

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060075.D
 Acq On : 18 Dec 2023 20:56
 Operator : MA/JU
 Sample : 05612-01DL2 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06IDL2

Quant Time: Dec 19 04:41:55 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	66215	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	253582	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	228623	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	669529	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	695220	20.000	ng	# 0.00
86) Perylene-d12	24.807	264	778224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	3487	0.901	ng	0.00
7) Phenol-d6	7.110	99	2861	0.526	ng	0.00
23) Nitrobenzene-d5	9.113	82	7219	1.293	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	8941	1.678	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	24171	1.294	ng	0.00
79) Terphenyl-d14	19.960	244	56971	1.496	ng	0.00
Target Compounds						
31) Naphthalene	10.811	128	1361797	103.159	ng	Qvalue 98
37) 2-Methylnaphthalene	12.415	142	106825	10.318	ng	88
38) 1-Methylnaphthalene	12.633	142	71925m	7.033	ng	
52) Acenaphthene	14.654	154	33343	2.412	ng	97

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

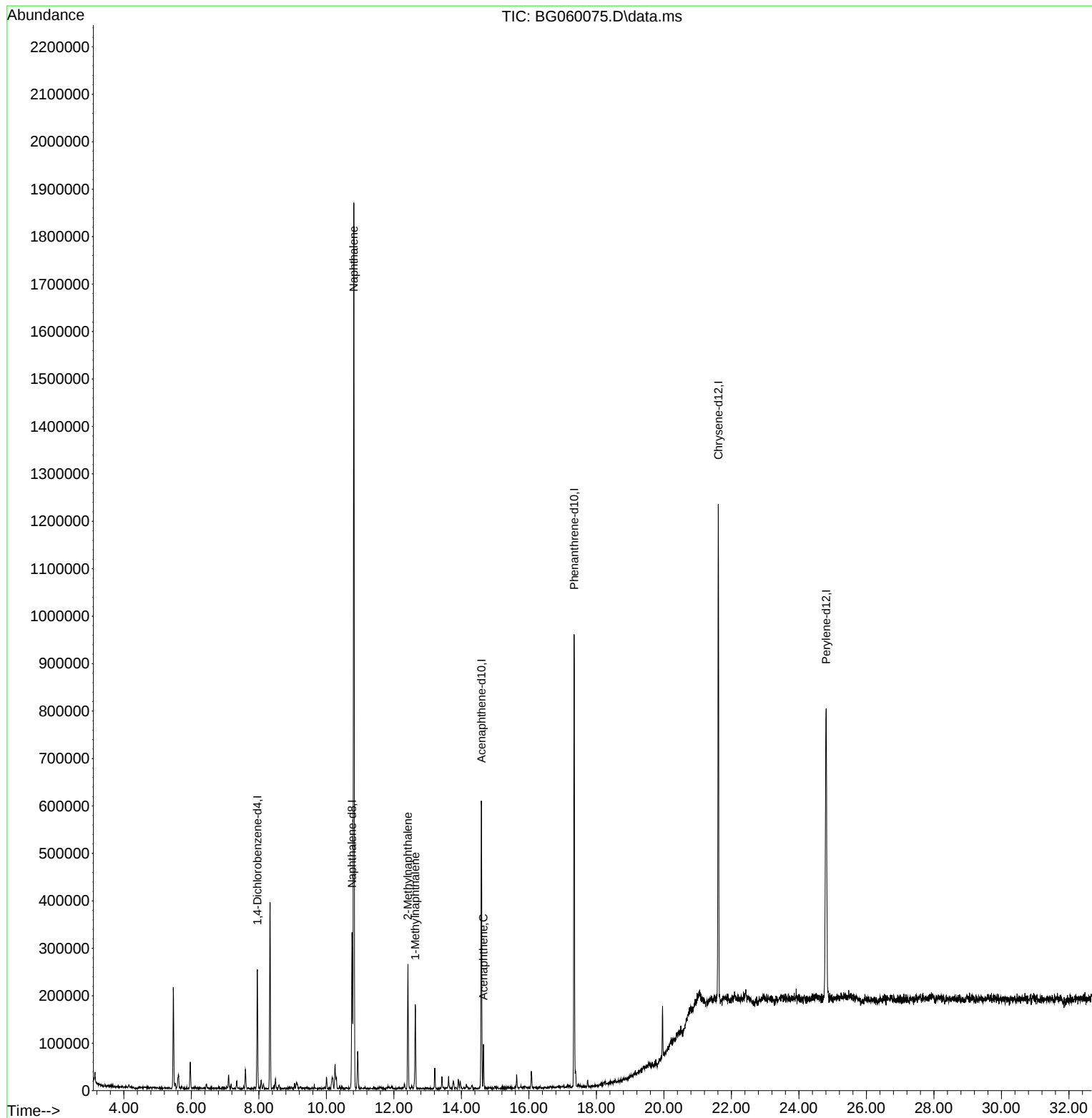
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060075.D
Acq On : 18 Dec 2023 20:56
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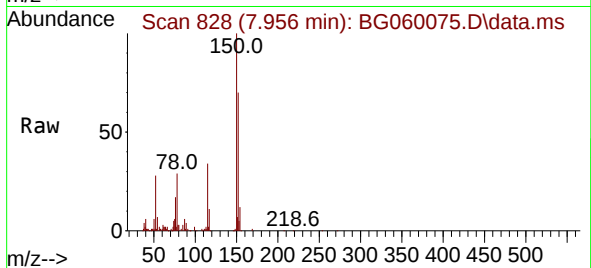
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

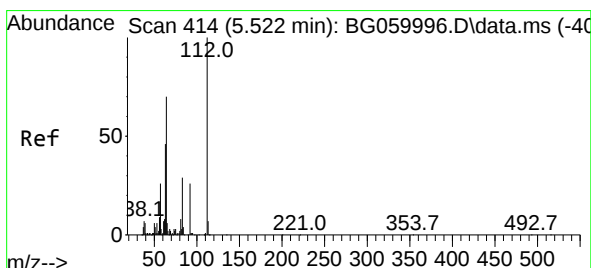
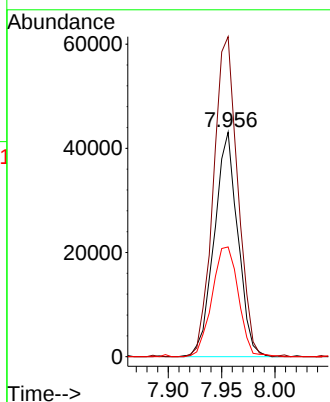
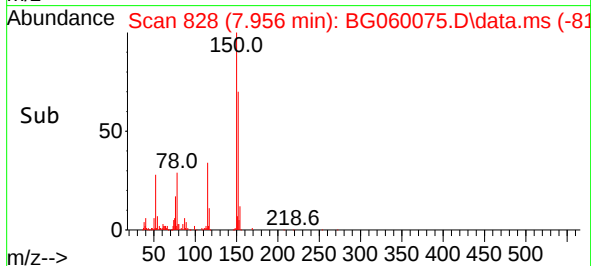
Instrument :
BNA_G
ClientSampleId :
MW-06IDL2



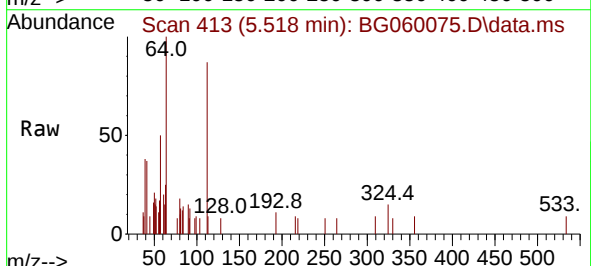
Tgt Ion:152 Resp: 66215
Ion Ratio Lower Upper
152 100
150 142.6 127.0 190.6
115 48.9 45.7 68.5

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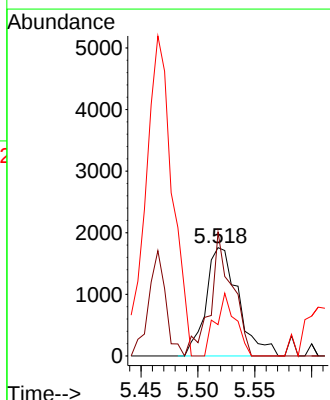
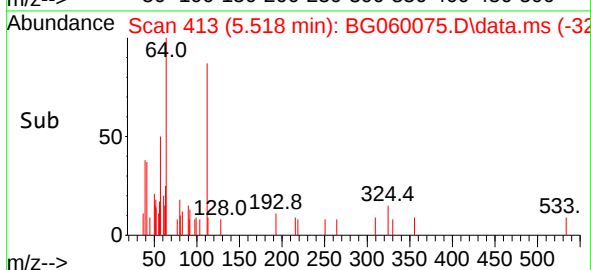
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

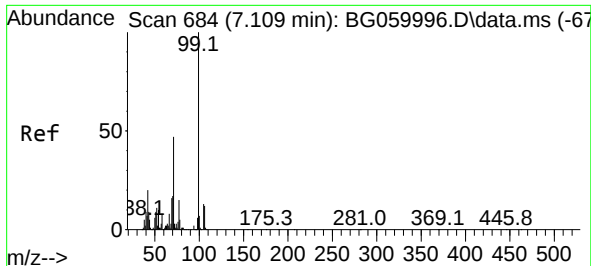


#5
2-Fluorophenol
Concen: 0.901 ng
RT: 5.518 min Scan# 413
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56



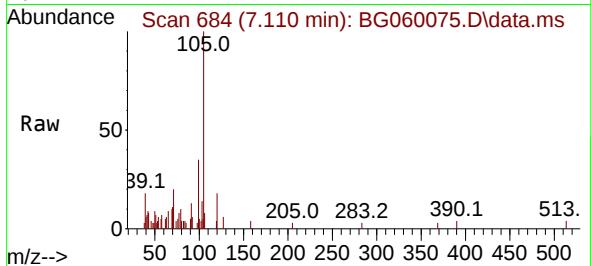
Tgt Ion:112 Resp: 3487
Ion Ratio Lower Upper
112 100
64 114.3 55.9 83.9#
63 28.9 36.5 54.7#





#7
Phenol-d6
Concen: 0.526 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

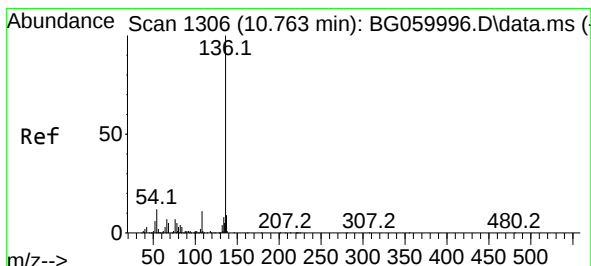
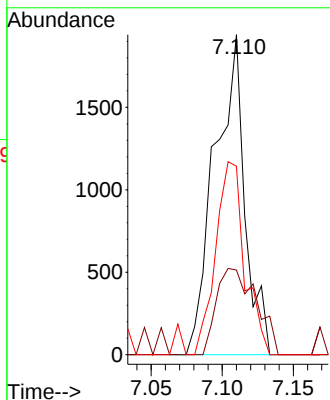
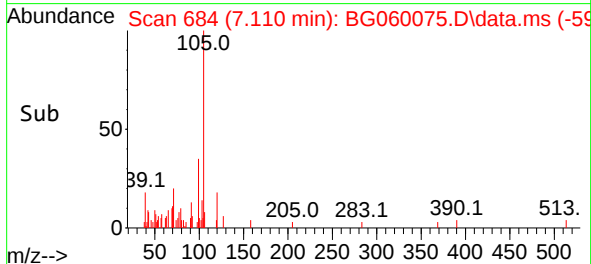
Instrument :
BNA_G
ClientSampleId :
MW-06IDL2



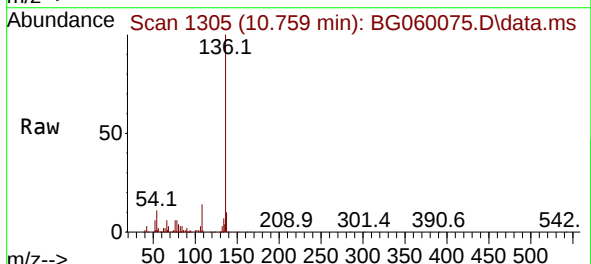
Tgt Ion: 99 Resp: 286
Ion Ratio Lower Upper
99 100
42 26.5 16.2 24.4
71 58.9 37.6 56.4

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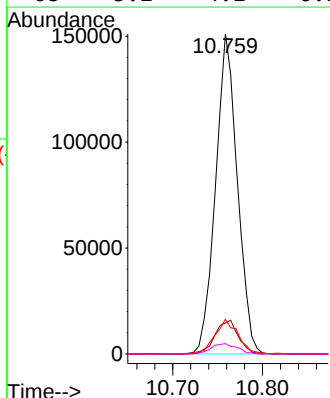
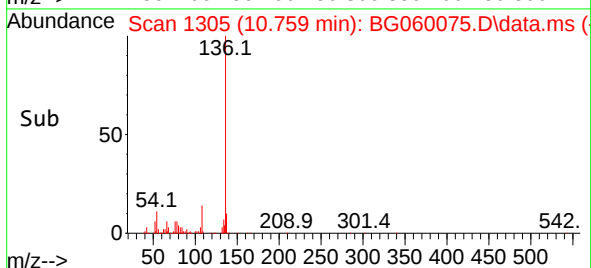
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

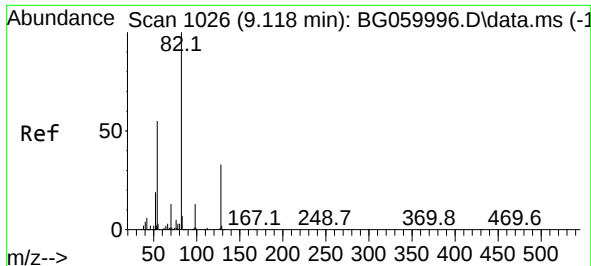


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56



Tgt Ion:136 Resp: 253582
Ion Ratio Lower Upper
136 100
137 9.7 7.3 10.9
54 10.8 9.6 14.4
68 3.2 4.1 6.1





#23
Nitrobenzene-d5
Concen: 1.293 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :

BNA_G

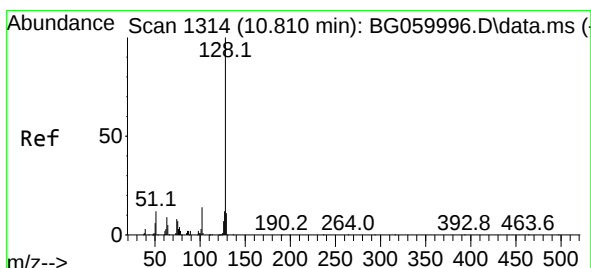
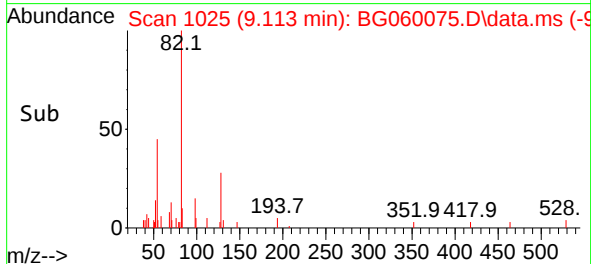
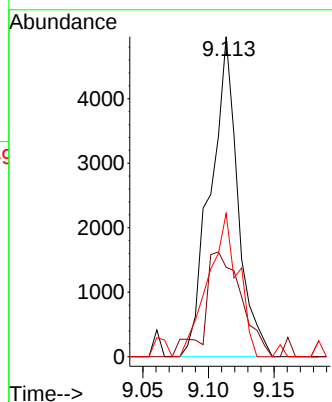
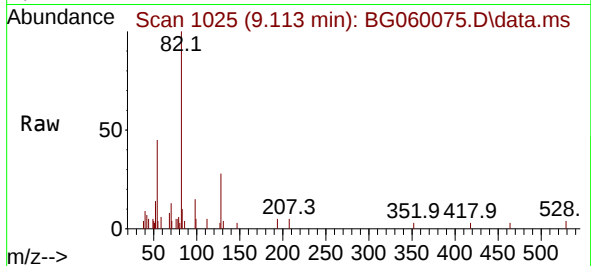
ClientSampleId :

MW-06IDL2

Tgt Ion: 82 Resp: 7219
Ion Ratio Lower Upper
82 100
128 27.9 26.3 39.5
54 44.8 44.3 66.5

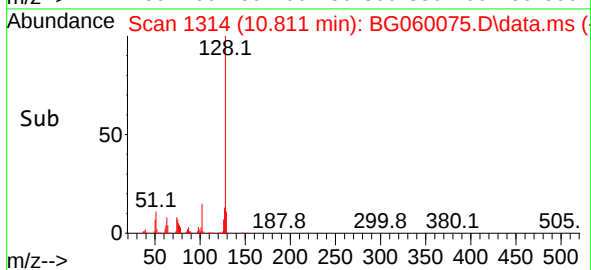
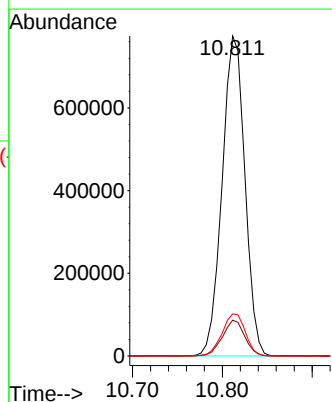
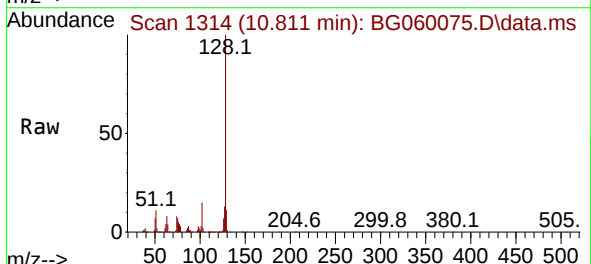
Manual Integrations
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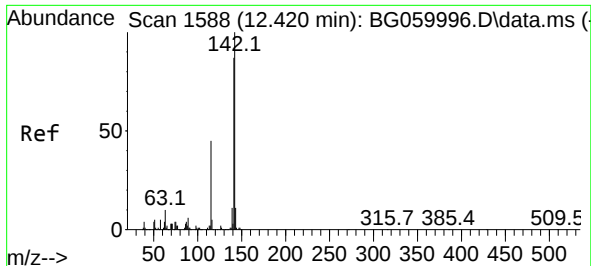
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#31
Naphthalene
Concen: 103.159 ng
RT: 10.811 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:128 Resp: 1361797
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 9.7 14.5





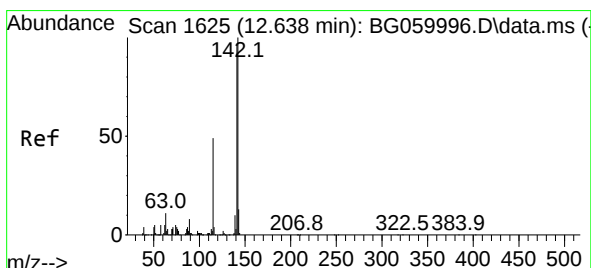
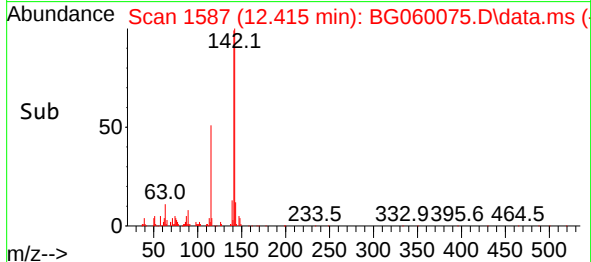
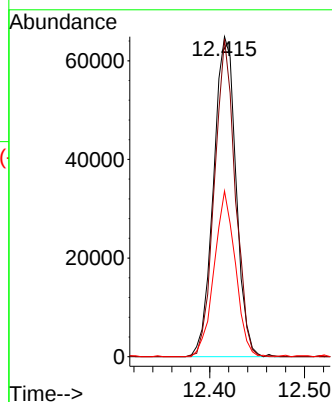
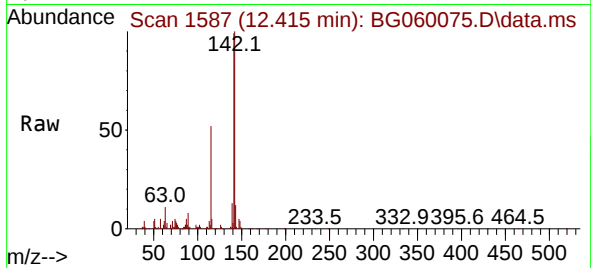
#37
2-Methylnaphthalene
Concen: 10.318 ng
RT: 12.415 min Scan# 1587
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:142 Resp: 106825
Ion Ratio Lower Upper
142 100
141 99.3 69.9 104.9
115 51.8 36.1 54.1

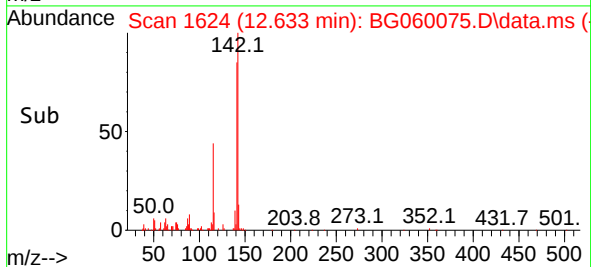
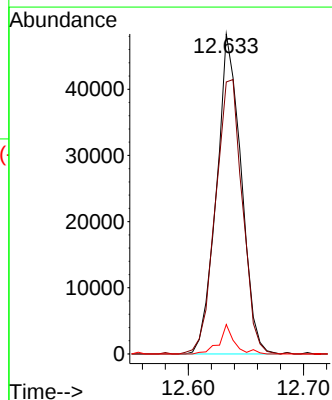
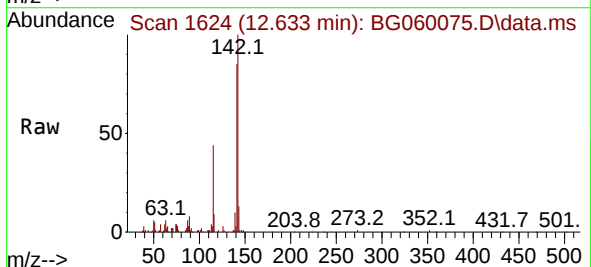
Manual Integrations
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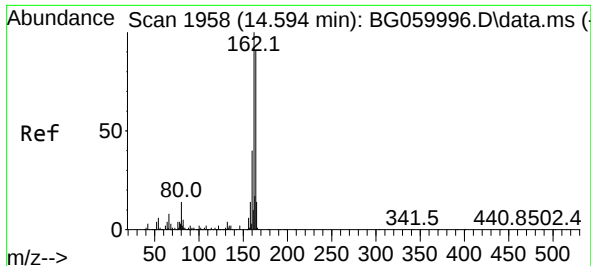
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#38
1-Methylnaphthalene
Concen: 7.033 ng m
RT: 12.633 min Scan# 1624
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:142 Resp: 71925
Ion Ratio Lower Upper
142 100
141 85.0 76.9 115.3
116 9.2 3.5 5.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :

BNA_G

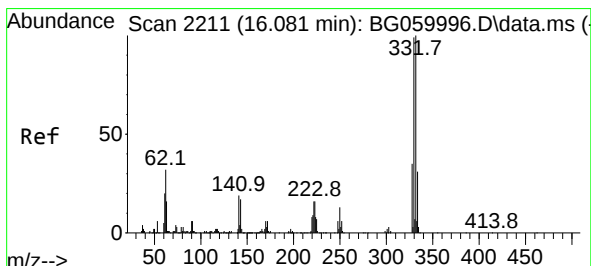
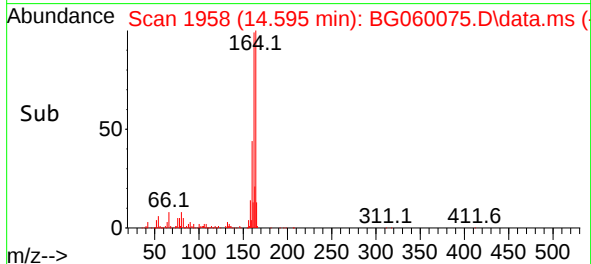
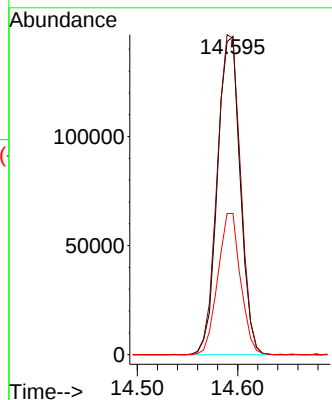
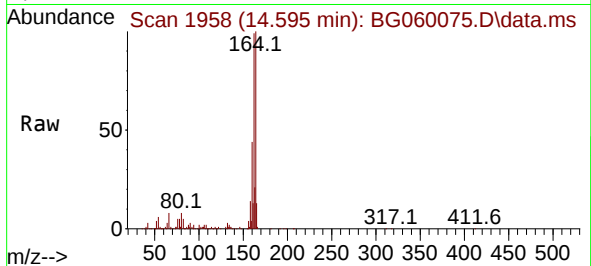
ClientSampleId :

MW-06IDL2

Tgt Ion:164 Resp: 22862
Ion Ratio Lower Upper
164 100
162 99.4 88.1 132.1
160 44.4 35.4 53.0

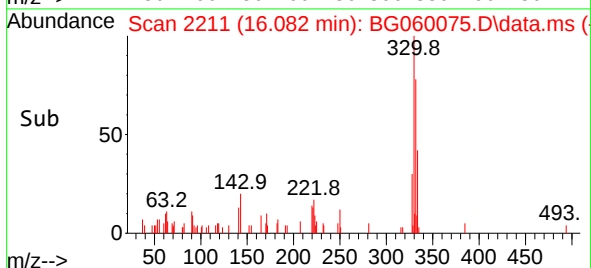
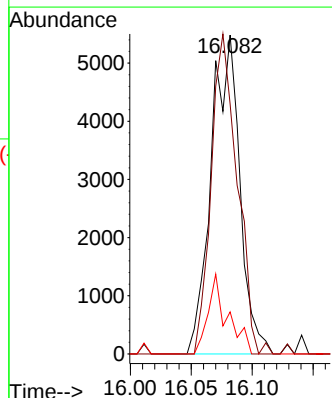
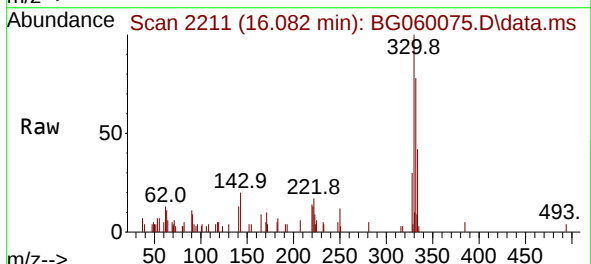
Manual Integrations
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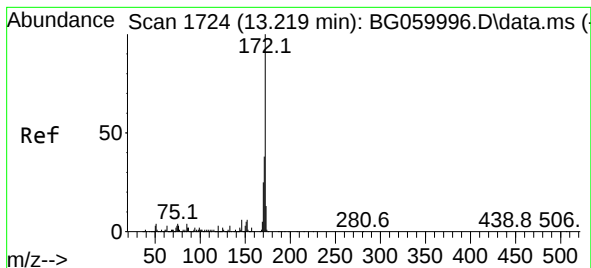
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#42
2,4,6-Tribromophenol
Concen: 1.678 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:330 Resp: 8941
Ion Ratio Lower Upper
330 100
332 91.2 76.2 114.4
141 17.0 14.3 21.5





#45
2-Fluorobiphenyl
Concen: 1.294 ng
RT: 13.209 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :

BNA_G

ClientSampleId :

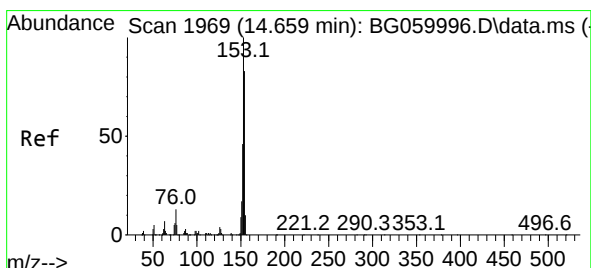
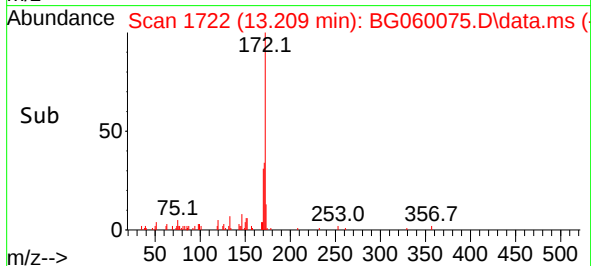
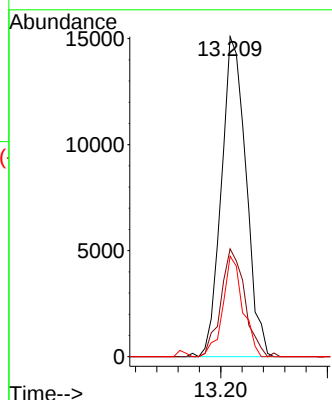
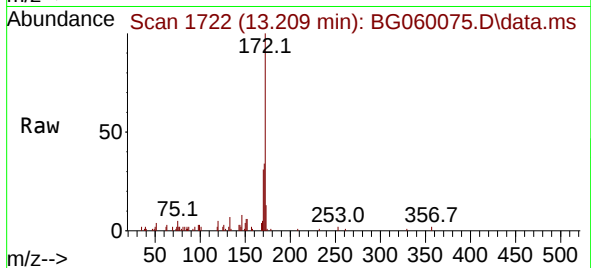
MW-06IDL2

Tgt Ion:172 Resp: 2417
Ion Ratio Lower Upper
172 100
171 33.7 30.1 45.1
170 31.4 20.0 30.0

Manual Integrations

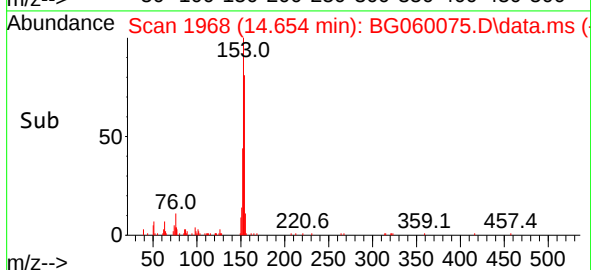
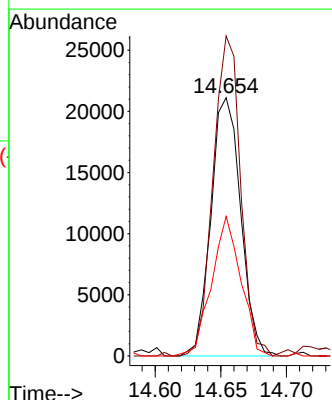
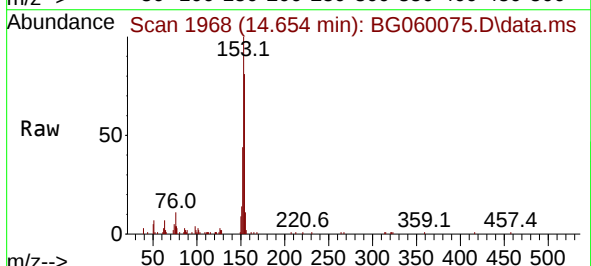
APPROVED

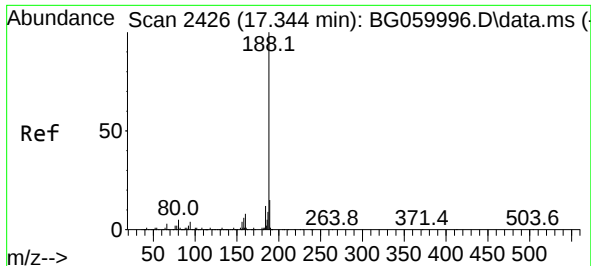
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#52
Acenaphthene
Concen: 2.412 ng
RT: 14.654 min Scan# 1968
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

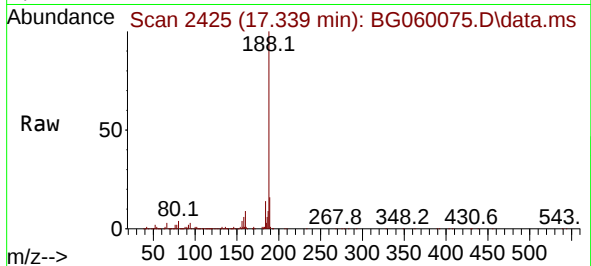
Tgt Ion:154 Resp: 33343
Ion Ratio Lower Upper
154 100
153 123.9 96.0 144.0
152 54.0 44.3 66.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

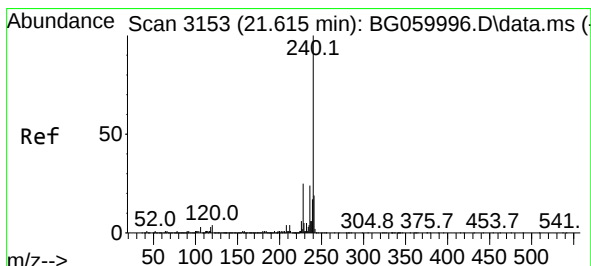
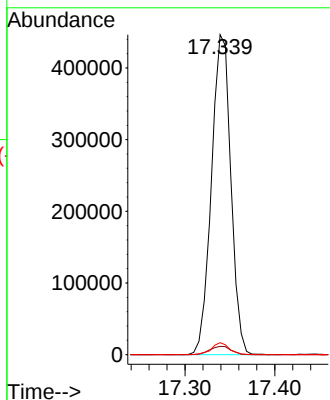
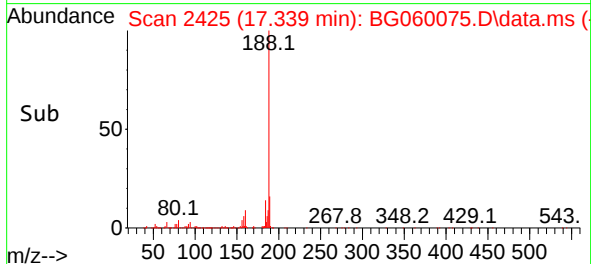
Instrument :
BNA_G
ClientSampleId :
MW-06IDL2



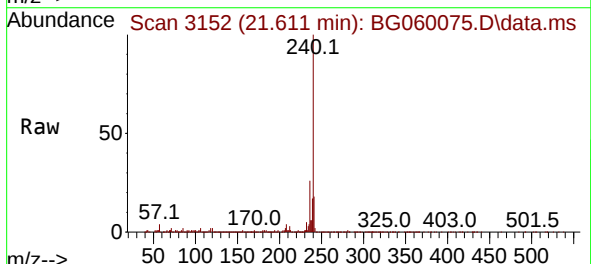
Tgt Ion:188 Resp: 669529
Ion Ratio Lower Upper
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94 2.6 3.0 4.6
80 3.8 4.0 6.0

Manual Integrations
APPROVED

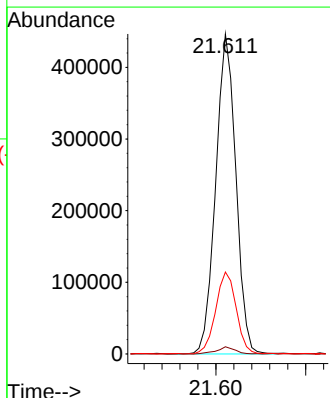
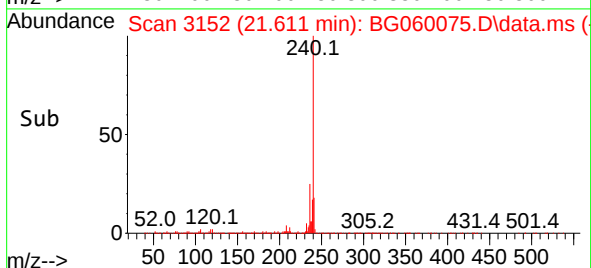
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

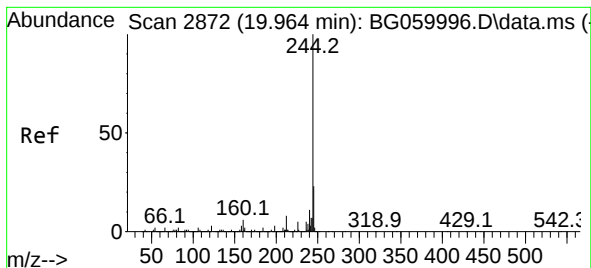


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.611 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56



Tgt Ion:240 Resp: 695220
Ion Ratio Lower Upper
240 100
120 2.2 2.9 4.3
236 25.6 19.4 29.2





#79

Terphenyl-d14

Concen: 1.496 ng

RT: 19.960 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060075.D

Acq: 18 Dec 2023 20:56

Instrument :

BNA_G

ClientSampleId :

MW-06IDL2

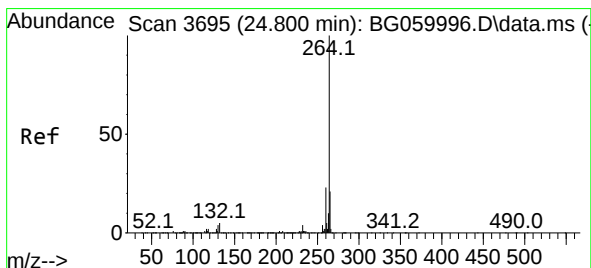
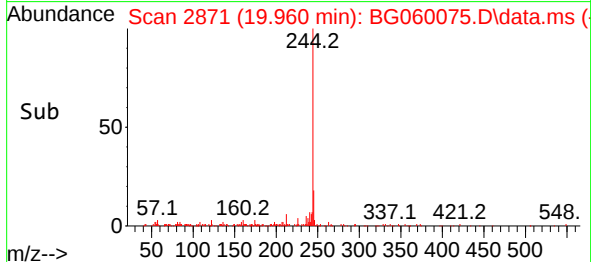
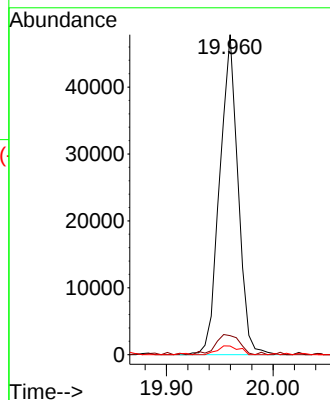
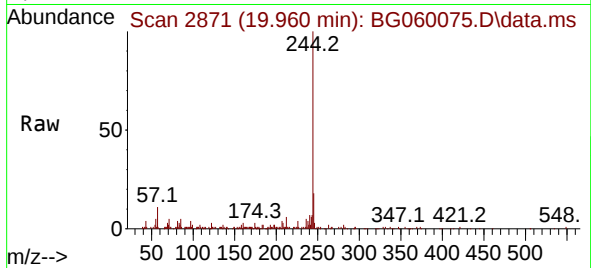
Tgt Ion:244	Resp: 5697
Ion Ratio	Lower Upper
244 100	
212 6.0	6.8 10.2
122 3.9	2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.807 min Scan# 3696

Delta R.T. -0.008 min

Lab File: BG060075.D

Acq: 18 Dec 2023 20:56

Tgt Ion:264	Resp: 778224
Ion Ratio	Lower Upper
264 100	
260 23.2	18.5 27.7
265 21.7	17.3 25.9

