

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060073.D
 Acq On : 18 Dec 2023 19:35
 Operator : MA/JU
 Sample : 05592-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW04SDL

Quant Time: Dec 19 04:41:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

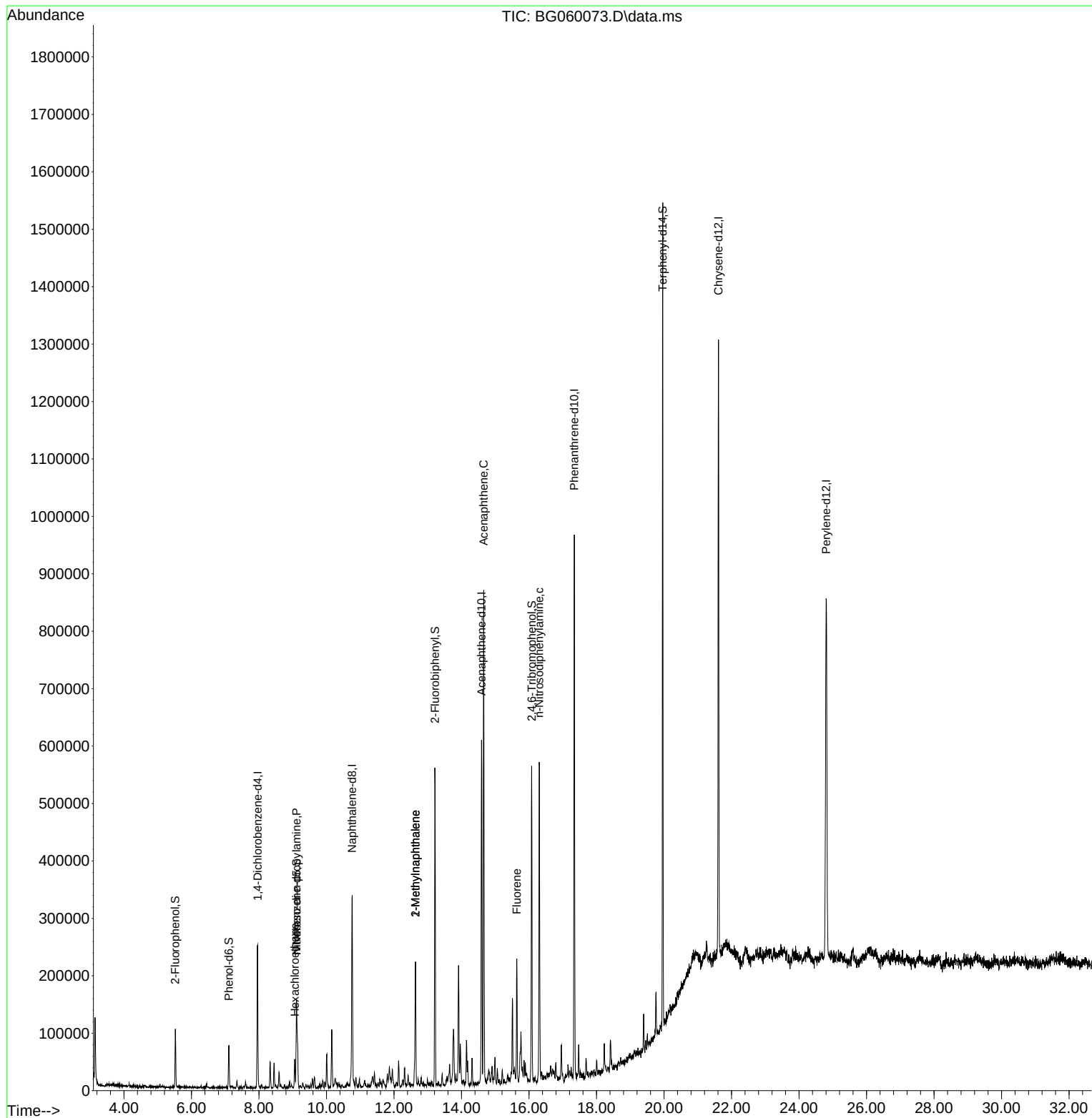
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	65021	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	258669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	216064	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	642189	20.000	ng	# 0.00
76) Chrysene-d12	21.613	240	709895	20.000	ng	# 0.00
86) Perylene-d12	24.803	264	811284	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	36864	9.705	ng	0.00
7) Phenol-d6	7.106	99	31782	5.948	ng	0.00
23) Nitrobenzene-d5	9.110	82	87245	15.315	ng	-0.01
42) 2,4,6-Tribromophenol	16.078	330	129418	25.702	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	300409	17.017	ng	0.00
79) Terphenyl-d14	19.962	244	775055	19.933	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.063	117	3677	2.423	ng	# 1
19) n-Nitroso-di-n-propyla...	9.110	70	12650	3.670	ng	# 79
37) 2-Methylnaphthalene	12.635	142	82189	7.782	ng	88
38) 1-Methylnaphthalene	12.635	142	82189	7.878	ng	97
52) Acenaphthene	14.656	154	314132	24.041	ng	95
58) Fluorene	15.637	166	98673	5.502	ng	96
66) n-Nitrosodiphenylamine	16.301	169	150937	9.621	ng	# 37
69) Atrazine	16.795	200	465	Below Cal		# 37

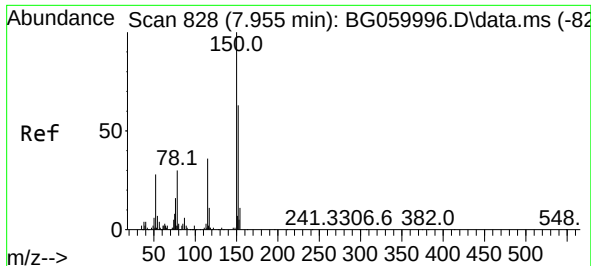
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
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Quant Time: Dec 19 04:41:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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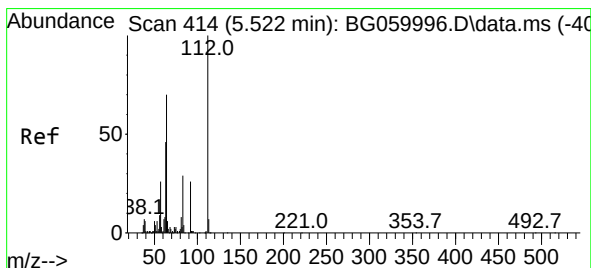
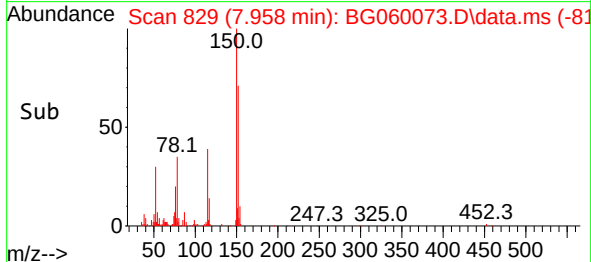
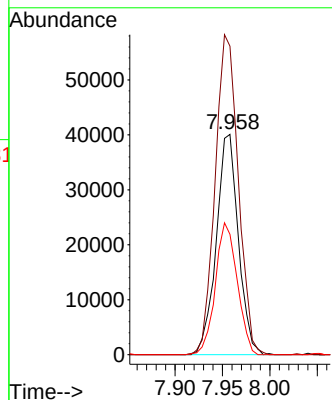
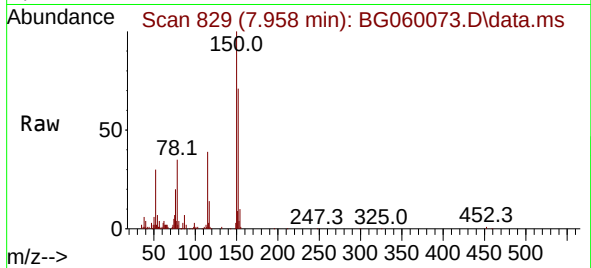




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

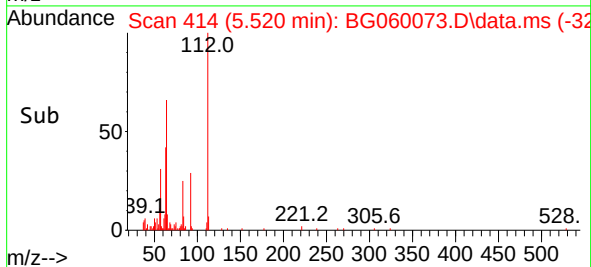
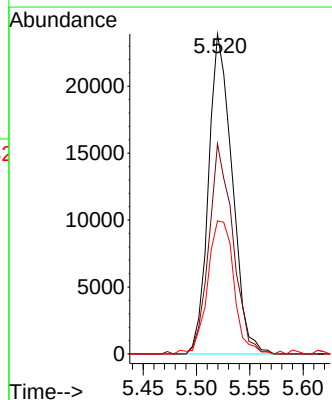
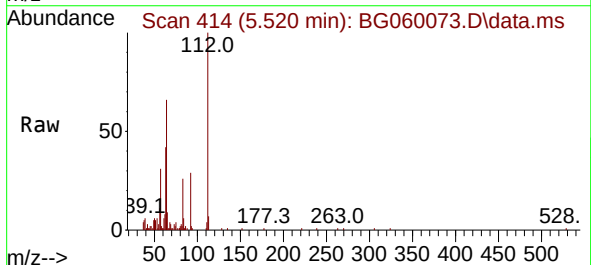
Instrument :
BNA_G
ClientSampleId :
MW04SDL

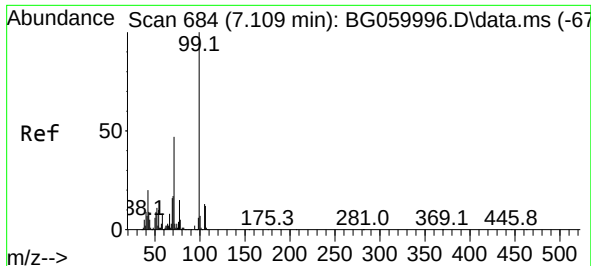
Tgt Ion:152 Resp: 65021
Ion Ratio Lower Upper
152 100
150 140.0 127.0 190.6
115 54.6 45.7 68.5



#5
2-Fluorophenol
Concen: 9.705 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion:112 Resp: 36864
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 41.6 36.5 54.7

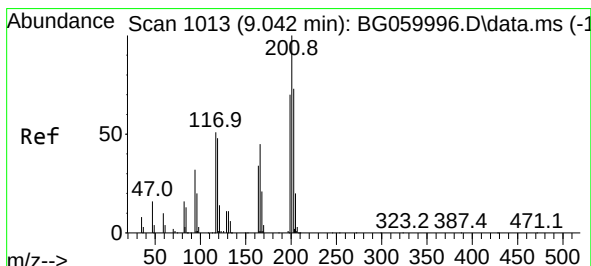
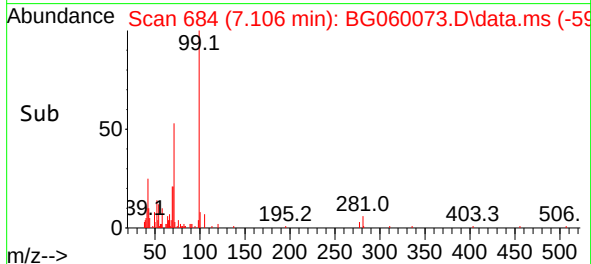
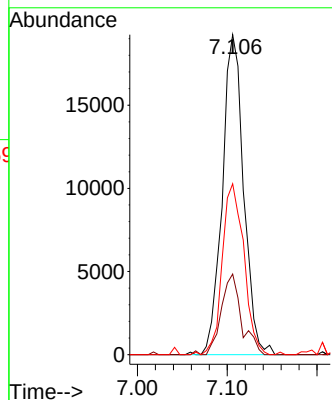
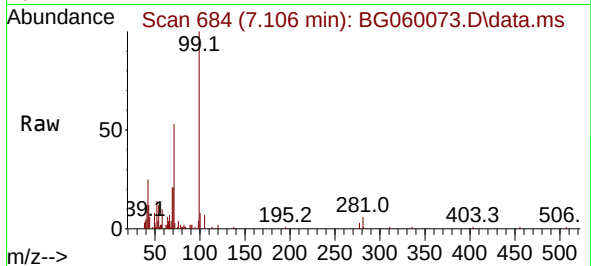




#7
Phenol-d6
Concen: 5.948 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

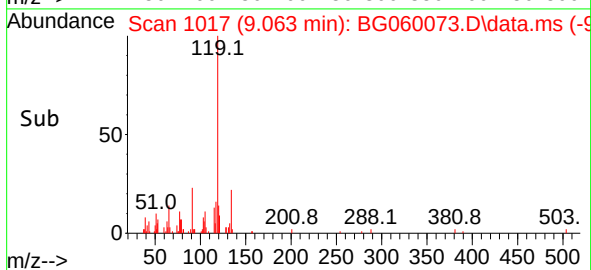
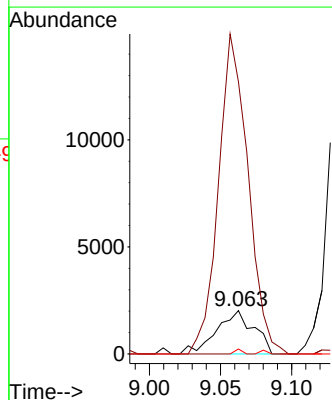
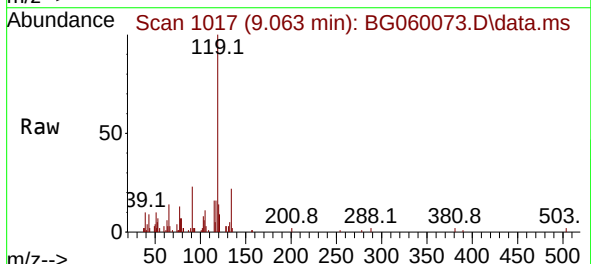
Instrument :
BNA_G
ClientSampleId :
MW04SDL

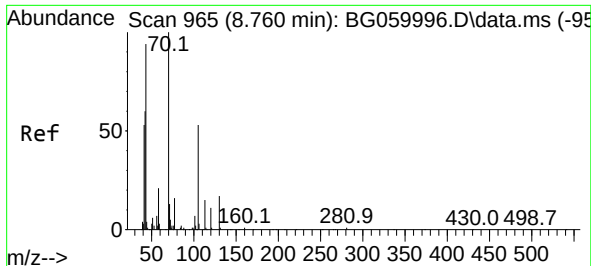
Tgt Ion: 99 Resp: 31782
Ion Ratio Lower Upper
99 100
42 25.2 16.2 24.4#
71 53.4 37.6 56.4



#18
Hexachloroethane
Concen: 2.423 ng
RT: 9.063 min Scan# 1017
Delta R.T. 0.017 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion: 117 Resp: 3677
Ion Ratio Lower Upper
117 100
119 626.4 74.5 111.7#
201 11.3 156.5 234.7#

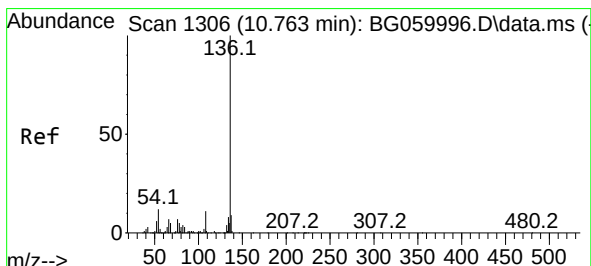
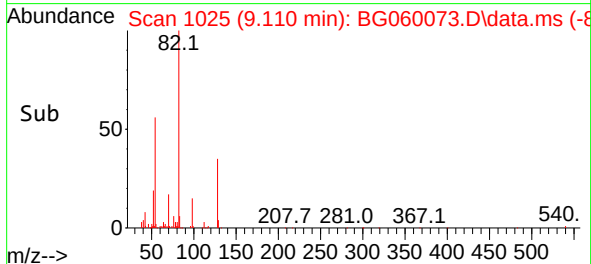
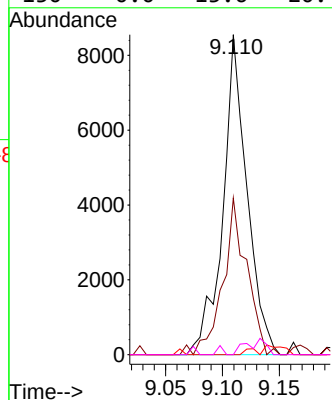
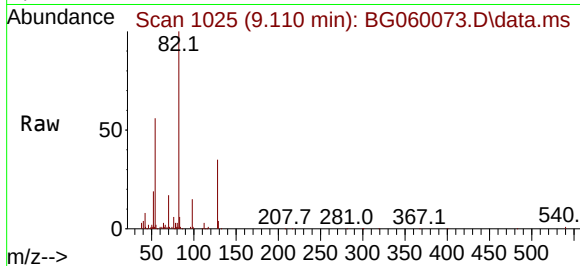




#19
n-Nitroso-di-n-propylamine
Concen: 3.670 ng
RT: 9.110 min Scan# 1025
Delta R.T. 0.346 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

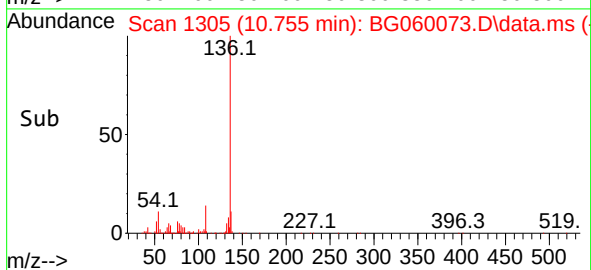
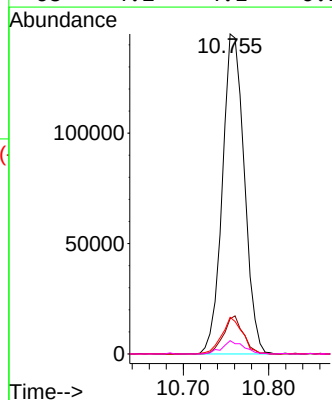
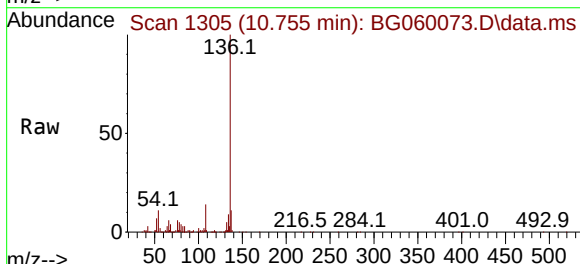
Instrument :
BNA_G
ClientSampleId :
MW04SDL

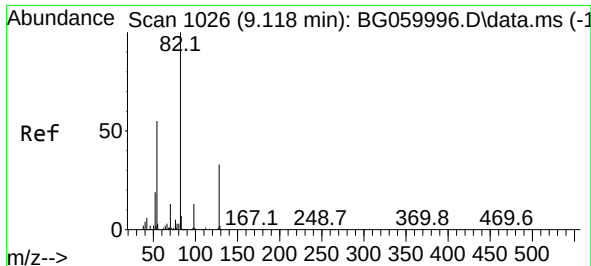
Tgt Ion: 70	Resp: 12650
Ion Ratio	Lower Upper
70 100	
42 49.0	48.6 73.0
101 0.0	5.7 8.5#
130 0.0	13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion: 136	Resp: 258669
Ion Ratio	Lower Upper
136 100	
137 11.0	7.3 10.9#
54 11.4	9.6 14.4
68 4.2	4.1 6.1

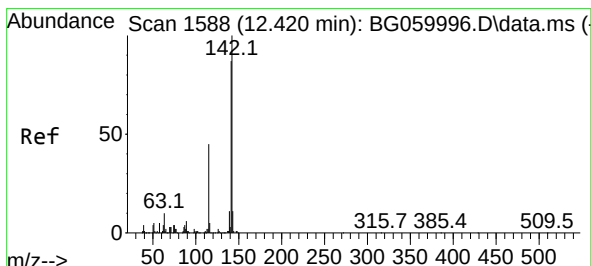
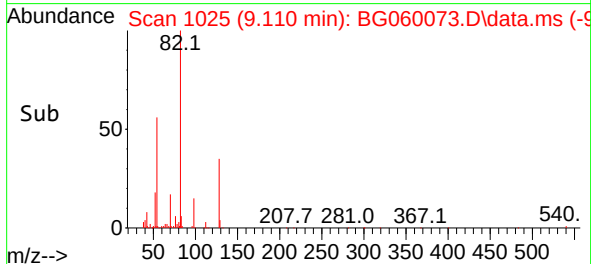
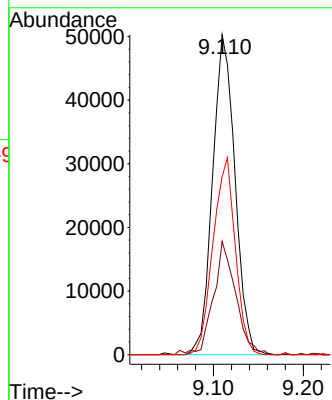
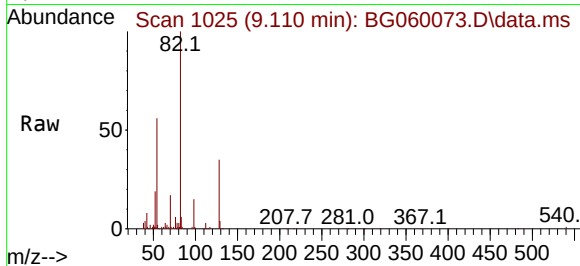




#23
Nitrobenzene-d5
Concen: 15.315 ng
RT: 9.110 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

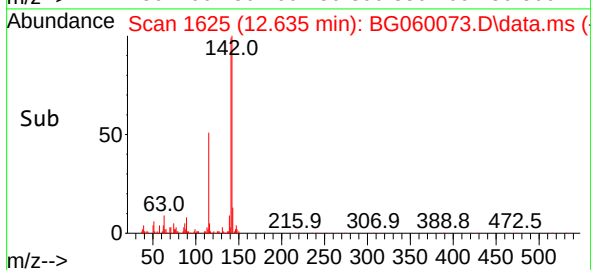
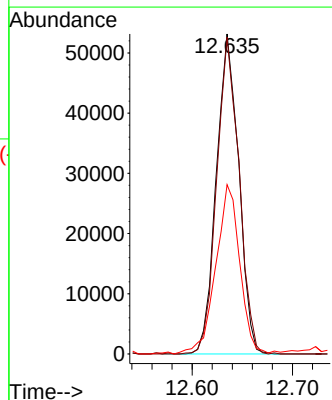
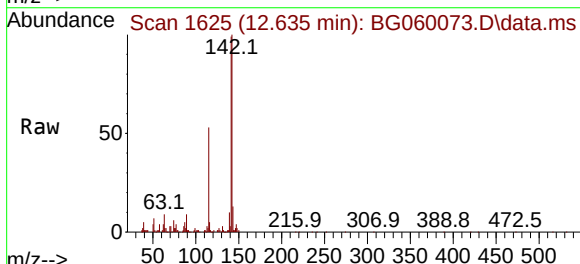
Instrument :
BNA_G
ClientSampleId :
MW04SDL

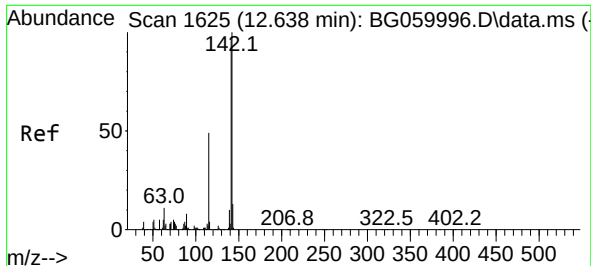
Tgt Ion: 82 Resp: 87245
Ion Ratio Lower Upper
82 100
128 35.4 26.3 39.5
54 55.6 44.3 66.5



#37
2-Methylnaphthalene
Concen: 7.782 ng
RT: 12.635 min Scan# 1625
Delta R.T. 0.211 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion: 142 Resp: 82189
Ion Ratio Lower Upper
142 100
141 99.0 69.9 104.9
115 52.9 36.1 54.1

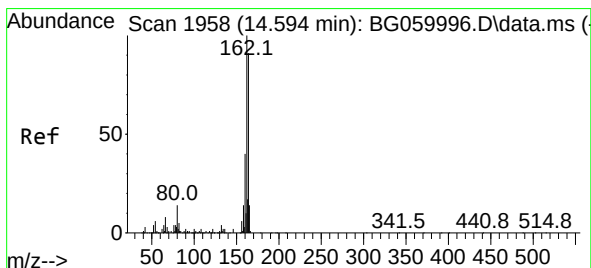
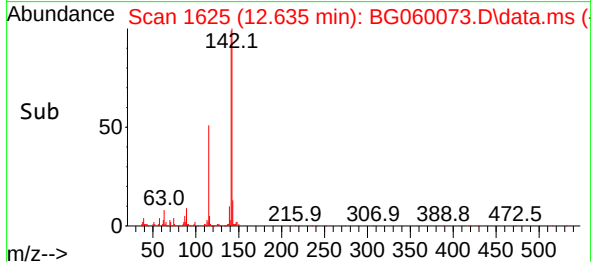
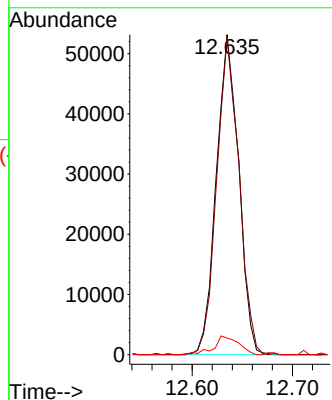
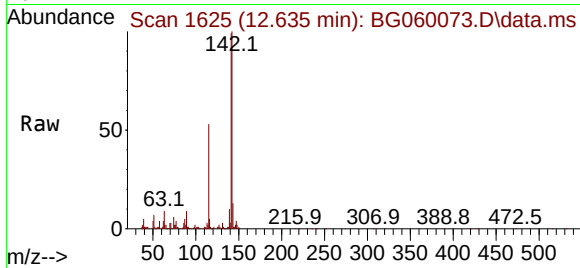




#38
1-Methylnaphthalene
Concen: 7.878 ng
RT: 12.635 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

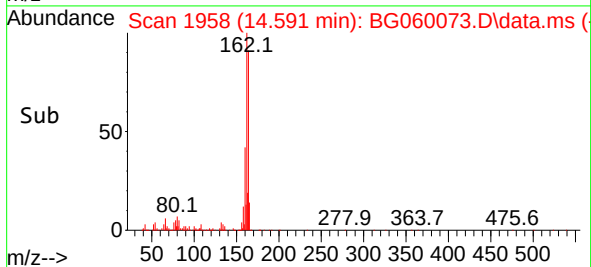
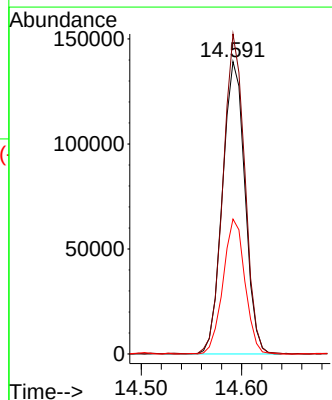
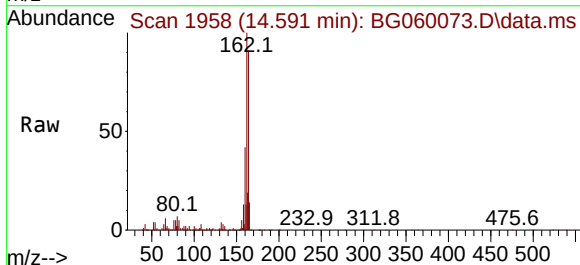
Instrument :
BNA_G
ClientSampleId :
MW04SDL

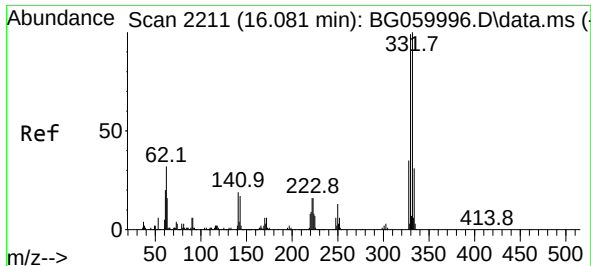
Tgt Ion:142 Resp: 82189
Ion Ratio Lower Upper
142 100
141 99.0 76.9 115.3
116 5.2 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion:164 Resp: 216064
Ion Ratio Lower Upper
164 100
162 109.5 88.1 132.1
160 46.1 35.4 53.0

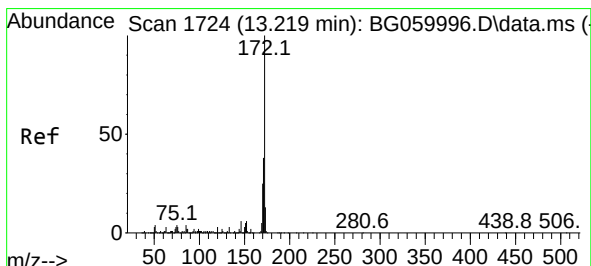
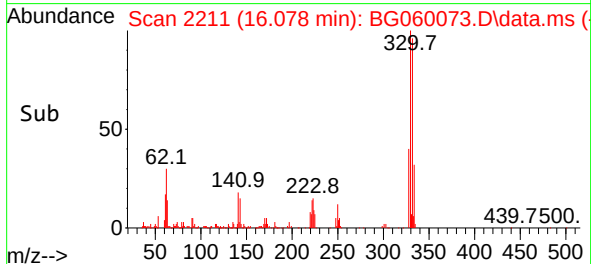
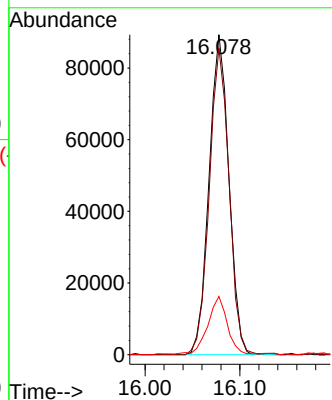
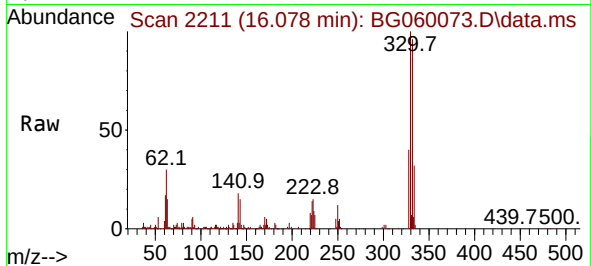




#42
2,4,6-Tribromophenol
Concen: 25.702 ng
RT: 16.078 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

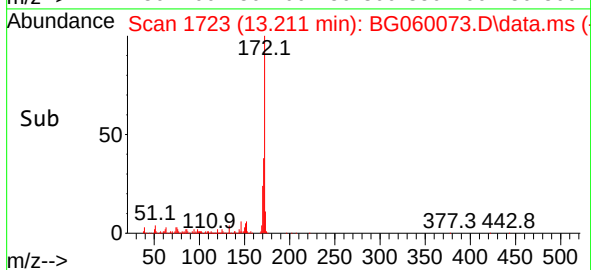
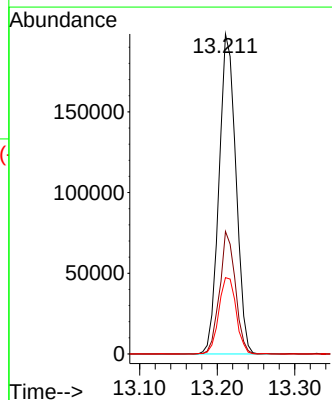
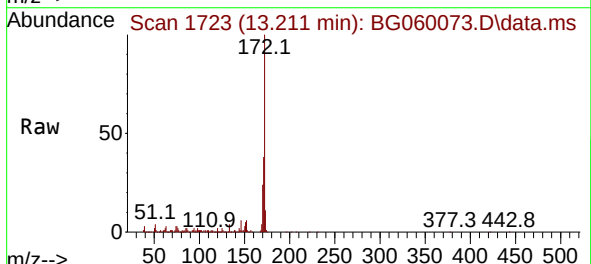
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BNA_G
ClientSampleId :
MW04SDL

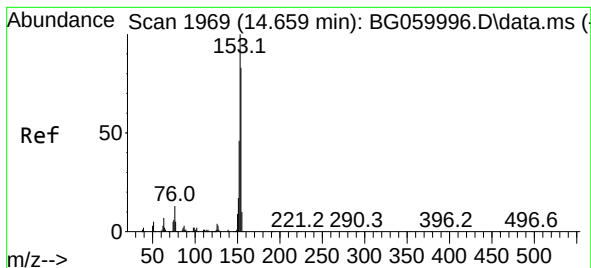
Tgt Ion:330 Resp: 129418
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 18.4 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 17.017 ng
RT: 13.211 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Tgt Ion:172 Resp: 300409
Ion Ratio Lower Upper
172 100
171 38.3 30.1 45.1
170 23.9 20.0 30.0





#52

Acenaphthene

Concen: 24.041 ng

RT: 14.656 min Scan# 1969

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

Instrument :

BNA_G

ClientSampleId :

MW04SDL

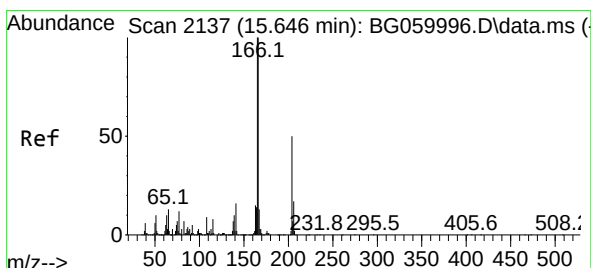
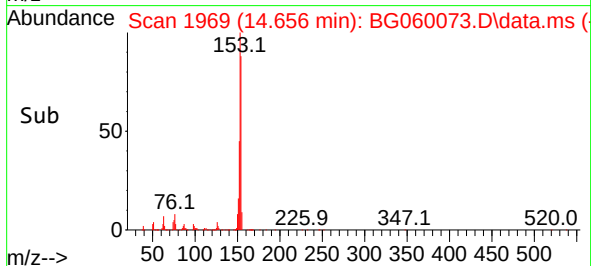
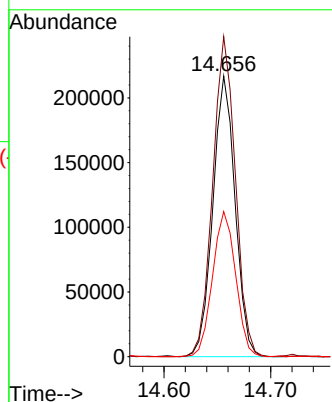
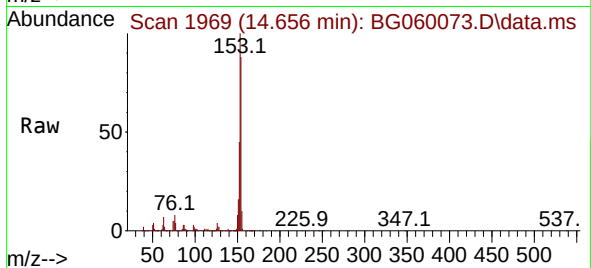
Tgt Ion:154 Resp: 314132

Ion Ratio Lower Upper

154 100

153 114.0 96.0 144.0

152 51.7 44.3 66.5



#58

Fluorene

Concen: 5.502 ng

RT: 15.637 min Scan# 2136

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

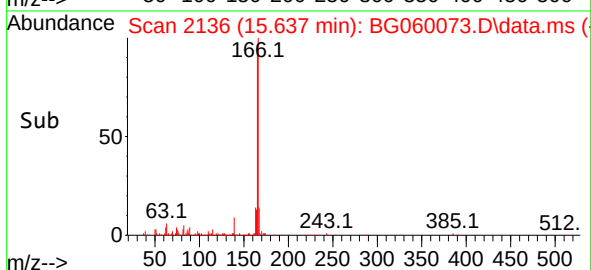
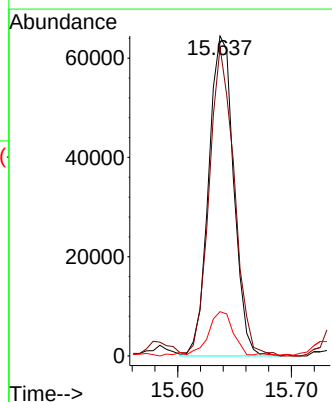
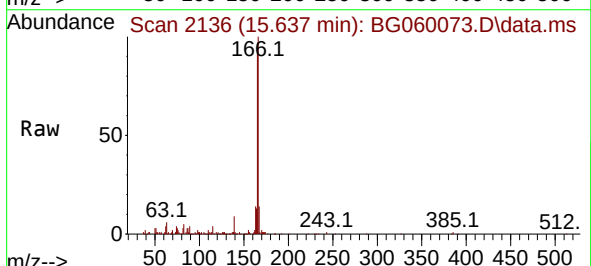
Tgt Ion:166 Resp: 98673

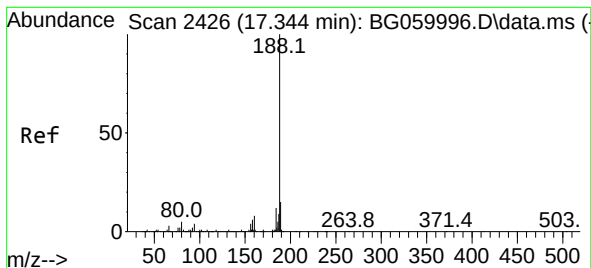
Ion Ratio Lower Upper

166 100

165 96.5 80.2 120.2

167 13.9 10.3 15.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

Instrument :

BNA_G

ClientSampleId :

MW04SDL

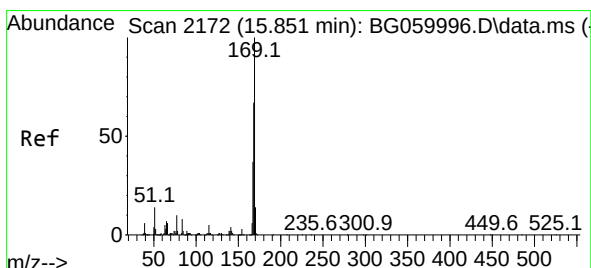
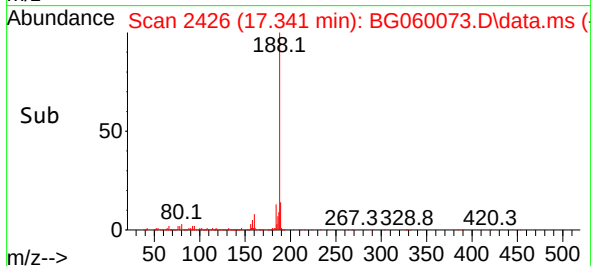
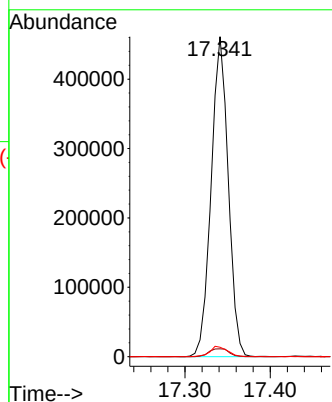
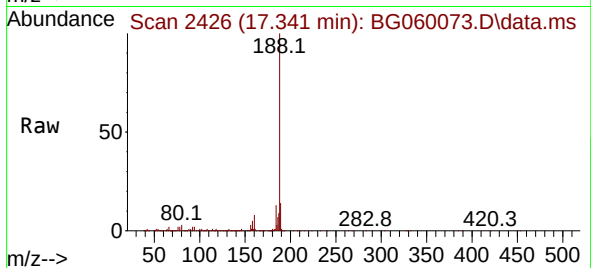
Tgt Ion:188 Resp: 642189

Ion Ratio Lower Upper

188 100

94 2.5 3.0 4.6#

80 3.0 4.0 6.0#



#66

n-Nitrosodiphenylamine

Concen: 9.621 ng

RT: 16.301 min Scan# 2249

Delta R.T. 0.452 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

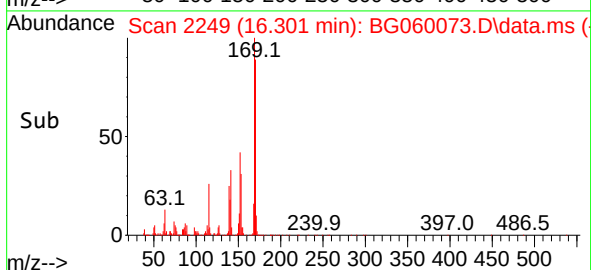
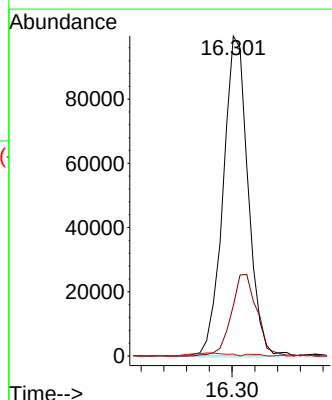
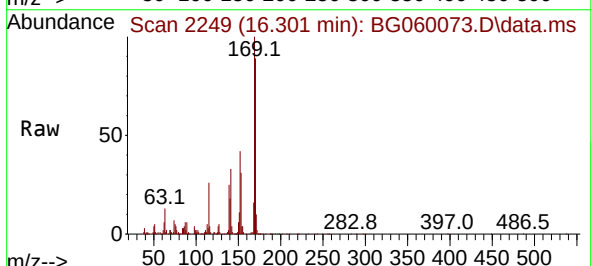
Tgt Ion:169 Resp: 150937

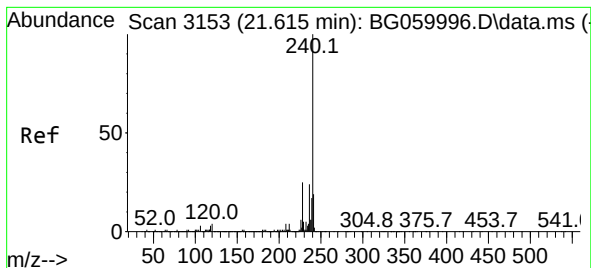
Ion Ratio Lower Upper

169 100

168 15.7 53.4 80.2#

167 0.6 30.0 45.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

Instrument :

BNA_G

ClientSampleId :

MW04SDL

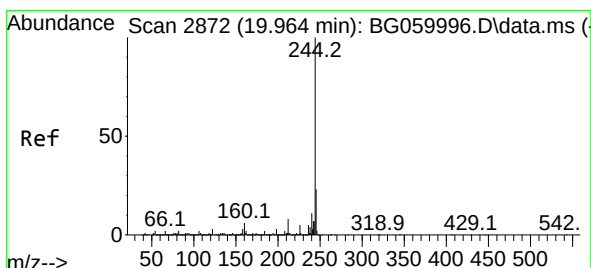
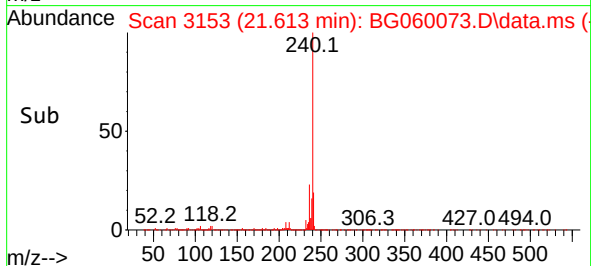
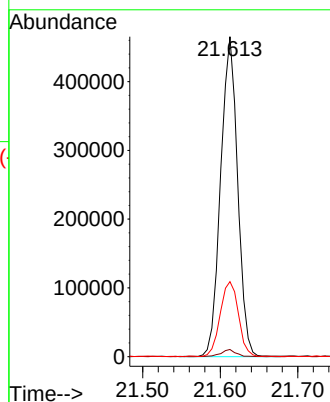
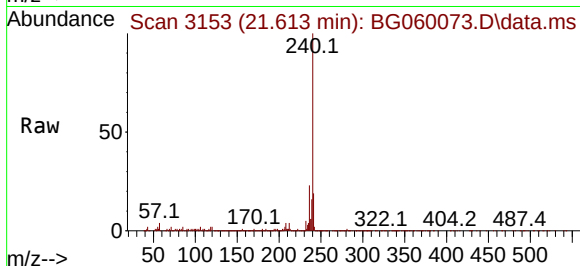
Tgt Ion:240 Resp: 709895

Ion Ratio Lower Upper

240 100

120 2.3 2.9 4.3#

236 23.4 19.4 29.2



#79

Terphenyl-d14

Concen: 19.933 ng

RT: 19.962 min Scan# 2872

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

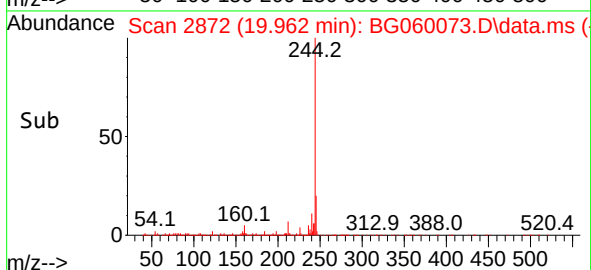
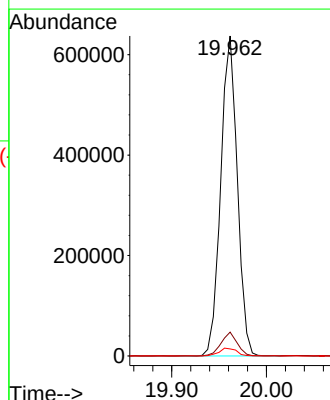
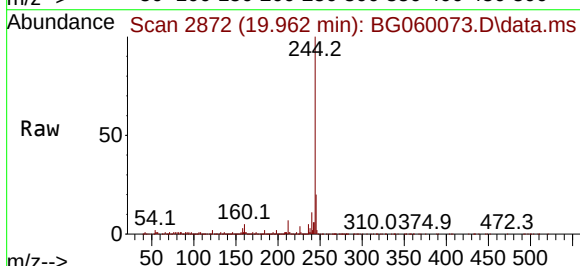
Tgt Ion:244 Resp: 775055

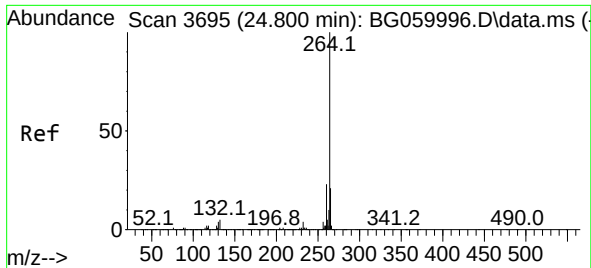
Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 2.2 2.6 3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.803 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

Instrument :
BNA_G
ClientSampleId :
MW04SDL

Tgt Ion:	264	Resp:	811284
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.5	27.7
265	20.9	17.3	25.9

