

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064187.D
 Acq On : 4 Apr 2025 4:46
 Operator : RC/JU
 Sample : Q1693-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 05:30:27 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)

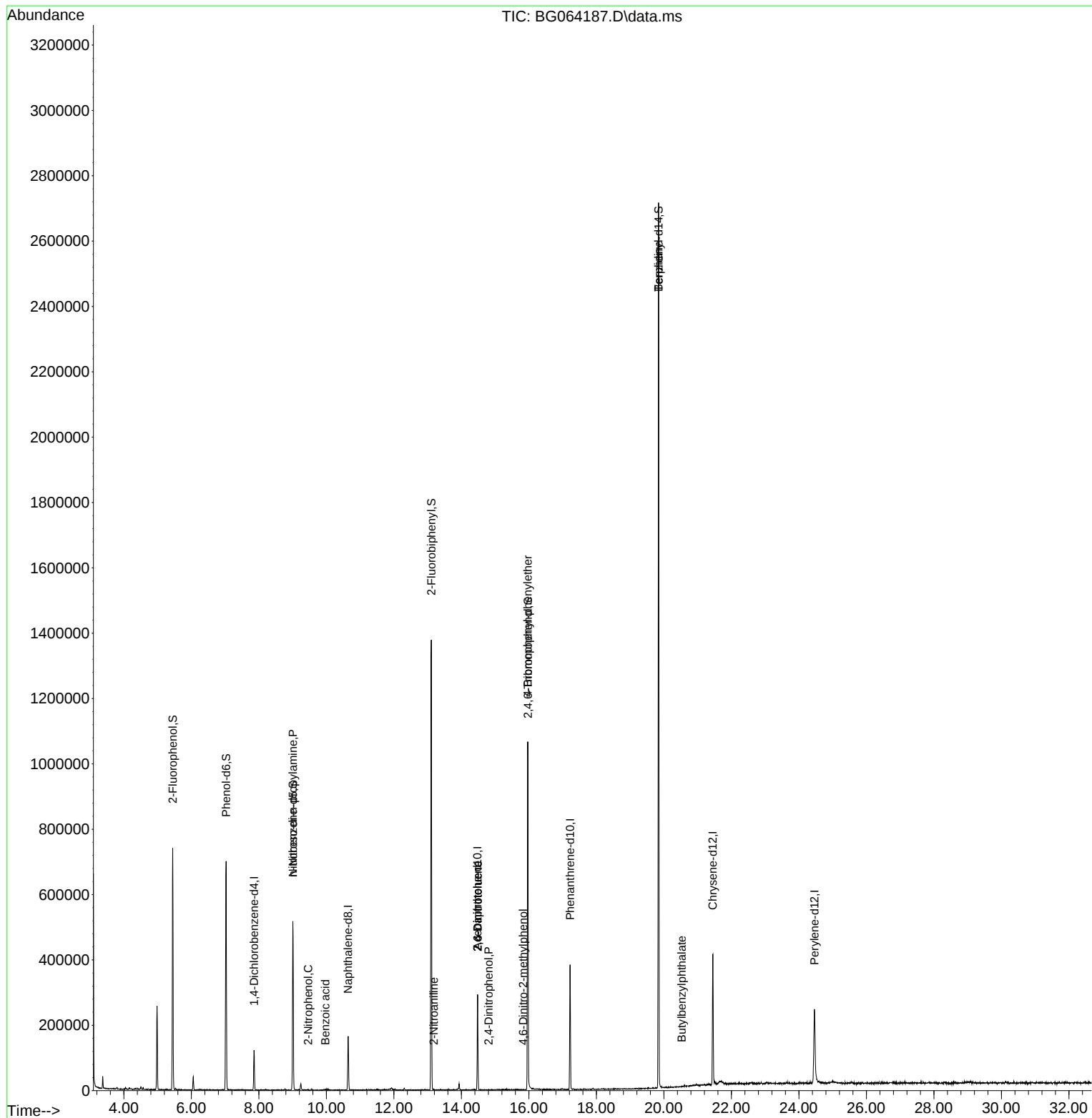
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	28675	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	127637	20.000	ng	#-0.01
39) Acenaphthene-d10	14.478	164	99137	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	225272	20.000	ng	0.00
76) Chrysene-d12	21.446	240	234985	20.000	ng	-0.01
86) Perylene-d12	24.460	264	238725	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	264107	143.815	ng	0.00
7) Phenol-d6	7.028	99	327085	130.924	ng	0.00
23) Nitrobenzene-d5	9.008	82	270151	116.965	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	179762	163.127	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	658743	100.860	ng	0.00
79) Terphenyl-d14	19.842	244	1238737	106.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.008	70	38377	21.889	ng	# 72
26) 2-Nitrophenol	9.460	139	54	3.355	ng	# 26
32) Benzoic acid	9.971	122	313	8.891	ng	# 49
48) 2-Nitroaniline	13.185	65	67	3.253	ng	# 11
51) 2,6-Dinitrotoluene	14.484	165	13390	11.745	ng	# 16
54) 2,4-Dinitrophenol	14.807	184	87	8.008	ng	# 15
57) 2,4-Dinitrotoluene	14.484	165	13390	9.686	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.829	198	64	8.233	ng	# 23
67) 4-Bromophenyl-phenylether	15.964	248	12524	5.428	ng	# 1
77) Benzidine	19.842	184	25470	7.828	ng	# 95
80) Butylbenzylphthalate	20.530	149	244	3.677	ng	# 1

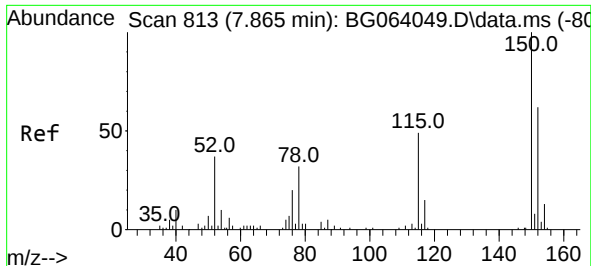
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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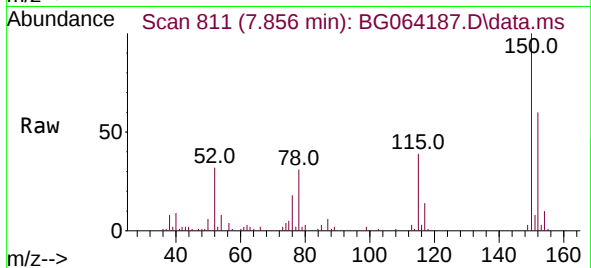
Quant Time: Apr 04 05:30:27 2025
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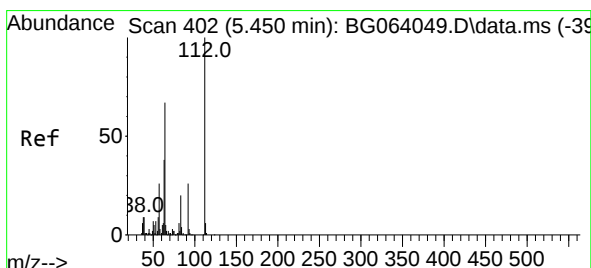
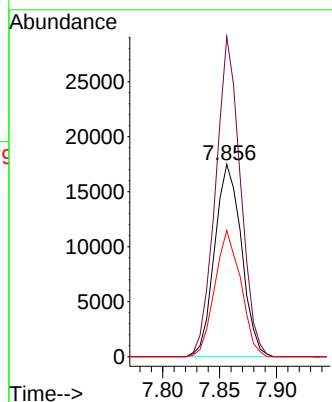
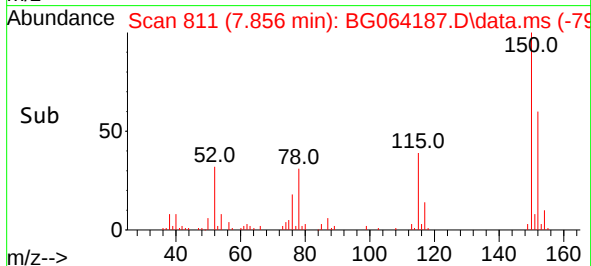


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 813
Delta R.T. -0.009 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

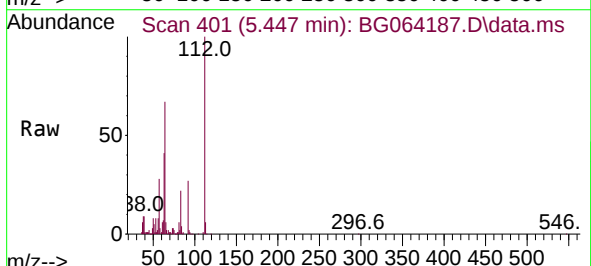
Instrument :
BNA_G
ClientSampleId :



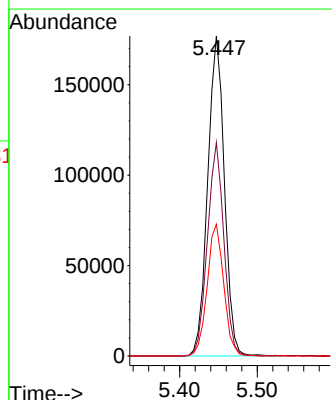
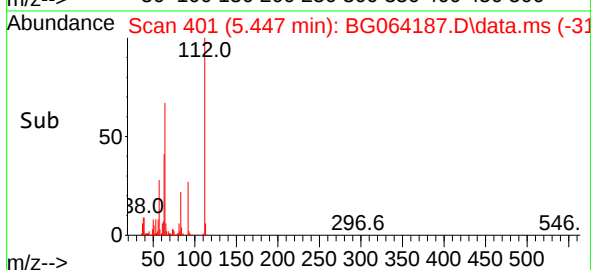
Tgt Ion:152 Resp: 28675
Ion Ratio Lower Upper
152 100
150 166.5 129.2 193.8
115 65.7 63.0 94.6

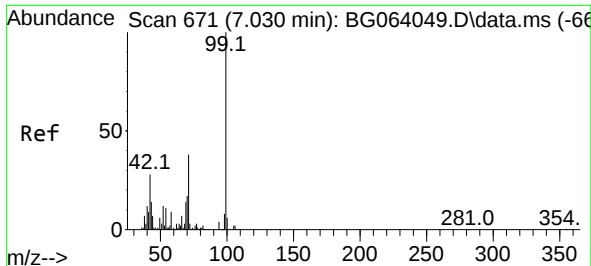


#5
2-Fluorophenol
Concen: 143.815 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46



Tgt Ion:112 Resp: 264107
Ion Ratio Lower Upper
112 100
64 66.7 53.7 80.5
63 41.2 30.2 45.4

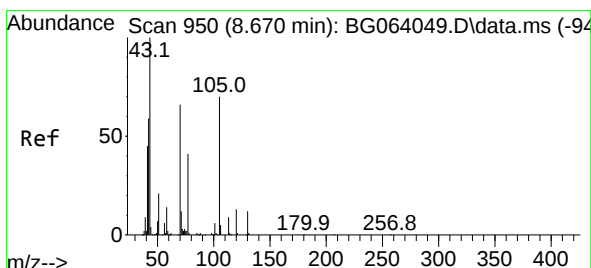
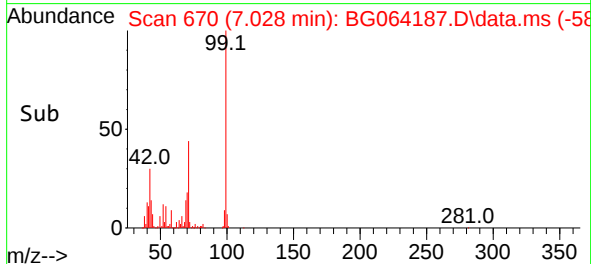
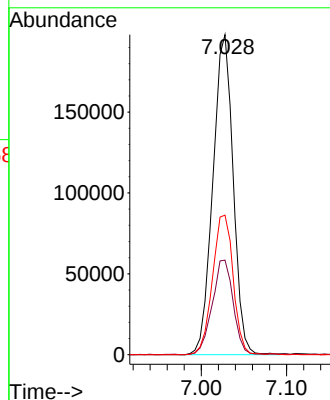
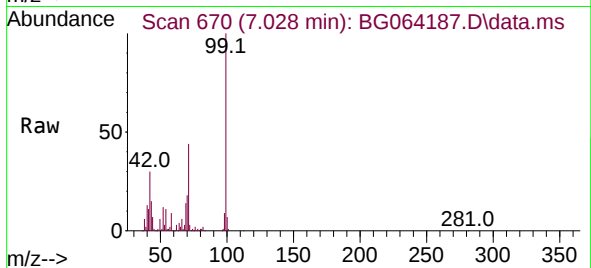




#7
Phenol-d6
Concen: 130.924 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

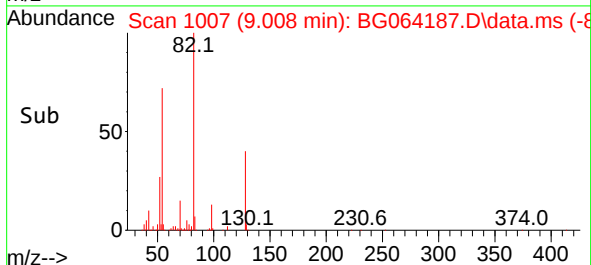
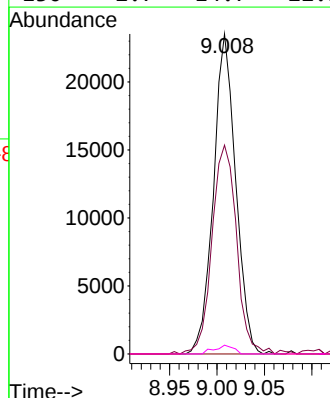
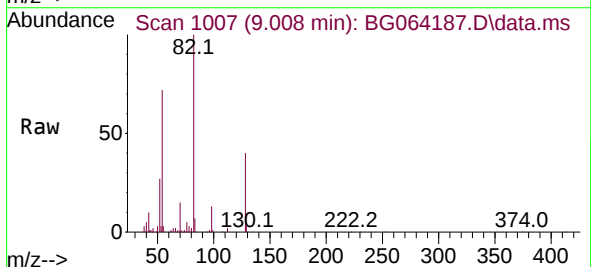
Instrument :
BNA_G
ClientSampleId :

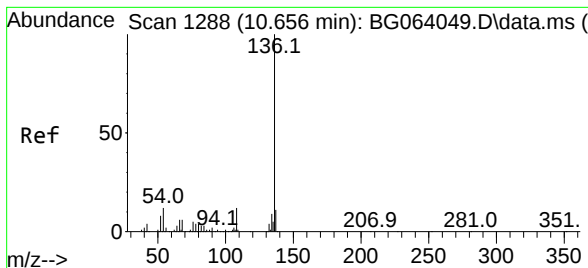
Tgt Ion: 99 Resp: 327085
Ion Ratio Lower Upper
99 100
42 29.6 22.7 34.1
71 43.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.889 ng
RT: 9.008 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion: 70 Resp: 38377
Ion Ratio Lower Upper
70 100
42 65.2 72.1 108.1#
101 0.0 7.2 10.8#
130 2.7 14.7 22.1#

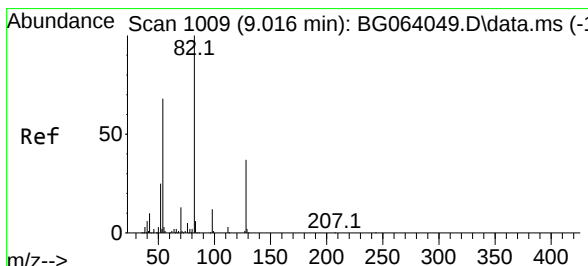
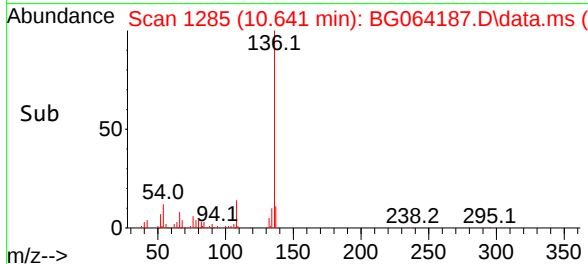
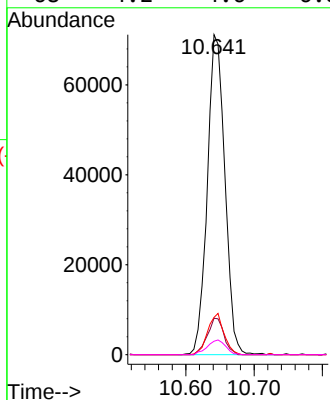
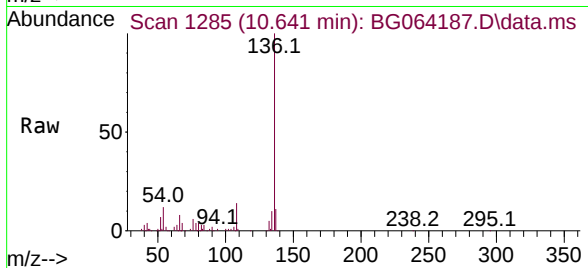




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

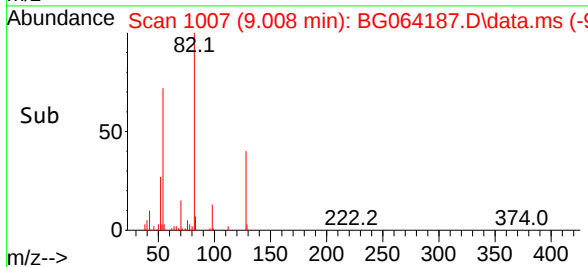
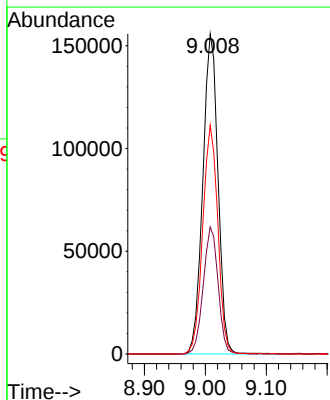
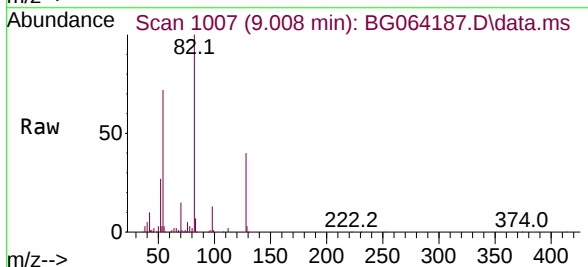
Instrument :
BNA_G
ClientSampleId :

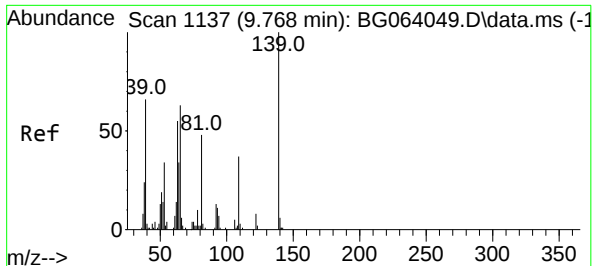
Tgt Ion:136 Resp: 127637
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.7 9.9 14.9
68 4.2 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 116.965 ng
RT: 9.008 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion: 82 Resp: 270151
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 71.5 54.7 82.1

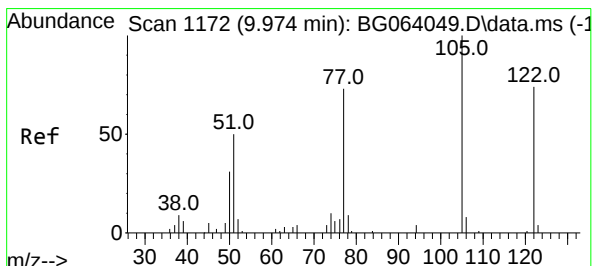
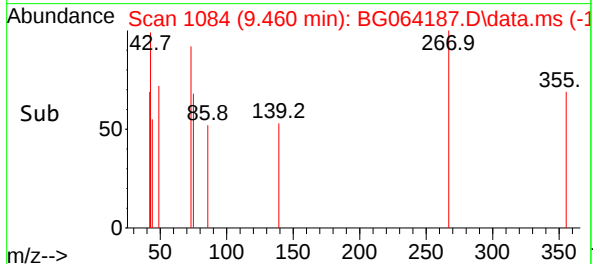
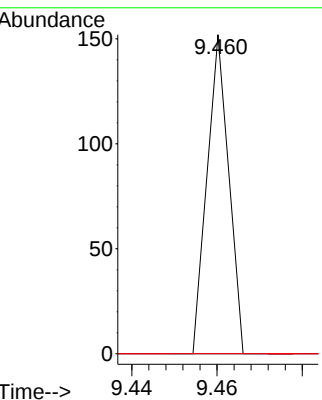
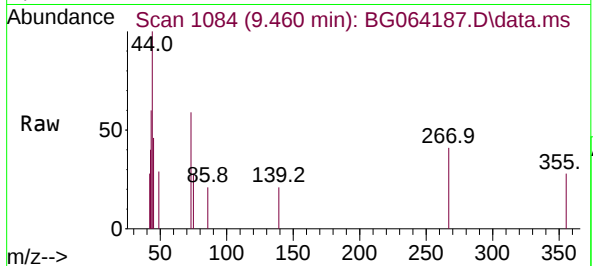




#26
2-Nitrophenol
Concen: 3.355 ng
RT: 9.460 min Scan# 1084
Delta R.T. -0.308 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

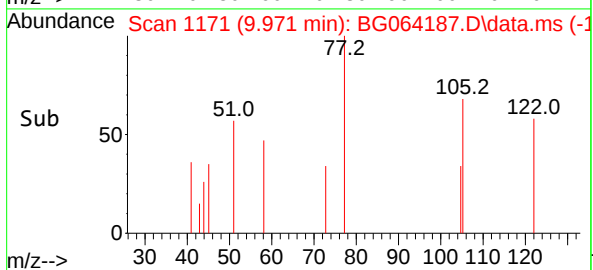
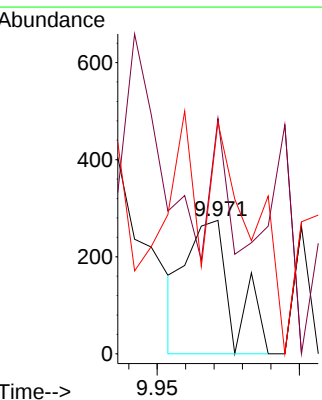
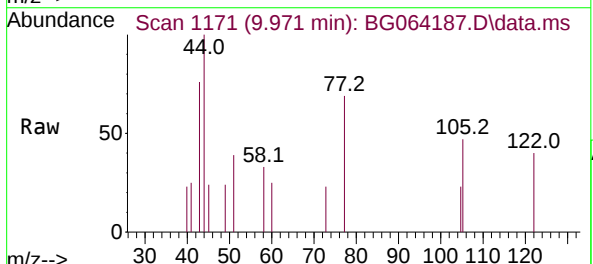
Instrument :
BNA_G
ClientSampleId :

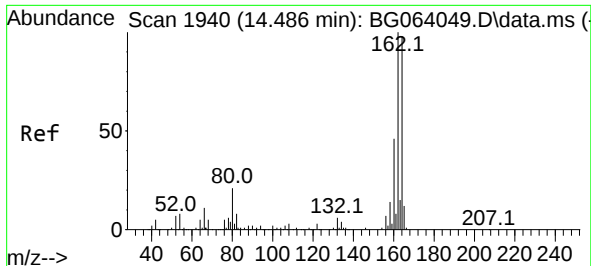
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.891 ng
RT: 9.971 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion:122 Resp: 313
Ion Ratio Lower Upper
122 100
105 176.4 115.0 155.0#
77 173.5 80.9 120.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.478 min Scan# 1938

Delta R.T. -0.008 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

Instrument :

BNA_G

ClientSampleId :

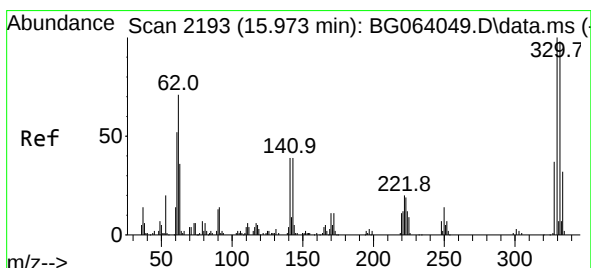
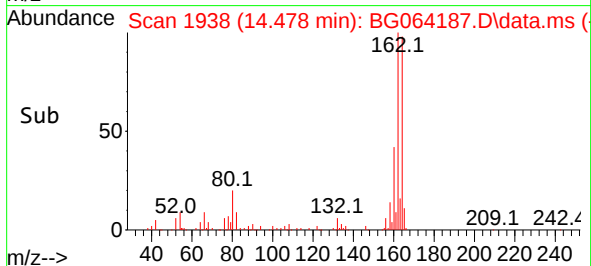
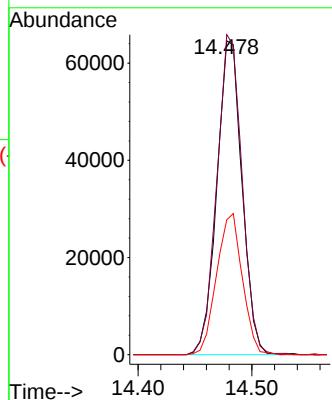
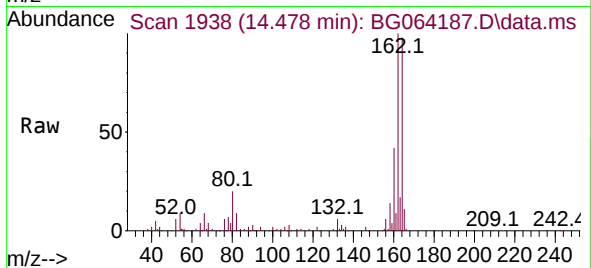
Tgt Ion:164 Resp: 99137

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

160 43.0 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 163.127 ng

RT: 15.970 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

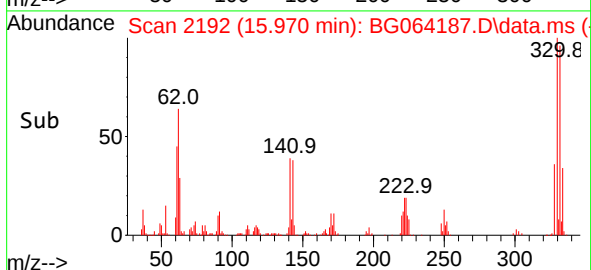
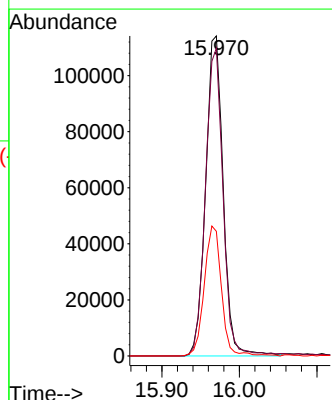
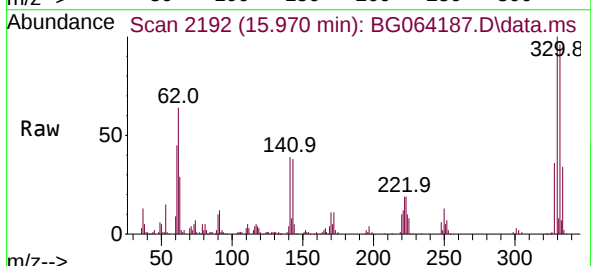
Tgt Ion:330 Resp: 179762

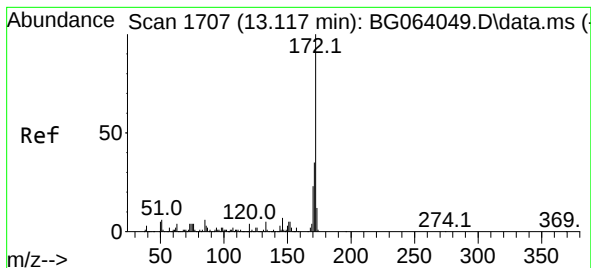
Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 39.9 29.7 44.5

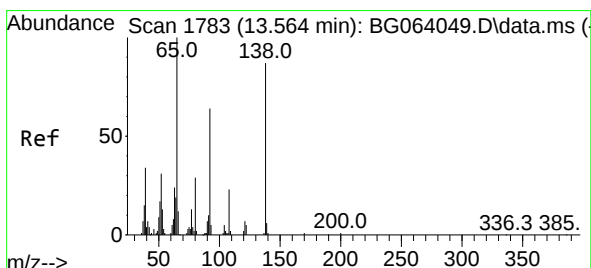
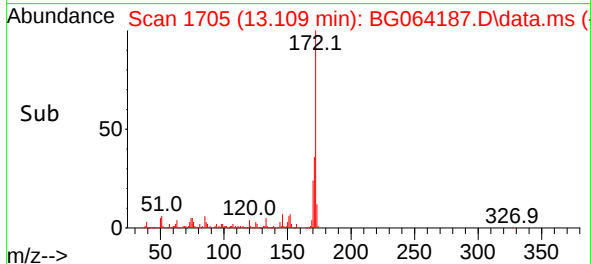
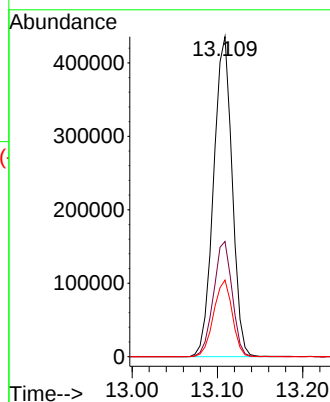
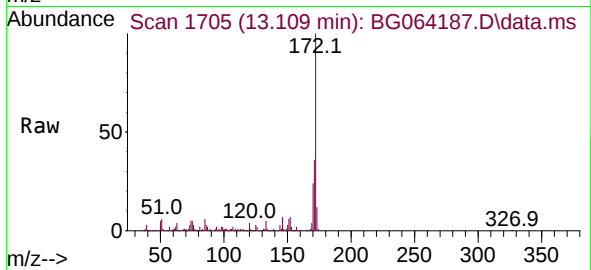




#45
2-Fluorobiphenyl
Concen: 100.860 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

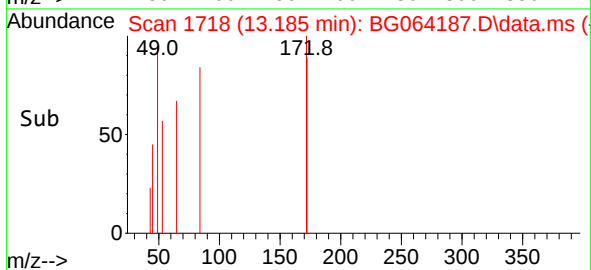
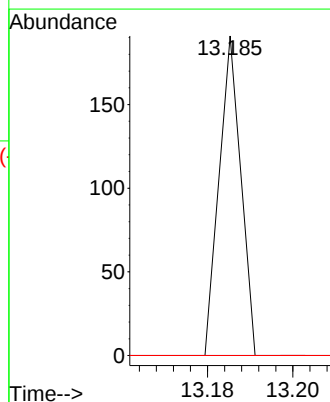
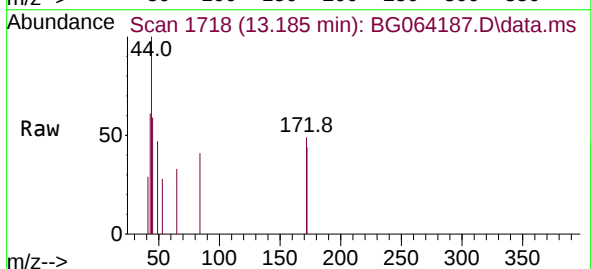
Instrument :
BNA_G
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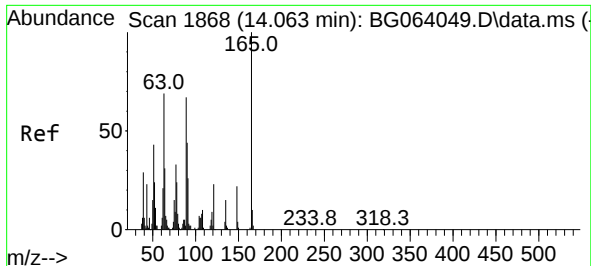
Tgt Ion:172 Resp: 658743
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.253 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.379 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

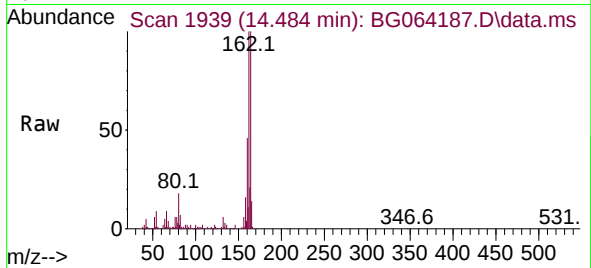
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



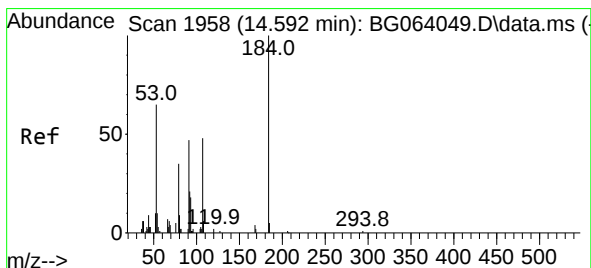
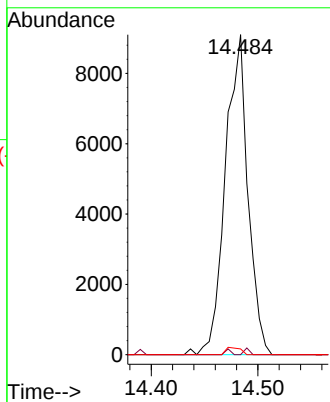
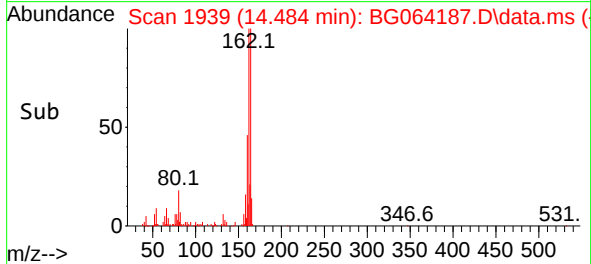


#51
2,6-Dinitrotoluene
Concen: 11.745 ng
RT: 14.484 min Scan# 1939
Delta R.T. 0.421 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

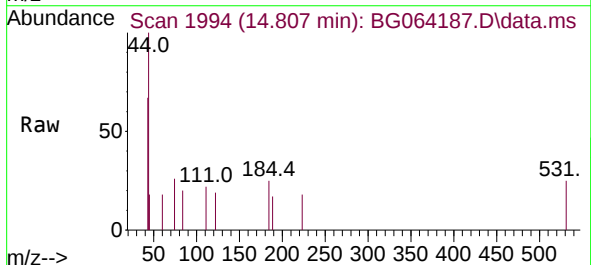
Instrument :
BNA_G
ClientSampleId :



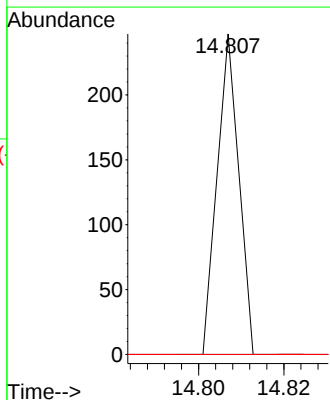
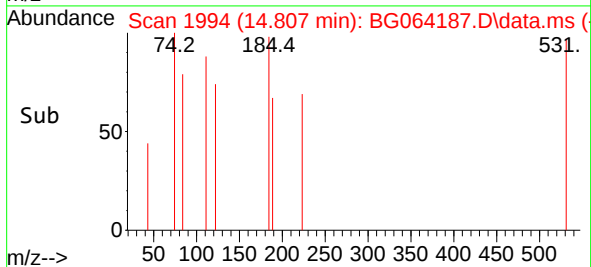
Tgt Ion:165 Resp: 13390
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.8 53.7 80.5#

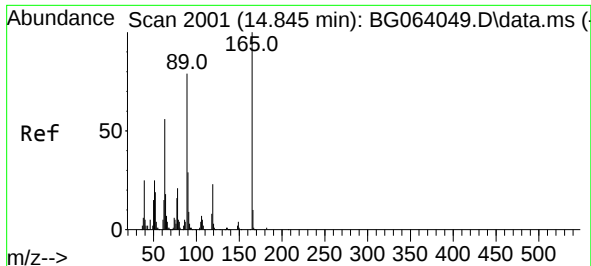


#54
2,4-Dinitrophenol
Concen: 8.008 ng
RT: 14.807 min Scan# 1994
Delta R.T. 0.215 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46



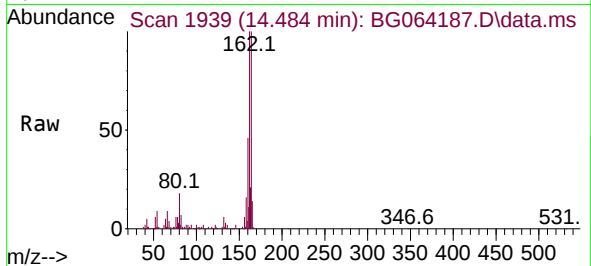
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



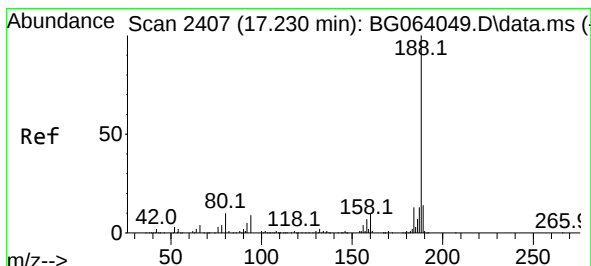
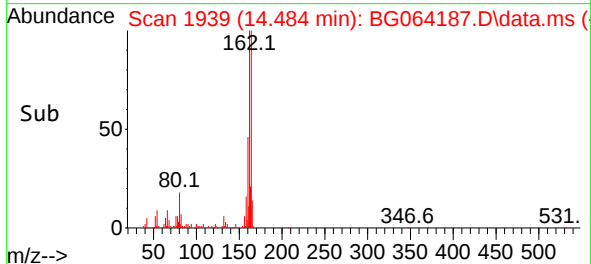
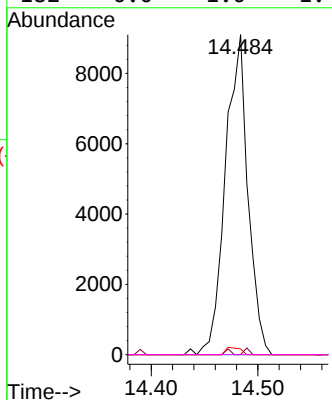


#57
2,4-Dinitrotoluene
Concen: 9.686 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.361 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Instrument :
BNA_G
ClientSampleId :

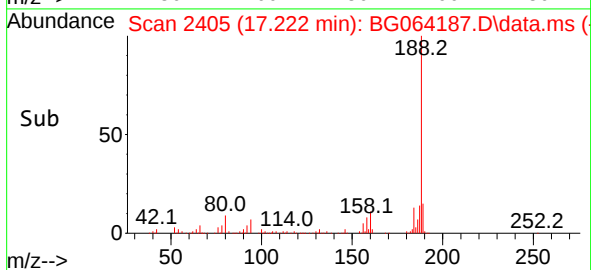
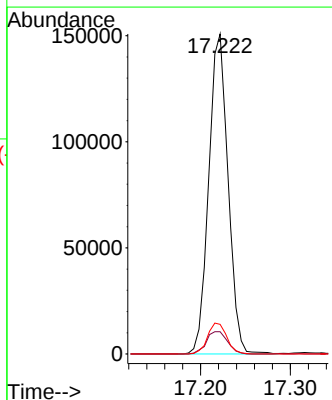
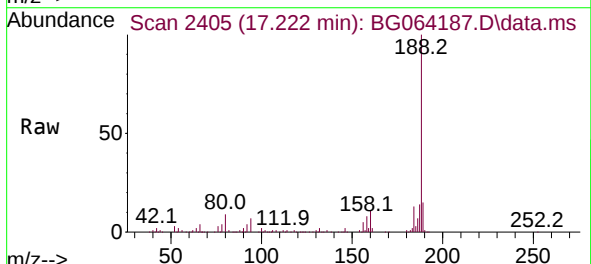


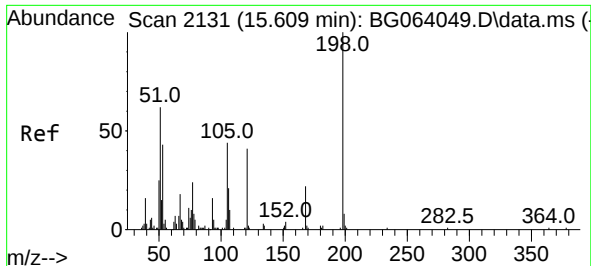
Tgt Ion:165 Resp: 13390
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 1.8 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

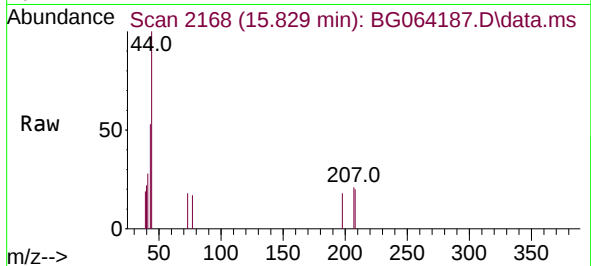
Tgt Ion:188 Resp: 225272
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.3 8.1 12.1



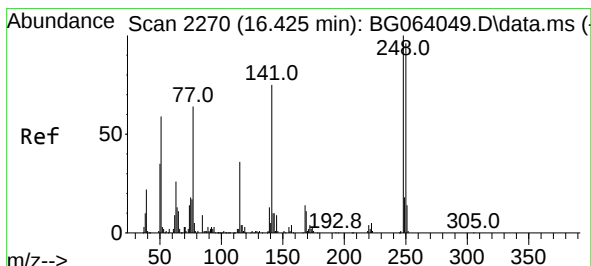
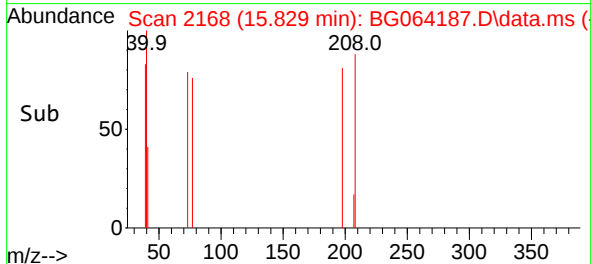
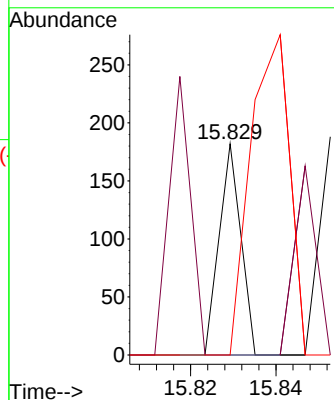


#65
4,6-Dinitro-2-methylphenol
Concen: 8.233 ng
RT: 15.829 min Scan# 2118
Delta R.T. 0.220 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Instrument :
BNA_G
ClientSampleId :

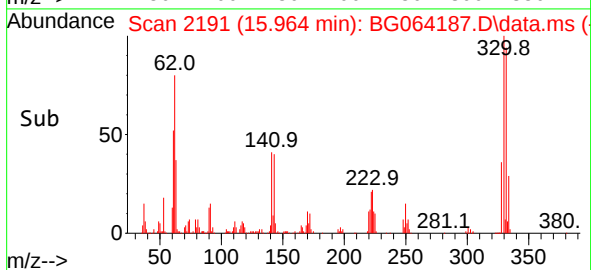
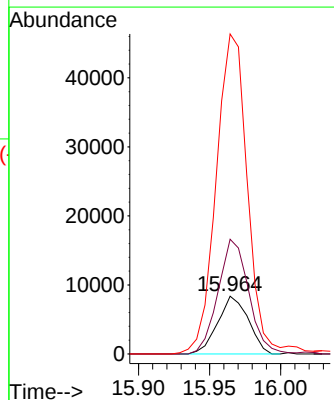
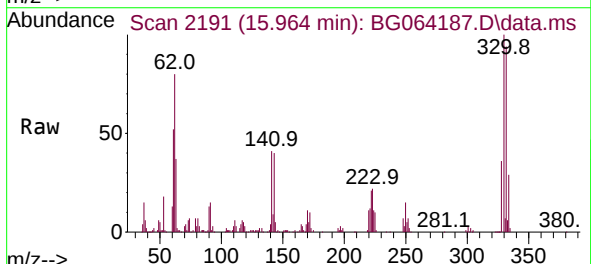


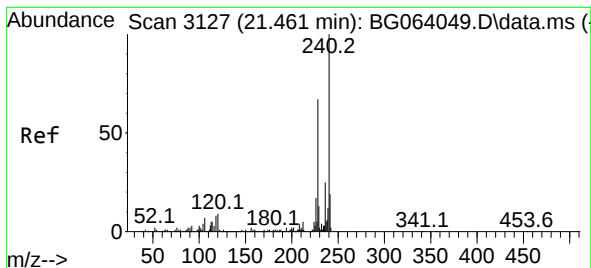
Tgt Ion:198 Resp: 64
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.428 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.461 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion:248 Resp: 12524
Ion Ratio Lower Upper
248 100
250 198.5 77.1 115.7#
141 553.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.446 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

Instrument :

BNA_G

ClientSampleId :

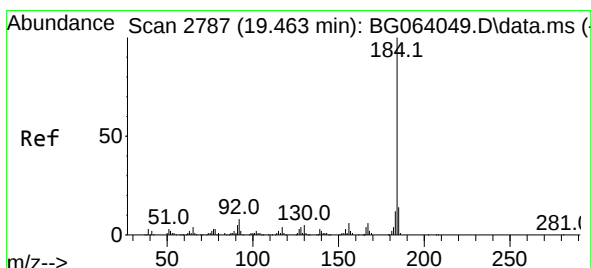
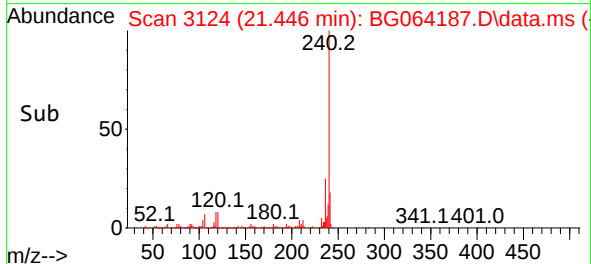
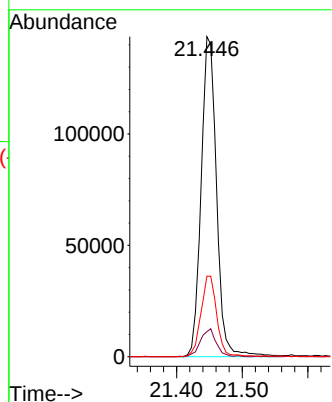
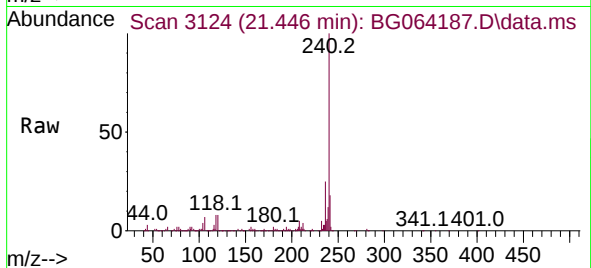
Tgt Ion:240 Resp: 234985

Ion Ratio Lower Upper

240 100

120 7.8 7.2 10.8

236 25.2 20.2 30.2



#77

Benzidine

Concen: 7.828 ng

RT: 19.842 min Scan# 2851

Delta R.T. 0.379 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

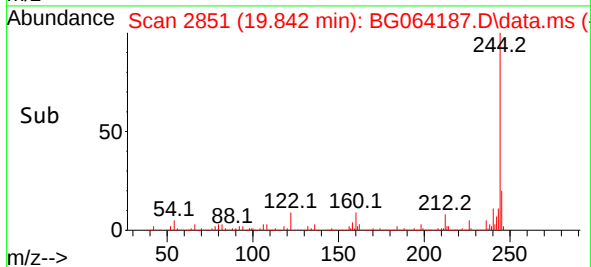
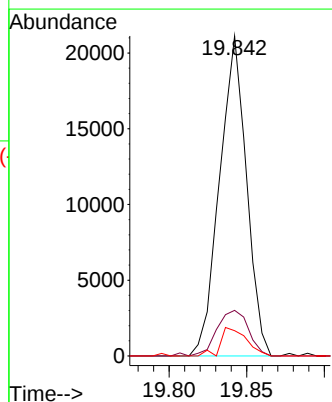
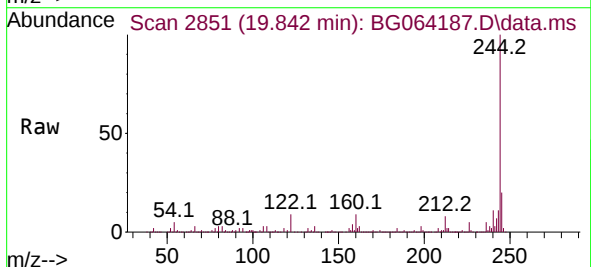
Tgt Ion:184 Resp: 25470

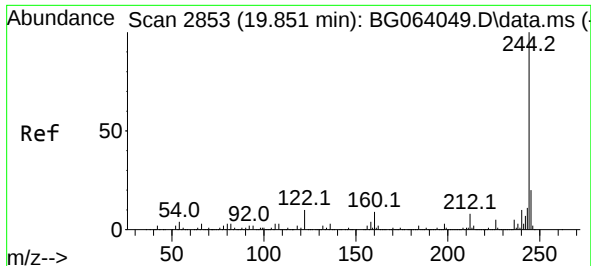
Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

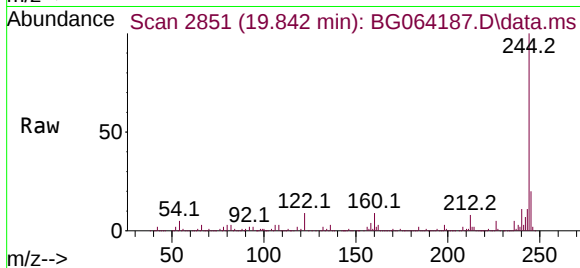
183 7.9 9.5 14.3#



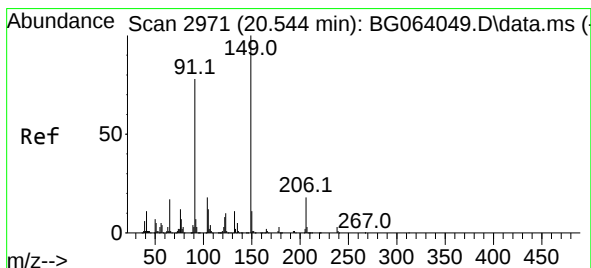
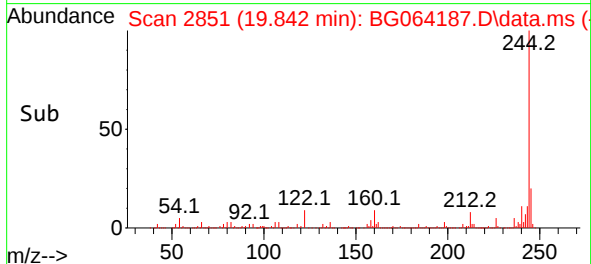
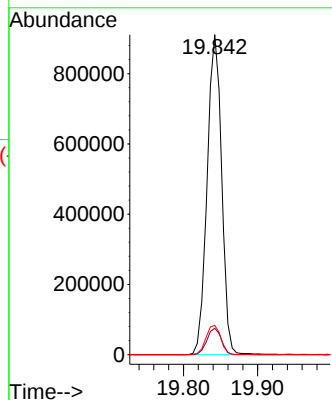


#79
 Terphenyl-d14
 Concen: 106.591 ng
 RT: 19.842 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG064187.D
 Acq: 4 Apr 2025 4:46

Instrument :
 BNA_G
 ClientSampleId :

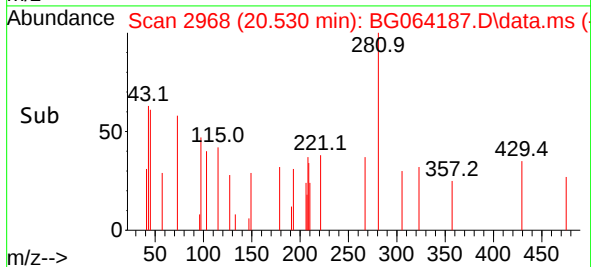
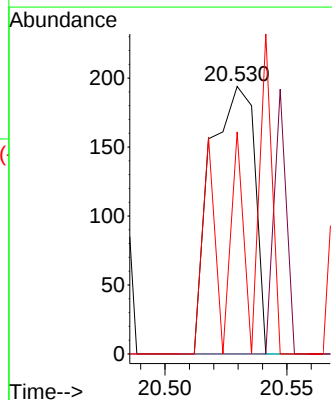
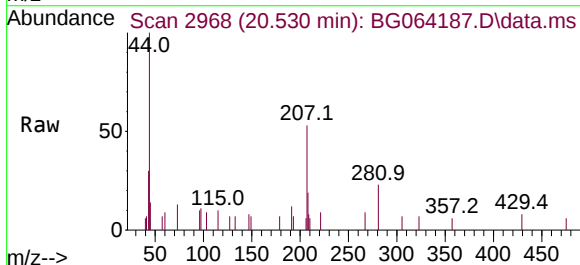


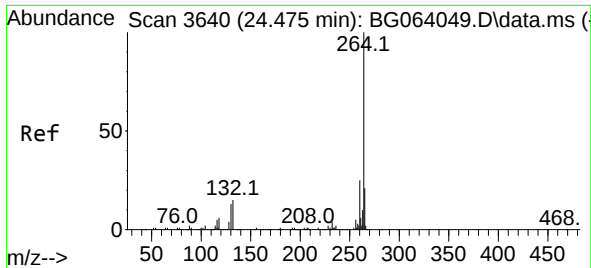
Tgt Ion:244 Resp: 1238737
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.677 ng
 RT: 20.530 min Scan# 2968
 Delta R.T. -0.014 min
 Lab File: BG064187.D
 Acq: 4 Apr 2025 4:46

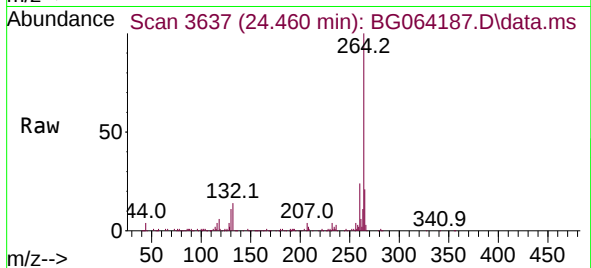
Tgt Ion:149 Resp: 244
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 83.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.460 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG064187.D
 Acq: 4 Apr 2025 4:46

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 238725
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.7 16.6 25.0

