

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064330.D
 Acq On : 10 Sep 2025 13:18
 Operator : RC/JU
 Sample : PB169593BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 10 13:58:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

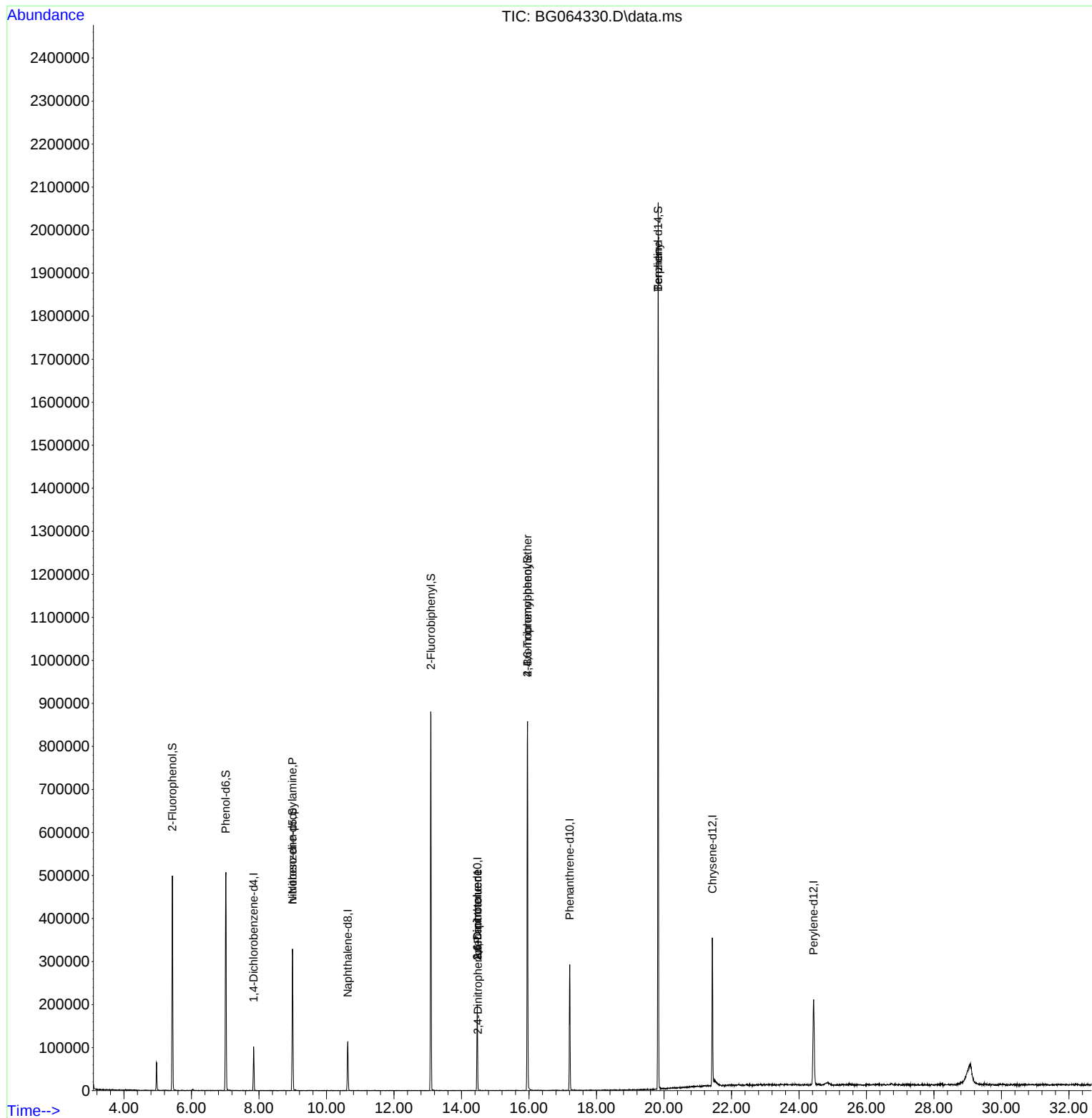
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	23634	20.000	ng	-0.02
21) Naphthalene-d8	10.633	136	95435	20.000	ng	-0.02
39) Acenaphthene-d10	14.470	164	68731	20.000	ng	-0.01
64) Phenanthrene-d10	17.208	188	174502	20.000	ng	#-0.02
76) Chrysene-d12	21.432	240	194396	20.000	ng	#-0.02
86) Perylene-d12	24.435	264	213111	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	178305	135.354	ng	-0.01
7) Phenol-d6	7.014	99	232237	128.324	ng	-0.02
23) Nitrobenzene-d5	8.994	82	170081	99.392	ng	-0.02
42) 2,4,6-Tribromophenol	15.957	330	158338	173.926	ng	-0.02
45) 2-Fluorobiphenyl	13.095	172	432898	96.136	ng	-0.02
79) Terphenyl-d14	19.828	244	933337	100.170	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.994	70	26716	19.288	ng	# 83
51) 2,6-Dinitrotoluene	14.470	165	9005	8.941	ng	# 14
54) 2,4-Dinitrophenol	14.488	184	56	5.730	ng	# 12
57) 2,4-Dinitrotoluene	14.470	165	9005	5.913	ng	# 17
67) 4-Bromophenyl-phenylether	15.957	248	10916	5.890	ng	# 1
77) Benzidine	19.828	184	18994	4.645	ng	96

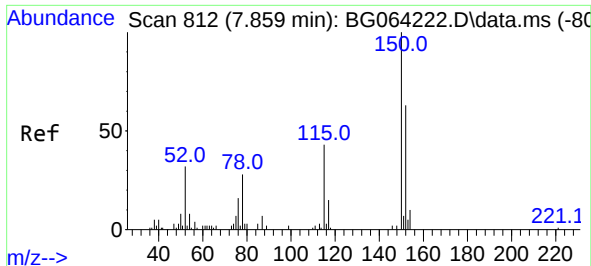
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

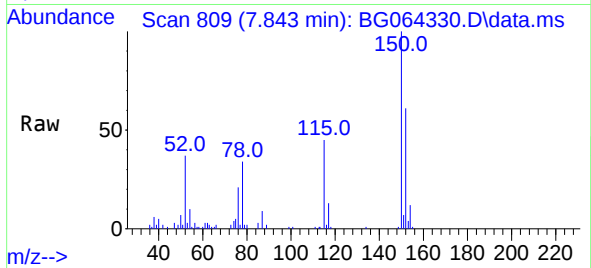
Quant Time: Sep 10 13:58:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



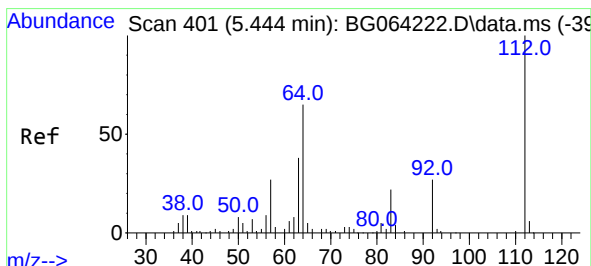
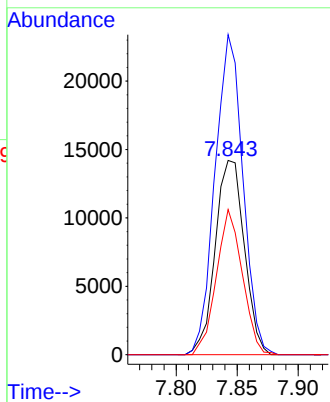
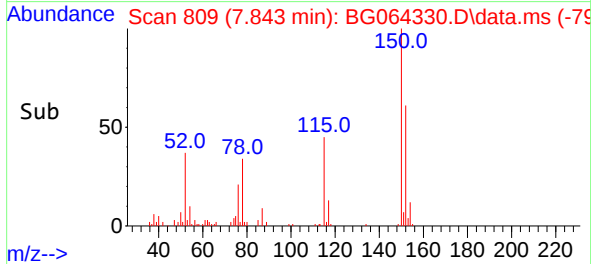


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.016 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

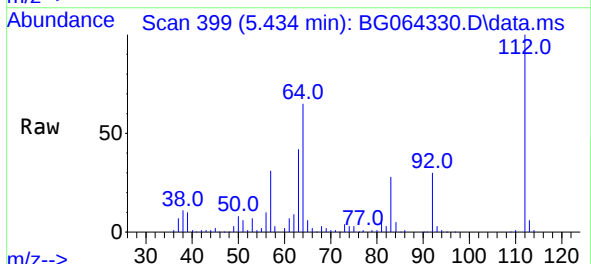
Instrument :
BNA_G
ClientSampleId :



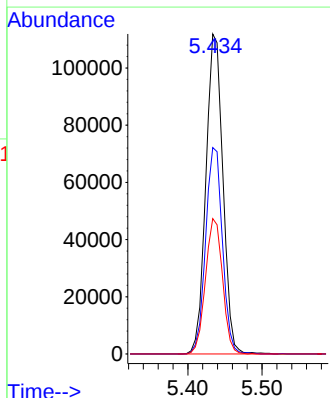
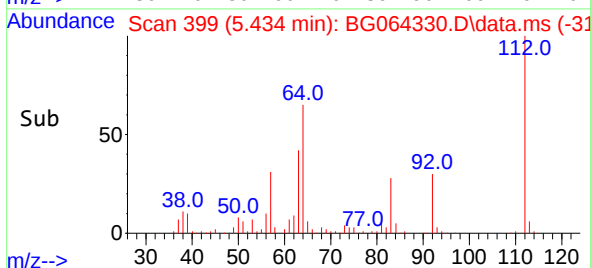
Tgt Ion:152 Resp: 23634
Ion Ratio Lower Upper
152 100
150 164.8 128.0 192.0
115 74.7 55.7 83.5

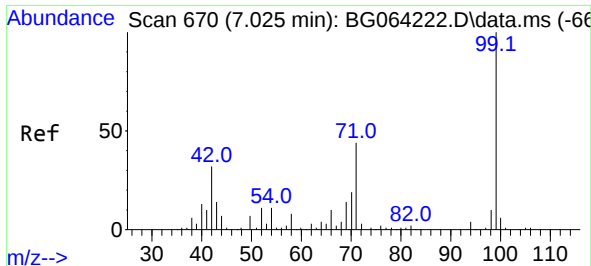


#5
2-Fluorophenol
Concen: 135.354 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.011 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18



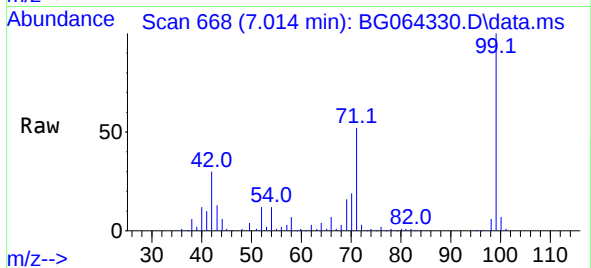
Tgt Ion:112 Resp: 178305
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.6
63 42.3 30.6 45.8



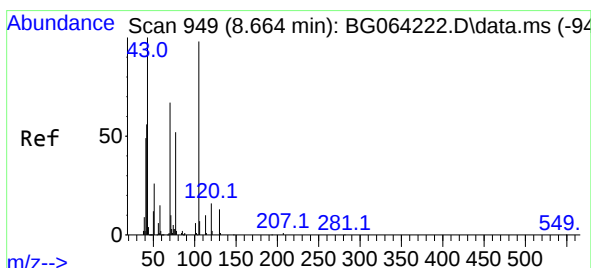
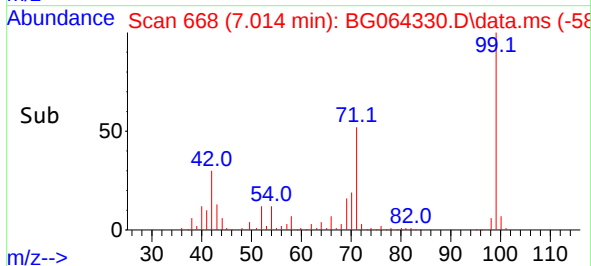
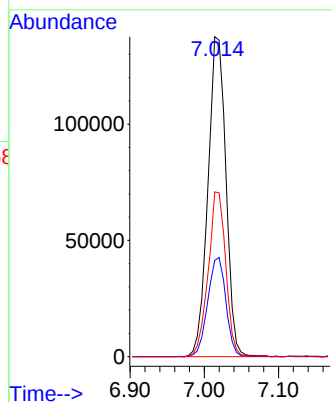


#7
Phenol-d6
Concen: 128.324 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :

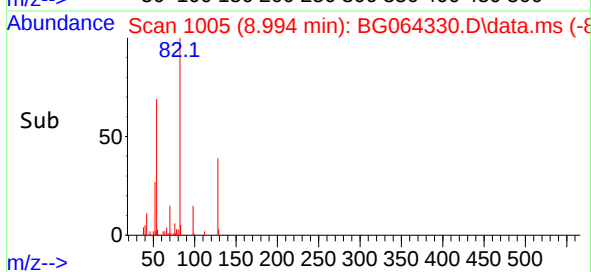
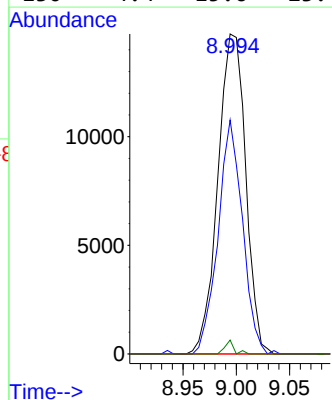
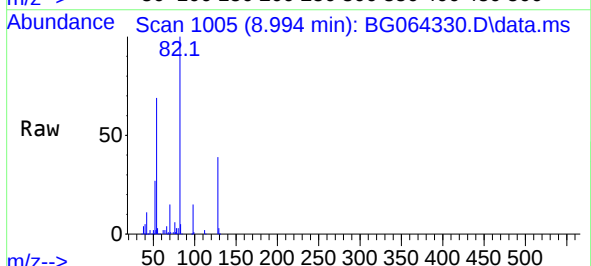


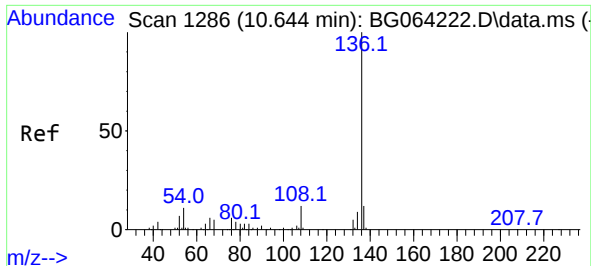
Tgt Ion: 99 Resp: 232237
Ion Ratio Lower Upper
99 100
42 30.1 25.8 38.8
71 51.5 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.288 ng
RT: 8.994 min Scan# 1005
Delta R.T. 0.330 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion: 70 Resp: 26716
Ion Ratio Lower Upper
70 100
42 73.1 67.9 101.9
101 0.0 7.3 10.9#
130 4.4 15.6 23.4#

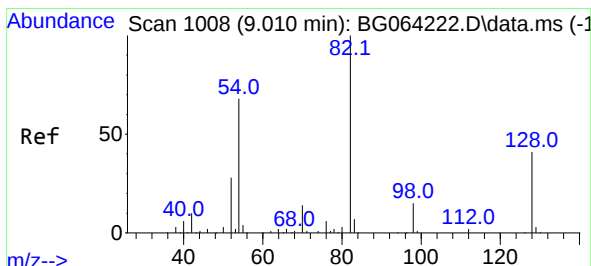
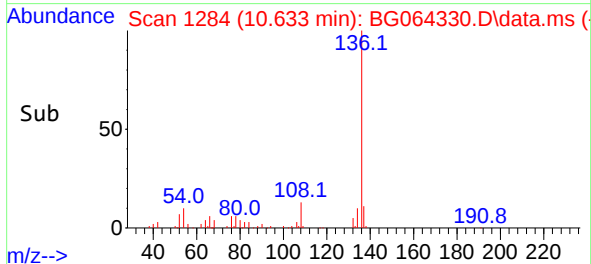
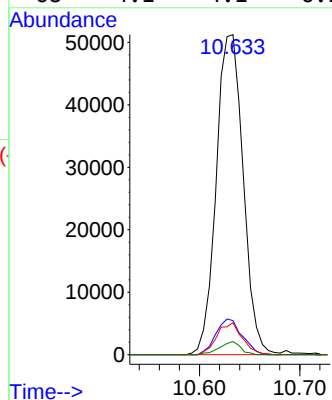
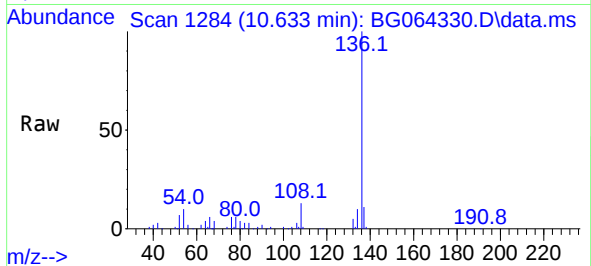




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

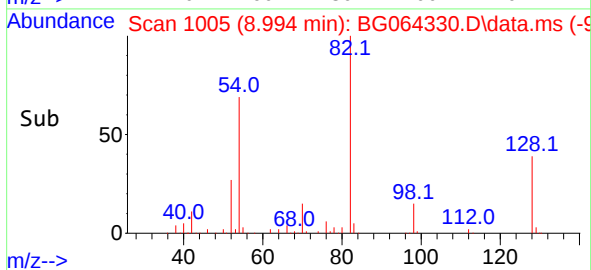
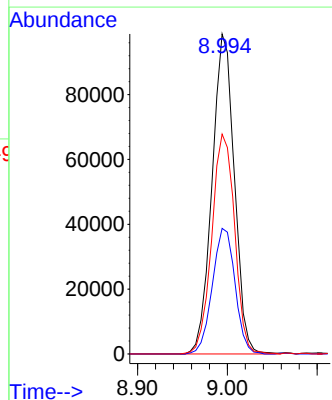
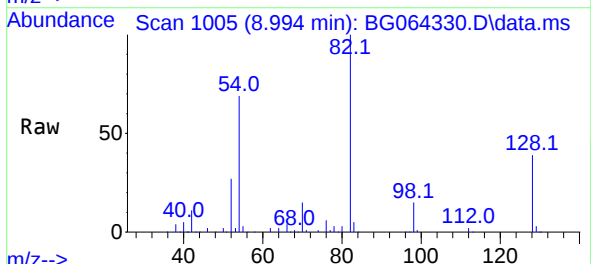
Instrument :
BNA_G
ClientSampleId :

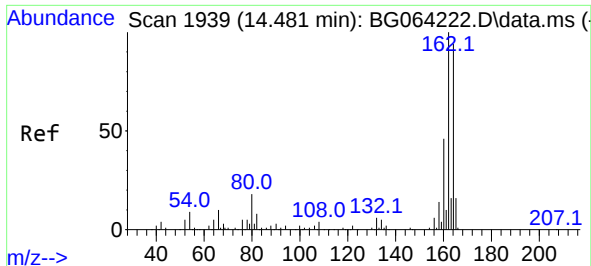
Tgt Ion:136	Resp:	95435
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.6 14.4
54	10.0	8.8 13.2
68	4.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.392 ng
RT: 8.994 min Scan# 1005
Delta R.T. -0.022 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

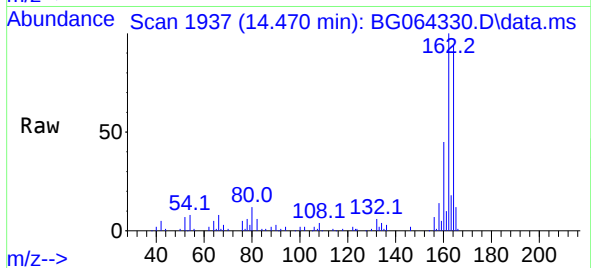
Tgt Ion: 82	Resp:	170081
Ion Ratio	Lower	Upper
82	100	
128	39.3	32.6 48.8
54	68.7	54.7 82.1



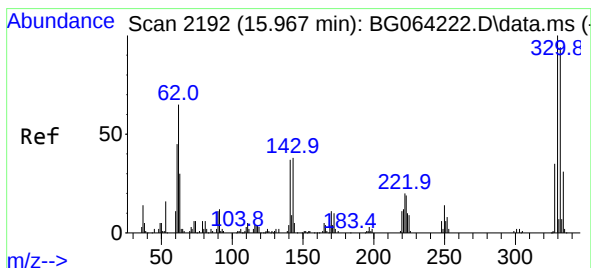
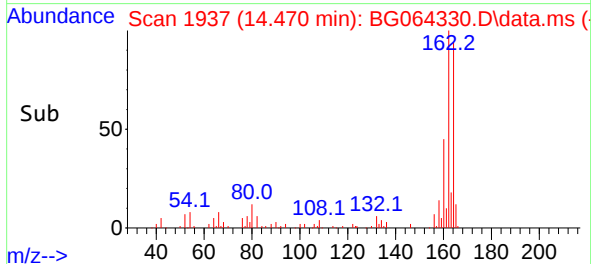
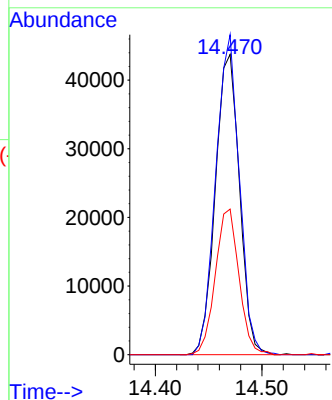


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.470 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :

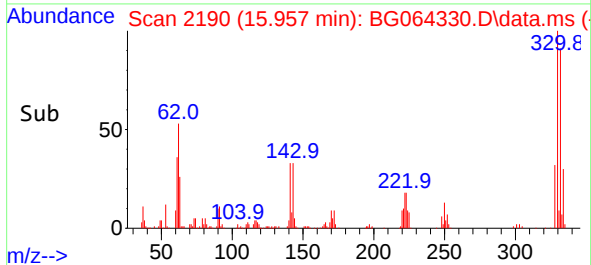
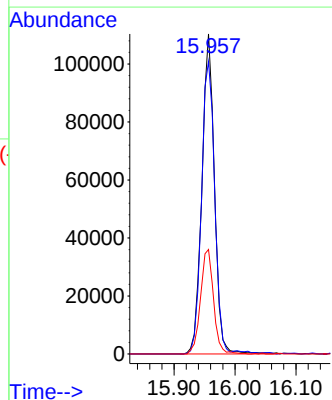
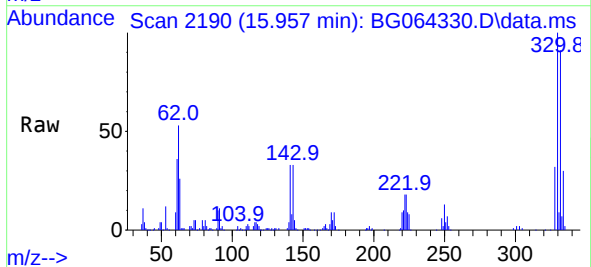


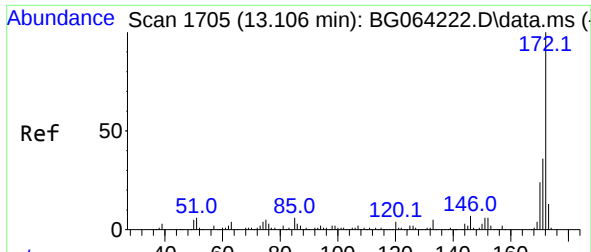
Tgt Ion:164 Resp: 68731
Ion Ratio Lower Upper
164 100
162 106.5 85.4 128.0
160 48.5 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 173.926 ng
RT: 15.957 min Scan# 2190
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

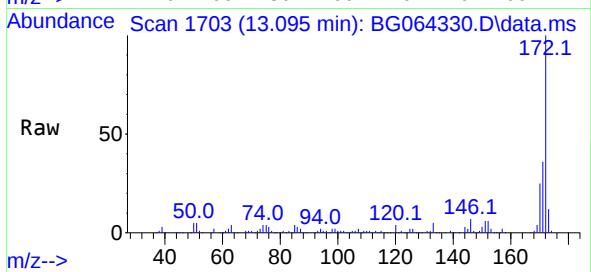
Tgt Ion:330 Resp: 158338
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 33.7 29.8 44.6



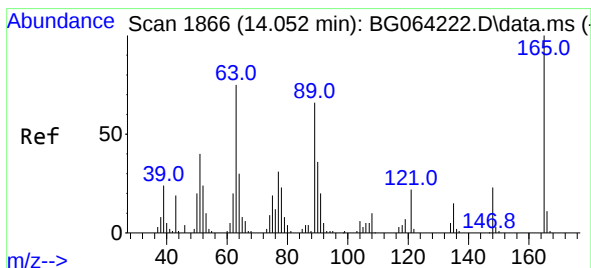
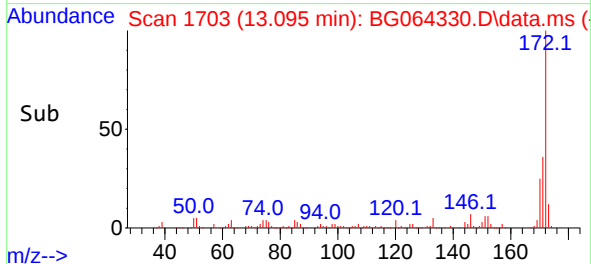
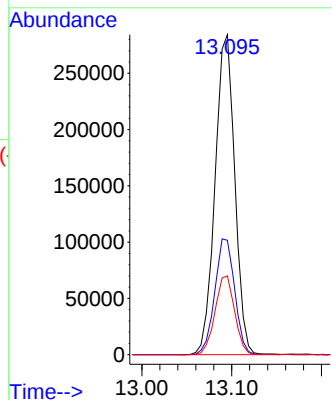


#45
2-Fluorobiphenyl
Concen: 96.136 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :

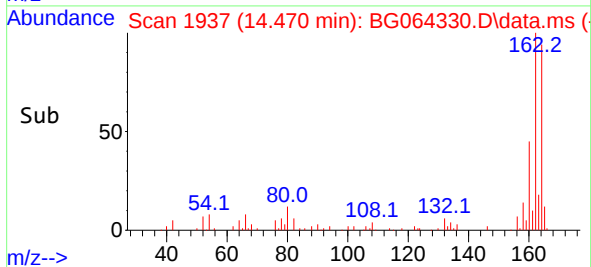
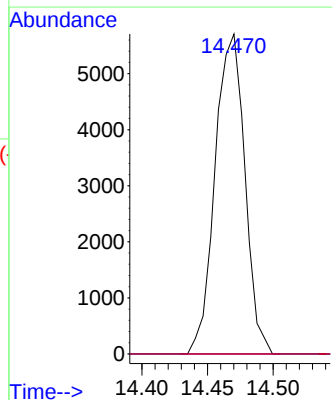
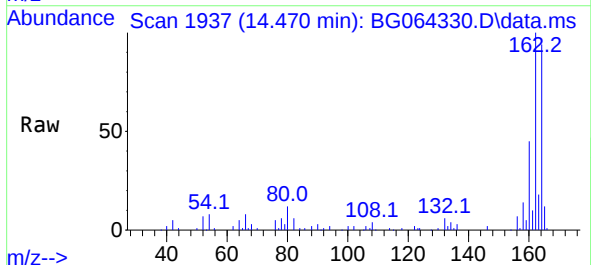


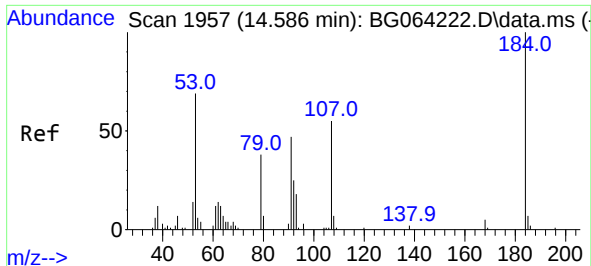
Tgt Ion:172 Resp: 432898
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.941 ng
RT: 14.470 min Scan# 1937
Delta R.T. 0.412 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:165 Resp: 9005
Ion Ratio Lower Upper
165 100
63 0.0 60.3 90.5#
89 0.0 52.9 79.3#

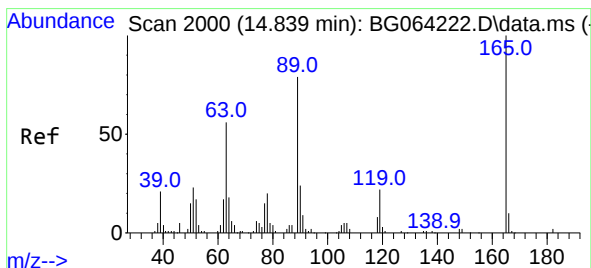
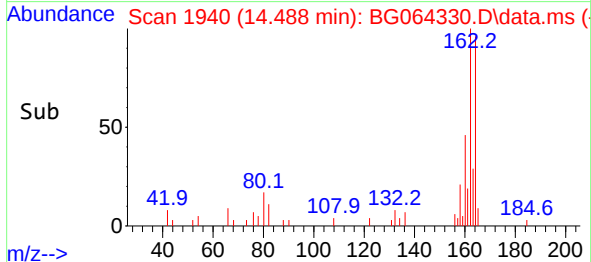
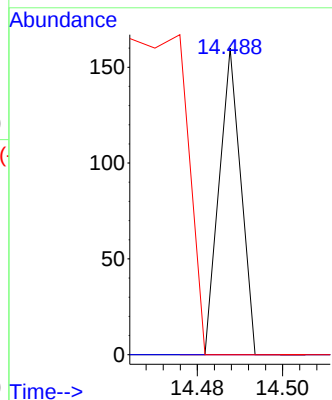
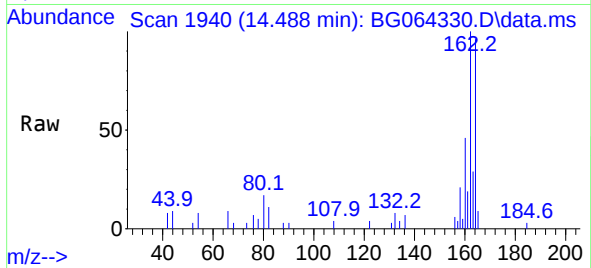




#54
2,4-Dinitrophenol
Concen: 5.730 ng
RT: 14.488 min Scan# 1957
Delta R.T. -0.104 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

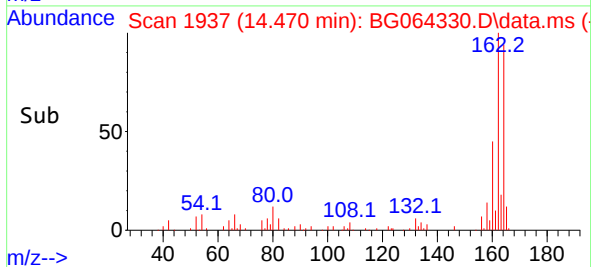
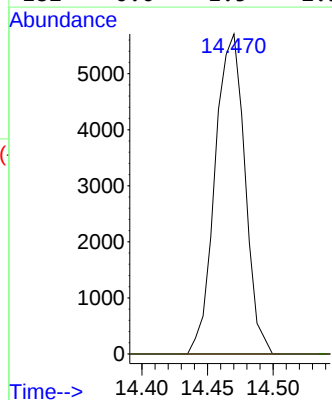
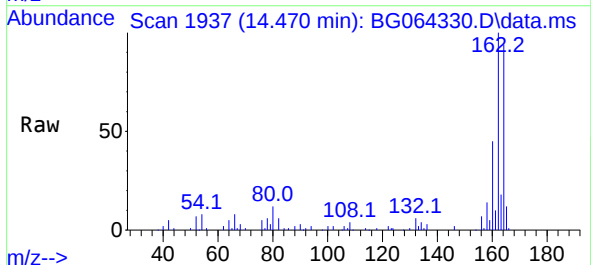
Instrument :
BNA_G
ClientSampleId :

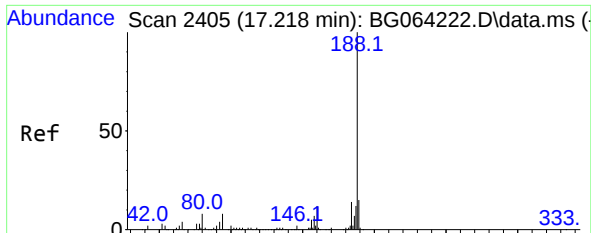
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 60.1 90.1#
154 0.0 59.8 89.8#



#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 14.470 min Scan# 1937
Delta R.T. -0.375 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

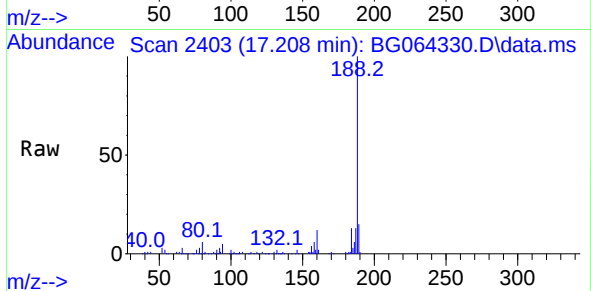
Tgt Ion:165 Resp: 9005
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 0.0 63.0 94.4#
182 0.0 1.5 2.3#



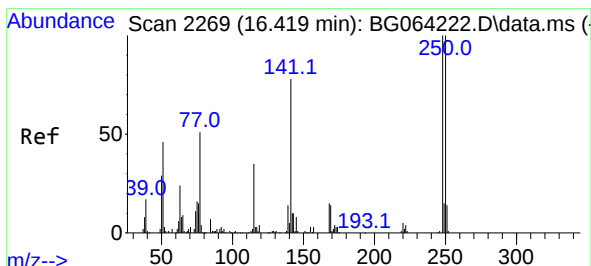
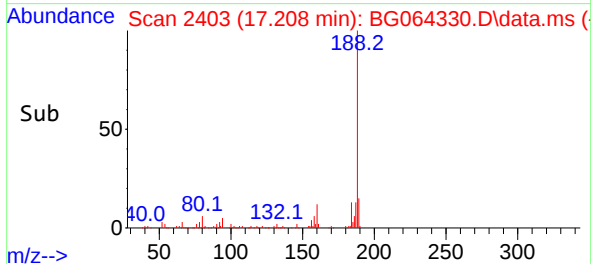
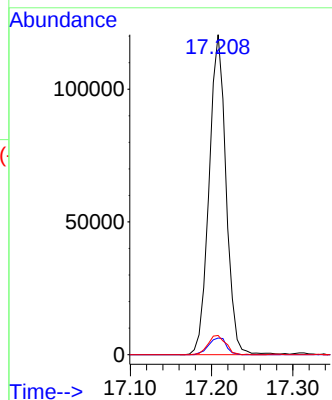


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :

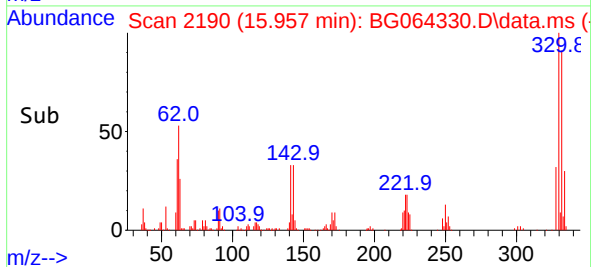
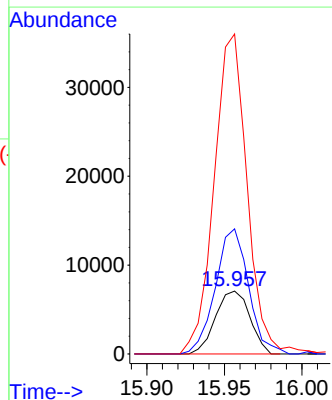
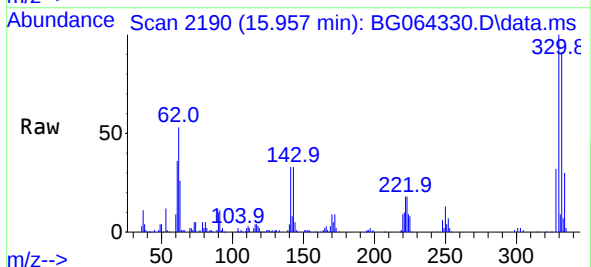


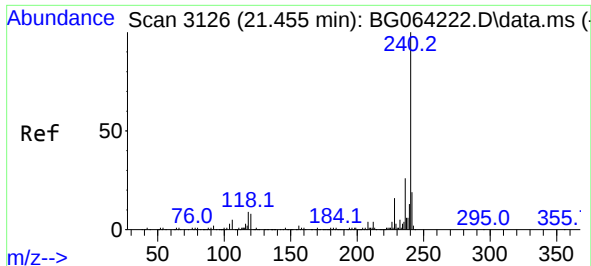
Tgt Ion:188 Resp: 174502
Ion Ratio Lower Upper
188 100
94 5.2 6.2 9.4#
80 6.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 5.890 ng
RT: 15.957 min Scan# 2190
Delta R.T. -0.463 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

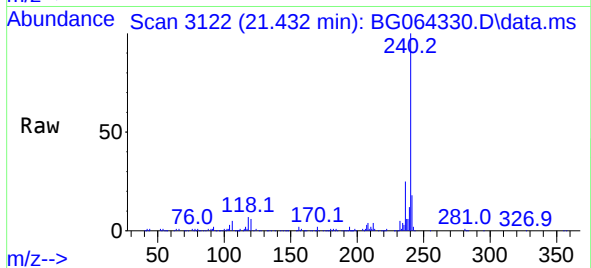
Tgt Ion:248 Resp: 10916
Ion Ratio Lower Upper
248 100
250 198.8 80.2 120.4#
141 508.3 62.4 93.6#



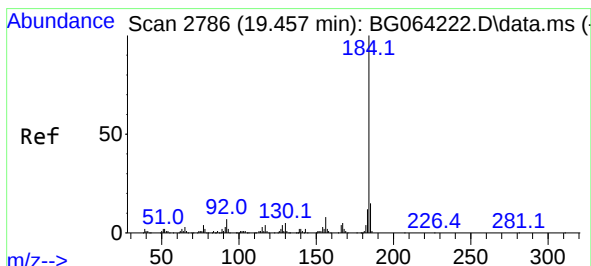
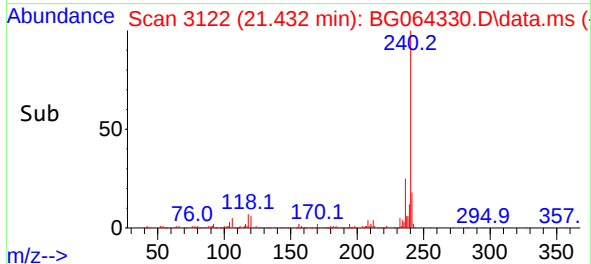
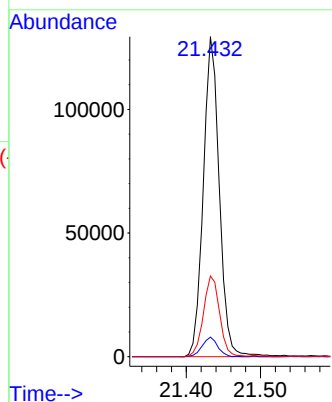


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :

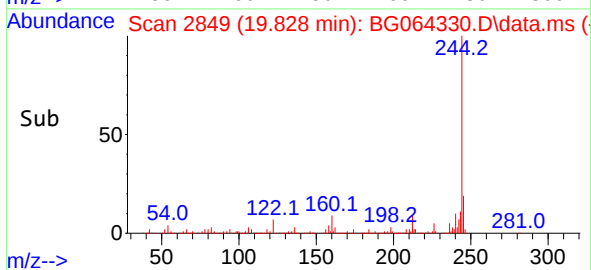
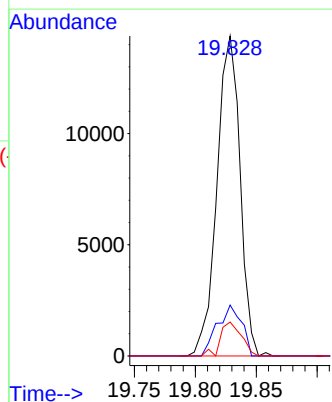
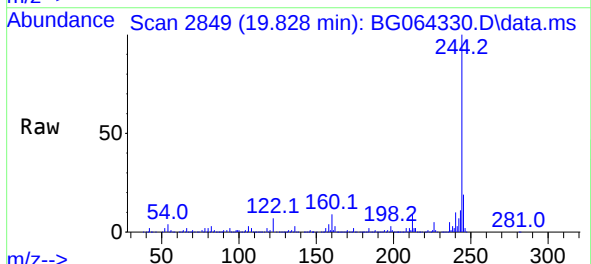


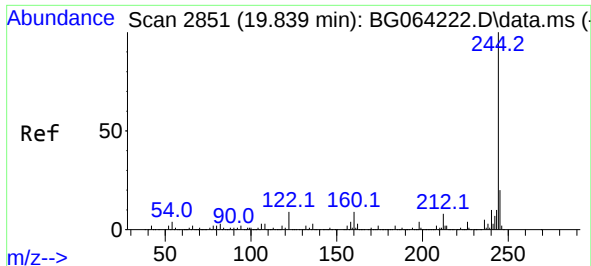
Tgt Ion:240 Resp: 194396
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.2 20.5 30.7



#77
Benzidine
Concen: 4.645 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.371 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

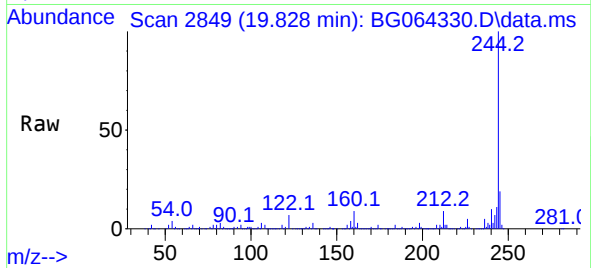
Tgt Ion:184 Resp: 18994
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 10.6 9.7 14.5





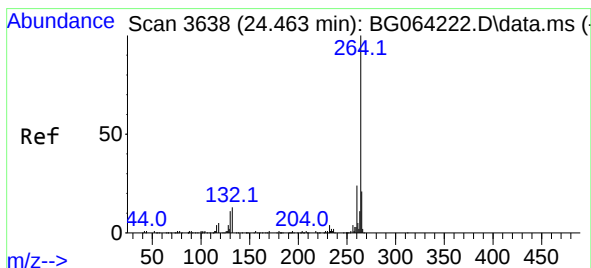
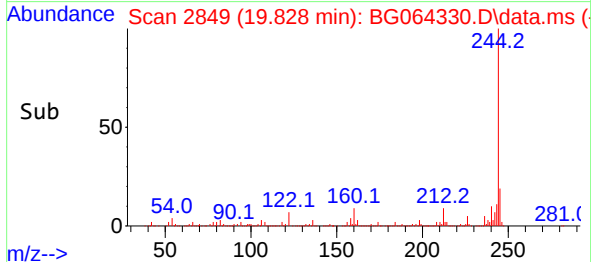
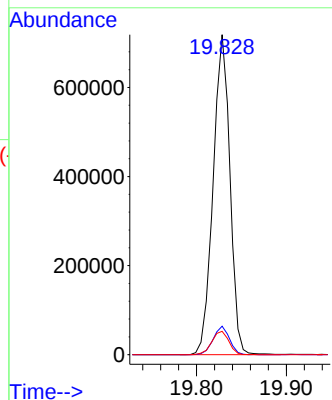
#79
 Terphenyl-d14
 Concen: 100.170 ng
 RT: 19.828 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG064330.D
 Acq: 10 Sep 2025 13:18

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 933337

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	7.3	7.0	10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.435 min Scan# 3633
 Delta R.T. -0.028 min
 Lab File: BG064330.D
 Acq: 10 Sep 2025 13:18

Tgt Ion:264 Resp: 213111

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	20.1	16.7	25.1

