

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062598.D
 Acq On : 28 Aug 2024 16:37
 Operator : MA/JU
 Sample : P3735-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-13

Quant Time: Aug 28 18:06:49 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)

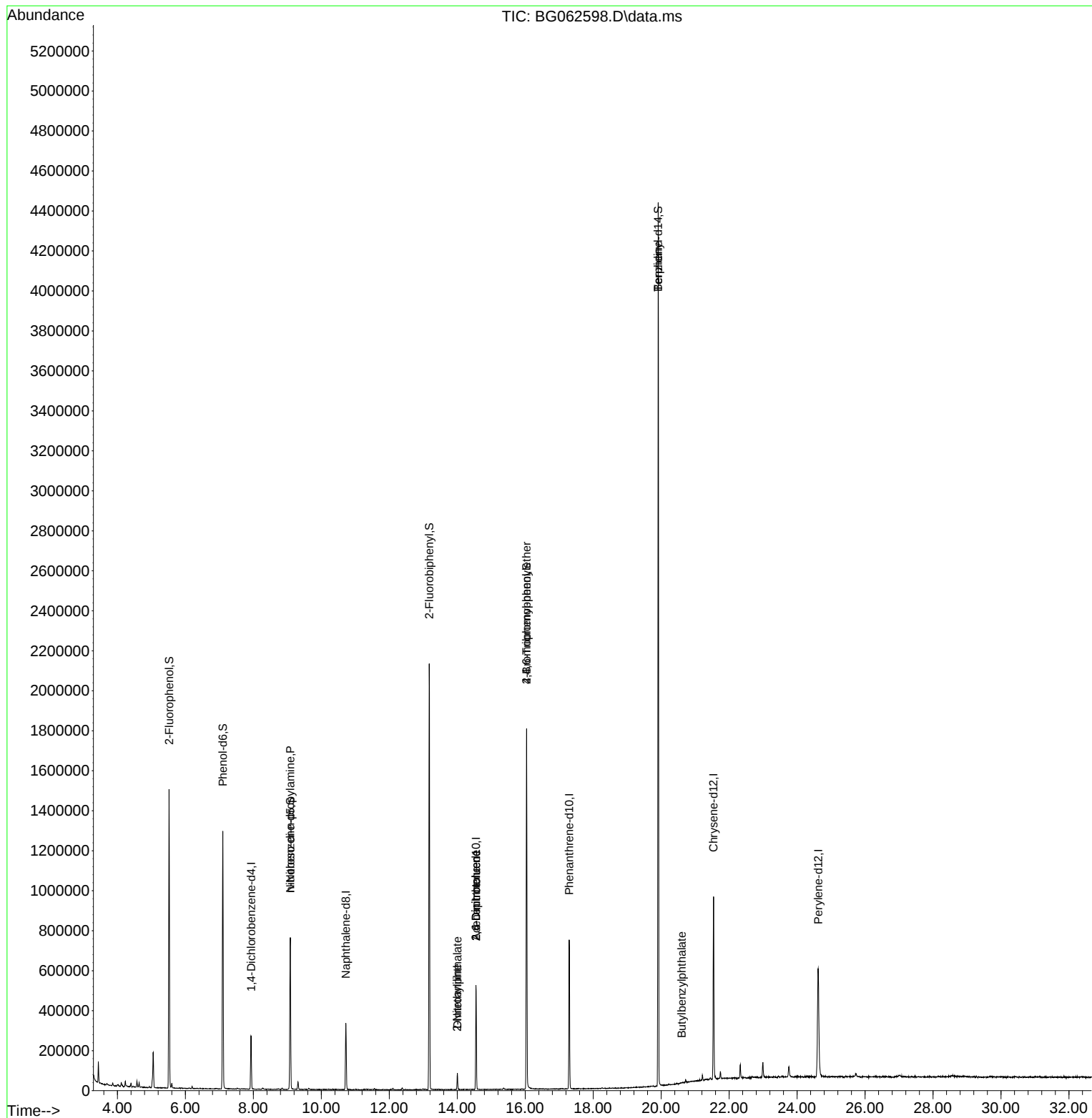
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	75820	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	282149	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	186800	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	486563	20.000	ng	0.00
76) Chrysene-d12	21.542	240	532753	20.000	ng	0.00
86) Perylene-d12	24.621	264	609634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	613701	145.204	ng	0.00
7) Phenol-d6	7.100	99	722201	119.964	ng	0.00
23) Nitrobenzene-d5	9.086	82	457168	107.534	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	375754	182.098	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1122828	98.837	ng	0.00
79) Terphenyl-d14	19.915	244	2224064	87.282	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	58080	14.406	ng	# 79
48) 2-Nitroaniline	13.998	65	277	3.725	ng	# 1
50) Dimethylphthalate	14.004	163	54082	4.455	ng	# 98
51) 2,6-Dinitrotoluene	14.551	165	24440	13.382	ng	# 19
57) 2,4-Dinitrotoluene	14.551	165	24440	8.812	ng	# 20
67) 4-Bromophenyl-phenylether	16.043	248	24429	5.216	ng	# 1
77) Benzidine	19.915	184	35869	8.192	ng	# 96
80) Butylbenzylphthalate	20.608	149	622	5.012	ng	# 51

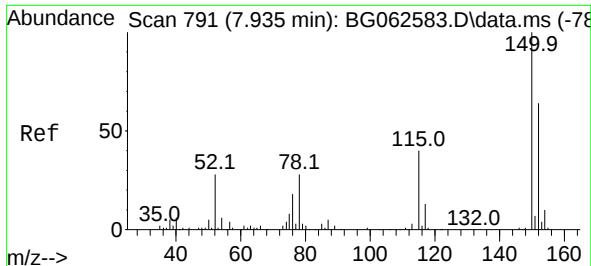
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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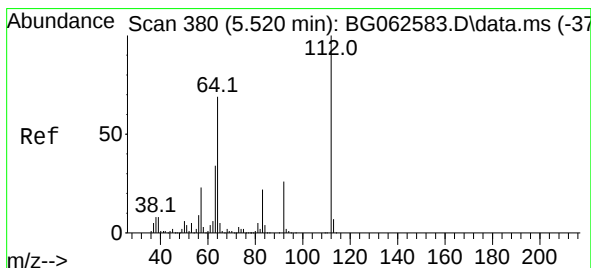
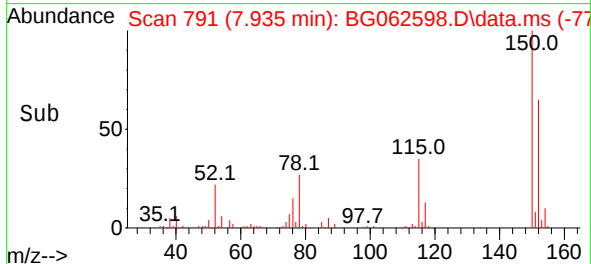
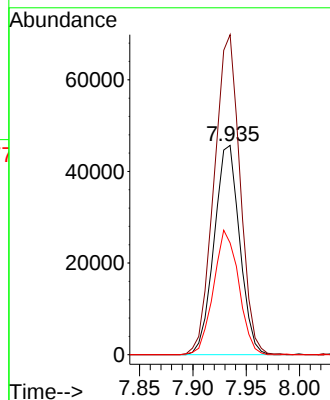
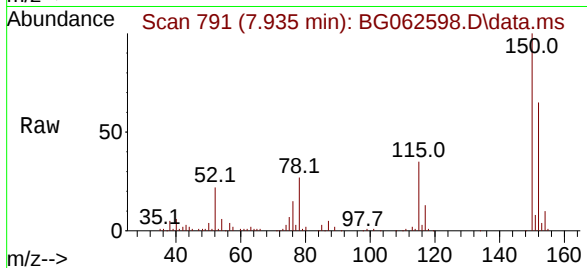




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 791
Delta R.T. -0.000 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

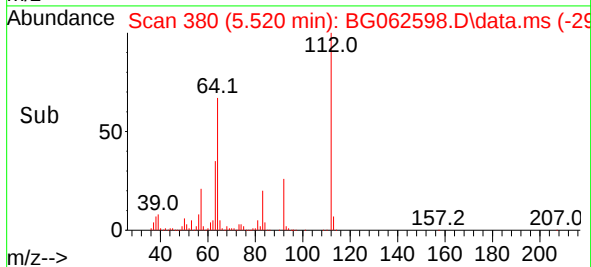
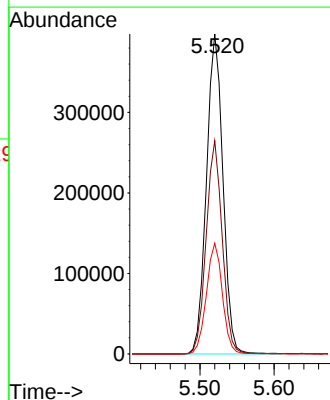
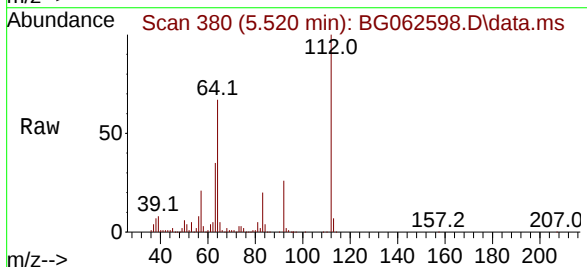
Instrument :
BNA_G
ClientSampleId :
WC-13

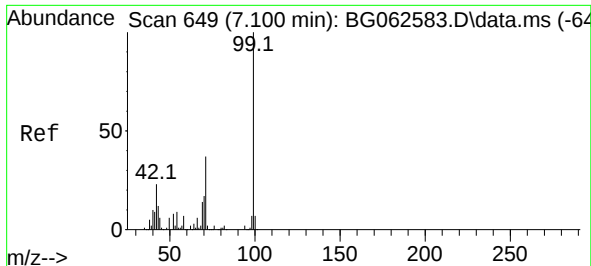
Tgt Ion:152 Resp: 75820
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 53.4 50.6 76.0



#5
2-Fluorophenol
Concen: 145.204 ng
RT: 5.520 min Scan# 380
Delta R.T. 0.000 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion:112 Resp: 613701
Ion Ratio Lower Upper
112 100
64 66.7 55.5 83.3
63 34.6 27.4 41.2

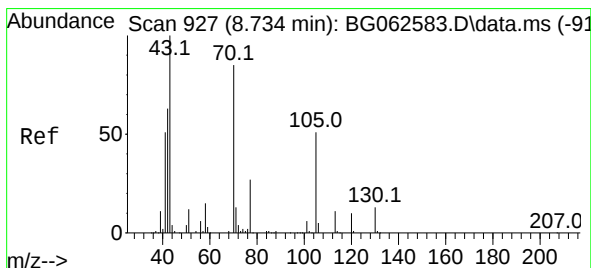
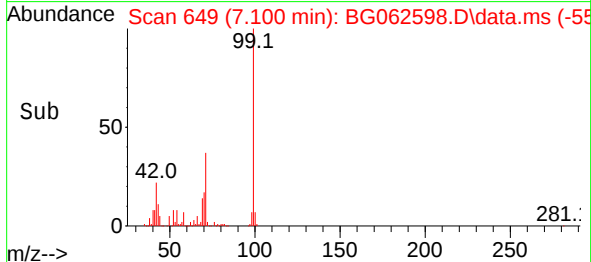
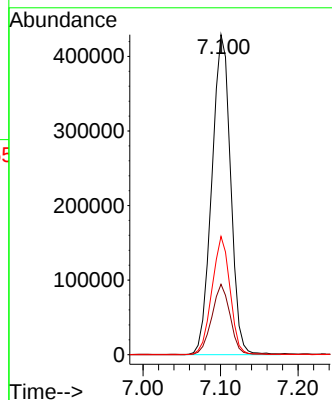
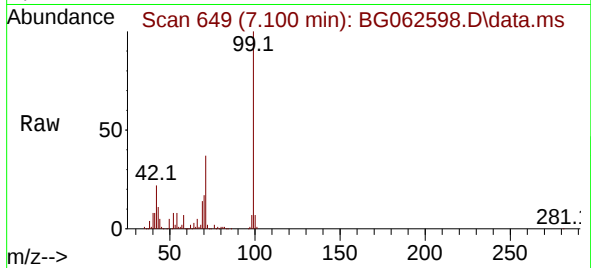




#7
Phenol-d6
Concen: 119.964 ng
RT: 7.100 min Scan# 649
Delta R.T. 0.000 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

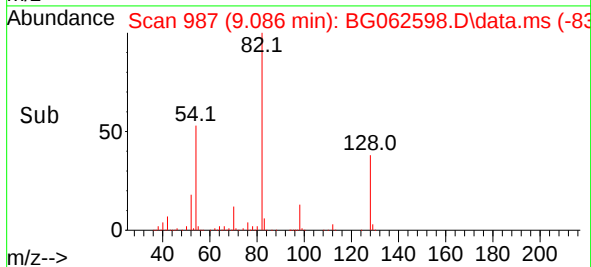
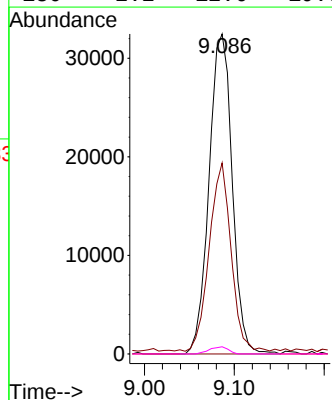
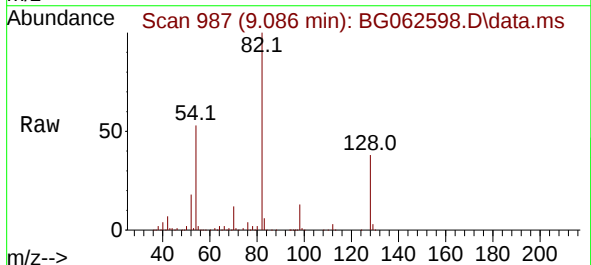
Instrument :
BNA_G
ClientSampleId :
WC-13

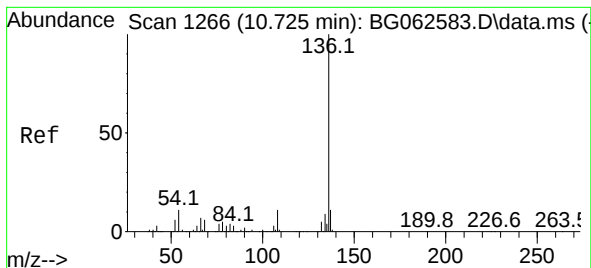
Tgt Ion: 99 Resp: 722201
Ion Ratio Lower Upper
99 100
42 22.0 18.7 28.1
71 37.0 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.406 ng
RT: 9.086 min Scan# 987
Delta R.T. 0.353 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion: 70 Resp: 58080
Ion Ratio Lower Upper
70 100
42 59.7 60.0 90.0#
101 0.0 6.1 9.1#
130 2.2 12.6 19.0#



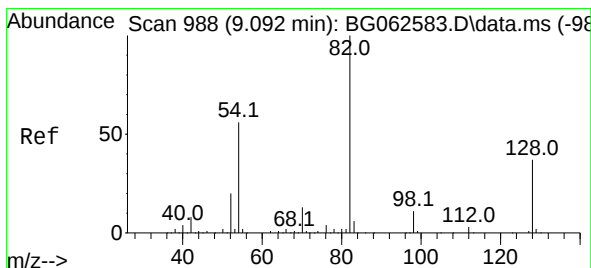
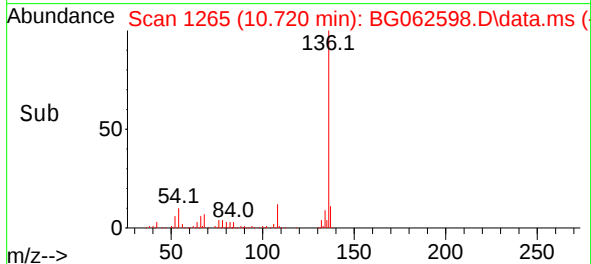
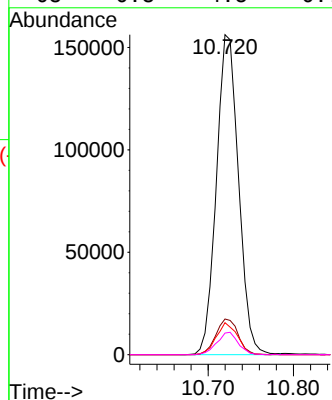
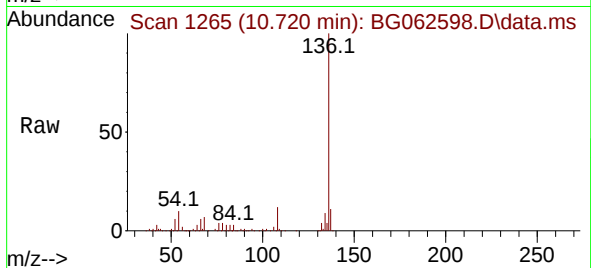


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Instrument :
BNA_G
ClientSampleId :
WC-13

Tgt Ion:136 Resp: 282149

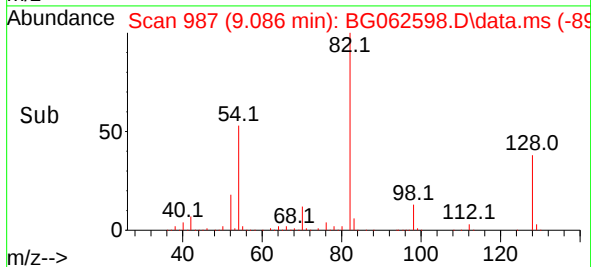
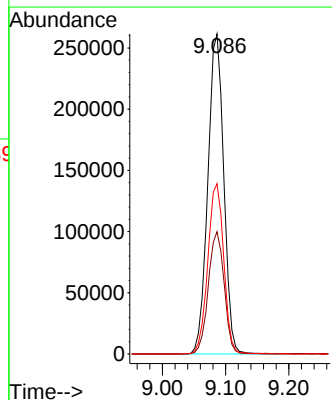
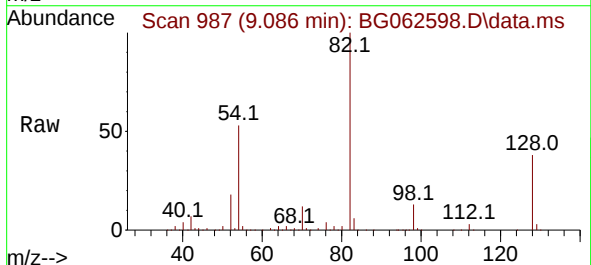
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.0	9.0	13.4
68	6.8	4.5	6.7

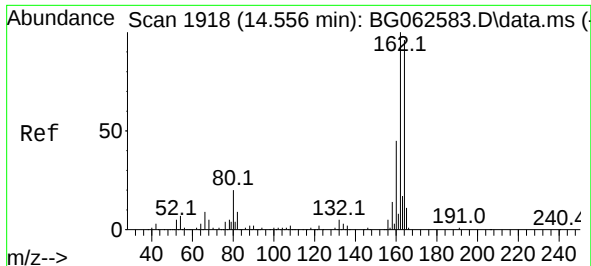


#23
Nitrobenzene-d5
Concen: 107.534 ng
RT: 9.086 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion: 82 Resp: 457168

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.7	44.5
54	53.2	44.4	66.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

Instrument :

BNA_G

ClientSampleId :

WC-13

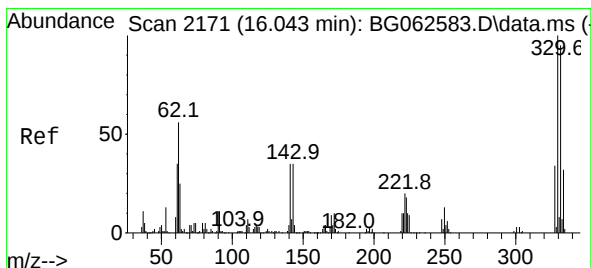
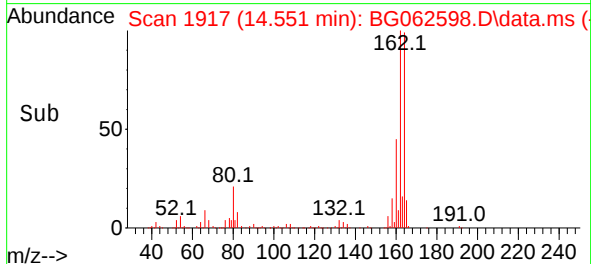
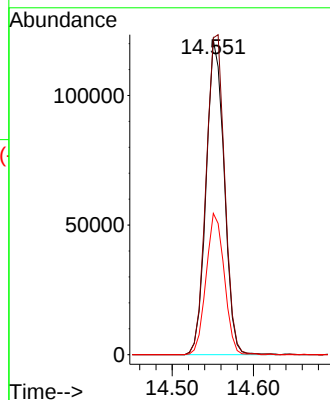
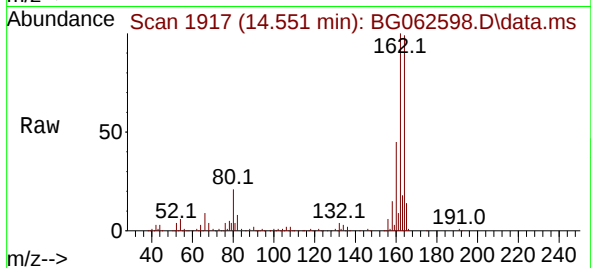
Tgt Ion:164 Resp: 186800

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

160 44.9 37.7 56.5



#42

2,4,6-Tribromophenol

Concen: 182.098 ng

RT: 16.043 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

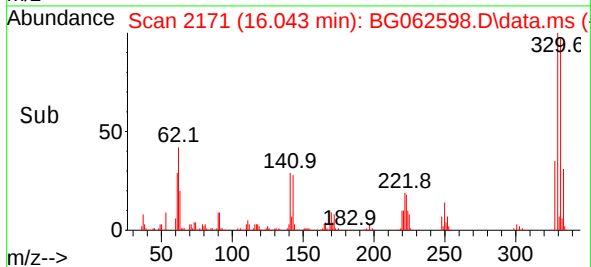
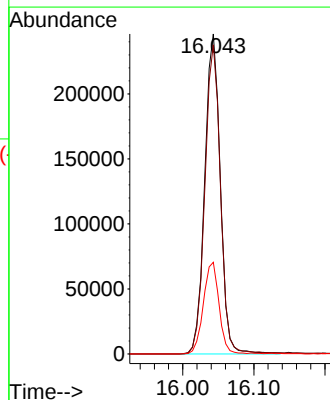
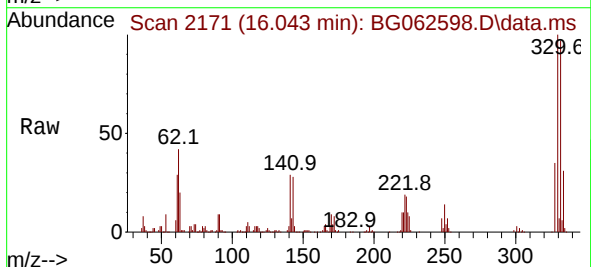
Tgt Ion:330 Resp: 375754

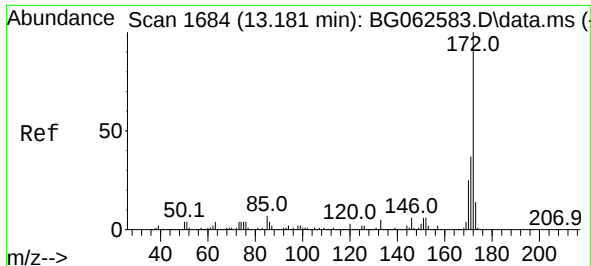
Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 28.8 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 98.837 ng

RT: 13.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

Instrument :

BNA_G

ClientSampleId :

WC-13

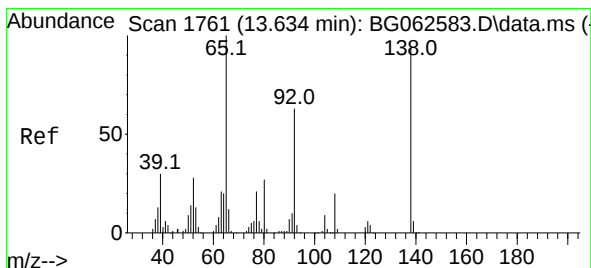
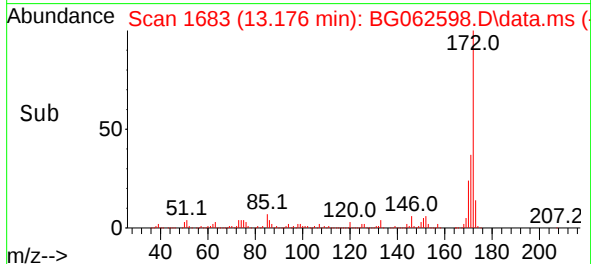
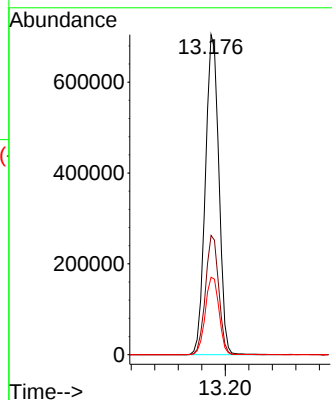
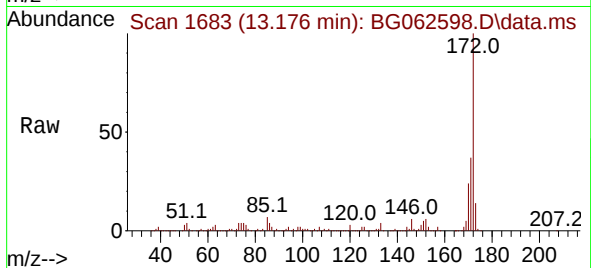
Tgt Ion:172 Resp: 1122828

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 24.2 20.1 30.1



#48

2-Nitroaniline

Concen: 3.725 ng

RT: 13.998 min Scan# 1823

Delta R.T. 0.364 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

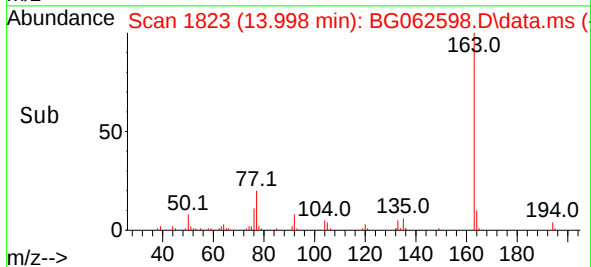
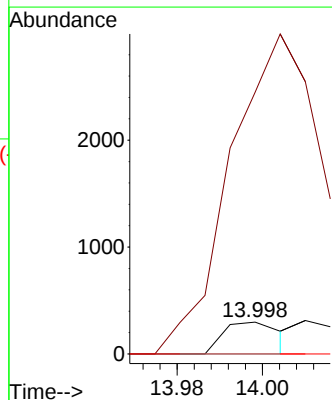
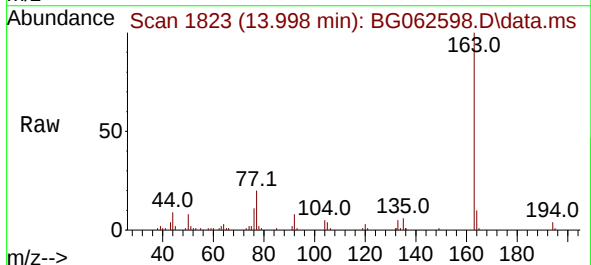
Tgt Ion: 65 Resp: 277

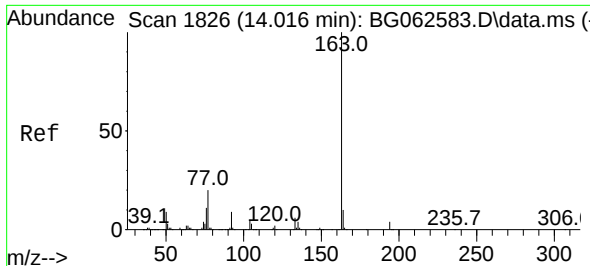
Ion Ratio Lower Upper

65 100

92 821.1 50.6 76.0#

138 0.0 75.4 113.2#

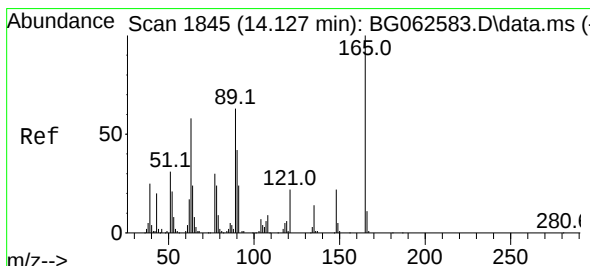
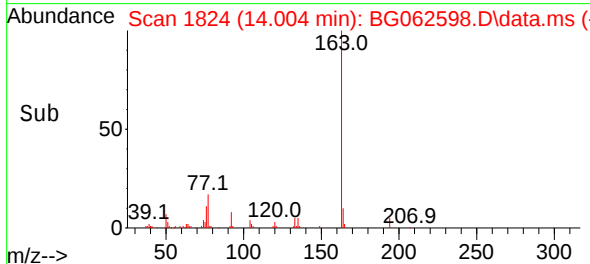
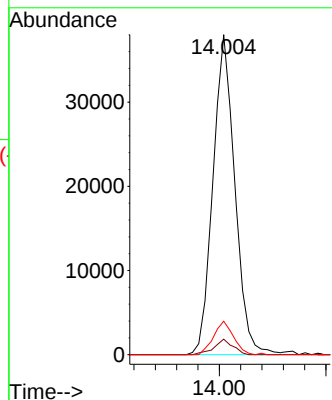
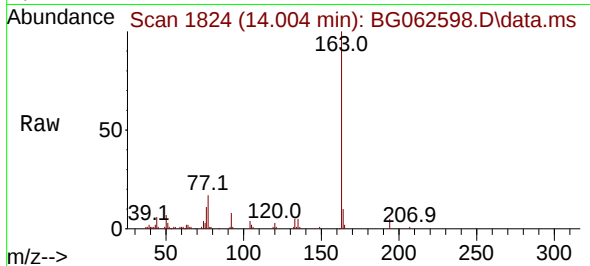




#50
Dimethylphthalate
Concen: 4.455 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

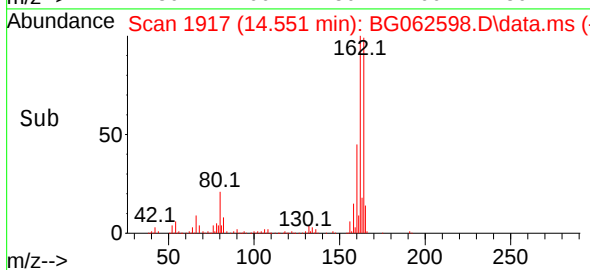
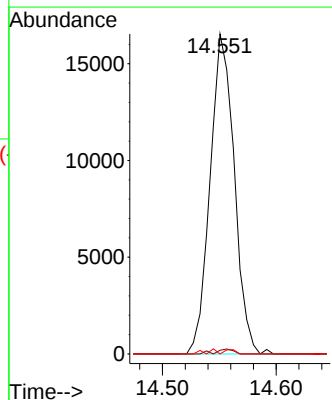
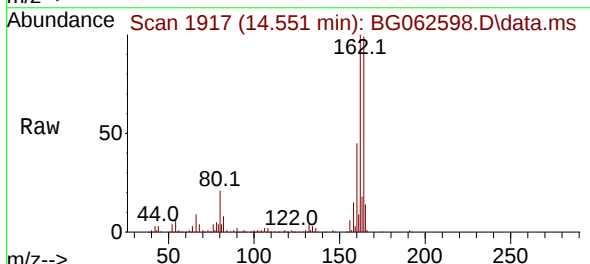
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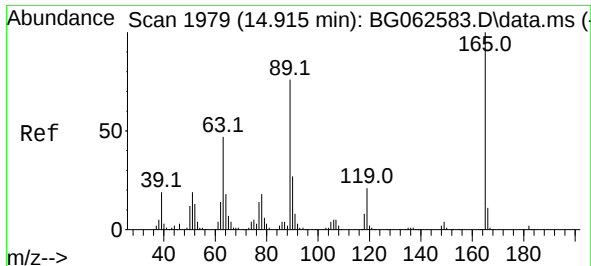
Tgt Ion:163 Resp: 54082
Ion Ratio Lower Upper
163 100
194 4.9 2.8 4.2#
164 10.5 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 13.382 ng
RT: 14.551 min Scan# 1917
Delta R.T. 0.424 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion:165 Resp: 24440
Ion Ratio Lower Upper
165 100
63 1.2 51.0 76.6#
89 0.0 50.6 76.0#

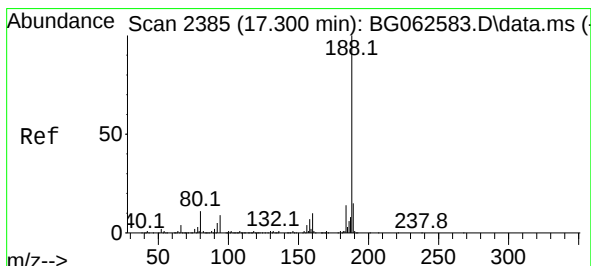
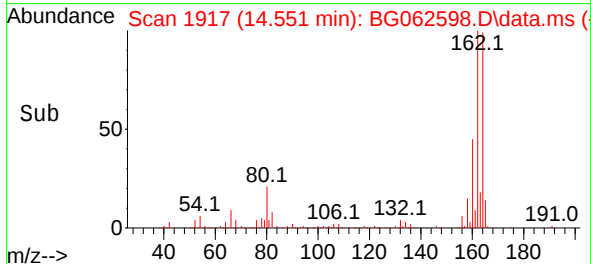
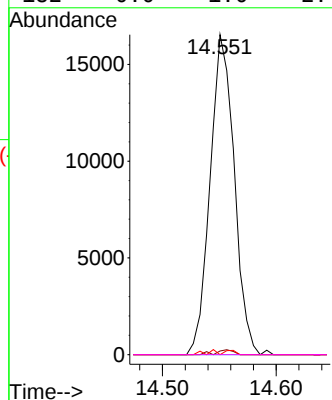
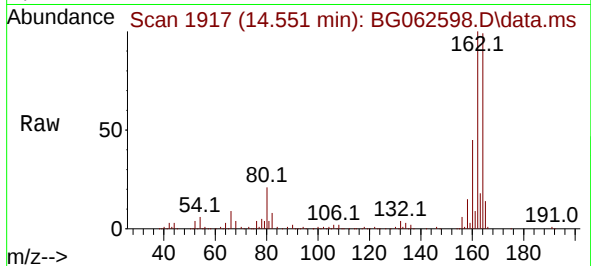




#57
2,4-Dinitrotoluene
Concen: 8.812 ng
RT: 14.551 min Scan# 1917
Delta R.T. -0.364 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

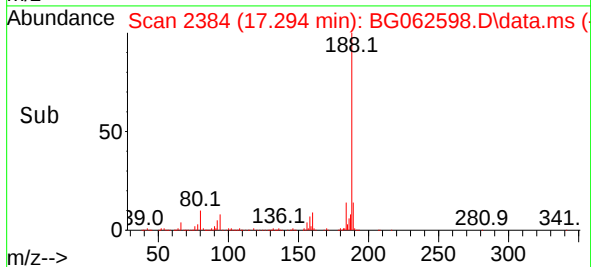
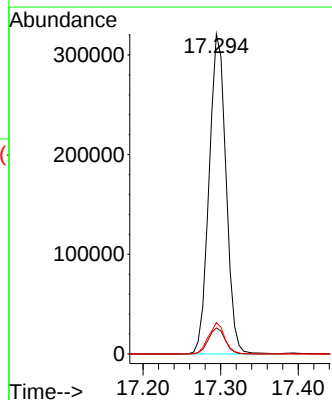
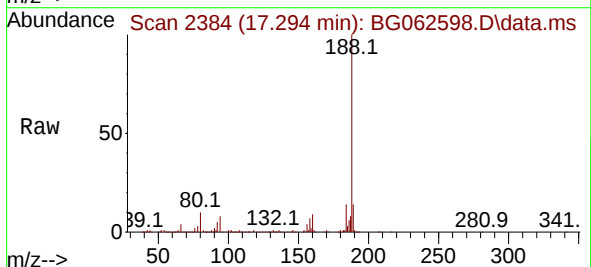
Instrument :
BNA_G
ClientSampleId :
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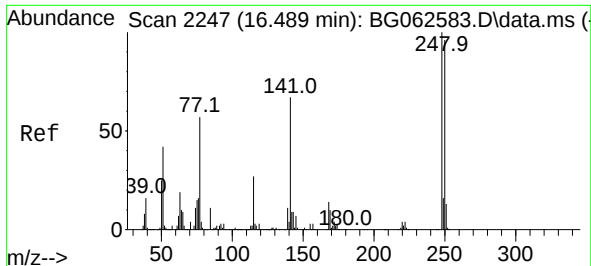
Tgt Ion:165 Resp: 24440
Ion Ratio Lower Upper
165 100
63 1.2 37.5 56.3#
89 0.0 60.8 91.2#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion:188 Resp: 486563
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.8 8.4 12.6





#67

4-Bromophenyl-phenylether

Concen: 5.216 ng

RT: 16.043 min Scan# 2171

Delta R.T. -0.446 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

Instrument :

BNA_G

ClientSampleId :

WC-13

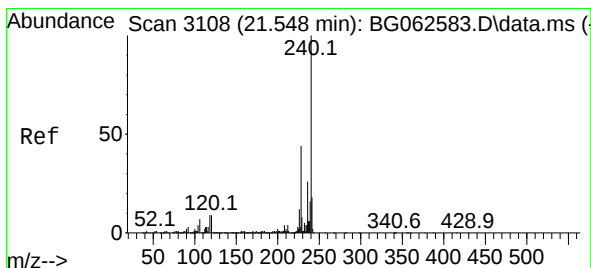
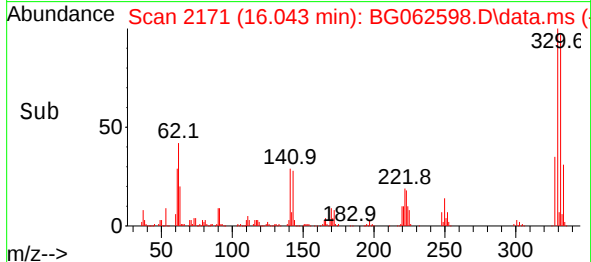
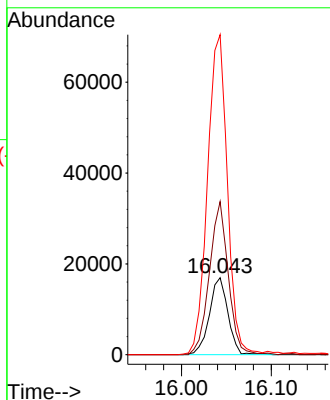
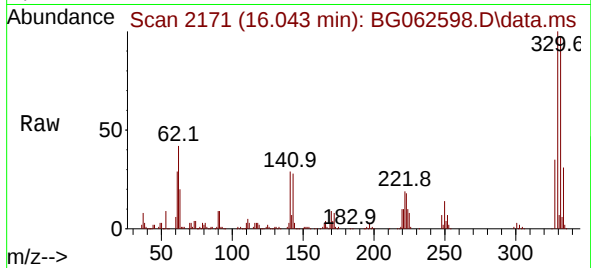
Tgt Ion:248 Resp: 24429

Ion Ratio Lower Upper

248 100

250 198.7 76.7 115.1#

141 415.4 54.0 81.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

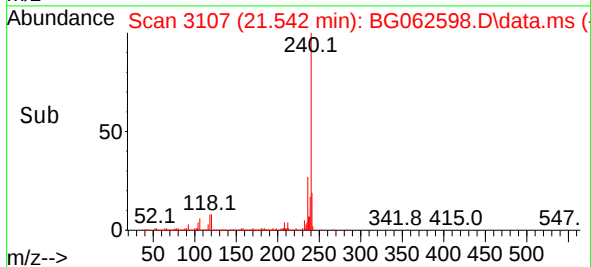
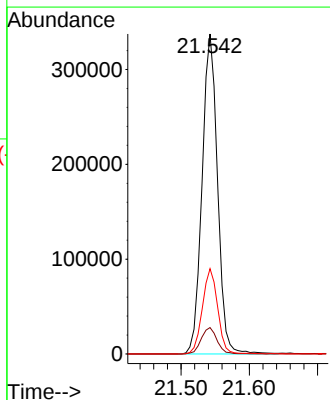
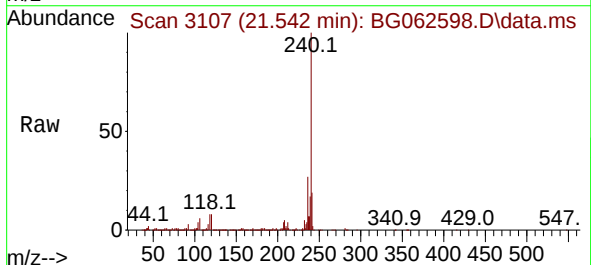
Tgt Ion:240 Resp: 532753

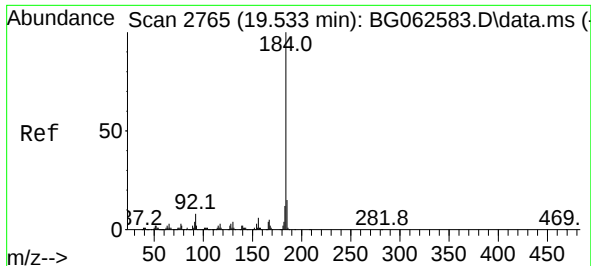
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

236 26.6 20.5 30.7

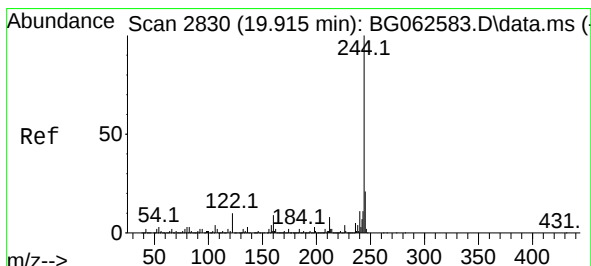
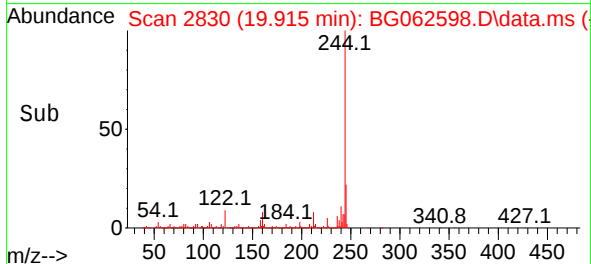
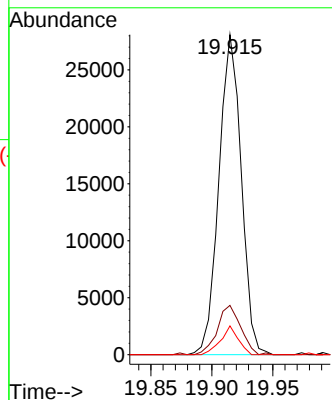
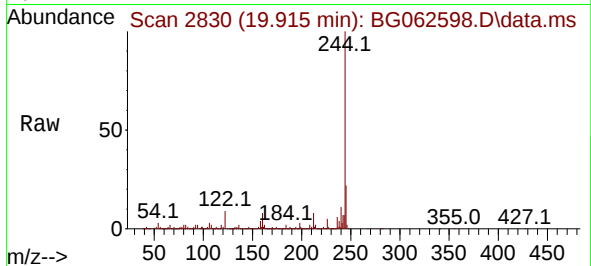




#77
Benzidine
Concen: 8.192 ng
RT: 19.915 min Scan# 2830
Delta R.T. 0.382 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

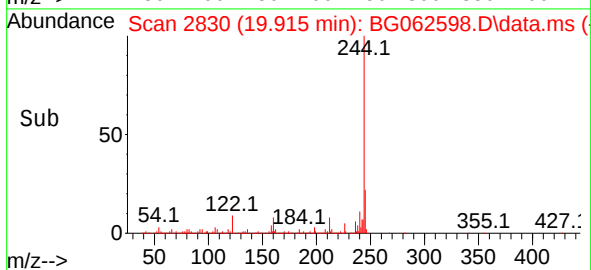
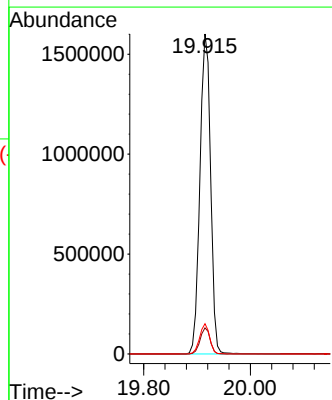
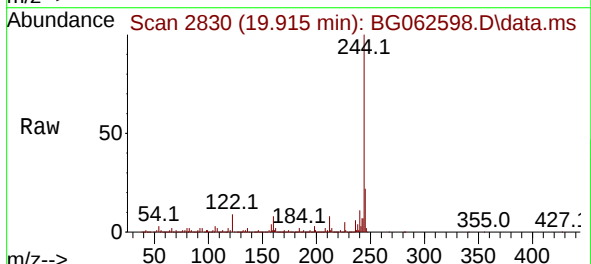
Instrument :
BNA_G
ClientSampleId :
WC-13

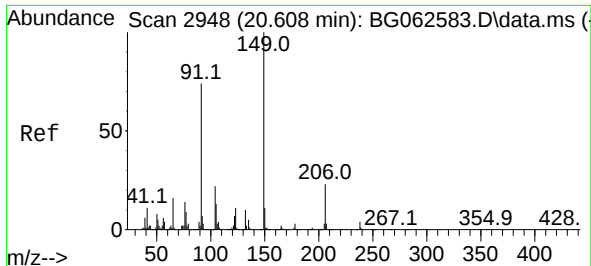
Tgt Ion:184 Resp: 35869
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 9.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 87.282 ng
RT: 19.915 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG062598.D
Acq: 28 Aug 2024 16:37

Tgt Ion:244 Resp: 2224064
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 9.4 8.4 12.6





#80

Butylbenzylphthalate

Concen: 5.012 ng

RT: 20.608 min Scan# 20

Delta R.T. 0.000 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

Instrument :

BNA_G

ClientSampleId :

WC-13

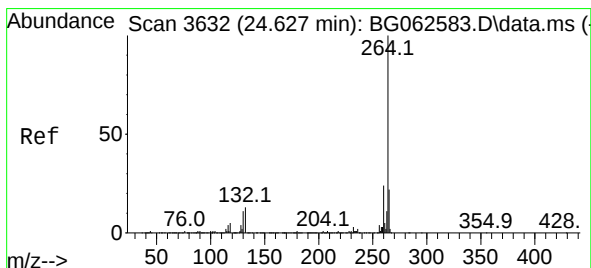
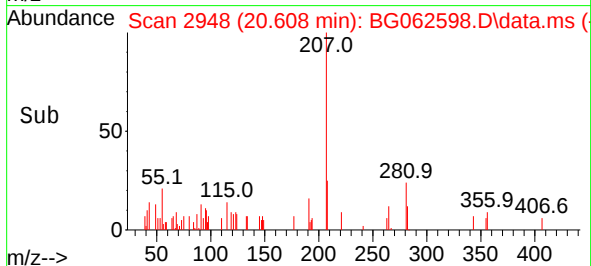
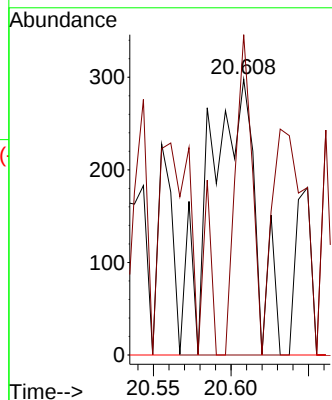
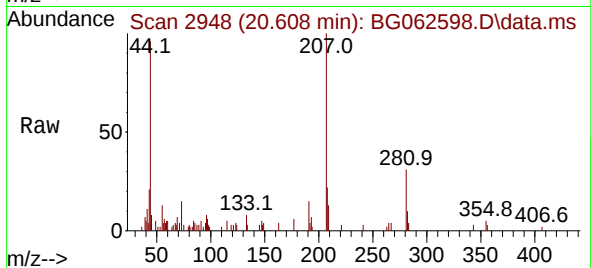
Tgt Ion:149 Resp: 622

Ion Ratio Lower Upper

149 100

91 116.1 59.0 88.6#

206 0.0 18.5 27.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.621 min Scan# 3631

Delta R.T. -0.006 min

Lab File: BG062598.D

Acq: 28 Aug 2024 16:37

Tgt Ion:264 Resp: 609634

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.7 17.8 26.6

