

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064131.D
 Acq On : 1 Apr 2025 12:19
 Operator : RC/JU
 Sample : PB167373TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167373TB

Quant Time: Apr 01 12:57:45 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)

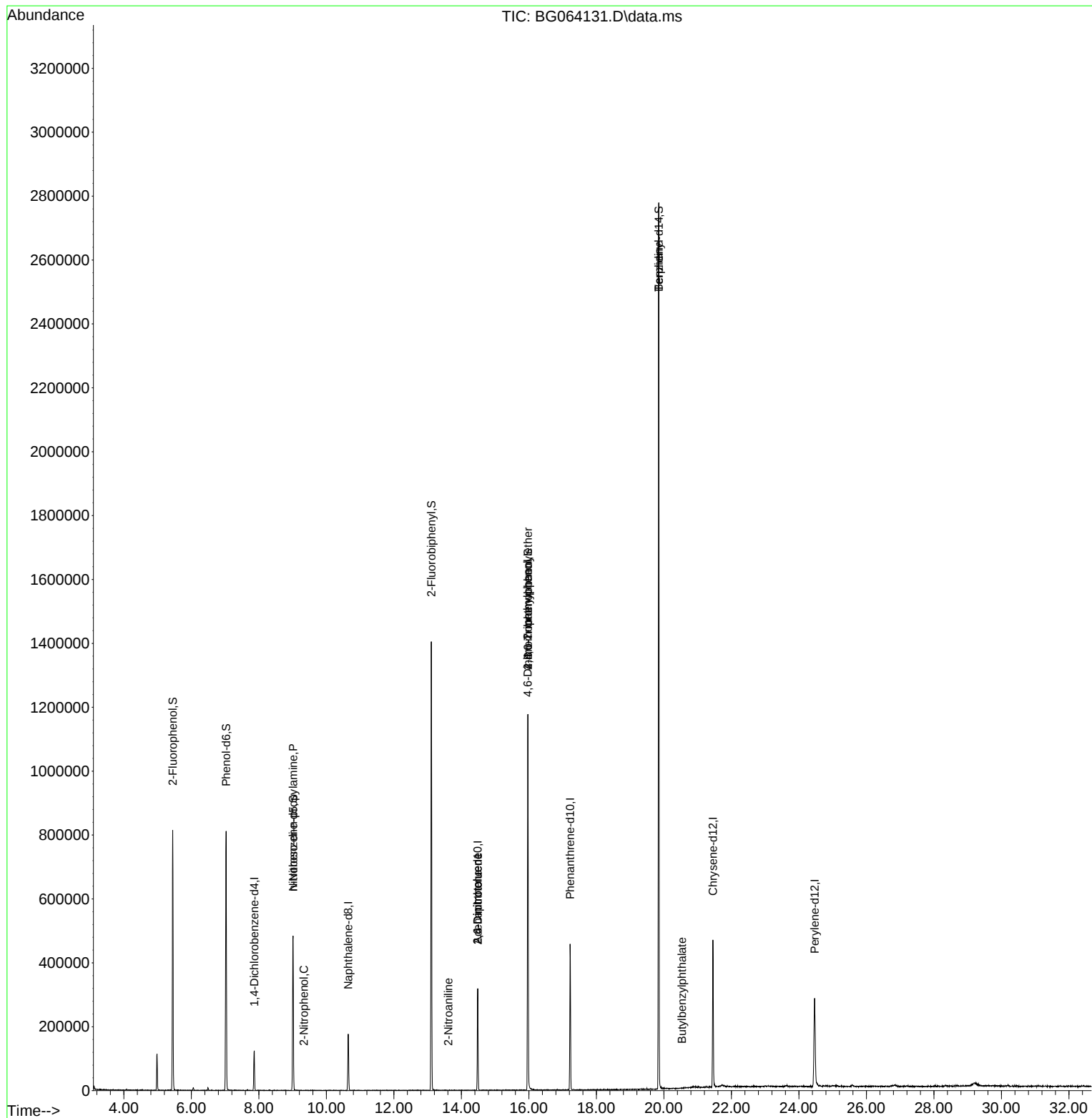
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	29447	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	135773	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	106059	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	262359	20.000	ng	0.00
76) Chrysene-d12	21.452	240	259692	20.000	ng	0.00
86) Perylene-d12	24.466	264	279042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	292726	155.220	ng	0.00
7) Phenol-d6	7.027	99	382804	149.210	ng	0.00
23) Nitrobenzene-d5	9.013	82	253251	103.077	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	199862	169.530	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	661157	94.623	ng	0.00
79) Terphenyl-d14	19.848	244	1291373	100.548	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.013	70	35593	19.768	ng	# 71
26) 2-Nitrophenol	9.336	139	59	3.357	ng	# 26
48) 2-Nitroaniline	13.614	65	73	3.254	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	14938	12.104	ng	# 18
57) 2,4-Dinitrotoluene	14.483	165	14938	9.944	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.964	198	880	8.823	ng	# 1
67) 4-Bromophenyl-phenylether	15.970	248	13834	5.148	ng	# 1
77) Benzidine	19.848	184	24439	6.796	ng	# 83
80) Butylbenzylphthalate	20.535	149	193	3.666	ng	# 89

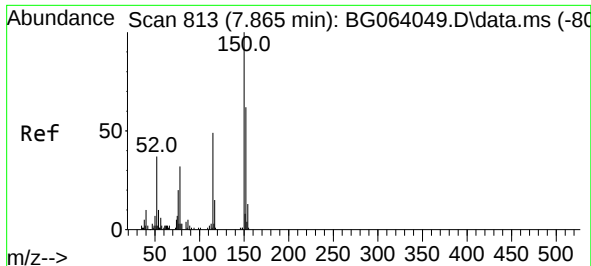
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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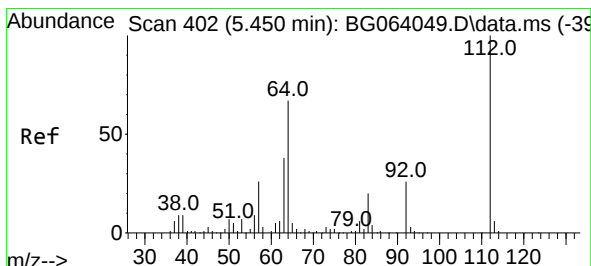
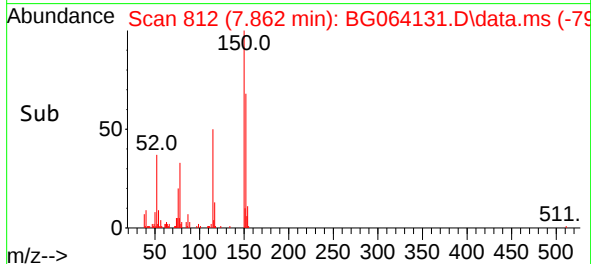
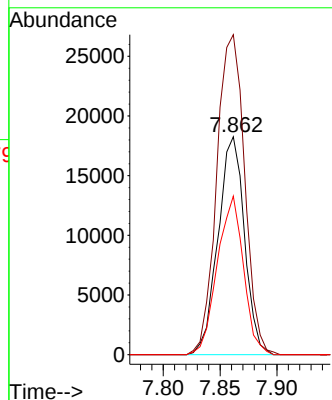
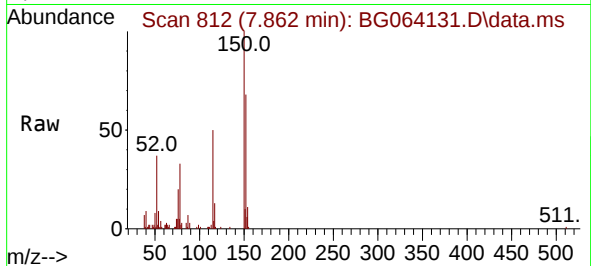




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

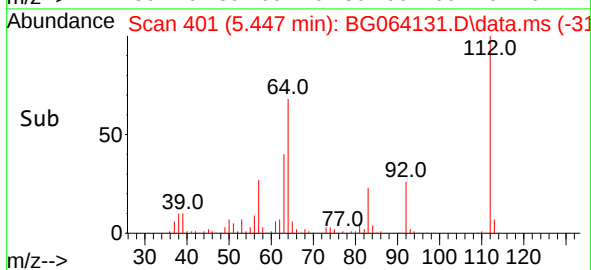
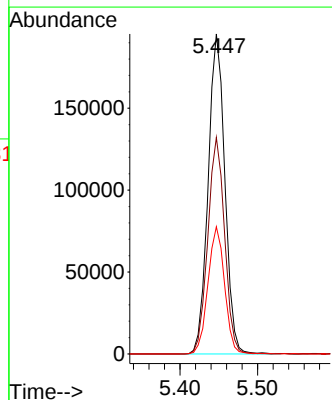
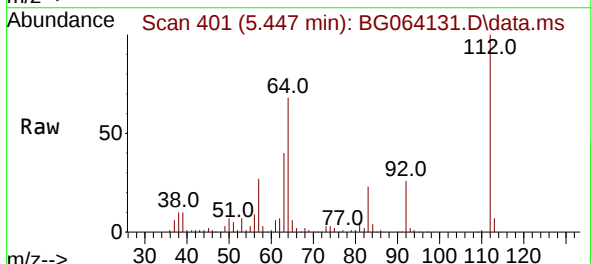
Instrument :
BNA_G
ClientSampleId :
PB167373TB

Tgt Ion:152 Resp: 29447
Ion Ratio Lower Upper
152 100
150 146.8 129.2 193.8
115 72.7 63.0 94.6



#5
2-Fluorophenol
Concen: 155.220 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:112 Resp: 292726
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 39.8 30.2 45.4

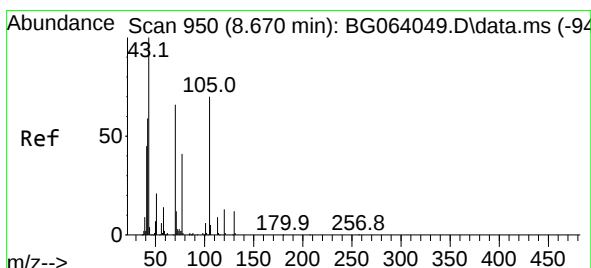
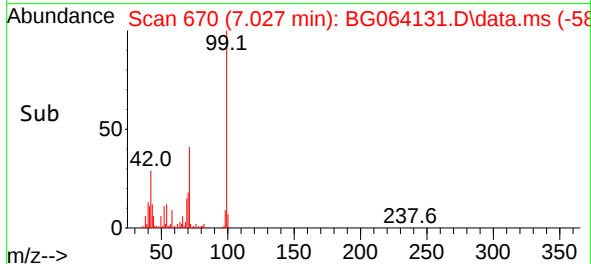
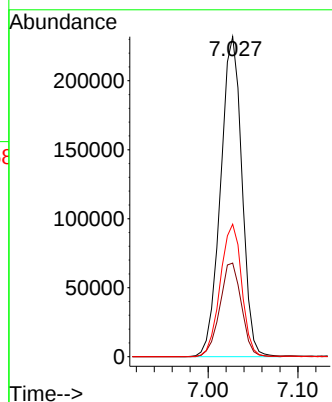
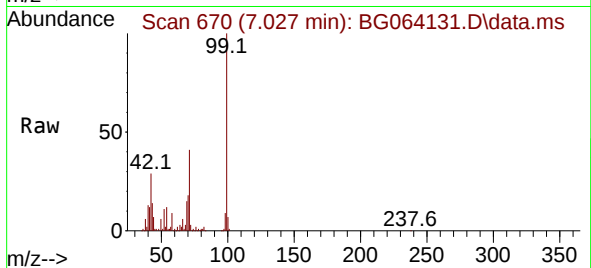




#7
Phenol-d6
Concen: 149.210 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

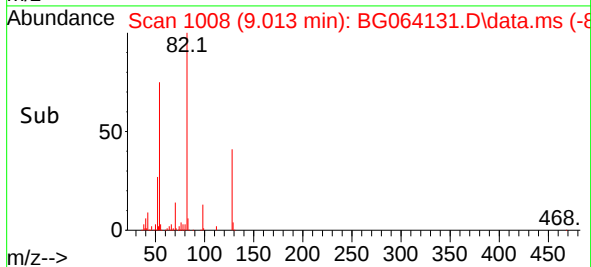
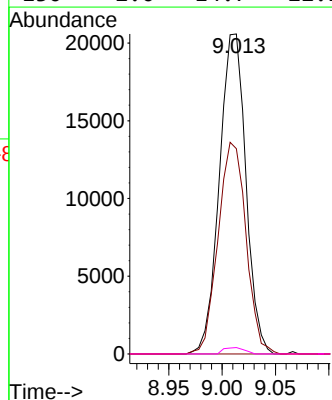
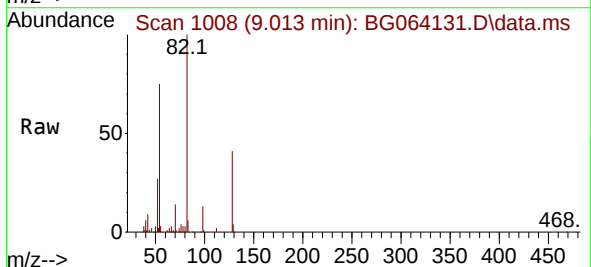
Instrument :
BNA_G
ClientSampleId :
PB167373TB

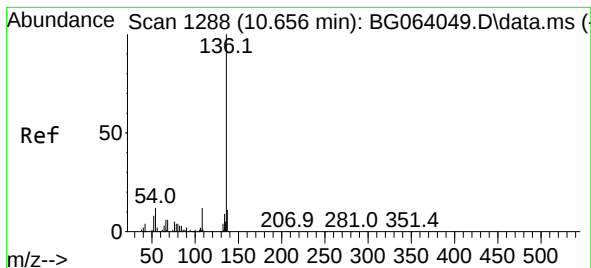
Tgt Ion: 99 Resp: 382804
Ion Ratio Lower Upper
99 100
42 29.2 22.7 34.1
71 41.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.768 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.344 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion: 70 Resp: 35593
Ion Ratio Lower Upper
70 100
42 64.2 72.1 108.1#
101 0.0 7.2 10.8#
130 2.0 14.7 22.1#

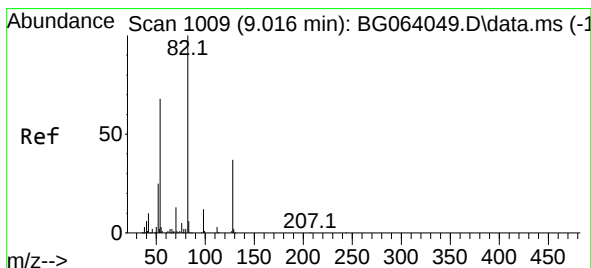
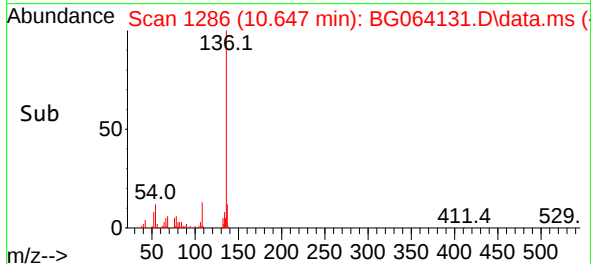
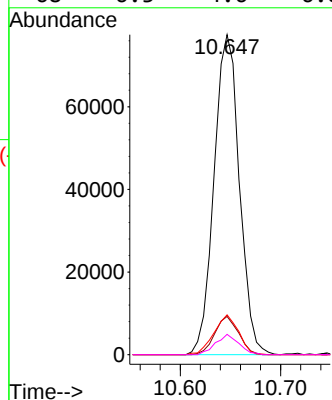
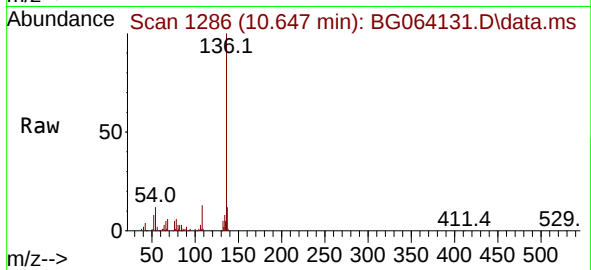




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

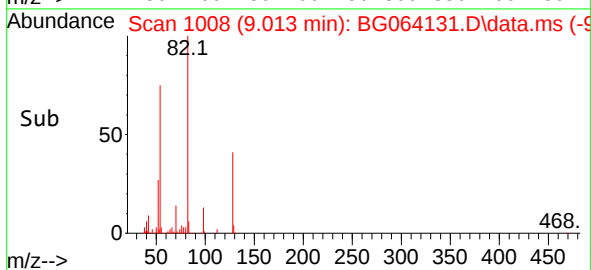
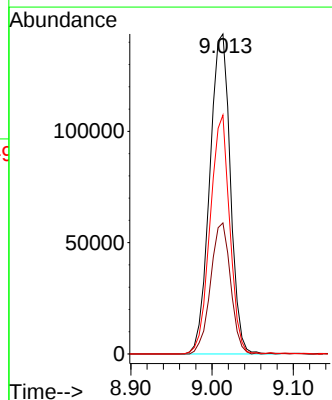
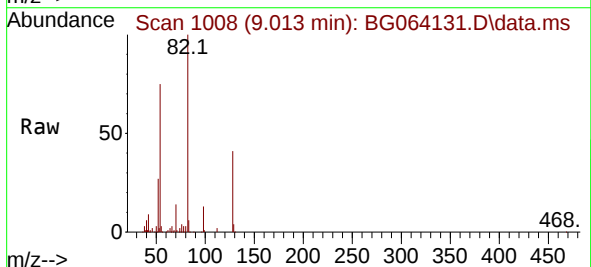
Instrument :
BNA_G
ClientSampleId :
PB167373TB

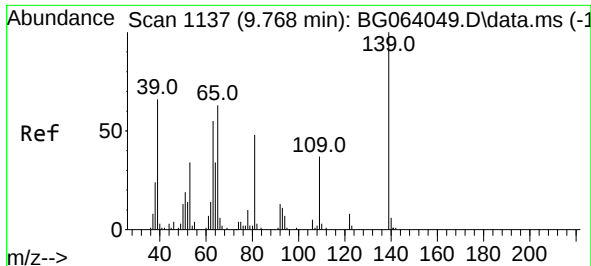
Tgt Ion:136 Resp: 135773
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 12.4 9.9 14.9
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 103.077 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion: 82 Resp: 253251
Ion Ratio Lower Upper
82 100
128 41.0 30.0 45.0
54 74.7 54.7 82.1

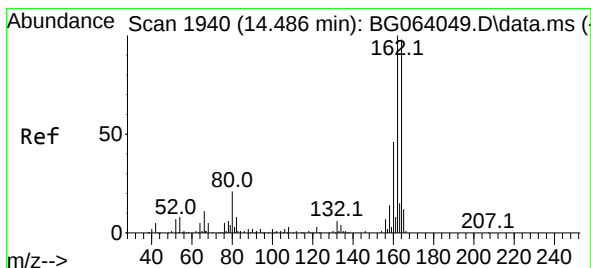
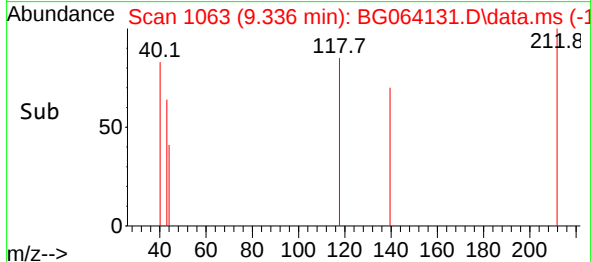
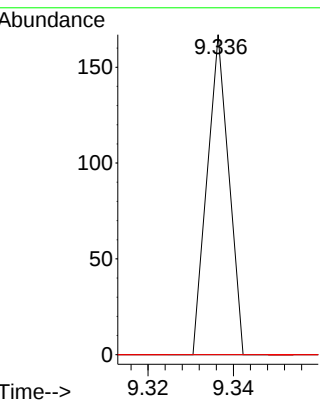
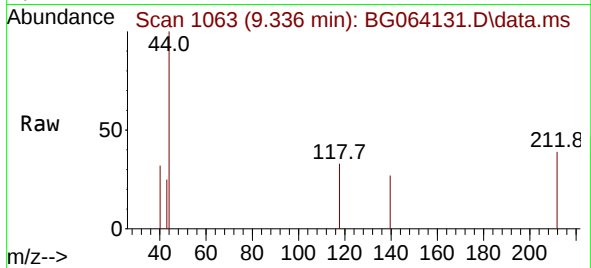




#26
2-Nitrophenol
Concen: 3.357 ng
RT: 9.336 min Scan# 1063
Delta R.T. -0.432 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

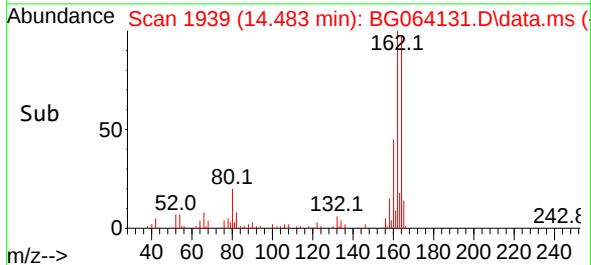
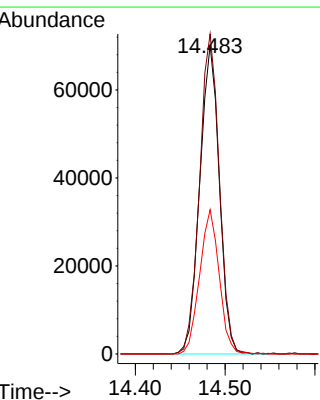
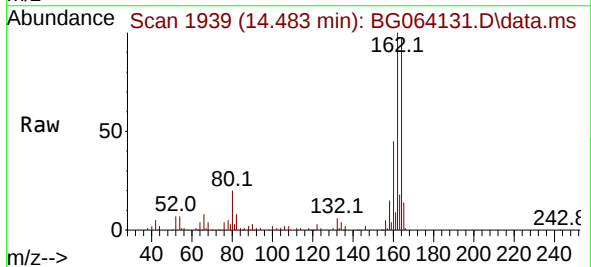
Instrument :
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ClientSampleId :
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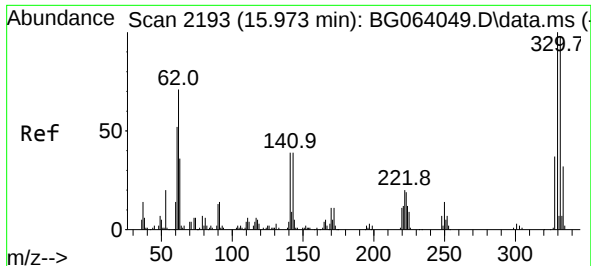
Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

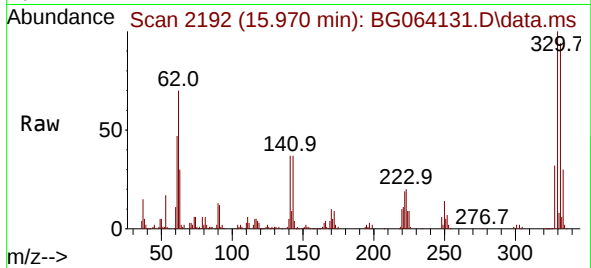
Tgt Ion:164 Resp: 106059
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 46.7 37.0 55.6



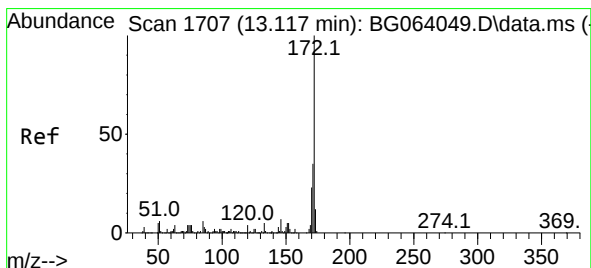
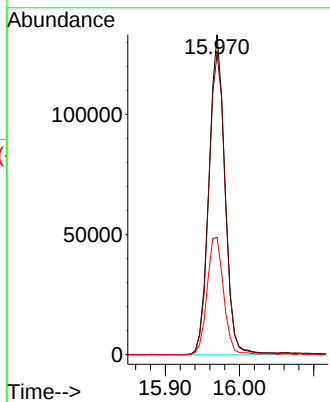
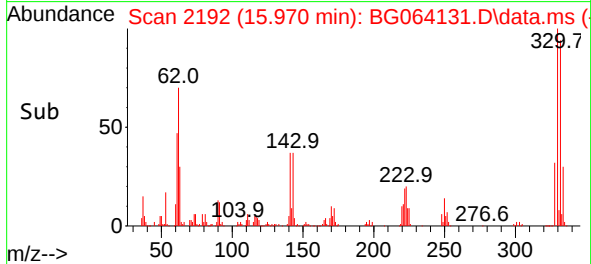


#42
2,4,6-Tribromophenol
Concen: 169.530 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Instrument :
BNA_G
ClientSampleId :
PB167373TB

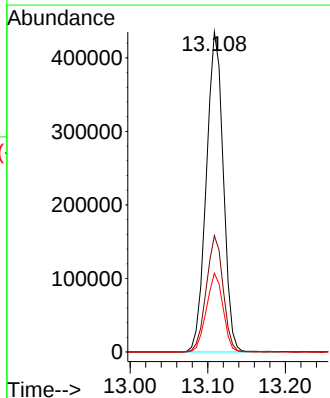
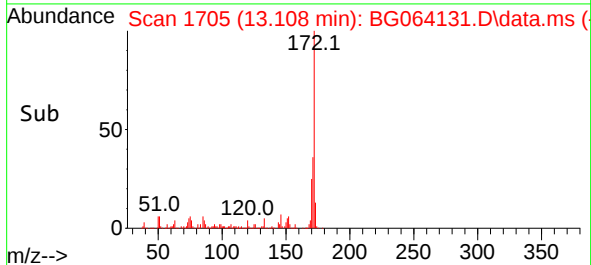
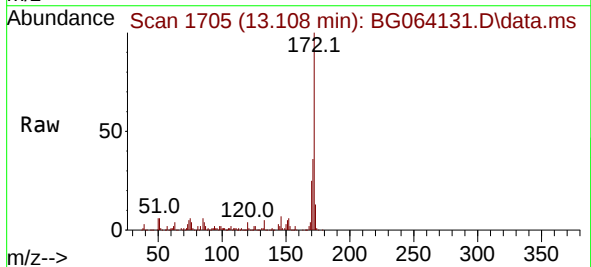


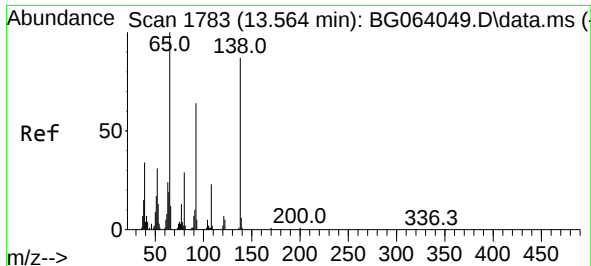
Tgt Ion:330 Resp: 199862
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 37.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 94.623 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:172 Resp: 661157
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 24.6 18.7 28.1

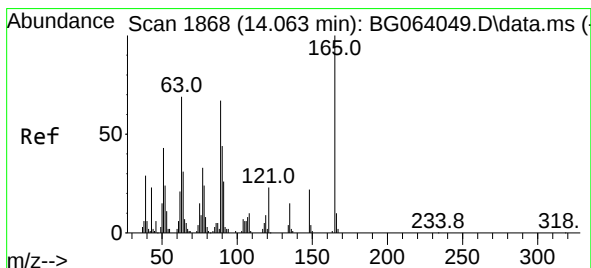
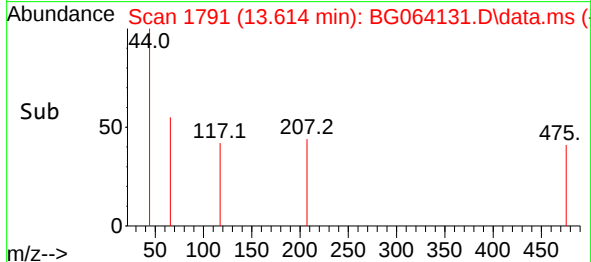
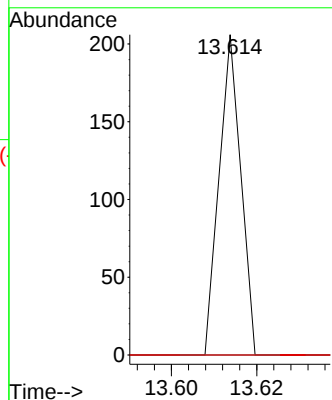
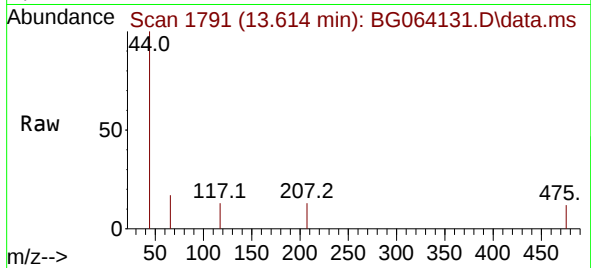




#48
2-Nitroaniline
Concen: 3.254 ng
RT: 13.614 min Scan# 11
Delta R.T. 0.050 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

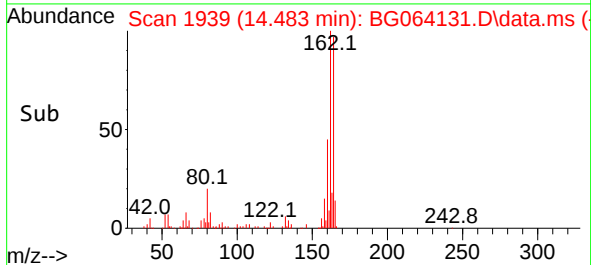
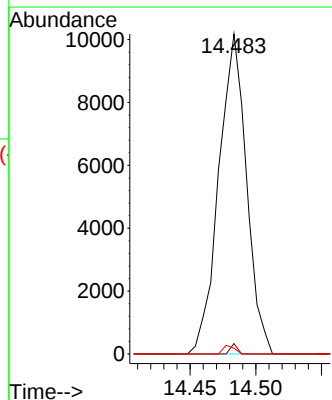
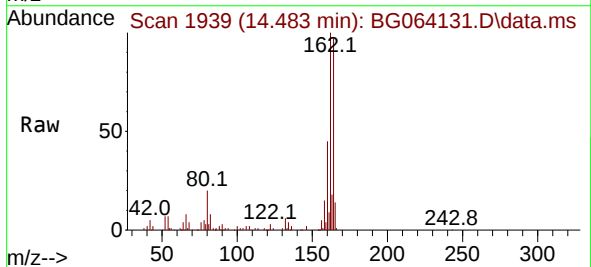
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ClientSampleId :
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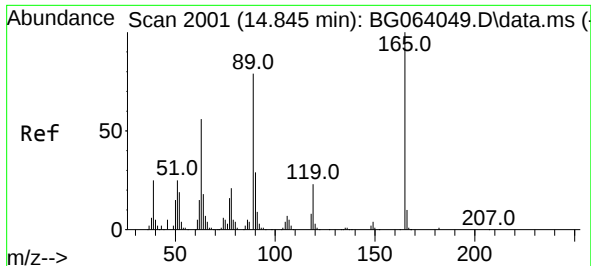
Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.104 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

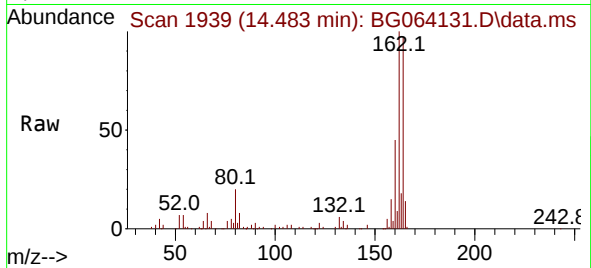
Tgt Ion:165 Resp: 14938
Ion Ratio Lower Upper
165 100
63 3.3 56.7 85.1#
89 1.8 53.7 80.5#



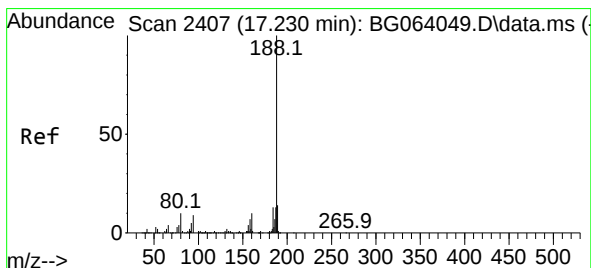
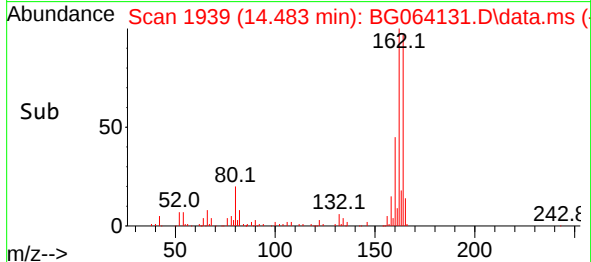
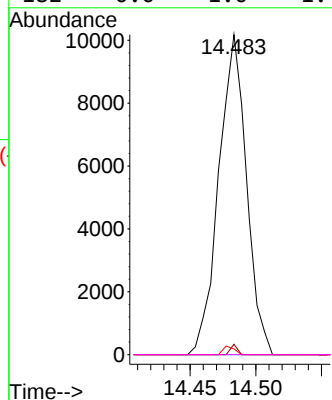


#57
2,4-Dinitrotoluene
Concen: 9.944 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.362 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Instrument :
BNA_G
ClientSampleId :
PB167373TB

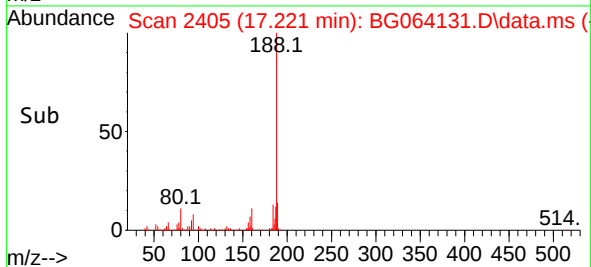
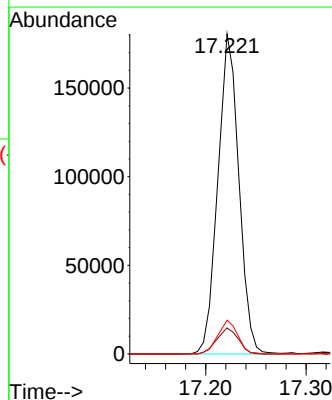
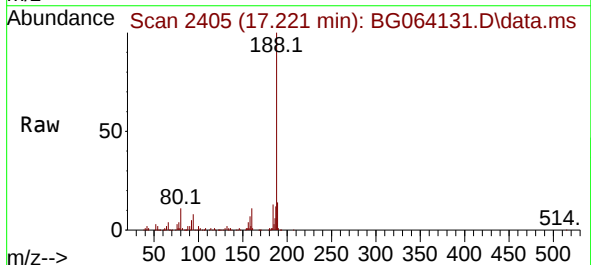


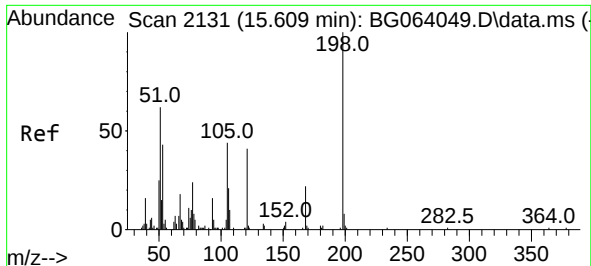
Tgt Ion:165 Resp: 14938
Ion Ratio Lower Upper
165 100
63 3.3 45.0 67.6#
89 1.8 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:188 Resp: 262359
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.6 8.1 12.1

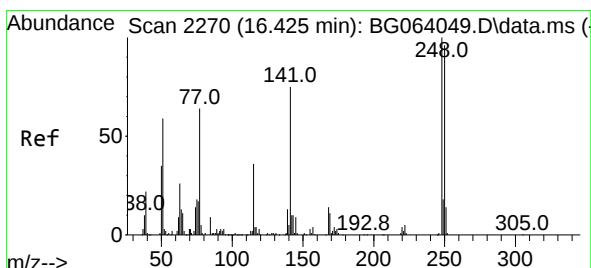
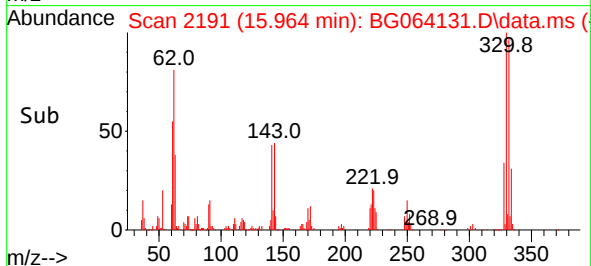
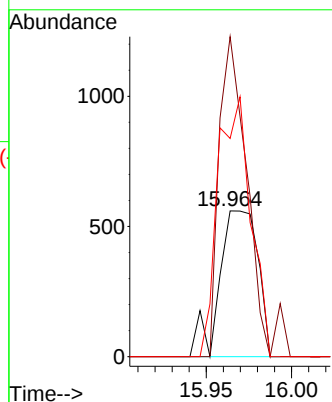
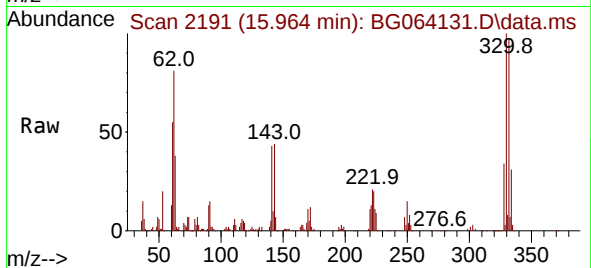




#65
4,6-Dinitro-2-methylphenol
Concen: 8.823 ng
RT: 15.964 min Scan# 2131
Delta R.T. 0.355 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

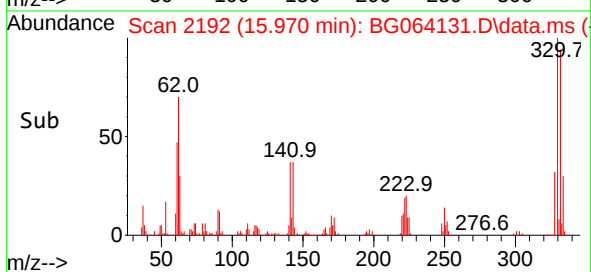
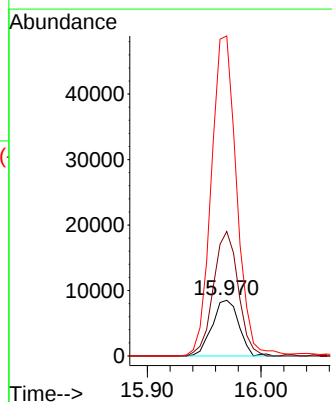
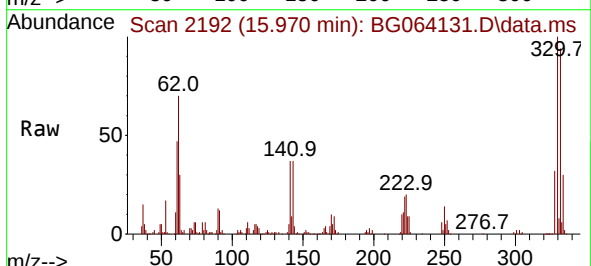
Instrument :
BNA_G
ClientSampleId :
PB167373TB

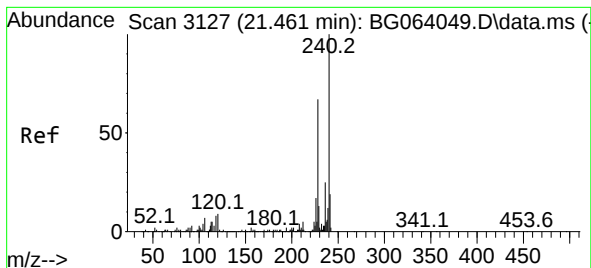
Tgt Ion:198 Resp: 880
Ion Ratio Lower Upper
198 100
51 219.5 45.6 85.6#
105 149.6 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.148 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.455 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:248 Resp: 13834
Ion Ratio Lower Upper
248 100
250 223.3 77.1 115.7#
141 574.2 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.452 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064131.D

Acq: 1 Apr 2025 12:19

Instrument :

BNA_G

ClientSampleId :

PB167373TB

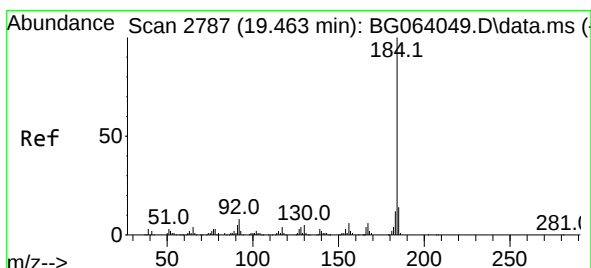
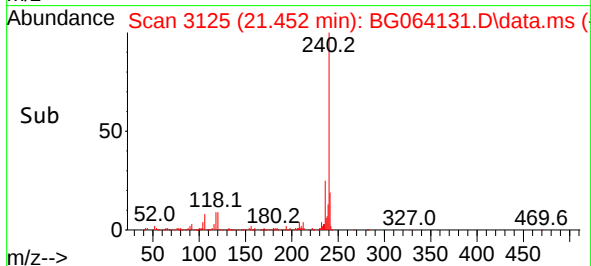
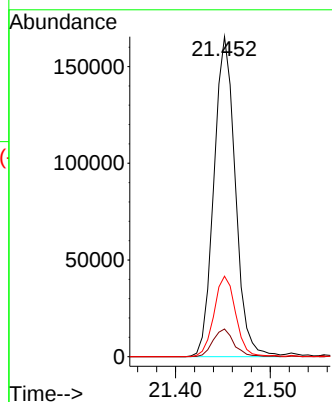
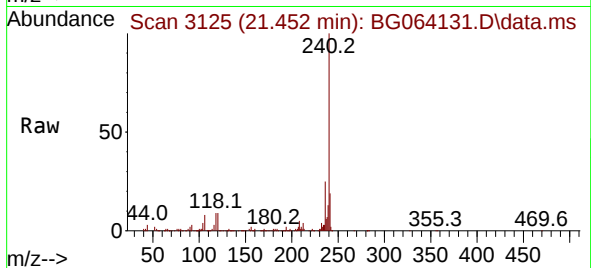
Tgt Ion:240 Resp: 259692

Ion Ratio Lower Upper

240 100

120 8.6 7.2 10.8

236 25.2 20.2 30.2



#77

Benidine

Concen: 6.796 ng

RT: 19.848 min Scan# 2852

Delta R.T. 0.385 min

Lab File: BG064131.D

Acq: 1 Apr 2025 12:19

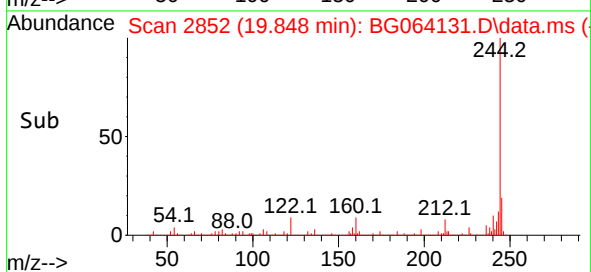
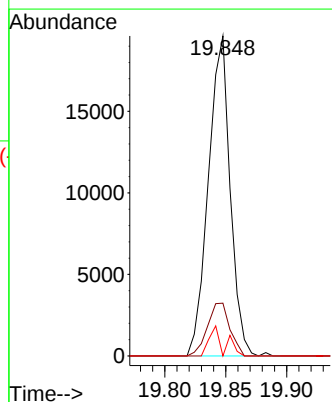
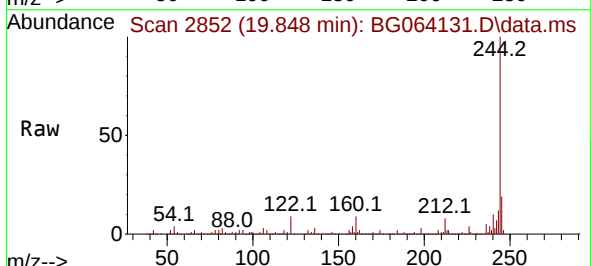
Tgt Ion:184 Resp: 24439

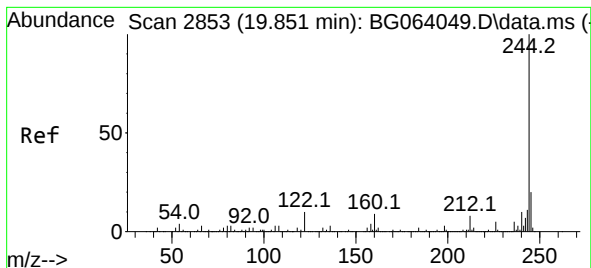
Ion Ratio Lower Upper

184 100

185 16.5 11.3 16.9

183 0.0 9.5 14.3#





#79

Terphenyl-d14

Concen: 100.548 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064131.D

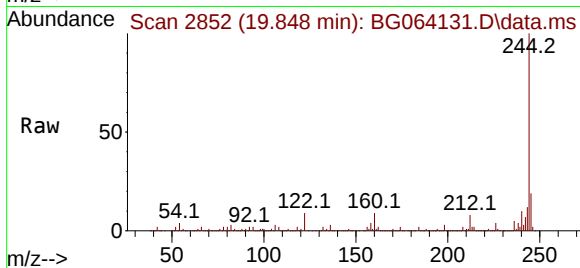
Acq: 1 Apr 2025 12:19

Instrument :

BNA_G

ClientSampleId :

PB167373TB



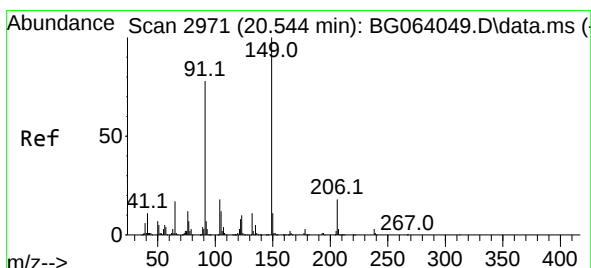
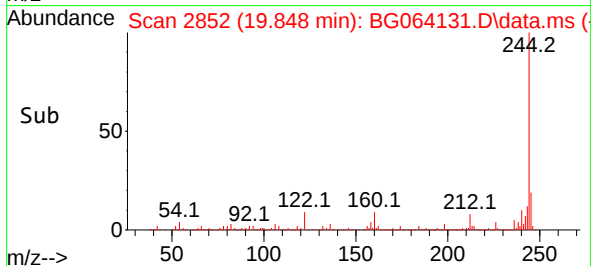
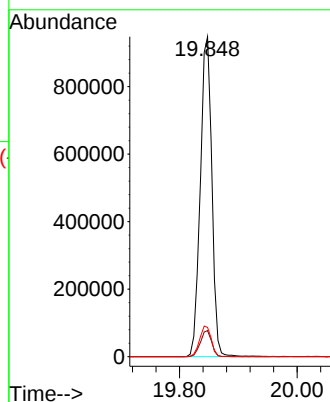
Tgt Ion:244 Resp: 1291373

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

122 9.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.666 ng

RT: 20.535 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG064131.D

Acq: 1 Apr 2025 12:19

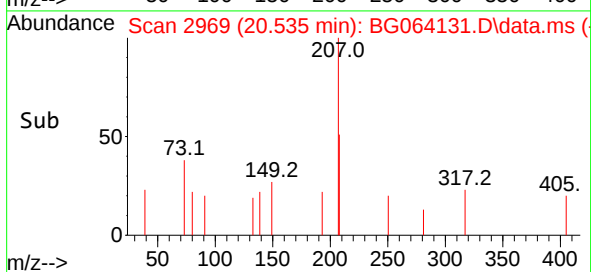
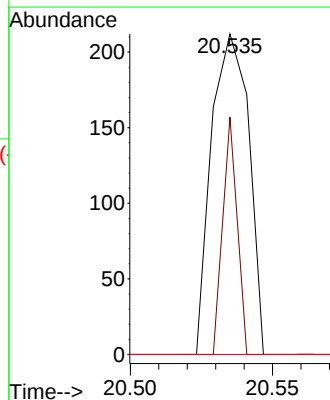
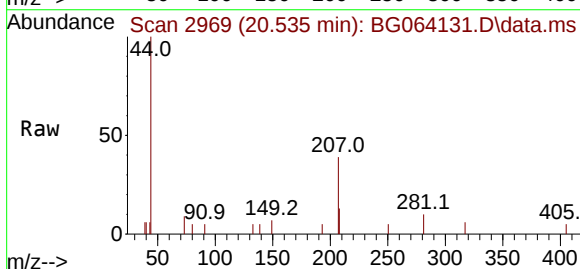
Tgt Ion:149 Resp: 193

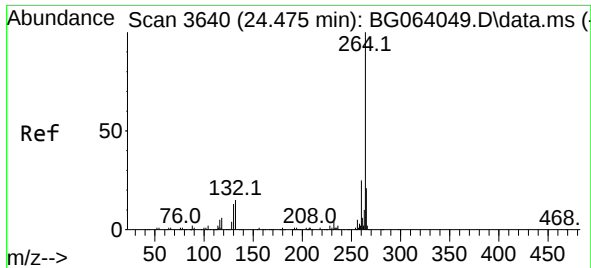
Ion Ratio Lower Upper

149 100

91 74.1 62.0 93.0

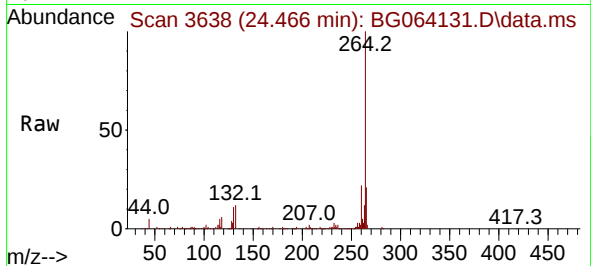
206 0.0 14.6 21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Instrument :
BNA_G
ClientSampleId :
PB167373TB



Tgt Ion:264 Resp: 279042

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.3	16.6	25.0

