

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060763.D
 Acq On : 3 Apr 2024 15:27
 Operator : MA/JU
 Sample : P1956-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 03 16:09:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	72691	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	282238	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	197109	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	464158	20.000	ng	0.00
76) Chrysene-d12	21.595	240	448520	20.000	ng	0.00
86) Perylene-d12	24.739	264	542350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	490514	112.413	ng	0.00
7) Phenol-d6	7.118	99	535172	82.625	ng	0.00
23) Nitrobenzene-d5	9.110	82	342460	69.237	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	265487	118.653	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	825220	61.444	ng	0.00
79) Terphenyl-d14	19.956	244	1558515	61.185	ng	0.00
Target Compounds						
75) Fluoranthene	19.386	202	93593	3.195	ng	Qvalue 97
78) Pyrene	19.745	202	123201	3.928	ng	99
81) Benzo(a)anthracene	21.578	228	65078m	2.058	ng	
83) Chrysene	21.642	228	87085m	2.858	ng	
88) Benzo(b)fluoranthene	23.740	252	101038	3.243	ng	96

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

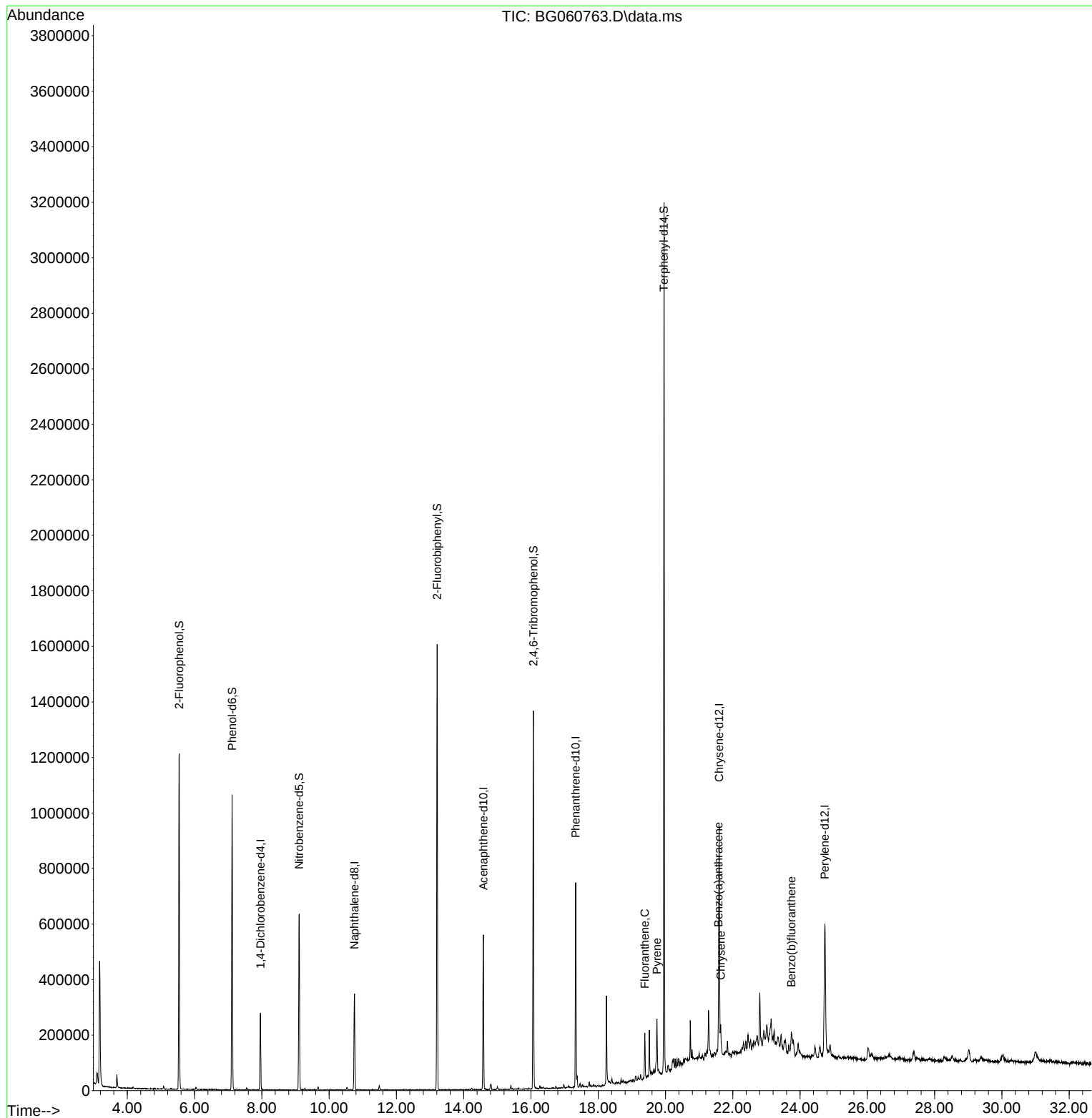
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060763.D
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ALS Vial : 9 Sample Multiplier: 1

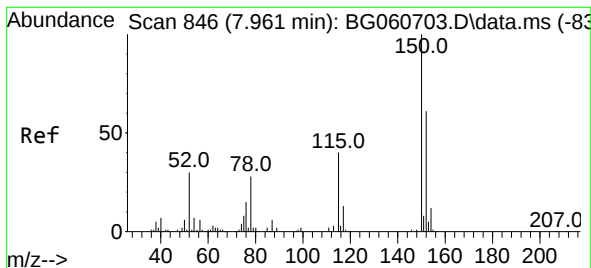
Instrument :
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RBR200010

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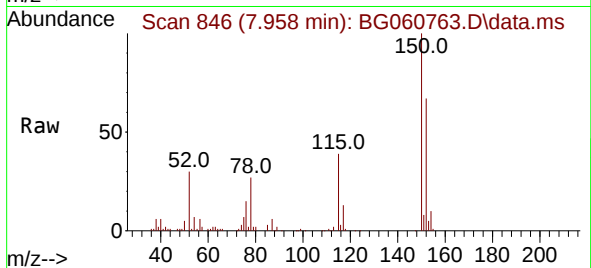
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

RBR200010

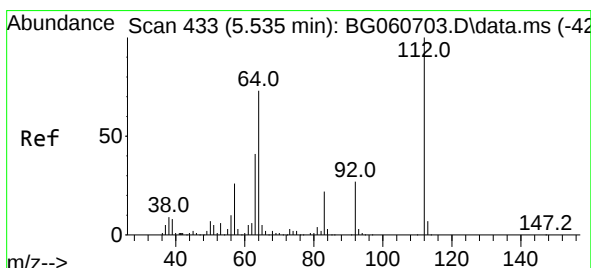
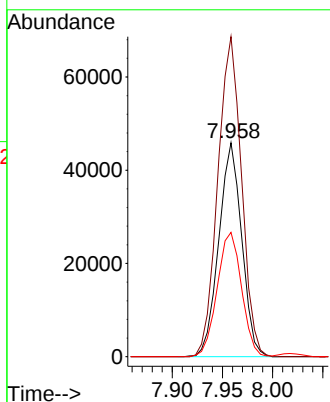
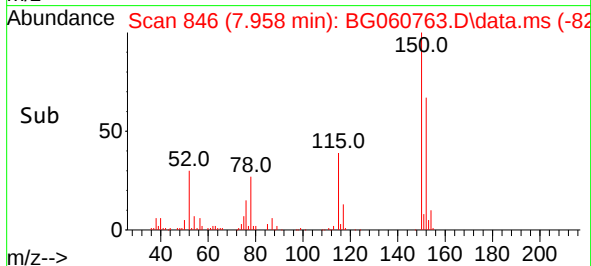


Tgt Ion:152 Resp: 7269
Ion Ratio Lower Upper
152 100
150 149.6 130.2 195.4
115 58.1 51.6 77.4

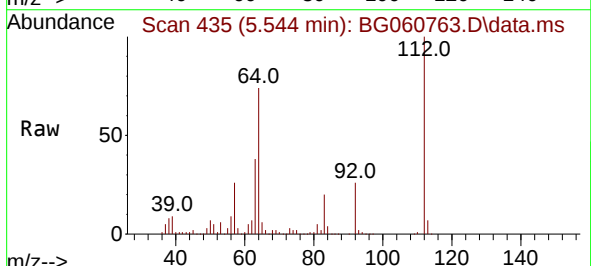
Manual Integrations

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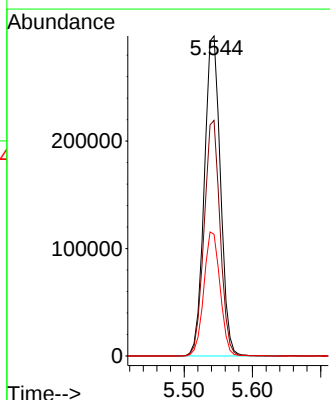
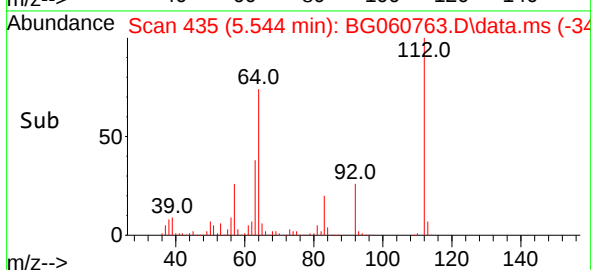
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

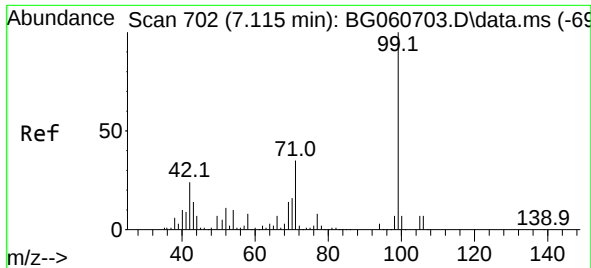


#5
2-Fluorophenol
Concen: 112.413 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27



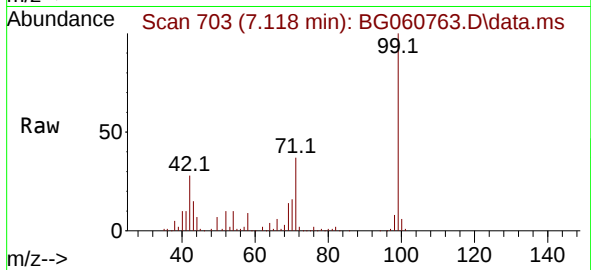
Tgt Ion:112 Resp: 490514
Ion Ratio Lower Upper
112 100
64 73.6 58.4 87.6
63 38.0 32.7 49.1





#7
Phenol-d6
Concen: 82.625 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27

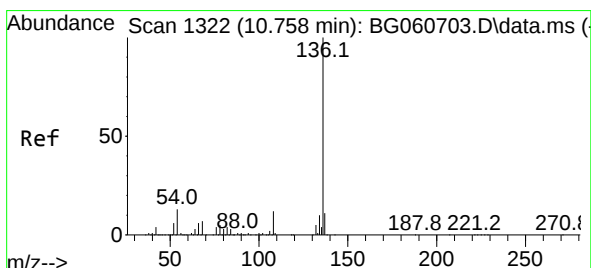
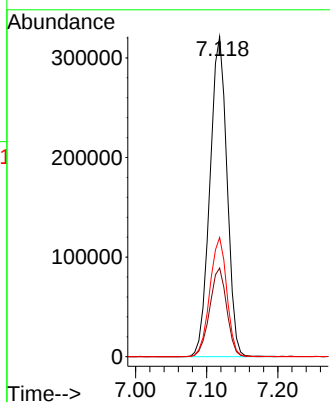
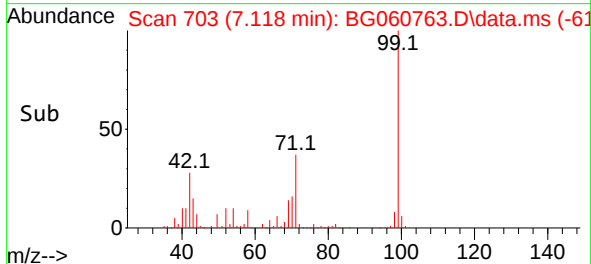
Instrument :
BNA_G
ClientSampleId :
RBR200010



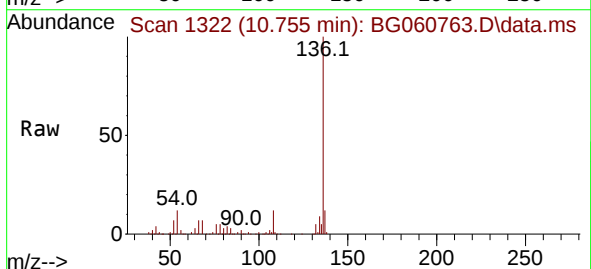
Tgt Ion: 99 Resp: 535172
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.3 28.2 42.2

Manual Integrations
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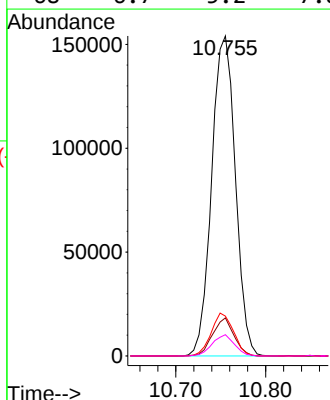
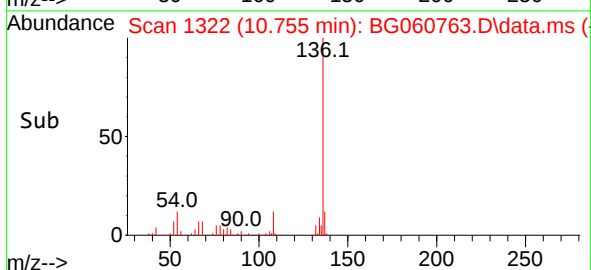
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

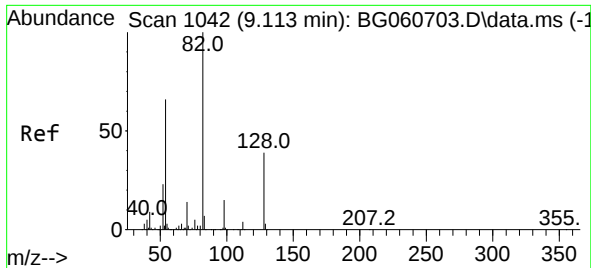


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27



Tgt Ion:136 Resp: 282238
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 12.5 10.2 15.2
68 6.7 5.2 7.8





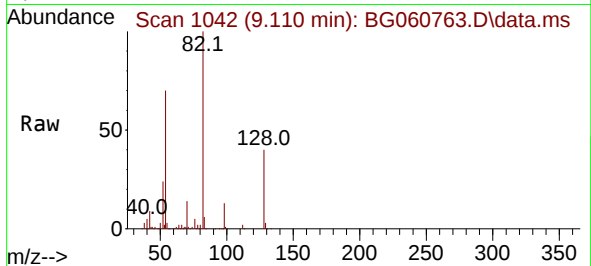
#23
Nitrobenzene-d5
Concen: 69.237 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

RBR200010

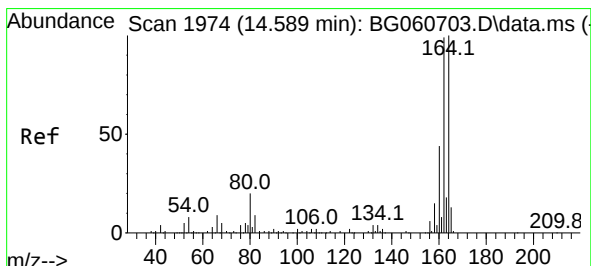
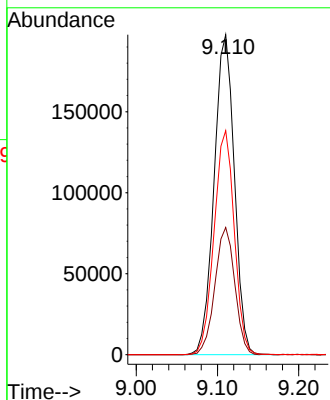
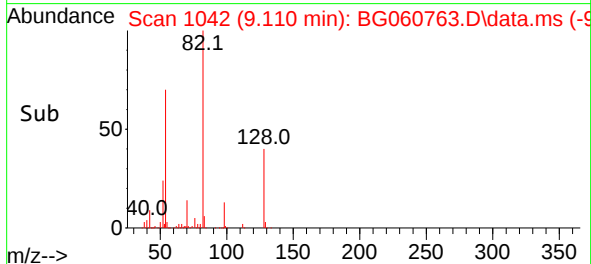


Tgt Ion: 82 Resp: 342460
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 70.0 53.2 79.8

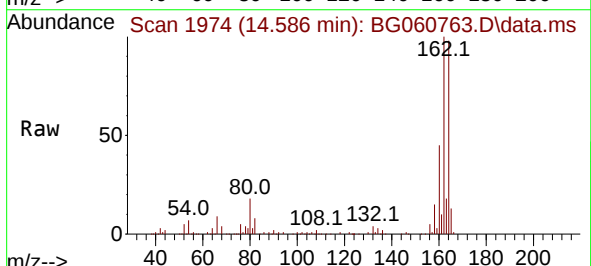
Manual Integrations

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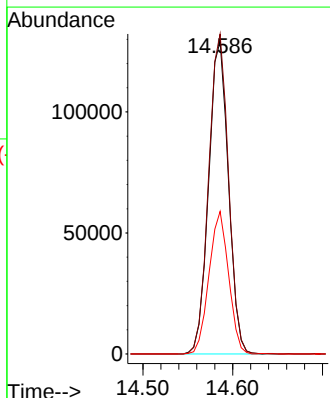
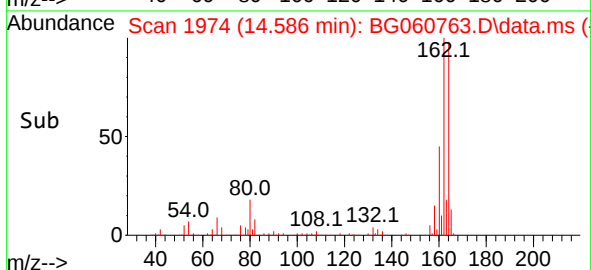
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27



Tgt Ion:164 Resp: 197109
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.6 35.4 53.0





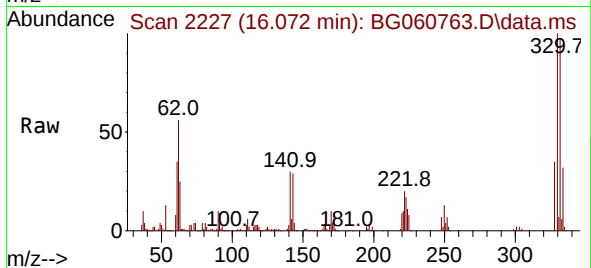
#42
2,4,6-Tribromophenol
Concen: 118.653 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

RBR200010

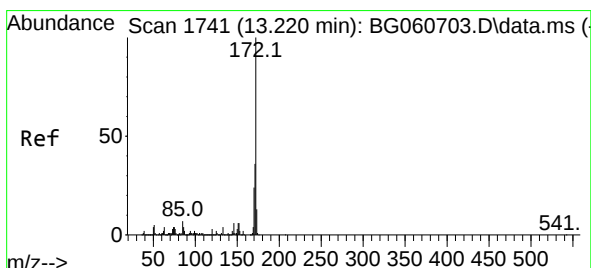
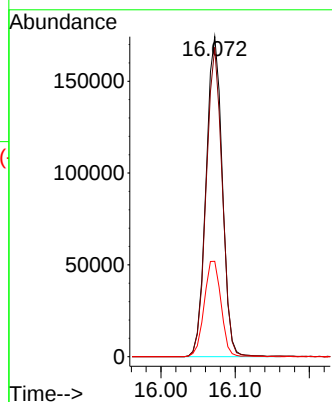
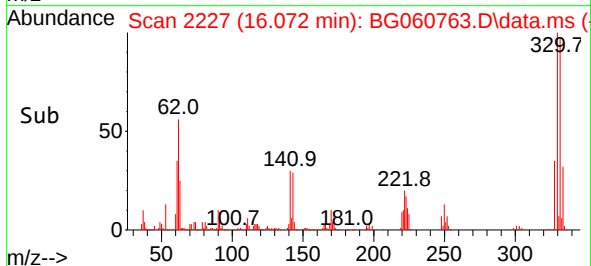


Tgt Ion:330 Resp: 26548
Ion Ratio Lower Upper
330 100
332 95.3 78.2 117.4
141 31.0 27.0 40.6

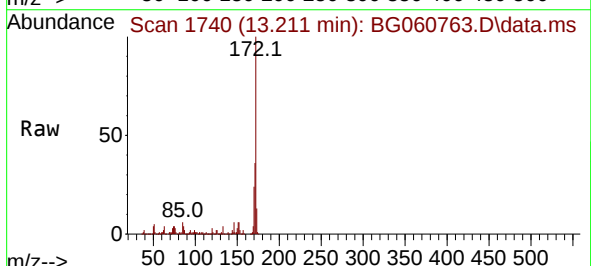
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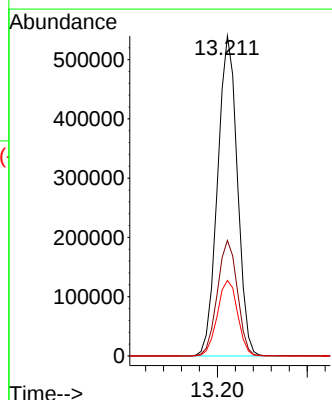
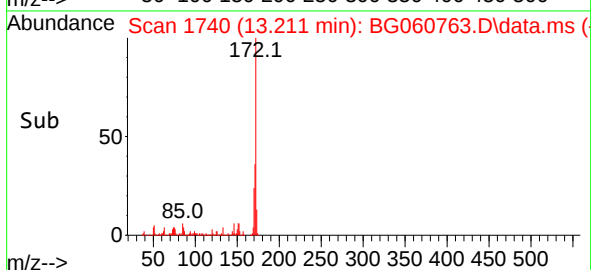
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

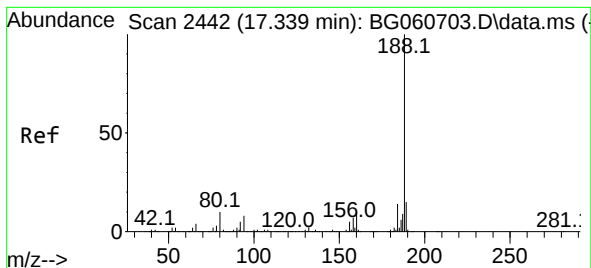


#45
2-Fluorobiphenyl
Concen: 61.444 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27



Tgt Ion:172 Resp: 825220
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

RBR200010

Tgt Ion:188 Resp: 46415

Ion Ratio Lower Upper

188 100

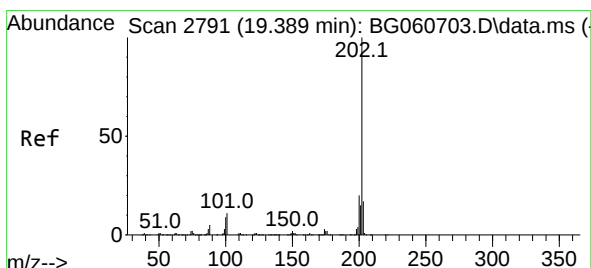
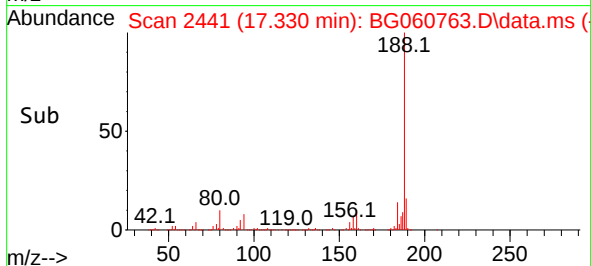
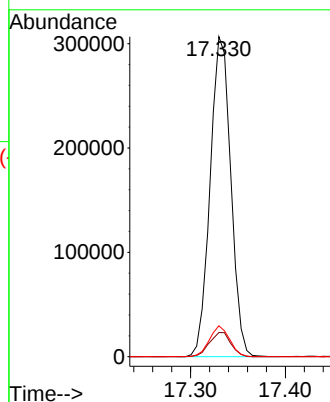
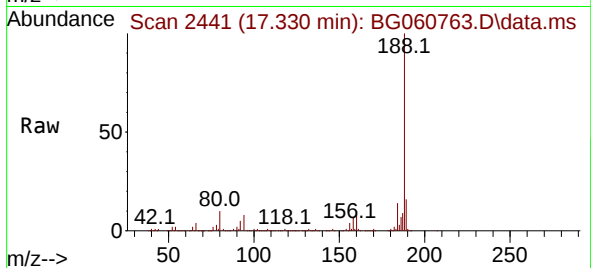
94 7.5 6.6 9.8

80 9.6 7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 04/05/2024



#75

Fluoranthene

Concen: 3.195 ng

RT: 19.386 min Scan# 2791

Delta R.T. -0.003 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

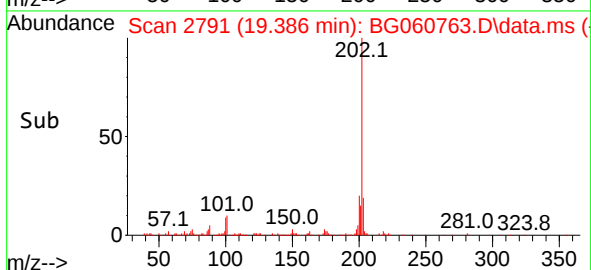
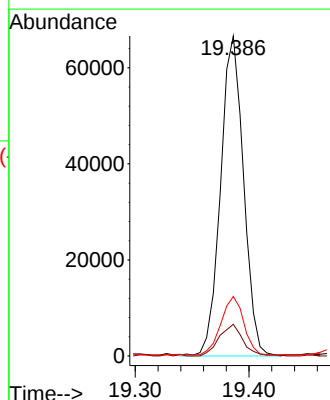
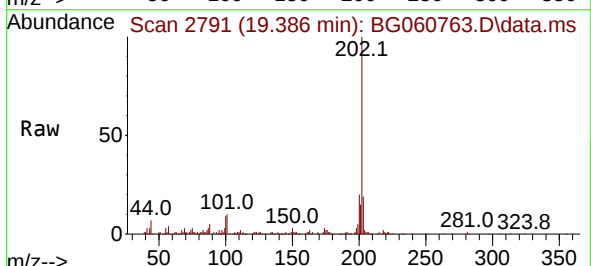
Tgt Ion:202 Resp: 93593

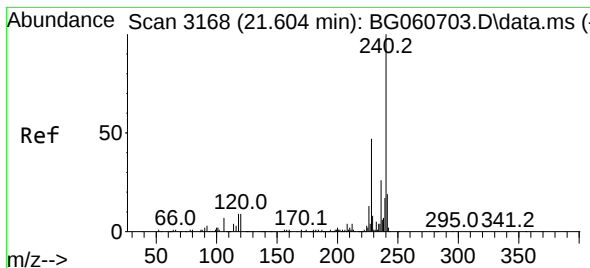
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.8

203 18.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3167

Delta R.T. -0.009 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

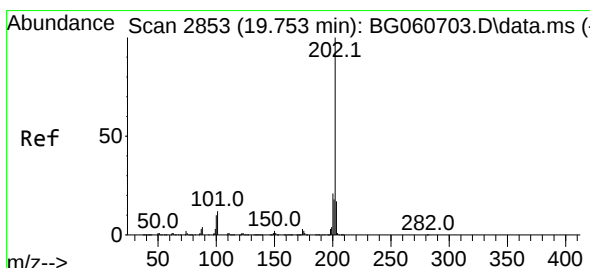
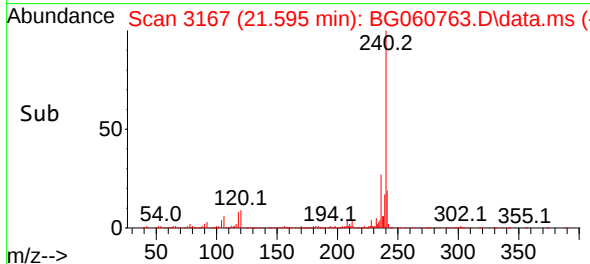
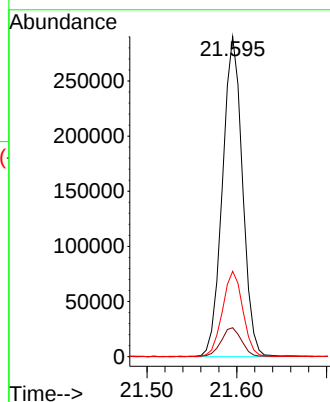
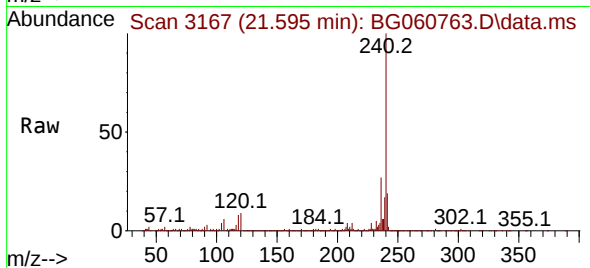
RBR200010

Tgt Ion:240 Resp: 448520
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.1 10.7
 236 26.7 20.7 31.1

Manual Integrations

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 Supervised By :mohammad ahmed 04/05/2024



#78

Pyrene

Concen: 3.928 ng

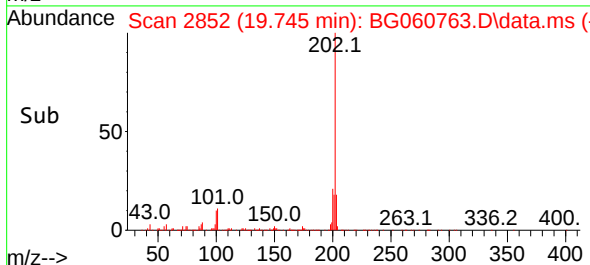
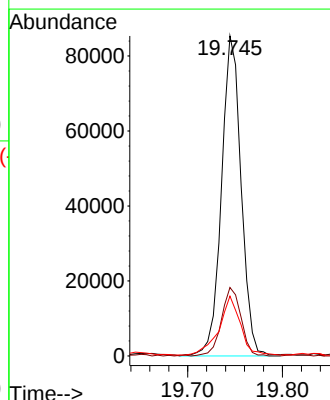
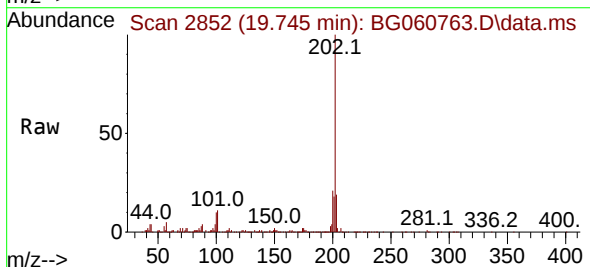
RT: 19.745 min Scan# 2852

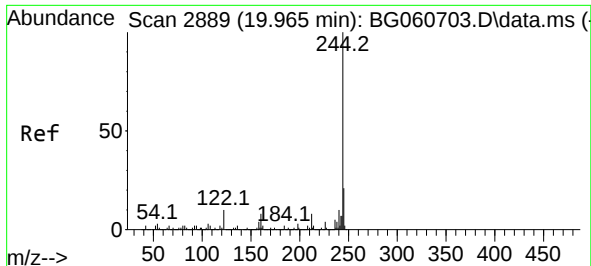
Delta R.T. -0.009 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

Tgt Ion:202 Resp: 123201
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.4
 203 18.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 61.185 ng
 RT: 19.956 min Scan# 2155
 Delta R.T. -0.009 min
 Lab File: BG060763.D
 Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

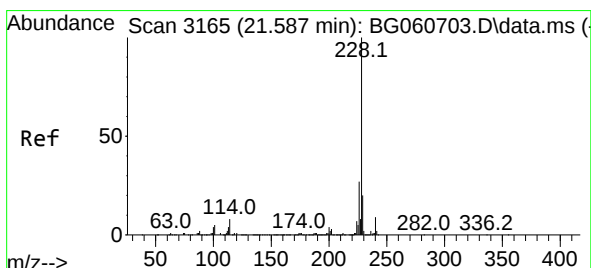
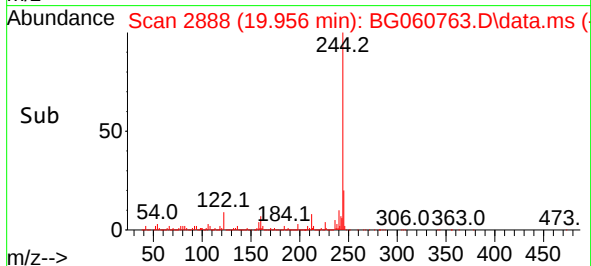
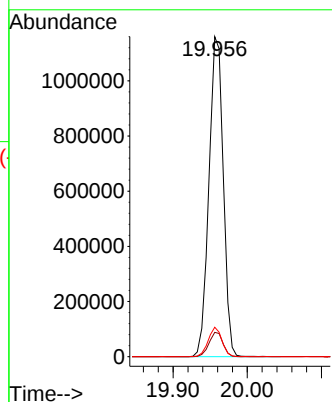
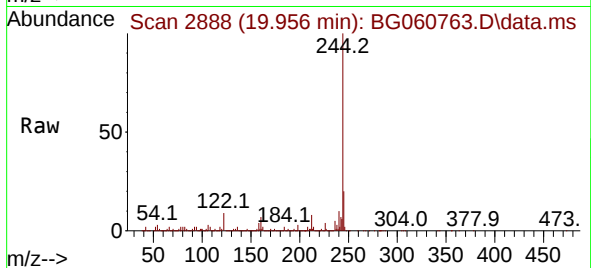
RBR200010

Tgt Ion:244 Resp: 155851
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.2 7.8 11.8

Manual Integrations

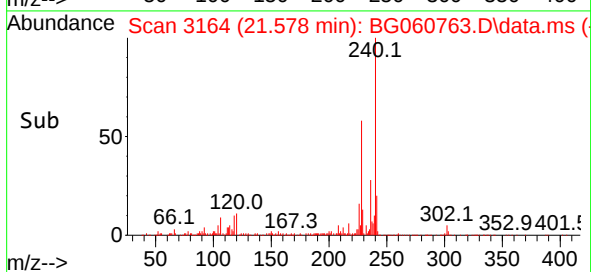
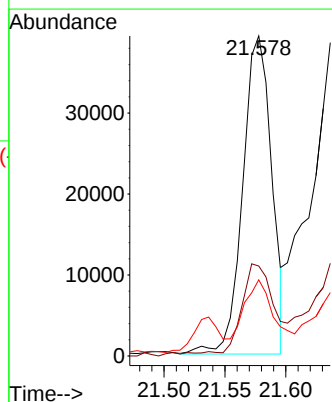
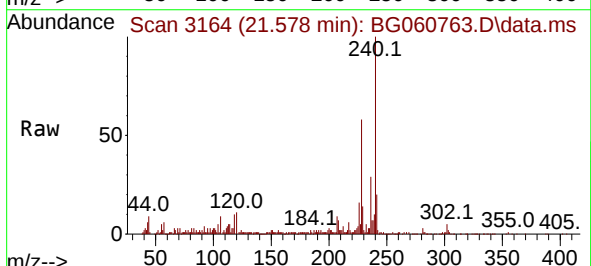
APPROVED

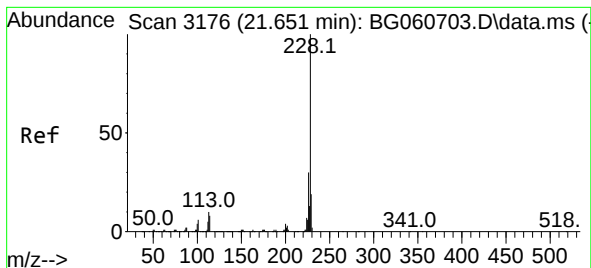
Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024



#81
 Benzo(a)anthracene
 Concen: 2.058 ng m
 RT: 21.578 min Scan# 3164
 Delta R.T. -0.009 min
 Lab File: BG060763.D
 Acq: 3 Apr 2024 15:27

Tgt Ion:228 Resp: 65078
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.7 32.5
 229 23.8 15.8 23.8#





#83

Chrysene

Concen: 2.858 ng m

RT: 21.642 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

Instrument :

BNA_G

ClientSampleId :

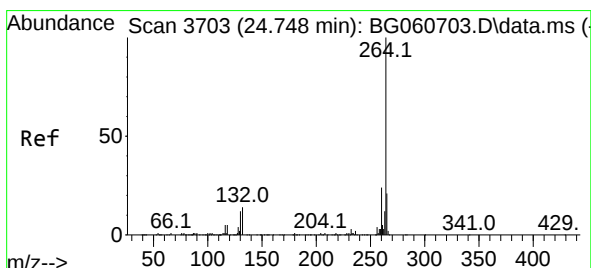
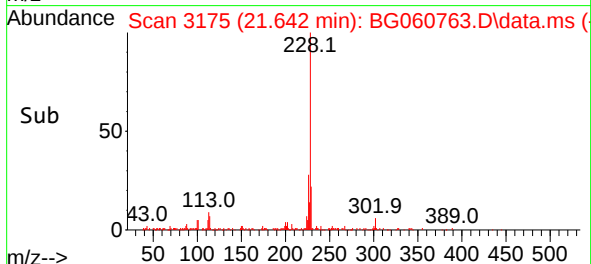
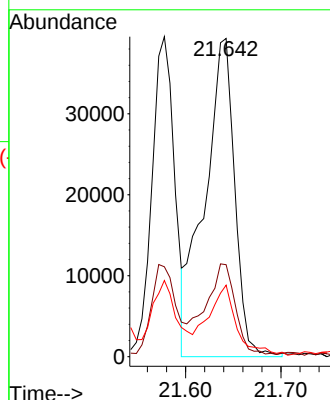
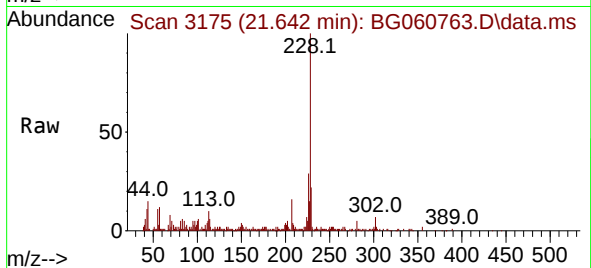
RBR200010

Tgt Ion:	228	Resp:	87085
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.2	36.4
229	22.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#86

Perylene-d12

Concen: 20.000 ng

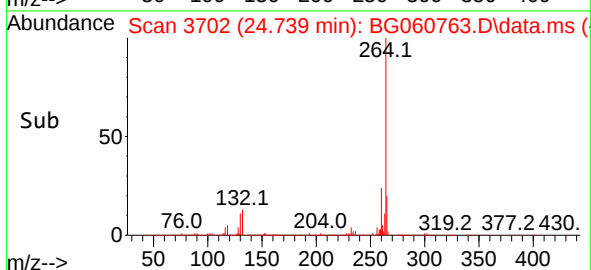
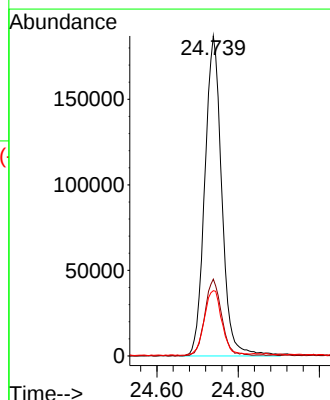
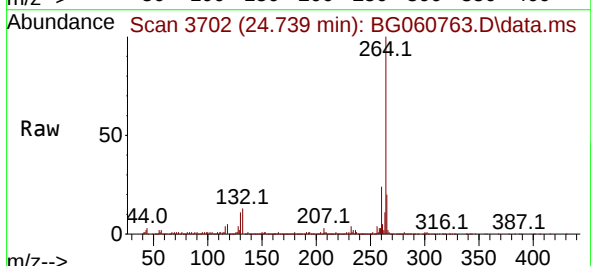
RT: 24.739 min Scan# 3702

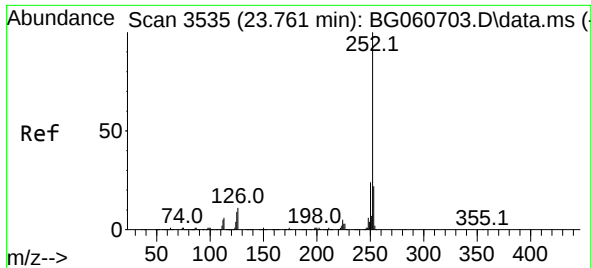
Delta R.T. -0.009 min

Lab File: BG060763.D

Acq: 3 Apr 2024 15:27

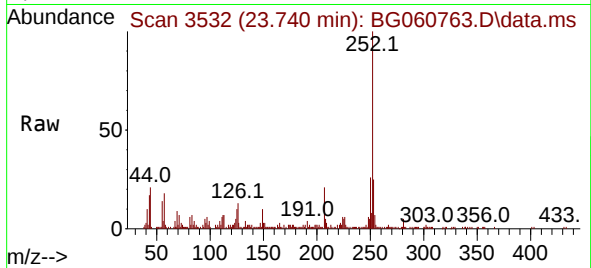
Tgt Ion:	264	Resp:	542350
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	20.4	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 3.243 ng
RT: 23.740 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG060763.D
Acq: 3 Apr 2024 15:27

Instrument :
BNA_G
ClientSampleId :
RBR200010



Tgt Ion:252 Resp: 101038
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 9.9 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

