

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064010.D
 Acq On : 6 Feb 2025 10:20
 Operator : RC/JU
 Sample : PB166013BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166013BL

Quant Time: Feb 06 10:57:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

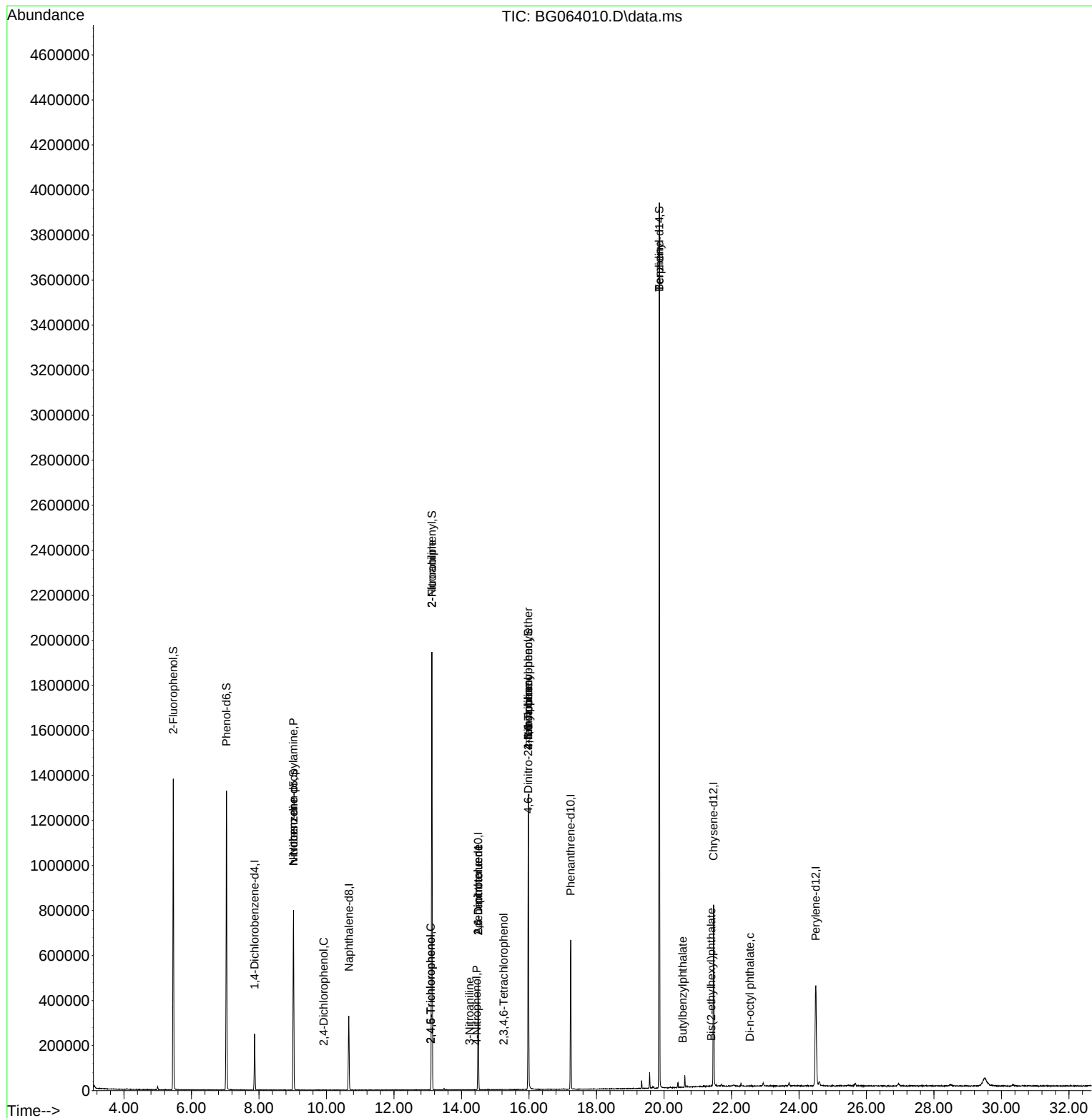
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	62139	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	261390	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	168914	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	389770	20.000	ng	# 0.00
76) Chrysene-d12	21.467	240	455632	20.000	ng	0.00
86) Perylene-d12	24.499	264	478154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	539363	139.167	ng	0.00
7) Phenol-d6	7.037	99	691173	129.953	ng	0.00
23) Nitrobenzene-d5	9.023	82	429688	99.906	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	224796	116.931	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	979882	88.881	ng	0.00
79) Terphenyl-d14	19.863	244	1962548	89.956	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.023	70	54415	14.774	ng	# 81
24) Nitrobenzene	9.023	77	1350	4.075	ng	# 39
29) 2,4-Dichlorophenol	9.916	162	57	3.894	ng	# 25
43) 2,4,6-Trichlorophenol	13.089	196	55	4.914	ng	# 11
44) 2,4,5-Trichlorophenol	13.089	196	55	3.954	ng	# 14
48) 2-Nitroaniline	13.124	65	1863	5.079	ng	# 1
51) 2,6-Dinitrotoluene	14.493	165	22777	15.356	ng	# 16
53) 3-Nitroaniline	14.240	138	66	5.358	ng	# 1
56) 4-Nitrophenol	14.452	139	53	8.457	ng	# 1
57) 2,4-Dinitrotoluene	14.493	165	22777	13.386	ng	# 19
59) 2,3,4,6-Tetrachlorophenol	15.245	232	59	5.227	ng	# 40
62) 4-Nitroaniline	15.979	138	112	3.973	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.974	198	677	2.572	ng	# 22
67) 4-Bromophenyl-phenylether	15.979	248	15297	3.943	ng	# 1
77) Benzidine	19.863	184	29201	3.010	ng	# 94
80) Butylbenzylphthalate	20.556	149	68	5.562	ng	# 63
84) Bis(2-ethylhexyl)phtha...	21.402	149	504	4.497	ng	# 52
85) Di-n-octyl phthalate	22.548	149	465	6.957	ng	# 1

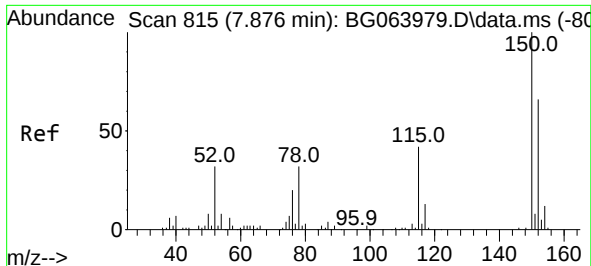
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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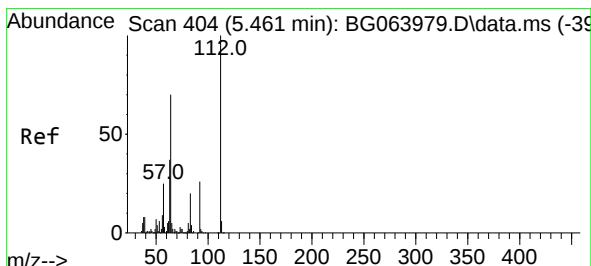
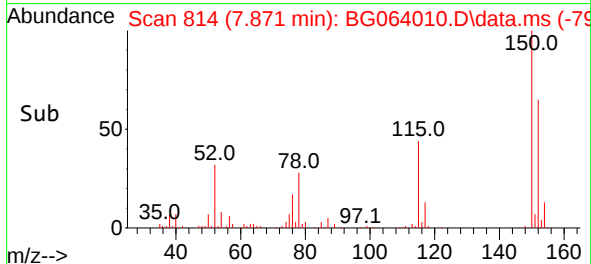
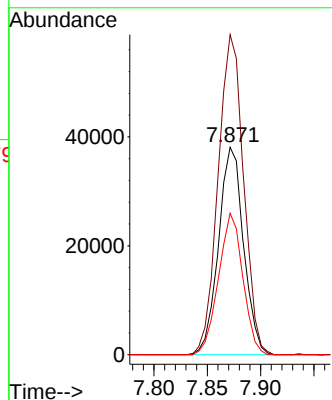
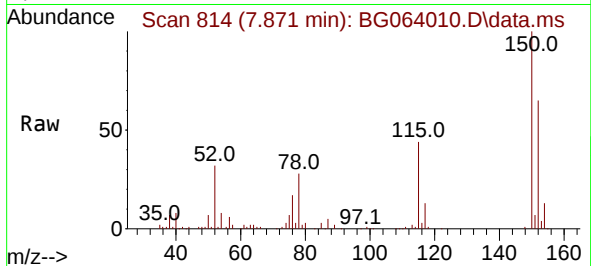




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

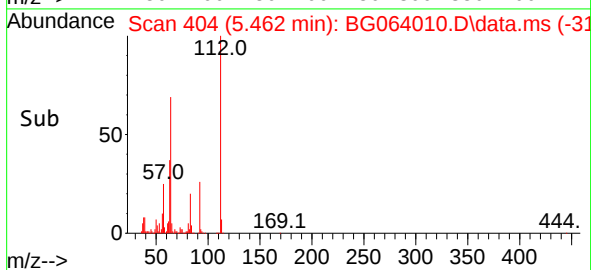
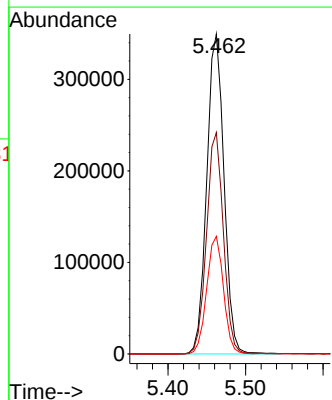
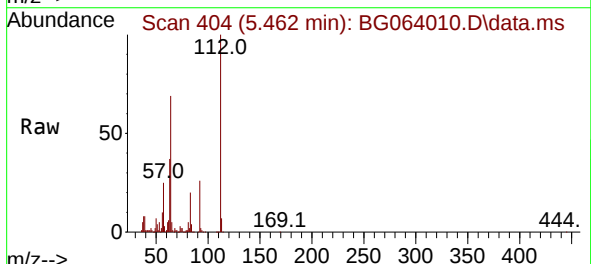
Instrument :
BNA_G
ClientSampleId :
PB166013BL

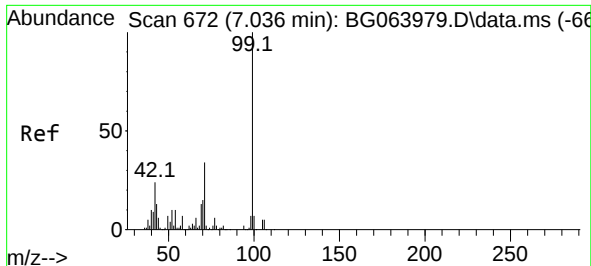
Tgt Ion:152 Resp: 62139
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.6
115 68.2 50.4 75.6



#5
2-Fluorophenol
Concen: 139.167 ng
RT: 5.462 min Scan# 404
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:112 Resp: 539363
Ion Ratio Lower Upper
112 100
64 69.2 55.8 83.8
63 36.8 29.3 43.9

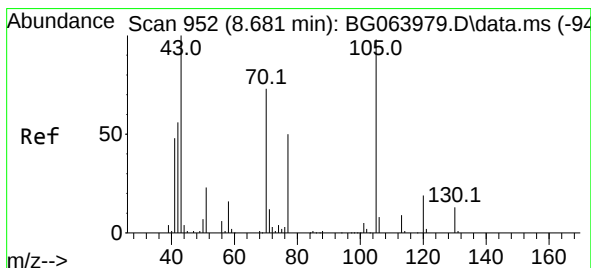
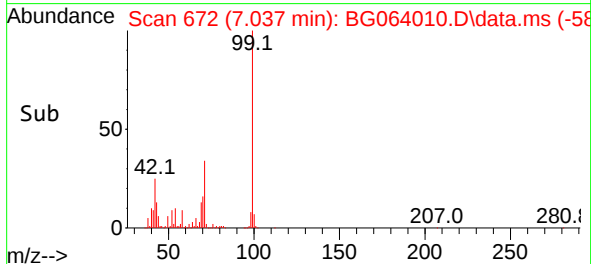
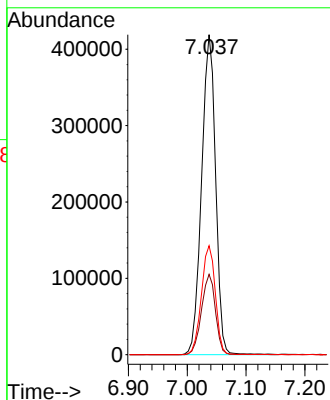
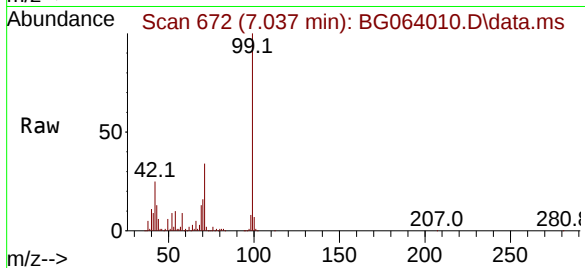




#7
Phenol-d6
Concen: 129.953 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

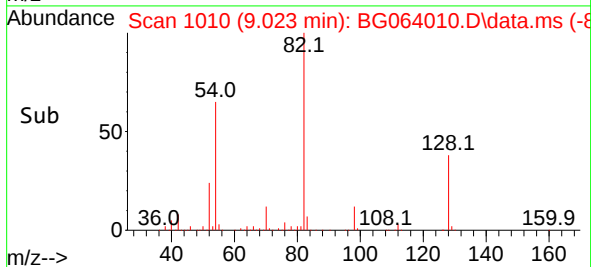
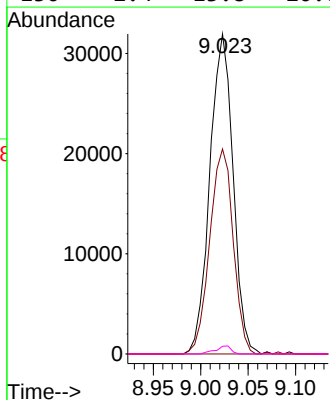
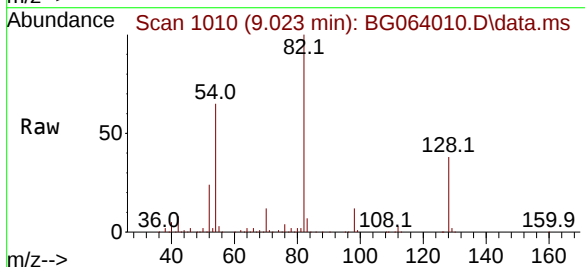
Instrument :
BNA_G
ClientSampleId :
PB166013BL

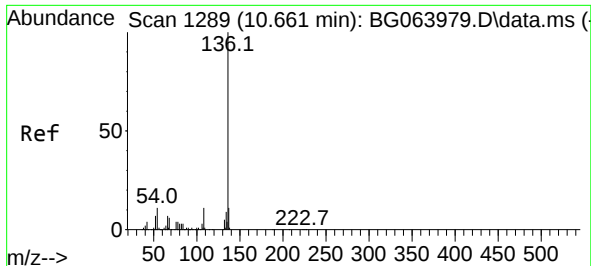
Tgt Ion: 99 Resp: 691173
Ion Ratio Lower Upper
99 100
42 25.1 18.9 28.3
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.774 ng
RT: 9.023 min Scan# 1010
Delta R.T. 0.342 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion: 70 Resp: 54415
Ion Ratio Lower Upper
70 100
42 64.0 62.2 93.4
101 0.0 5.6 8.4#
130 2.4 13.8 20.6#

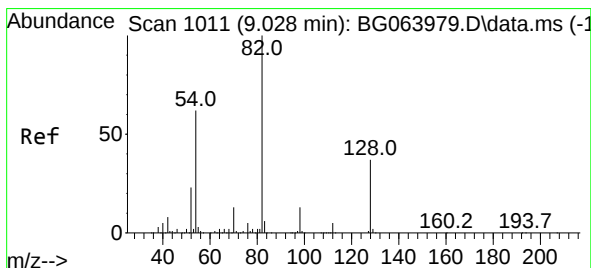
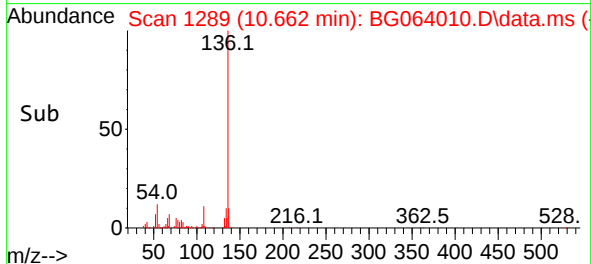
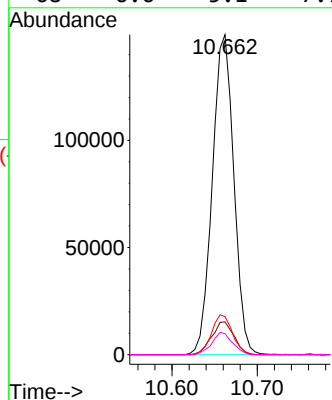
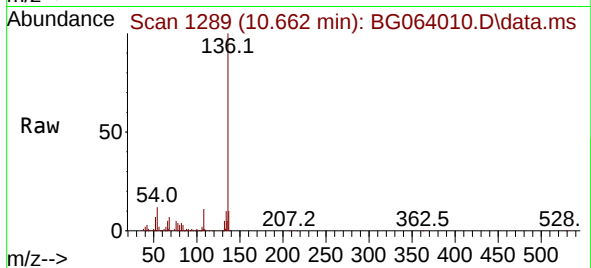




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

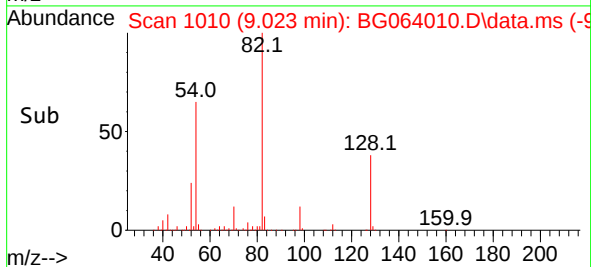
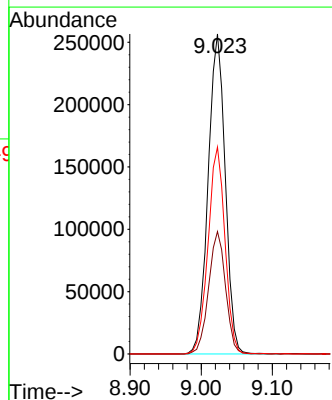
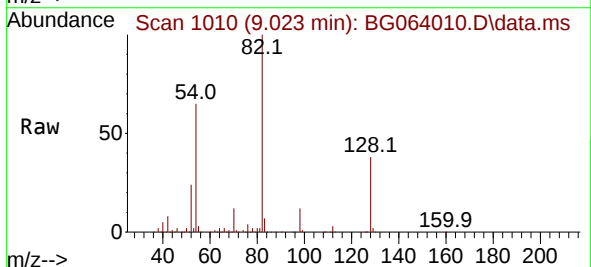
Instrument :
BNA_G
ClientSampleId :
PB166013BL

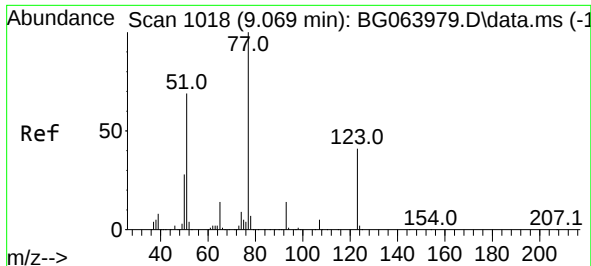
Tgt Ion:	136	Resp:	261390
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.9	9.2	13.8
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 99.906 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:	82	Resp:	429688
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	64.6	49.9	74.9

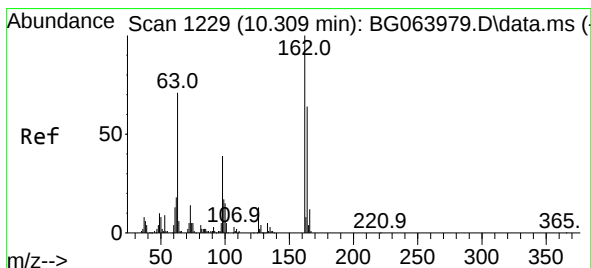
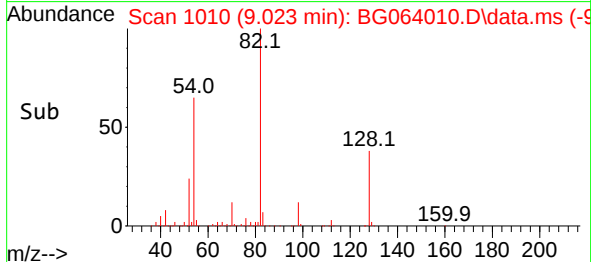
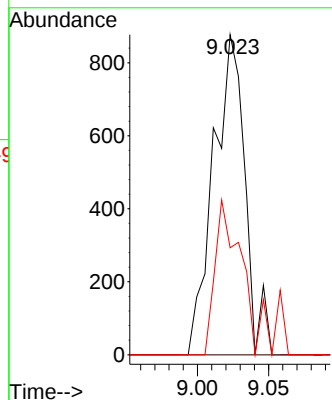
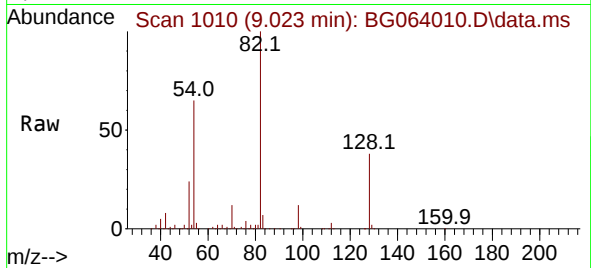




#24
Nitrobenzene
Concen: 4.075 ng
RT: 9.023 min Scan# 110
Delta R.T. -0.046 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

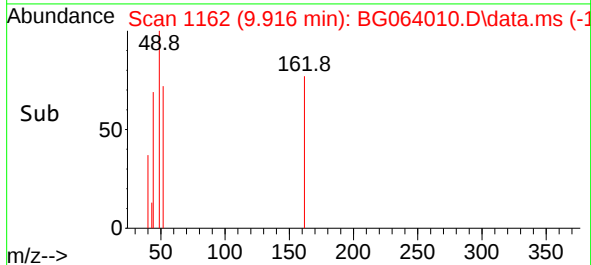
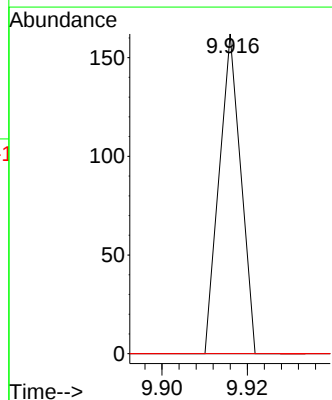
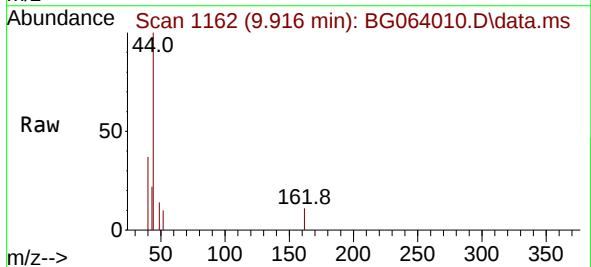
Instrument :
BNA_G
ClientSampleId :
PB166013BL

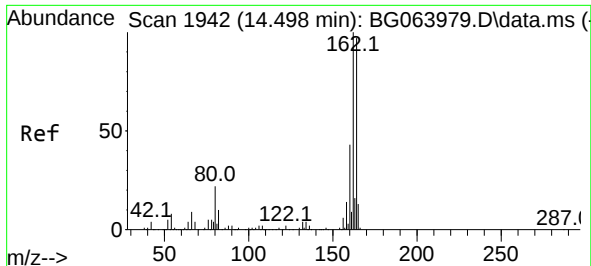
Tgt Ion: 77 Resp: 1350
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 33.4 11.0 16.6#



#29
2,4-Dichlorophenol
Concen: 3.894 ng
RT: 9.916 min Scan# 1162
Delta R.T. -0.393 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:162 Resp: 57
Ion Ratio Lower Upper
162 100
164 0.0 43.6 83.6#
98 0.0 18.6 58.6#

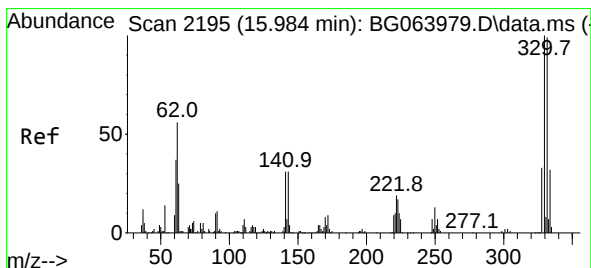
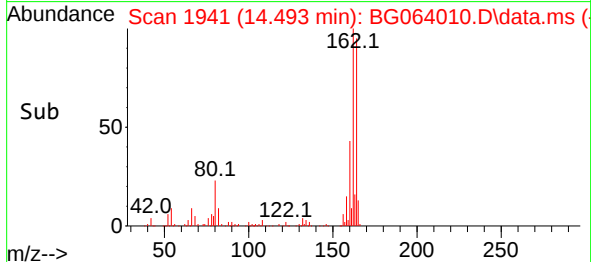
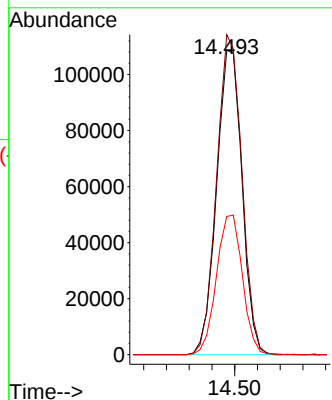
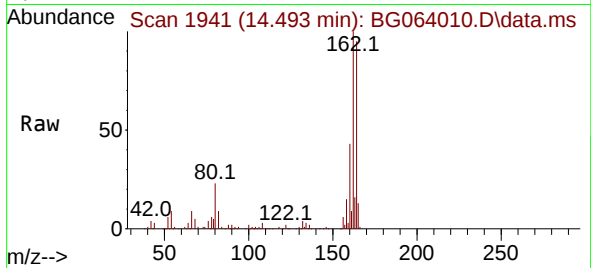




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

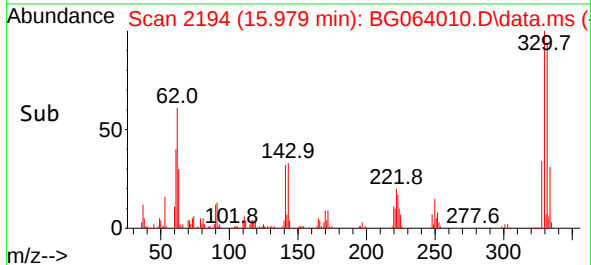
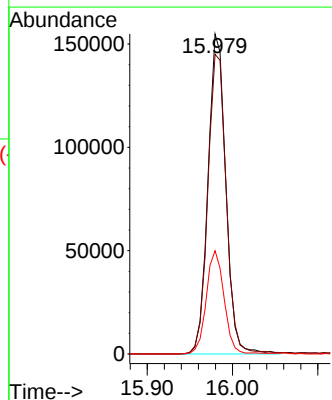
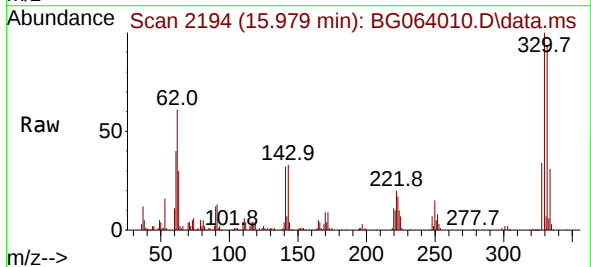
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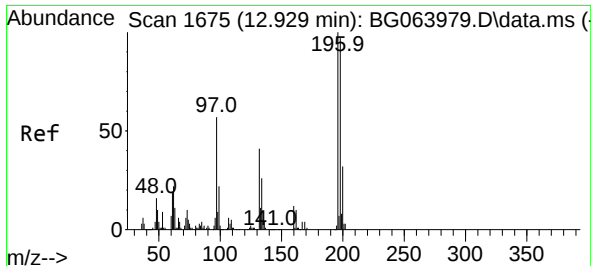
Tgt Ion:164 Resp: 168914
Ion Ratio Lower Upper
164 100
162 105.1 82.3 123.5
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 116.931 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:330 Resp: 224796
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 32.3 27.2 40.8

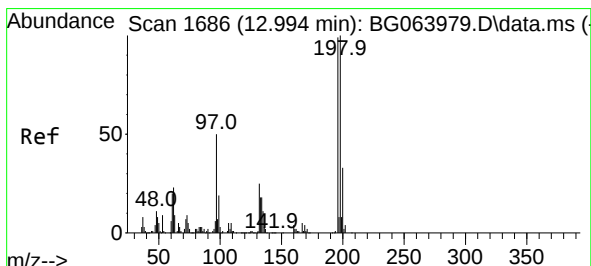
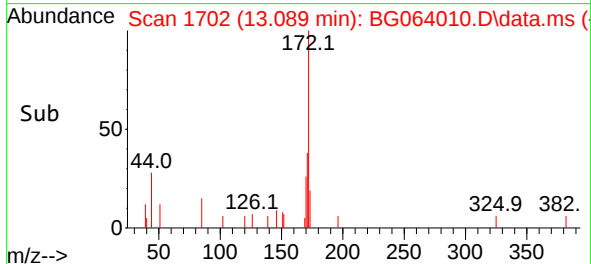
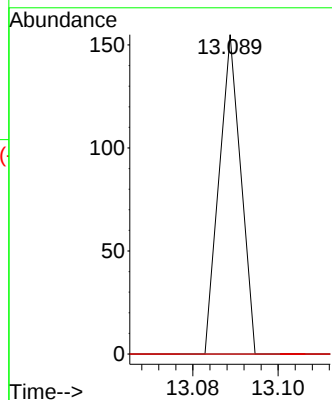
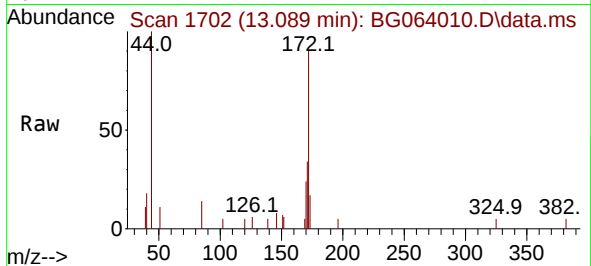




#43
2,4,6-Trichlorophenol
Concen: 4.914 ng
RT: 13.089 min Scan# 1702
Delta R.T. 0.160 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

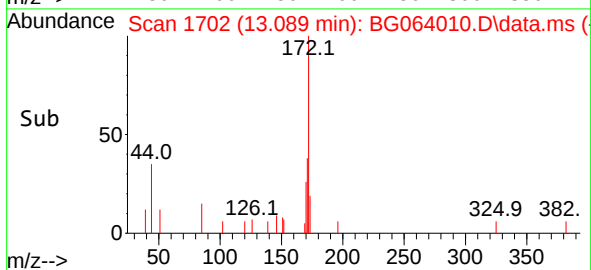
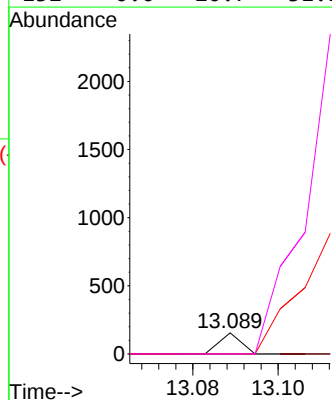
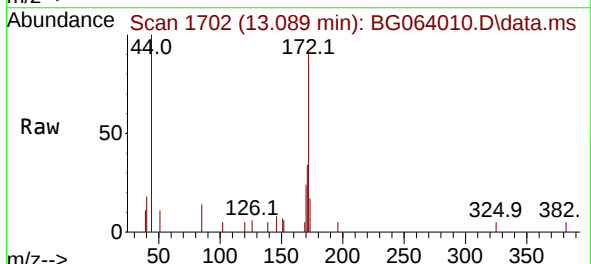
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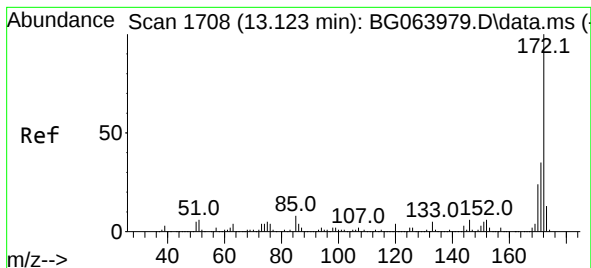
Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 77.9 116.9#
200 0.0 25.5 38.3#



#44
2,4,5-Trichlorophenol
Concen: 3.954 ng
RT: 13.089 min Scan# 1702
Delta R.T. 0.095 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 81.1 121.7#
97 0.0 41.2 61.8#
132 0.0 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 88.881 ng

RT: 13.124 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064010.D

Acq: 6 Feb 2025 10:20

Instrument :

BNA_G

ClientSampleId :

PB166013BL

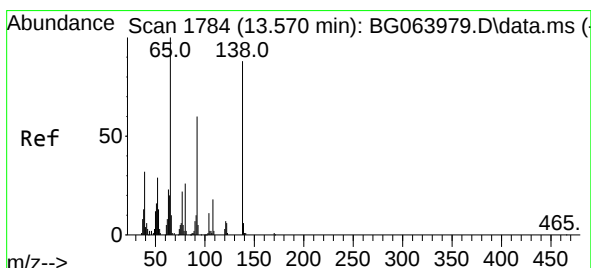
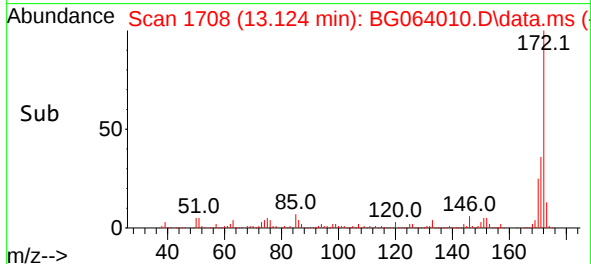
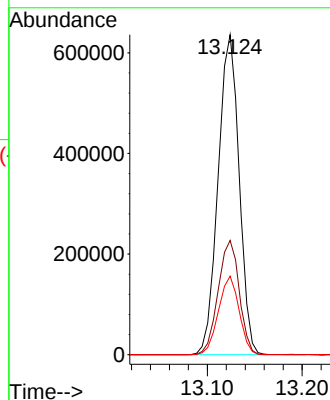
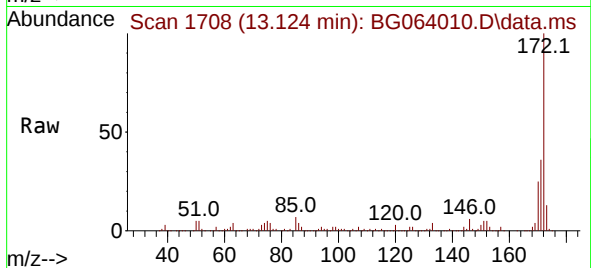
Tgt Ion:172 Resp: 979882

Ion Ratio Lower Upper

172 100

171 35.7 27.8 41.6

170 24.5 19.4 29.2



#48

2-Nitroaniline

Concen: 5.079 ng

RT: 13.124 min Scan# 1708

Delta R.T. -0.446 min

Lab File: BG064010.D

Acq: 6 Feb 2025 10:20

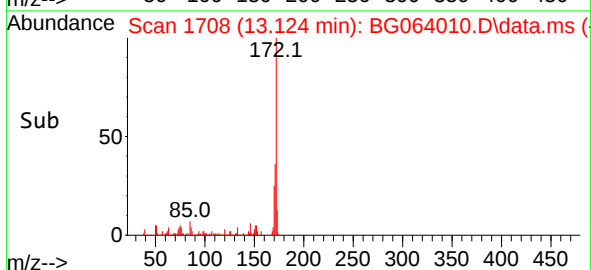
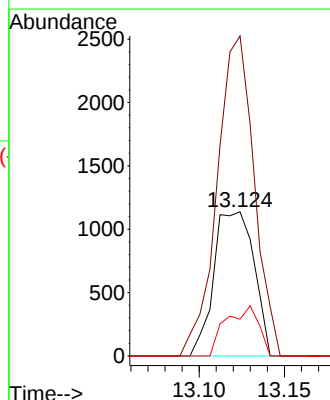
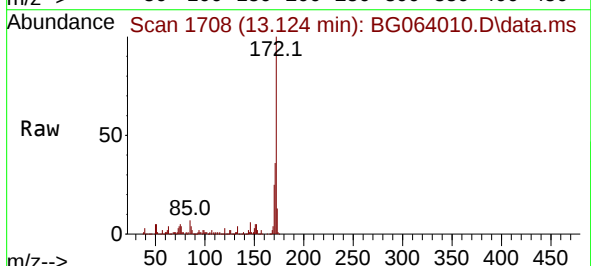
Tgt Ion: 65 Resp: 1863

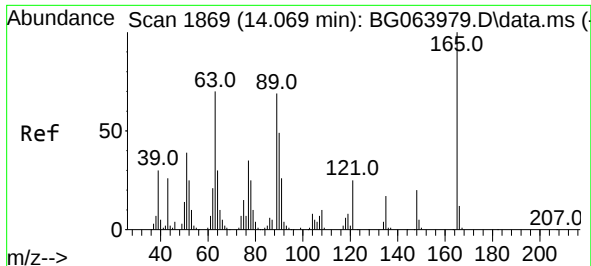
Ion Ratio Lower Upper

65 100

92 222.1 47.6 71.4#

138 25.5 70.6 106.0#

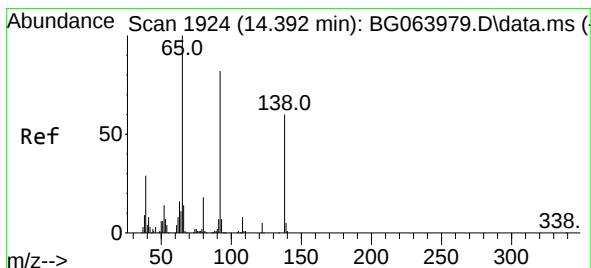
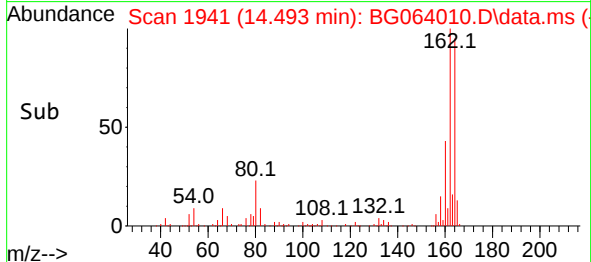
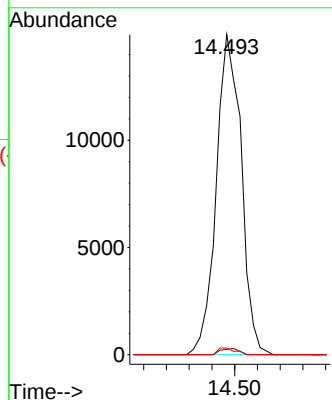
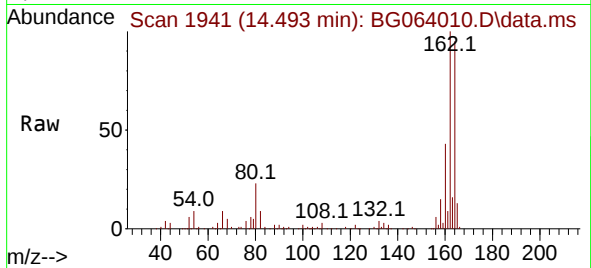




#51
2,6-Dinitrotoluene
Concen: 15.356 ng
RT: 14.493 min Scan# 1898
Delta R.T. 0.424 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

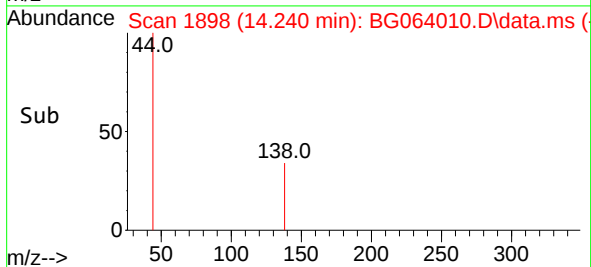
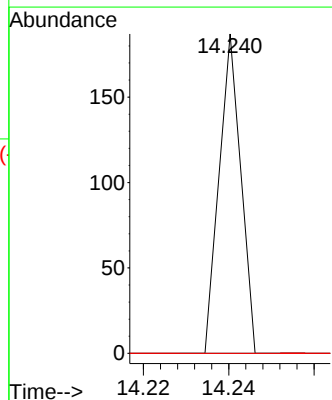
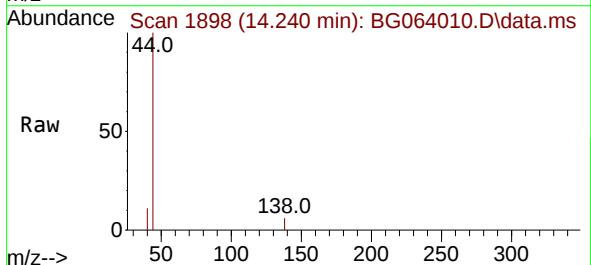
Instrument :
BNA_G
ClientSampleId :
PB166013BL

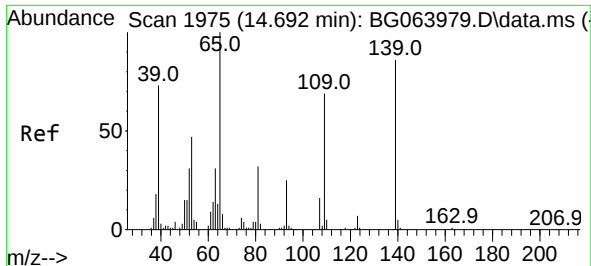
Tgt Ion:165 Resp: 22777
Ion Ratio Lower Upper
165 100
63 1.7 57.7 86.5#
89 2.1 55.6 83.4#



#53
3-Nitroaniline
Concen: 5.358 ng
RT: 14.240 min Scan# 1898
Delta R.T. -0.152 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 0.0 109.0 163.4#

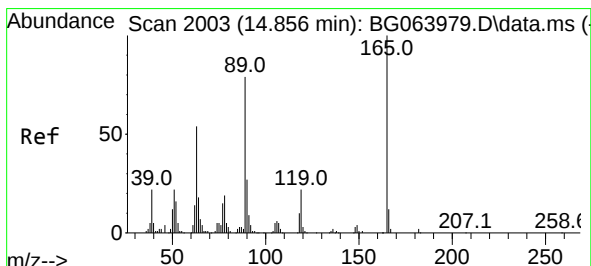
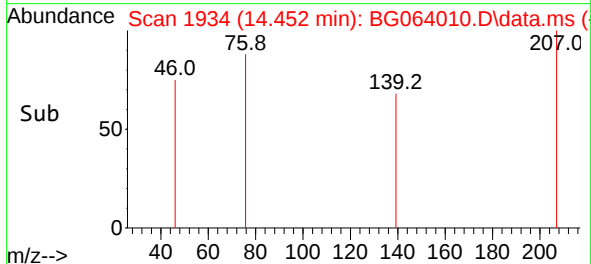
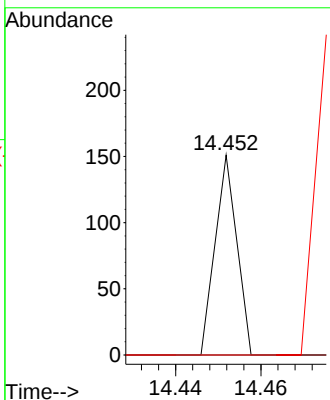
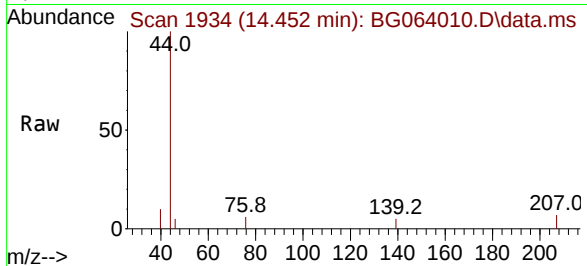




#56
4-Nitrophenol
Concen: 8.457 ng
RT: 14.452 min Scan# 1941
Delta R.T. -0.240 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

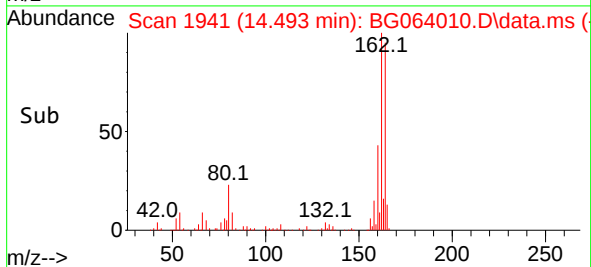
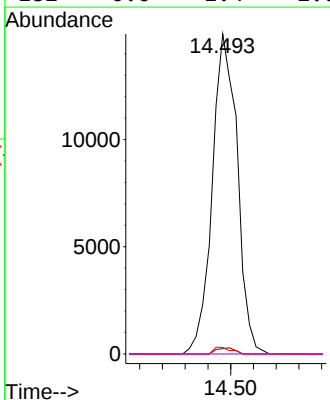
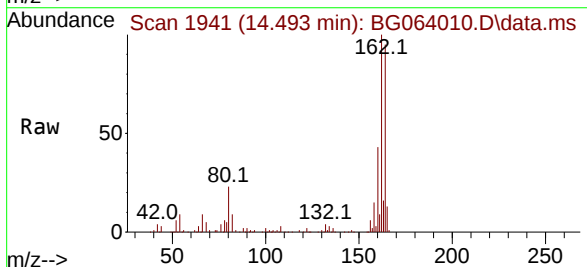
Instrument :
BNA_G
ClientSampleId :
PB166013BL

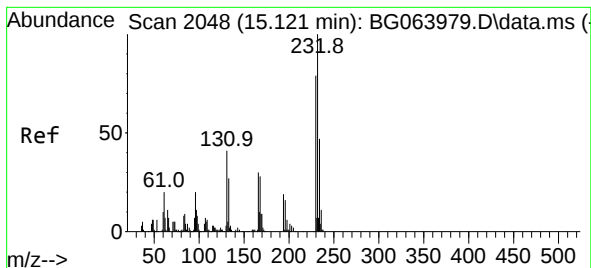
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 60.1 100.1#
65 0.0 96.2 136.2#



#57
2,4-Dinitrotoluene
Concen: 13.386 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.363 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:165 Resp: 22777
Ion Ratio Lower Upper
165 100
63 1.7 43.6 65.4#
89 2.1 63.1 94.7#
182 0.0 1.4 2.0#

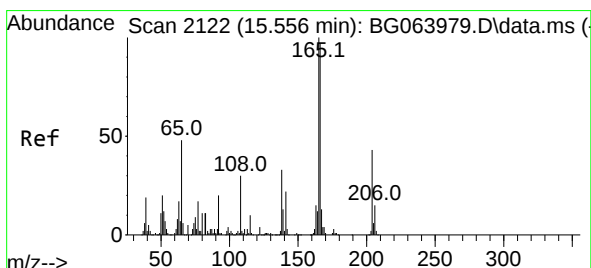
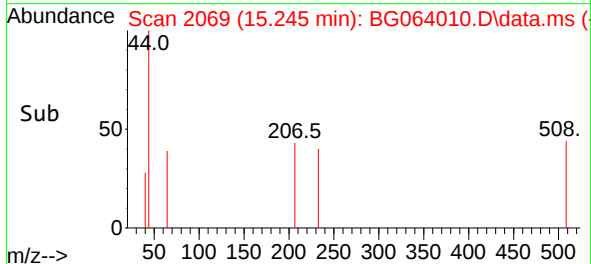
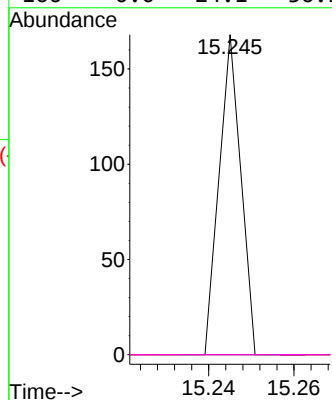
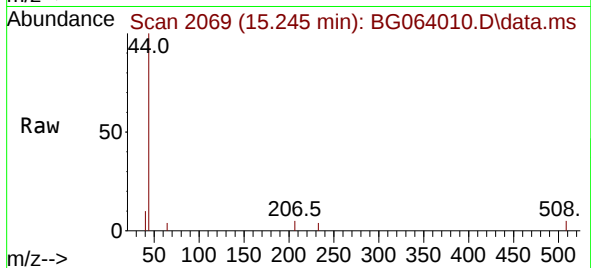




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.227 ng
RT: 15.245 min Scan# 2048
Delta R.T. 0.124 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

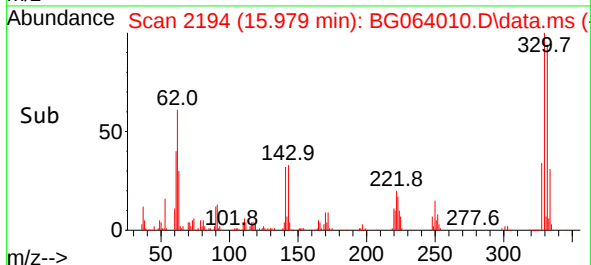
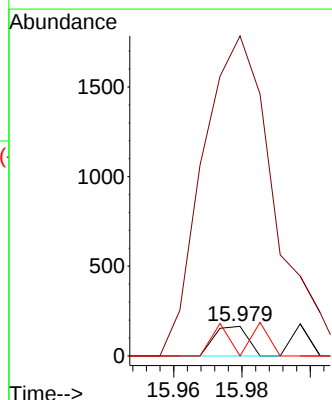
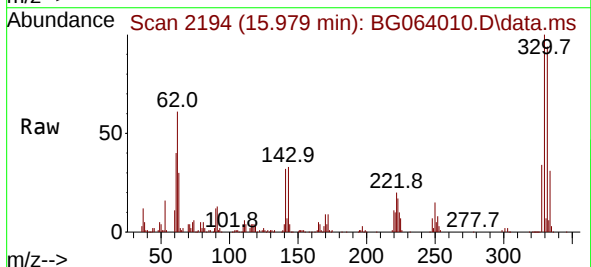
Instrument :
BNA_G
ClientSampleId :
PB166013BL

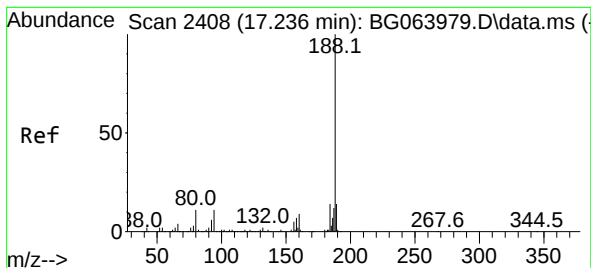
Tgt Ion:232 Resp: 59
Ion Ratio Lower Upper
232 100
131 0.0 34.0 51.0#
130 0.0 2.2 3.4#
166 0.0 24.1 36.1#



#62
4-Nitroaniline
Concen: 3.973 ng
RT: 15.979 min Scan# 2194
Delta R.T. 0.423 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:138 Resp: 112
Ion Ratio Lower Upper
138 100
92 1081.8 40.3 80.3#
108 0.0 69.3 109.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.237 min Scan# 2408

Delta R.T. 0.001 min

Lab File: BG064010.D

Acq: 6 Feb 2025 10:20

Instrument :

BNA_G

ClientSampleId :

PB166013BL

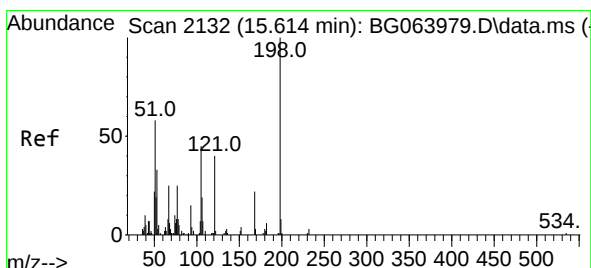
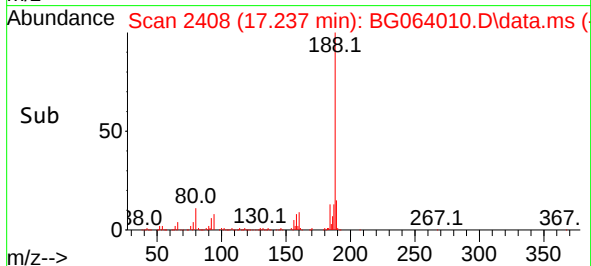
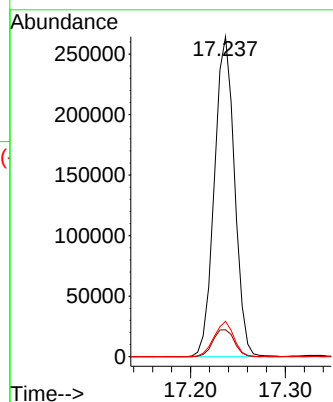
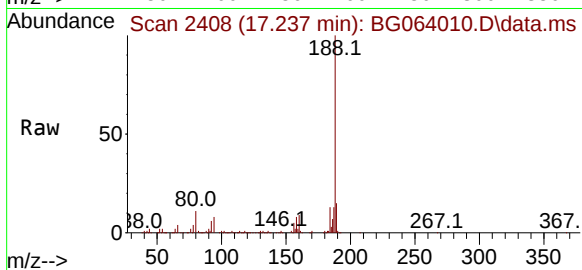
Tgt Ion:188 Resp: 389770

Ion Ratio Lower Upper

188 100

94 8.4 8.6 13.0#

80 11.1 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 2.572 ng

RT: 15.974 min Scan# 2193

Delta R.T. 0.360 min

Lab File: BG064010.D

Acq: 6 Feb 2025 10:20

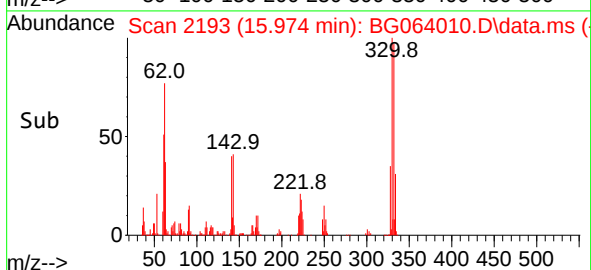
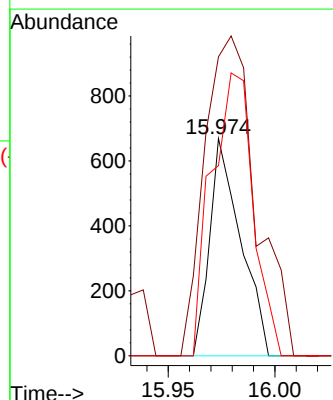
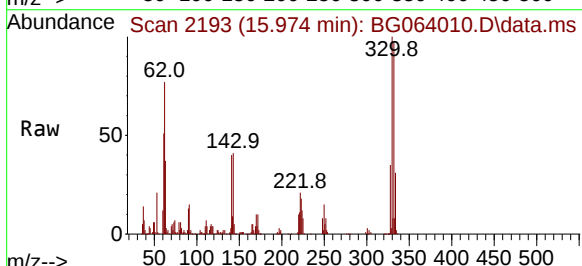
Tgt Ion:198 Resp: 677

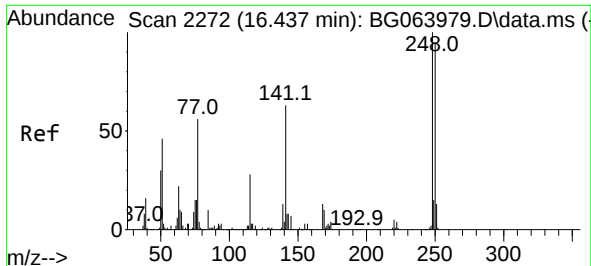
Ion Ratio Lower Upper

198 100

51 137.7 45.4 85.4#

105 87.6 27.7 67.7#

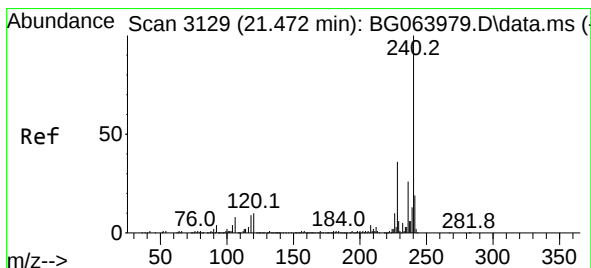
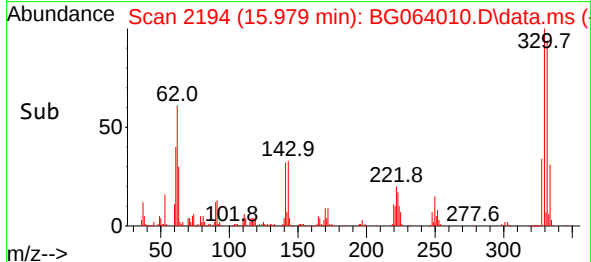
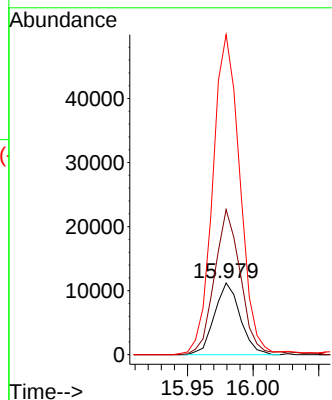
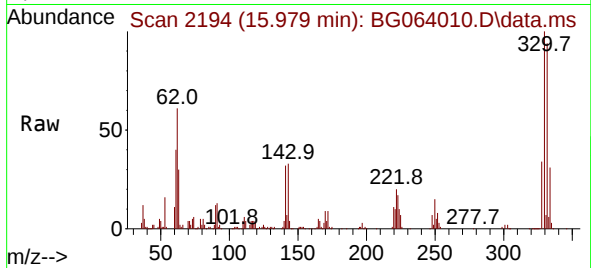




#67
4-Bromophenyl-phenylether
Concen: 3.943 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.457 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

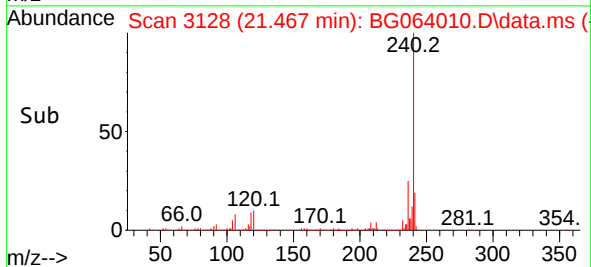
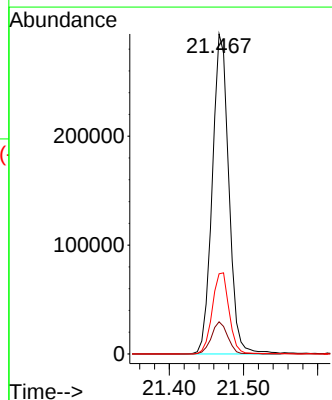
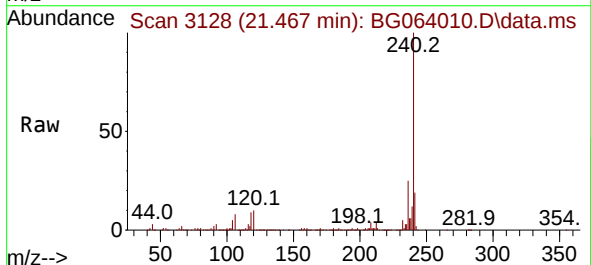
Instrument :
BNA_G
ClientSampleId :
PB166013BL

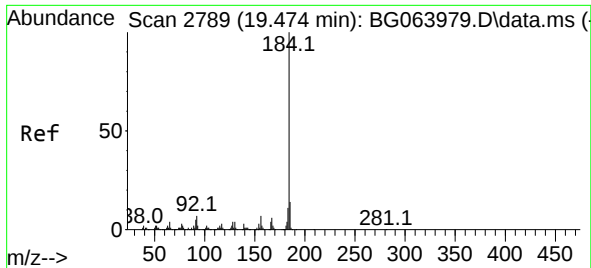
Tgt Ion:248 Resp: 15297
Ion Ratio Lower Upper
248 100
250 202.4 76.2 114.4#
141 446.3 50.6 75.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:240 Resp: 455632
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 25.0 21.0 31.6

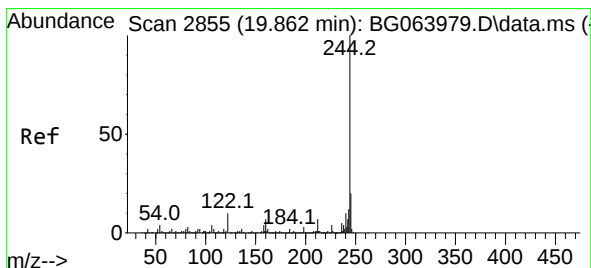
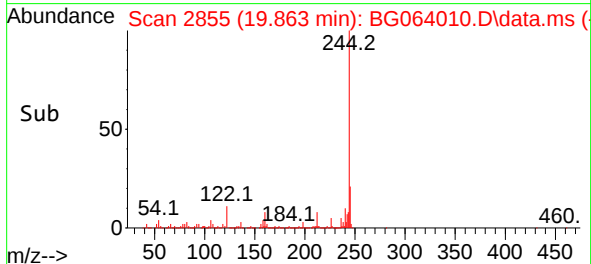
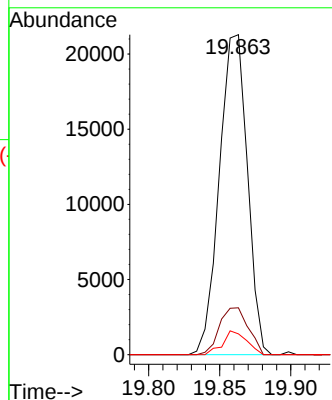
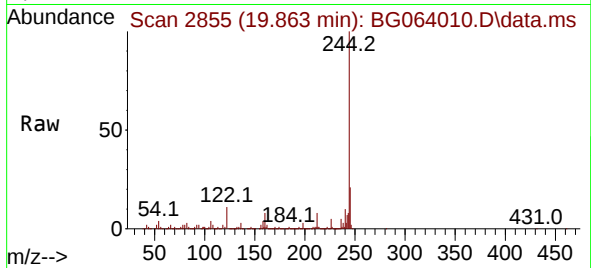




#77
Benzidine
Concen: 3.010 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.389 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

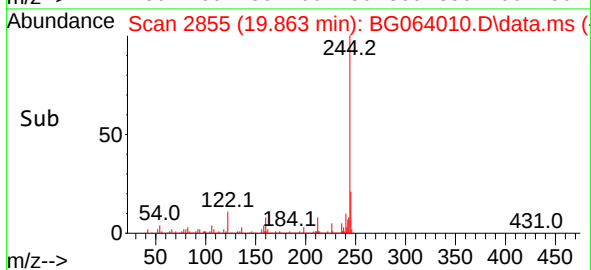
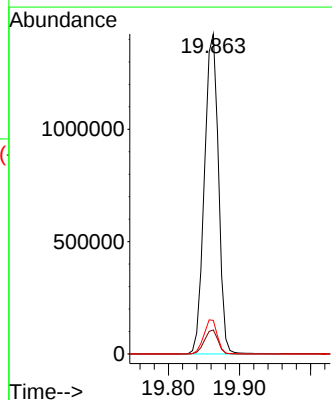
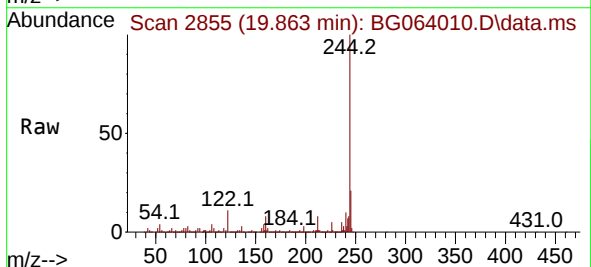
Instrument :
BNA_G
ClientSampleId :
PB166013BL

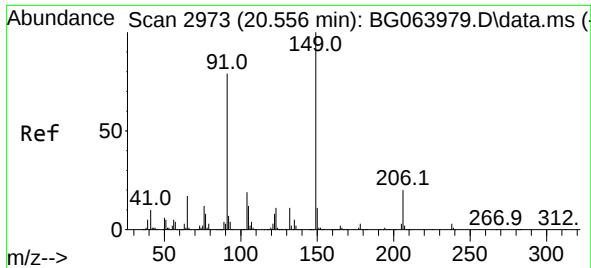
Tgt Ion:184 Resp: 29201
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 6.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 89.956 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:244 Resp: 1962548
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.5 7.7 11.5

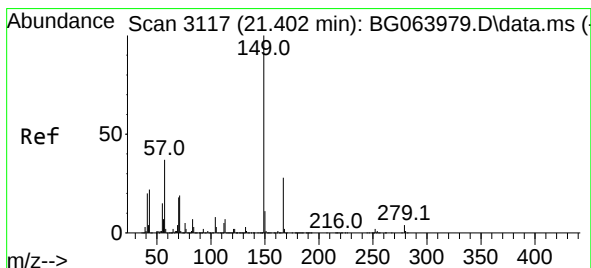
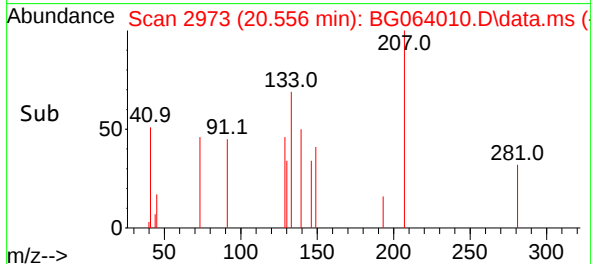
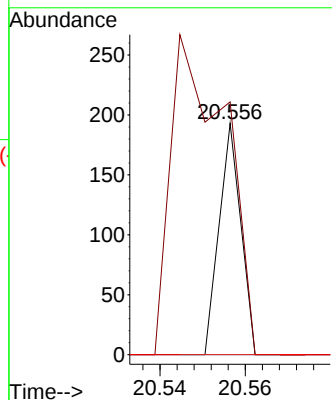
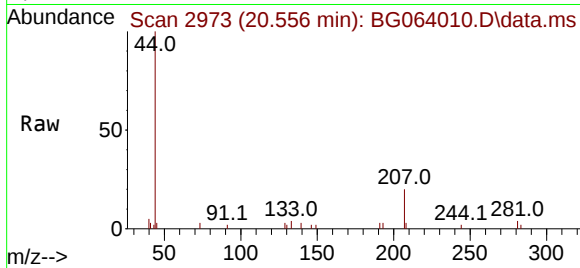




#80
 Butylbenzylphthalate
 Concen: 5.562 ng
 RT: 20.556 min Scan# 2973
 Delta R.T. 0.000 min
 Lab File: BG064010.D
 Acq: 6 Feb 2025 10:20

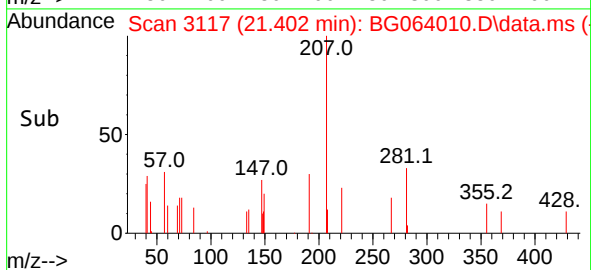
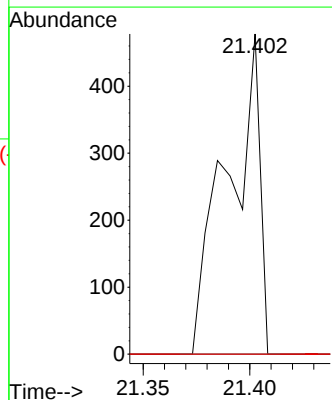
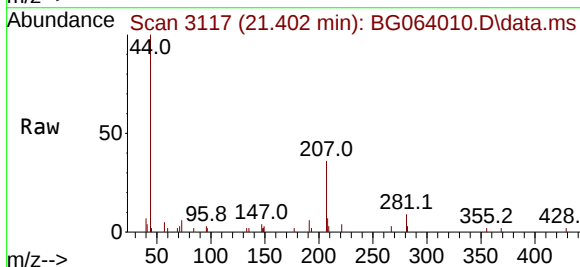
Instrument :
 BNA_G
 ClientSampleId :
 PB166013BL

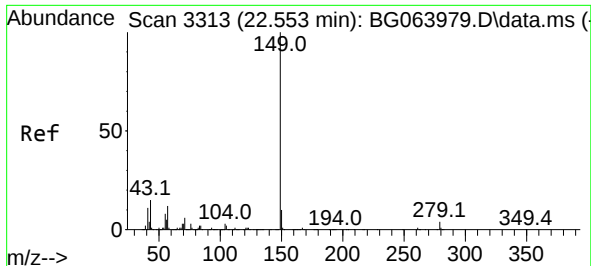
Tgt Ion:	149	Resp:	68
Ion	Ratio	Lower	Upper
149	100		
91	109.3	63.0	94.6#
206	0.0	15.8	23.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.497 ng
 RT: 21.402 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: BG064010.D
 Acq: 6 Feb 2025 10:20

Tgt Ion:	149	Resp:	504
Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.5	33.7#
279	0.0	3.0	4.4#

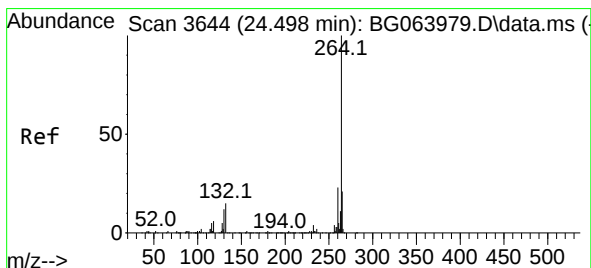
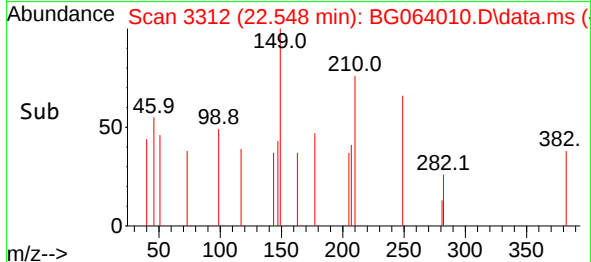
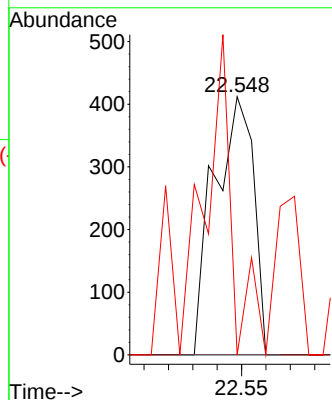
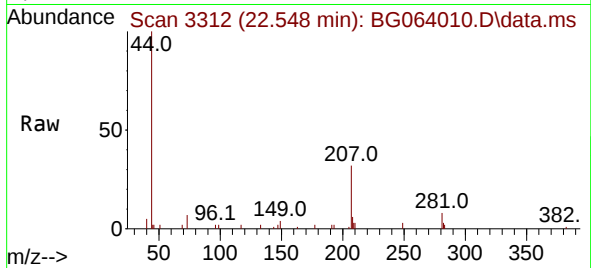




#85
Di-n-octyl phthalate
Concen: 6.957 ng
RT: 22.548 min Scan# 311
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion:149 Resp: 465
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 85.8 12.3 18.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.499 min Scan# 3644
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:264 Resp: 478154
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 16.6 24.8

