

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064095.D
 Acq On : 11 Mar 2025 14:35
 Operator : RC/JU
 Sample : Q1537-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Mar 11 15:18:02 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)

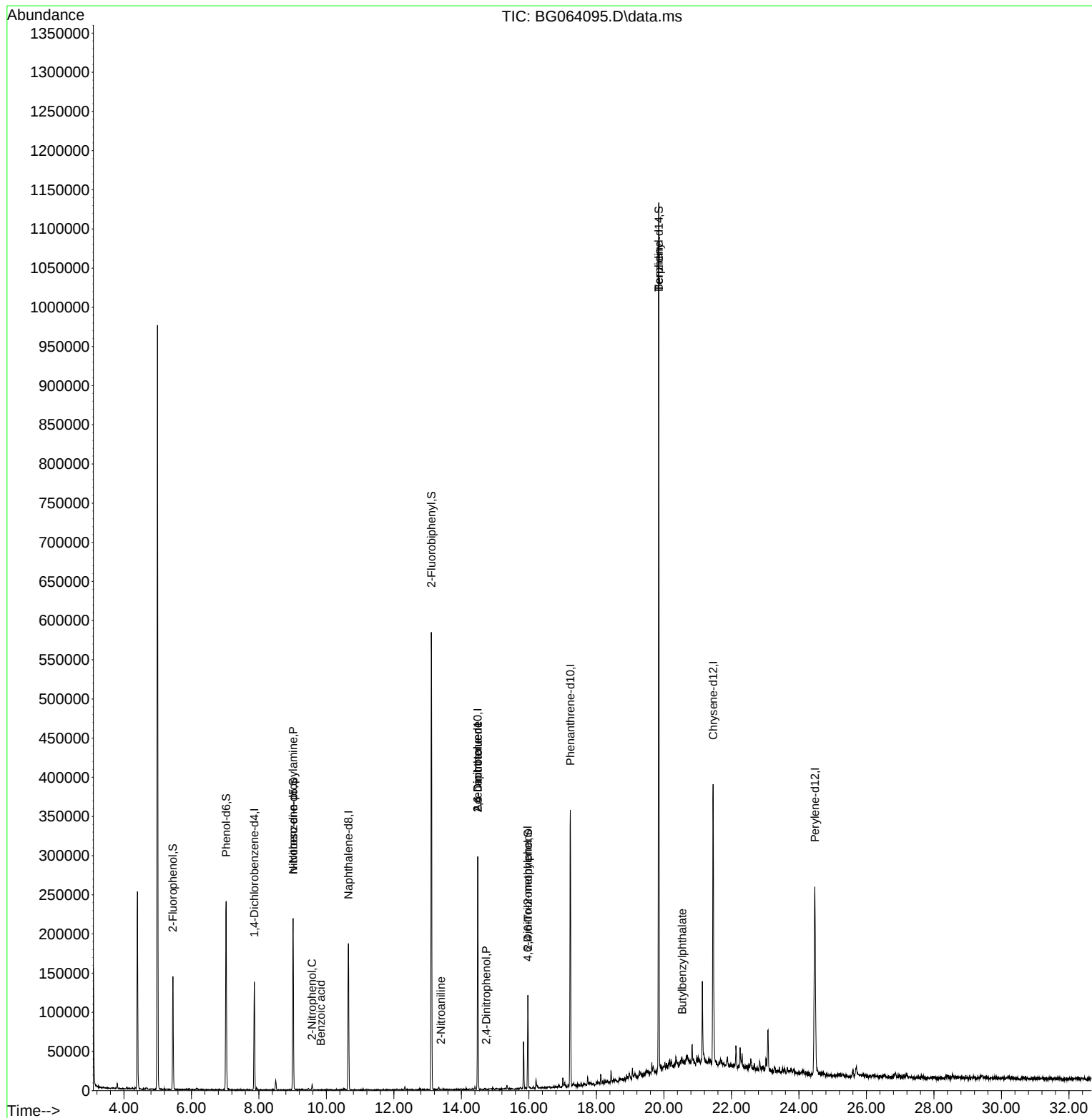
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	34148	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145706	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	96580	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	210885	20.000	ng	0.00
76) Chrysene-d12	21.457	240	211485	20.000	ng	0.00
86) Perylene-d12	24.471	264	230150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	54804	25.060	ng	0.00
7) Phenol-d6	7.027	99	114847	38.603	ng	0.00
23) Nitrobenzene-d5	9.013	82	113398	43.008	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	19974	18.605	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	281014	44.165	ng	0.00
79) Terphenyl-d14	19.847	244	515236	49.261	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.013	70	15261	7.309	ng	# 74
26) 2-Nitrophenol	9.577	139	61	3.354	ng	# 26
32) Benzoic acid	9.835	122	57	8.722	ng	# 1
48) 2-Nitroaniline	13.396	65	67	3.254	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	13396	11.971	ng	# 15
54) 2,4-Dinitrophenol	14.735	184	56	7.965	ng	# 15
57) 2,4-Dinitrotoluene	14.483	165	13396	9.848	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.963	198	84	8.255	ng	# 78
77) Benzidine	19.847	184	9693	3.310	ng	# 91
80) Butylbenzylphthalate	20.540	149	297	3.691	ng	# 83

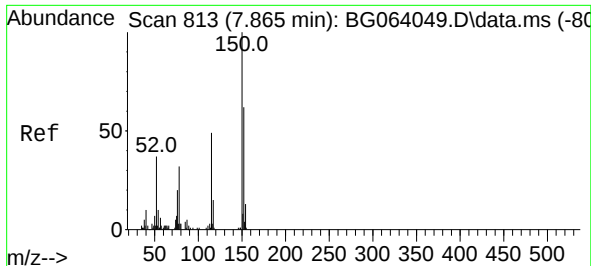
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064095.D
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Misc :
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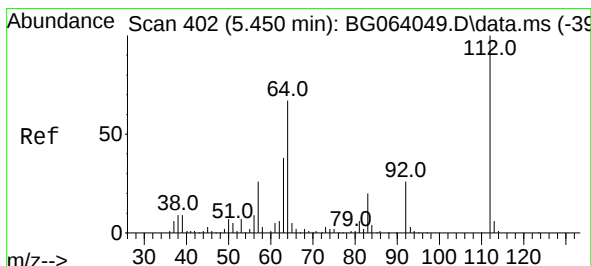
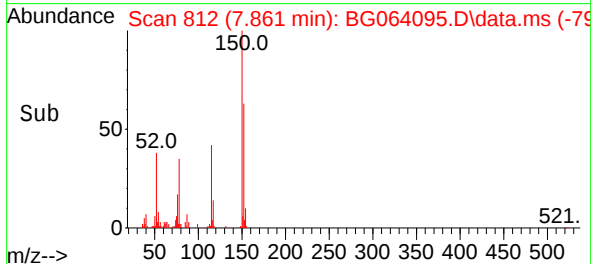
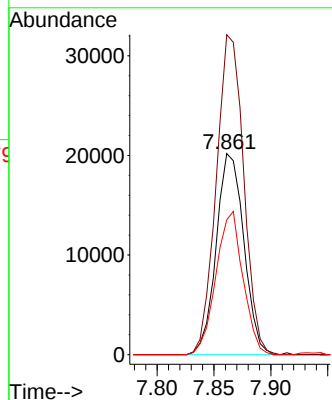
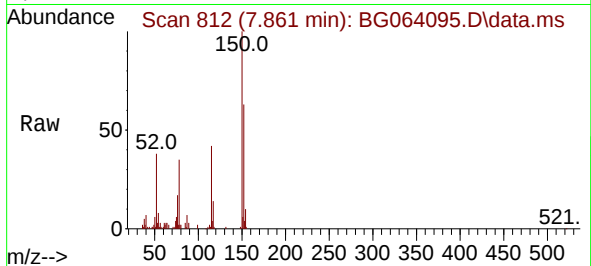




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

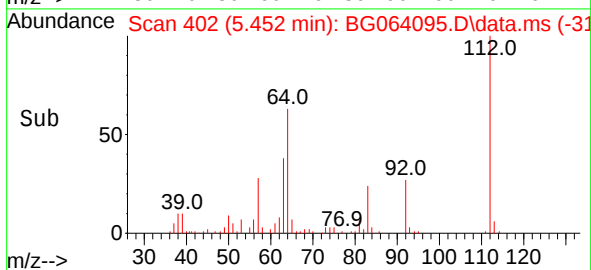
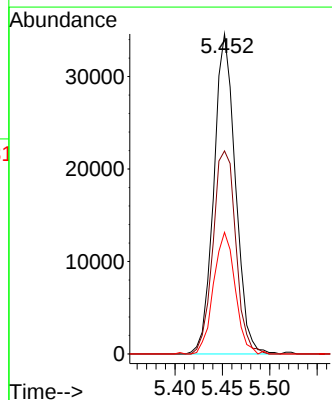
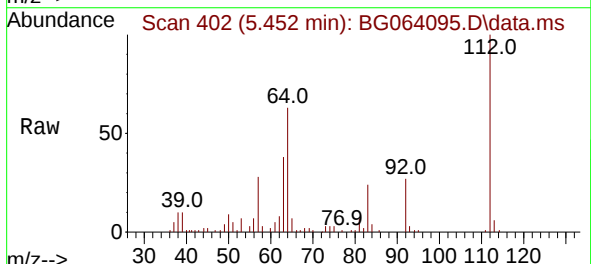
Instrument :
BNA_G
ClientSampleId :
COMP-1

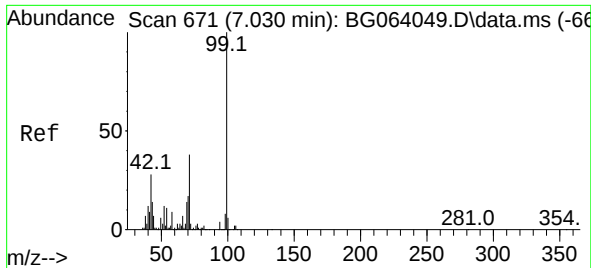
Tgt Ion:152 Resp: 34148
Ion Ratio Lower Upper
152 100
150 159.1 129.2 193.8
115 67.1 63.0 94.6



#5
2-Fluorophenol
Concen: 25.060 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:112 Resp: 54804
Ion Ratio Lower Upper
112 100
64 63.5 53.7 80.5
63 38.0 30.2 45.4

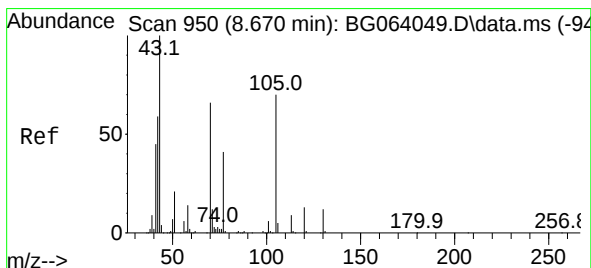
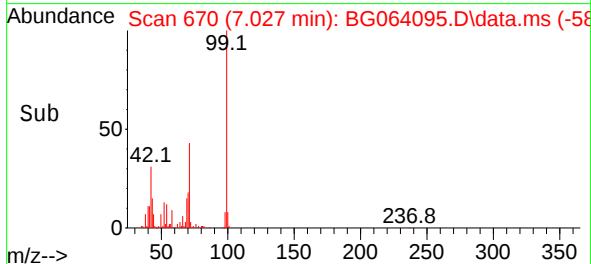
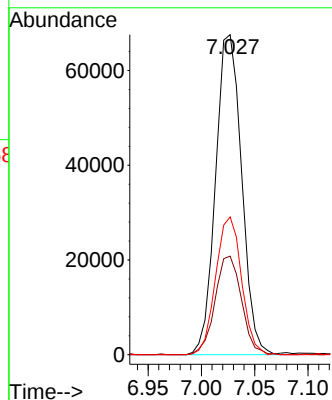
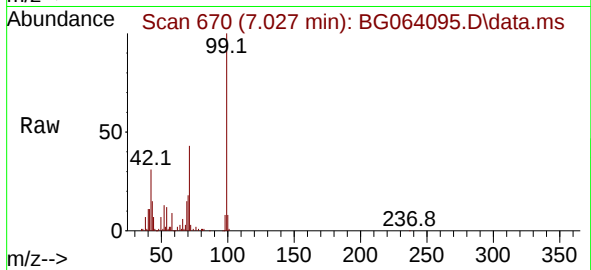




#7
Phenol-d6
Concen: 38.603 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

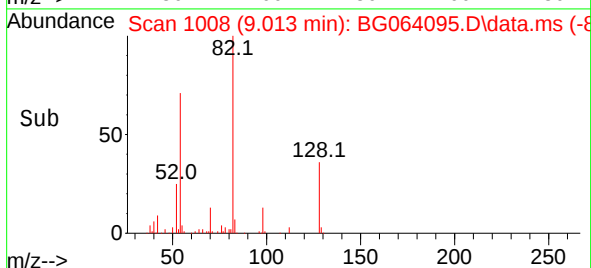
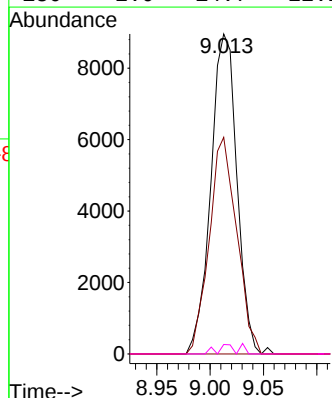
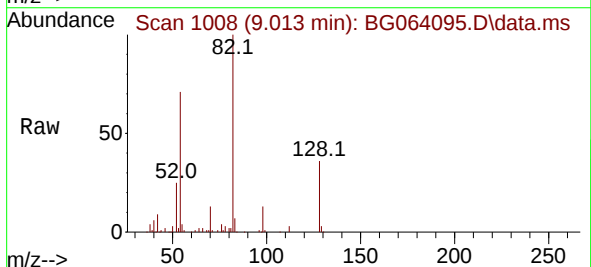
Instrument :
BNA_G
ClientSampleId :
COMP-1

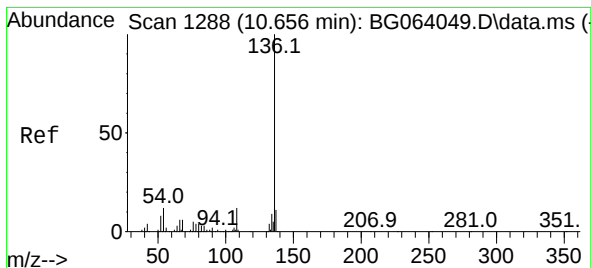
Tgt Ion: 99 Resp: 114847
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 43.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.309 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.343 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion: 70 Resp: 15261
Ion Ratio Lower Upper
70 100
42 67.7 72.1 108.1#
101 0.0 7.2 10.8#
130 2.9 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.652 min Scan# 1287

Delta R.T. -0.004 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

Instrument :

BNA_G

ClientSampleId :

COMP-1

Tgt Ion:136 Resp: 145706

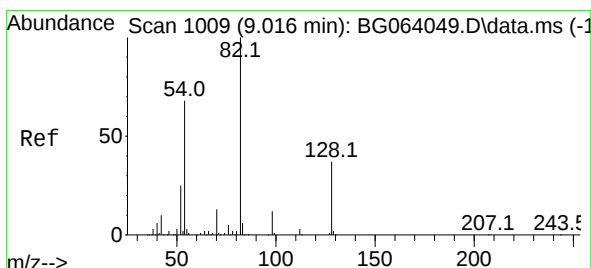
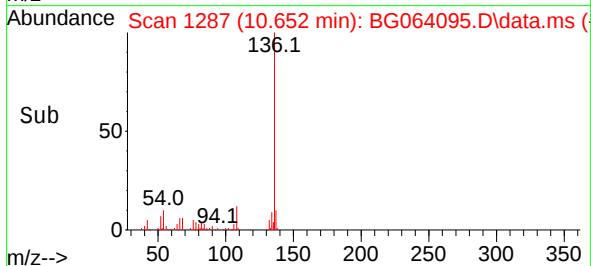
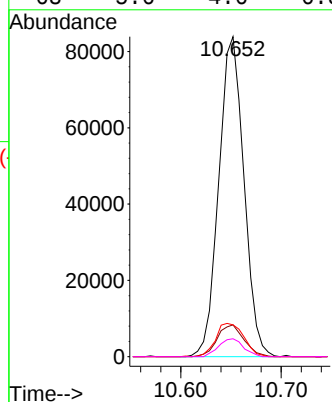
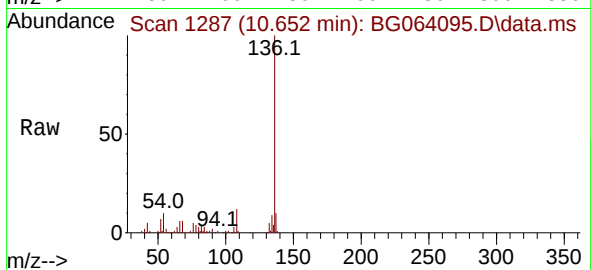
Ion Ratio Lower Upper

136 100

137 10.0 8.5 12.7

54 9.9 9.9 14.9

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 43.008 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

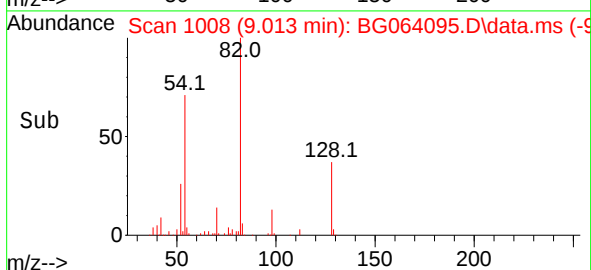
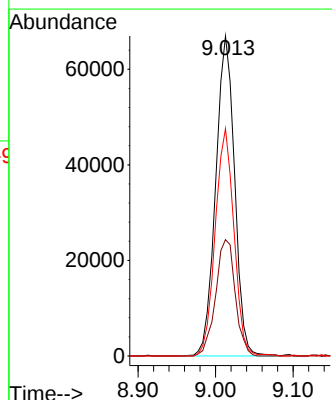
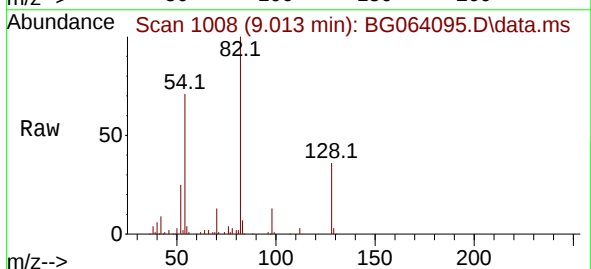
Tgt Ion: 82 Resp: 113398

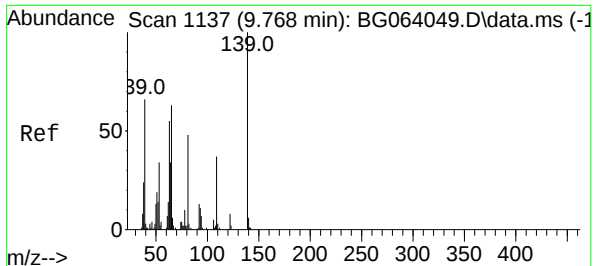
Ion Ratio Lower Upper

82 100

128 36.3 30.0 45.0

54 71.0 54.7 82.1





#26

2-Nitrophenol

Concen: 3.354 ng

RT: 9.577 min Scan# 1148

Delta R.T. -0.191 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

Instrument :

BNA_G

ClientSampleId :

COMP-1

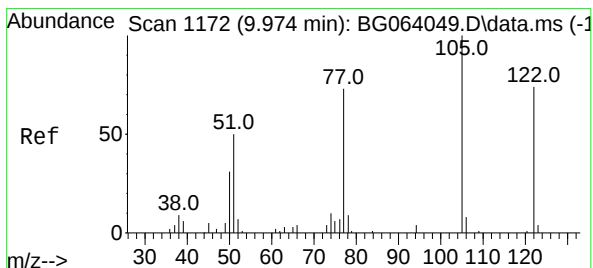
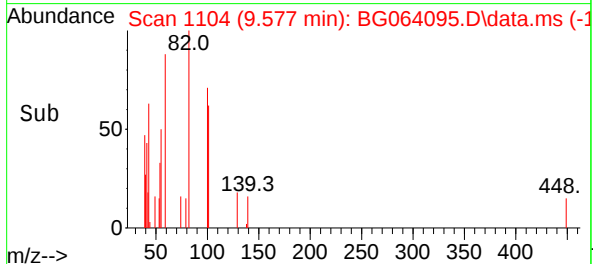
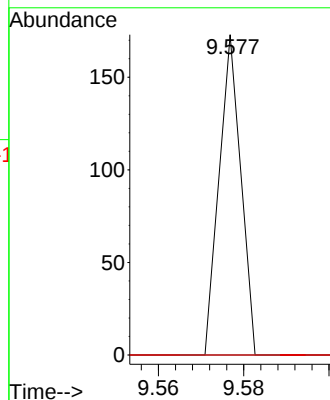
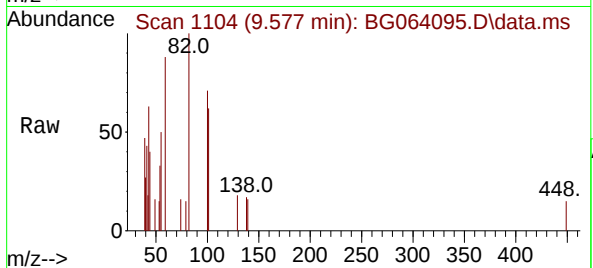
Tgt Ion:139 Resp: 61

Ion Ratio Lower Upper

139 100

109 0.0 29.9 44.9#

65 0.0 50.6 76.0#



#32

Benzoic acid

Concen: 8.722 ng

RT: 9.835 min Scan# 1148

Delta R.T. -0.139 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

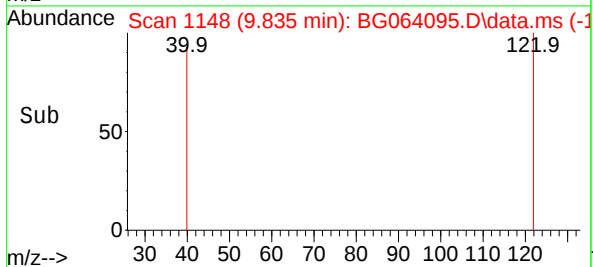
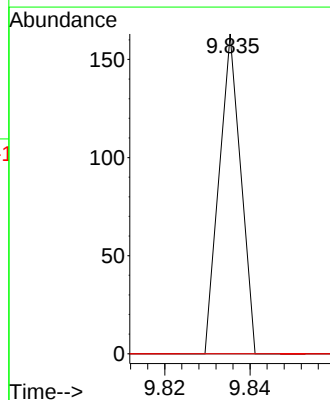
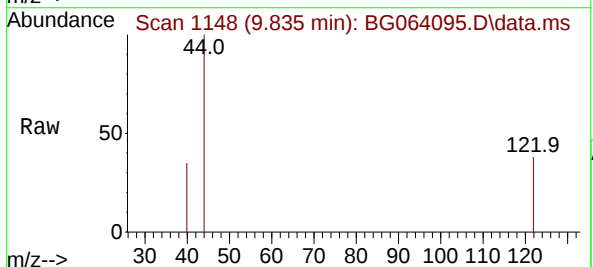
Tgt Ion:122 Resp: 57

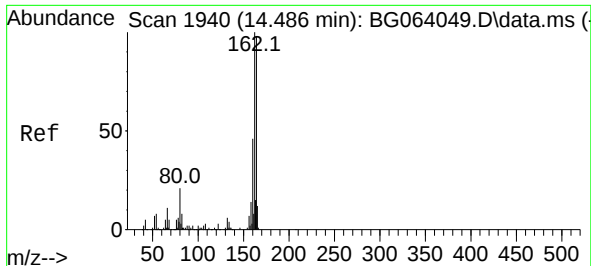
Ion Ratio Lower Upper

122 100

105 0.0 115.0 155.0#

77 0.0 80.9 120.9#

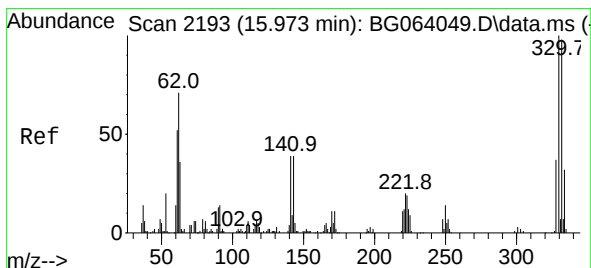
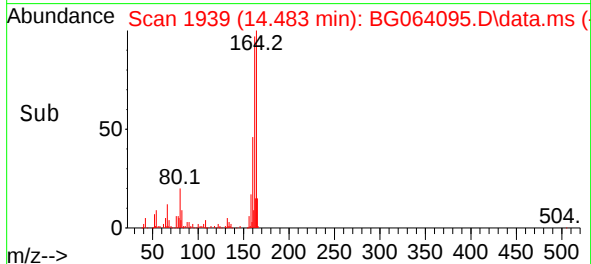
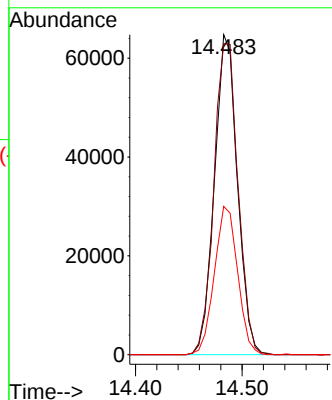
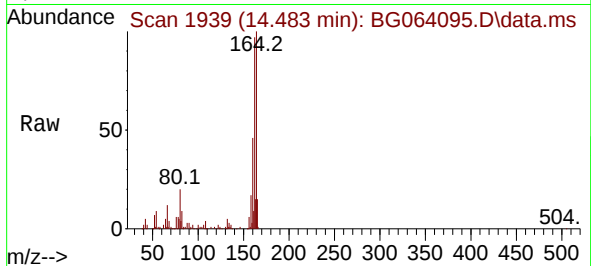




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

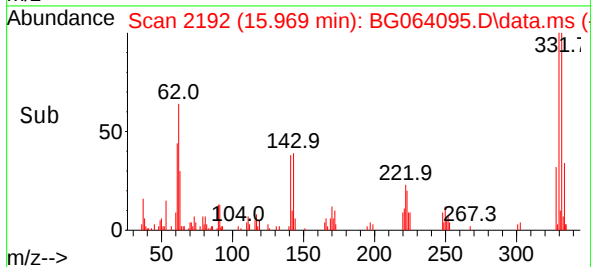
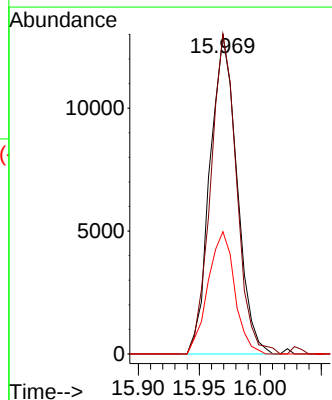
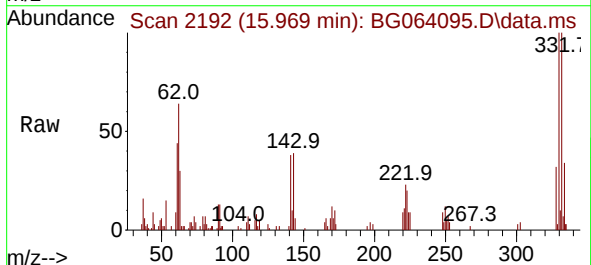
Instrument :
BNA_G
ClientSampleId :
COMP-1

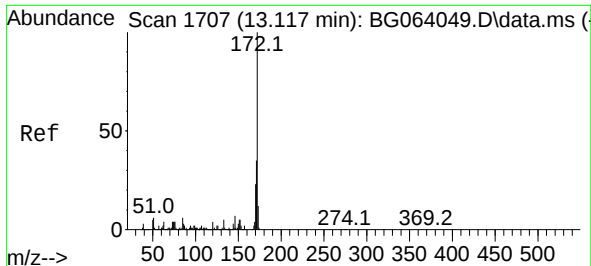
Tgt Ion:164 Resp: 96580
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 46.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 18.605 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:330 Resp: 19974
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 37.9 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 44.165 ng

RT: 13.108 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

Instrument :

BNA_G

ClientSampleId :

COMP-1

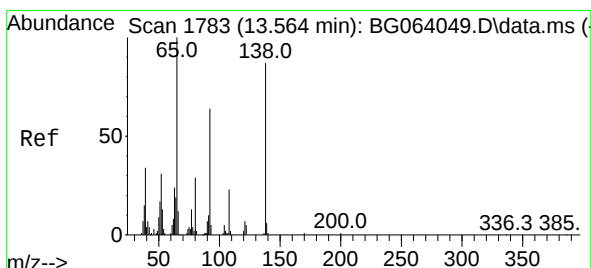
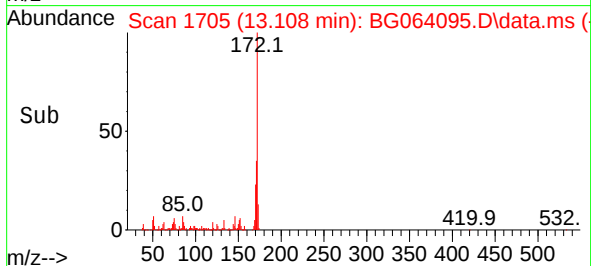
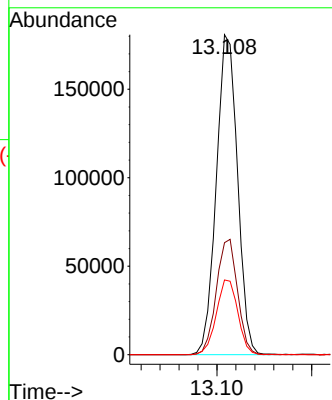
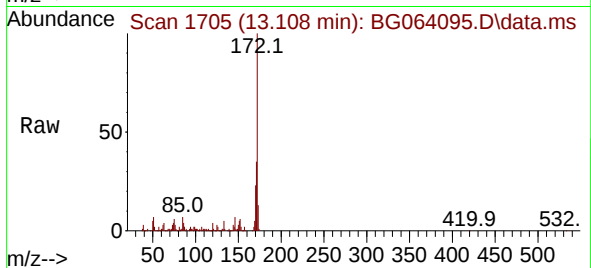
Tgt Ion:172 Resp: 281014

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.254 ng

RT: 13.396 min Scan# 1754

Delta R.T. -0.168 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

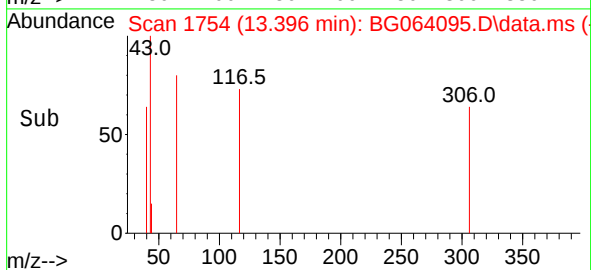
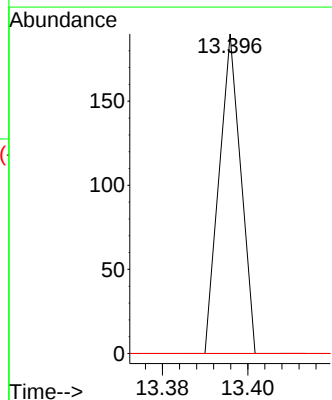
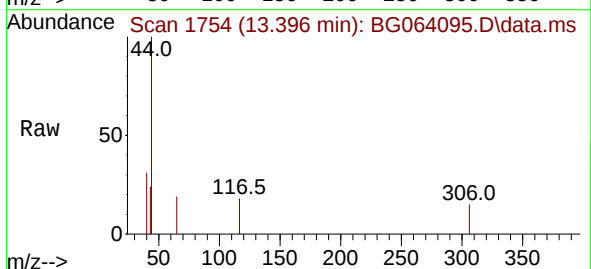
Tgt Ion: 65 Resp: 67

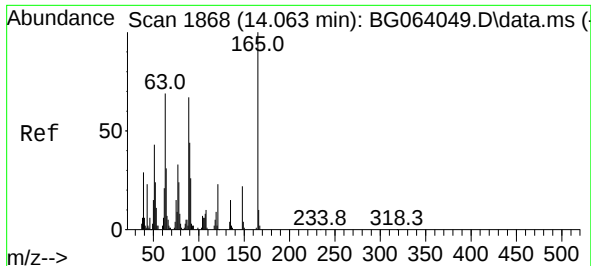
Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#

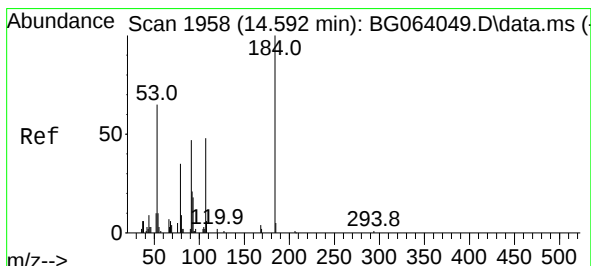
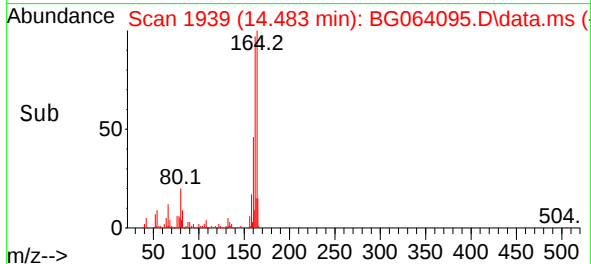
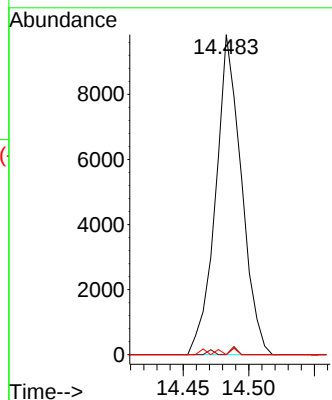
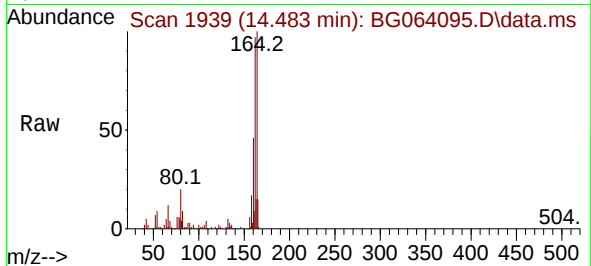




#51
2,6-Dinitrotoluene
Concen: 11.971 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

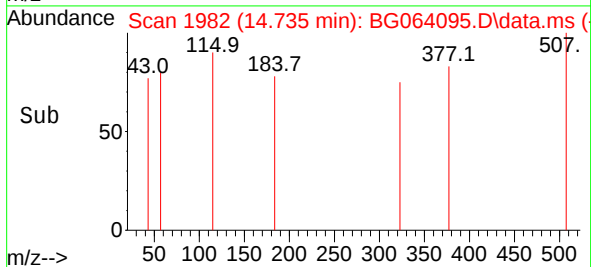
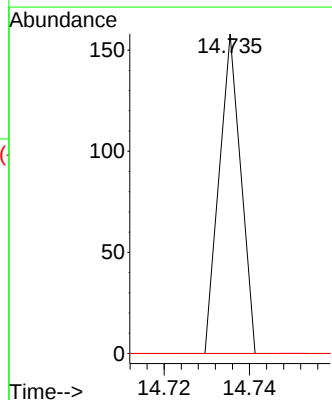
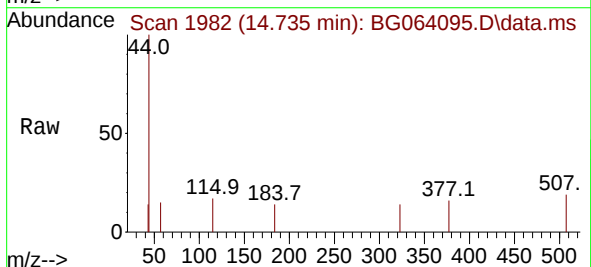
Instrument :
BNA_G
ClientSampleId :
COMP-1

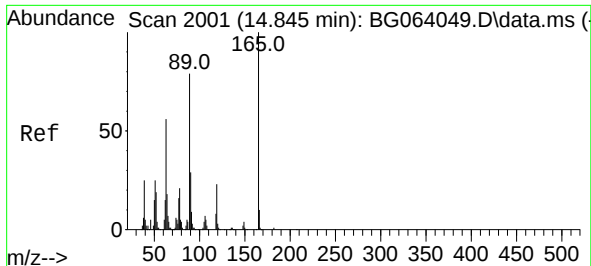
Tgt Ion:165 Resp: 13396
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



#54
2,4-Dinitrophenol
Concen: 7.965 ng
RT: 14.735 min Scan# 1982
Delta R.T. 0.143 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#

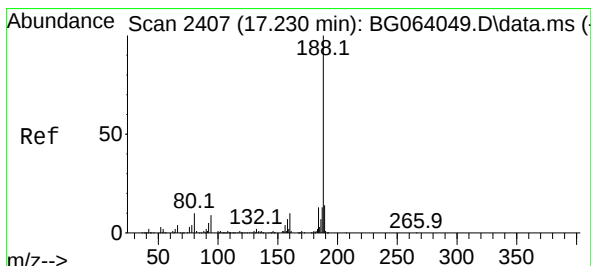
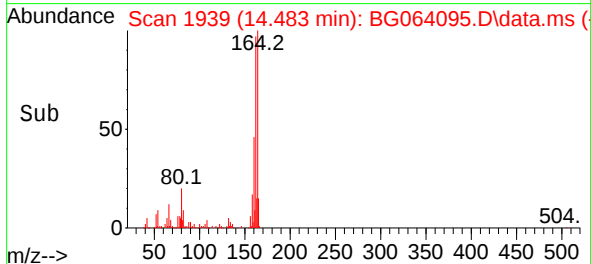
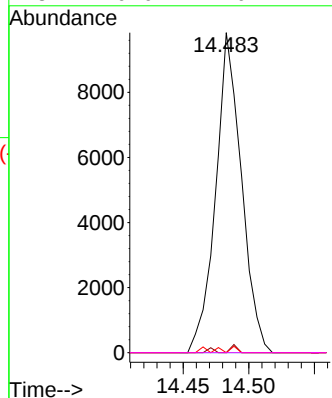
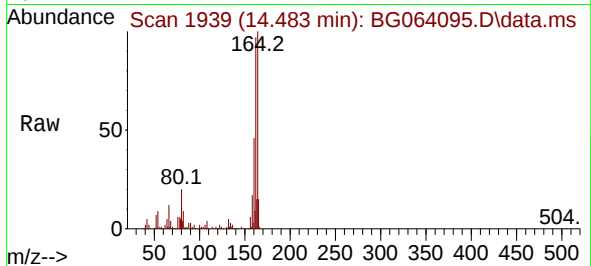




#57
2,4-Dinitrotoluene
Concen: 9.848 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.362 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

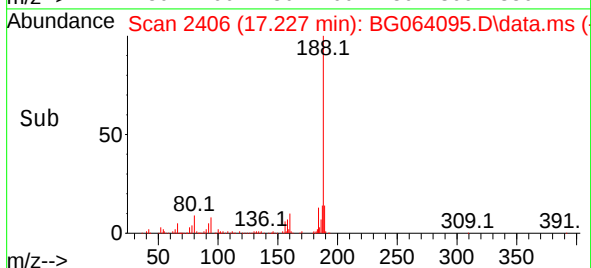
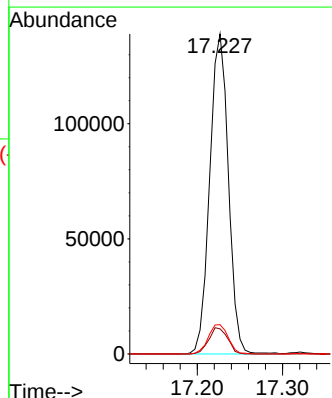
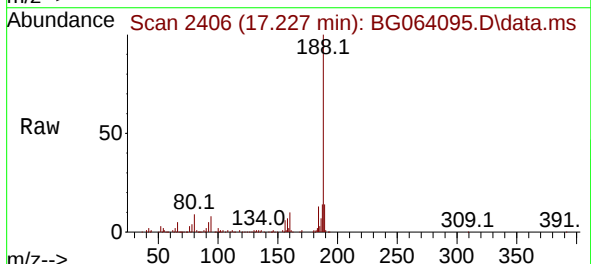
Instrument :
BNA_G
ClientSampleId :
COMP-1

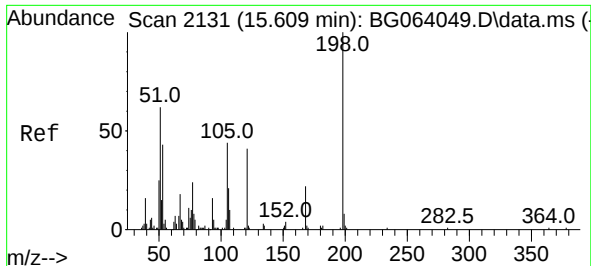
Tgt Ion:165 Resp: 13396
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:188 Resp: 210885
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 8.1 12.1

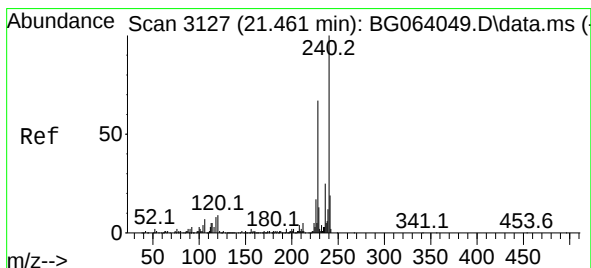
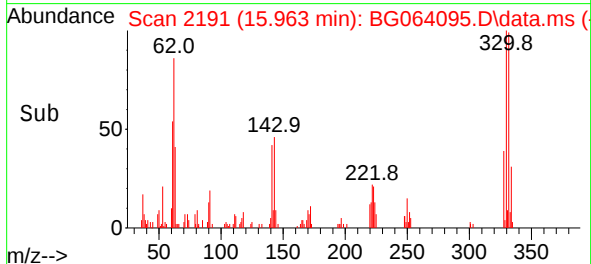
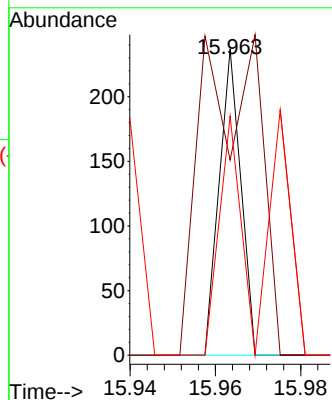
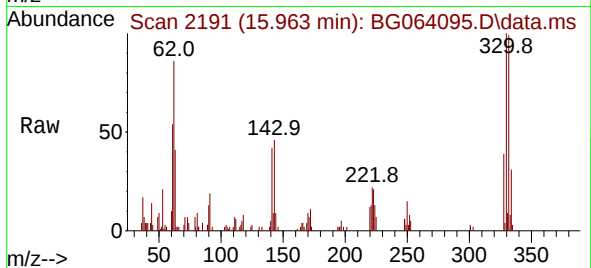




#65
4,6-Dinitro-2-methylphenol
Concen: 8.255 ng
RT: 15.963 min Scan# 2131
Delta R.T. 0.354 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

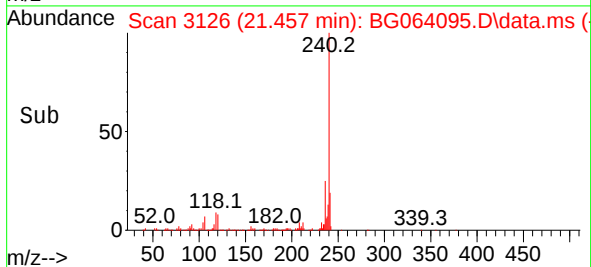
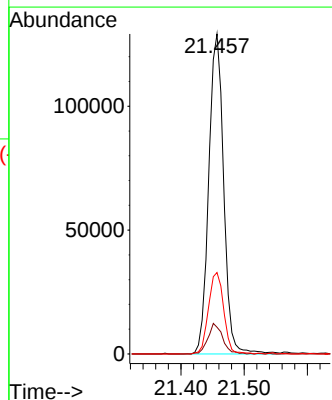
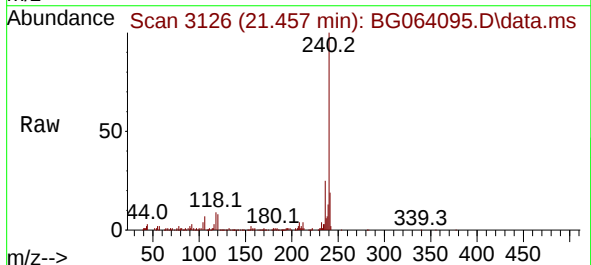
Instrument :
BNA_G
ClientSampleId :
COMP-1

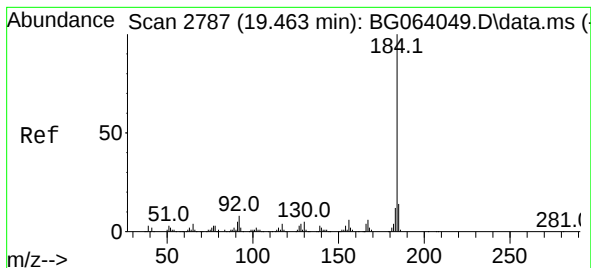
Tgt Ion:198 Resp: 84
Ion Ratio Lower Upper
198 100
51 63.7 45.6 85.6
105 78.1 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:240 Resp: 211485
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 25.4 20.2 30.2





#77

Benzidine

Concen: 3.310 ng

RT: 19.847 min Scan# 2852

Delta R.T. 0.384 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

Instrument :

BNA_G

ClientSampleId :

COMP-1

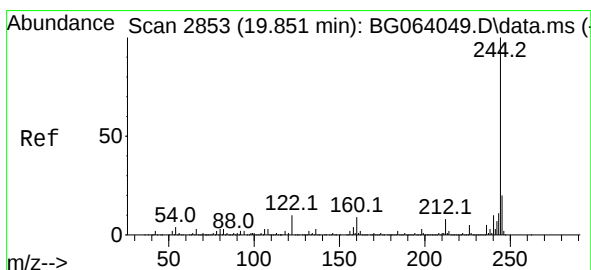
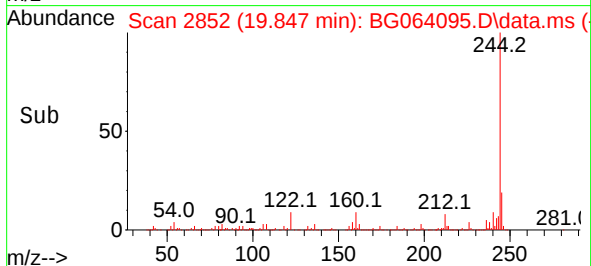
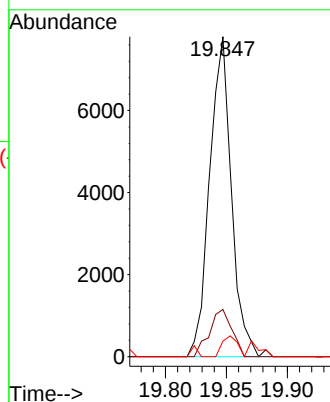
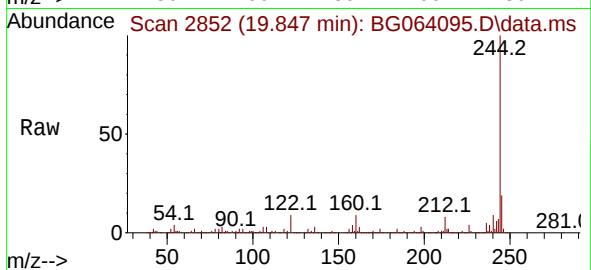
Tgt Ion:184 Resp: 9693

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

183 4.9 9.5 14.3#



#79

Terphenyl-d14

Concen: 49.261 ng

RT: 19.847 min Scan# 2852

Delta R.T. -0.004 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

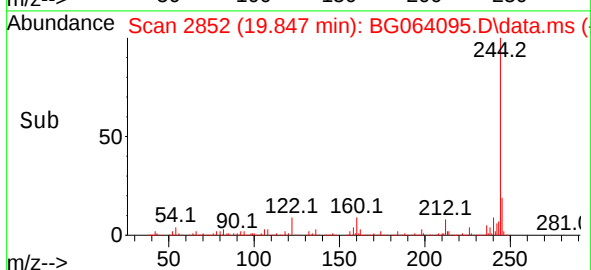
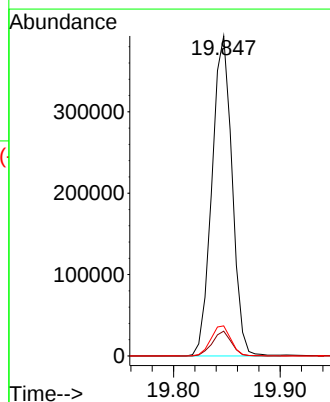
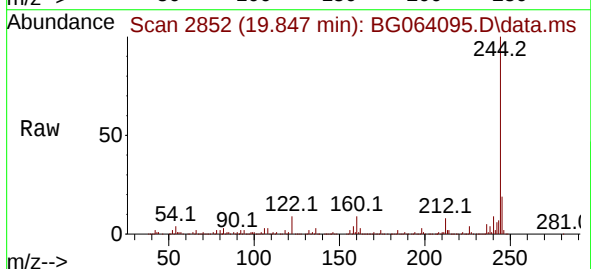
Tgt Ion:244 Resp: 515236

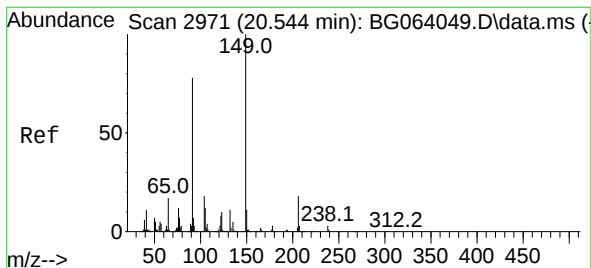
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 9.4 8.0 12.0

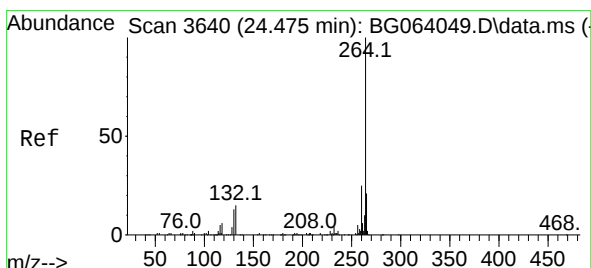
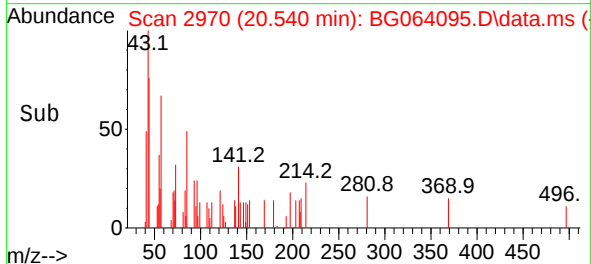
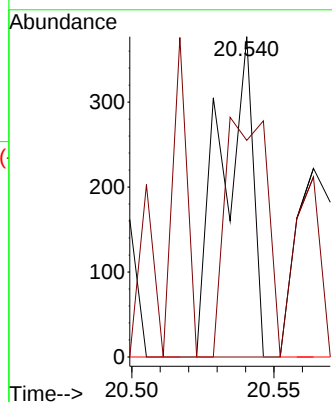
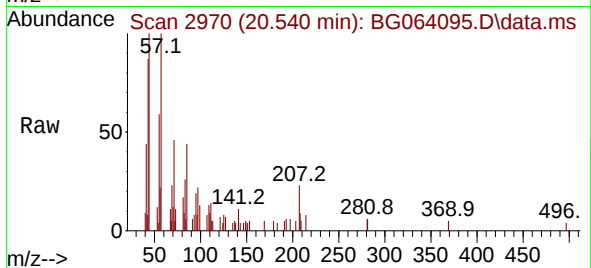




#80
Butylbenzylphthalate
Concen: 3.691 ng
RT: 20.540 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 297
Ion Ratio Lower Upper
149 100
91 67.6 62.0 93.0
206 0.0 14.6 21.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:264 Resp: 230150
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 20.6 16.6 25.0

