

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064140.D
 Acq On : 1 Apr 2025 18:25
 Operator : RC/JU
 Sample : Q1664-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-004-01

Quant Time: Apr 02 01:35:37 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)

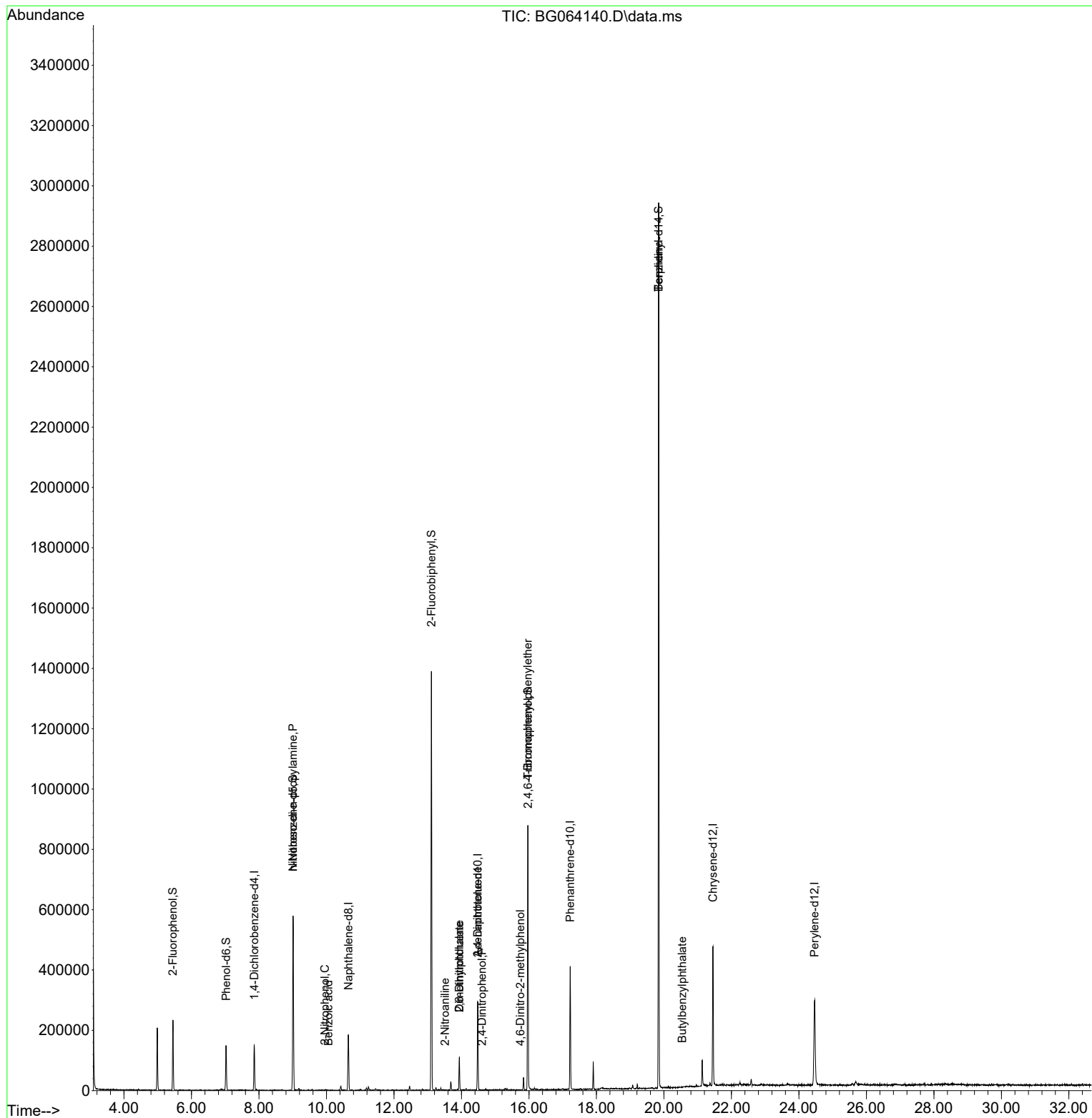
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	35625	20.000	ng	0.00
21) Naphthalene-d8	10.648	136	147982	20.000	ng	0.00
39) Acenaphthene-d10	14.479	164	101170	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	235772	20.000	ng	0.00
76) Chrysene-d12	21.453	240	265131	20.000	ng	0.00
86) Perylene-d12	24.462	264	282446	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	86205	37.784	ng	0.00
7) Phenol-d6	7.023	99	70718	22.784	ng	0.00
23) Nitrobenzene-d5	9.009	82	298509	111.474	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	142077	126.338	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	663507	99.548	ng	0.00
79) Terphenyl-d14	19.843	244	1277163	97.402	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.009	70	39483	18.126	ng	# 86
26) 2-Nitrophenol	9.949	139	56	3.347	ng	# 26
32) Benzoic acid	10.055	122	63	8.724	ng	# 1
48) 2-Nitroaniline	13.516	65	61	3.249	ng	# 11
50) Dimethylphthalate	13.939	163	62980	8.433	ng	# 99
51) 2,6-Dinitrotoluene	13.939	165	819	3.860	ng	# 7
54) 2,4-Dinitrophenol	14.608	184	73	7.986	ng	# 15
57) 2,4-Dinitrotoluene	14.479	165	14198	9.921	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.742	198	57	8.225	ng	# 23
67) 4-Bromophenyl-phenylether	15.966	248	10204	4.226	ng	# 1
77) Benzidine	19.843	184	25002	6.810	ng	# 83
80) Butylbenzylphthalate	20.543	149	68	3.647	ng	# 60

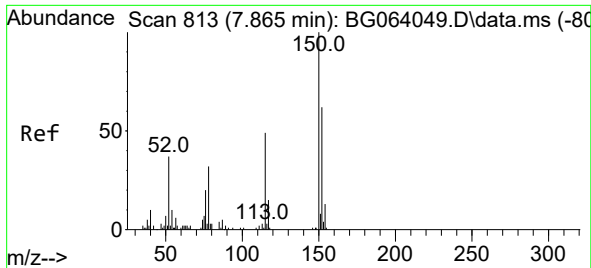
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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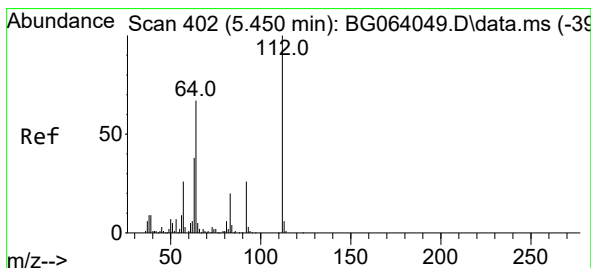
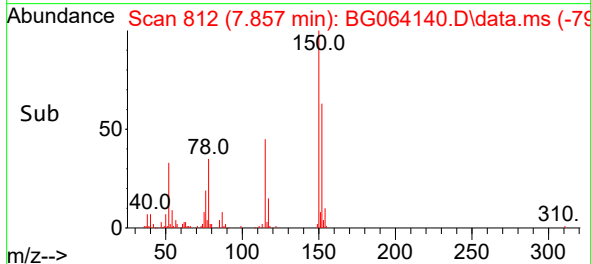
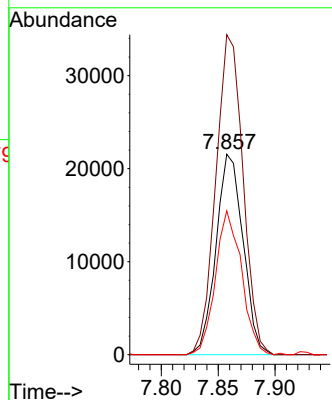
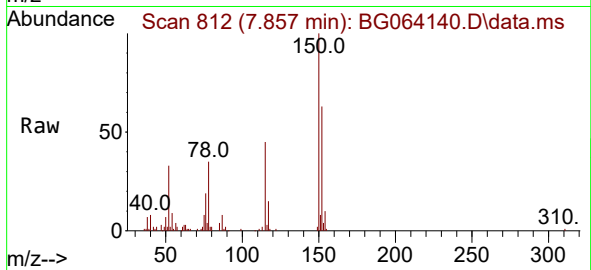




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.008 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

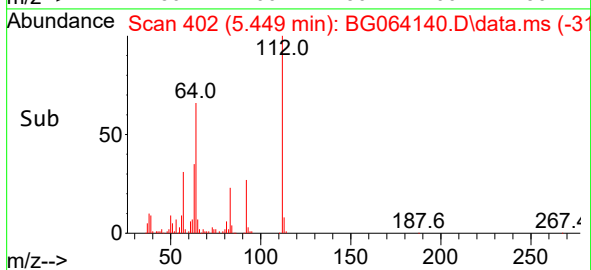
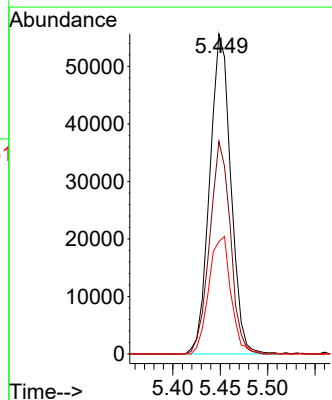
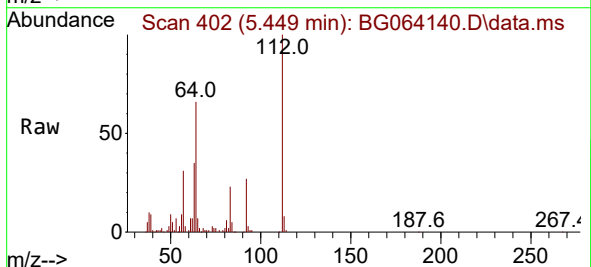
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

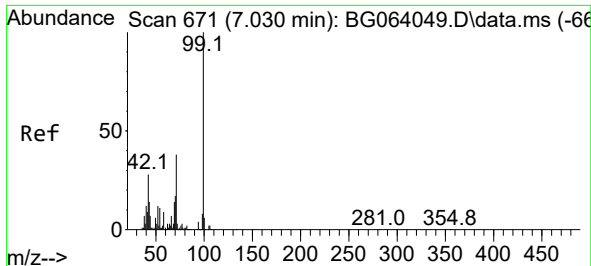
Tgt Ion:152 Resp: 35625
Ion Ratio Lower Upper
152 100
150 159.6 129.2 193.8
115 71.7 63.0 94.6



#5
2-Fluorophenol
Concen: 37.784 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:112 Resp: 86205
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 35.1 30.2 45.4

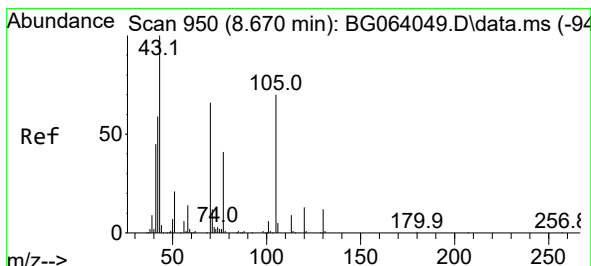
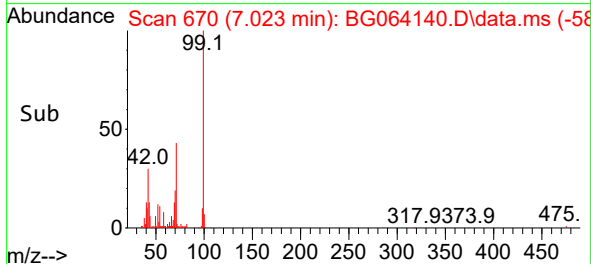
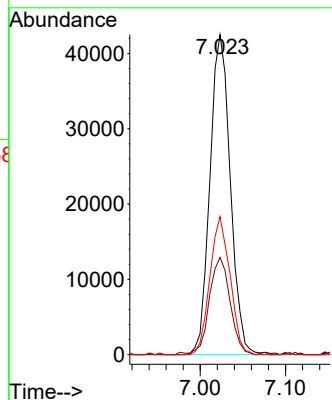
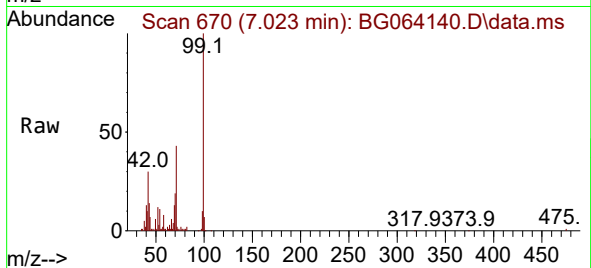




#7
Phenol-d6
Concen: 22.784 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

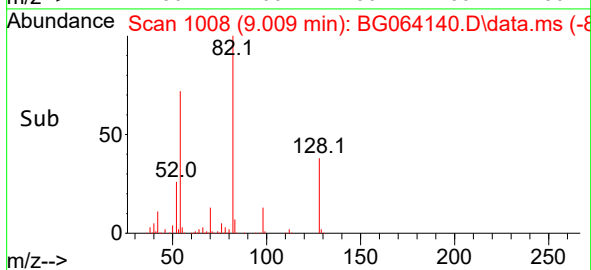
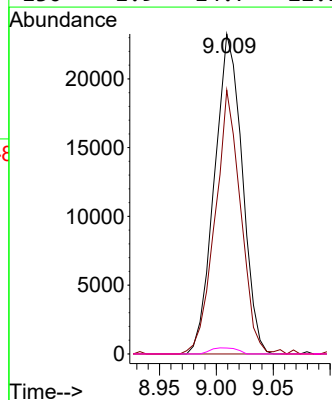
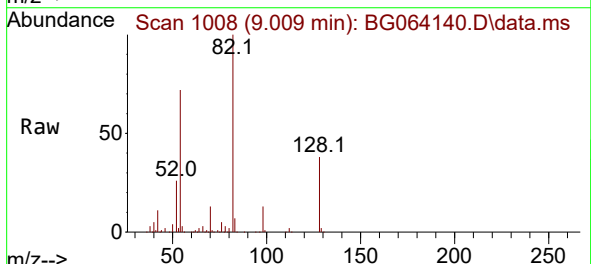
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

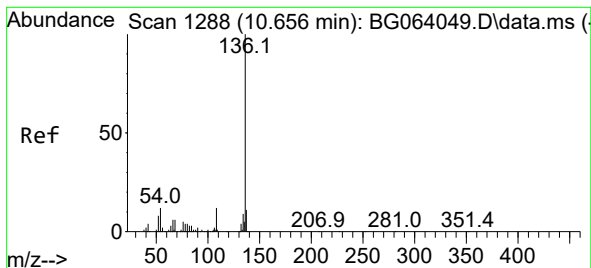
Tgt Ion: 99 Resp: 70718
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 43.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.126 ng
RT: 9.009 min Scan# 1008
Delta R.T. 0.339 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion: 70 Resp: 39483
Ion Ratio Lower Upper
70 100
42 82.5 72.1 108.1
101 0.0 7.2 10.8#
130 1.9 14.7 22.1#

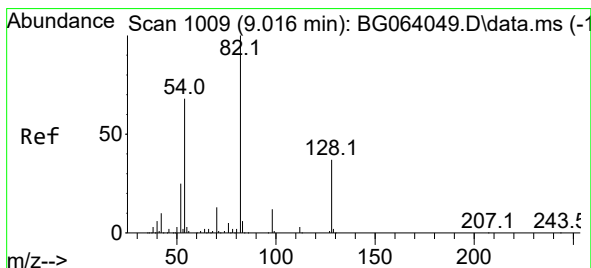
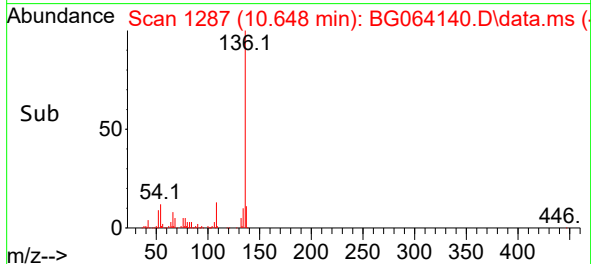
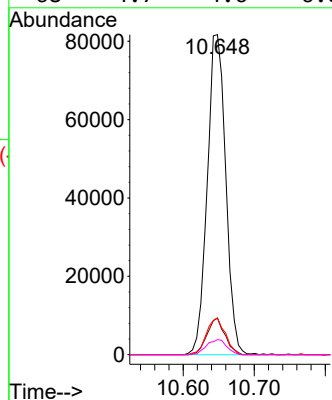
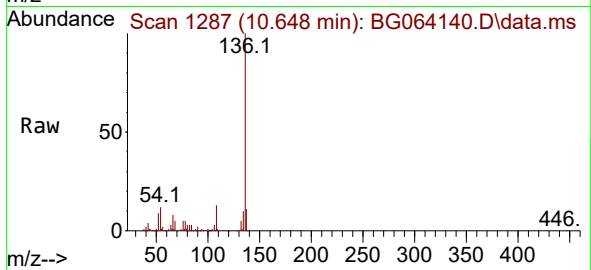




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.648 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

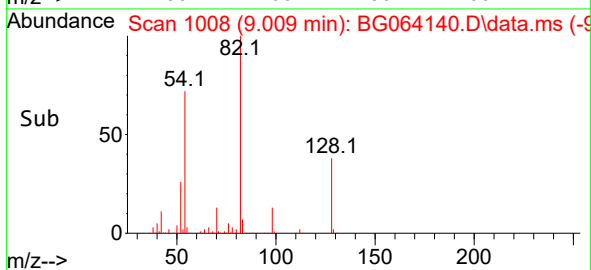
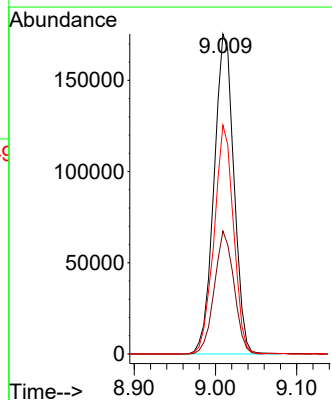
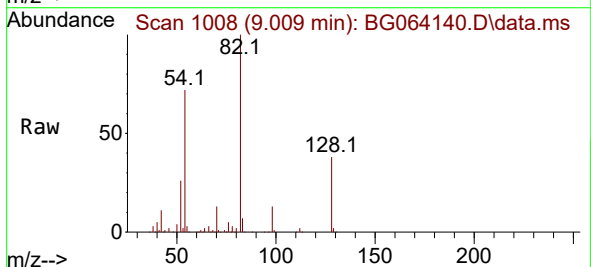
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

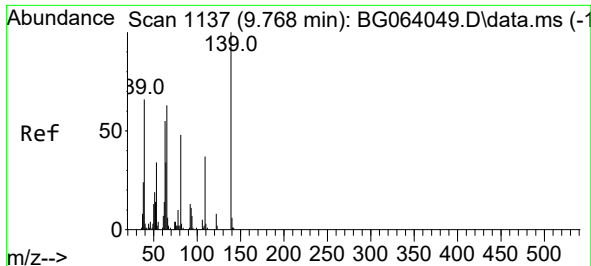
Tgt Ion:136	Resp: 147982
Ion Ratio	Lower Upper
136 100	
137 11.4	8.5 12.7
54 11.5	9.9 14.9
68 4.7	4.6 6.8



#23
Nitrobenzene-d5
Concen: 111.474 ng
RT: 9.009 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion: 82	Resp: 298509
Ion Ratio	Lower Upper
82 100	
128 38.4	30.0 45.0
54 71.5	54.7 82.1

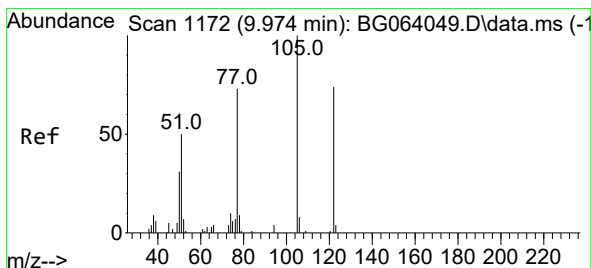
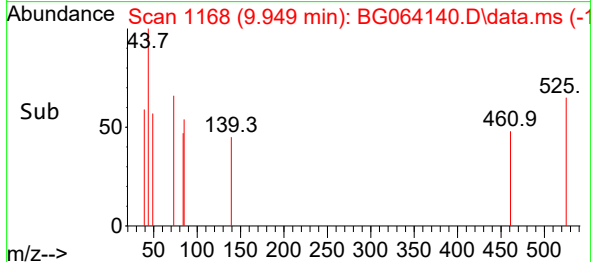
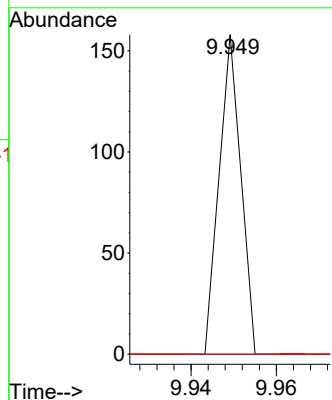
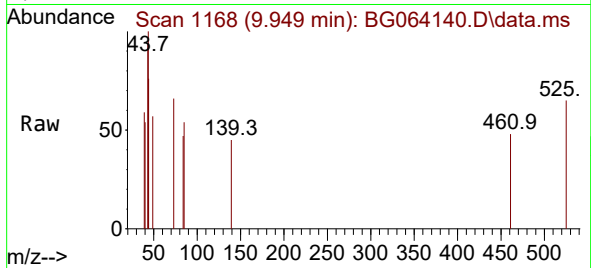




#26
2-Nitrophenol
Concen: 3.347 ng
RT: 9.949 min Scan# 1118
Delta R.T. 0.181 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

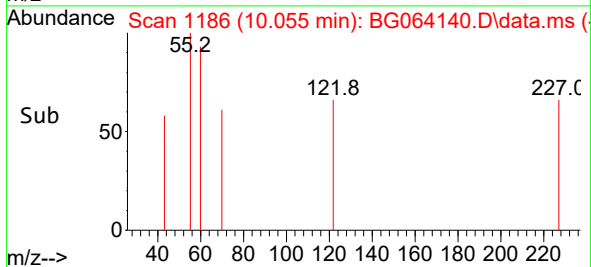
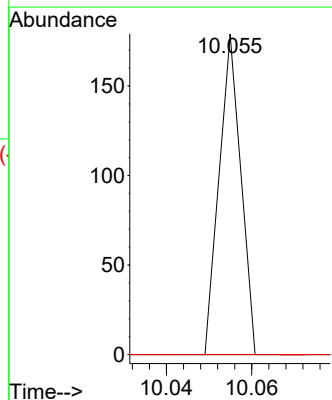
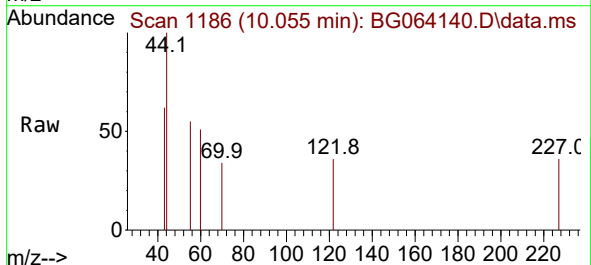
Instrument :
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ClientSampleId :
P001-BBDGA-004-01

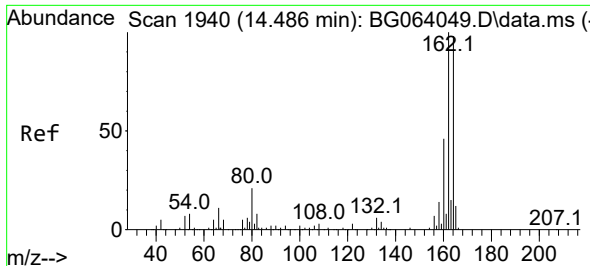
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.724 ng
RT: 10.055 min Scan# 1186
Delta R.T. 0.081 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#

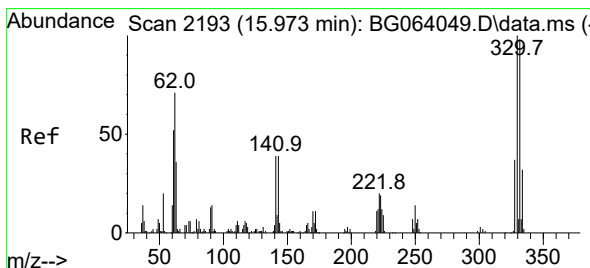
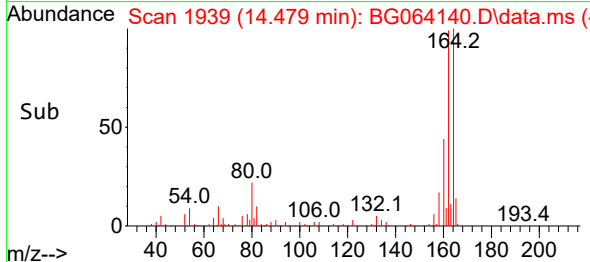
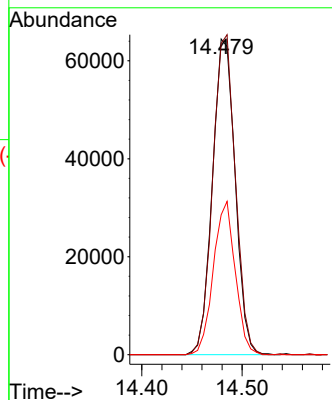
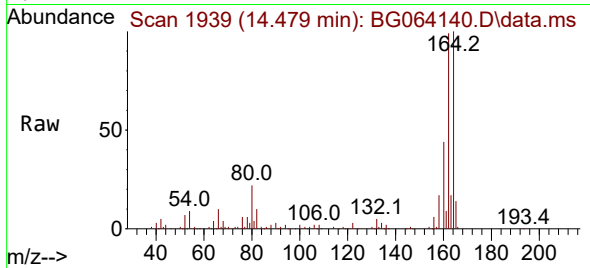




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.479 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

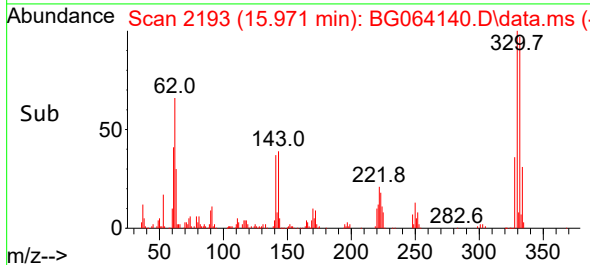
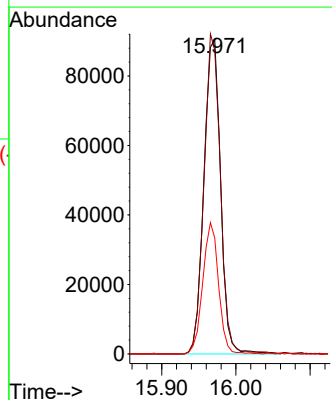
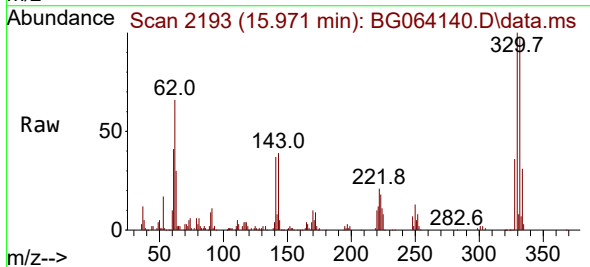
Instrument :
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ClientSampleId :
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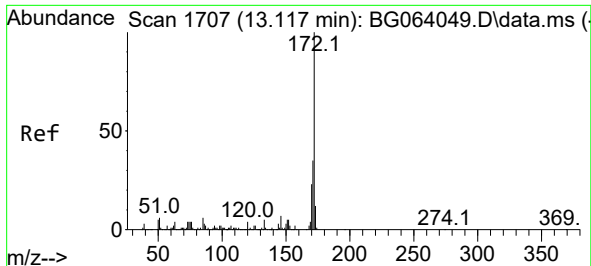
Tgt Ion:164 Resp: 101170
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 44.3 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 126.338 ng
RT: 15.971 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:330 Resp: 142077
Ion Ratio Lower Upper
330 100
332 99.4 76.7 115.1
141 39.5 29.7 44.5

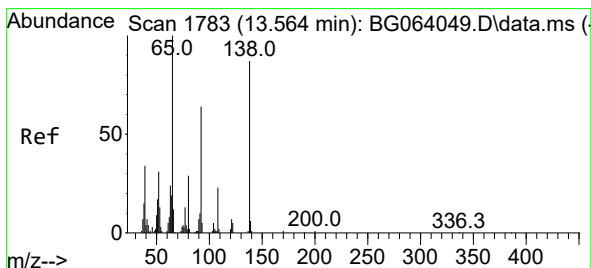
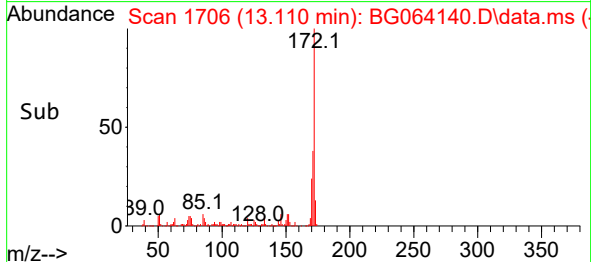
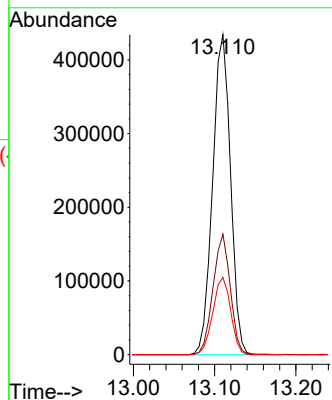
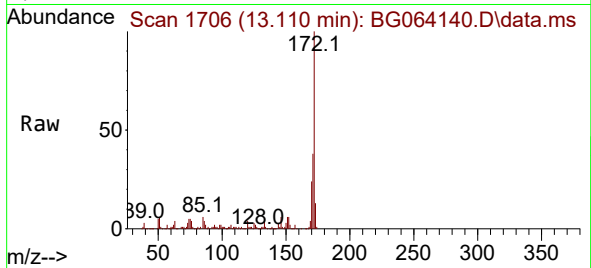




#45
2-Fluorobiphenyl
Concen: 99.548 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

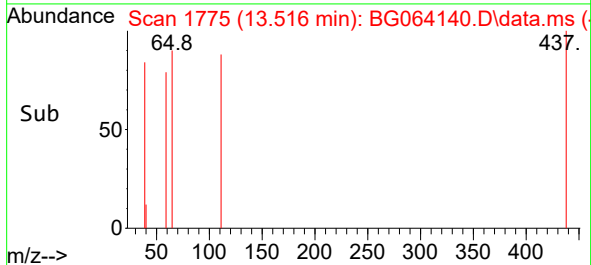
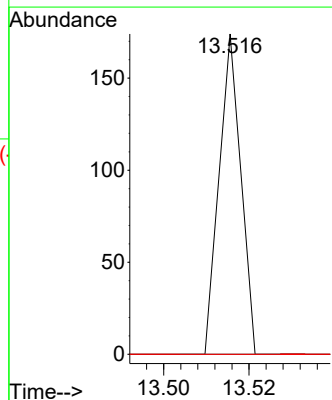
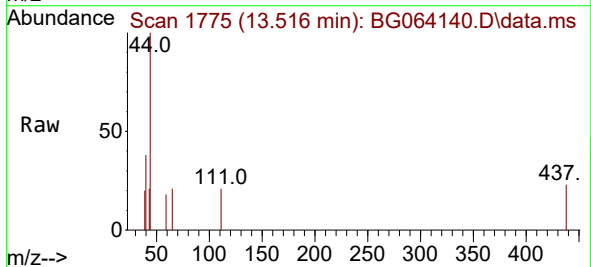
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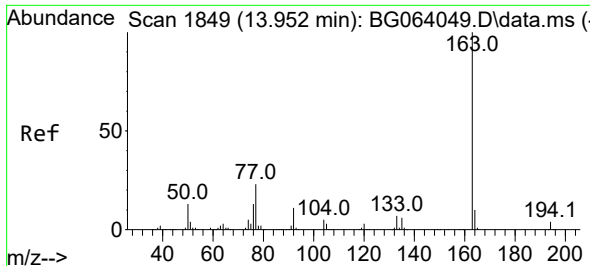
Tgt Ion:172 Resp: 663507
Ion Ratio Lower Upper
172 100
171 37.6 28.0 42.0
170 24.2 18.7 28.1



#48
2-Nitroaniline
Concen: 3.249 ng
RT: 13.516 min Scan# 1775
Delta R.T. -0.048 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#

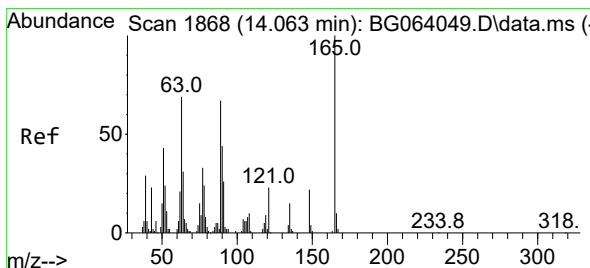
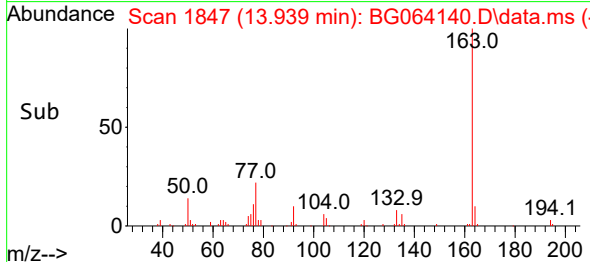
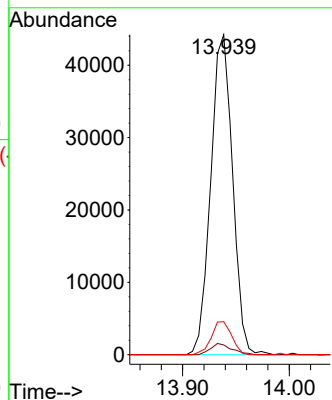
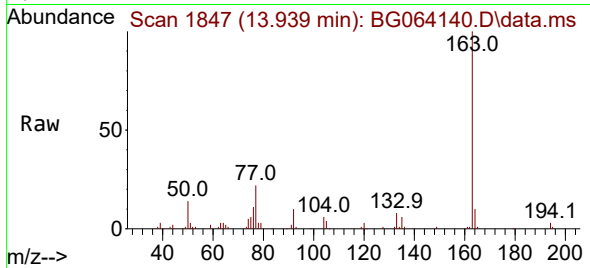




#50
Dimethylphthalate
Concen: 8.433 ng
RT: 13.939 min Scan# 1847
Delta R.T. -0.013 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

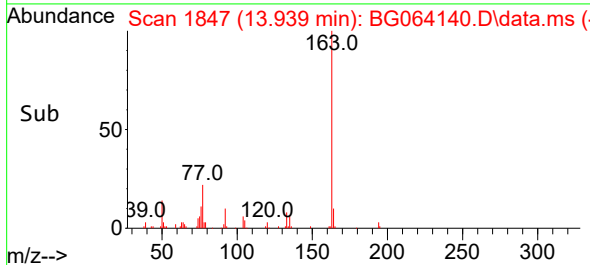
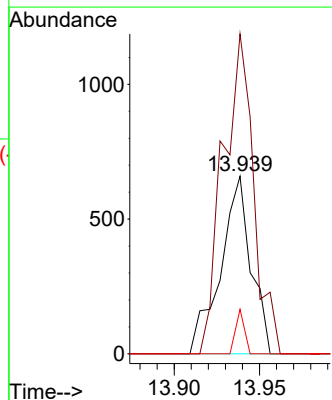
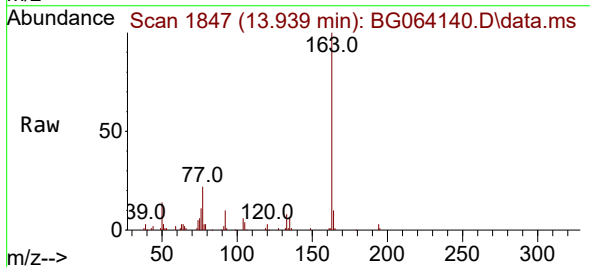
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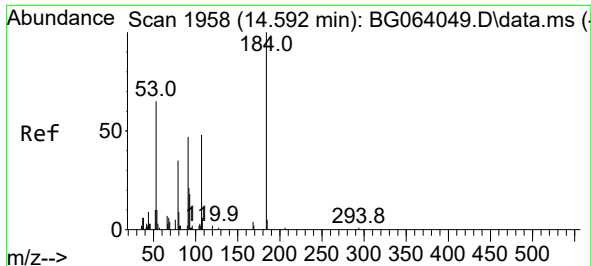
Tgt Ion:163 Resp: 62980
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.860 ng
RT: 13.939 min Scan# 1847
Delta R.T. -0.124 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:165 Resp: 819
Ion Ratio Lower Upper
165 100
63 180.1 56.7 85.1#
89 25.0 53.7 80.5#

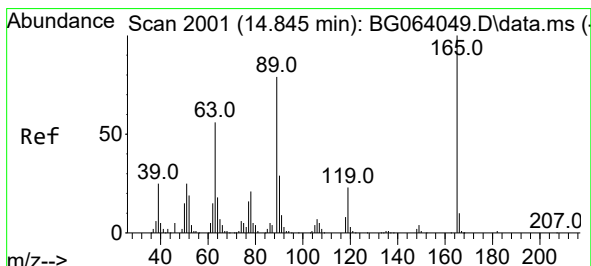
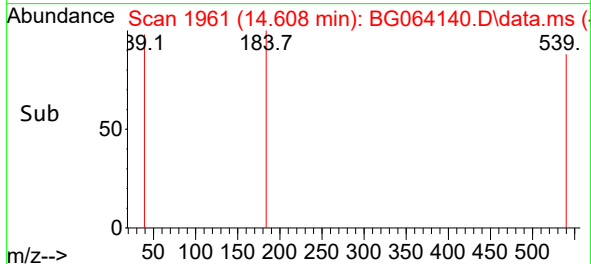
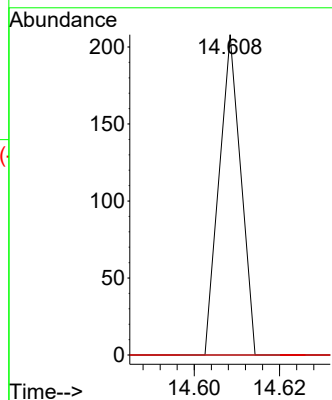
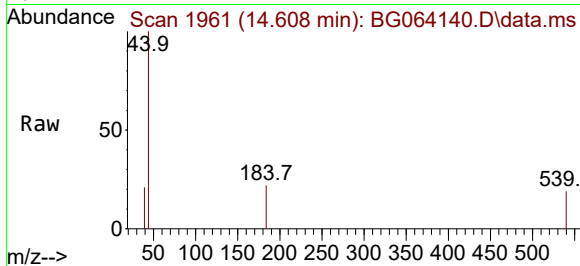




#54
2,4-Dinitrophenol
Concen: 7.986 ng
RT: 14.608 min Scan# 1961
Delta R.T. 0.016 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

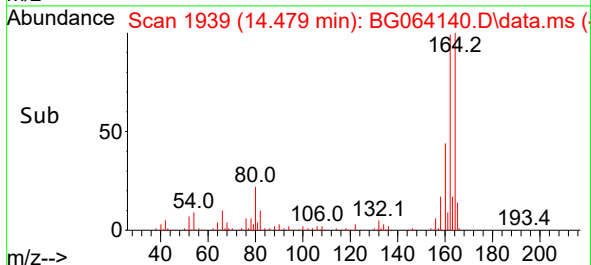
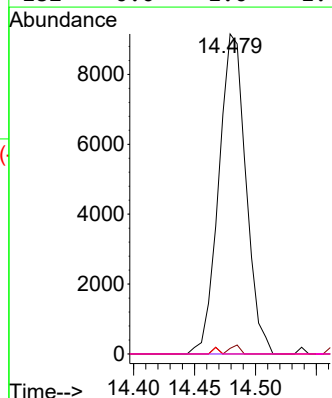
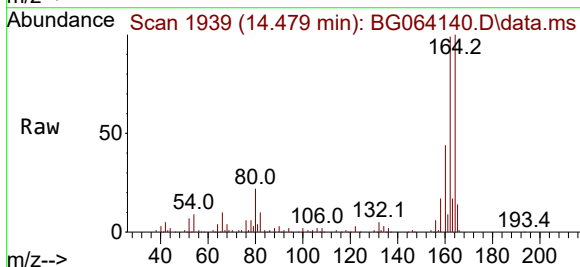
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

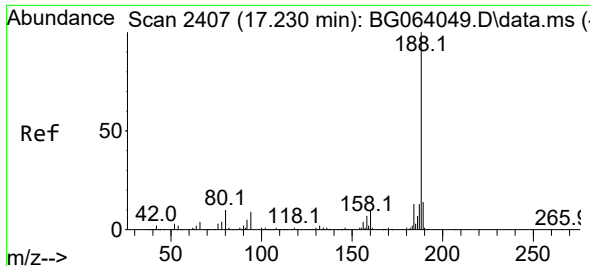
Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.921 ng
RT: 14.479 min Scan# 1939
Delta R.T. -0.366 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

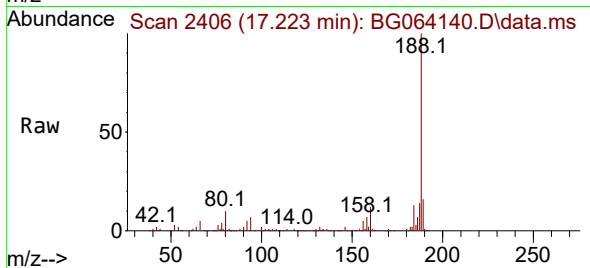
Tgt Ion:165 Resp: 14198
Ion Ratio Lower Upper
165 100
63 1.8 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



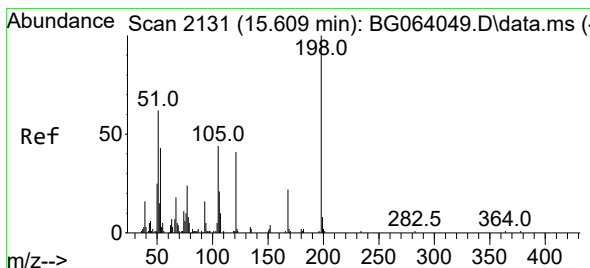
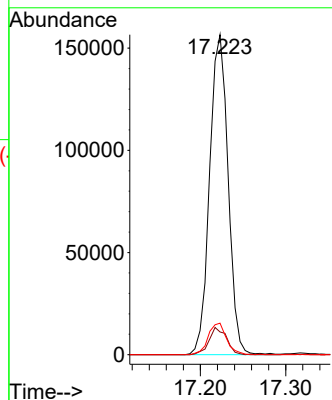
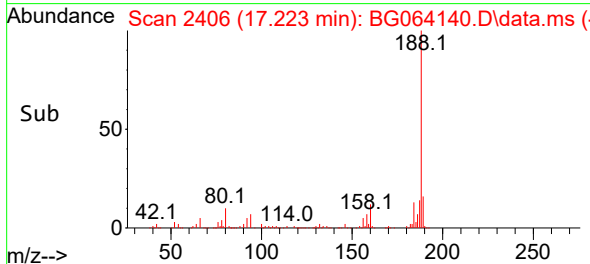


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.223 min Scan# 2407
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

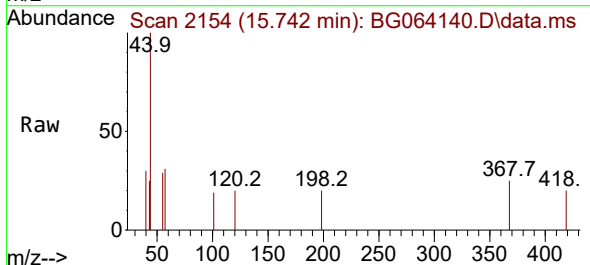
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01



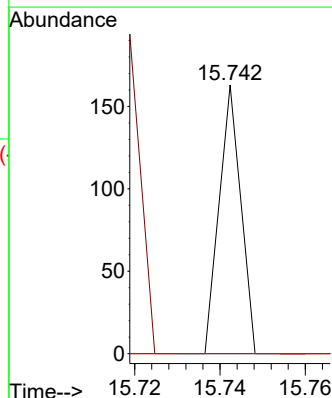
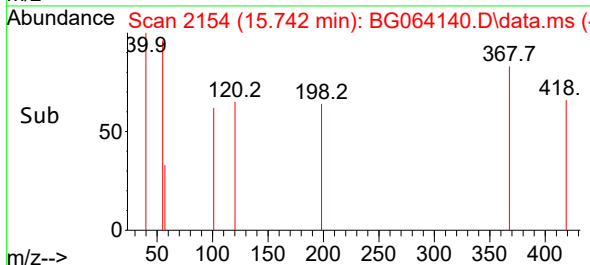
Tgt Ion:188 Resp: 235772
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 9.9 8.1 12.1

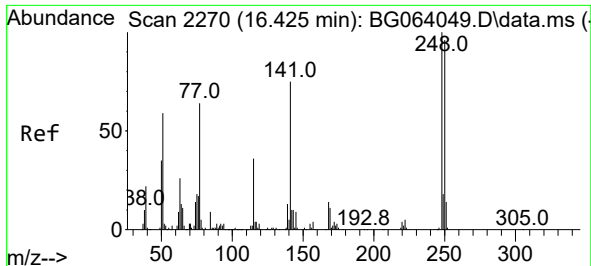


#65
4,6-Dinitro-2-methylphenol
Concen: 8.225 ng
RT: 15.742 min Scan# 2154
Delta R.T. 0.133 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25



Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#

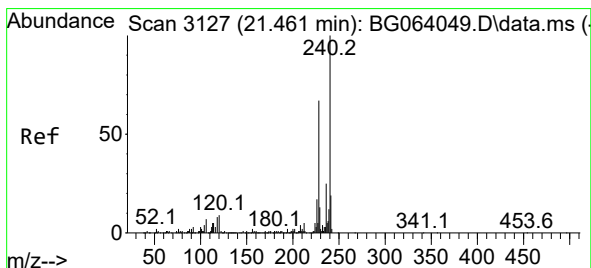
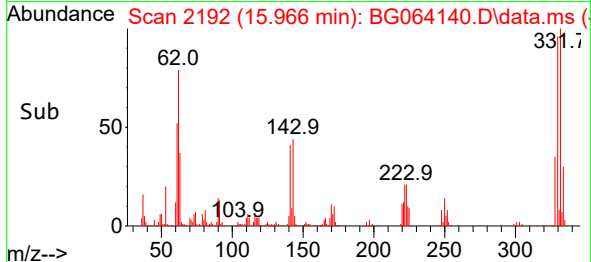
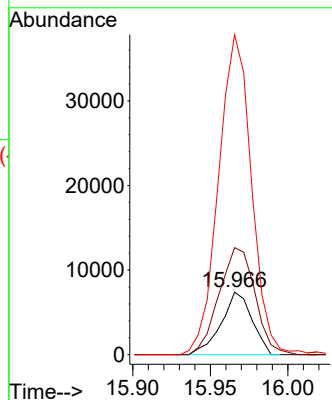
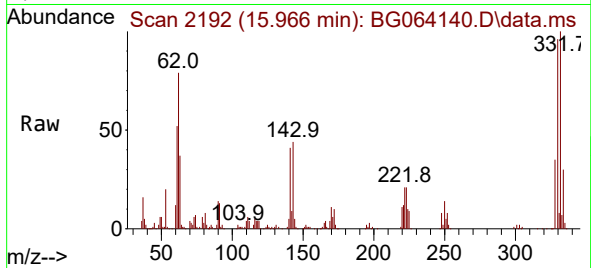




#67
4-Bromophenyl-phenylether
Concen: 4.226 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.460 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

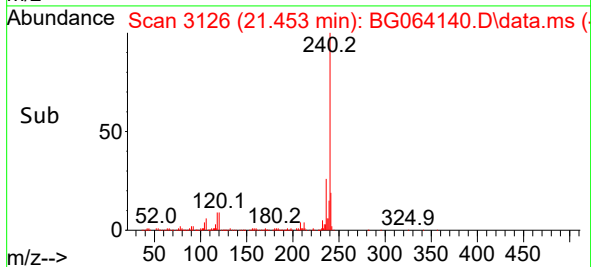
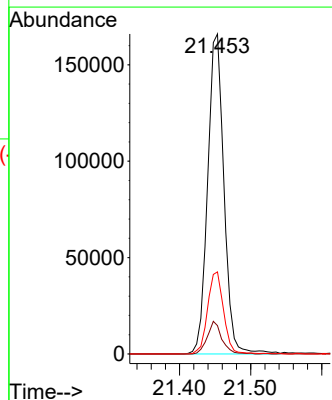
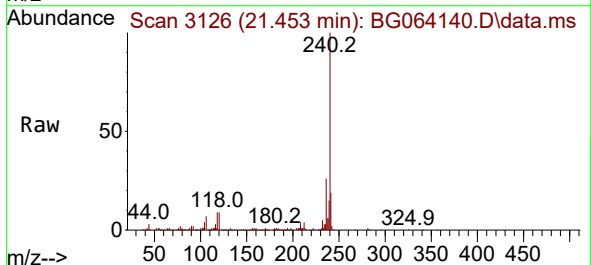
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

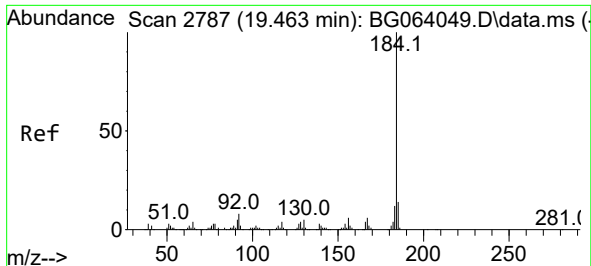
Tgt Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 171.0 77.1 115.7#
141 511.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:240 Resp: 265131
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 25.7 20.2 30.2

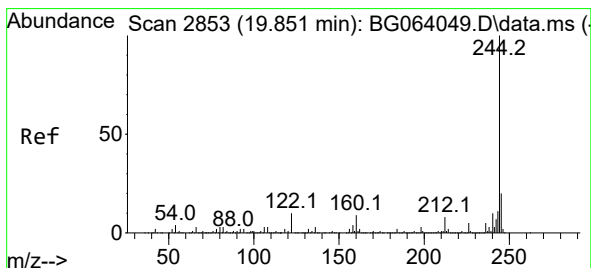
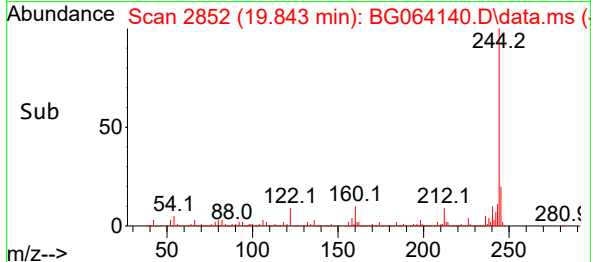
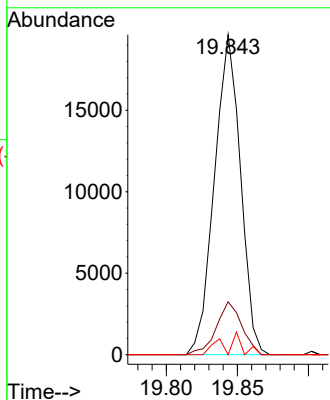
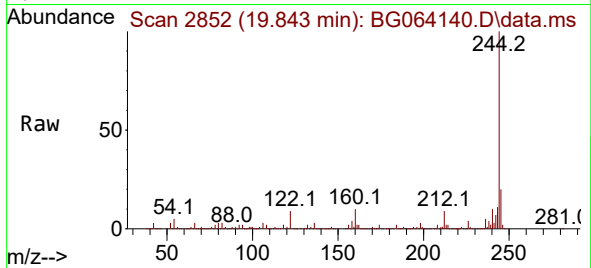




#77
Benzidine
Concen: 6.810 ng
RT: 19.843 min Scan# 2852
Delta R.T. 0.380 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

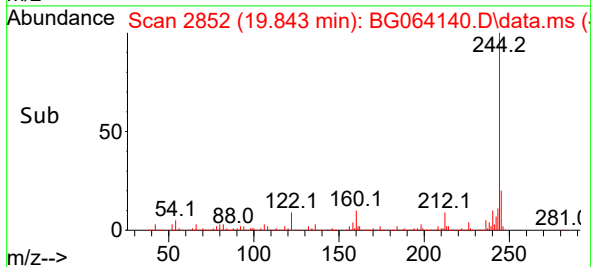
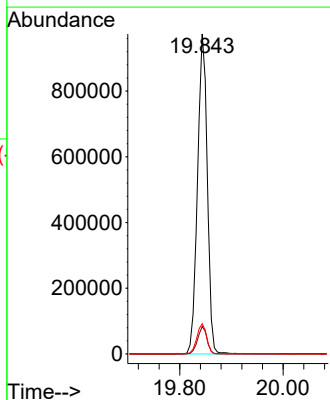
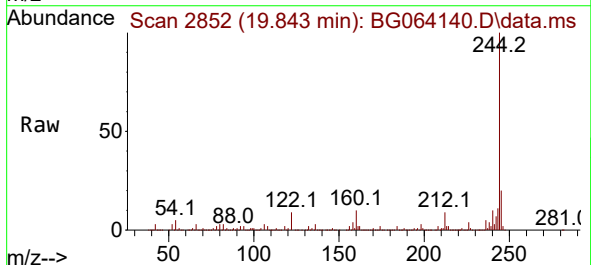
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

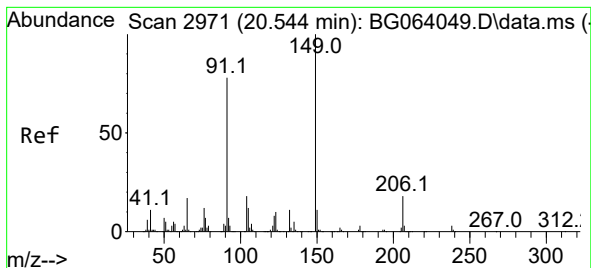
Tgt Ion:184 Resp: 25002
Ion Ratio Lower Upper
184 100
185 16.6 11.3 16.9
183 0.0 9.5 14.3#



#79
Terphenyl-d14
Concen: 97.402 ng
RT: 19.843 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:244 Resp: 1277163
Ion Ratio Lower Upper
244 100
212 8.6 6.2 9.4
122 9.5 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.647 ng

RT: 20.543 min Scan# 2971

Delta R.T. -0.001 min

Lab File: BG064140.D

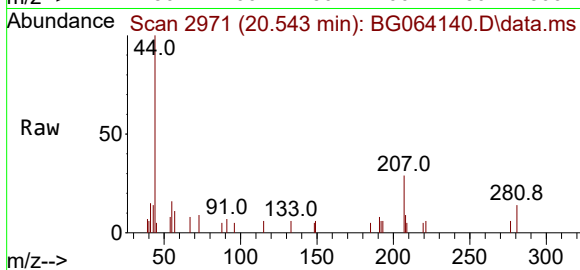
Acq: 1 Apr 2025 18:25

Instrument :

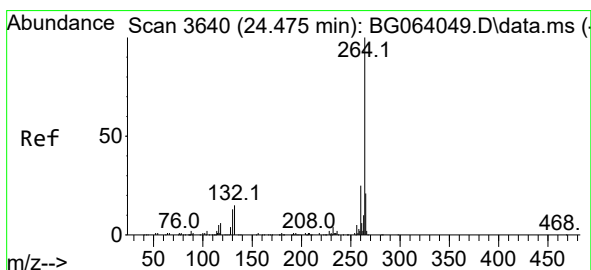
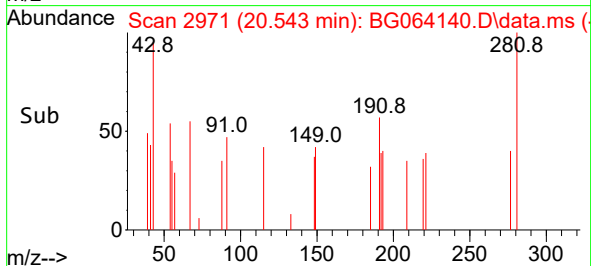
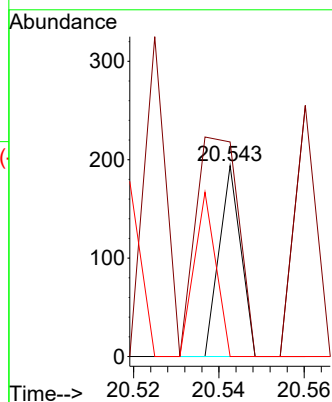
BNA_G

ClientSampleId :

P001-BBDGA-004-01



Tgt Ion:	149	Resp:	68
Ion	Ratio	Lower	Upper
149	100		
91	112.4	62.0	93.0#
206	0.0	14.6	21.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3638

Delta R.T. -0.013 min

Lab File: BG064140.D

Acq: 1 Apr 2025 18:25

Tgt Ion:	264	Resp:	282446
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.4	16.6	25.0

