

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064655.D
 Acq On : 31 Oct 2025 14:04
 Operator : RC/JU
 Sample : PB170342BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 14:53:49 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)

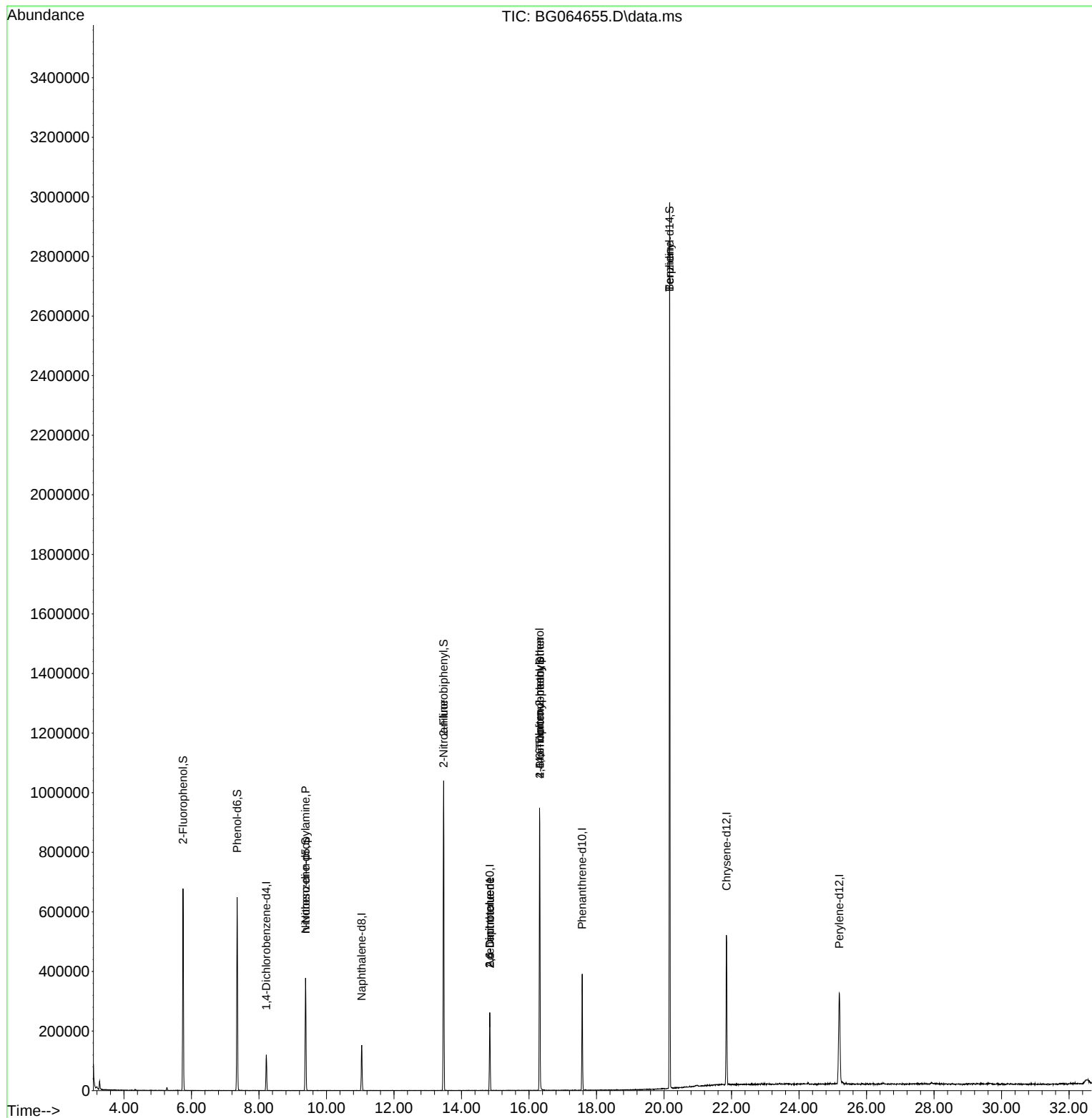
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	32799	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	120221	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	93132	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	243524	20.000	ng	0.00
76) Chrysene-d12	21.848	240	334581	20.000	ng	#-0.02
86) Perylene-d12	25.191	264	373244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	259415	132.756	ng	0.00
7) Phenol-d6	7.353	99	335822	125.242	ng	0.00
23) Nitrobenzene-d5	9.380	82	209957	104.895	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	212546	158.124	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	540998	88.049	ng	0.00
79) Terphenyl-d14	20.167	244	1501270	84.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	28425	15.339	ng	# 68
48) 2-Nitroaniline	13.463	65	931	3.742	ng	# 8
51) 2,6-Dinitrotoluene	14.838	165	11984	12.707	ng	# 19
57) 2,4-Dinitrotoluene	14.838	165	11984	9.224	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.313	198	393	5.752	ng	# 1
67) 4-Bromophenyl-phenylether	16.319	248	13460	4.664	ng	# 1
77) Benzidine	20.167	184	22763	3.037	ng	# 89

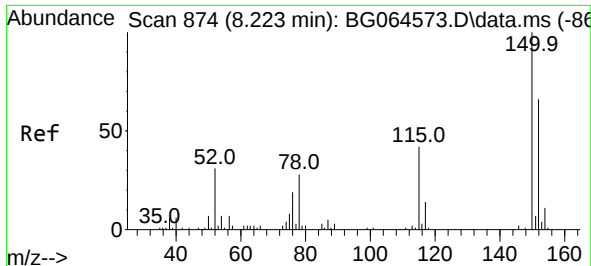
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064655.D
Acq On : 31 Oct 2025 14:04
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

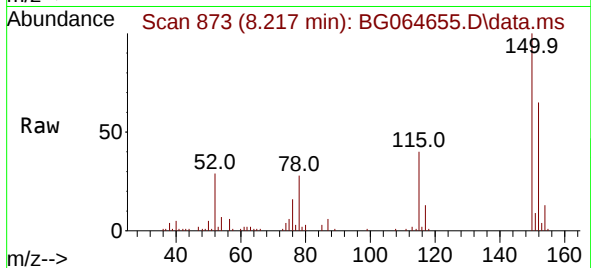
Quant Time: Oct 31 14:53:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



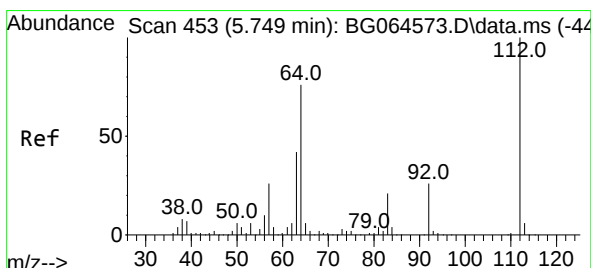
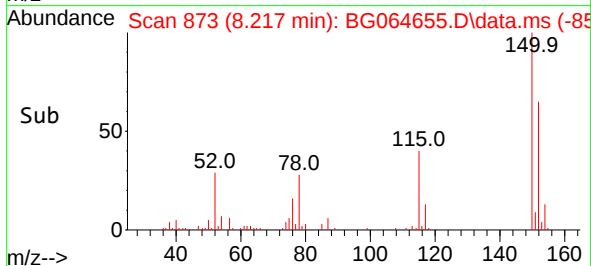
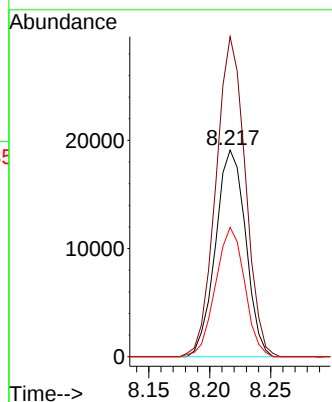


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Instrument :
BNA_G
ClientSampleId :

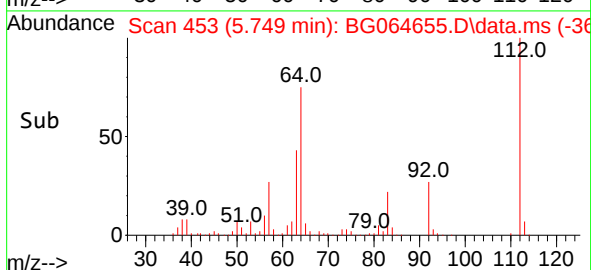
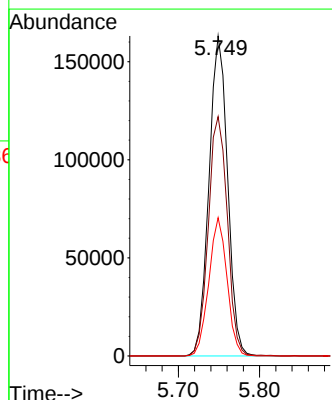
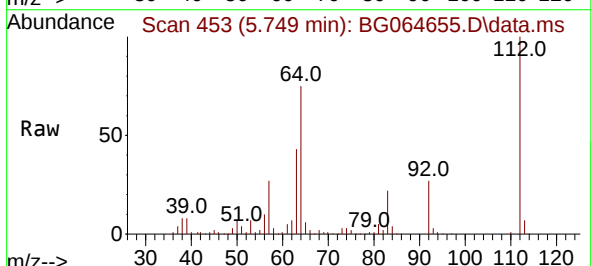


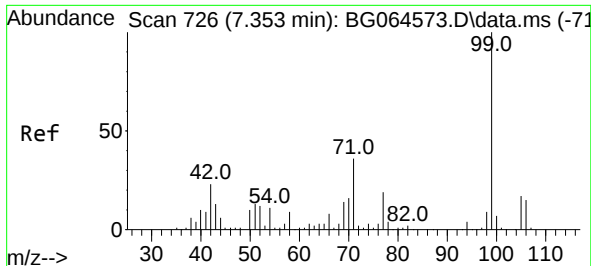
Tgt Ion:152 Resp: 32799
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 62.6 50.8 76.2



#5
2-Fluorophenol
Concen: 132.756 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

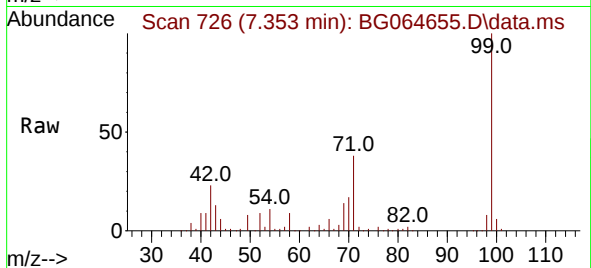
Tgt Ion:112 Resp: 259415
Ion Ratio Lower Upper
112 100
64 74.8 60.7 91.1
63 43.2 33.4 50.0



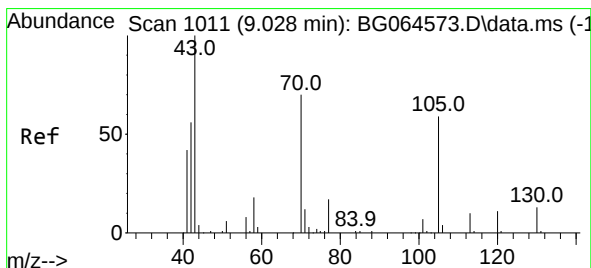
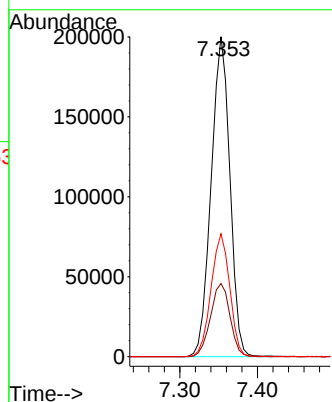
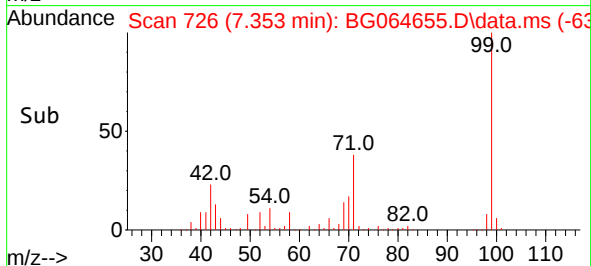


#7
Phenol-d6
Concen: 125.242 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

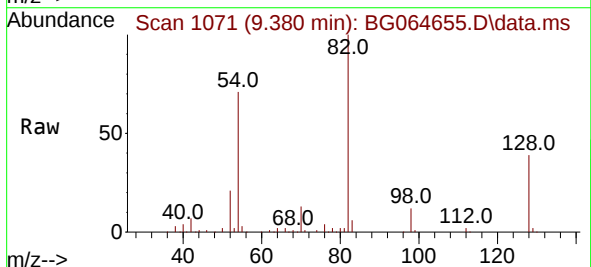
Instrument :
BNA_G
ClientSampleId :



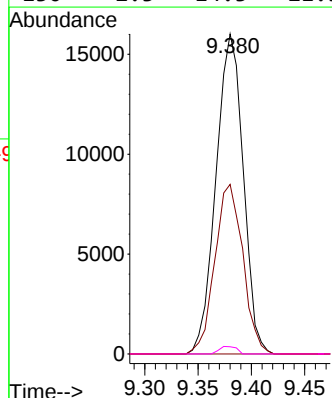
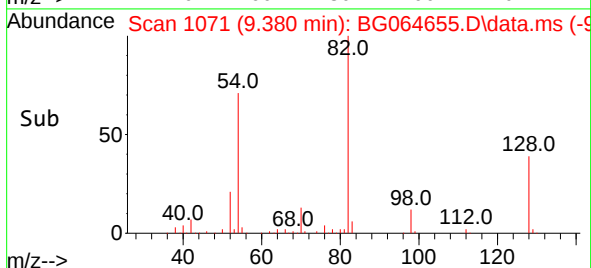
Tgt Ion: 99 Resp: 335822
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 38.4 28.6 43.0

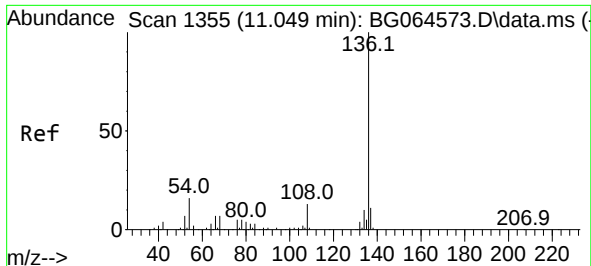


#19
n-Nitroso-di-n-propylamine
Concen: 15.339 ng
RT: 9.380 min Scan# 1071
Delta R.T. 0.349 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04



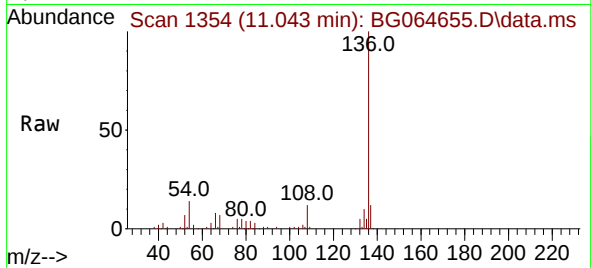
Tgt Ion: 70 Resp: 28425
Ion Ratio Lower Upper
70 100
42 53.0 65.2 97.8#
101 0.0 7.9 11.9#
130 2.3 14.3 21.5#



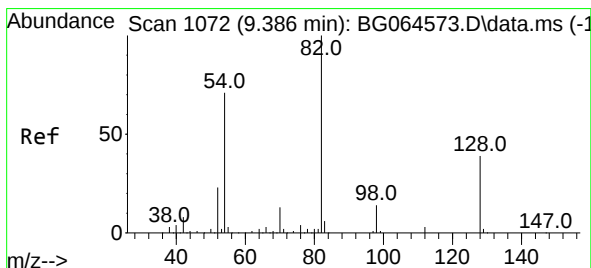
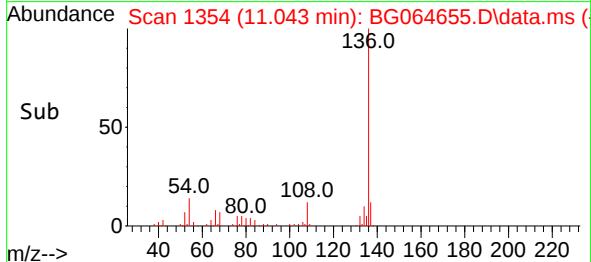
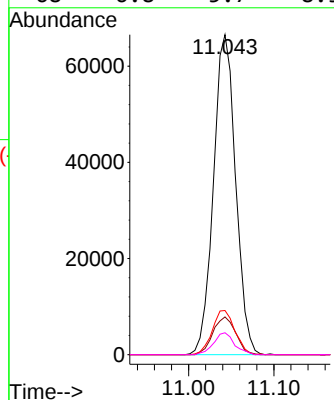


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Instrument :
BNA_G
ClientSampleId :

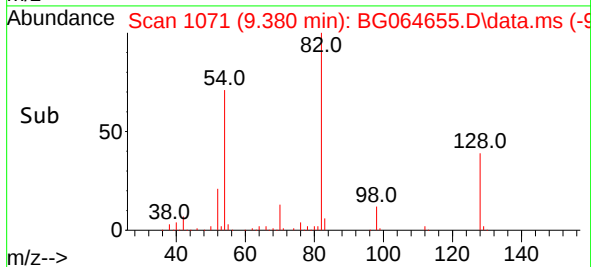
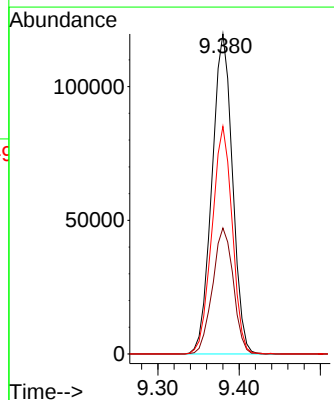
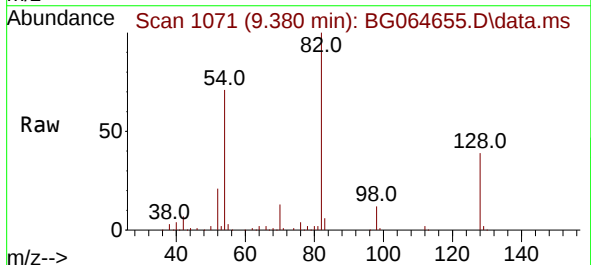


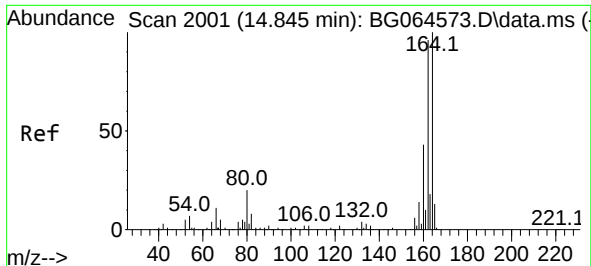
Tgt	Ion:136	Resp:	120221
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	13.8	12.6	19.0
68	6.8	5.7	8.5



#23
Nitrobenzene-d5
Concen: 104.895 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.010 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion: 82	Resp: 209957
Ion Ratio	Lower Upper
82 100	
128 39.3	31.3 46.9
54 71.1	56.6 84.8

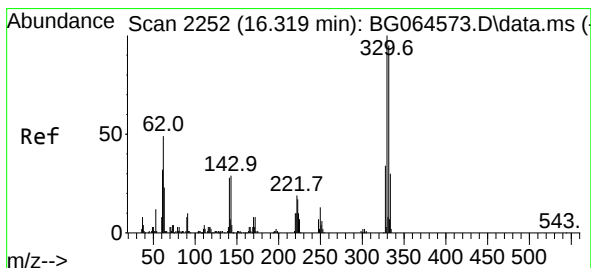
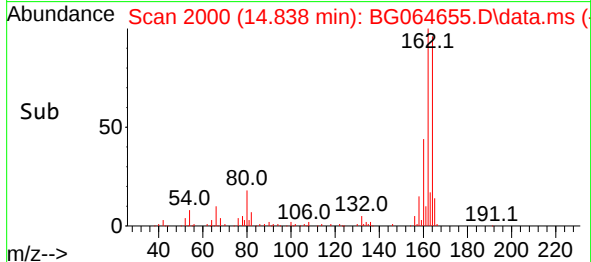
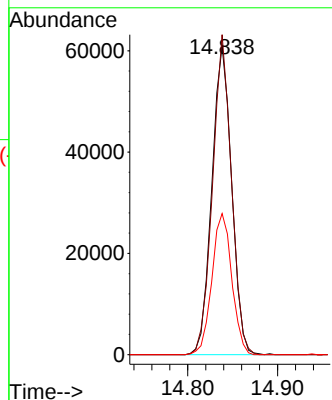
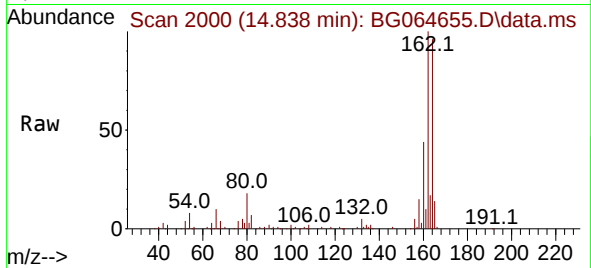




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

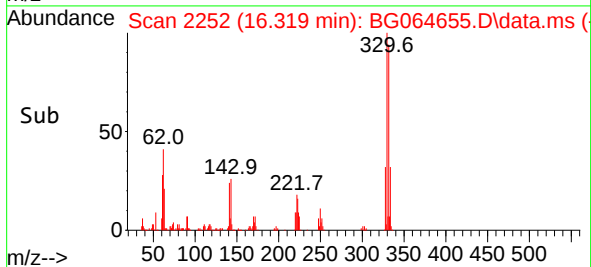
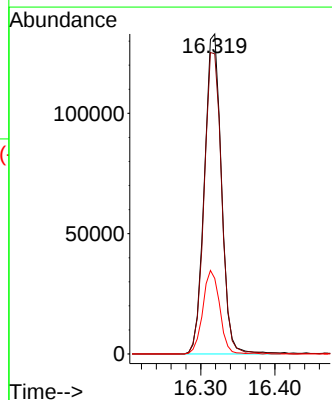
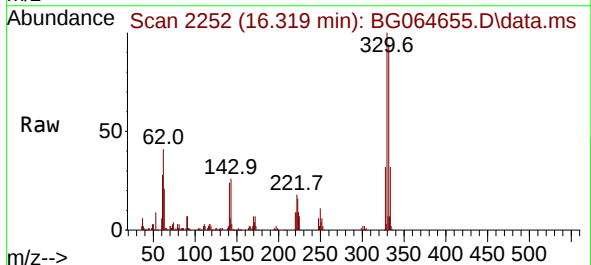
Instrument :
BNA_G
ClientSampleId :

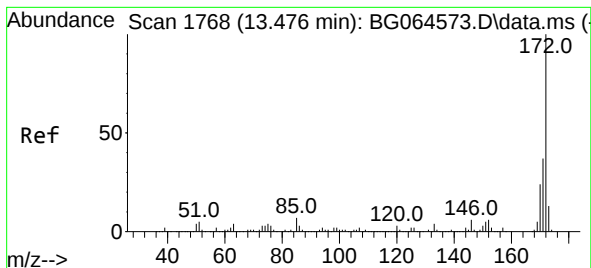
Tgt Ion:164 Resp: 93132
Ion Ratio Lower Upper
164 100
162 103.8 77.0 115.6
160 45.8 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 158.124 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

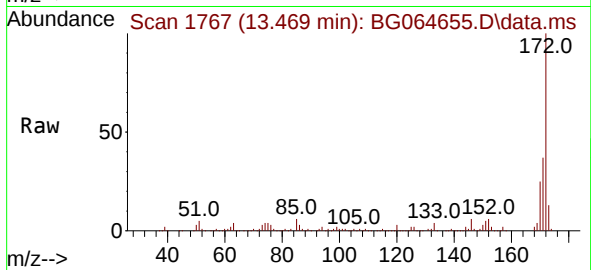
Tgt Ion:330 Resp: 212546
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 25.8 21.8 32.6



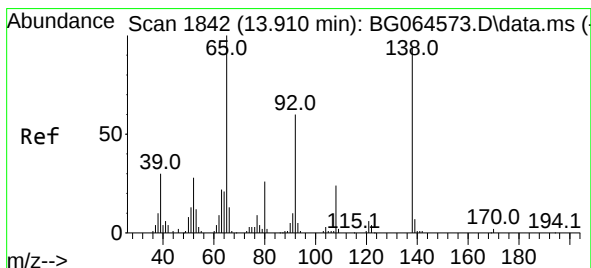
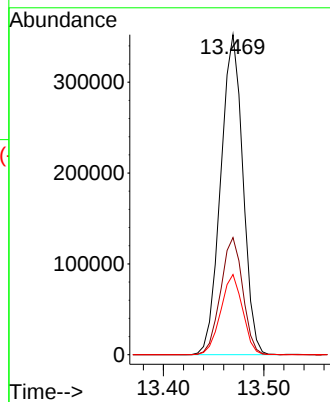
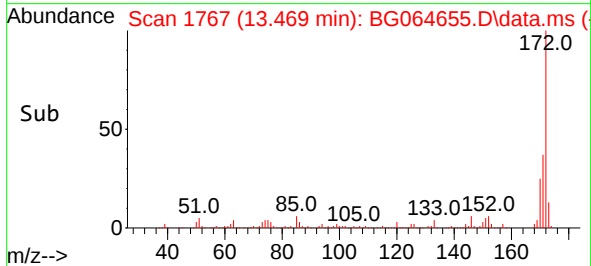


#45
2-Fluorobiphenyl
Concen: 88.049 ng
RT: 13.469 min Scan# 1766
Delta R.T. -0.010 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Instrument :
BNA_G
ClientSampleId :

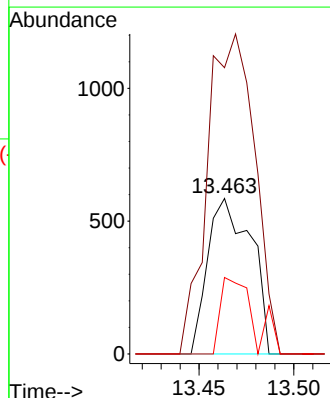
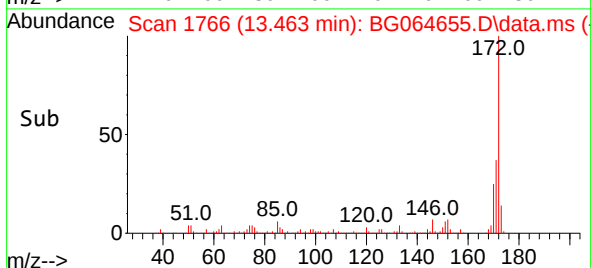
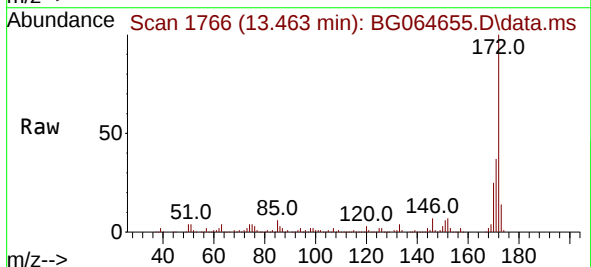


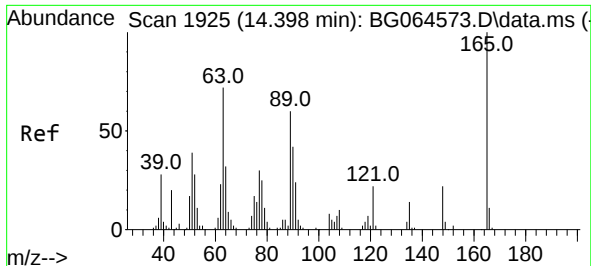
Tgt Ion:172 Resp: 540998
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.1 19.1 28.7



#48
2-Nitroaniline
Concen: 3.742 ng
RT: 13.463 min Scan# 1766
Delta R.T. -0.451 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion: 65 Resp: 931
Ion Ratio Lower Upper
65 100
92 184.0 48.3 72.5#
138 49.1 74.9 112.3#

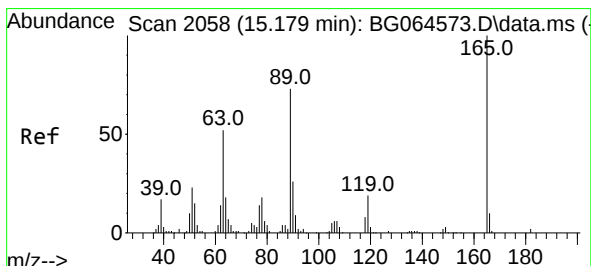
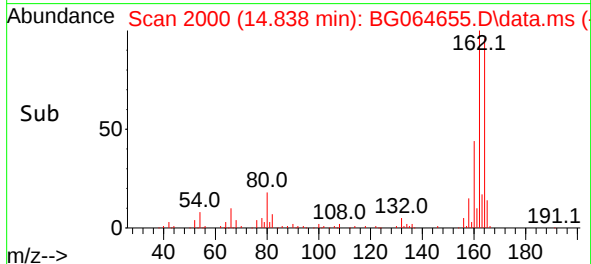
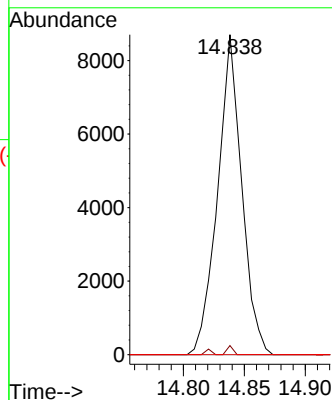
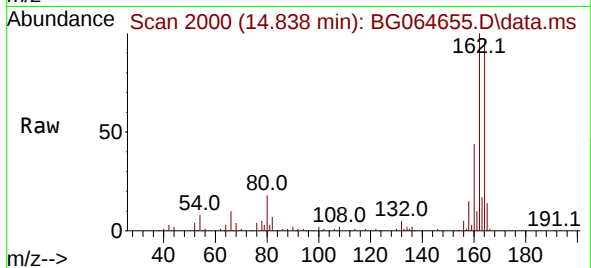




#51
2,6-Dinitrotoluene
Concen: 12.707 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.436 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

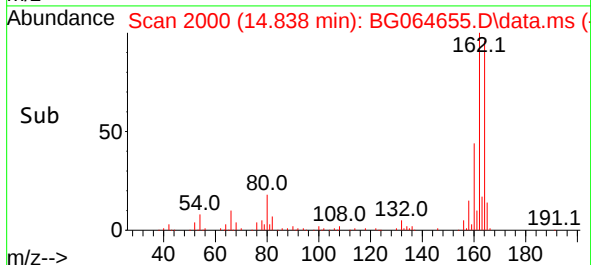
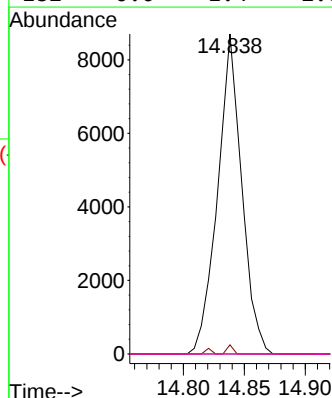
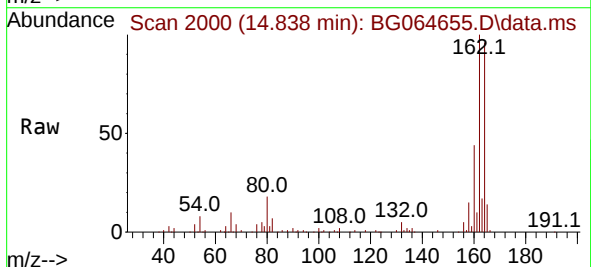
Instrument :
BNA_G
ClientSampleId :

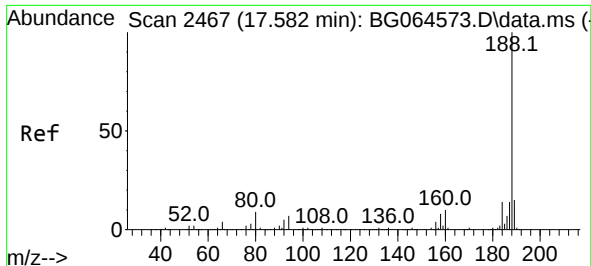
Tgt Ion:165 Resp: 11984
Ion Ratio Lower Upper
165 100
63 2.9 57.4 86.0#
89 0.0 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 9.224 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.351 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion:165 Resp: 11984
Ion Ratio Lower Upper
165 100
63 2.9 41.8 62.8#
89 0.0 58.1 87.1#
182 0.0 1.4 2.0#

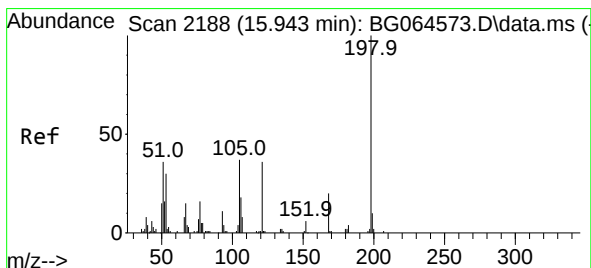
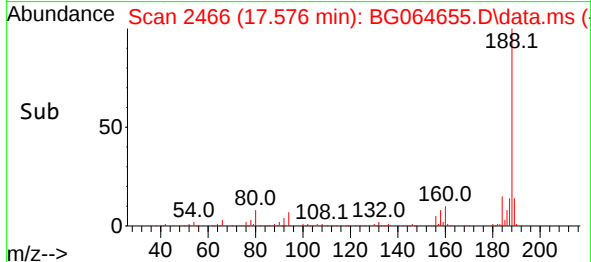
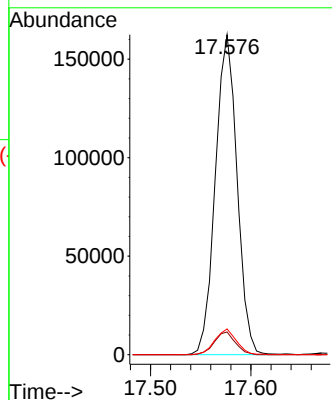
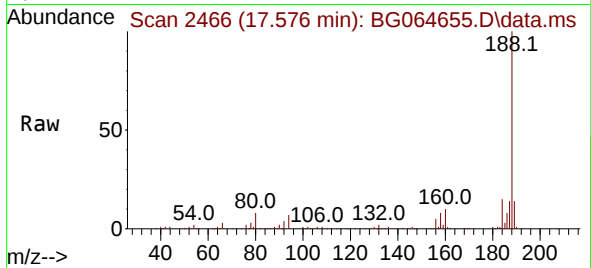




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

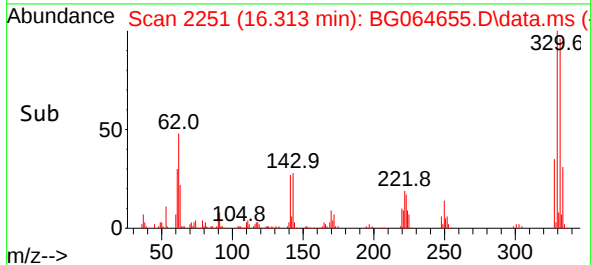
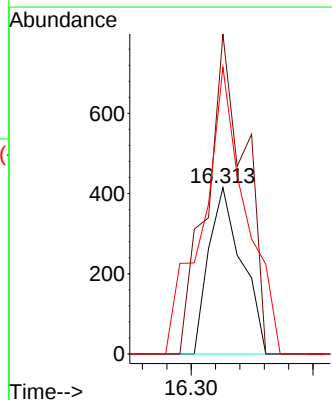
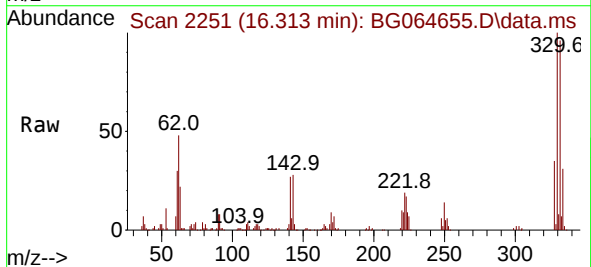
Instrument :
BNA_G
ClientSampleId :

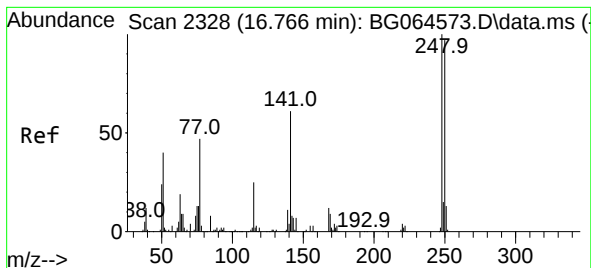
Tgt Ion:188 Resp: 243524
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.1 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.752 ng
RT: 16.313 min Scan# 2251
Delta R.T. 0.366 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

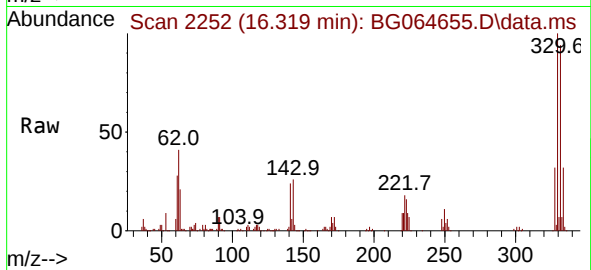
Tgt Ion:198 Resp: 393
Ion Ratio Lower Upper
198 100
51 192.3 24.7 64.7#
105 172.3 18.0 58.0#



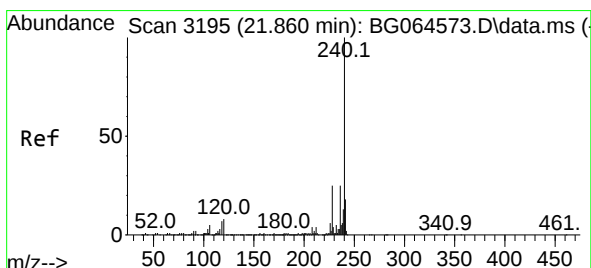
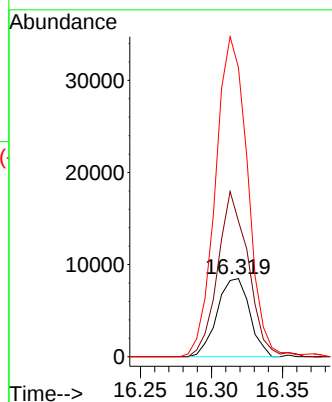
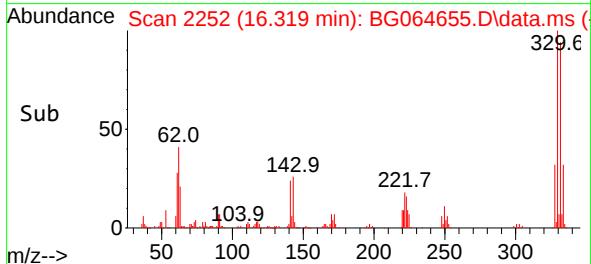


#67
4-Bromophenyl-phenylether
Concen: 4.664 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Instrument :
BNA_G
ClientSampleId :

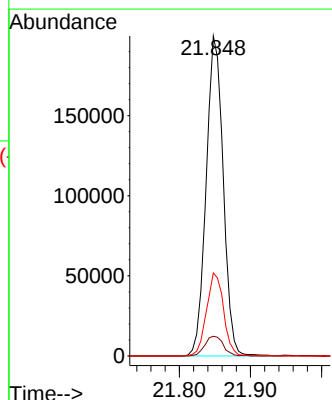
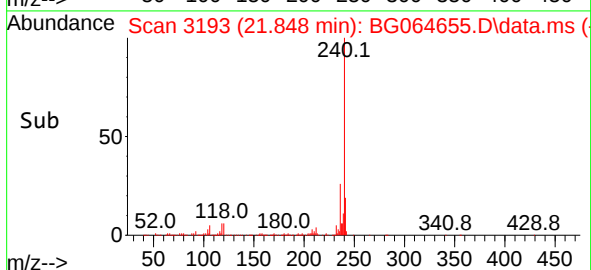
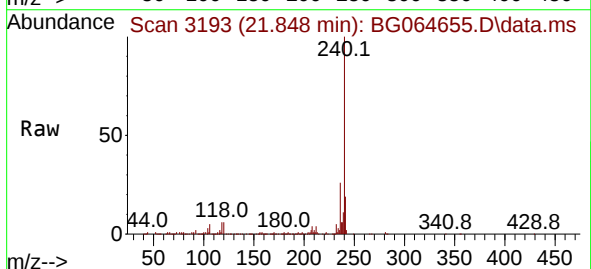


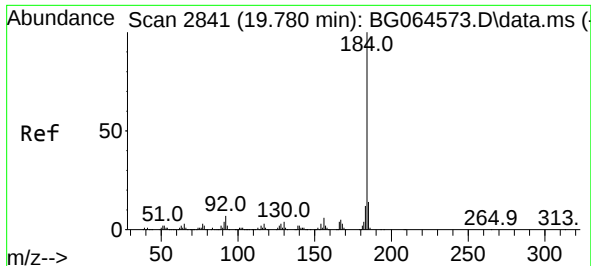
Tgt Ion:248 Resp: 13460
Ion Ratio Lower Upper
248 100
250 233.7 77.7 116.5#
141 370.2 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion:240 Resp: 334581
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 25.9 20.2 30.2

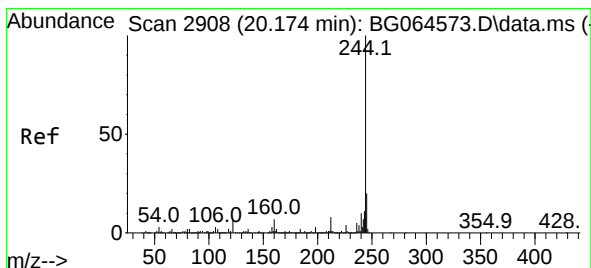
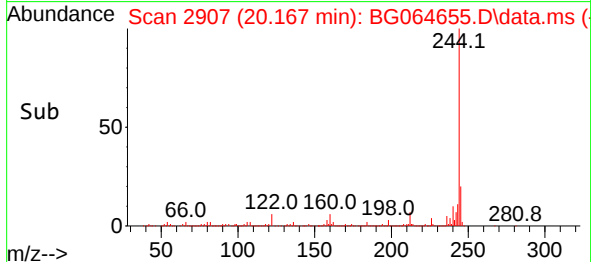
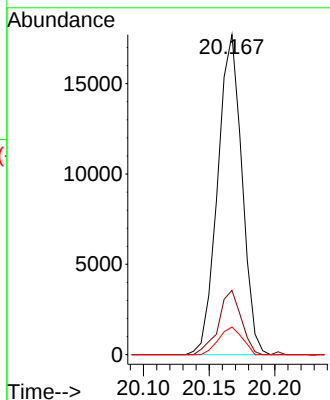
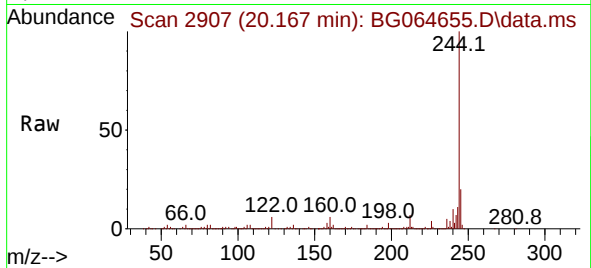




#77
Benzidine
Concen: 3.037 ng
RT: 20.167 min Scan# 2907
Delta R.T. 0.384 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

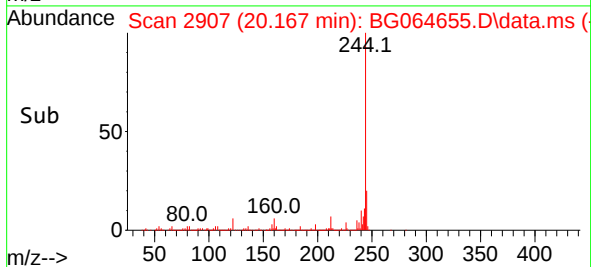
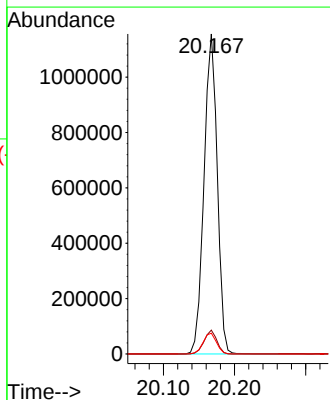
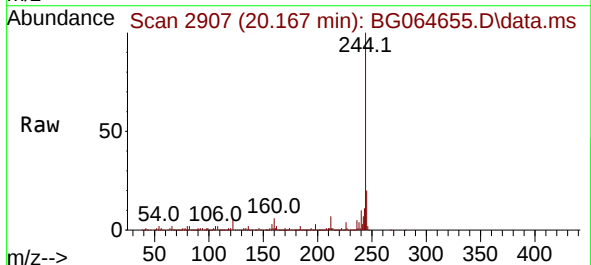
Instrument :
BNA_G
ClientSampleId :

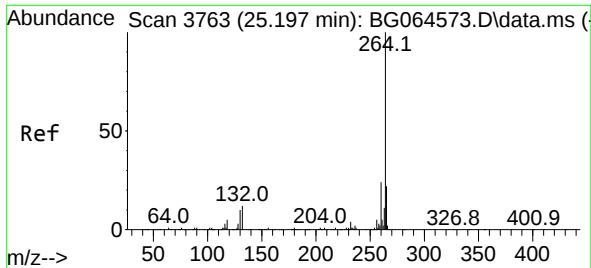
Tgt Ion:184 Resp: 22763
Ion Ratio Lower Upper
184 100
185 20.1 11.4 17.2#
183 8.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.677 ng
RT: 20.167 min Scan# 2907
Delta R.T. -0.010 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

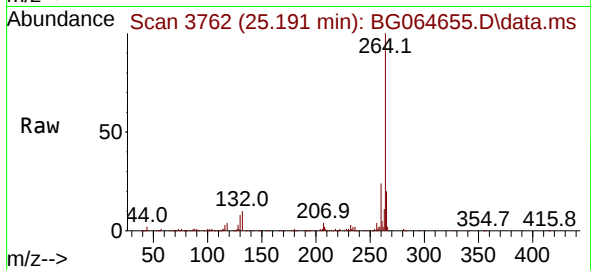
Tgt Ion:244 Resp: 1501270
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.5 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG064655.D
 Acq: 31 Oct 2025 14:04

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 373244

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.1	17.6	26.4

