

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064093.D
 Acq On : 11 Mar 2025 13:14
 Operator : RC/JU
 Sample : Q1537-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 11 14:04:51 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)

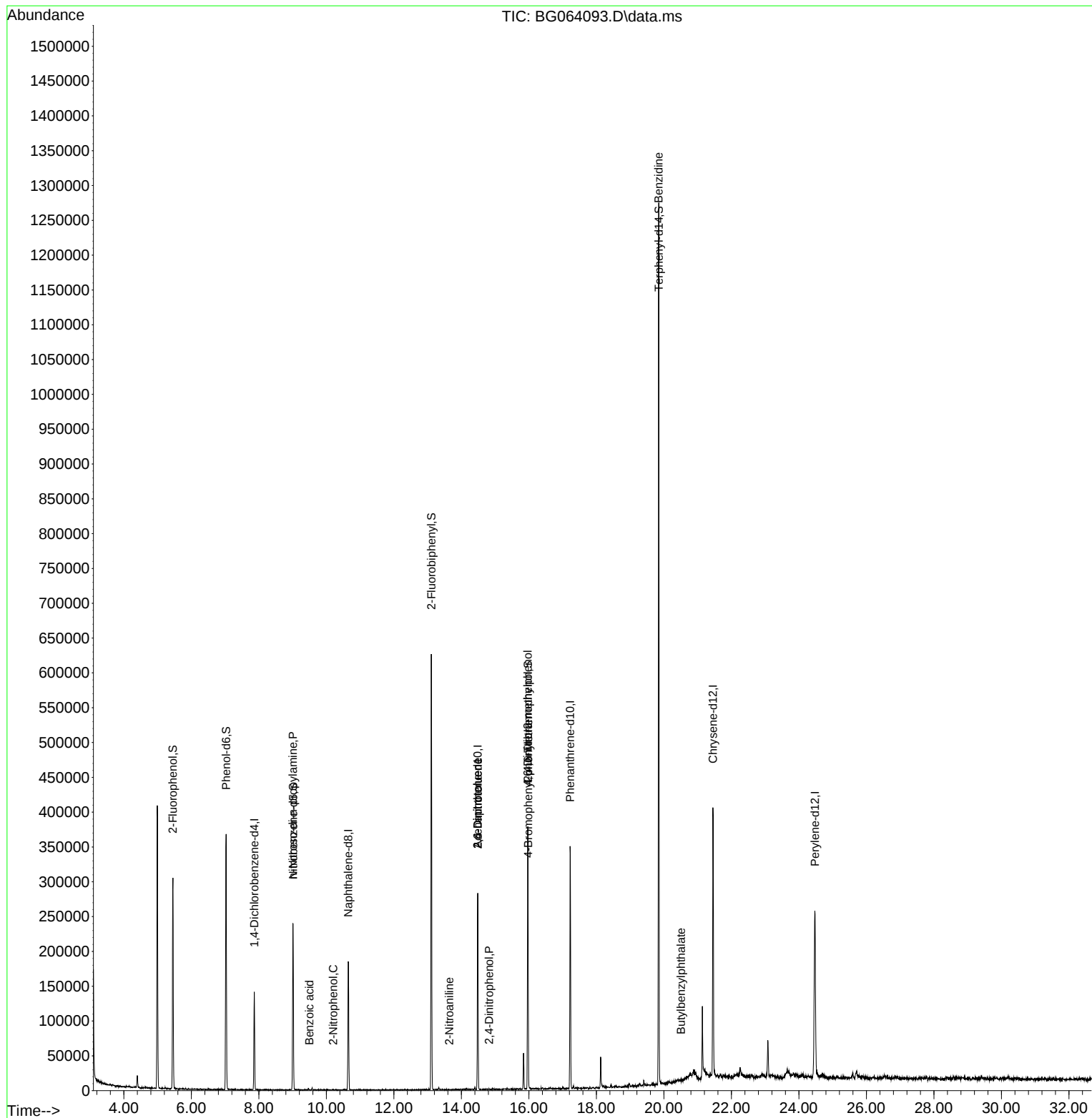
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	32927	20.000	ng	0.00
21) Naphthalene-d8	10.648	136	142047	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	93735	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	200898	20.000	ng	0.00
76) Chrysene-d12	21.452	240	215981	20.000	ng	0.00
86) Perylene-d12	24.472	264	236599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.454	112	116545	55.267	ng	0.00
7) Phenol-d6	7.028	99	174332	60.770	ng	0.00
23) Nitrobenzene-d5	9.014	82	128792	50.105	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	62316	59.808	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	305237	49.428	ng	0.00
79) Terphenyl-d14	19.848	244	586561	54.913	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.008	70	18199	9.040	ng	# 80
26) 2-Nitrophenol	10.207	139	58	3.352	ng	# 26
32) Benzoic acid	9.502	122	53	8.720	ng	# 1
48) 2-Nitroaniline	13.638	65	62	3.252	ng	# 11
51) 2,6-Dinitrotoluene	14.484	165	12614	11.715	ng	# 16
54) 2,4-Dinitrophenol	14.819	184	58	7.971	ng	# 15
57) 2,4-Dinitrotoluene	14.484	165	12614	9.663	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.965	198	433	8.593	ng	# 68
67) 4-Bromophenyl-phenylether	15.977	248	4310	2.095	ng	# 1
77) Benzidine	19.843	184	11134	3.723	ng	# 92
80) Butylbenzylphthalate	20.512	149	145	3.663	ng	# 48

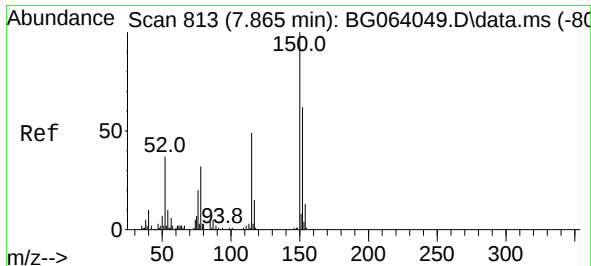
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064093.D
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Sample : Q1537-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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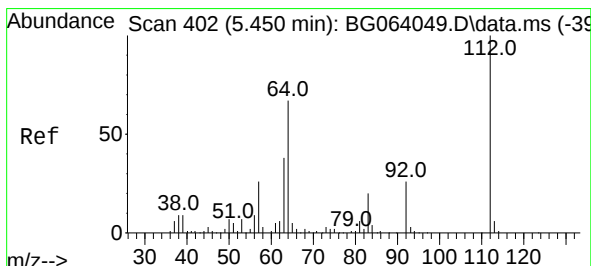
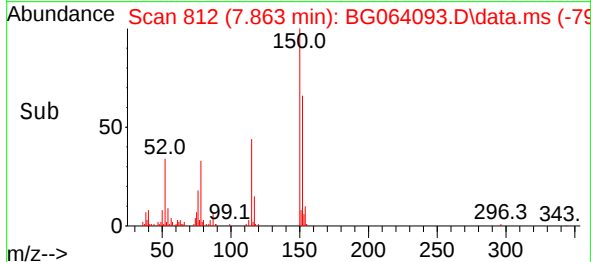
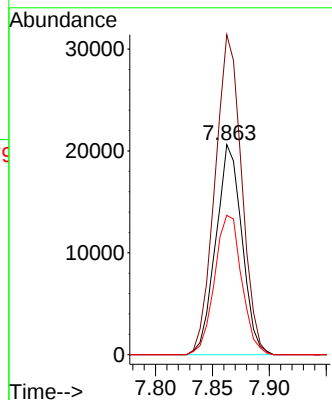
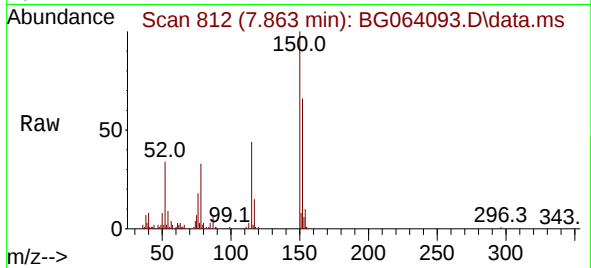




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

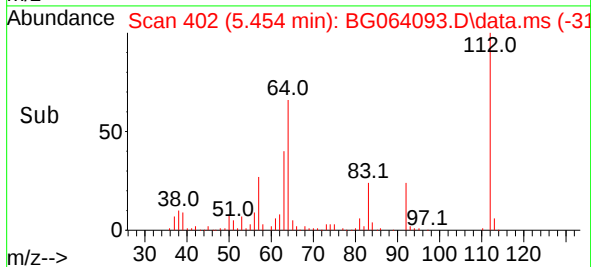
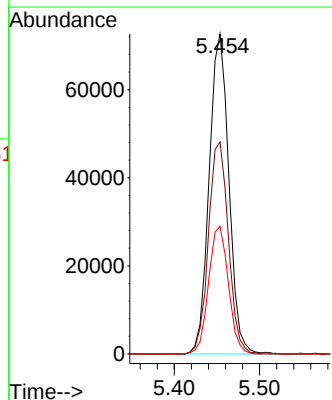
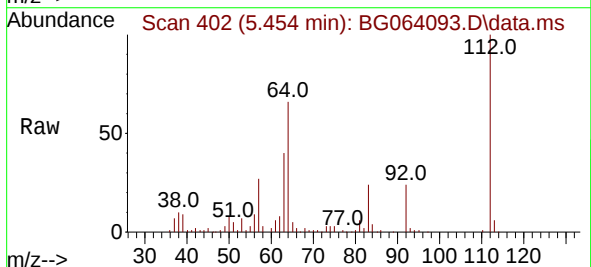
Instrument :
BNA_G
ClientSampleId :
COMP-2

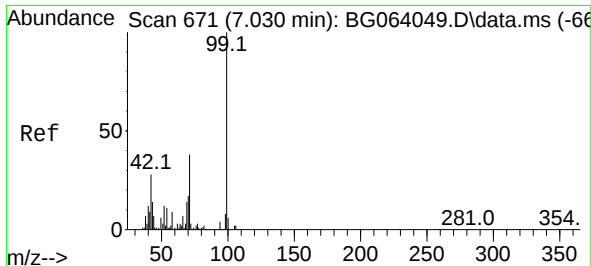
Tgt Ion:152 Resp: 32927
Ion Ratio Lower Upper
152 100
150 152.3 129.2 193.8
115 66.3 63.0 94.6



#5
2-Fluorophenol
Concen: 55.267 ng
RT: 5.454 min Scan# 402
Delta R.T. 0.004 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:112 Resp: 116545
Ion Ratio Lower Upper
112 100
64 66.3 53.7 80.5
63 39.9 30.2 45.4

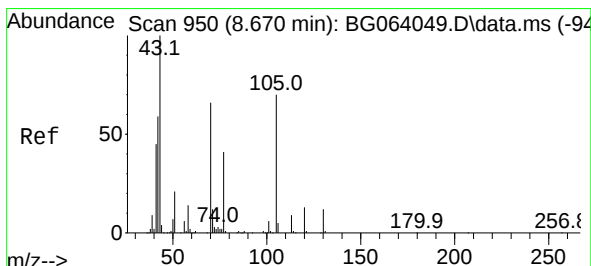
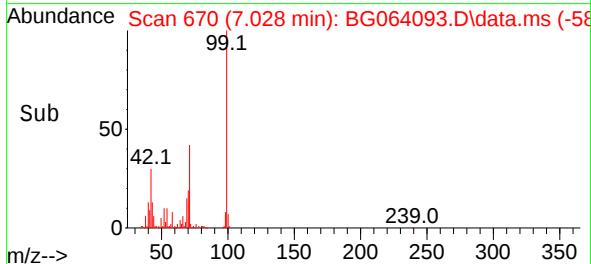
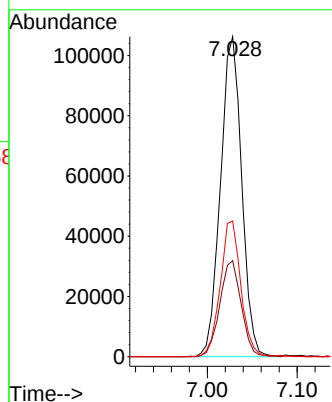
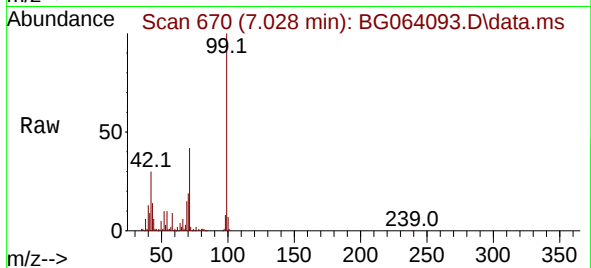




#7
Phenol-d6
Concen: 60.770 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

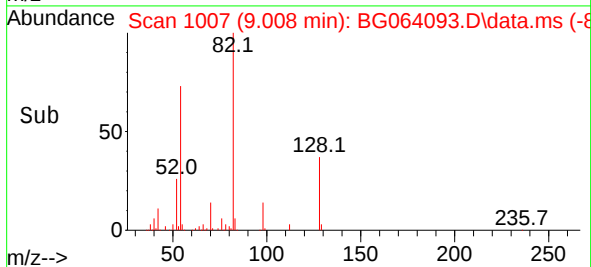
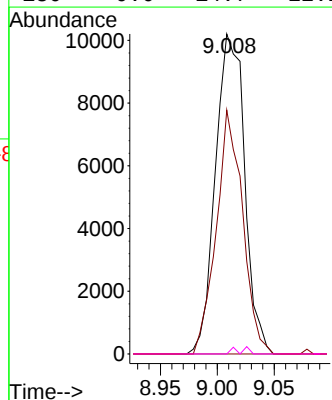
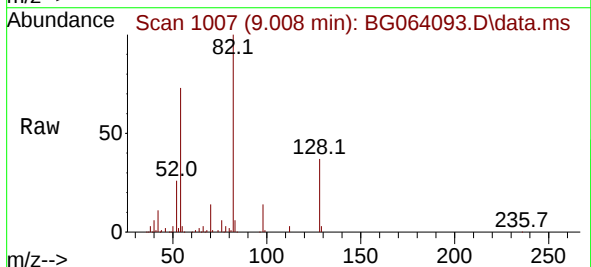
Instrument :
BNA_G
ClientSampleId :
COMP-2

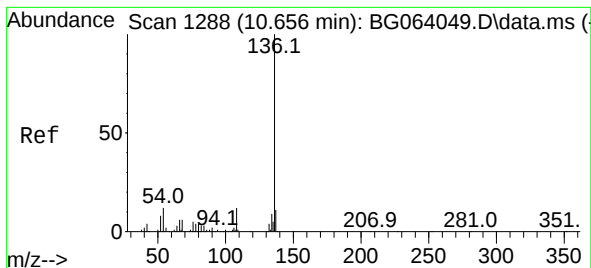
Tgt Ion: 99 Resp: 174332
Ion Ratio Lower Upper
99 100
42 30.0 22.7 34.1
71 42.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.040 ng
RT: 9.008 min Scan# 1007
Delta R.T. 0.339 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion: 70 Resp: 18199
Ion Ratio Lower Upper
70 100
42 76.2 72.1 108.1
101 0.0 7.2 10.8#
130 0.0 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.648 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:136 Resp: 142047

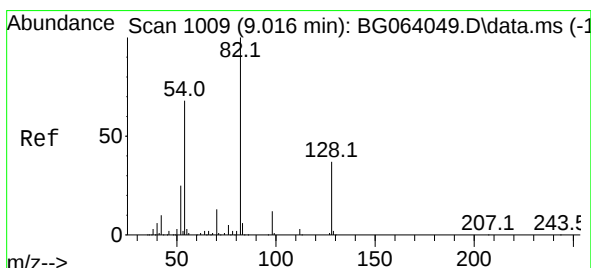
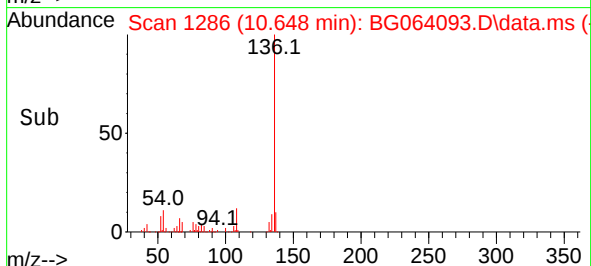
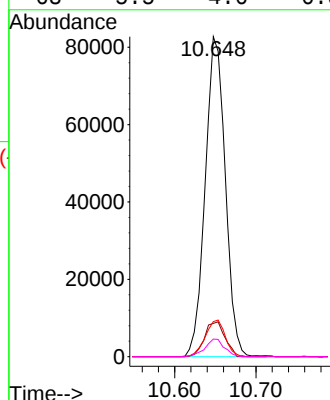
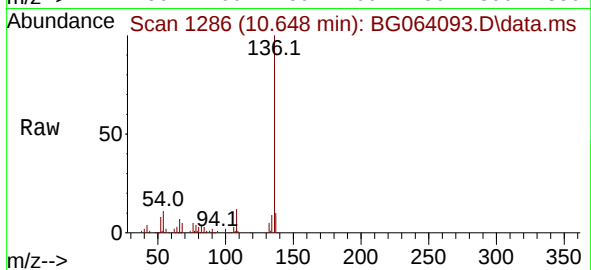
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 10.9 9.9 14.9

68 5.5 4.6 6.8



#23

Nitrobenzene-d5

Concen: 50.105 ng

RT: 9.014 min Scan# 1008

Delta R.T. -0.002 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

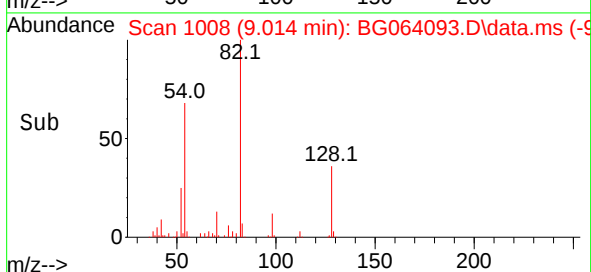
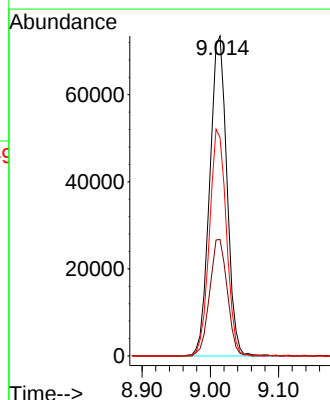
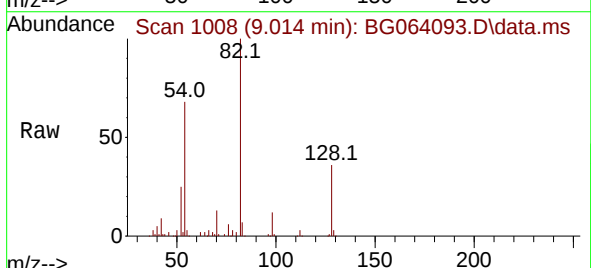
Tgt Ion: 82 Resp: 128792

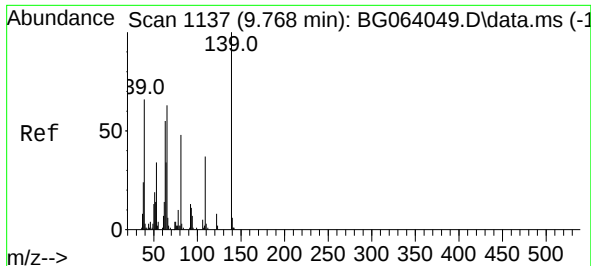
Ion Ratio Lower Upper

82 100

128 36.4 30.0 45.0

54 68.2 54.7 82.1





#26

2-Nitrophenol

Concen: 3.352 ng

RT: 10.207 min Scan# 1137

Delta R.T. 0.439 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

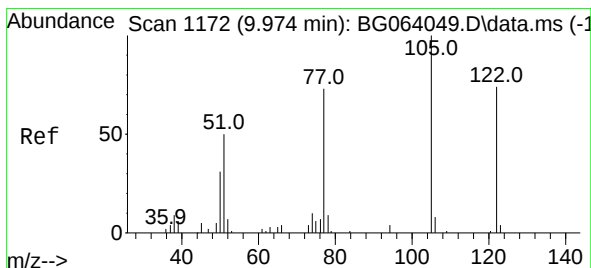
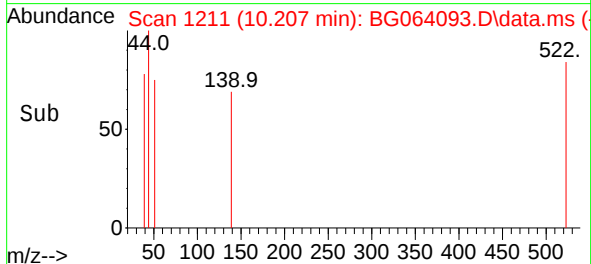
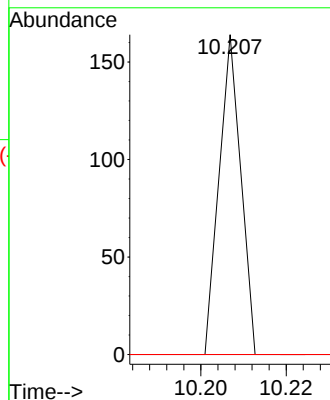
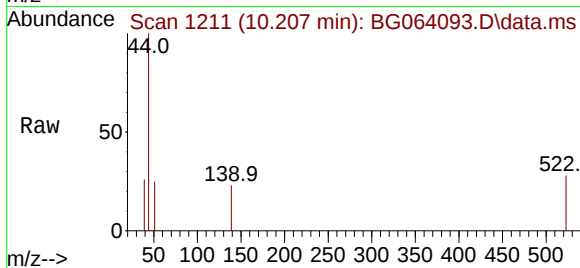
Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:	139	Resp:	58
Ion Ratio	Lower	Upper	
139	100		
109	0.0	29.9	44.9#
65	0.0	50.6	76.0#



#32

Benzoic acid

Concen: 8.720 ng

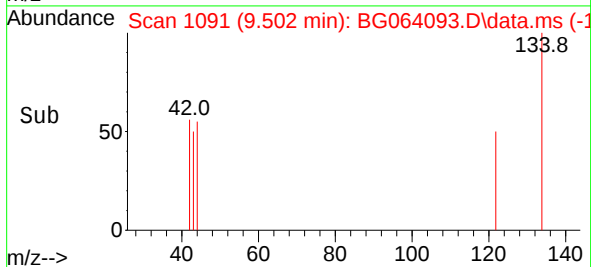
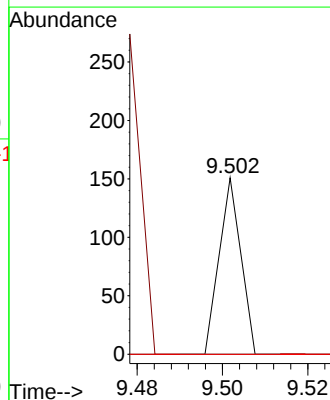
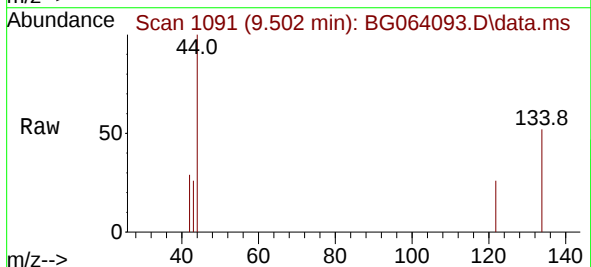
RT: 9.502 min Scan# 1091

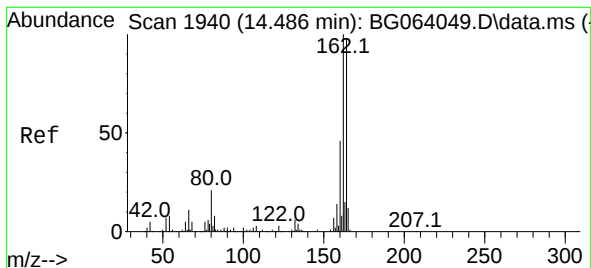
Delta R.T. -0.472 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Tgt Ion:	122	Resp:	53
Ion Ratio	Lower	Upper	
122	100		
105	0.0	115.0	155.0#
77	0.0	80.9	120.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.484 min Scan# 1939

Delta R.T. -0.002 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

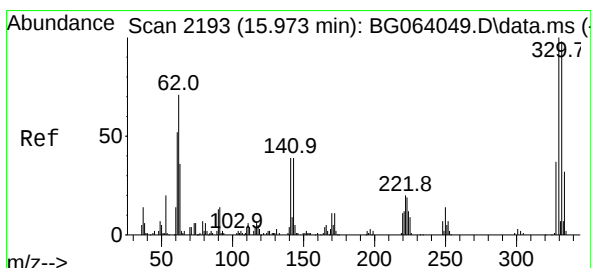
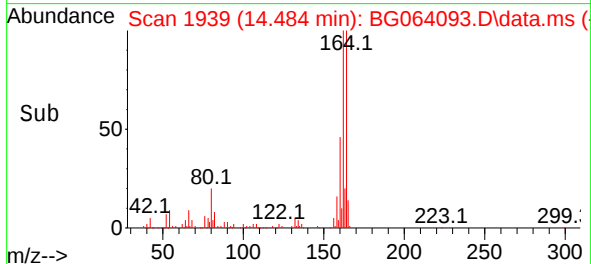
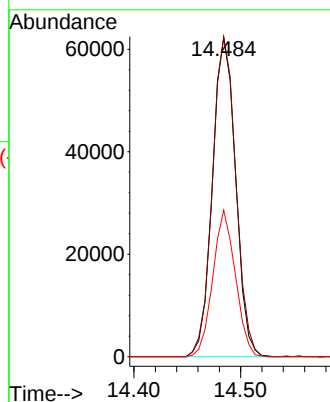
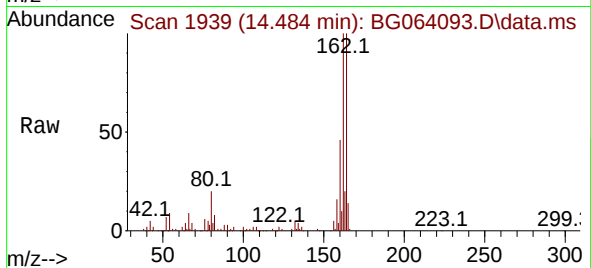
Tgt Ion:164 Resp: 93735

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 45.9 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 59.808 ng

RT: 15.971 min Scan# 2192

Delta R.T. -0.002 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

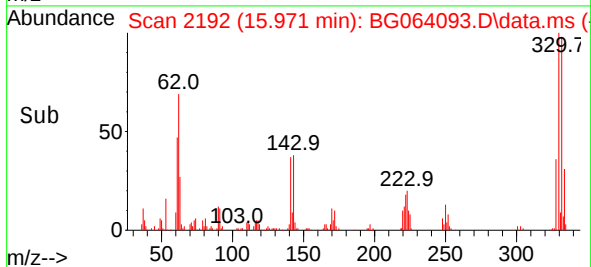
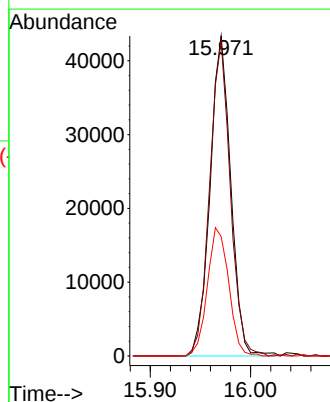
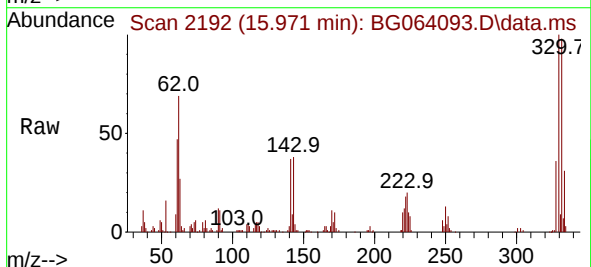
Tgt Ion:330 Resp: 62316

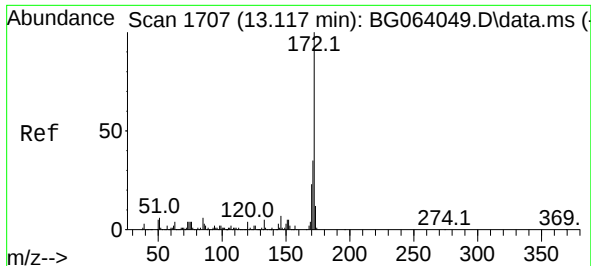
Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 41.3 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 49.428 ng

RT: 13.109 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

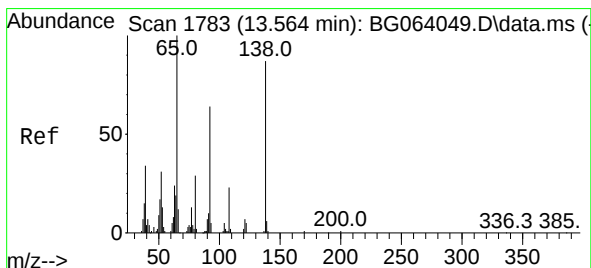
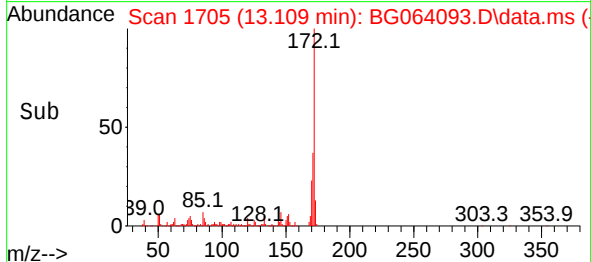
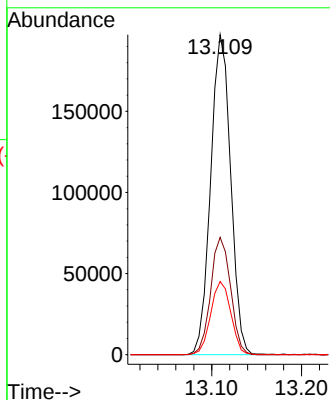
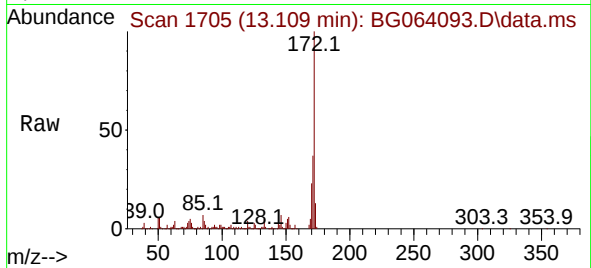
Tgt Ion:172 Resp: 305237

Ion Ratio Lower Upper

172 100

171 36.7 28.0 42.0

170 22.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.252 ng

RT: 13.638 min Scan# 1795

Delta R.T. 0.074 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

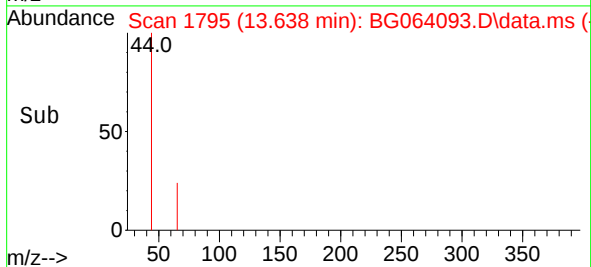
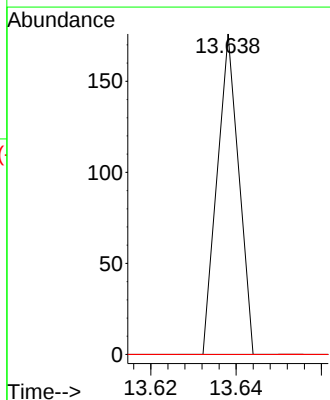
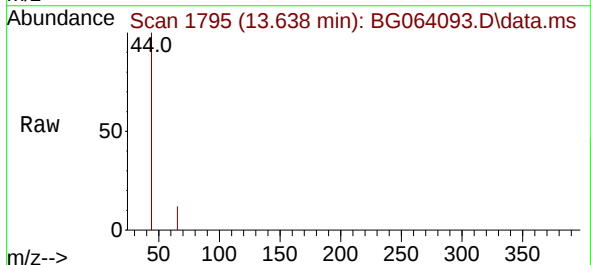
Tgt Ion: 65 Resp: 62

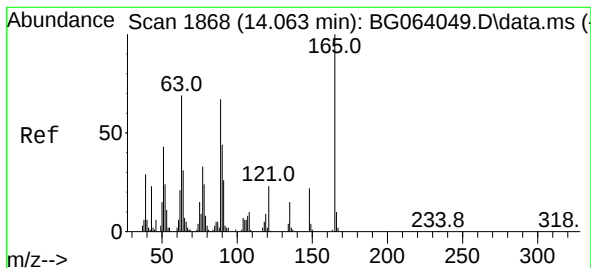
Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#





#51

2,6-Dinitrotoluene

Concen: 11.715 ng

RT: 14.484 min Scan# 1939

Delta R.T. 0.421 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

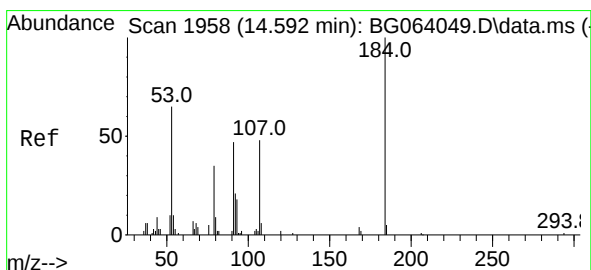
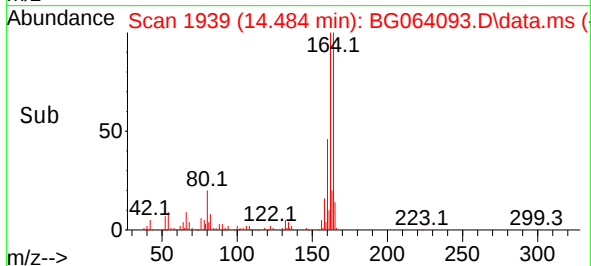
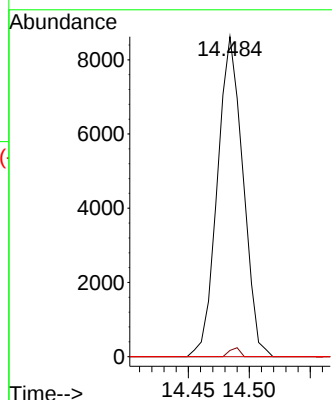
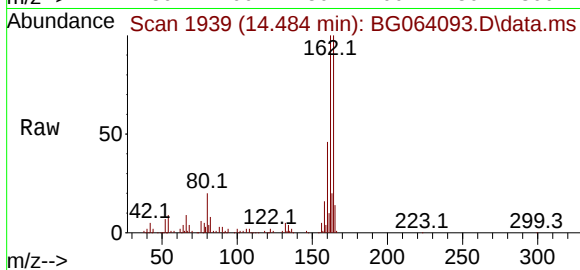
Tgt Ion:165 Resp: 12614

Ion Ratio Lower Upper

165 100

63 1.9 56.7 85.1#

89 0.0 53.7 80.5#



#54

2,4-Dinitrophenol

Concen: 7.971 ng

RT: 14.819 min Scan# 1996

Delta R.T. 0.227 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

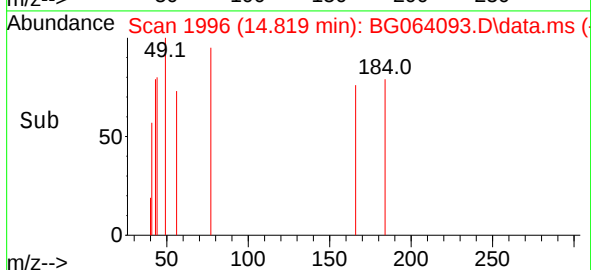
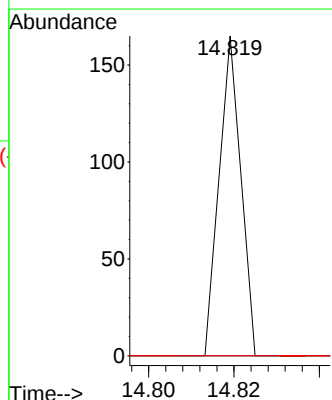
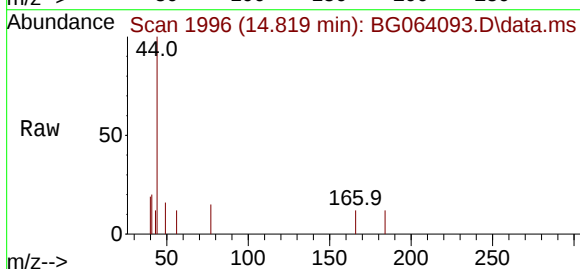
Tgt Ion:184 Resp: 58

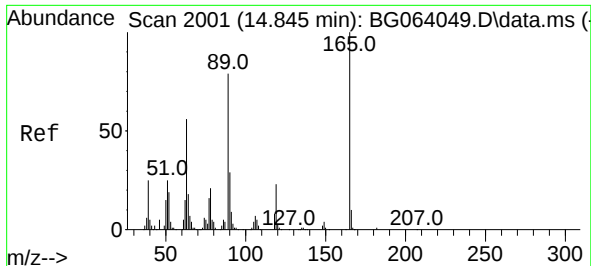
Ion Ratio Lower Upper

184 100

63 0.0 57.5 86.3#

154 0.0 52.3 78.5#

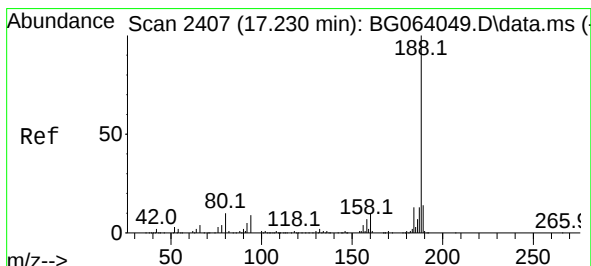
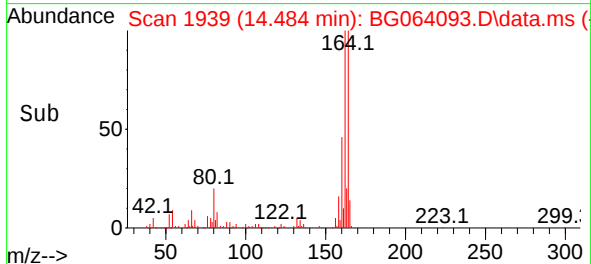
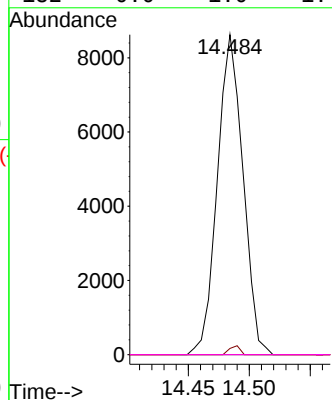
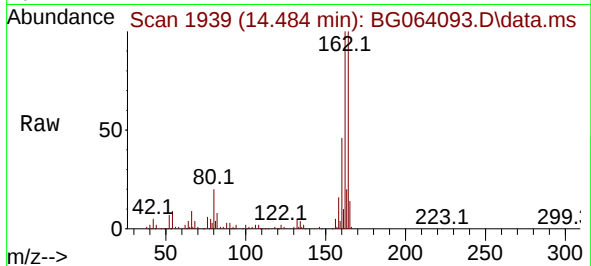




#57
2,4-Dinitrotoluene
Concen: 9.663 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.361 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

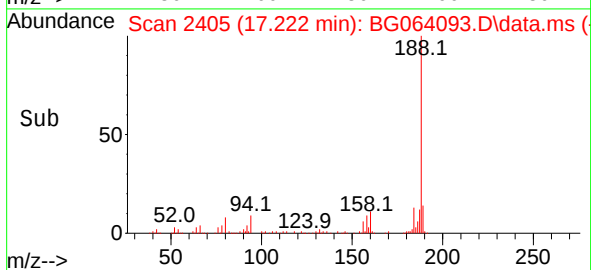
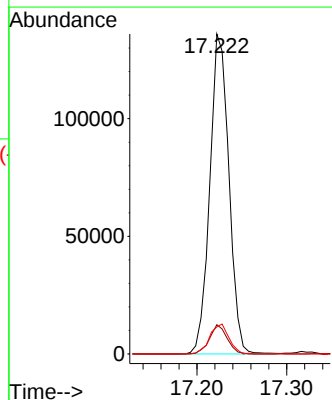
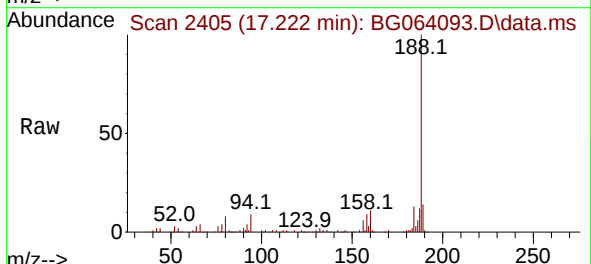
Instrument :
BNA_G
ClientSampleId :
COMP-2

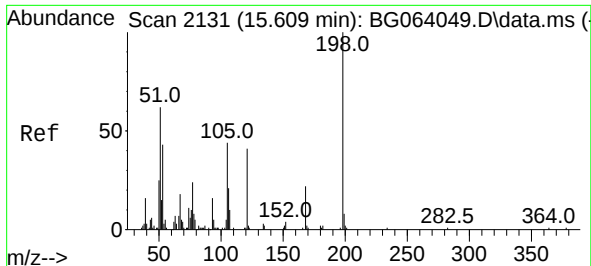
Tgt Ion:165 Resp: 12614
Ion Ratio Lower Upper
165 100
63 1.9 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:188 Resp: 200898
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 8.5 8.1 12.1

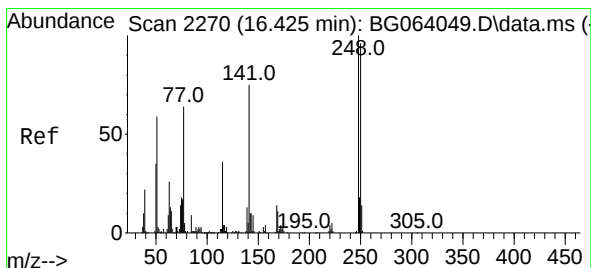
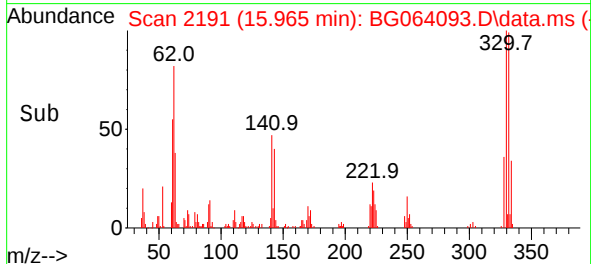
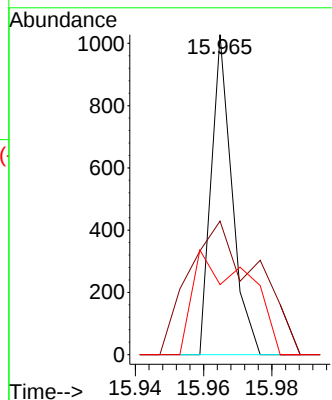
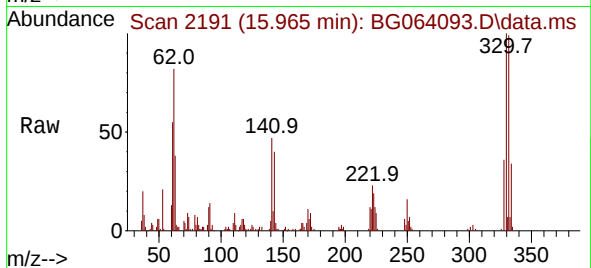




#65
4,6-Dinitro-2-methylphenol
Concen: 8.593 ng
RT: 15.965 min Scan# 2131
Delta R.T. 0.356 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

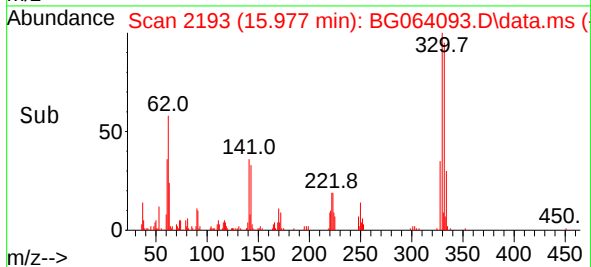
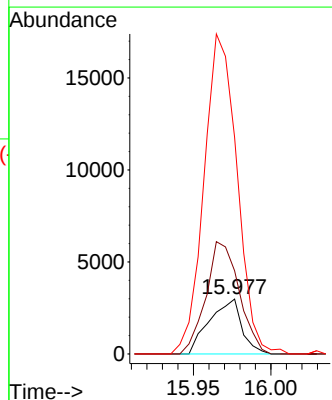
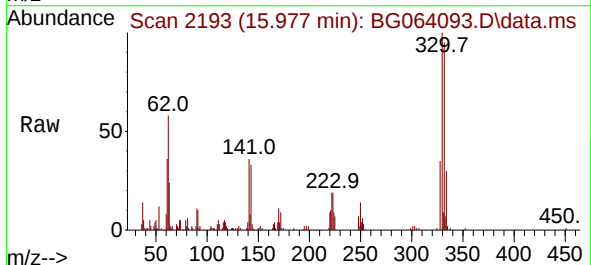
Instrument :
BNA_G
ClientSampleId :
COMP-2

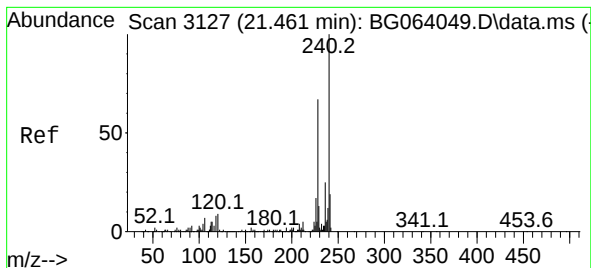
Tgt Ion:198 Resp: 433
Ion Ratio Lower Upper
198 100
51 41.7 45.6 85.6#
105 21.9 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 2.095 ng
RT: 15.977 min Scan# 2193
Delta R.T. -0.449 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:248 Resp: 4310
Ion Ratio Lower Upper
248 100
250 151.7 77.1 115.7#
141 395.2 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.452 min Scan# 3125

Delta R.T. -0.008 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

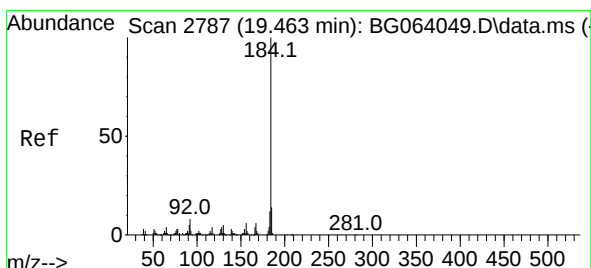
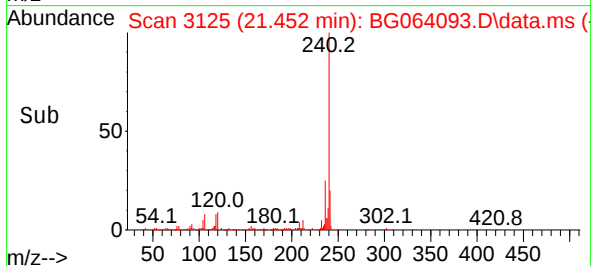
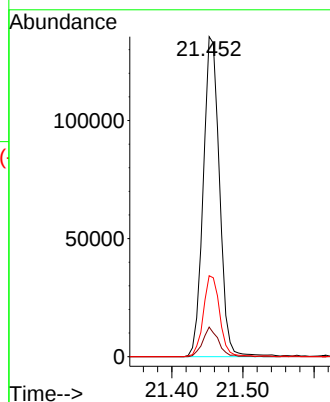
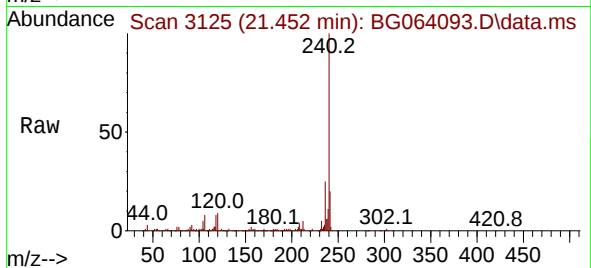
Tgt Ion:240 Resp: 215981

Ion Ratio Lower Upper

240 100

120 9.2 7.2 10.8

236 25.3 20.2 30.2



#77

Benzidine

Concen: 3.723 ng

RT: 19.843 min Scan# 2851

Delta R.T. 0.380 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

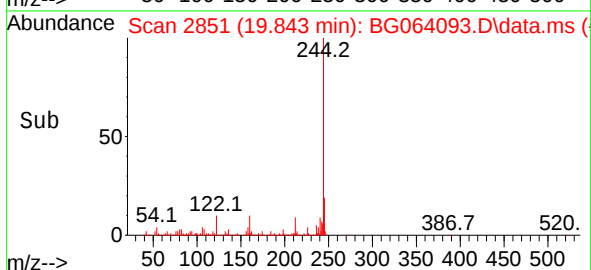
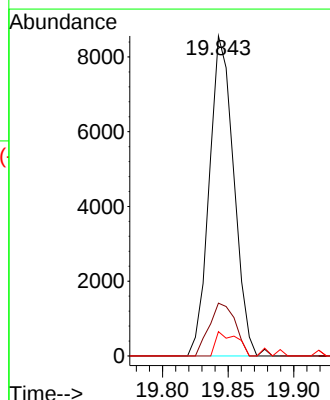
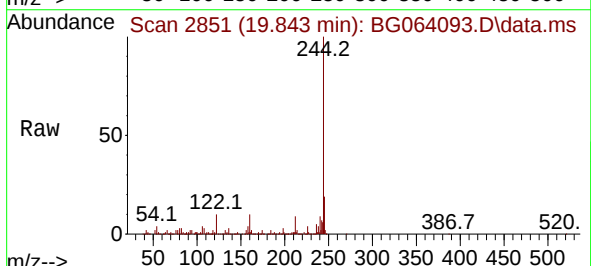
Tgt Ion:184 Resp: 11134

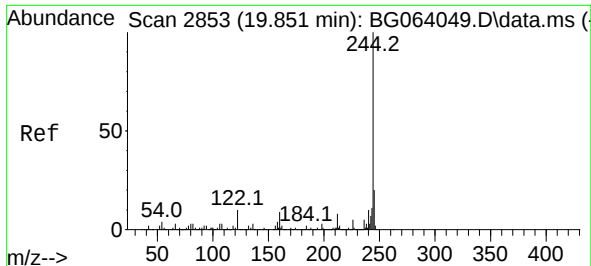
Ion Ratio Lower Upper

184 100

185 16.5 11.3 16.9

183 7.6 9.5 14.3#





#79

Terphenyl-d14

Concen: 54.913 ng

RT: 19.848 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2

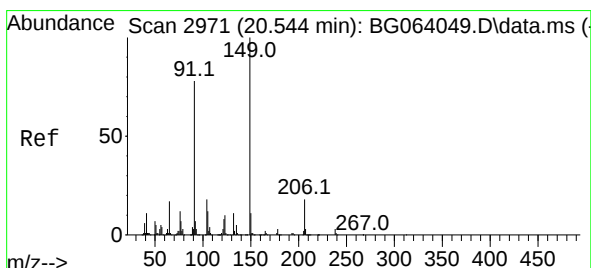
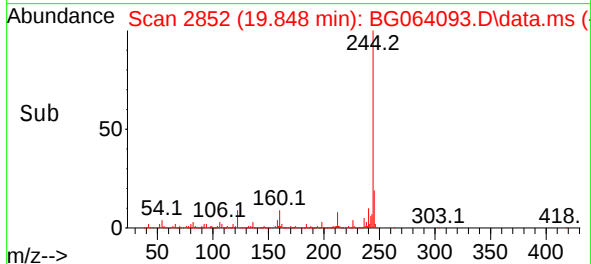
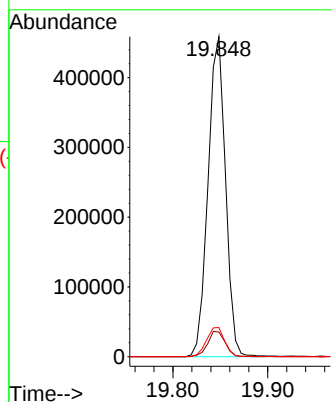
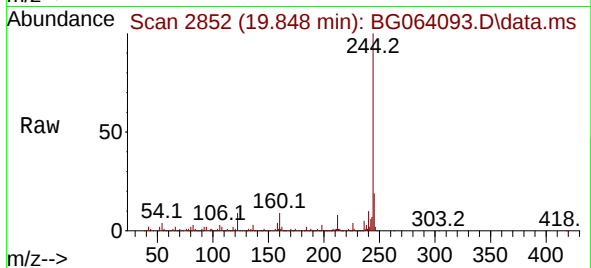
Tgt Ion:244 Resp: 586561

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 9.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.663 ng

RT: 20.512 min Scan# 2965

Delta R.T. -0.032 min

Lab File: BG064093.D

Acq: 11 Mar 2025 13:14

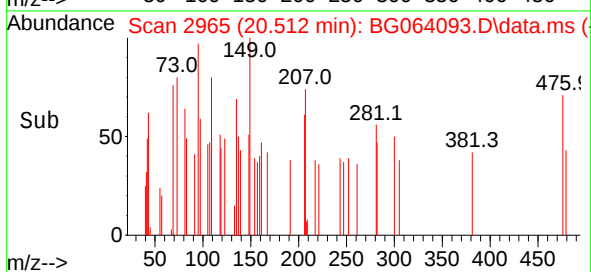
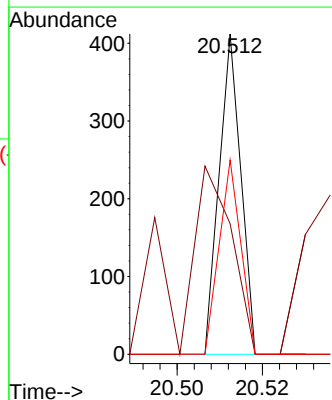
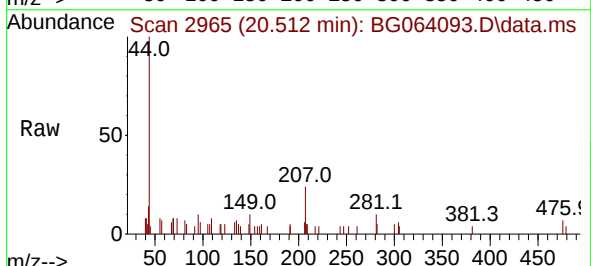
Tgt Ion:149 Resp: 145

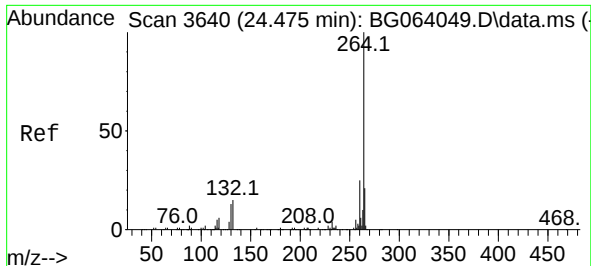
Ion Ratio Lower Upper

149 100

91 40.8 62.0 93.0#

206 60.7 14.6 21.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.472 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG064093.D

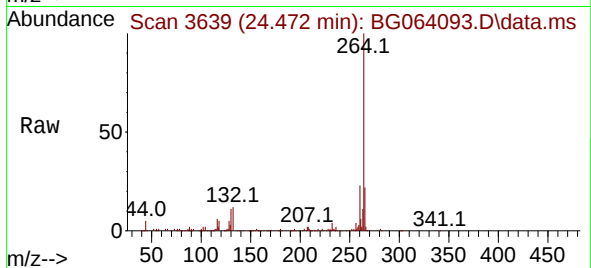
Acq: 11 Mar 2025 13:14

Instrument :

BNA_G

ClientSampleId :

COMP-2



Tgt Ion:264 Resp: 236599

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 22.4 16.6 25.0

