

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064021.D
 Acq On : 6 Feb 2025 17:14
 Operator : RC/JU
 Sample : PB166363BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166363BL

Quant Time: Feb 07 03:00:34 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)

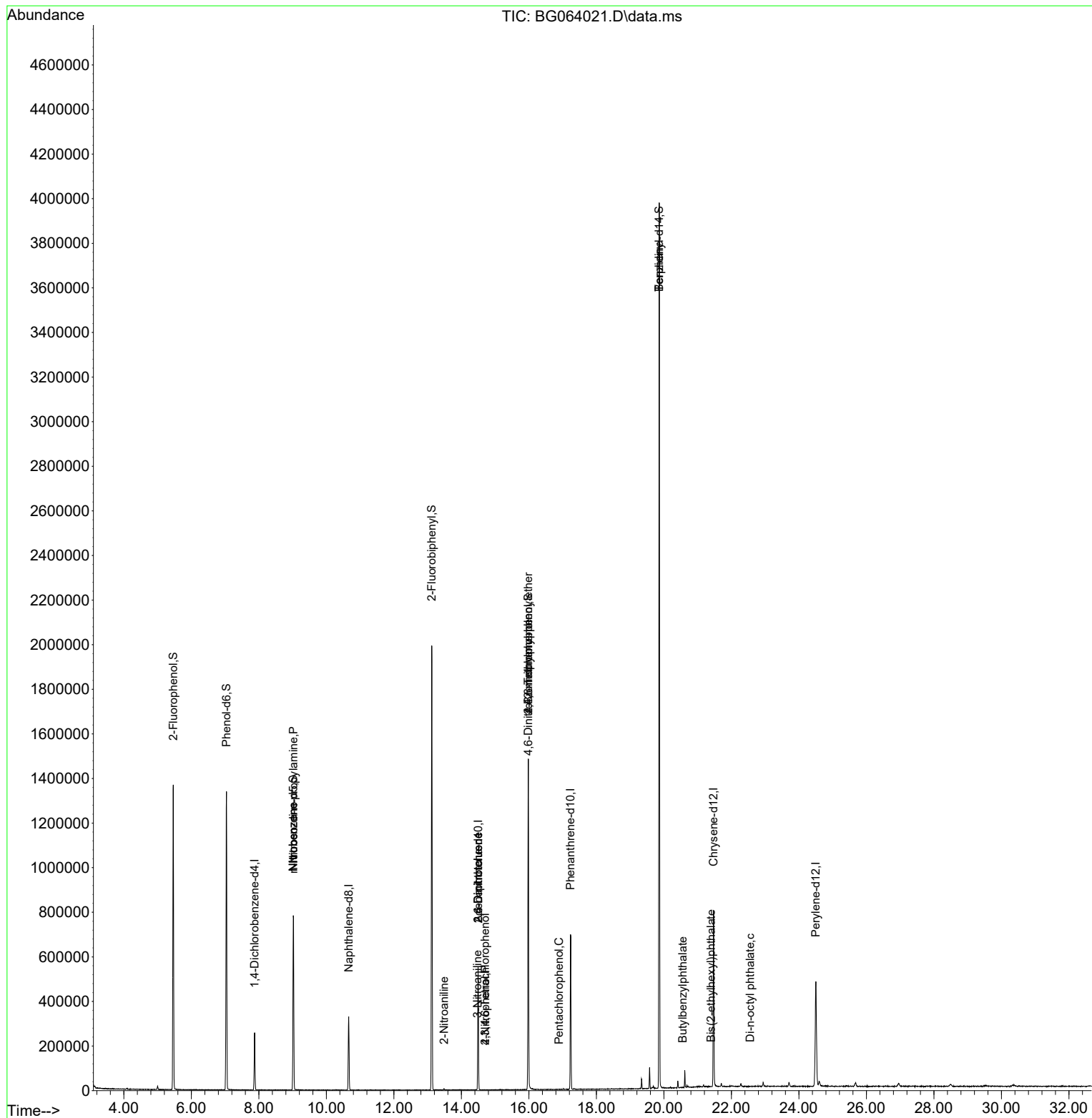
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	62081	20.000	ng	0.00
21) Naphthalene-d8	10.659	136	264327	20.000	ng	0.00
39) Acenaphthene-d10	14.495	164	179896	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	424234	20.000	ng	0.00
76) Chrysene-d12	21.469	240	451313	20.000	ng	0.00
86) Perylene-d12	24.501	264	460557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.465	112	543852	140.456	ng	0.00
7) Phenol-d6	7.039	99	701839	132.082	ng	0.00
23) Nitrobenzene-d5	9.019	82	441109	101.422	ng	0.00
42) 2,4,6-Tribromophenol	15.982	330	260428	125.853	ng	0.00
45) 2-Fluorobiphenyl	13.120	172	1001438	85.291	ng	0.00
79) Terphenyl-d14	19.860	244	1996743	92.400	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.025	70	54646	14.850	ng	# 85
24) Nitrobenzene	9.019	77	1451	4.091	ng	# 42
48) 2-Nitroaniline	13.485	65	124	4.282	ng	# 12
51) 2,6-Dinitrotoluene	14.495	165	24922	15.644	ng	# 16
53) 3-Nitroaniline	14.478	138	54	5.352	ng	# 1
56) 4-Nitrophenol	14.707	139	62	8.459	ng	# 1
57) 2,4-Dinitrotoluene	14.495	165	24922	13.612	ng	# 19
59) 2,3,4,6-Tetrachlorophenol	14.701	232	81	5.232	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.976	198	830	2.771	ng	# 1
67) 4-Bromophenyl-phenylether	15.982	248	17955	4.252	ng	# 1
70) Pentachlorophenol	16.892	266	55	8.705	ng	# 39
77) Benzidine	19.860	184	29842	3.105	ng	# 95
80) Butylbenzylphthalate	20.559	149	66	5.562	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.399	149	300	4.485	ng	# 52
85) Di-n-octyl phthalate	22.556	149	295	6.951	ng	# 1

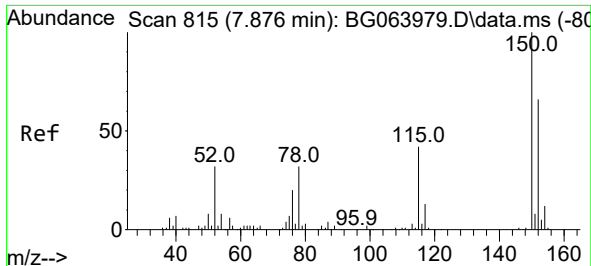
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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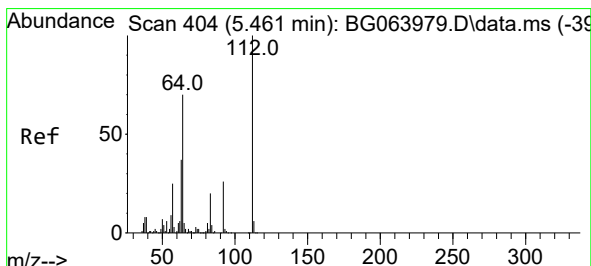
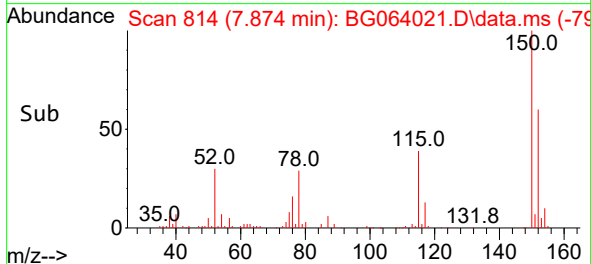
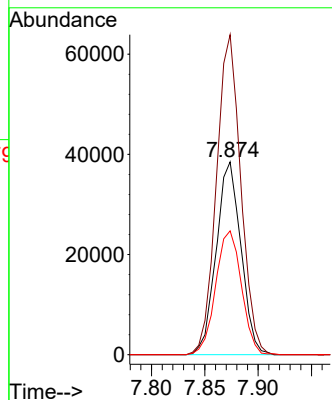
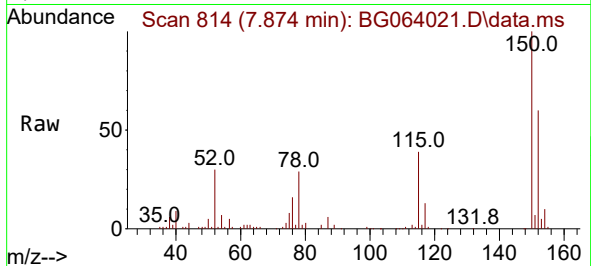




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.874 min Scan# 815
Delta R.T. -0.002 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

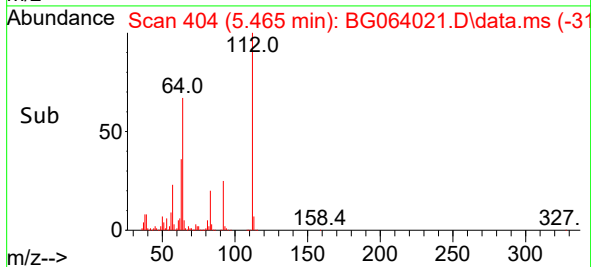
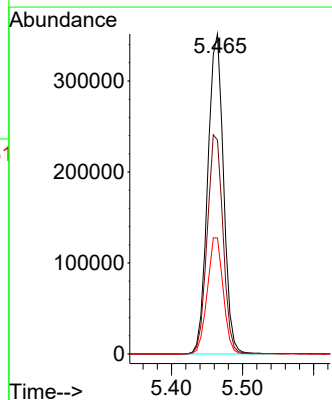
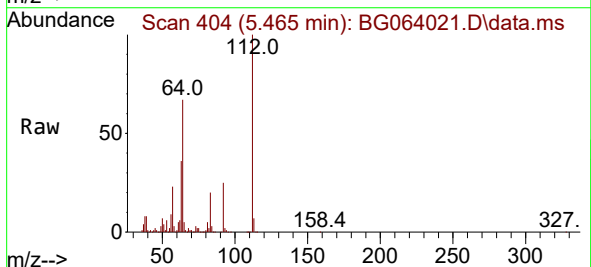
Instrument :
BNA_G
ClientSampleId :
PB166363BL

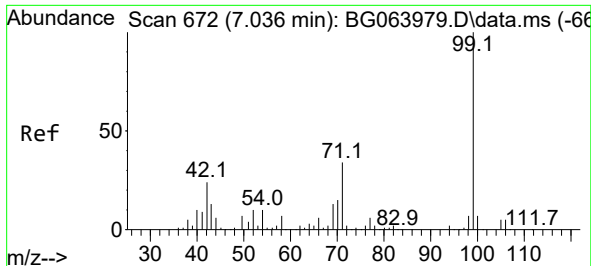
Tgt Ion:152 Resp: 62081
Ion Ratio Lower Upper
152 100
150 166.0 121.0 181.6
115 64.2 50.4 75.6



#5
2-Fluorophenol
Concen: 140.456 ng
RT: 5.465 min Scan# 404
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:112 Resp: 543852
Ion Ratio Lower Upper
112 100
64 66.9 55.8 83.8
63 36.3 29.3 43.9

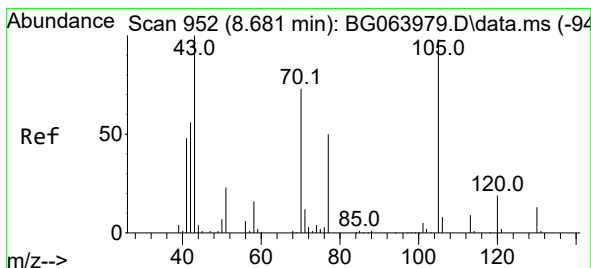
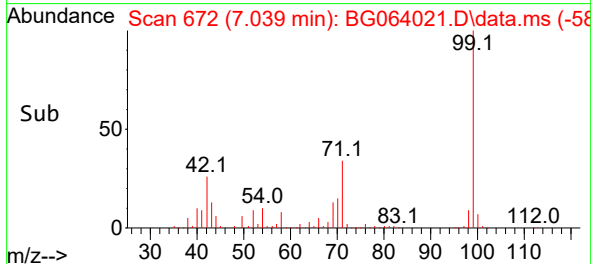
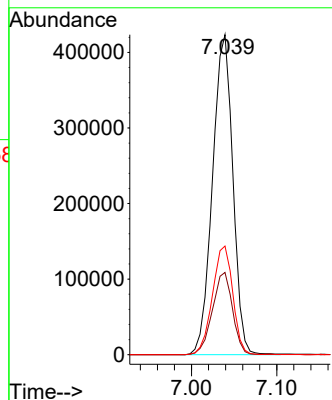
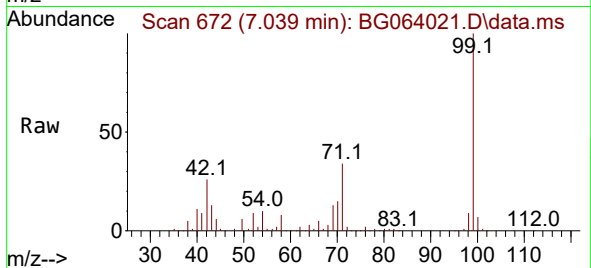




#7
Phenol-d6
Concen: 132.082 ng
RT: 7.039 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

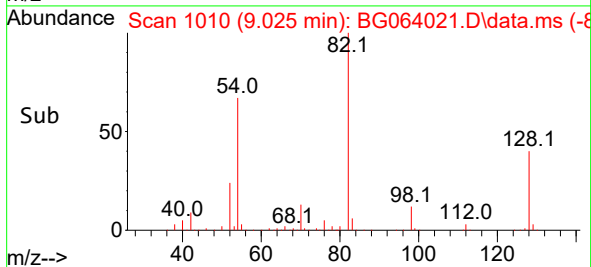
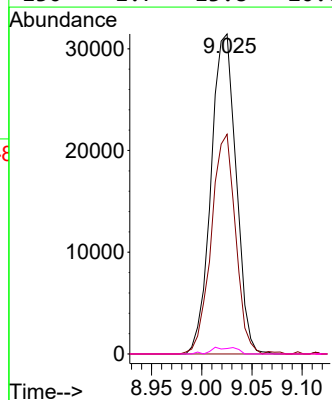
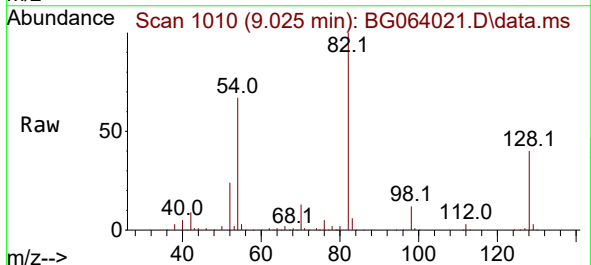
Instrument :
BNA_G
ClientSampleId :
PB166363BL

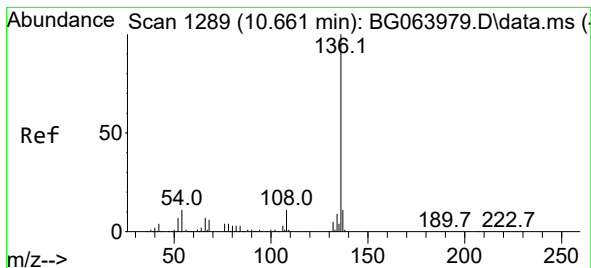
Tgt Ion: 99 Resp: 701839
Ion Ratio Lower Upper
99 100
42 25.7 18.9 28.3
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.850 ng
RT: 9.025 min Scan# 1010
Delta R.T. 0.344 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion: 70 Resp: 54646
Ion Ratio Lower Upper
70 100
42 68.6 62.2 93.4
101 0.0 5.6 8.4#
130 1.7 13.8 20.6#

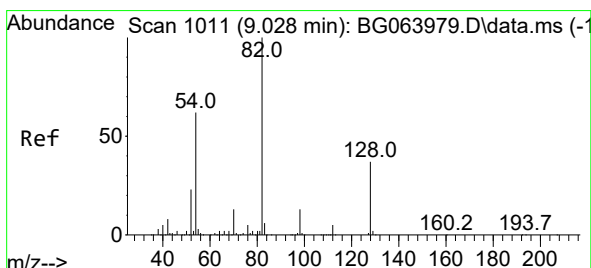
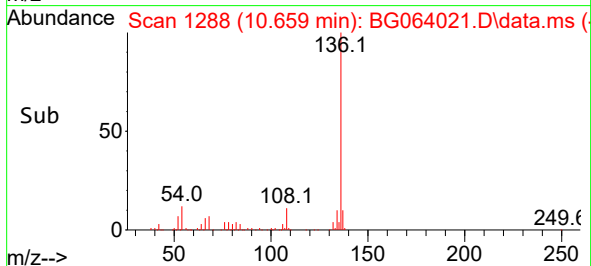
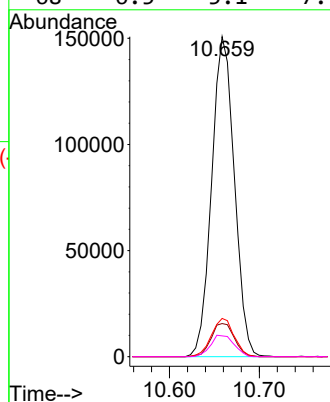
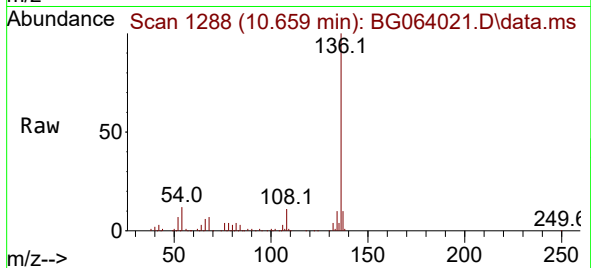




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.659 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

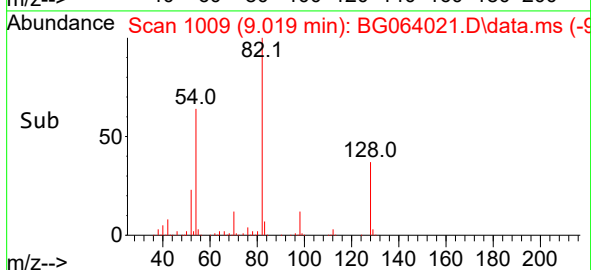
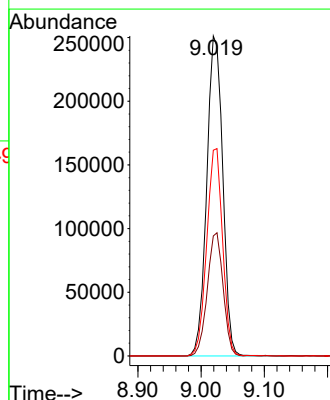
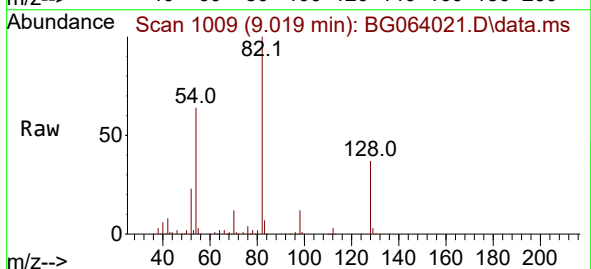
Instrument :
BNA_G
ClientSampleId :
PB166363BL

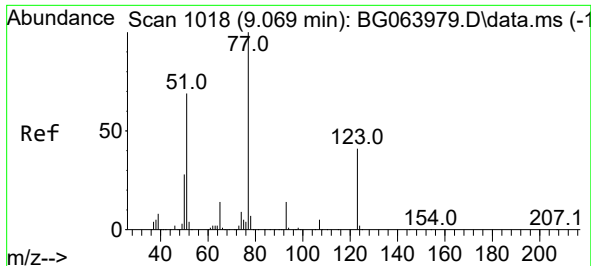
Tgt Ion:	136	Resp:	264327
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	12.0	9.2	13.8
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 101.422 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:	82	Resp:	441109
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	64.3	49.9	74.9

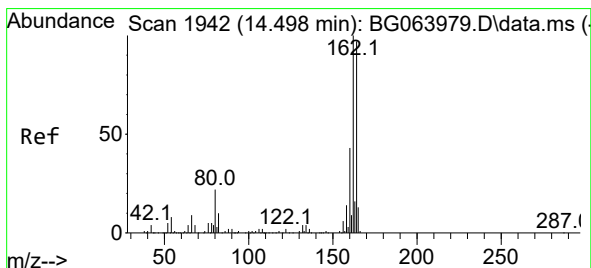
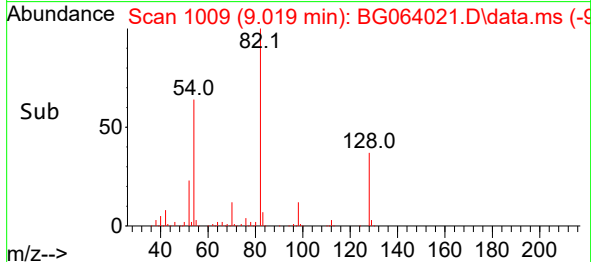
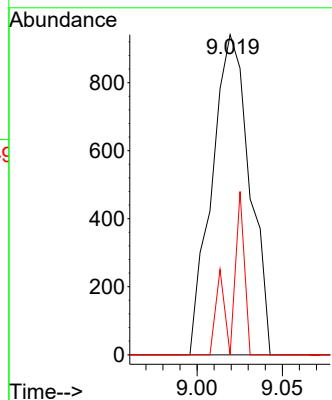
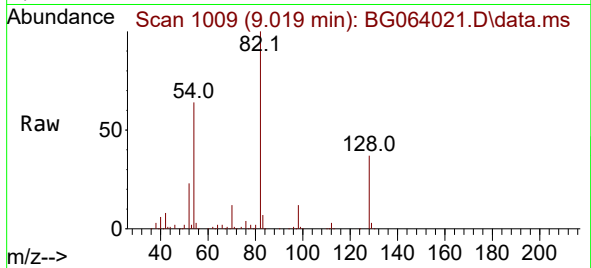




#24
Nitrobenzene
Concen: 4.091 ng
RT: 9.019 min Scan# 1018
Delta R.T. -0.050 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

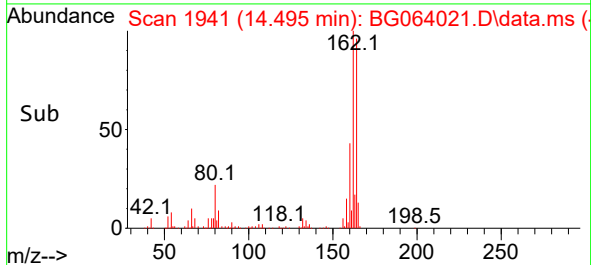
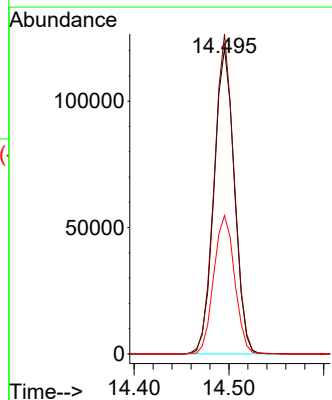
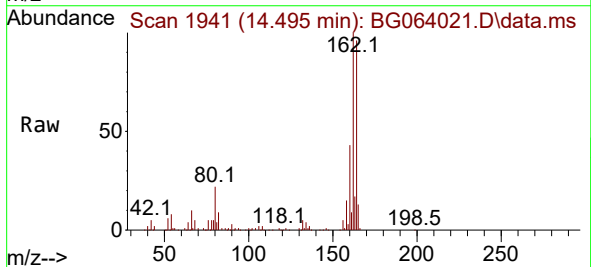
Instrument :
BNA_G
ClientSampleId :
PB166363BL

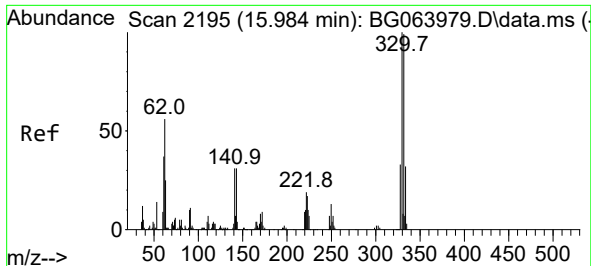
Tgt Ion: 77 Resp: 1451
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 0.0 11.0 16.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.495 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:164 Resp: 179896
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 45.3 35.4 53.0

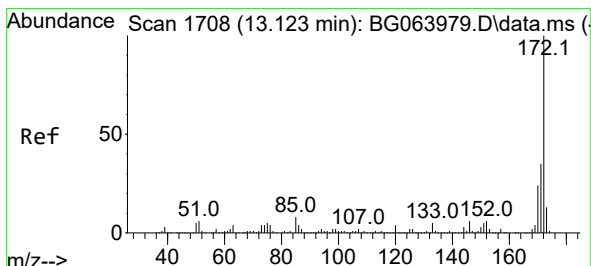
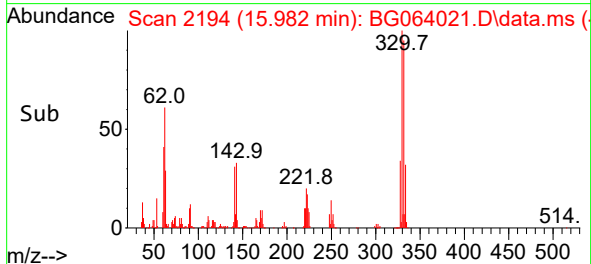
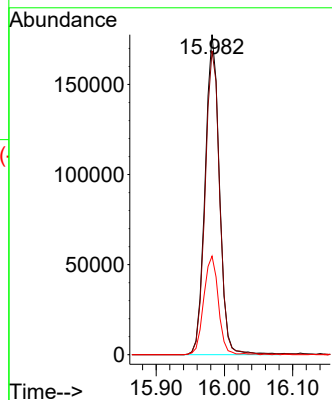
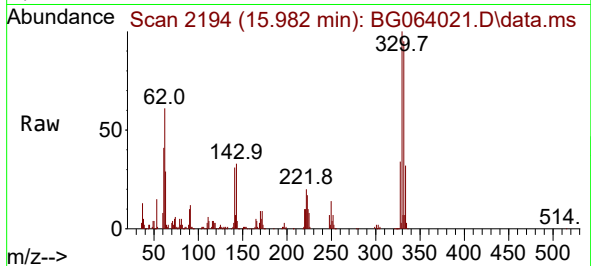




#42
2,4,6-Tribromophenol
Concen: 125.853 ng
RT: 15.982 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

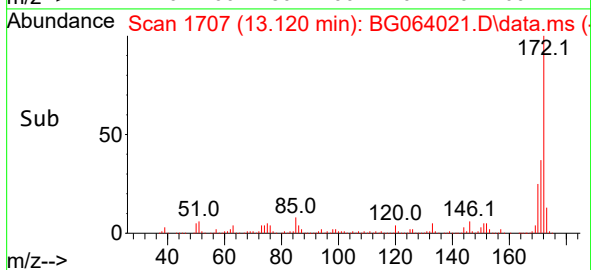
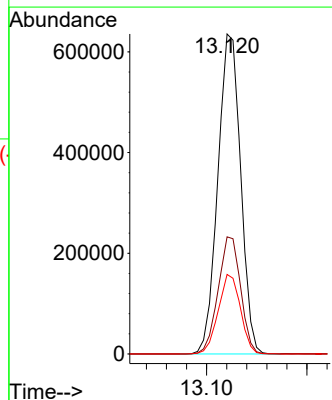
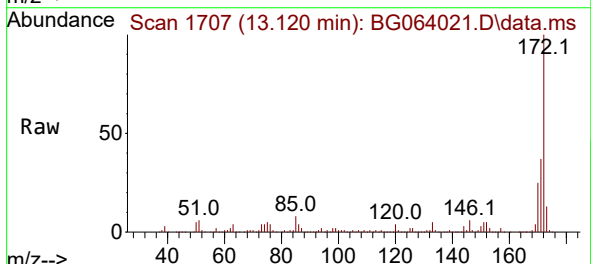
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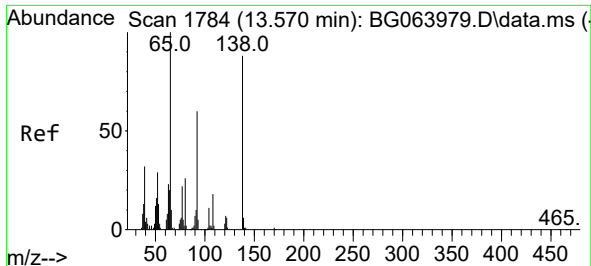
Tgt Ion:330 Resp: 260428
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.6
141 31.5 27.2 40.8



#45
2-Fluorobiphenyl
Concen: 85.291 ng
RT: 13.120 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:172 Resp: 1001438
Ion Ratio Lower Upper
172 100
171 36.6 27.8 41.6
170 24.8 19.4 29.2

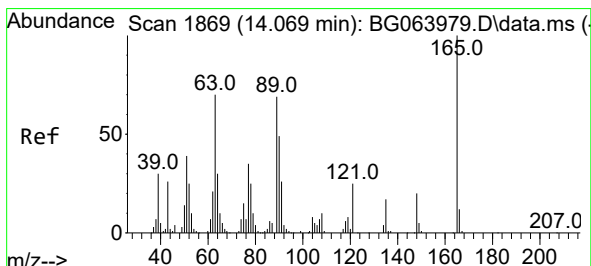
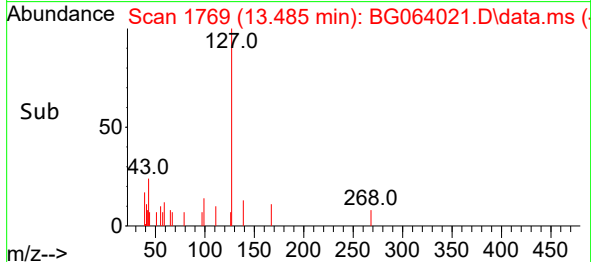
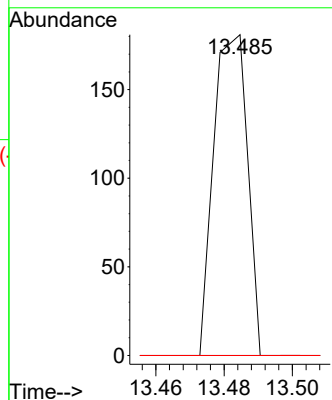
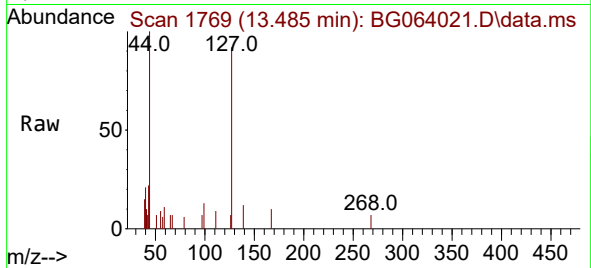




#48
2-Nitroaniline
Concen: 4.282 ng
RT: 13.485 min Scan# 11
Delta R.T. -0.085 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

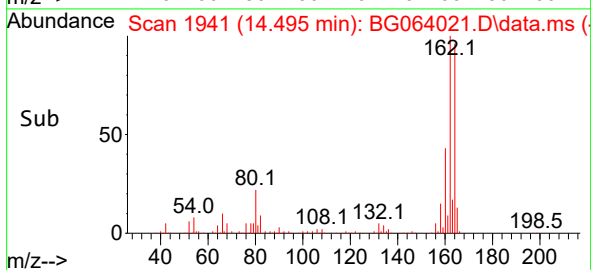
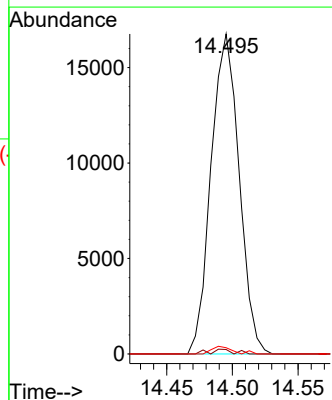
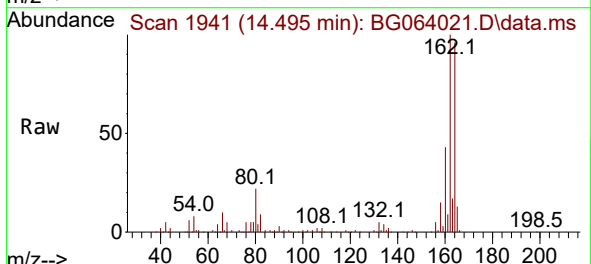
Instrument :
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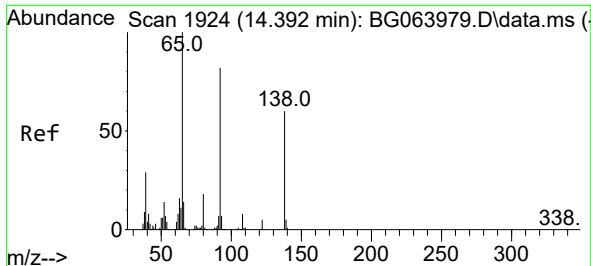
Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 0.0 47.6 71.4#
138 0.0 70.6 106.0#



#51
2,6-Dinitrotoluene
Concen: 15.644 ng
RT: 14.495 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:165 Resp: 24922
Ion Ratio Lower Upper
165 100
63 1.4 57.7 86.5#
89 1.9 55.6 83.4#

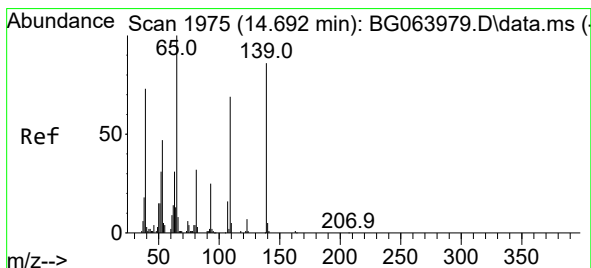
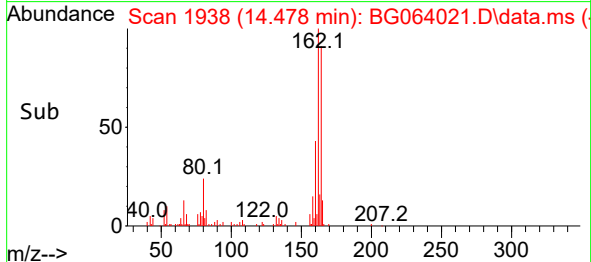
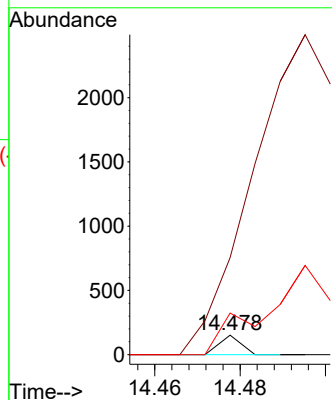
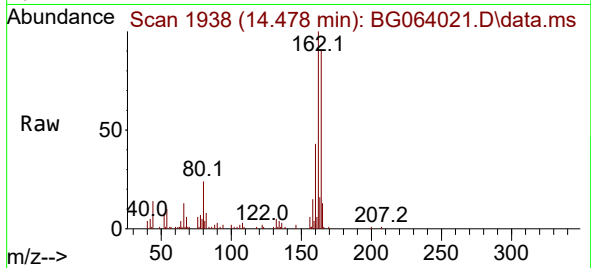




#53
3-Nitroaniline
Concen: 5.352 ng
RT: 14.478 min Scan# 1924
Delta R.T. 0.086 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

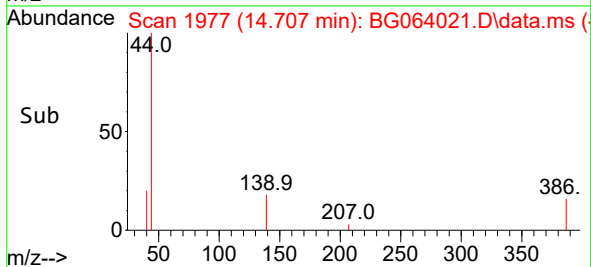
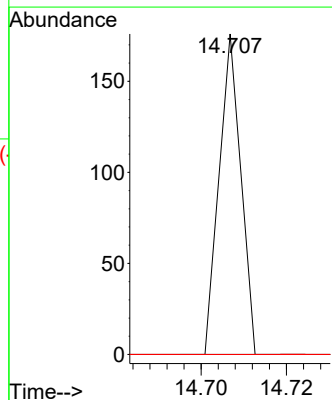
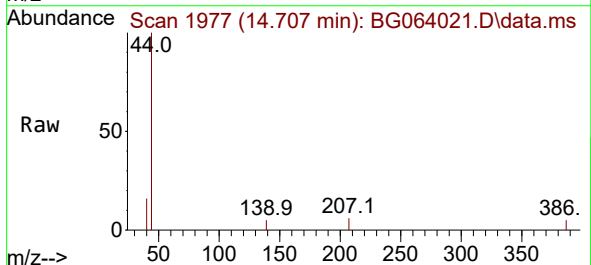
Instrument :
BNA_G
ClientSampleId :
PB166363BL

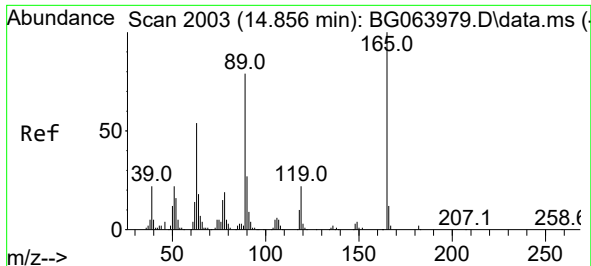
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 496.7 10.3 15.5#
92 213.2 109.0 163.4#



#56
4-Nitrophenol
Concen: 8.459 ng
RT: 14.707 min Scan# 1977
Delta R.T. 0.015 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:139 Resp: 62
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: 13.612 ng

RT: 14.495 min Scan# 1941

Delta R.T. -0.361 min

Lab File: BG064021.D

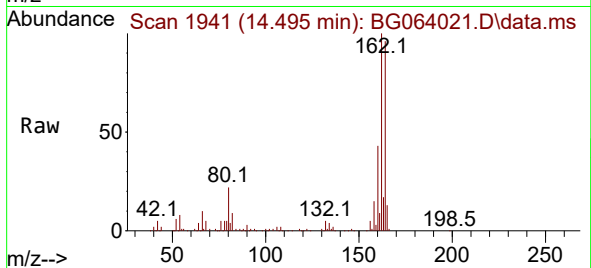
Acq: 6 Feb 2025 17:14

Instrument :

BNA_G

ClientSampleId :

PB166363BL



Tgt Ion:165 Resp: 24922

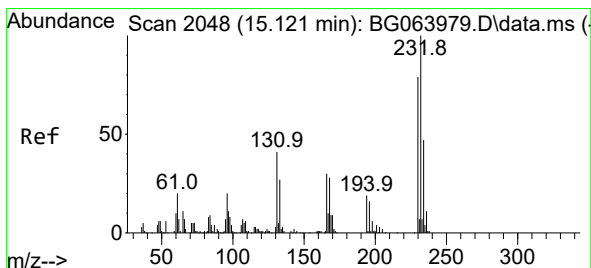
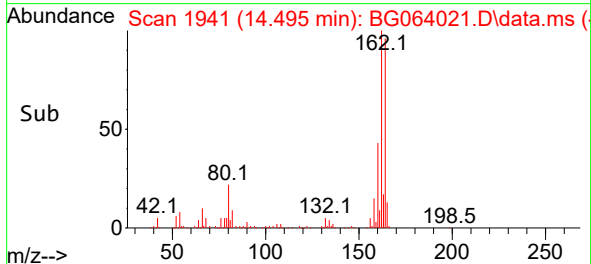
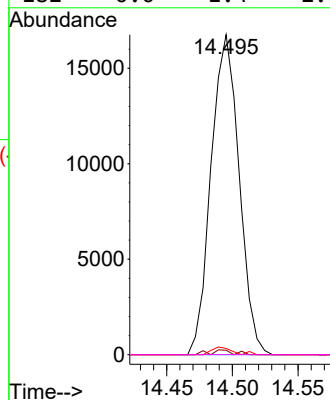
Ion Ratio Lower Upper

165 100

63 1.4 43.6 65.4#

89 1.9 63.1 94.7#

182 0.0 1.4 2.0#



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.232 ng

RT: 14.701 min Scan# 1976

Delta R.T. -0.420 min

Lab File: BG064021.D

Acq: 6 Feb 2025 17:14

Tgt Ion:232 Resp: 81

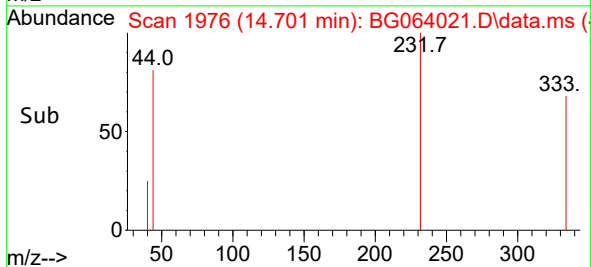
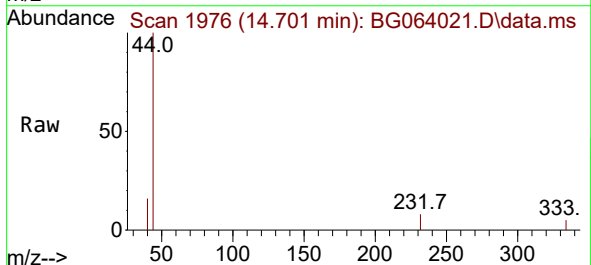
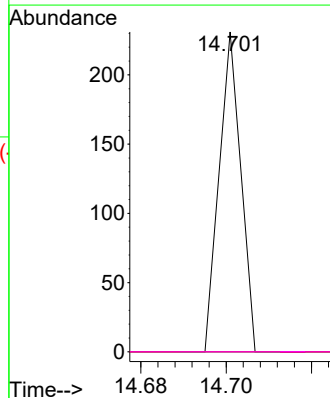
Ion Ratio Lower Upper

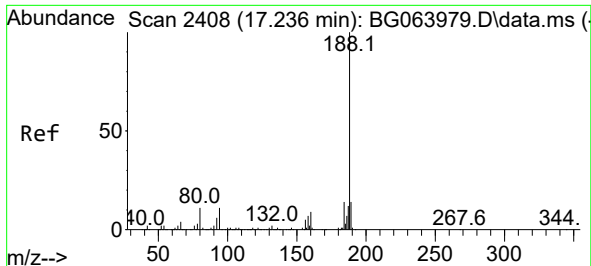
232 100

131 0.0 34.0 51.0#

130 0.0 2.2 3.4#

166 0.0 24.1 36.1#

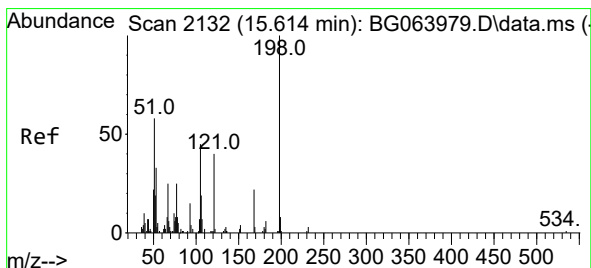
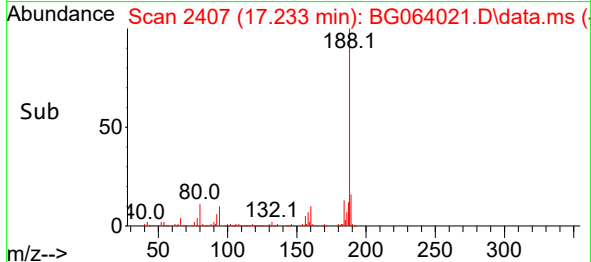
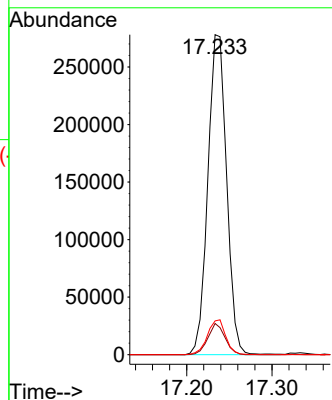
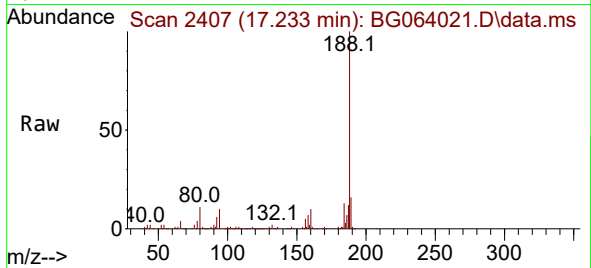




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

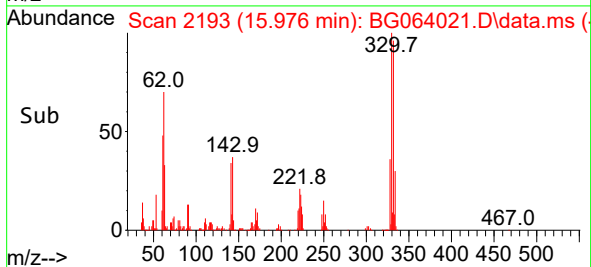
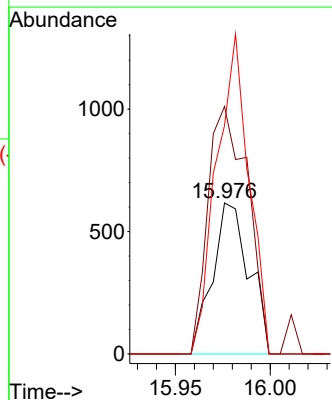
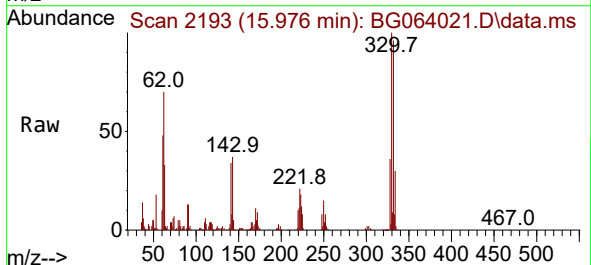
Instrument :
BNA_G
ClientSampleId :
PB166363BL

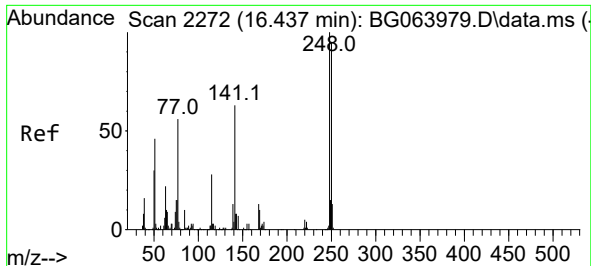
Tgt Ion:188 Resp: 424234
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.6 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 2.771 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.362 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:198 Resp: 830
Ion Ratio Lower Upper
198 100
51 163.9 45.4 85.4#
105 151.2 27.7 67.7#

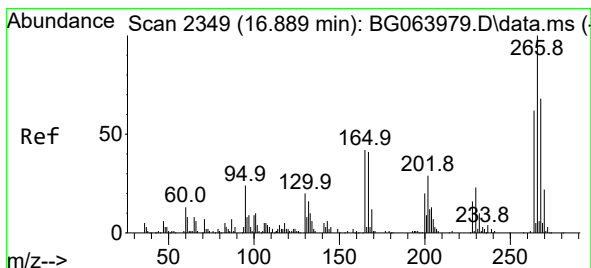
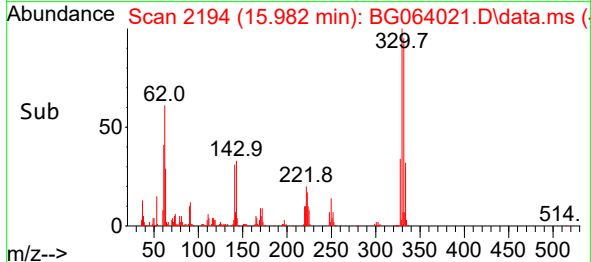
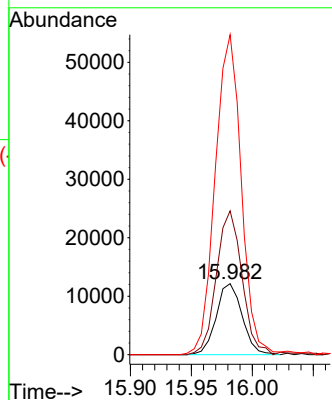
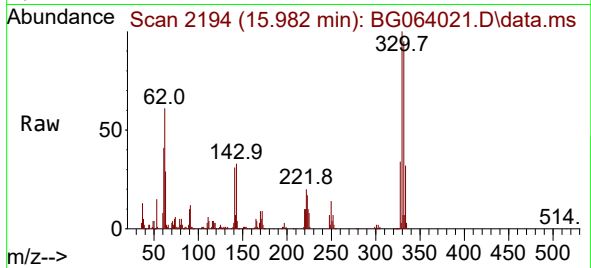




#67
4-Bromophenyl-phenylether
Concen: 4.252 ng
RT: 15.982 min Scan# 2194
Delta R.T. -0.455 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

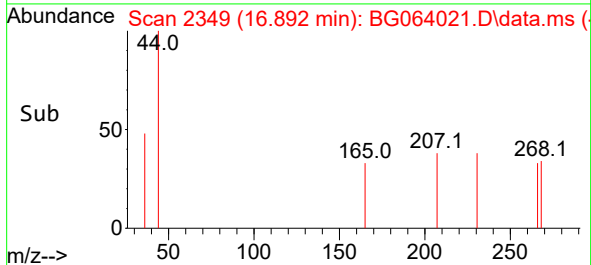
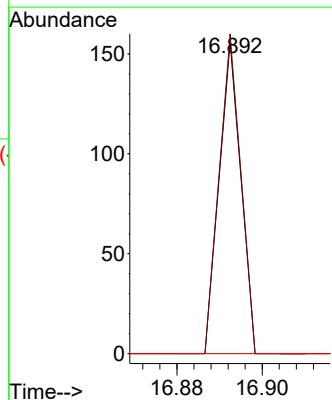
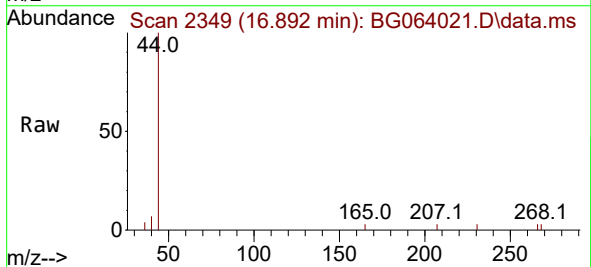
Instrument :
BNA_G
ClientSampleId :
PB166363BL

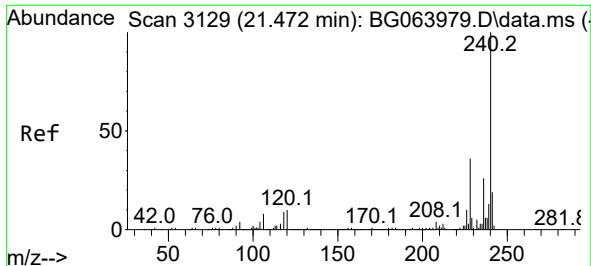
Tgt Ion:248 Resp: 17955
Ion Ratio Lower Upper
248 100
250 202.7 76.2 114.4#
141 450.7 50.6 75.8#



#70
Pentachlorophenol
Concen: 8.705 ng
RT: 16.892 min Scan# 2349
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

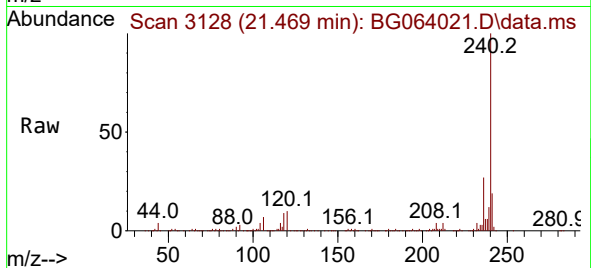
Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 102.6 54.8 82.2#
264 0.0 50.0 75.0#



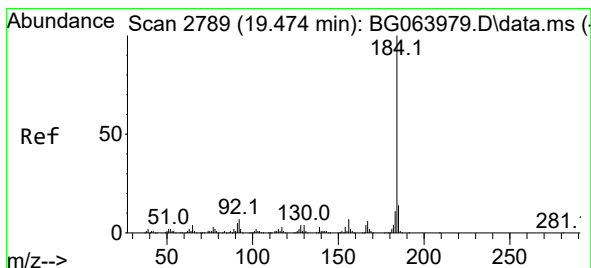
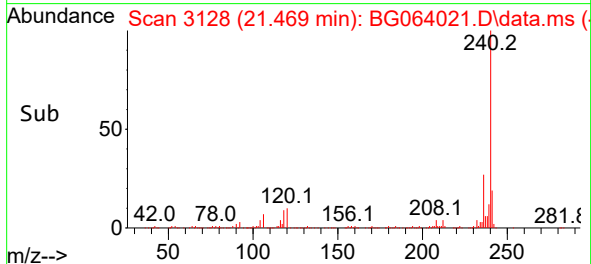
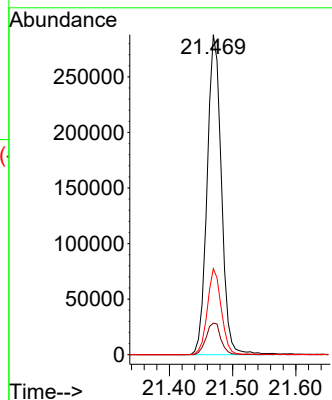


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.469 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Instrument :
BNA_G
ClientSampleId :
PB166363BL

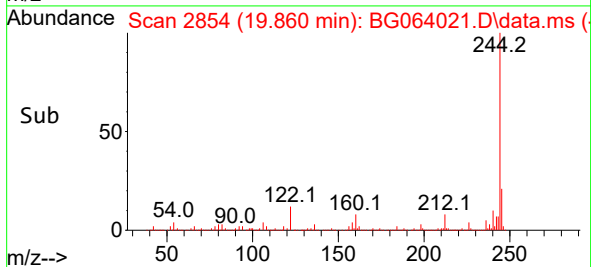
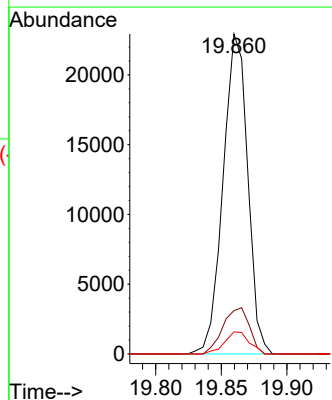
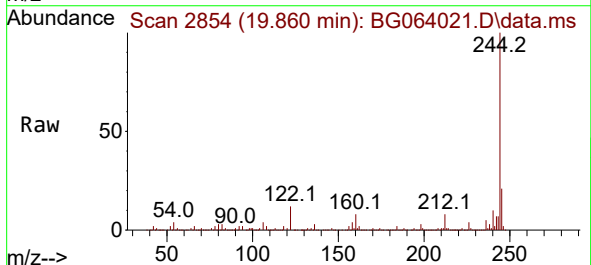


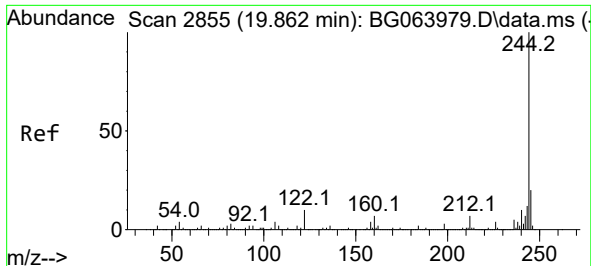
Tgt Ion:240 Resp: 451313
Ion Ratio Lower Upper
240 100
120 9.9 7.9 11.9
236 26.8 21.0 31.6



#77
Benzidine
Concen: 3.105 ng
RT: 19.860 min Scan# 2854
Delta R.T. 0.385 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

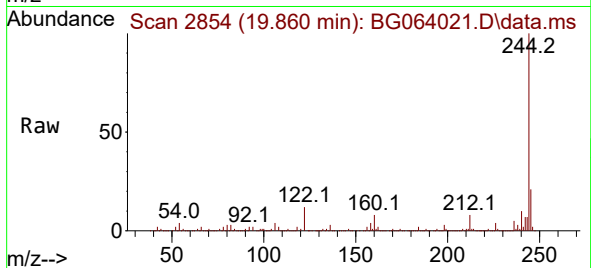
Tgt Ion:184 Resp: 29842
Ion Ratio Lower Upper
184 100
185 13.5 11.2 16.8
183 6.9 8.7 13.1#



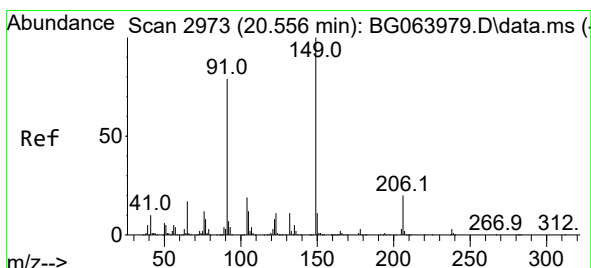
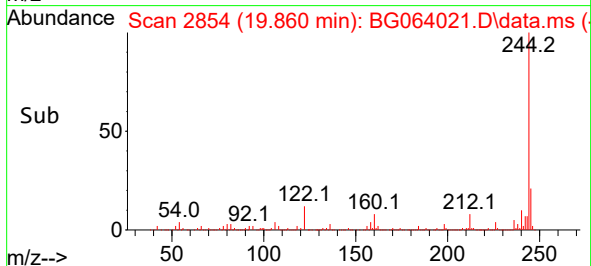
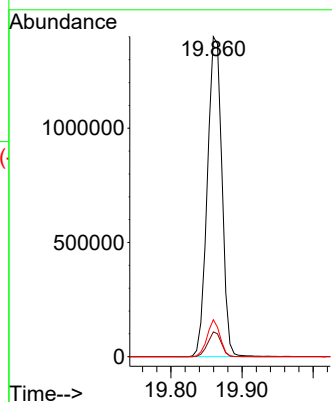


#79
 Terphenyl-d14
 Concen: 92.400 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064021.D
 Acq: 6 Feb 2025 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB166363BL

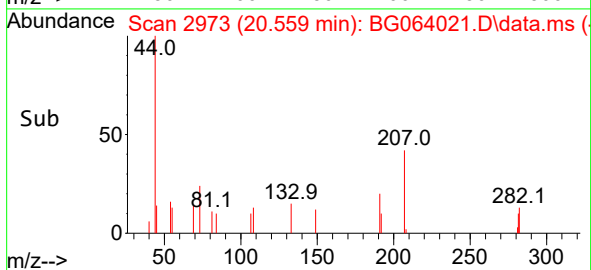
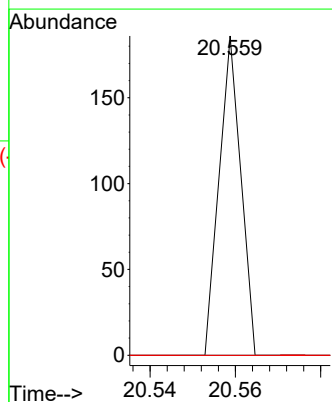
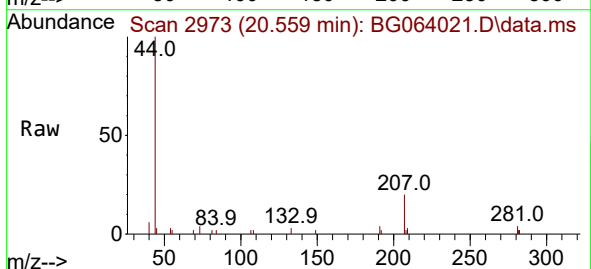


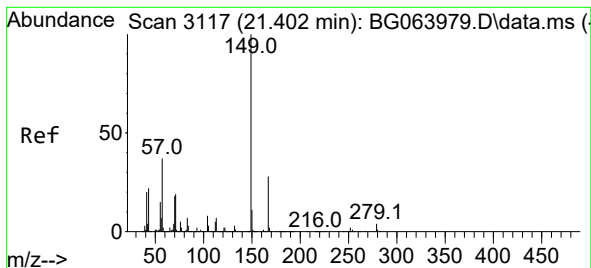
Tgt Ion:244 Resp: 1996743
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 11.5 7.7 11.5#



#80
 Butylbenzylphthalate
 Concen: 5.562 ng
 RT: 20.559 min Scan# 2973
 Delta R.T. 0.003 min
 Lab File: BG064021.D
 Acq: 6 Feb 2025 17:14

Tgt Ion:149 Resp: 66
 Ion Ratio Lower Upper
 149 100
 91 0.0 63.0 94.6#
 206 0.0 15.8 23.6#

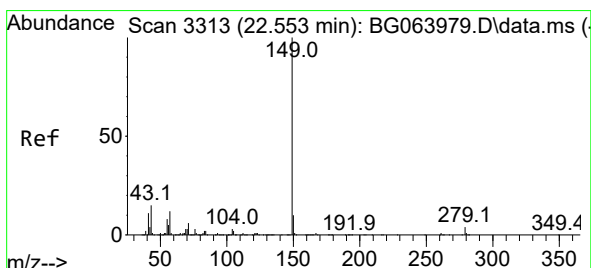
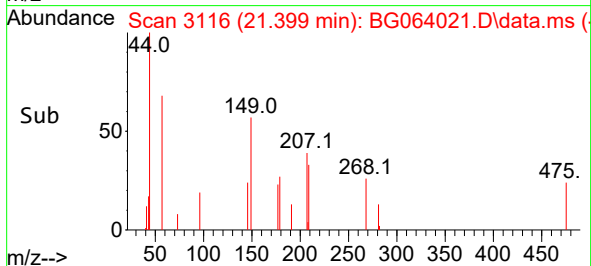
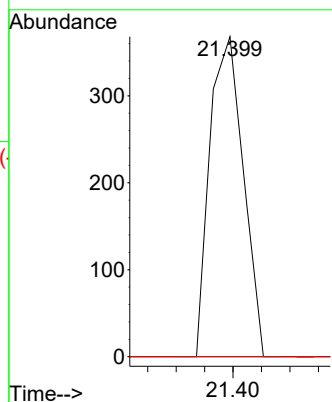
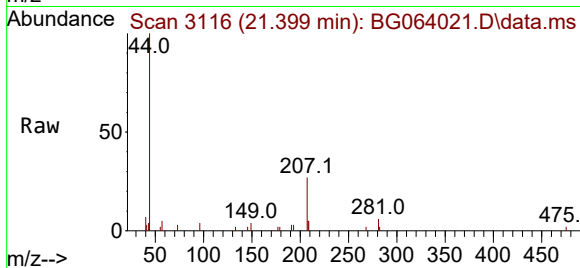




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.485 ng
 RT: 21.399 min Scan# 3116
 Delta R.T. -0.003 min
 Lab File: BG064021.D
 Acq: 6 Feb 2025 17:14

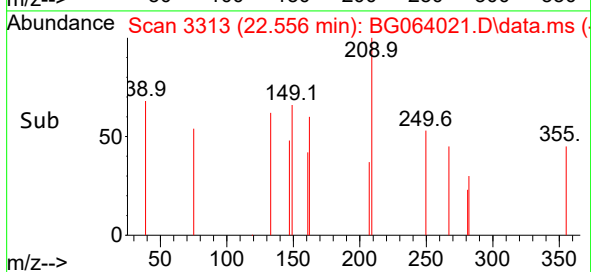
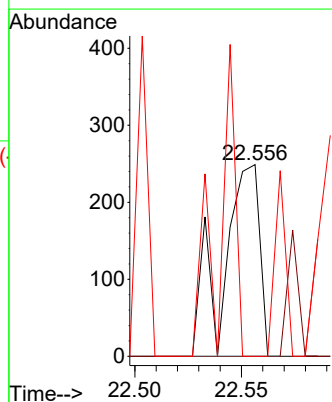
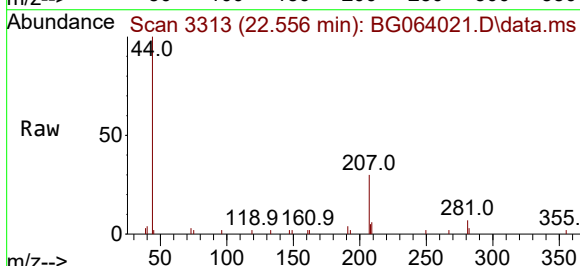
Instrument :
 BNA_G
 ClientSampleId :
 PB166363BL

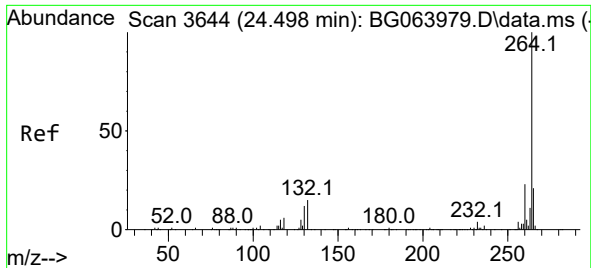
Tgt Ion:149 Resp: 300
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.5 33.7#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 6.951 ng
 RT: 22.556 min Scan# 3313
 Delta R.T. 0.003 min
 Lab File: BG064021.D
 Acq: 6 Feb 2025 17:14

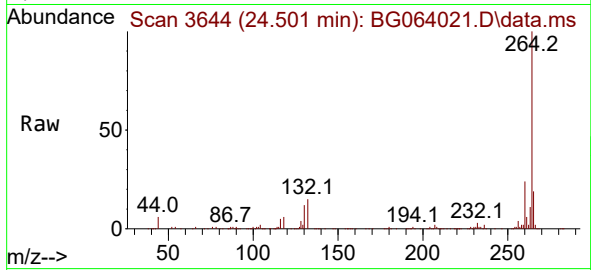
Tgt Ion:149 Resp: 295
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 76.6 12.3 18.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Instrument :
BNA_G
ClientSampleId :
PB166363BL



Tgt Ion:264 Resp: 460557
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 19.5 16.6 24.8

