

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060071.D
 Acq On : 18 Dec 2023 18:14
 Operator : MA/JU
 Sample : 05670-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 04:39:53 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	68463	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	260507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	221345	20.000	ng	# 0.00
64) Phenanthrene-d10	17.342	188	618221	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	650753	20.000	ng	# 0.00
86) Perylene-d12	24.810	264	749676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	205682	51.429	ng	0.00
7) Phenol-d6	7.113	99	178813	31.785	ng	0.00
23) Nitrobenzene-d5	9.122	82	497543	86.725	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	752950	145.967	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1555415	86.005	ng	0.00
79) Terphenyl-d14	19.968	244	3398402	95.343	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.814	128	584528	43.102	ng	# 94
37) 2-Methylnaphthalene	12.418	142	26591m	2.500	ng	
38) 1-Methylnaphthalene	12.636	142	319976	30.454	ng	95

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

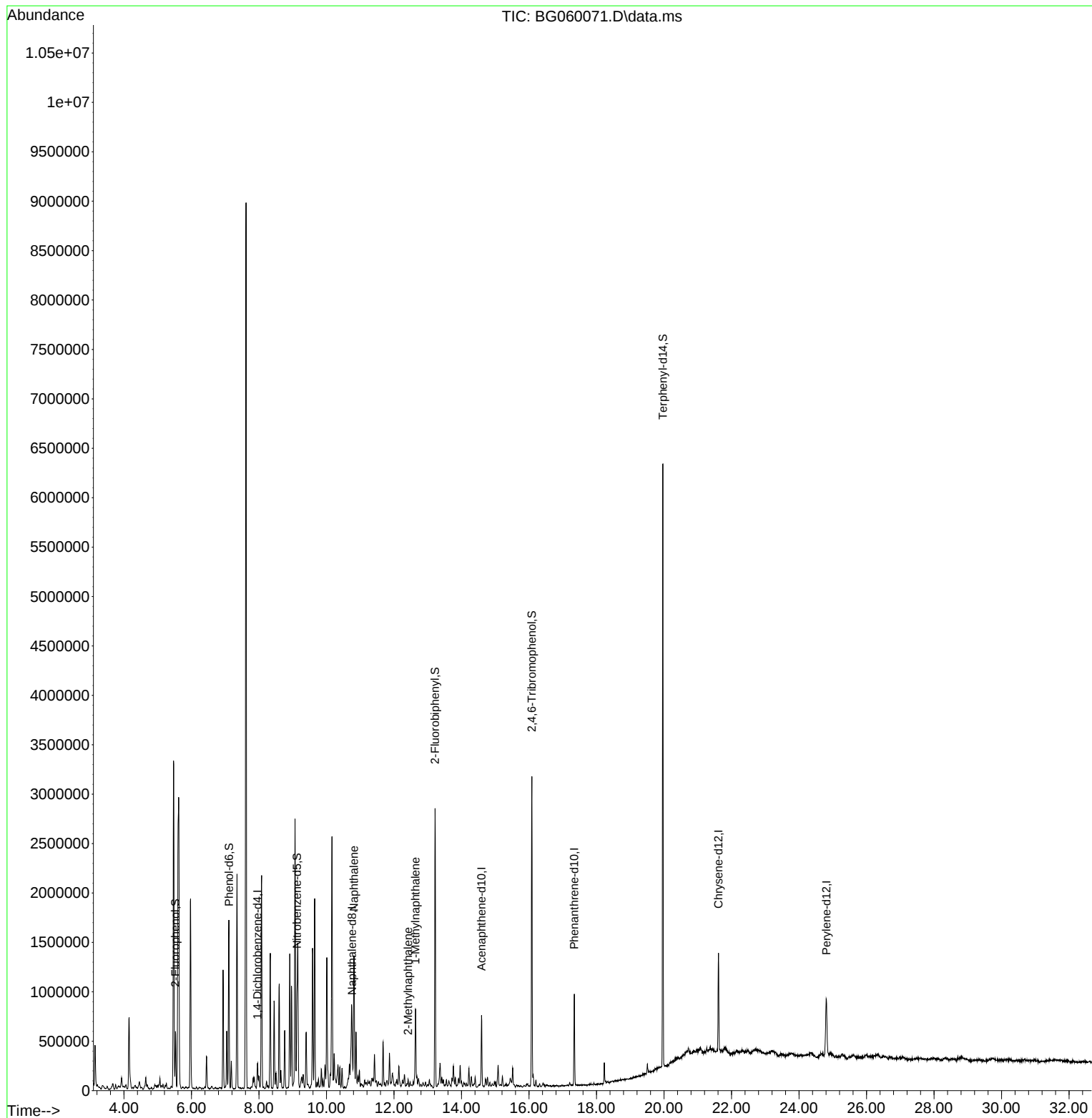
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
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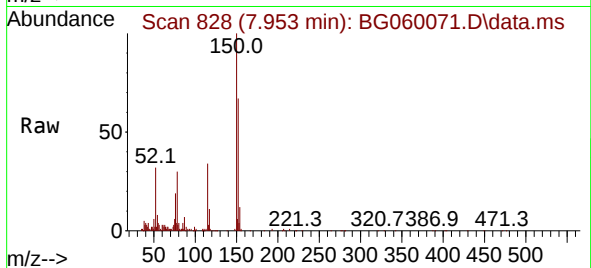
Quant Time: Dec 19 04:39:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

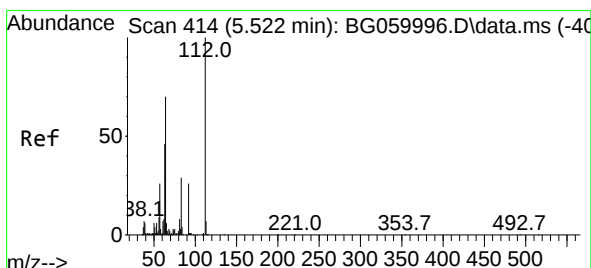
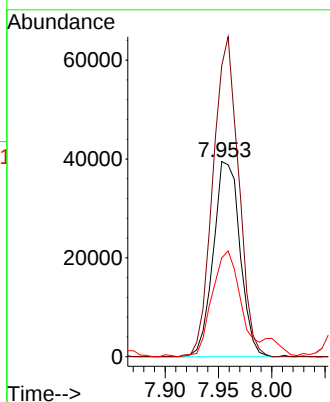
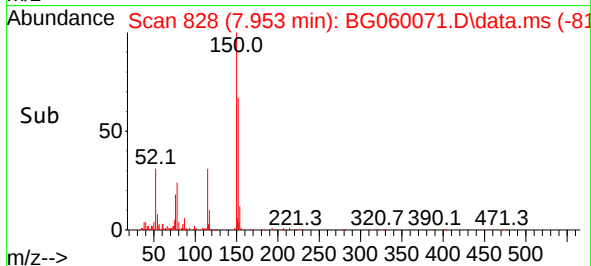
Instrument :
BNA_G
ClientSampleId :
MW-5B



Tgt Ion:152 Resp: 6846
Ion Ratio Lower Upper
152 100
150 149.0 127.0 190.6
115 50.6 45.7 68.5

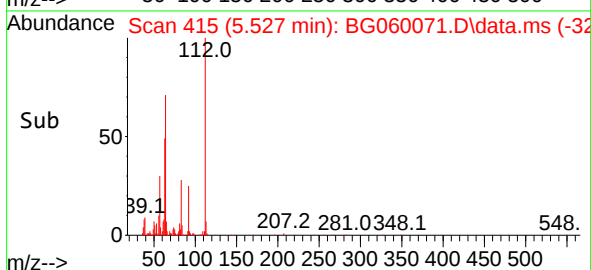
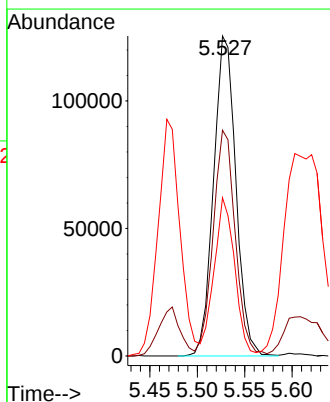
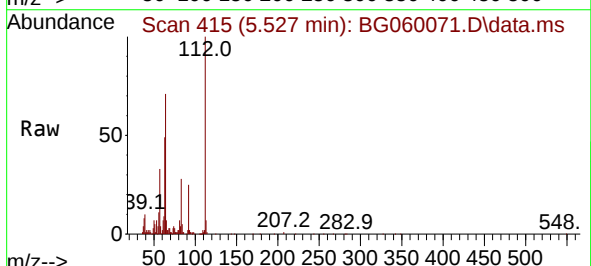
Manual Integrations
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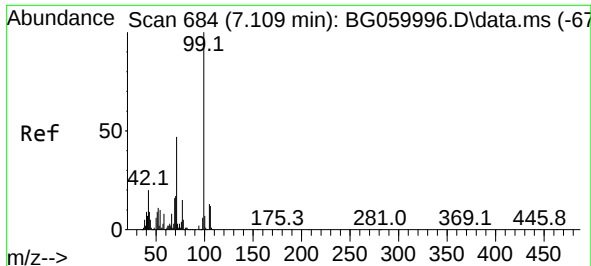
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#5
2-Fluorophenol
Concen: 51.429 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:112 Resp: 205682
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 49.4 36.5 54.7





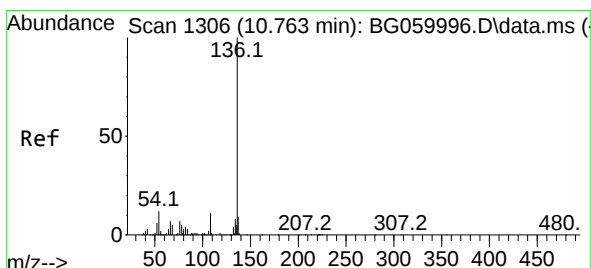
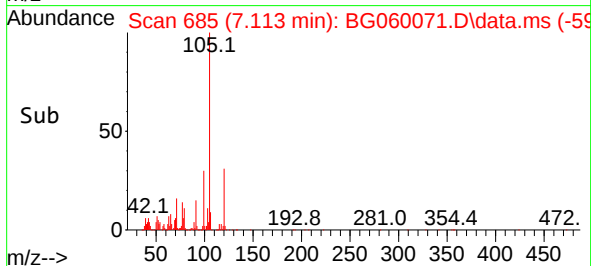
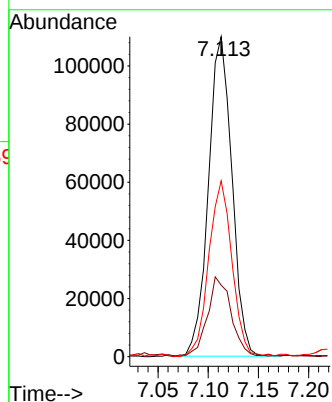
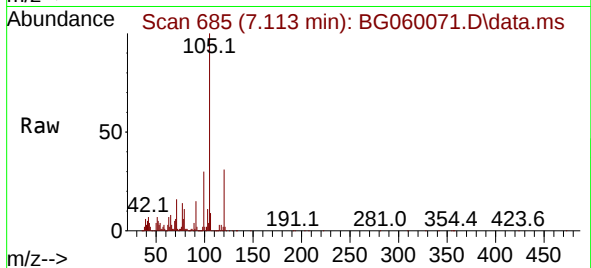
#7
Phenol-d6
Concen: 31.785 ng
RT: 7.113 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion: 99 Resp: 17881
Ion Ratio Lower Upper
99 100
42 22.4 16.2 24.4
71 54.9 37.6 56.4

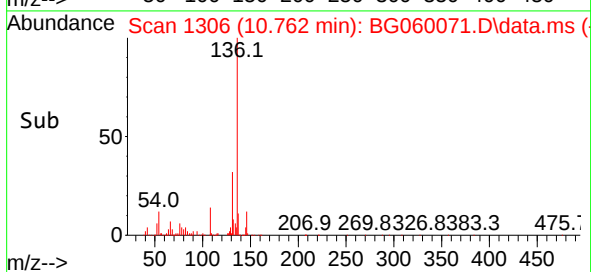
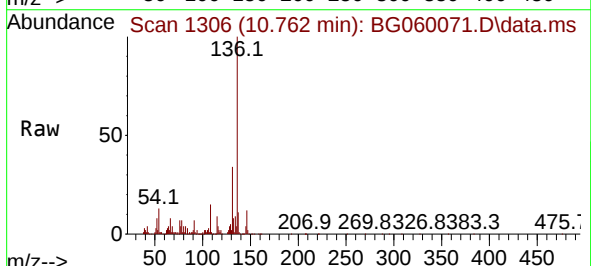
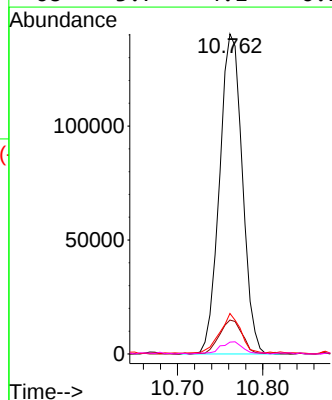
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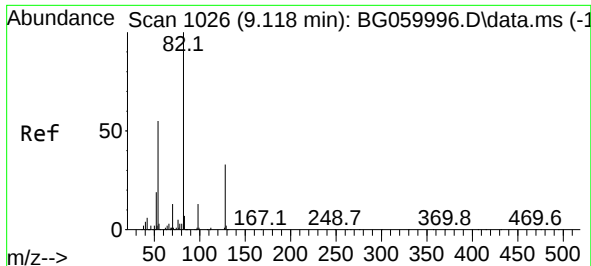
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:136 Resp: 260507
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 12.6 9.6 14.4
68 3.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 86.725 ng

RT: 9.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

Instrument :

BNA_G

ClientSampleId :

MW-5B

Tgt Ion: 82 Resp: 49754

Ion Ratio Lower Upper

82 100

128 32.6 26.3 39.5

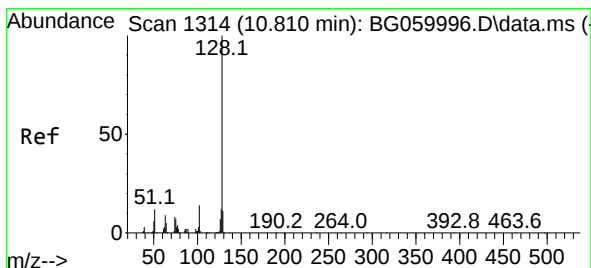
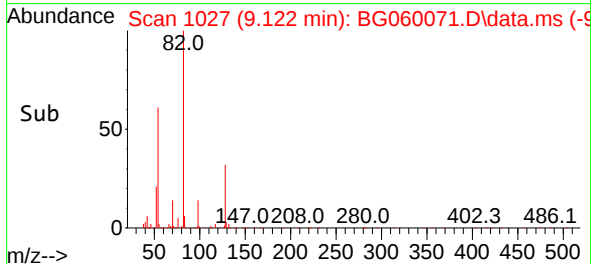
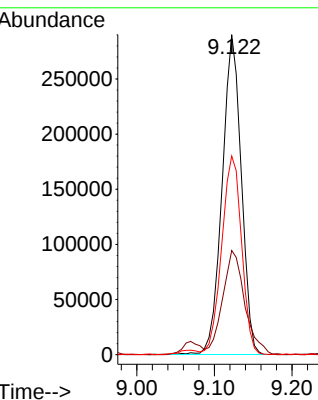
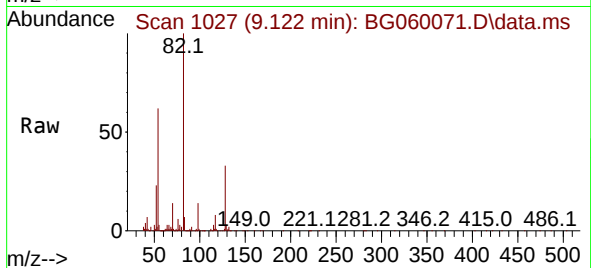
54 62.1 44.3 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#31

Naphthalene

Concen: 43.102 ng

RT: 10.814 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

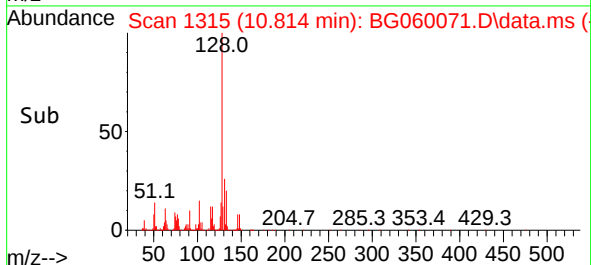
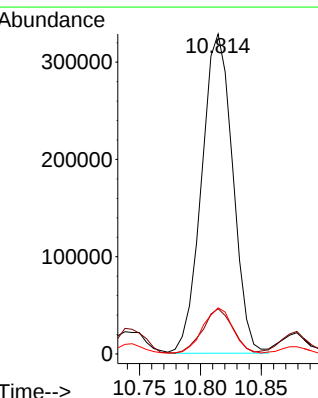
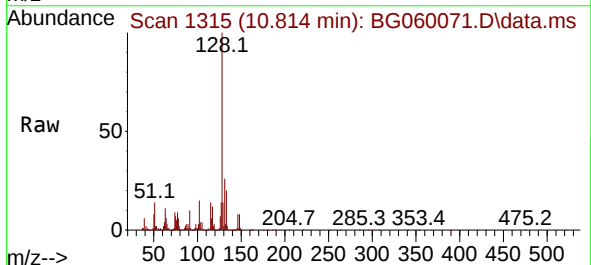
Tgt Ion:128 Resp: 584528

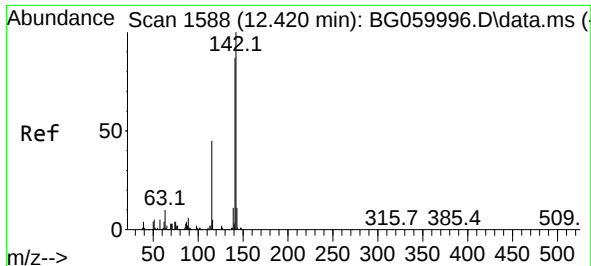
Ion Ratio Lower Upper

128 100

129 14.2 9.2 13.8#

127 14.4 9.7 14.5





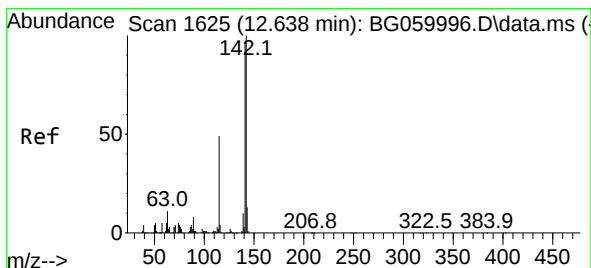
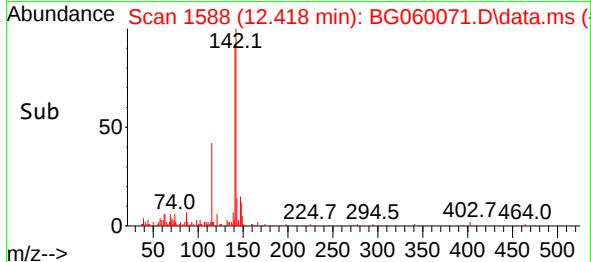
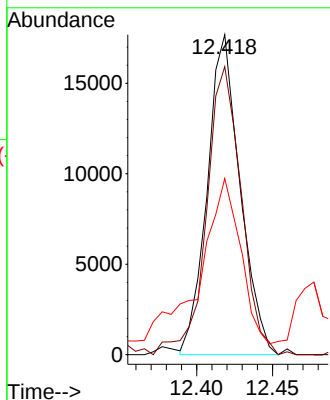
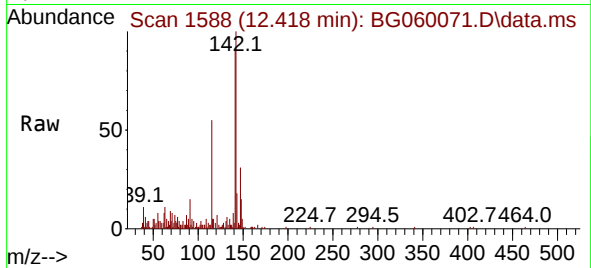
#37
2-Methylnaphthalene
Concen: 2.500 ng m
RT: 12.418 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:142 Resp: 2659
Ion Ratio Lower Upper
142 100
141 90.0 69.9 104.9
115 55.0 36.1 54.1

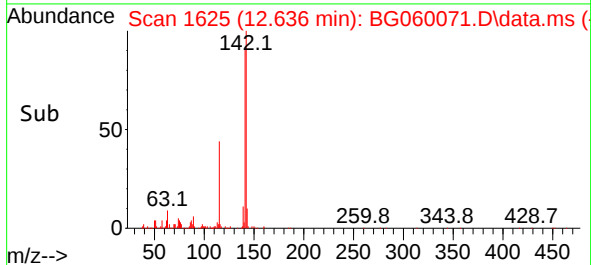
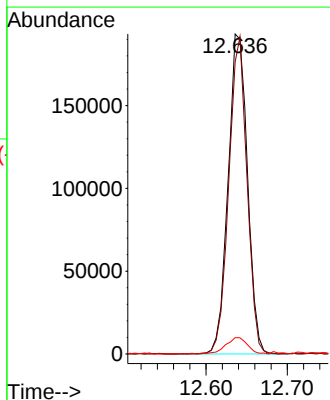
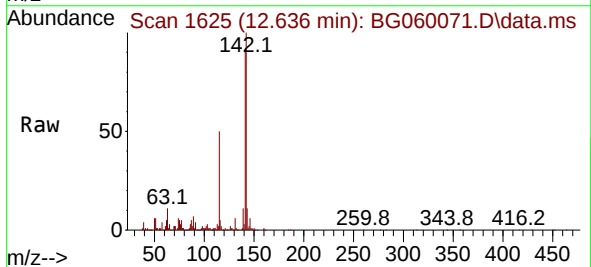
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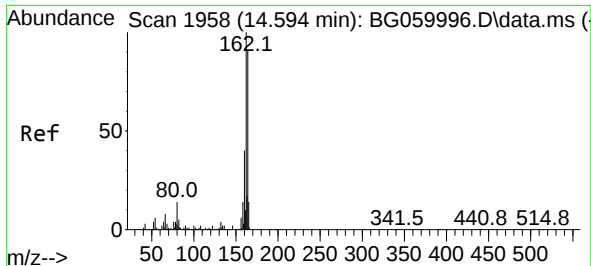
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#38
1-Methylnaphthalene
Concen: 30.454 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

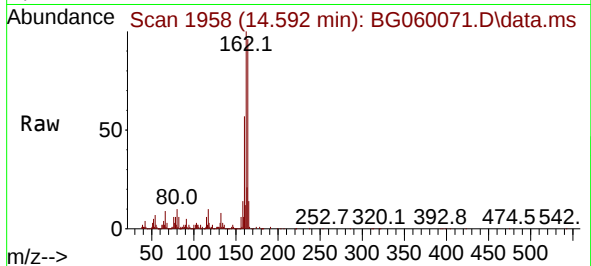
Tgt Ion:142 Resp: 319976
Ion Ratio Lower Upper
142 100
141 91.3 76.9 115.3
116 5.1 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

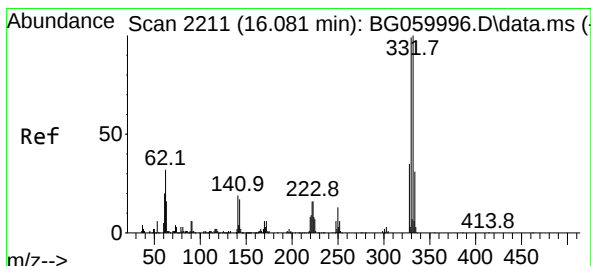
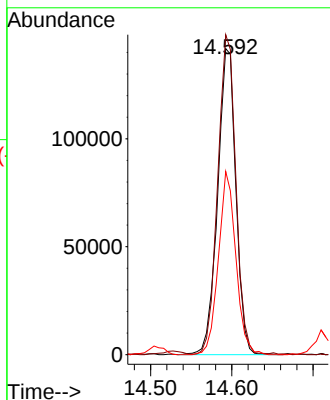
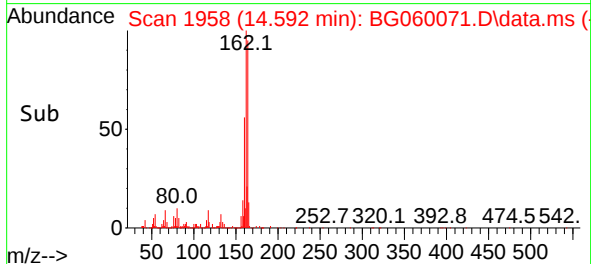
Instrument :
BNA_G
ClientSampleId :
MW-5B



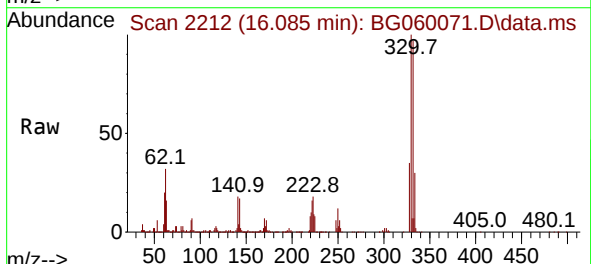
Tgt Ion:164 Resp: 221345
Ion Ratio Lower Upper
164 100
162 104.6 88.1 132.1
160 59.8 35.4 53.0

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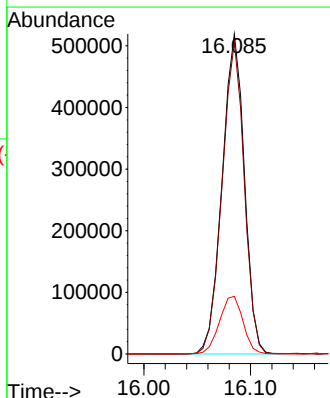
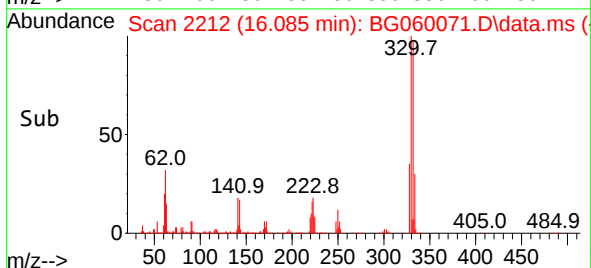
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

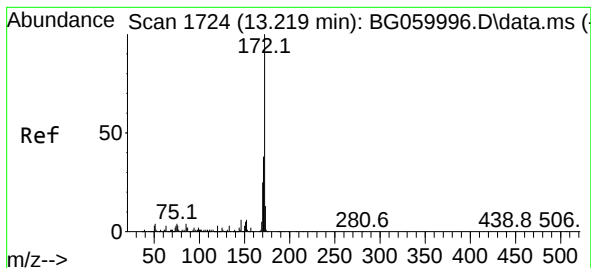


#42
2,4,6-Tribromophenol
Concen: 145.967 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14



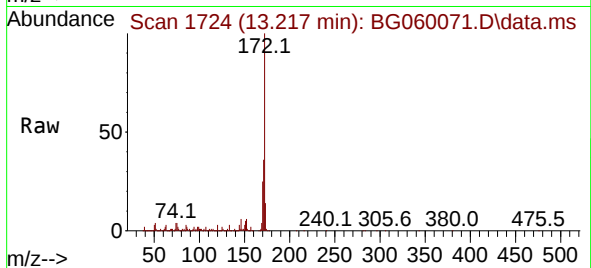
Tgt Ion:330 Resp: 752950
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 19.2 14.3 21.5





#45
2-Fluorobiphenyl
Concen: 86.005 ng
RT: 13.217 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

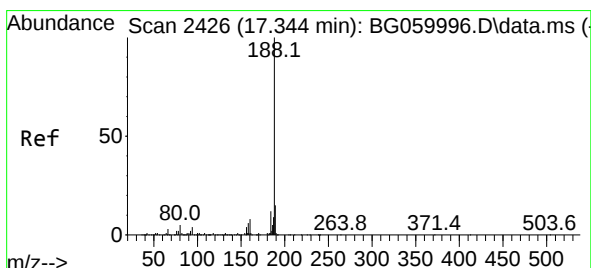
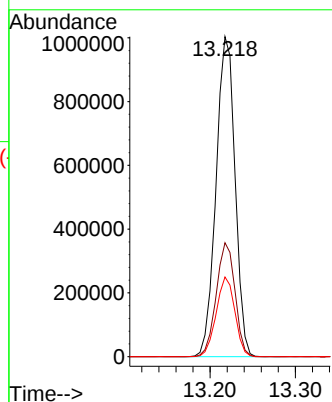
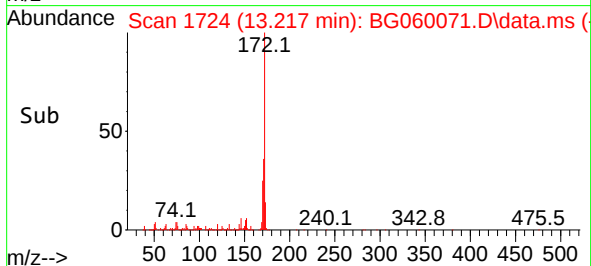
Instrument :
BNA_G
ClientSampleId :
MW-5B



Tgt Ion:172 Resp: 155541
Ion Ratio Lower Upper
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171 35.6 30.1 45.1
170 24.9 20.0 30.0

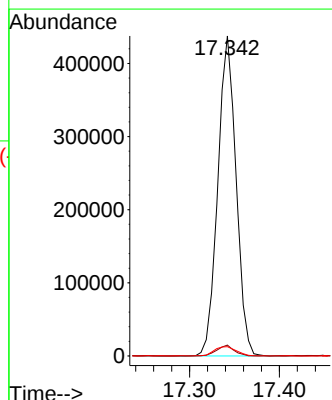
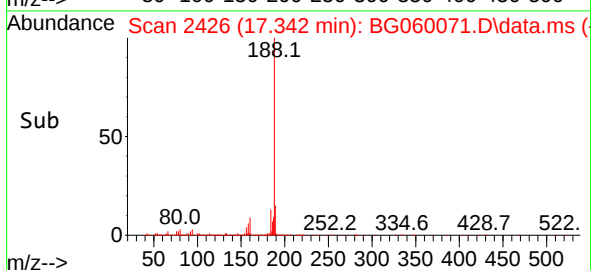
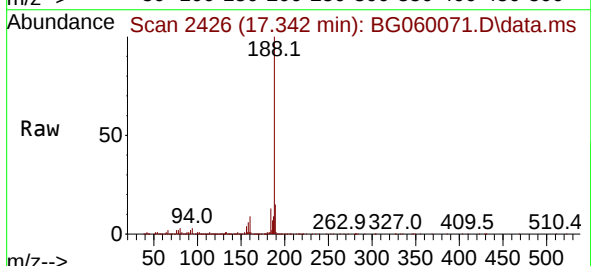
Manual Integrations
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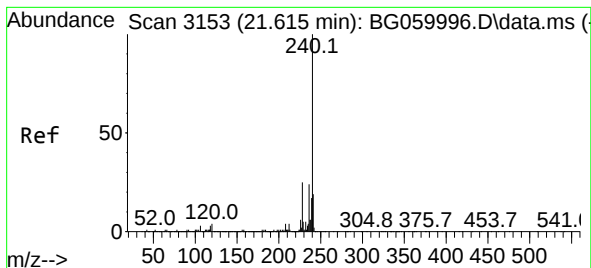
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:188 Resp: 618221
Ion Ratio Lower Upper
188 100
94 3.4 3.0 4.6
80 2.9 4.0 6.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.614 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

Instrument :

BNA_G

ClientSampleId :

MW-5B

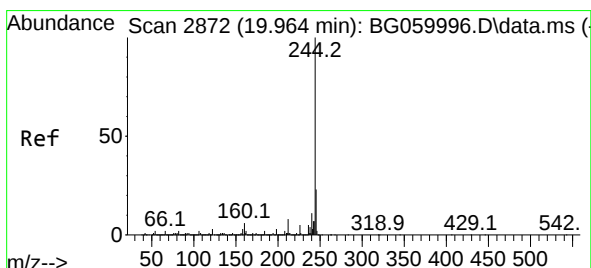
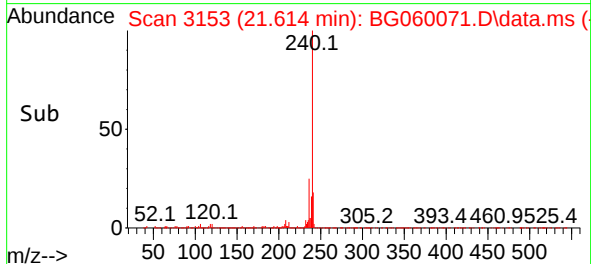
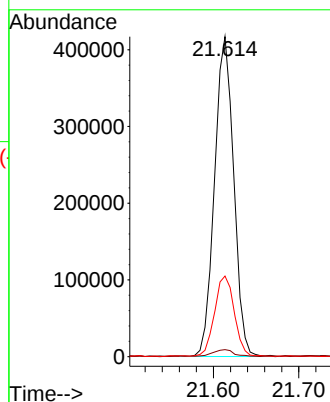
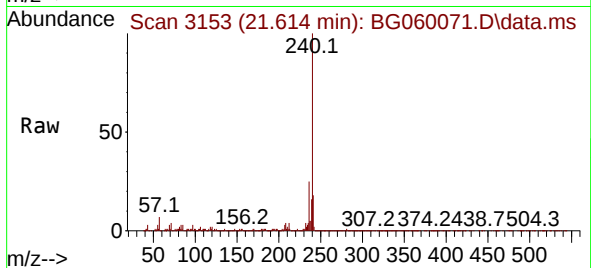
Tgt Ion:240 Resp: 65075
 Ion Ratio Lower Upper
 240 100
 120 2.2 2.9 4.3
 236 25.2 19.4 29.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#79

Terphenyl-d14

Concen: 95.343 ng

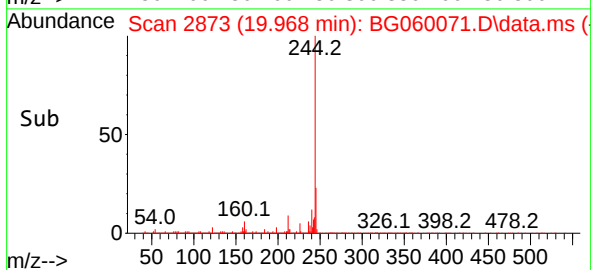
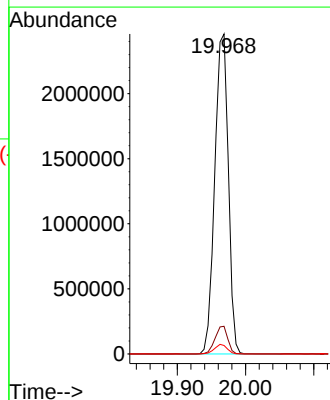
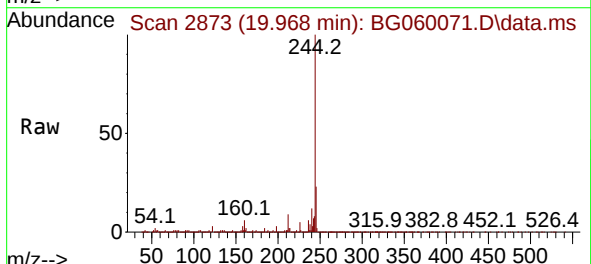
RT: 19.968 min Scan# 2873

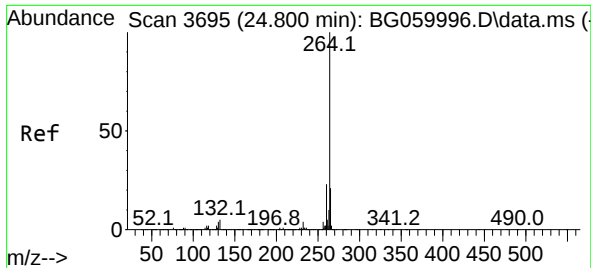
Delta R.T. 0.000 min

Lab File: BG060071.D

Acq: 18 Dec 2023 18:14

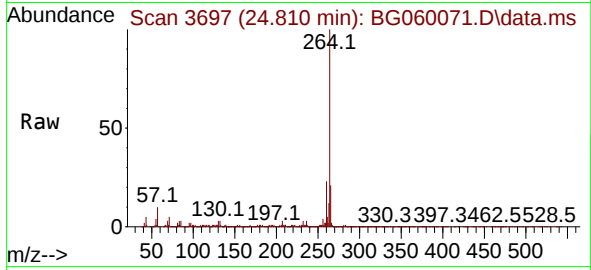
Tgt Ion:244 Resp: 3398402
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.8 10.2
 122 2.7 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060071.D
 Acq: 18 Dec 2023 18:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B



Tgt Ion:264 Resp: 749670
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 20.6 17.3 25.9

Manual Integrations
 APPROVED

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

