

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064621.D
 Acq On : 29 Oct 2025 13:25
 Operator : RC/JU
 Sample : PB170215BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BL

Quant Time: Oct 29 14:03:03 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)

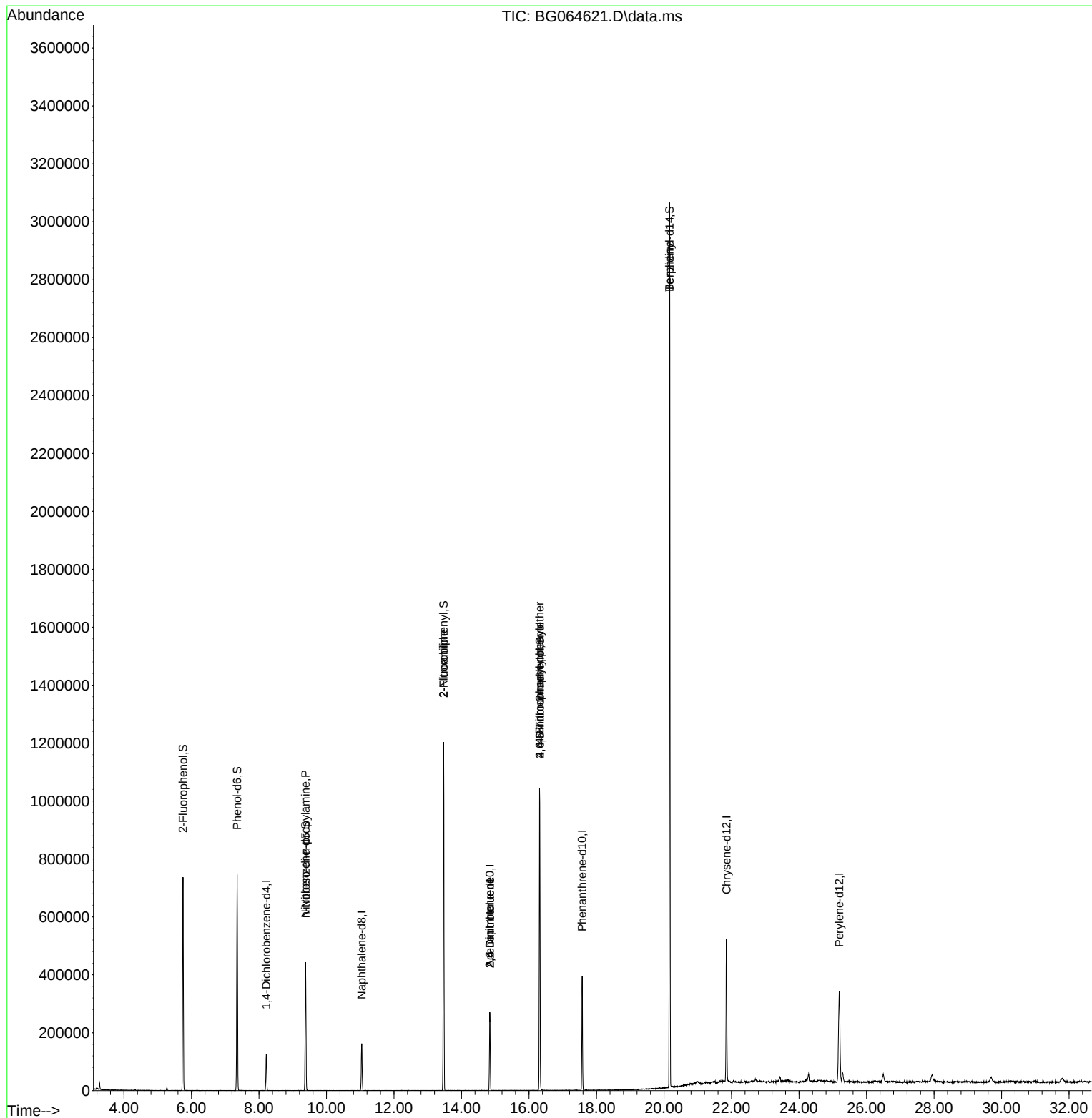
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	33974	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	131027	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	98338	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	248117	20.000	ng	0.00
76) Chrysene-d12	21.848	240	318243	20.000	ng	-0.02
86) Perylene-d12	25.191	264	369003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	280581	138.622	ng	0.00
7) Phenol-d6	7.353	99	385276	138.716	ng	0.00
23) Nitrobenzene-d5	9.380	82	240197	110.106	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	229169	161.465	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	628128	96.817	ng	0.00
79) Terphenyl-d14	20.167	244	1531012	90.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	31664	16.496	ng	# 69
48) 2-Nitroaniline	13.469	65	1107	3.808	ng	# 20
51) 2,6-Dinitrotoluene	14.838	165	12520	12.606	ng	# 18
57) 2,4-Dinitrotoluene	14.838	165	12520	9.158	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.319	198	665	5.967	ng	# 1
67) 4-Bromophenyl-phenylether	16.313	248	14513	4.936	ng	# 1
77) Benzidine	20.167	184	23460	3.290	ng	# 97

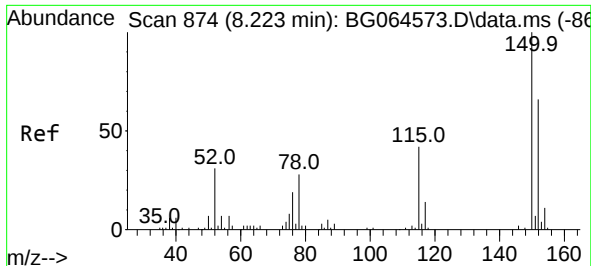
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 24 16:40:26 2025
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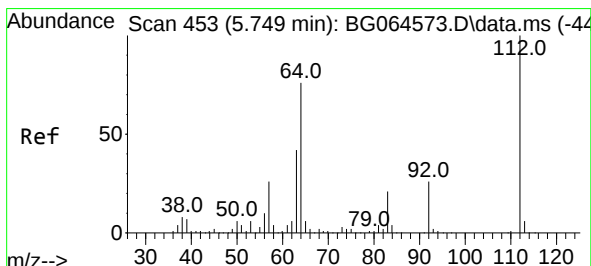
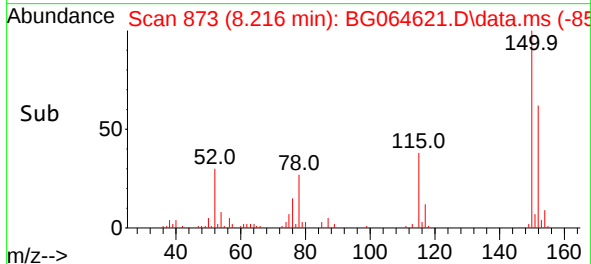
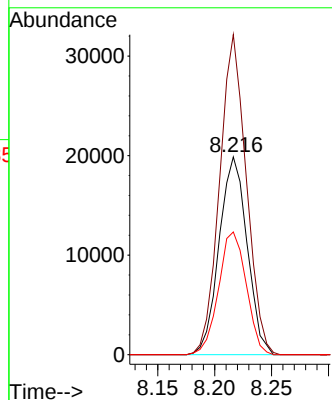
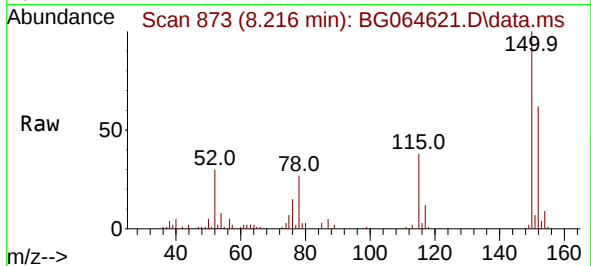




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

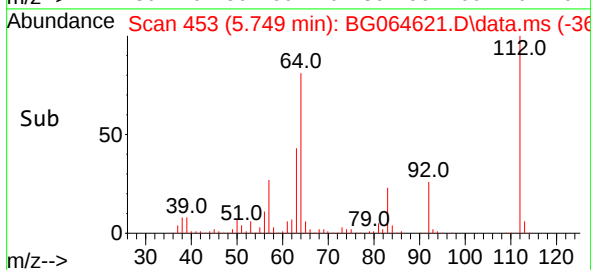
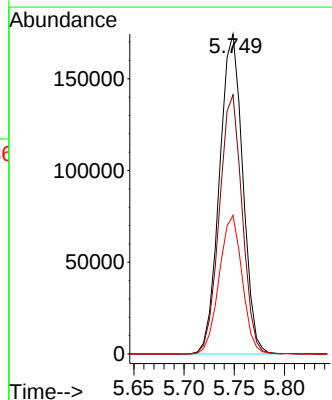
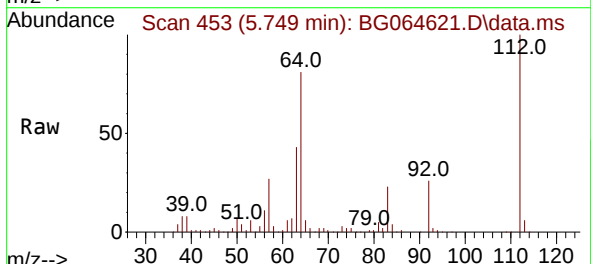
Instrument :
BNA_G
ClientSampleId :
PB170215BL

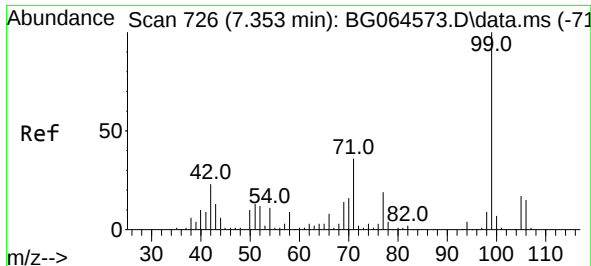
Tgt Ion:152 Resp: 33974
Ion Ratio Lower Upper
152 100
150 161.9 122.2 183.4
115 62.1 50.8 76.2



#5
2-Fluorophenol
Concen: 138.622 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:112 Resp: 280581
Ion Ratio Lower Upper
112 100
64 81.0 60.7 91.1
63 43.3 33.4 50.0

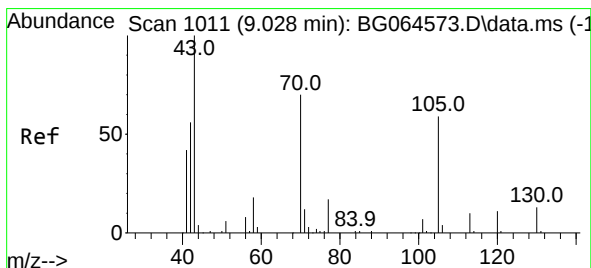
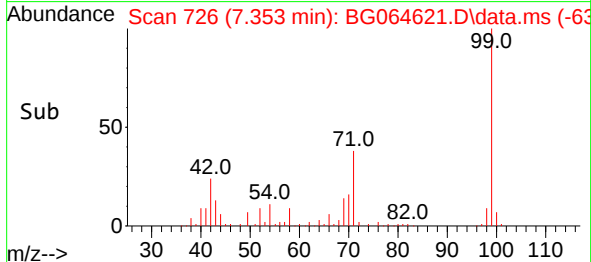
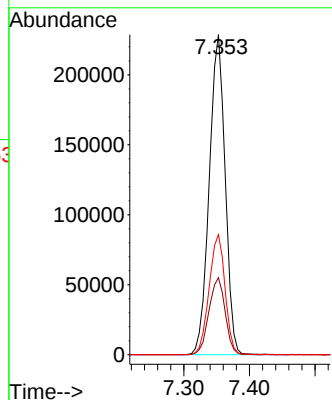
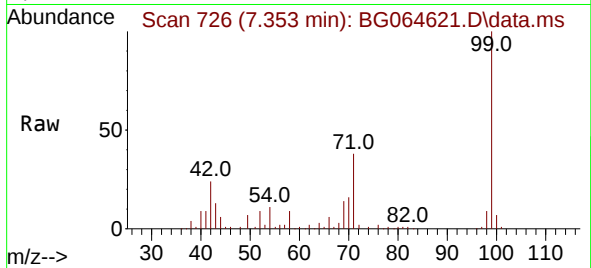




#7
Phenol-d6
Concen: 138.716 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

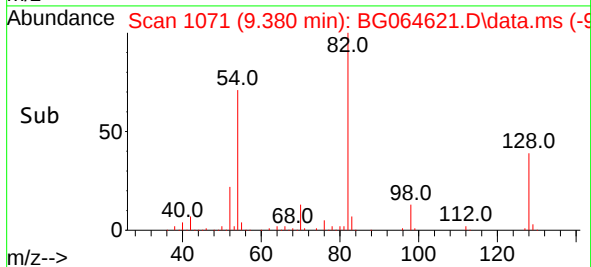
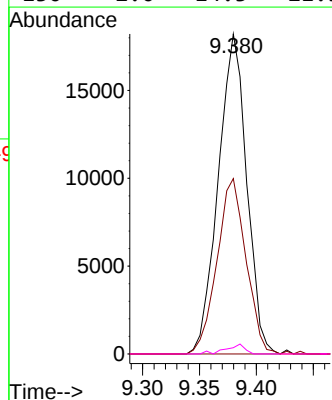
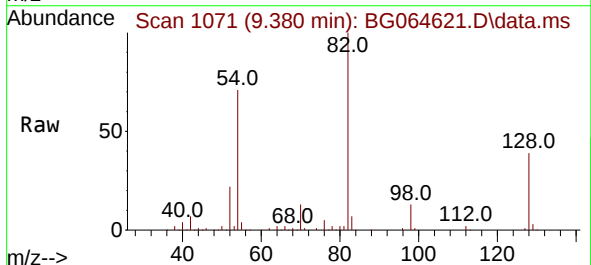
Instrument :
BNA_G
ClientSampleId :
PB170215BL

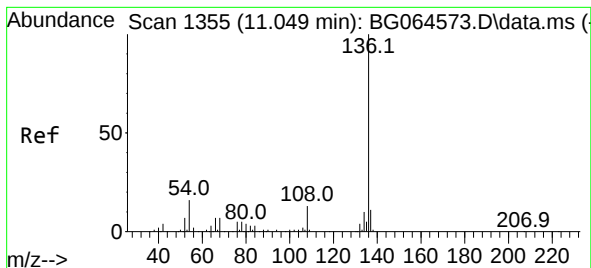
Tgt Ion: 99 Resp: 385276
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 37.5 28.6 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.496 ng
RT: 9.380 min Scan# 1071
Delta R.T. 0.348 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion: 70 Resp: 31664
Ion Ratio Lower Upper
70 100
42 54.8 65.2 97.8#
101 0.0 7.9 11.9#
130 2.0 14.3 21.5#

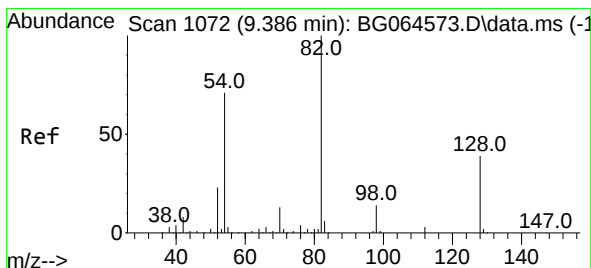
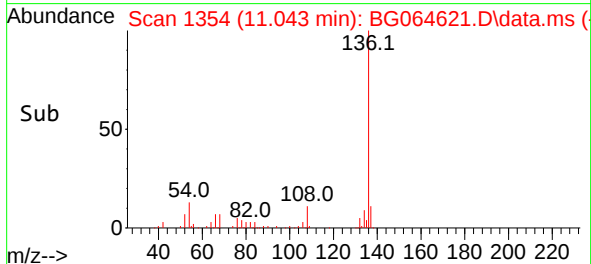
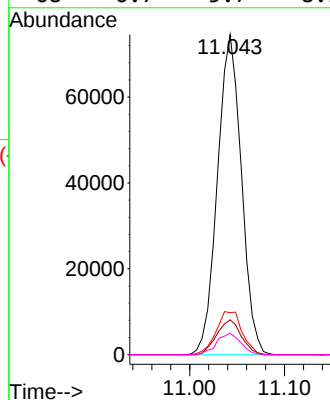
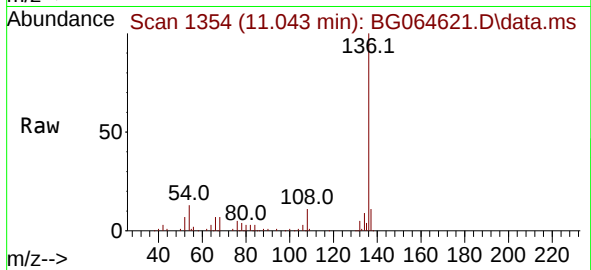




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

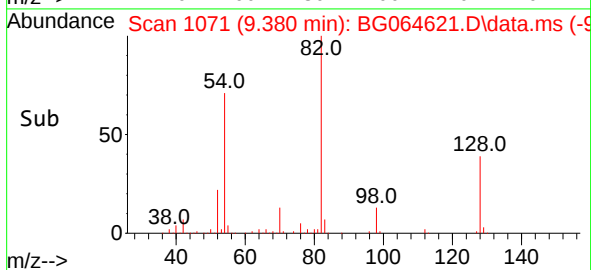
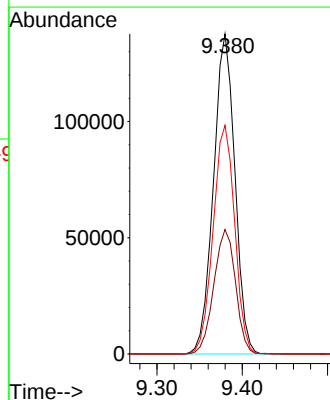
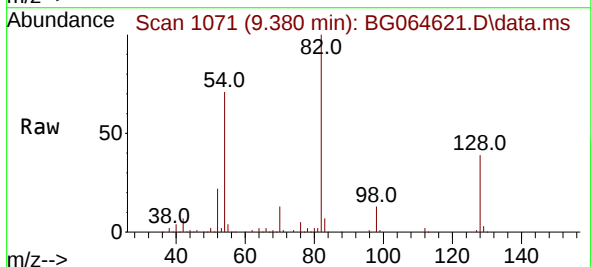
Instrument :
BNA_G
ClientSampleId :
PB170215BL

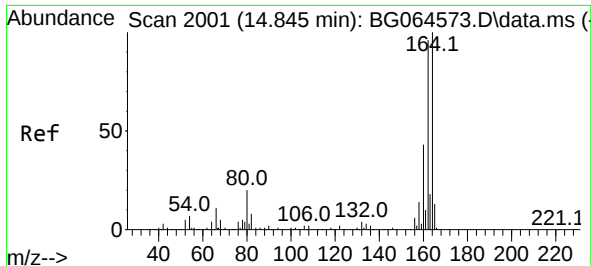
Tgt Ion:	136	Resp:	131027
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	13.2	12.6	19.0
68	6.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 110.106 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:	82	Resp:	240197
Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.3	46.9
54	71.4	56.6	84.8

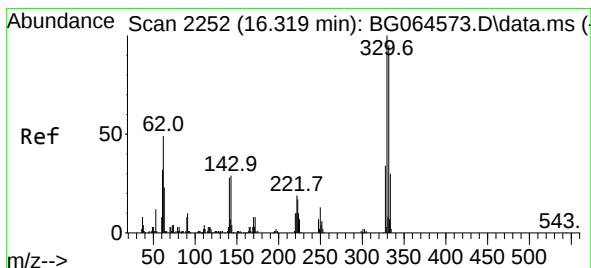
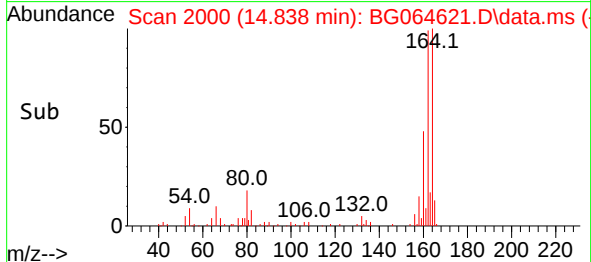
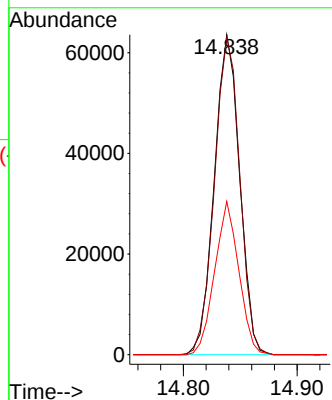
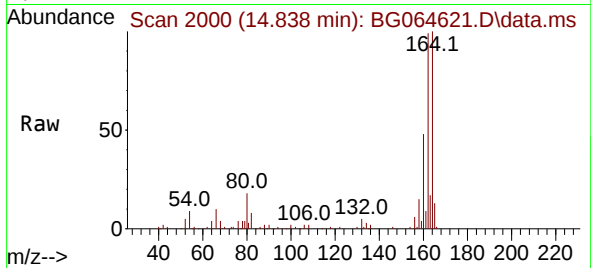




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

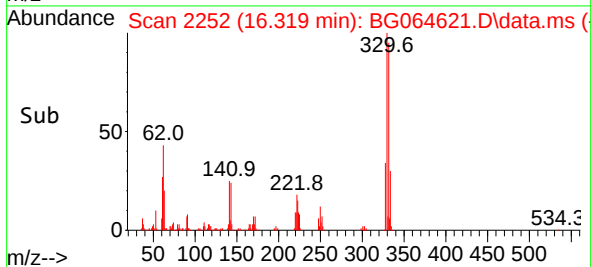
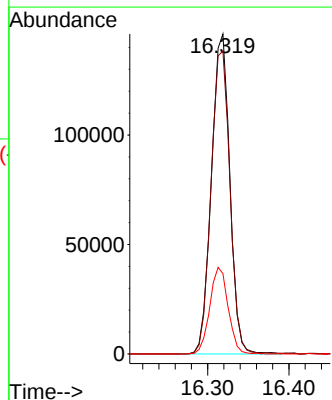
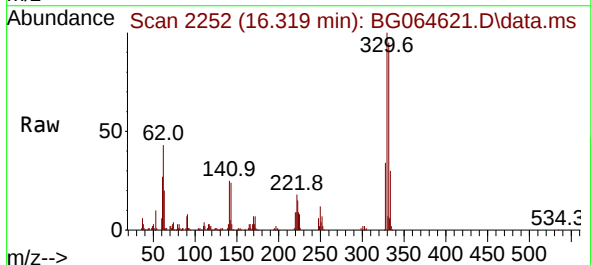
Instrument :
BNA_G
ClientSampleId :
PB170215BL

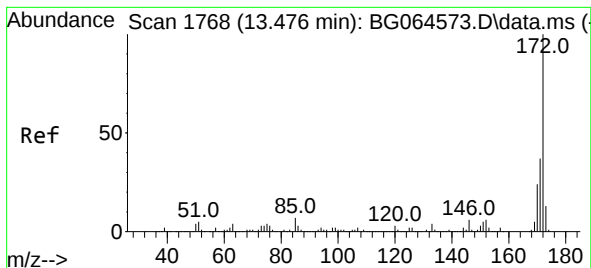
Tgt Ion:164 Resp: 98338
Ion Ratio Lower Upper
164 100
162 99.3 77.0 115.6
160 47.9 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 161.465 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:330 Resp: 229169
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.1 21.8 32.6

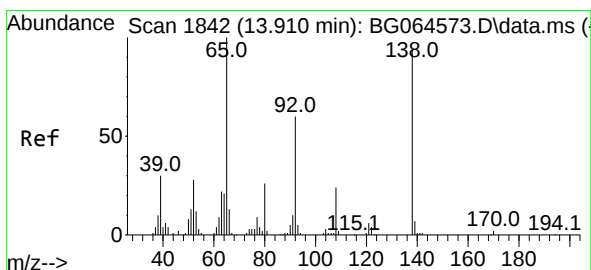
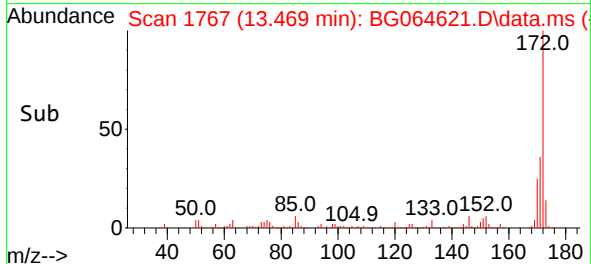
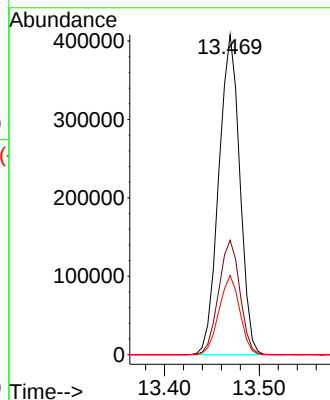
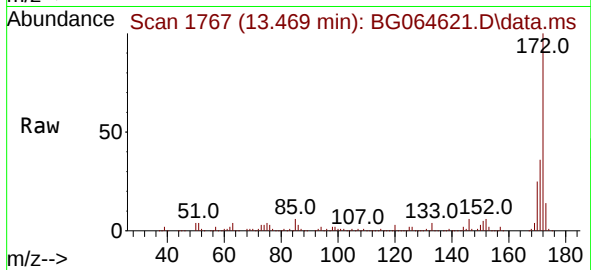




#45
2-Fluorobiphenyl
Concen: 96.817 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

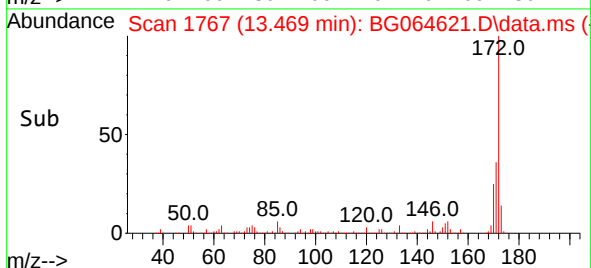
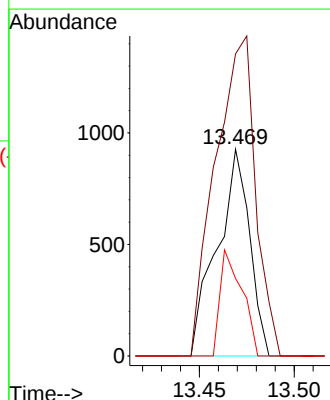
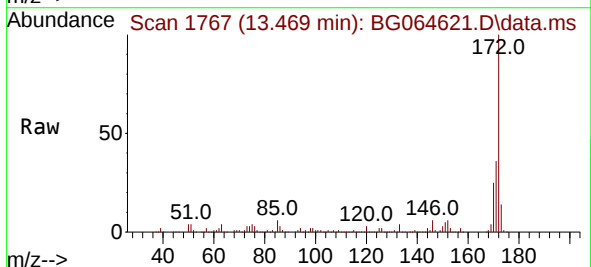
Instrument :
BNA_G
ClientSampleId :
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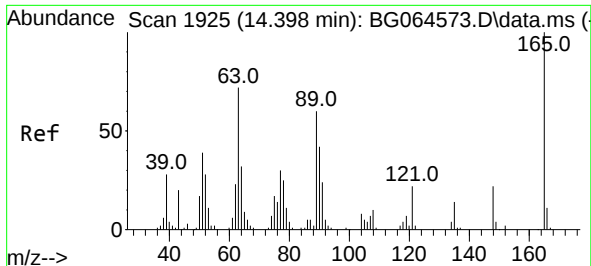
Tgt Ion:172 Resp: 628128
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.8 19.1 28.7



#48
2-Nitroaniline
Concen: 3.808 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.445 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion: 65 Resp: 1107
Ion Ratio Lower Upper
65 100
92 146.2 48.3 72.5#
138 37.4 74.9 112.3#

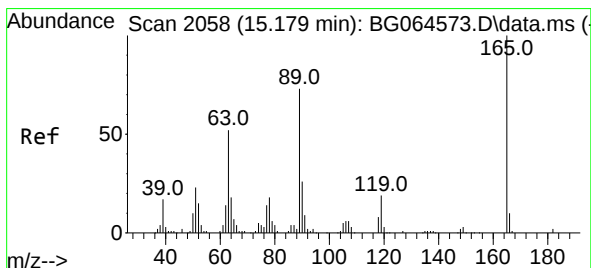
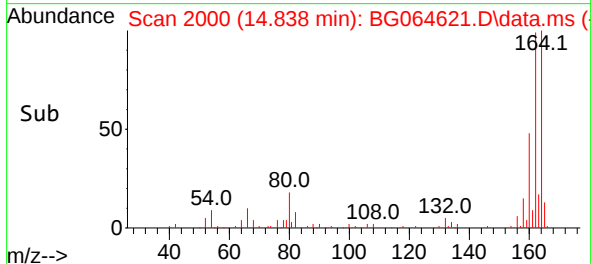
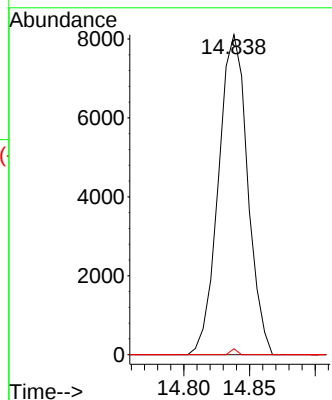
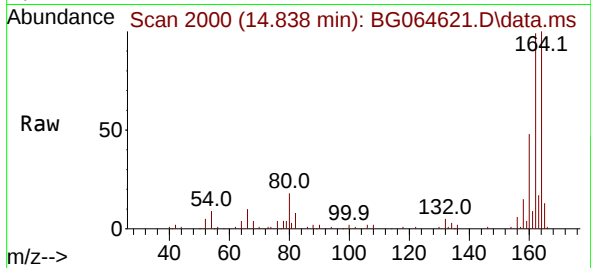




#51
2,6-Dinitrotoluene
Concen: 12.606 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.436 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

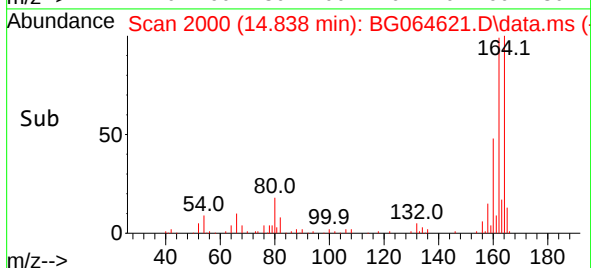
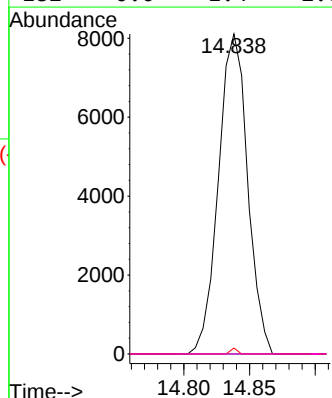
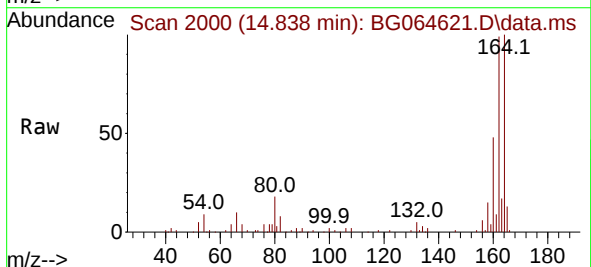
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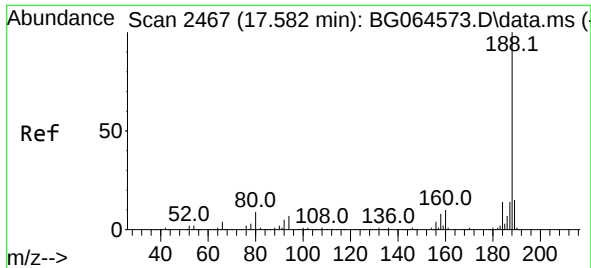
Tgt Ion:165 Resp: 12520
Ion Ratio Lower Upper
165 100
63 0.0 57.4 86.0#
89 1.9 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 9.158 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.351 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:165 Resp: 12520
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.8#
89 1.9 58.1 87.1#
182 0.0 1.4 2.0#

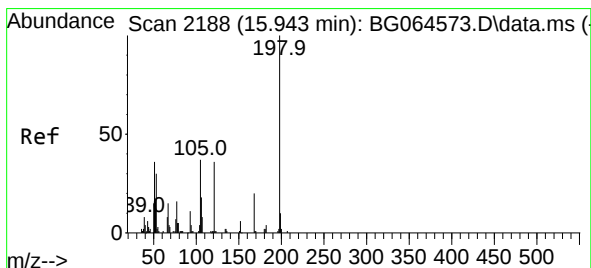
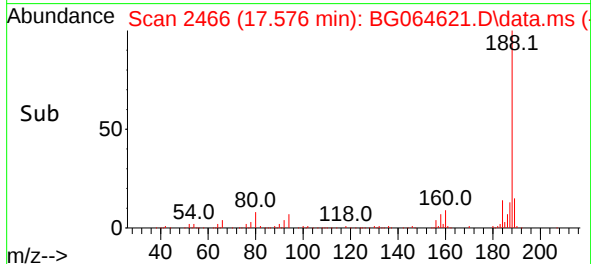
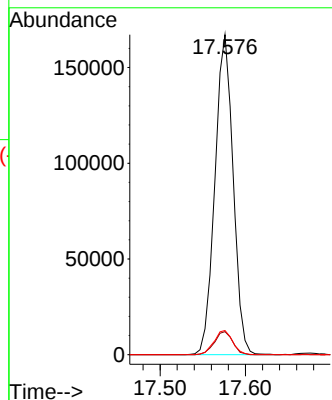
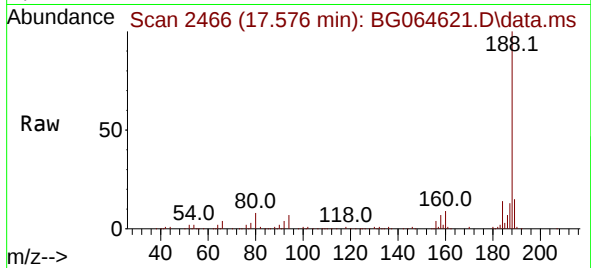




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

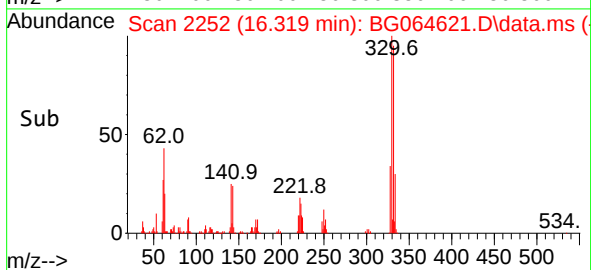
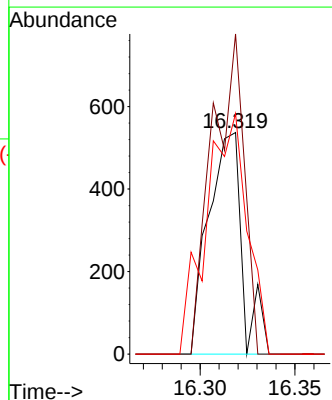
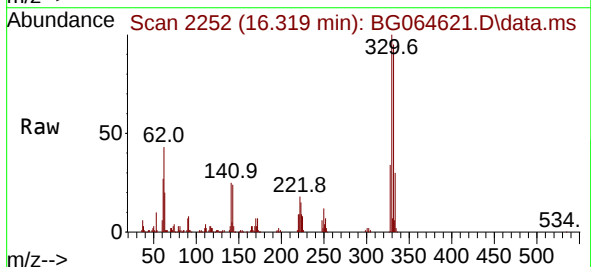
Instrument :
BNA_G
ClientSampleId :
PB170215BL

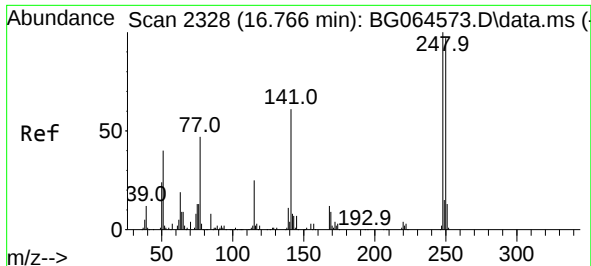
Tgt Ion:188 Resp: 248117
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.6 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.967 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.372 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:198 Resp: 665
Ion Ratio Lower Upper
198 100
51 144.5 24.7 64.7#
105 108.6 18.0 58.0#

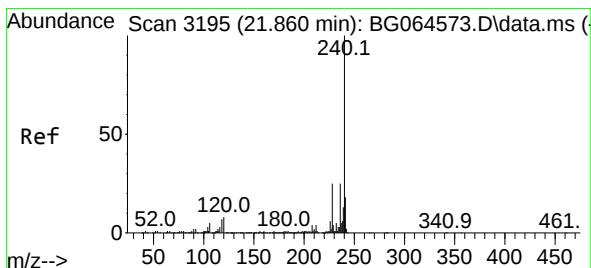
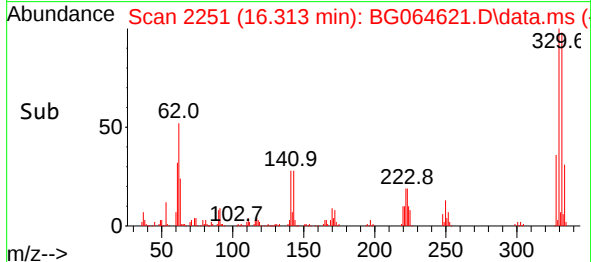
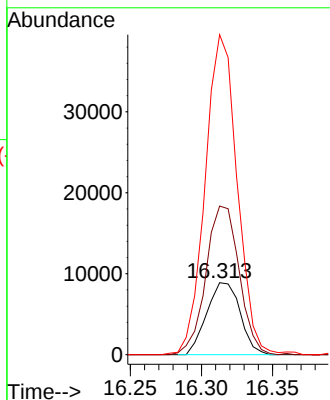
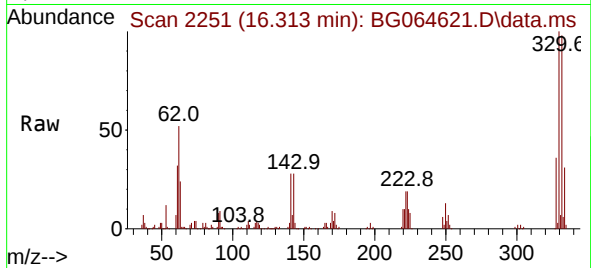




#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.457 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

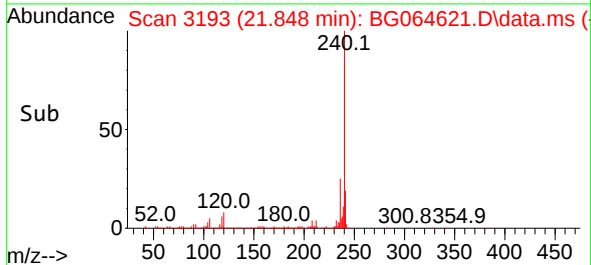
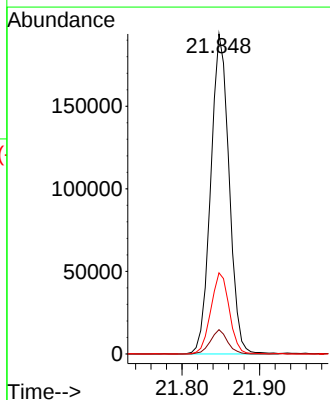
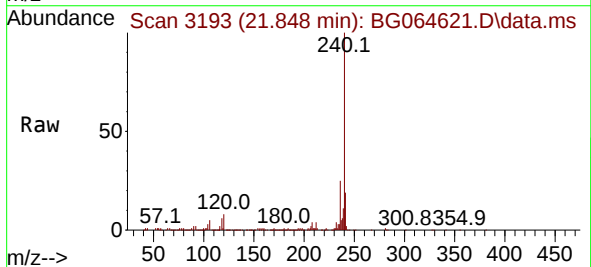
Instrument :
BNA_G
ClientSampleId :
PB170215BL

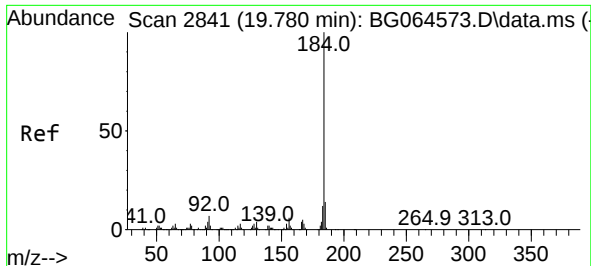
Tgt Ion:248 Resp: 14513
Ion Ratio Lower Upper
248 100
250 203.6 77.7 116.5#
141 328.2 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:240 Resp: 318243
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2

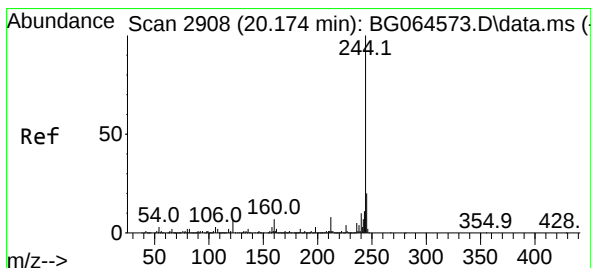
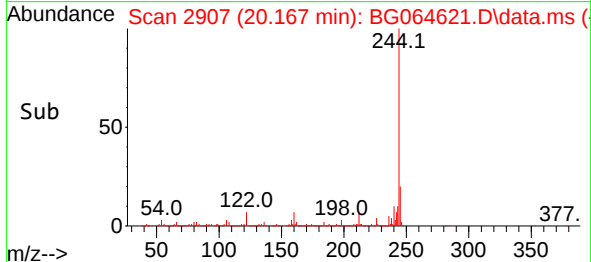
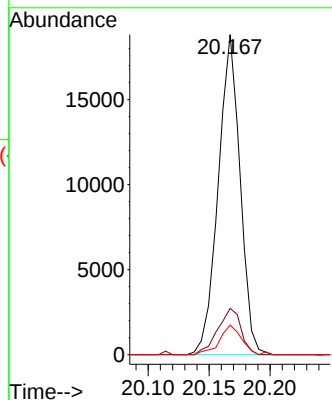
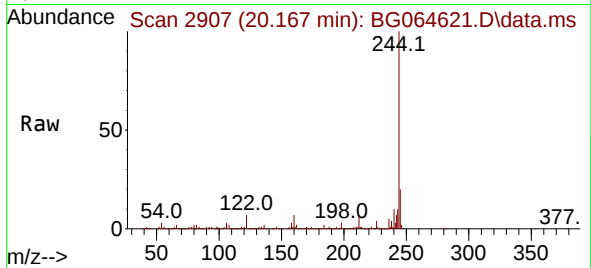




#77
Benzidine
Concen: 3.290 ng
RT: 20.167 min Scan# 2907
Delta R.T. 0.384 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

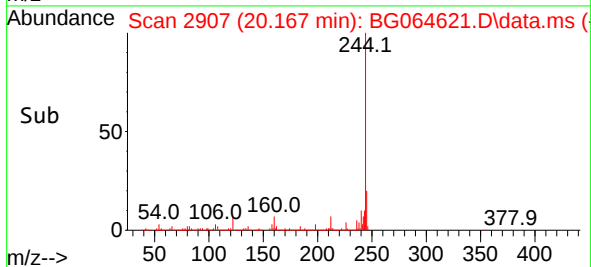
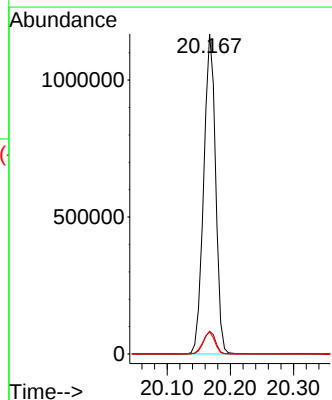
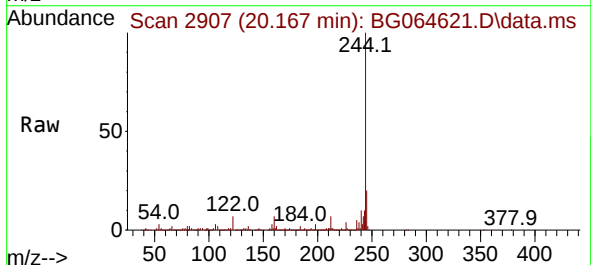
Instrument :
BNA_G
ClientSampleId :
PB170215BL

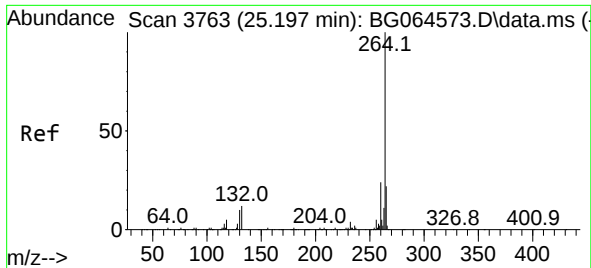
Tgt Ion:184 Resp: 23460
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 9.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.788 ng
RT: 20.167 min Scan# 2907
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

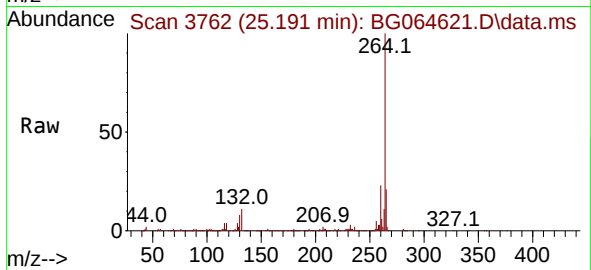
Tgt Ion:244 Resp: 1531012
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 7.0 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG064621.D
 Acq: 29 Oct 2025 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BL



Tgt Ion:264 Resp: 369003

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.4	17.6	26.4

