

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064043.D
 Acq On : 3 Mar 2025 18:20
 Operator : RC/JU
 Sample : PB166879TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 08:30:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 08:17:09 2025
 Response via : Initial Calibration

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

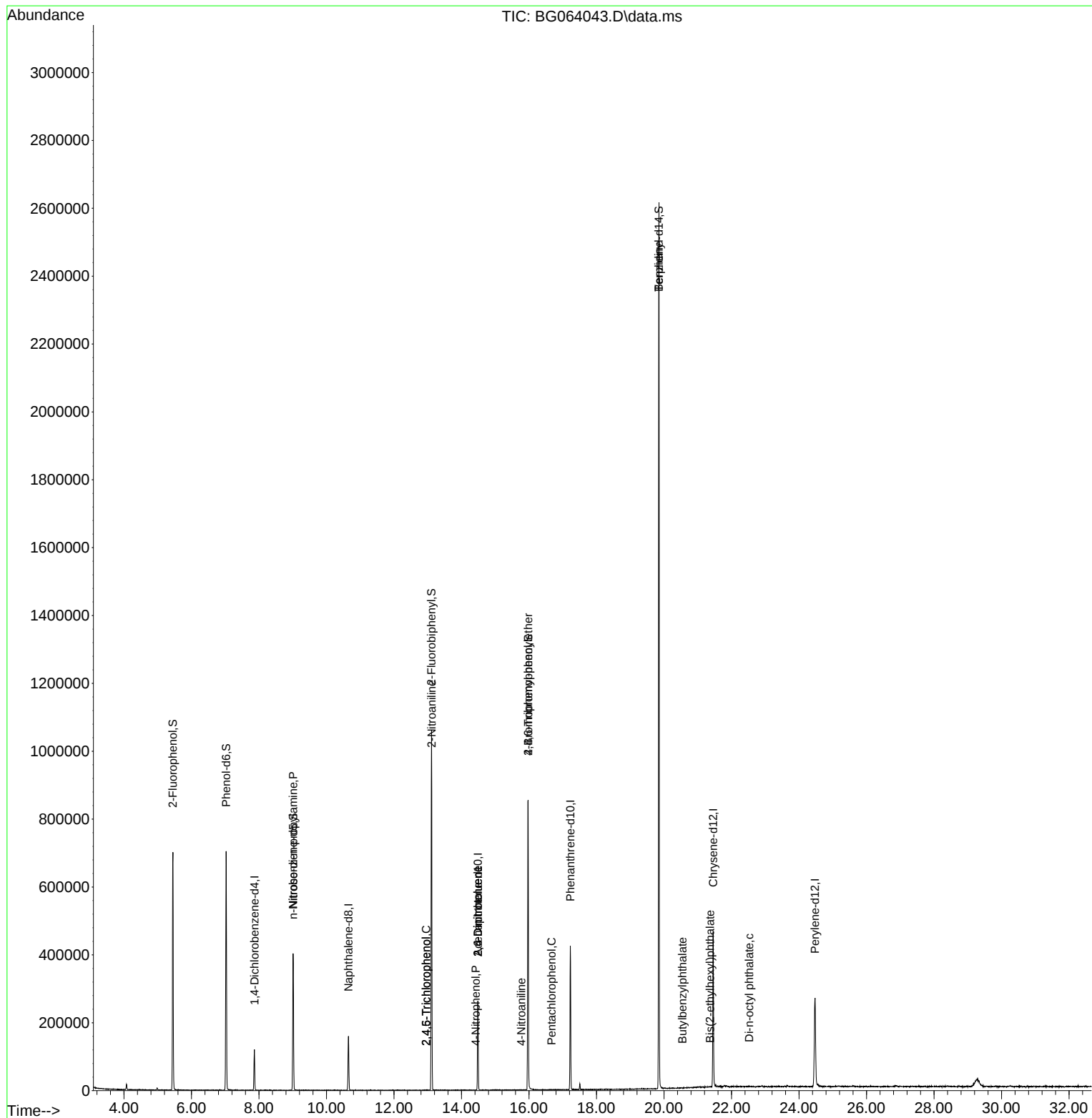
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	28585	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	121957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	85871	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	240159	20.000	ng	0.00
76) Chrysene-d12	21.455	240	253410	20.000	ng	0.00
86) Perylene-d12	24.475	264	262851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	261529	156.919	ng	0.00
7) Phenol-d6	7.025	99	337468	143.546	ng	0.00
23) Nitrobenzene-d5	9.011	82	214391	102.172	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	145653	148.541	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	507777	89.965	ng	0.00
79) Terphenyl-d14	19.851	244	1221481	97.837	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.017	70	28342	15.389	ng	# 82
43) 2,4,6-Trichlorophenol	12.953	196	55	4.921	ng	# 10
44) 2,4,5-Trichlorophenol	12.953	196	55	4.361	ng	# 16
48) 2-Nitroaniline	13.118	65	1109	4.546	ng	# 20
51) 2,6-Dinitrotoluene	14.487	165	12499	13.780	ng	# 10
56) 4-Nitrophenol	14.422	139	71	7.795	ng	# 1
57) 2,4-Dinitrotoluene	14.487	165	12499	11.848	ng	# 13
62) 4-Nitroaniline	15.773	138	56	3.333	ng	# 5
67) 4-Bromophenyl-phenylether	15.973	248	10320	4.186	ng	# 1
70) Pentachlorophenol	16.666	266	62	8.017	ng	# 19
77) Benzidine	19.845	184	21969	6.736	ng	# 95
80) Butylbenzylphthalate	20.544	149	106	4.985	ng	# 18
84) Bis(2-ethylhexyl)phtha...	21.367	149	519	3.526	ng	# 54
85) Di-n-octyl phthalate	22.524	149	291	4.503	ng	# 92

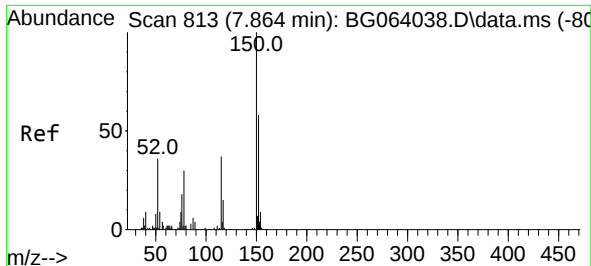
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064043.D
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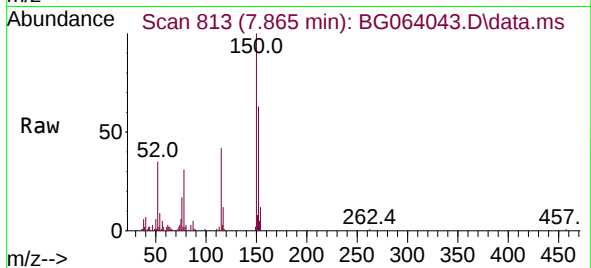
Quant Time: Mar 04 08:30:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 08:17:09 2025
Response via : Initial Calibration



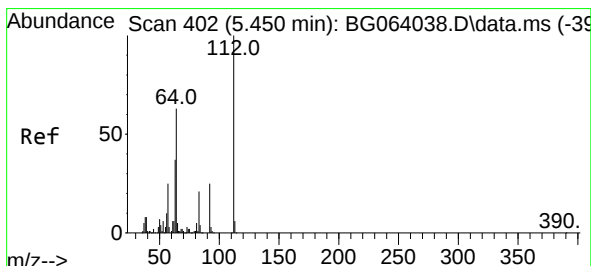
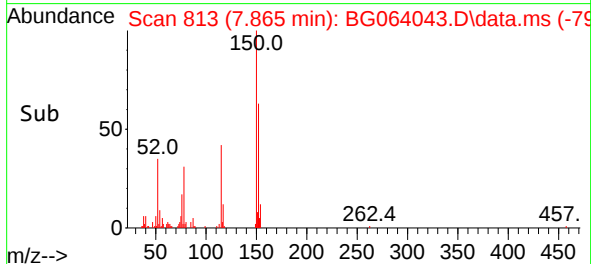
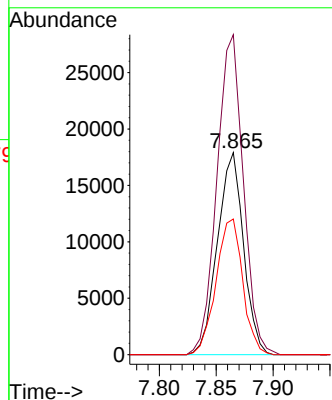


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Instrument :
BNA_G
ClientSampleId :

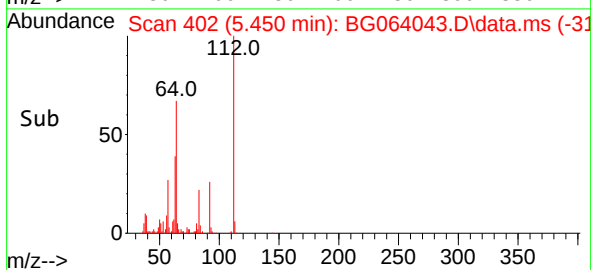
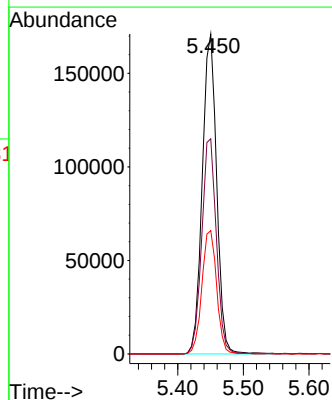
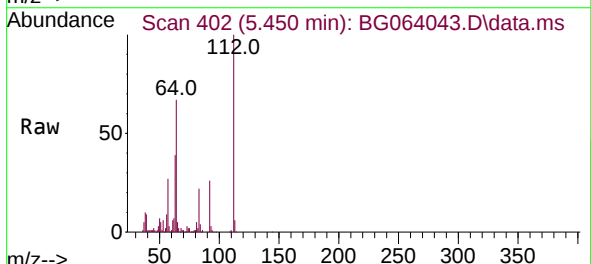


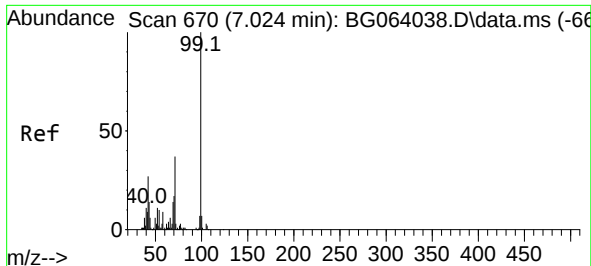
Tgt Ion:152 Resp: 28585
Ion Ratio Lower Upper
152 100
150 158.4 137.7 206.5
115 67.2 51.4 77.2



#5
2-Fluorophenol
Concen: 156.919 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:112 Resp: 261529
Ion Ratio Lower Upper
112 100
64 67.2 50.5 75.7
63 38.5 29.8 44.6

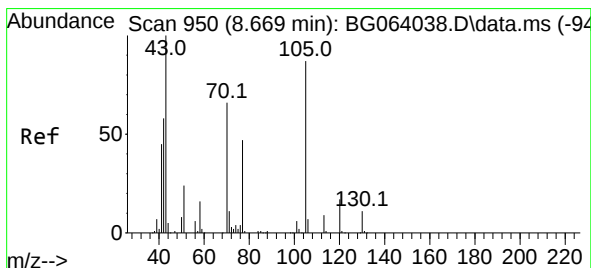
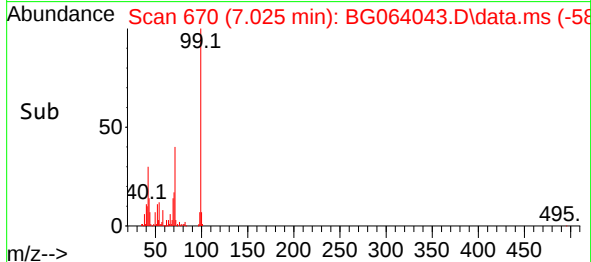
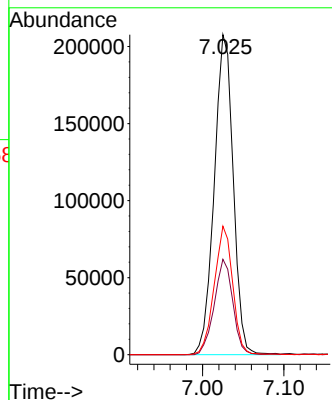
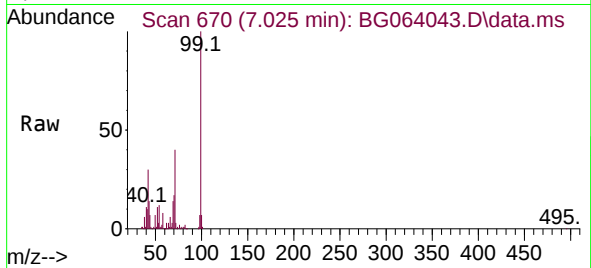




#7
Phenol-d6
Concen: 143.546 ng
RT: 7.025 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

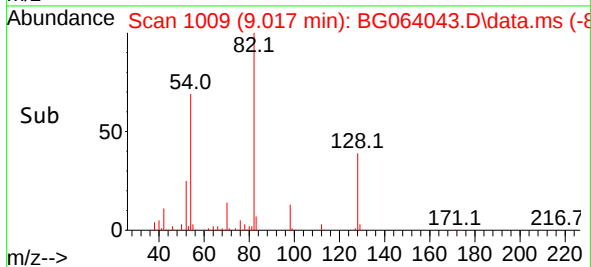
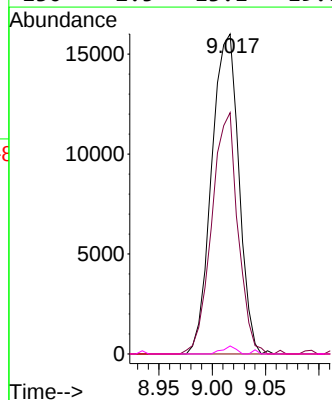
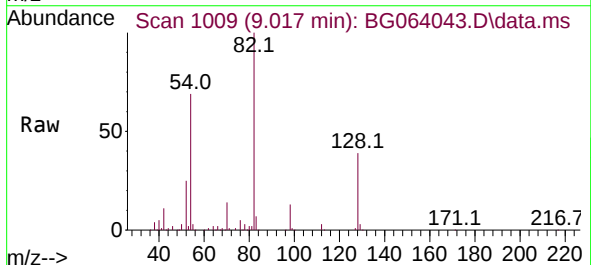
Instrument :
BNA_G
ClientSampleId :

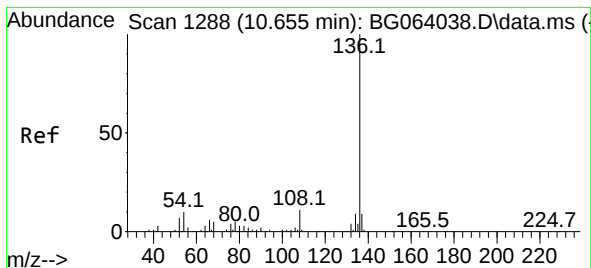
Tgt Ion: 99 Resp: 337468
Ion Ratio Lower Upper
99 100
42 29.8 21.9 32.9
71 40.2 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.389 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.347 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

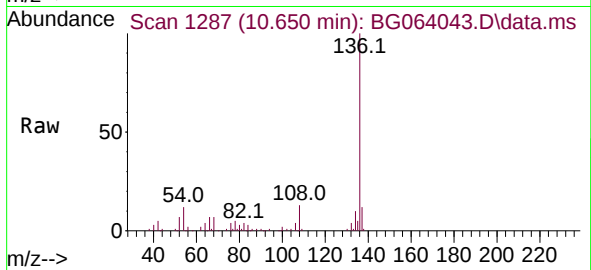
Tgt Ion: 70 Resp: 28342
Ion Ratio Lower Upper
70 100
42 75.4 71.0 106.6
101 0.0 7.3 10.9#
130 2.5 13.1 19.7#



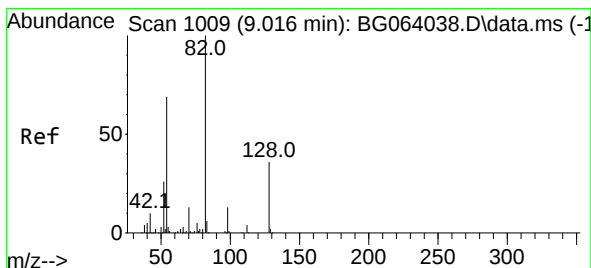
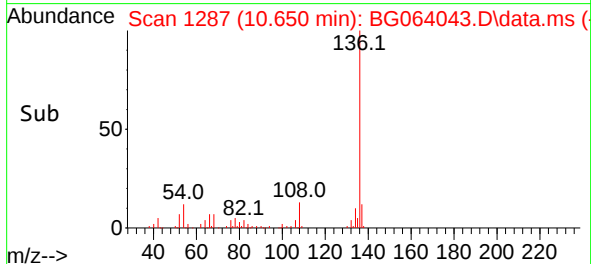
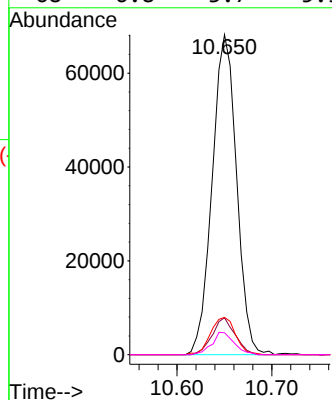


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Instrument :
BNA_G
ClientSampleId :

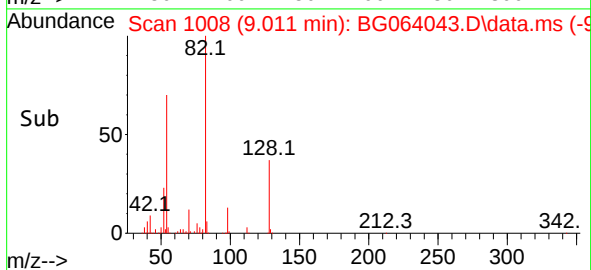
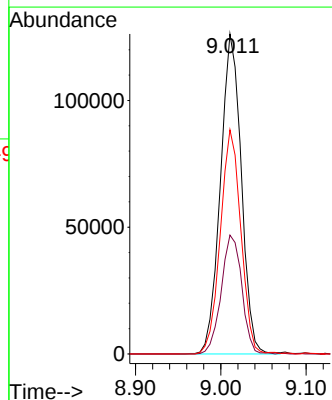
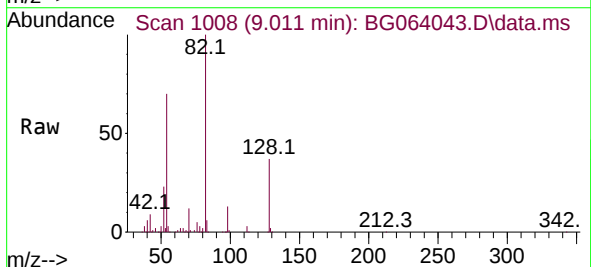


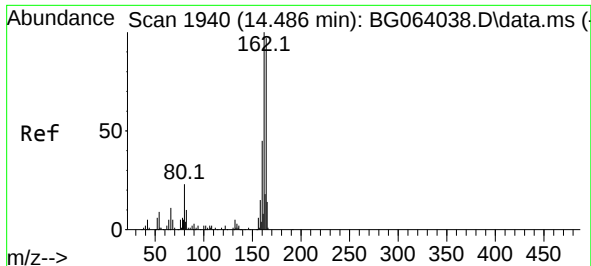
Tgt Ion:136 Resp: 121957
Ion Ratio Lower Upper
136 100
137 11.6 7.3 10.9#
54 11.6 8.2 12.4
68 6.8 3.7 5.5#



#23
Nitrobenzene-d5
Concen: 102.172 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion: 82 Resp: 214391
Ion Ratio Lower Upper
82 100
128 37.2 28.3 42.5
54 70.0 55.4 83.0

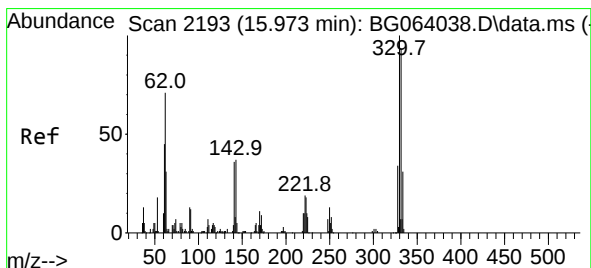
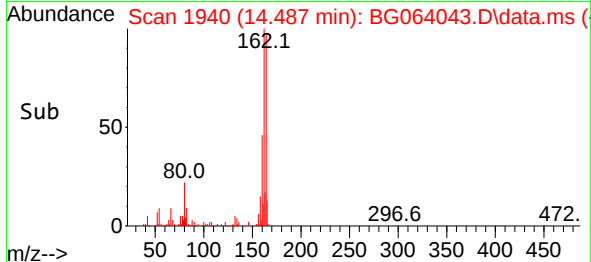
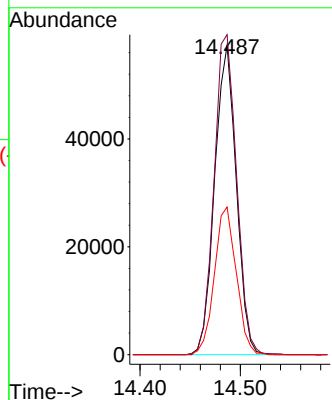
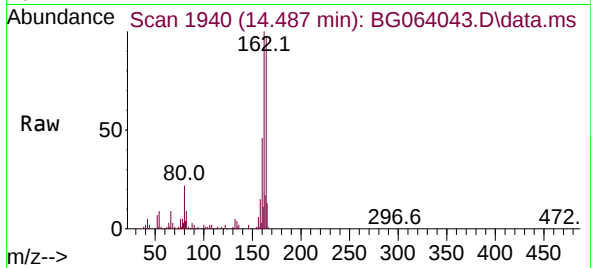




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

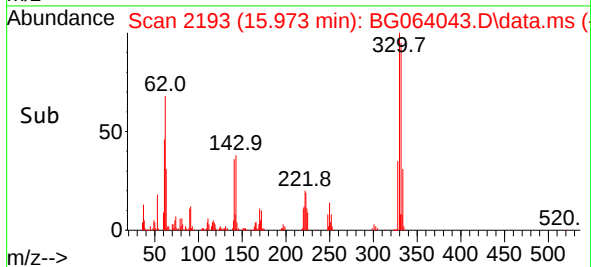
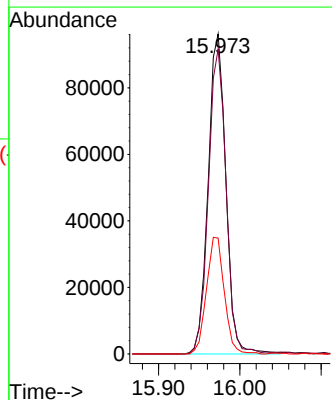
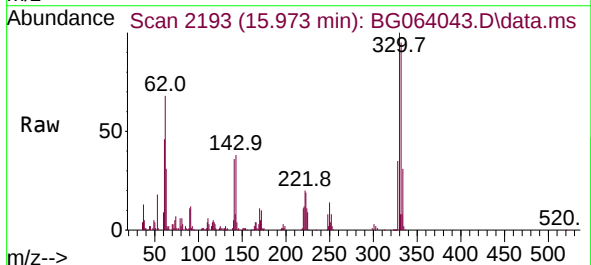
Instrument :
BNA_G
ClientSampleId :

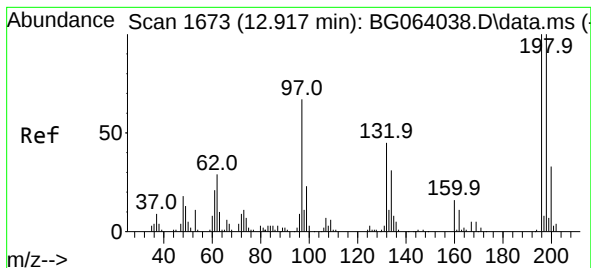
Tgt Ion:164 Resp: 85871
Ion Ratio Lower Upper
164 100
162 103.5 82.7 124.1
160 47.7 37.4 56.0



#42
2,4,6-Tribromophenol
Concen: 148.541 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:330 Resp: 145653
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 36.6 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 4.921 ng

RT: 12.953 min Scan# 1

Delta R.T. 0.036 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :

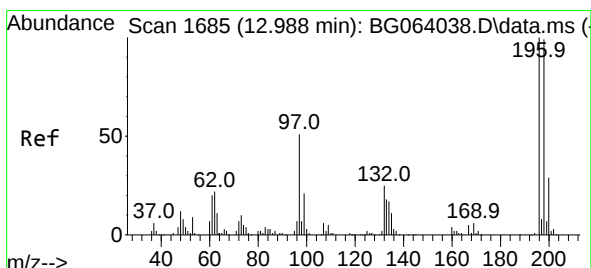
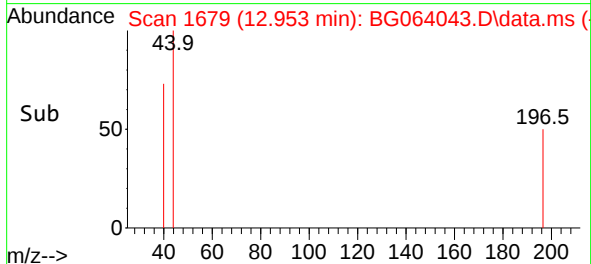
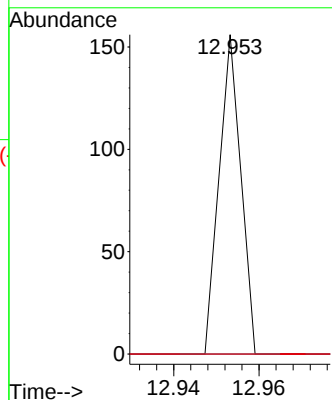
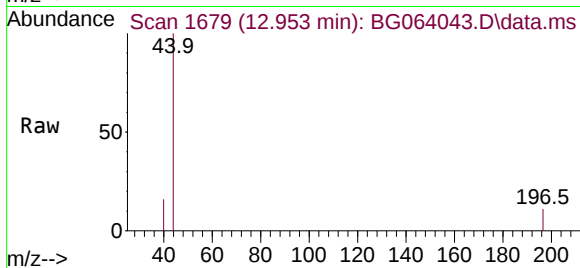
Tgt Ion:196 Resp: 55

Ion Ratio Lower Upper

196 100

198 0.0 79.9 119.9#

200 0.0 26.3 39.5#



#44

2,4,5-Trichlorophenol

Concen: 4.361 ng

RT: 12.953 min Scan# 1679

Delta R.T. -0.035 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Tgt Ion:196 Resp: 55

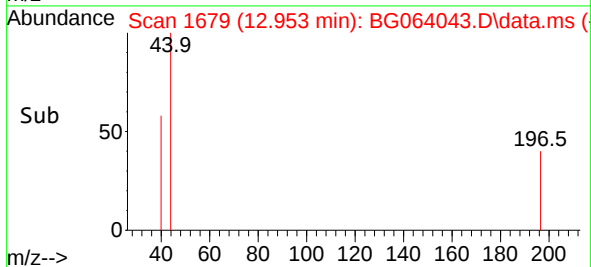
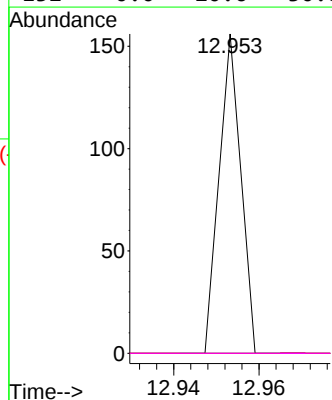
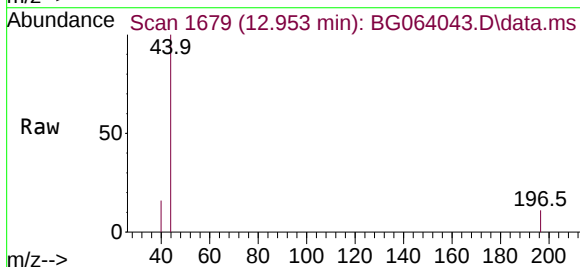
Ion Ratio Lower Upper

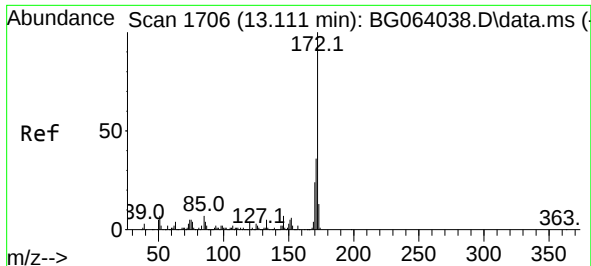
196 100

198 0.0 78.2 117.4#

97 0.0 40.7 61.1#

132 0.0 20.6 30.8#

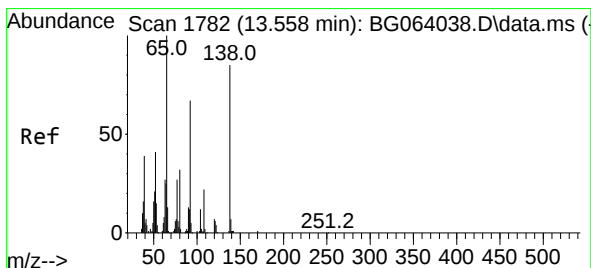
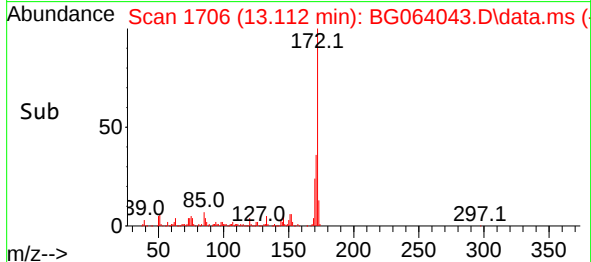
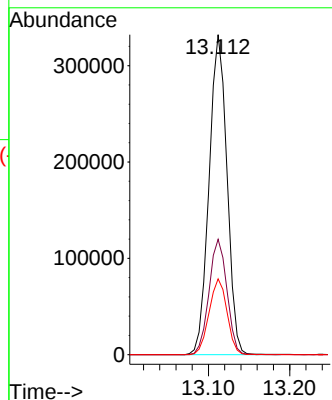
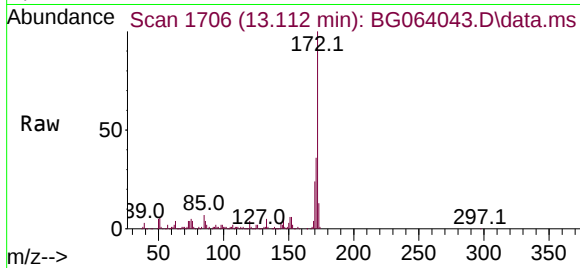




#45
2-Fluorobiphenyl
Concen: 89.965 ng
RT: 13.112 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

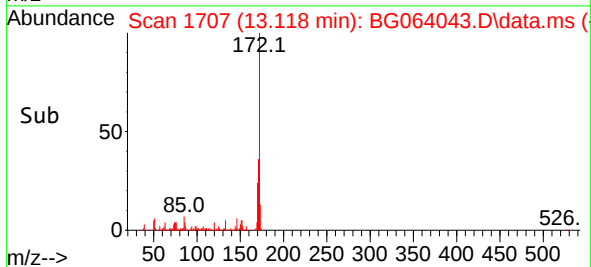
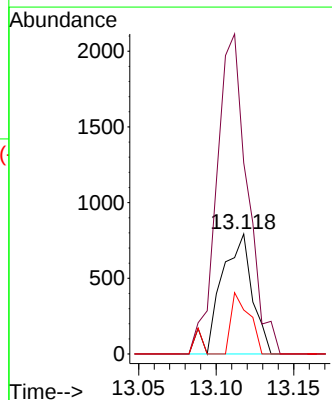
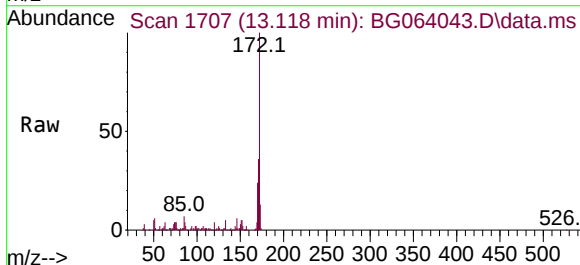
Instrument :
BNA_G
ClientSampleId :

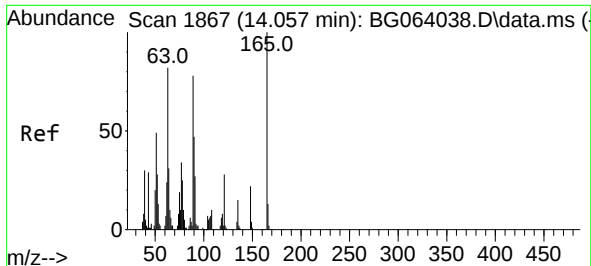
Tgt Ion:172 Resp: 507777
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.7 19.5 29.3



#48
2-Nitroaniline
Concen: 4.546 ng
RT: 13.118 min Scan# 1707
Delta R.T. -0.440 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

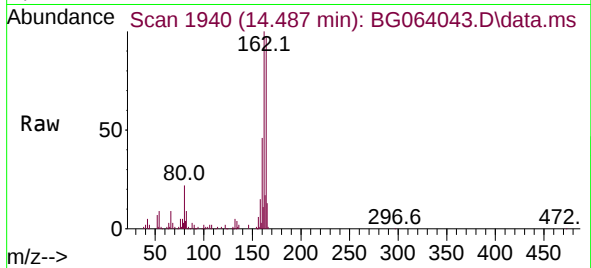
Tgt Ion: 65 Resp: 1109
Ion Ratio Lower Upper
65 100
92 159.3 53.8 80.6#
138 36.7 68.0 102.0#



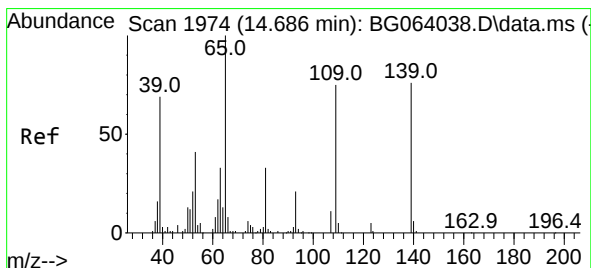
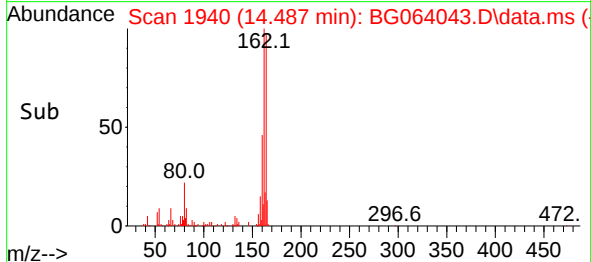
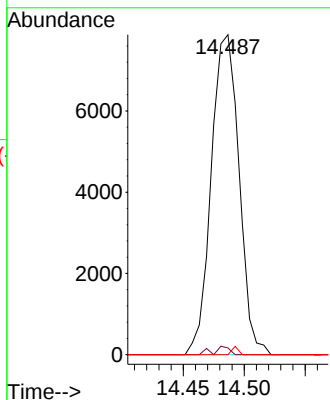


#51
2,6-Dinitrotoluene
Concen: 13.780 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.430 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Instrument :
BNA_G
ClientSampleId :

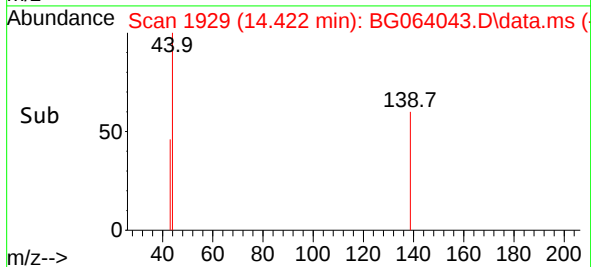
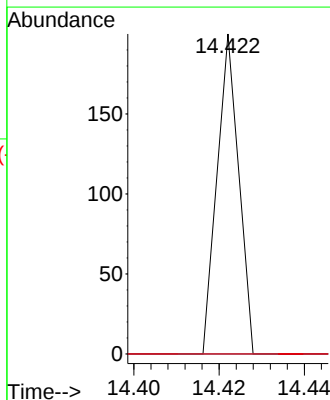
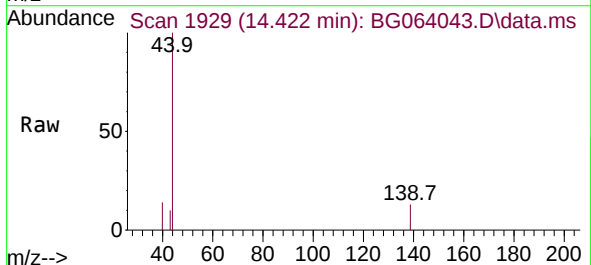


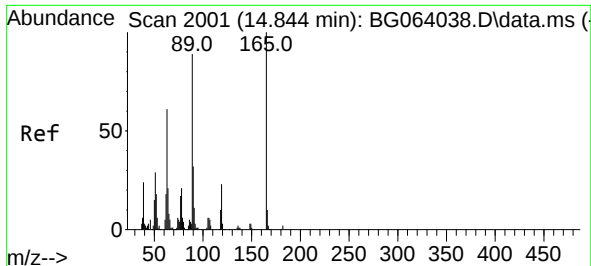
Tgt Ion:165 Resp: 12499
Ion Ratio Lower Upper
165 100
63 2.1 66.7 100.1#
89 0.0 62.6 93.8#



#56
4-Nitrophenol
Concen: 7.795 ng
RT: 14.422 min Scan# 1929
Delta R.T. -0.264 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

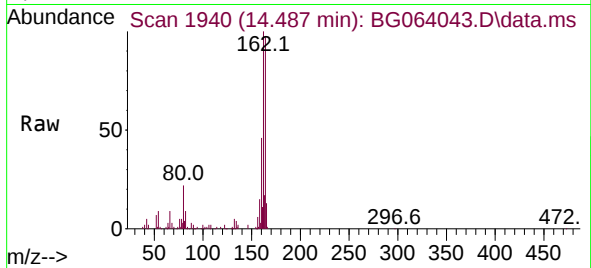
Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 0.0 79.1 119.1#
65 0.0 112.0 152.0#



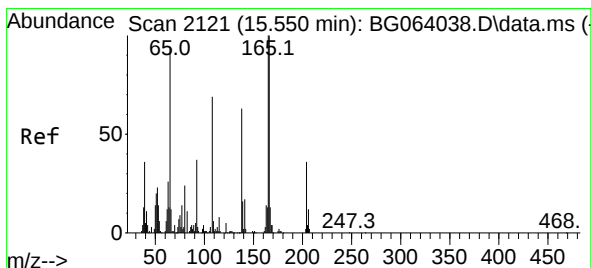
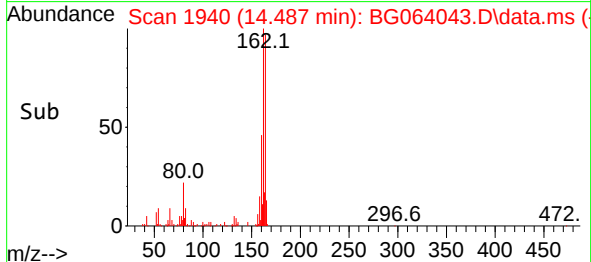
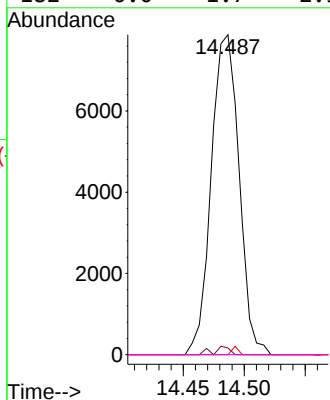


#57
2,4-Dinitrotoluene
Concen: 11.848 ng
RT: 14.487 min Scan# 1940
Delta R.T. -0.357 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Instrument :
BNA_G
ClientSampleId :

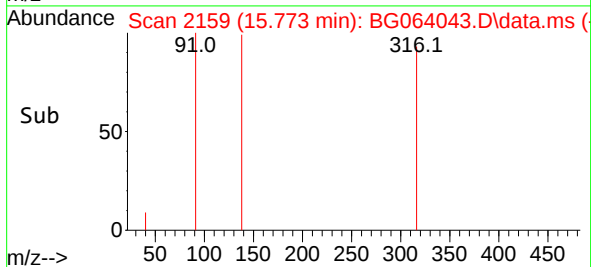
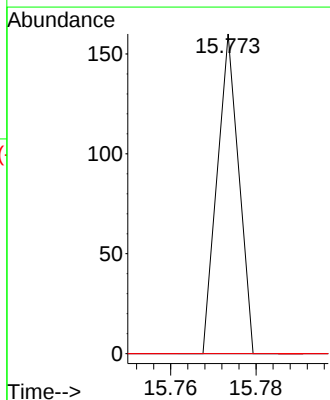
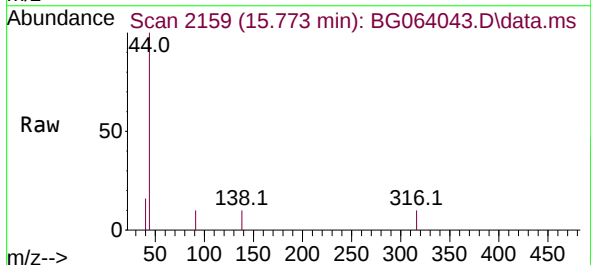


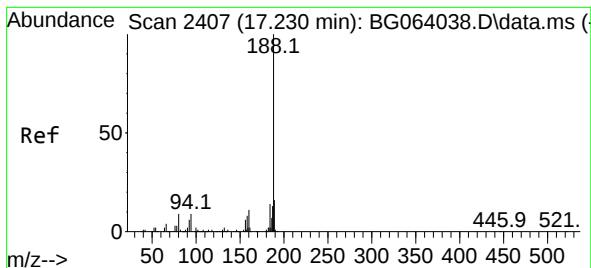
Tgt Ion:165 Resp: 12499
Ion Ratio Lower Upper
165 100
63 2.1 48.4 72.6#
89 0.0 71.3 106.9#
182 0.0 1.7 2.5#



#62
4-Nitroaniline
Concen: 3.333 ng
RT: 15.773 min Scan# 2159
Delta R.T. 0.223 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 0.0 38.8 78.8#
108 0.0 89.9 129.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BG064043.D

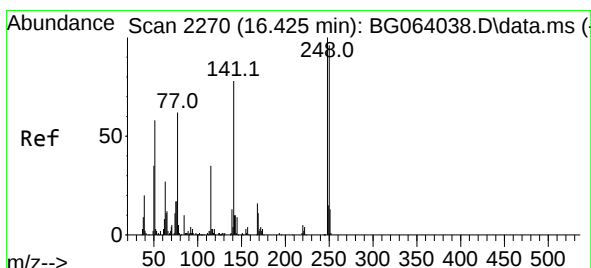
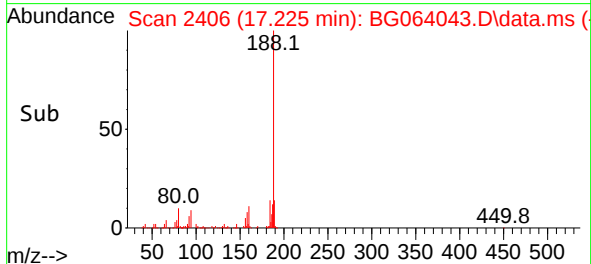
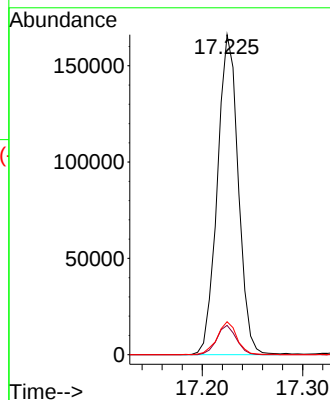
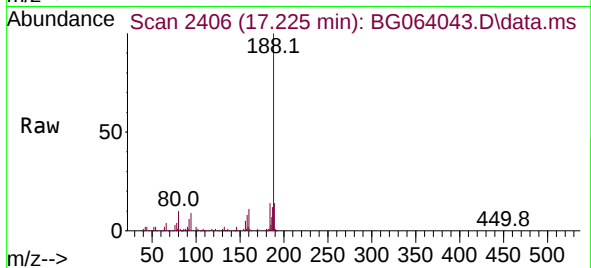
Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:188	Resp: 240159
Ion Ratio	Lower Upper
188 100	
94 9.1	7.0 10.6
80 10.3	7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 4.186 ng

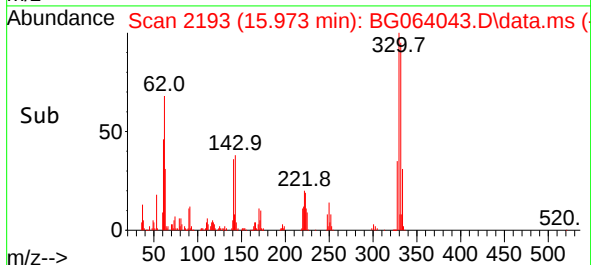
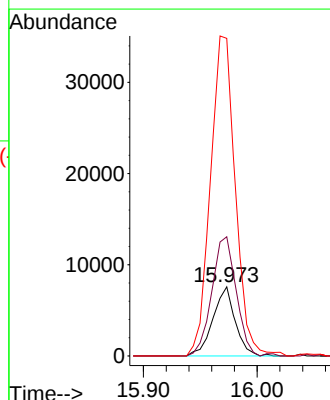
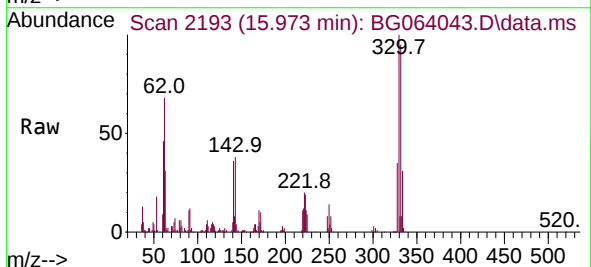
RT: 15.973 min Scan# 2193

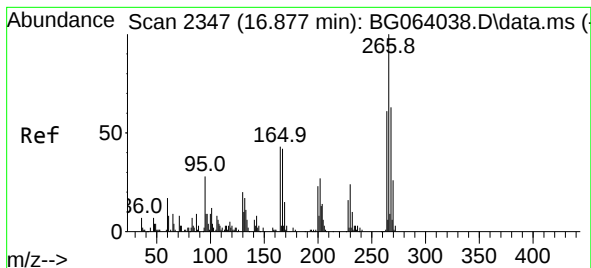
Delta R.T. -0.452 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Tgt Ion:248	Resp: 10320
Ion Ratio	Lower Upper
248 100	
250 172.6	77.2 115.8#
141 459.5	62.2 93.2#





#70

Pentachlorophenol

Concen: 8.017 ng

RT: 16.666 min Scan# 21

Delta R.T. -0.210 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :

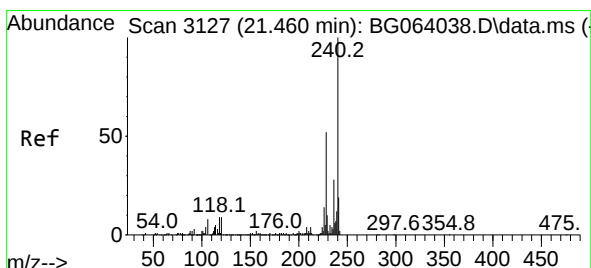
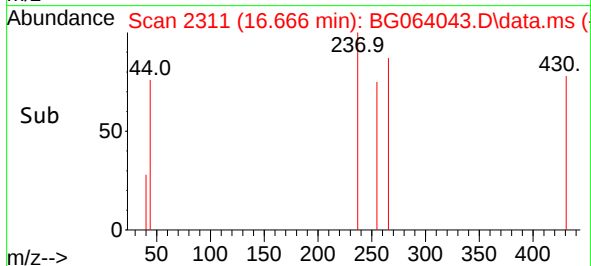
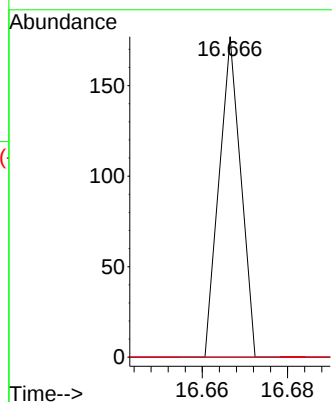
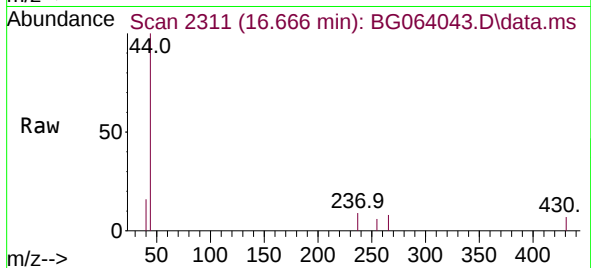
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 0.0 50.7 76.1#

264 0.0 48.8 73.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

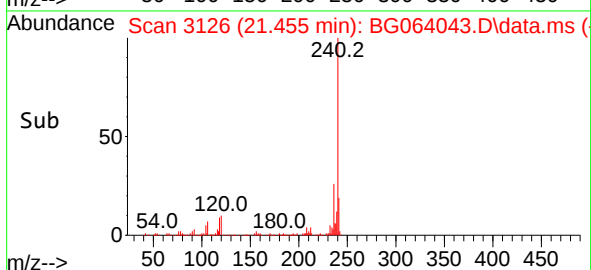
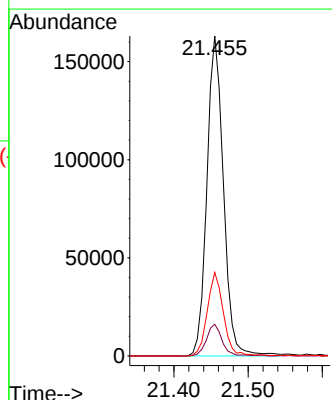
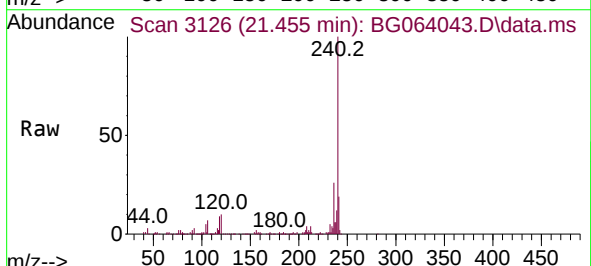
Tgt Ion:240 Resp: 253410

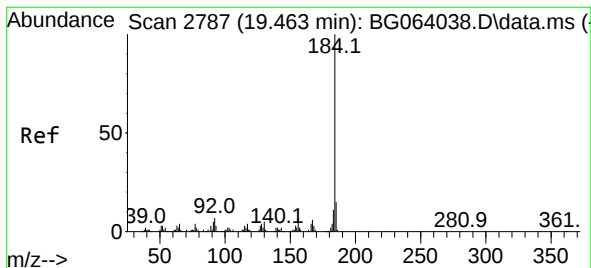
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 26.1 22.0 33.0





#77

Benzidine

Concen: 6.736 ng

RT: 19.845 min Scan# 21

Delta R.T. 0.382 min

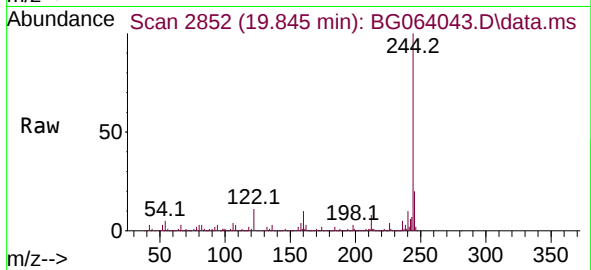
Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :



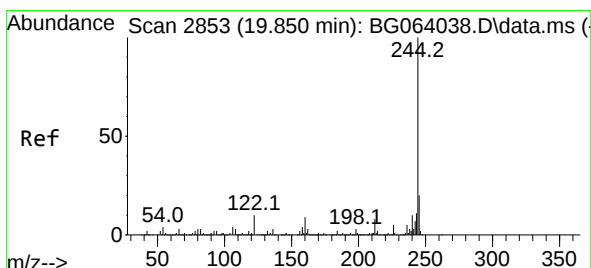
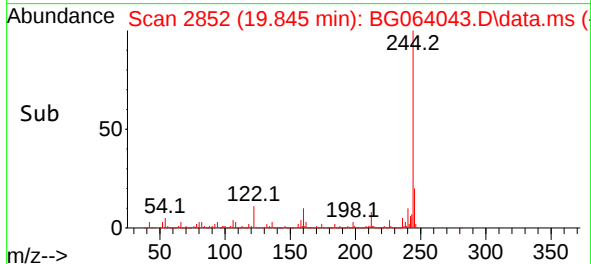
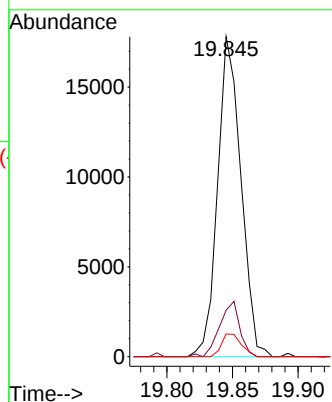
Tgt Ion:184 Resp: 21969

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

183 7.1 8.8 13.2#



#79

Terphenyl-d14

Concen: 97.837 ng

RT: 19.851 min Scan# 2853

Delta R.T. 0.001 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

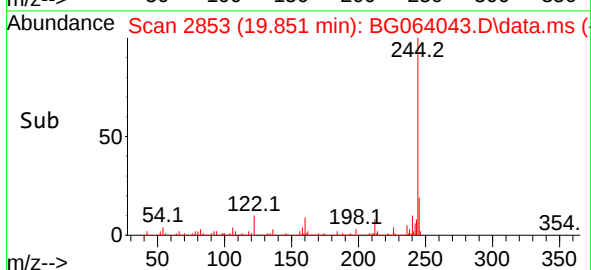
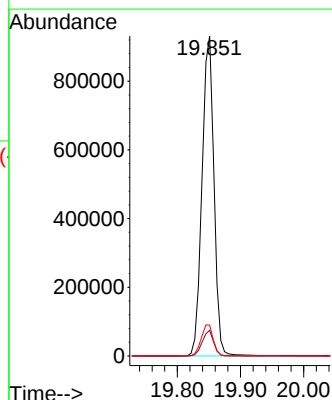
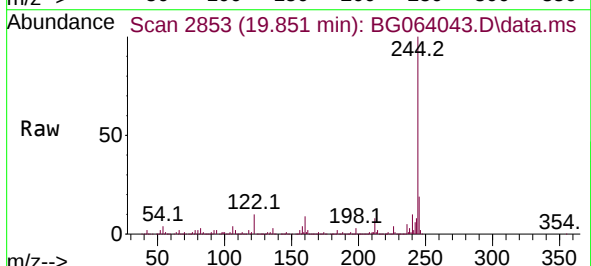
Tgt Ion:244 Resp: 1221481

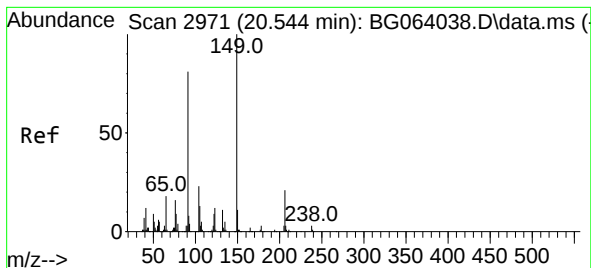
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.6 8.0 12.0





#80

Butylbenzylphthalate

Concen: 4.985 ng

RT: 20.544 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BG064043.D

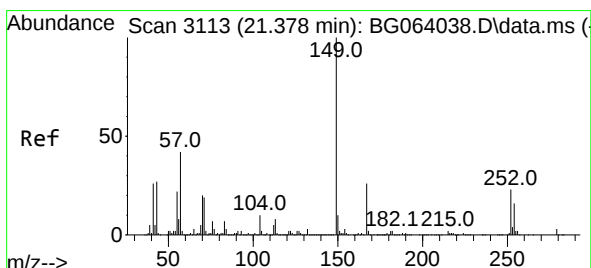
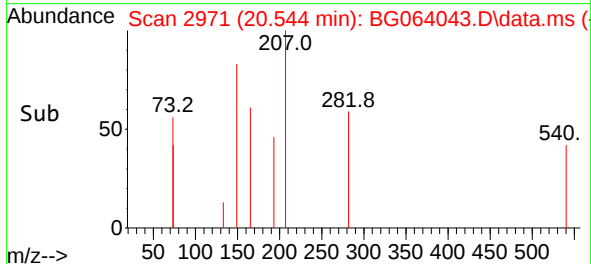
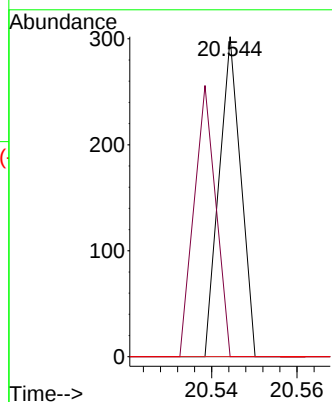
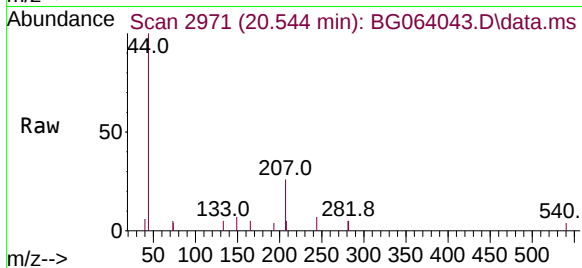
Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	149	Resp:	106
Ion	Ratio	Lower	Upper
149	100		
91	0.0	65.0	97.4#
206	0.0	16.7	25.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.526 ng

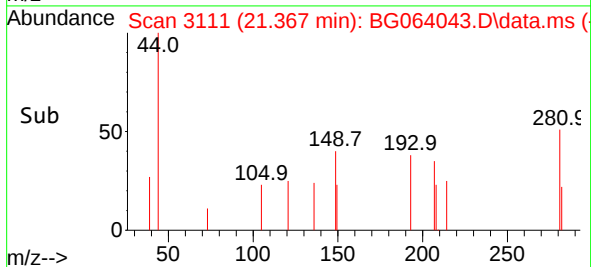
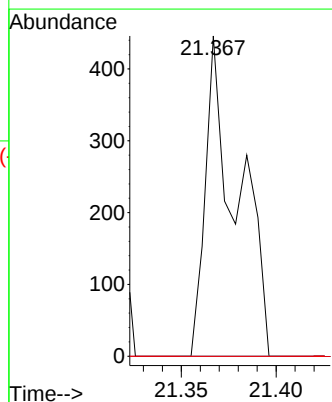
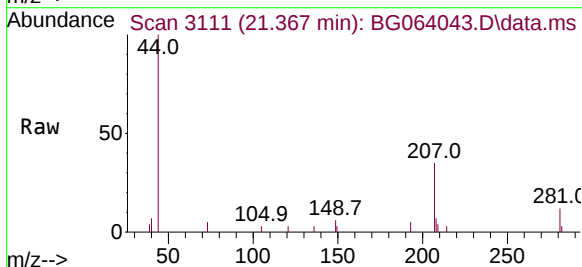
RT: 21.367 min Scan# 3111

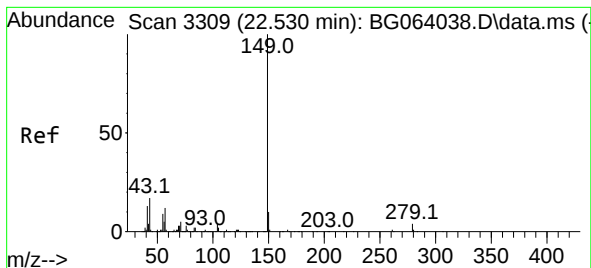
Delta R.T. -0.011 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Tgt Ion:	149	Resp:	519
Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.4	30.6#
279	0.0	2.3	3.5#





#85

Di-n-octyl phthalate

Concen: 4.503 ng

RT: 22.524 min Scan# 31

Delta R.T. -0.006 min

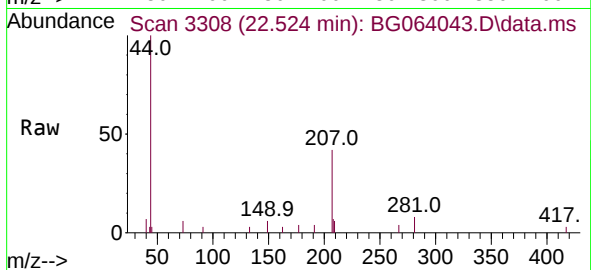
Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :



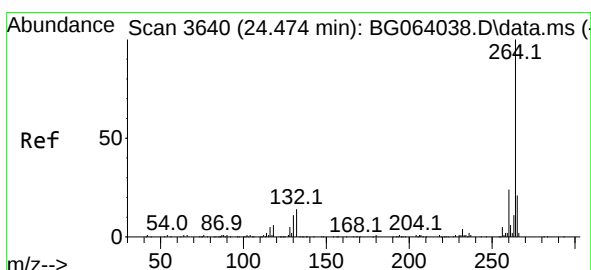
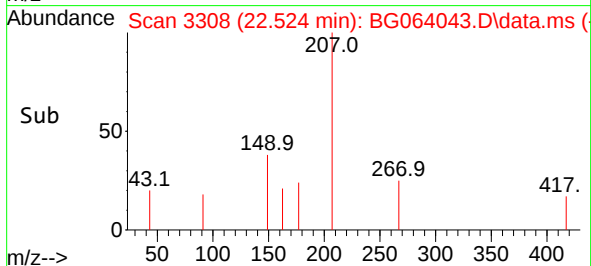
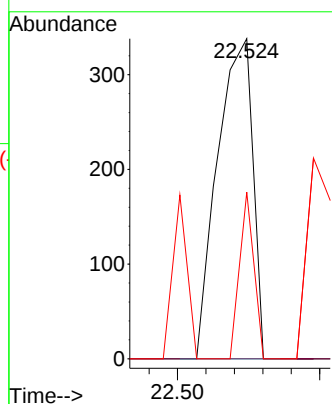
Tgt Ion:149 Resp: 291

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 21.3 14.1 21.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.475 min Scan# 3640

Delta R.T. 0.001 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Tgt Ion:264 Resp: 262851

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.2 17.2 25.8

