

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062600.D
 Acq On : 28 Aug 2024 18:00
 Operator : MA/JU
 Sample : P3739-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Aug 29 00:26:58 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)

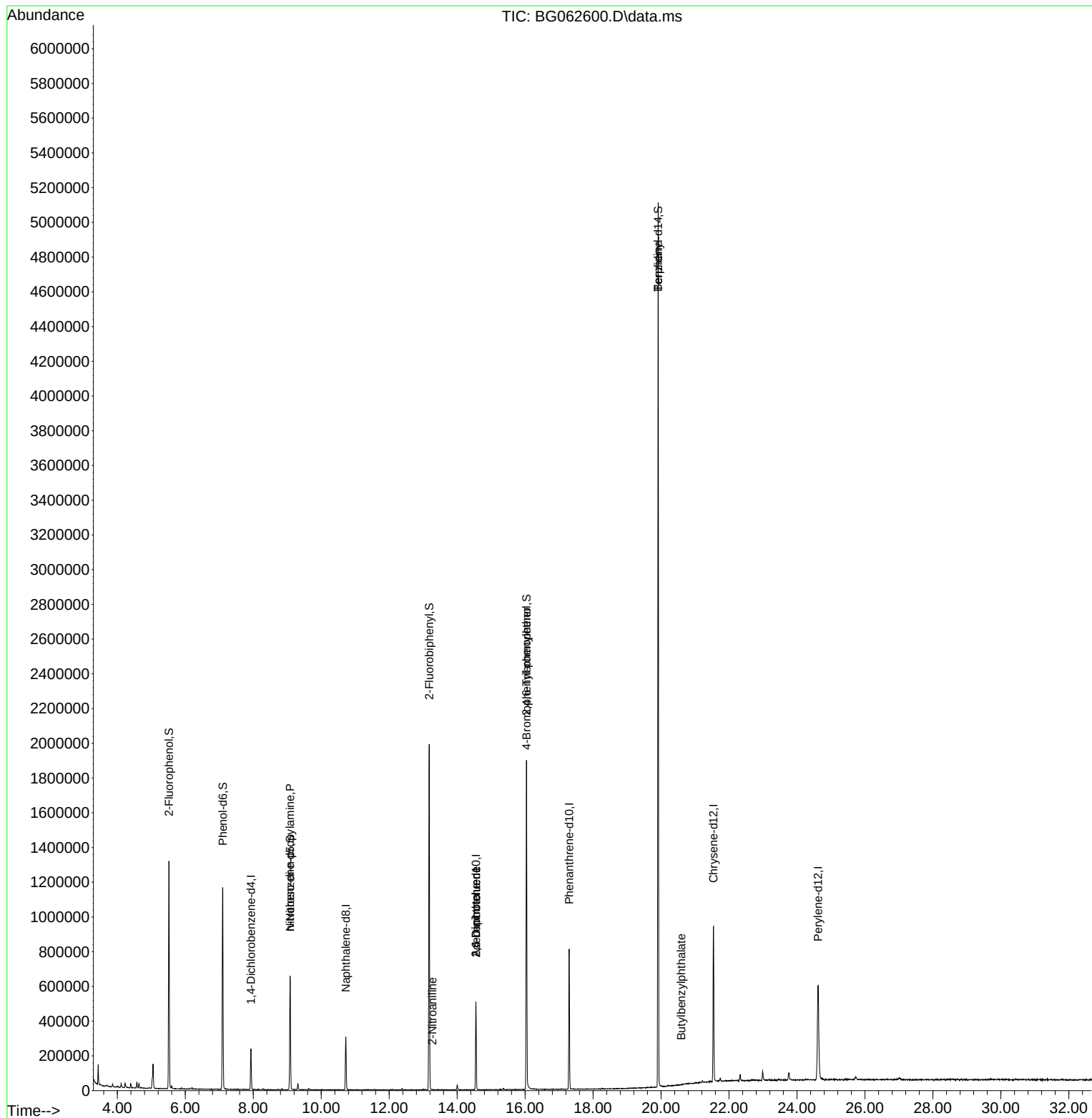
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	66177	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	260012	20.000	ng	# 0.00
39) Acenaphthene-d10	14.553	164	181371	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	520125	20.000	ng	0.00
76) Chrysene-d12	21.539	240	539457	20.000	ng	0.00
86) Perylene-d12	24.618	264	618043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	551293	149.444	ng	0.00
7) Phenol-d6	7.103	99	673379	128.153	ng	0.00
23) Nitrobenzene-d5	9.083	82	390050	99.558	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	401832	200.565	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	1039165	94.211	ng	0.00
79) Terphenyl-d14	19.918	244	2535403	98.264	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	51199	14.550	ng	# 74
48) 2-Nitroaniline	13.272	65	66	3.634	ng	# 9
51) 2,6-Dinitrotoluene	14.553	165	23514	13.295	ng	# 20
57) 2,4-Dinitrotoluene	14.553	165	23514	8.732	ng	# 22
67) 4-Bromophenyl-phenylether	16.046	248	26240	5.241	ng	# 1
77) Benzidine	19.918	184	42509	8.844	ng	# 90
80) Butylbenzylphthalate	20.599	149	353	4.980	ng	# 79

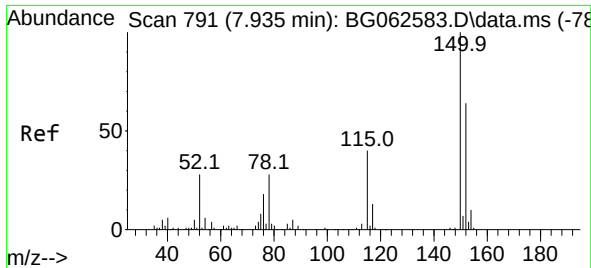
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062600.D
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BNA_G
ClientSampleId :
WC-4

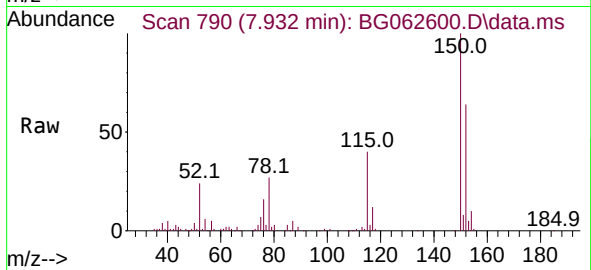
Quant Time: Aug 29 00:26:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
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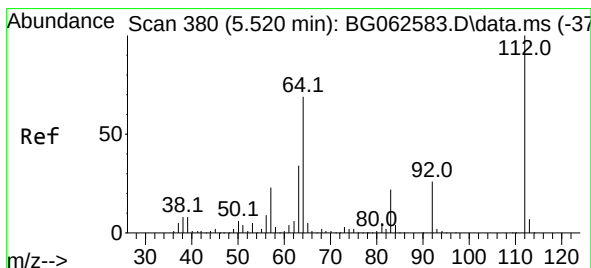
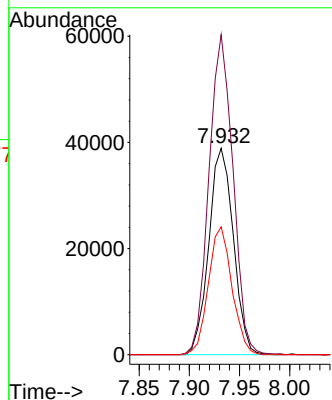
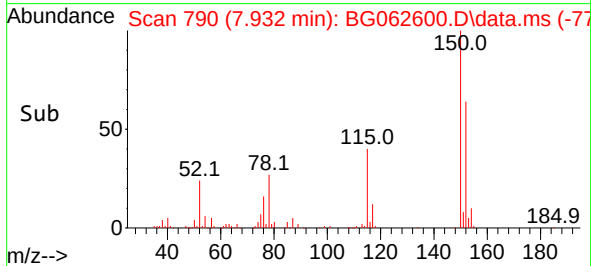


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 791
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Instrument :
BNA_G
ClientSampleId :
WC-4

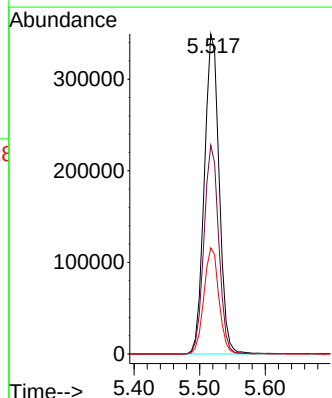
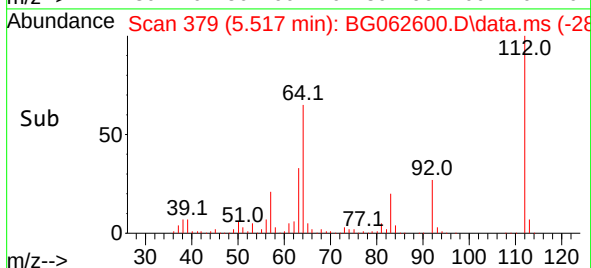
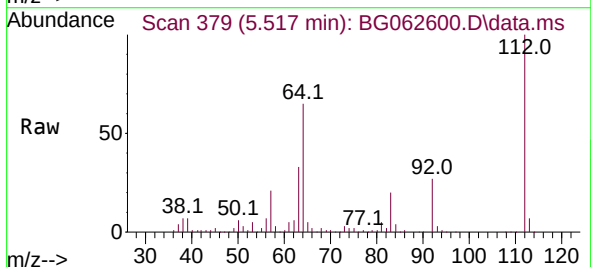


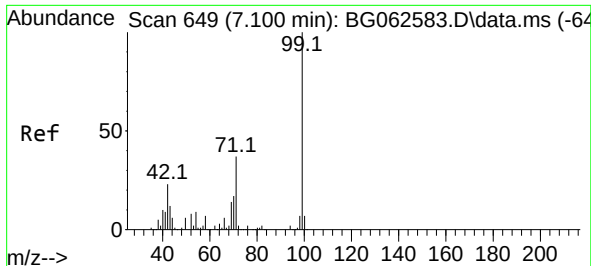
Tgt Ion:152 Resp: 66177
Ion Ratio Lower Upper
152 100
150 155.1 125.1 187.7
115 61.9 50.6 76.0



#5
2-Fluorophenol
Concen: 149.444 ng
RT: 5.517 min Scan# 379
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:112 Resp: 551293
Ion Ratio Lower Upper
112 100
64 65.2 55.5 83.3
63 33.1 27.4 41.2

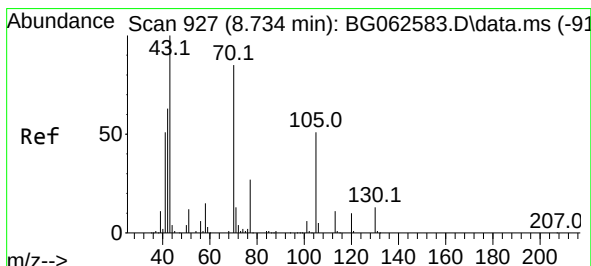
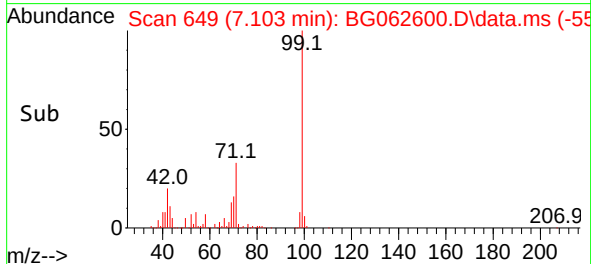
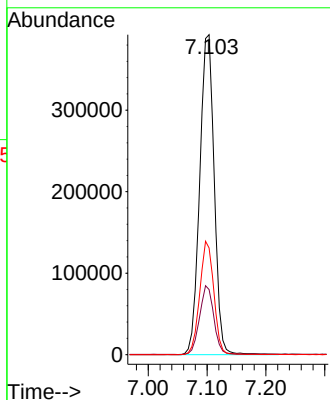
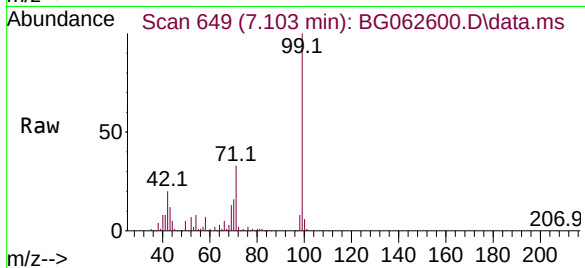




#7
Phenol-d6
Concen: 128.153 ng
RT: 7.103 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

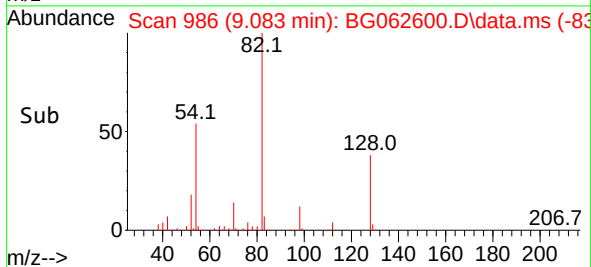
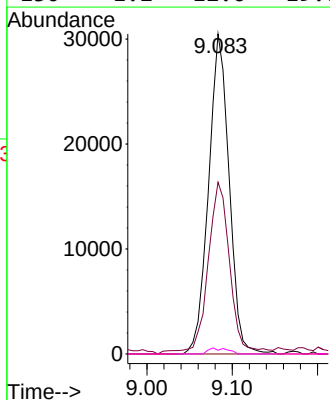
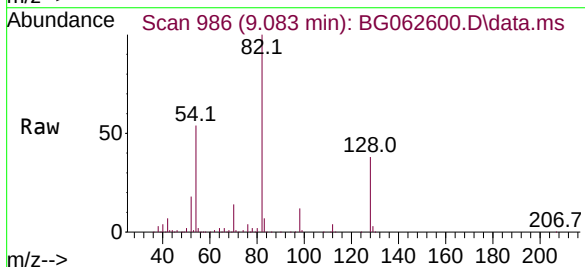
Instrument :
BNA_G
ClientSampleId :
WC-4

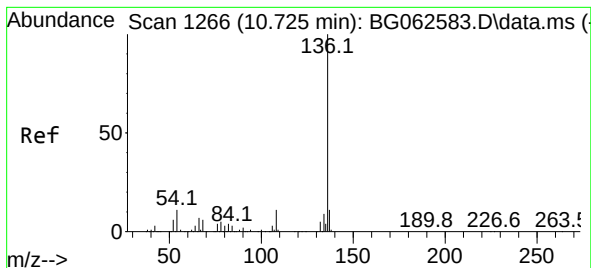
Tgt Ion: 99 Resp: 673379
Ion Ratio Lower Upper
99 100
42 20.3 18.7 28.1
71 33.4 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.550 ng
RT: 9.083 min Scan# 986
Delta R.T. 0.350 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion: 70 Resp: 51199
Ion Ratio Lower Upper
70 100
42 53.6 60.0 90.0#
101 0.0 6.1 9.1#
130 1.2 12.6 19.0#

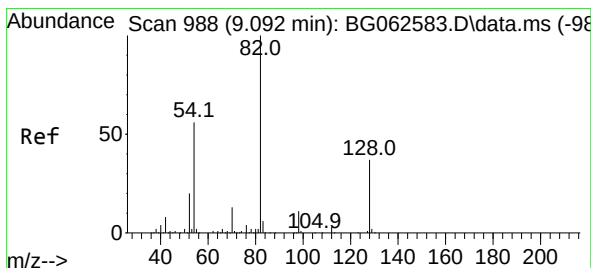
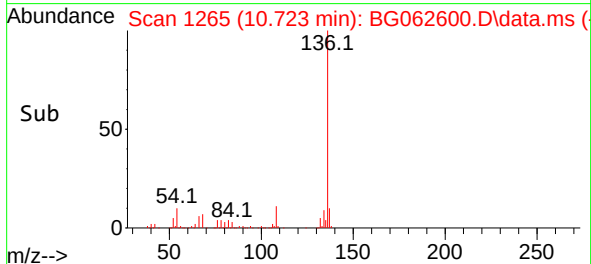
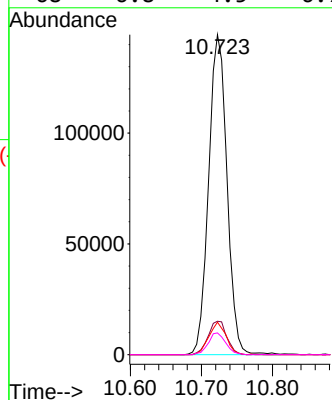
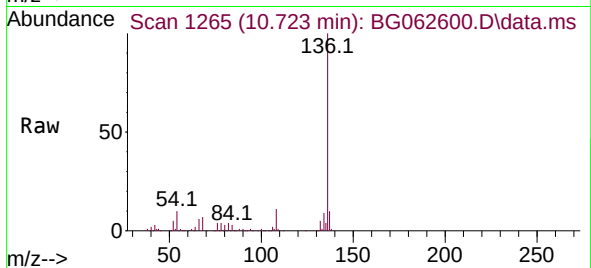




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

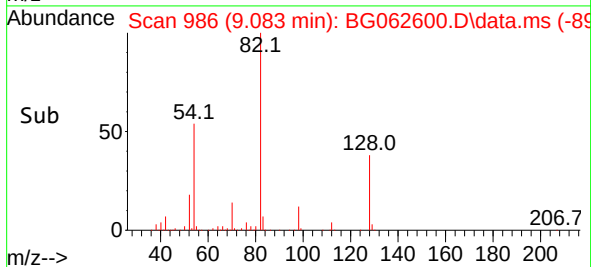
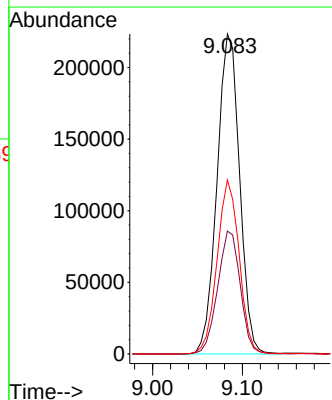
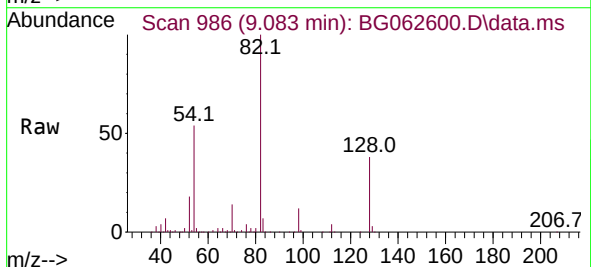
Instrument :
BNA_G
ClientSampleId :
WC-4

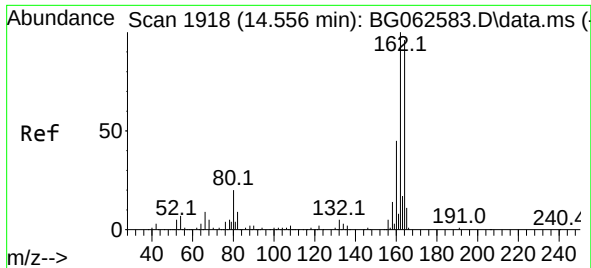
Tgt Ion:	136	Resp:	260012
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.2	9.0	13.4
68	6.8	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 99.558 ng
RT: 9.083 min Scan# 986
Delta R.T. -0.009 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:	82	Resp:	390050
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.7	44.5
54	54.4	44.4	66.6

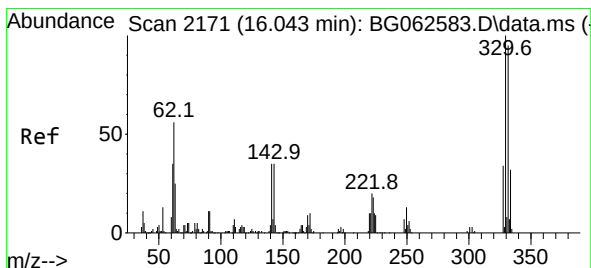
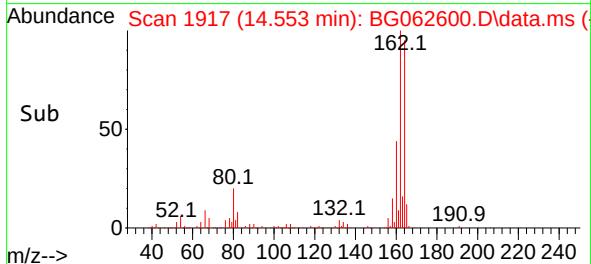
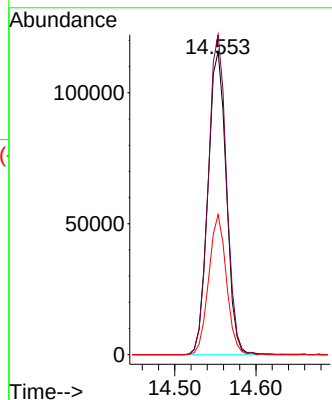
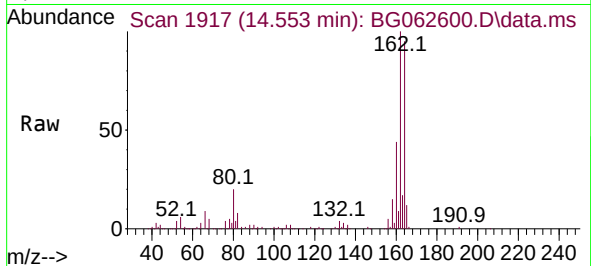




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1918
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

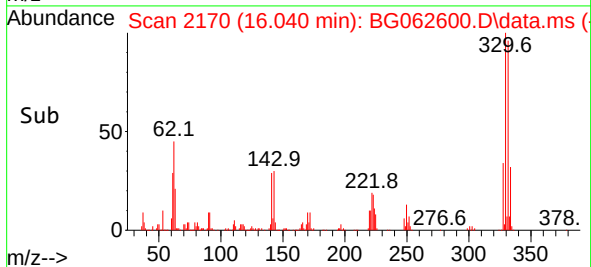
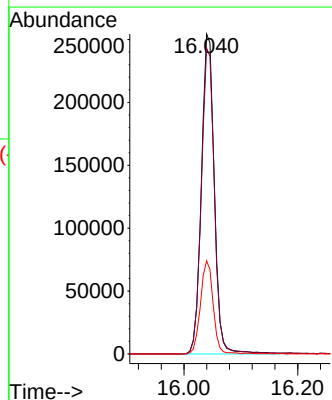
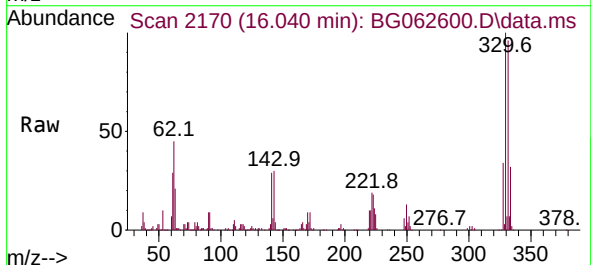
Instrument :
BNA_G
ClientSampleId :
WC-4

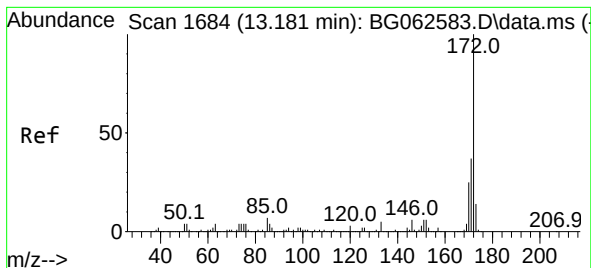
Tgt Ion:164 Resp: 181371
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.6
160 46.2 37.7 56.5



#42
2,4,6-Tribromophenol
Concen: 200.565 ng
RT: 16.040 min Scan# 2170
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:330 Resp: 401832
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 28.4 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 94.211 ng

RT: 13.178 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Instrument :

BNA_G

ClientSampleId :

WC-4

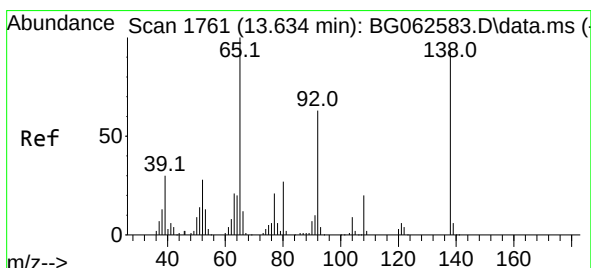
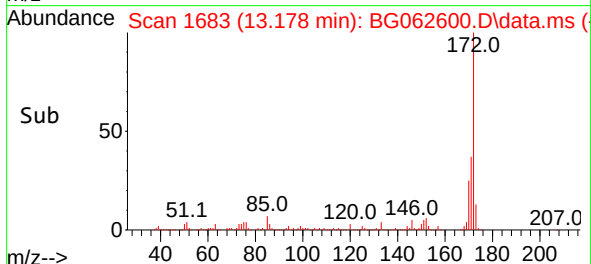
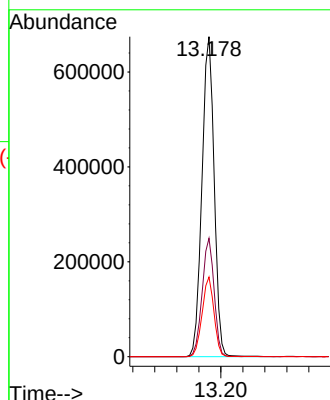
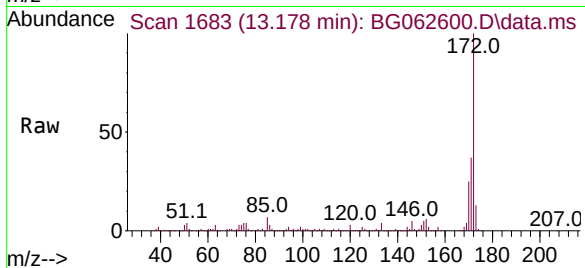
Tgt Ion:172 Resp: 1039165

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 24.9 20.1 30.1



#48

2-Nitroaniline

Concen: 3.634 ng

RT: 13.272 min Scan# 1699

Delta R.T. -0.362 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

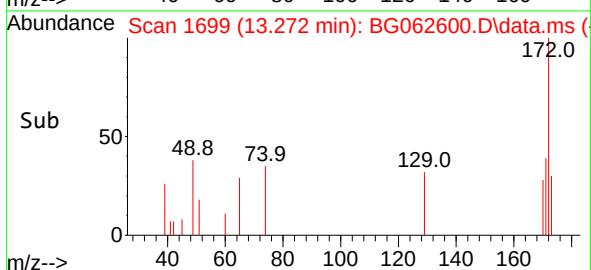
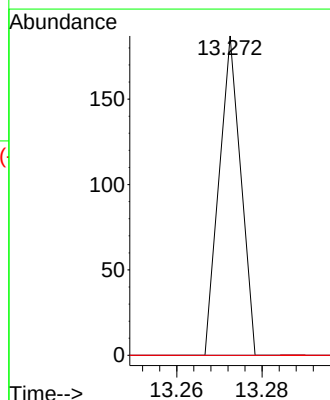
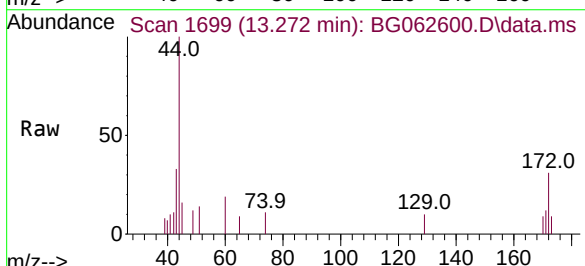
Tgt Ion: 65 Resp: 66

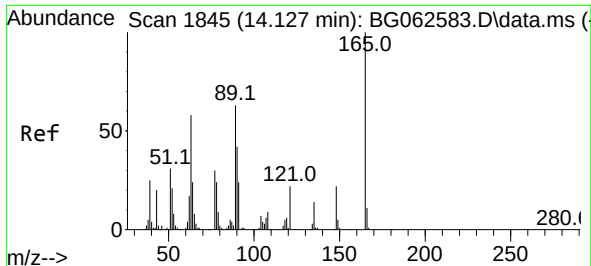
Ion Ratio Lower Upper

65 100

92 0.0 50.6 76.0#

138 0.0 75.4 113.2#

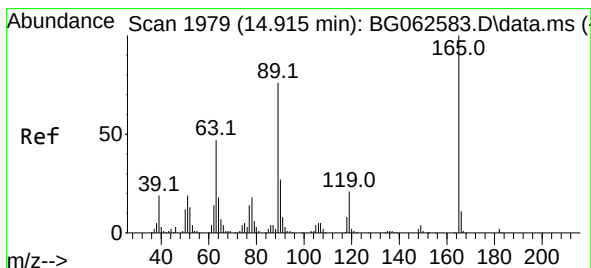
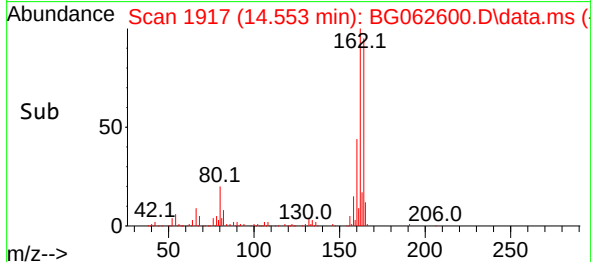
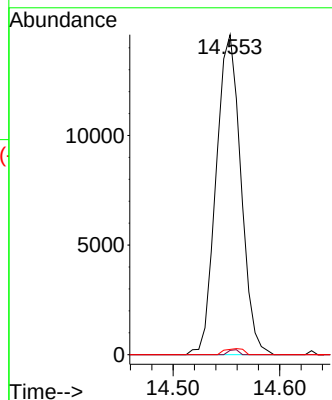
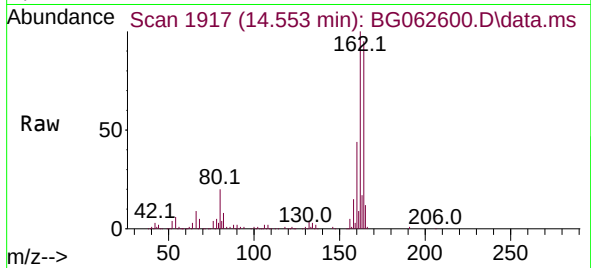




#51
2,6-Dinitrotoluene
Concen: 13.295 ng
RT: 14.553 min Scan# 1917
Delta R.T. 0.426 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

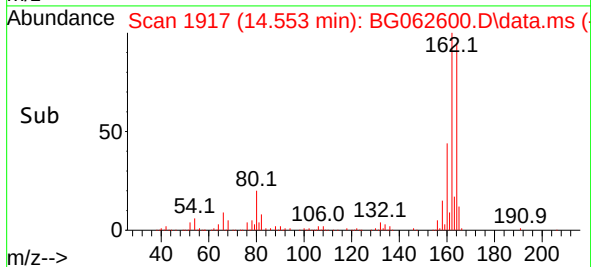
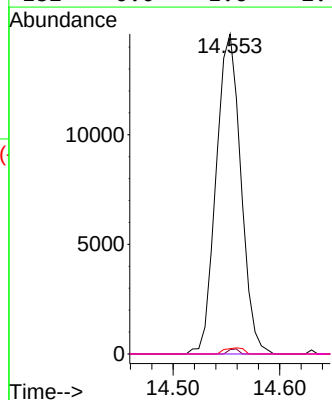
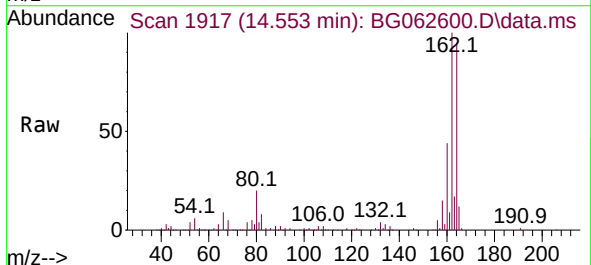
Instrument :
BNA_G
ClientSampleId :
WC-4

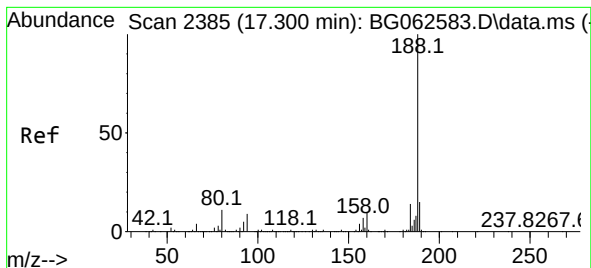
Tgt Ion:165 Resp: 23514
Ion Ratio Lower Upper
165 100
63 1.3 51.0 76.6#
89 1.6 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 8.732 ng
RT: 14.553 min Scan# 1917
Delta R.T. -0.361 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:165 Resp: 23514
Ion Ratio Lower Upper
165 100
63 1.3 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: 17.297 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Instrument :

BNA_G

ClientSampleId :

WC-4

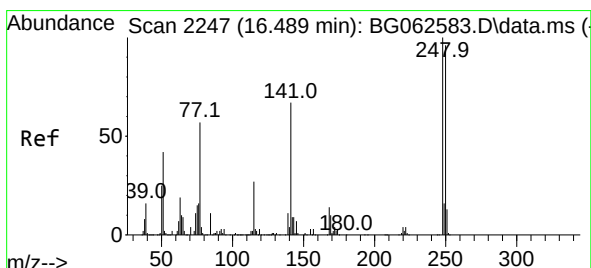
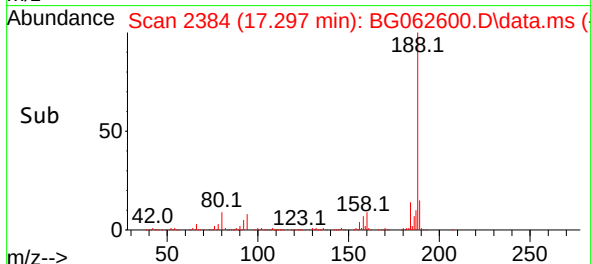
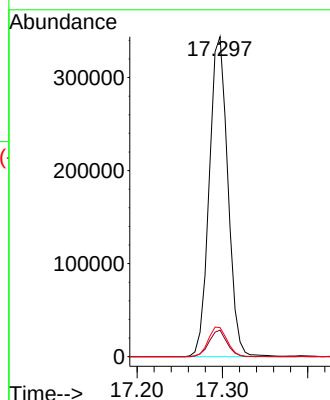
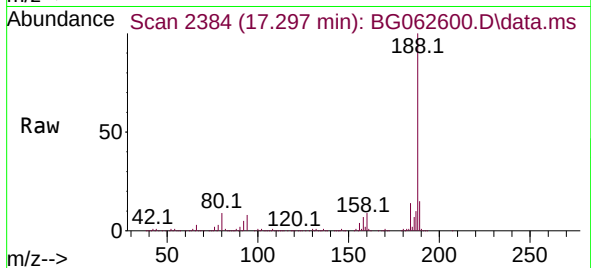
Tgt Ion:188 Resp: 520125

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.1 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 5.241 ng

RT: 16.046 min Scan# 2171

Delta R.T. -0.444 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

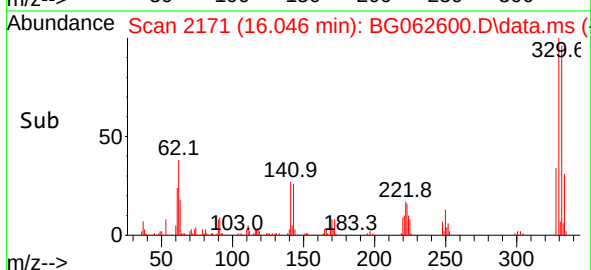
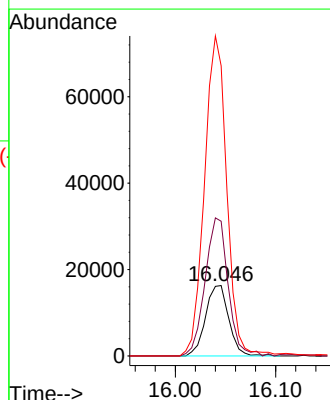
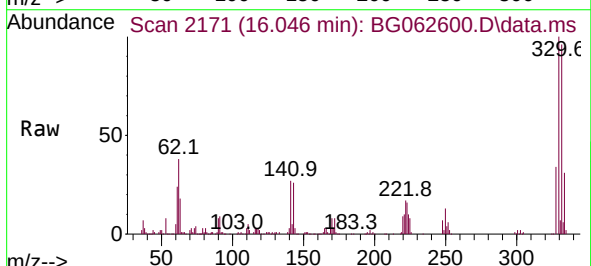
Tgt Ion:248 Resp: 26240

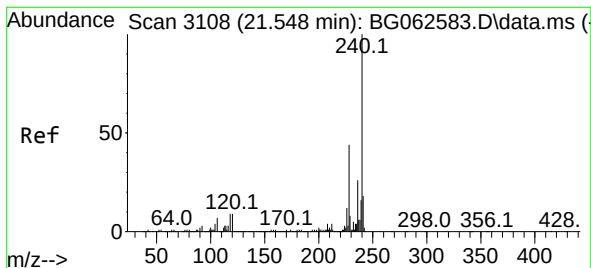
Ion Ratio Lower Upper

248 100

250 191.2 76.7 115.1#

141 411.7 54.0 81.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3108

Delta R.T. -0.009 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Instrument :

BNA_G

ClientSampleId :

WC-4

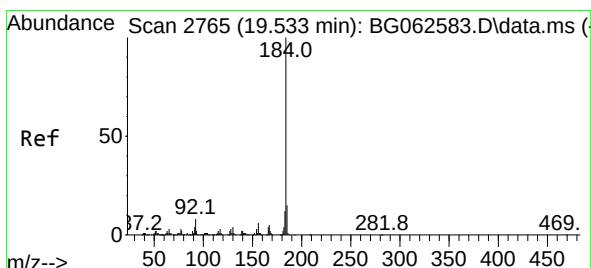
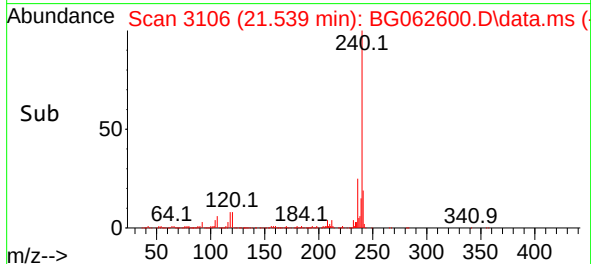
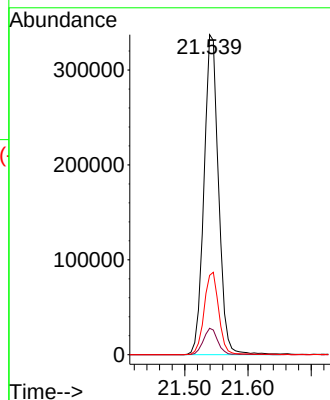
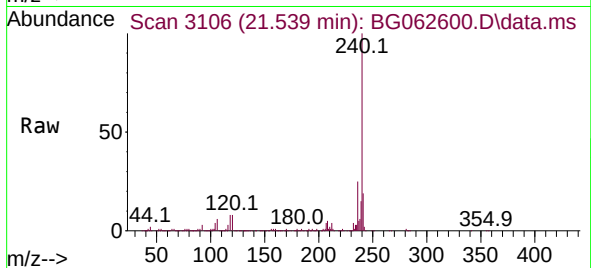
Tgt Ion:240 Resp: 539457

Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.0

236 24.8 20.5 30.7



#77

Benzidine

Concen: 8.844 ng

RT: 19.918 min Scan# 2830

Delta R.T. 0.385 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

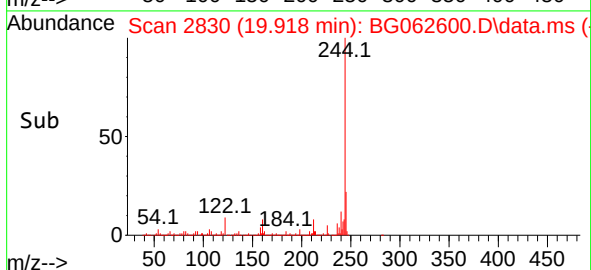
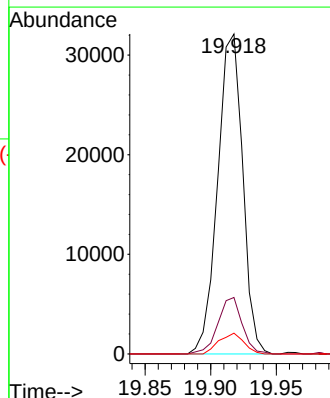
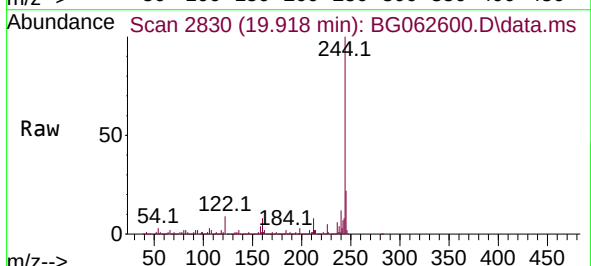
Tgt Ion:184 Resp: 42509

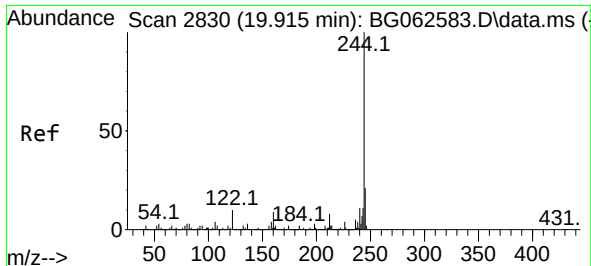
Ion Ratio Lower Upper

184 100

185 17.7 11.8 17.8

183 6.5 9.3 13.9#

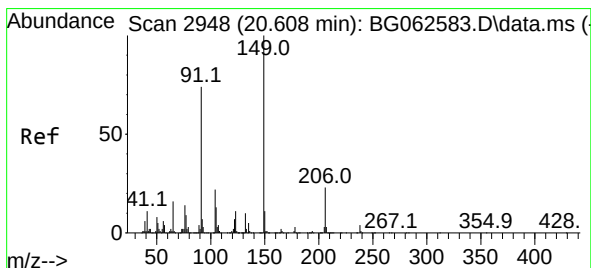
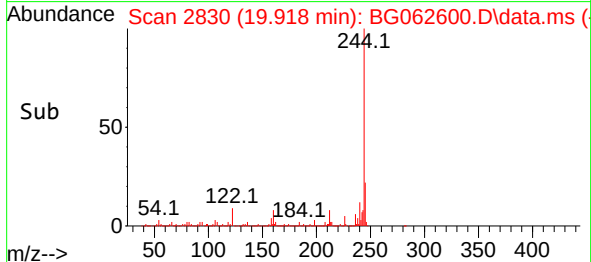
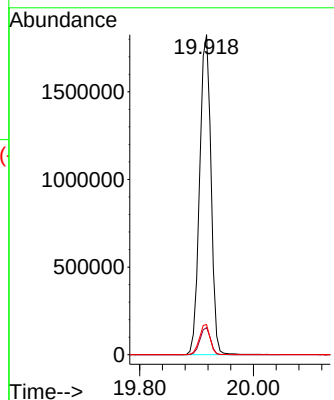
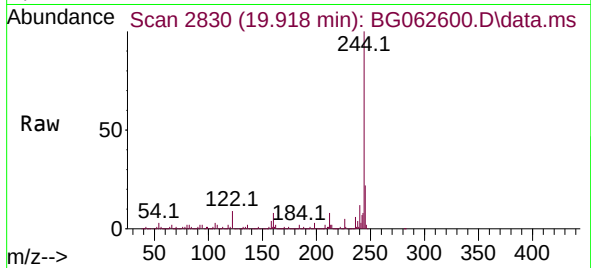




#79
 Terphenyl-d14
 Concen: 98.264 ng
 RT: 19.918 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG062600.D
 Acq: 28 Aug 2024 18:00

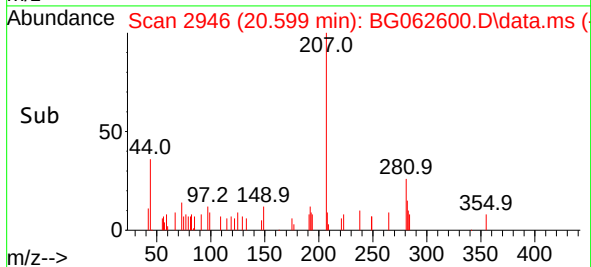
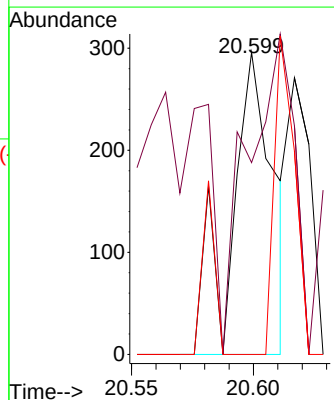
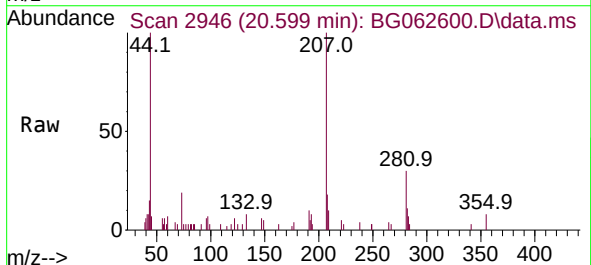
Instrument :
 BNA_G
 ClientSampleId :
 WC-4

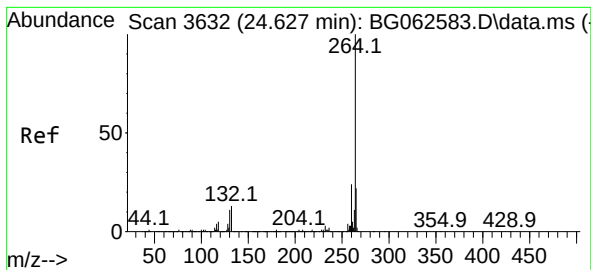
Tgt Ion:244 Resp: 2535403
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 9.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 4.980 ng
 RT: 20.599 min Scan# 2946
 Delta R.T. -0.009 min
 Lab File: BG062600.D
 Acq: 28 Aug 2024 18:00

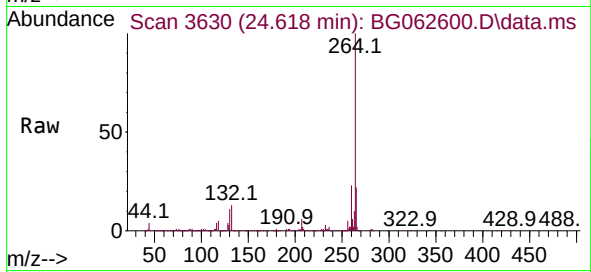
Tgt Ion:149 Resp: 353
 Ion Ratio Lower Upper
 149 100
 91 63.5 59.0 88.6
 206 0.0 18.5 27.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.618 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Instrument :
BNA_G
ClientSampleId :
WC-4



Tgt Ion:264 Resp: 618043
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.9 17.8 26.6

