

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
 Data File : BG063984.D
 Acq On : 3 Feb 2025 17:36
 Operator : RC/JU
 Sample : PB166335BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166335BL

Quant Time: Feb 04 03:35:06 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)

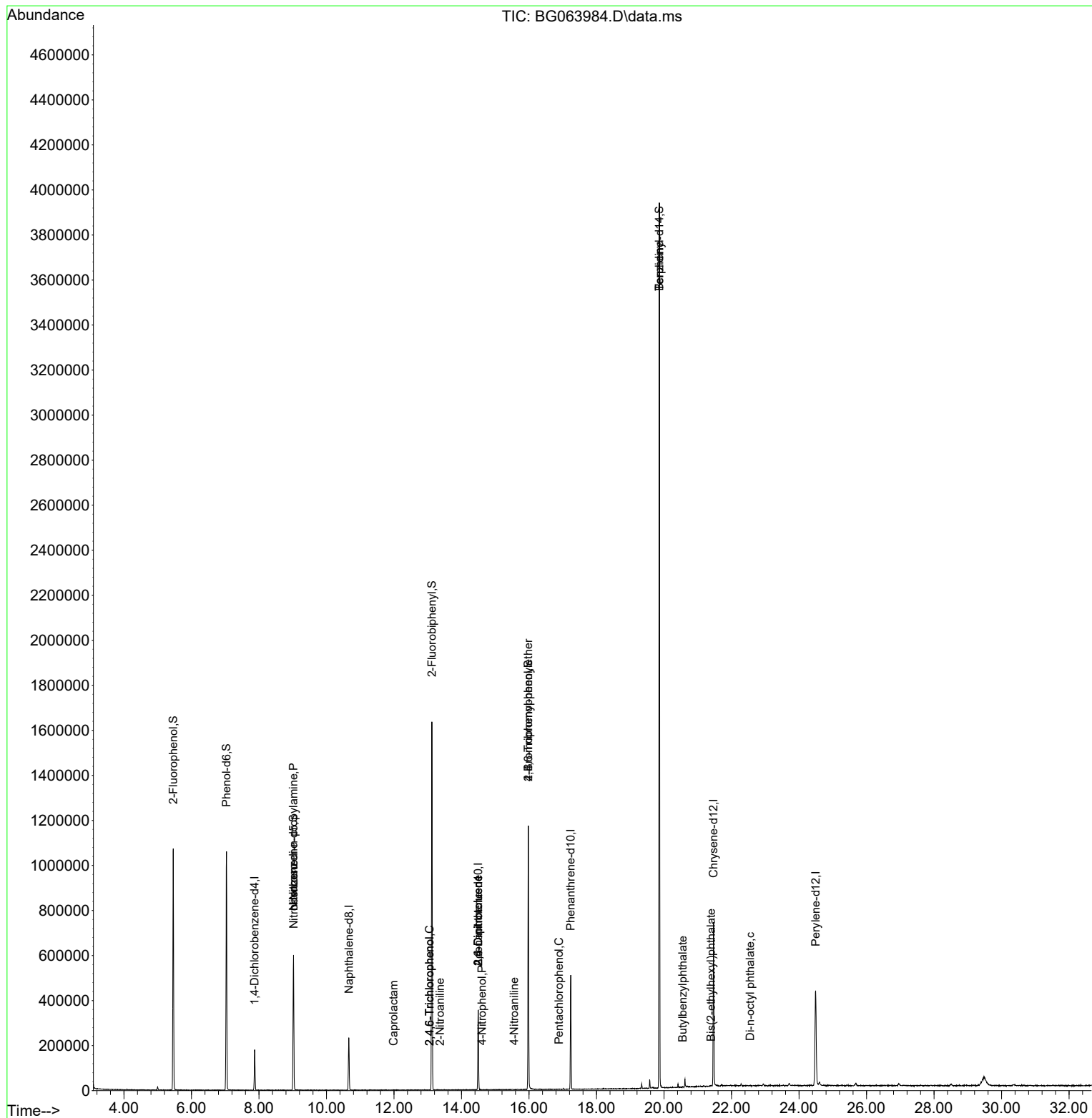
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	43674	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	185229	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	121126	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	298133	20.000	ng	# 0.00
76) Chrysene-d12	21.467	240	410331	20.000	ng	0.00
86) Perylene-d12	24.493	264	424137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	423347	155.415	ng	0.00
7) Phenol-d6	7.037	99	555405	148.577	ng	0.00
23) Nitrobenzene-d5	9.022	82	321283	105.416	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	198916	140.710	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	799240	101.097	ng	0.00
79) Terphenyl-d14	19.863	244	1932381	98.352	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.022	70	42277	16.331	ng	# 82
24) Nitrobenzene	9.028	77	1039	4.097	ng	# 37
26) 2-Nitrophenol	10.262	139	67	Below Cal		# 26
35) Caprolactam	11.990	113	54	5.368	ng	# 1
43) 2,4,6-Trichlorophenol	13.053	196	57	4.922	ng	# 11
44) 2,4,5-Trichlorophenol	13.053	196	57	3.961	ng	# 14
48) 2-Nitroaniline	13.364	65	61	4.267	ng	# 12
51) 2,6-Dinitrotoluene	14.498	165	16577	15.513	ng	# 14
56) 4-Nitrophenol	14.610	139	53	8.465	ng	# 1
57) 2,4-Dinitrotoluene	14.498	165	16577	13.509	ng	# 17
62) 4-Nitroaniline	15.562	138	53	3.960	ng	# 11
67) 4-Bromophenyl-phenylether	15.979	248	13492	4.547	ng	# 1
70) Pentachlorophenol	16.890	266	61	8.714	ng	# 17
77) Benzidine	19.863	184	28407	3.251	ng	# 92
80) Butylbenzylphthalate	20.556	149	1016	5.658	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.396	149	1445	4.560	ng	# 93
85) Di-n-octyl phthalate	22.554	149	1219	6.987	ng	# 51

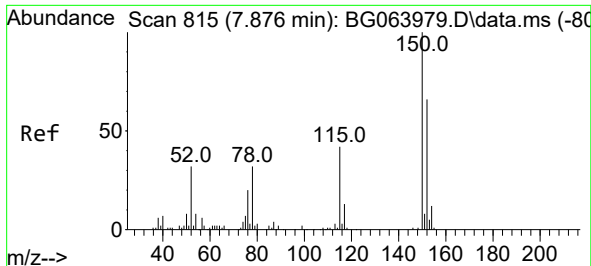
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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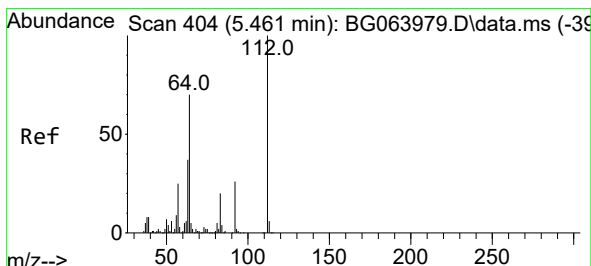
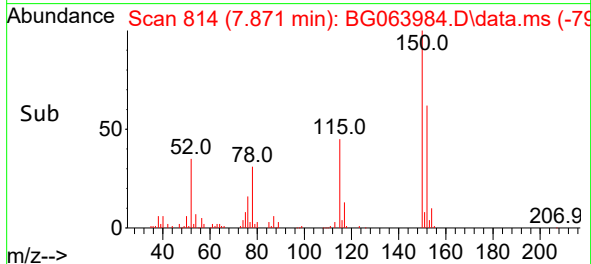
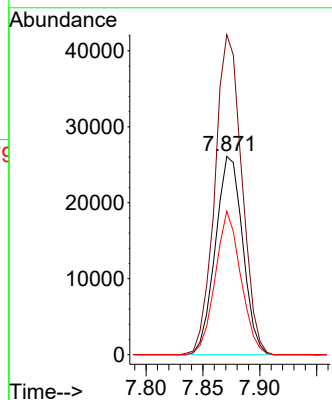
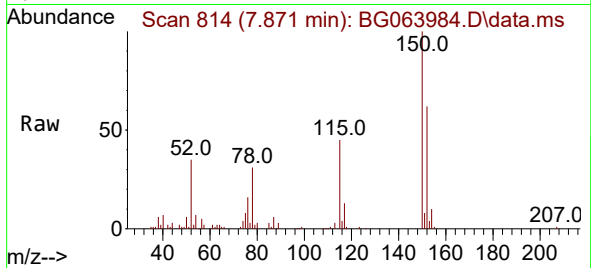




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

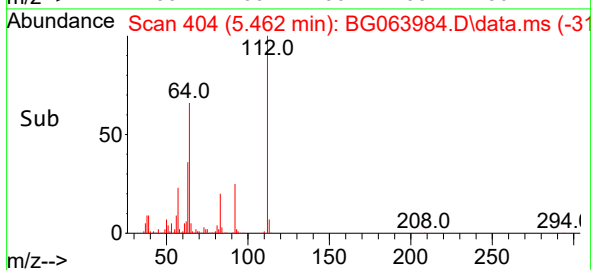
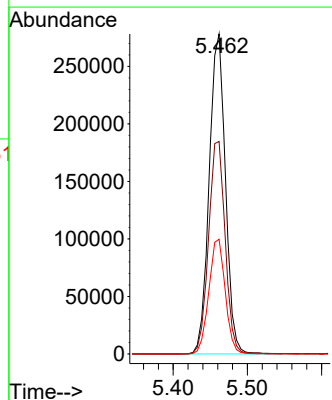
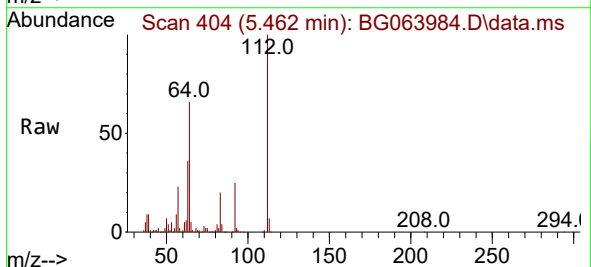
Instrument :
BNA_G
ClientSampleId :
PB166335BL

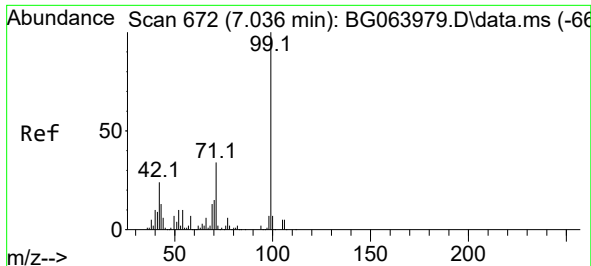
Tgt Ion:152 Resp: 43674
Ion Ratio Lower Upper
152 100
150 161.4 121.0 181.6
115 72.4 50.4 75.6



#5
2-Fluorophenol
Concen: 155.415 ng
RT: 5.462 min Scan# 404
Delta R.T. 0.000 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion:112 Resp: 423347
Ion Ratio Lower Upper
112 100
64 66.4 55.8 83.8
63 35.9 29.3 43.9

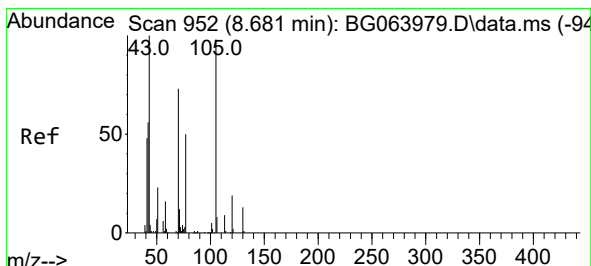
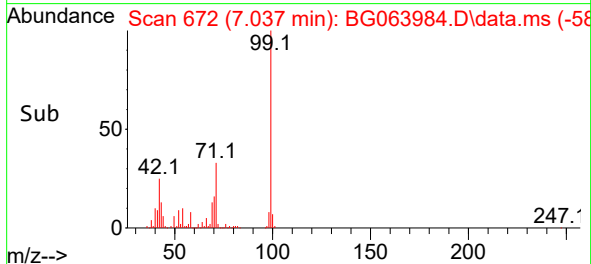
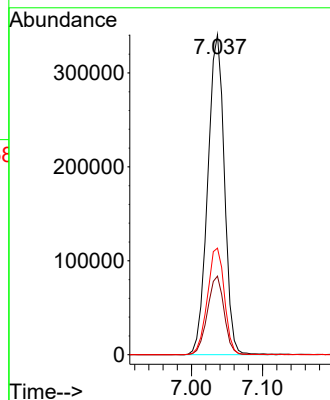
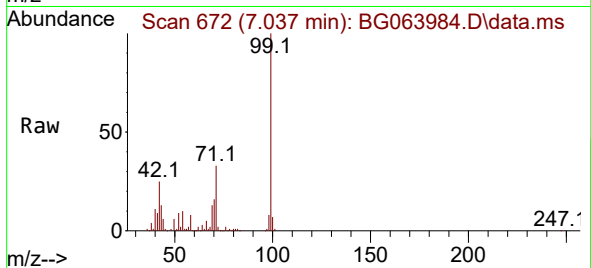




#7
Phenol-d6
Concen: 148.577 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

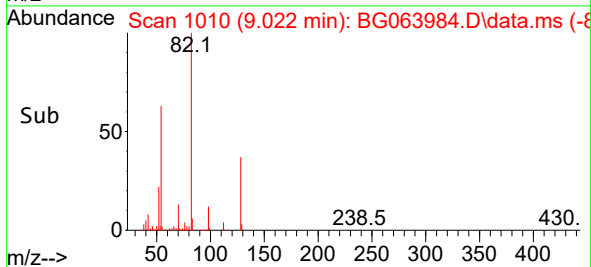
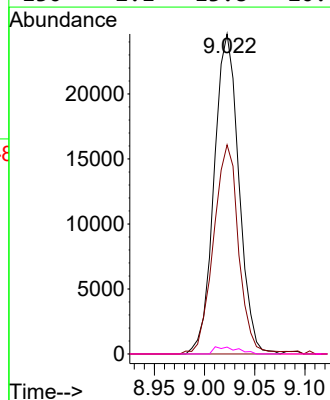
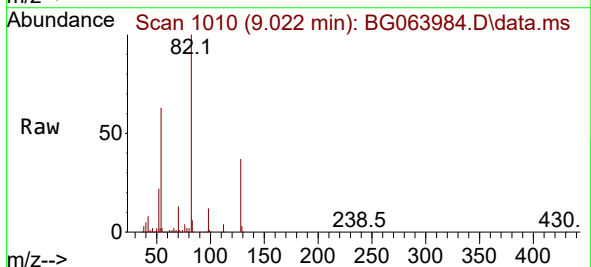
Instrument :
BNA_G
ClientSampleId :
PB166335BL

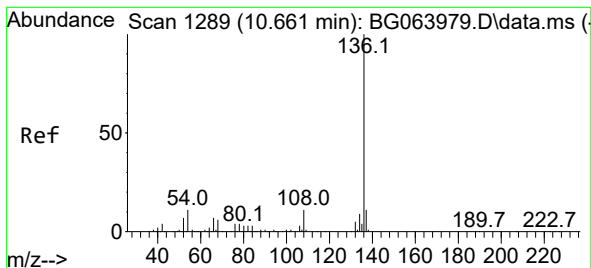
Tgt Ion: 99 Resp: 555405
Ion Ratio Lower Upper
99 100
42 24.6 18.9 28.3
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.331 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.341 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion: 70 Resp: 42277
Ion Ratio Lower Upper
70 100
42 65.4 62.2 93.4
101 0.0 5.6 8.4#
130 2.1 13.8 20.6#

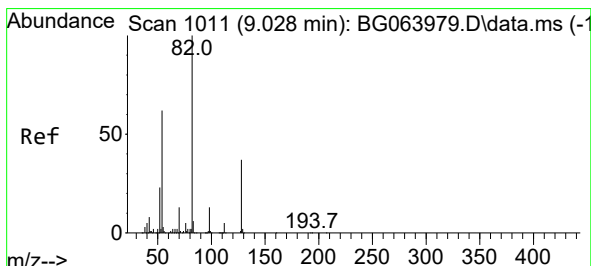
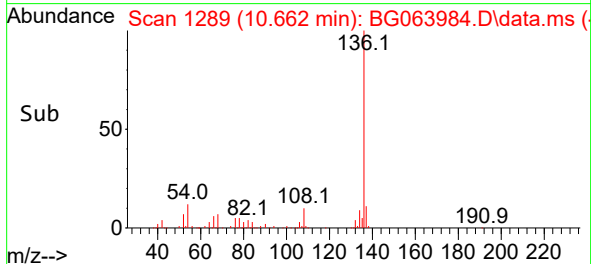
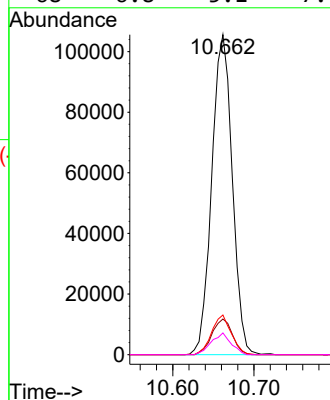
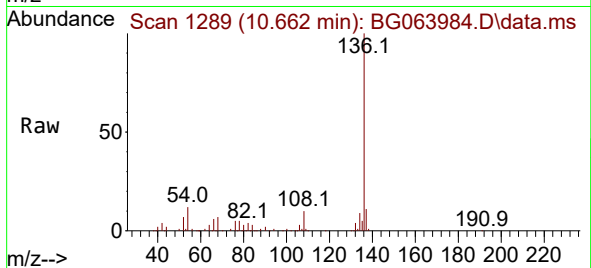




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

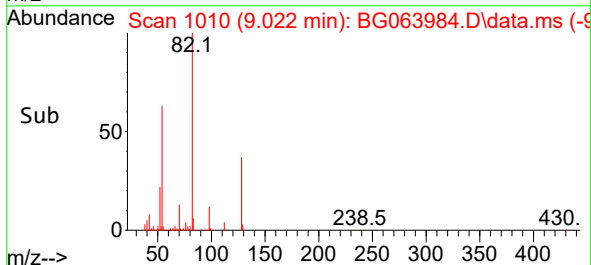
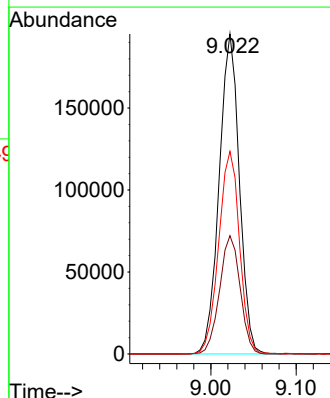
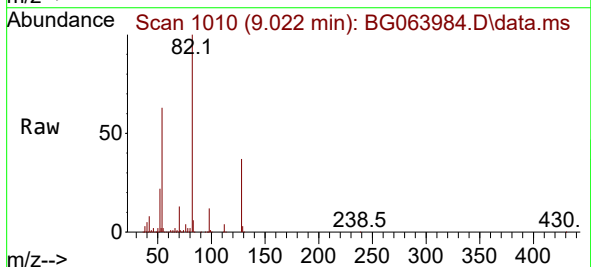
Instrument :
BNA_G
ClientSampleId :
PB166335BL

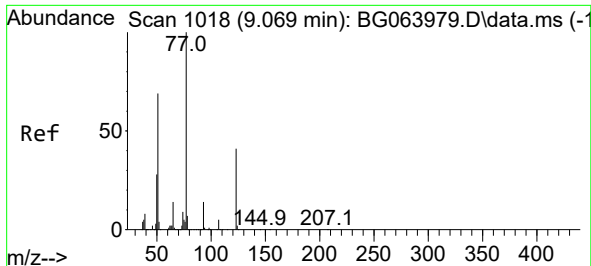
Tgt Ion:	136	Resp:	185229
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	12.4	9.2	13.8
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 105.416 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion:	82	Resp:	321283
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.4	44.2
54	63.3	49.9	74.9

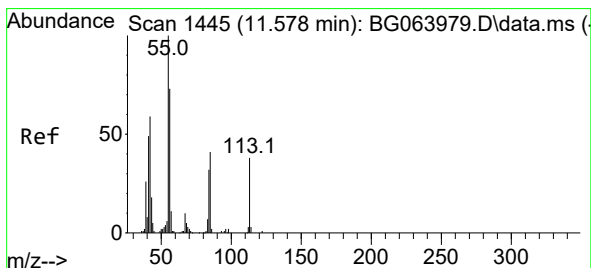
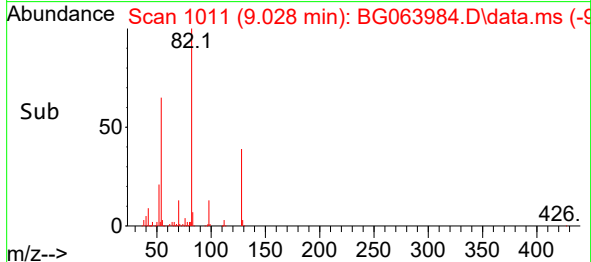
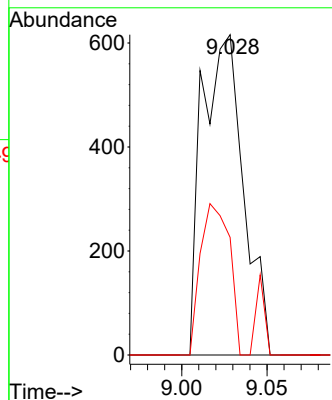
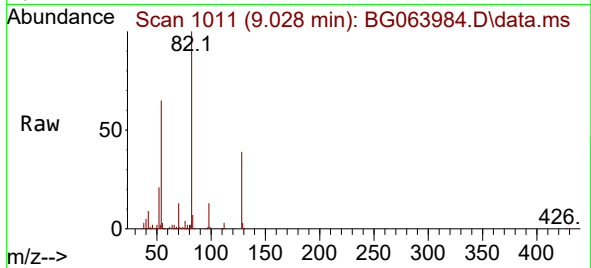




#24
Nitrobenzene
Concen: 4.097 ng
RT: 9.028 min Scan# 1018
Delta R.T. -0.041 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

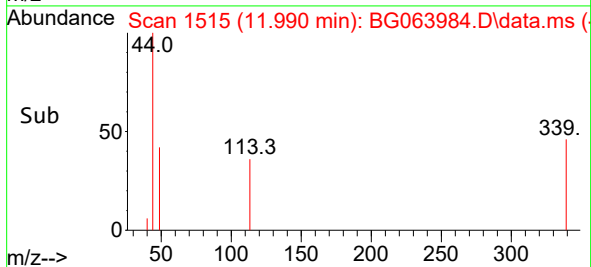
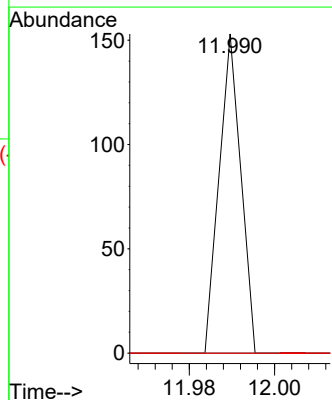
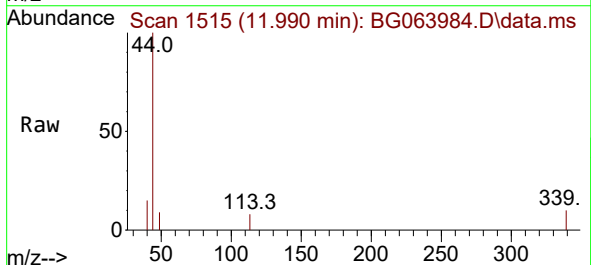
Instrument :
BNA_G
ClientSampleId :
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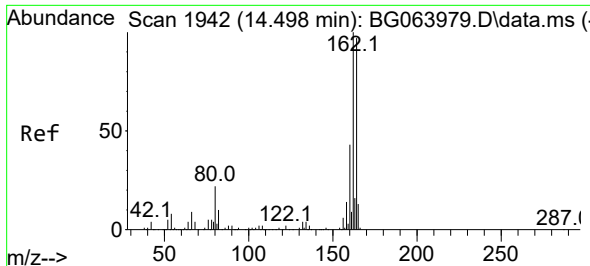
Tgt Ion: 77 Resp: 1039
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 36.7 11.0 16.6#



#35
Caprolactam
Concen: 5.368 ng
RT: 11.990 min Scan# 1515
Delta R.T. 0.412 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion: 113 Resp: 54
Ion Ratio Lower Upper
113 100
55 0.0 241.8 281.8#
56 0.0 171.5 211.5#

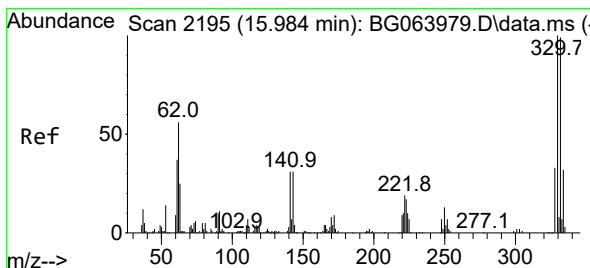
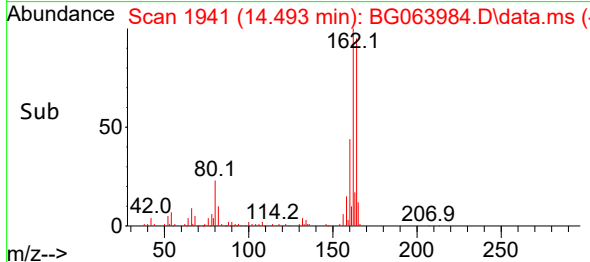
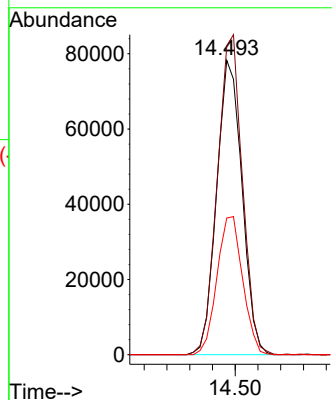
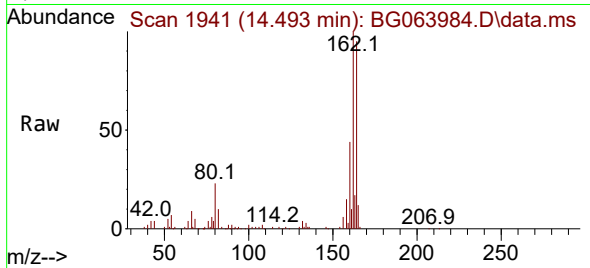




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

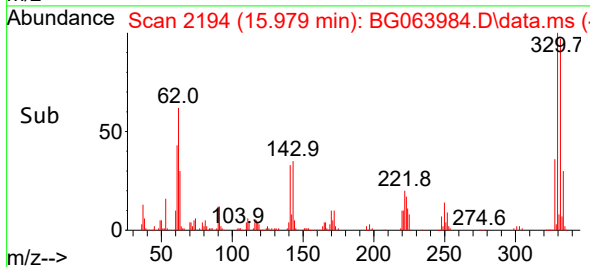
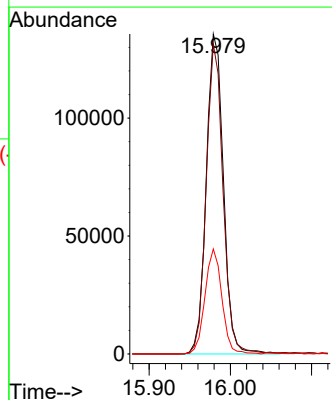
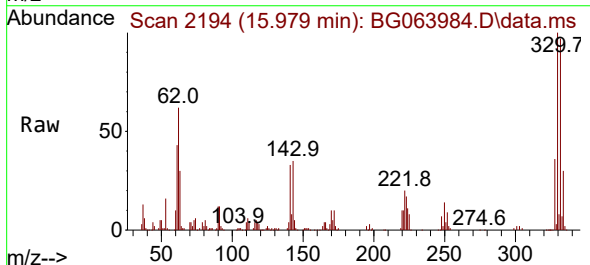
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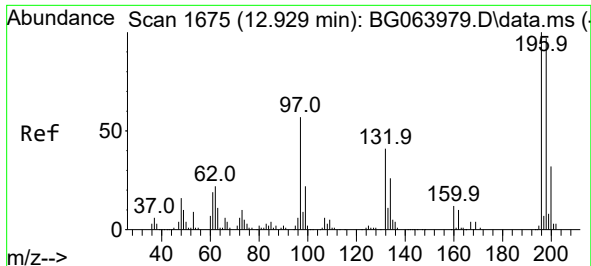
Tgt Ion:164 Resp: 121126
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 46.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 140.710 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

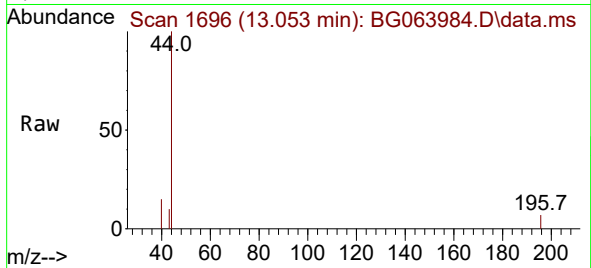
Tgt Ion:330 Resp: 198916
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.6
141 32.3 27.2 40.8



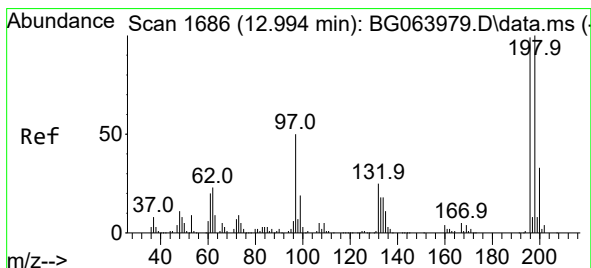
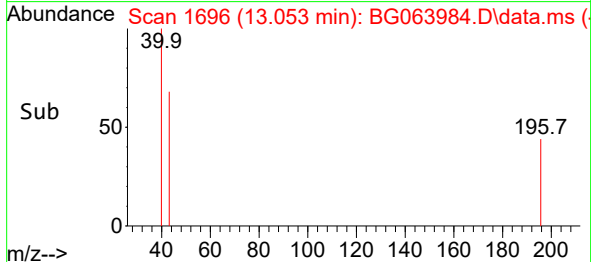
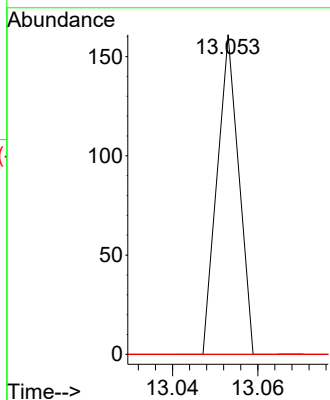


#43
2,4,6-Trichlorophenol
Concen: 4.922 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.124 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Instrument :
BNA_G
ClientSampleId :
PB166335BL

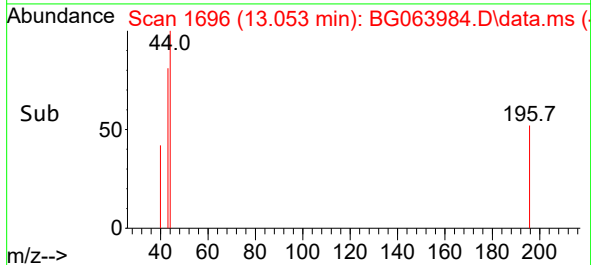
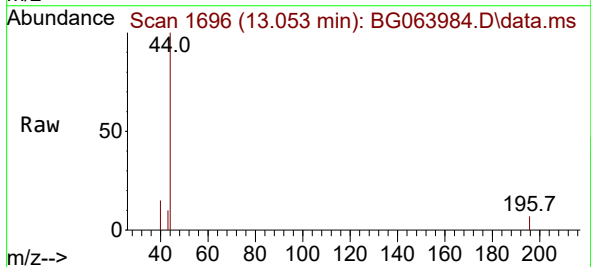
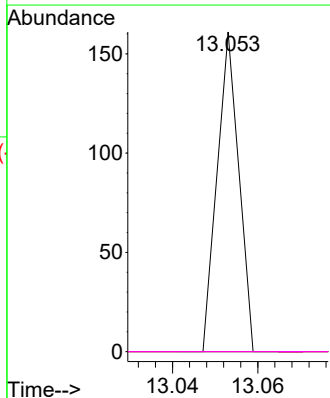


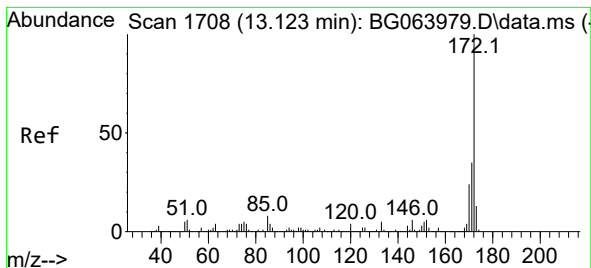
Tgt Ion:196 Resp: 57
Ion Ratio Lower Upper
196 100
198 0.0 77.9 116.9#
200 0.0 25.5 38.3#



#44
2,4,5-Trichlorophenol
Concen: 3.961 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.059 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion:196 Resp: 57
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#

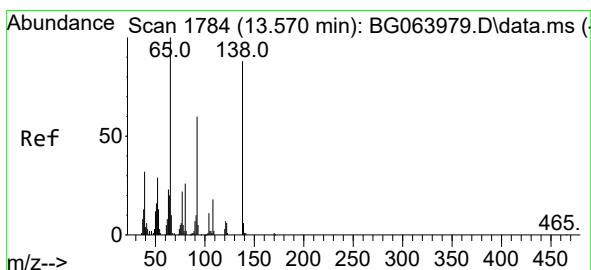
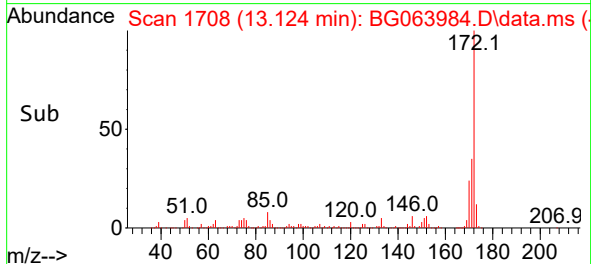
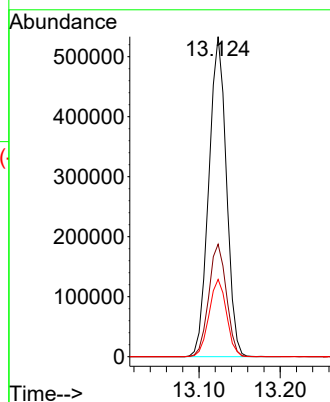
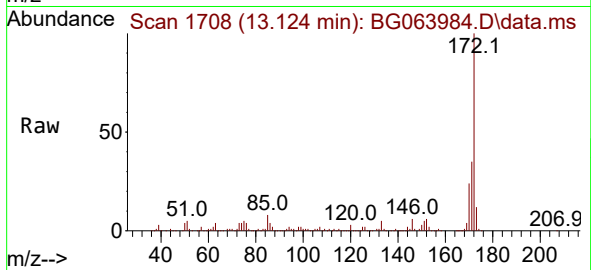




#45
2-Fluorobiphenyl
Concen: 101.097 ng
RT: 13.124 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

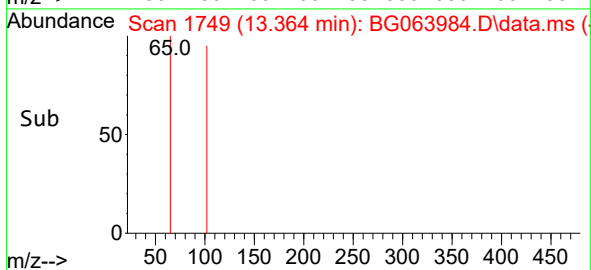
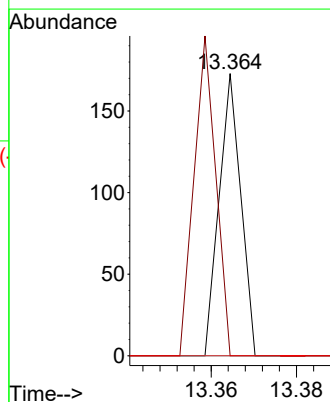
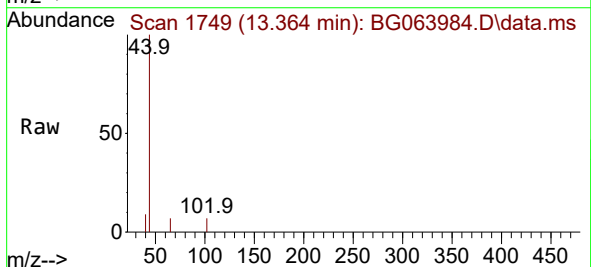
Instrument :
BNA_G
ClientSampleId :
PB166335BL

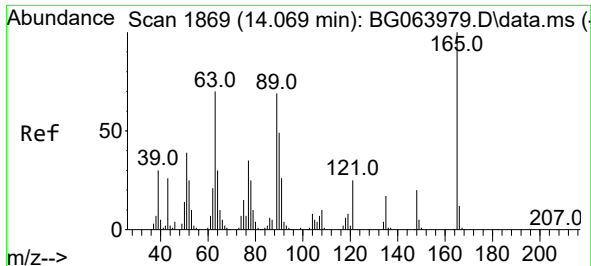
Tgt Ion:172 Resp: 799240
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 24.2 19.4 29.2



#48
2-Nitroaniline
Concen: 4.267 ng
RT: 13.364 min Scan# 1749
Delta R.T. -0.206 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 47.6 71.4#
138 0.0 70.6 106.0#

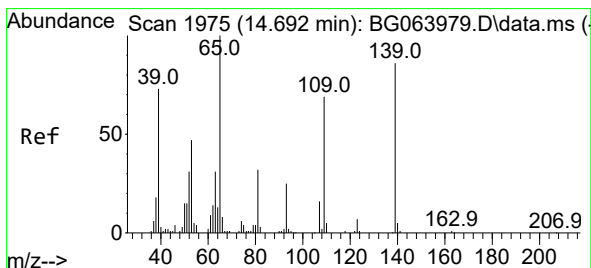
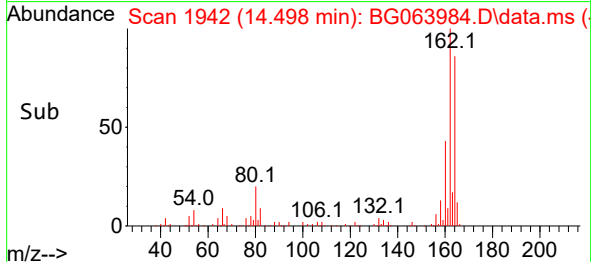
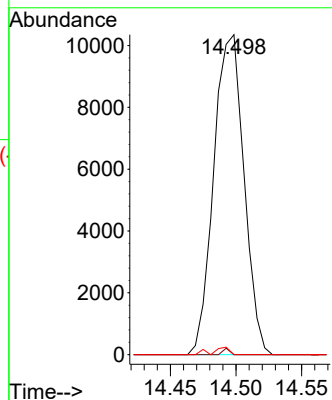
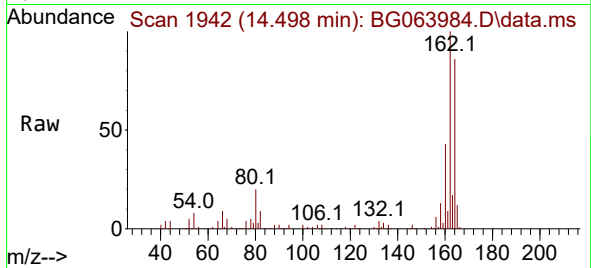




#51
2,6-Dinitrotoluene
Concen: 15.513 ng
RT: 14.498 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

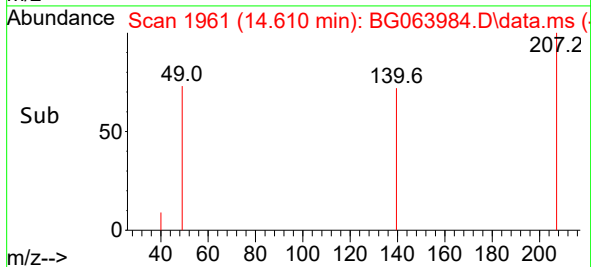
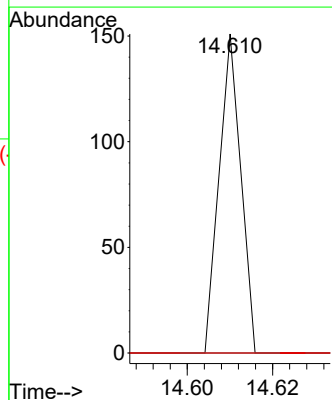
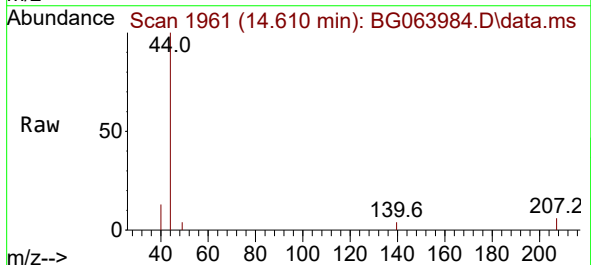
Instrument :
BNA_G
ClientSampleId :
PB166335BL

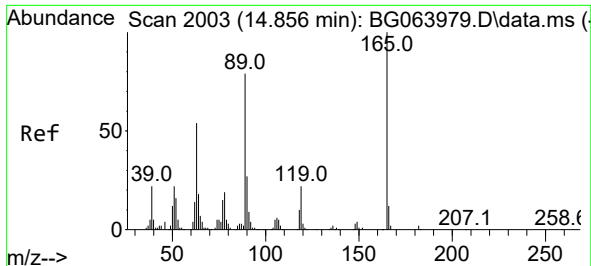
Tgt Ion:165 Resp: 16577
Ion Ratio Lower Upper
165 100
63 0.0 57.7 86.5#
89 0.0 55.6 83.4#



#56
4-Nitrophenol
Concen: 8.465 ng
RT: 14.610 min Scan# 1961
Delta R.T. -0.082 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

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: 13.509 ng

RT: 14.498 min Scan# 1942

Delta R.T. -0.358 min

Lab File: BG063984.D

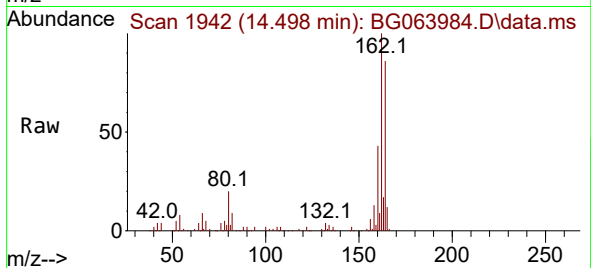
Acq: 3 Feb 2025 17:36

Instrument :

BNA_G

ClientSampleId :

PB166335BL



Tgt Ion:165 Resp: 16577

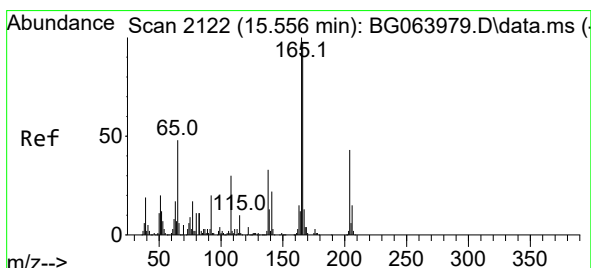
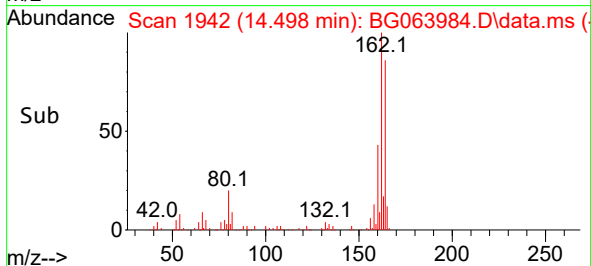
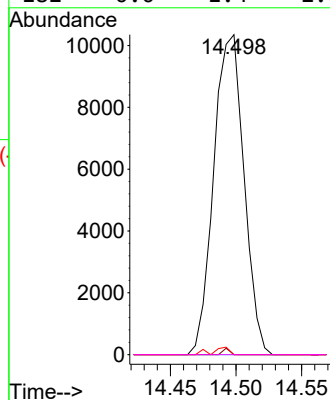
Ion Ratio Lower Upper

165 100

63 0.0 43.6 65.4#

89 0.0 63.1 94.7#

182 0.0 1.4 2.0#



#62

4-Nitroaniline

Concen: 3.960 ng

RT: 15.562 min Scan# 2123

Delta R.T. 0.006 min

Lab File: BG063984.D

Acq: 3 Feb 2025 17:36

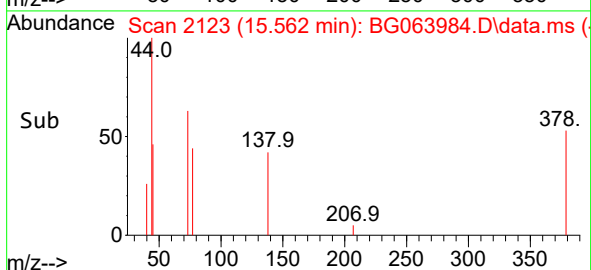
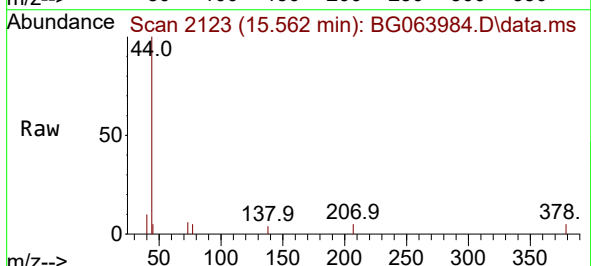
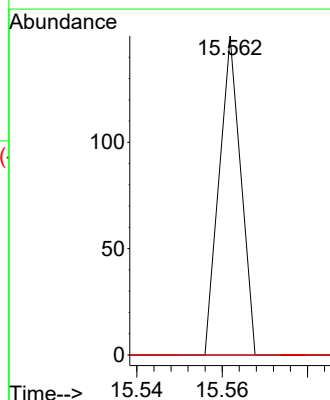
Tgt Ion:138 Resp: 53

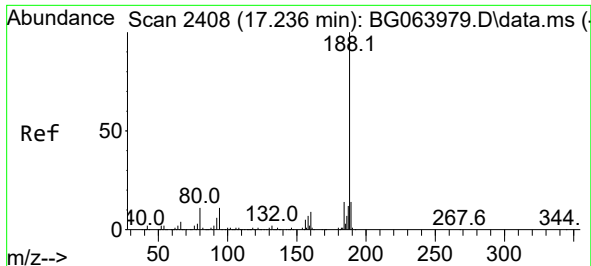
Ion Ratio Lower Upper

138 100

92 0.0 40.3 80.3#

108 0.0 69.3 109.3#

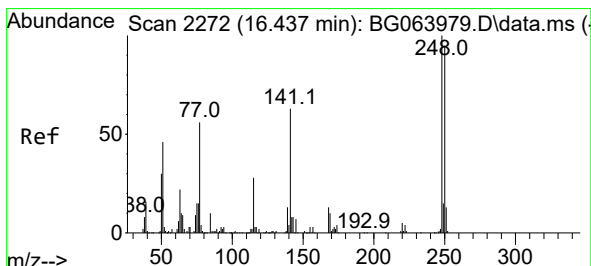
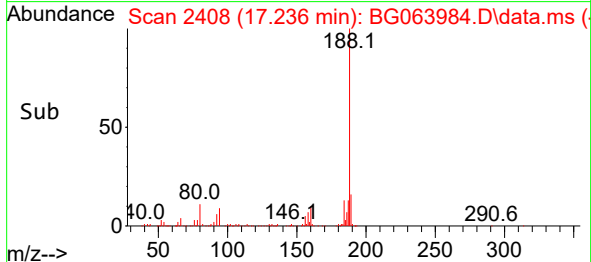
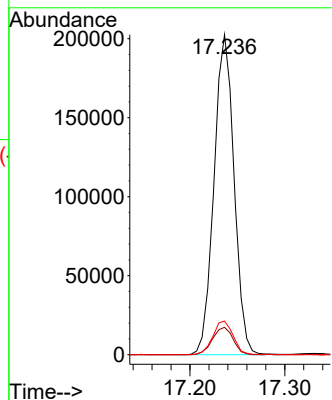
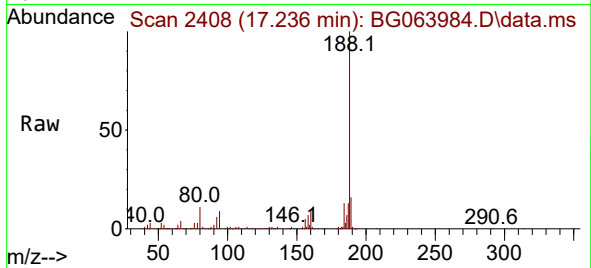




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

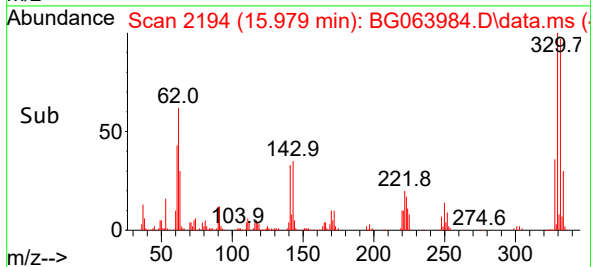
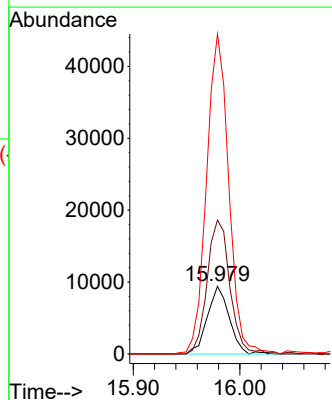
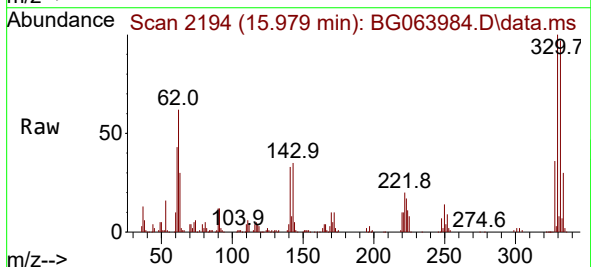
Instrument :
BNA_G
ClientSampleId :
PB166335BL

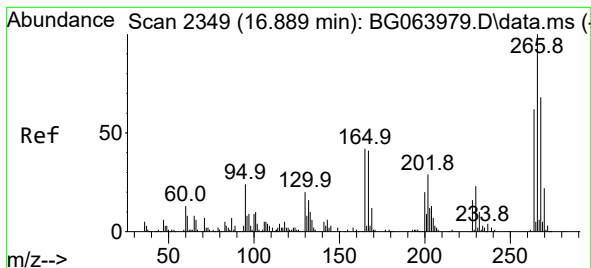
Tgt Ion:188 Resp: 298133
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 10.5 8.5 12.7



#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.458 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion:248 Resp: 13492
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 472.4 50.6 75.8#





#70

Pentachlorophenol

Concen: 8.714 ng

RT: 16.890 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG063984.D

Acq: 3 Feb 2025 17:36

Instrument :

BNA_G

ClientSampleId :

PB166335BL

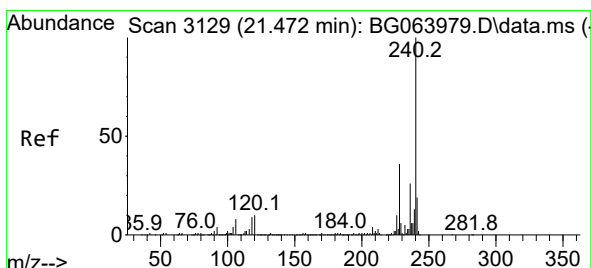
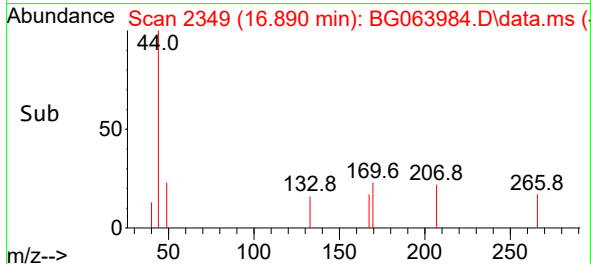
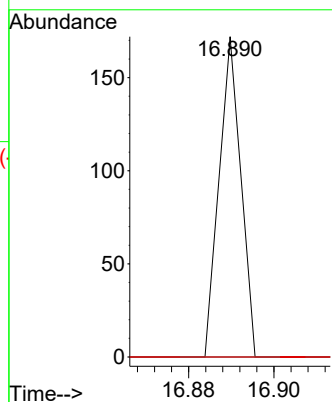
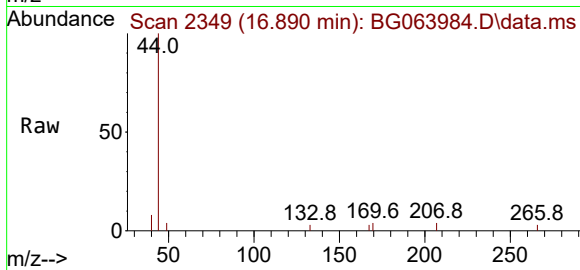
Tgt Ion:266 Resp: 61

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: BG063984.D

Acq: 3 Feb 2025 17:36

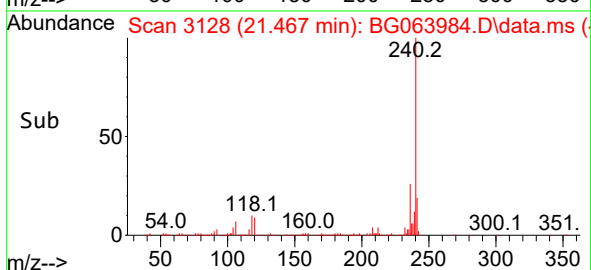
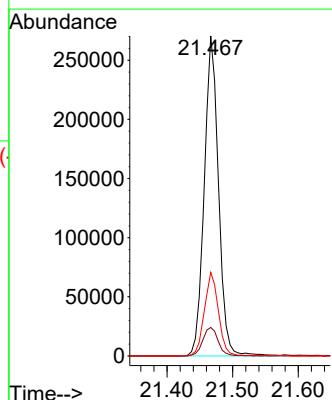
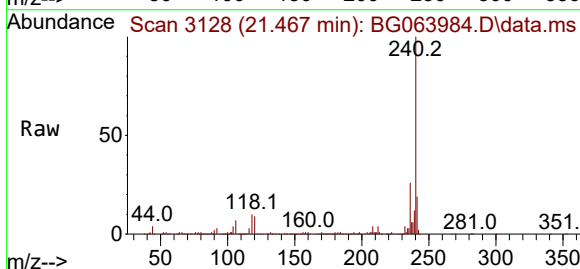
Tgt Ion:240 Resp: 410331

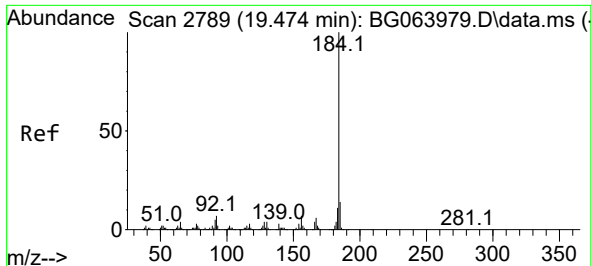
Ion Ratio Lower Upper

240 100

120 8.9 7.9 11.9

236 26.1 21.0 31.6

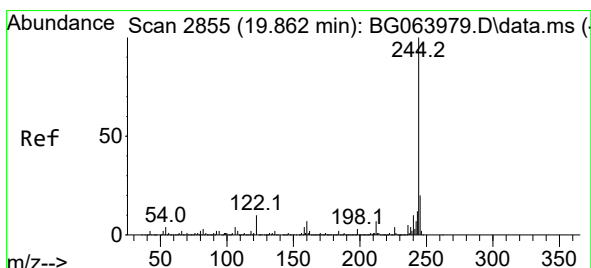
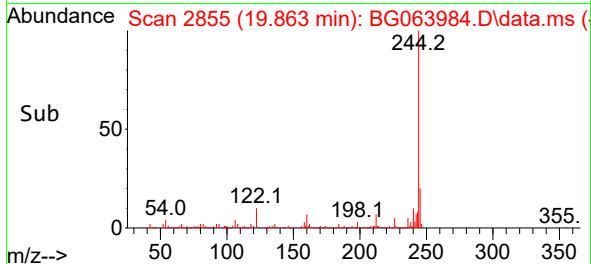
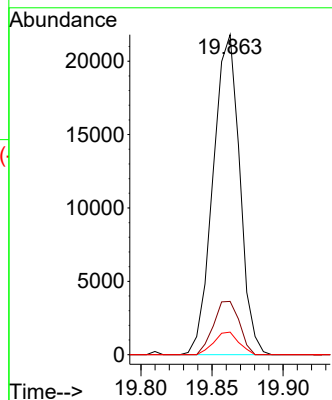
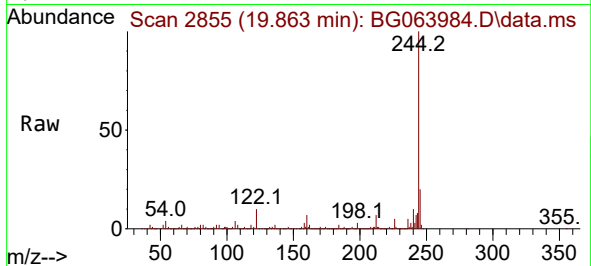




#77
Benzidine
Concen: 3.251 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.388 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

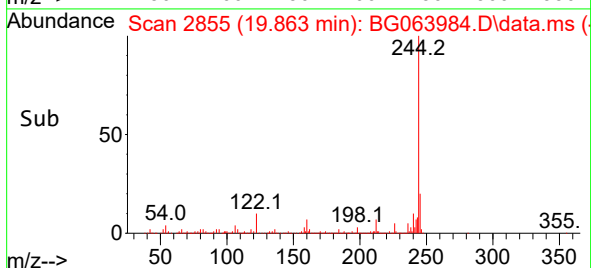
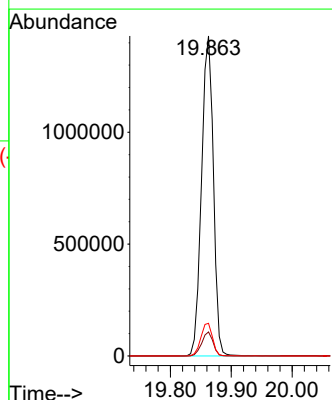
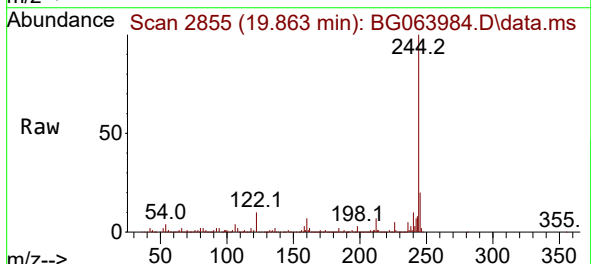
Instrument :
BNA_G
ClientSampleId :
PB166335BL

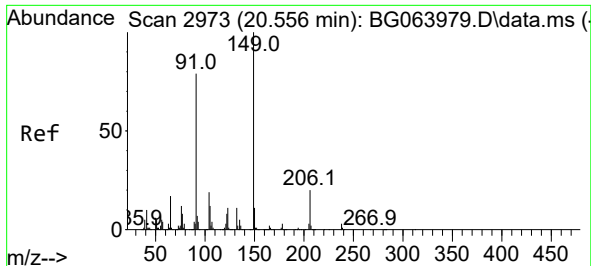
Tgt Ion:184 Resp: 28407
Ion Ratio Lower Upper
184 100
185 16.7 11.2 16.8
183 7.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 98.352 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BG063984.D
Acq: 3 Feb 2025 17:36

Tgt Ion:244 Resp: 1932381
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.2 7.7 11.5

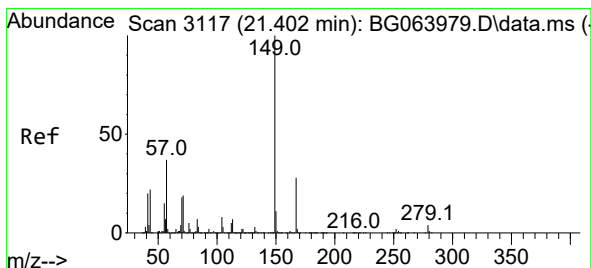
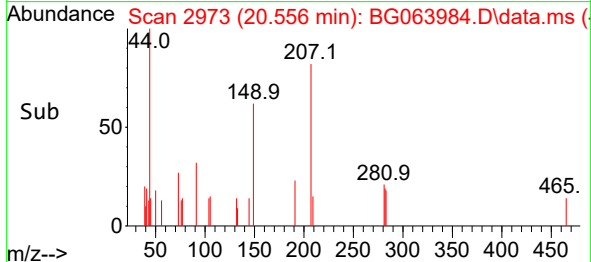
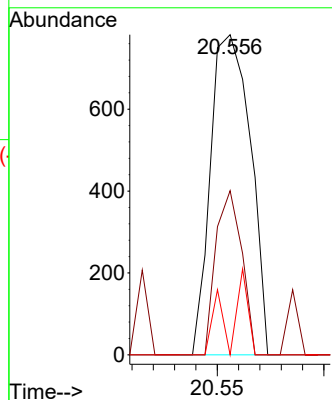
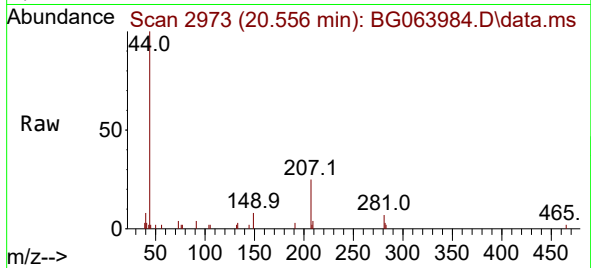




#80
 Butylbenzylphthalate
 Concen: 5.658 ng
 RT: 20.556 min Scan# 2973
 Delta R.T. -0.000 min
 Lab File: BG063984.D
 Acq: 3 Feb 2025 17:36

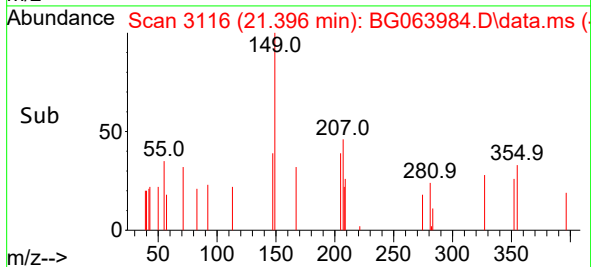
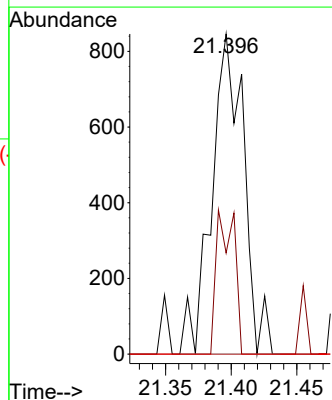
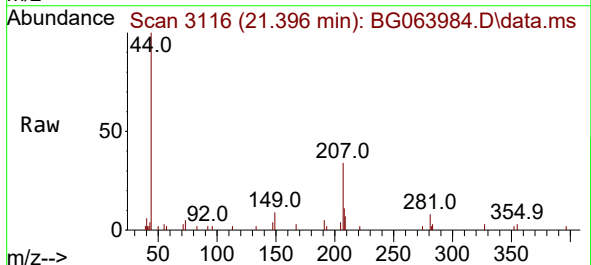
Instrument :
 BNA_G
 ClientSampleId :
 PB166335BL

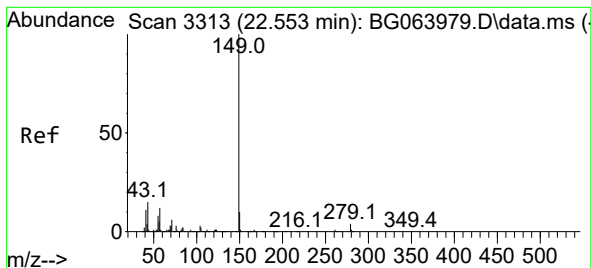
Tgt Ion:149 Resp: 1016
 Ion Ratio Lower Upper
 149 100
 91 51.3 63.0 94.6#
 206 0.0 15.8 23.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.560 ng
 RT: 21.396 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BG063984.D
 Acq: 3 Feb 2025 17:36

Tgt Ion:149 Resp: 1445
 Ion Ratio Lower Upper
 149 100
 167 31.6 22.5 33.7
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.987 ng

RT: 22.554 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG063984.D

Acq: 3 Feb 2025 17:36

Instrument :

BNA_G

ClientSampleId :

PB166335BL

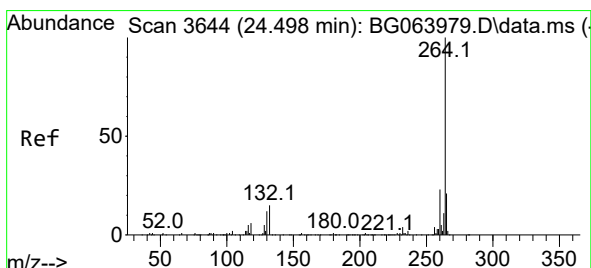
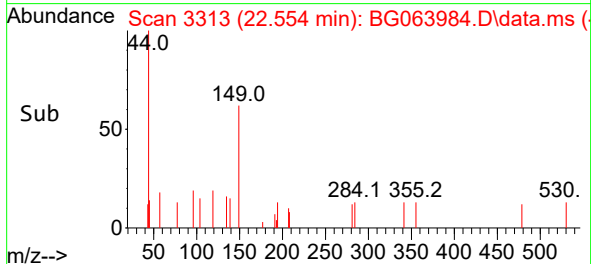
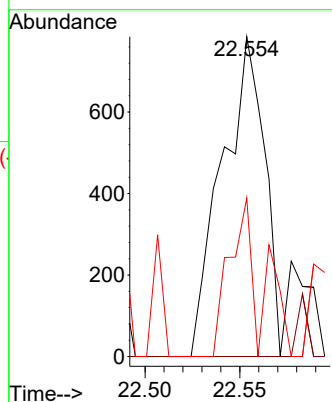
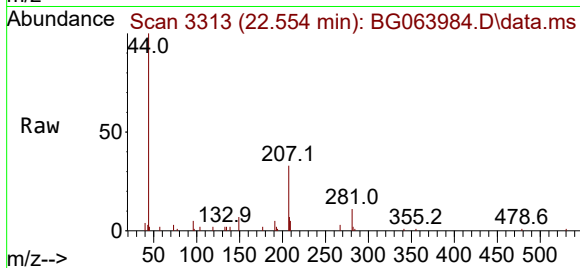
Tgt Ion:149 Resp: 1219

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 37.9 12.3 18.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.493 min Scan# 3643

Delta R.T. -0.005 min

Lab File: BG063984.D

Acq: 3 Feb 2025 17:36

Tgt Ion:264 Resp: 424137

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.5 16.6 24.8

