

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064675.D
 Acq On : 3 Nov 2025 16:38
 Operator : RC/JU
 Sample : PB170216BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170216BL

Quant Time: Nov 04 00:43:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

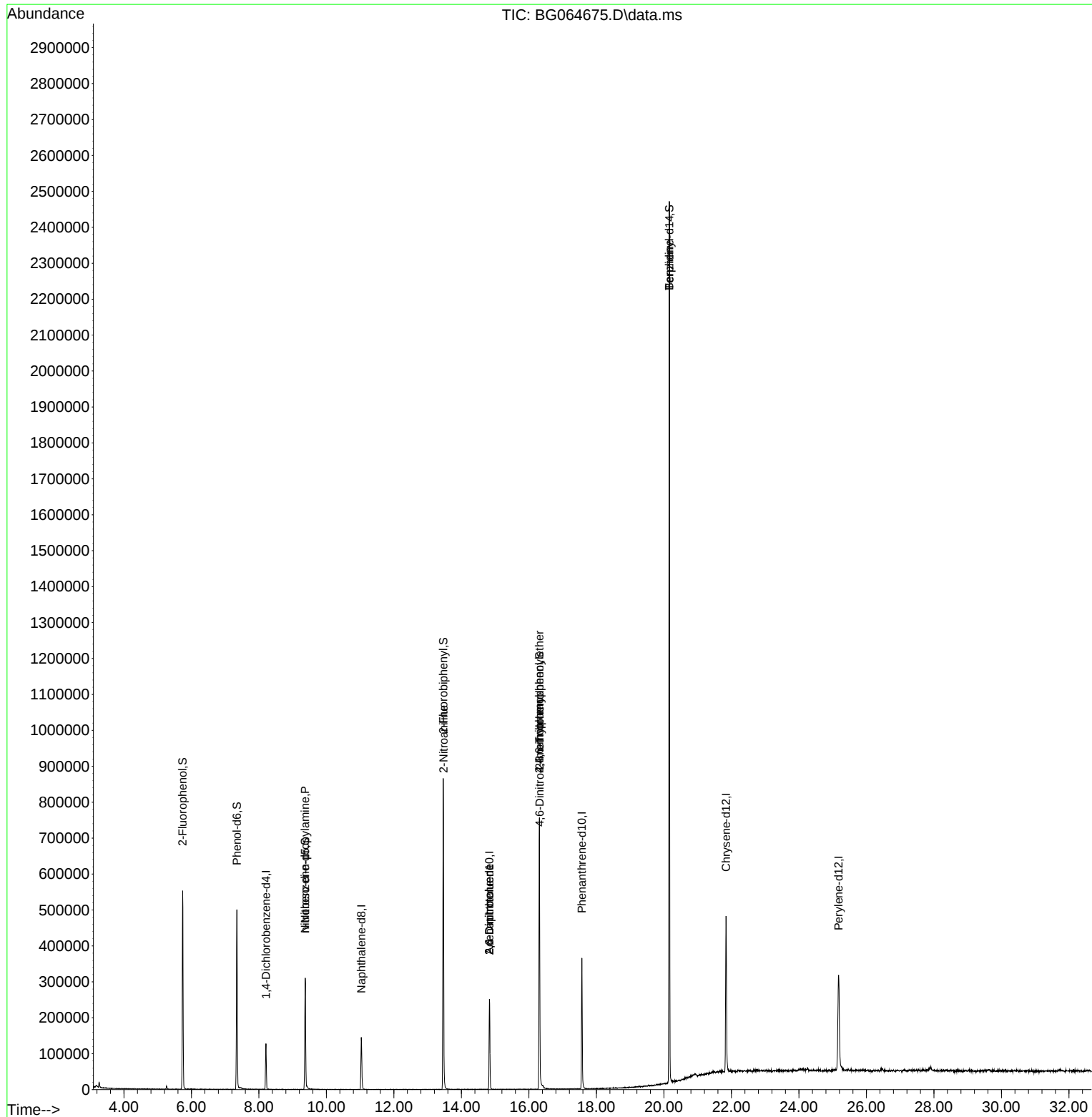
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	35344	20.000	ng	-0.01
21) Naphthalene-d8	11.034	136	128956	20.000	ng	-0.01
39) Acenaphthene-d10	14.830	164	100482	20.000	ng	-0.01
64) Phenanthrene-d10	17.568	188	255711	20.000	ng	-0.01
76) Chrysene-d12	21.839	240	322524	20.000	ng	-0.02
86) Perylene-d12	25.177	264	339110	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	218909	103.960	ng	0.00
7) Phenol-d6	7.350	99	275625	95.390	ng	0.00
23) Nitrobenzene-d5	9.371	82	179125	83.429	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	182166	125.609	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	491308	74.113	ng	-0.01
79) Terphenyl-d14	20.159	244	1297795	75.937	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.371	70	23655	11.846	ng	# 74
48) 2-Nitroaniline	13.467	65	892	3.685	ng	# 1
51) 2,6-Dinitrotoluene	14.830	165	13464	13.100	ng	# 17
57) 2,4-Dinitrotoluene	14.830	165	13462	9.478	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.316	198	339	5.694	ng	# 70
67) 4-Bromophenyl-phenylether	16.310	248	11146	3.678	ng	# 1
77) Benzydine	20.159	184	19834	2.745	ng	# 96

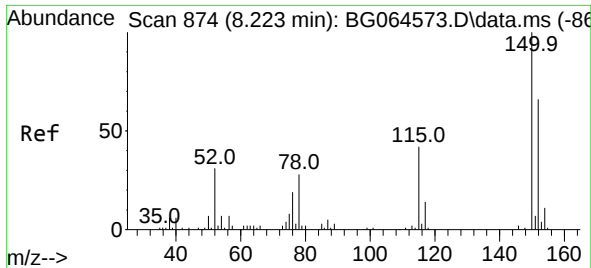
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

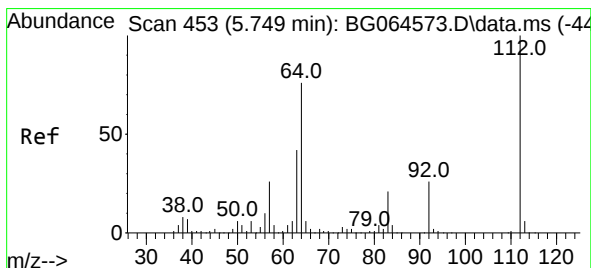
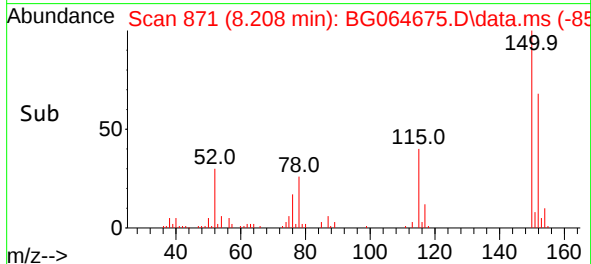
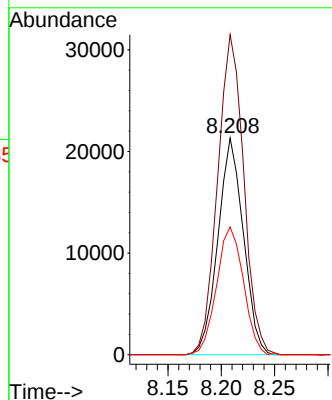
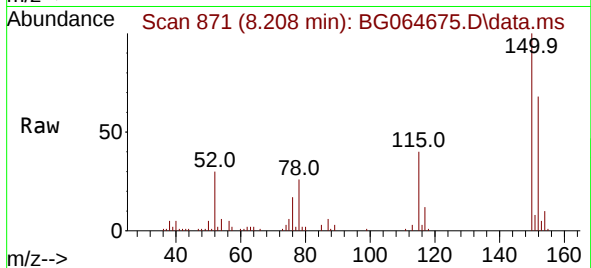




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

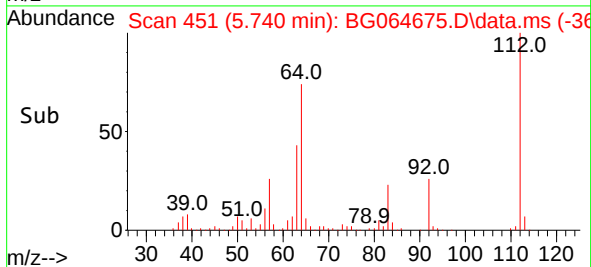
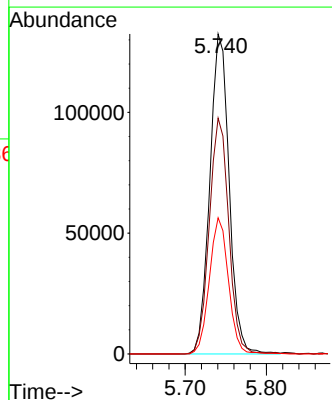
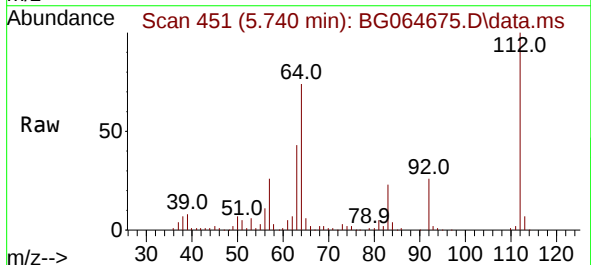
Instrument :
BNA_G
ClientSampleId :
PB170216BL

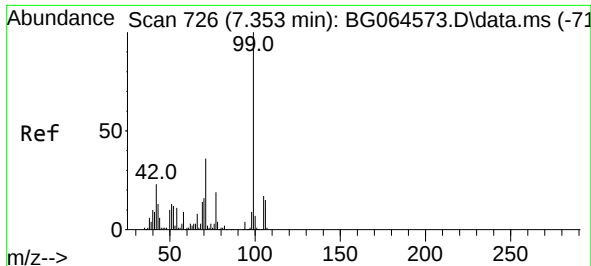
Tgt Ion:152 Resp: 35344
Ion Ratio Lower Upper
152 100
150 147.7 122.2 183.4
115 58.9 50.8 76.2



#5
2-Fluorophenol
Concen: 103.960 ng
RT: 5.740 min Scan# 451
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:112 Resp: 218909
Ion Ratio Lower Upper
112 100
64 73.7 60.7 91.1
63 42.5 33.4 50.0

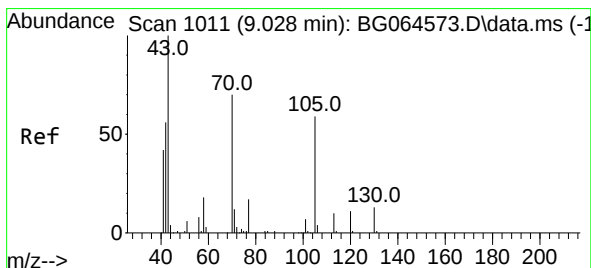
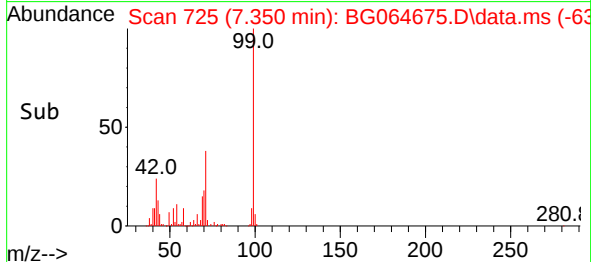
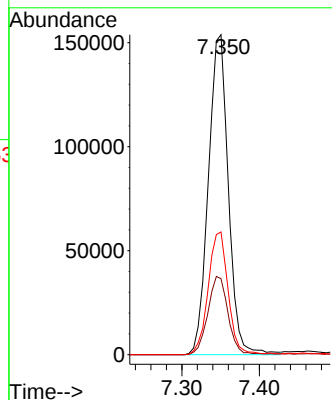
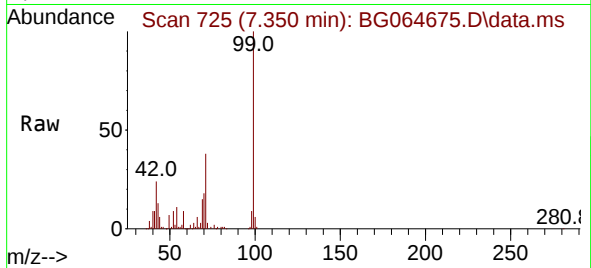




#7
Phenol-d6
Concen: 95.390 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

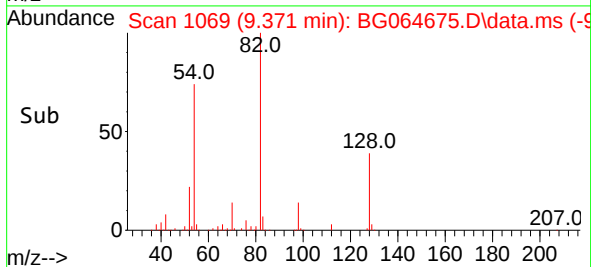
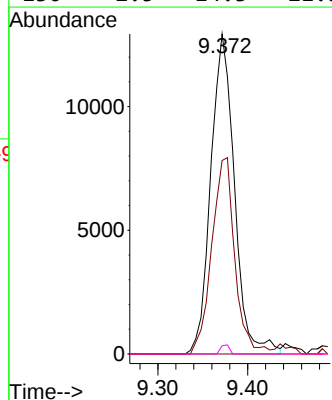
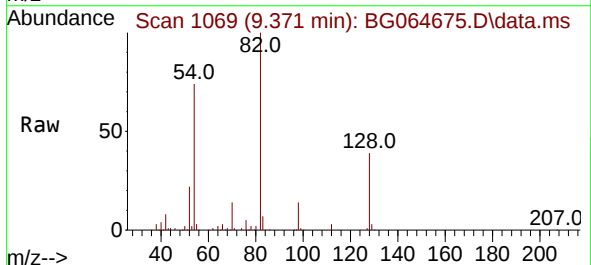
Instrument :
BNA_G
ClientSampleId :
PB170216BL

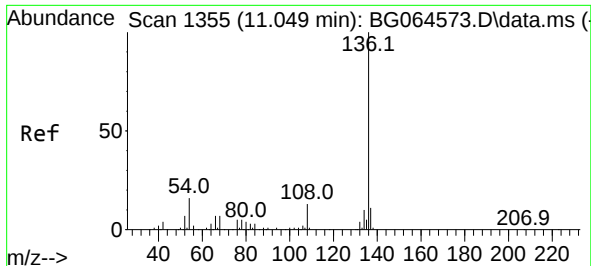
Tgt Ion: 99 Resp: 275625
Ion Ratio Lower Upper
99 100
42 23.7 18.3 27.5
71 38.3 28.6 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.846 ng
RT: 9.371 min Scan# 1069
Delta R.T. 0.344 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion: 70 Resp: 23655
Ion Ratio Lower Upper
70 100
42 60.5 65.2 97.8#
101 0.0 7.9 11.9#
130 2.5 14.3 21.5#

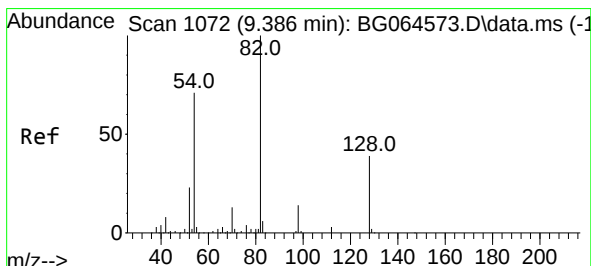
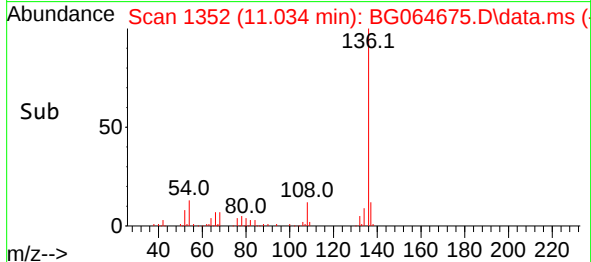
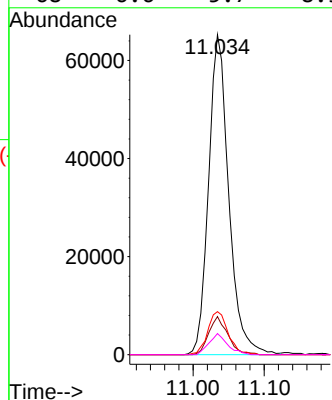
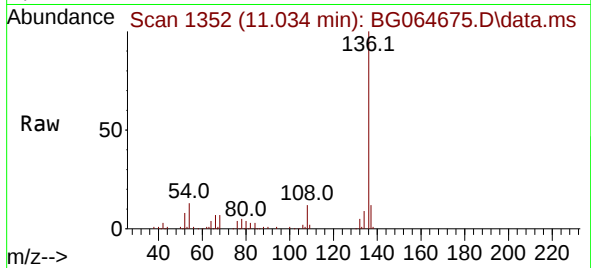




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

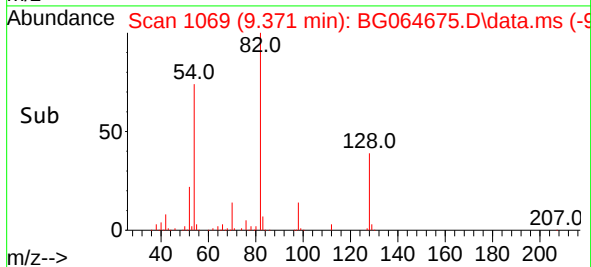
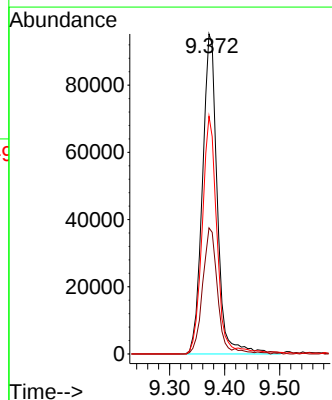
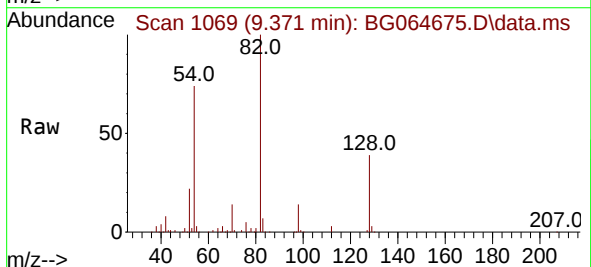
Instrument :
BNA_G
ClientSampleId :
PB170216BL

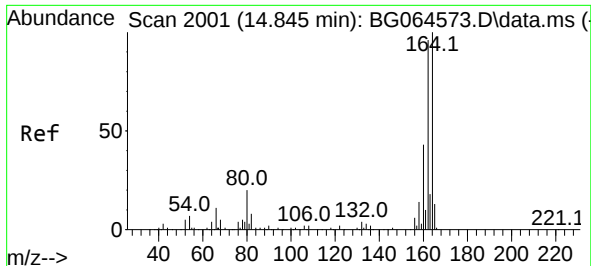
Tgt Ion:	136	Resp:	128956
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	13.5	12.6	19.0
68	6.6	5.7	8.5



#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.371 min Scan# 1069
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:	82	Resp:	179125
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	74.3	56.6	84.8

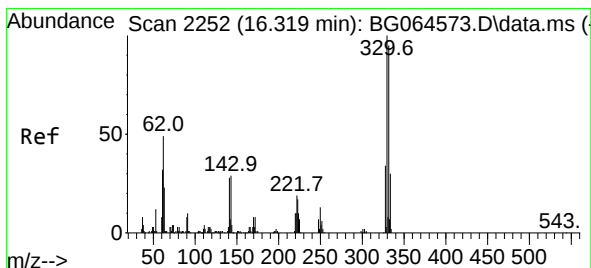
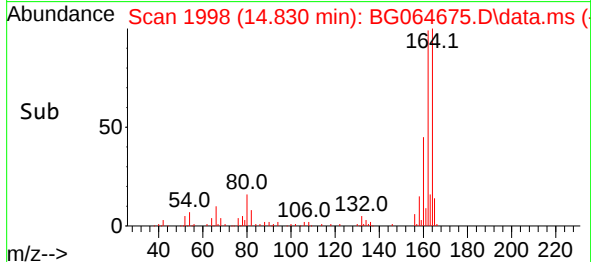
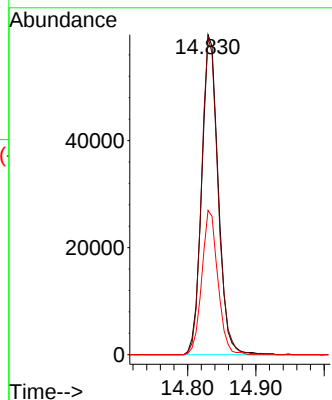
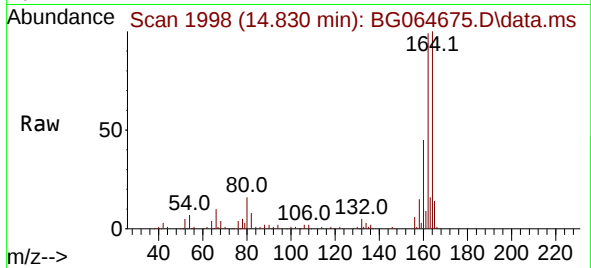




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

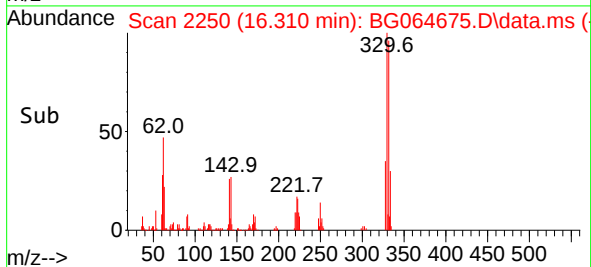
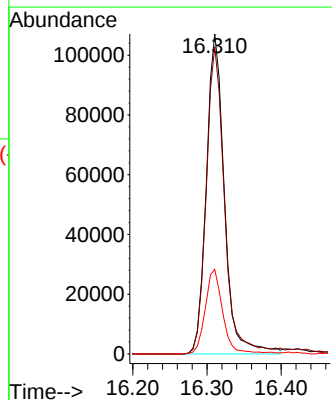
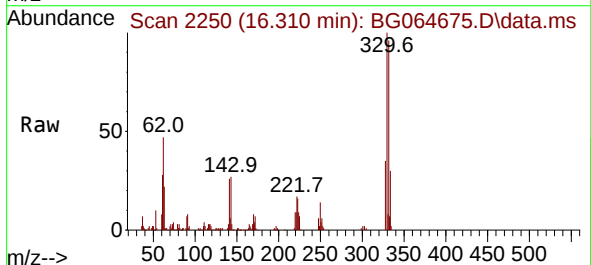
Instrument :
BNA_G
ClientSampleId :
PB170216BL

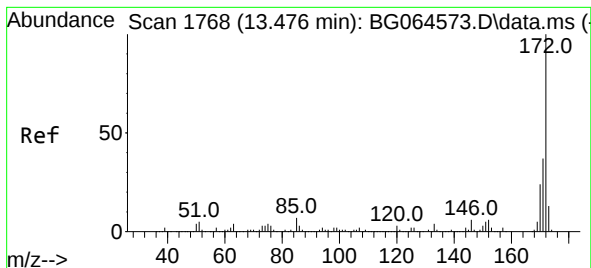
Tgt Ion:164 Resp: 100482
Ion Ratio Lower Upper
164 100
162 99.1 77.0 115.6
160 45.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 125.609 ng
RT: 16.310 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:330 Resp: 182166
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 25.8 21.8 32.6

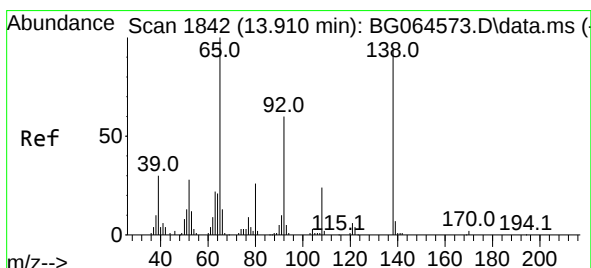
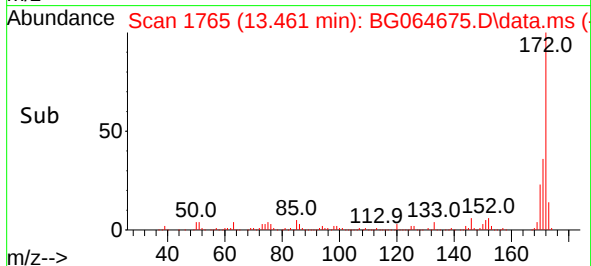
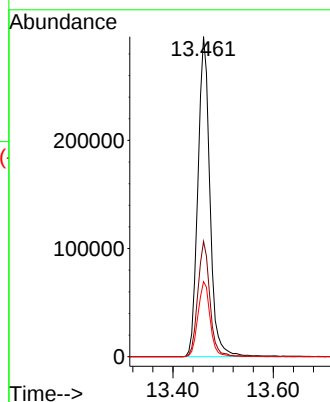
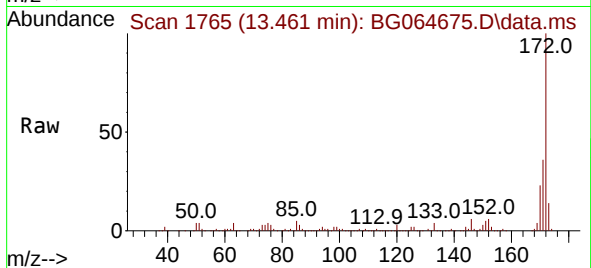




#45
2-Fluorobiphenyl
Concen: 74.113 ng
RT: 13.461 min Scan# 1765
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

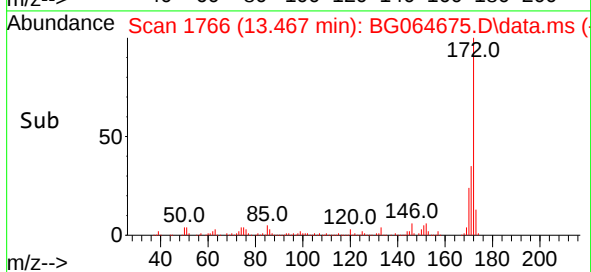
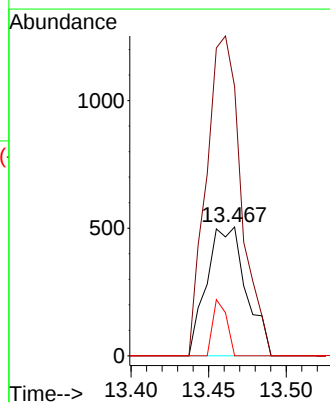
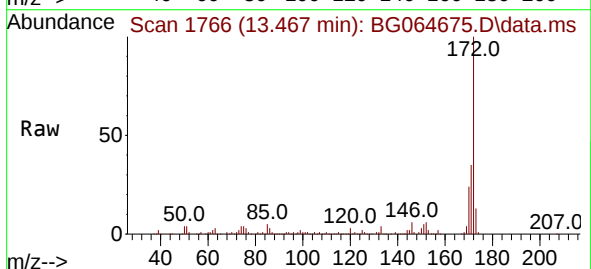
Instrument :
BNA_G
ClientSampleId :
PB170216BL

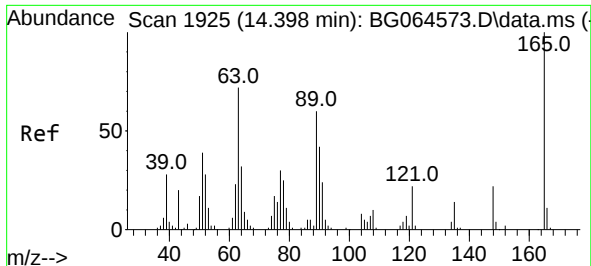
Tgt Ion:172 Resp: 491308
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.4 19.1 28.7



#48
2-Nitroaniline
Concen: 3.685 ng
RT: 13.467 min Scan# 1766
Delta R.T. -0.443 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion: 65 Resp: 892
Ion Ratio Lower Upper
65 100
92 208.9 48.3 72.5#
138 0.0 74.9 112.3#

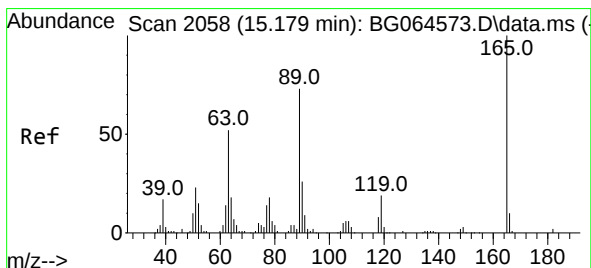
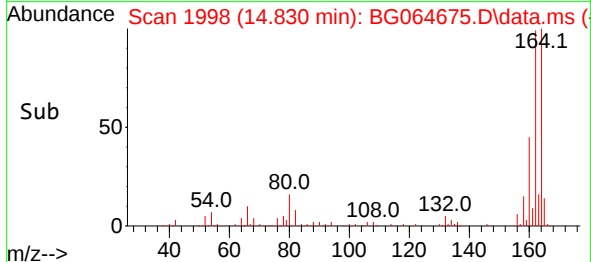
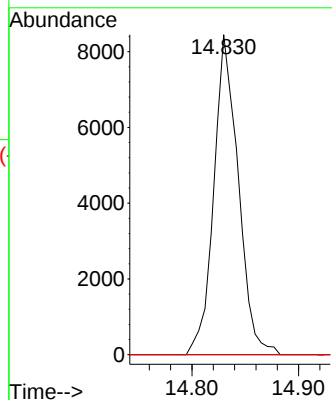
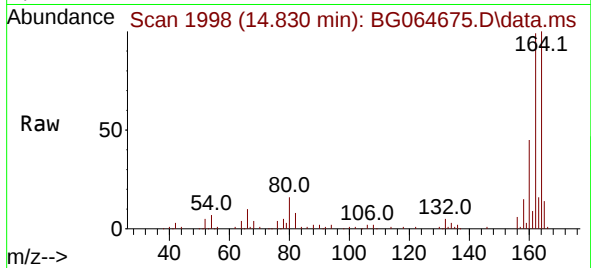




#51
2,6-Dinitrotoluene
Concen: 13.100 ng
RT: 14.830 min Scan# 1925
Delta R.T. 0.432 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

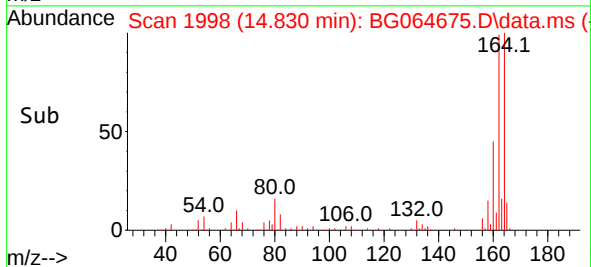
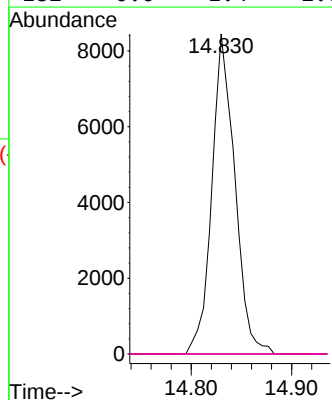
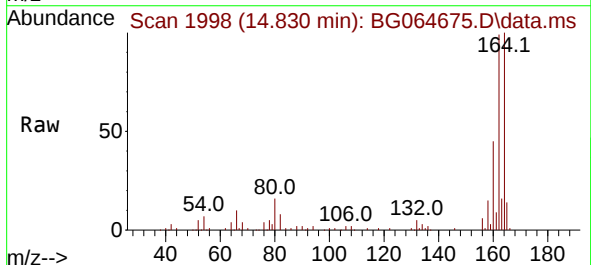
Instrument :
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ClientSampleId :
PB170216BL

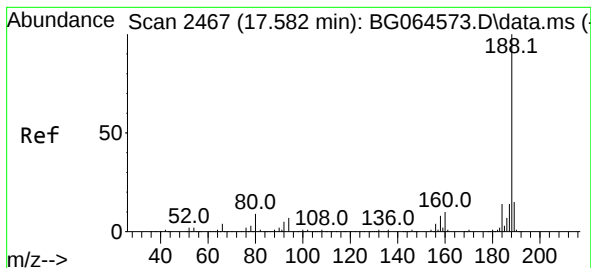
Tgt Ion:165 Resp: 13464
Ion Ratio Lower Upper
165 100
63 0.0 57.4 86.0#
89 0.0 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 9.478 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.349 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:165 Resp: 13462
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.568 min Scan# 2464

Delta R.T. -0.015 min

Lab File: BG064675.D

Acq: 3 Nov 2025 16:38

Instrument :

BNA_G

ClientSampleId :

PB170216BL

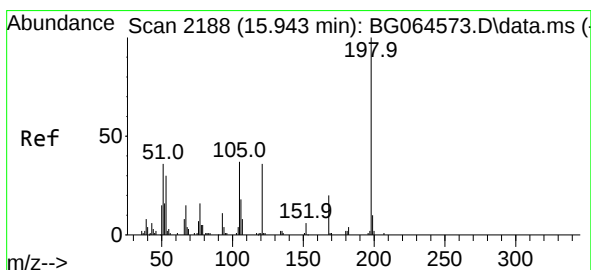
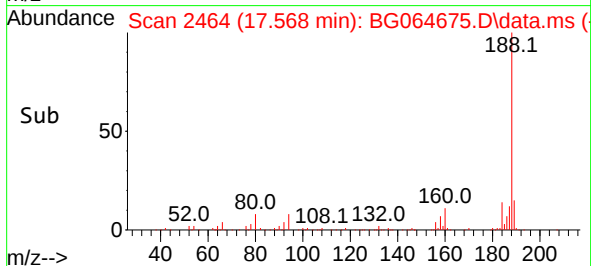
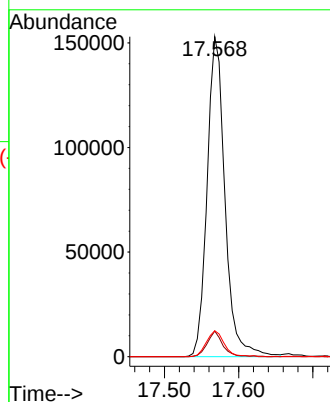
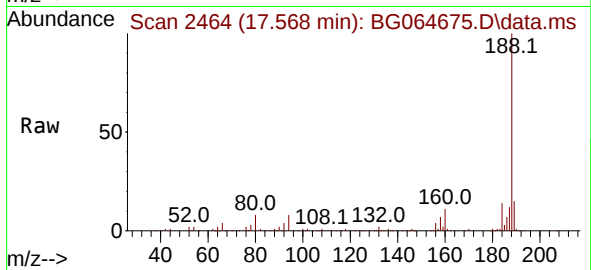
Tgt Ion:188 Resp: 255711

Ion Ratio Lower Upper

188 100

94 8.0 5.7 8.5

80 8.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.694 ng

RT: 16.316 min Scan# 2251

Delta R.T. 0.373 min

Lab File: BG064675.D

Acq: 3 Nov 2025 16:38

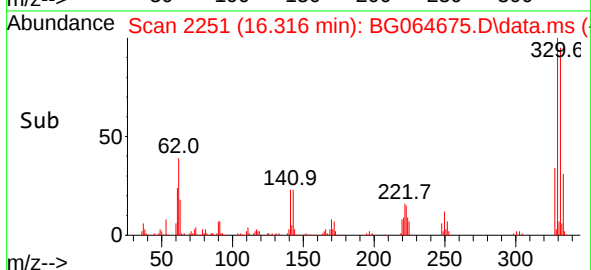
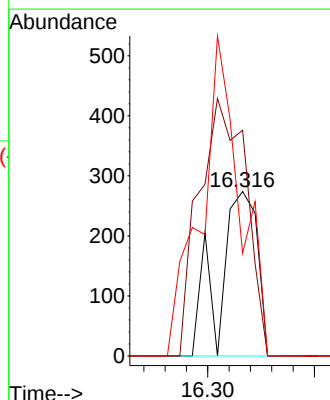
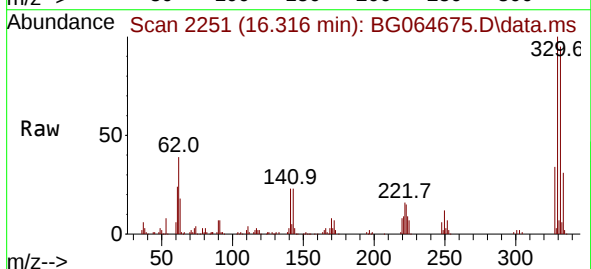
Tgt Ion:198 Resp: 339

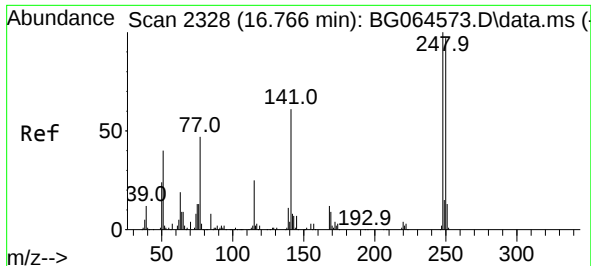
Ion Ratio Lower Upper

198 100

51 30.9 24.7 64.7

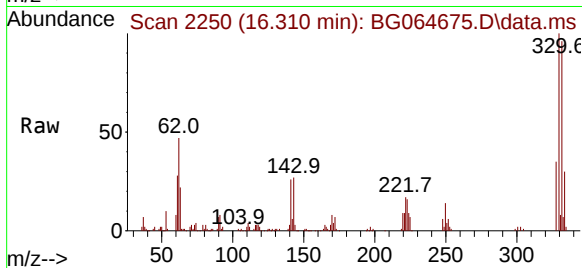
105 14.1 18.0 58.0#



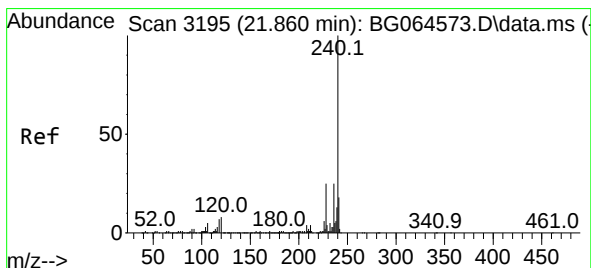
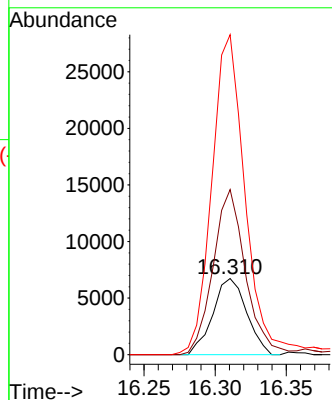
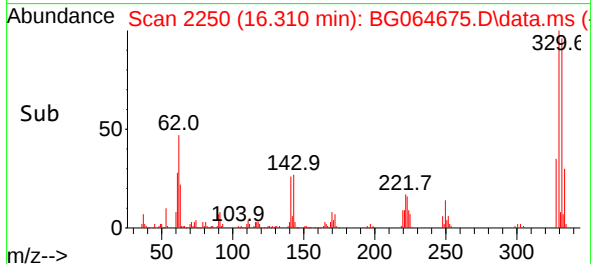


#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 16.310 min Scan# 211
Delta R.T. -0.455 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

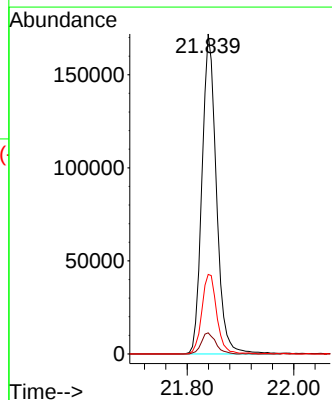
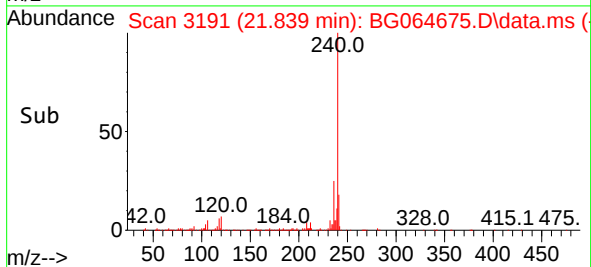
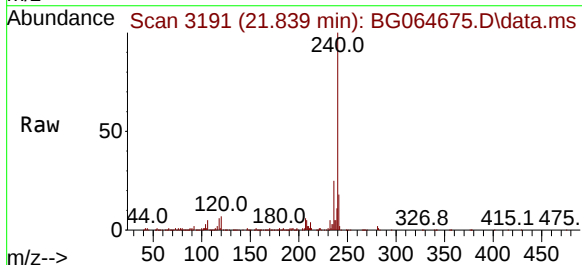


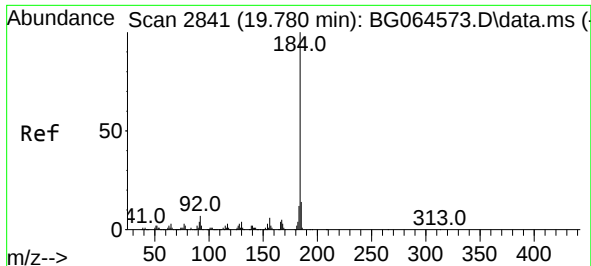
Tgt Ion:248 Resp: 11146
Ion Ratio Lower Upper
248 100
250 205.9 77.7 116.5#
141 309.4 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.839 min Scan# 3191
Delta R.T. -0.021 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:240 Resp: 322524
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 24.9 20.2 30.2

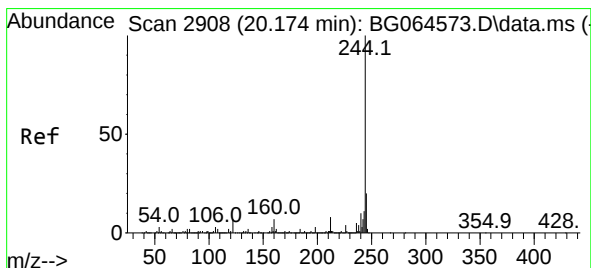
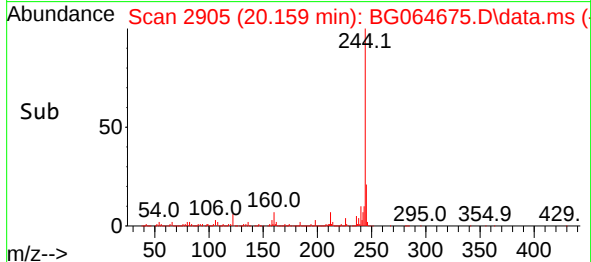
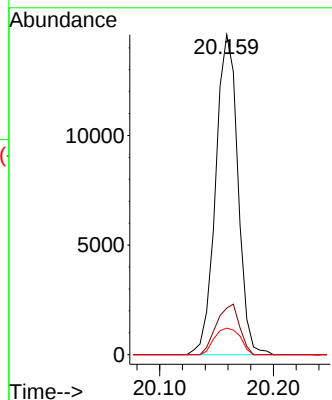
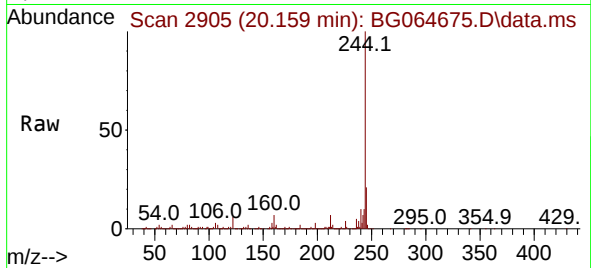




#77
Benzidine
Concen: 2.745 ng
RT: 20.159 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

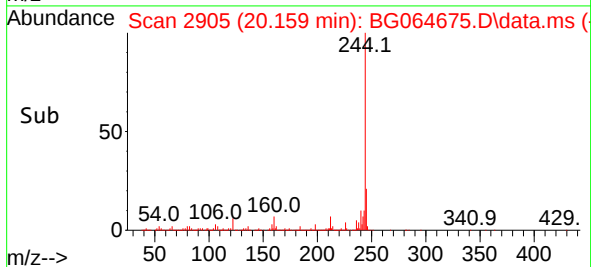
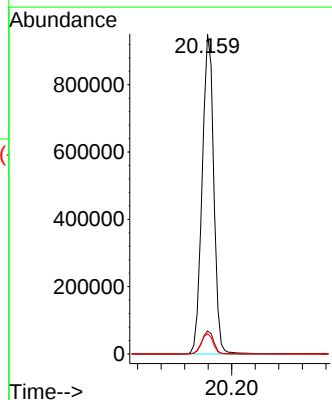
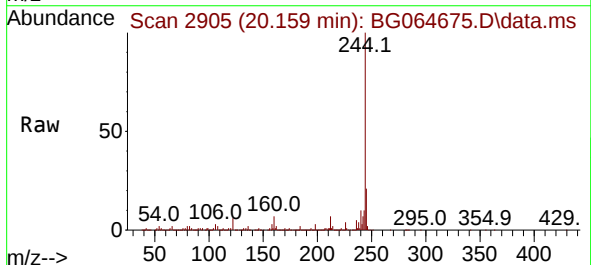
Instrument :
BNA_G
ClientSampleId :
PB170216BL

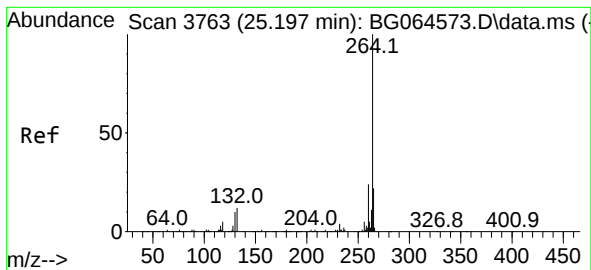
Tgt Ion:184 Resp: 19834
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 8.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.937 ng
RT: 20.159 min Scan# 2905
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:244 Resp: 1297795
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.4 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.177 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BG064675.D
 Acq: 3 Nov 2025 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB170216BL

Tgt Ion:264 Resp: 339110
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 23.3 17.6 26.4

