

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064076.D
 Acq On : 10 Mar 2025 11:24
 Operator : RC/JU
 Sample : PB167020TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167020TB

Quant Time: Mar 10 13:01:39 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)

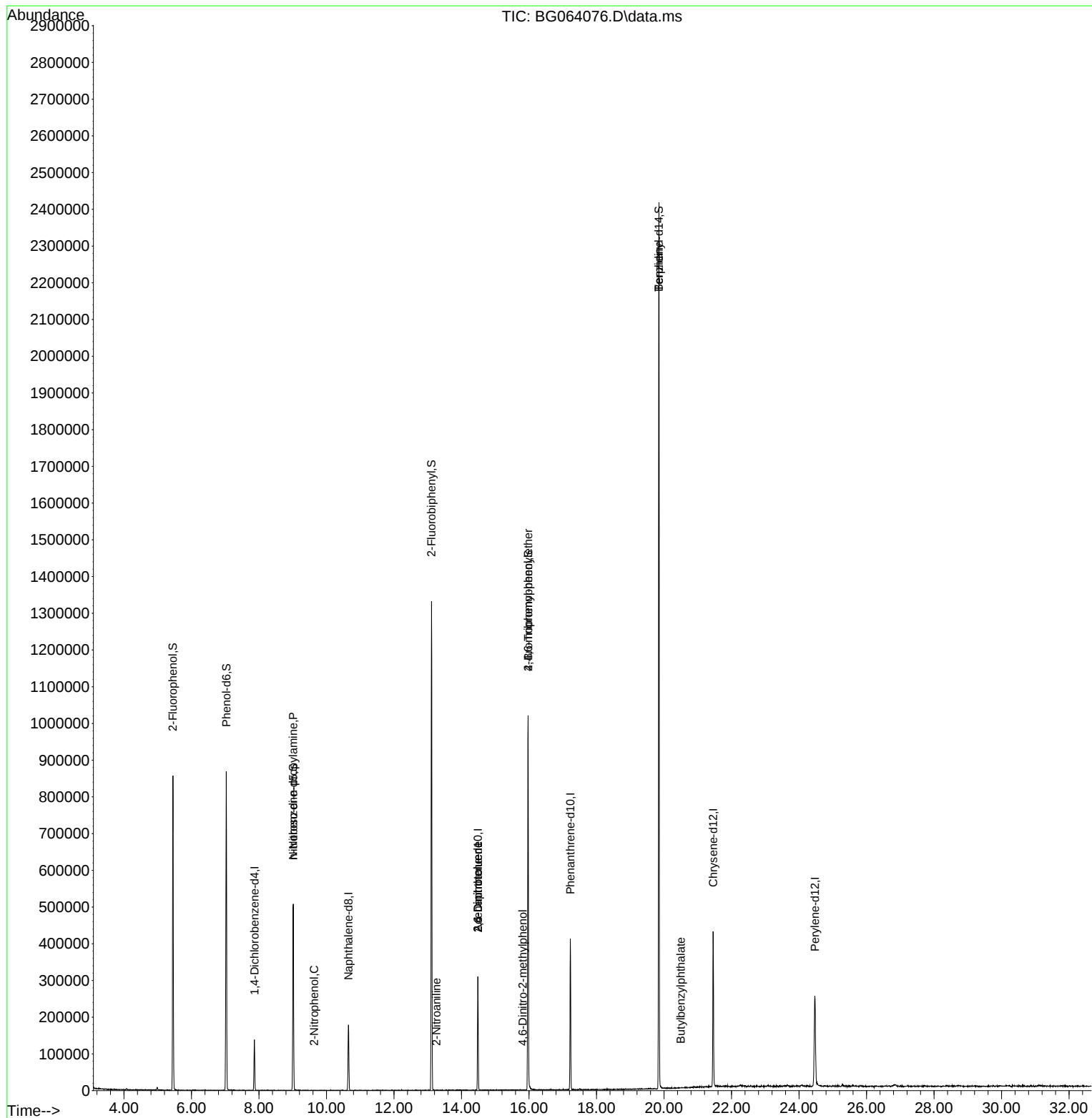
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	33773	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	143930	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	102383	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231933	20.000	ng	0.00
76) Chrysene-d12	21.454	240	231627	20.000	ng	0.00
86) Perylene-d12	24.468	264	250695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	311735	144.126	ng	0.00
7) Phenol-d6	7.030	99	409825	139.281	ng	0.00
23) Nitrobenzene-d5	9.016	82	264974	101.737	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	168851	148.368	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	640087	94.896	ng	0.00
79) Terphenyl-d14	19.850	244	1171504	102.267	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.016	70	37547	18.183	ng	# 72
26) 2-Nitrophenol	9.633	139	53	3.346	ng	# 26
48) 2-Nitroaniline	13.258	65	55	3.245	ng	# 11
51) 2,6-Dinitrotoluene	14.486	165	13663	11.645	ng	# 19
57) 2,4-Dinitrotoluene	14.486	165	13663	9.613	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.814	198	66	8.233	ng	# 30
67) 4-Bromophenyl-phenylether	15.972	248	11964	5.037	ng	# 1
77) Benzidine	19.850	184	20807	6.487	ng	# 83
80) Butylbenzylphthalate	20.496	149	65	3.648	ng	# 20

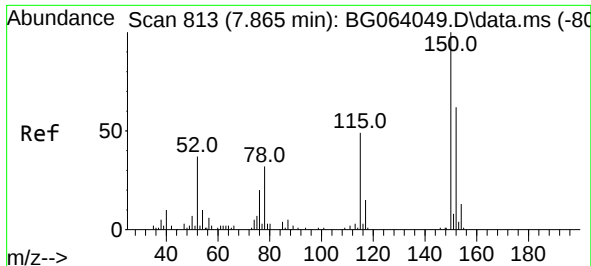
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
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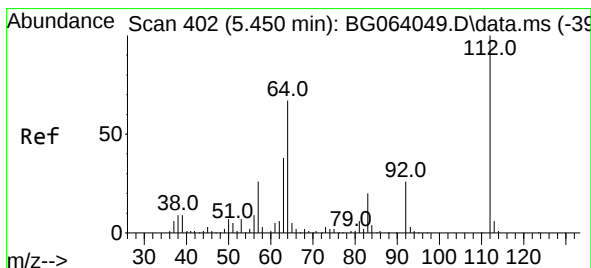
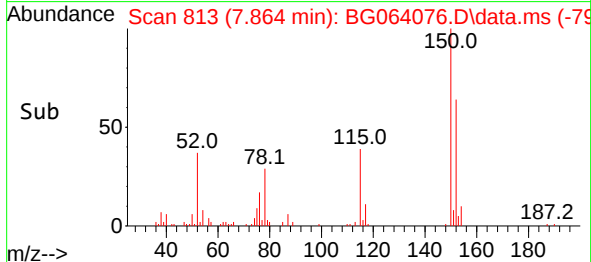
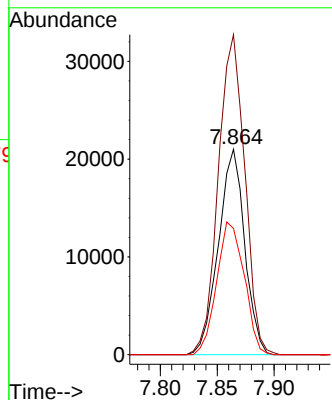
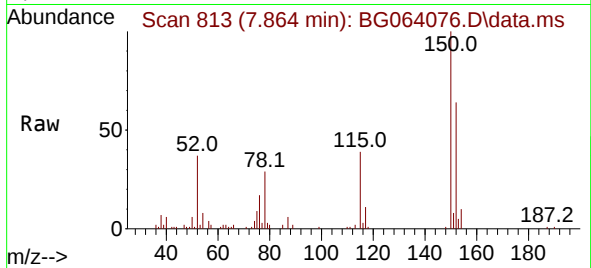




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

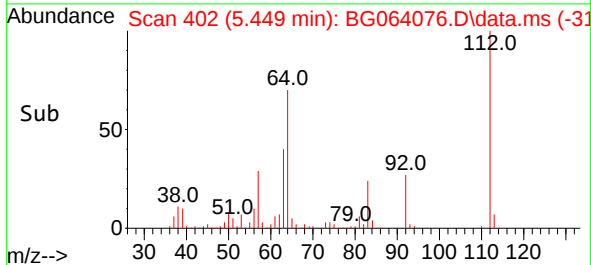
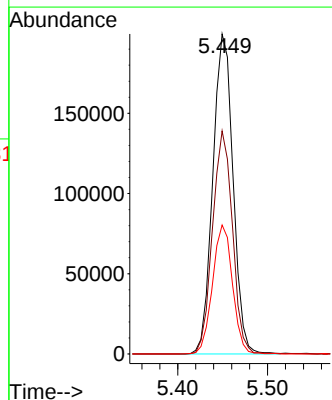
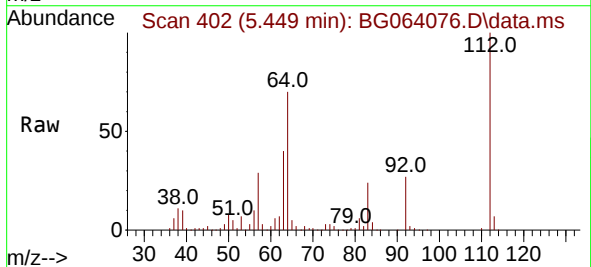
Instrument :
BNA_G
ClientSampleId :
PB167020TB

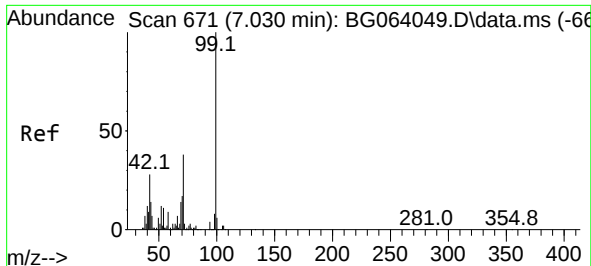
Tgt Ion:152 Resp: 33773
Ion Ratio Lower Upper
152 100
150 155.8 129.2 193.8
115 61.5 63.0 94.6#



#5
2-Fluorophenol
Concen: 144.126 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:112 Resp: 311735
Ion Ratio Lower Upper
112 100
64 69.7 53.7 80.5
63 40.3 30.2 45.4

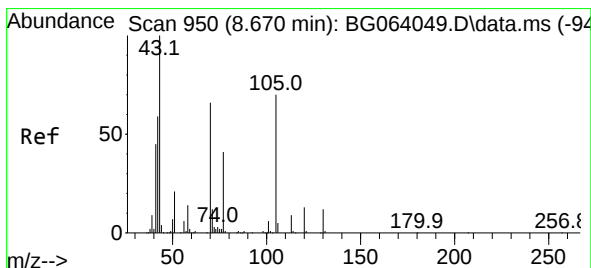
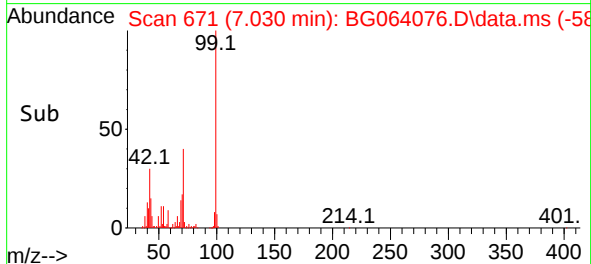
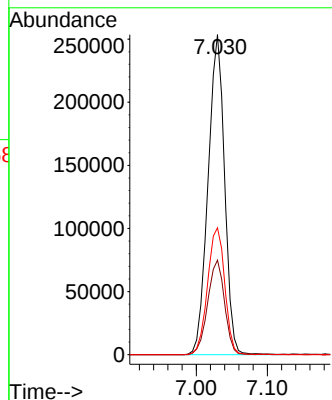
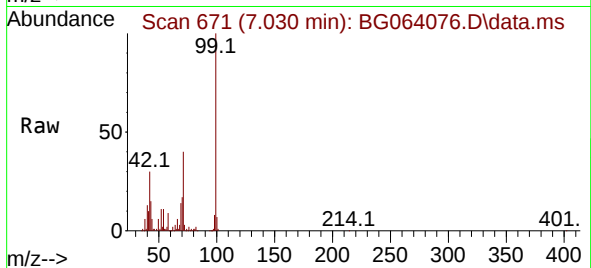




#7
Phenol-d6
Concen: 139.281 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

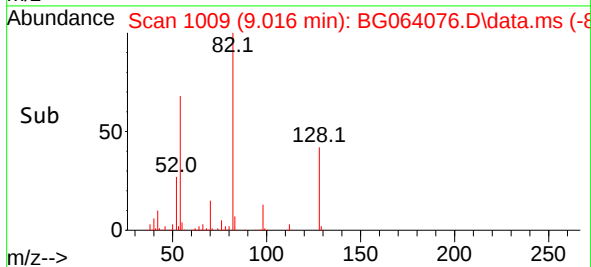
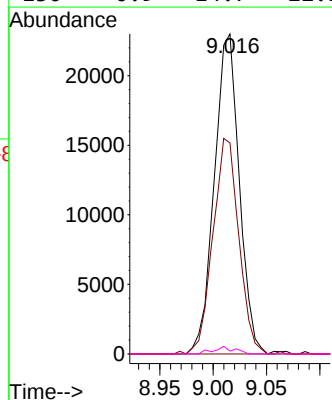
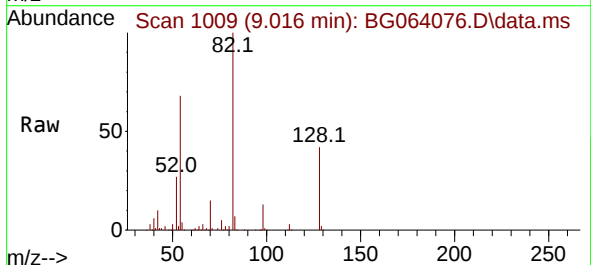
Instrument :
BNA_G
ClientSampleId :
PB167020TB

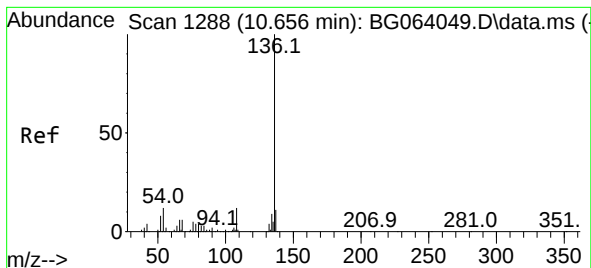
Tgt Ion: 99 Resp: 409825
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 39.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.183 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.346 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion: 70 Resp: 37547
Ion Ratio Lower Upper
70 100
42 65.9 72.1 108.1#
101 0.0 7.2 10.8#
130 0.9 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

Instrument :

BNA_G

ClientSampleId :

PB167020TB

Tgt Ion:136 Resp: 143930

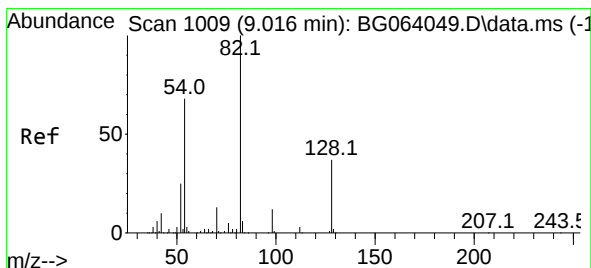
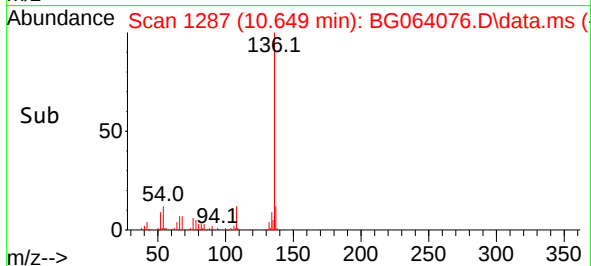
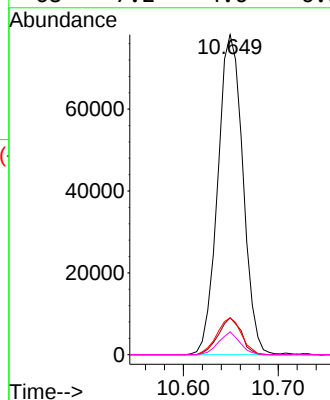
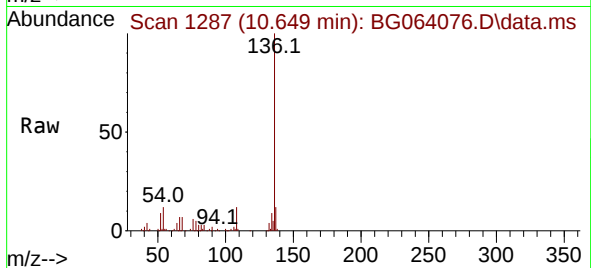
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 11.5 9.9 14.9

68 7.2 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 101.737 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

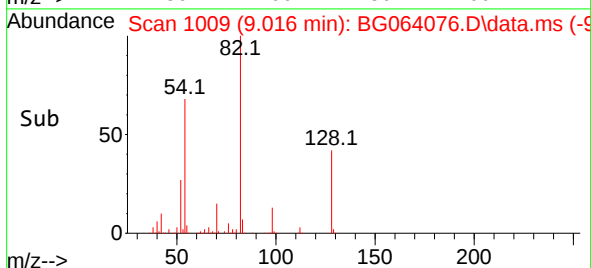
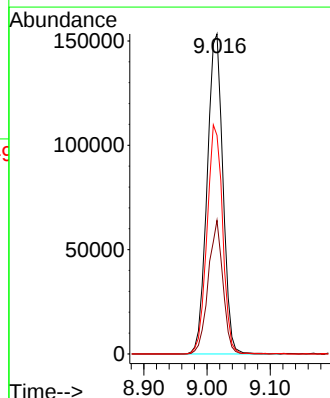
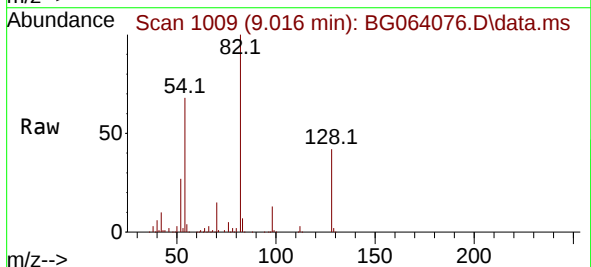
Tgt Ion: 82 Resp: 264974

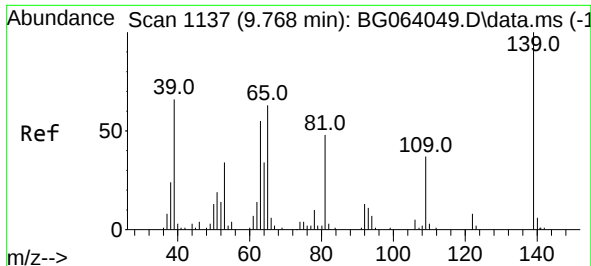
Ion Ratio Lower Upper

82 100

128 41.8 30.0 45.0

54 68.3 54.7 82.1

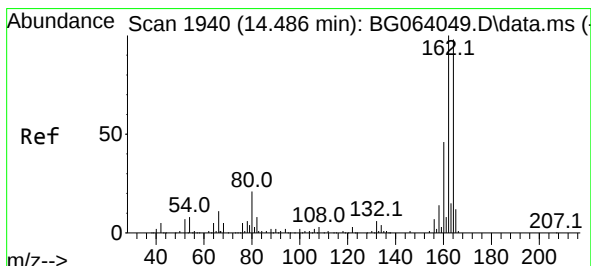
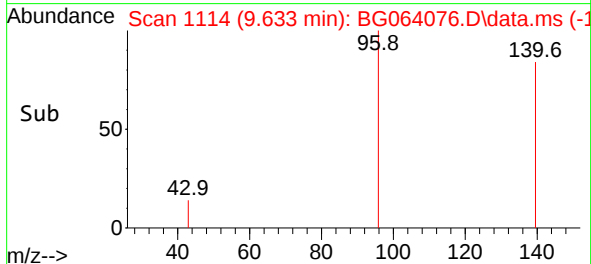
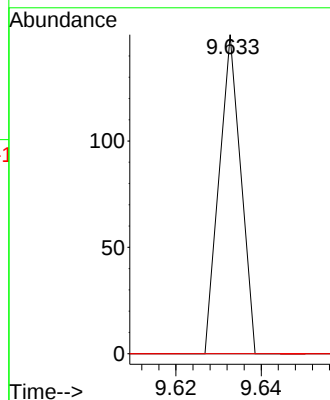
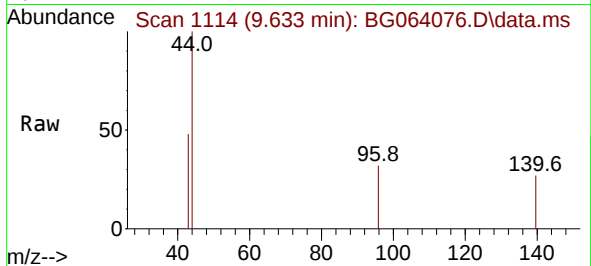




#26
2-Nitrophenol
Concen: 3.346 ng
RT: 9.633 min Scan# 1137
Delta R.T. -0.135 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

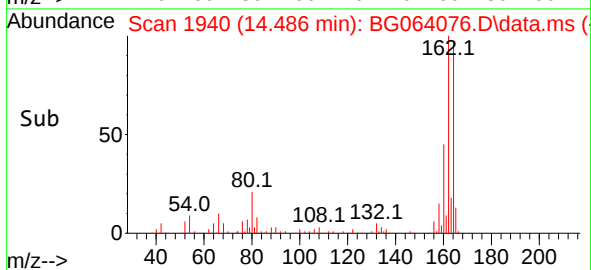
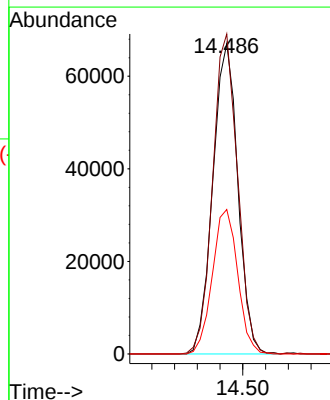
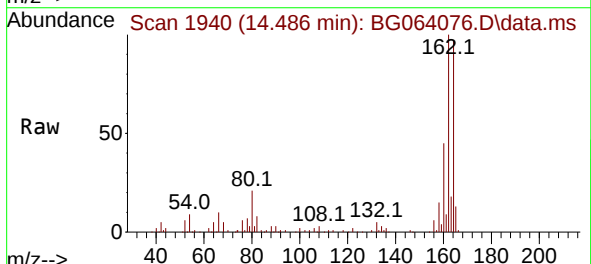
Instrument :
BNA_G
ClientSampleId :
PB167020TB

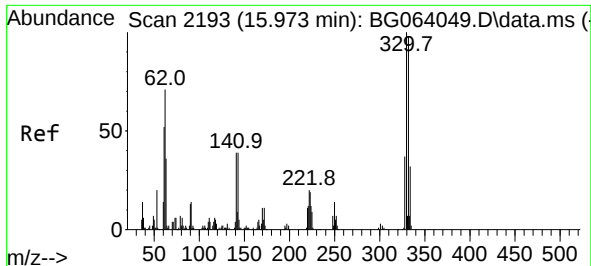
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:164 Resp: 102383
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 46.6 37.0 55.6

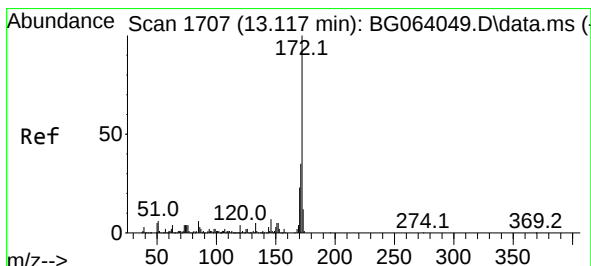
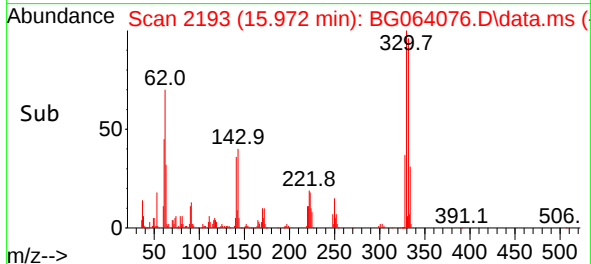
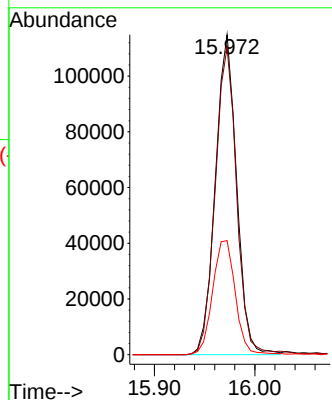
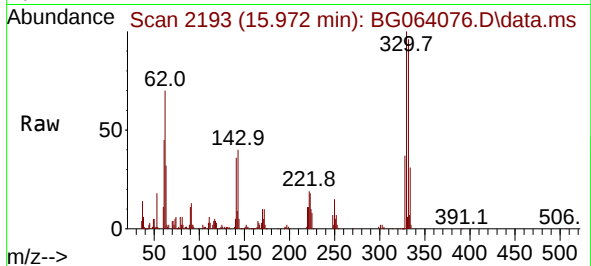




#42
2,4,6-Tribromophenol
Concen: 148.368 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

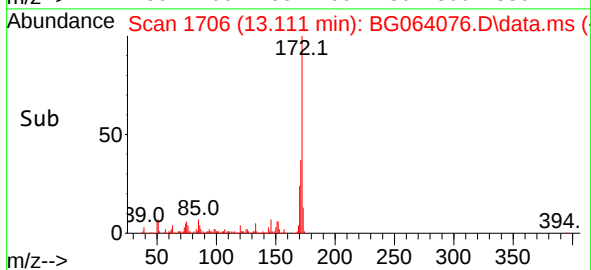
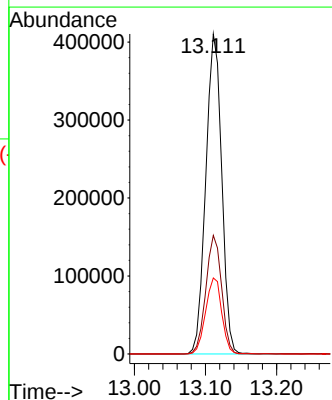
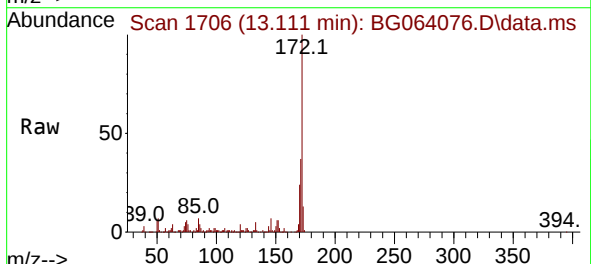
Instrument :
BNA_G
ClientSampleId :
PB167020TB

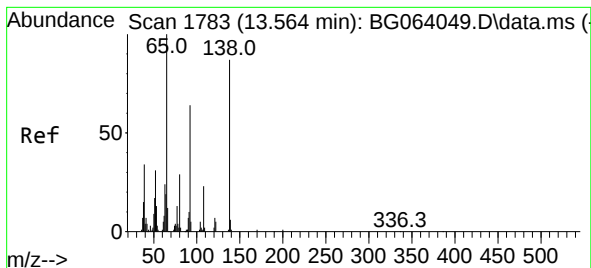
Tgt Ion:330 Resp: 168851
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 94.896 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:172 Resp: 640087
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 23.7 18.7 28.1

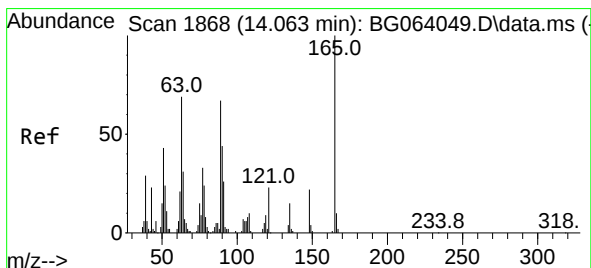
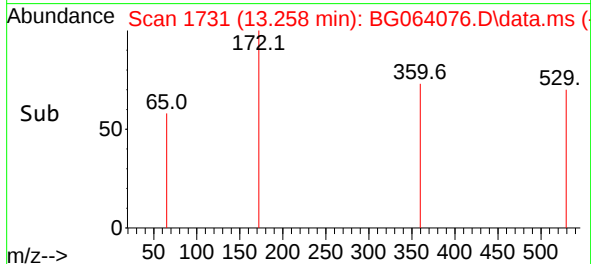
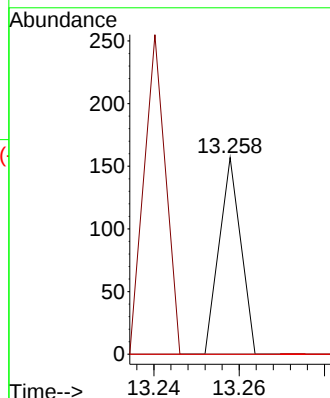
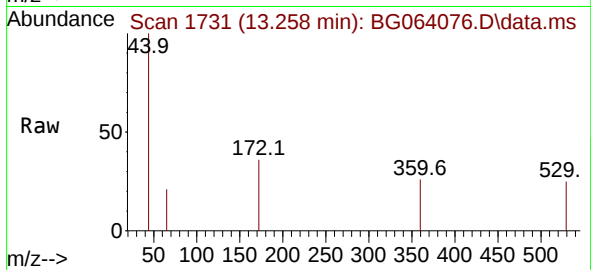




#48
2-Nitroaniline
Concen: 3.245 ng
RT: 13.258 min Scan# 11
Delta R.T. -0.306 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

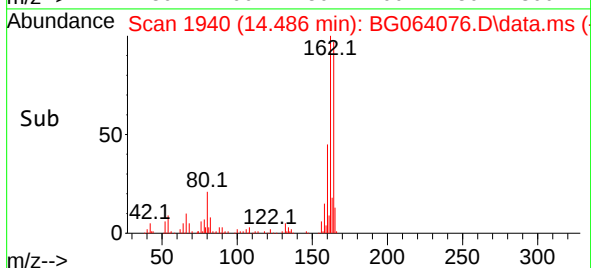
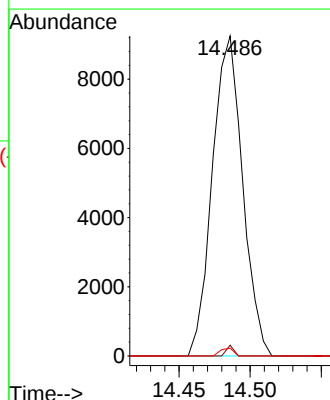
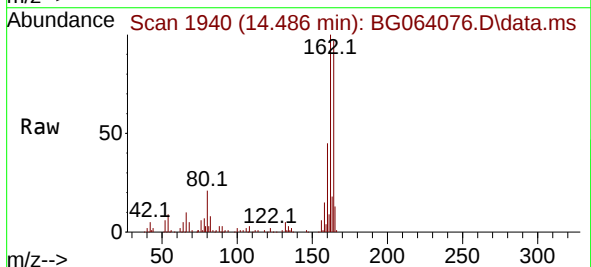
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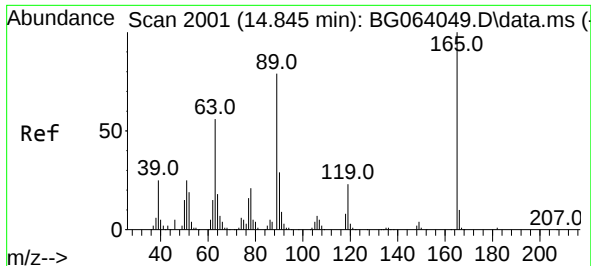
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 11.645 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

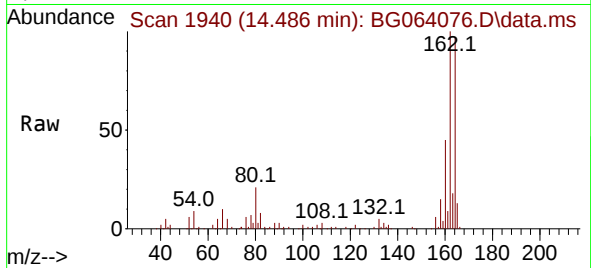
Tgt Ion: 165 Resp: 13663
Ion Ratio Lower Upper
165 100
63 3.3 56.7 85.1#
89 2.4 53.7 80.5#



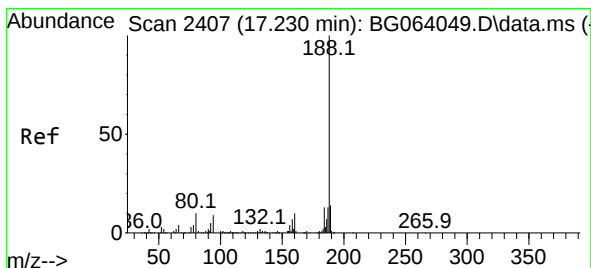
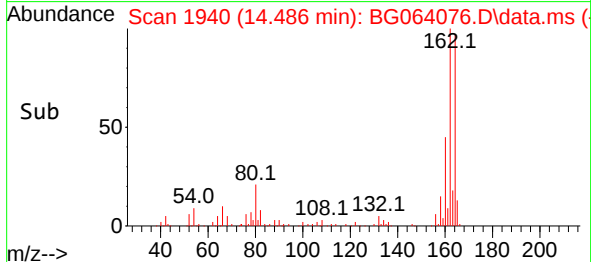
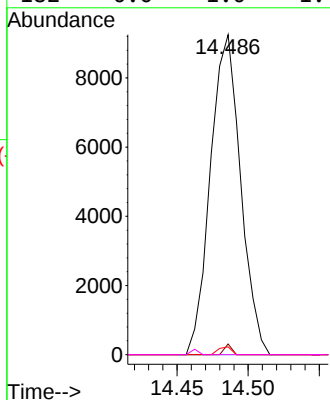


#57
2,4-Dinitrotoluene
Concen: 9.613 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.359 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Instrument :
BNA_G
ClientSampleId :
PB167020TB

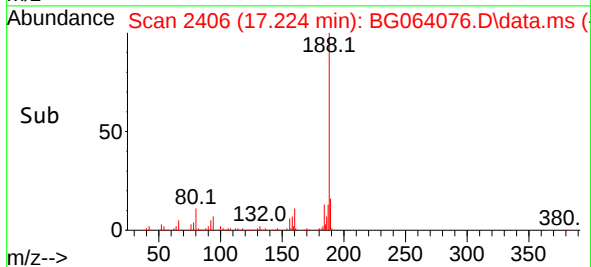
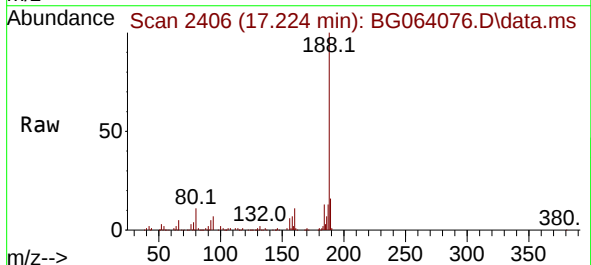
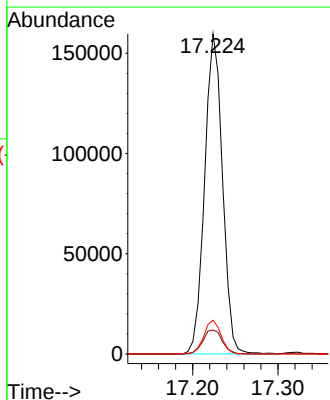


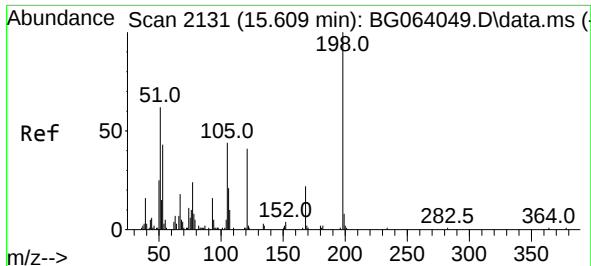
Tgt Ion:	165	Resp:	13663
Ion Ratio	Lower	Upper	
165	100		
63	3.3	45.0	67.6#
89	2.4	63.1	94.7#
182	0.0	1.0	1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:	188	Resp:	231933
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.9	10.3
80	10.5	8.1	12.1

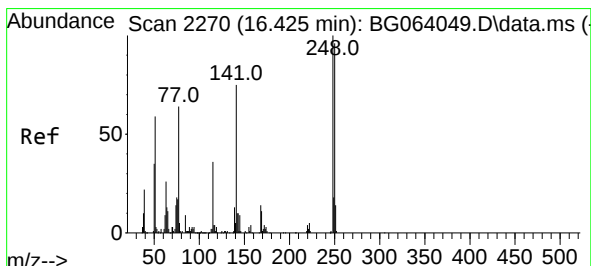
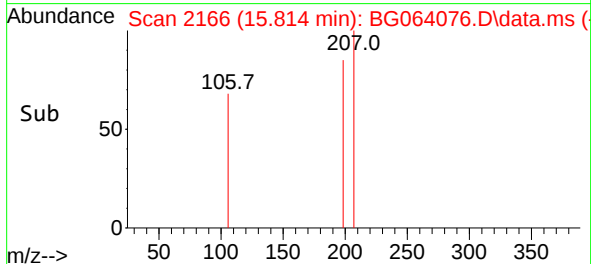
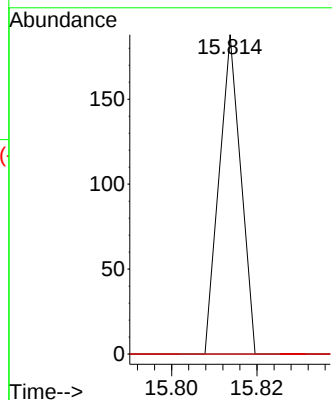
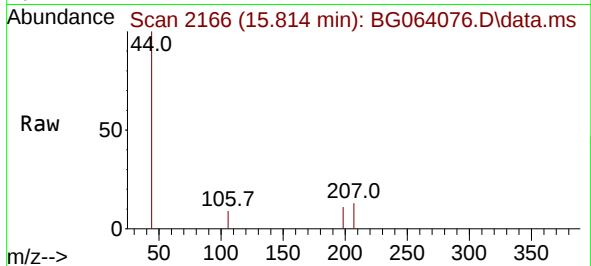




#65
4,6-Dinitro-2-methylphenol
Concen: 8.233 ng
RT: 15.814 min Scan# 2119
Delta R.T. 0.205 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

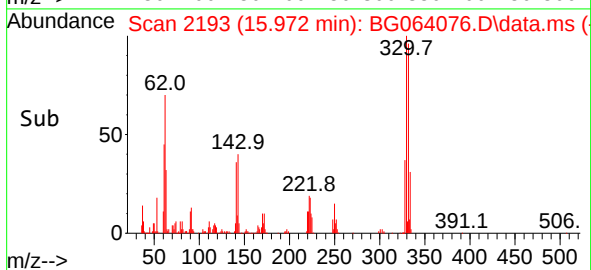
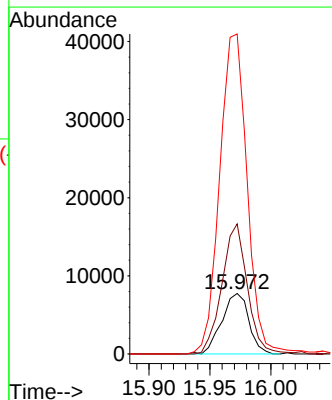
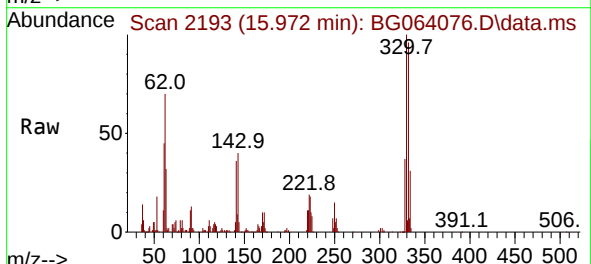
Instrument :
BNA_G
ClientSampleId :
PB167020TB

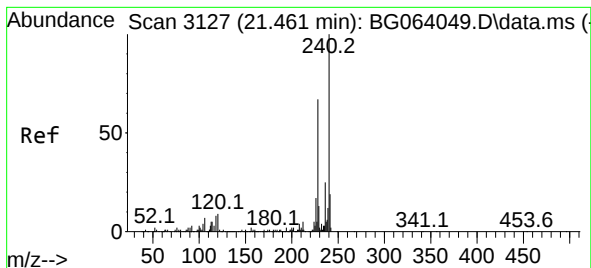
Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 79.8 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.037 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:248 Resp: 11964
Ion Ratio Lower Upper
248 100
250 215.1 77.1 115.7#
141 528.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

Instrument :

BNA_G

ClientSampleId :

PB167020TB

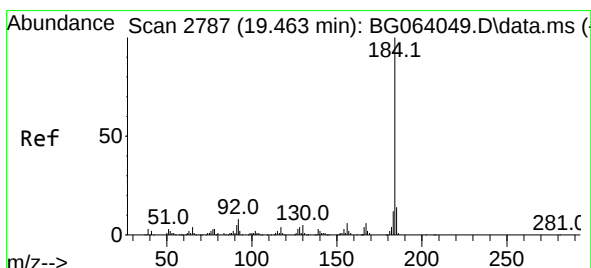
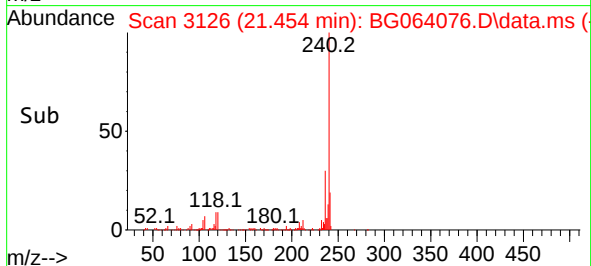
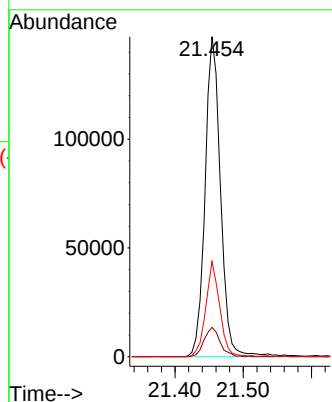
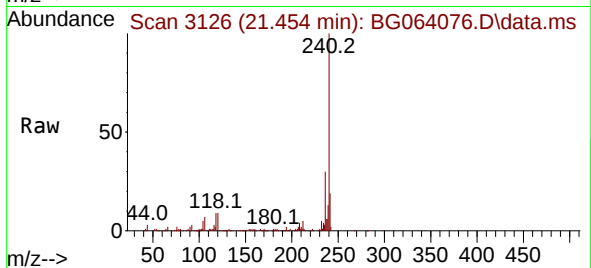
Tgt Ion:240 Resp: 231627

Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 29.7 20.2 30.2



#77

Benzidine

Concen: 6.487 ng

RT: 19.850 min Scan# 2853

Delta R.T. 0.387 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

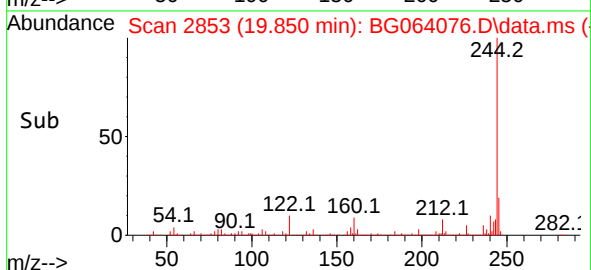
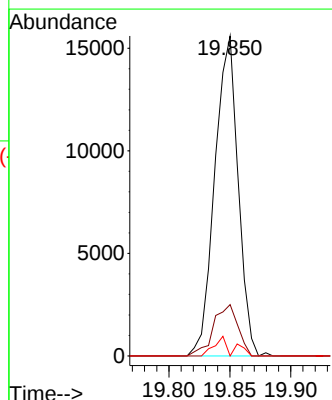
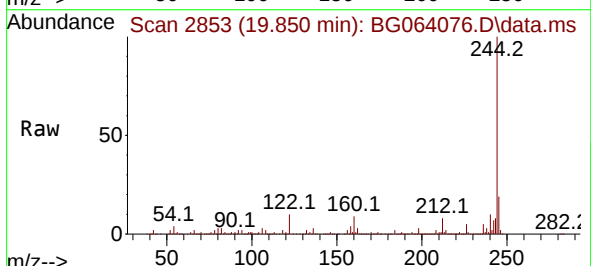
Tgt Ion:184 Resp: 20807

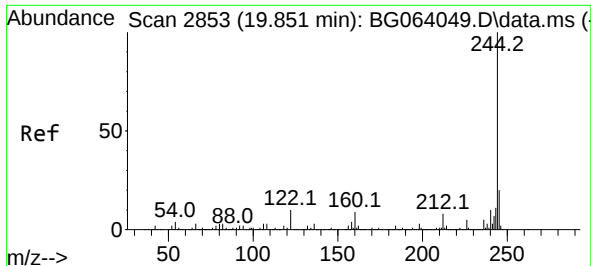
Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

183 0.0 9.5 14.3#

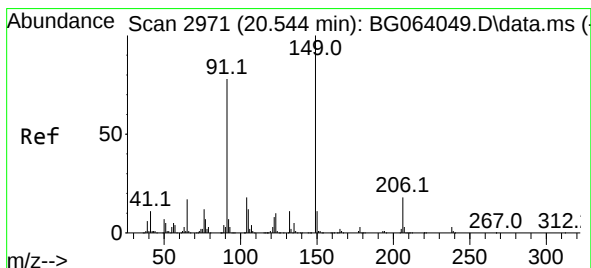
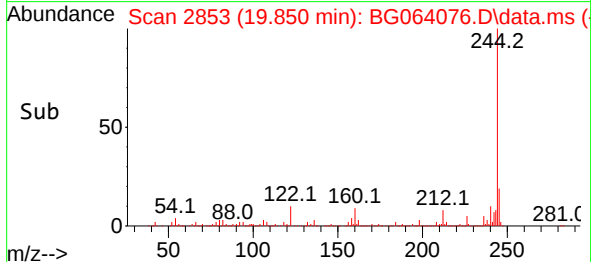
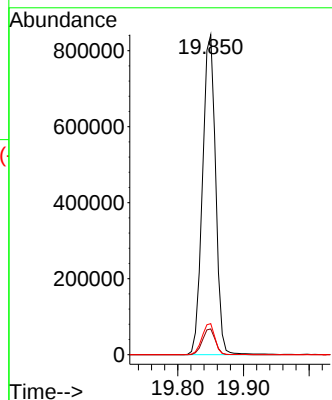
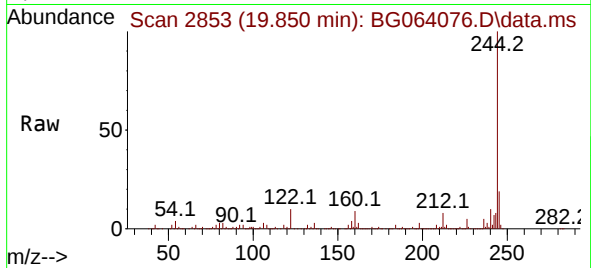




#79
 Terphenyl-d14
 Concen: 102.267 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064076.D
 Acq: 10 Mar 2025 11:24

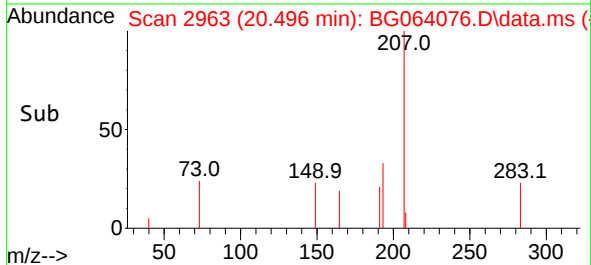
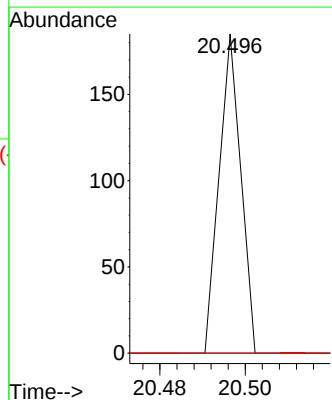
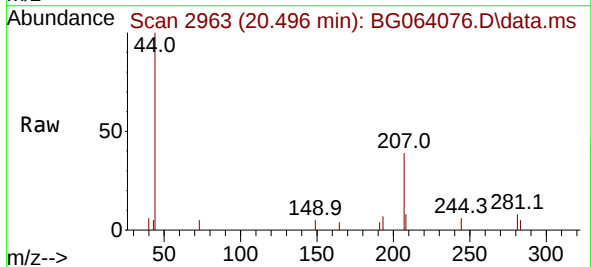
Instrument :
 BNA_G
 ClientSampleId :
 PB167020TB

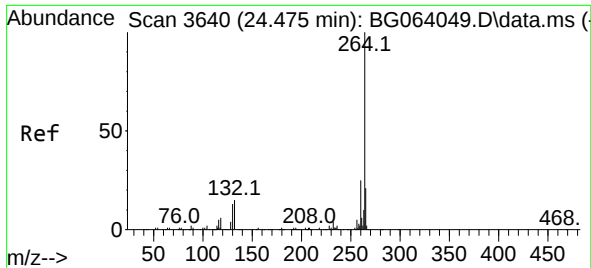
Tgt Ion:244 Resp: 1171504
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.648 ng
 RT: 20.496 min Scan# 2963
 Delta R.T. -0.048 min
 Lab File: BG064076.D
 Acq: 10 Mar 2025 11:24

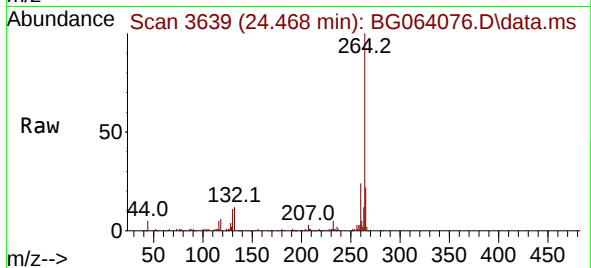
Tgt Ion:149 Resp: 65
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG064076.D
 Acq: 10 Mar 2025 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PB167020TB



Tgt Ion:264 Resp: 250695

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.4	16.6	25.0

