

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060095.D
 Acq On : 19 Dec 2023 21:30
 Operator : MA/JU
 Sample : 05592-02DL2 500X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW05D-NAPLDL2

Quant Time: Dec 20 00:47:08 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)

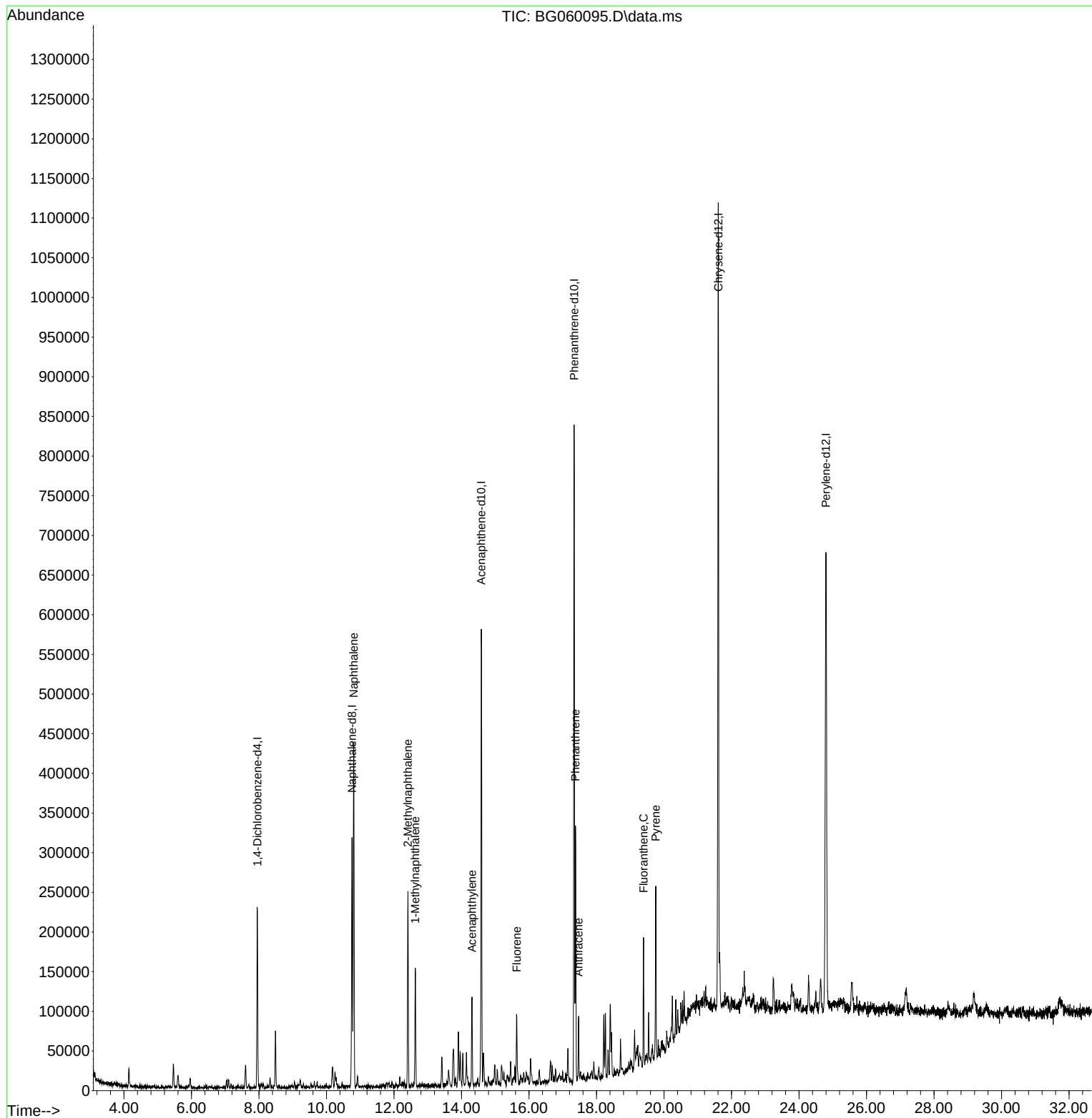
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	59972	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	223264	20.000	ng	# 0.00
39) Acenaphthene-d10	14.587	164	204960	20.000	ng	-0.01
64) Phenanthrene-d10	17.336	188	587296	20.000	ng	#-0.01
76) Chrysene-d12	21.608	240	654652	20.000	ng	#-0.01
86) Perylene-d12	24.798	264	742681	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	7.096	99	253	0.051	ng	-0.02
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	16.067	330	78	0.016	ng	-0.02
45) 2-Fluorobiphenyl	13.218	172	693	0.041	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
31) Naphthalene	10.809	128	310779	26.739	ng	97
37) 2-Methylnaphthalene	12.413	142	101055	11.086	ng	95
38) 1-Methylnaphthalene	12.630	142	63556	7.058	ng	85
49) Acenaphthylene	14.311	152	71146	3.951	ng	97
58) Fluorene	15.638	166	43189	2.539	ng	92
71) Phenanthrene	17.378	178	225345	7.922	ng	96
72) Anthracene	17.466	178	58925	2.060	ng	96
75) Fluoranthene	19.393	202	99748	2.403	ng	90
78) Pyrene	19.757	202	146545	3.693	ng	97

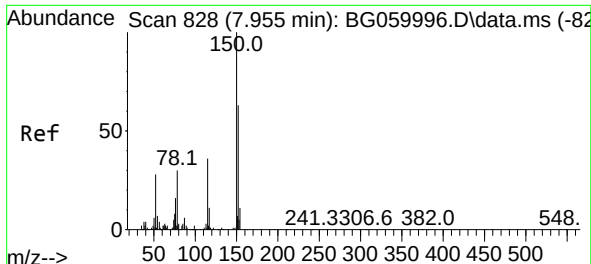
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
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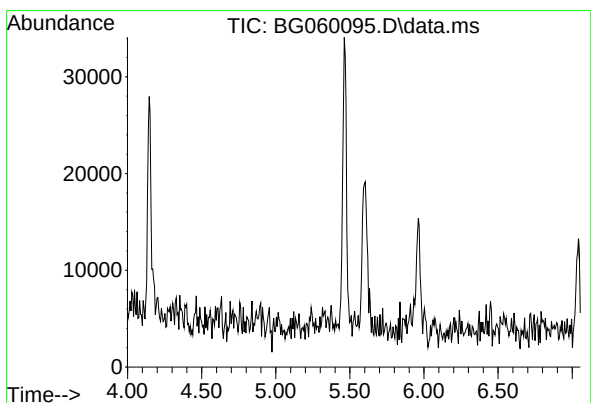
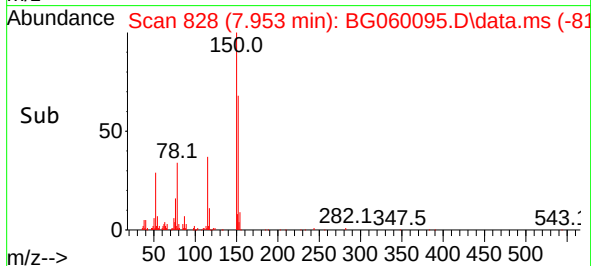
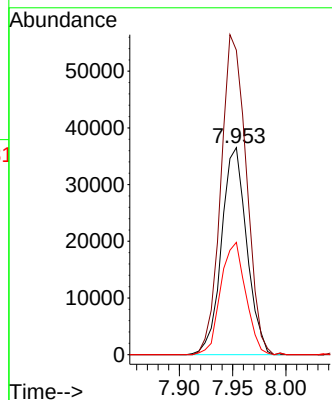
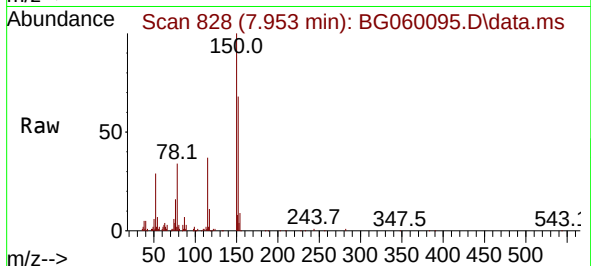




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

Instrument :
 BNA_G
 ClientSampleId :
 MW05D-NAPLDL2

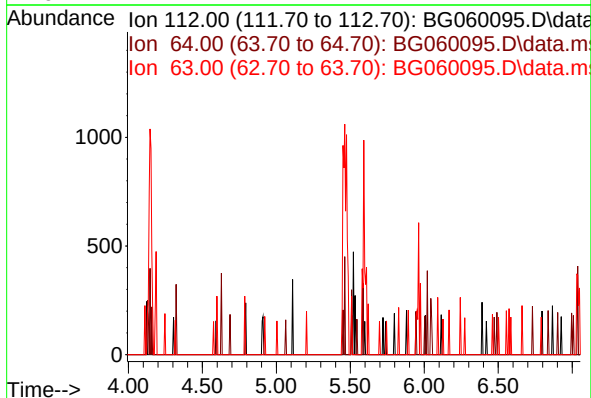
Tgt Ion:152 Resp: 59972
 Ion Ratio Lower Upper
 152 100
 150 147.0 127.0 190.6
 115 54.3 45.7 68.5

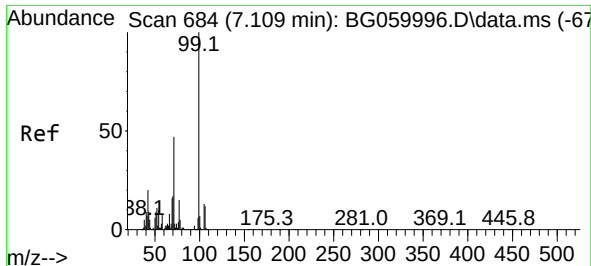


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.53 min

Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 69.9
 63 45.6

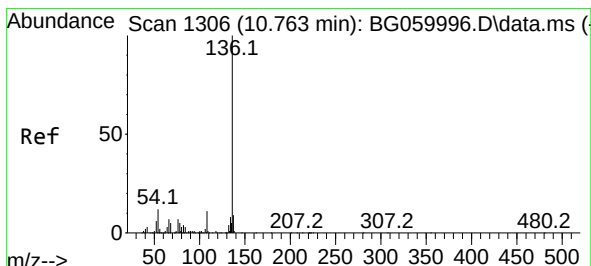
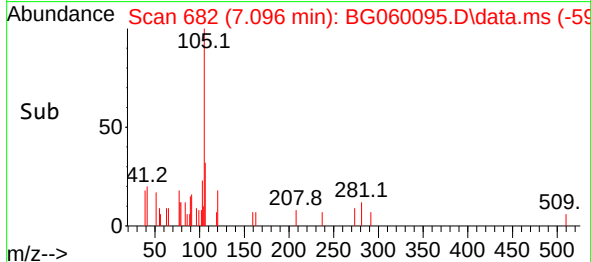
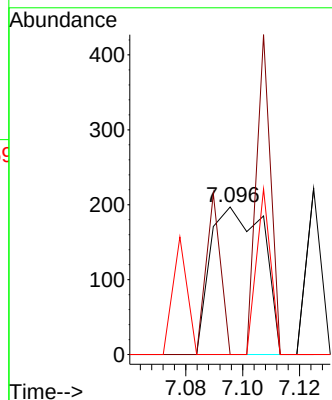
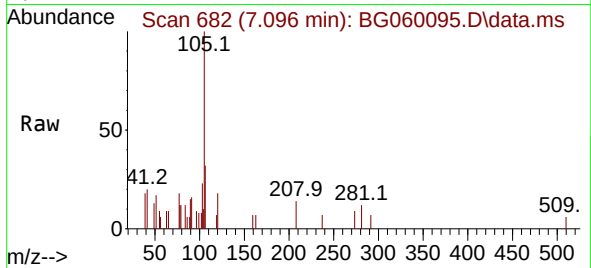




#7
Phenol-d6
Concen: 0.051 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.017 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

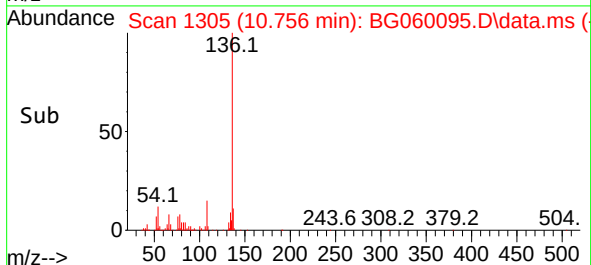
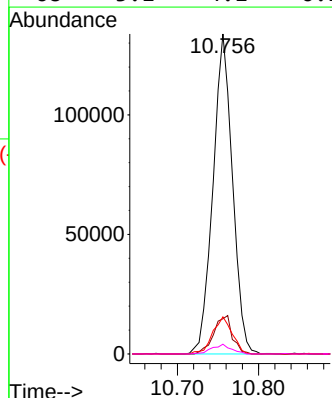
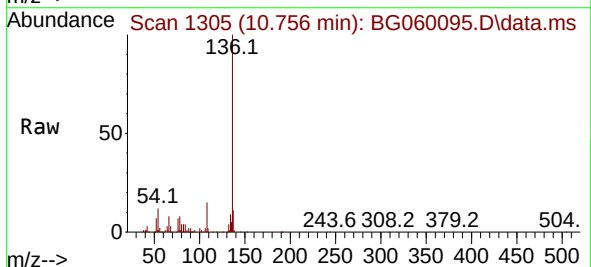
Instrument :
BNA_G
ClientSampleId :
MW05D-NAPLDL2

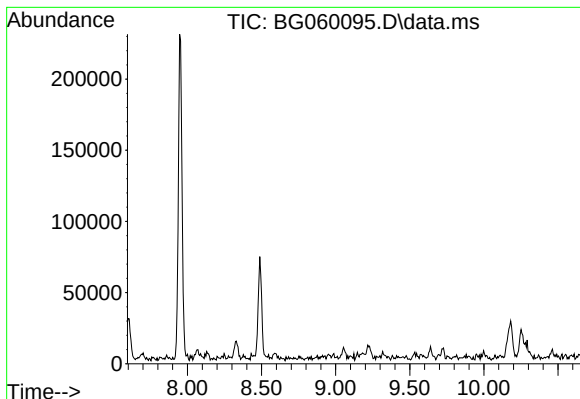
Tgt Ion: 99 Resp: 253
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Tgt Ion:136 Resp: 223264
Ion Ratio Lower Upper
136 100
137 11.0 7.3 10.9#
54 11.6 9.6 14.4
68 3.1 4.1 6.1#

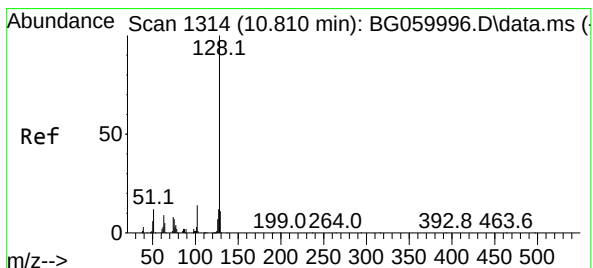
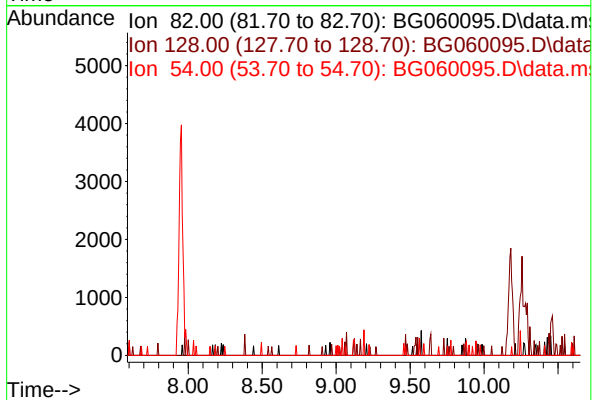




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.12 min
 Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

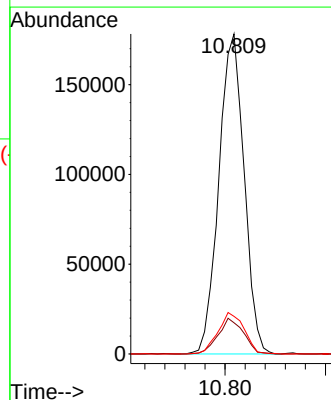
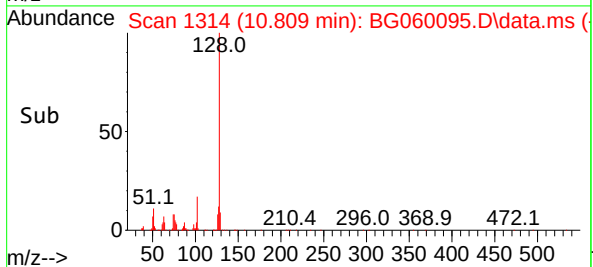
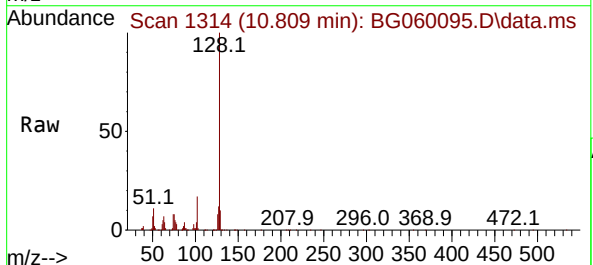
Instrument :
 BNA_G
 ClientSampleId :
 MW05D-NAPLDL2

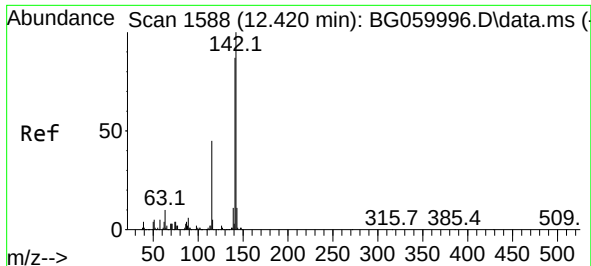
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 32.9
 54 55.4



#31
 Naphthalene
 Concen: 26.739 ng
 RT: 10.809 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

Tgt Ion:128 Resp: 310779
 Ion Ratio Lower Upper
 128 100
 129 9.7 9.2 13.8
 127 11.8 9.7 14.5





#37

2-Methylnaphthalene

Concen: 11.086 ng

RT: 12.413 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG060095.D

Acq: 19 Dec 2023 21:30

Instrument :

BNA_G

ClientSampleId :

MW05D-NAPLDL2

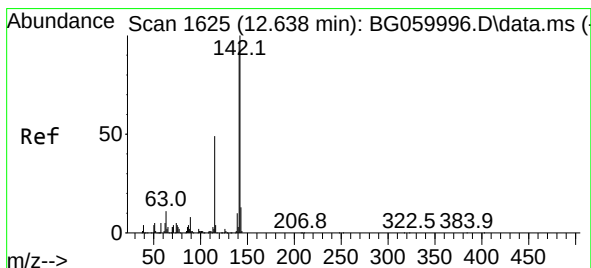
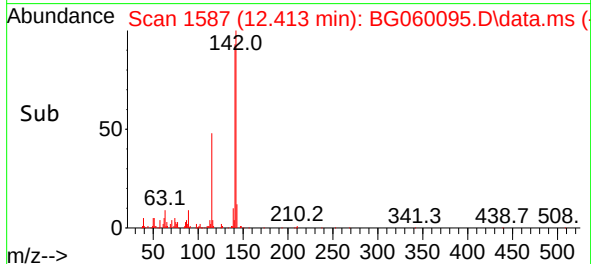
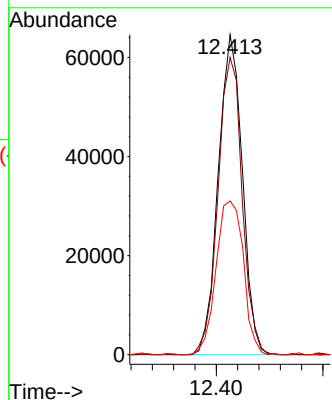
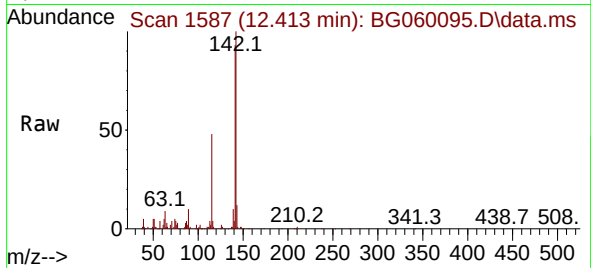
Tgt Ion:142 Resp: 101055

Ion Ratio Lower Upper

142 100

141 92.9 69.9 104.9

115 48.0 36.1 54.1



#38

1-Methylnaphthalene

Concen: 7.058 ng

RT: 12.630 min Scan# 1624

Delta R.T. -0.011 min

Lab File: BG060095.D

Acq: 19 Dec 2023 21:30

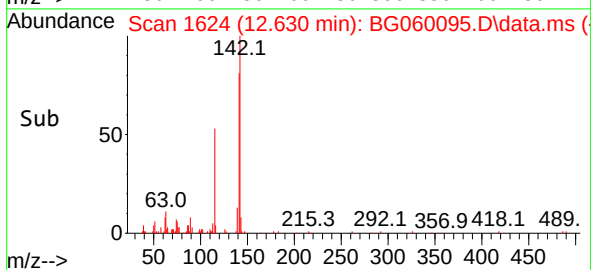
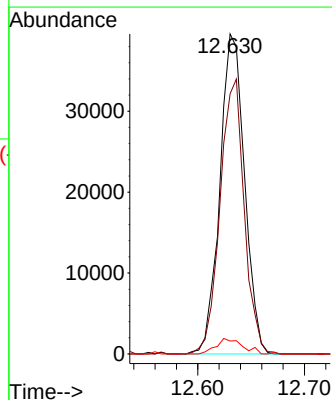
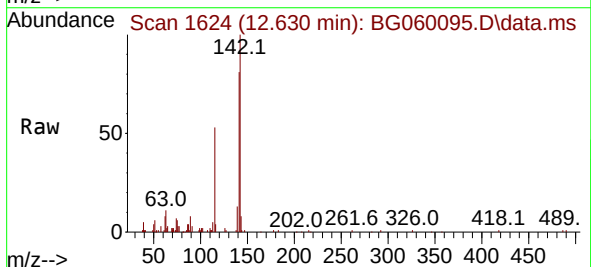
Tgt Ion:142 Resp: 63556

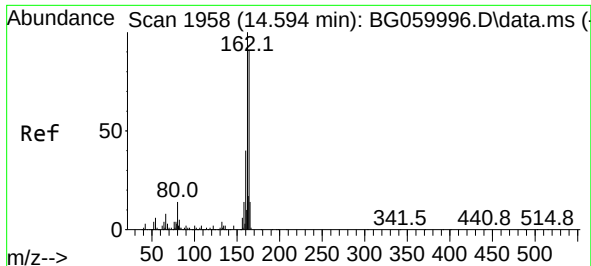
Ion Ratio Lower Upper

142 100

141 81.3 76.9 115.3

116 4.1 3.5 5.3

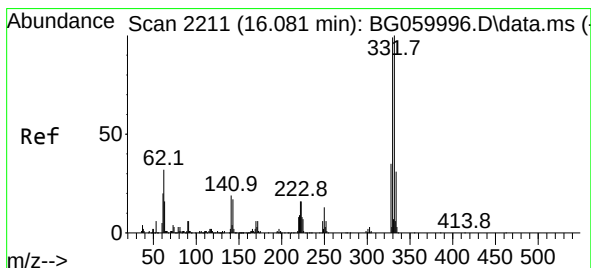
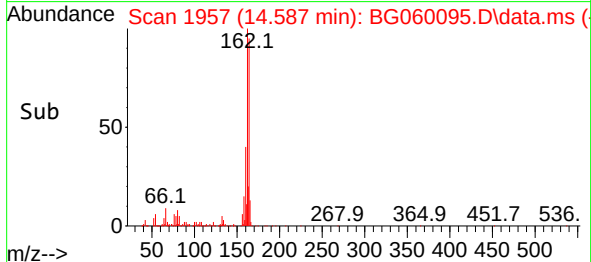
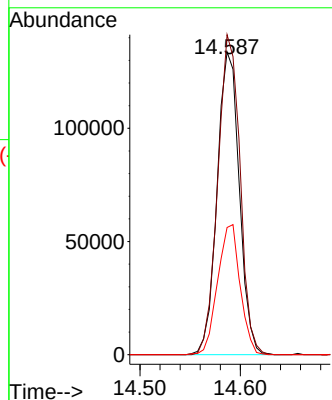
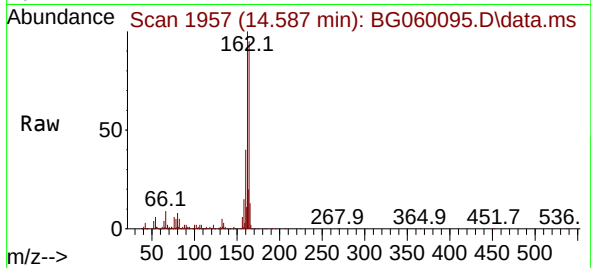




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

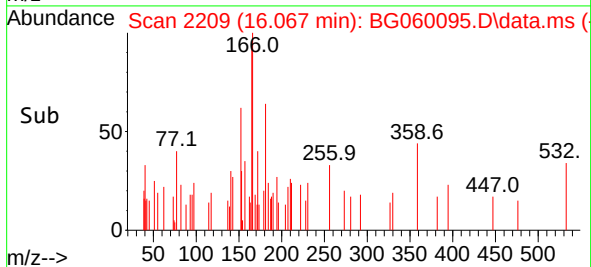
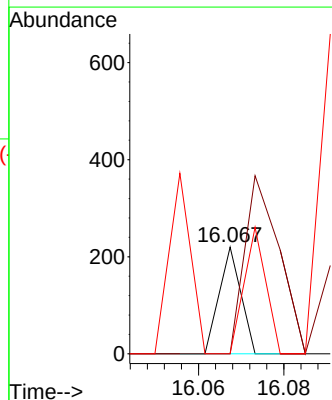
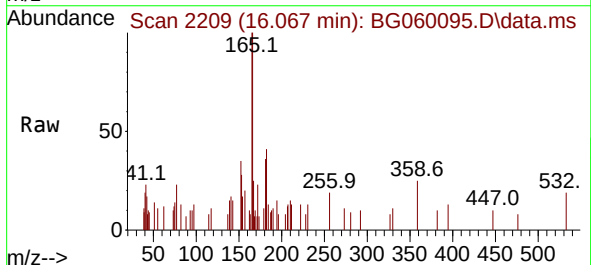
Instrument :
BNA_G
ClientSampleId :
MW05D-NAPLDL2

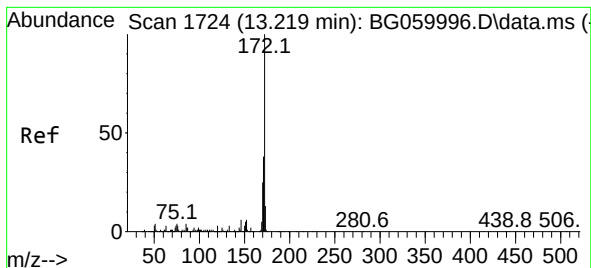
Tgt Ion:164 Resp: 204960
Ion Ratio Lower Upper
164 100
162 105.7 88.1 132.1
160 42.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Tgt Ion:330 Resp: 78
Ion Ratio Lower Upper
330 100
332 344.9 76.2 114.4#
141 167.9 14.3 21.5#

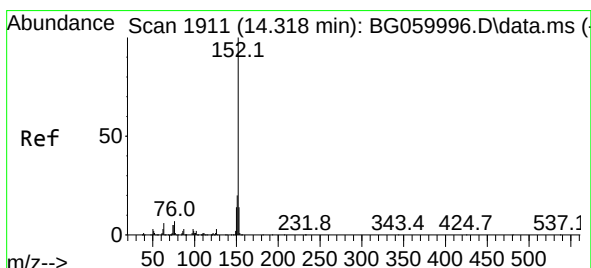
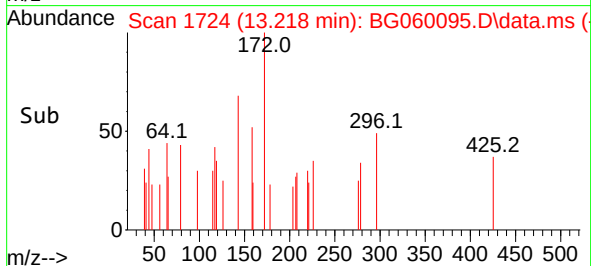
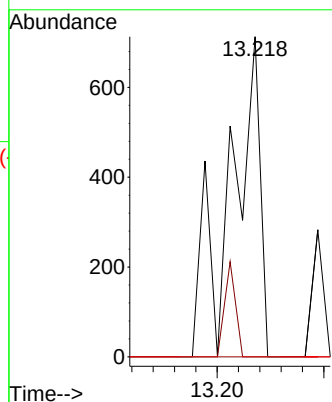
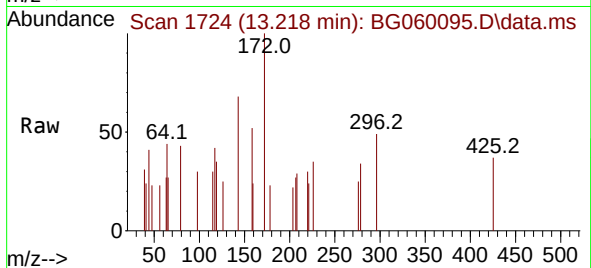




#45
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 13.218 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

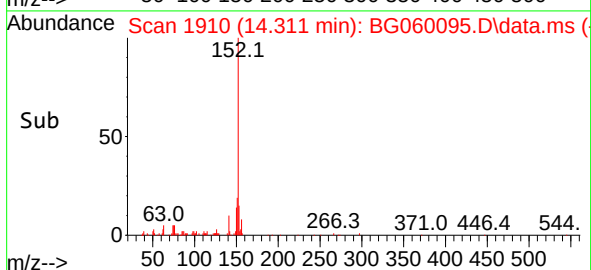
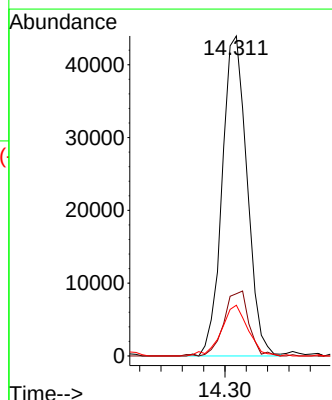
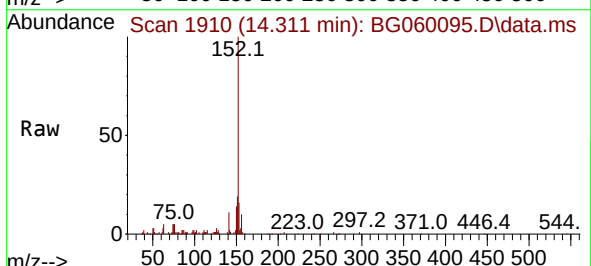
Instrument :
BNA_G
ClientSampleId :
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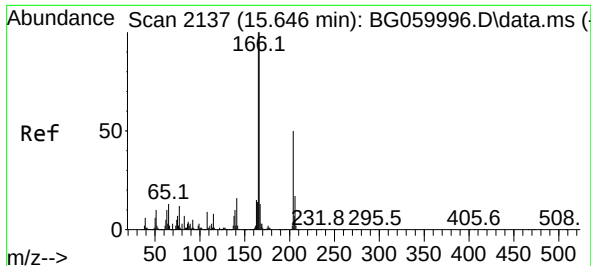
Tgt Ion:172 Resp: 693
Ion Ratio Lower Upper
172 100
171 0.0 30.1 45.1#
170 0.0 20.0 30.0#



#49
Acenaphthylene
Concen: 3.951 ng
RT: 14.311 min Scan# 1910
Delta R.T. -0.011 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Tgt Ion:152 Resp: 71146
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 15.9 11.0 16.4

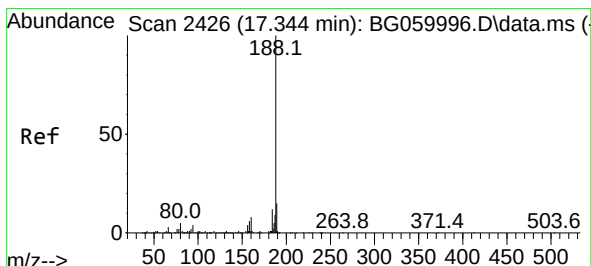
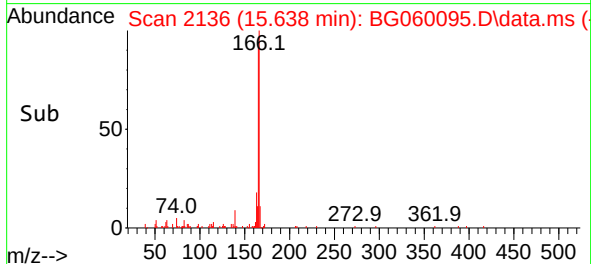
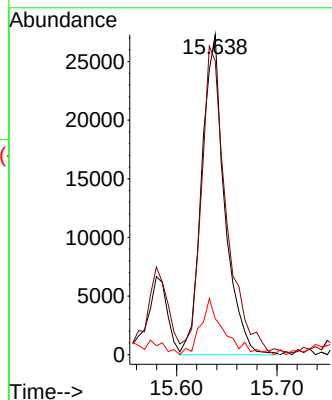
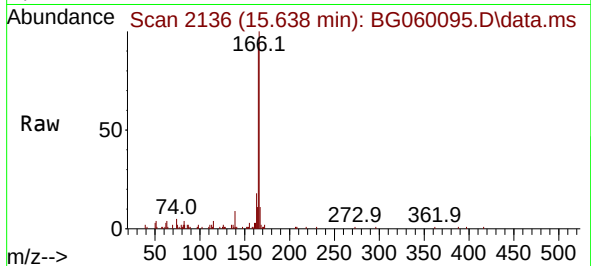




#58
 Fluorene
 Concen: 2.539 ng
 RT: 15.638 min Scan# 2136
 Delta R.T. -0.005 min
 Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

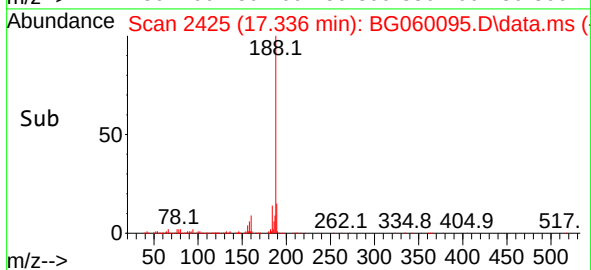
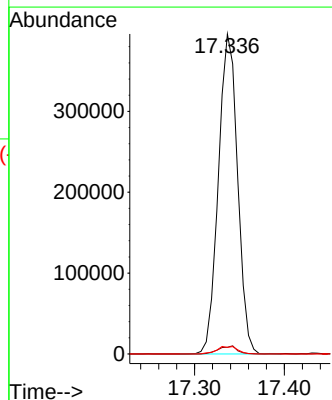
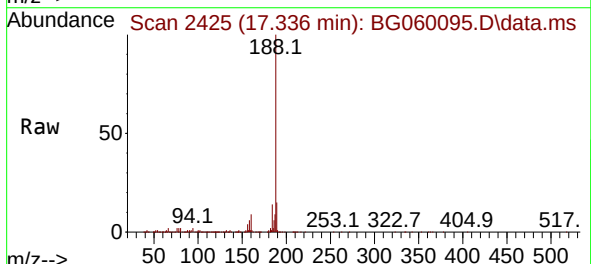
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 ClientSampleId :
 MW05D-NAPLDL2

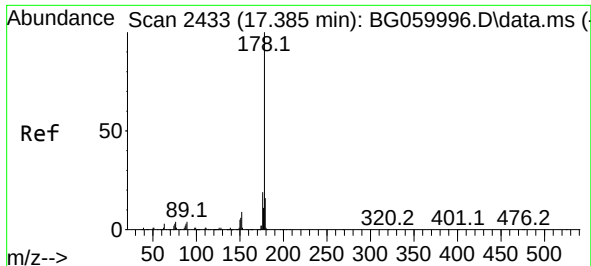
Tgt Ion:166 Resp: 43189
 Ion Ratio Lower Upper
 166 100
 165 91.8 80.2 120.2
 167 11.3 10.3 15.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.336 min Scan# 2425
 Delta R.T. -0.011 min
 Lab File: BG060095.D
 Acq: 19 Dec 2023 21:30

Tgt Ion:188 Resp: 587296
 Ion Ratio Lower Upper
 188 100
 94 2.1 3.0 4.6#
 80 2.0 4.0 6.0#

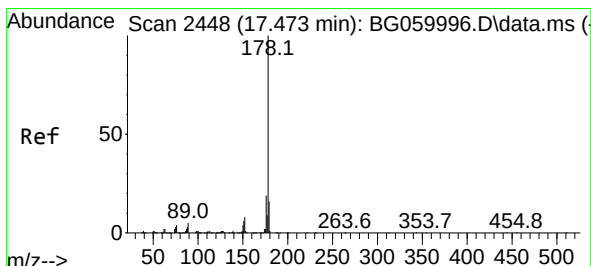
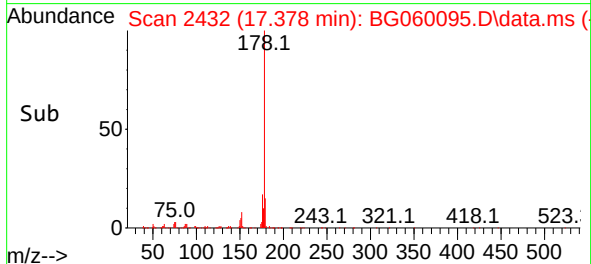
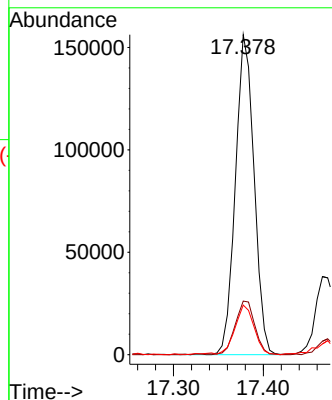
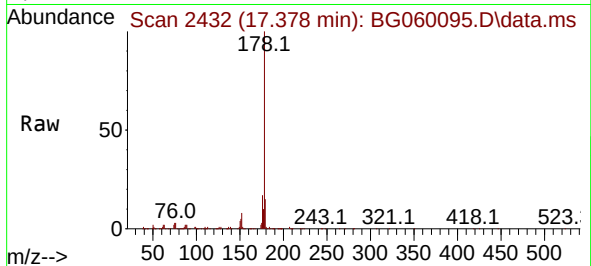




#71
Phenanthrene
Concen: 7.922 ng
RT: 17.378 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

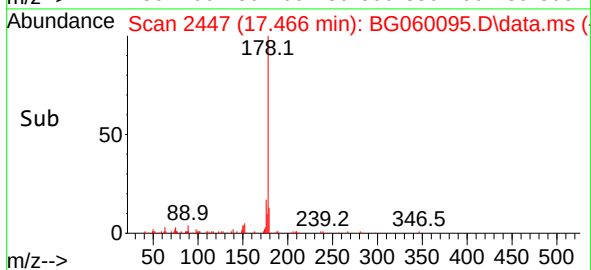
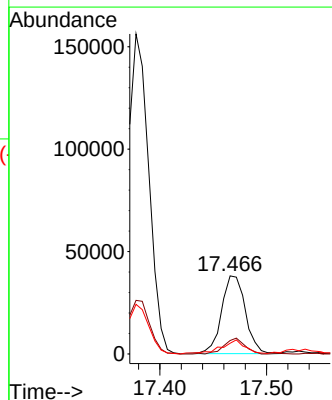
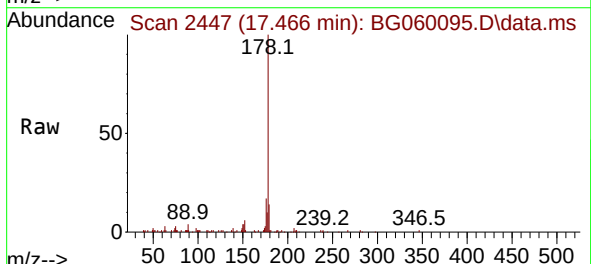
Instrument :
BNA_G
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MW05D-NAPLDL2

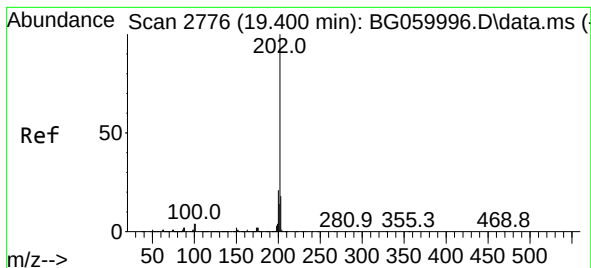
Tgt Ion:178 Resp: 225345
Ion Ratio Lower Upper
178 100
176 16.7 15.6 23.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 2.060 ng
RT: 17.466 min Scan# 2447
Delta R.T. -0.011 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Tgt Ion:178 Resp: 58925
Ion Ratio Lower Upper
178 100
176 17.2 15.0 22.6
179 13.7 12.6 19.0





#75

Fluoranthene

Concen: 2.403 ng

RT: 19.393 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG060095.D

Acq: 19 Dec 2023 21:30

Instrument :

BNA_G

ClientSampleId :

MW05D-NAPL2

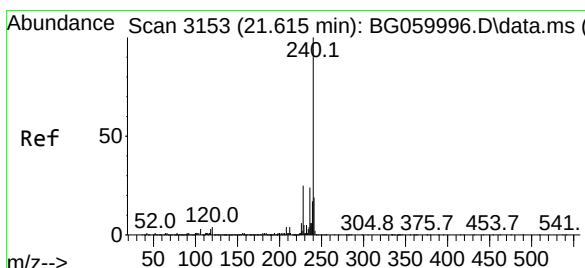
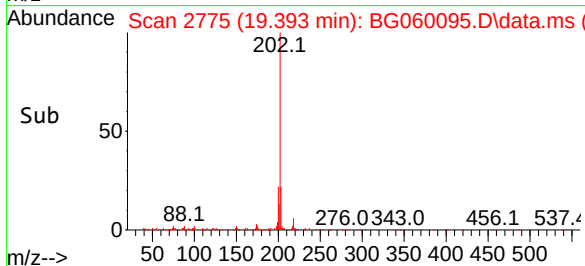
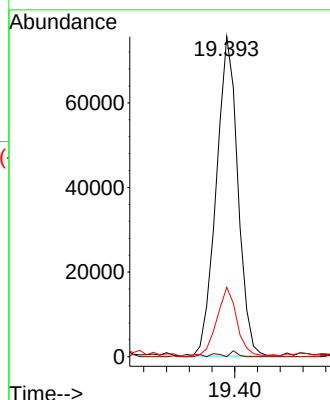
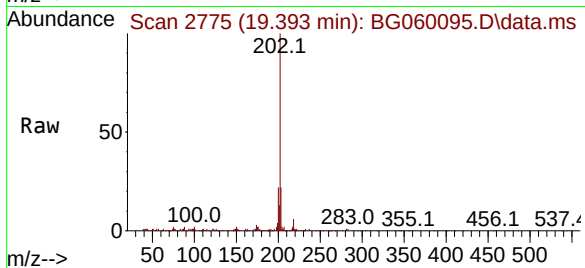
Tgt Ion:202 Resp: 99748

Ion Ratio Lower Upper

202 100

101 0.0 0.0 24.2

203 21.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 3152

Delta R.T. -0.011 min

Lab File: BG060095.D

Acq: 19 Dec 2023 21:30

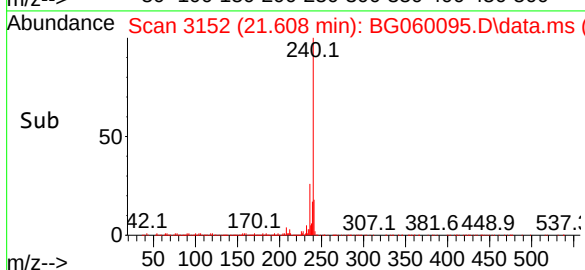
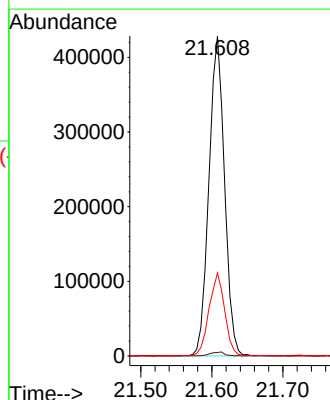
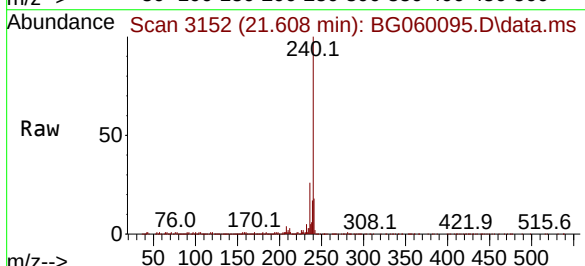
Tgt Ion:240 Resp: 654652

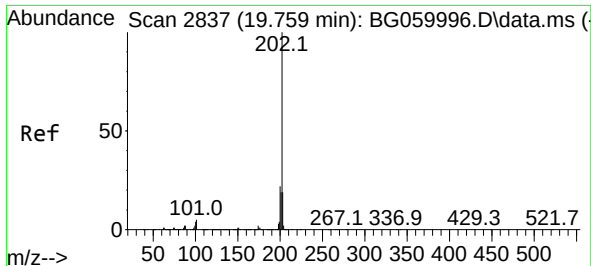
Ion Ratio Lower Upper

240 100

120 1.1 2.9 4.3#

236 25.9 19.4 29.2

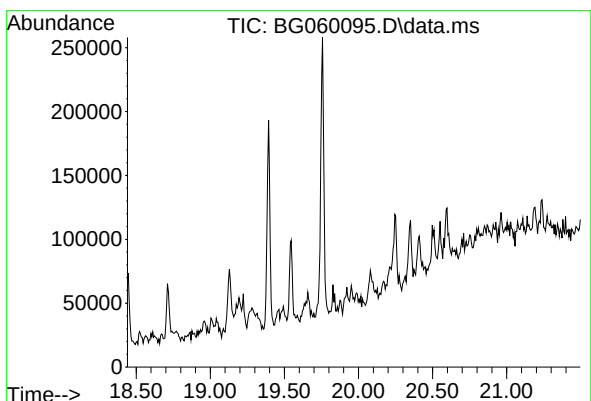
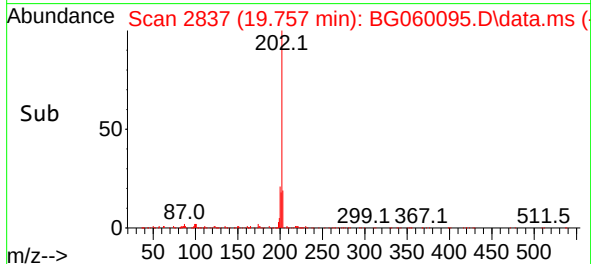
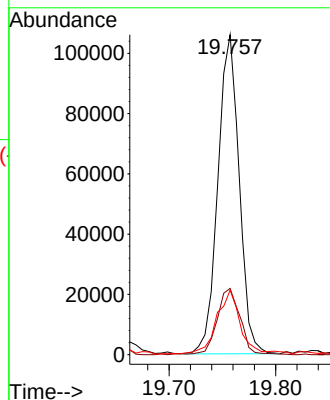
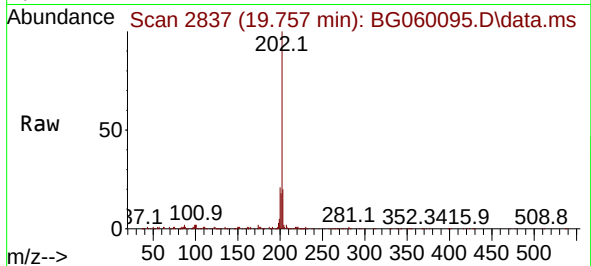




#78
Pyrene
Concen: 3.693 ng
RT: 19.757 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Instrument :
BNA_G
ClientSampleId :
MW05D-NAPLDL2

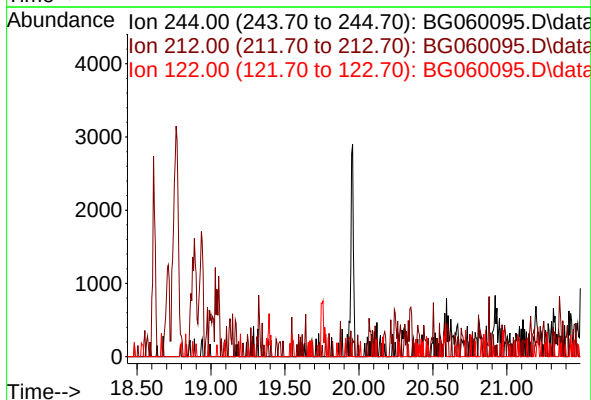
Tgt Ion:202 Resp: 146545
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 20.2 14.9 22.3

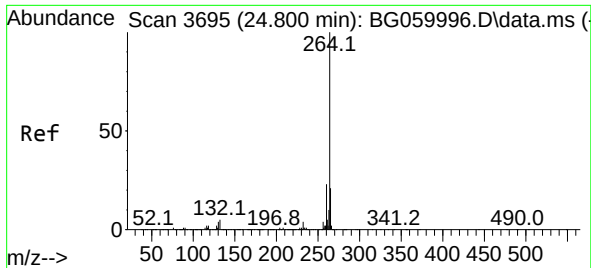


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.97 min

Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.5
122 3.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG060095.D
Acq: 19 Dec 2023 21:30

Instrument :
BNA_G
ClientSampleId :
MW05D-NAPLDL2

Tgt Ion:264 Resp: 742681

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.3	17.3	25.9

