

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064094.D
 Acq On : 11 Mar 2025 13:55
 Operator : RC/JU
 Sample : Q1537-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Mar 11 14:35:17 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)

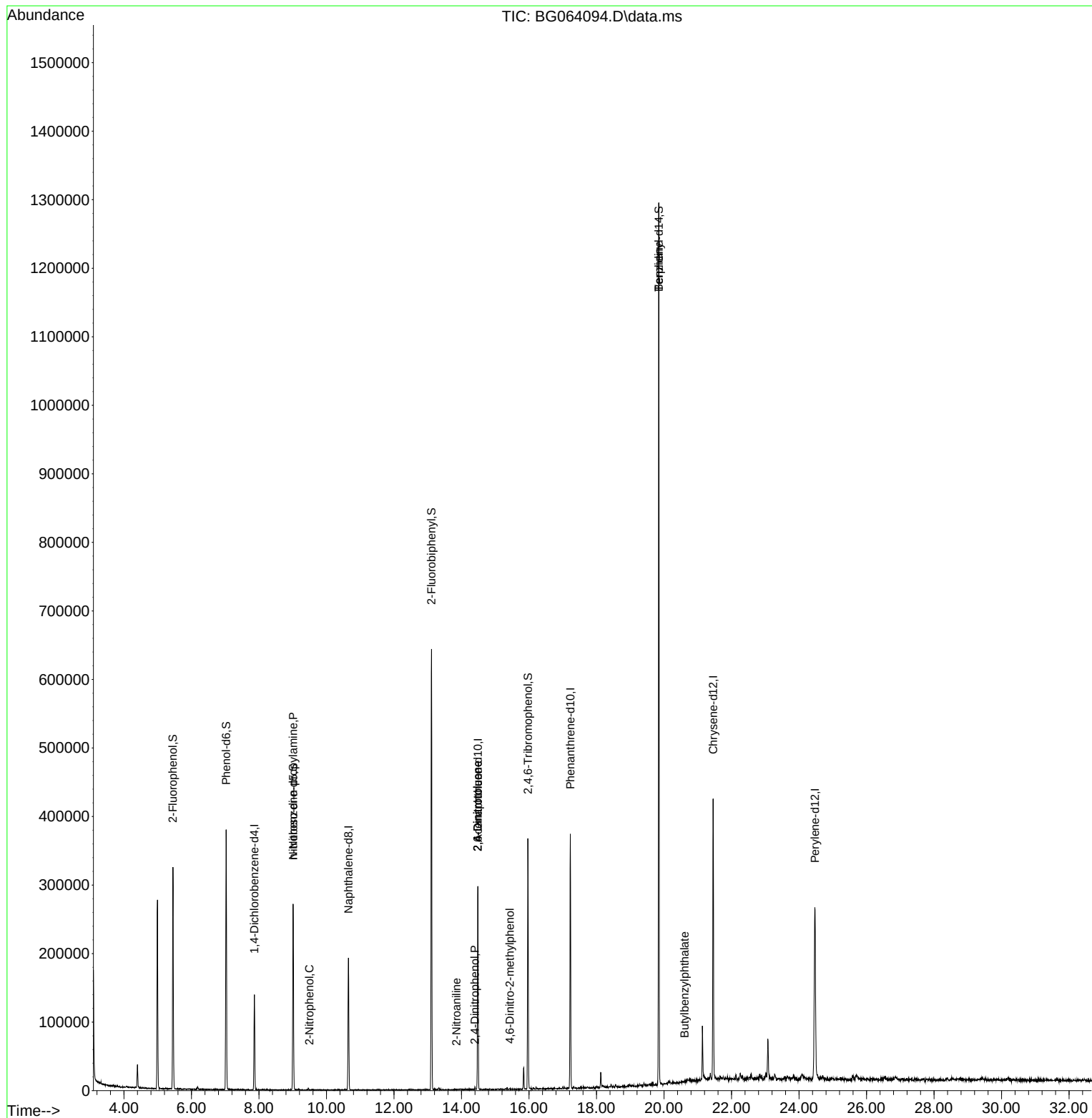
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	33598	20.000	ng	# 0.00
21) Naphthalene-d8	10.650	136	146972	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	96180	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	208186	20.000	ng	0.00
76) Chrysene-d12	21.455	240	229064	20.000	ng	0.00
86) Perylene-d12	24.469	264	248652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	122236	56.808	ng	0.00
7) Phenol-d6	7.025	99	181803	62.109	ng	0.00
23) Nitrobenzene-d5	9.011	82	137438	51.677	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	59088	55.268	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	314554	49.642	ng	0.00
79) Terphenyl-d14	19.845	244	563658	49.755	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	18703	9.104	ng	# 76
26) 2-Nitrophenol	9.493	139	58	3.350	ng	# 26
48) 2-Nitroaniline	13.852	65	53	3.246	ng	# 11
51) 2,6-Dinitrotoluene	14.481	165	14003	12.399	ng	# 17
54) 2,4-Dinitrophenol	14.393	184	58	7.969	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	14003	10.156	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.433	198	74	8.247	ng	# 23
77) Benzidine	19.845	184	10040	3.165	ng	# 89
80) Butylbenzylphthalate	20.609	149	164	3.665	ng	# 20

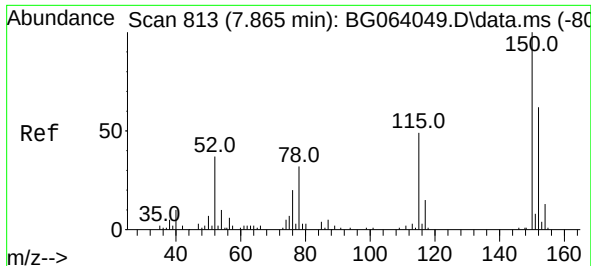
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
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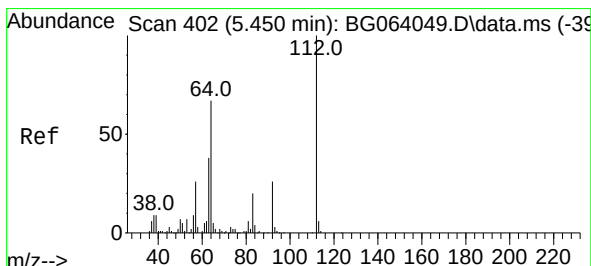
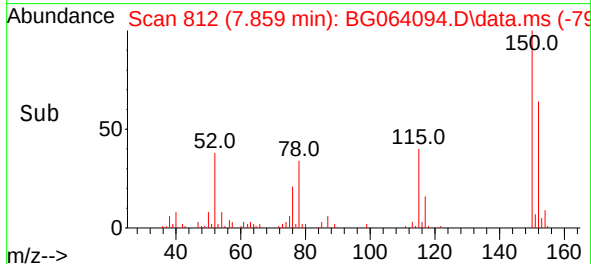
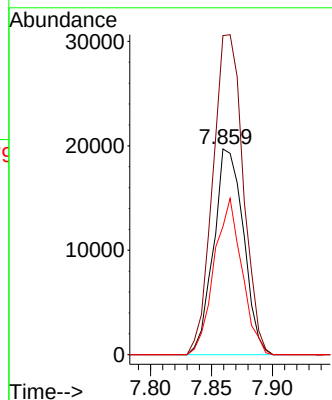
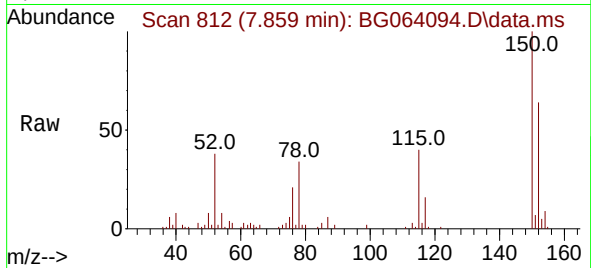




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

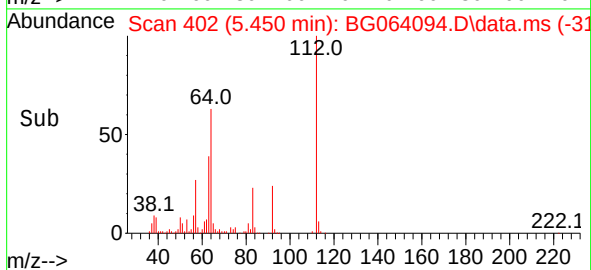
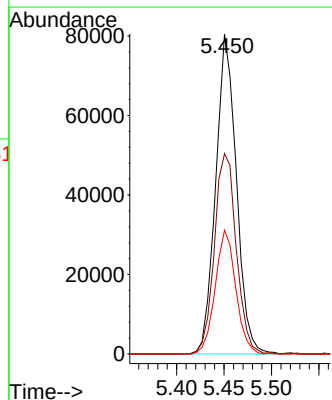
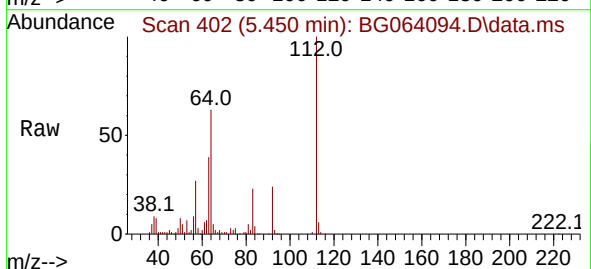
Instrument :
BNA_G
ClientSampleId :
COMP-3

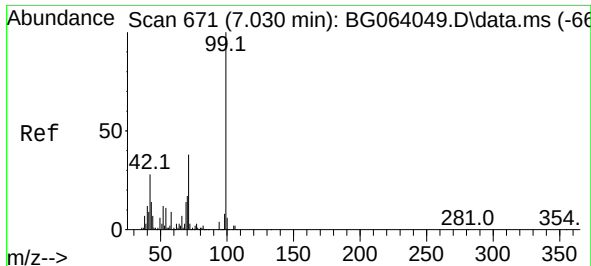
Tgt Ion:152 Resp: 33598
Ion Ratio Lower Upper
152 100
150 155.1 129.2 193.8
115 62.2 63.0 94.6#



#5
2-Fluorophenol
Concen: 56.808 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:112 Resp: 122236
Ion Ratio Lower Upper
112 100
64 62.6 53.7 80.5
63 38.7 30.2 45.4

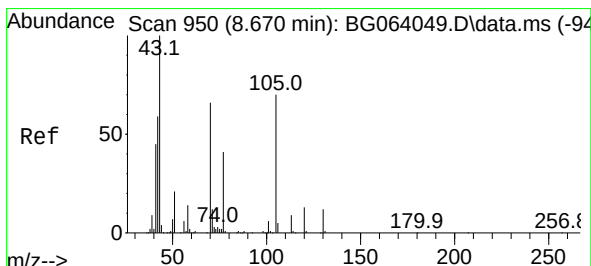
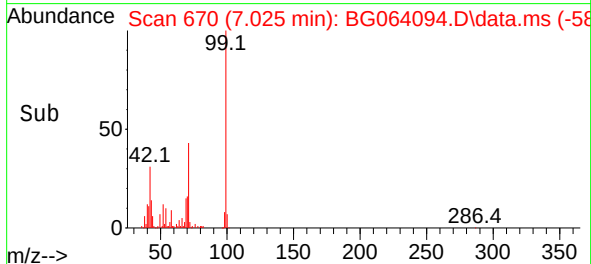
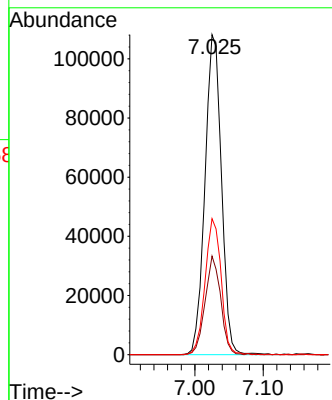
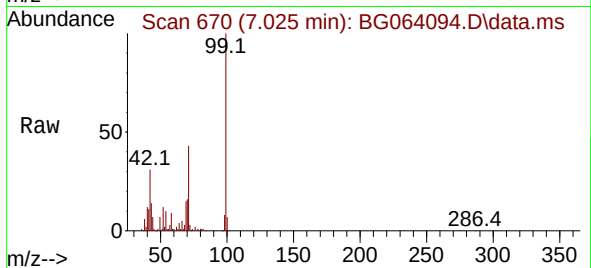




#7
Phenol-d6
Concen: 62.109 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

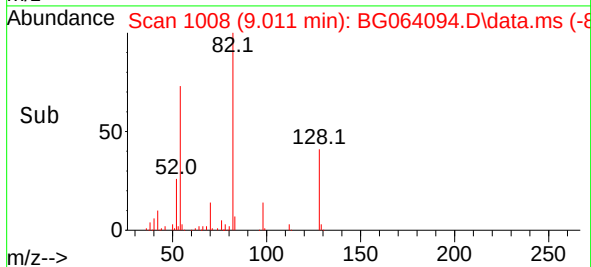
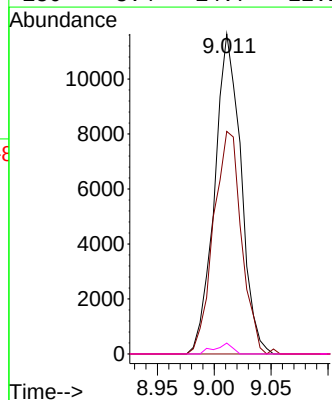
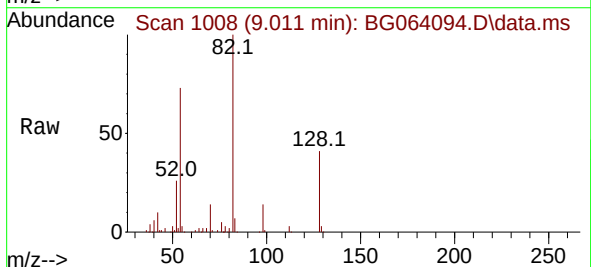
Instrument :
BNA_G
ClientSampleId :
COMP-3

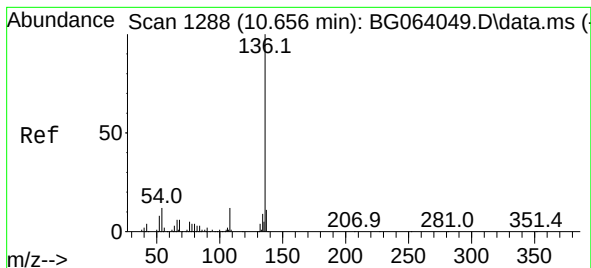
Tgt Ion: 99 Resp: 181803
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 42.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.104 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion: 70 Resp: 18703
Ion Ratio Lower Upper
70 100
42 69.6 72.1 108.1#
101 0.0 7.2 10.8#
130 3.4 14.7 22.1#

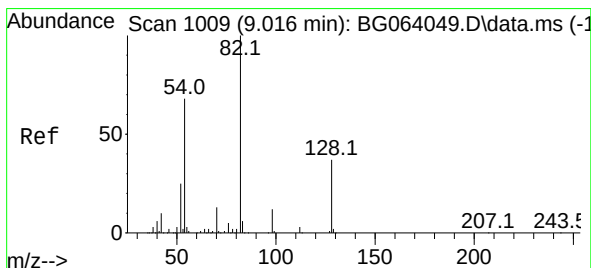
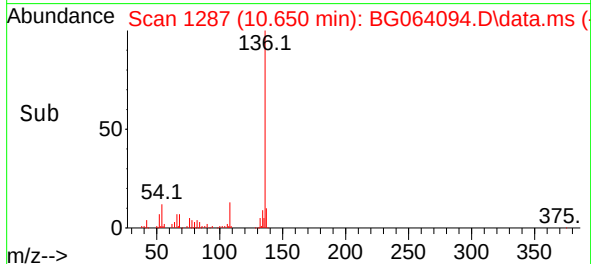
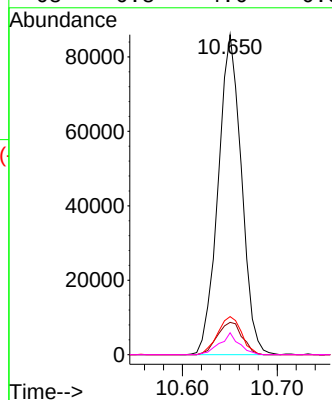
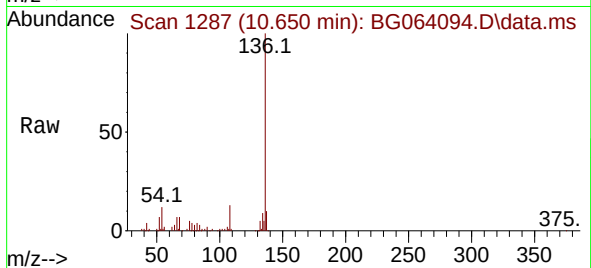




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

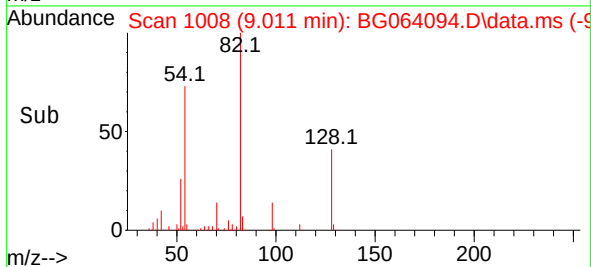
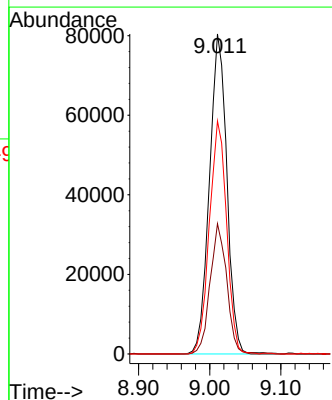
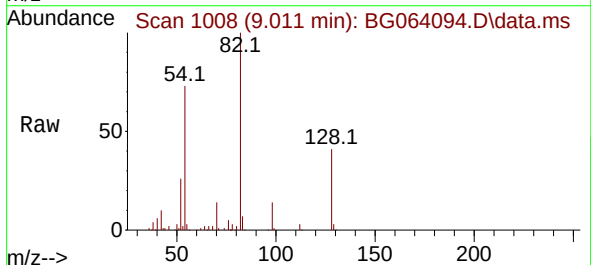
Instrument :
BNA_G
ClientSampleId :
COMP-3

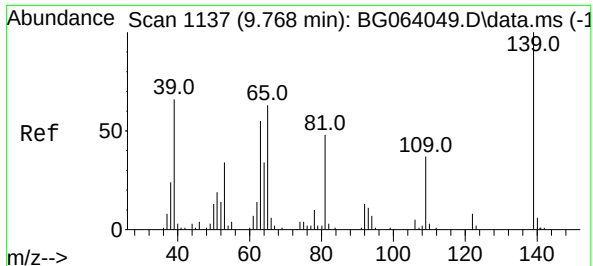
Tgt Ion:136 Resp: 146972
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.9 9.9 14.9
68 6.8 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 51.677 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion: 82 Resp: 137438
Ion Ratio Lower Upper
82 100
128 40.7 30.0 45.0
54 72.8 54.7 82.1

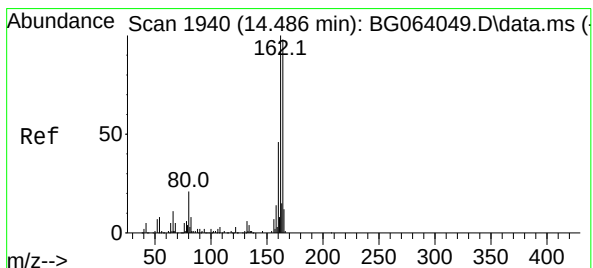
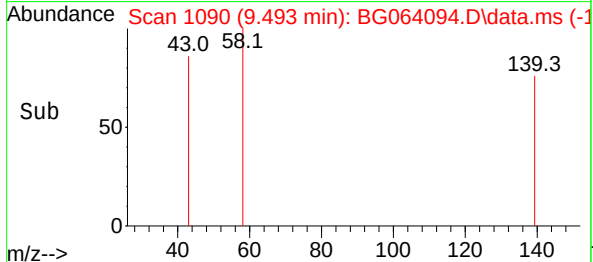
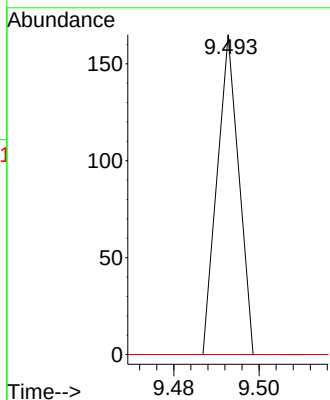
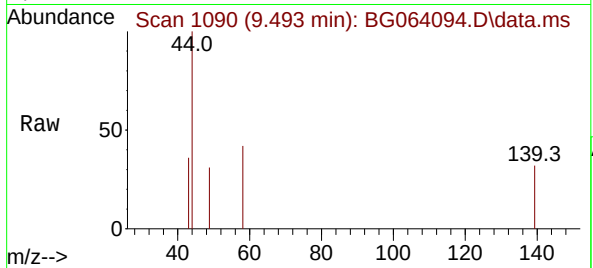




#26
2-Nitrophenol
Concen: 3.350 ng
RT: 9.493 min Scan# 1090
Delta R.T. -0.275 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

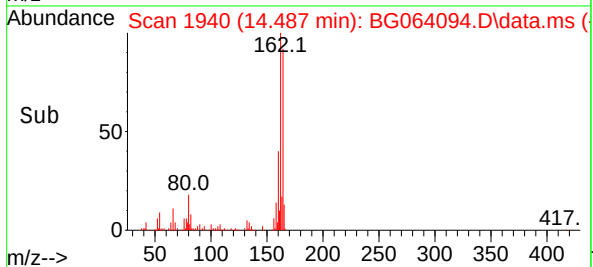
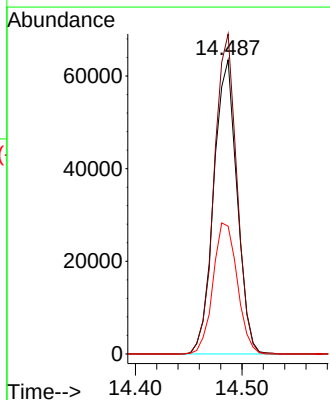
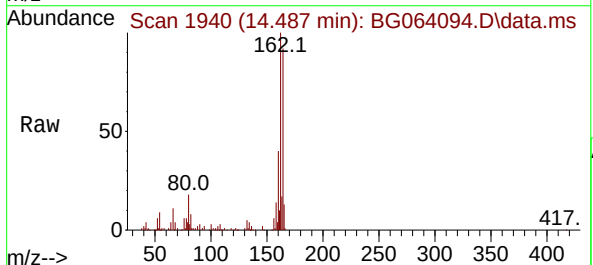
Instrument :
BNA_G
ClientSampleId :
COMP-3

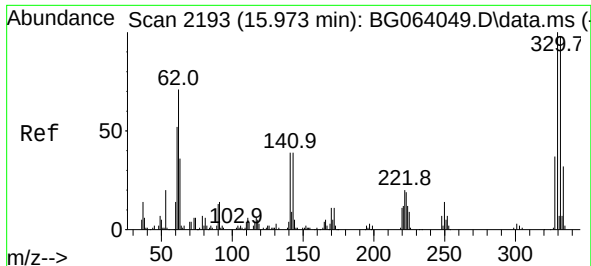
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:164 Resp: 96180
Ion Ratio Lower Upper
164 100
162 108.8 81.4 122.0
160 43.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 55.268 ng

RT: 15.967 min Scan# 2193

Delta R.T. -0.005 min

Lab File: BG064094.D

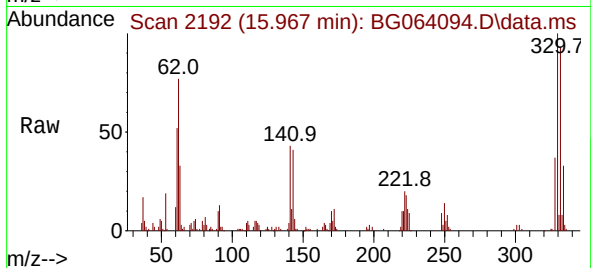
Acq: 11 Mar 2025 13:55

Instrument :

BNA_G

ClientSampleId :

COMP-3



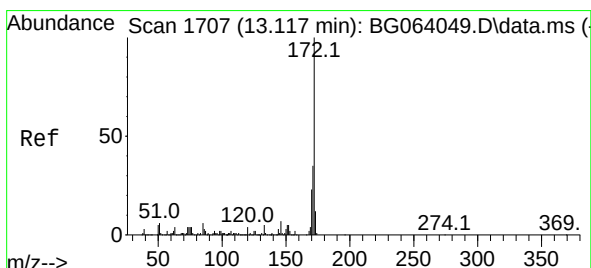
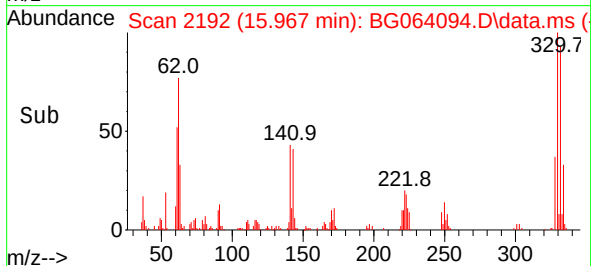
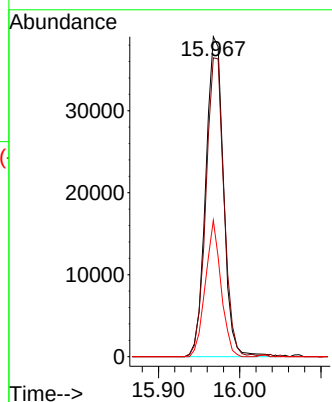
Tgt Ion:330 Resp: 59088

Ion Ratio Lower Upper

330 100

332 94.7 76.7 115.1

141 37.3 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 49.642 ng

RT: 13.112 min Scan# 1706

Delta R.T. -0.005 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

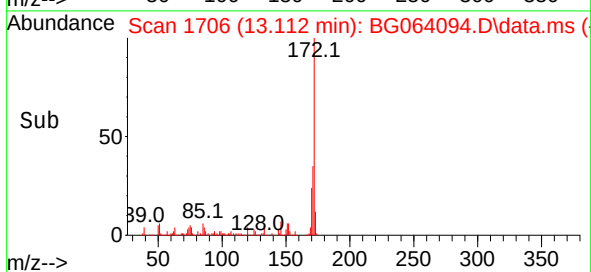
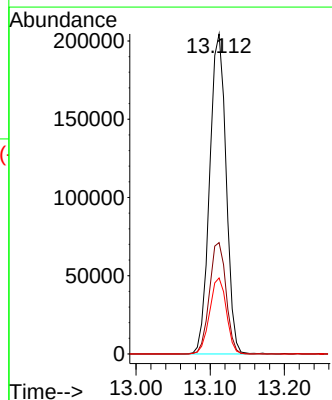
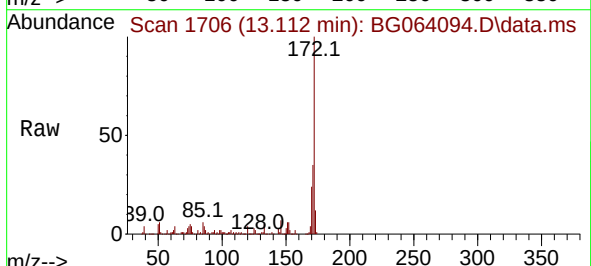
Tgt Ion:172 Resp: 314554

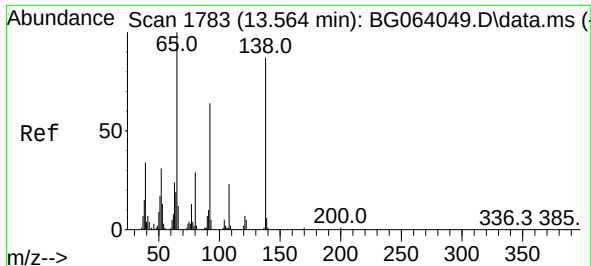
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.8 18.7 28.1





#48

2-Nitroaniline

Concen: 3.246 ng

RT: 13.852 min Scan# 1

Delta R.T. 0.288 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

Instrument :

BNA_G

ClientSampleId :

COMP-3

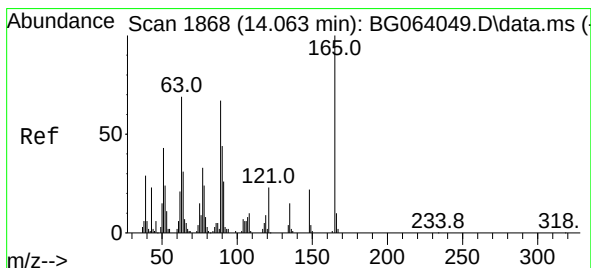
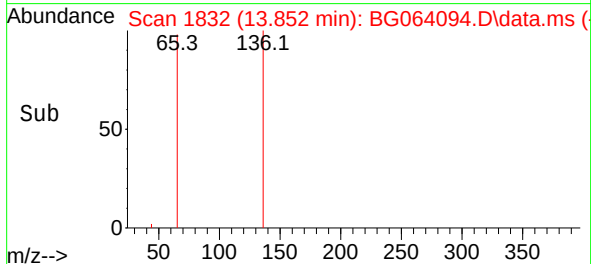
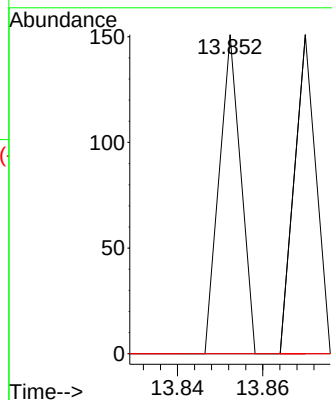
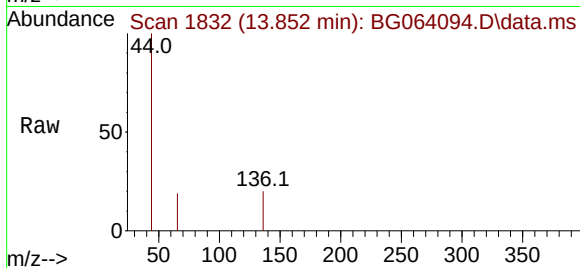
Tgt Ion: 65 Resp: 53

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: 12.399 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.418 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

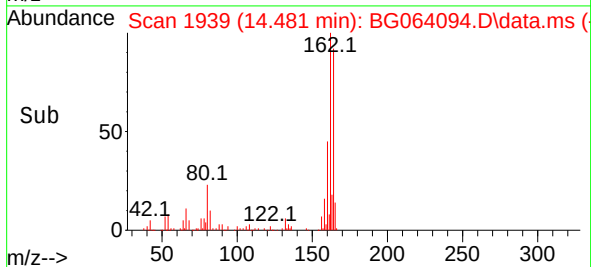
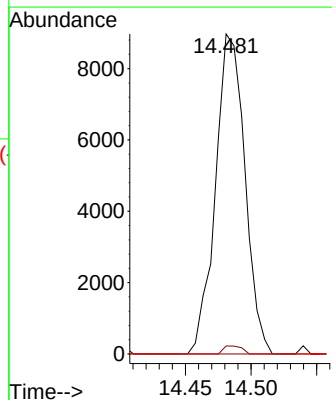
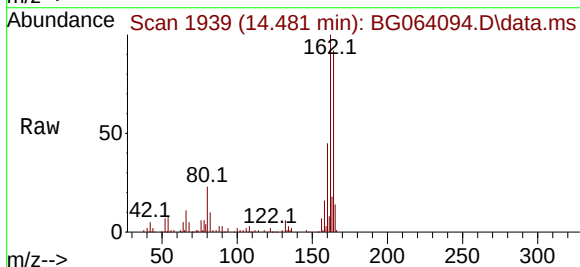
Tgt Ion:165 Resp: 14003

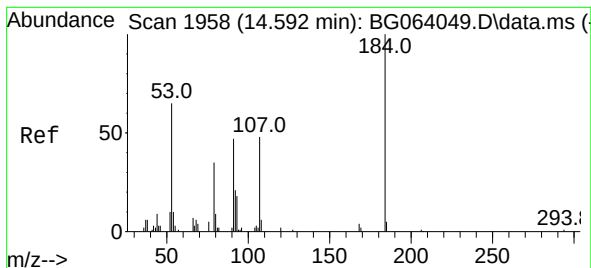
Ion Ratio Lower Upper

165 100

63 2.5 56.7 85.1#

89 0.0 53.7 80.5#

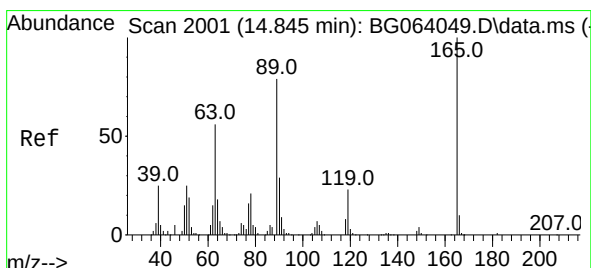
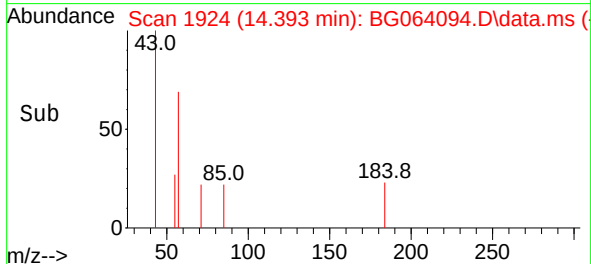
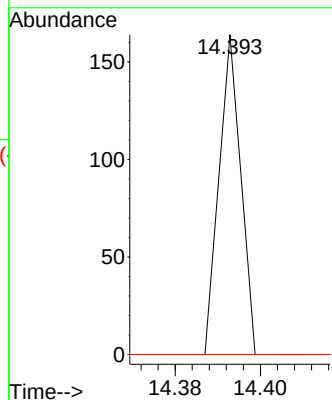
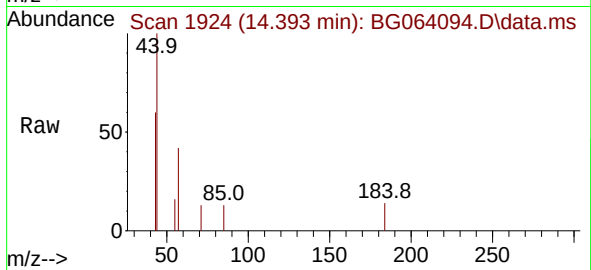




#54
2,4-Dinitrophenol
Concen: 7.969 ng
RT: 14.393 min Scan# 1924
Delta R.T. -0.199 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

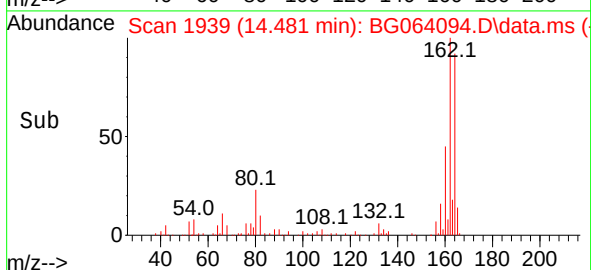
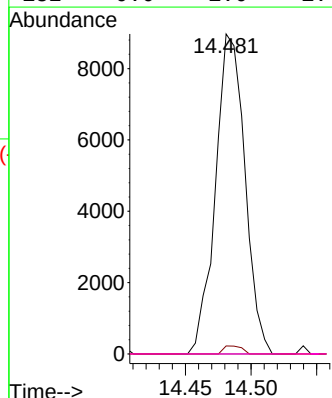
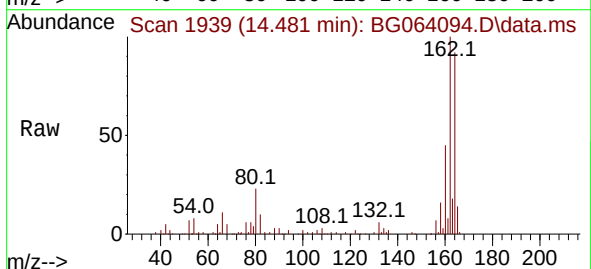
Instrument :
BNA_G
ClientSampleId :
COMP-3

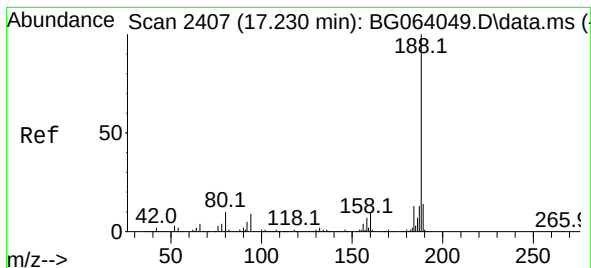
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 10.156 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:165 Resp: 14003
Ion Ratio Lower Upper
165 100
63 2.5 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: 17.225 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

Instrument :

BNA_G

ClientSampleId :

COMP-3

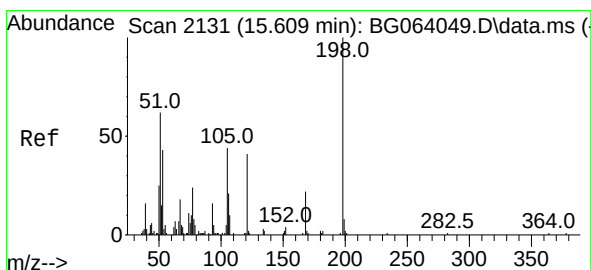
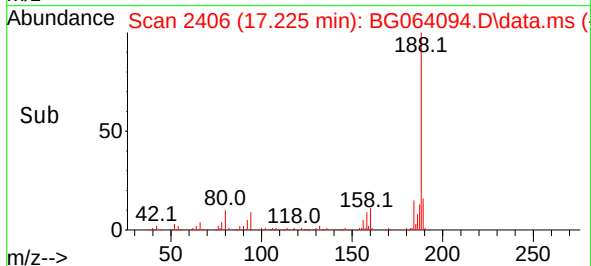
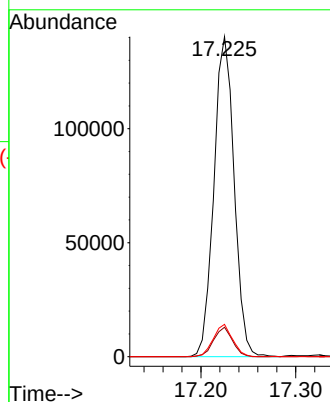
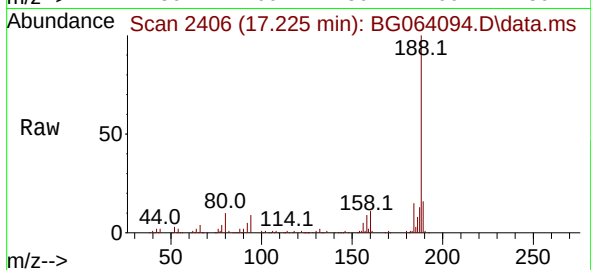
Tgt Ion:188 Resp: 208186

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 10.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.247 ng

RT: 15.433 min Scan# 2101

Delta R.T. -0.176 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

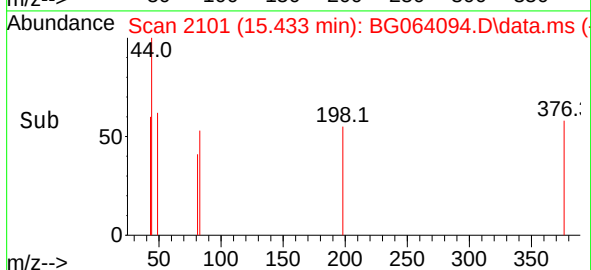
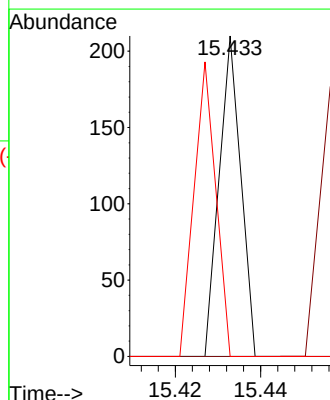
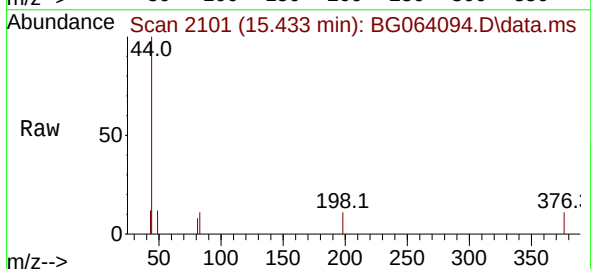
Tgt Ion:198 Resp: 74

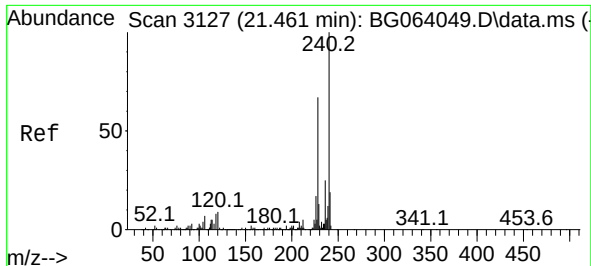
Ion Ratio Lower Upper

198 100

51 0.0 45.6 85.6#

105 0.0 25.3 65.3#

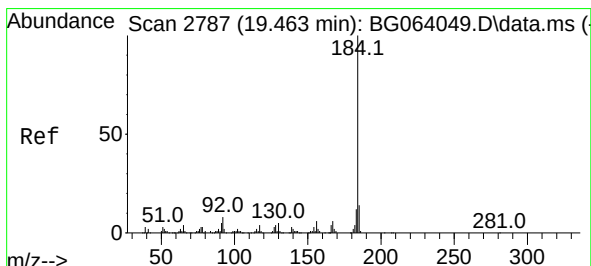
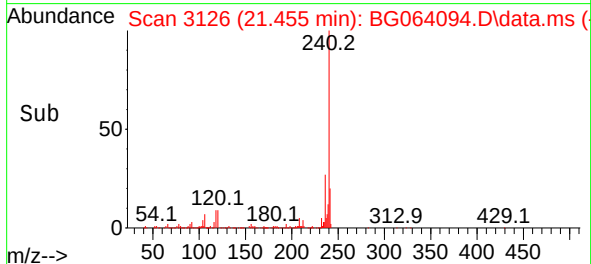
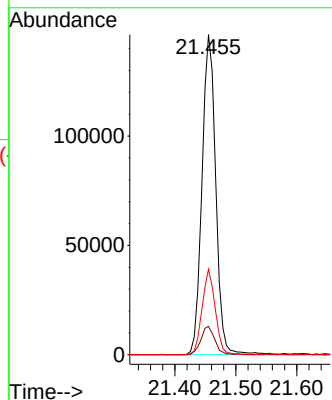
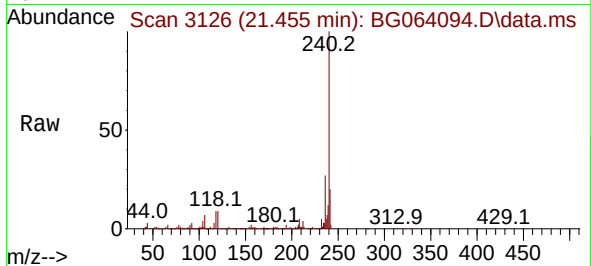




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

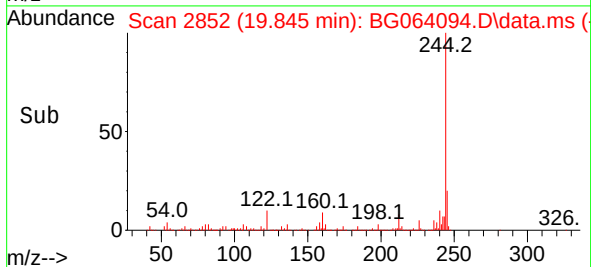
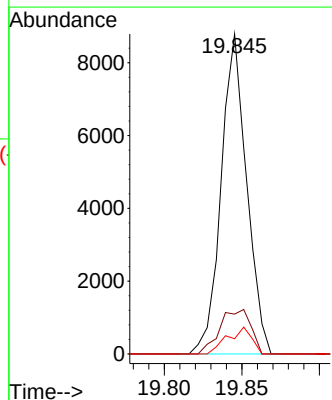
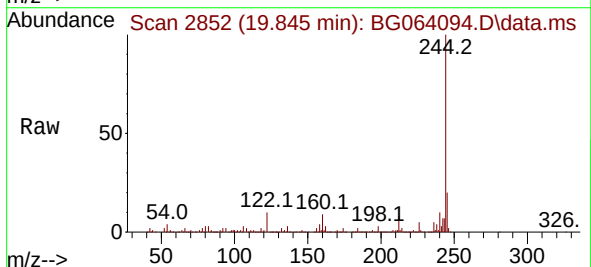
Instrument :
BNA_G
ClientSampleId :
COMP-3

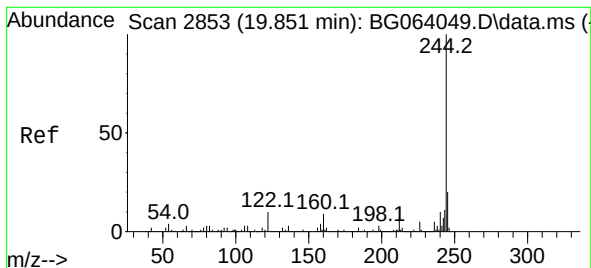
Tgt Ion:240 Resp: 229064
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 26.8 20.2 30.2



#77
Benzidine
Concen: 3.165 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:184 Resp: 10040
Ion Ratio Lower Upper
184 100
185 12.5 11.3 16.9
183 4.8 9.5 14.3#





#79

Terphenyl-d14

Concen: 49.755 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

Instrument :

BNA_G

ClientSampleId :

COMP-3

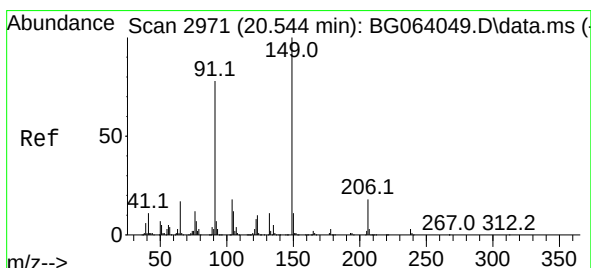
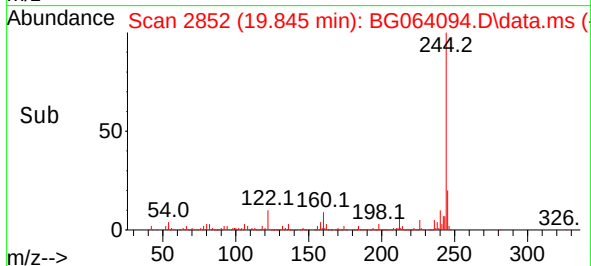
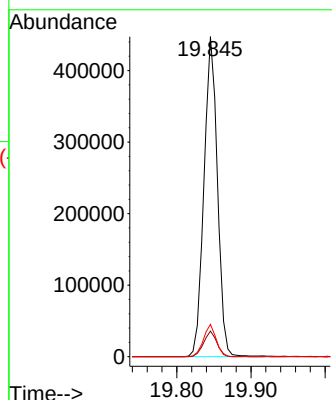
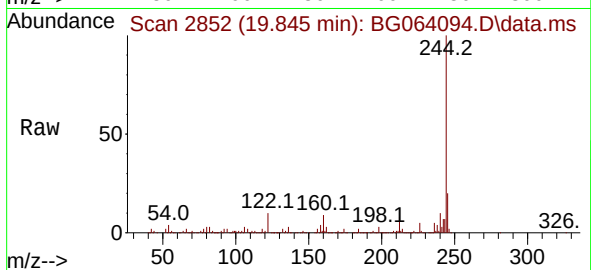
Tgt Ion:244 Resp: 563658

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 10.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.665 ng

RT: 20.609 min Scan# 2982

Delta R.T. 0.065 min

Lab File: BG064094.D

Acq: 11 Mar 2025 13:55

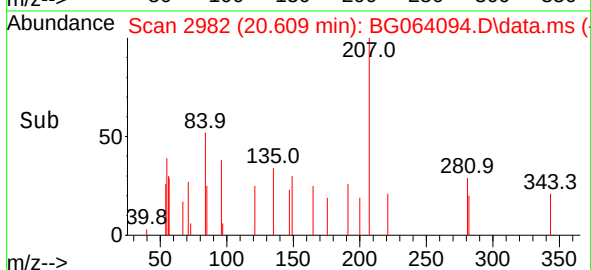
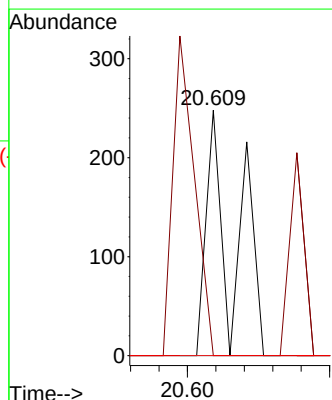
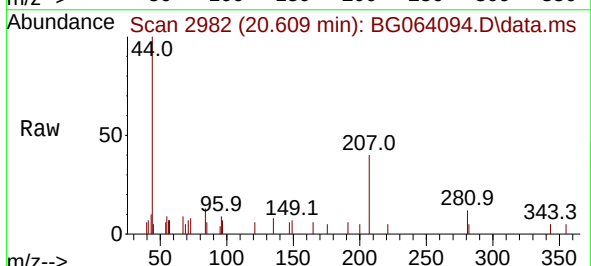
Tgt Ion:149 Resp: 164

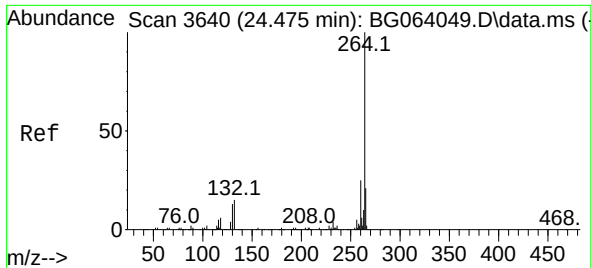
Ion Ratio Lower Upper

149 100

91 0.0 62.0 93.0#

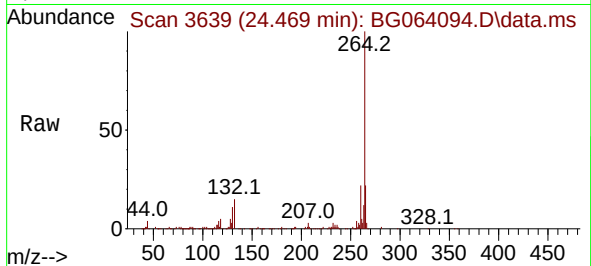
206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.469 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG064094.D
 Acq: 11 Mar 2025 13:55

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3



Tgt Ion:264 Resp: 248652
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 21.9 16.6 25.0

