

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102325\
 Data File : BG064567.D
 Acq On : 23 Oct 2025 17:08
 Operator : RC/JU
 Sample : PB170180BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170180BL

Quant Time: Oct 23 18:05:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 23 16:51:07 2025
 Response via : Initial Calibration

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

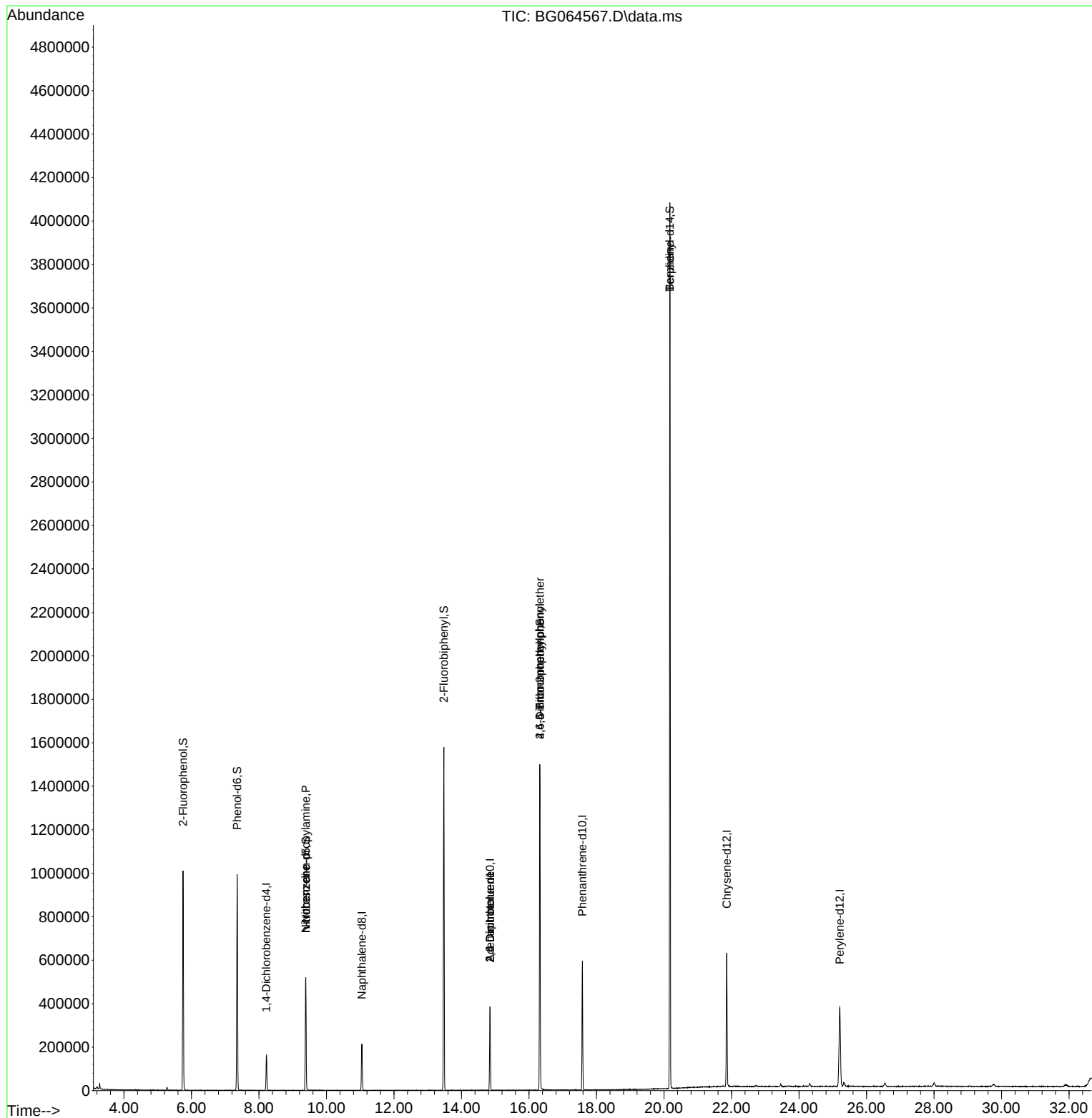
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	44203	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	172160	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	137295	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	372824	20.000	ng	0.00
76) Chrysene-d12	21.860	240	408651	20.000	ng	0.00
86) Perylene-d12	25.209	264	439459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	389598	151.569	ng	0.00
7) Phenol-d6	7.353	99	528322	146.798	ng	0.00
23) Nitrobenzene-d5	9.386	82	277884	98.335	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	314688	168.432	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	828613	92.553	ng	0.00
79) Terphenyl-d14	20.173	244	2043359	96.004	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.386	70	38180	15.201	ng	# 75
24) Nitrobenzene	9.386	77	778	3.208	ng	# 32
51) 2,6-Dinitrotoluene	14.844	165	17918	17.470	ng	# 19
57) 2,4-Dinitrotoluene	14.844	165	17918	8.883	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.325	198	827	3.938	ng	# 1
67) 4-Bromophenyl-phenylether	16.319	248	20629	4.703	ng	# 1
77) Benizidine	20.173	184	31944	3.276	ng	# 93

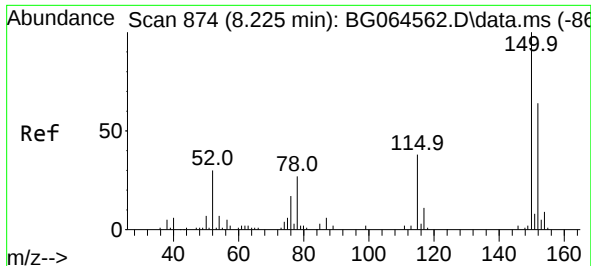
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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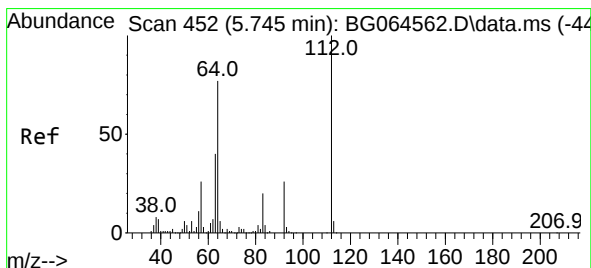
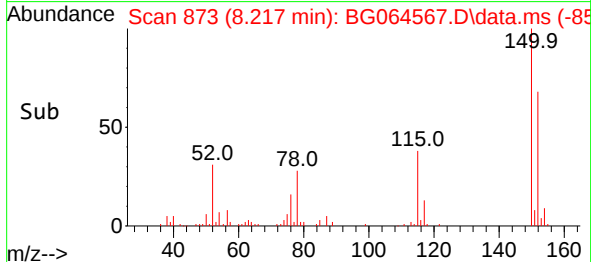
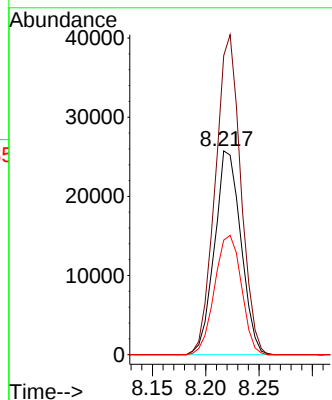
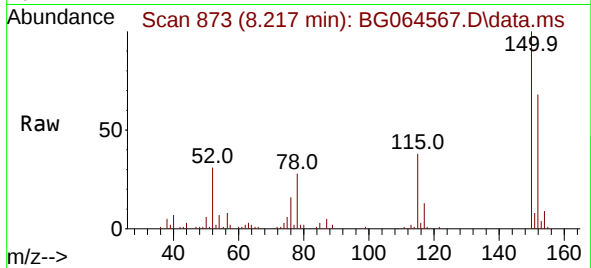




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

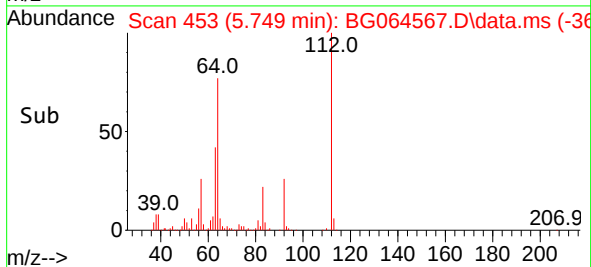
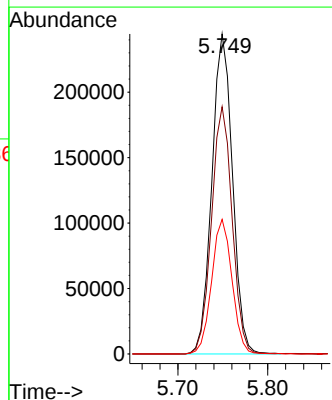
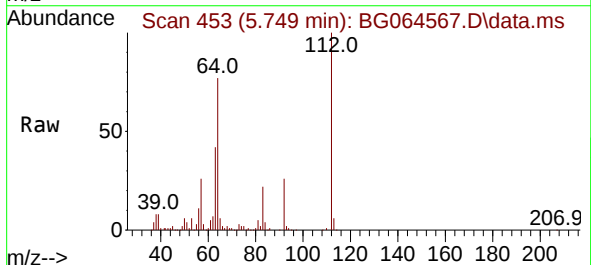
Instrument :
BNA_G
ClientSampleId :
PB170180BL

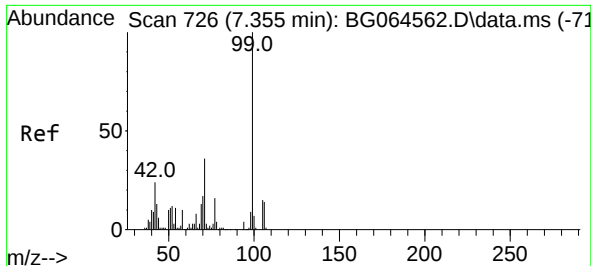
Tgt Ion:152 Resp: 44203
Ion Ratio Lower Upper
152 100
150 146.7 125.7 188.5
115 56.2 47.8 71.8



#5
2-Fluorophenol
Concen: 151.569 ng
RT: 5.749 min Scan# 453
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

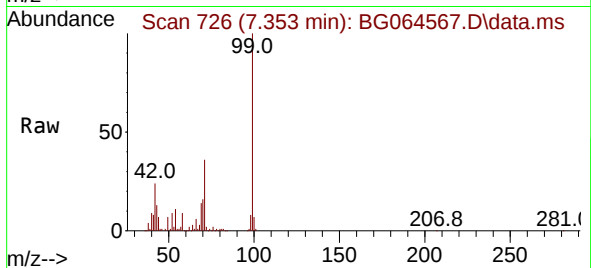
Tgt Ion:112 Resp: 389598
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.2
63 42.1 32.0 48.0



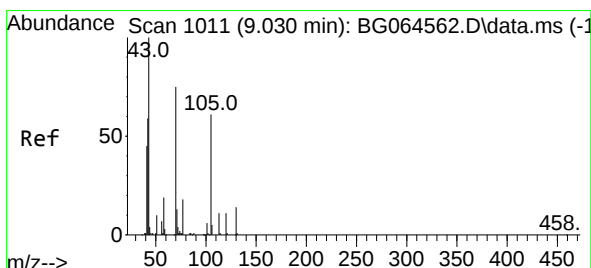
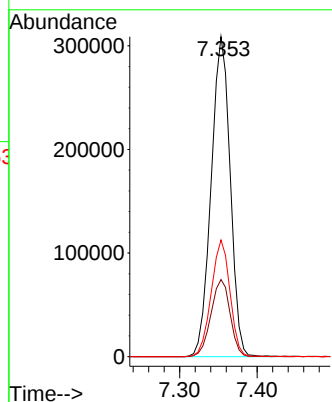
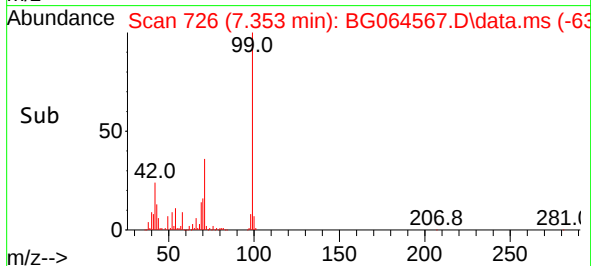


#7
Phenol-d6
Concen: 146.798 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

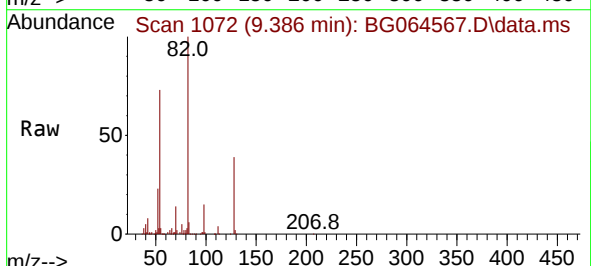
Instrument :
BNA_G
ClientSampleId :
PB170180BL



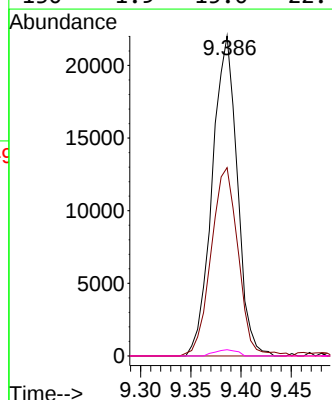
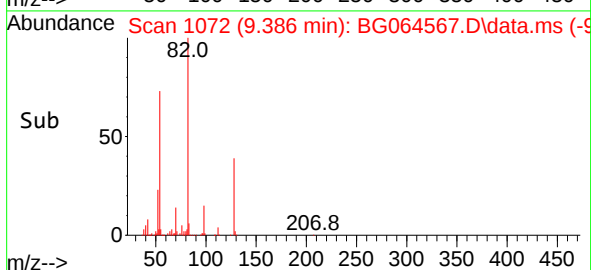
Tgt Ion:	99	Resp:	528322
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.1	28.7
71	36.5	29.0	43.4

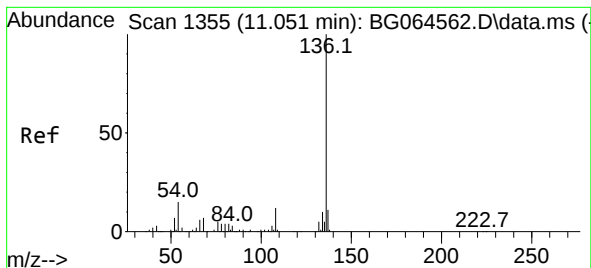


#19
n-Nitroso-di-n-propylamine
Concen: 15.201 ng
RT: 9.386 min Scan# 1072
Delta R.T. 0.352 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08



Tgt Ion:	70	Resp:	38180
Ion	Ratio	Lower	Upper
70	100		
42	58.8	63.1	94.7#
101	0.0	6.4	9.6#
130	1.9	15.0	22.4#

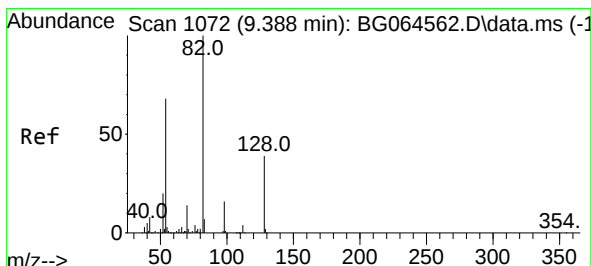
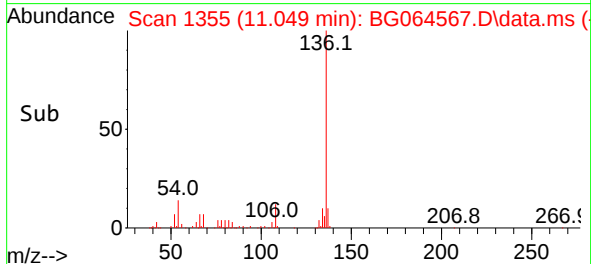
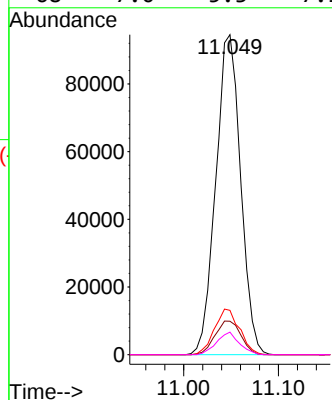
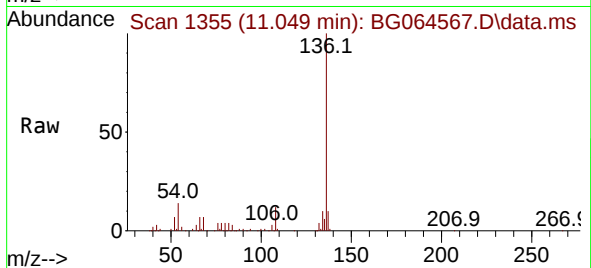




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

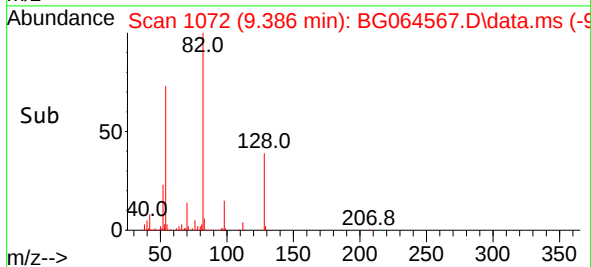
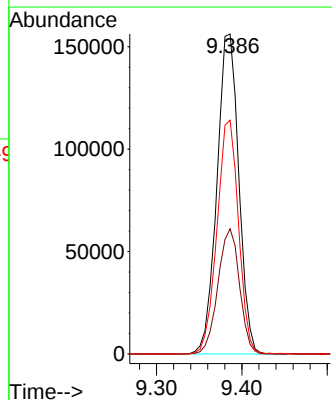
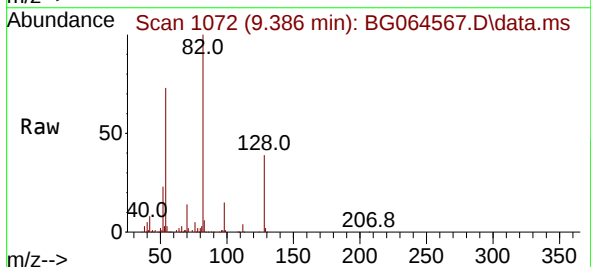
Instrument :
BNA_G
ClientSampleId :
PB170180BL

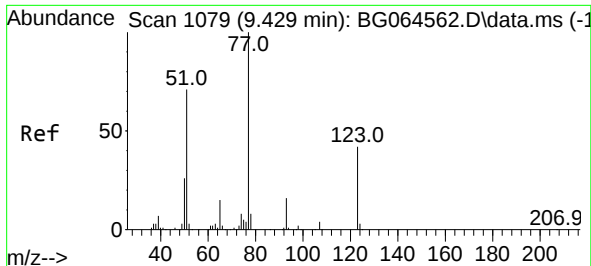
Tgt Ion:	136	Resp:	172160
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	13.8	12.8	19.2
68	7.0	5.3	7.9



#23
Nitrobenzene-d5
Concen: 98.335 ng
RT: 9.386 min Scan# 1072
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Tgt Ion:	82	Resp:	277884
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.7	46.1
54	73.0	54.2	81.2

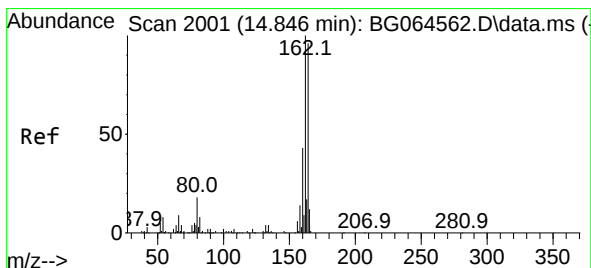
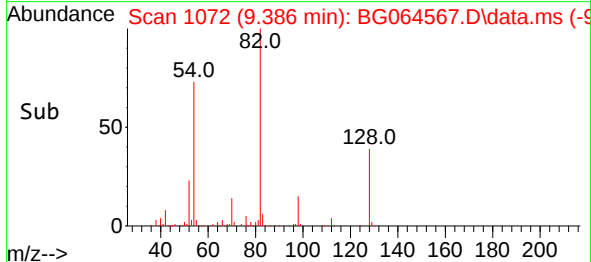
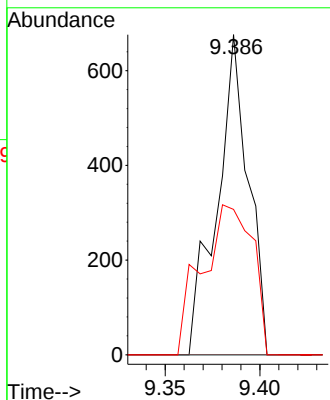
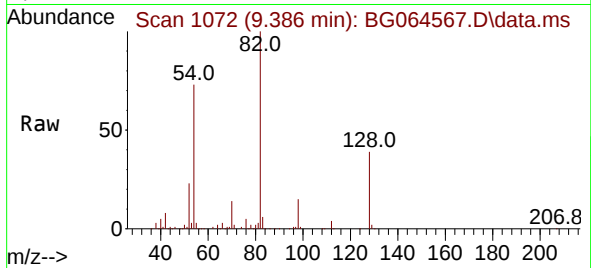




#24
Nitrobenzene
Concen: 3.208 ng
RT: 9.386 min Scan# 1079
Delta R.T. -0.048 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

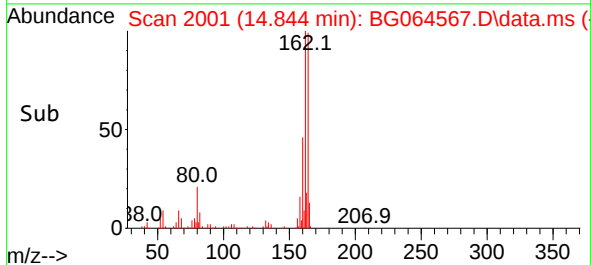
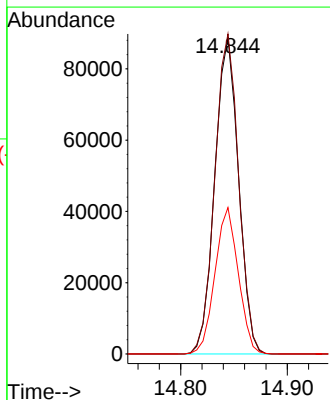
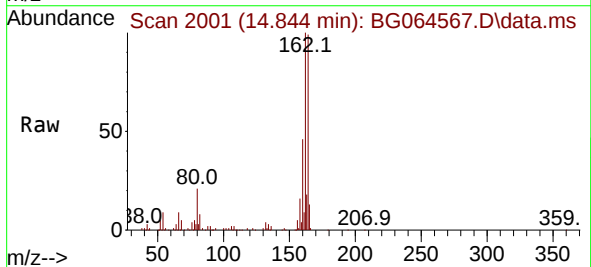
Instrument :
BNA_G
ClientSampleId :
PB170180BL

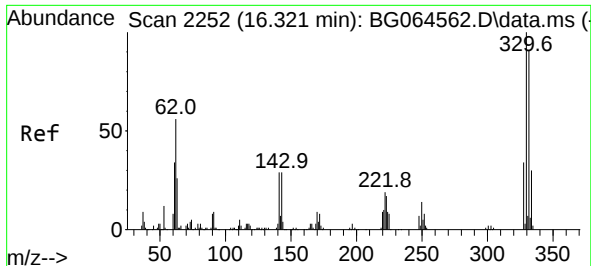
Tgt Ion: 77 Resp: 778
Ion Ratio Lower Upper
77 100
123 0.0 33.3 49.9#
65 45.4 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Tgt Ion:164 Resp: 137295
Ion Ratio Lower Upper
164 100
162 101.0 83.4 125.2
160 46.2 35.8 53.6

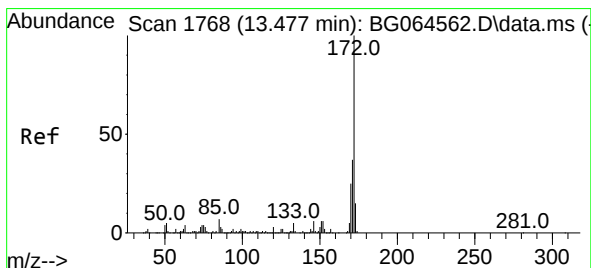
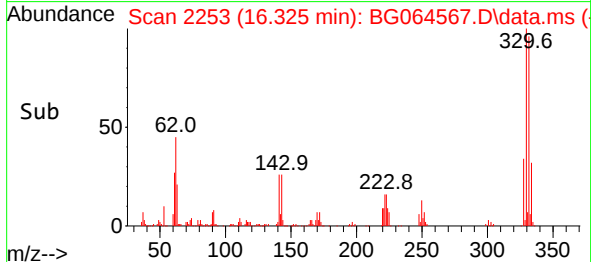
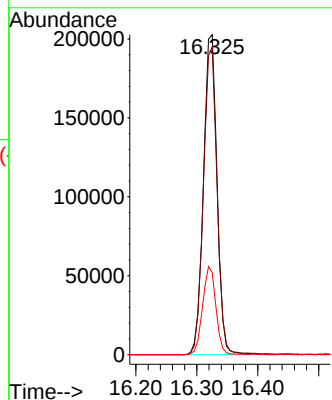
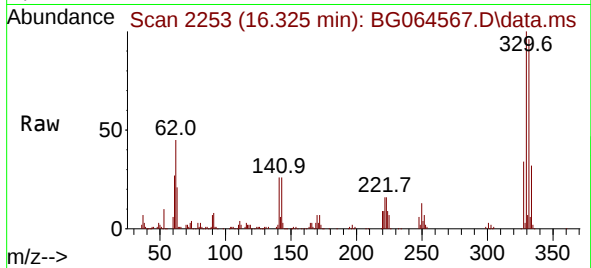




#42
2,4,6-Tribromophenol
Concen: 168.432 ng
RT: 16.325 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

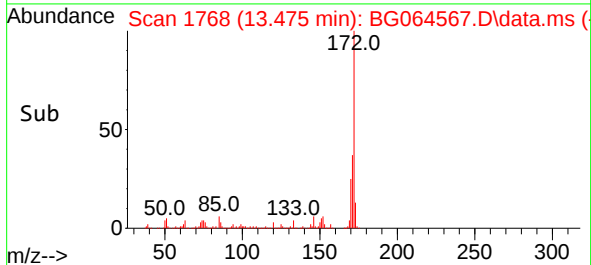
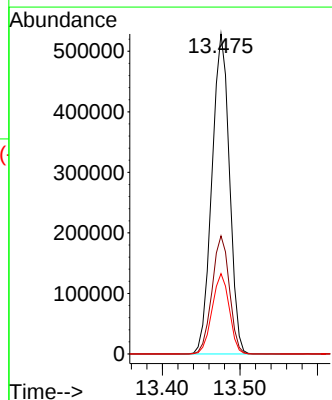
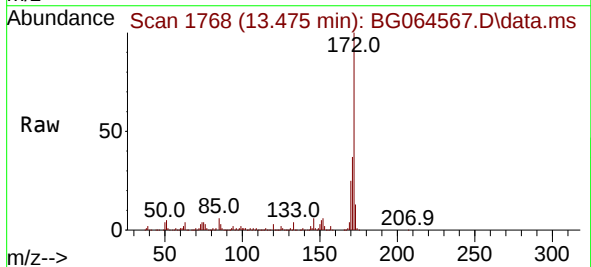
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BNA_G
ClientSampleId :
PB170180BL

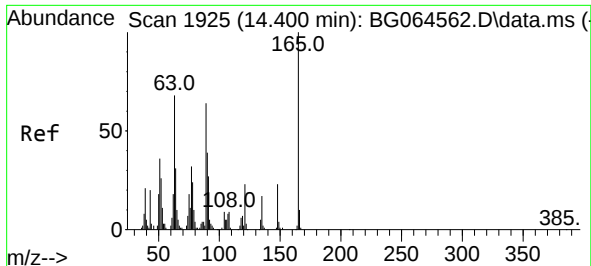
Tgt Ion:330 Resp: 314688
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 26.9 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 92.553 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Tgt Ion:172 Resp: 828613
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.1 20.1 30.1

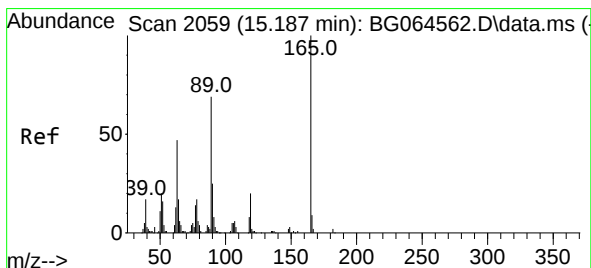
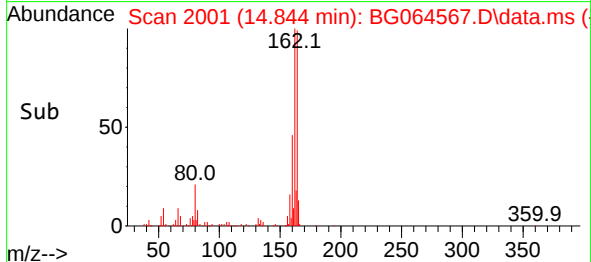
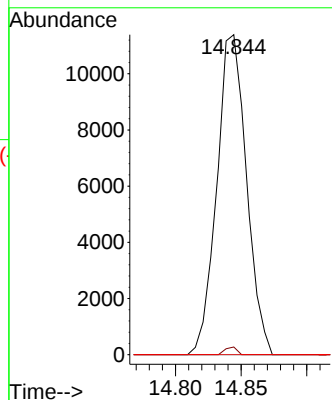
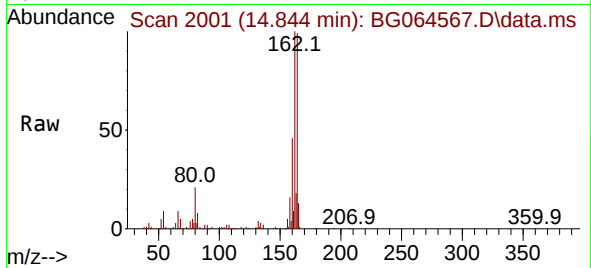




#51
2,6-Dinitrotoluene
Concen: 17.470 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.439 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

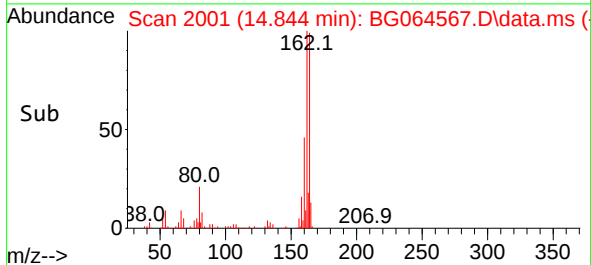
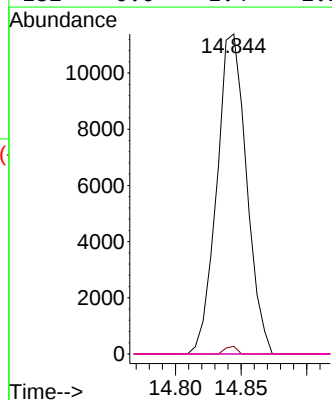
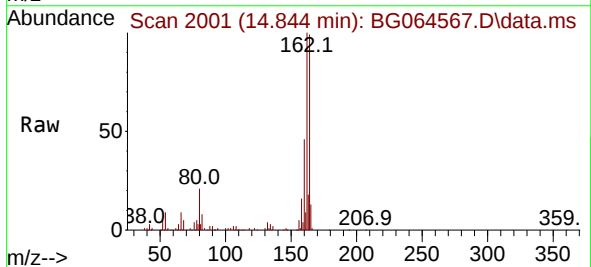
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PB170180BL

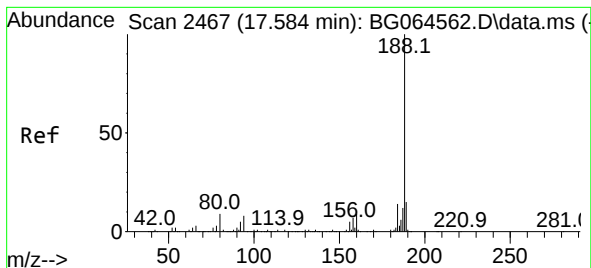
Tgt Ion:165 Resp: 17918
Ion Ratio Lower Upper
165 100
63 2.4 54.6 82.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 8.883 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.342 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Tgt Ion:165 Resp: 17918
Ion Ratio Lower Upper
165 100
63 2.4 37.8 56.6#
89 0.0 55.0 82.4#
182 0.0 1.4 2.2#

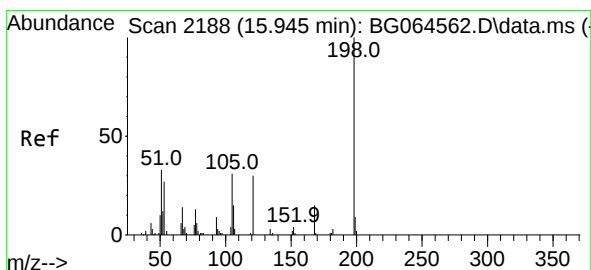
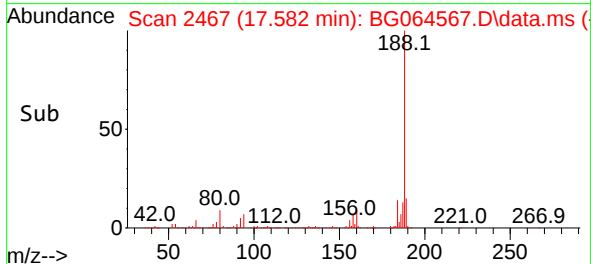
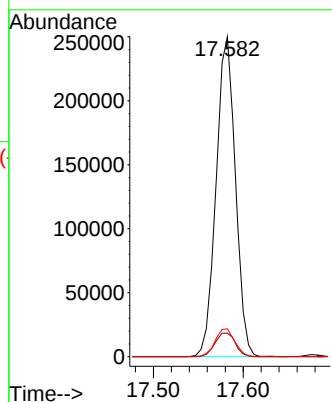
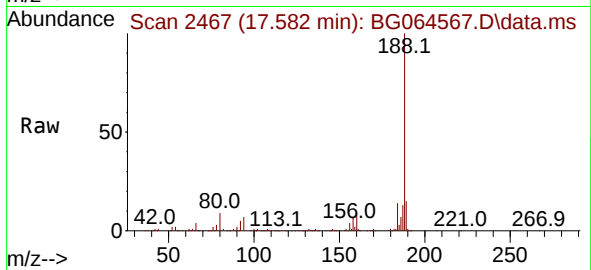




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. -0.001 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

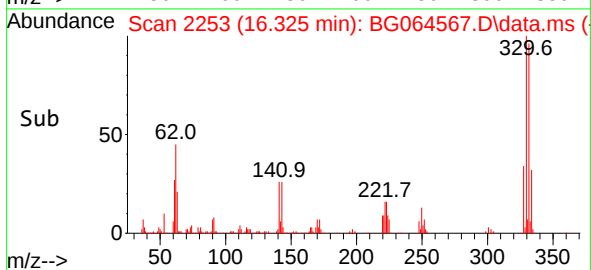
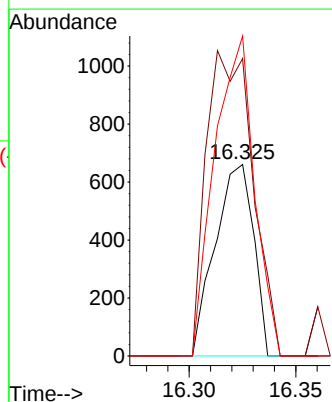
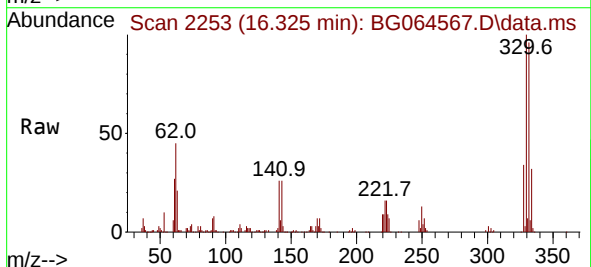
Instrument :
BNA_G
ClientSampleId :
PB170180BL

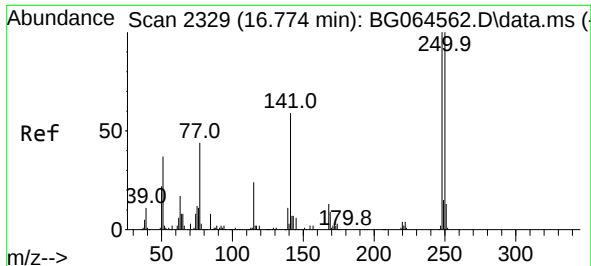
Tgt Ion:188 Resp: 372824
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.7 7.3 10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 3.938 ng
RT: 16.325 min Scan# 2253
Delta R.T. 0.375 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

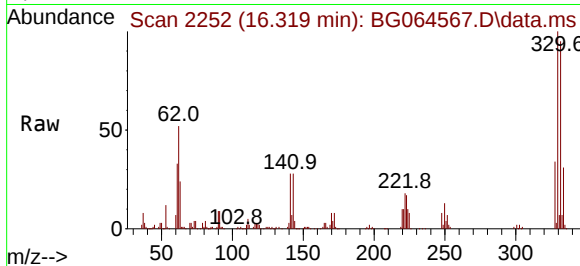
Tgt Ion:198 Resp: 827
Ion Ratio Lower Upper
198 100
51 155.2 26.5 66.5#
105 167.0 12.5 52.5#



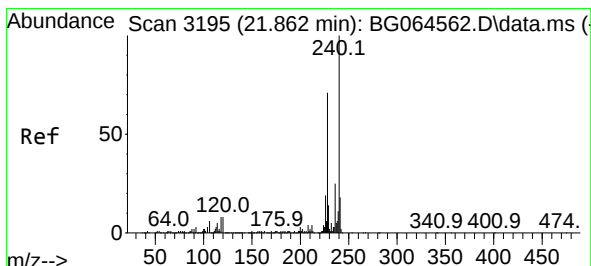
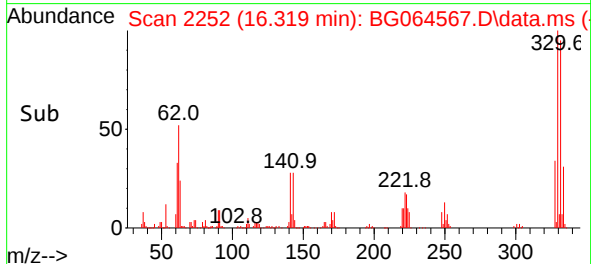
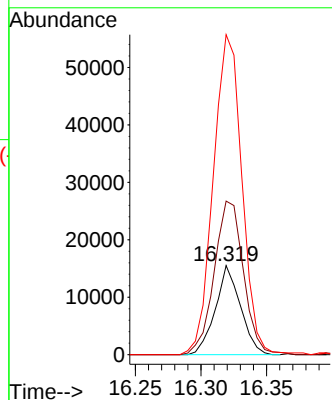


#67
4-Bromophenyl-phenylether
Concen: 4.703 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Instrument :
BNA_G
ClientSampleId :
PB170180BL

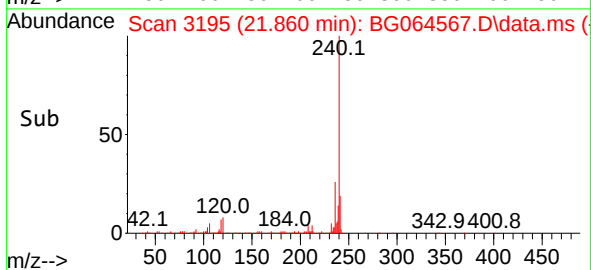
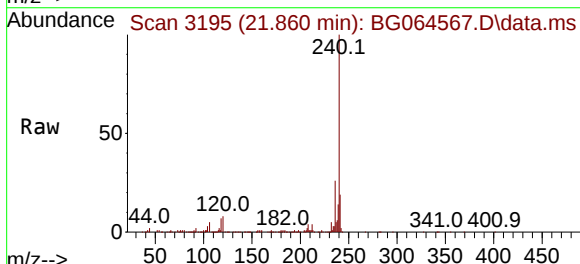
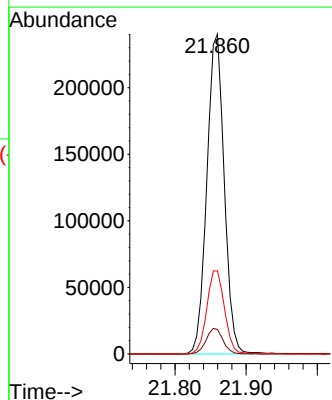


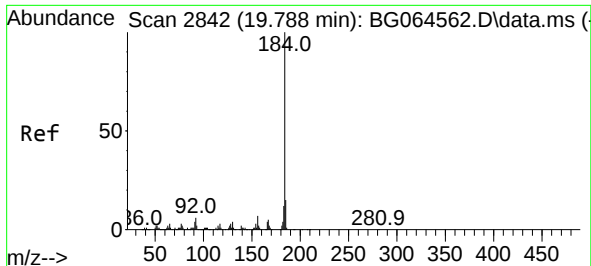
Tgt Ion:248 Resp: 20629
Ion Ratio Lower Upper
248 100
250 178.5 79.9 119.9#
141 280.7 47.5 71.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Tgt Ion:240 Resp: 408651
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.0 20.2 30.4

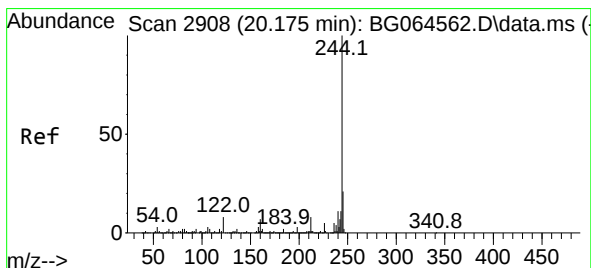
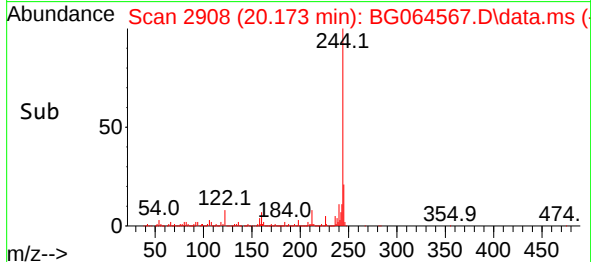
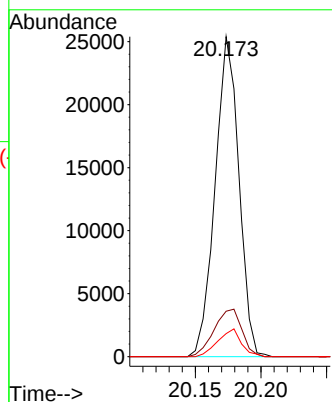
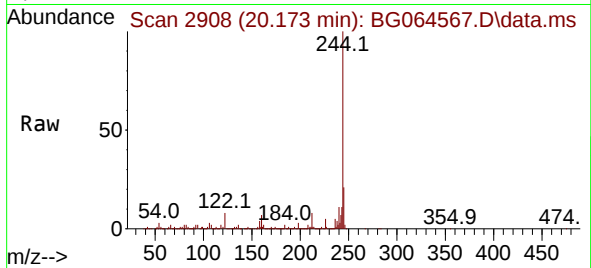




#77
Benzidine
Concen: 3.276 ng
RT: 20.173 min Scan# 2908
Delta R.T. 0.387 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

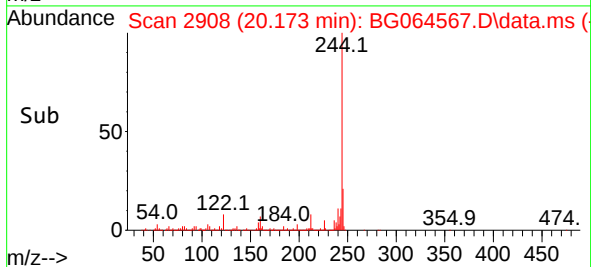
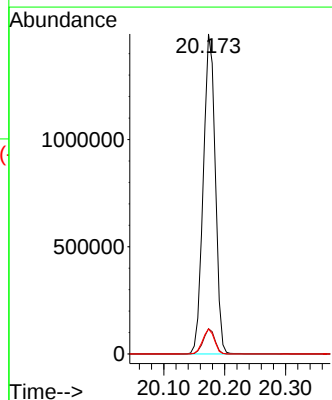
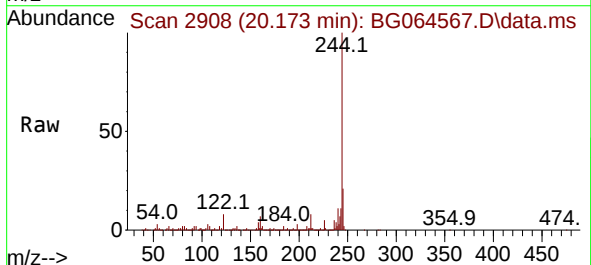
Instrument :
BNA_G
ClientSampleId :
PB170180BL

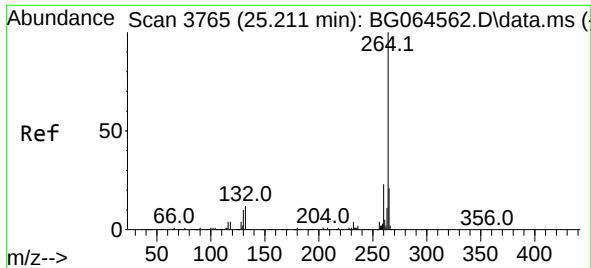
Tgt Ion:184 Resp: 31944
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 7.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 96.004 ng
RT: 20.173 min Scan# 2908
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

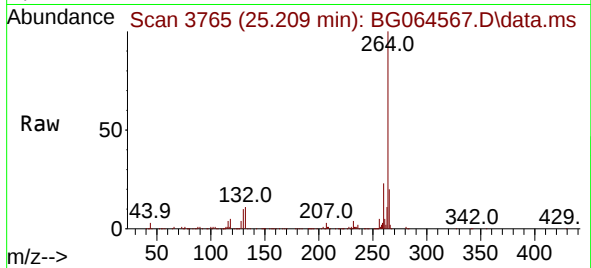
Tgt Ion:244 Resp: 2043359
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 7.8 6.1 9.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.209 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG064567.D
Acq: 23 Oct 2025 17:08

Instrument :
BNA_G
ClientSampleId :
PB170180BL



Tgt Ion:264 Resp: 439459

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.0	17.2	25.8

