

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064190.D
 Acq On : 4 Apr 2025 6:47
 Operator : RC/JU
 Sample : Q1694-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:26:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

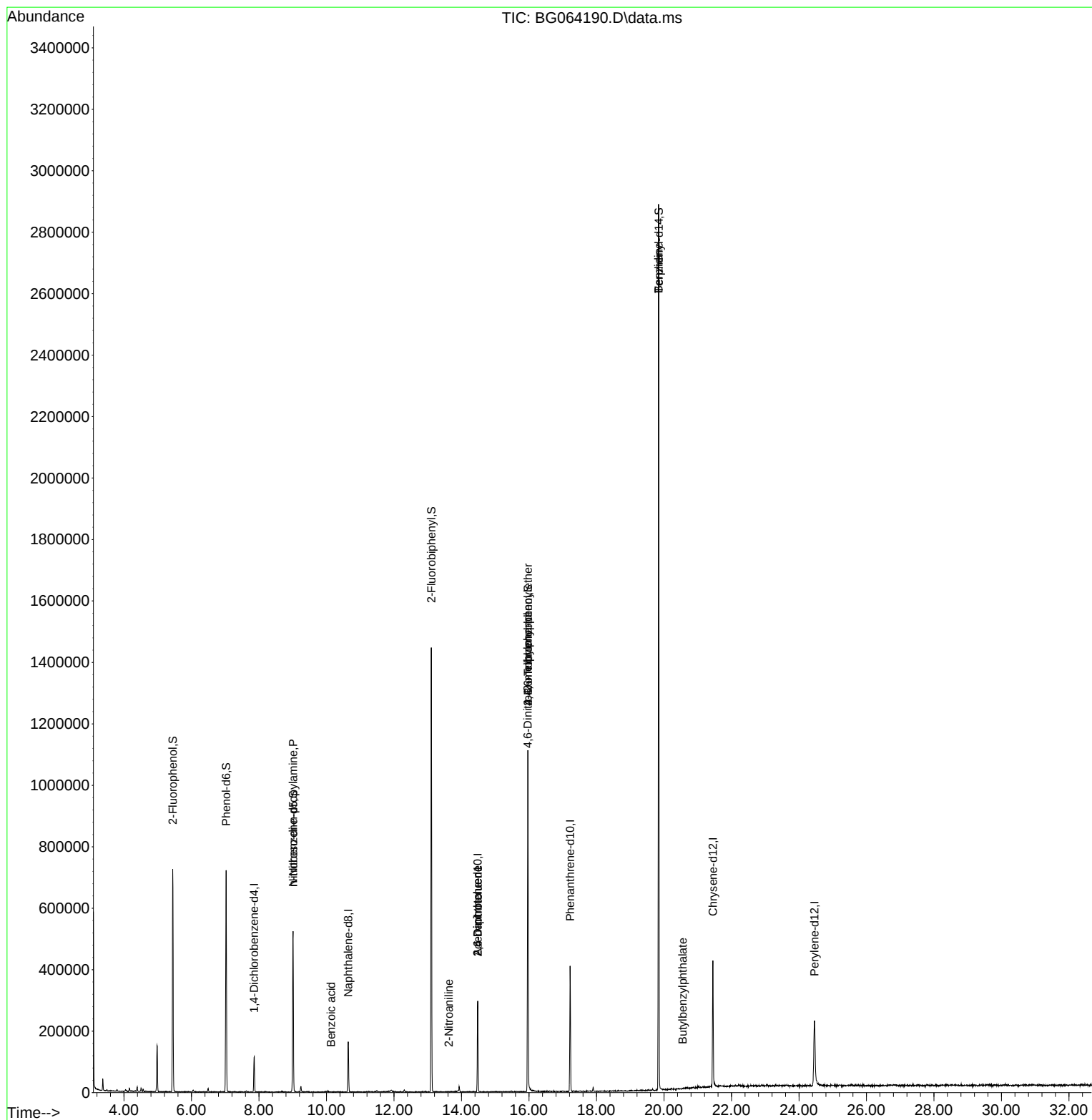
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	27721	20.000	ng	-0.01
21) Naphthalene-d8	10.644	136	125195	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	96709	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	227945	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	237605	20.000	ng	-0.01
86) Perylene-d12	24.458	264	238801	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	265189	149.373	ng	0.00
7) Phenol-d6	7.025	99	329052	136.245	ng	0.00
23) Nitrobenzene-d5	9.011	82	274964	121.371	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	187839	174.736	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	675950	106.093	ng	-0.01
79) Terphenyl-d14	19.845	244	1294530	110.163	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	39054	23.041	ng	# 71
32) Benzoic acid	10.139	122	65	8.732	ng	91
48) 2-Nitroaniline	13.623	65	55	3.247	ng	# 11
51) 2,6-Dinitrotoluene	14.481	165	14284	12.530	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	14284	10.251	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.962	198	759	8.818	ng	# 1
67) 4-Bromophenyl-phenylether	15.968	248	13123	5.621	ng	# 1
77) Benzidine	19.840	184	25419	7.726	ng	# 96
80) Butylbenzylphthalate	20.556	149	177	3.666	ng	# 70

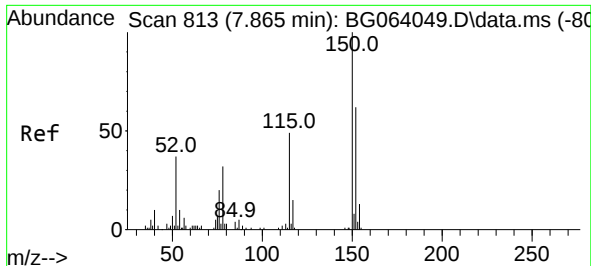
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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BNA_G
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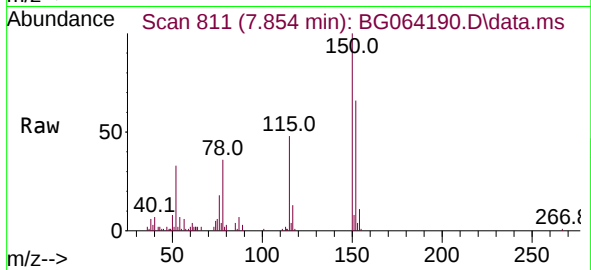
Quant Time: Apr 04 07:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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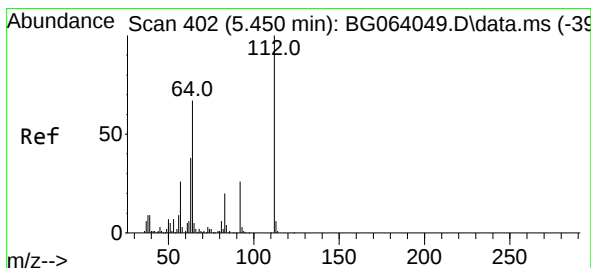
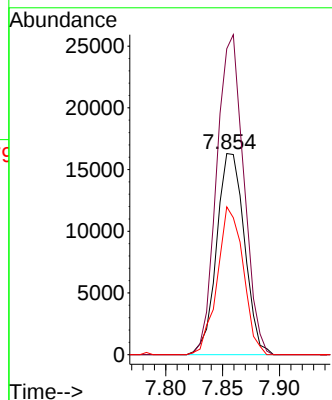
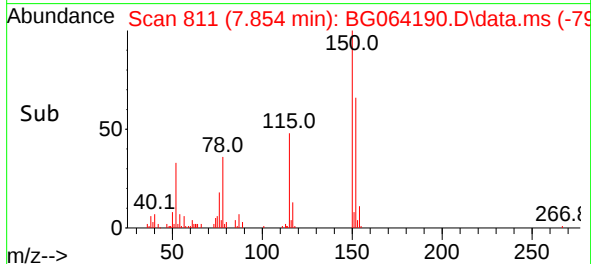


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 813
Delta R.T. -0.011 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Instrument :
BNA_G
ClientSampleId :

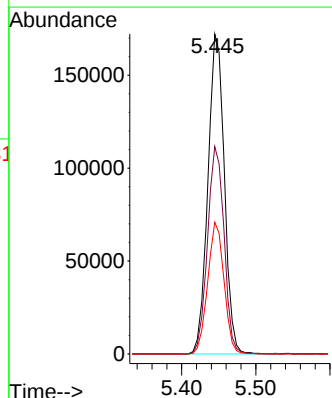
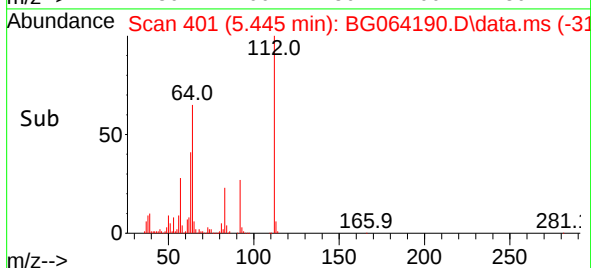
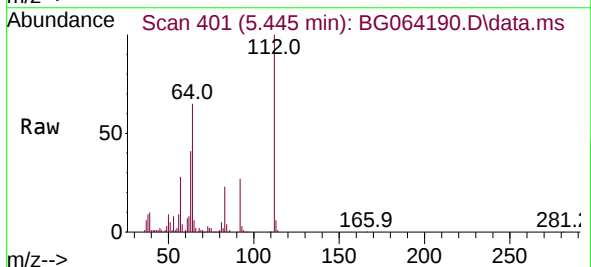


Tgt Ion:152 Resp: 27721
Ion Ratio Lower Upper
152 100
150 152.1 129.2 193.8
115 73.5 63.0 94.6



#5
2-Fluorophenol
Concen: 149.373 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

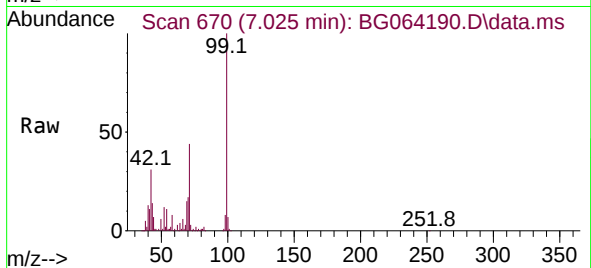
Tgt Ion:112 Resp: 265189
Ion Ratio Lower Upper
112 100
64 64.8 53.7 80.5
63 41.1 30.2 45.4



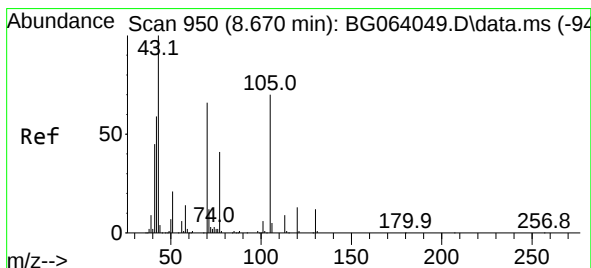
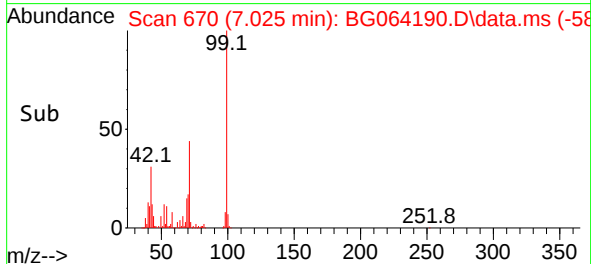
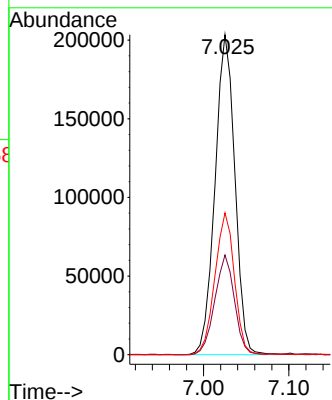


#7
Phenol-d6
Concen: 136.245 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Instrument :
BNA_G
ClientSampleId :

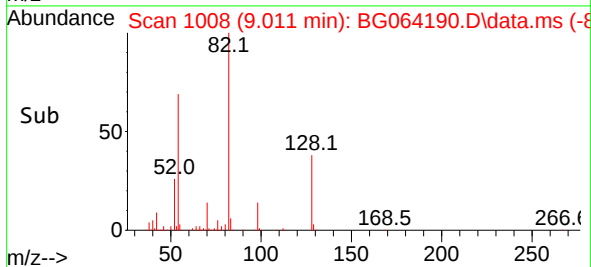
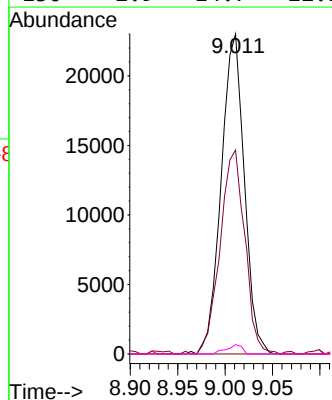
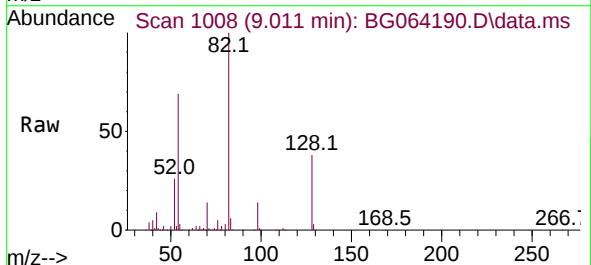


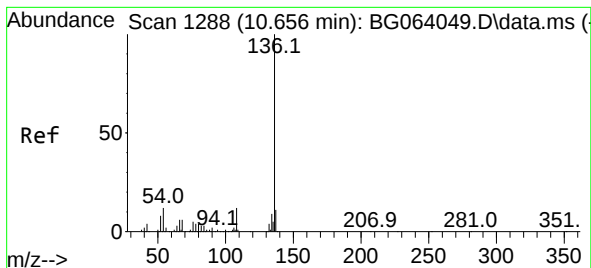
Tgt Ion: 99 Resp: 329052
Ion Ratio Lower Upper
99 100
42 31.2 22.7 34.1
71 44.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.041 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion: 70 Resp: 39054
Ion Ratio Lower Upper
70 100
42 63.8 72.1 108.1#
101 0.0 7.2 10.8#
130 2.9 14.7 22.1#

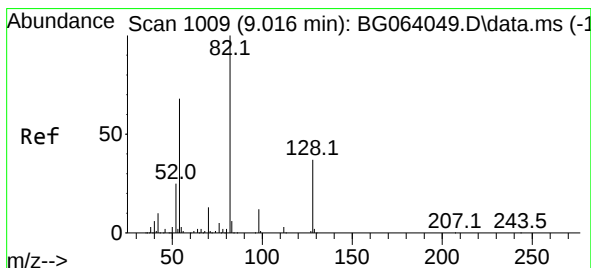
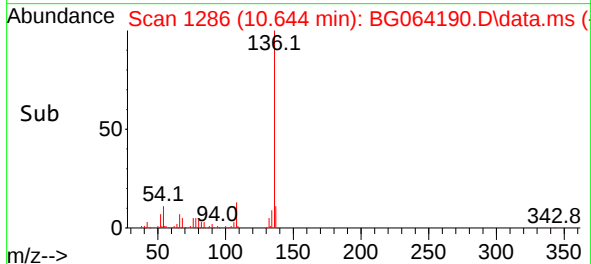
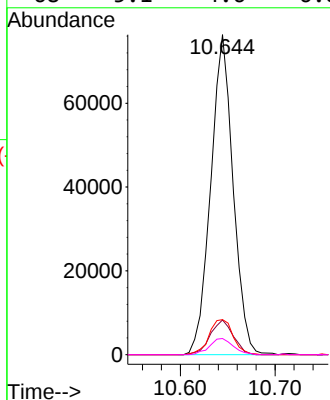
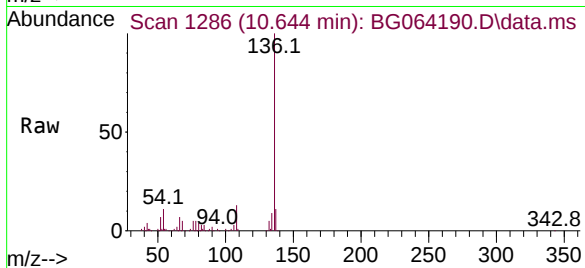




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

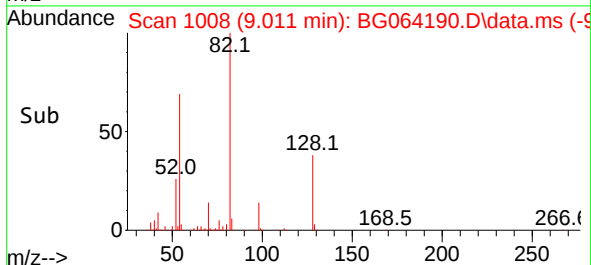
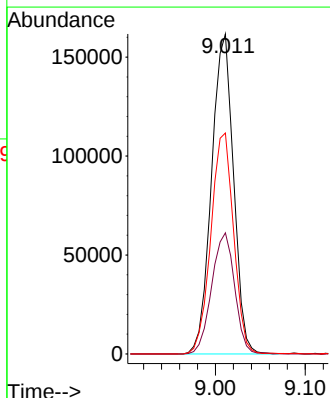
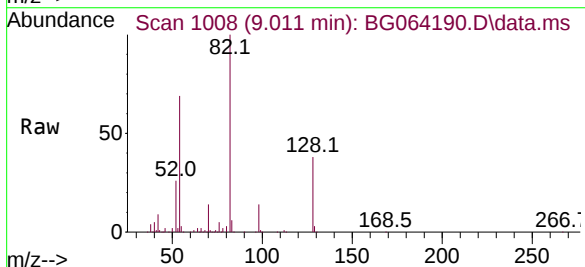
Instrument :
BNA_G
ClientSampleId :

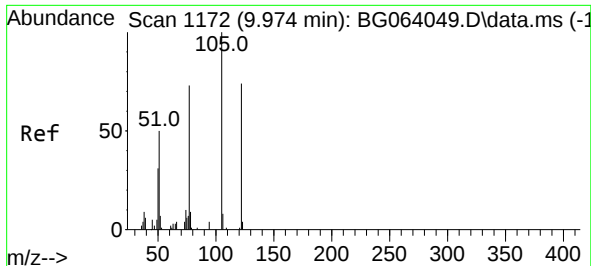
Tgt Ion:136 Resp: 125195
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.0 9.9 14.9
68 5.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 121.371 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

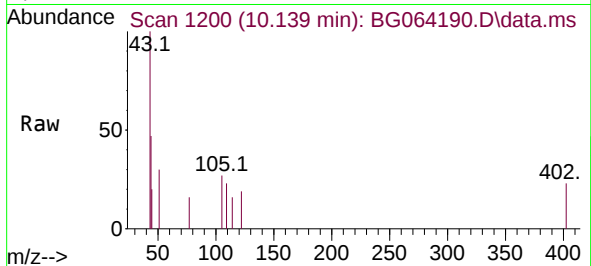
Tgt Ion: 82 Resp: 274964
Ion Ratio Lower Upper
82 100
128 37.8 30.0 45.0
54 69.0 54.7 82.1



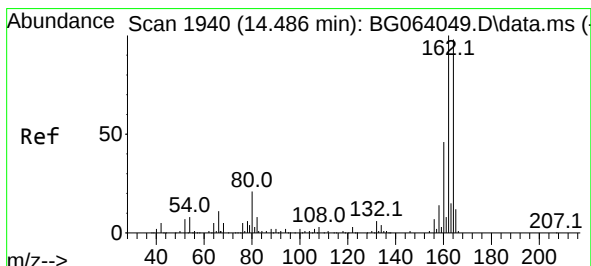
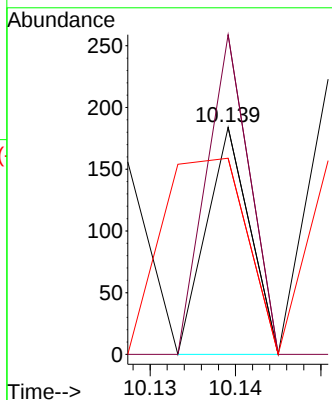
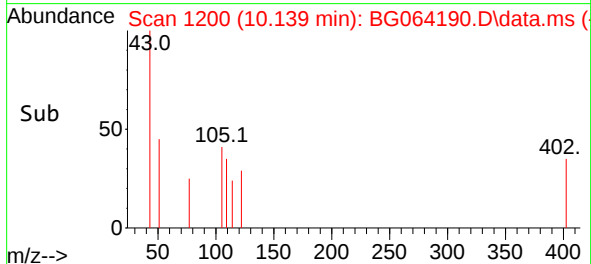


#32
Benzoic acid
Concen: 8.732 ng
RT: 10.139 min Scan# 1172
Delta R.T. 0.165 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

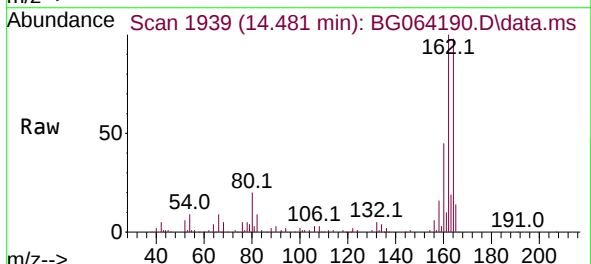
Instrument :
BNA_G
ClientSampleId :



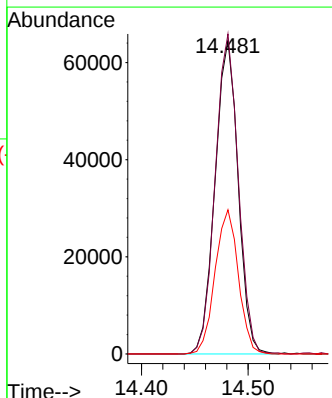
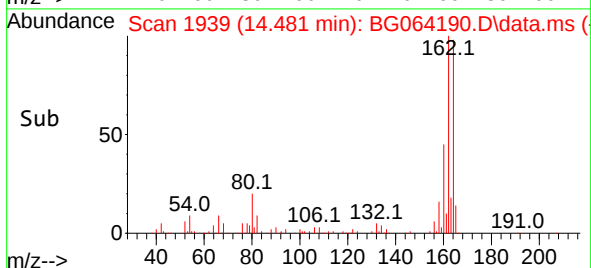
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 140.8 115.0 155.0
77 86.4 80.9 120.9

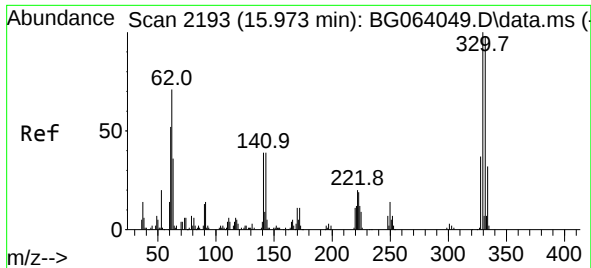


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47



Tgt Ion:164 Resp: 96709
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 46.0 37.0 55.6

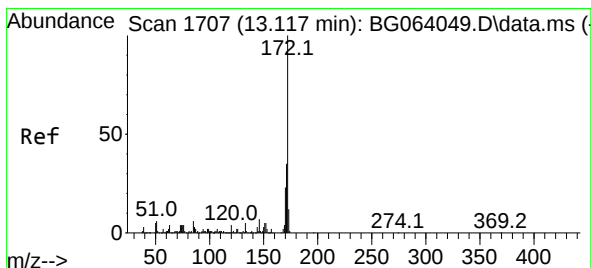
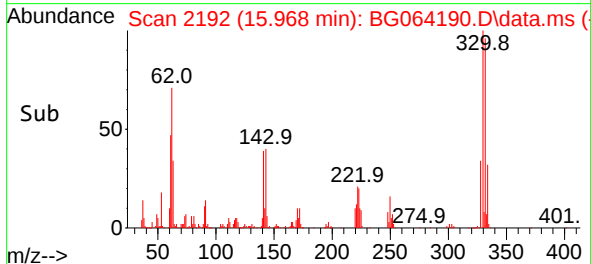
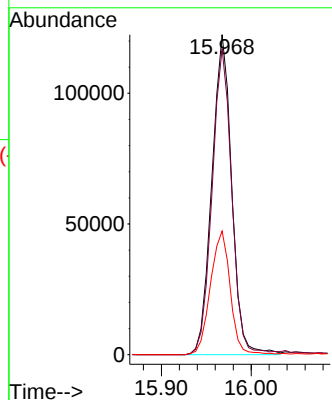
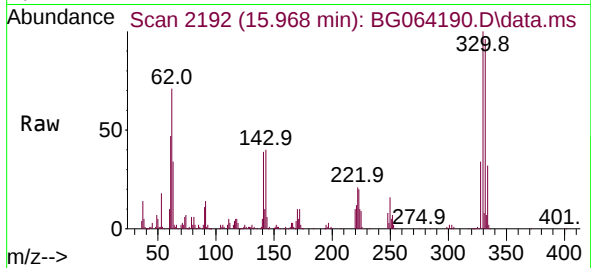




#42
2,4,6-Tribromophenol
Concen: 174.736 ng
RT: 15.968 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

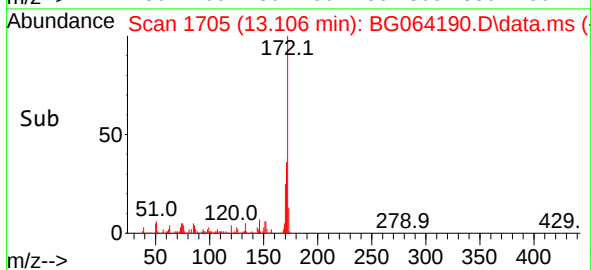
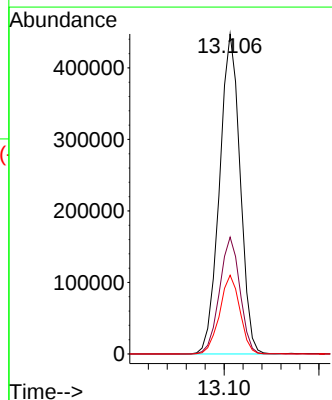
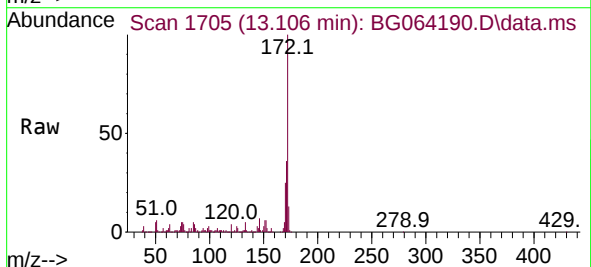
Instrument :
BNA_G
ClientSampleId :

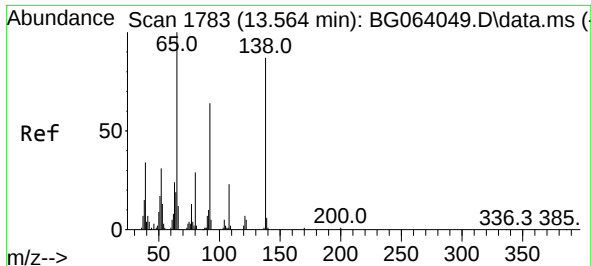
Tgt Ion:330 Resp: 187839
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 38.7 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 106.093 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion:172 Resp: 675950
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.6 18.7 28.1

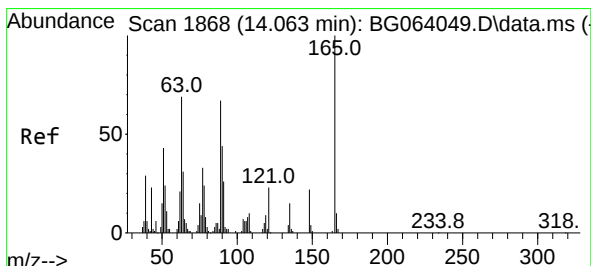
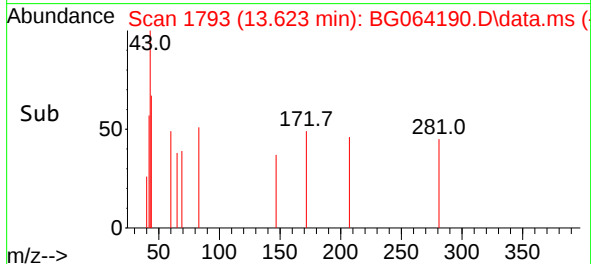
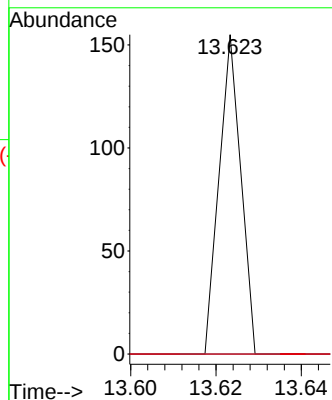
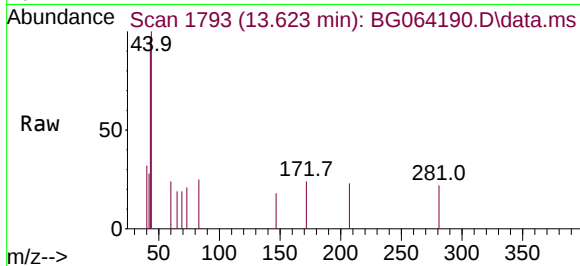




#48
2-Nitroaniline
Concen: 3.247 ng
RT: 13.623 min Scan# 11
Delta R.T. 0.059 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

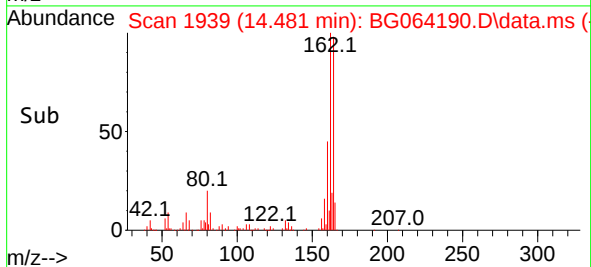
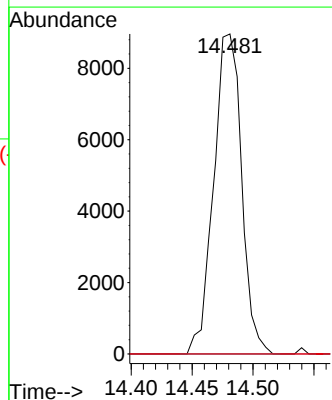
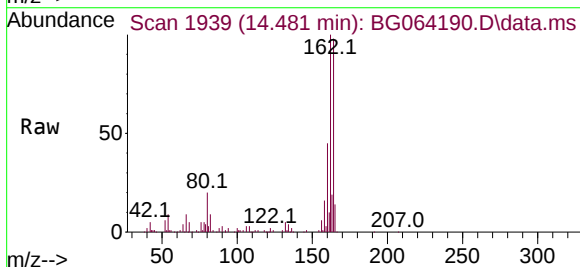
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BNA_G
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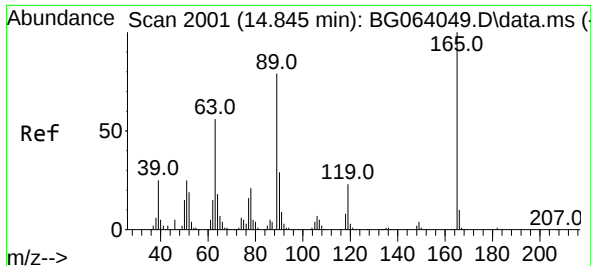
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.530 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

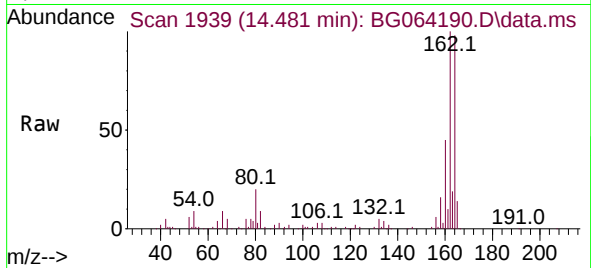
Tgt Ion:165 Resp: 14284
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



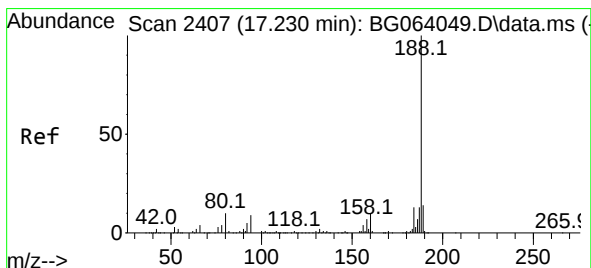
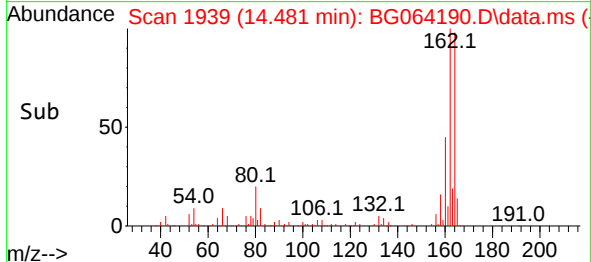
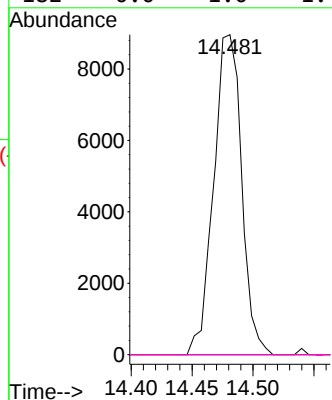


#57
2,4-Dinitrotoluene
Concen: 10.251 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Instrument :
BNA_G
ClientSampleId :

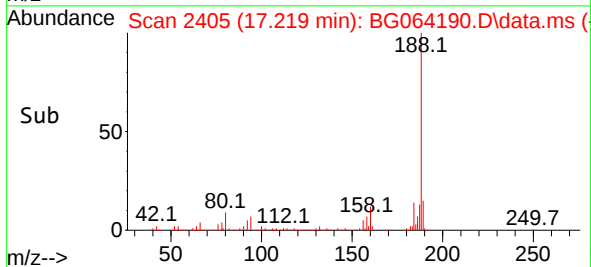
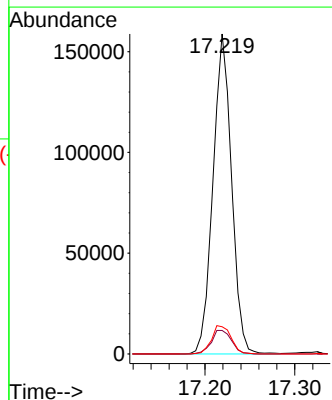
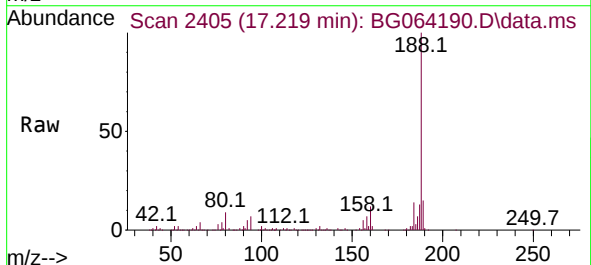


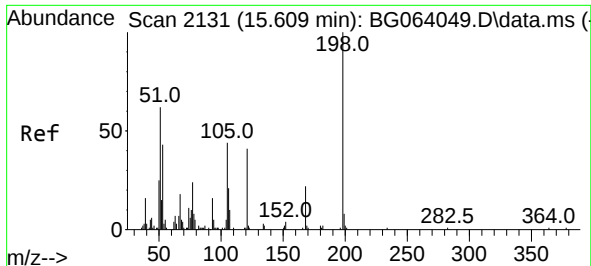
Tgt Ion:165 Resp: 14284
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion:188 Resp: 227945
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.5 8.1 12.1

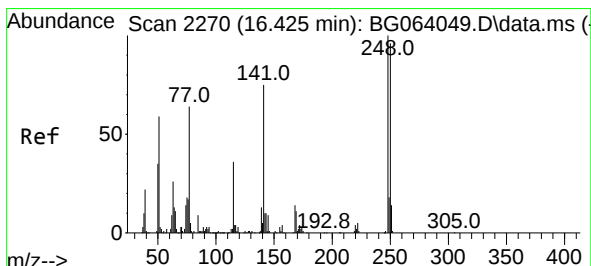
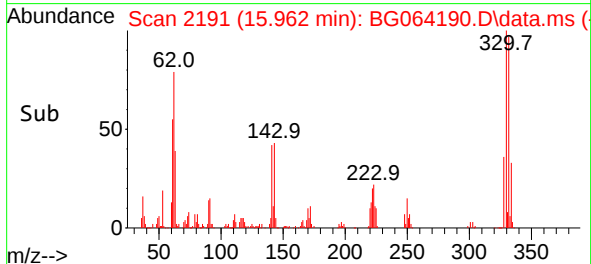
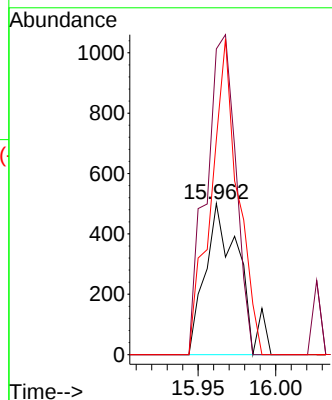
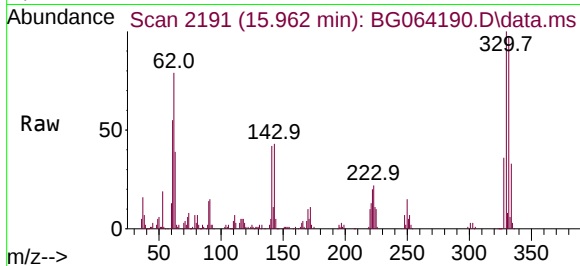




#65
4,6-Dinitro-2-methylphenol
Concen: 8.818 ng
RT: 15.962 min Scan# 2131
Delta R.T. 0.353 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

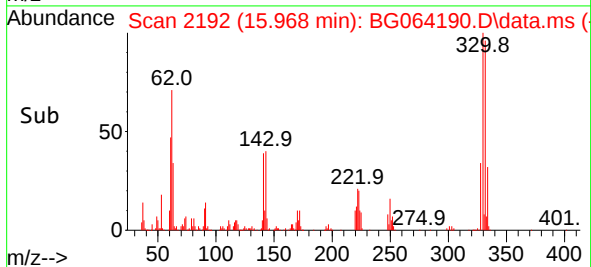
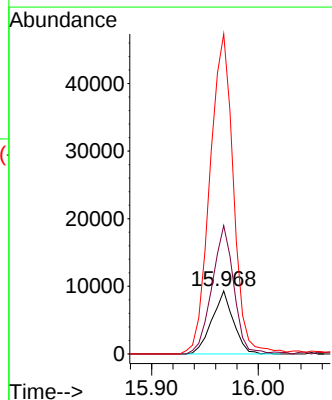
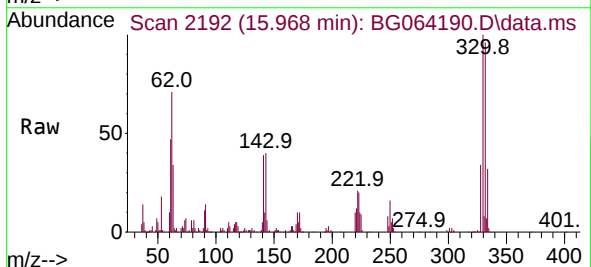
Instrument :
BNA_G
ClientSampleId :

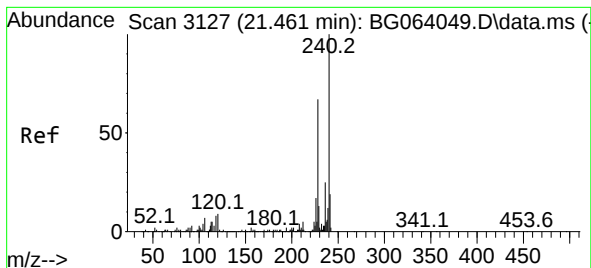
Tgt Ion:198 Resp: 759
Ion Ratio Lower Upper
198 100
51 202.2 45.6 85.6#
105 142.3 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.621 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.458 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion:248 Resp: 13123
Ion Ratio Lower Upper
248 100
250 203.3 77.1 115.7#
141 506.9 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

Instrument :

BNA_G

ClientSampleId :

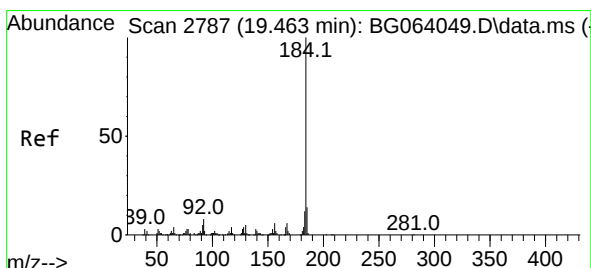
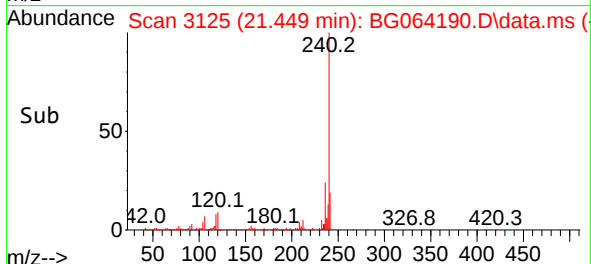
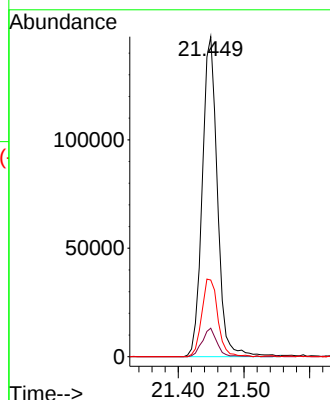
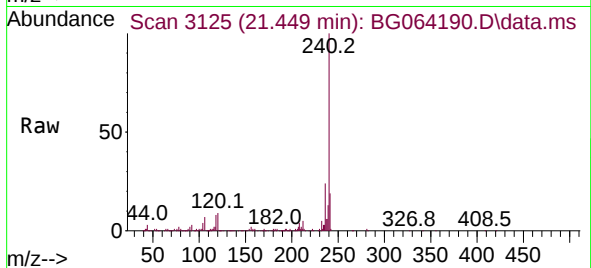
Tgt Ion:240 Resp: 237605

Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 24.0 20.2 30.2



#77

Benzidine

Concen: 7.726 ng

RT: 19.840 min Scan# 2851

Delta R.T. 0.377 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

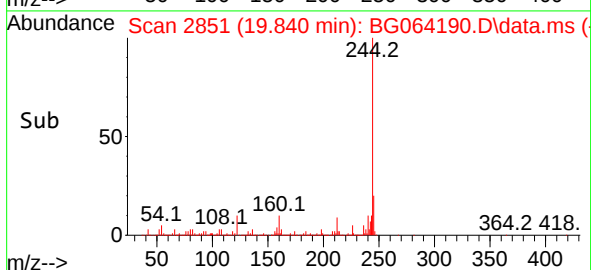
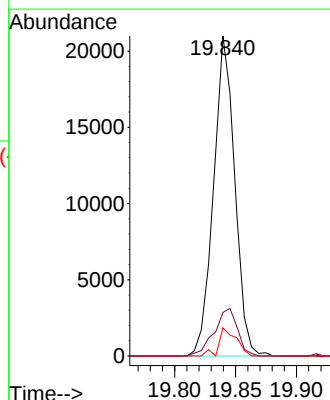
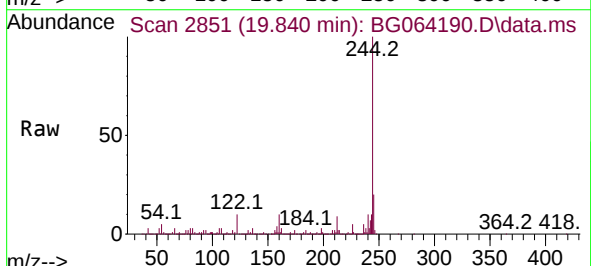
Tgt Ion:184 Resp: 25419

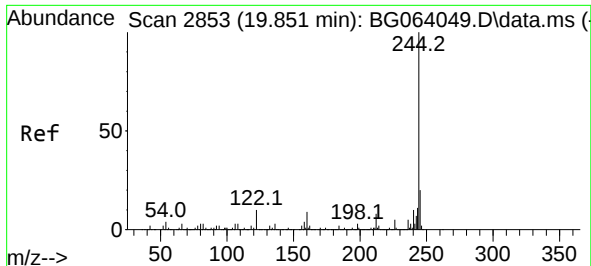
Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

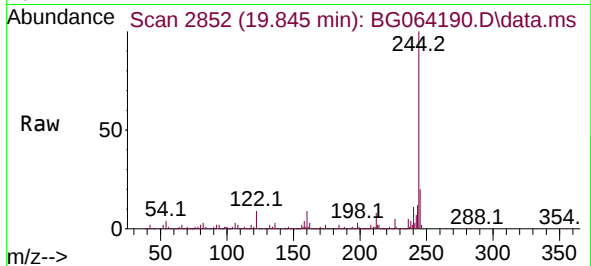
183 8.8 9.5 14.3#



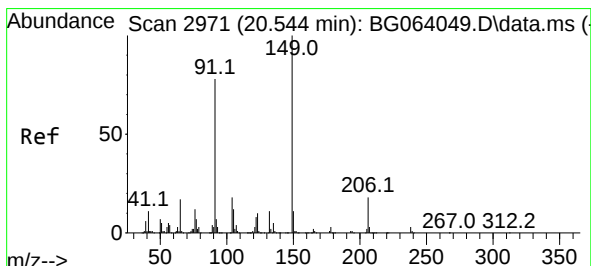
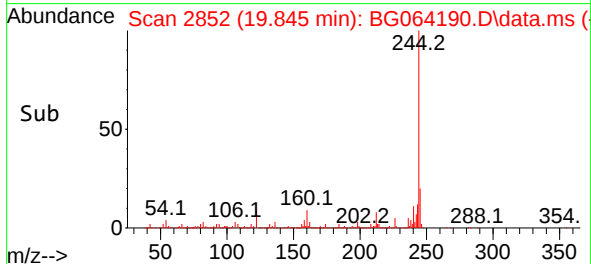
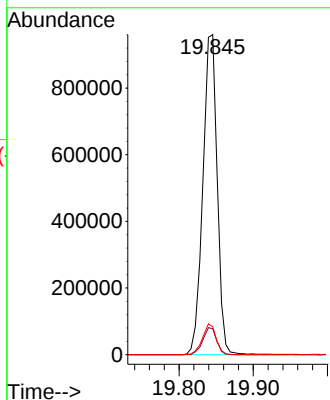


#79
 Terphenyl-d14
 Concen: 110.163 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064190.D
 Acq: 4 Apr 2025 6:47

Instrument :
 BNA_G
 ClientSampleId :

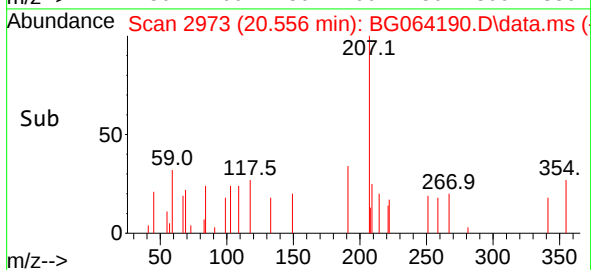
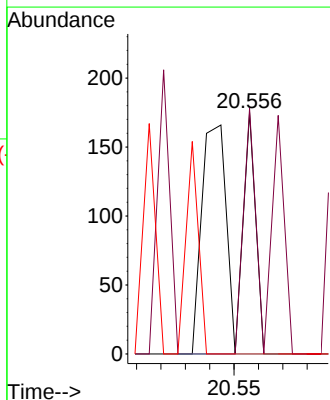
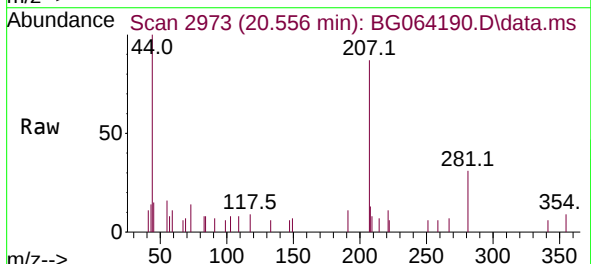


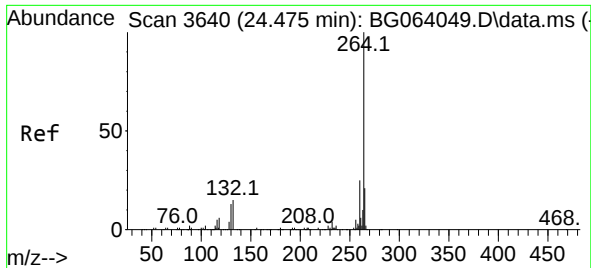
Tgt Ion:244 Resp: 1294530
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 8.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.666 ng
 RT: 20.556 min Scan# 2973
 Delta R.T. 0.012 min
 Lab File: BG064190.D
 Acq: 4 Apr 2025 6:47

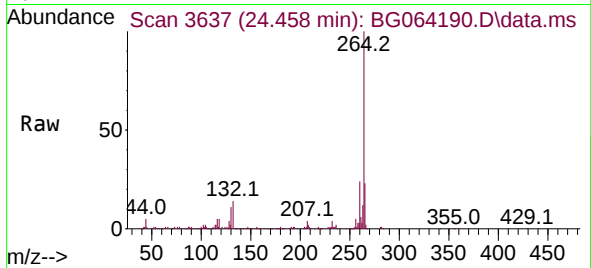
Tgt Ion:149 Resp: 177
 Ion Ratio Lower Upper
 149 100
 91 101.7 62.0 93.0#
 206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 30
 Delta R.T. -0.017 min
 Lab File: BG064190.D
 Acq: 4 Apr 2025 6:47

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 238801
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.8 16.6 25.0

