

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060079.D
 Acq On : 18 Dec 2023 23:38
 Operator : MA/JU
 Sample : 05670-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 04:43:35 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	7.955	152	64675	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	240850	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	213512	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	612473	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	660418	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	728664	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	192464	50.942	ng	0.00
7) Phenol-d6	7.109	99	170692	32.118	ng	0.00
23) Nitrobenzene-d5	9.119	82	482969	91.056	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	760381	152.815	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1579968	90.567	ng	0.00
79) Terphenyl-d14	19.965	244	3650079	100.906	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.139	94	31338	5.870	ng	82
15) Benzyl Alcohol	8.190	79	27836	6.517	ng	# 86
17) 2-Methylphenol	8.396	107	637805	179.191	ng	# 86
20) 3+4-Methylphenols	8.713	107	106870	21.496	ng	94
31) Naphthalene	10.817	128	1876750	149.683	ng	97
37) 2-Methylnaphthalene	12.415	142	183185	18.628	ng	95
38) 1-Methylnaphthalene	12.632	142	115808m	11.922	ng	

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

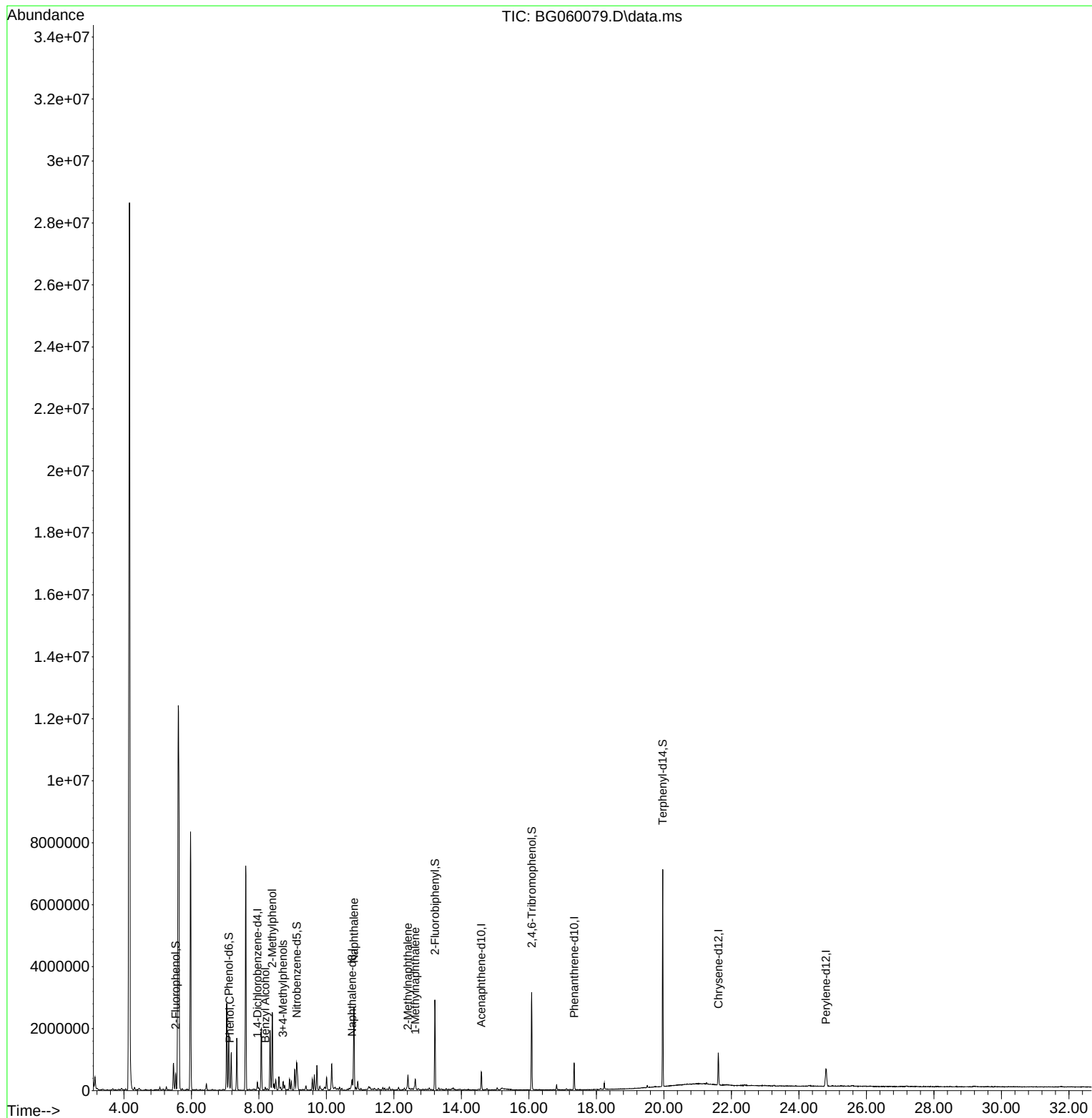
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

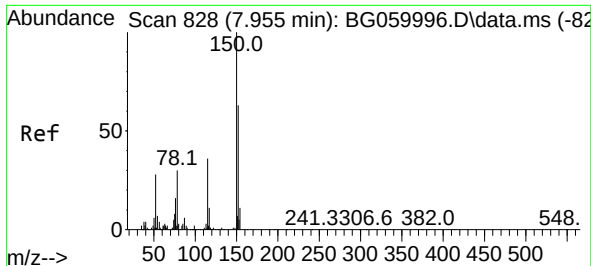
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MW-6A

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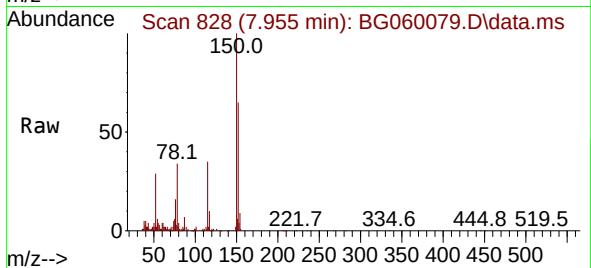
Quant Time: Dec 19 04:43:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

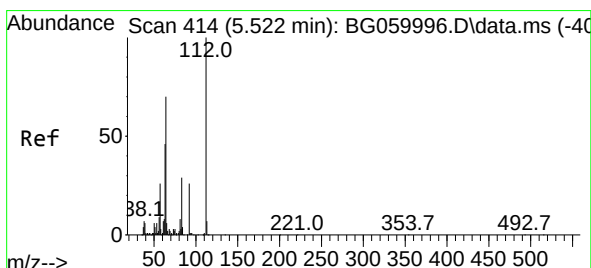
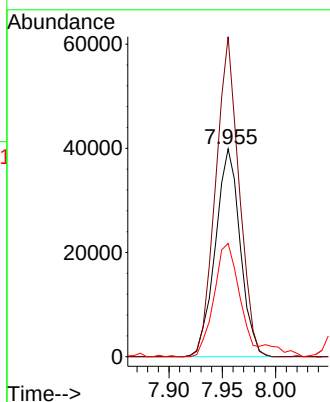
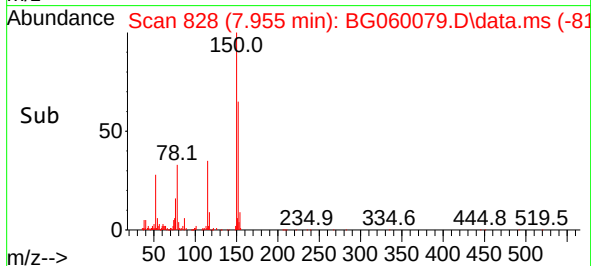
Instrument :
BNA_G
ClientSampleId :
MW-6A



Tgt Ion:152 Resp: 64679
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 54.5 45.7 68.5

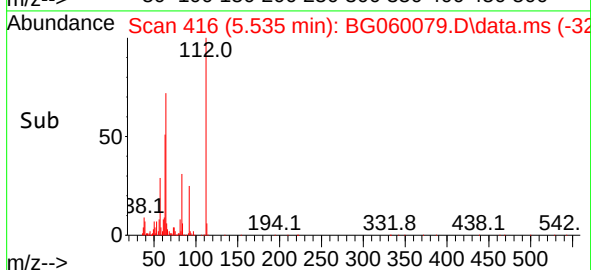
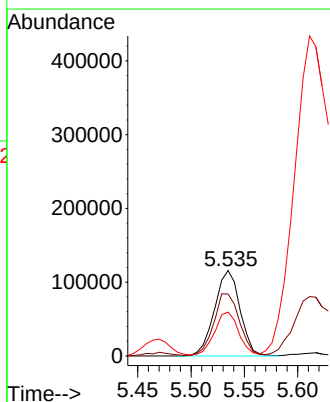
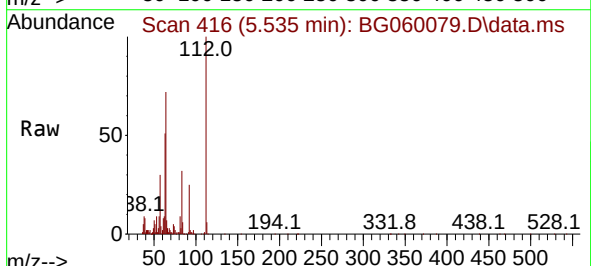
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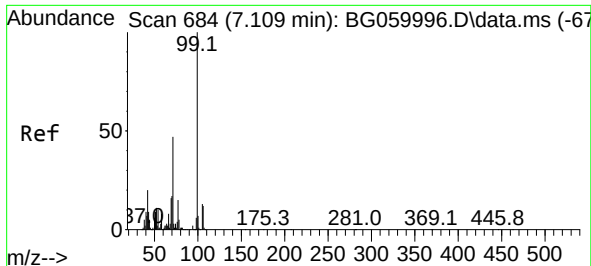
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#5
2-Fluorophenol
Concen: 50.942 ng
RT: 5.535 min Scan# 416
Delta R.T. 0.008 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Tgt Ion:112 Resp: 192464
Ion Ratio Lower Upper
112 100
64 72.4 55.9 83.9
63 51.4 36.5 54.7





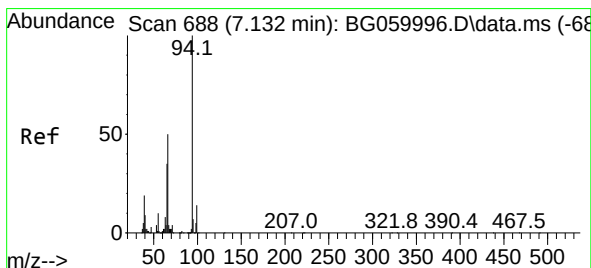
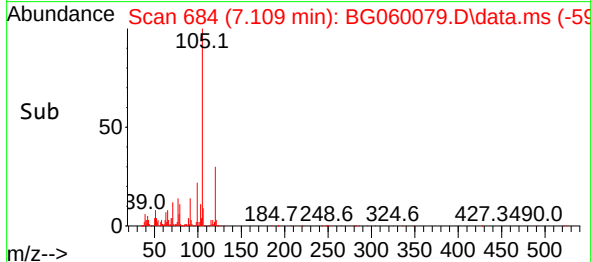
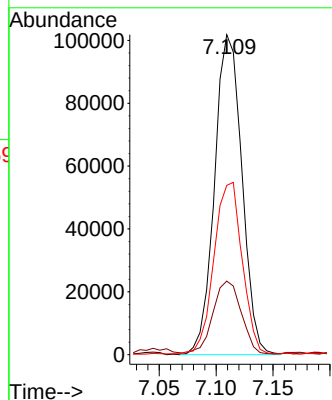
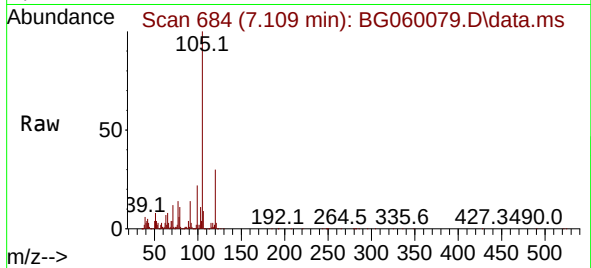
#7
Phenol-d6
Concen: 32.118 ng
RT: 7.109 min Scan# 684
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Instrument :
BNA_G
ClientSampleId :
MW-6A

Tgt Ion: 99 Resp: 170692
Ion Ratio Lower Upper
99 100
42 23.0 16.2 24.4
71 52.9 37.6 56.4

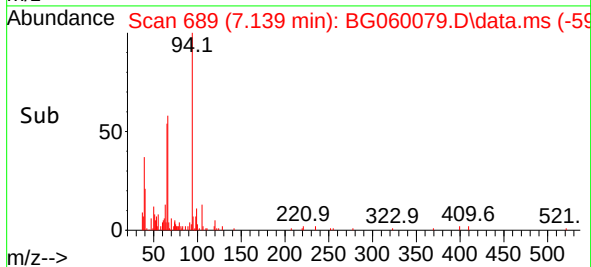
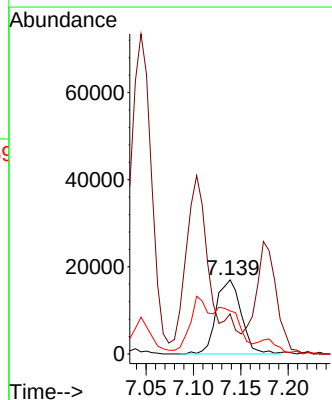
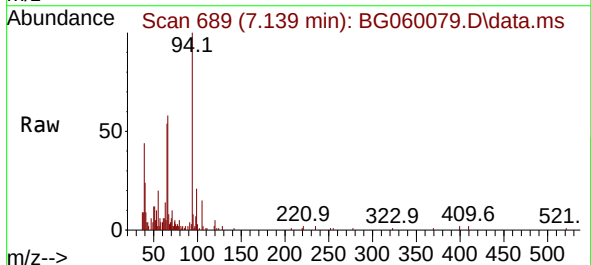
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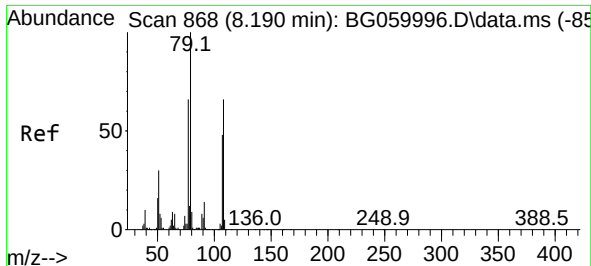
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#10
Phenol
Concen: 5.870 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Tgt Ion: 94 Resp: 31338
Ion Ratio Lower Upper
94 100
65 54.0 15.5 55.5
66 58.0 31.6 71.6





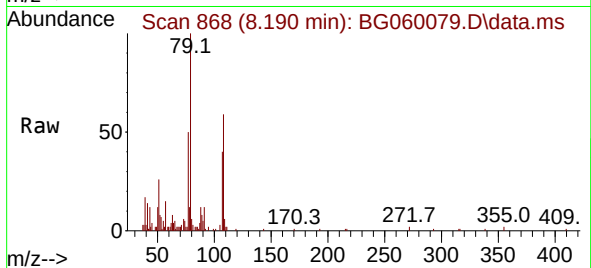
#15
Benzyl Alcohol
Concen: 6.517 ng
RT: 8.190 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-6A



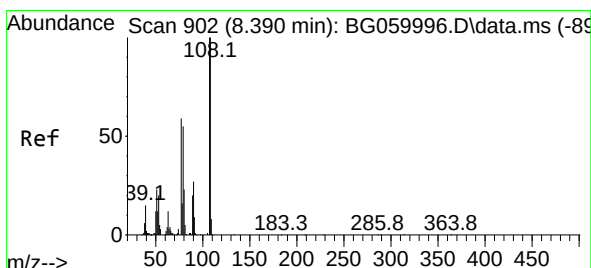
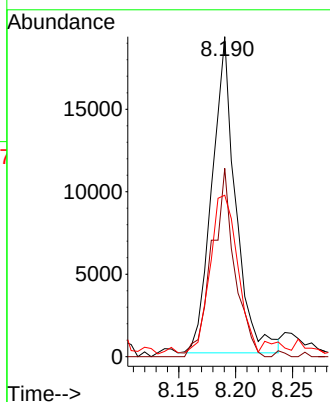
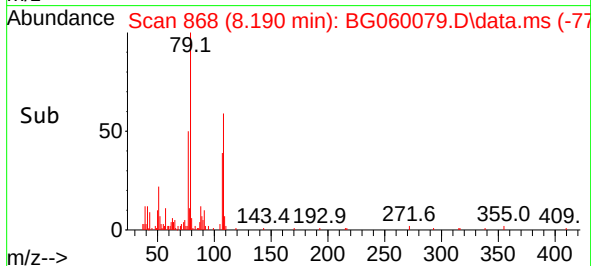
Tgt Ion: 79 Resp: 27830
Ion Ratio Lower Upper
79 100
108 58.8 53.1 79.7
77 50.5 52.8 79.2

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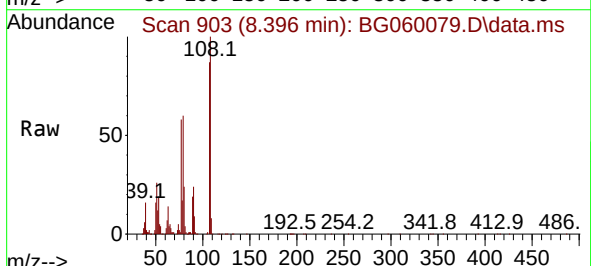
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Reviewed By :Yogesh Patel 12/20/2023

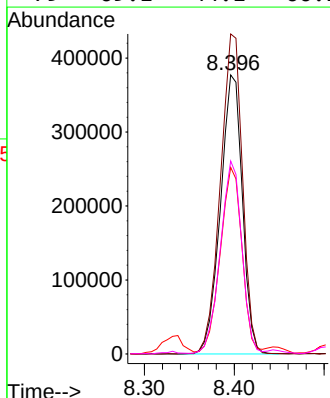
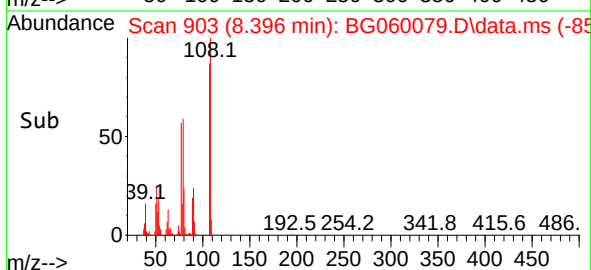
Supervised By :mohammad ahmed 12/20/2023

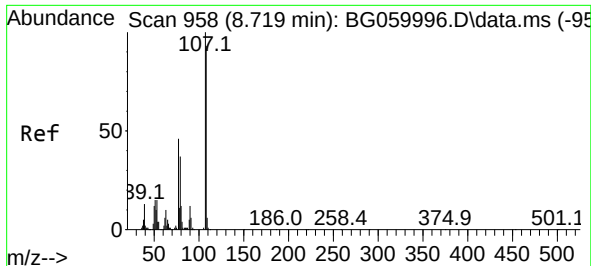


#17
2-Methylphenol
Concen: 179.191 ng
RT: 8.396 min Scan# 903
Delta R.T. 0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38



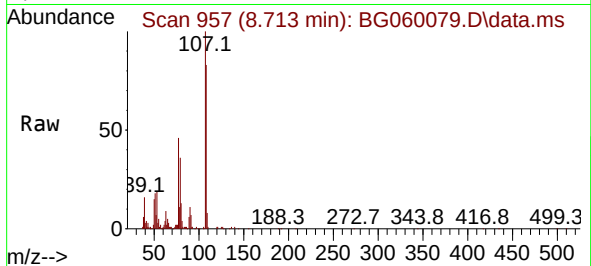
Tgt Ion:107 Resp: 637805
Ion Ratio Lower Upper
107 100
108 114.7 80.7 121.1
77 66.9 47.8 71.6
79 69.1 44.1 66.1





#20
3+4-Methylphenols
Concen: 21.496 ng
RT: 8.713 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

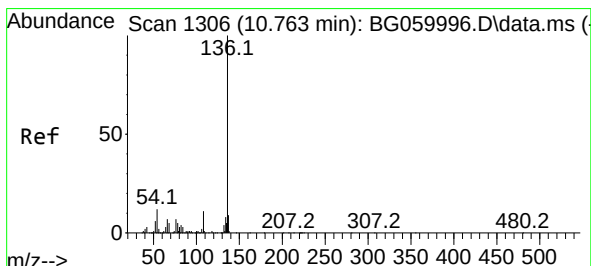
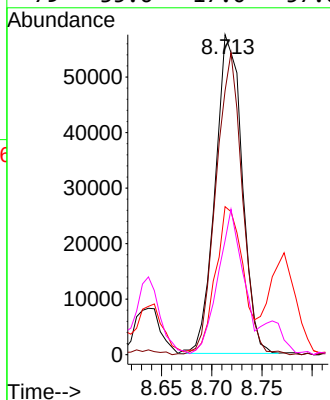
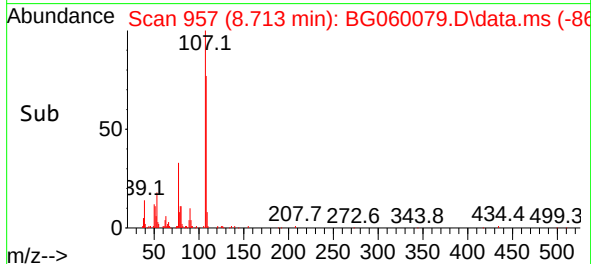
Instrument :
BNA_G
ClientSampleId :
MW-6A



Tgt Ion:107 Resp: 106870
Ion Ratio Lower Upper
107 100
108 82.5 72.8 112.8
77 46.3 25.6 65.6
79 35.6 17.0 57.0

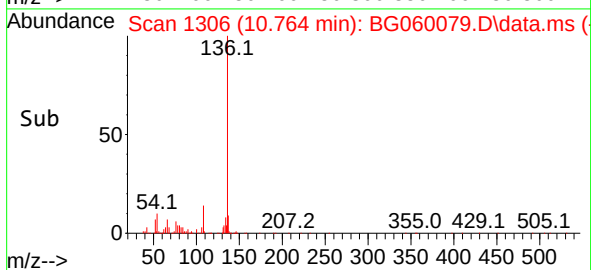
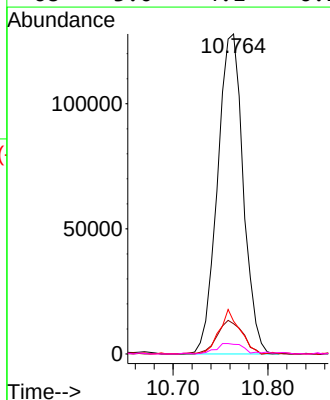
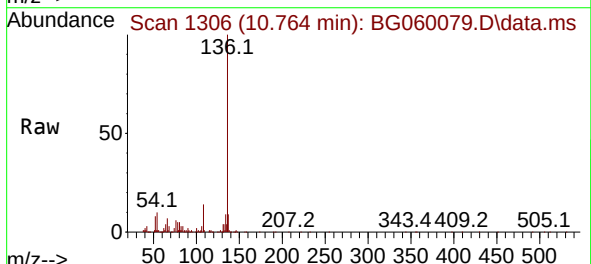
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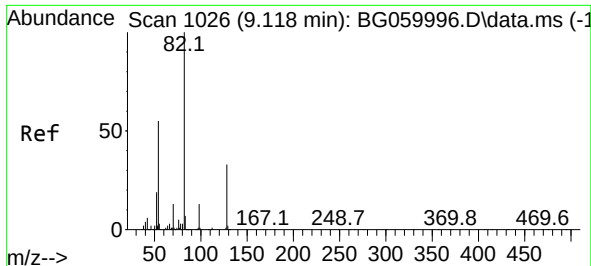
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Supervised By :mohammad ahmed 12/20/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1306
Delta R.T. 0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

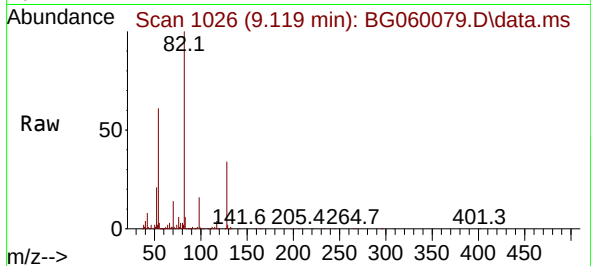
Tgt Ion:136 Resp: 240850
Ion Ratio Lower Upper
136 100
137 9.4 7.3 10.9
54 10.3 9.6 14.4
68 3.0 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 91.056 ng
RT: 9.119 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

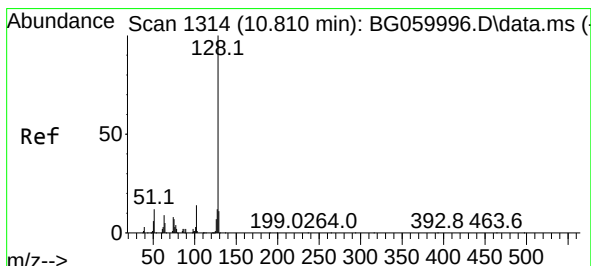
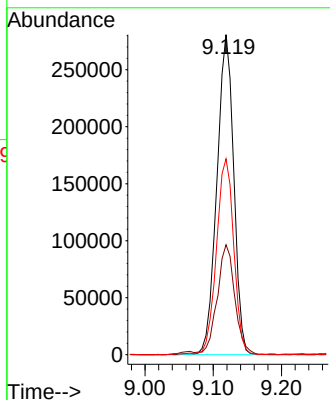
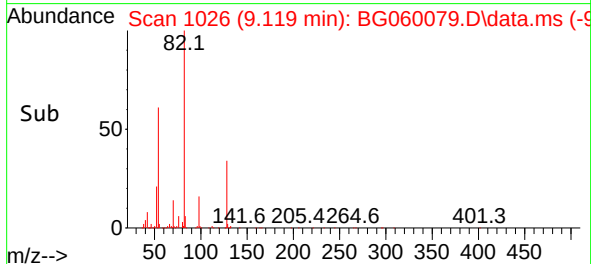
Instrument :
BNA_G
ClientSampleId :
MW-6A



Tgt Ion: 82 Resp: 482969
Ion Ratio Lower Upper
82 100
128 34.4 26.3 39.5
54 61.2 44.3 66.5

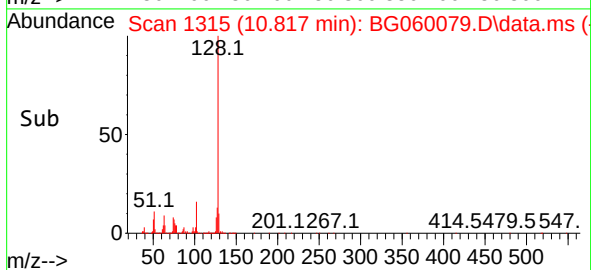
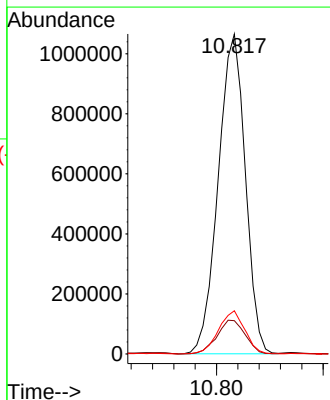
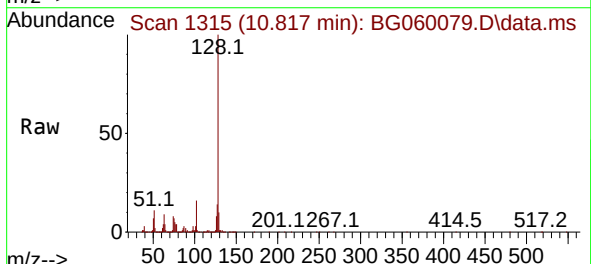
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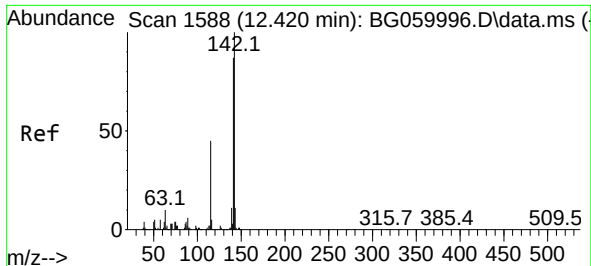
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#31
Naphthalene
Concen: 149.683 ng
RT: 10.817 min Scan# 1315
Delta R.T. 0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Tgt Ion:128 Resp: 1876750
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 13.5 9.7 14.5





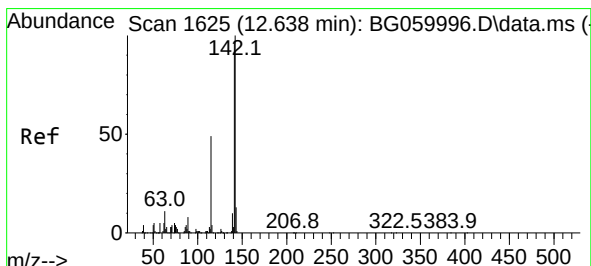
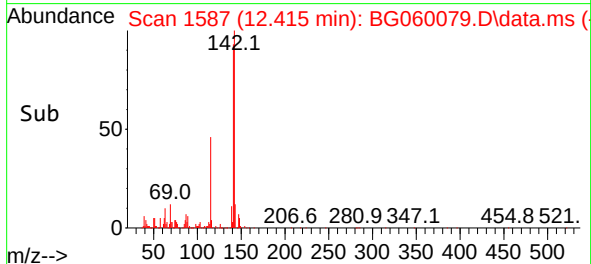
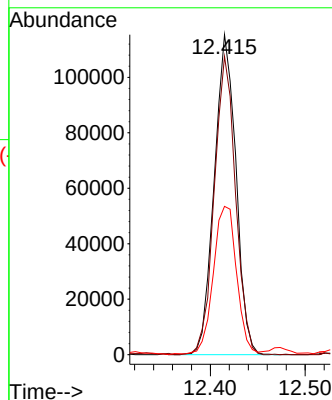
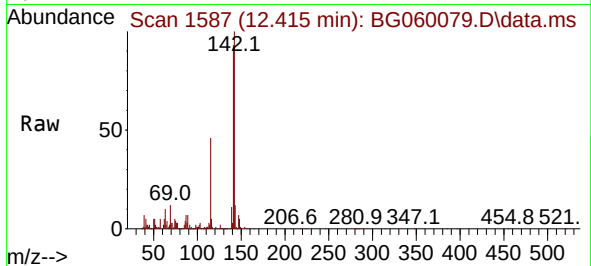
#37
2-Methylnaphthalene
Concen: 18.628 ng
RT: 12.415 min Scan# 1587
Delta R.T. -0.009 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

Instrument :
BNA_G
ClientSampleId :
MW-6A

Tgt Ion:142 Resp: 18318
Ion Ratio Lower Upper
142 100
141 93.2 69.9 104.9
115 46.4 36.1 54.1

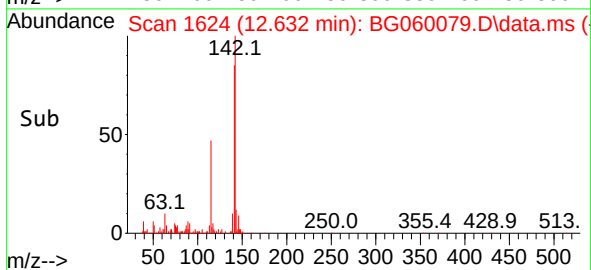
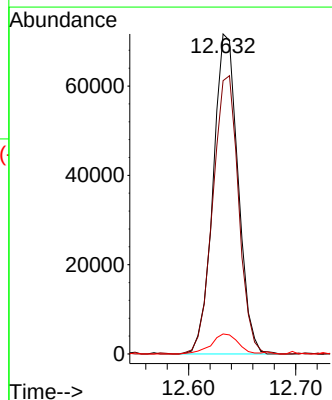
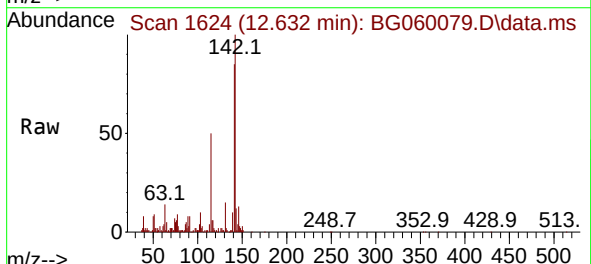
Manual Integrations
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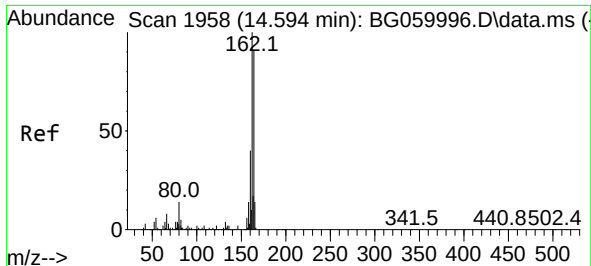
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#38
1-Methylnaphthalene
Concen: 11.922 ng m
RT: 12.632 min Scan# 1624
Delta R.T. -0.009 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

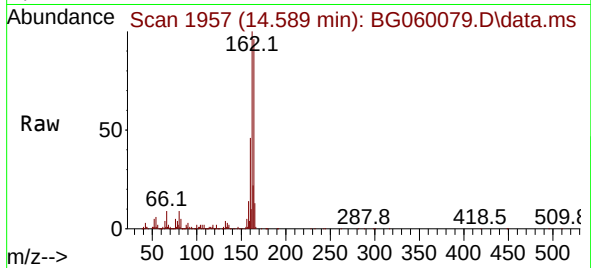
Tgt Ion:142 Resp: 115808
Ion Ratio Lower Upper
142 100
141 85.4 76.9 115.3
116 6.2 3.5 5.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

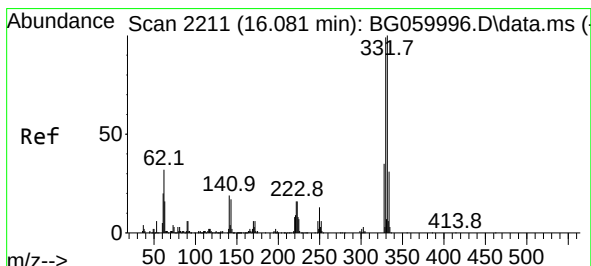
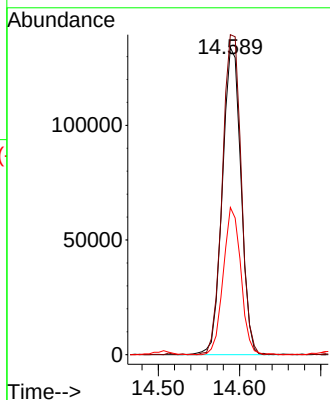
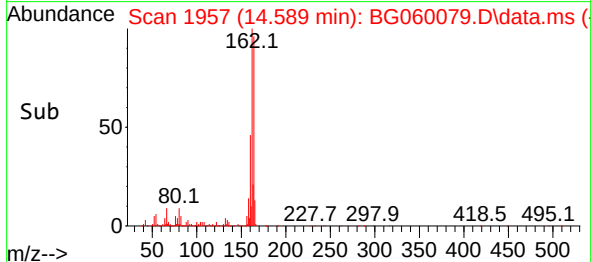
Instrument :
BNA_G
ClientSampleId :
MW-6A



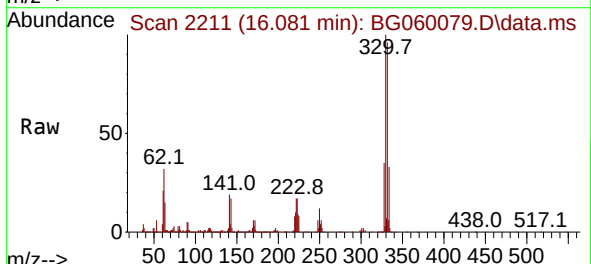
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Ion Ratio Lower Upper
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162 104.2 88.1 132.1
160 47.9 35.4 53.0

Manual Integrations
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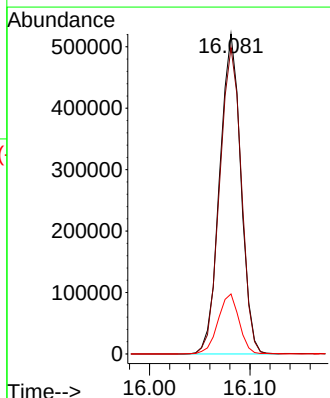
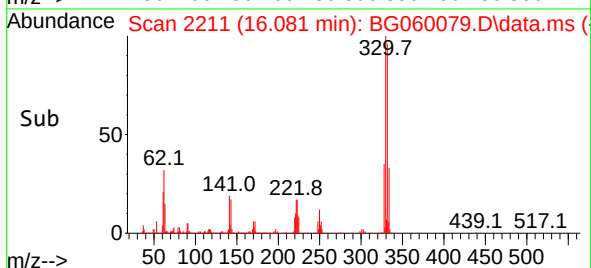
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

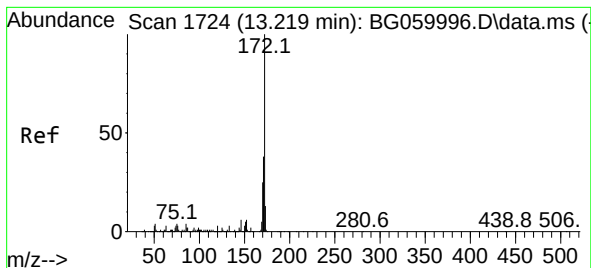


#42
2,4,6-Tribromophenol
Concen: 152.815 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38



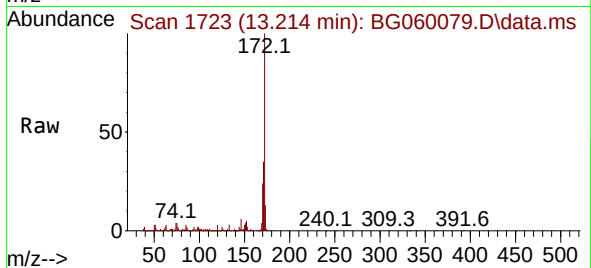
Tgt Ion:330 Resp: 760381
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 18.8 14.3 21.5





#45
2-Fluorobiphenyl
Concen: 90.567 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

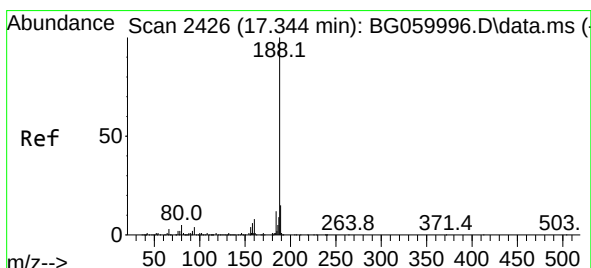
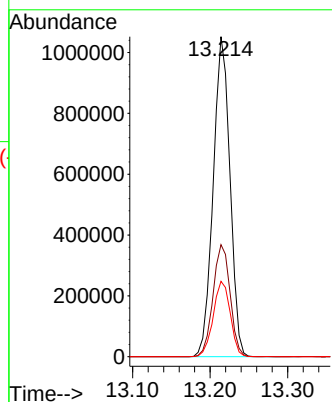
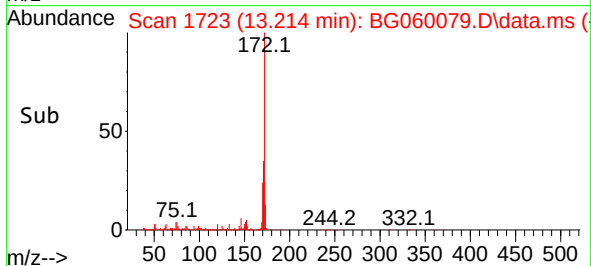
Instrument :
BNA_G
ClientSampleId :
MW-6A



Tgt Ion:172 Resp: 157996
Ion Ratio Lower Upper
172 100
171 35.0 30.1 45.1
170 23.5 20.0 30.0

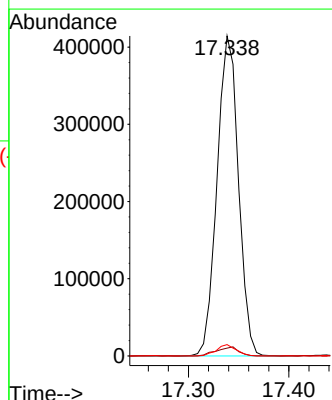
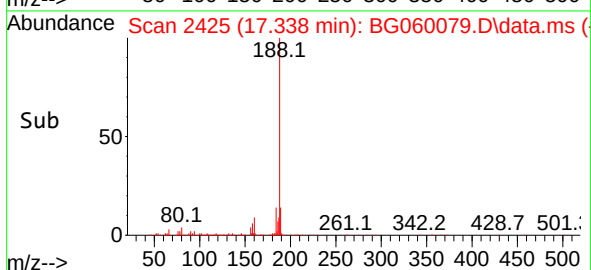
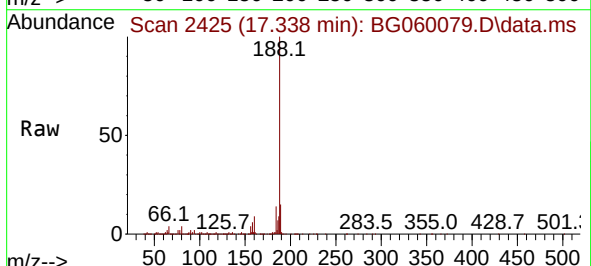
Manual Integrations
APPROVED

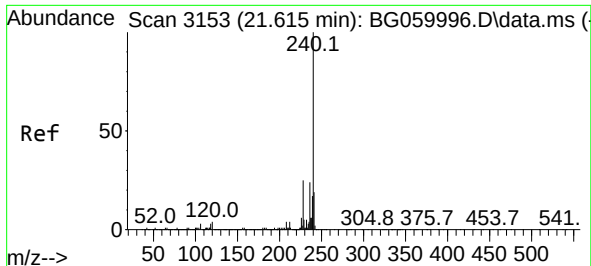
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

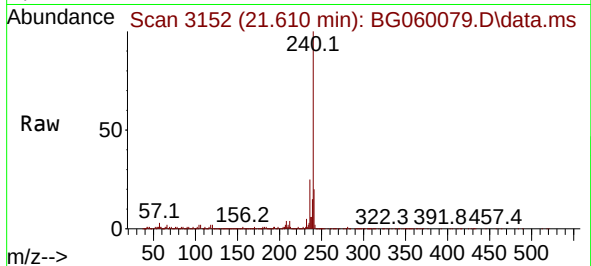
Tgt Ion:188 Resp: 612473
Ion Ratio Lower Upper
188 100
94 2.5 3.0 4.6#
80 3.6 4.0 6.0#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38

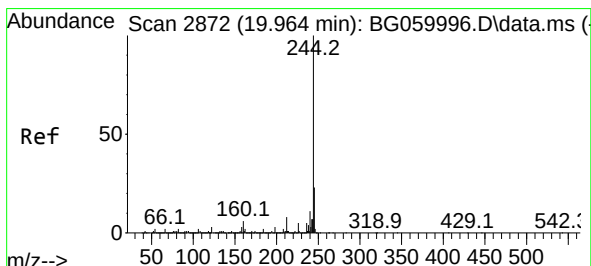
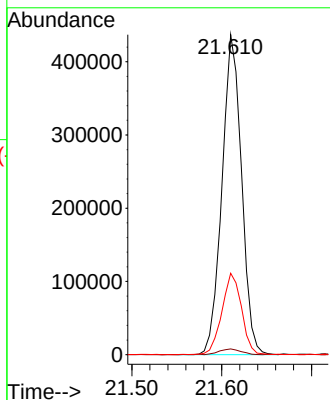
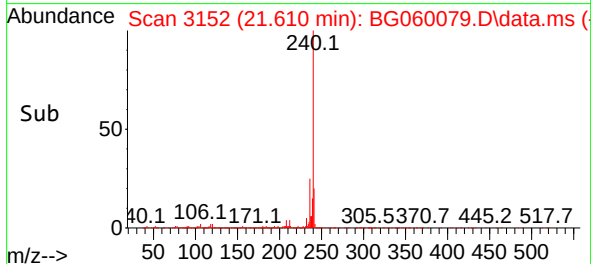
Instrument :
BNA_G
ClientSampleId :
MW-6A



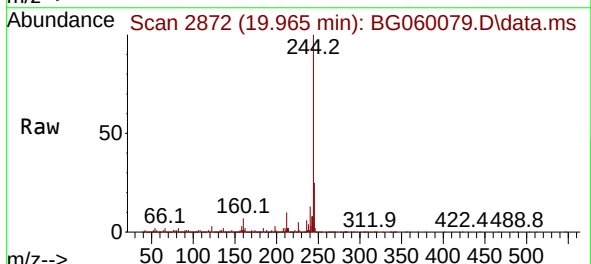
Tgt Ion:240 Resp: 660418
Ion Ratio Lower Upper
240 100
120 1.8 2.9 4.3
236 25.4 19.4 29.2

Manual Integrations
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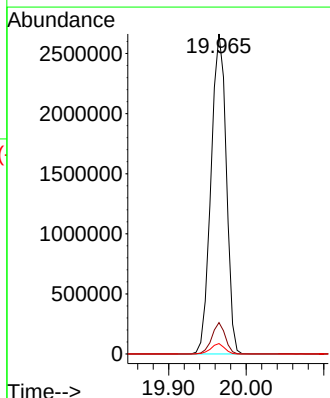
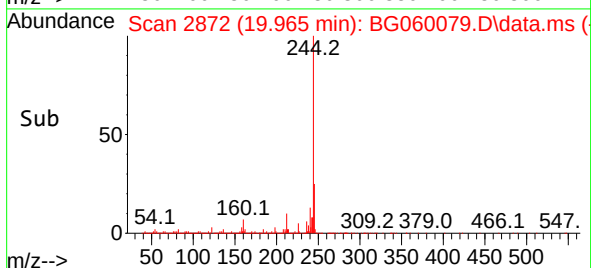
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

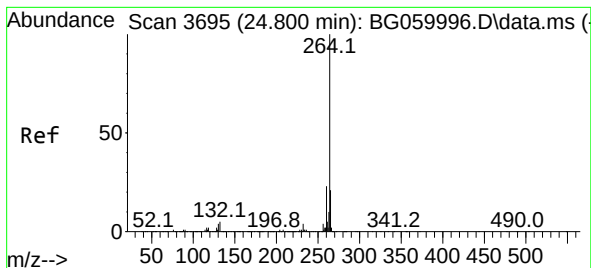


#79
Terphenyl-d14
Concen: 100.906 ng
RT: 19.965 min Scan# 2872
Delta R.T. -0.003 min
Lab File: BG060079.D
Acq: 18 Dec 2023 23:38



Tgt Ion:244 Resp: 3650079
Ion Ratio Lower Upper
244 100
212 9.8 6.8 10.2
122 3.2 2.6 3.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.800 min Scan# 30

Delta R.T. -0.015 min

Lab File: BG060079.D

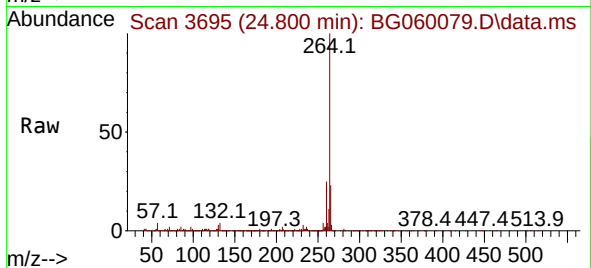
Acq: 18 Dec 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-6A



Tgt Ion:264 Resp: 728664

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 22.8 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

