

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064143.D
 Acq On : 1 Apr 2025 20:26
 Operator : RC/JU
 Sample : Q1664-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-007-01

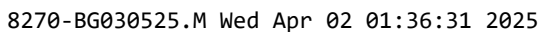
Quant Time: Apr 02 01:36:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

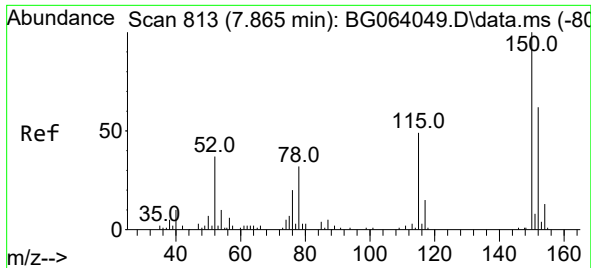
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	34800	20.000	ng	# 0.00
21) Naphthalene-d8	10.646	136	145195	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	100676	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	224548	20.000	ng	0.00
76) Chrysene-d12	21.451	240	255840	20.000	ng	0.00
86) Perylene-d12	24.460	264	278315	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	137225	61.572	ng	0.00
7) Phenol-d6	7.021	99	106057	34.980	ng	0.00
23) Nitrobenzene-d5	9.013	82	307770	117.139	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	208074	185.932	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	692265	104.372	ng	0.00
79) Terphenyl-d14	19.842	244	1313084	103.778	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.013	70	42802	20.116	ng	# 75
32) Benzoic acid	9.988	122	71	8.730	ng	# 1
48) 2-Nitroaniline	13.267	65	73	3.256	ng	# 11
51) 2,6-Dinitrotoluene	14.477	165	13611	11.754	ng	# 17
54) 2,4-Dinitrophenol	14.653	184	62	7.971	ng	# 15
57) 2,4-Dinitrotoluene	14.477	165	13611	9.691	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.705	198	58	8.228	ng	# 23
67) 4-Bromophenyl-phenylether	15.970	248	14746	6.412	ng	# 1
70) Pentachlorophenol	16.874	266	6122	3.830	ng	# 79
77) Benzidine	19.842	184	25791	7.280	ng	# 95
80) Butylbenzylphthalate	20.523	149	56	3.646	ng	# 20

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

Quant Time: Apr 02 01:36:26 2025
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QLast Update : Wed Mar 05 15:39:19 2025
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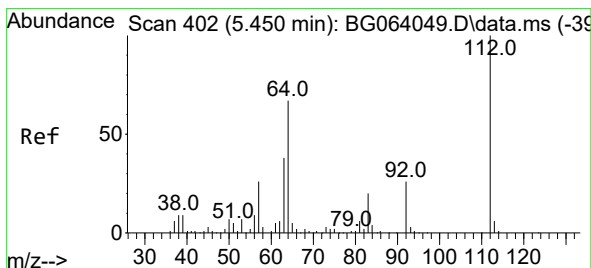
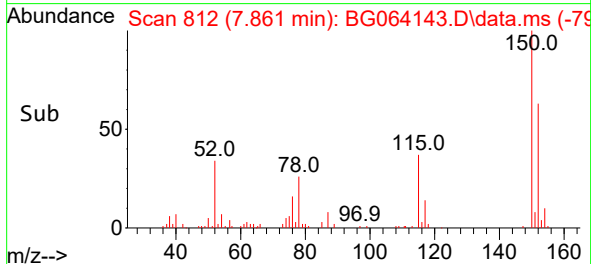
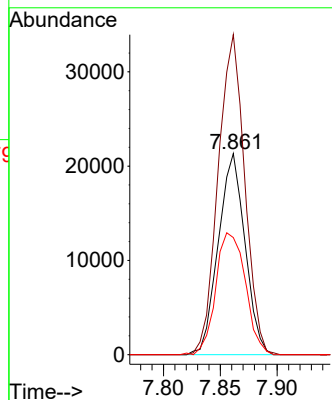
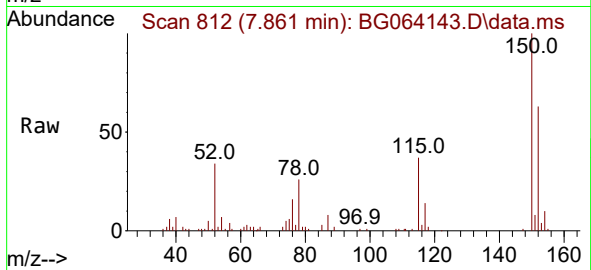




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

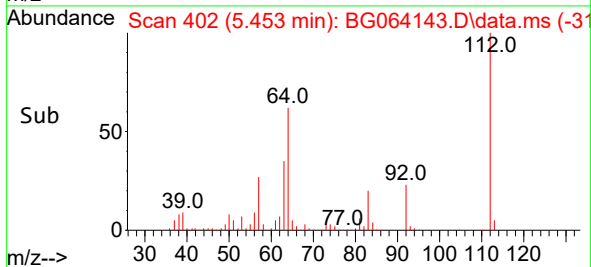
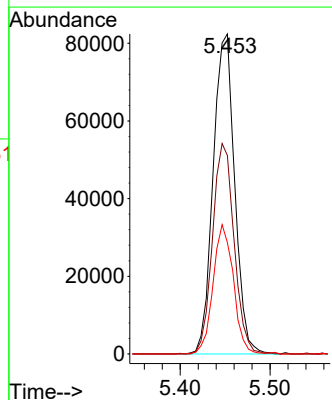
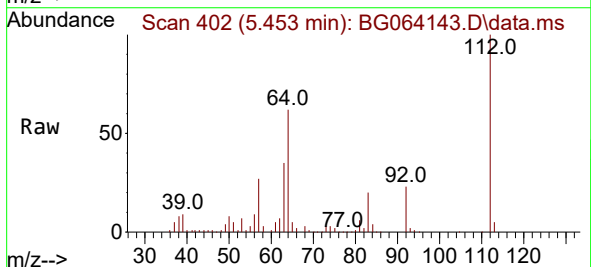
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

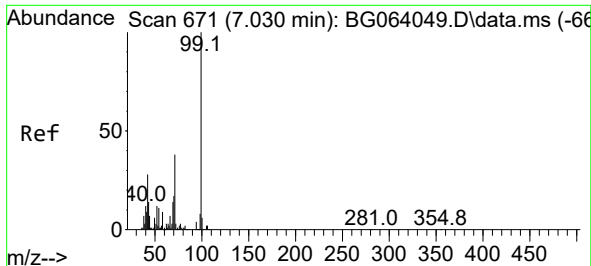
Tgt Ion:152 Resp: 34800
Ion Ratio Lower Upper
152 100
150 159.1 129.2 193.8
115 58.2 63.0 94.6#



#5
2-Fluorophenol
Concen: 61.572 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:112 Resp: 137225
Ion Ratio Lower Upper
112 100
64 62.0 53.7 80.5
63 34.8 30.2 45.4

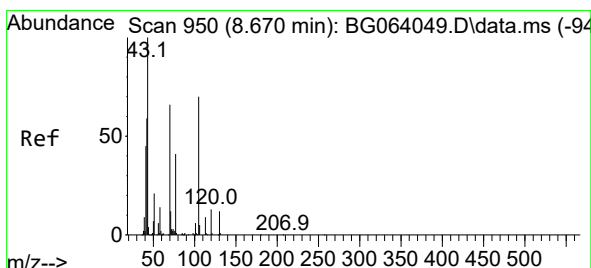
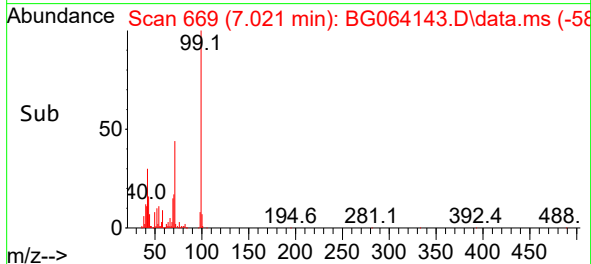
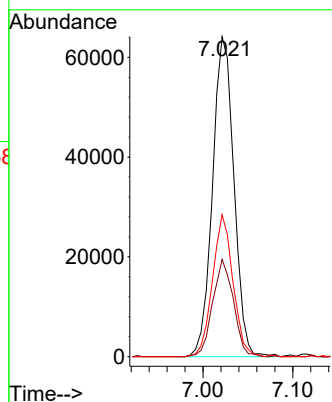
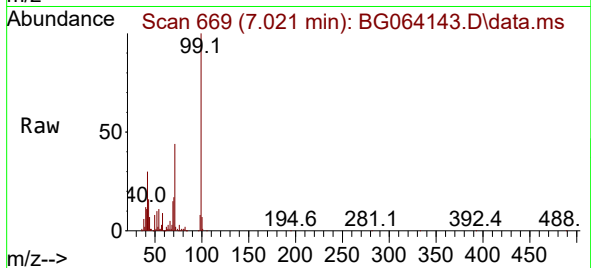




#7
Phenol-d6
Concen: 34.980 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

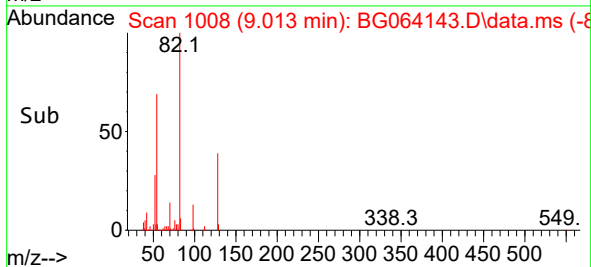
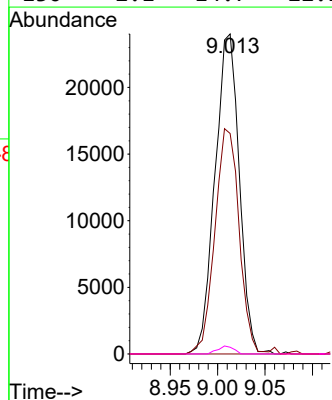
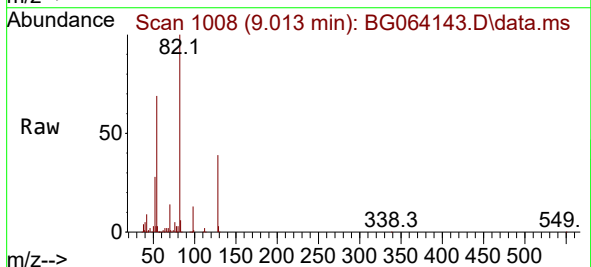
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

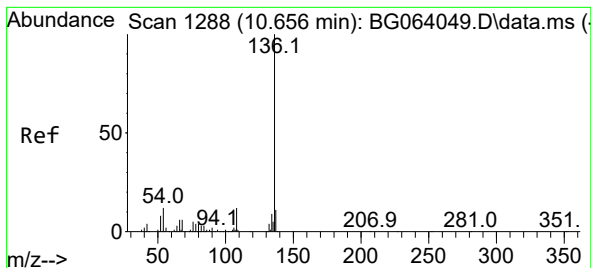
Tgt Ion: 99 Resp: 106057
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 44.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.116 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.343 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion: 70 Resp: 42802
Ion Ratio Lower Upper
70 100
42 68.9 72.1 108.1#
101 0.0 7.2 10.8#
130 2.1 14.7 22.1#

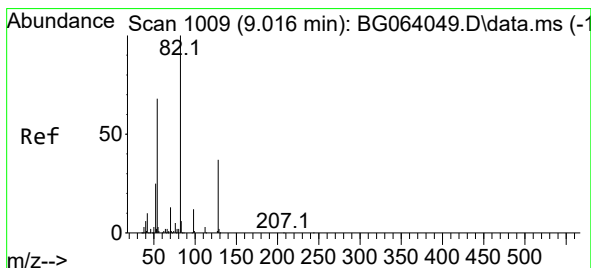
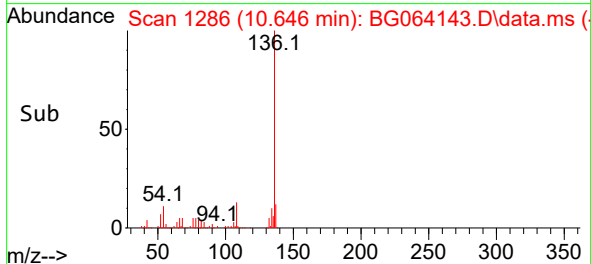
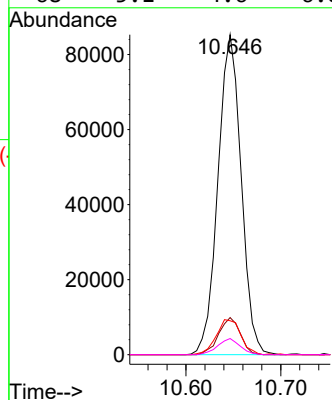
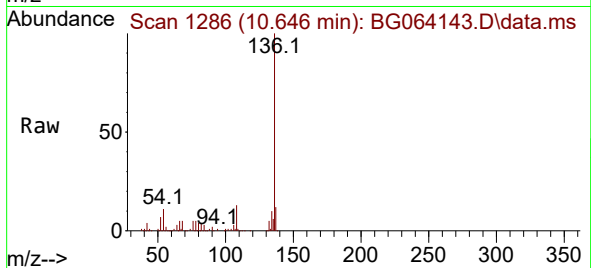




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

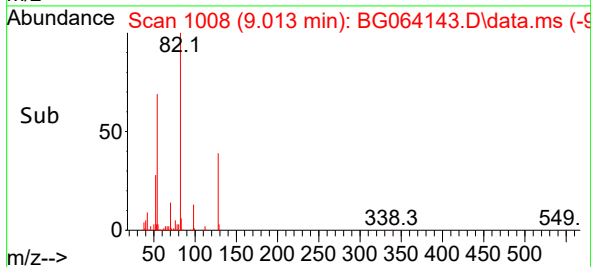
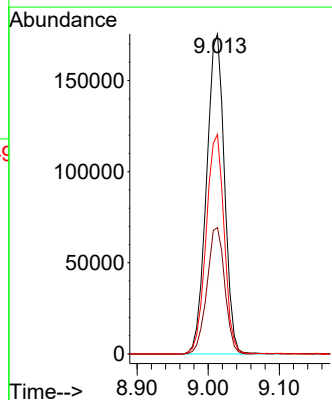
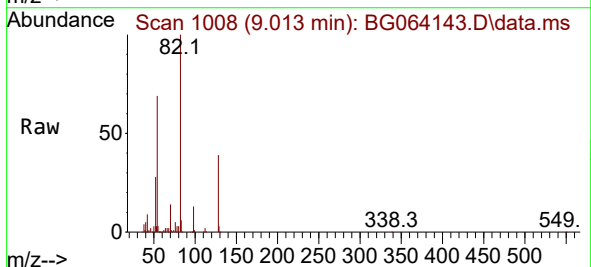
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

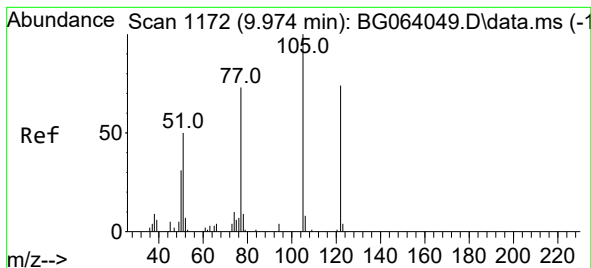
Tgt Ion:	136	Resp:	145195
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	10.6	9.9	14.9
68	5.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 117.139 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:	82	Resp:	307770
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.0	45.0
54	68.6	54.7	82.1





#32

Benzoic acid

Concen: 8.730 ng

RT: 9.988 min Scan# 1174

Delta R.T. 0.014 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01

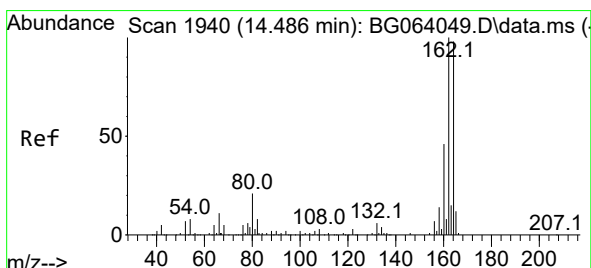
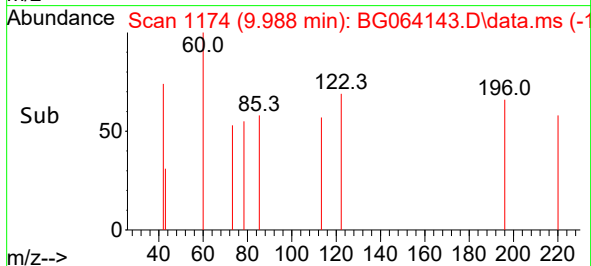
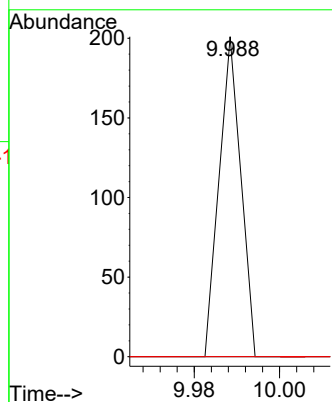
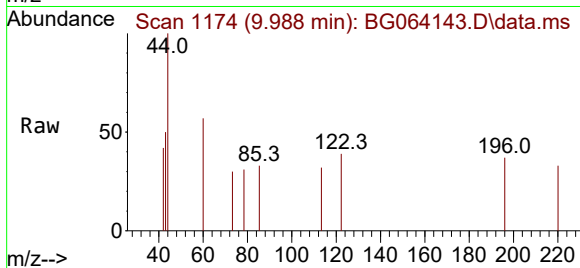
Tgt Ion:122 Resp: 71

Ion Ratio Lower Upper

122 100

105 0.0 115.0 155.0#

77 0.0 80.9 120.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

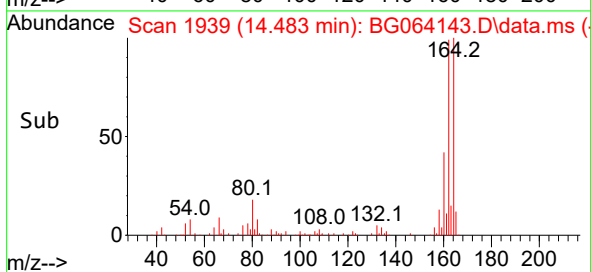
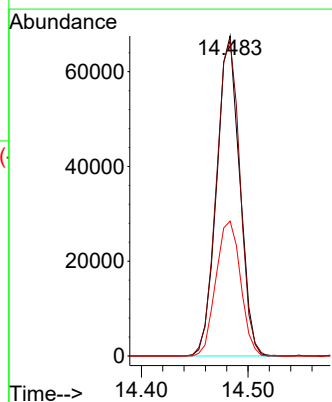
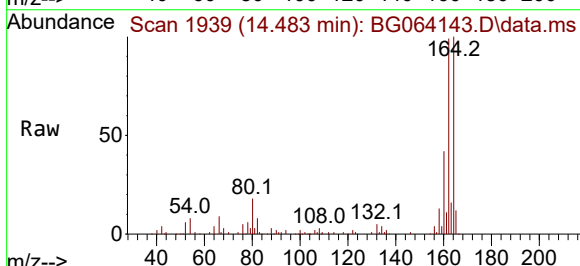
Tgt Ion:164 Resp: 100676

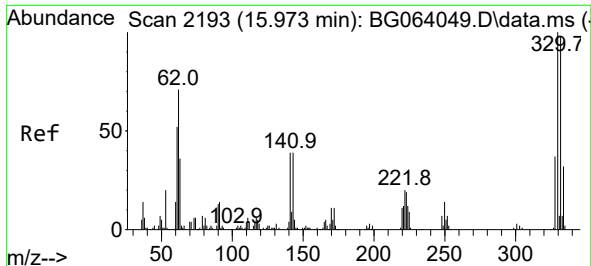
Ion Ratio Lower Upper

164 100

162 98.5 81.4 122.0

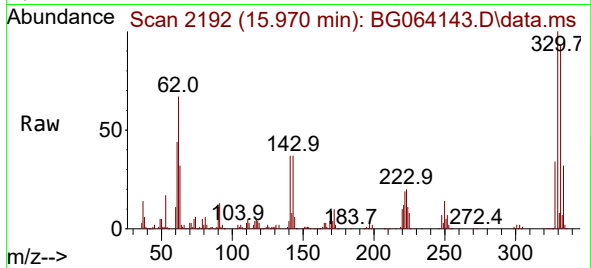
160 42.1 37.0 55.6



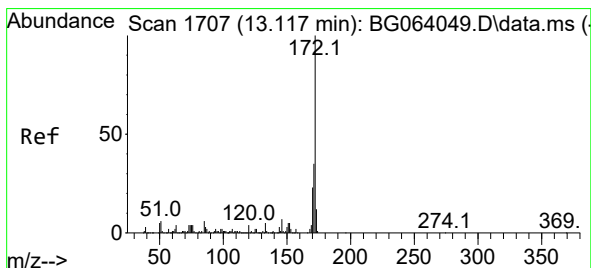
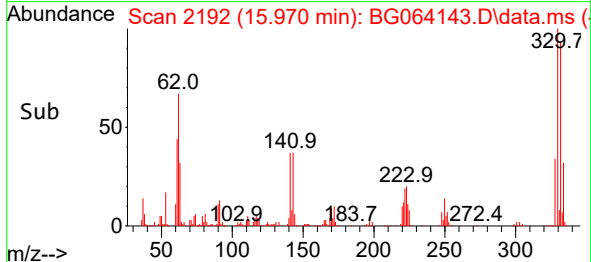
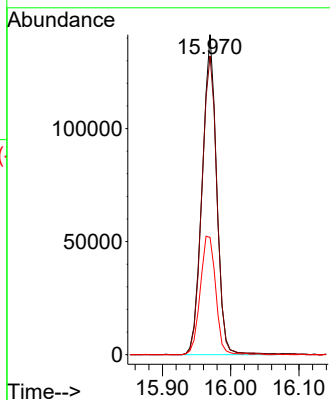


#42
2,4,6-Tribromophenol
Concen: 185.932 ng
RT: 15.970 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

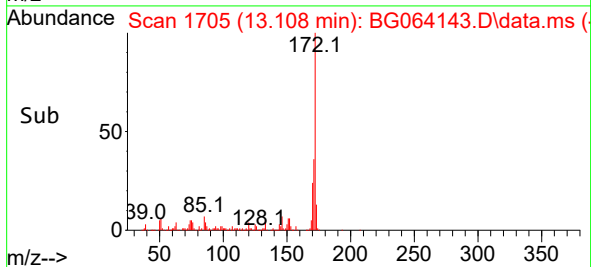
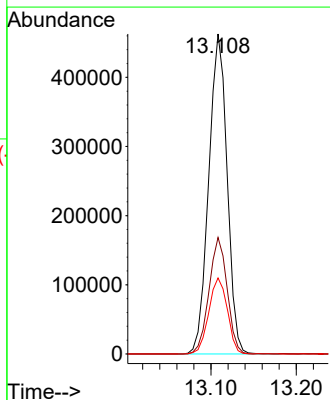
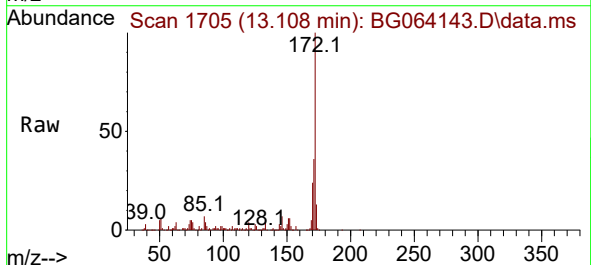


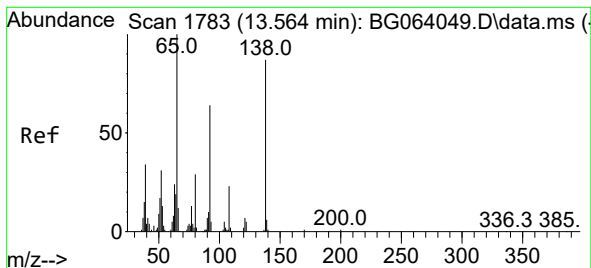
Tgt Ion:330 Resp: 208074
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 39.7 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 104.372 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:172 Resp: 692265
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.8 18.7 28.1





#48

2-Nitroaniline

Concen: 3.256 ng

RT: 13.267 min Scan# 1

Delta R.T. -0.297 min

Lab File: BG064143.D

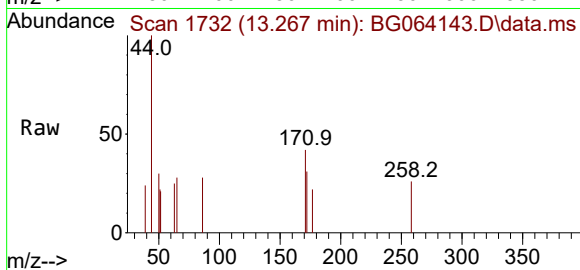
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BNA_G

ClientSampleId :

P001-BBDGA-007-01



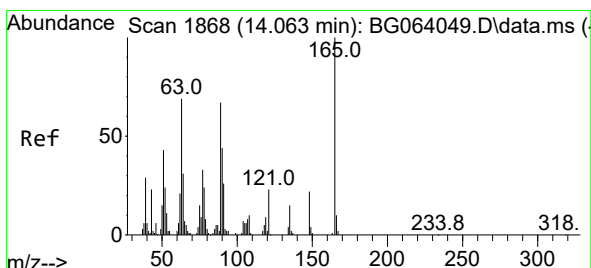
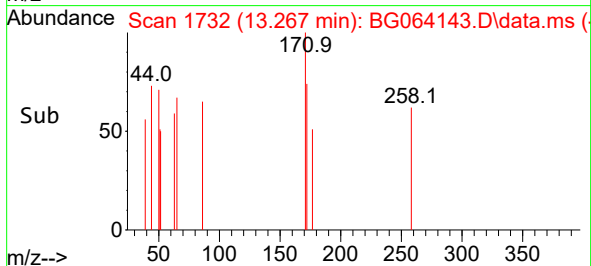
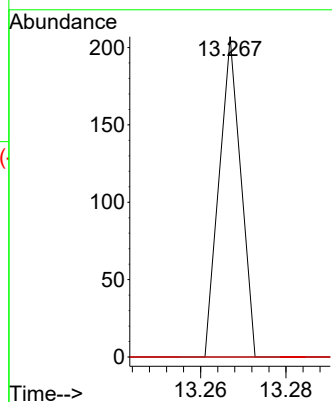
Tgt Ion: 65 Resp: 73

Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#



#51

2,6-Dinitrotoluene

Concen: 11.754 ng

RT: 14.477 min Scan# 1938

Delta R.T. 0.414 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

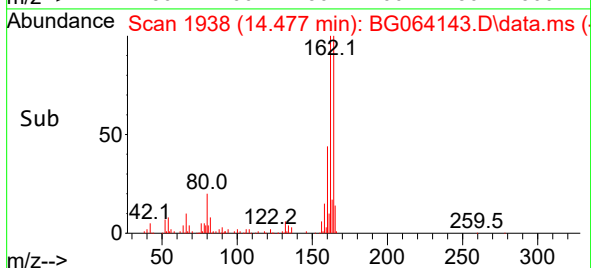
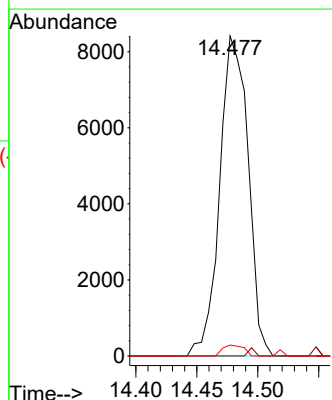
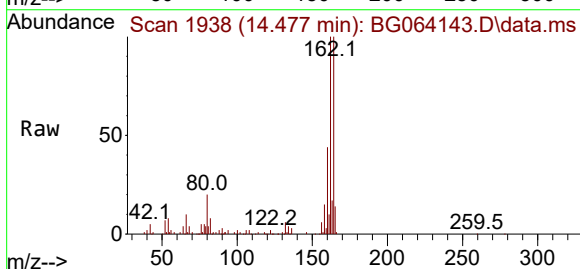
Tgt Ion: 165 Resp: 13611

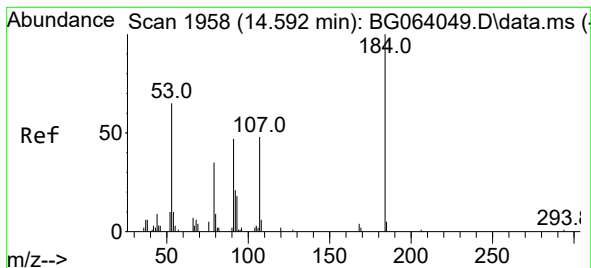
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 3.4 53.7 80.5#

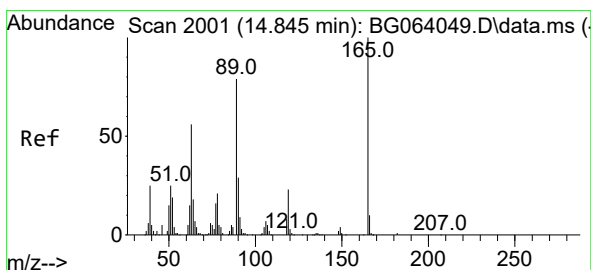
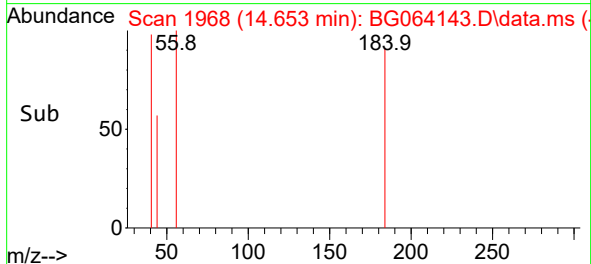
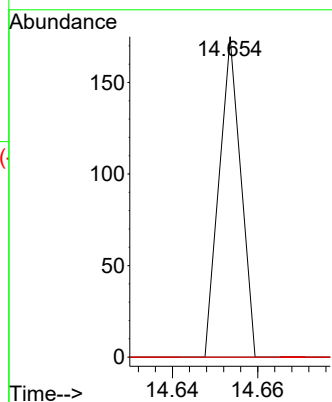
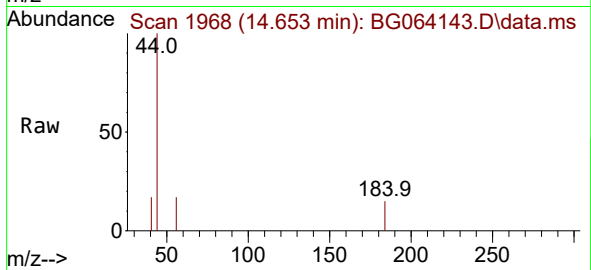




#54
2,4-Dinitrophenol
Concen: 7.971 ng
RT: 14.653 min Scan# 1958
Delta R.T. 0.061 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

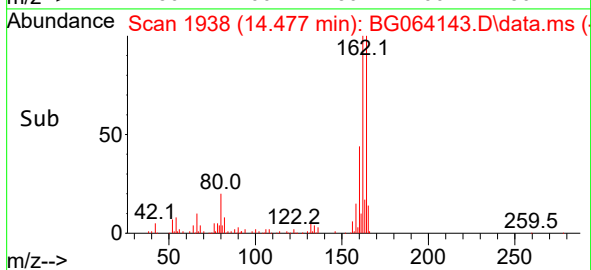
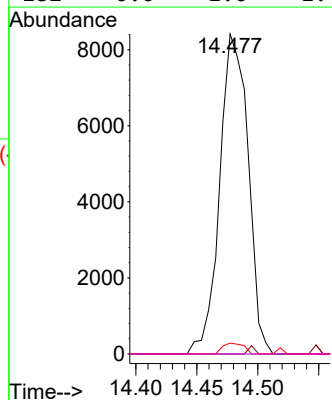
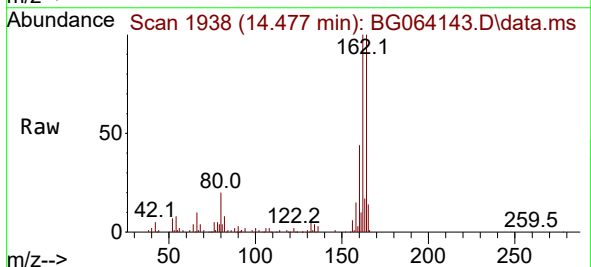
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BNA_G
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P001-BBDGA-007-01

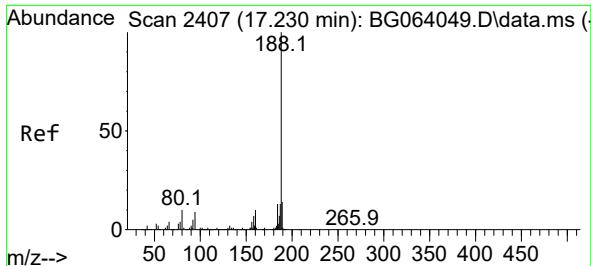
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.691 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.368 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:165 Resp: 13611
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 3.4 63.1 94.7#
182 0.0 1.0 1.4#

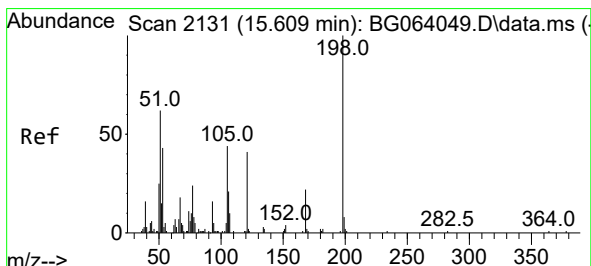
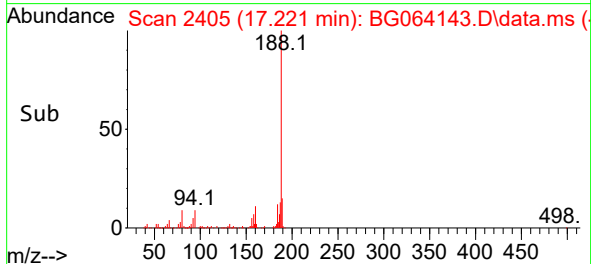
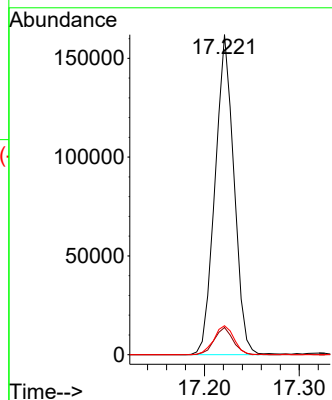
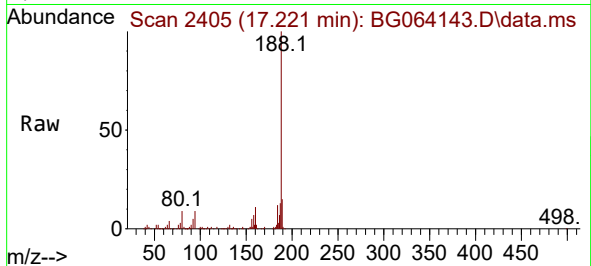




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

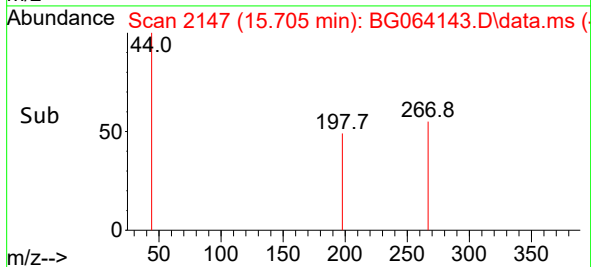
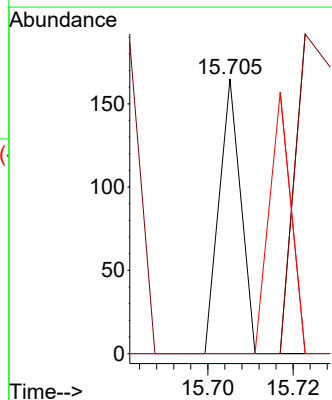
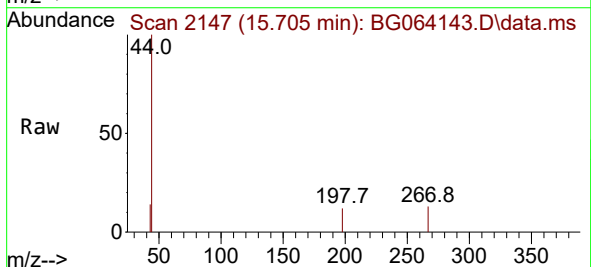
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

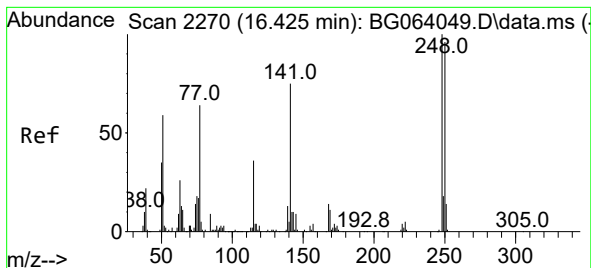
Tgt Ion:188 Resp: 224548
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.1 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 8.228 ng
RT: 15.705 min Scan# 2147
Delta R.T. 0.096 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#

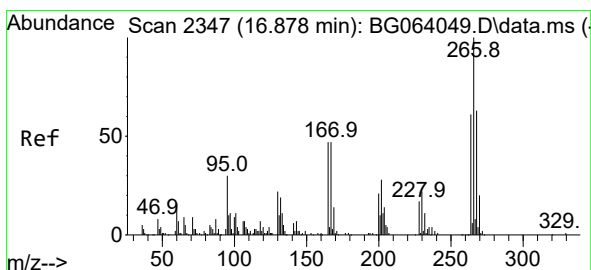
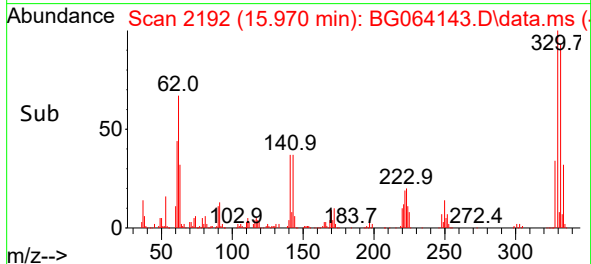
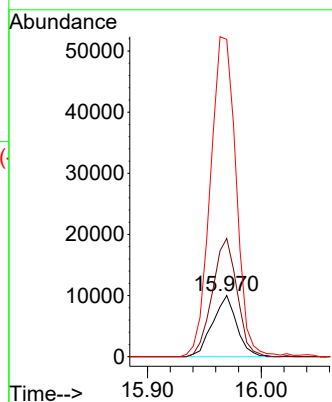
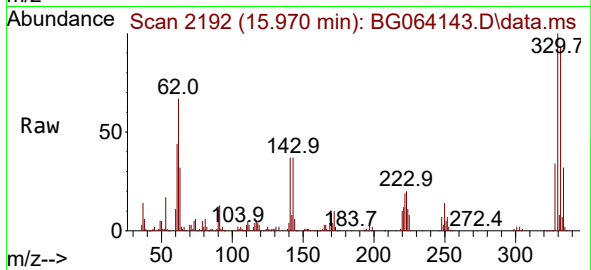




#67
4-Bromophenyl-phenylether
Concen: 6.412 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.456 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

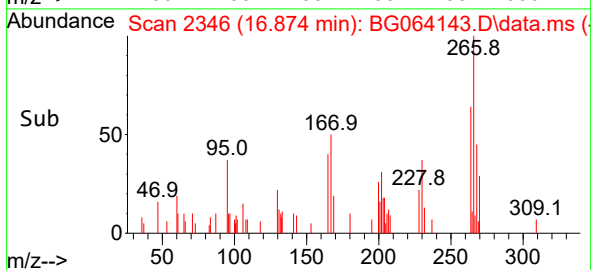
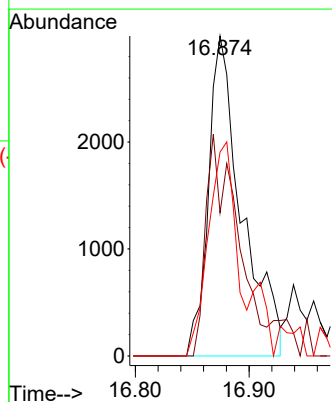
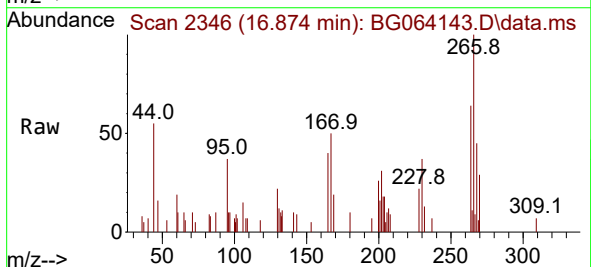
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

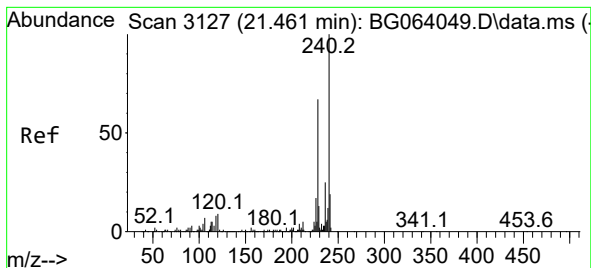
Tgt Ion:248 Resp: 14746
Ion Ratio Lower Upper
248 100
250 193.2 77.1 115.7#
141 518.4 59.8 89.8#



#70
Pentachlorophenol
Concen: 3.830 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:266 Resp: 6122
Ion Ratio Lower Upper
266 100
268 44.8 50.2 75.4#
264 75.2 48.9 73.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01

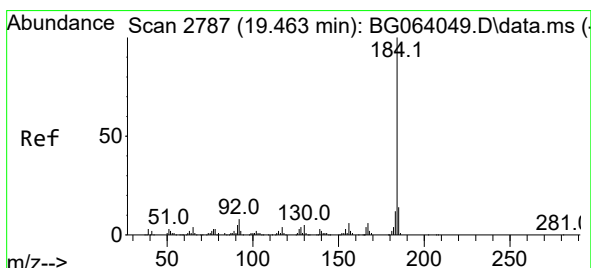
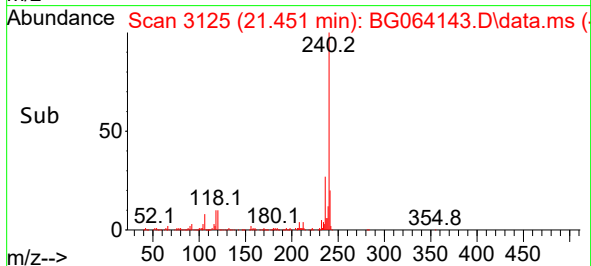
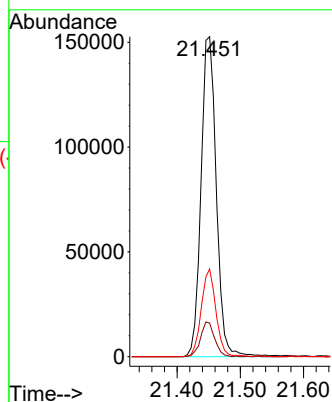
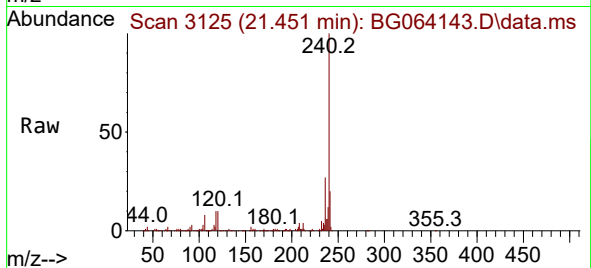
Tgt Ion:240 Resp: 255840

Ion Ratio Lower Upper

240 100

120 10.5 7.2 10.8

236 27.4 20.2 30.2



#77

Benzidine

Concen: 7.280 ng

RT: 19.842 min Scan# 2851

Delta R.T. 0.379 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

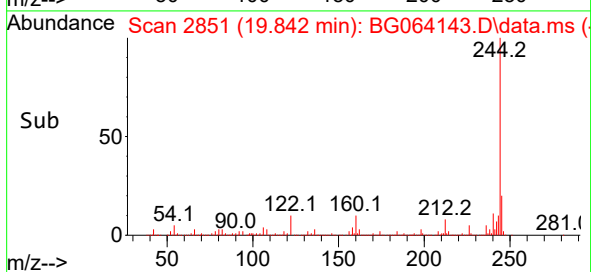
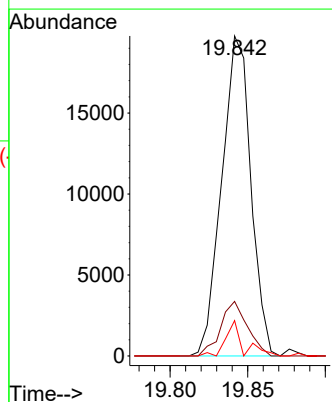
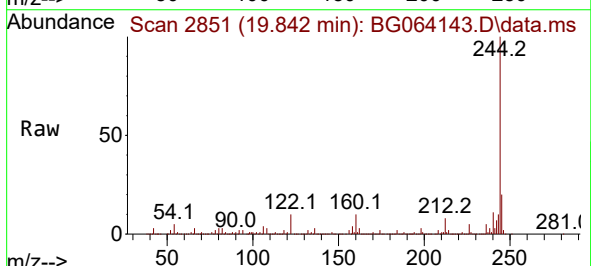
Tgt Ion:184 Resp: 25791

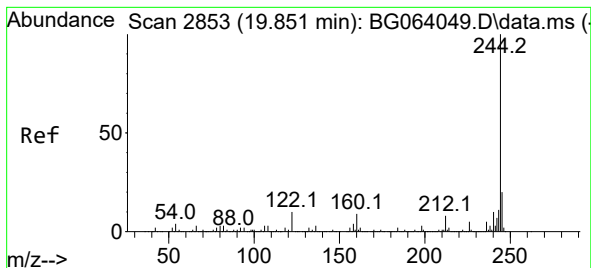
Ion Ratio Lower Upper

184 100

185 17.1 11.3 16.9#

183 11.0 9.5 14.3





#79

Terphenyl-d14

Concen: 103.778 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01

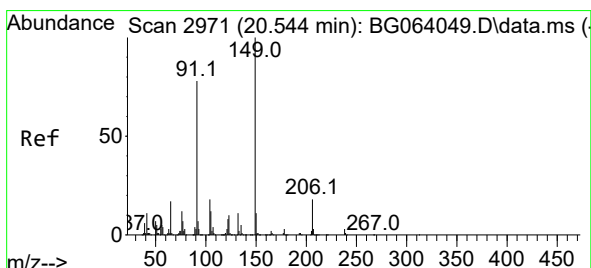
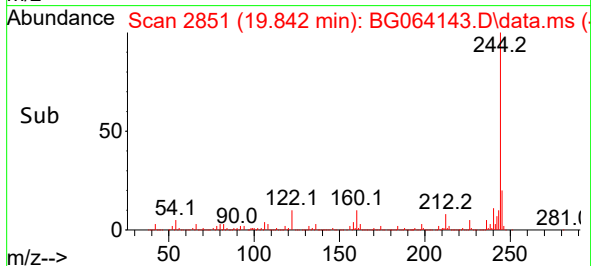
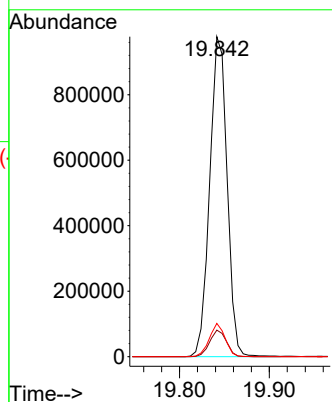
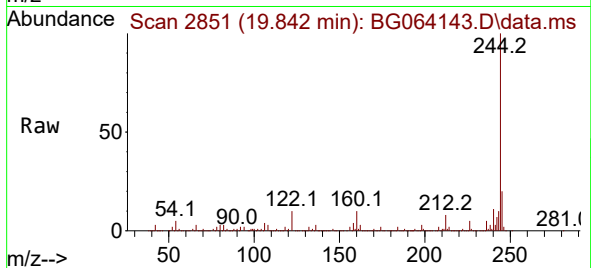
Tgt Ion:244 Resp: 1313084

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

122 10.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.646 ng

RT: 20.523 min Scan# 2967

Delta R.T. -0.021 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

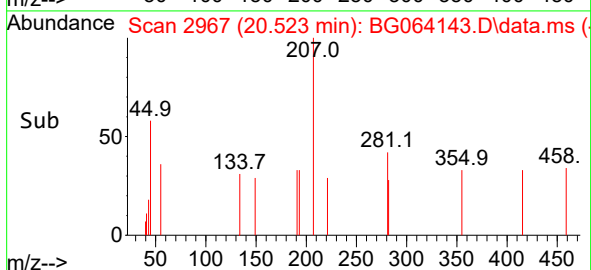
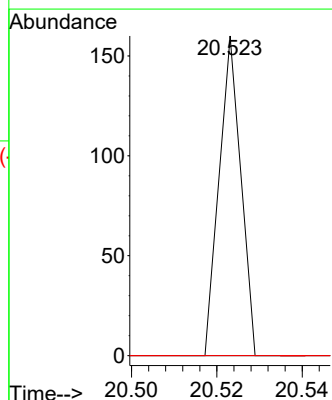
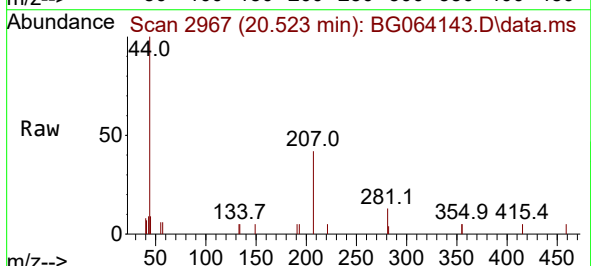
Tgt Ion:149 Resp: 56

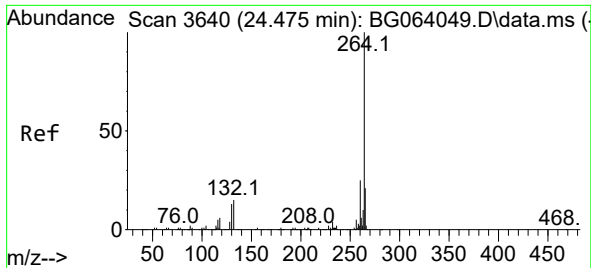
Ion Ratio Lower Upper

149 100

91 0.0 62.0 93.0#

206 0.0 14.6 21.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG064143.D

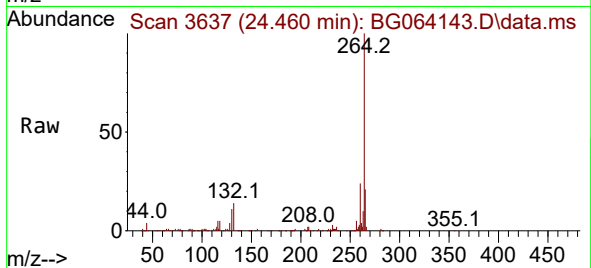
Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01



Tgt Ion:264 Resp: 278315

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.4 16.6 25.0

