

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064678.D
 Acq On : 3 Nov 2025 18:41
 Operator : RC/JU
 Sample : Q3399-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Nov 04 00:44:49 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)

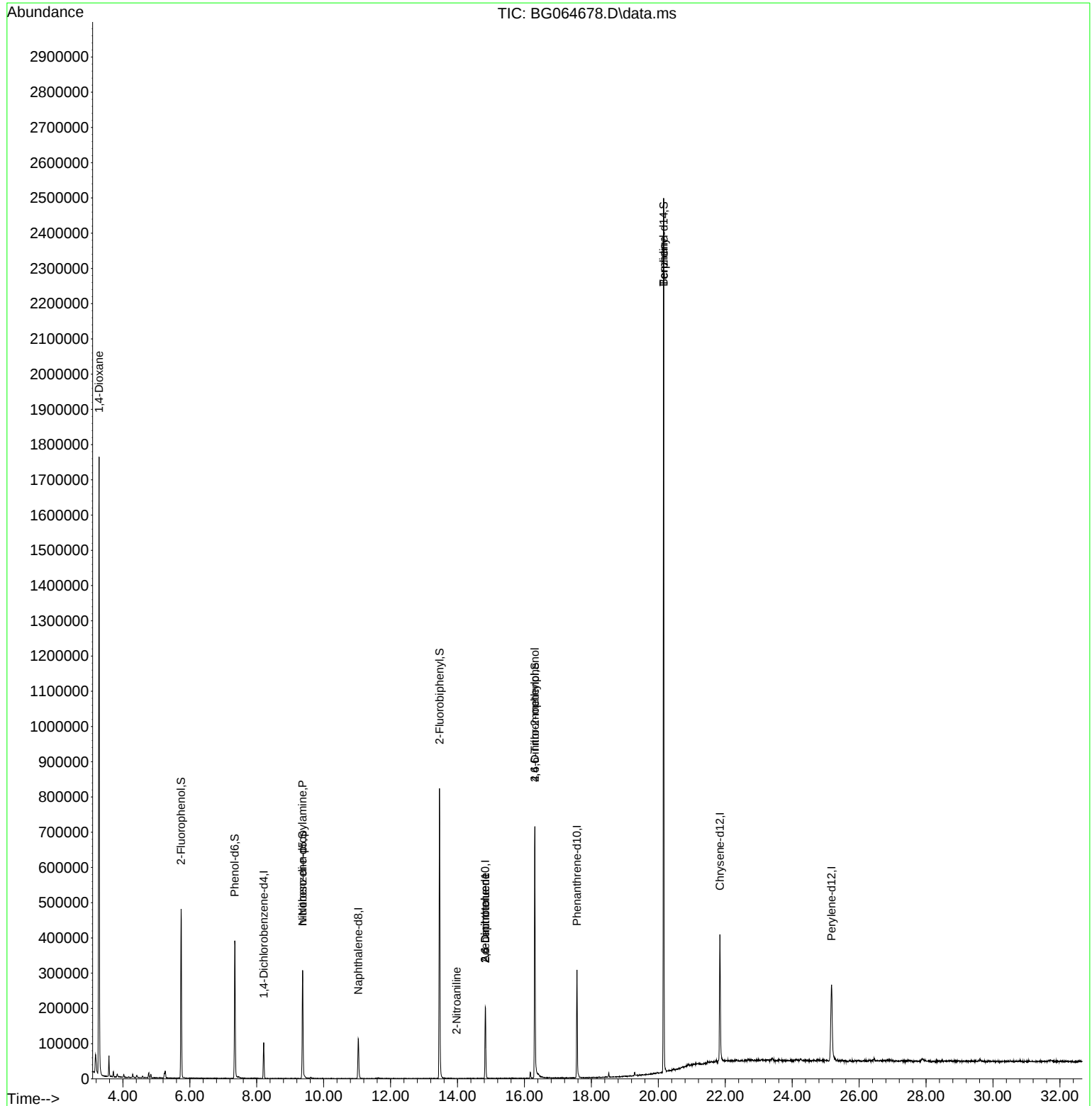
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	28350	20.000	ng	-0.02
21) Naphthalene-d8	11.033	136	106669	20.000	ng	#-0.02
39) Acenaphthene-d10	14.829	164	82537	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	212744	20.000	ng	-0.02
76) Chrysene-d12	21.838	240	266419	20.000	ng	-0.02
86) Perylene-d12	25.176	264	284835	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	191595	113.436	ng	0.00
7) Phenol-d6	7.343	99	216228	93.295	ng	0.00
23) Nitrobenzene-d5	9.370	82	179538	101.093	ng	-0.02
42) 2,4,6-Tribromophenol	16.309	330	170642	143.245	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	474184	87.081	ng	-0.02
79) Terphenyl-d14	20.158	244	1259215	89.196	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	13401	17.921	ng	# 1
19) n-Nitroso-di-n-propyla...	9.370	70	23685	14.787	ng	# 72
48) 2-Nitroaniline	13.971	65	61	3.263	ng	# 10
51) 2,6-Dinitrotoluene	14.829	165	10618	12.704	ng	# 19
57) 2,4-Dinitrotoluene	14.829	165	10618	9.222	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.309	198	270	5.682	ng	# 1
77) Benzidine	20.158	184	18950	3.175	ng	# 93

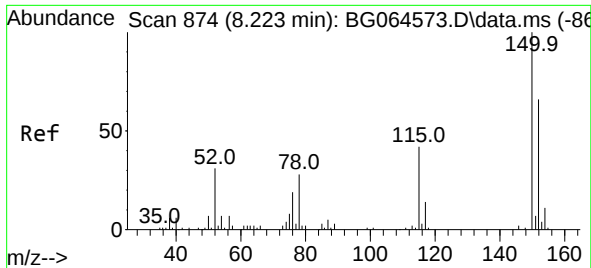
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
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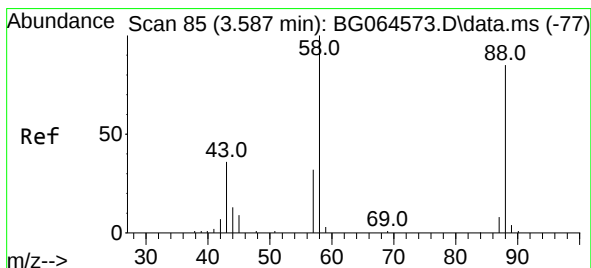
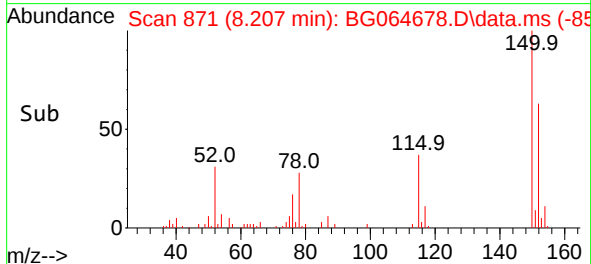
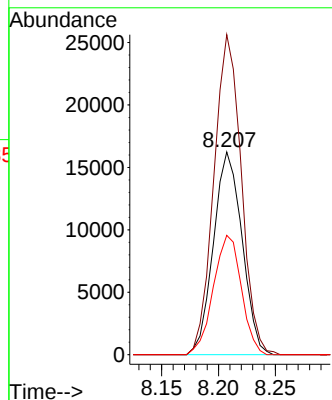
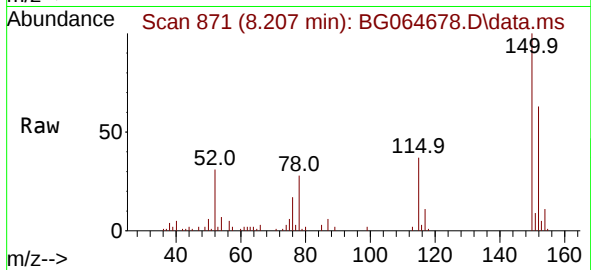




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 81
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

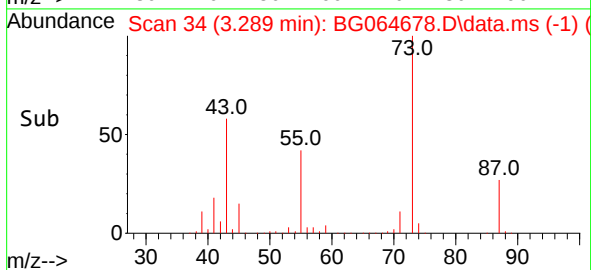
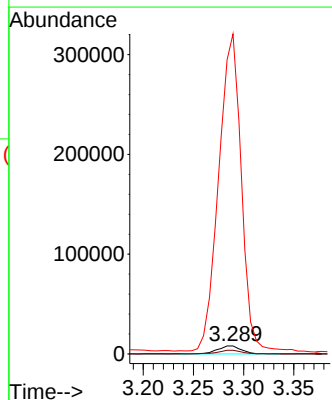
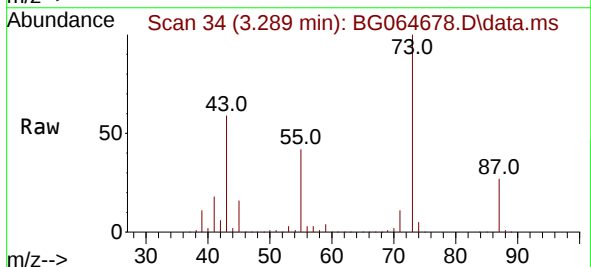
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

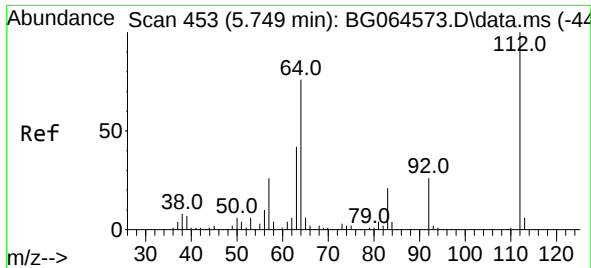
Tgt Ion:152 Resp: 28350
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 58.9 50.8 76.2



#2
1,4-Dioxane
Concen: 17.921 ng
RT: 3.289 min Scan# 34
Delta R.T. -0.298 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion: 88 Resp: 13401
Ion Ratio Lower Upper
88 100
58 46.6 92.4 138.6#
43 3750.5 33.0 49.6#

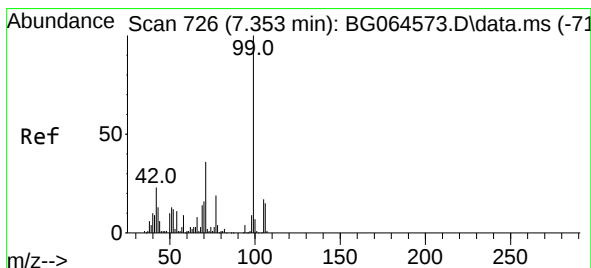
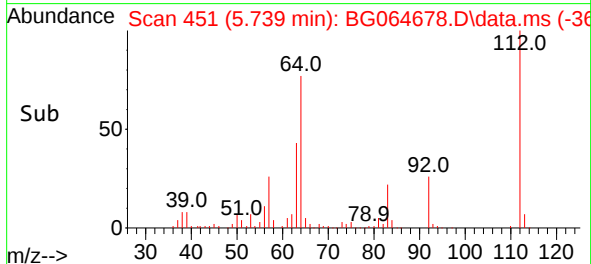
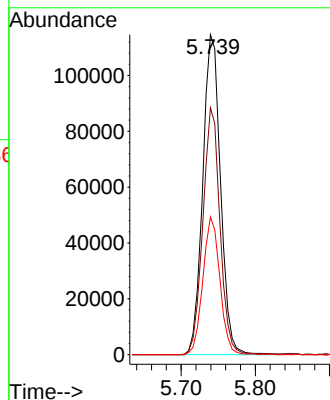
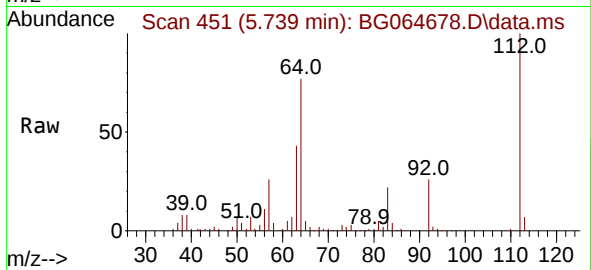




#5
2-Fluorophenol
Concen: 113.436 ng
RT: 5.739 min Scan# 411
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

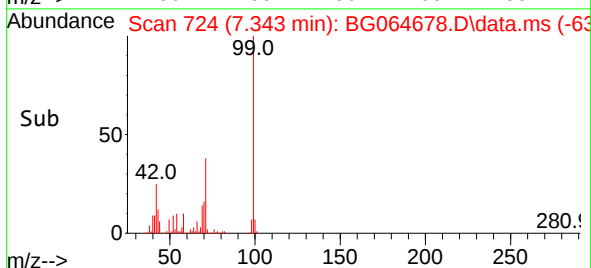
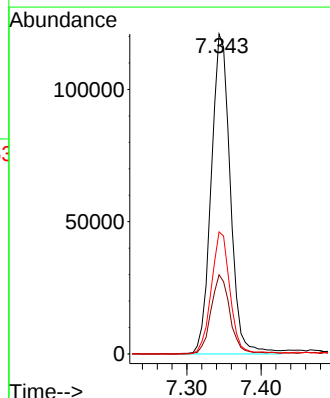
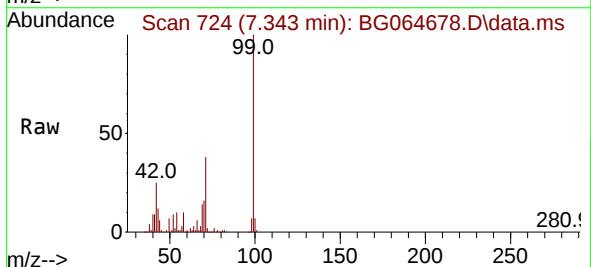
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

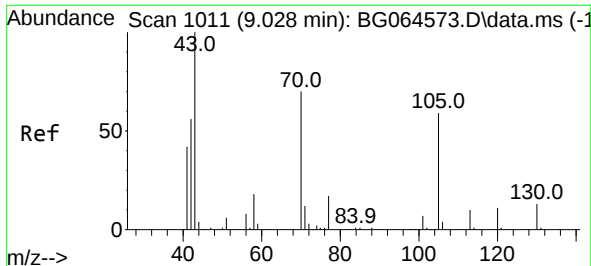
Tgt Ion:112 Resp: 191595
Ion Ratio Lower Upper
112 100
64 77.1 60.7 91.1
63 43.1 33.4 50.0



#7
Phenol-d6
Concen: 93.295 ng
RT: 7.343 min Scan# 724
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion: 99 Resp: 216228
Ion Ratio Lower Upper
99 100
42 24.8 18.3 27.5
71 38.2 28.6 43.0

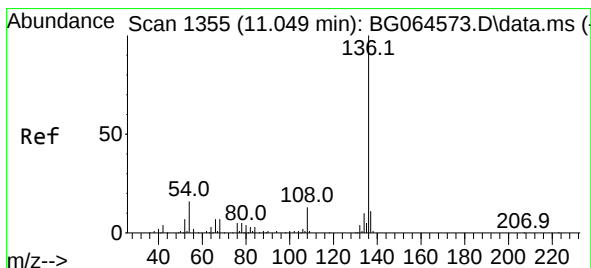
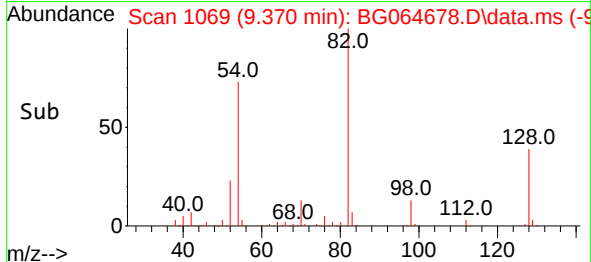
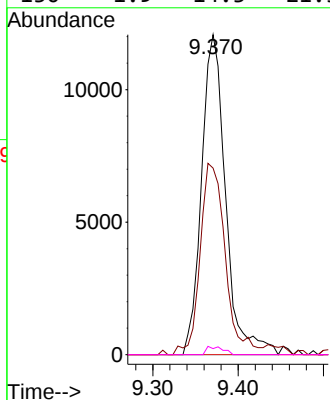
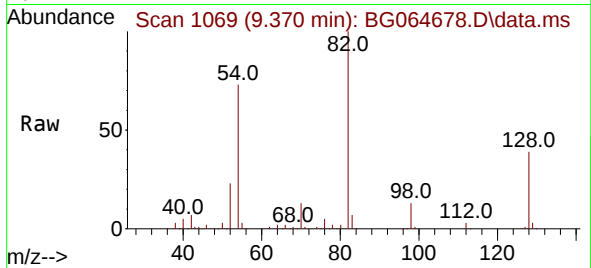




#19
n-Nitroso-di-n-propylamine
Concen: 14.787 ng
RT: 9.370 min Scan# 1069
Delta R.T. 0.343 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

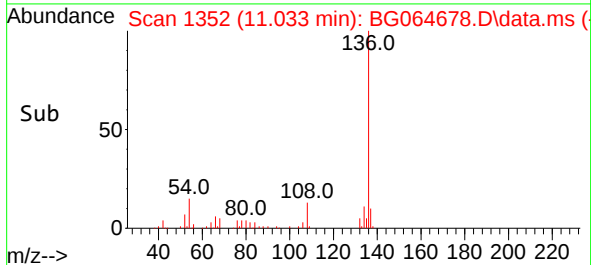
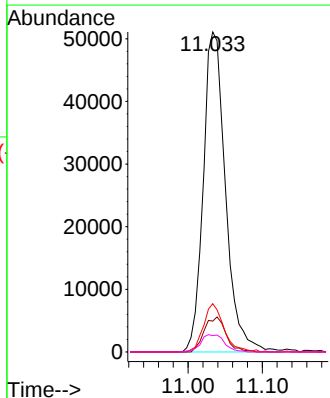
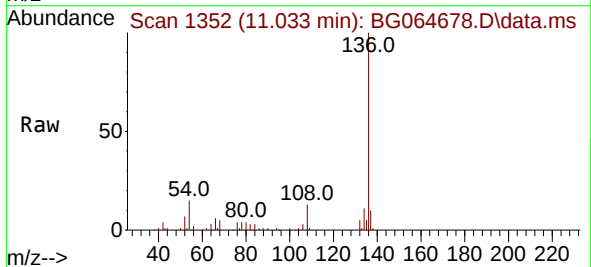
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

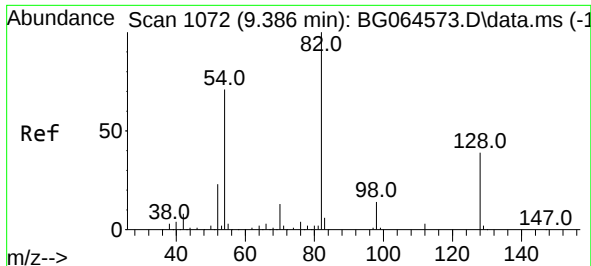
Tgt Ion: 70 Resp: 23685
Ion Ratio Lower Upper
70 100
42 58.3 65.2 97.8#
101 0.0 7.9 11.9#
130 1.9 14.3 21.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.033 min Scan# 1352
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:136 Resp: 106669
Ion Ratio Lower Upper
136 100
137 9.7 9.2 13.8
54 15.1 12.6 19.0
68 5.1 5.7 8.5#

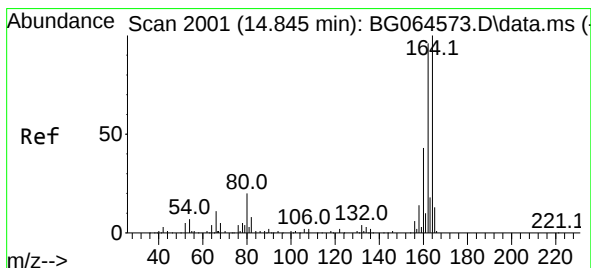
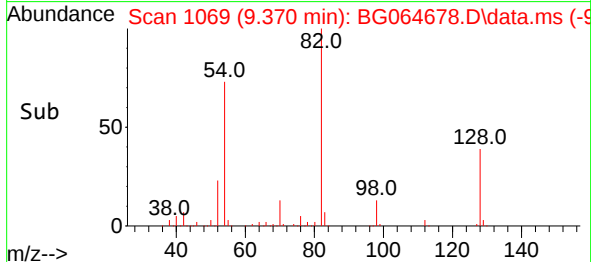
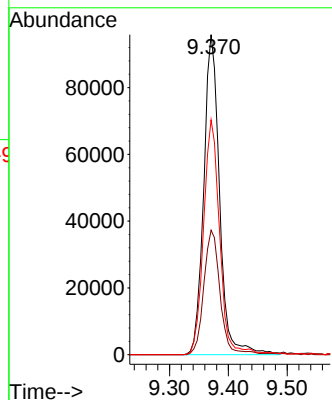
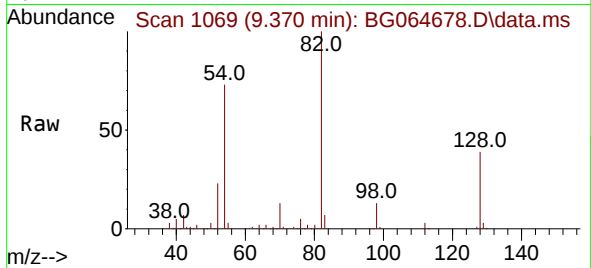




#23
Nitrobenzene-d5
Concen: 101.093 ng
RT: 9.370 min Scan# 1069
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

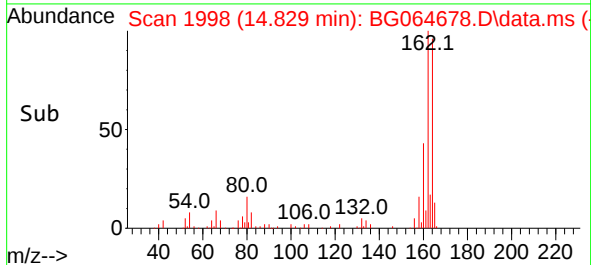
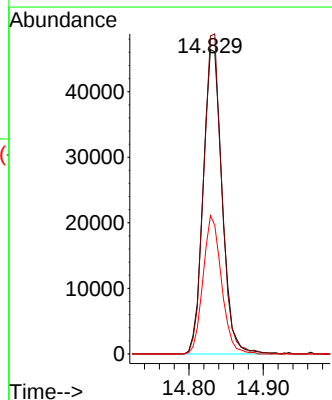
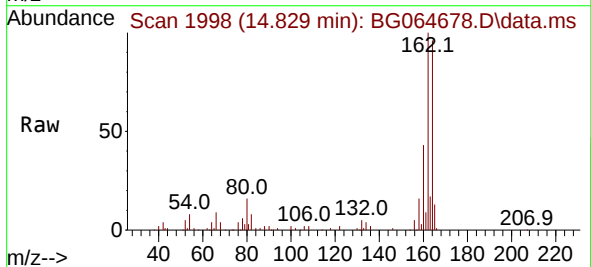
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

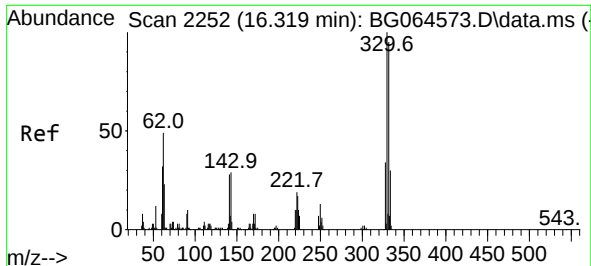
Tgt Ion: 82 Resp: 179538
Ion Ratio Lower Upper
82 100
128 38.9 31.3 46.9
54 73.4 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion: 164 Resp: 82537
Ion Ratio Lower Upper
164 100
162 104.5 77.0 115.6
160 45.4 34.4 51.6

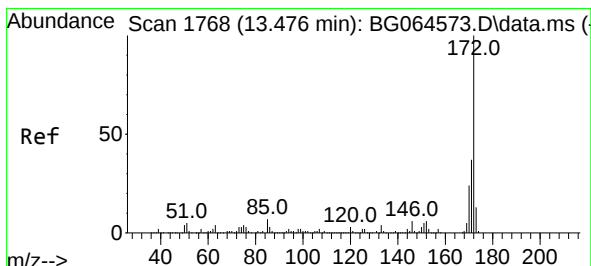
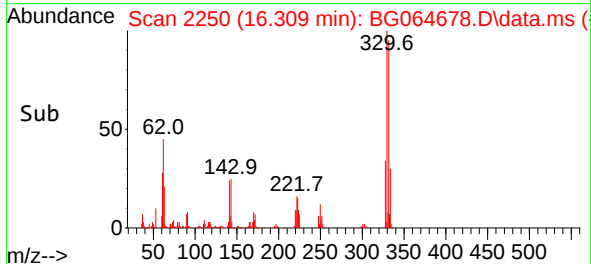
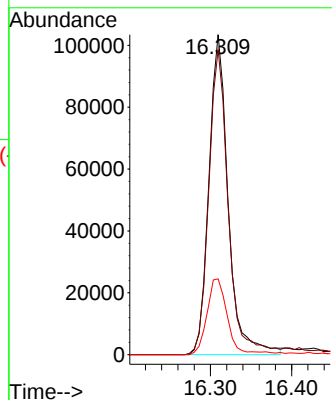
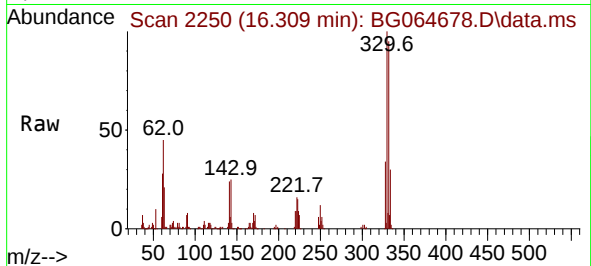




#42
2,4,6-Tribromophenol
Concen: 143.245 ng
RT: 16.309 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

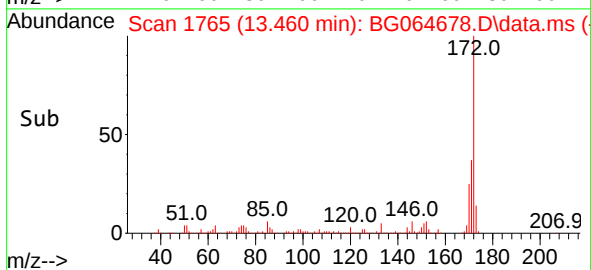
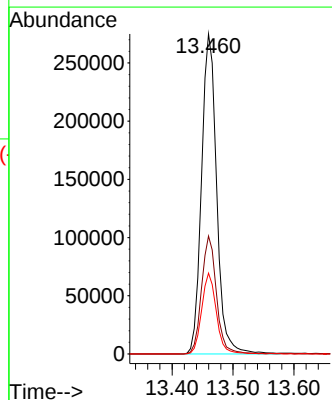
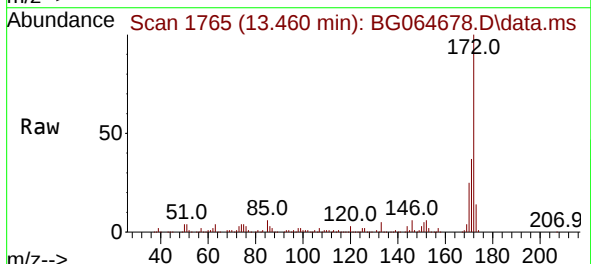
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

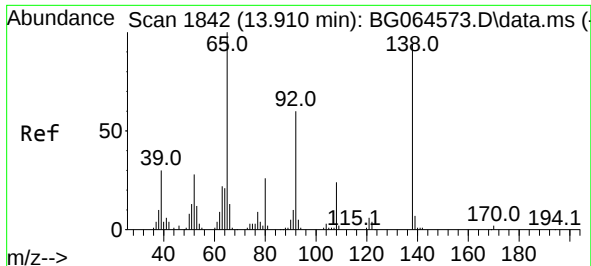
Tgt Ion:330 Resp: 170642
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 25.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 87.081 ng
RT: 13.460 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:172 Resp: 474184
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.3 19.1 28.7

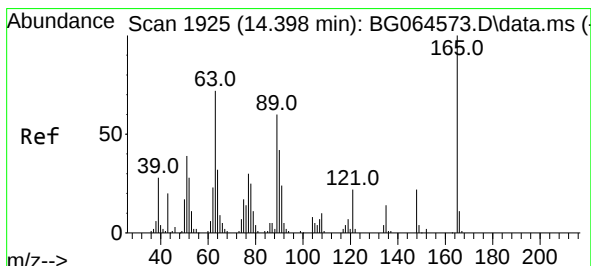
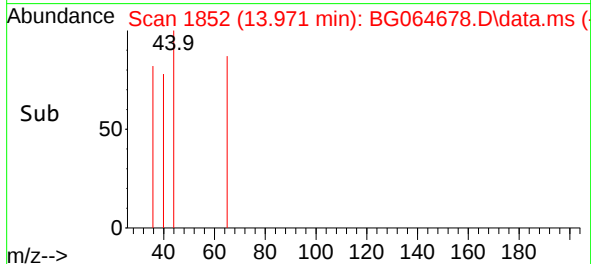
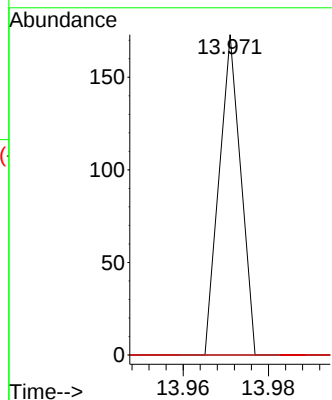
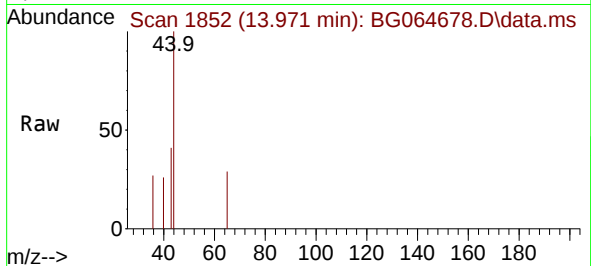




#48
2-Nitroaniline
Concen: 3.263 ng
RT: 13.971 min Scan# 11
Delta R.T. 0.061 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

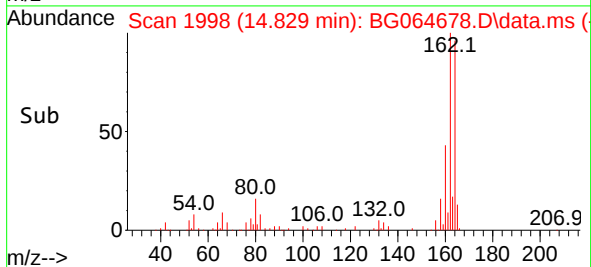
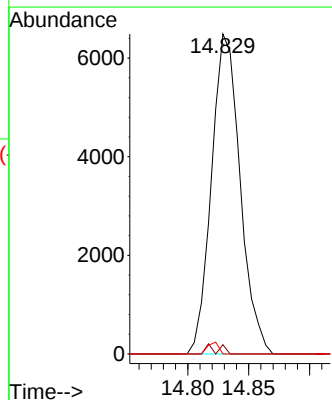
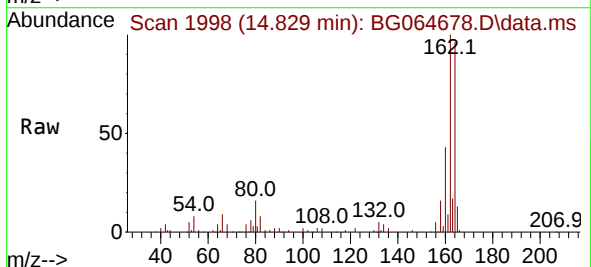
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BNA_G
ClientSampleId :
COMP-ROLLOFF

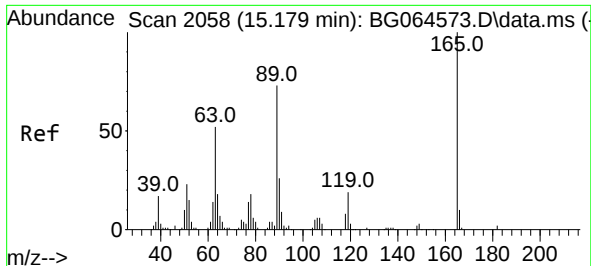
Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 48.3 72.5#
138 0.0 74.9 112.3#



#51
2,6-Dinitrotoluene
Concen: 12.704 ng
RT: 14.829 min Scan# 1998
Delta R.T. 0.431 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:165 Resp: 10618
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: 9.222 ng

RT: 14.829 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG064678.D

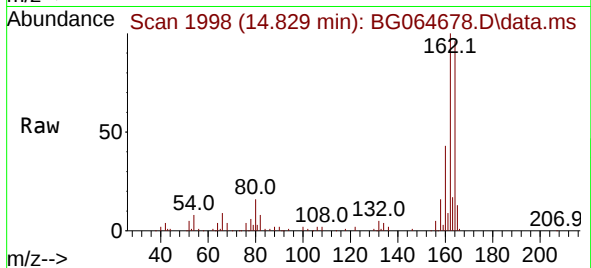
Acq: 3 Nov 2025 18:41

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFF



Tgt Ion:165 Resp: 10618

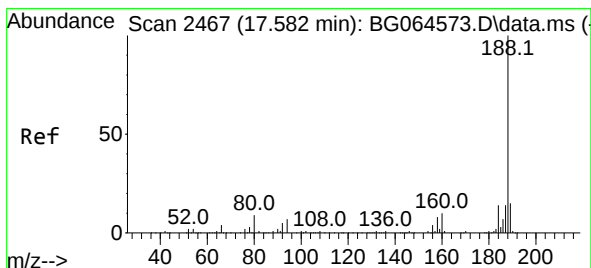
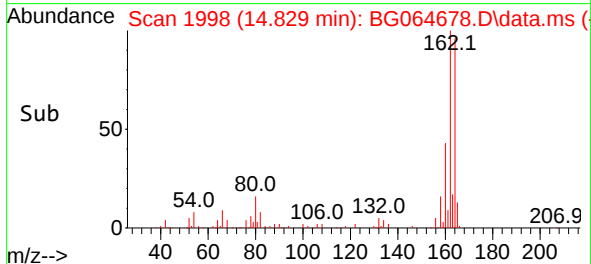
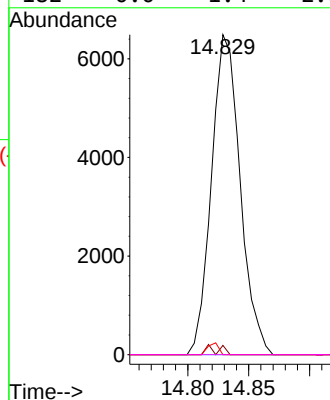
Ion Ratio Lower Upper

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: 17.567 min Scan# 2464

Delta R.T. -0.016 min

Lab File: BG064678.D

Acq: 3 Nov 2025 18:41

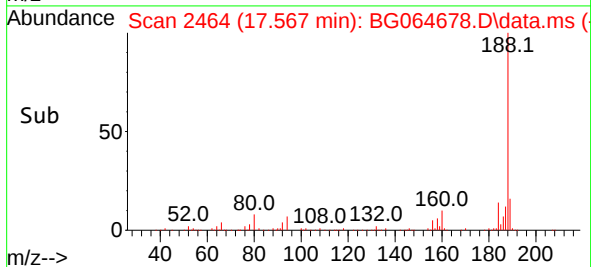
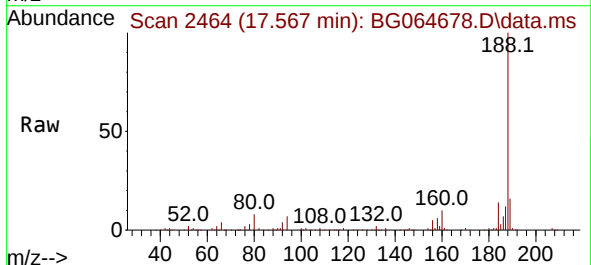
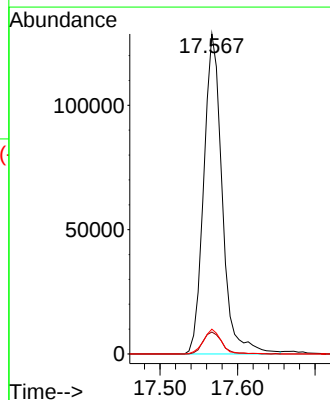
Tgt Ion:188 Resp: 212744

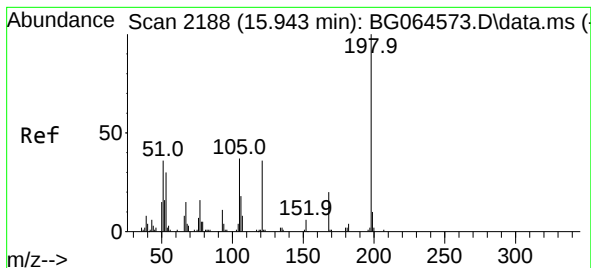
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

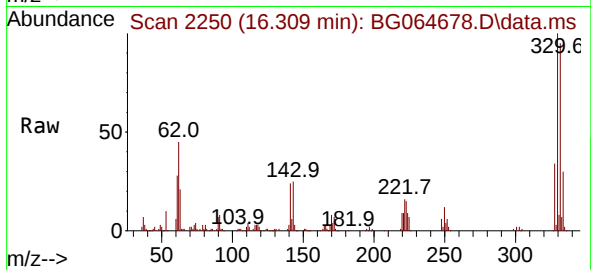
80 7.7 6.8 10.2



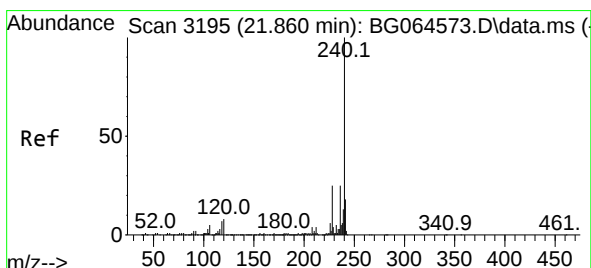
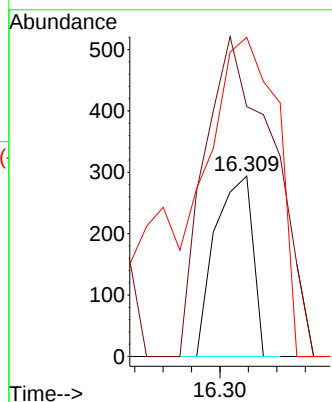
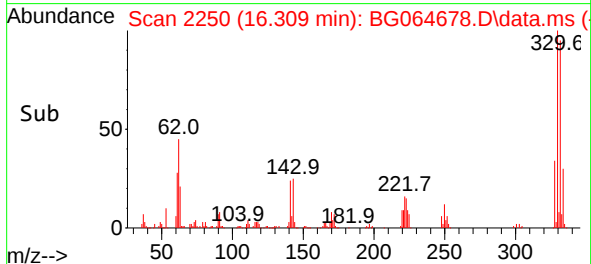


#65
4,6-Dinitro-2-methylphenol
Concen: 5.682 ng
RT: 16.309 min Scan# 2188
Delta R.T. 0.366 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

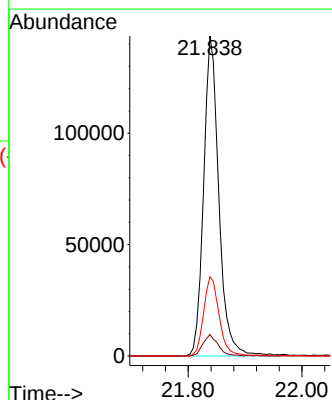
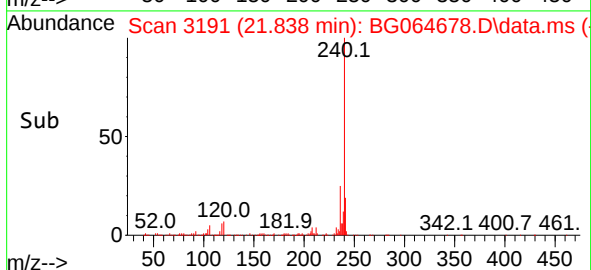
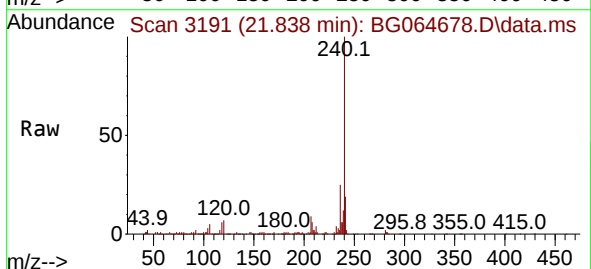


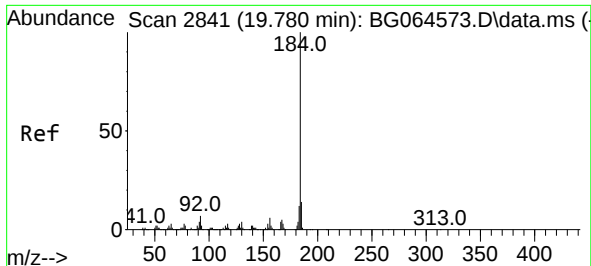
Tgt Ion:198 Resp: 270
Ion Ratio Lower Upper
198 100
51 138.4 24.7 64.7#
105 176.9 18.0 58.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.838 min Scan# 3191
Delta R.T. -0.022 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:240 Resp: 266419
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 24.8 20.2 30.2

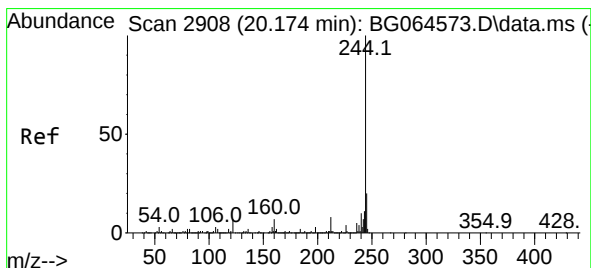
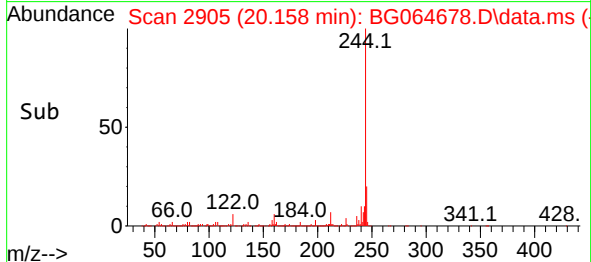
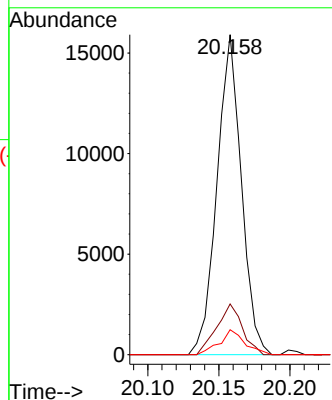
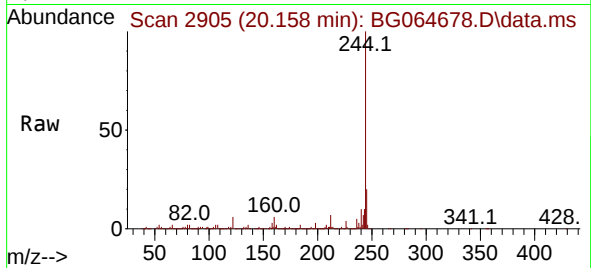




#77
Benzidine
Concen: 3.175 ng
RT: 20.158 min Scan# 2905
Delta R.T. 0.378 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

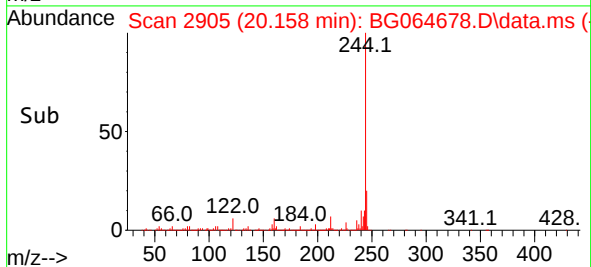
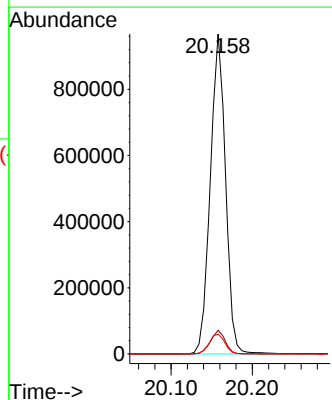
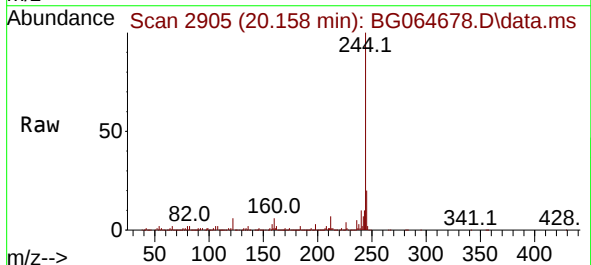
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

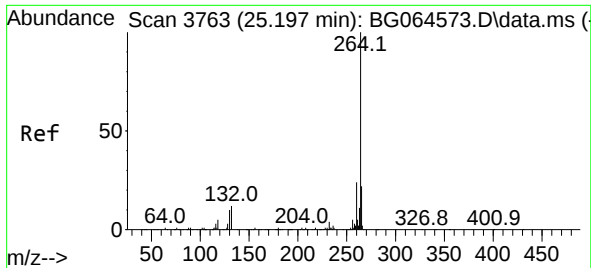
Tgt Ion:184 Resp: 18950
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.2
183 7.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 89.196 ng
RT: 20.158 min Scan# 2905
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

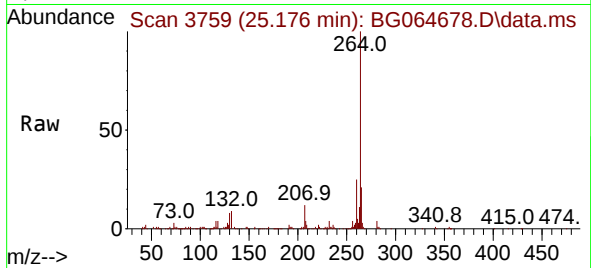
Tgt Ion:244 Resp: 1259215
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.2 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.176 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: BG064678.D
 Acq: 3 Nov 2025 18:41

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFF



Tgt Ion:264 Resp: 284835

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	20.8	17.6	26.4

