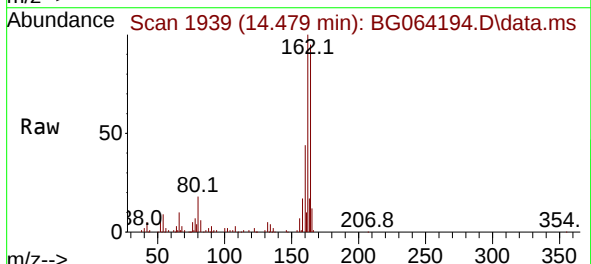
Instrument :
BNA_G
ClientSampleId :

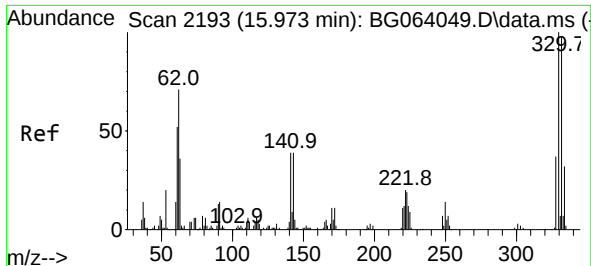
Tgt Ion:139 Resp: 82
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.479 min Scan# 1939
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

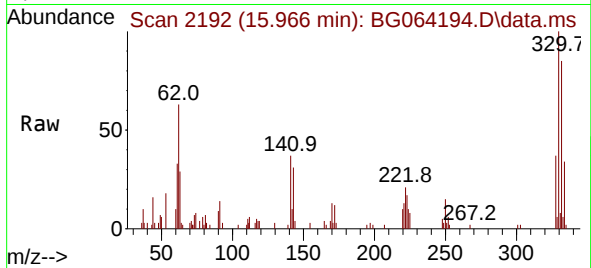
Tgt Ion:164 Resp: 93690
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 46.6 37.0 55.6



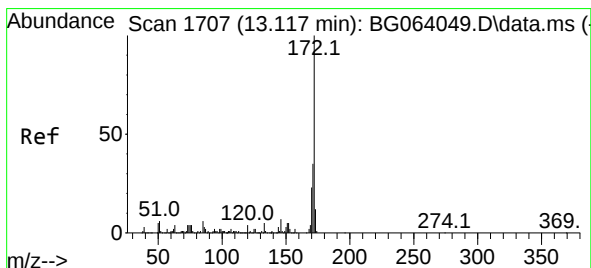
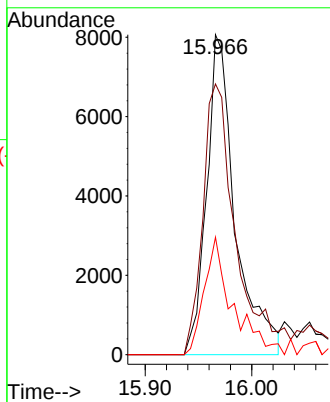
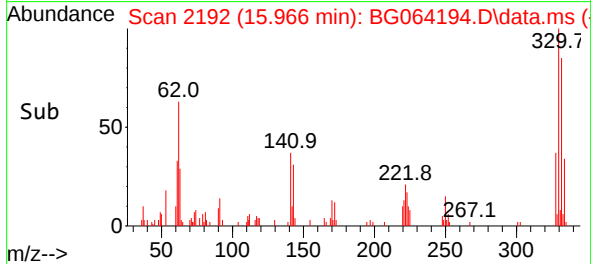


#42
2,4,6-Tribromophenol
Concen: 14.415 ng
RT: 15.966 min Scan# 2193
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

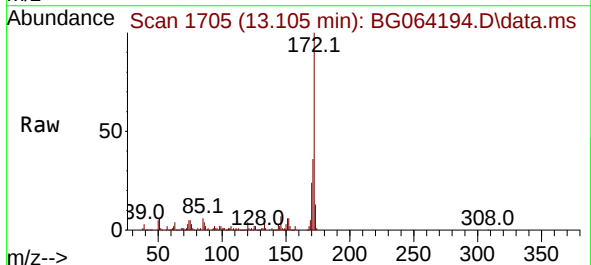
Instrument :
BNA_G
ClientSampleId :



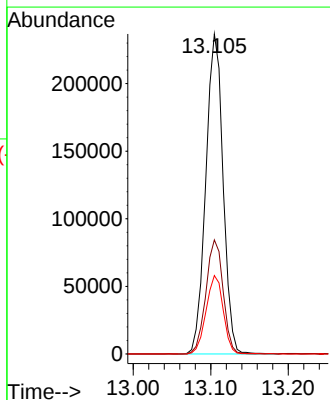
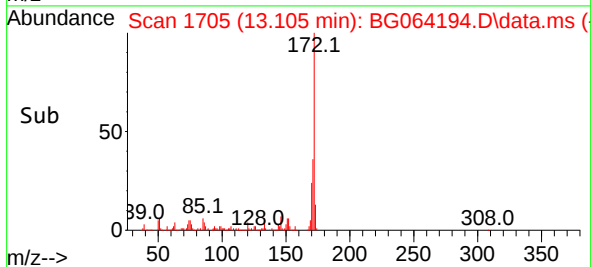
Tgt Ion:330 Resp: 15012
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 36.4 29.7 44.5

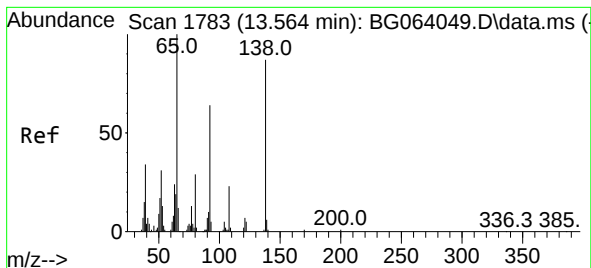


#45
2-Fluorobiphenyl
Concen: 59.296 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28



Tgt Ion:172 Resp: 366001
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.5 18.7 28.1





#48

2-Nitroaniline

Concen: 3.252 ng

RT: 13.745 min Scan# 1

Delta R.T. 0.181 min

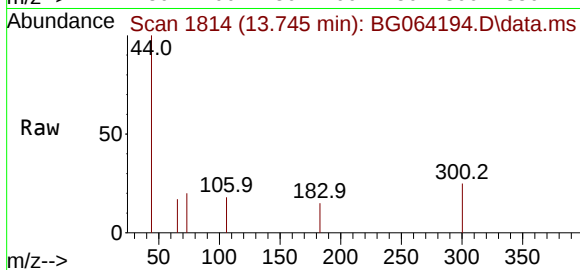
Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :



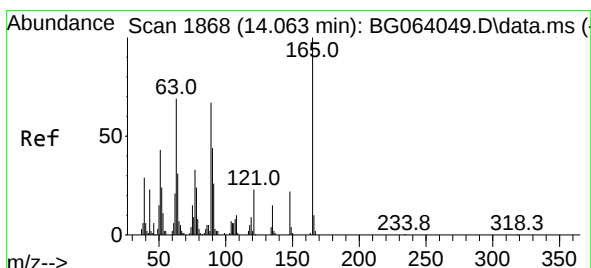
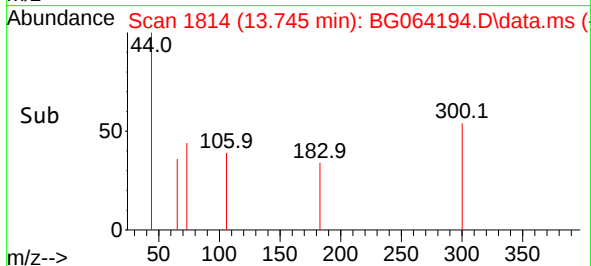
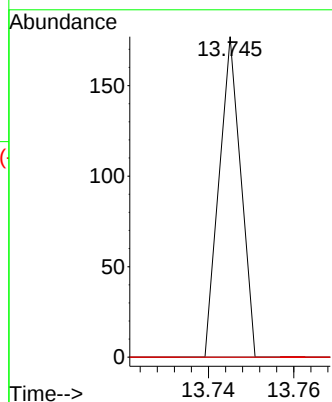
Tgt Ion: 65 Resp: 62

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: 11.621 ng

RT: 14.479 min Scan# 1939

Delta R.T. 0.416 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

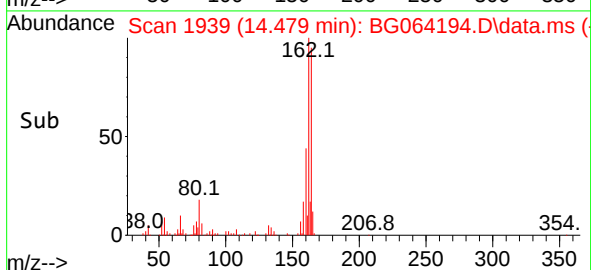
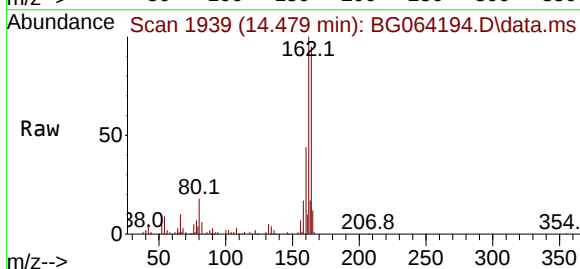
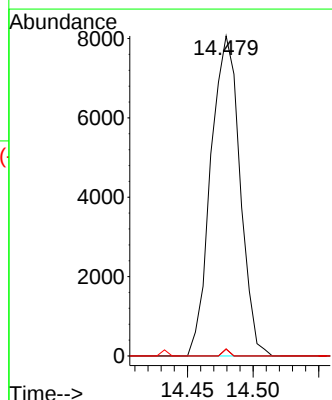
Tgt Ion: 165 Resp: 12466

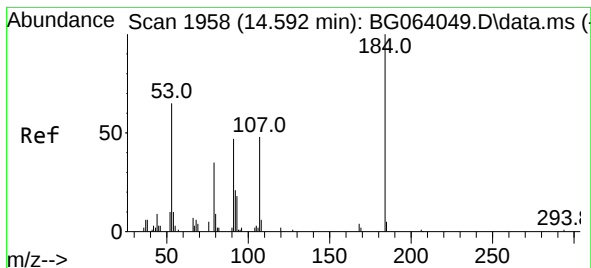
Ion Ratio Lower Upper

165 100

63 2.1 56.7 85.1#

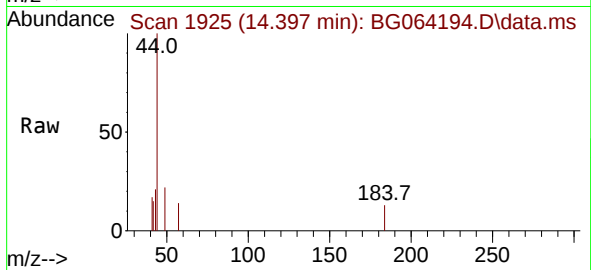
89 2.2 53.7 80.5#



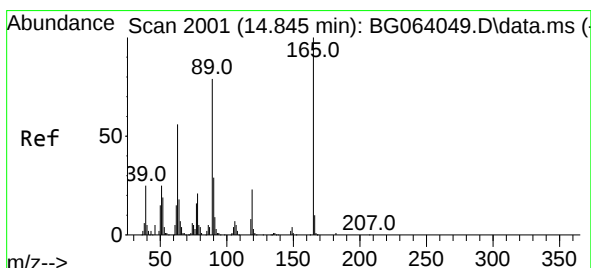
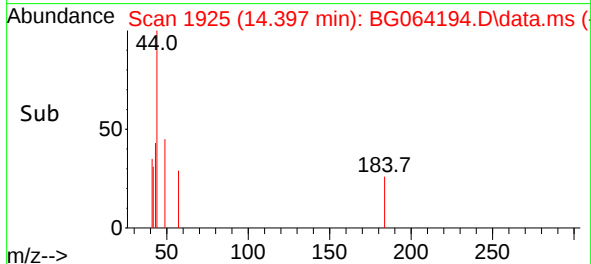
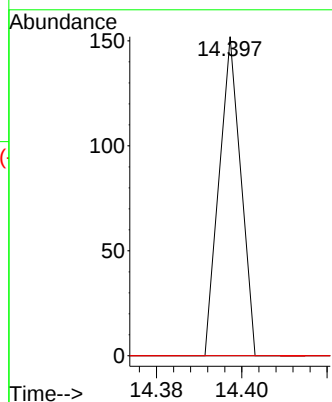


#54
2,4-Dinitrophenol
Concen: 7.965 ng
RT: 14.397 min Scan# 1939
Delta R.T. -0.195 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Instrument :
BNA_G
ClientSampleId :

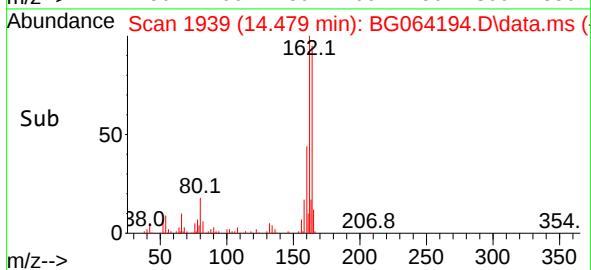
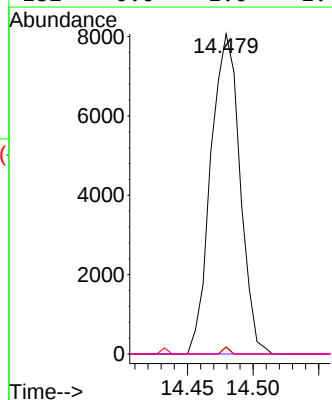
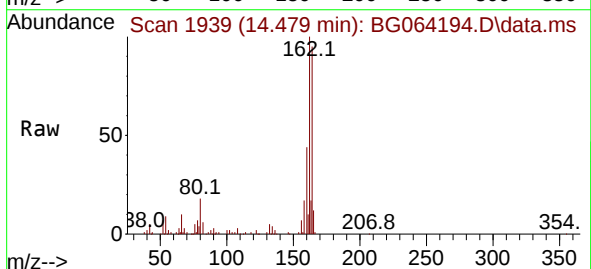


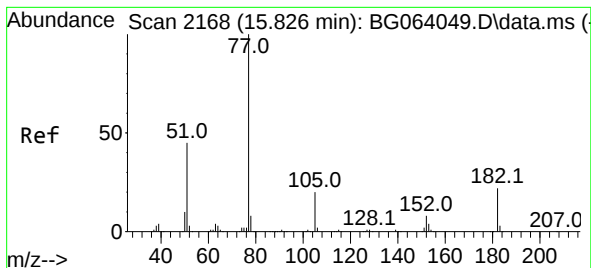
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.596 ng
RT: 14.479 min Scan# 1939
Delta R.T. -0.366 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion:165 Resp: 12466
Ion Ratio Lower Upper
165 100
63 2.1 45.0 67.6#
89 2.2 63.1 94.7#
182 0.0 1.0 1.4#





#63

Azobenzene

Concen: 2.203 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.011 min

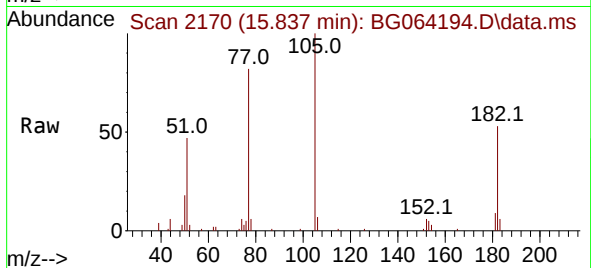
Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 17652

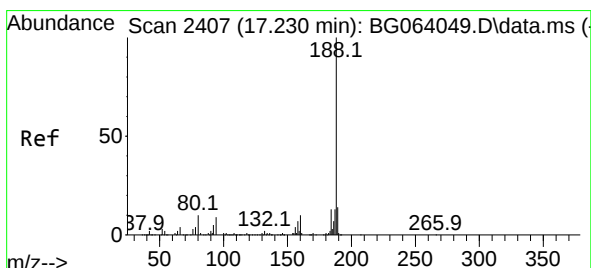
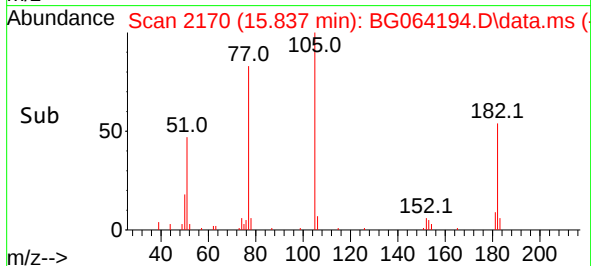
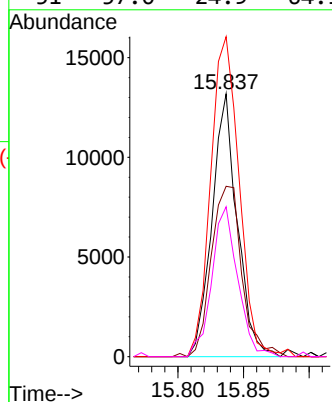
Ion Ratio Lower Upper

77 100

182 64.8 2.4 42.4#

105 121.8 0.0 40.0#

51 57.0 24.9 64.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.217 min Scan# 2405

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

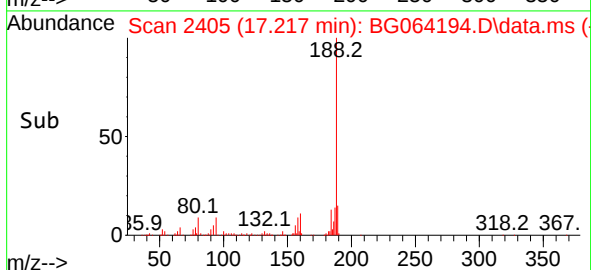
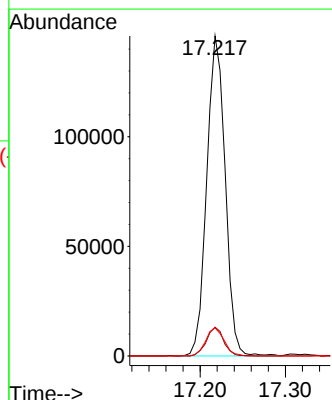
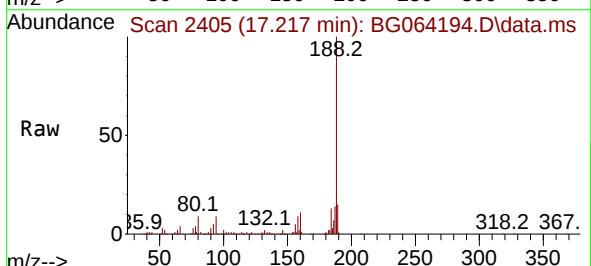
Tgt Ion:188 Resp: 219086

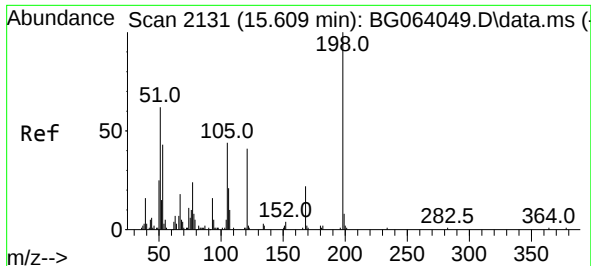
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

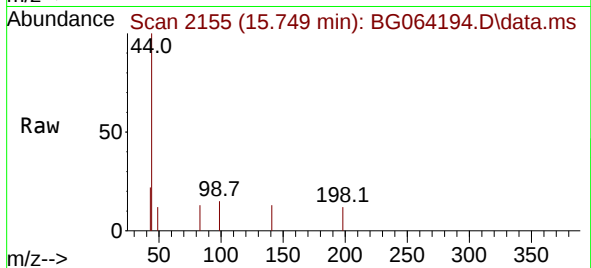
80 8.8 8.1 12.1



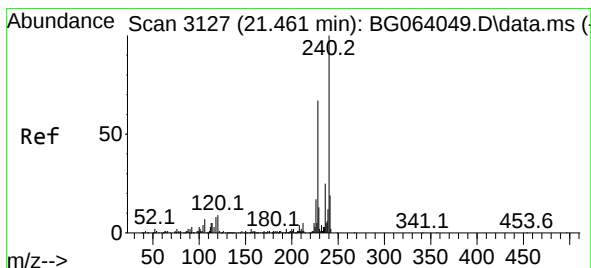
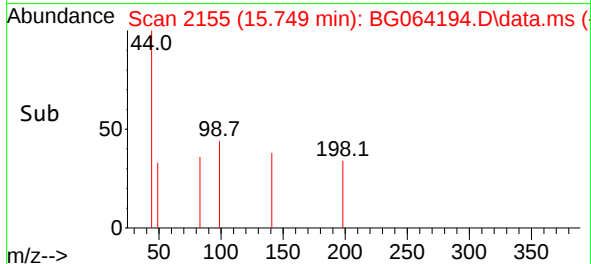
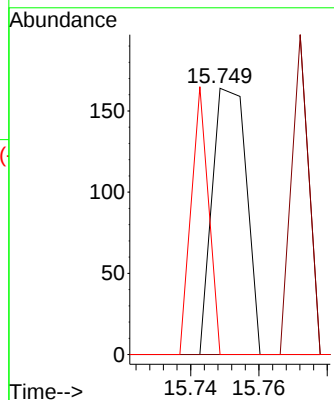


#65
4,6-Dinitro-2-methylphenol
Concen: 8.279 ng
RT: 15.749 min Scan# 2131
Delta R.T. 0.140 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Instrument :
BNA_G
ClientSampleId :

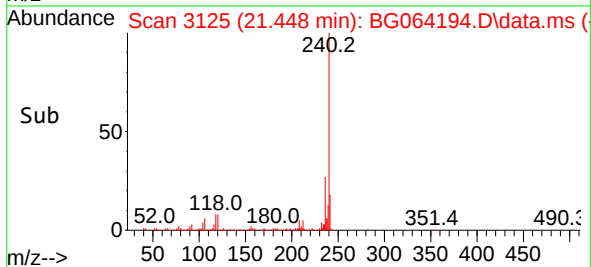
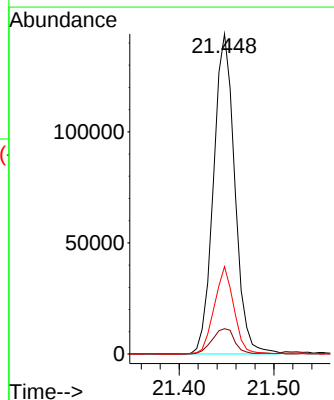
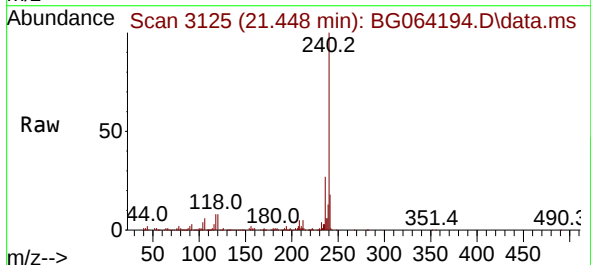


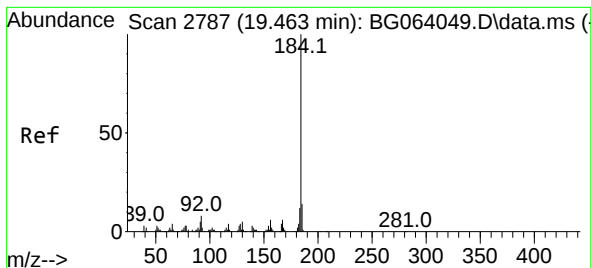
Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion:240 Resp: 224612
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 27.3 20.2 30.2





#77

Benzidine

Concen: 4.474 ng

RT: 19.838 min Scan# 2851

Delta R.T. 0.375 min

Lab File: BG064194.D

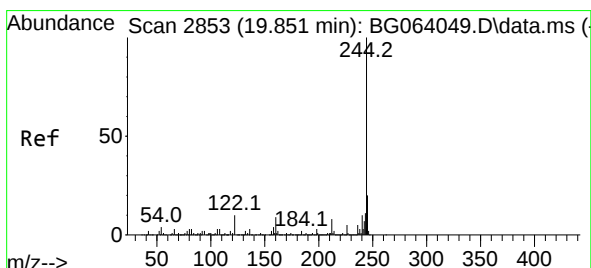
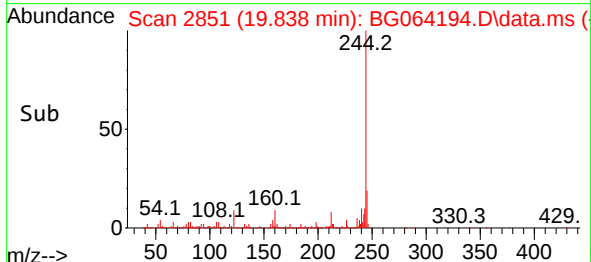
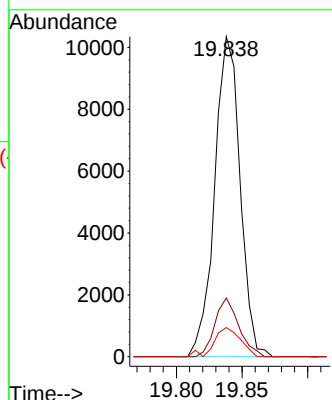
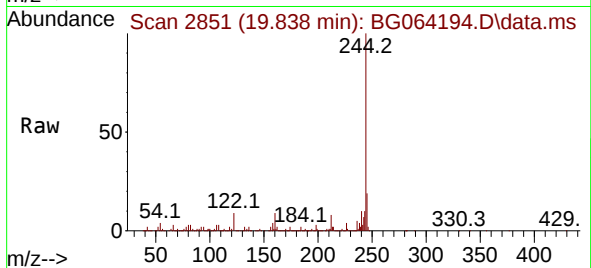
Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:184 Resp: 13915
 Ion Ratio Lower Upper
 184 100
 185 18.4 11.3 16.9#
 183 9.1 9.5 14.3#



#79

Terphenyl-d14

Concen: 64.773 ng

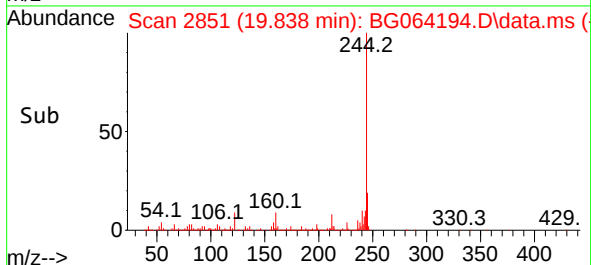
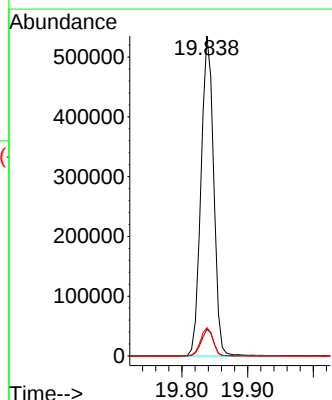
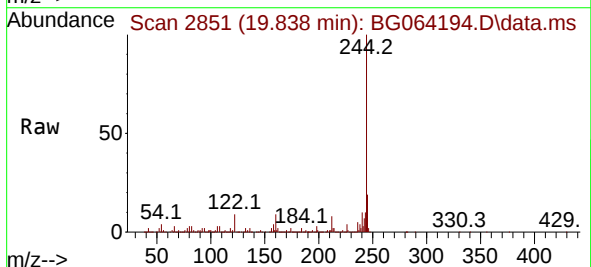
RT: 19.838 min Scan# 2851

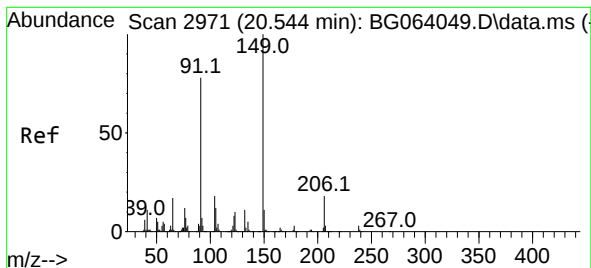
Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Tgt Ion:244 Resp: 719530
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 8.9 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.657 ng

RT: 20.525 min Scan# 2971

Delta R.T. -0.019 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :

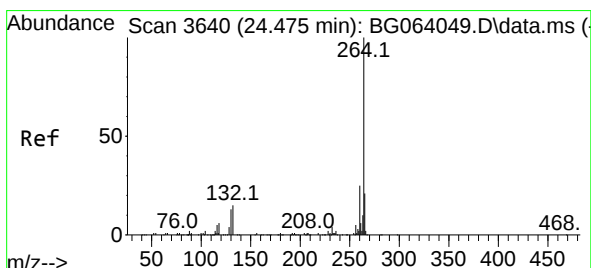
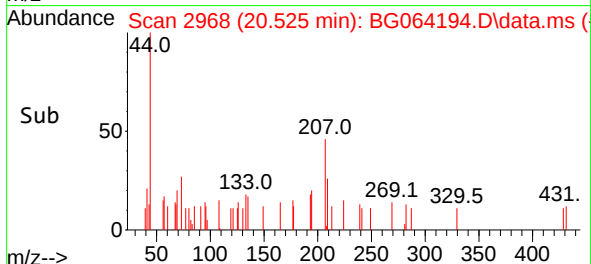
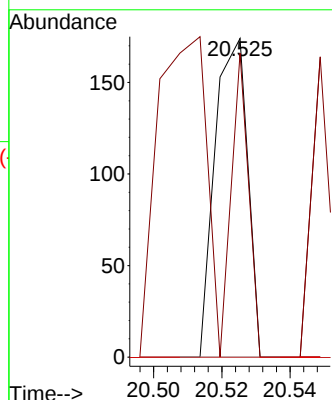
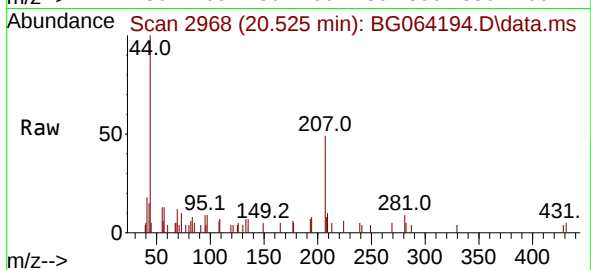
Tgt Ion:149 Resp: 115

Ion Ratio Lower Upper

149 100

91 95.4 62.0 93.0#

206 0.0 14.6 21.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3638

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Tgt Ion:264 Resp: 240188

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.4 16.6 25.0

