

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064640.D
 Acq On : 30 Oct 2025 14:20
 Operator : RC/JU
 Sample : PB170306BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170306BL

Quant Time: Oct 30 14:55:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

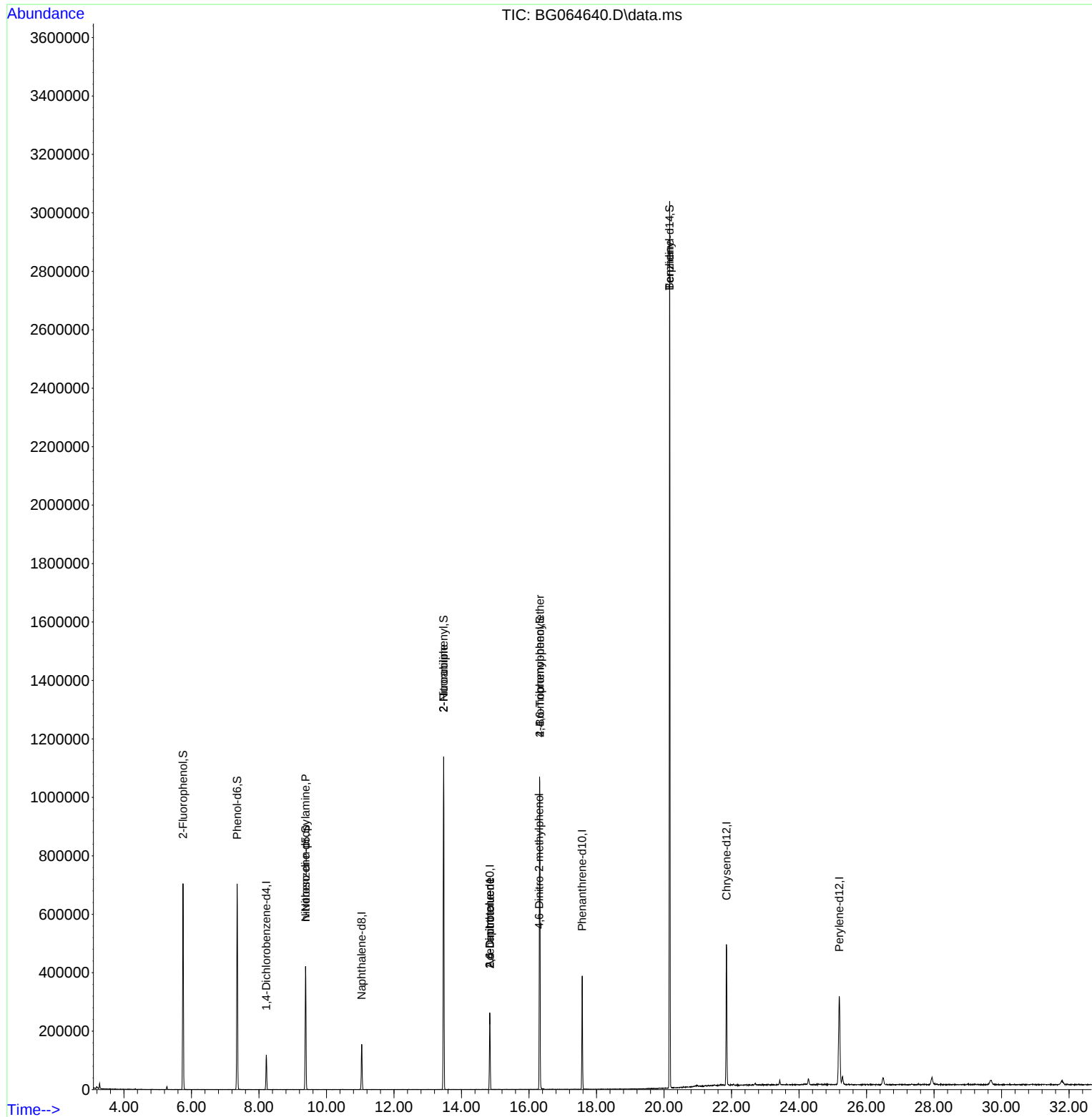
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	32217	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	123586	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	94645	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	239353	20.000	ng	0.00
76) Chrysene-d12	21.848	240	316253	20.000	ng	-0.02
86) Perylene-d12	25.191	264	368142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	266892	139.050	ng	0.00
7) Phenol-d6	7.353	99	362549	137.652	ng	0.00
23) Nitrobenzene-d5	9.380	82	232633	113.059	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	237638	173.965	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	598057	95.779	ng	0.00
79) Terphenyl-d14	20.168	244	1519944	90.699	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	30527	16.771	ng	# 69
48) 2-Nitroaniline	13.470	65	1111	3.833	ng	# 1
51) 2,6-Dinitrotoluene	14.839	165	12307	12.807	ng	# 18
57) 2,4-Dinitrotoluene	14.839	165	12307	9.289	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.302	198	824	6.121	ng	# 91
67) 4-Bromophenyl-phenylether	16.319	248	15785	5.565	ng	# 1
77) Benzidine	20.168	184	22706	3.205	ng	# 96

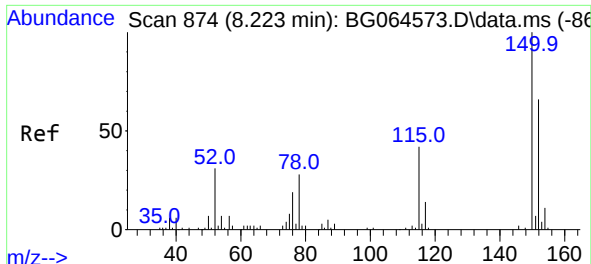
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064640.D
Acq On : 30 Oct 2025 14:20
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 30 14:55:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

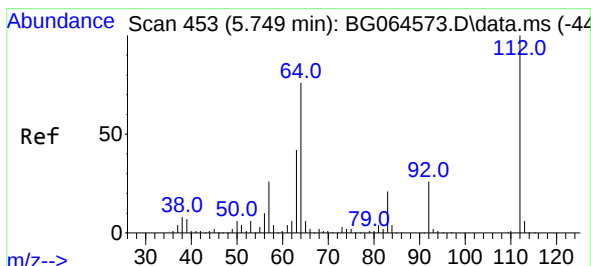
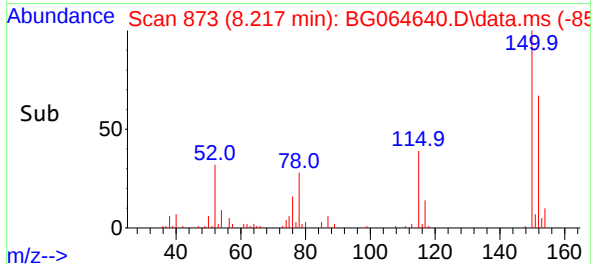
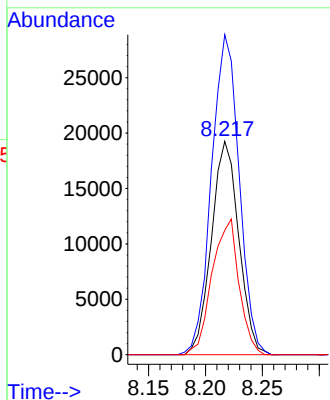
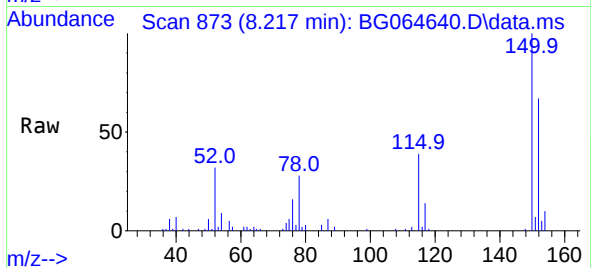




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

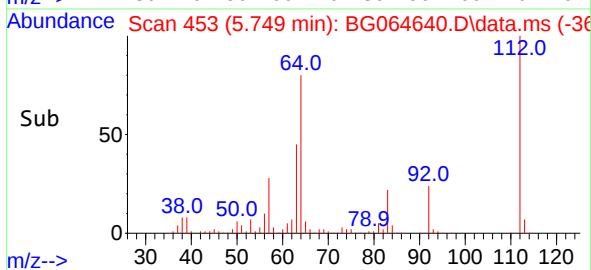
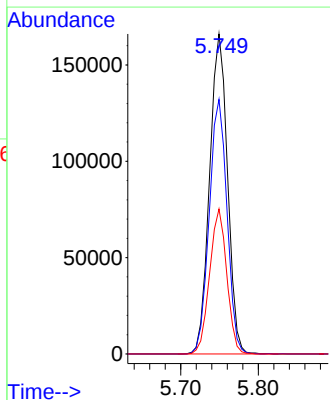
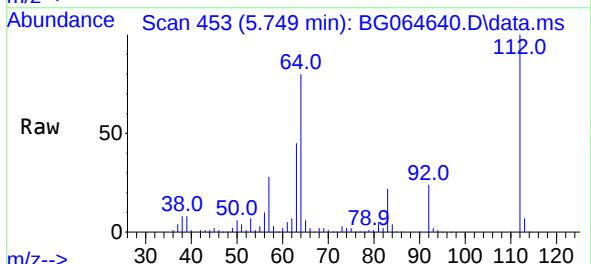
Instrument :
BNA_G
ClientSampleId :
PB170306BL

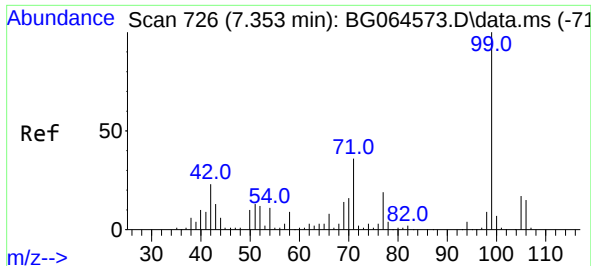
Tgt Ion:152 Resp: 32217
Ion Ratio Lower Upper
152 100
150 150.0 122.2 183.4
115 58.3 50.8 76.2



#5
2-Fluorophenol
Concen: 139.050 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

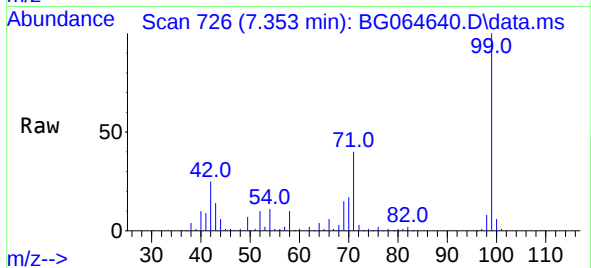
Tgt Ion:112 Resp: 266892
Ion Ratio Lower Upper
112 100
64 79.5 60.7 91.1
63 45.3 33.4 50.0



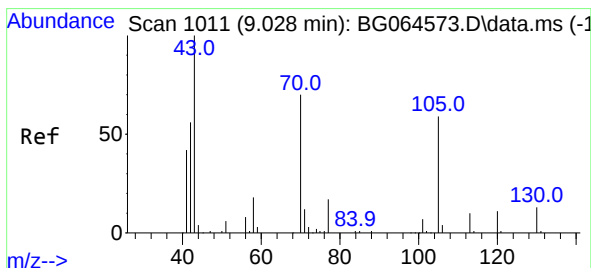
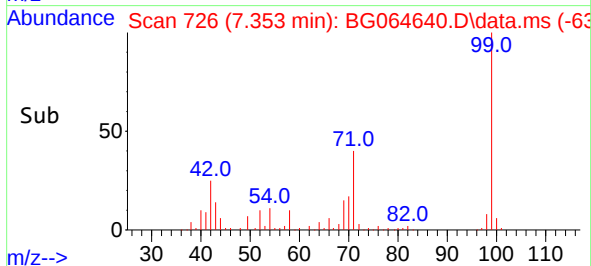
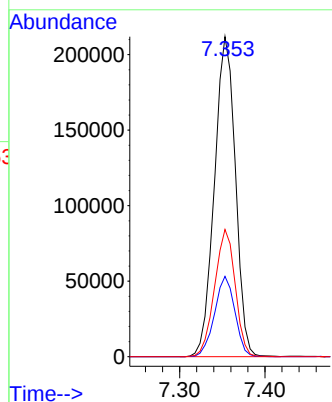


#7
Phenol-d6
Concen: 137.652 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Instrument :
BNA_G
ClientSampleId :
PB170306BL

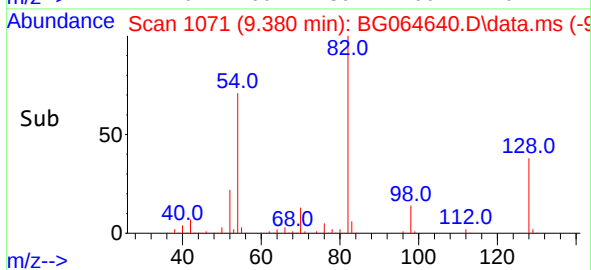
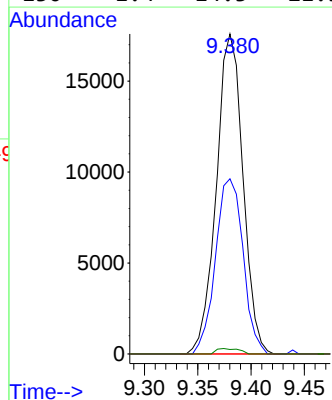
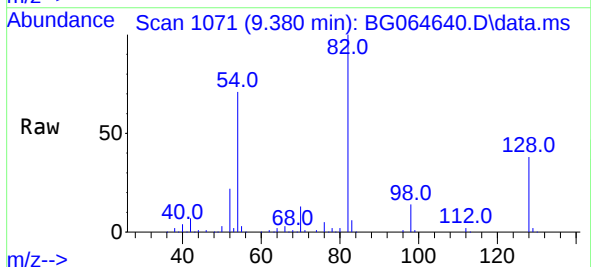


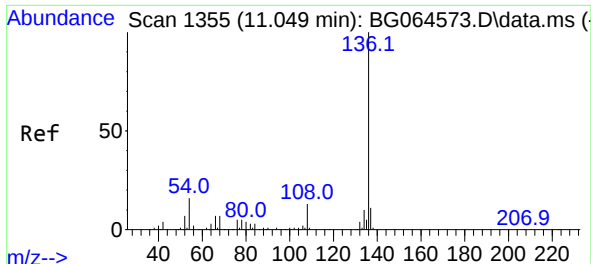
Tgt Ion: 99 Resp: 362549
Ion Ratio Lower Upper
99 100
42 25.1 18.3 27.5
71 39.7 28.6 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.771 ng
RT: 9.380 min Scan# 1071
Delta R.T. 0.349 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion: 70 Resp: 30527
Ion Ratio Lower Upper
70 100
42 54.8 65.2 97.8#
101 0.0 7.9 11.9#
130 1.4 14.3 21.5#



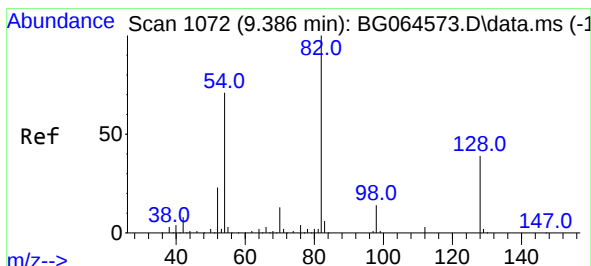
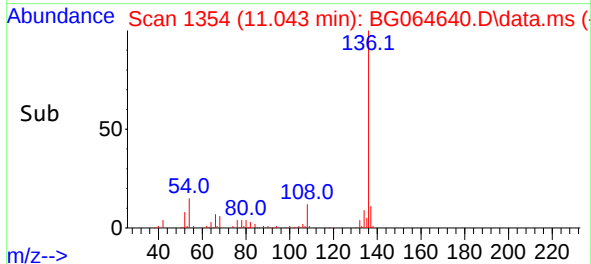
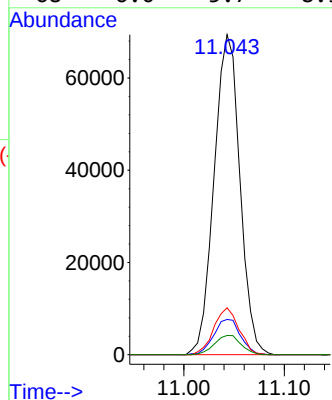
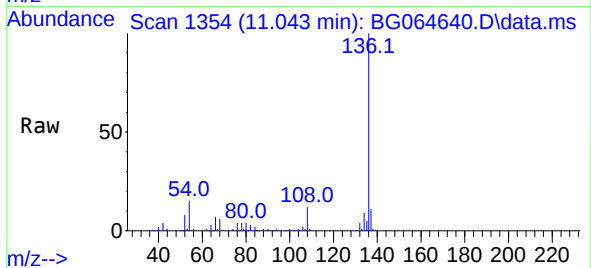


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Instrument :
BNA_G
ClientSampleId :
PB170306BL

Tgt Ion:136 Resp: 123586

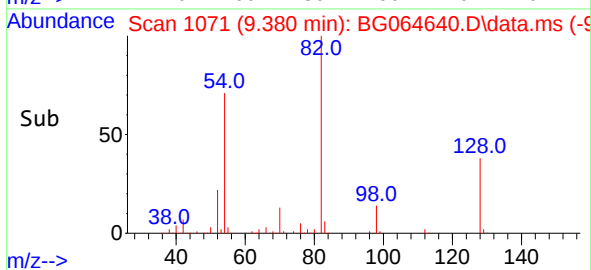
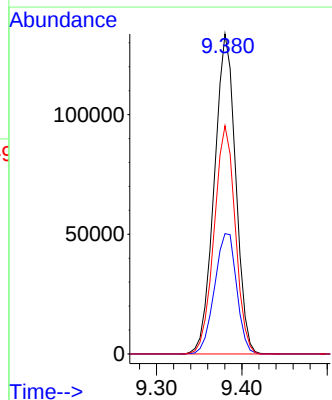
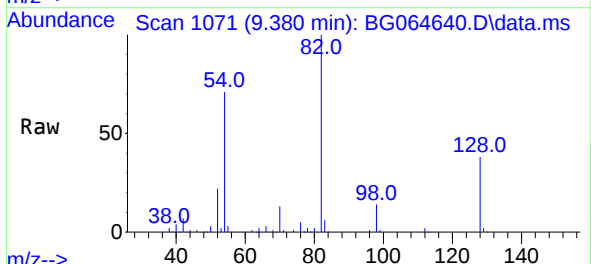
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	14.6	12.6	19.0
68	6.0	5.7	8.5

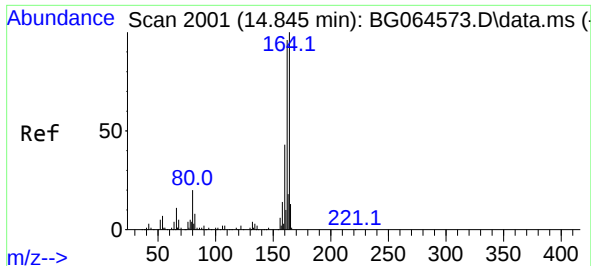


#23
Nitrobenzene-d5
Concen: 113.059 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.010 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion: 82 Resp: 232633

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.3	46.9
54	71.3	56.6	84.8

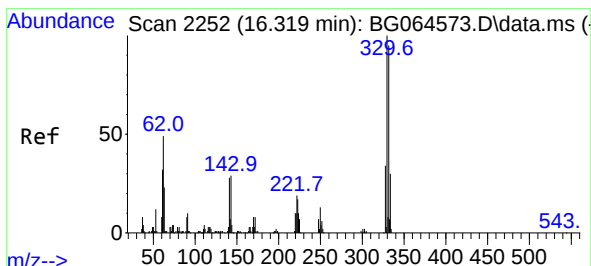
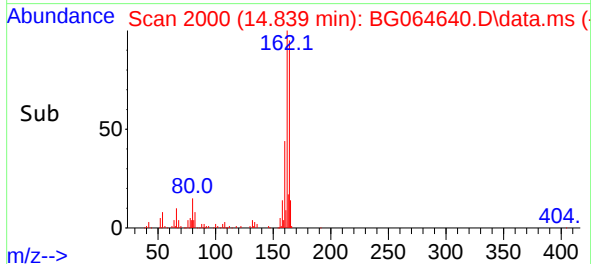
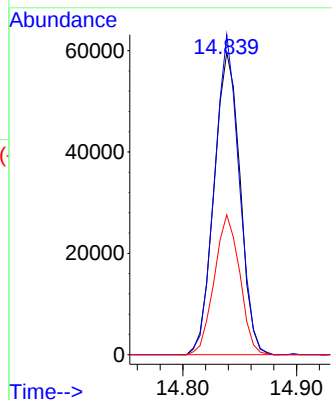
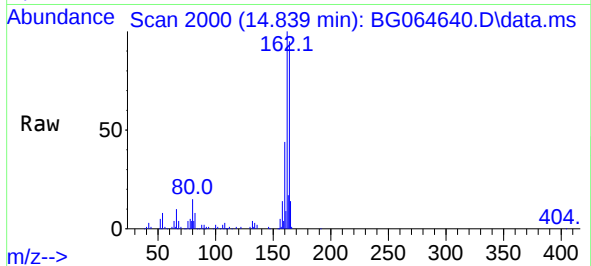




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

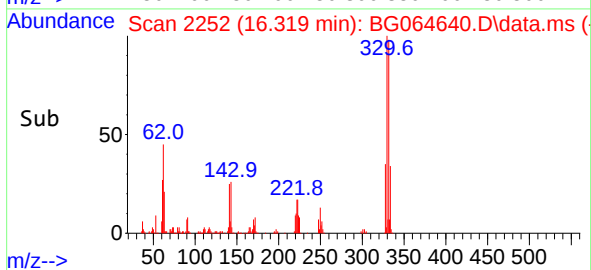
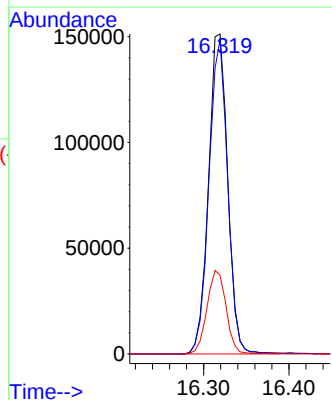
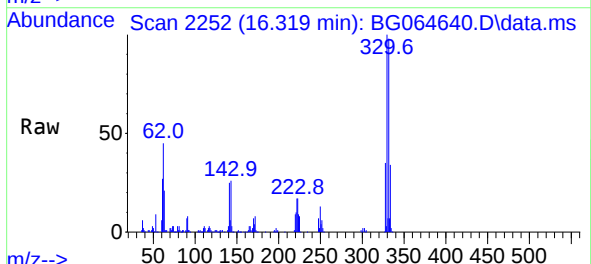
Instrument :
BNA_G
ClientSampleId :
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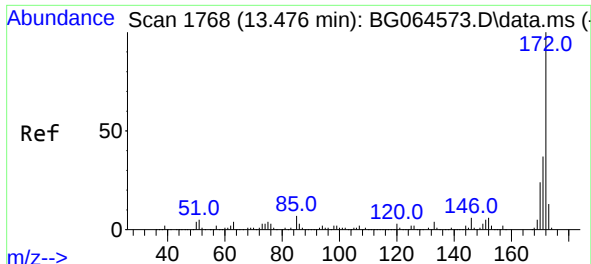
Tgt Ion:164 Resp: 94645
Ion Ratio Lower Upper
164 100
162 105.8 77.0 115.6
160 46.2 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 173.965 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:330 Resp: 237638
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 26.0 21.8 32.6

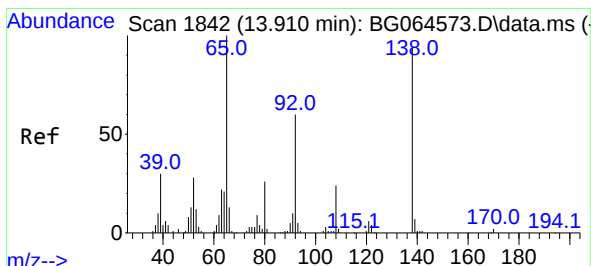
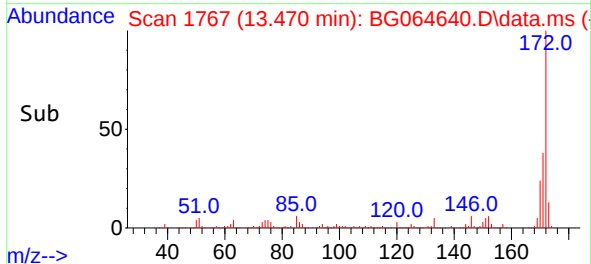
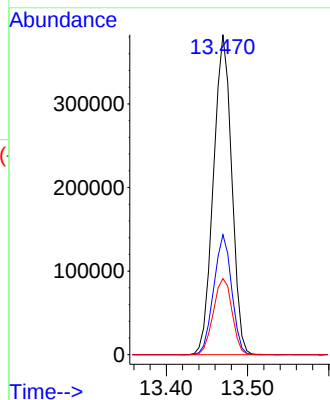
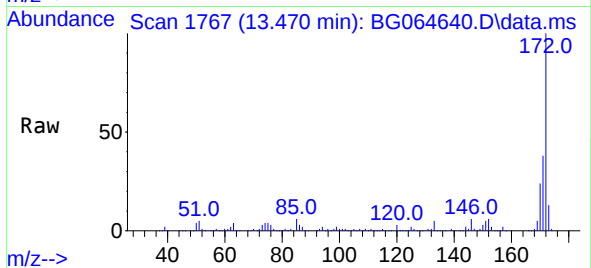




#45
2-Fluorobiphenyl
Concen: 95.779 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

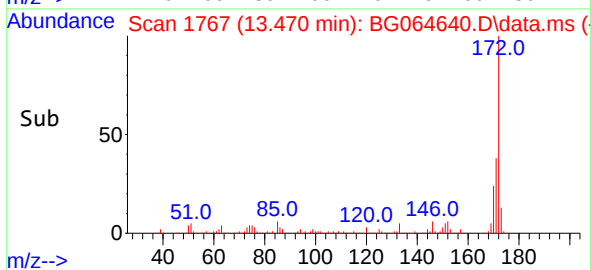
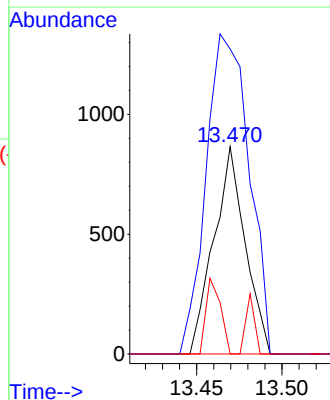
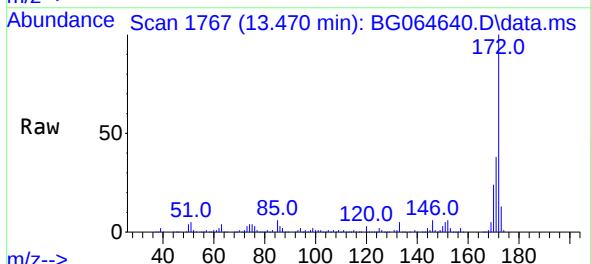
Instrument :
BNA_G
ClientSampleId :
PB170306BL

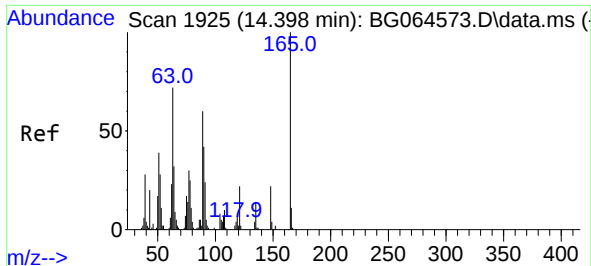
Tgt Ion:172 Resp: 598057
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 3.833 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.444 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion: 65 Resp: 1111
Ion Ratio Lower Upper
65 100
92 147.0 48.3 72.5#
138 0.0 74.9 112.3#

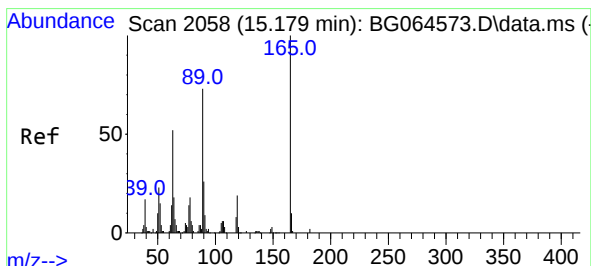
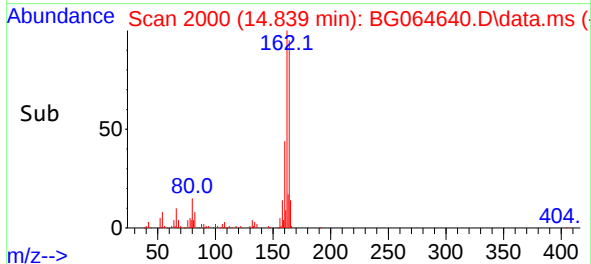
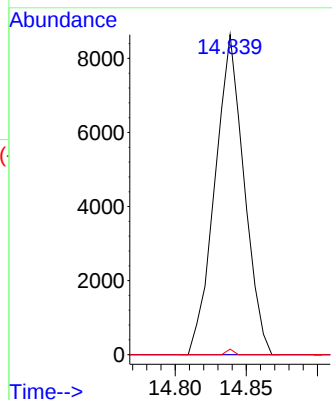
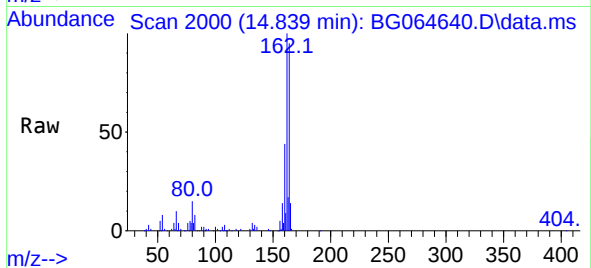




#51
2,6-Dinitrotoluene
Concen: 12.807 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.437 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

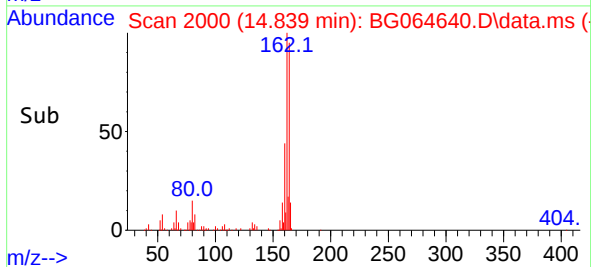
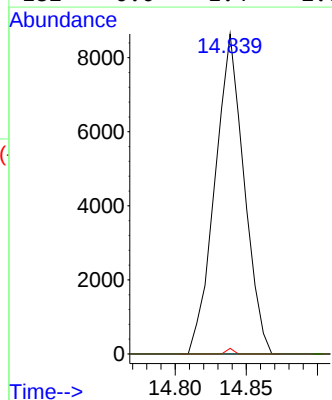
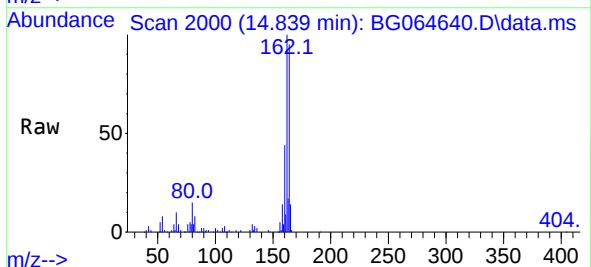
Instrument :
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ClientSampleId :
PB170306BL

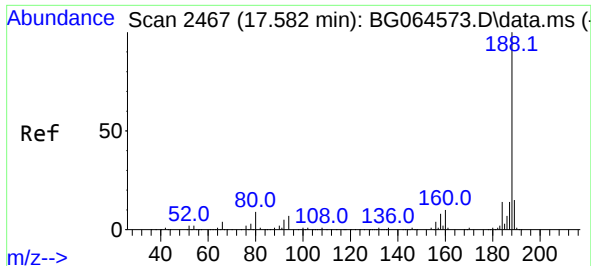
Tgt Ion:165 Resp: 12307
Ion Ratio Lower Upper
165 100
63 0.0 57.4 86.0#
89 1.8 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 9.289 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.350 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:165 Resp: 12307
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.8#
89 1.8 58.1 87.1#
182 0.0 1.4 2.0#

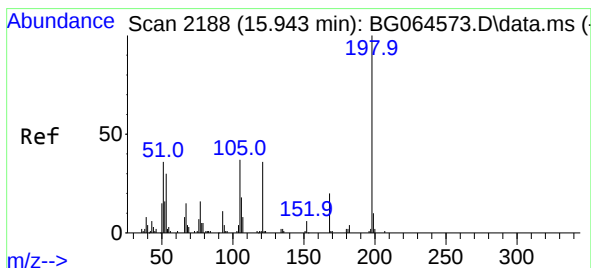
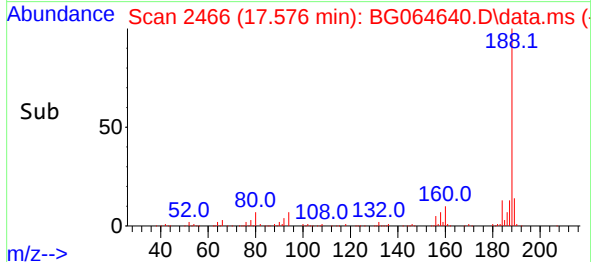
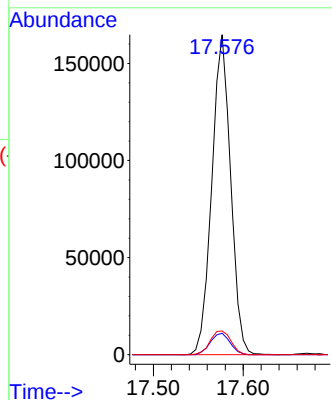
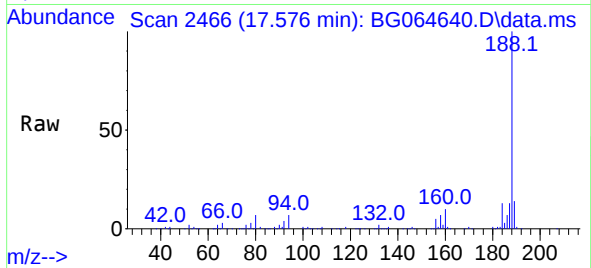




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

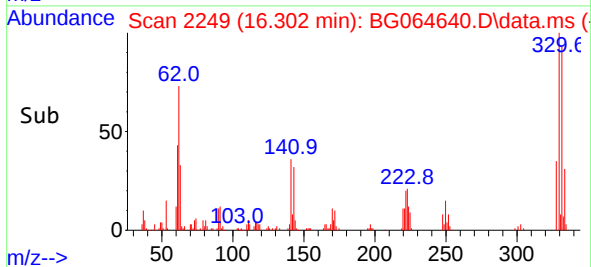
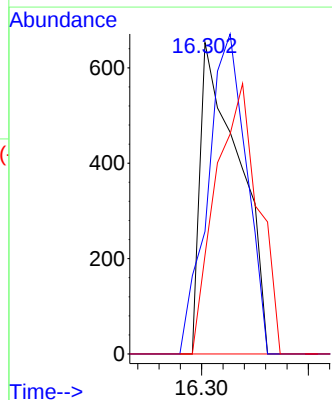
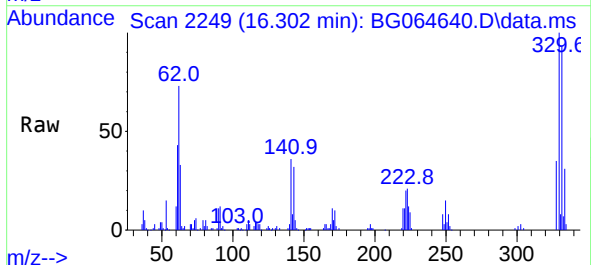
Instrument :
BNA_G
ClientSampleId :
PB170306BL

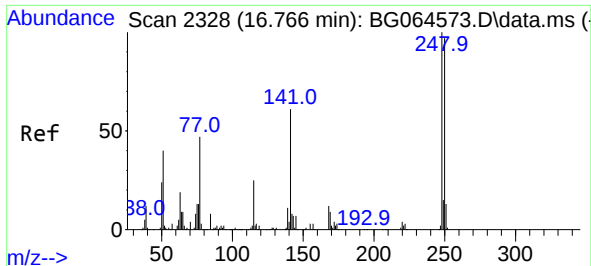
Tgt Ion:188 Resp: 239353
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.4 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.121 ng
RT: 16.302 min Scan# 2249
Delta R.T. 0.355 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:198 Resp: 824
Ion Ratio Lower Upper
198 100
51 39.4 24.7 64.7
105 31.7 18.0 58.0

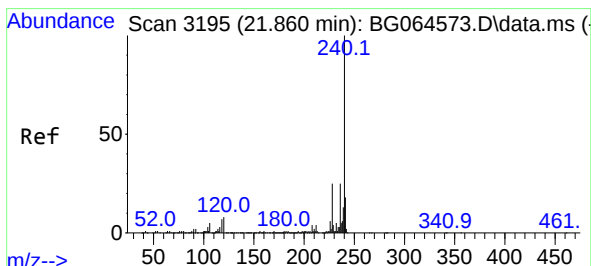
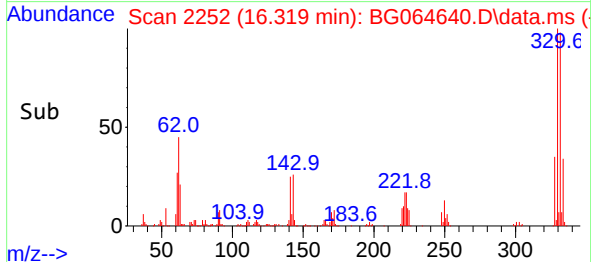
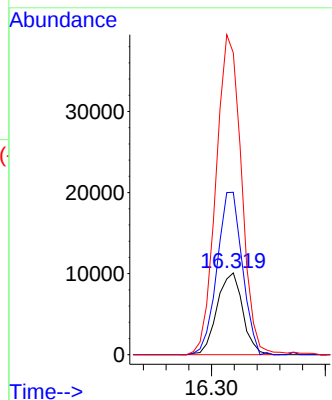
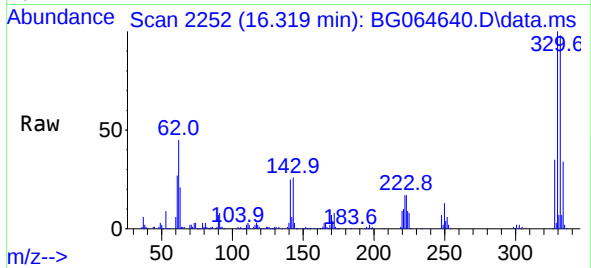




#67
4-Bromophenyl-phenylether
Concen: 5.565 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

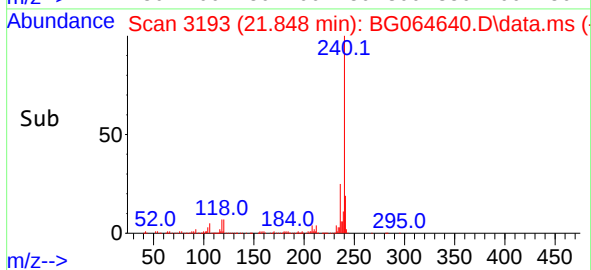
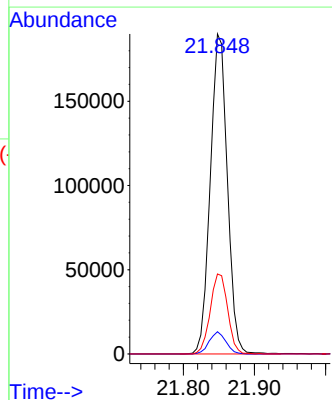
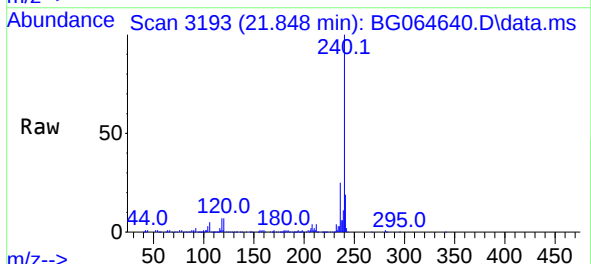
Instrument :
BNA_G
ClientSampleId :
PB170306BL

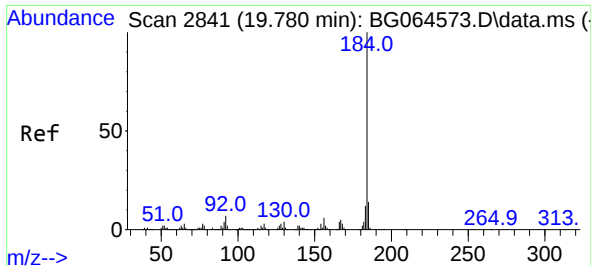
Tgt Ion:248 Resp: 15785
Ion Ratio Lower Upper
248 100
250 257.9 77.7 116.5#
141 368.7 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

Tgt Ion:240 Resp: 316253
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 25.0 20.2 30.2

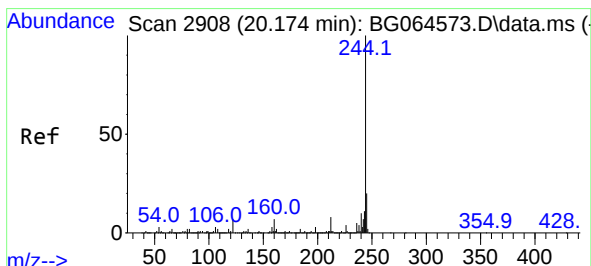
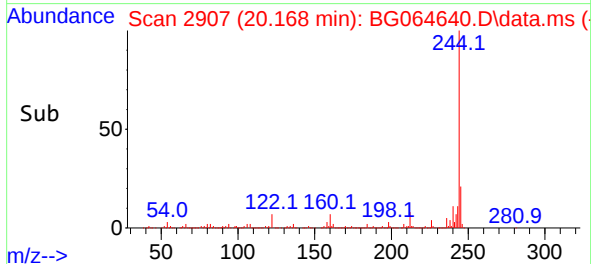
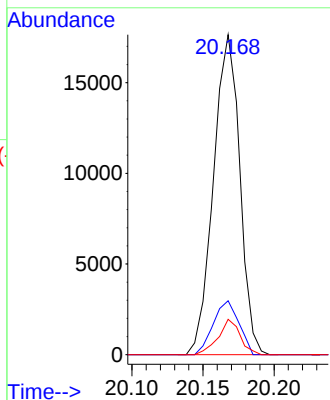
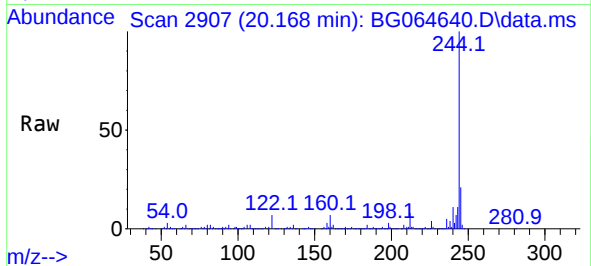




#77
Benzidine
Concen: 3.205 ng
RT: 20.168 min Scan# 2907
Delta R.T. 0.384 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

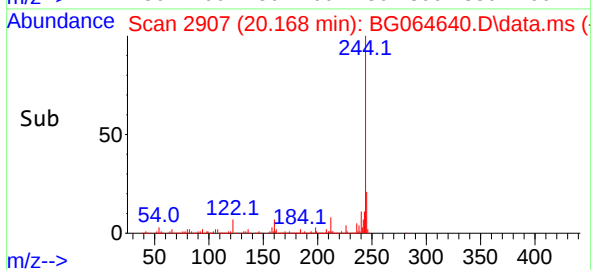
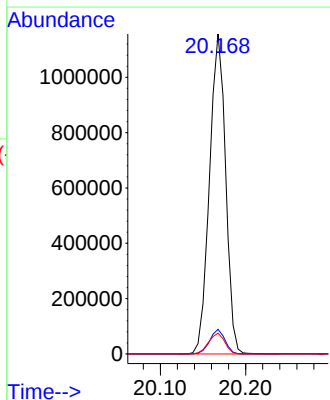
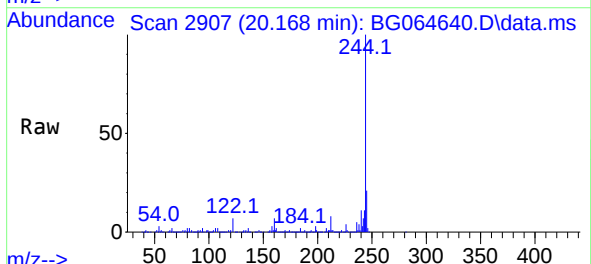
Instrument :
BNA_G
ClientSampleId :
PB170306BL

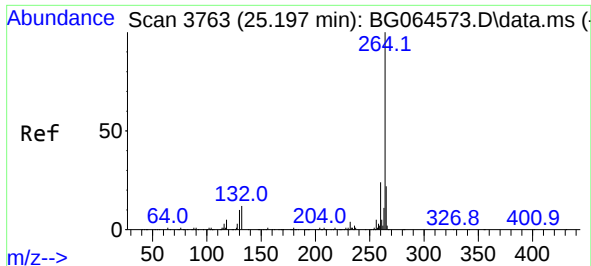
Tgt Ion:184 Resp: 22706
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.2
183 11.1 9.4 14.2



#79
Terphenyl-d14
Concen: 90.699 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064640.D
Acq: 30 Oct 2025 14:20

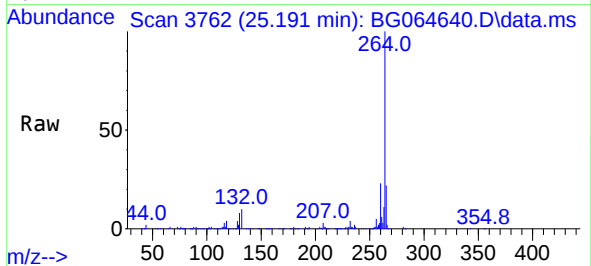
Tgt Ion:244 Resp: 1519944
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 6.5 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG064640.D
 Acq: 30 Oct 2025 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB170306BL



Tgt Ion:264 Resp: 368142
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.8 17.6 26.4

