

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064020.D
 Acq On : 6 Feb 2025 16:36
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166258BL

Quant Time: Feb 06 17:15:55 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)

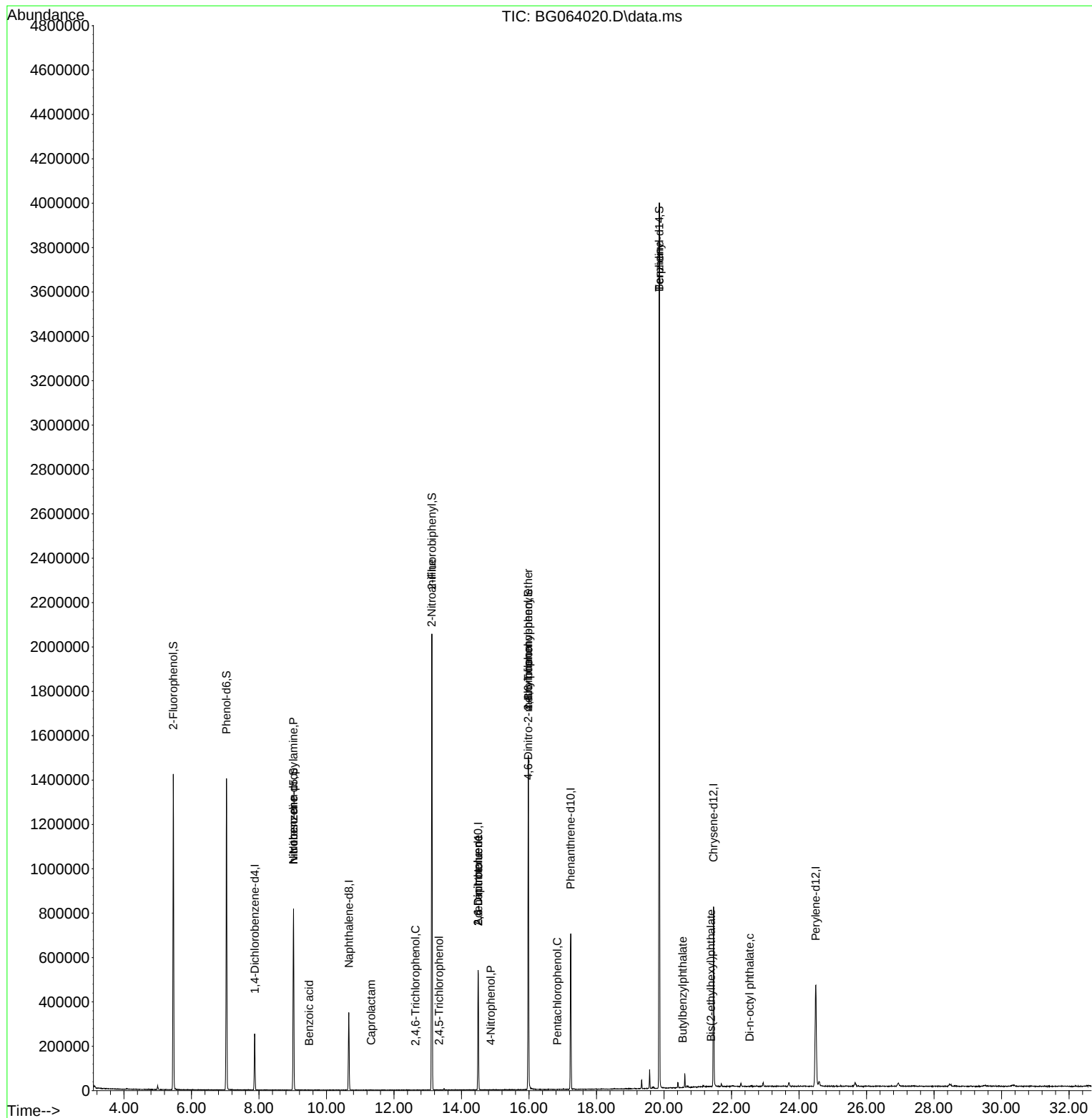
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	64541	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	269439	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	180328	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	417859	20.000	ng	0.00
76) Chrysene-d12	21.467	240	450330	20.000	ng	0.00
86) Perylene-d12	24.493	264	466509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	551858	137.092	ng	0.00
7) Phenol-d6	7.037	99	713953	129.240	ng	0.00
23) Nitrobenzene-d5	9.023	82	448517	101.169	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	263873	127.047	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	1015065	86.244	ng	0.00
79) Terphenyl-d14	19.863	244	2005012	92.985	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.023	70	56313	14.720	ng	# 90
24) Nitrobenzene	9.023	77	1751	4.140	ng	# 48
32) Benzoic acid	9.487	122	65	5.265	ng	# 1
35) Caprolactam	11.320	113	92	5.377	ng	# 1
43) 2,4,6-Trichlorophenol	12.636	196	64	4.916	ng	# 11
44) 2,4,5-Trichlorophenol	13.335	196	75	3.959	ng	# 14
48) 2-Nitroaniline	13.118	65	2223	5.178	ng	# 1
51) 2,6-Dinitrotoluene	14.493	165	24570	15.466	ng	# 16
56) 4-Nitrophenol	14.869	139	66	8.460	ng	# 1
57) 2,4-Dinitrotoluene	14.493	165	24570	13.472	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.973	198	1099	3.368	ng	# 15
67) 4-Bromophenyl-phenylether	15.979	248	17817	4.284	ng	# 1
70) Pentachlorophenol	16.837	266	69	8.709	ng	# 17
77) Benzidine	19.863	184	29382	3.064	ng	# 90
80) Butylbenzylphthalate	20.556	149	73	5.563	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.396	149	248	4.482	ng	# 52
85) Di-n-octyl phthalate	22.542	149	389	6.955	ng	# 66

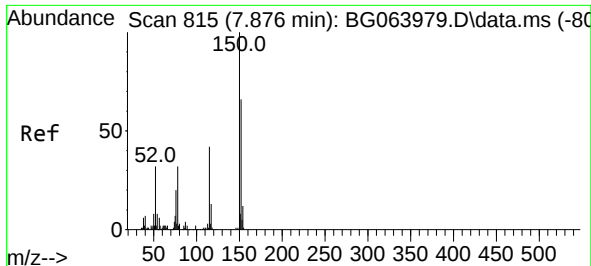
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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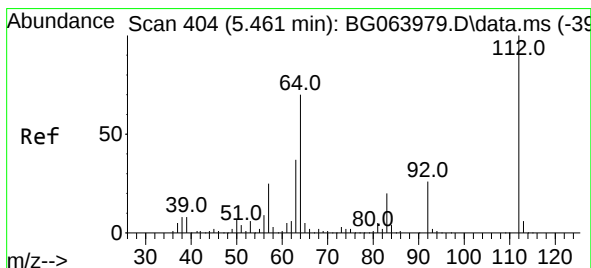
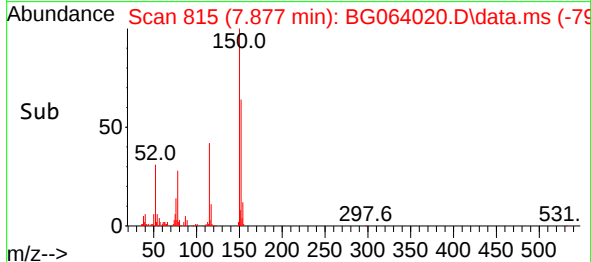
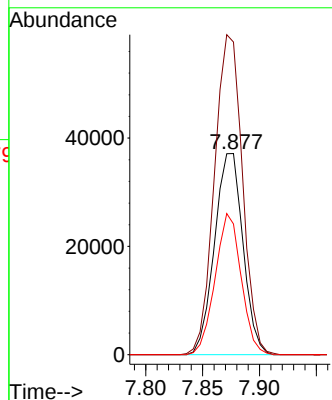
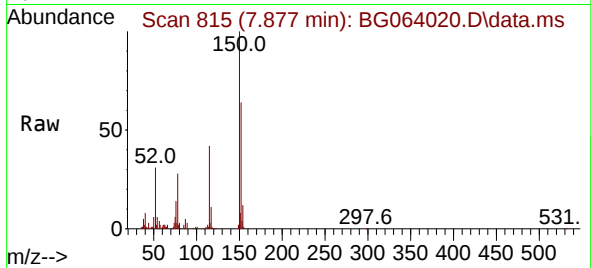




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.877 min Scan# 815
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

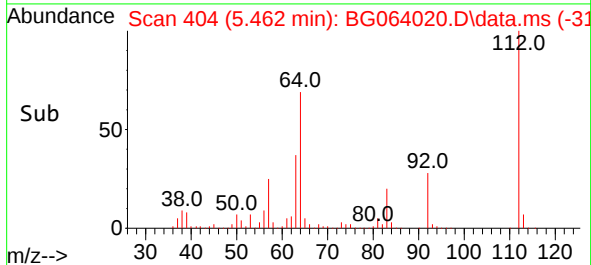
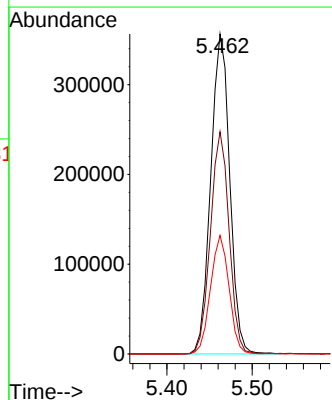
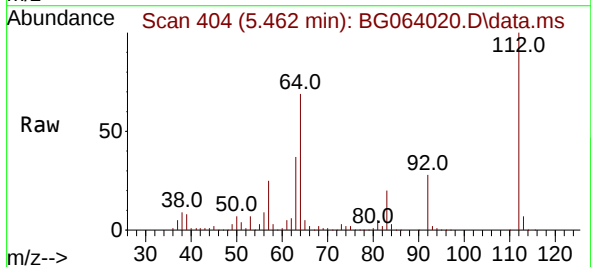
Instrument :
BNA_G
ClientSampleId :
PB166258BL

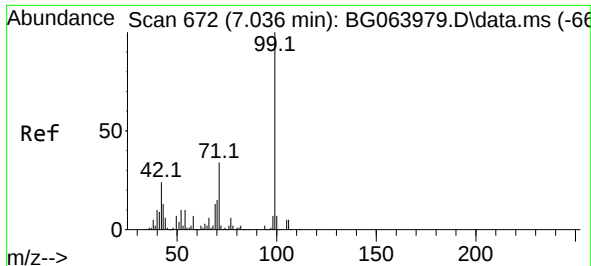
Tgt Ion:152 Resp: 64541
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 65.0 50.4 75.6



#5
2-Fluorophenol
Concen: 137.092 ng
RT: 5.462 min Scan# 404
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:112 Resp: 551858
Ion Ratio Lower Upper
112 100
64 69.4 55.8 83.8
63 37.0 29.3 43.9

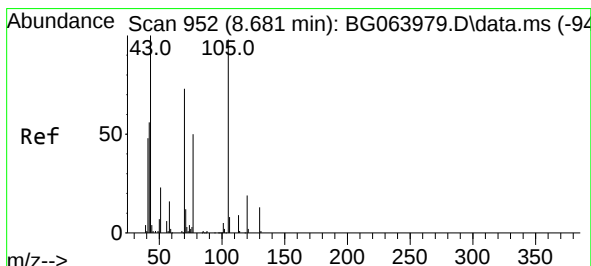
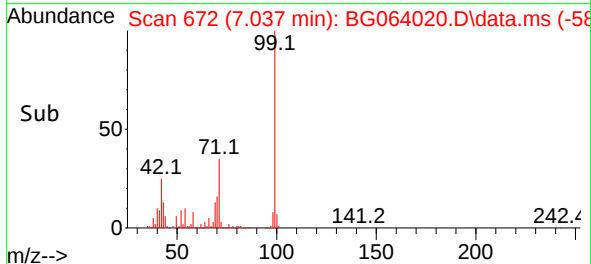
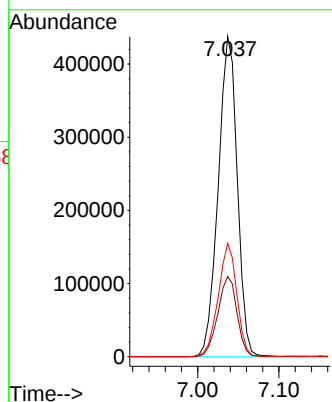
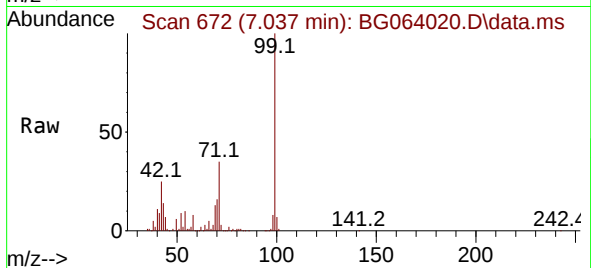




#7
Phenol-d6
Concen: 129.240 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

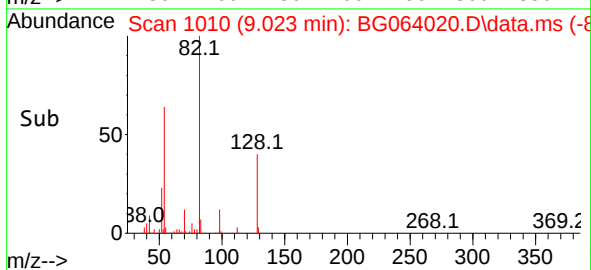
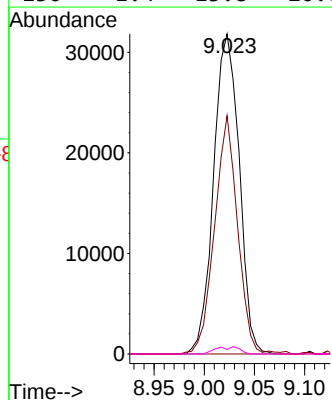
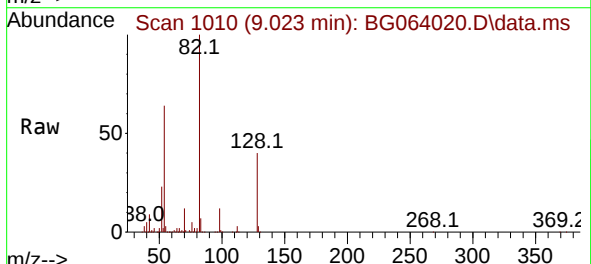
Instrument :
BNA_G
ClientSampleId :
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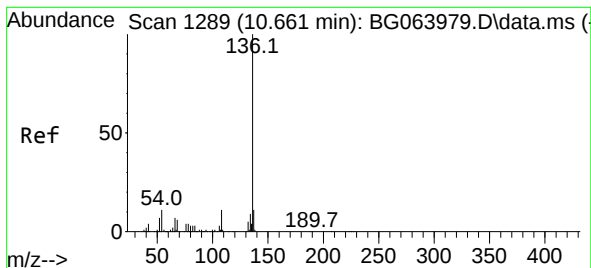
Tgt Ion: 99 Resp: 713953
Ion Ratio Lower Upper
99 100
42 25.1 18.9 28.3
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.720 ng
RT: 9.023 min Scan# 1010
Delta R.T. 0.342 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion: 70 Resp: 56313
Ion Ratio Lower Upper
70 100
42 74.5 62.2 93.4
101 0.0 5.6 8.4#
130 1.4 13.8 20.6#

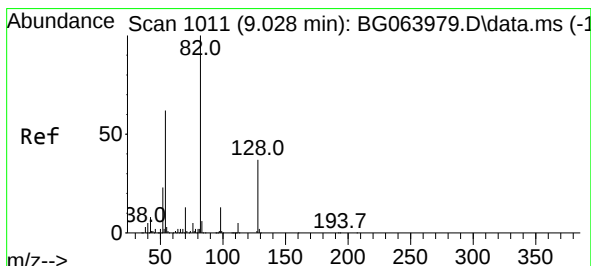
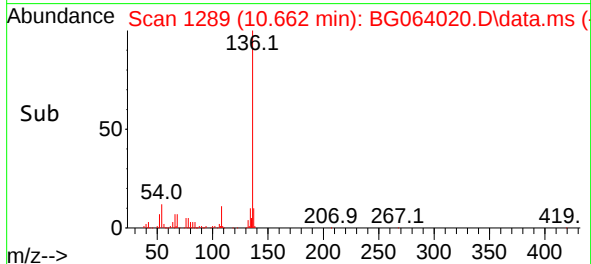
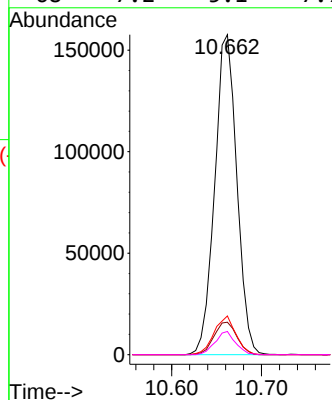
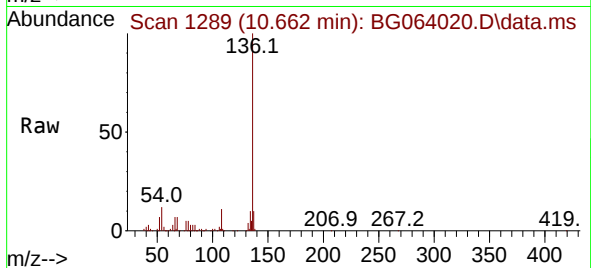




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

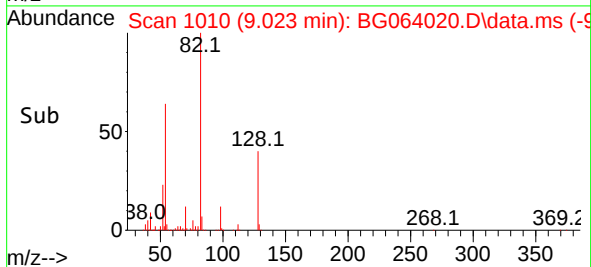
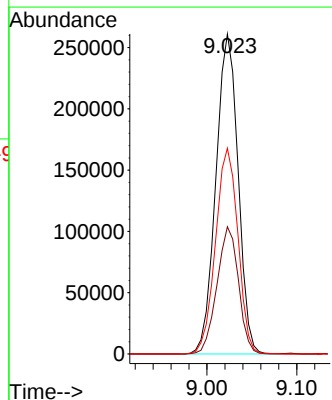
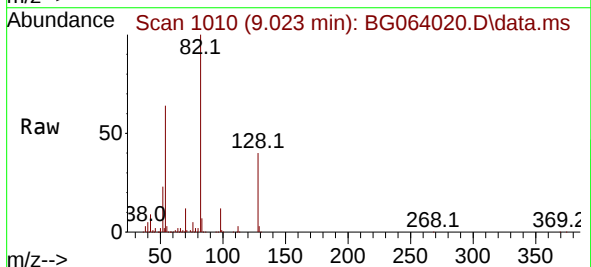
Instrument :
BNA_G
ClientSampleId :
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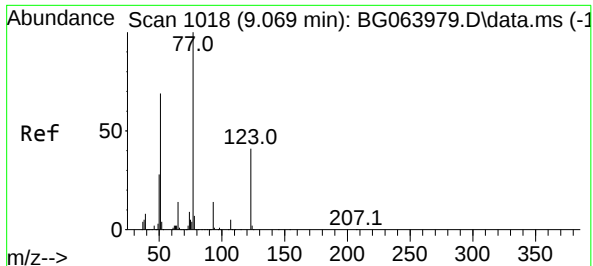
Tgt Ion:	136	Resp:	269439
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.9	13.3
54	12.1	9.2	13.8
68	7.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 101.169 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:	82	Resp:	448517
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.4	44.2
54	64.3	49.9	74.9

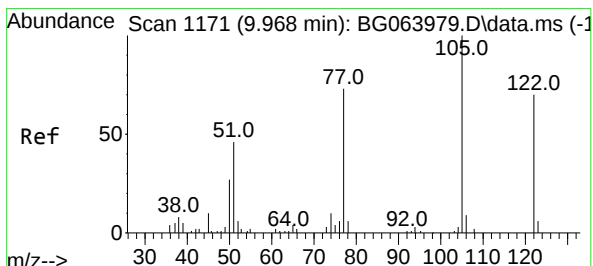
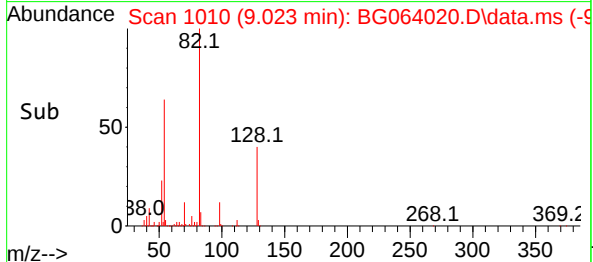
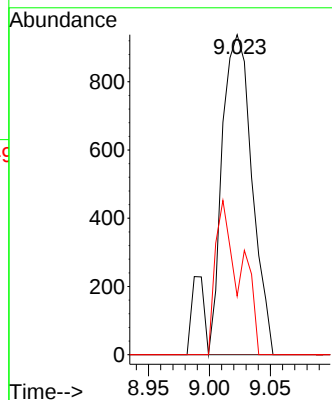
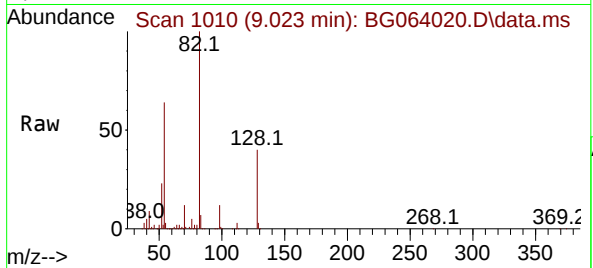




#24
Nitrobenzene
Concen: 4.140 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.046 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

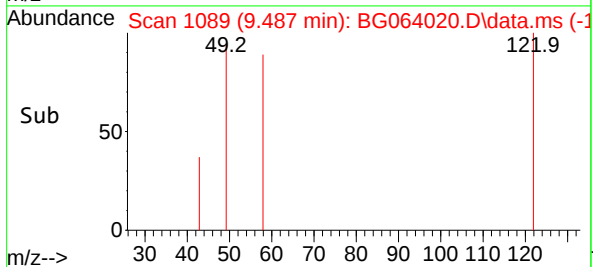
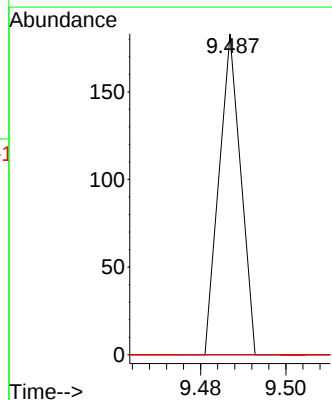
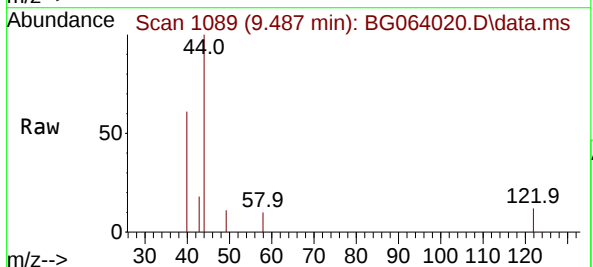
Instrument :
BNA_G
ClientSampleId :
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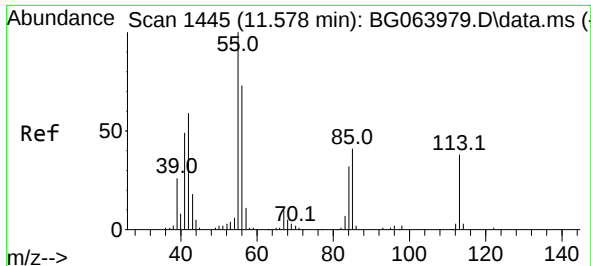
Tgt Ion: 77 Resp: 1751
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 18.3 11.0 16.6#



#32
Benzoic acid
Concen: 5.265 ng
RT: 9.487 min Scan# 1089
Delta R.T. -0.481 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 117.9 157.9#
77 0.0 83.9 123.9#

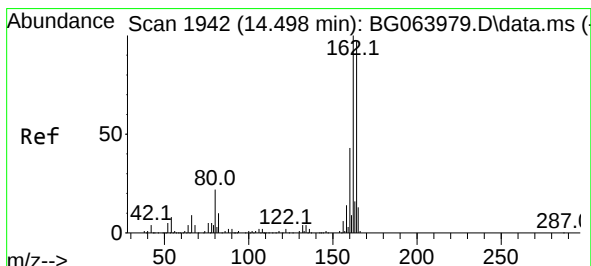
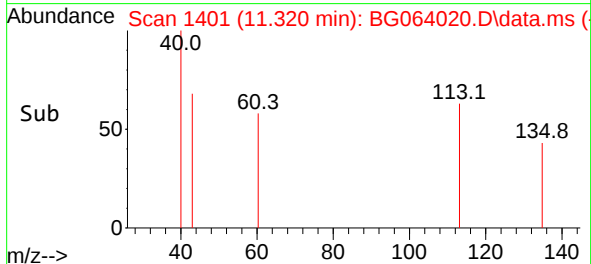
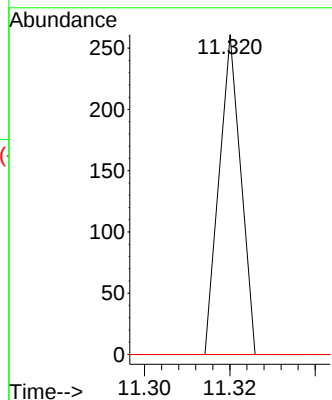
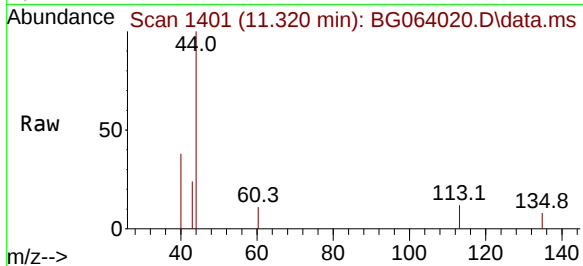




#35
 Caprolactam
 Concen: 5.377 ng
 RT: 11.320 min Scan# 1445
 Delta R.T. -0.258 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

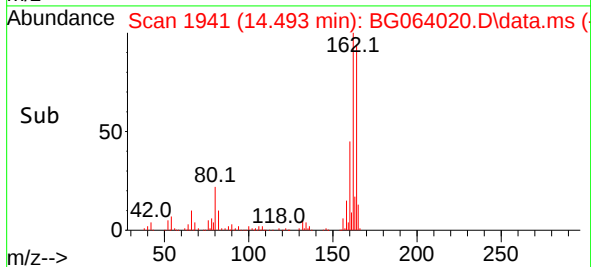
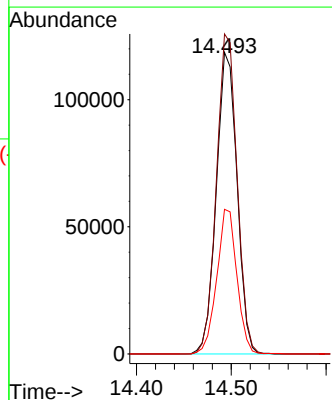
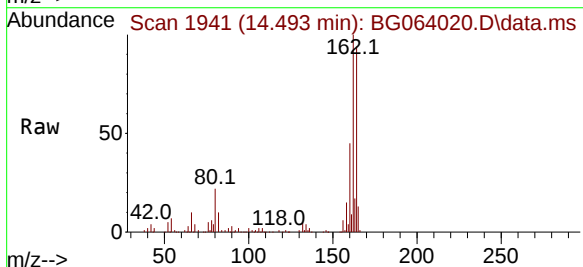
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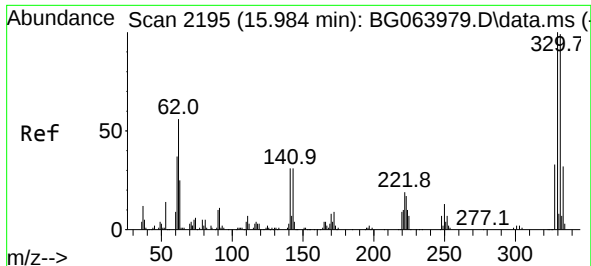
Tgt Ion:113 Resp: 92
 Ion Ratio Lower Upper
 113 100
 55 0.0 241.8 281.8#
 56 0.0 171.5 211.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.493 min Scan# 1941
 Delta R.T. -0.005 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

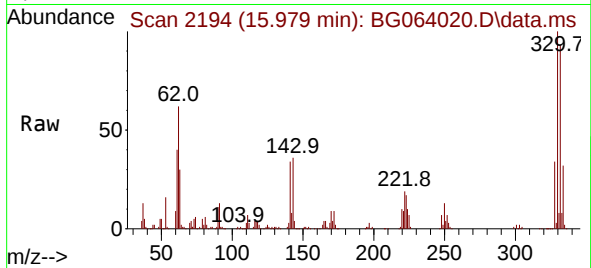
Tgt Ion:164 Resp: 180328
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.3 123.5
 160 48.0 35.4 53.0



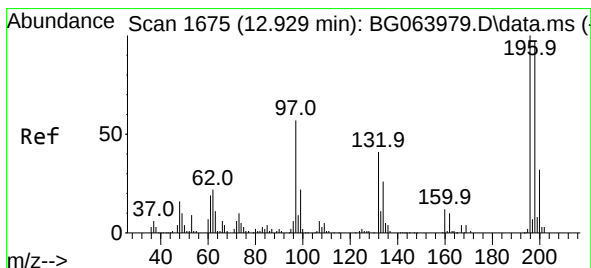
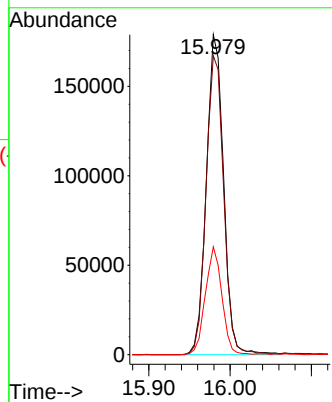
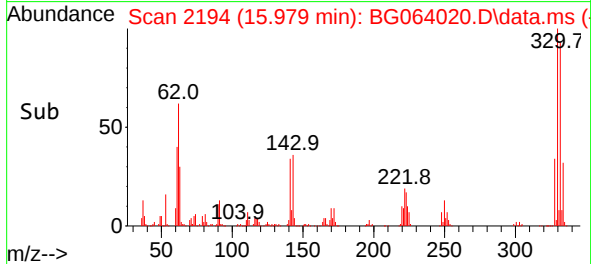


#42
 2,4,6-Tribromophenol
 Concen: 127.047 ng
 RT: 15.979 min Scan# 2194
 Delta R.T. -0.005 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

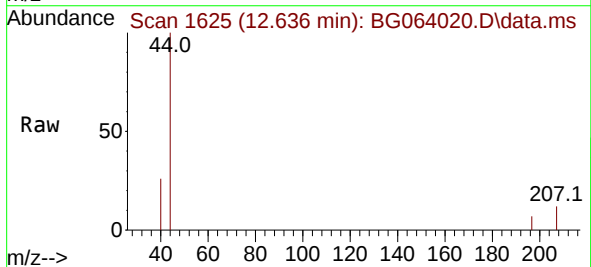
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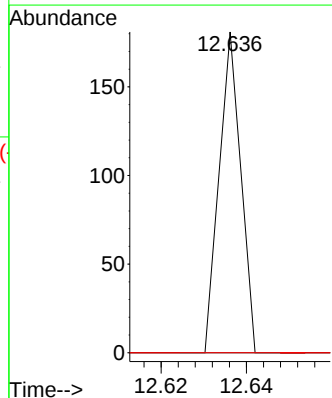
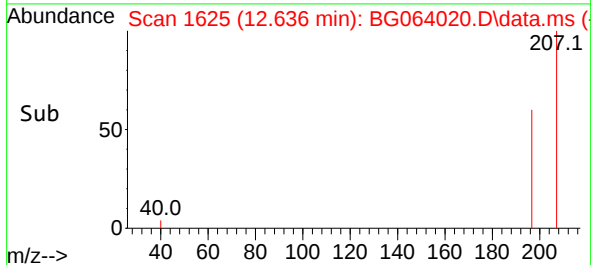
Tgt Ion:330 Resp: 263873
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.6
 141 32.3 27.2 40.8

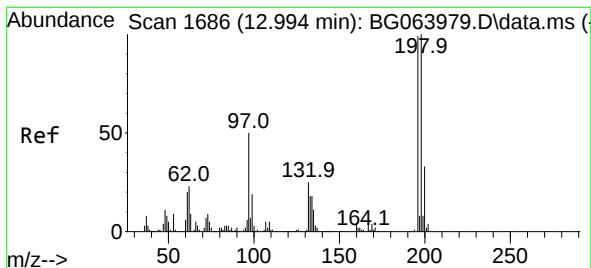


#43
 2,4,6-Trichlorophenol
 Concen: 4.916 ng
 RT: 12.636 min Scan# 1625
 Delta R.T. -0.293 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36



Tgt Ion:196 Resp: 64
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.9 116.9#
 200 0.0 25.5 38.3#

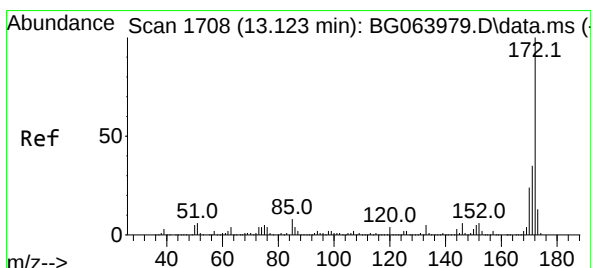
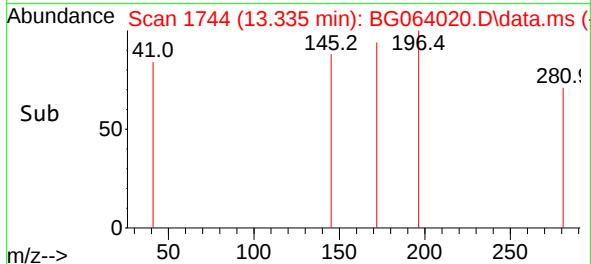
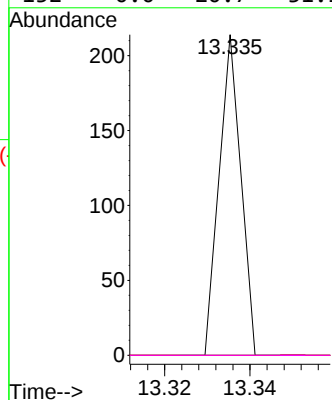
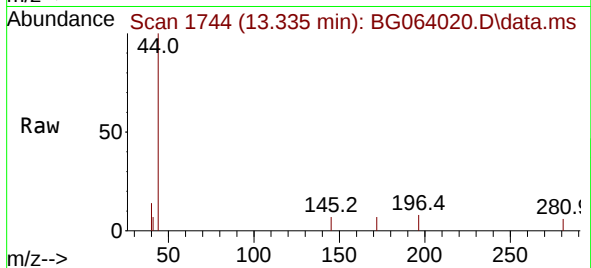




#44
2,4,5-Trichlorophenol
Concen: 3.959 ng
RT: 13.335 min Scan# 11
Delta R.T. 0.341 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

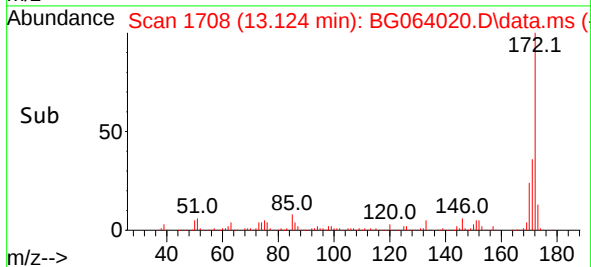
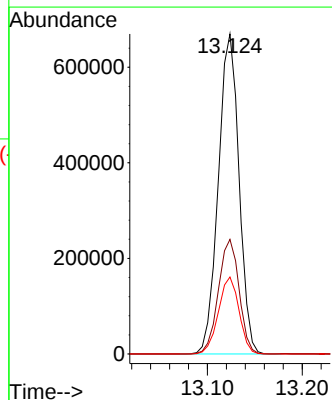
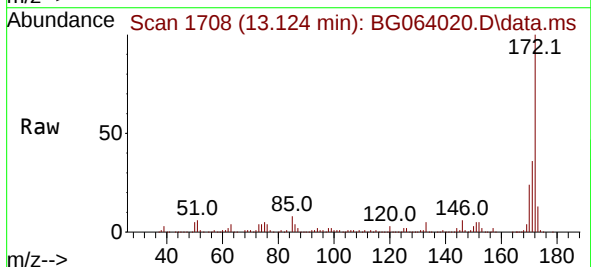
Instrument :
BNA_G
ClientSampleId :
PB166258BL

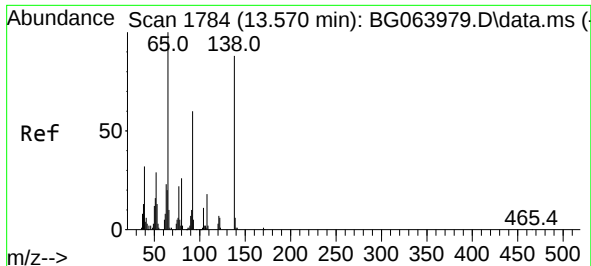
Tgt Ion:196 Resp: 75
Ion Ratio Lower Upper
196 100
198 0.0 81.1 121.7#
97 0.0 41.2 61.8#
132 0.0 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 86.244 ng
RT: 13.124 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:172 Resp: 1015065
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.0 19.4 29.2

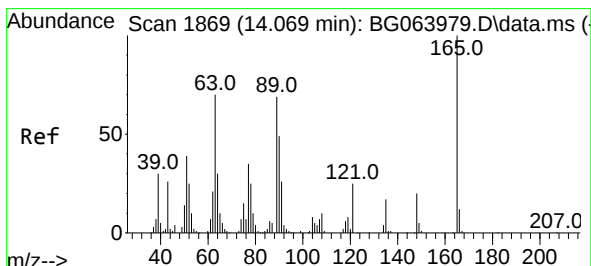
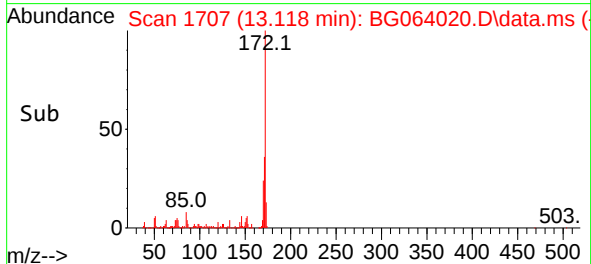
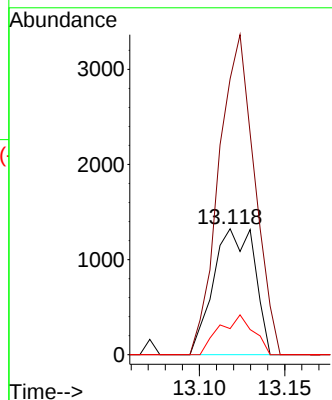
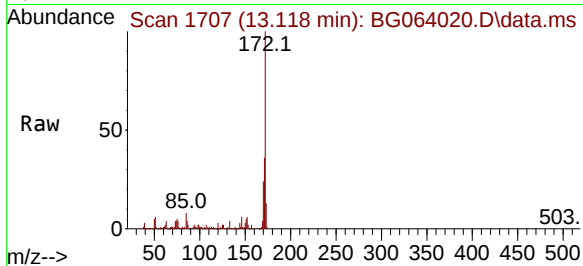




#48
2-Nitroaniline
Concen: 5.178 ng
RT: 13.118 min Scan# 11
Delta R.T. -0.452 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

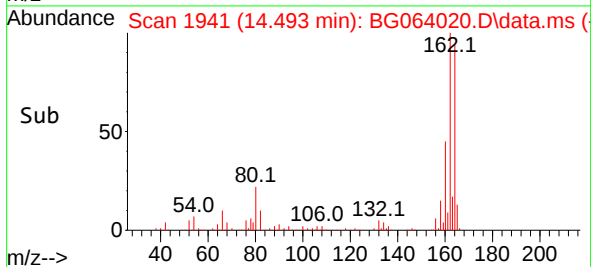
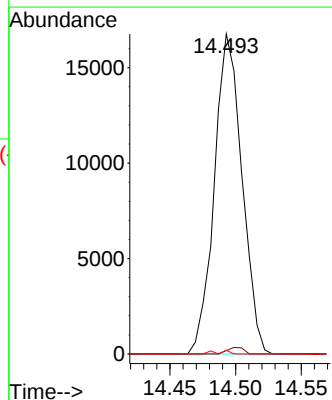
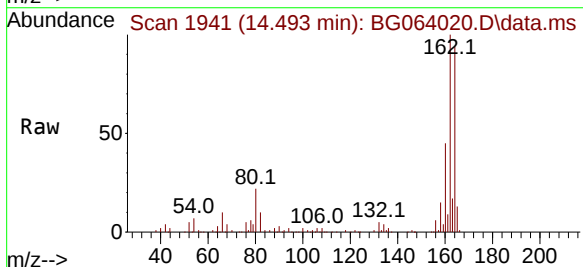
Instrument :
BNA_G
ClientSampleId :
PB166258BL

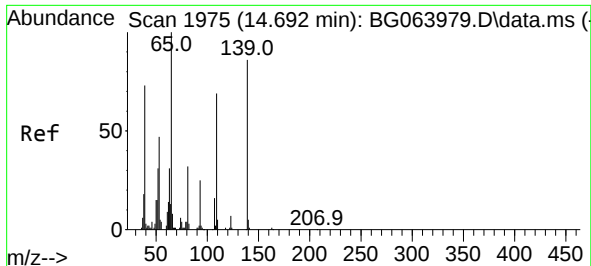
Tgt Ion: 65 Resp: 2223
Ion Ratio Lower Upper
65 100
92 219.0 47.6 71.4#
138 20.8 70.6 106.0#



#51
2,6-Dinitrotoluene
Concen: 15.466 ng
RT: 14.493 min Scan# 1941
Delta R.T. 0.424 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:165 Resp: 24570
Ion Ratio Lower Upper
165 100
63 1.1 57.7 86.5#
89 1.1 55.6 83.4#

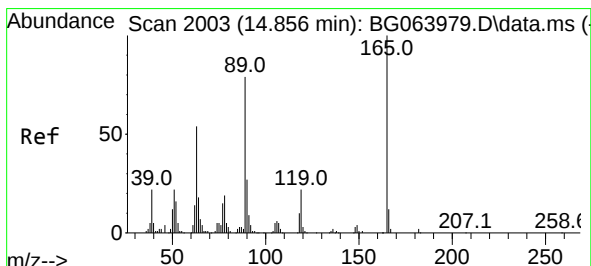
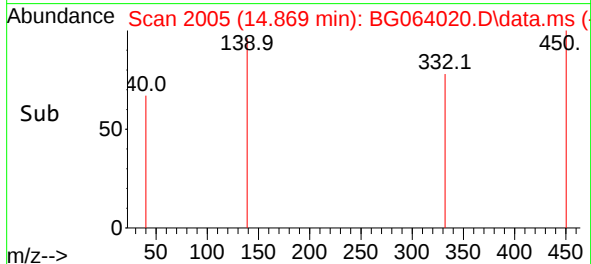
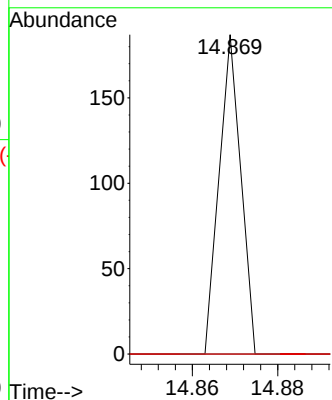
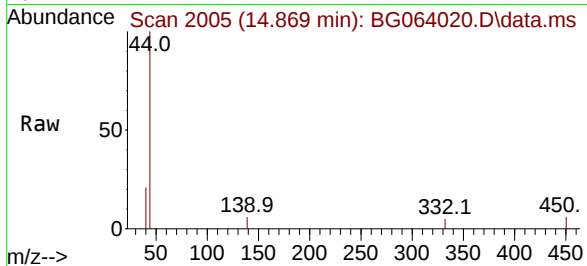




#56
4-Nitrophenol
Concen: 8.460 ng
RT: 14.869 min Scan# 20
Delta R.T. 0.177 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

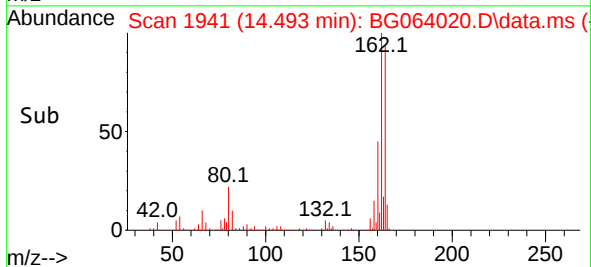
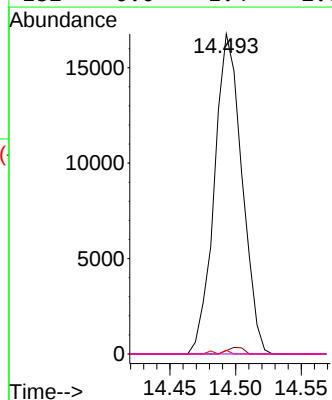
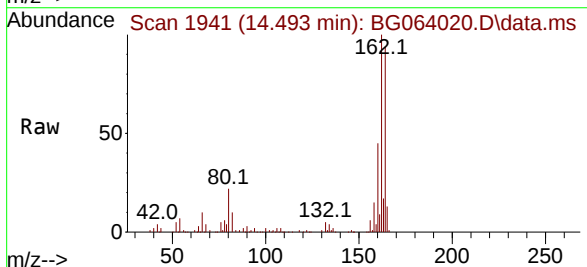
Instrument :
BNA_G
ClientSampleId :
PB166258BL

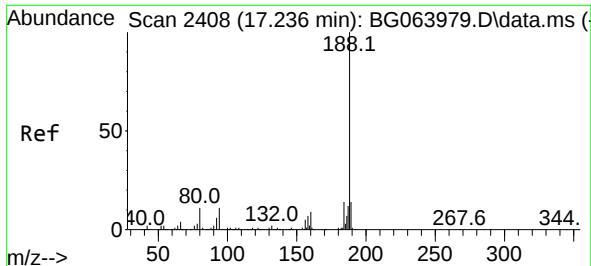
Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 60.1 100.1#
65 0.0 96.2 136.2#



#57
2,4-Dinitrotoluene
Concen: 13.472 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.363 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:165 Resp: 24570
Ion Ratio Lower Upper
165 100
63 1.1 43.6 65.4#
89 1.1 63.1 94.7#
182 0.0 1.4 2.0#

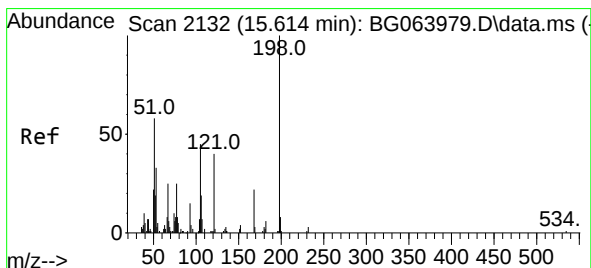
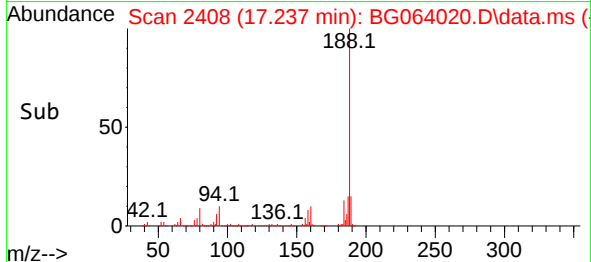
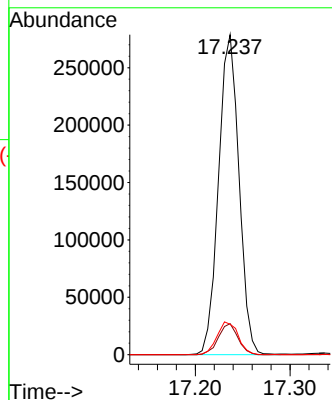
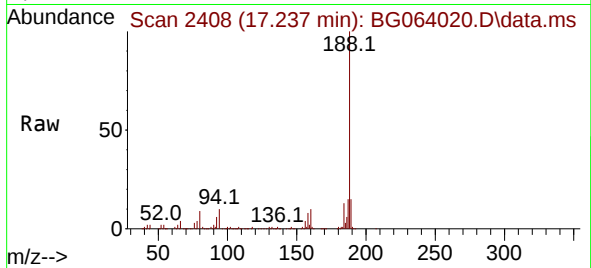




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

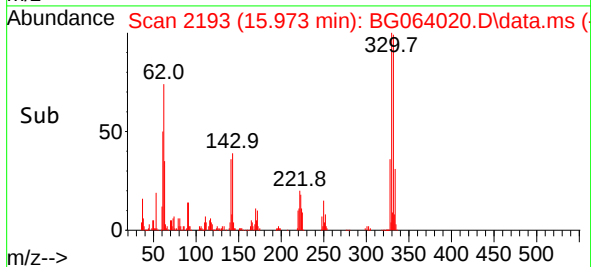
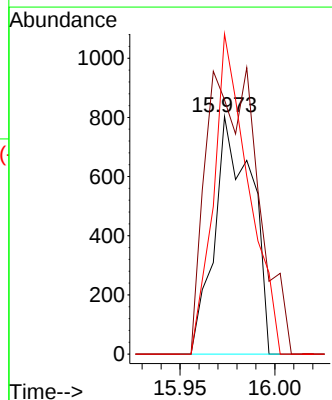
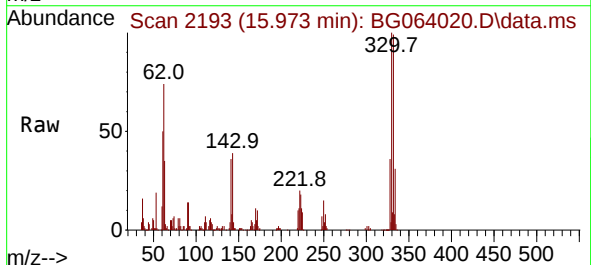
Instrument :
BNA_G
ClientSampleId :
PB166258BL

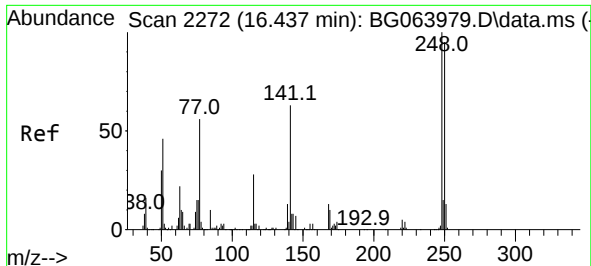
Tgt Ion:188 Resp: 417859
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 9.5 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 3.368 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.359 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:198 Resp: 1099
Ion Ratio Lower Upper
198 100
51 107.0 45.4 85.4#
105 134.7 27.7 67.7#

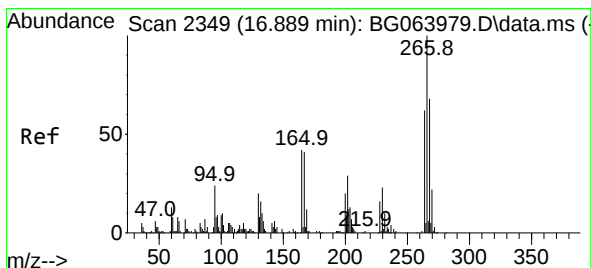
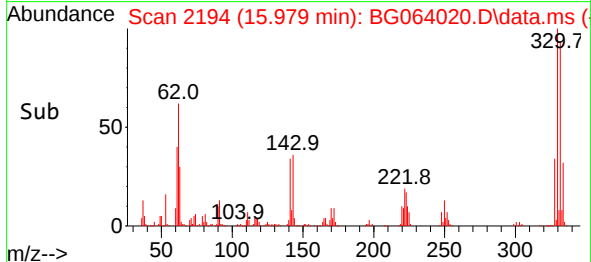
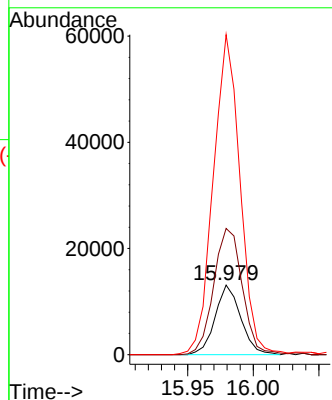
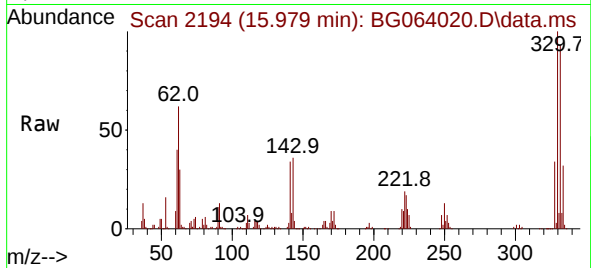




#67
4-Bromophenyl-phenylether
Concen: 4.284 ng
RT: 15.979 min Scan# 2119
Delta R.T. -0.458 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

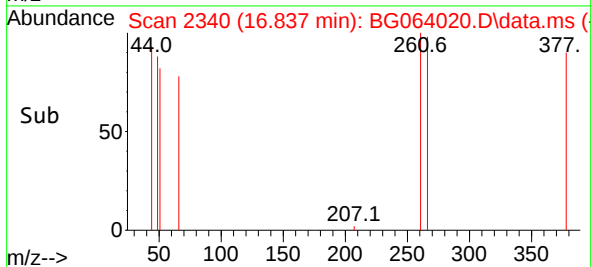
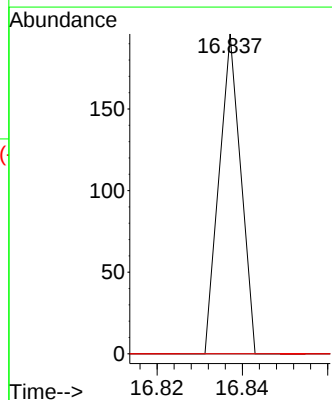
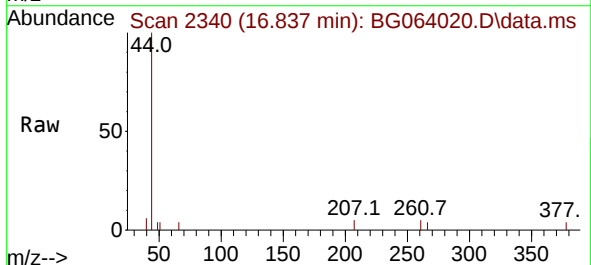
Instrument :
BNA_G
ClientSampleId :
PB166258BL

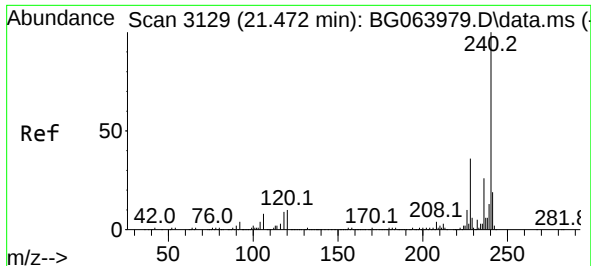
Tgt Ion:248 Resp: 17817
Ion Ratio Lower Upper
248 100
250 181.3 76.2 114.4#
141 459.9 50.6 75.8#



#70
Pentachlorophenol
Concen: 8.709 ng
RT: 16.837 min Scan# 2340
Delta R.T. -0.052 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
268 0.0 54.8 82.2#
264 0.0 50.0 75.0#

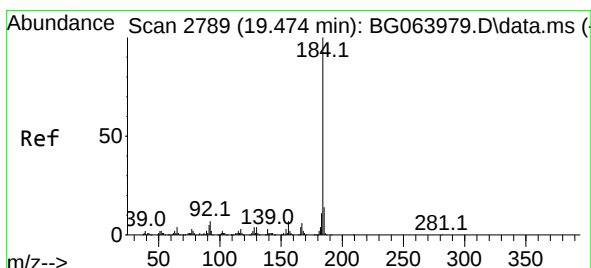
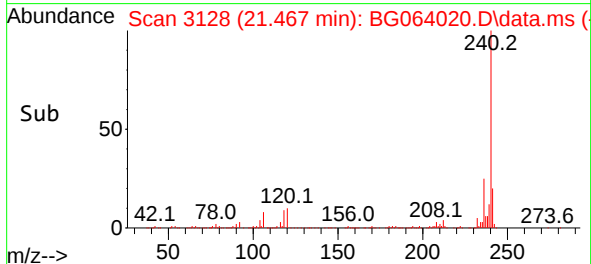
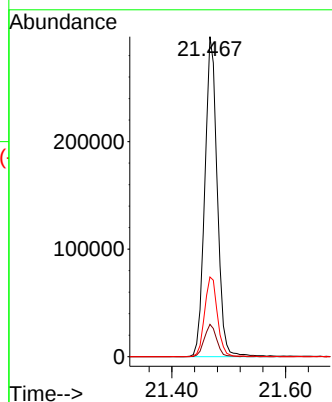
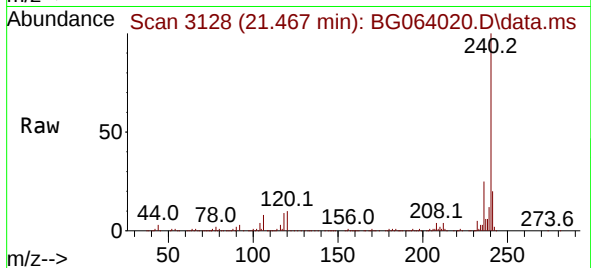




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

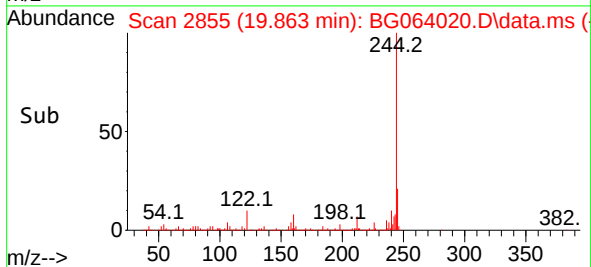
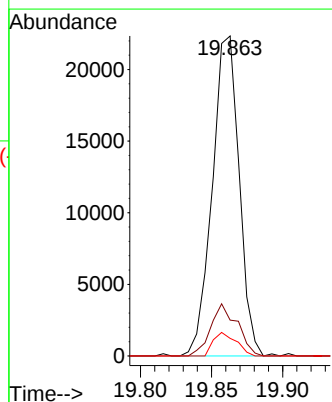
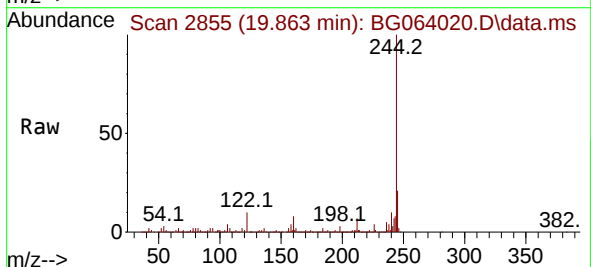
Instrument :
BNA_G
ClientSampleId :
PB166258BL

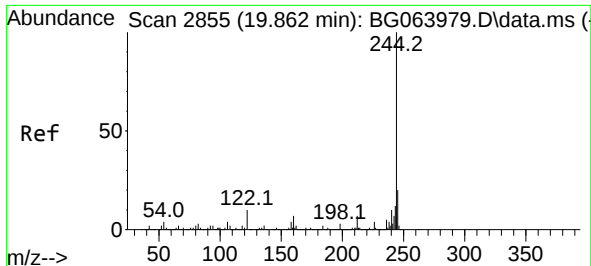
Tgt Ion:240 Resp: 450330
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 24.9 21.0 31.6



#77
Benzidine
Concen: 3.064 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.389 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:184 Resp: 29382
Ion Ratio Lower Upper
184 100
185 11.2 11.2 16.8#
183 5.5 8.7 13.1#

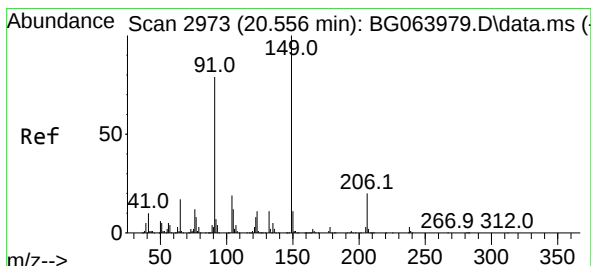
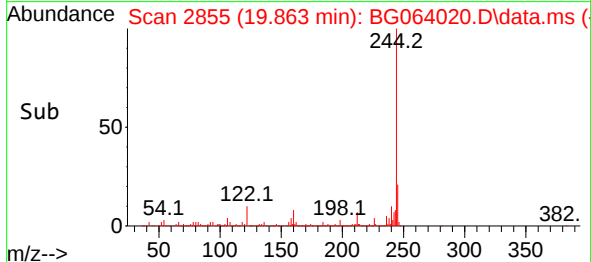
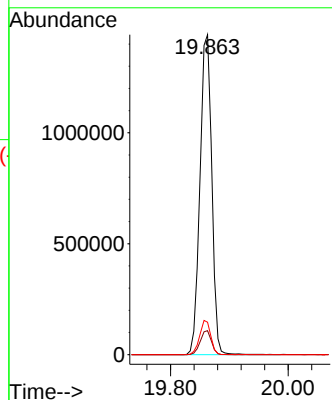
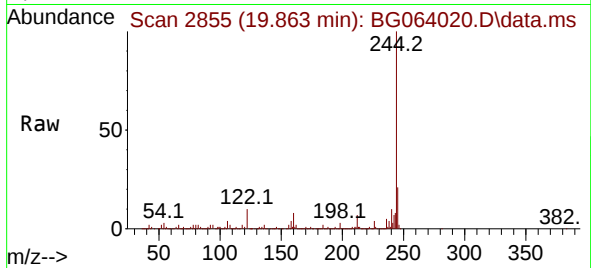




#79
 Terphenyl-d14
 Concen: 92.985 ng
 RT: 19.863 min Scan# 2855
 Delta R.T. 0.001 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

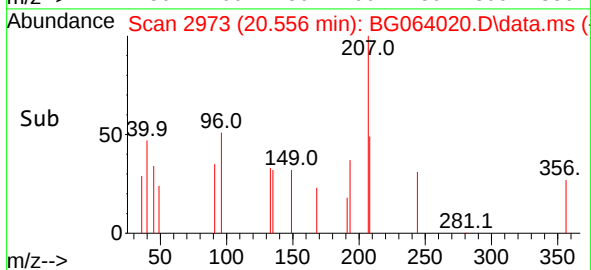
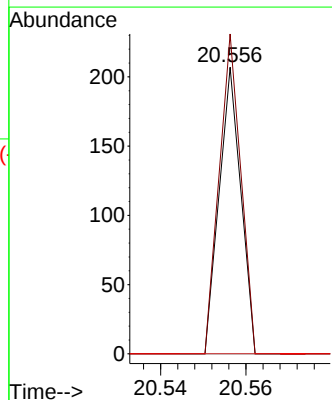
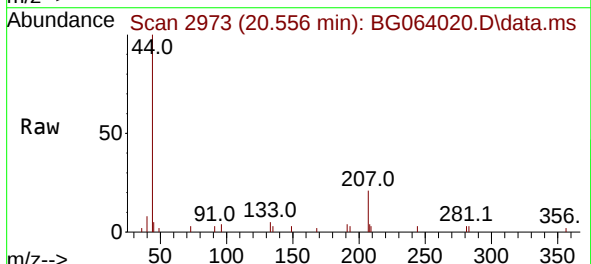
Instrument :
 BNA_G
 ClientSampleId :
 PB166258BL

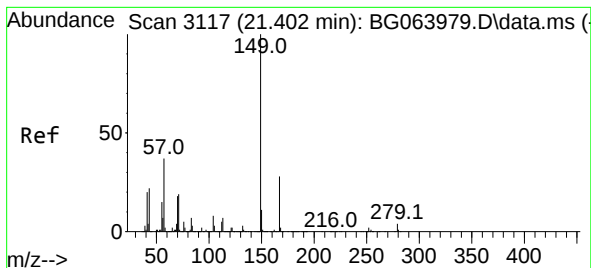
Tgt Ion:244 Resp: 2005012
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 5.563 ng
 RT: 20.556 min Scan# 2973
 Delta R.T. 0.000 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

Tgt Ion:149 Resp: 73
 Ion Ratio Lower Upper
 149 100
 91 111.6 63.0 94.6#
 206 0.0 15.8 23.6#

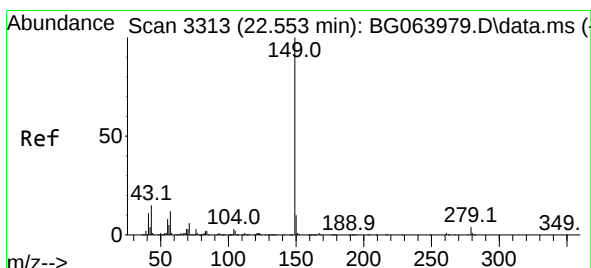
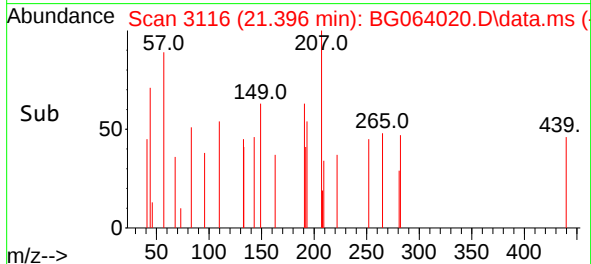
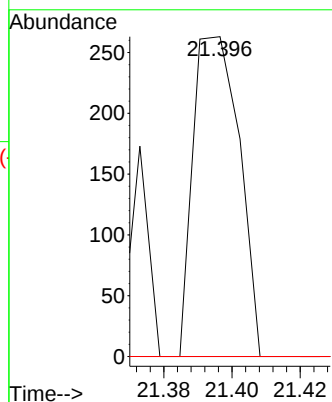
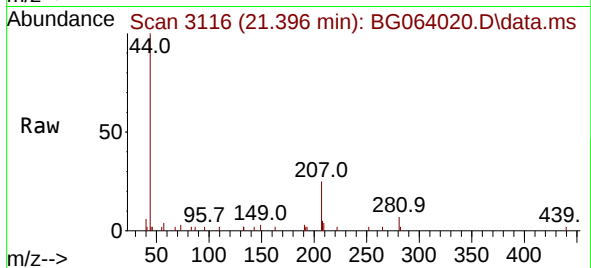




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.482 ng
 RT: 21.396 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

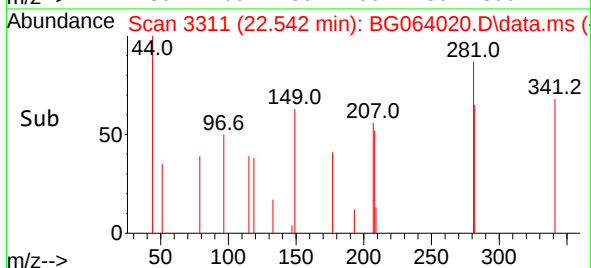
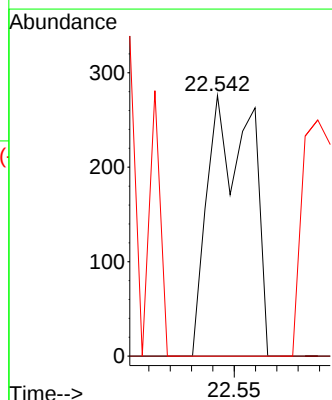
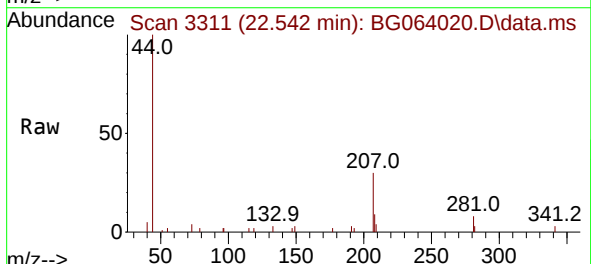
Instrument :
 BNA_G
 ClientSampleId :
 PB166258BL

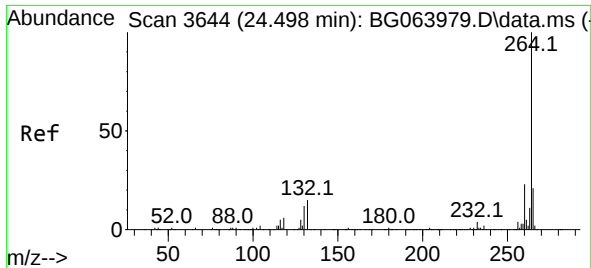
Tgt Ion:149 Resp: 248
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.5 33.7#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 6.955 ng
 RT: 22.542 min Scan# 3311
 Delta R.T. -0.011 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

Tgt Ion:149 Resp: 389
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 12.3 18.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.493 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG064020.D
 Acq: 6 Feb 2025 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB166258BL

Tgt Ion:264 Resp: 466509
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.2 16.6 24.8

