

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062596.D
 Acq On : 28 Aug 2024 15:14
 Operator : MA/JU
 Sample : P3727-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-21

Quant Time: Aug 28 15:59:20 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)

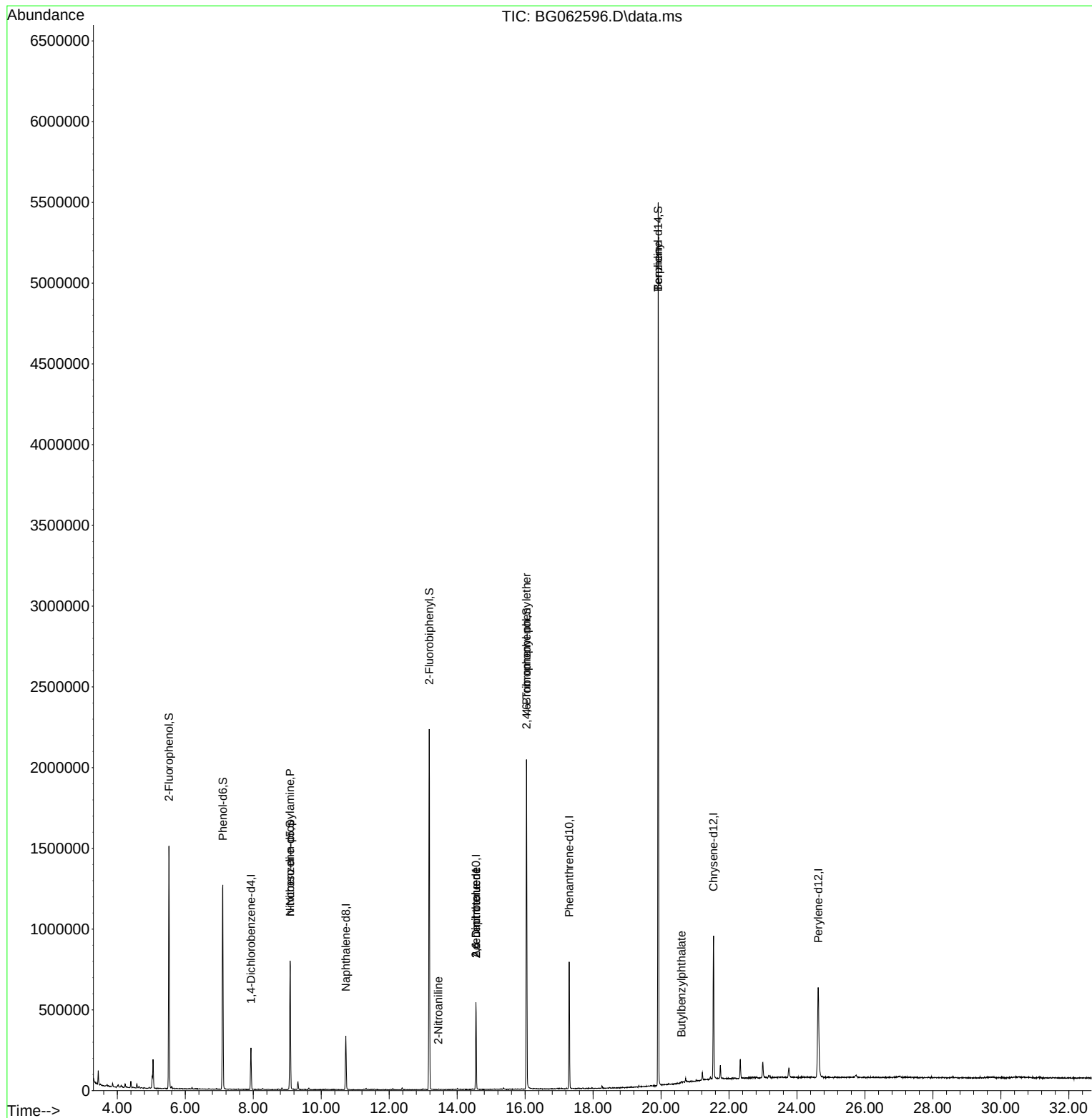
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	70407	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	278925	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	189015	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	492394	20.000	ng	0.00
76) Chrysene-d12	21.546	240	519902	20.000	ng	0.00
86) Perylene-d12	24.625	264	600797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	634495	161.665	ng	0.00
7) Phenol-d6	7.104	99	716539	128.174	ng	0.00
23) Nitrobenzene-d5	9.084	82	474794	112.971	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	423545	202.853	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	1163983	101.259	ng	0.00
79) Terphenyl-d14	19.918	244	2629197	105.731	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	63723	17.021	ng	# 75
48) 2-Nitroaniline	13.449	65	84	3.640	ng	# 9
51) 2,6-Dinitrotoluene	14.554	165	24585	13.326	ng	# 20
57) 2,4-Dinitrotoluene	14.554	165	24585	8.760	ng	# 21
67) 4-Bromophenyl-phenylether	16.041	248	27517	5.806	ng	# 1
77) Benzidine	19.918	184	44885	9.272	ng	# 93
80) Butylbenzylphthalate	20.606	149	835	5.039	ng	# 74

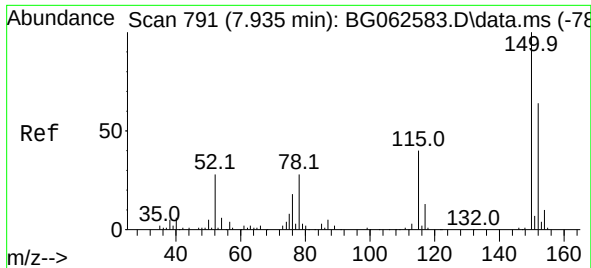
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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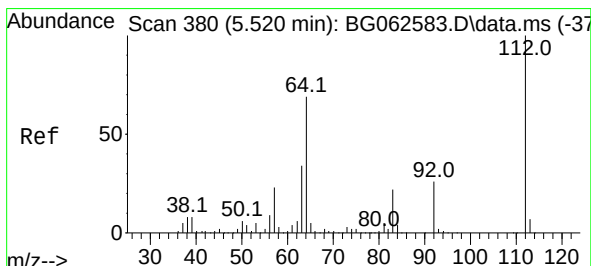
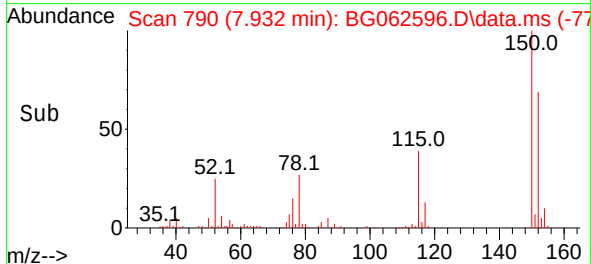
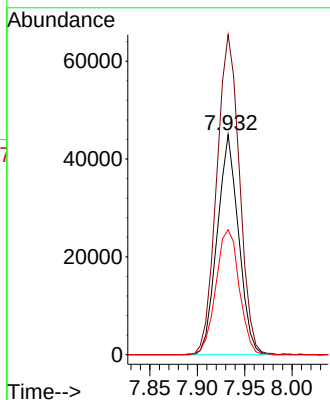
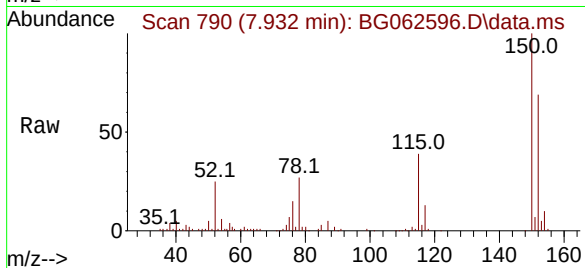




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

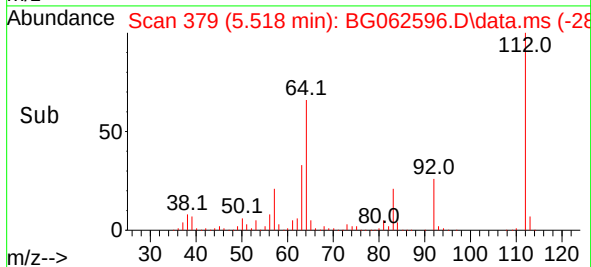
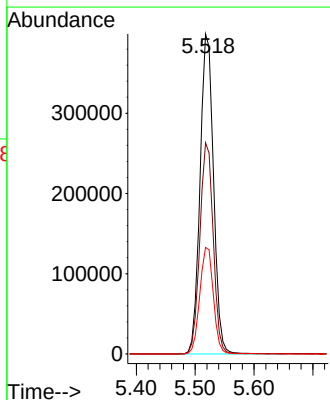
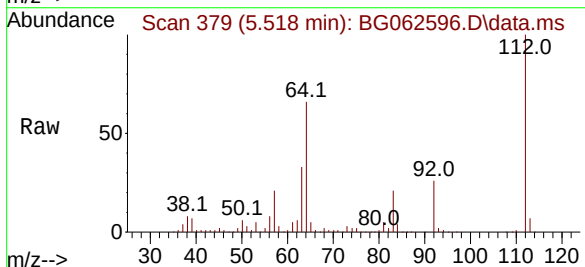
Instrument :
BNA_G
ClientSampleId :
MH-21

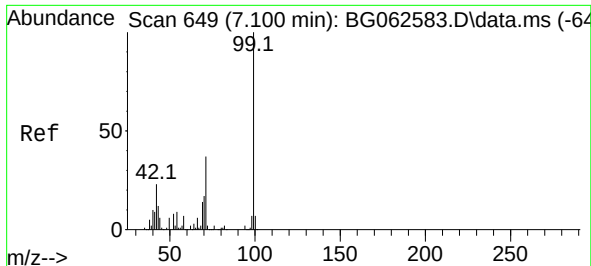
Tgt Ion:152 Resp: 70407
Ion Ratio Lower Upper
152 100
150 145.3 125.1 187.7
115 56.7 50.6 76.0



#5
2-Fluorophenol
Concen: 161.665 ng
RT: 5.518 min Scan# 379
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion:112 Resp: 634495
Ion Ratio Lower Upper
112 100
64 66.0 55.5 83.3
63 33.3 27.4 41.2

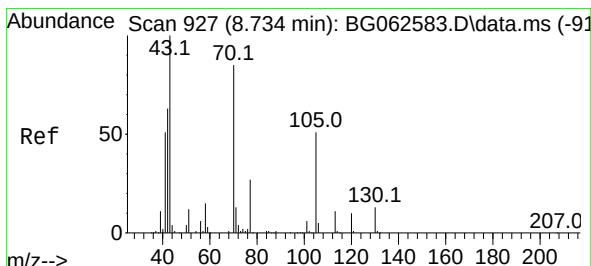
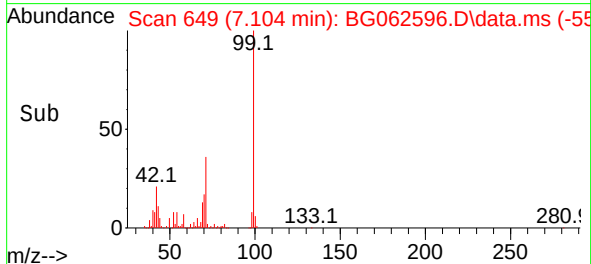
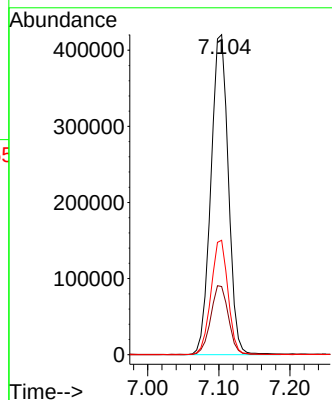
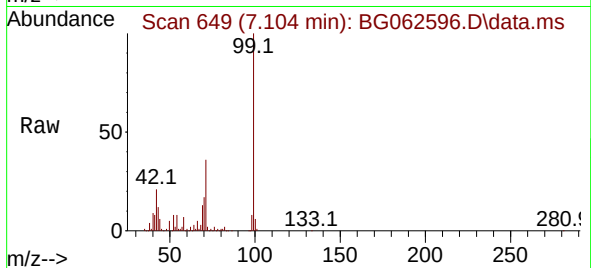




#7
Phenol-d6
Concen: 128.174 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.004 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

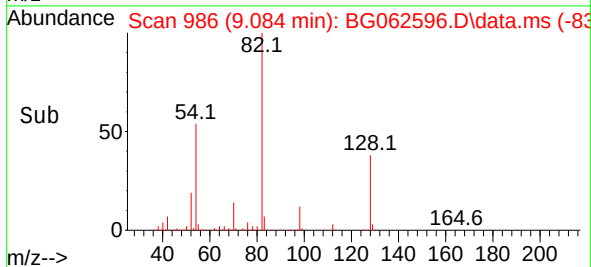
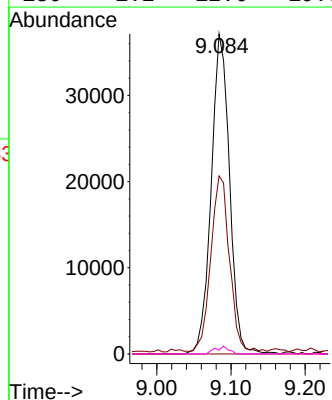
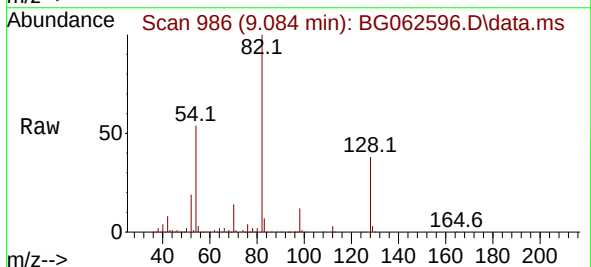
Instrument :
BNA_G
ClientSampleId :
MH-21

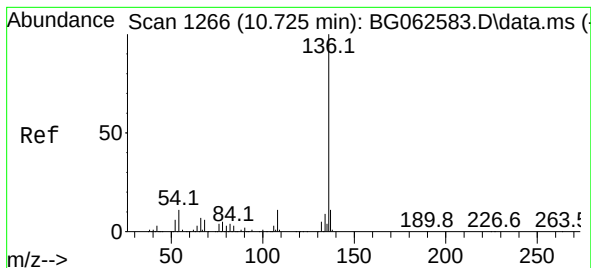
Tgt Ion: 99 Resp: 716539
Ion Ratio Lower Upper
99 100
42 21.3 18.7 28.1
71 35.8 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.021 ng
RT: 9.084 min Scan# 986
Delta R.T. 0.350 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion: 70 Resp: 63723
Ion Ratio Lower Upper
70 100
42 55.7 60.0 90.0#
101 0.0 6.1 9.1#
130 1.2 12.6 19.0#

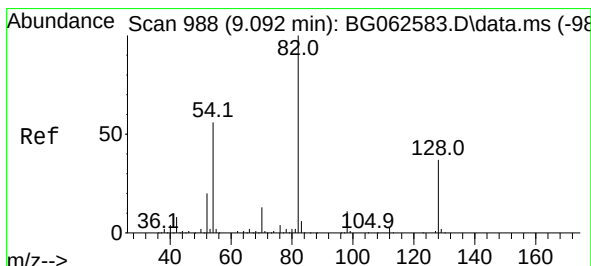
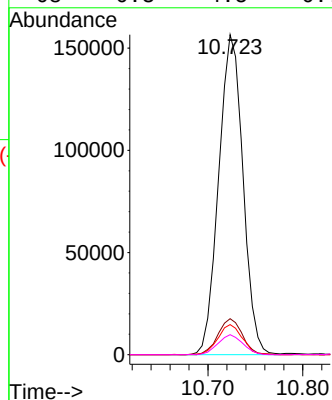
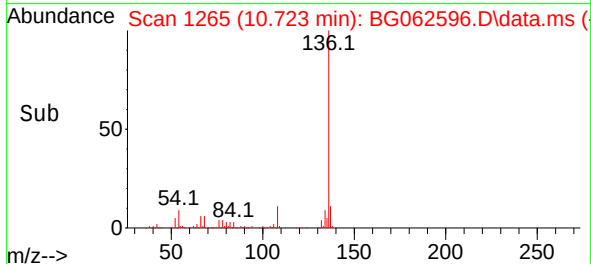
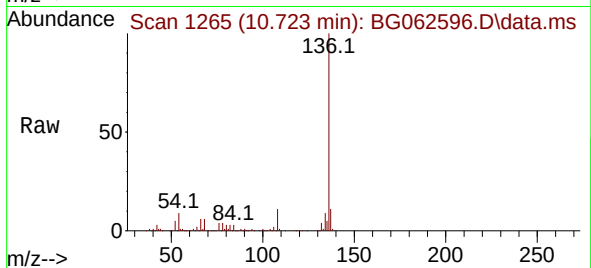




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

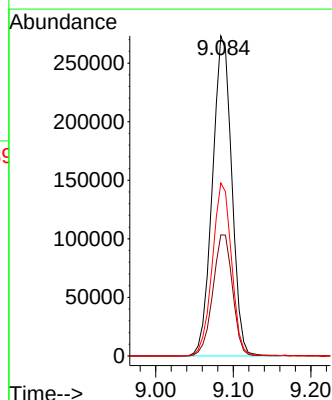
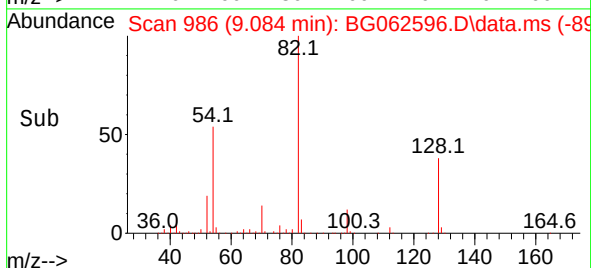
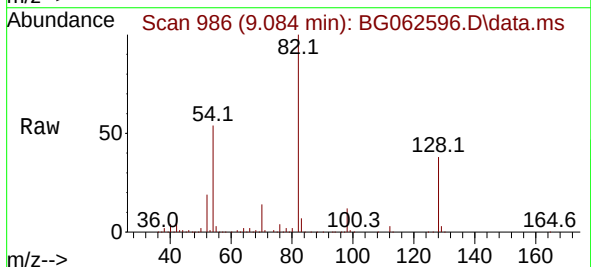
Instrument :
BNA_G
ClientSampleId :
MH-21

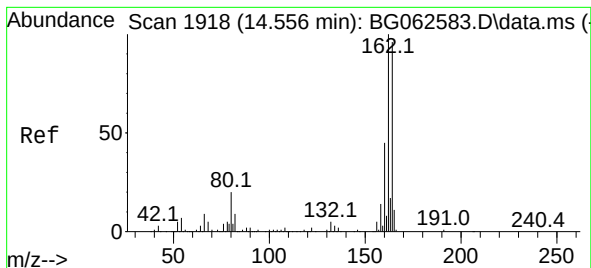
Tgt Ion:136	Resp:	278925	
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.4	9.0	13.4
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 112.971 ng
RT: 9.084 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion: 82	Resp: 474794
Ion Ratio	Lower Upper
82 100	
128 37.9	29.7 44.5
54 54.0	44.4 66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1918

Delta R.T. -0.002 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Instrument :

BNA_G

ClientSampleId :

MH-21

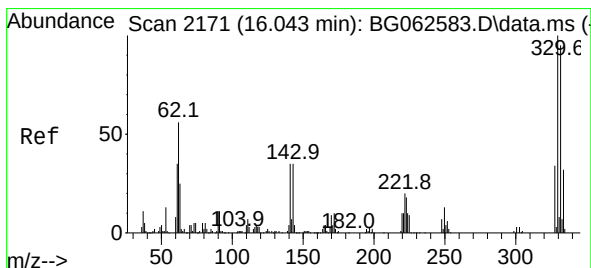
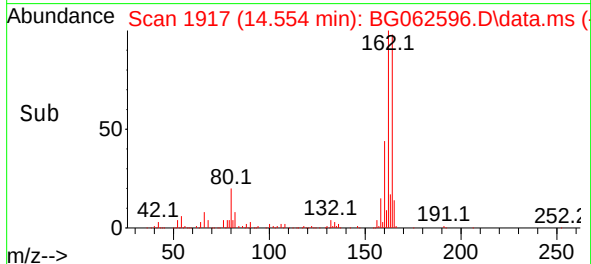
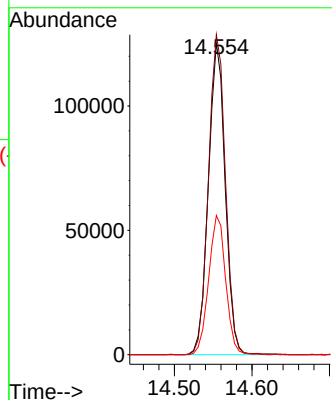
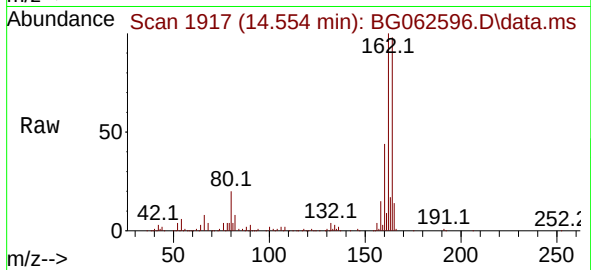
Tgt Ion:164 Resp: 189015

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

160 44.6 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 202.853 ng

RT: 16.046 min Scan# 2171

Delta R.T. 0.004 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

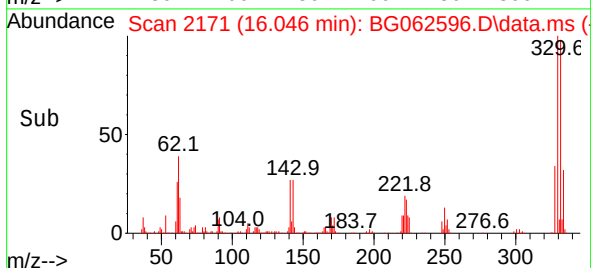
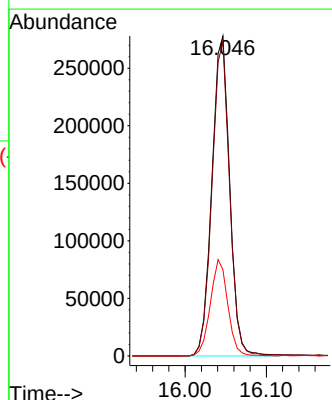
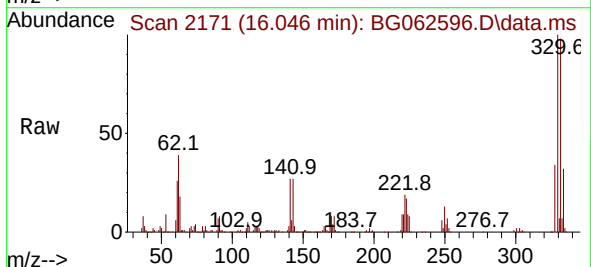
Tgt Ion:330 Resp: 423545

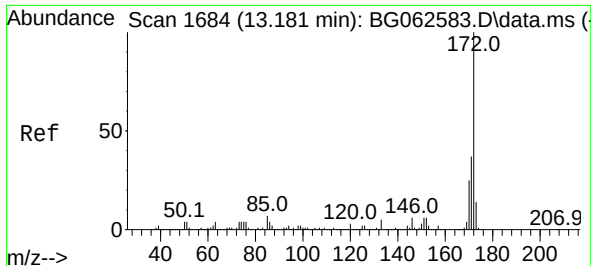
Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 29.5 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 101.259 ng

RT: 13.179 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Instrument :

BNA_G

ClientSampleId :

MH-21

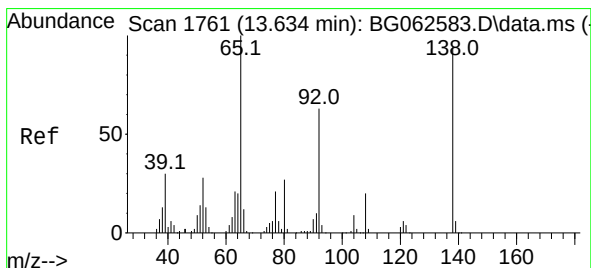
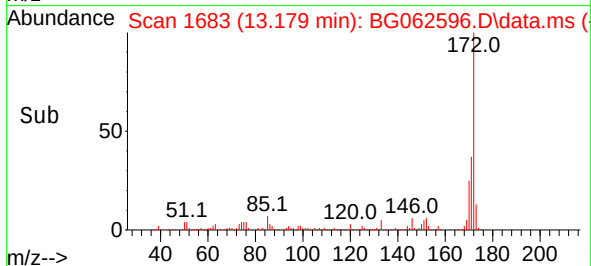
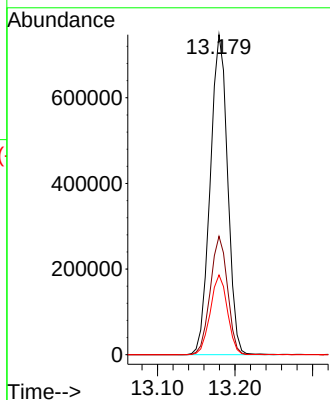
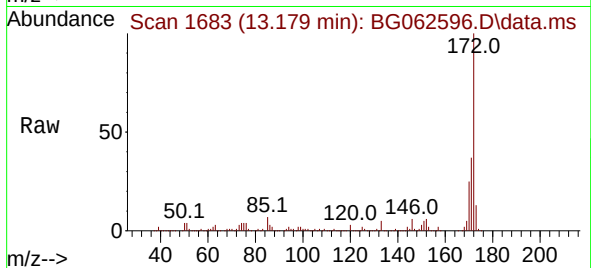
Tgt Ion:172 Resp: 1163983

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 24.9 20.1 30.1



#48

2-Nitroaniline

Concen: 3.640 ng

RT: 13.449 min Scan# 1729

Delta R.T. -0.185 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

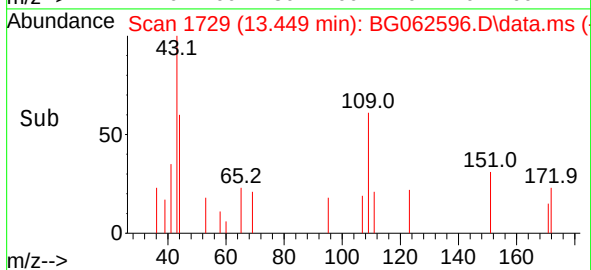
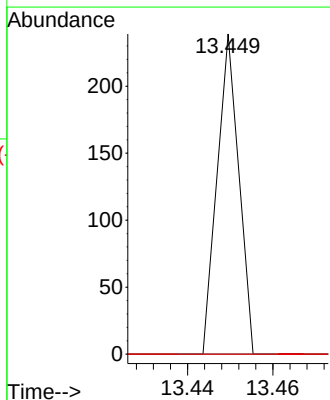
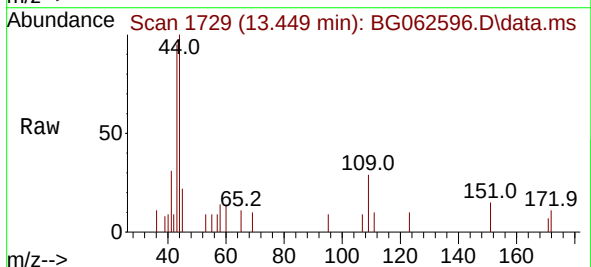
Tgt Ion: 65 Resp: 84

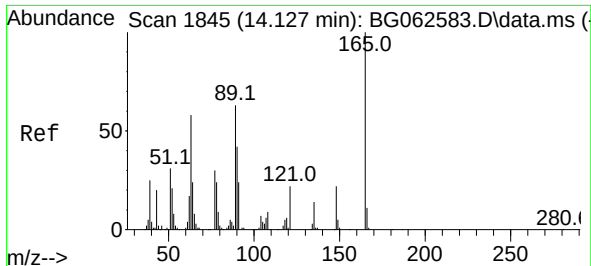
Ion Ratio Lower Upper

65 100

92 0.0 50.6 76.0#

138 0.0 75.4 113.2#





#51

2,6-Dinitrotoluene

Concen: 13.326 ng

RT: 14.554 min Scan# 1917

Delta R.T. 0.427 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Instrument :

BNA_G

ClientSampleId :

MH-21

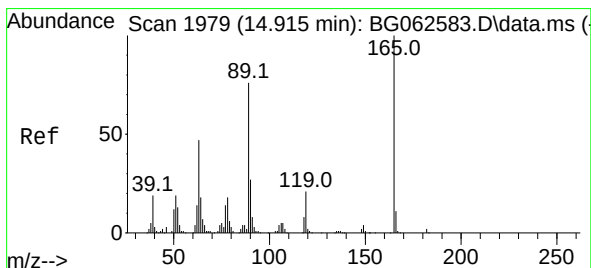
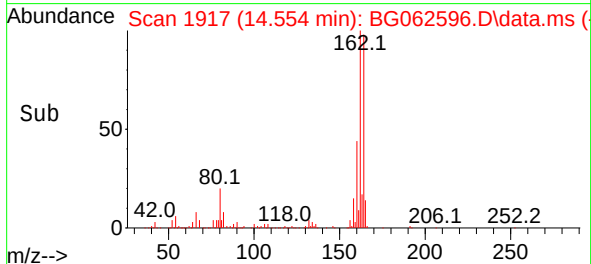
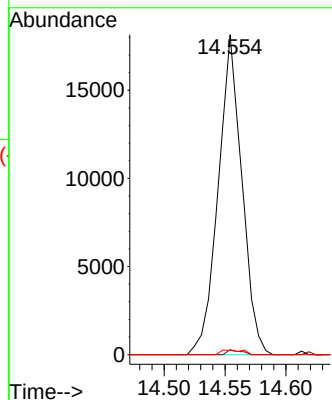
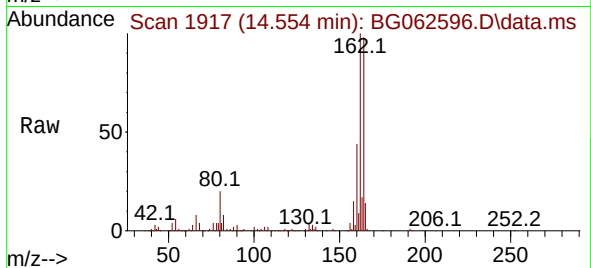
Tgt Ion:165 Resp: 24585

Ion Ratio Lower Upper

165 100

63 1.6 51.0 76.6#

89 1.3 50.6 76.0#



#57

2,4-Dinitrotoluene

Concen: 8.760 ng

RT: 14.554 min Scan# 1917

Delta R.T. -0.361 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Tgt Ion:165 Resp: 24585

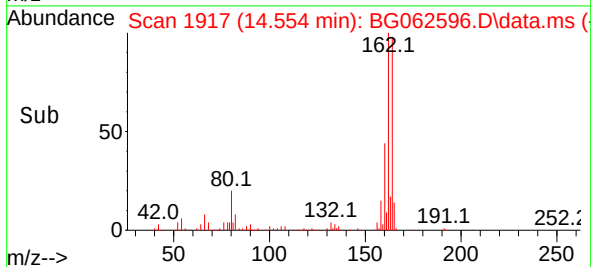
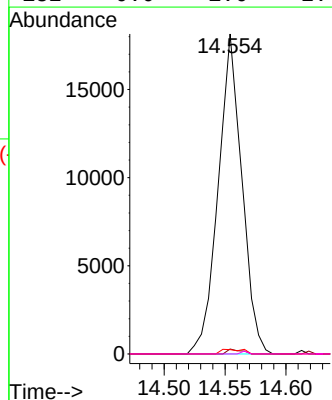
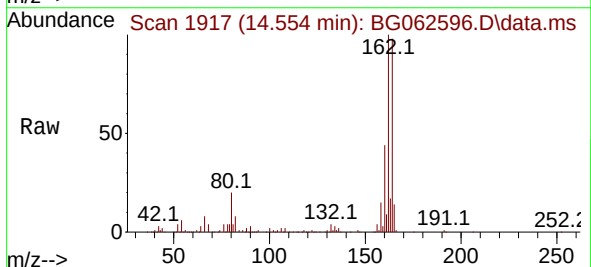
Ion Ratio Lower Upper

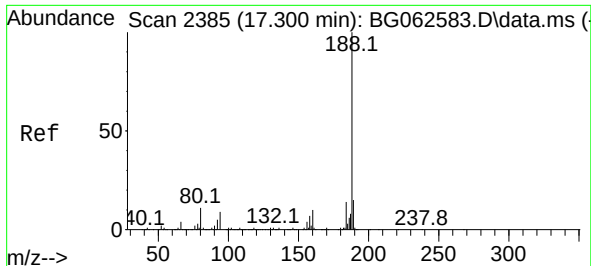
165 100

63 1.6 37.5 56.3#

89 1.3 60.8 91.2#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Instrument :

BNA_G

ClientSampleId :

MH-21

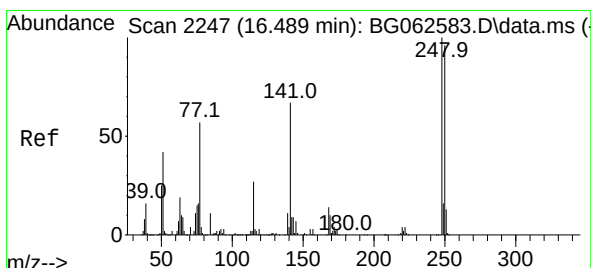
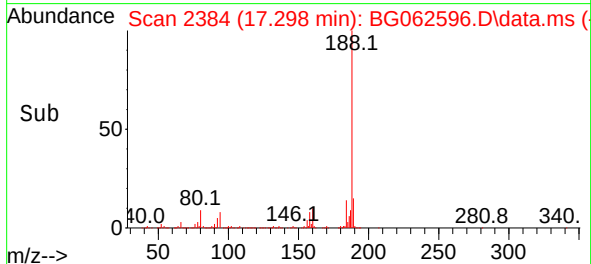
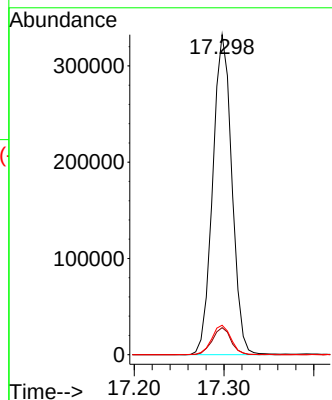
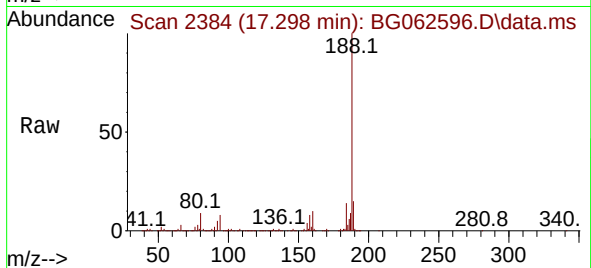
Tgt Ion:188 Resp: 492394

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.2 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 5.806 ng

RT: 16.041 min Scan# 2170

Delta R.T. -0.449 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

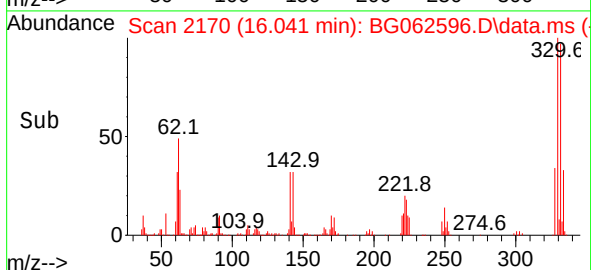
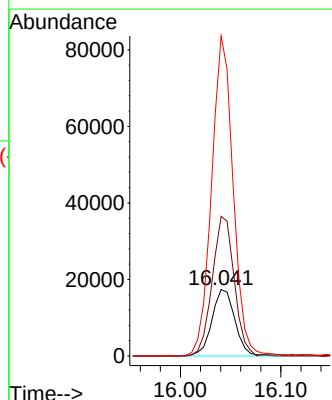
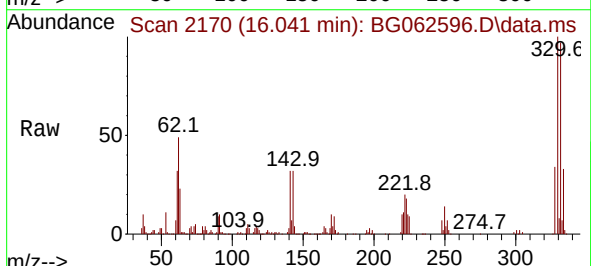
Tgt Ion:248 Resp: 27517

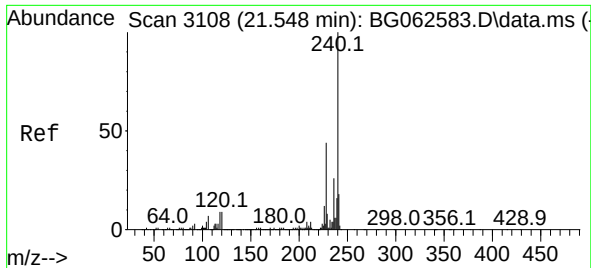
Ion Ratio Lower Upper

248 100

250 274.1 76.7 115.1#

141 482.3 54.0 81.0#

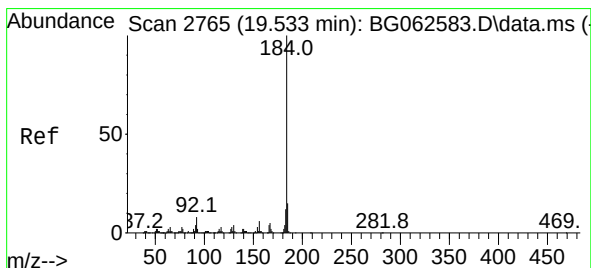
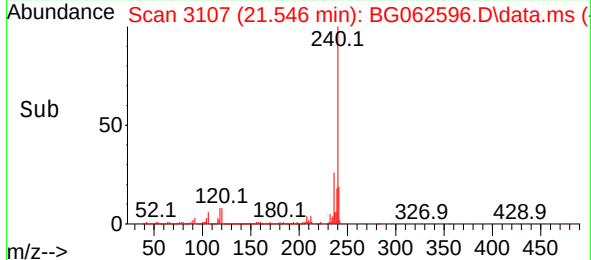
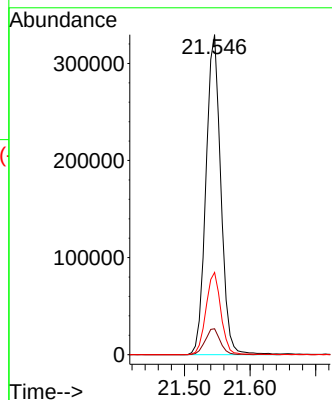
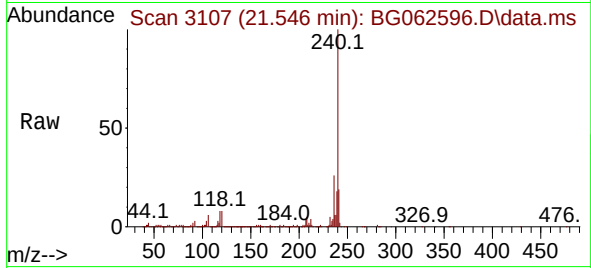




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 3108
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

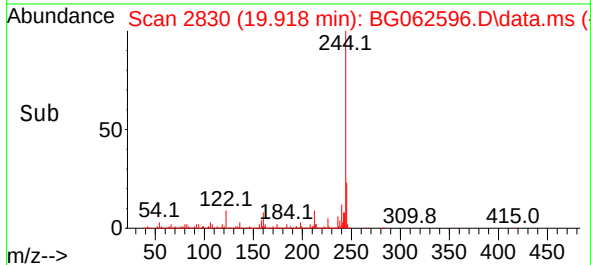
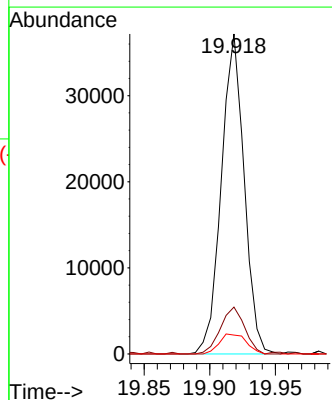
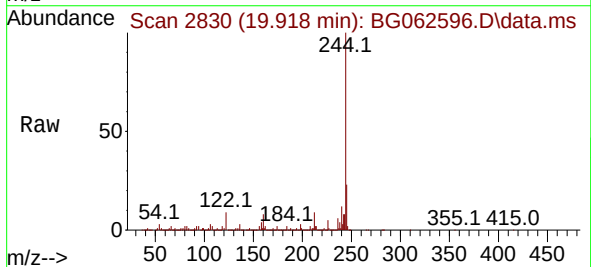
Instrument :
BNA_G
ClientSampleId :
MH-21

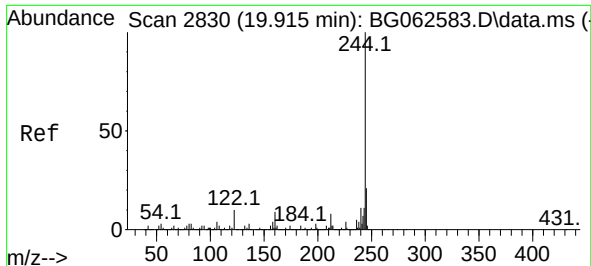
Tgt Ion:240 Resp: 519902
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.7 20.5 30.7



#77
Benzidine
Concen: 9.272 ng
RT: 19.918 min Scan# 2830
Delta R.T. 0.385 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion:184 Resp: 44885
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 5.9 9.3 13.9#

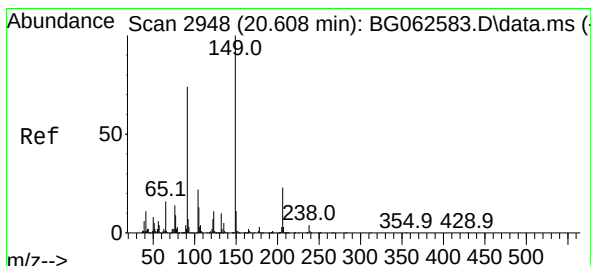
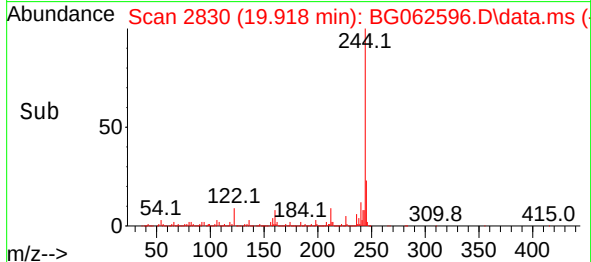
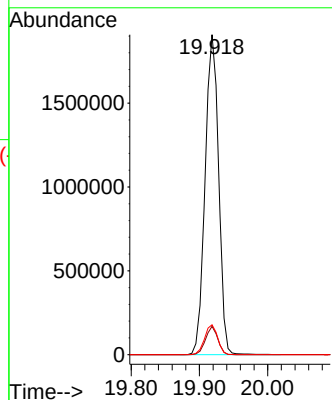
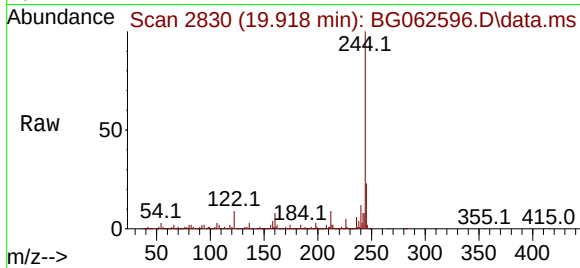




#79
 Terphenyl-d14
 Concen: 105.731 ng
 RT: 19.918 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG062596.D
 Acq: 28 Aug 2024 15:14

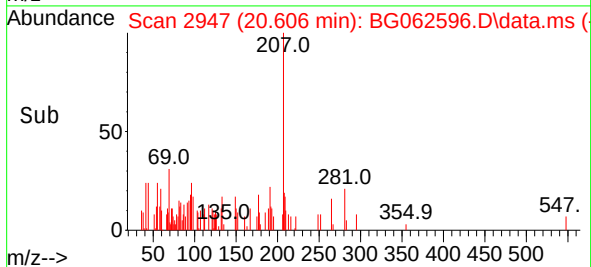
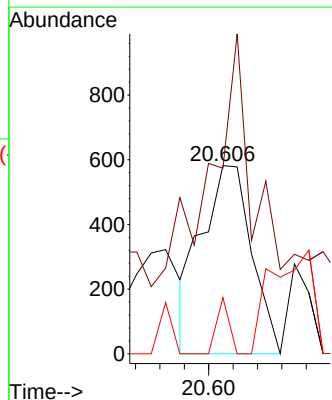
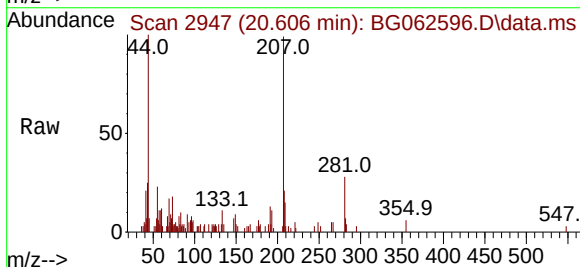
Instrument :
 BNA_G
 ClientSampleId :
 MH-21

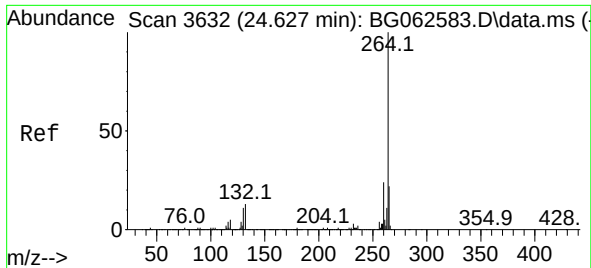
Tgt Ion:244 Resp: 2629197
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 9.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 5.039 ng
 RT: 20.606 min Scan# 2947
 Delta R.T. -0.002 min
 Lab File: BG062596.D
 Acq: 28 Aug 2024 15:14

Tgt Ion:149 Resp: 835
 Ion Ratio Lower Upper
 149 100
 91 98.6 59.0 88.6#
 206 29.9 18.5 27.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.625 min Scan# 3
 Delta R.T. -0.002 min
 Lab File: BG062596.D
 Acq: 28 Aug 2024 15:14

Instrument :
 BNA_G
 ClientSampleId :
 MH-21

Tgt Ion:264 Resp: 600797
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.2 17.8 26.6

