

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062591.D
 Acq On : 28 Aug 2024 11:41
 Operator : MA/JU
 Sample : PB163031BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163031BL

Quant Time: Aug 28 12:16:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

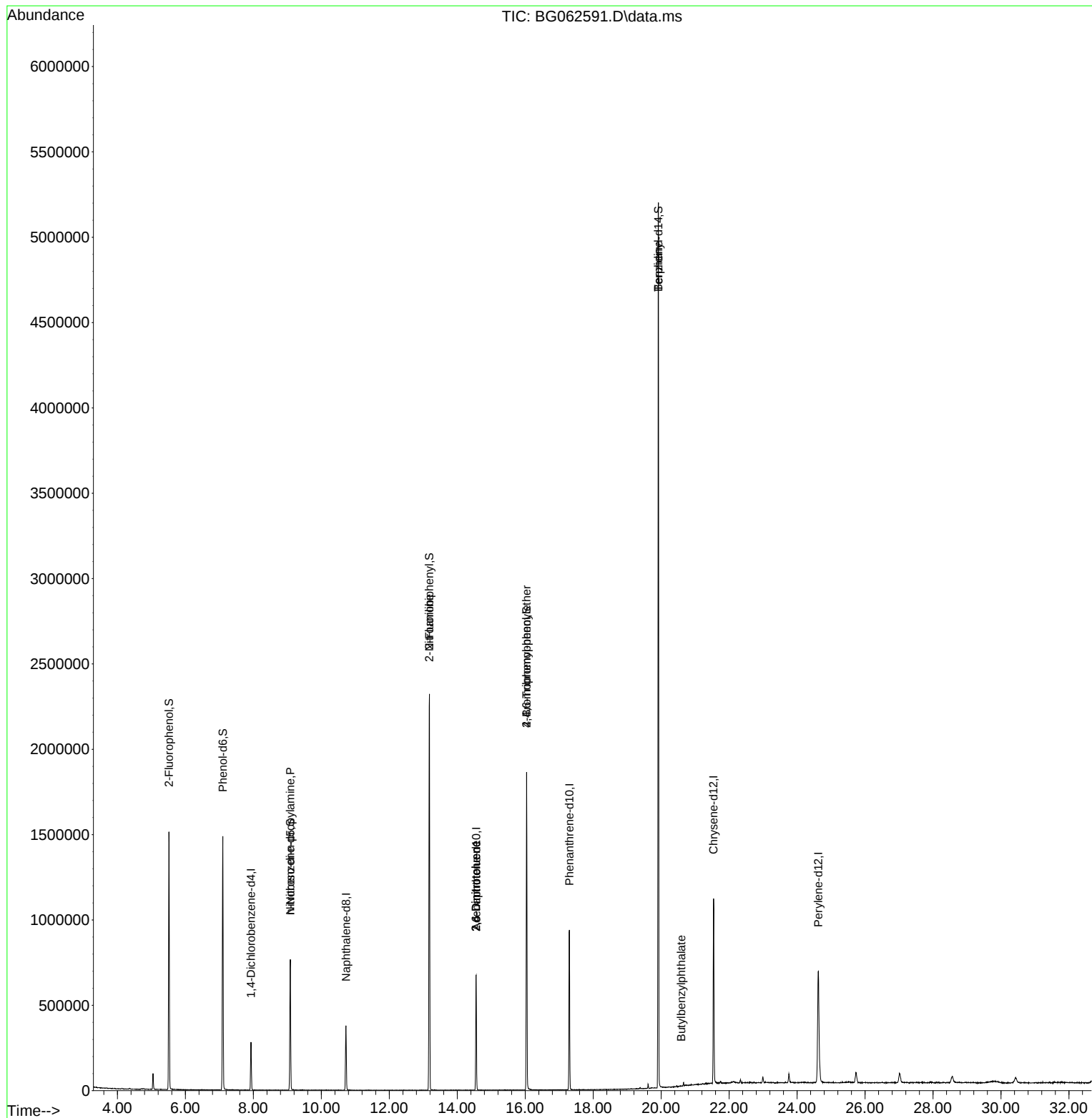
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	77438	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	316380	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	243340	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	600950	20.000	ng	0.00
76) Chrysene-d12	21.543	240	645901	20.000	ng	0.00
86) Perylene-d12	24.627	264	713354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	610234	141.367	ng	0.00
7) Phenol-d6	7.101	99	792176	128.838	ng	0.00
23) Nitrobenzene-d5	9.087	82	445103	93.369	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	361364	134.434	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1226671	82.889	ng	0.00
79) Terphenyl-d14	19.921	244	2591565	83.888	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	58710	14.258	ng	# 73
48) 2-Nitroaniline	13.176	65	2089	4.306	ng	# 1
51) 2,6-Dinitrotoluene	14.551	165	32066	13.451	ng	# 20
57) 2,4-Dinitrotoluene	14.551	165	32066	8.875	ng	# 21
67) 4-Bromophenyl-phenylether	16.043	248	23517	4.066	ng	# 1
77) Benzidine	19.921	184	45603	8.378	ng	# 92
80) Butylbenzylphthalate	20.597	149	68	4.945	ng	# 81

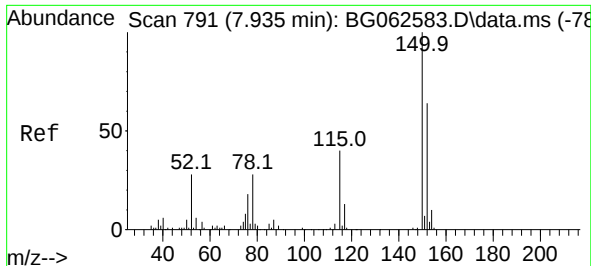
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
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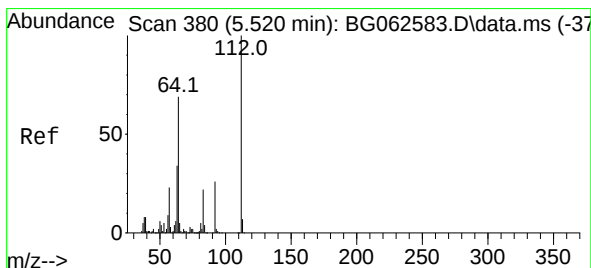
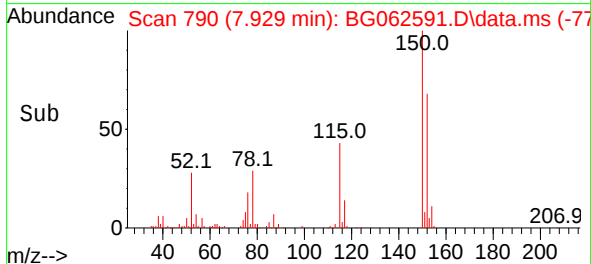
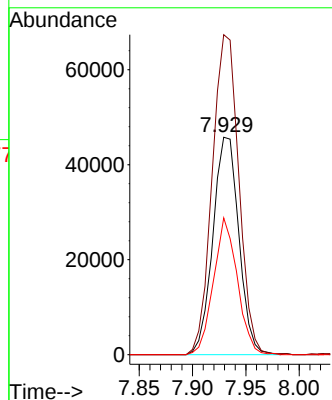
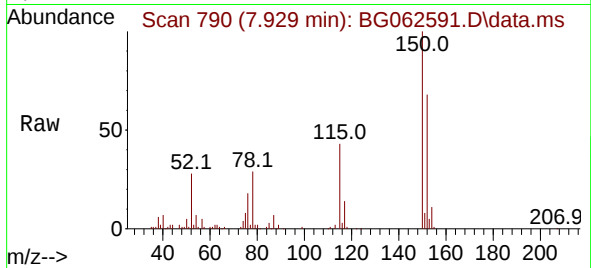




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

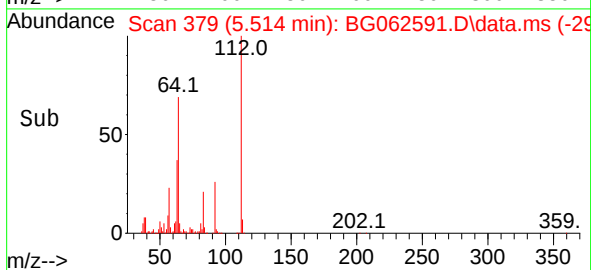
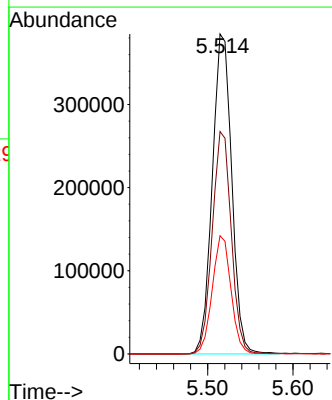
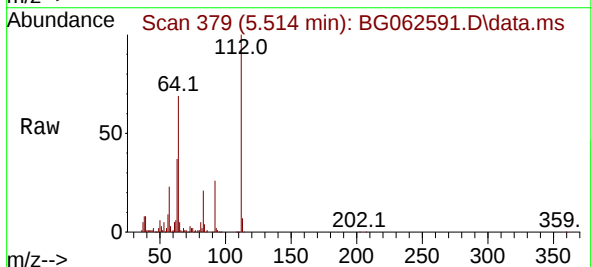
Instrument :
BNA_G
ClientSampleId :
PB163031BL

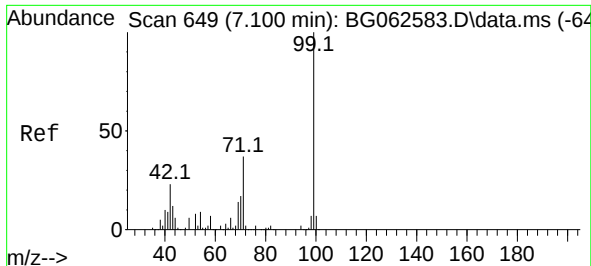
Tgt Ion:152 Resp: 77438
Ion Ratio Lower Upper
152 100
150 147.2 125.1 187.7
115 62.9 50.6 76.0



#5
2-Fluorophenol
Concen: 141.367 ng
RT: 5.514 min Scan# 379
Delta R.T. -0.005 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

Tgt Ion:112 Resp: 610234
Ion Ratio Lower Upper
112 100
64 69.5 55.5 83.3
63 37.0 27.4 41.2

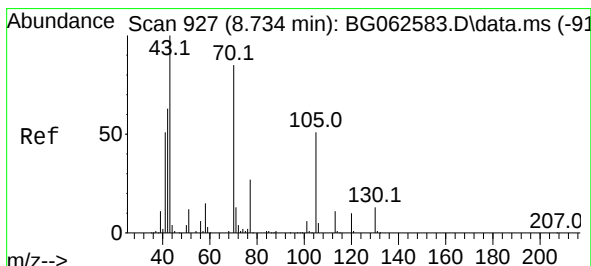
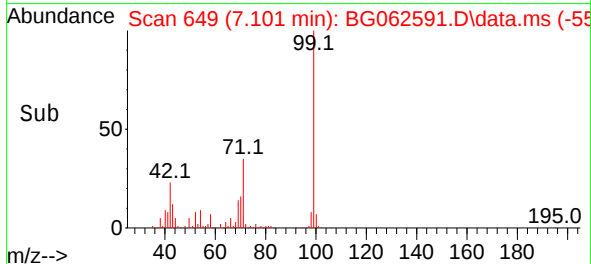
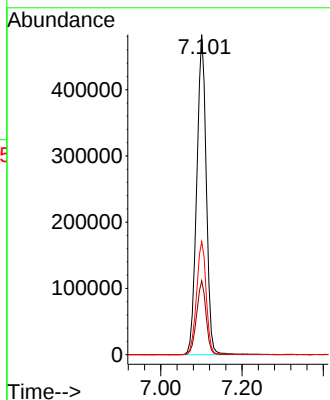
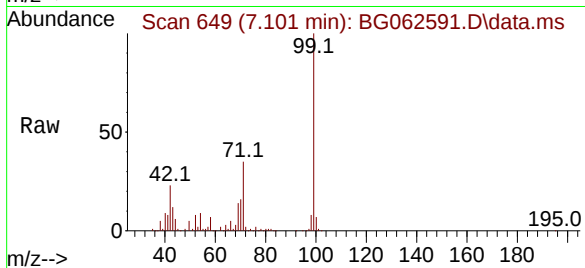




#7
Phenol-d6
Concen: 128.838 ng
RT: 7.101 min Scan# 649
Delta R.T. 0.001 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

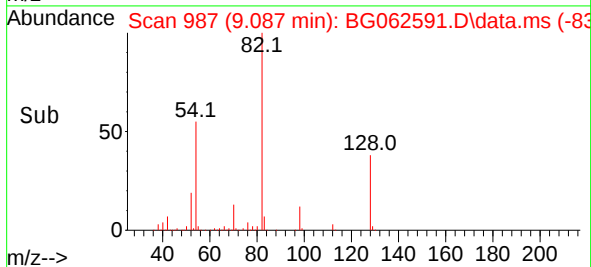
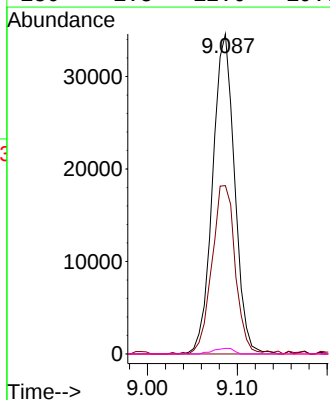
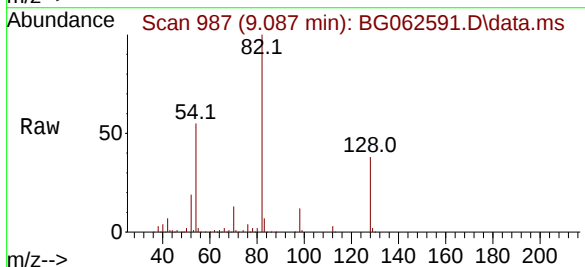
Instrument :
BNA_G
ClientSampleId :
PB163031BL

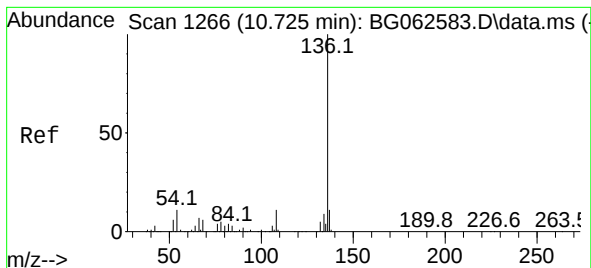
Tgt Ion: 99 Resp: 792176
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 35.4 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.258 ng
RT: 9.087 min Scan# 987
Delta R.T. 0.353 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

Tgt Ion: 70 Resp: 58710
Ion Ratio Lower Upper
70 100
42 52.6 60.0 90.0#
101 0.0 6.1 9.1#
130 1.8 12.6 19.0#

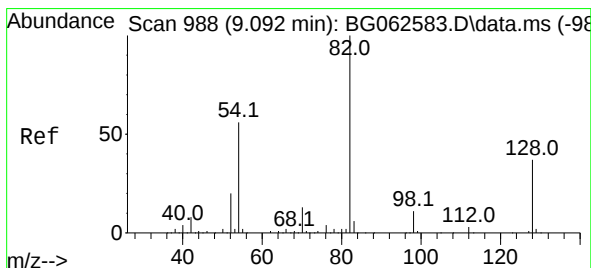
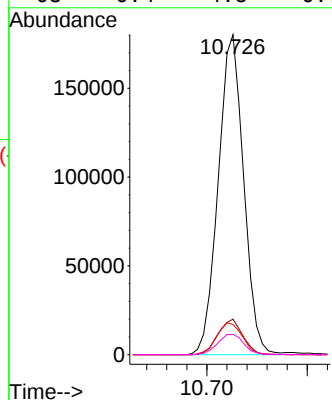
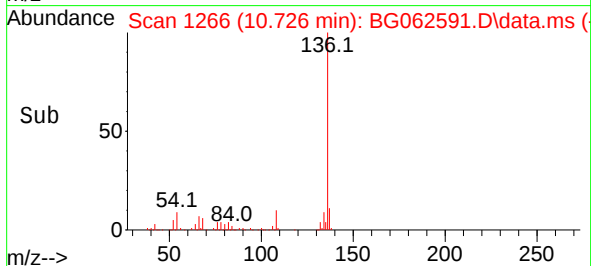
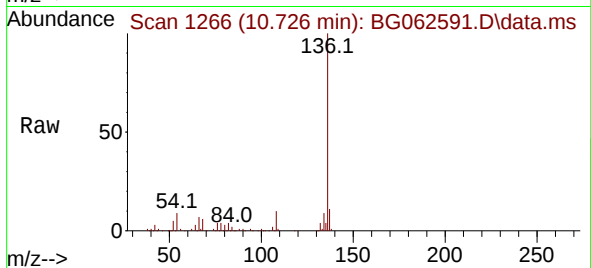




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

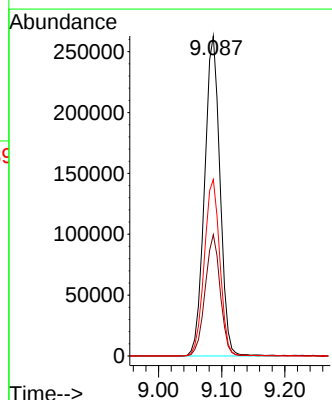
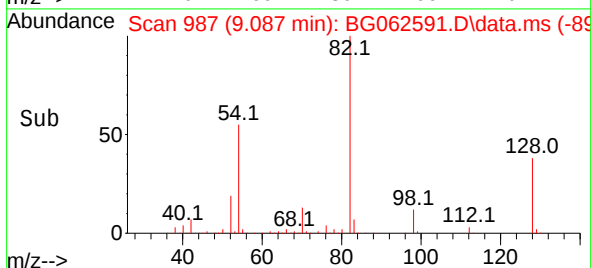
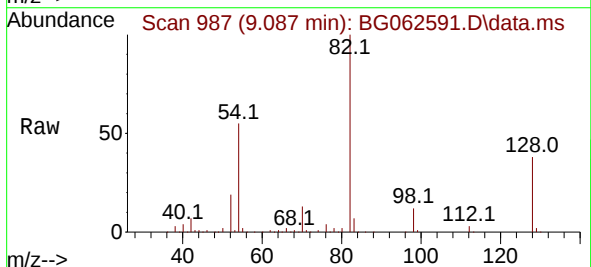
Instrument :
BNA_G
ClientSampleId :
PB163031BL

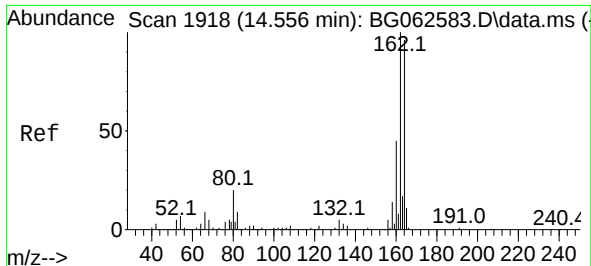
Tgt Ion:	136	Resp:	316380
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	9.5	9.0	13.4
68	6.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 93.369 ng
RT: 9.087 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

Tgt Ion:	82	Resp:	445103
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.7	44.5
54	55.2	44.4	66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1918

Delta R.T. 0.001 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

Instrument :

BNA_G

ClientSampleId :

PB163031BL

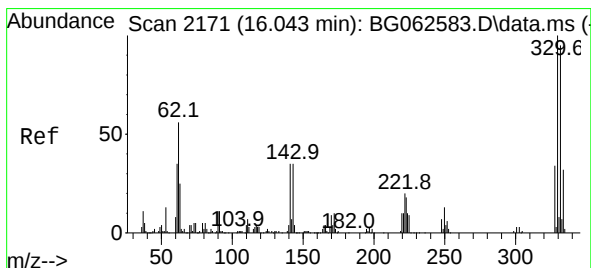
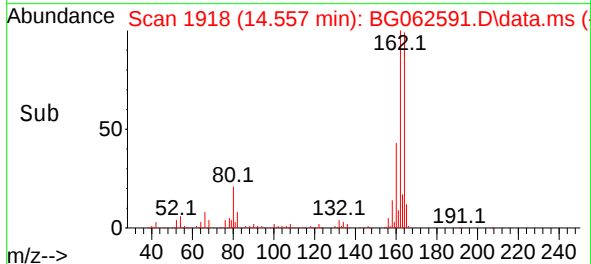
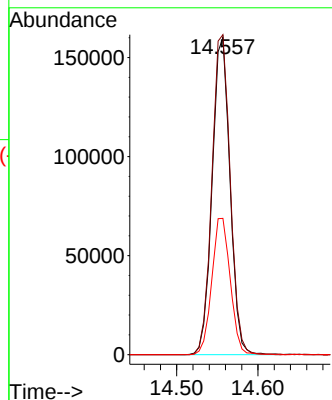
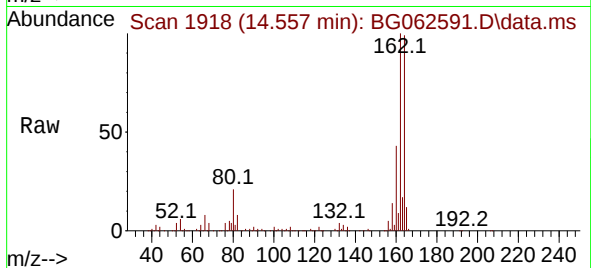
Tgt Ion:164 Resp: 243340

Ion Ratio Lower Upper

164 100

162 100.9 83.0 124.6

160 43.0 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 134.434 ng

RT: 16.043 min Scan# 2171

Delta R.T. 0.001 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

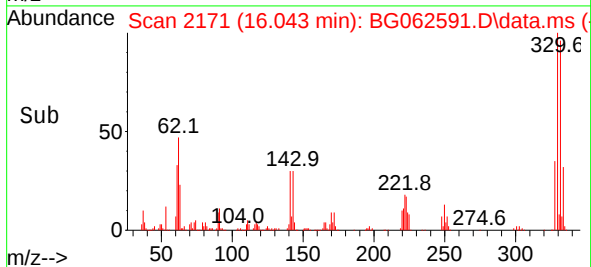
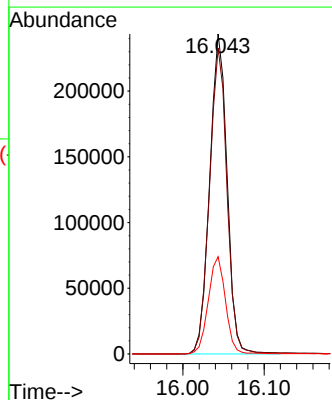
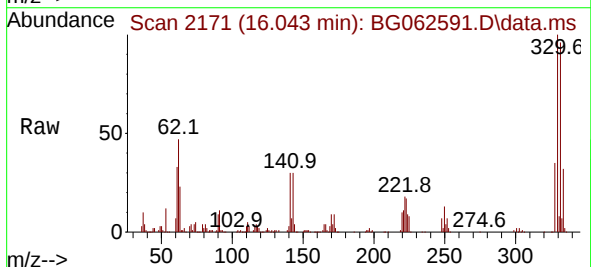
Tgt Ion:330 Resp: 361364

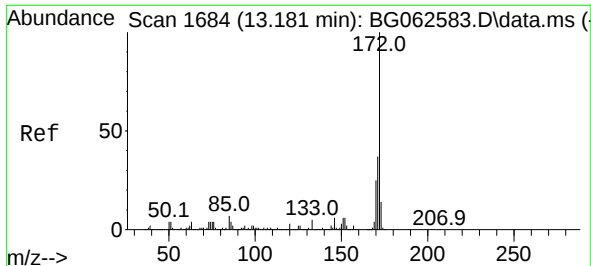
Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 30.2 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 82.889 ng

RT: 13.182 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

Instrument :

BNA_G

ClientSampleId :

PB163031BL

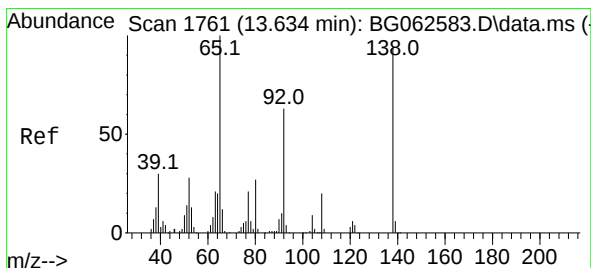
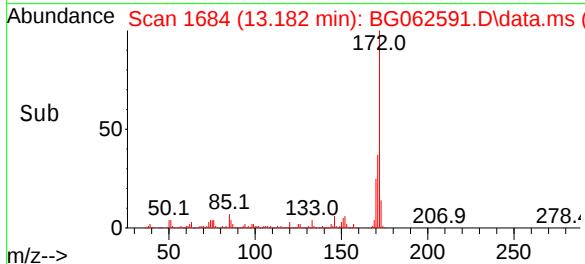
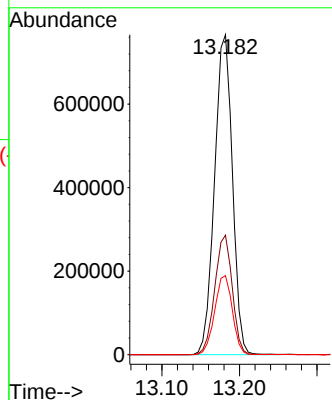
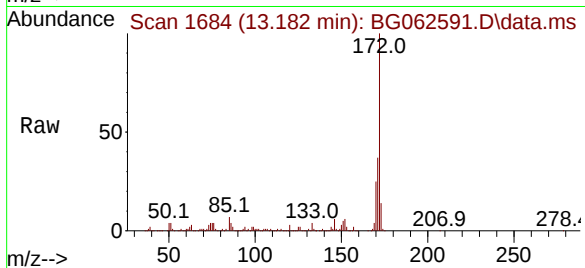
Tgt Ion:172 Resp: 1226671

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 24.7 20.1 30.1



#48

2-Nitroaniline

Concen: 4.306 ng

RT: 13.176 min Scan# 1683

Delta R.T. -0.458 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

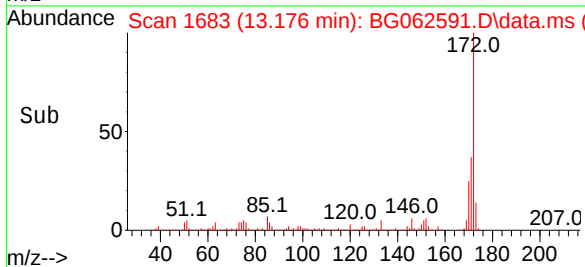
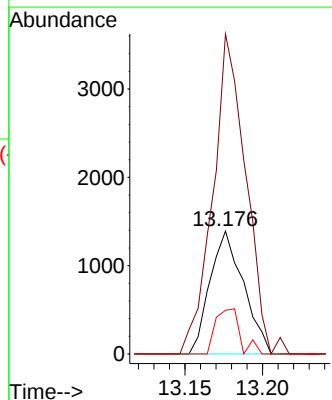
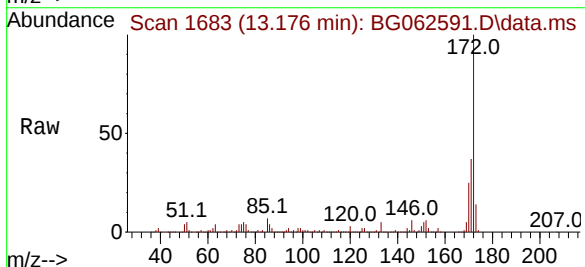
Tgt Ion: 65 Resp: 2089

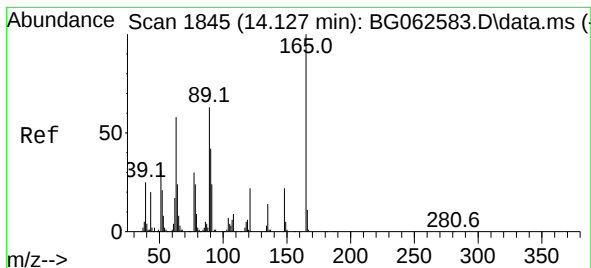
Ion Ratio Lower Upper

65 100

92 260.3 50.6 76.0#

138 35.6 75.4 113.2#

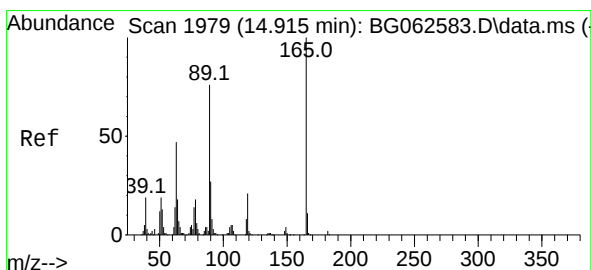
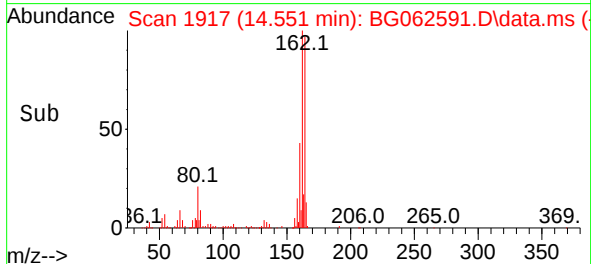
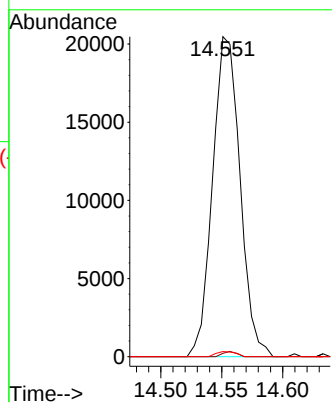
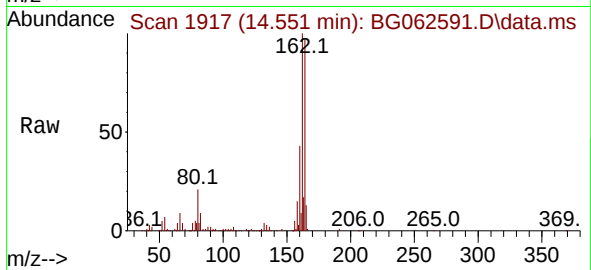




#51
2,6-Dinitrotoluene
Concen: 13.451 ng
RT: 14.551 min Scan# 1917
Delta R.T. 0.424 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

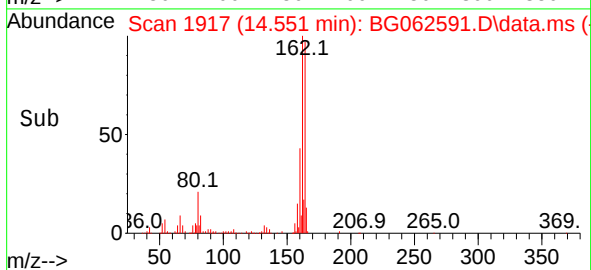
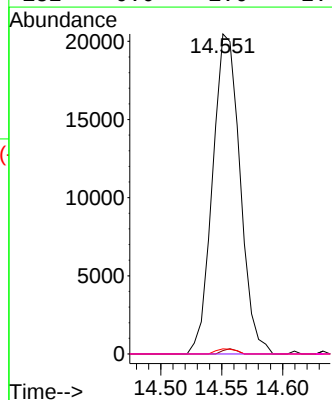
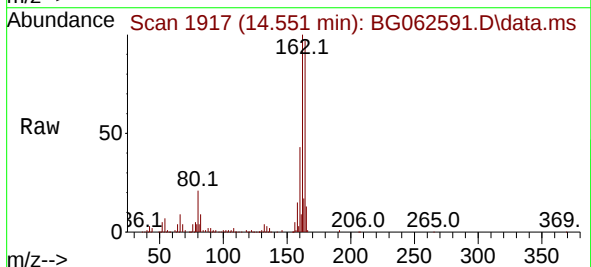
Instrument :
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PB163031BL

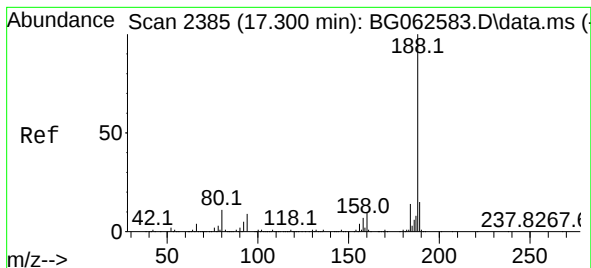
Tgt Ion:165 Resp: 32066
Ion Ratio Lower Upper
165 100
63 1.1 51.0 76.6#
89 1.6 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 8.875 ng
RT: 14.551 min Scan# 1917
Delta R.T. -0.364 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

Tgt Ion:165 Resp: 32066
Ion Ratio Lower Upper
165 100
63 1.1 37.5 56.3#
89 1.6 60.8 91.2#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

Instrument :

BNA_G

ClientSampleId :

PB163031BL

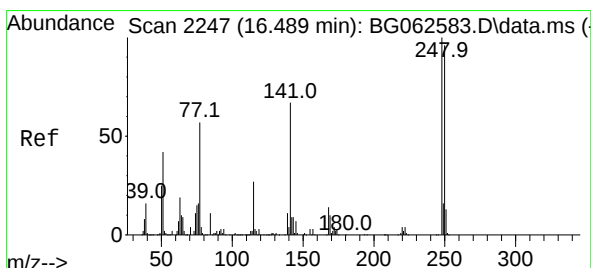
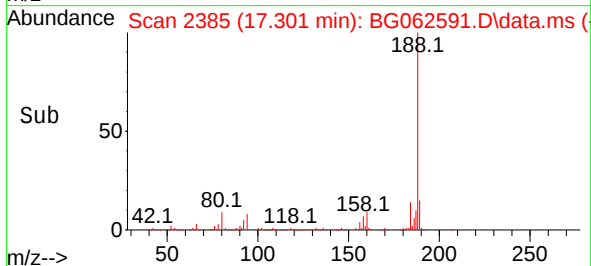
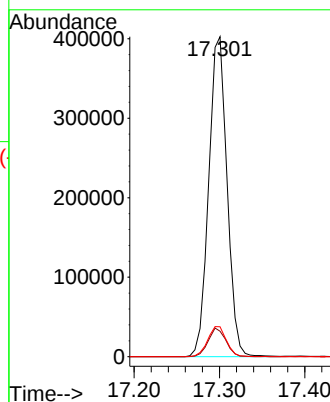
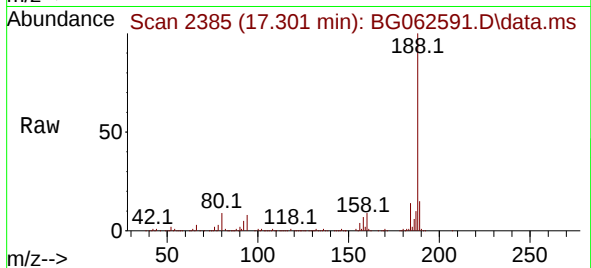
Tgt Ion:188 Resp: 600950

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.3 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 4.066 ng

RT: 16.043 min Scan# 2171

Delta R.T. -0.446 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

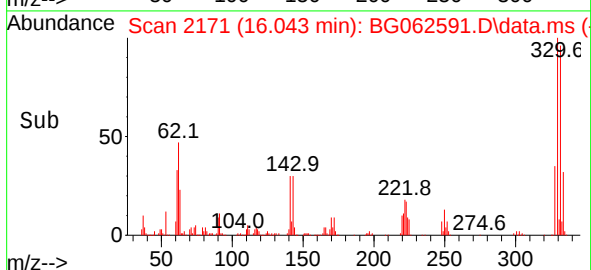
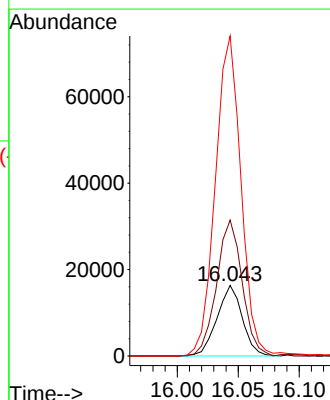
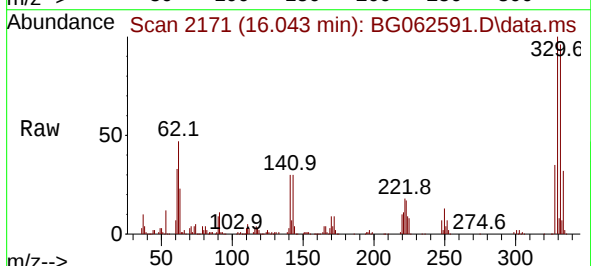
Tgt Ion:248 Resp: 23517

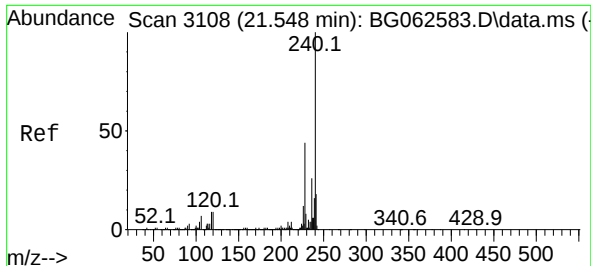
Ion Ratio Lower Upper

248 100

250 192.6 76.7 115.1#

141 453.8 54.0 81.0#

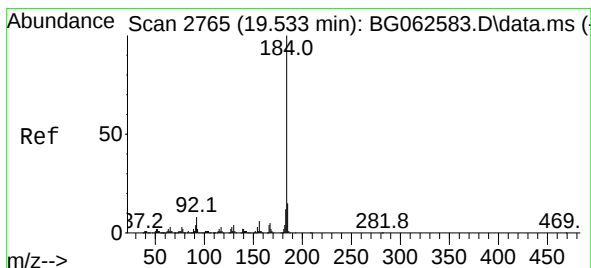
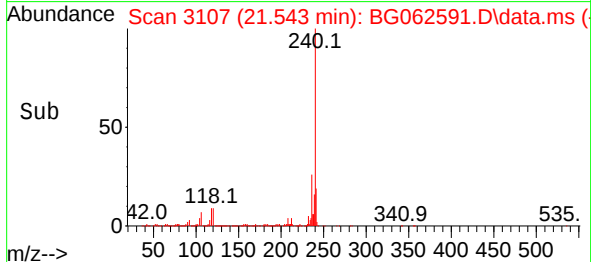
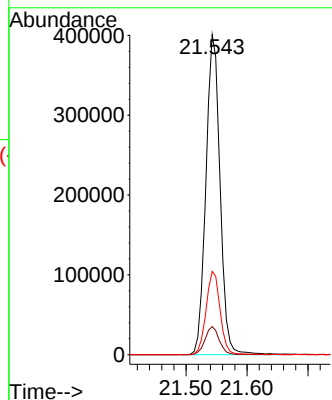
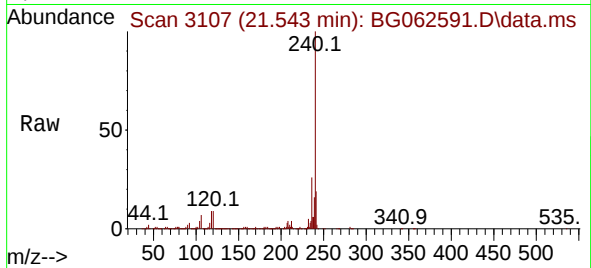




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

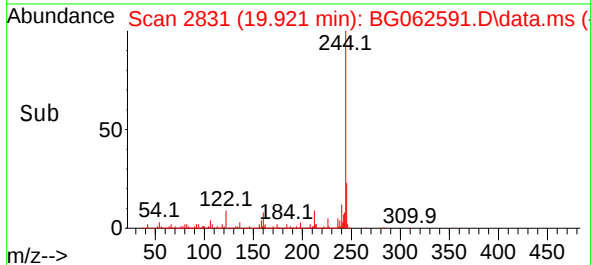
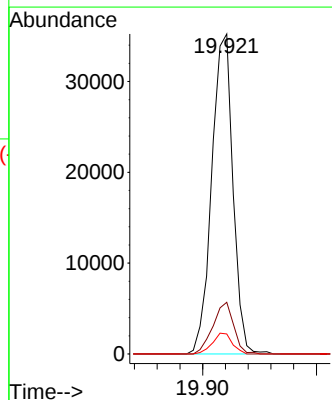
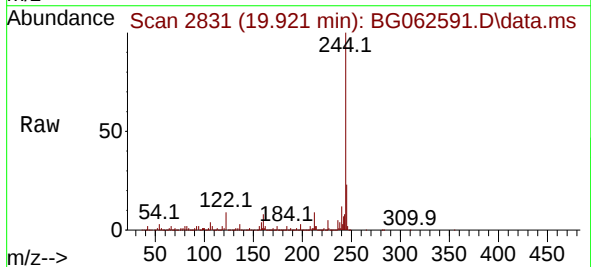
Instrument :
BNA_G
ClientSampleId :
PB163031BL

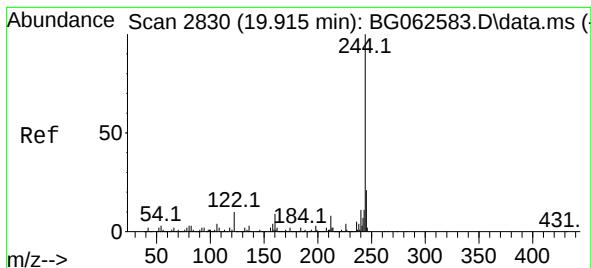
Tgt Ion:240 Resp: 645901
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.0 20.5 30.7



#77
Benzidine
Concen: 8.378 ng
RT: 19.921 min Scan# 2831
Delta R.T. 0.388 min
Lab File: BG062591.D
Acq: 28 Aug 2024 11:41

Tgt Ion:184 Resp: 45603
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 6.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 83.888 ng

RT: 19.921 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

Instrument :

BNA_G

ClientSampleId :

PB163031BL

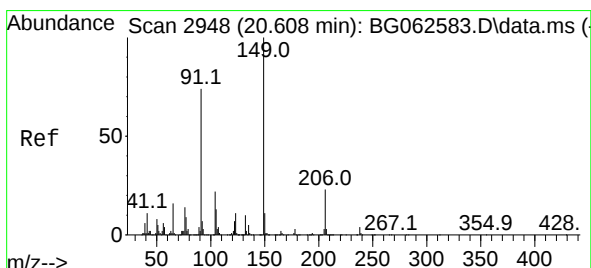
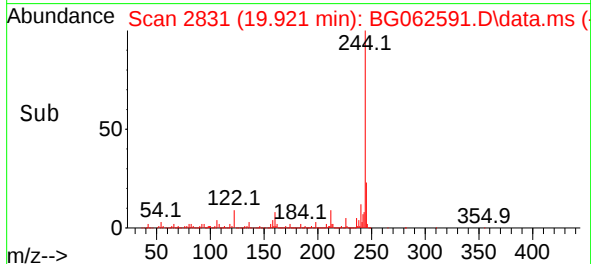
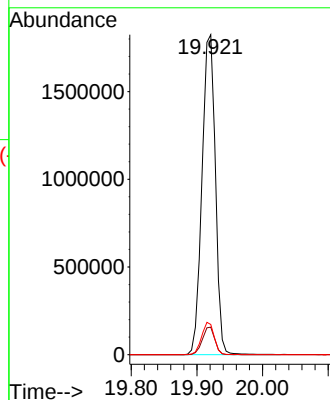
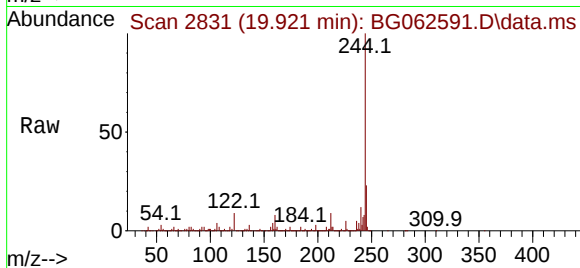
Tgt Ion:244 Resp: 2591565

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 9.5 8.4 12.6



#80

Butylbenzylphthalate

Concen: 4.945 ng

RT: 20.597 min Scan# 2946

Delta R.T. -0.011 min

Lab File: BG062591.D

Acq: 28 Aug 2024 11:41

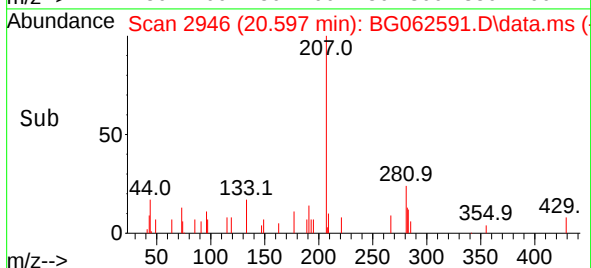
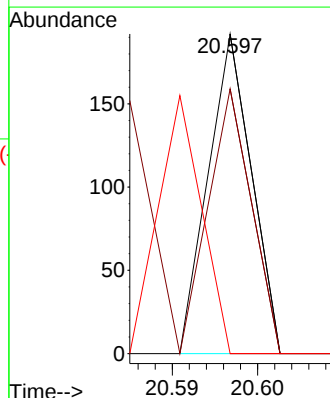
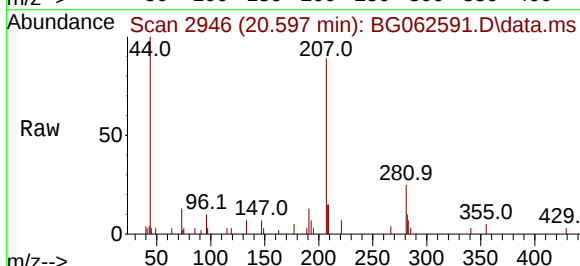
Tgt Ion:149 Resp: 68

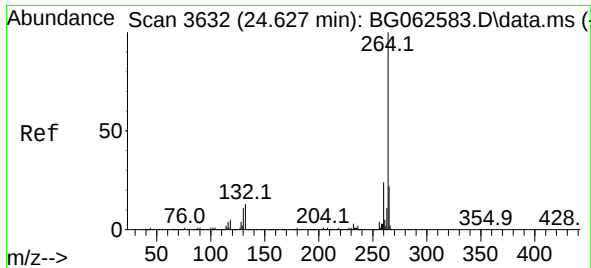
Ion Ratio Lower Upper

149 100

91 82.8 59.0 88.6

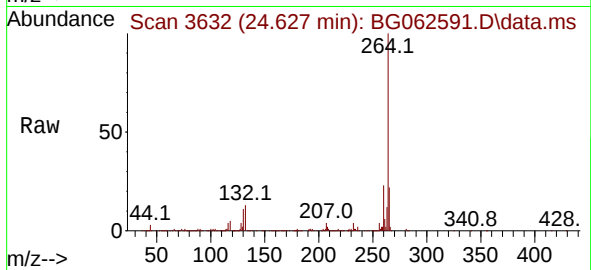
206 0.0 18.5 27.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.627 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG062591.D
 Acq: 28 Aug 2024 11:41

Instrument :
 BNA_G
 ClientSampleId :
 PB163031BL



Tgt Ion:264 Resp: 713354
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.2 17.8 26.6

