

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)

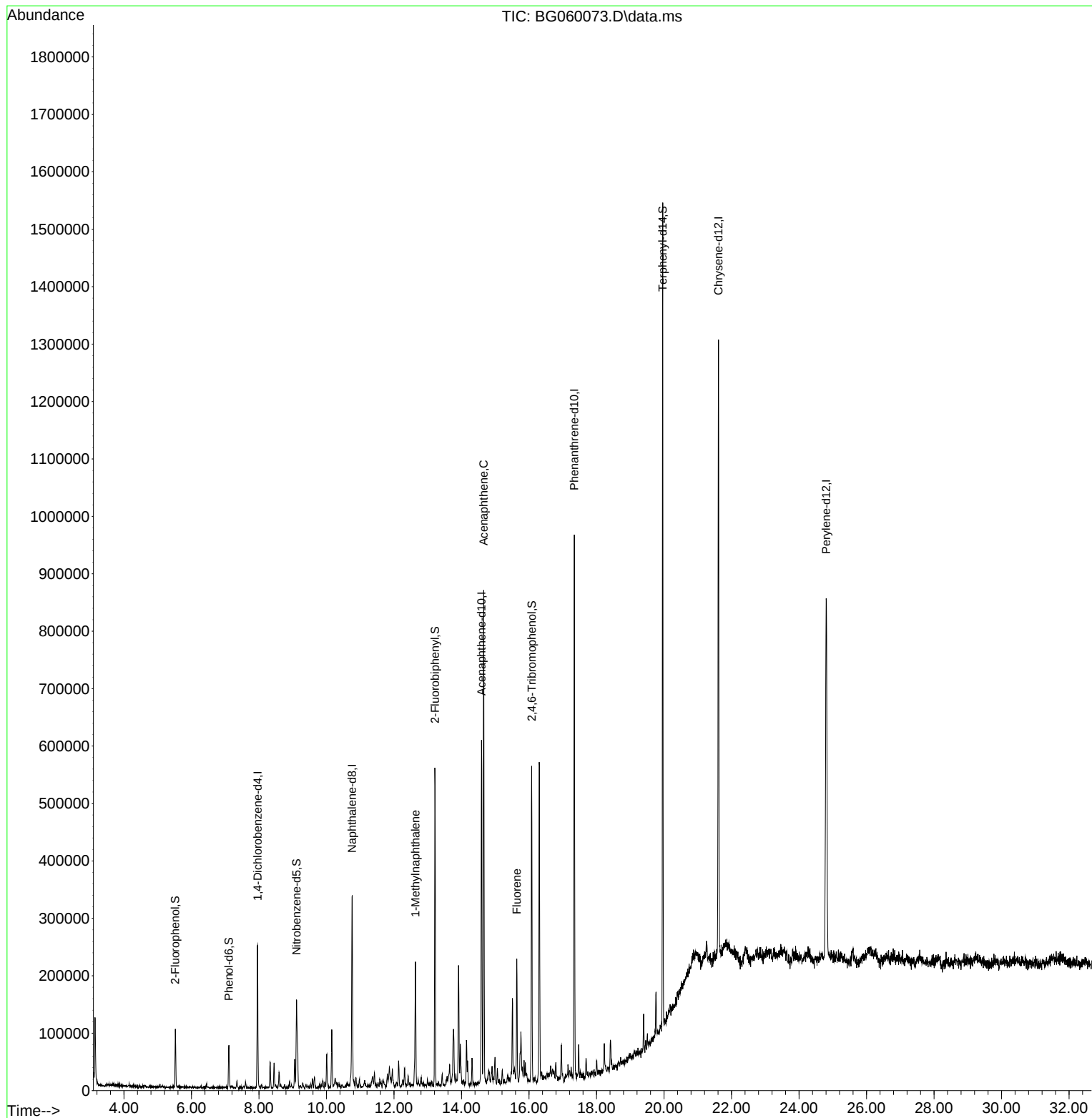
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	65021	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	258669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	216064	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	642189	20.000	ng	# 0.00
76) Chrysene-d12	21.613	240	709895	20.000	ng	# 0.00
86) 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
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

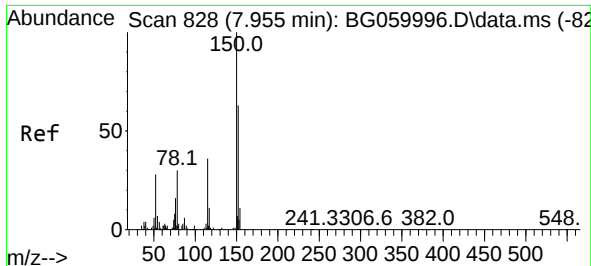
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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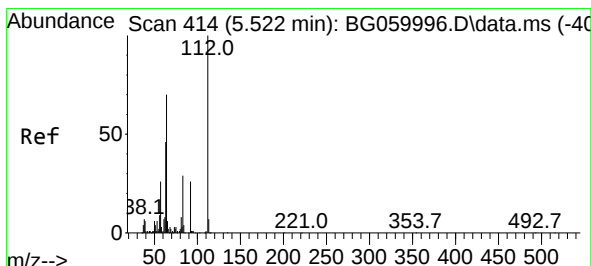
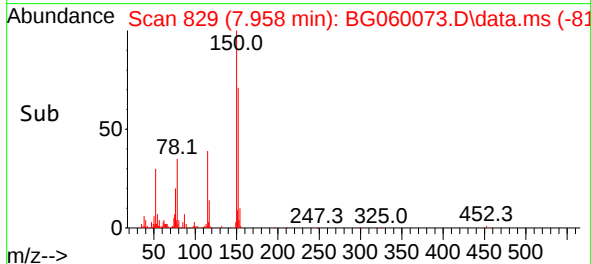
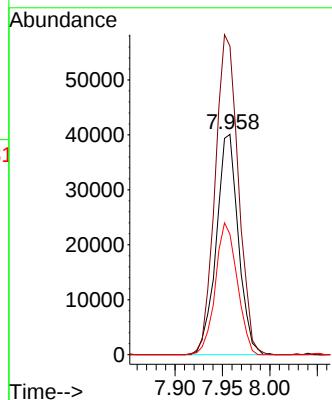
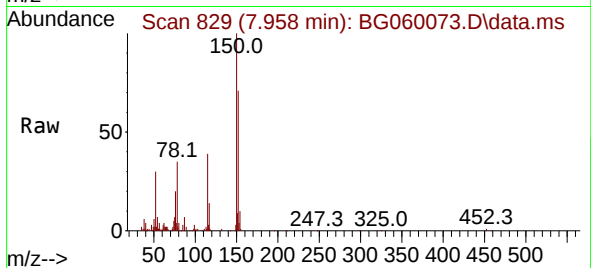




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

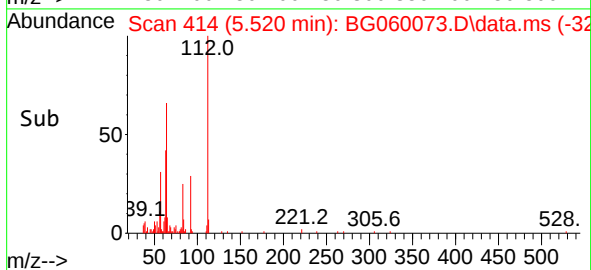
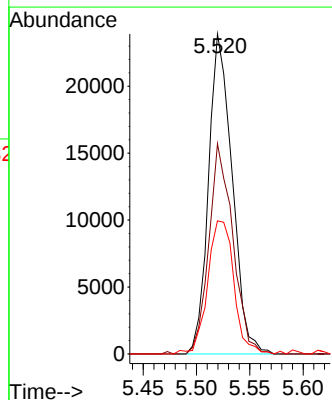
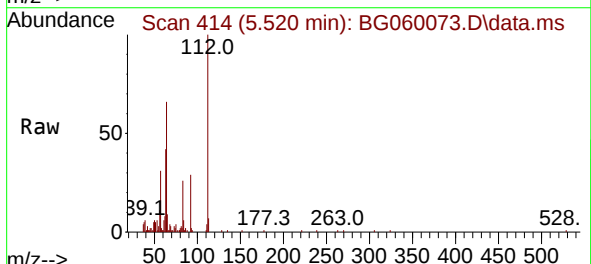
Instrument :
BNA_G
ClientSampleId :
MW04SDL

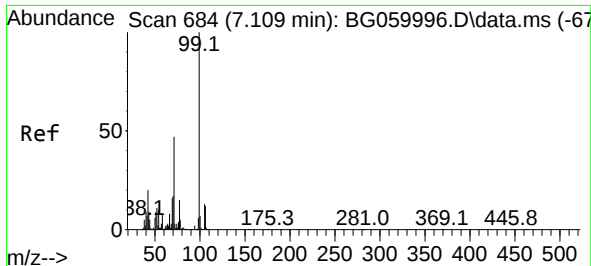
Tgt Ion:152 Resp: 65021
Ion Ratio Lower Upper
152 100
150 140.0 127.0 190.6
115 54.6 45.7 68.5



#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

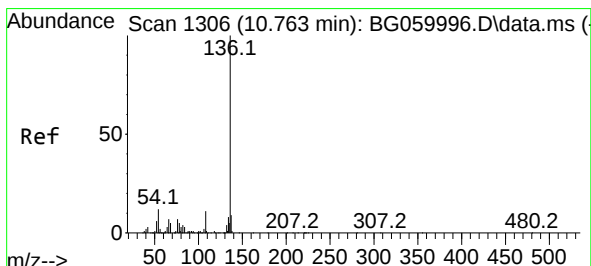
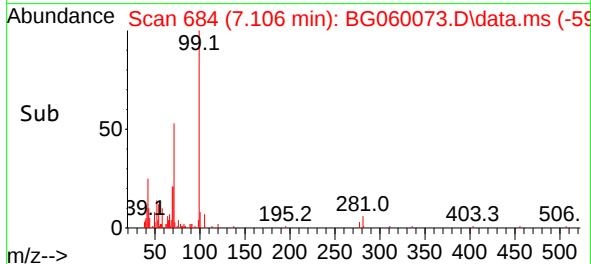
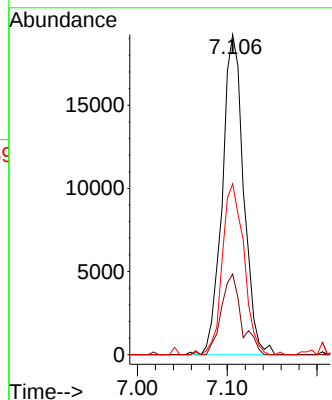
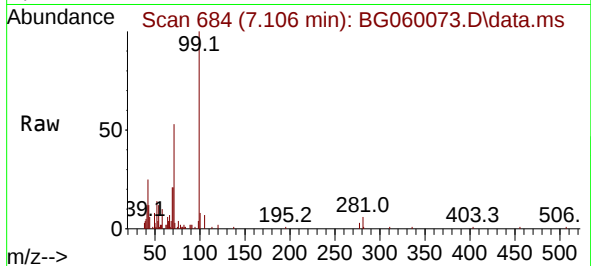




#7
Phenol-d6
Concen: 5.948 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

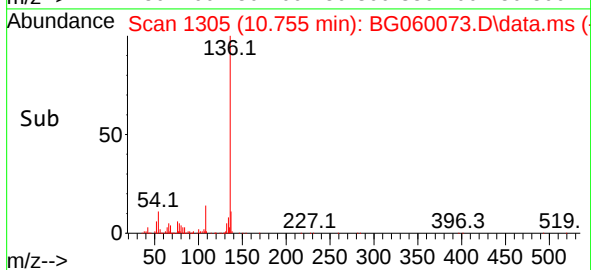
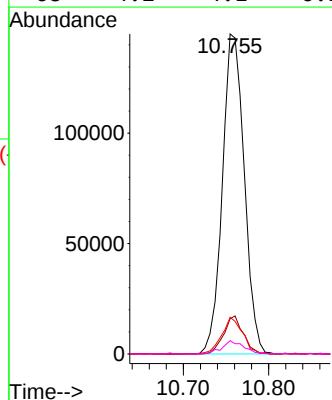
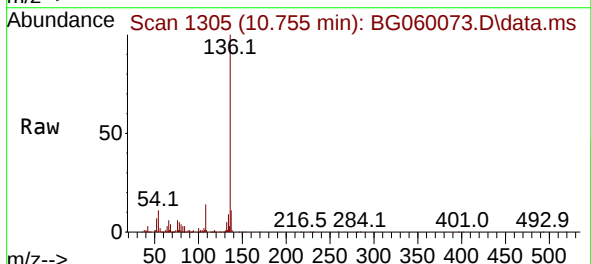
Instrument :
BNA_G
ClientSampleId :
MW04SDL

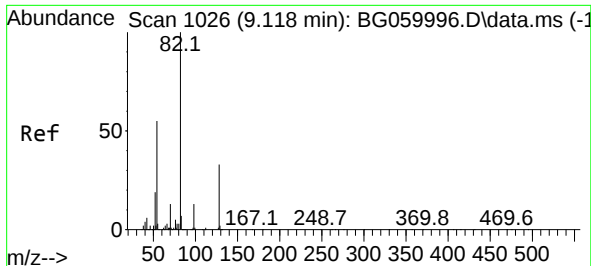
Tgt Ion: 99 Resp: 31782
Ion Ratio Lower Upper
99 100
42 25.2 16.2 24.4#
71 53.4 37.6 56.4



#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

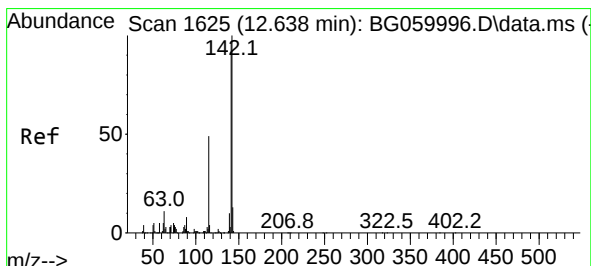
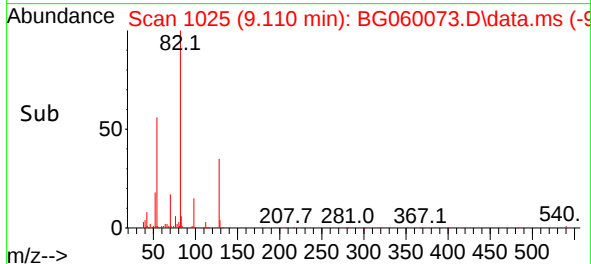
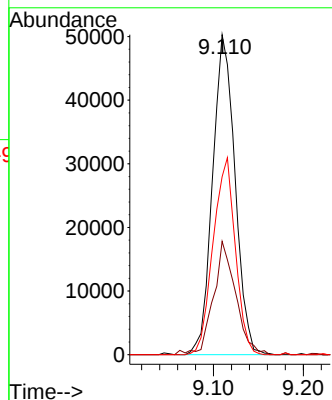
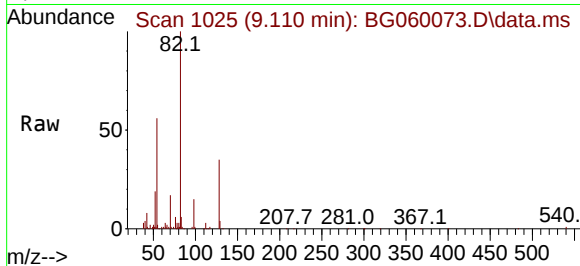




#23
Nitrobenzene-d5
Concen: 15.315 ng
RT: 9.110 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

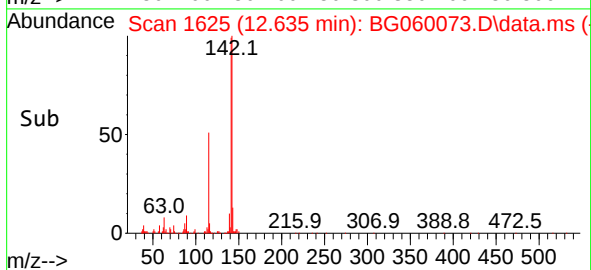
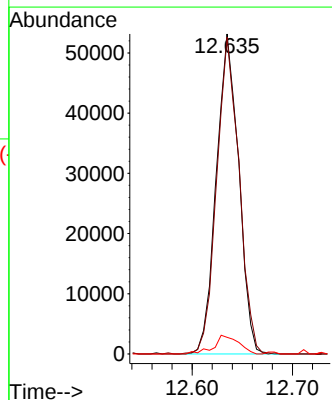
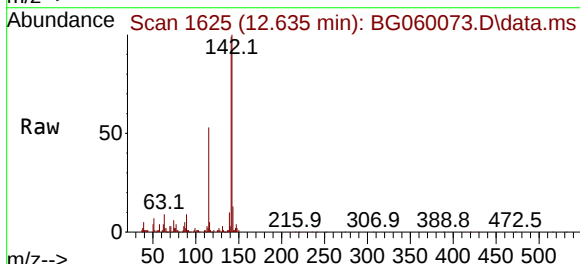
Instrument :
BNA_G
ClientSampleId :
MW04SDL

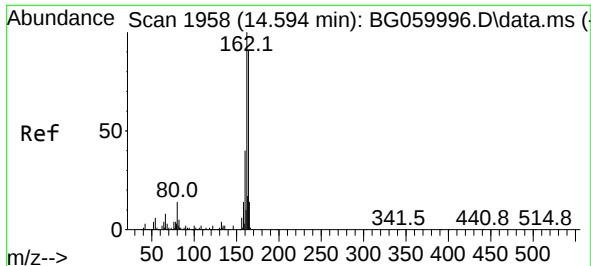
Tgt Ion: 82 Resp: 87245
Ion Ratio Lower Upper
82 100
128 35.4 26.3 39.5
54 55.6 44.3 66.5



#38
1-Methylnaphthalene
Concen: 7.878 ng
RT: 12.635 min Scan# 1625
Delta R.T. -0.007 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 76.9 115.3
116 5.2 3.5 5.3

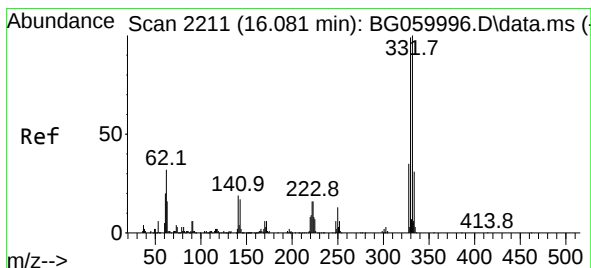
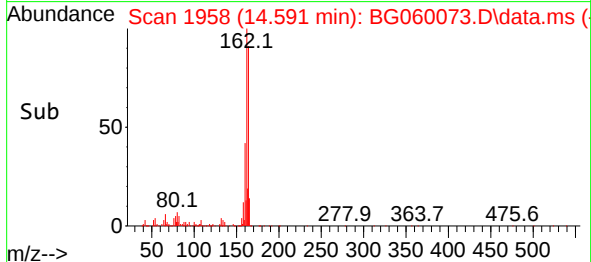
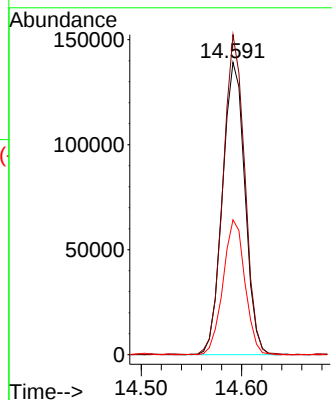
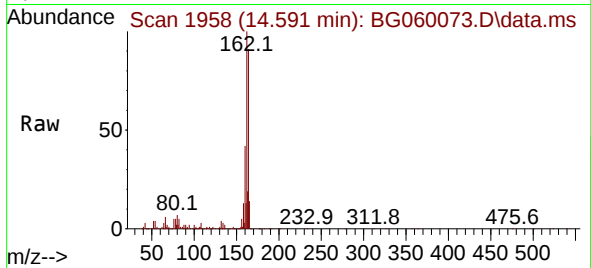




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

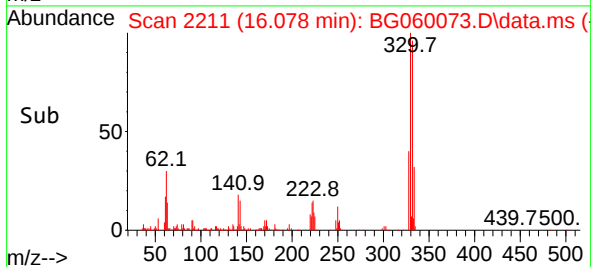
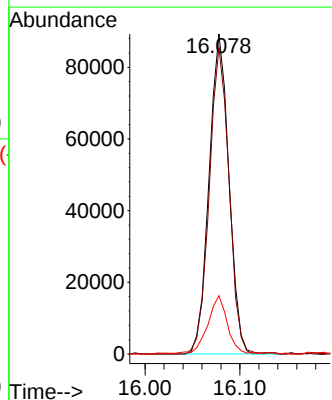
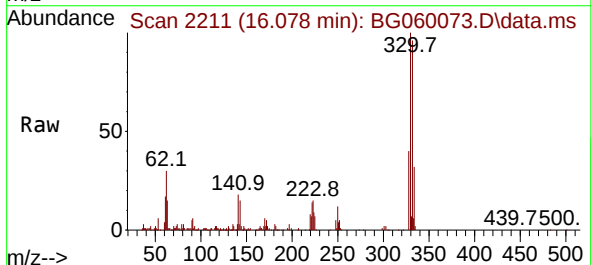
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ClientSampleId :
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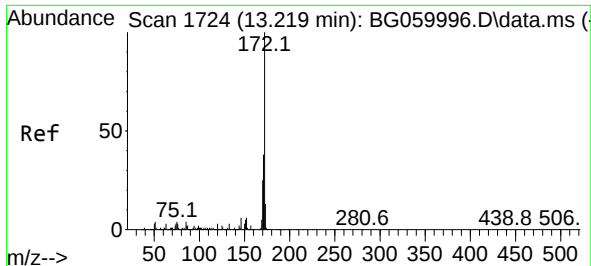
Tgt Ion:164 Resp: 216064
Ion Ratio Lower Upper
164 100
162 109.5 88.1 132.1
160 46.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 25.702 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

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

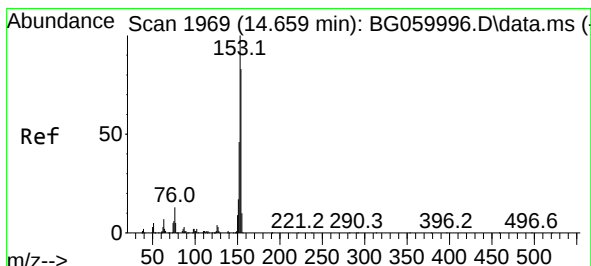
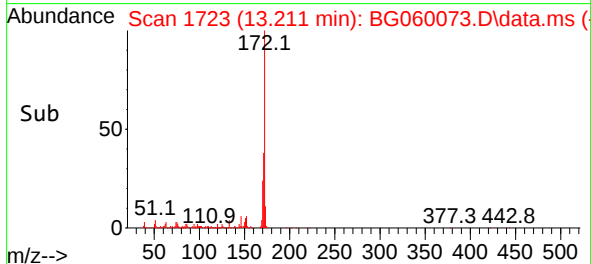
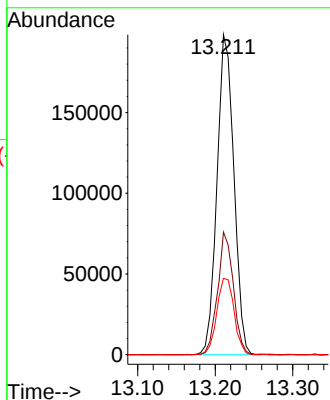
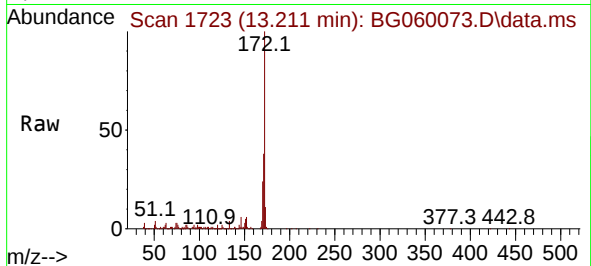




#45
2-Fluorobiphenyl
Concen: 17.017 ng
RT: 13.211 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BG060073.D
Acq: 18 Dec 2023 19:35

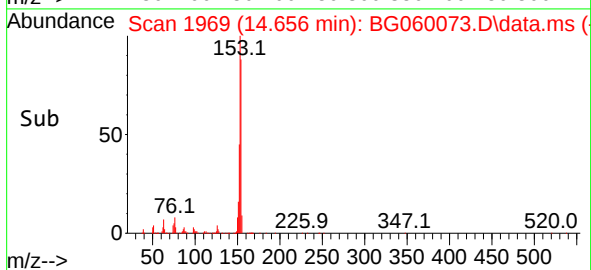
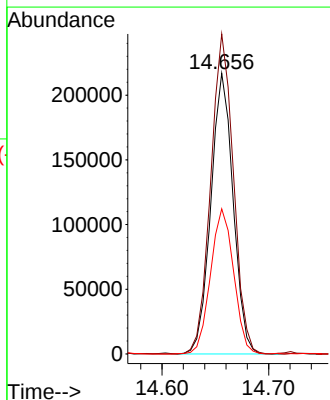
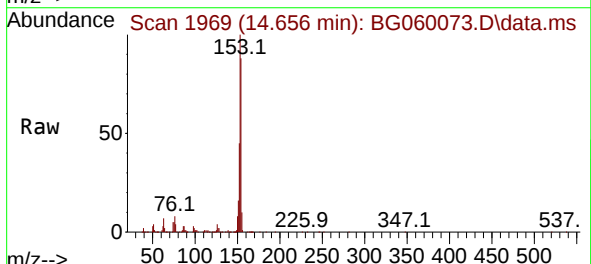
Instrument :
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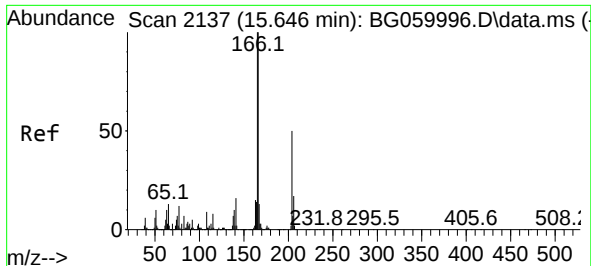
Tgt Ion:172 Resp: 300409
Ion Ratio Lower Upper
172 100
171 38.3 30.1 45.1
170 23.9 20.0 30.0



#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

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

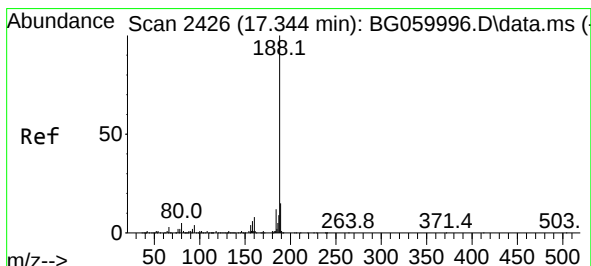
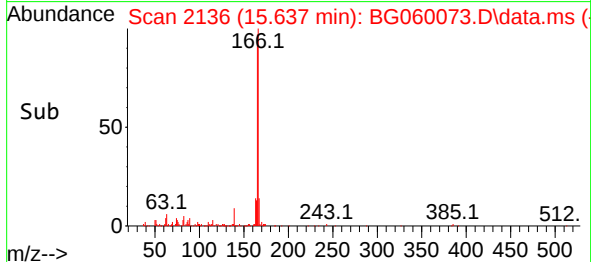
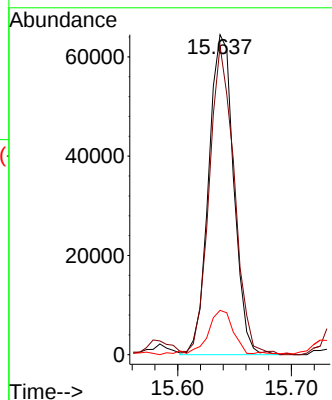
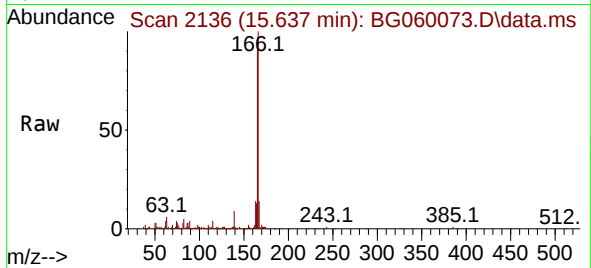




#58
 Fluorene
 Concen: 5.502 ng
 RT: 15.637 min Scan# 2136
 Delta R.T. -0.007 min
 Lab File: BG060073.D
 Acq: 18 Dec 2023 19:35

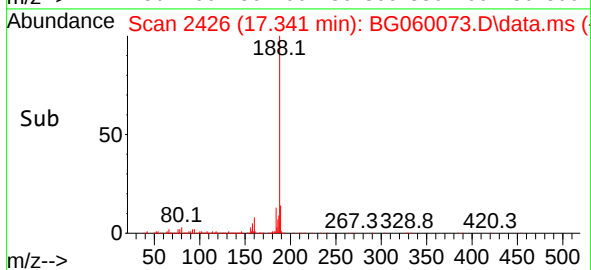
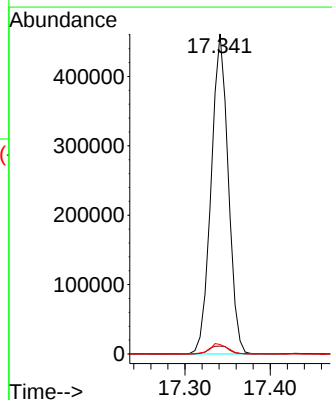
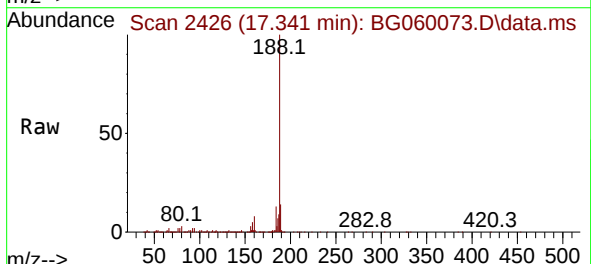
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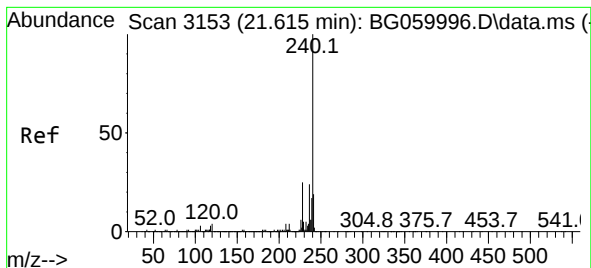
Tgt Ion:166 Resp: 98673
 Ion Ratio Lower Upper
 166 100
 165 96.5 80.2 120.2
 167 13.9 10.3 15.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.341 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BG060073.D
 Acq: 18 Dec 2023 19:35

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#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG060073.D

Acq: 18 Dec 2023 19:35

Instrument :

BNA_G

ClientSampleId :

MW04SDL

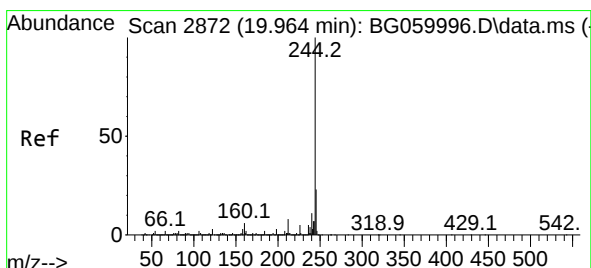
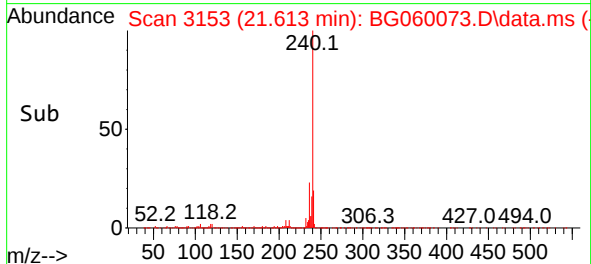
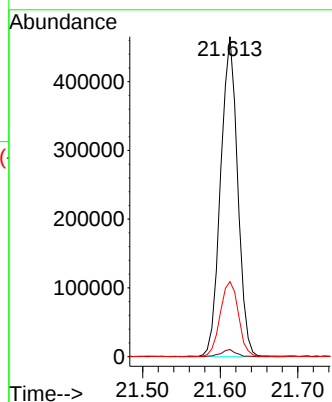
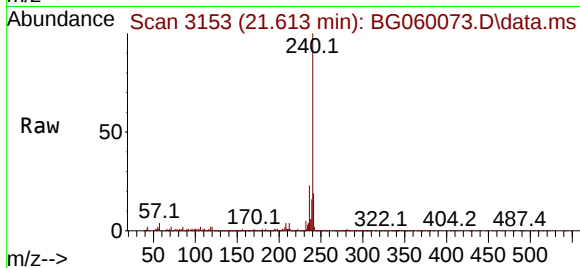
Tgt Ion:240 Resp: 709895

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

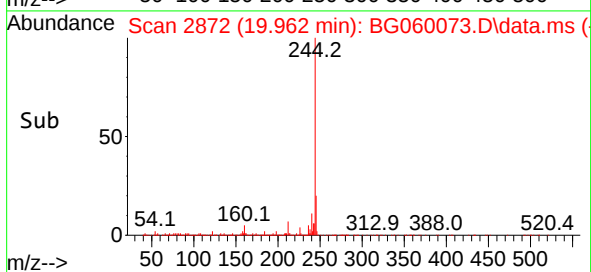
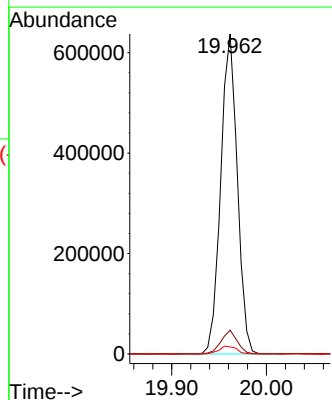
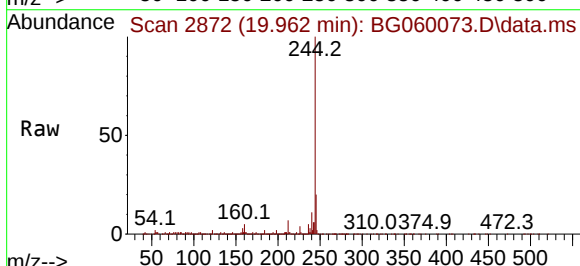
Tgt Ion:244 Resp: 775055

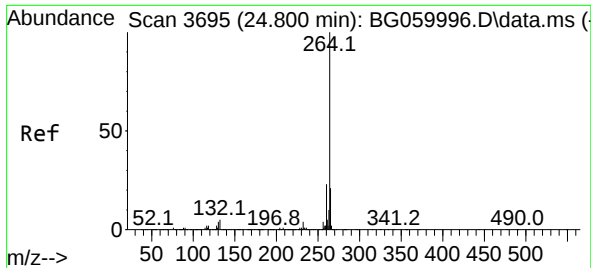
Ion Ratio Lower Upper

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 :
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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

