

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062597.D
 Acq On : 28 Aug 2024 15:55
 Operator : MA/JU
 Sample : P3735-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11

Quant Time: Aug 28 16:53:28 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)

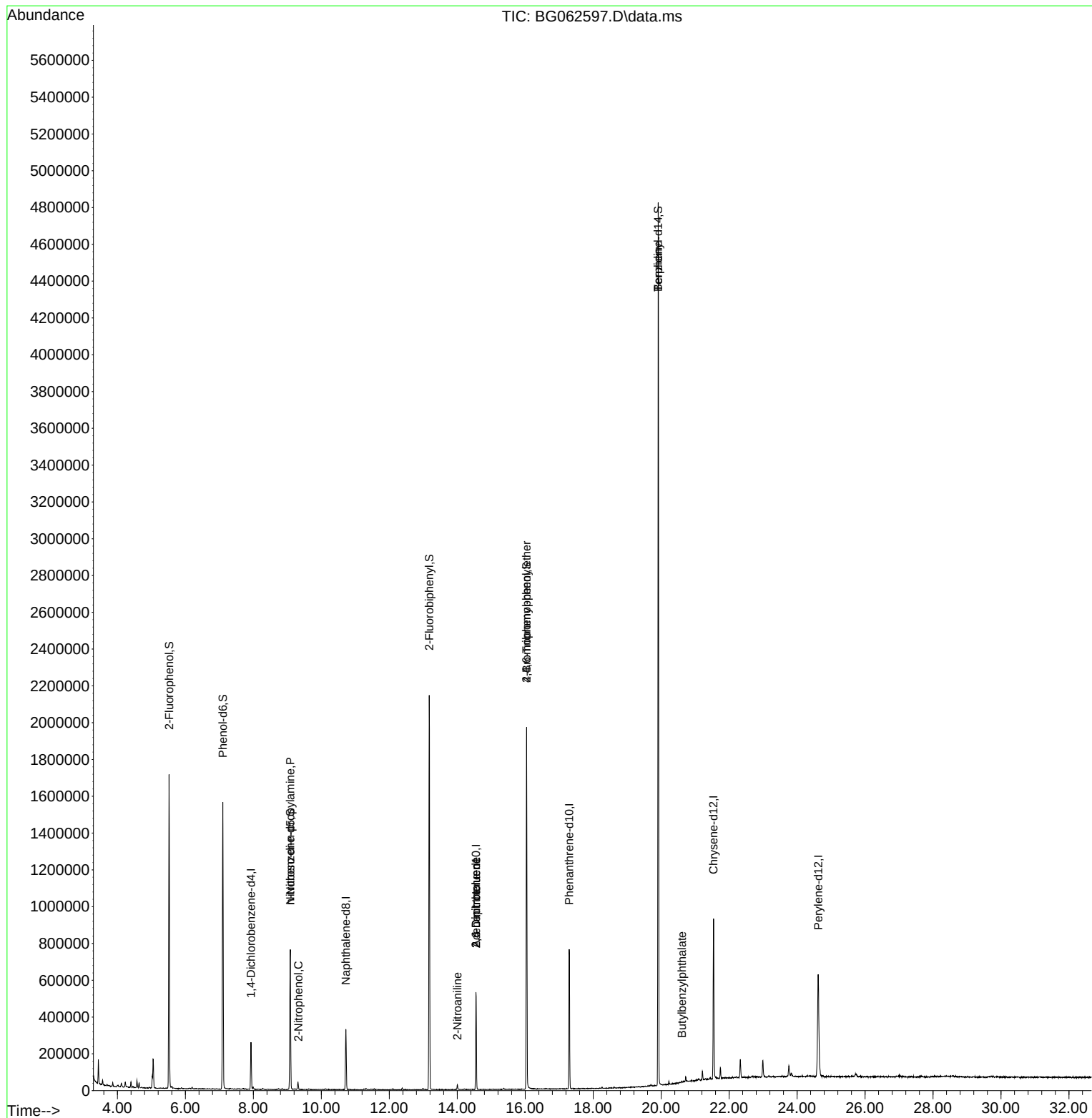
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	72873	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	281931	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	190295	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	491167	20.000	ng	0.00
76) Chrysene-d12	21.542	240	521431	20.000	ng	0.00
86) Perylene-d12	24.621	264	600417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	697802	171.779	ng	0.00
7) Phenol-d6	7.100	99	877814	151.709	ng	0.00
23) Nitrobenzene-d5	9.086	82	446830	105.184	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	407676	193.940	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1131971	97.812	ng	0.00
79) Terphenyl-d14	19.915	244	2464041	98.799	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	59255	15.292	ng	# 74
26) 2-Nitrophenol	9.327	139	297	2.960	ng	# 31
48) 2-Nitroaniline	14.004	65	203	3.691	ng	# 1
51) 2,6-Dinitrotoluene	14.551	165	25391	13.571	ng	# 19
57) 2,4-Dinitrotoluene	14.551	165	25391	8.987	ng	# 21
67) 4-Bromophenyl-phenylether	16.043	248	28085	5.940	ng	# 1
77) Benzidine	19.915	184	40531	8.783	ng	# 90
80) Butylbenzylphthalate	20.614	149	727	5.026	ng	# 66

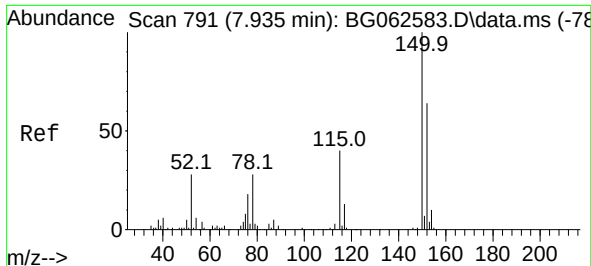
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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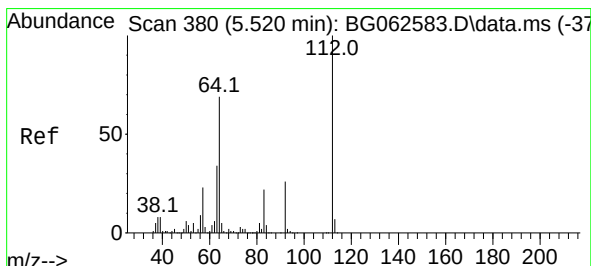
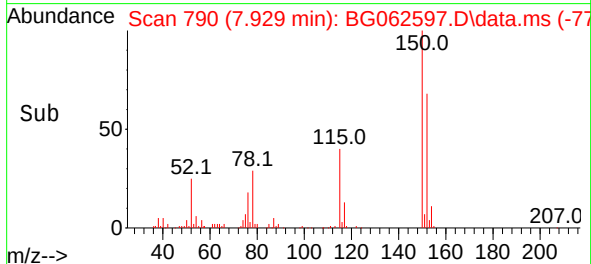
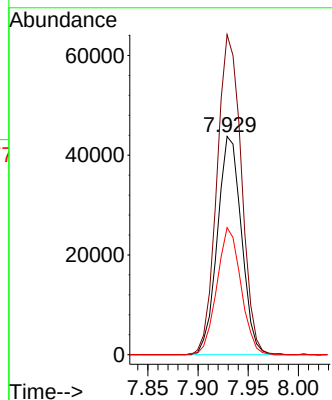
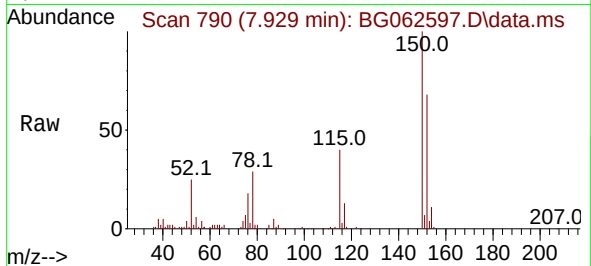




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

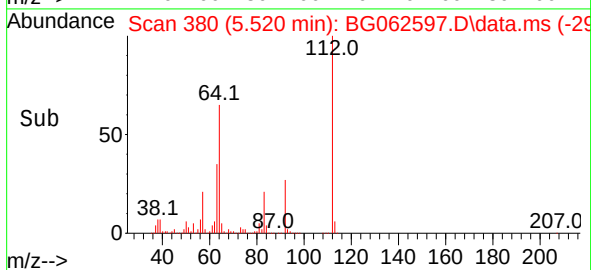
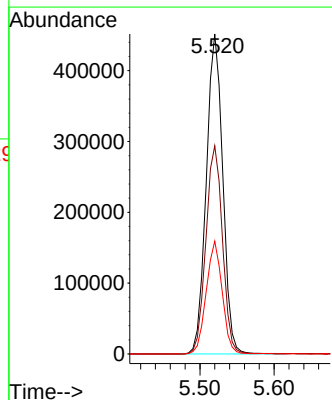
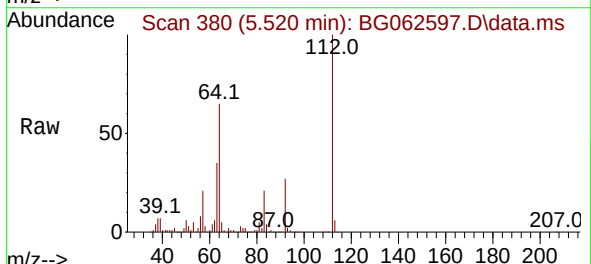
Instrument :
BNA_G
ClientSampleId :
WC-11

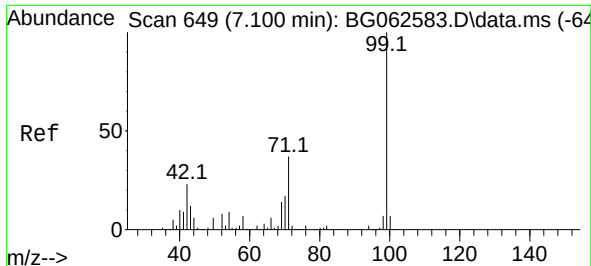
Tgt Ion:152 Resp: 72873
Ion Ratio Lower Upper
152 100
150 146.7 125.1 187.7
115 58.3 50.6 76.0



#5
2-Fluorophenol
Concen: 171.779 ng
RT: 5.520 min Scan# 380
Delta R.T. 0.000 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion:112 Resp: 697802
Ion Ratio Lower Upper
112 100
64 65.0 55.5 83.3
63 35.3 27.4 41.2

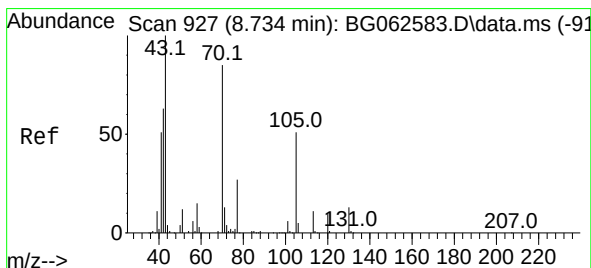
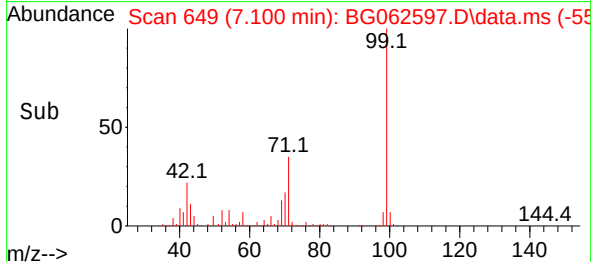
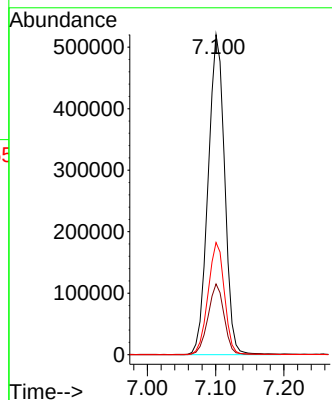
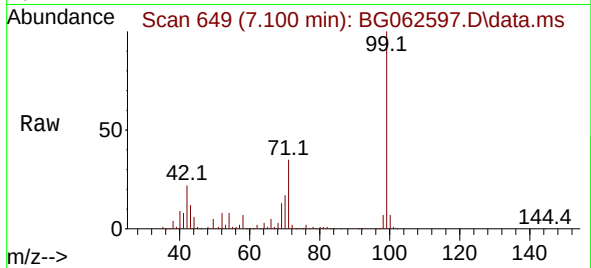




#7
Phenol-d6
Concen: 151.709 ng
RT: 7.100 min Scan# 649
Delta R.T. 0.000 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

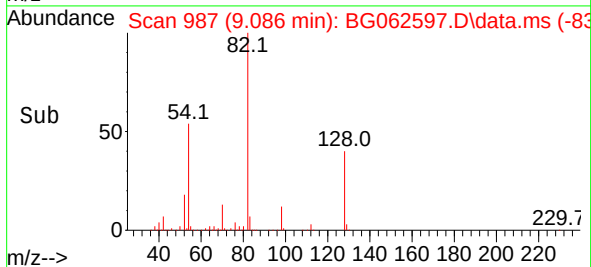
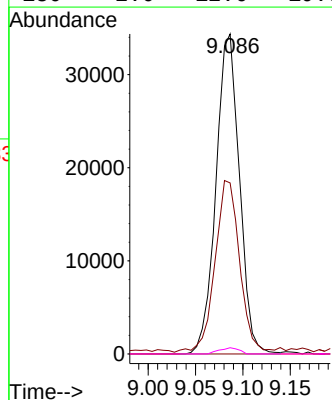
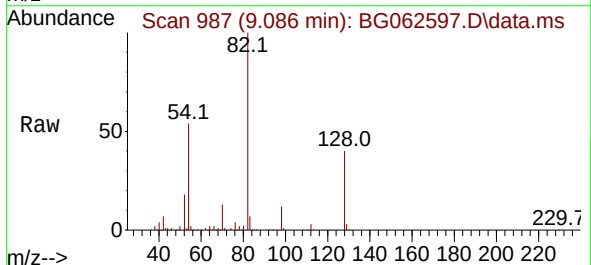
Instrument :
BNA_G
ClientSampleId :
WC-11

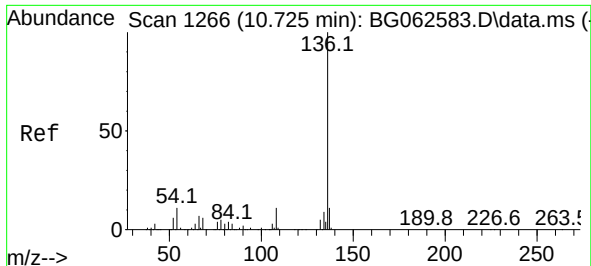
Tgt Ion: 99 Resp: 877814
Ion Ratio Lower Upper
99 100
42 22.1 18.7 28.1
71 35.1 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.292 ng
RT: 9.086 min Scan# 987
Delta R.T. 0.353 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion: 70 Resp: 59255
Ion Ratio Lower Upper
70 100
42 53.5 60.0 90.0#
101 0.0 6.1 9.1#
130 2.0 12.6 19.0#

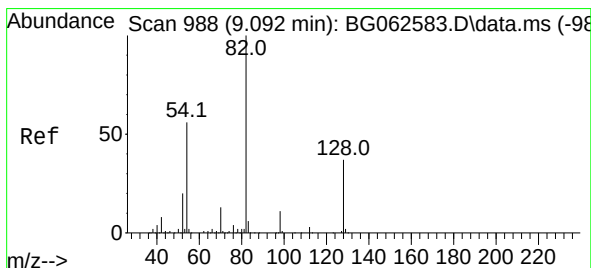
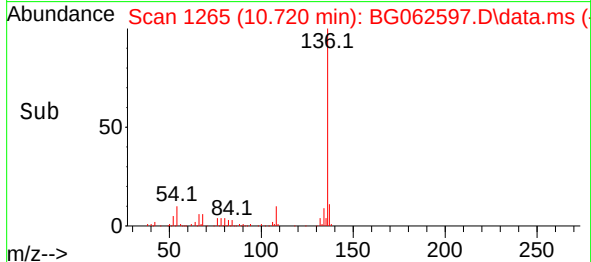
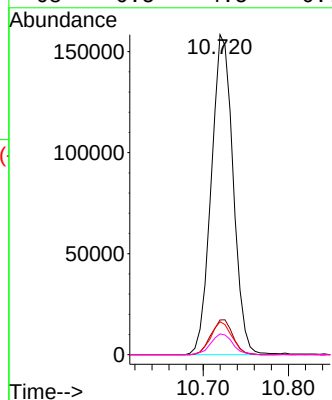
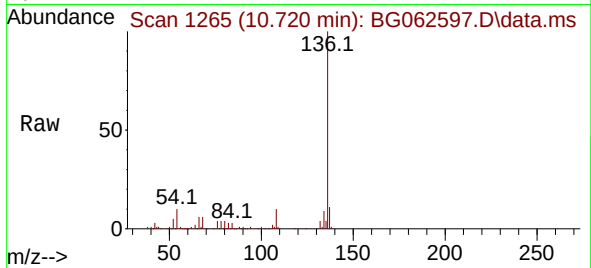




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

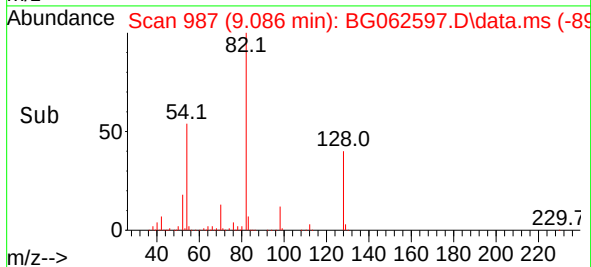
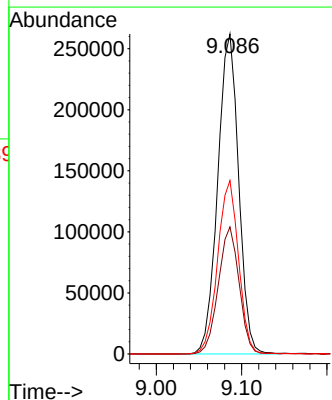
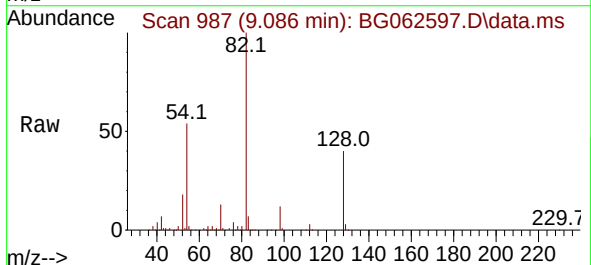
Instrument :
BNA_G
ClientSampleId :
WC-11

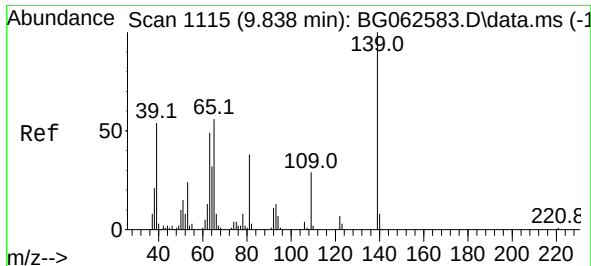
Tgt Ion:	136	Resp:	281931
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	9.0	13.4
68	6.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 105.184 ng
RT: 9.086 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion:	82	Resp:	446830
Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.7	44.5
54	54.2	44.4	66.6





#26

2-Nitrophenol

Concen: 2.960 ng

RT: 9.327 min Scan# 1

Delta R.T. -0.511 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

Instrument :

BNA_G

ClientSampleId :

WC-11

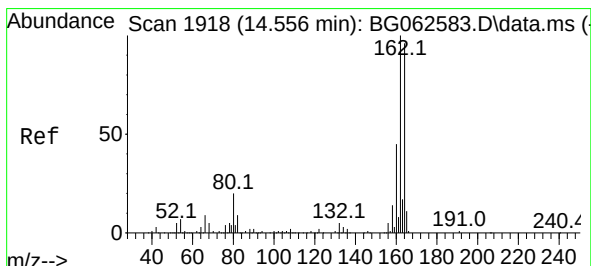
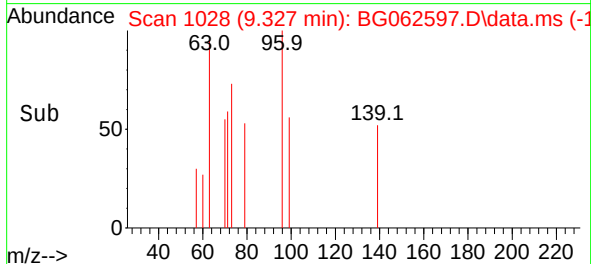
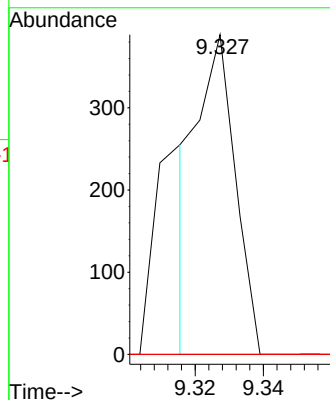
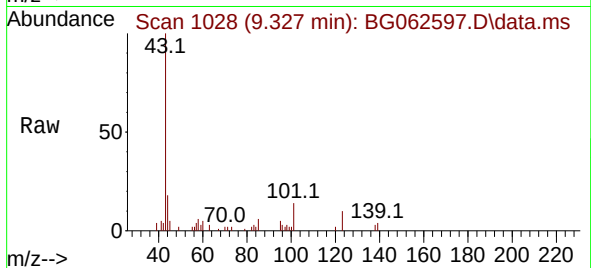
Tgt Ion:139 Resp: 297

Ion Ratio Lower Upper

139 100

109 0.0 23.1 34.7#

65 0.0 44.6 67.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

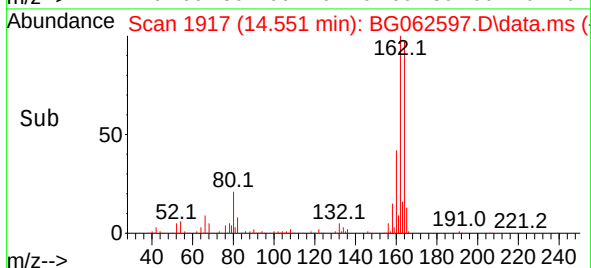
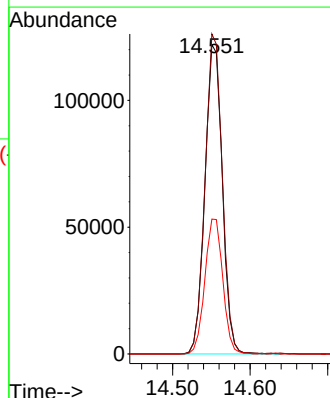
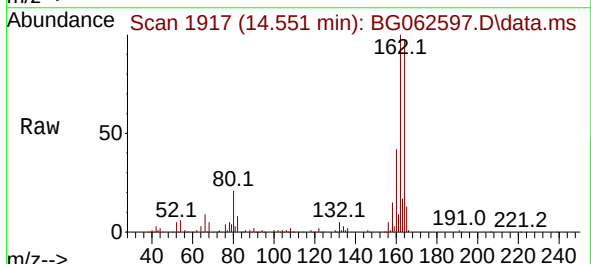
Tgt Ion:164 Resp: 190295

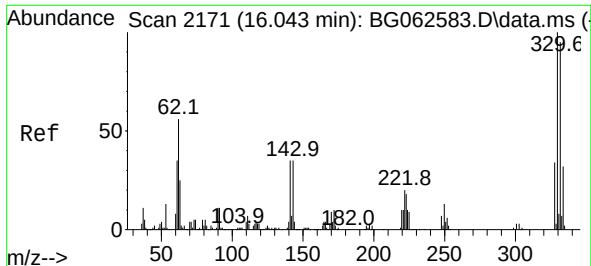
Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

160 43.6 37.7 56.5

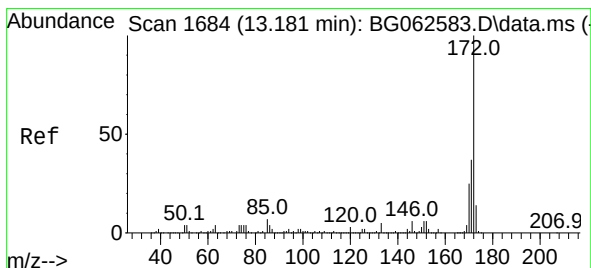
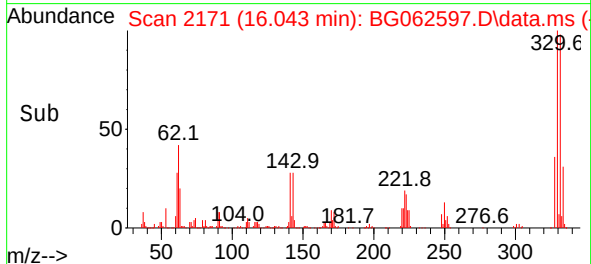
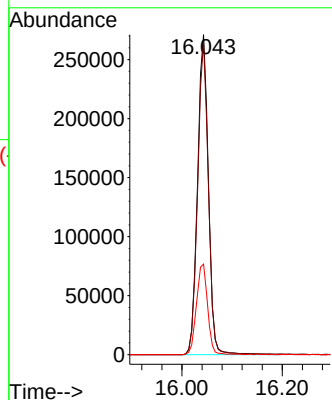
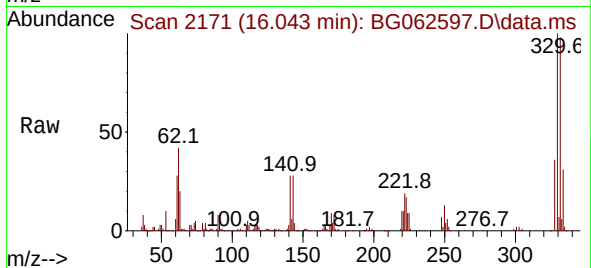




#42
2,4,6-Tribromophenol
Concen: 193.940 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

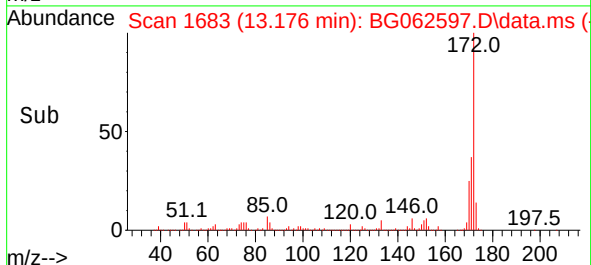
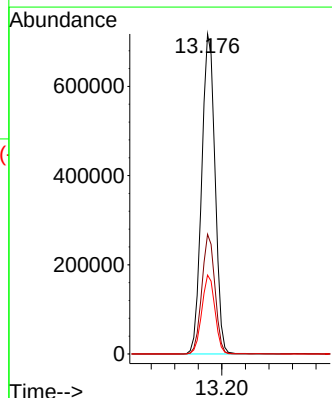
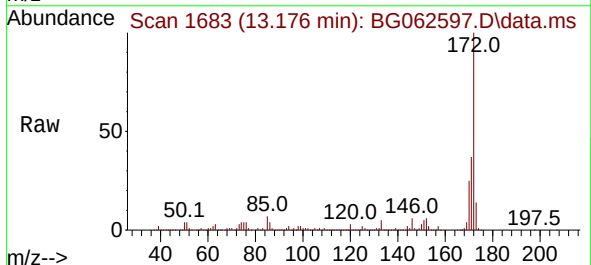
Instrument :
BNA_G
ClientSampleId :
WC-11

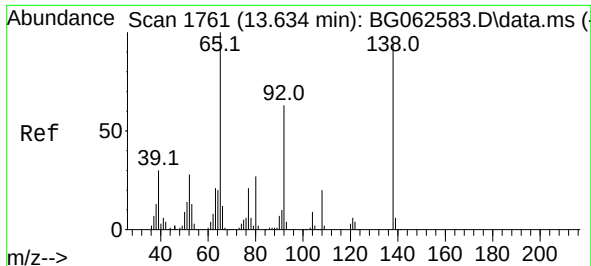
Tgt Ion:330 Resp: 407676
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 29.0 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 97.812 ng
RT: 13.176 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion:172 Resp: 1131971
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 24.6 20.1 30.1





#48

2-Nitroaniline

Concen: 3.691 ng

RT: 14.004 min Scan# 1

Delta R.T. 0.370 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

Instrument :

BNA_G

ClientSampleId :

WC-11

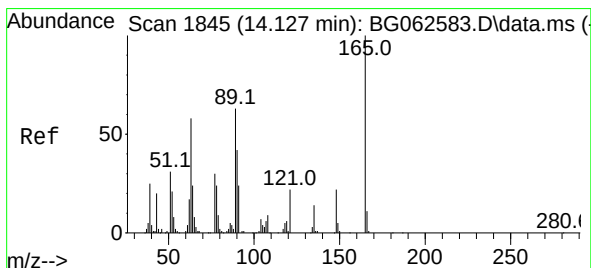
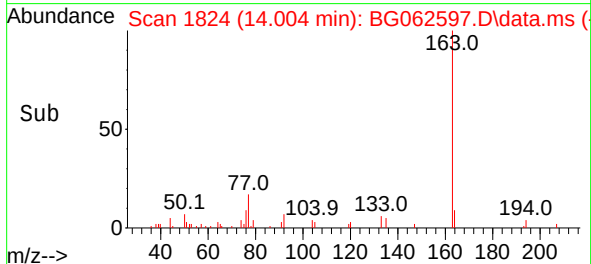
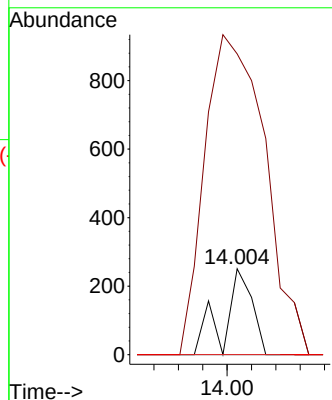
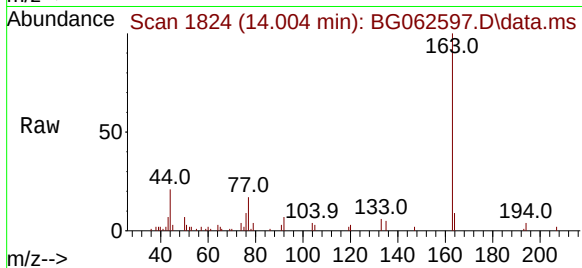
Tgt Ion: 65 Resp: 203

Ion Ratio Lower Upper

65 100

92 214.1 50.6 76.0#

138 0.0 75.4 113.2#



#51

2,6-Dinitrotoluene

Concen: 13.571 ng

RT: 14.551 min Scan# 1917

Delta R.T. 0.424 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

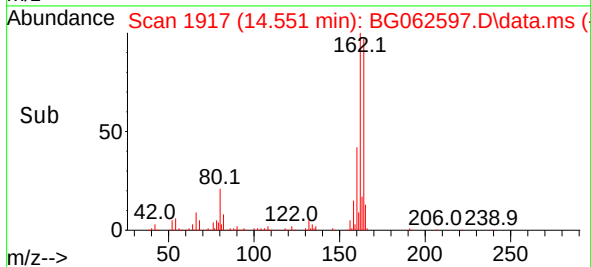
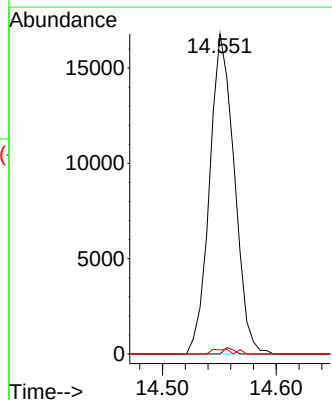
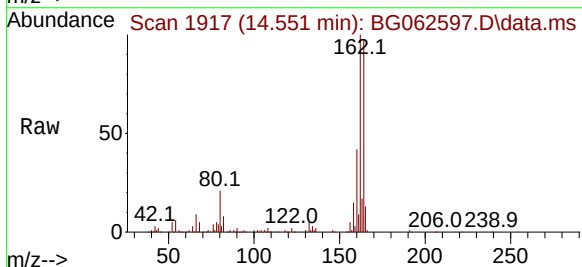
Tgt Ion:165 Resp: 25391

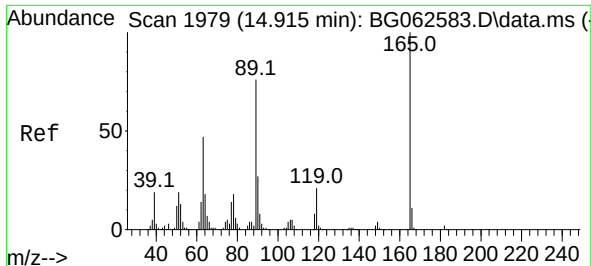
Ion Ratio Lower Upper

165 100

63 0.0 51.0 76.6#

89 1.3 50.6 76.0#





#57

2,4-Dinitrotoluene

Concen: 8.987 ng

RT: 14.551 min Scan# 1

Delta R.T. -0.364 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

Instrument :

BNA_G

ClientSampleId :

WC-11

Tgt Ion:165 Resp: 25391

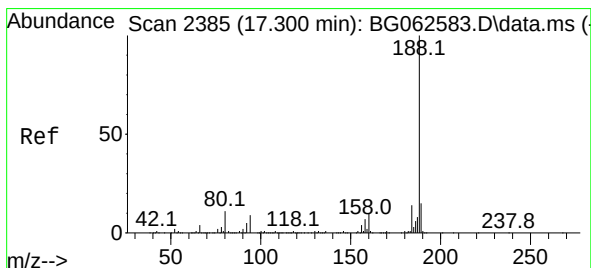
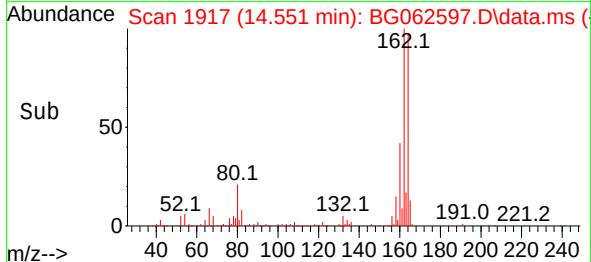
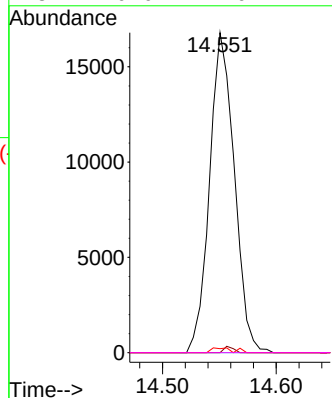
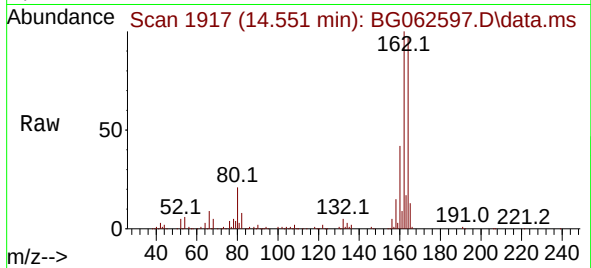
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.294 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

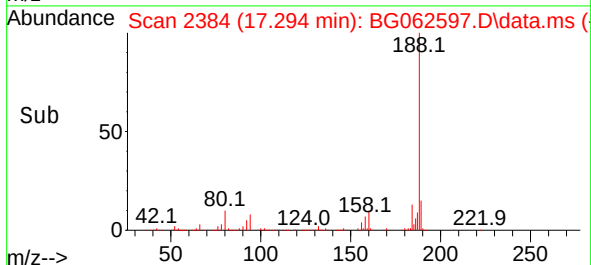
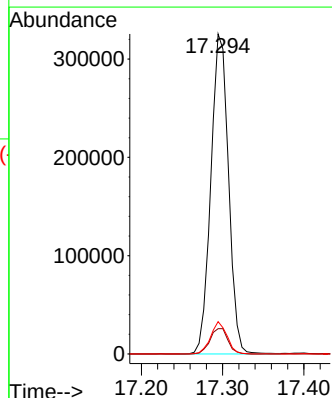
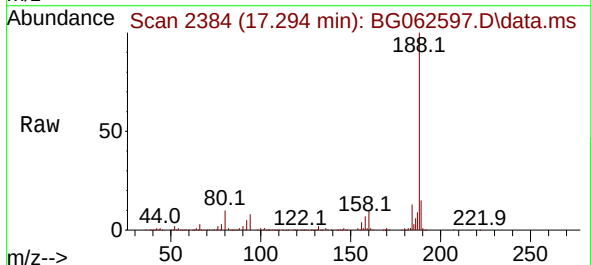
Tgt Ion:188 Resp: 491167

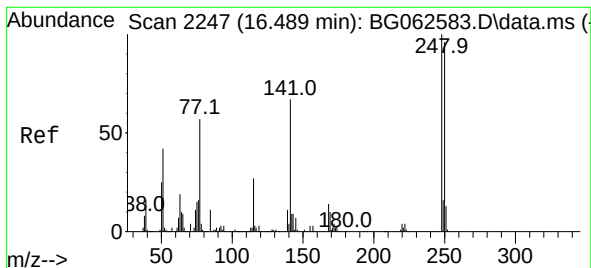
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 10.1 8.4 12.6

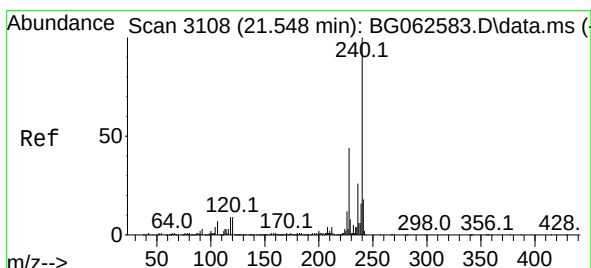
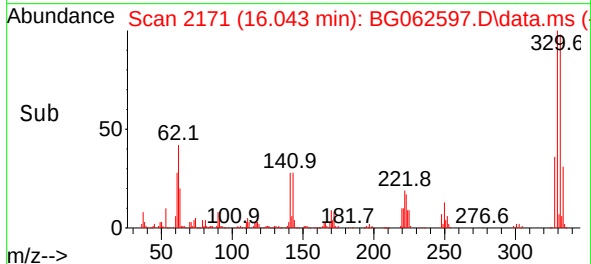
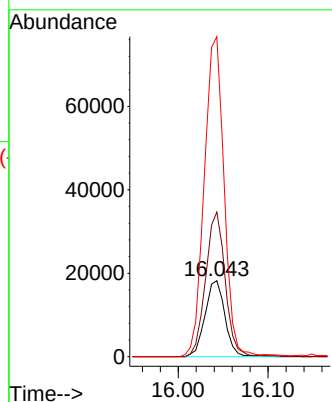
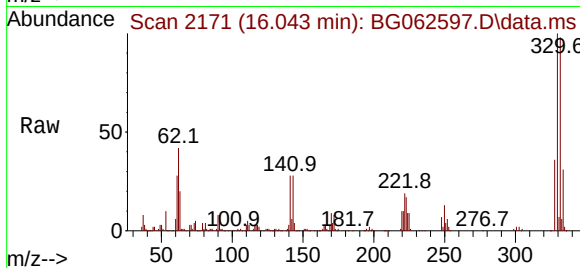




#67
4-Bromophenyl-phenylether
Concen: 5.940 ng
RT: 16.043 min Scan# 2171
Delta R.T. -0.446 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

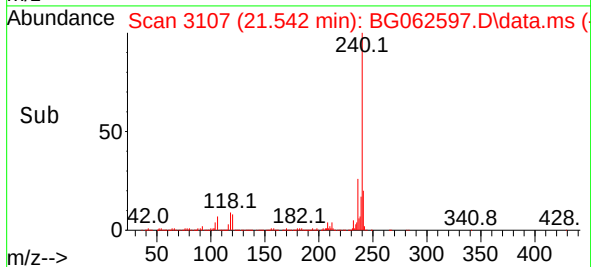
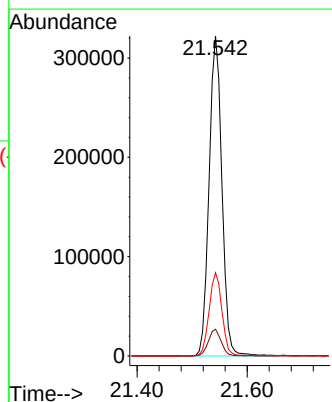
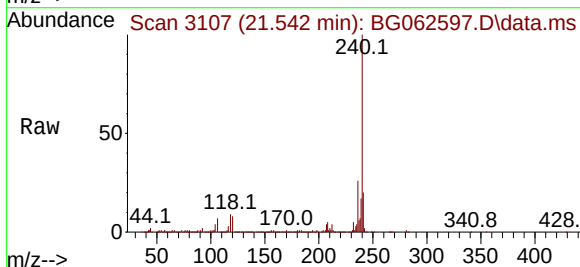
Instrument :
BNA_G
ClientSampleId :
WC-11

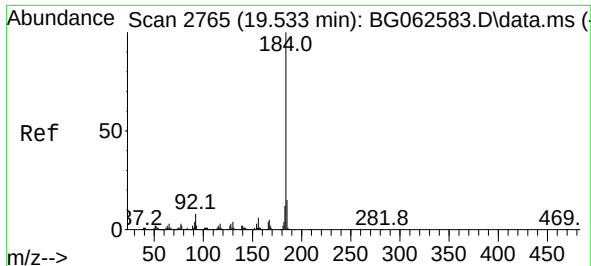
Tgt Ion:248 Resp: 28085
Ion Ratio Lower Upper
248 100
250 243.9 76.7 115.1#
141 421.1 54.0 81.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion:240 Resp: 521431
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 26.0 20.5 30.7

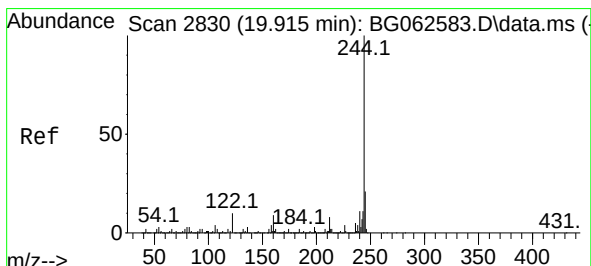
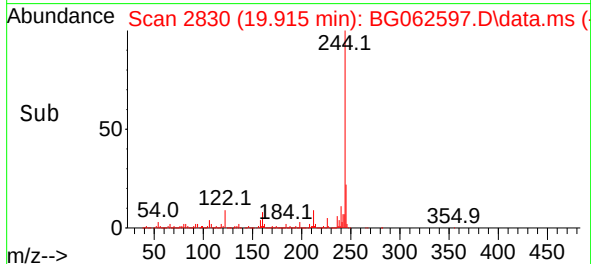
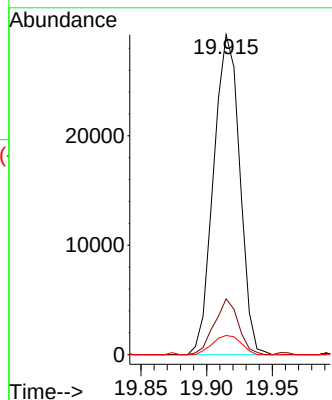
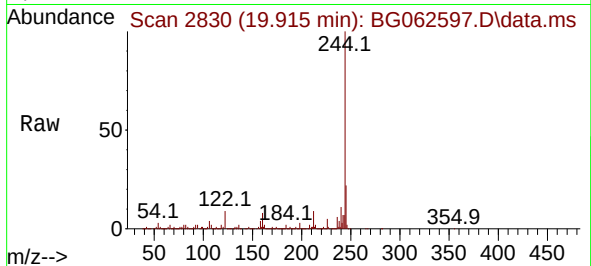




#77
Benzidine
Concen: 8.783 ng
RT: 19.915 min Scan# 2830
Delta R.T. 0.382 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

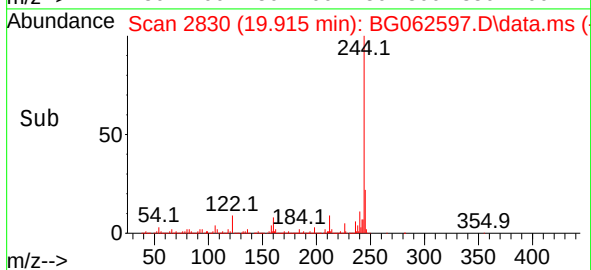
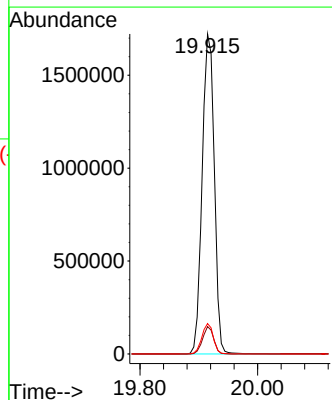
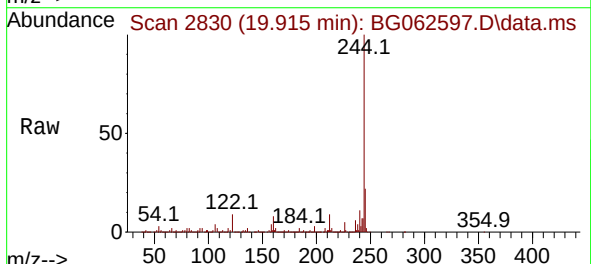
Instrument :
BNA_G
ClientSampleId :
WC-11

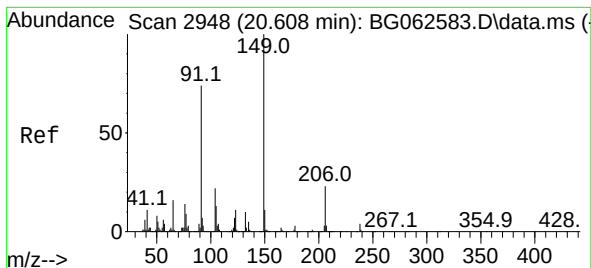
Tgt Ion:184 Resp: 40531
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 98.799 ng
RT: 19.915 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG062597.D
Acq: 28 Aug 2024 15:55

Tgt Ion:244 Resp: 2464041
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 9.5 8.4 12.6





#80

Butylbenzylphthalate

Concen: 5.026 ng

RT: 20.614 min Scan# 2949

Delta R.T. 0.006 min

Lab File: BG062597.D

Acq: 28 Aug 2024 15:55

Instrument :

BNA_G

ClientSampleId :

WC-11

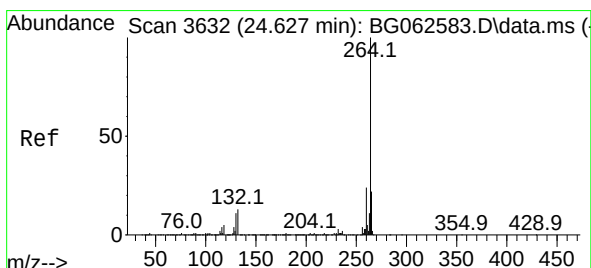
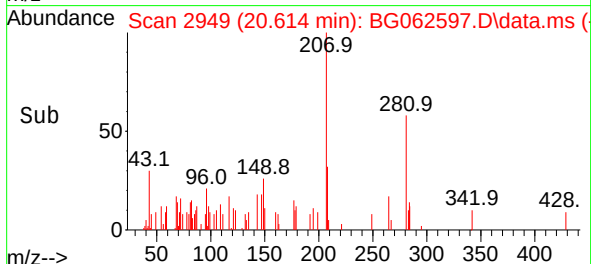
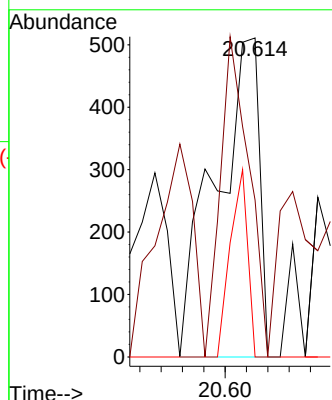
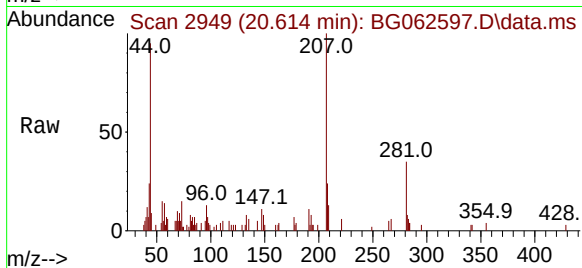
Tgt Ion:149 Resp: 727

Ion Ratio Lower Upper

149 100

91 49.1 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: BG062597.D

Acq: 28 Aug 2024 15:55

Tgt Ion:264 Resp: 600417

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.8 17.8 26.6

