

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060768.D
 Acq On : 3 Apr 2024 18:53
 Operator : MA/JU
 Sample : P1894-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RT

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 01:26:43 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	75737	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	298668	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	203986	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	423351	20.000	ng	# 0.00
76) Chrysene-d12	21.601	240	407577	20.000	ng	# 0.00
86) Perylene-d12	24.750	264	489465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	472658	103.964	ng	0.00
7) Phenol-d6	7.118	99	624442	92.530	ng	0.00
23) Nitrobenzene-d5	9.110	82	420108	80.263	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	280175	120.996	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	933337	67.151	ng	0.00
79) Terphenyl-d14	19.968	244	1409275	60.884	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.962	122	4094m	7.926	ng	
70) Pentachlorophenol	16.989	266	250364	79.111	ng	96
71) Phenanthrene	17.383	178	69058m	3.136	ng	
75) Fluoranthene	19.392	202	67369	2.522	ng	77
78) Pyrene	19.756	202	68480	2.402	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.531	149	87153	5.259	ng	# 94
88) Benzo(b)fluoranthene	23.763	252	59905	2.130	ng	# 71

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

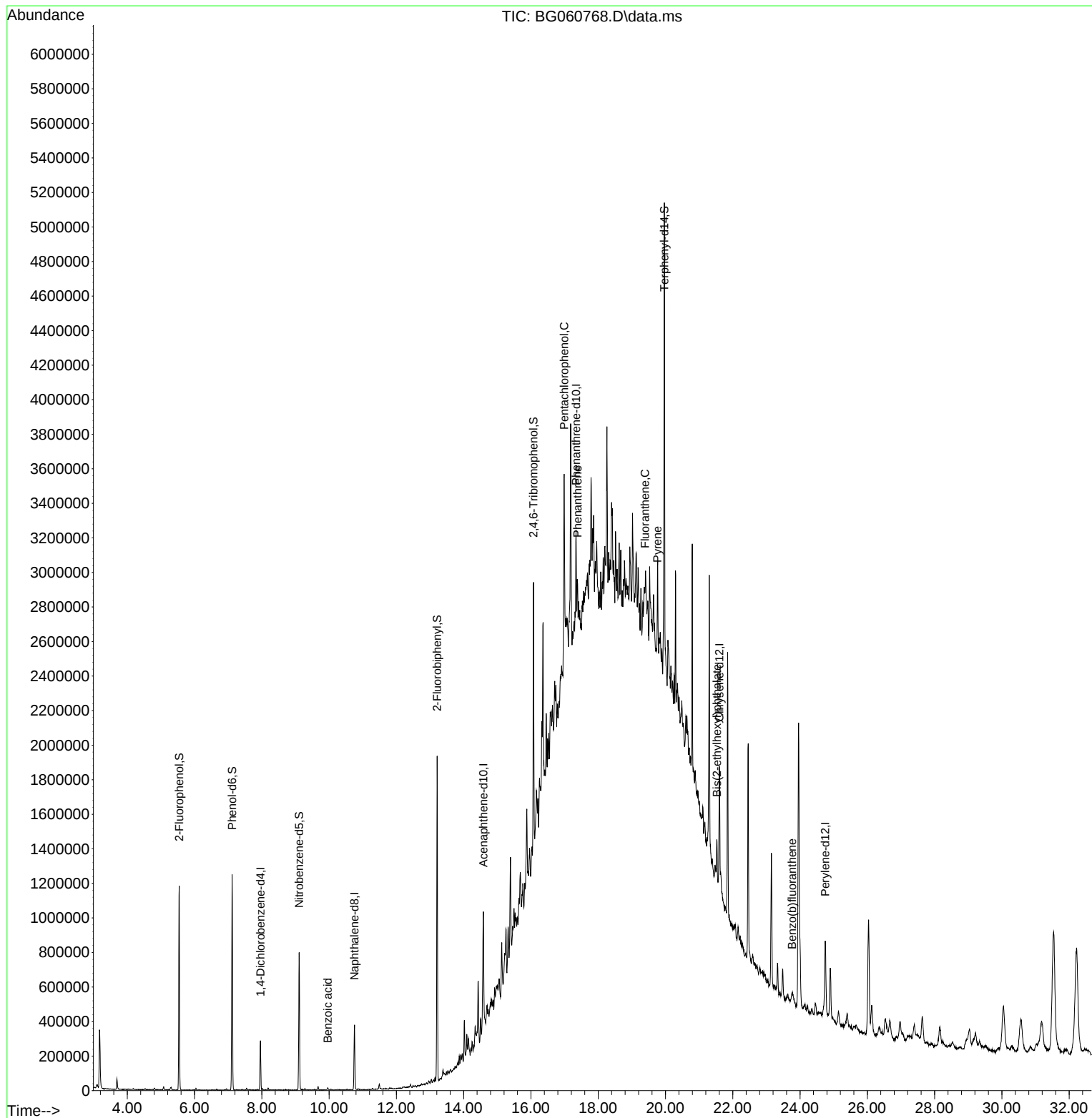
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
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Supervised By :mohammad ahmed 04/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

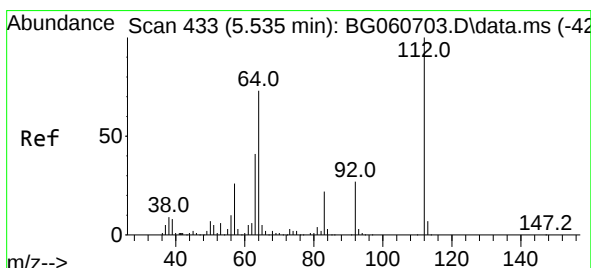
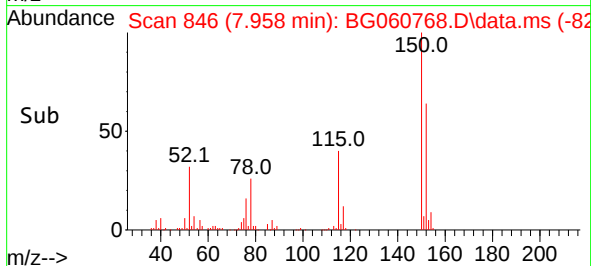
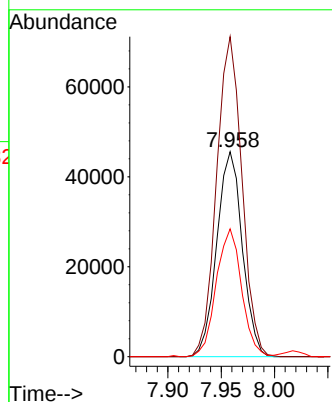
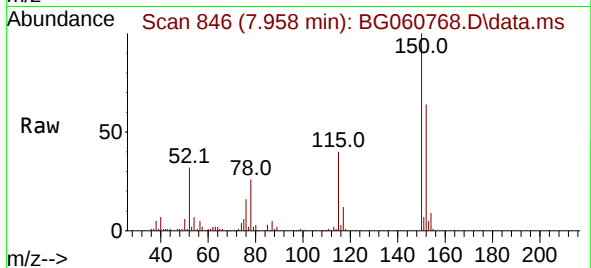
RB40858RT

Tgt Ion:152 Resp: 7573
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.4
115 62.3 51.6 77.4

Manual Integrations

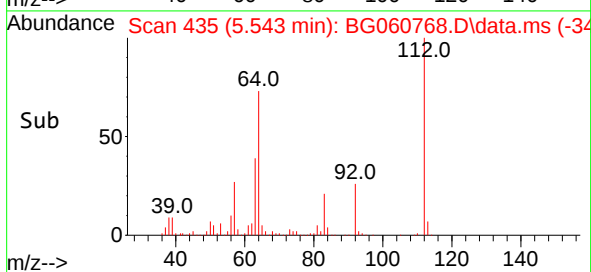
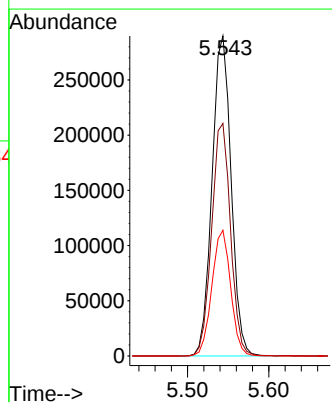
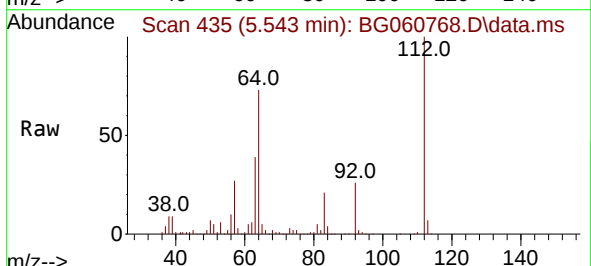
APPROVED

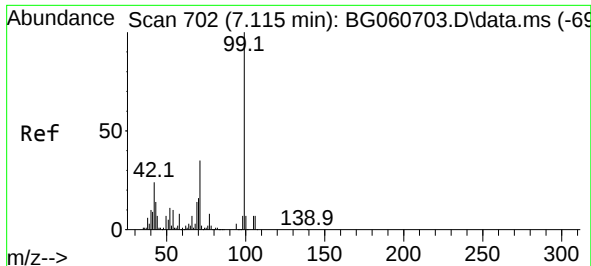
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#5
2-Fluorophenol
Concen: 103.964 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

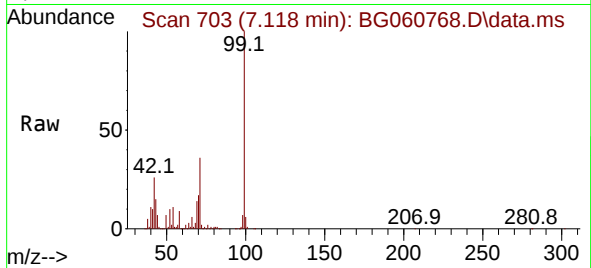
Tgt Ion:112 Resp: 472658
Ion Ratio Lower Upper
112 100
64 72.6 58.4 87.6
63 39.2 32.7 49.1





#7
Phenol-d6
Concen: 92.530 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

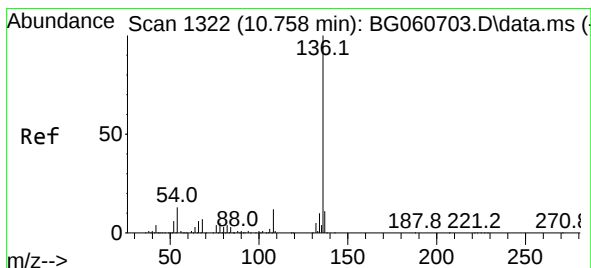
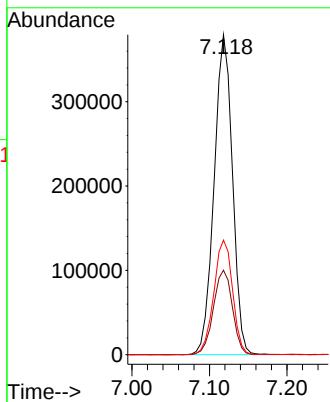
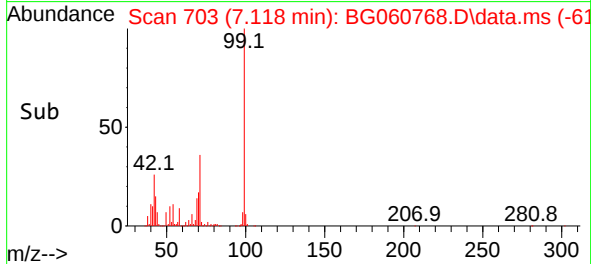
Instrument :
BNA_G
ClientSampleId :
RB40858RT



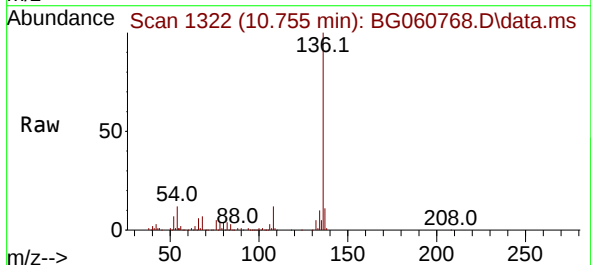
Tgt Ion: 99 Resp: 62444
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 35.8 28.2 42.2

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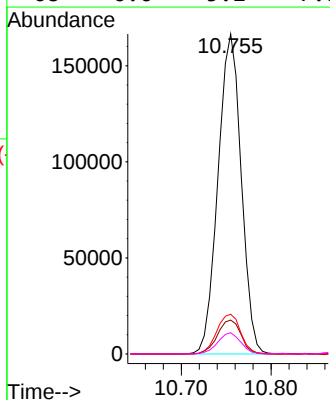
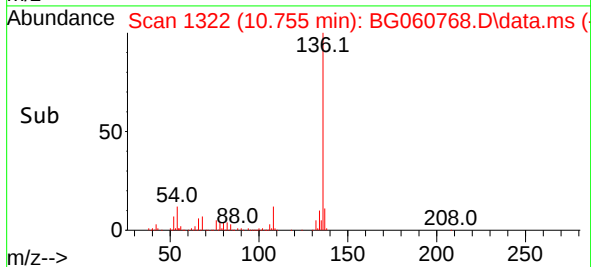
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

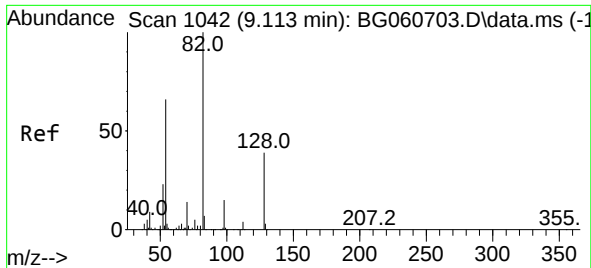


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53



Tgt Ion:136 Resp: 298668
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.4 10.2 15.2
68 6.6 5.2 7.8





#23
Nitrobenzene-d5
Concen: 80.263 ng
RT: 9.110 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

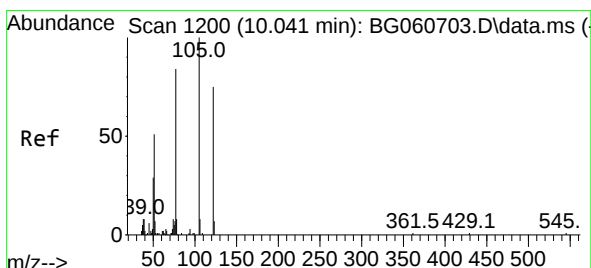
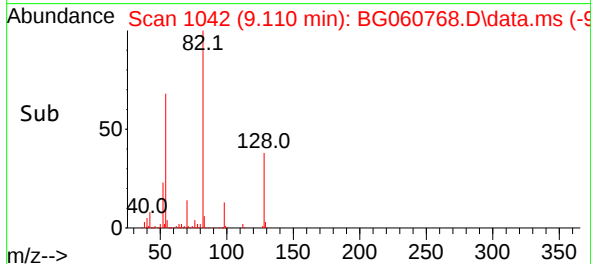
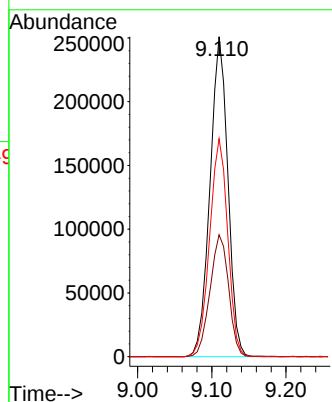
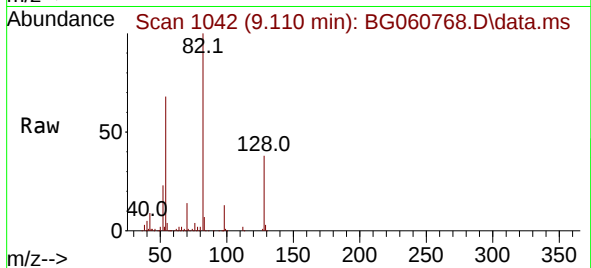
RB40858RT

Tgt Ion: 82 Resp: 420108
Ion Ratio Lower Upper
82 100
128 38.1 31.2 46.8
54 68.1 53.2 79.8

Manual Integrations

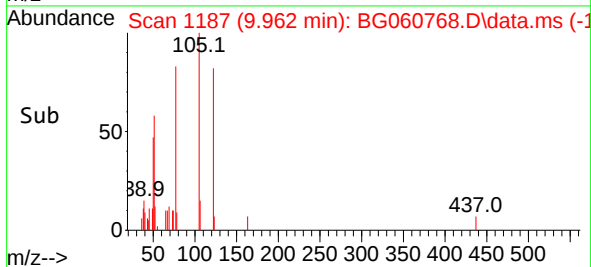
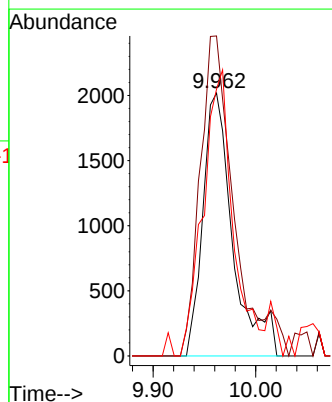
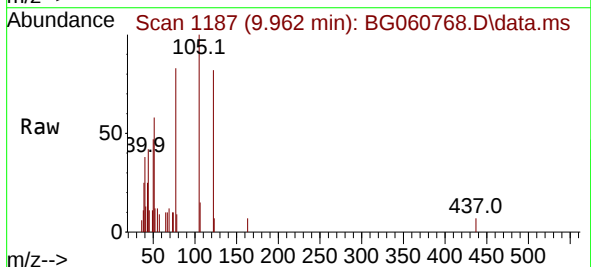
APPROVED

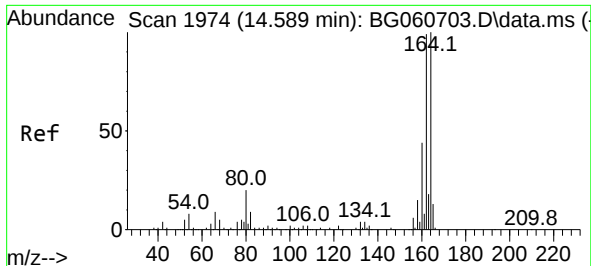
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#32
Benzoic acid
Concen: 7.926 ng m
RT: 9.962 min Scan# 1187
Delta R.T. -0.079 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:122 Resp: 4094
Ion Ratio Lower Upper
122 100
105 121.8 104.5 144.5
77 101.5 85.3 125.3





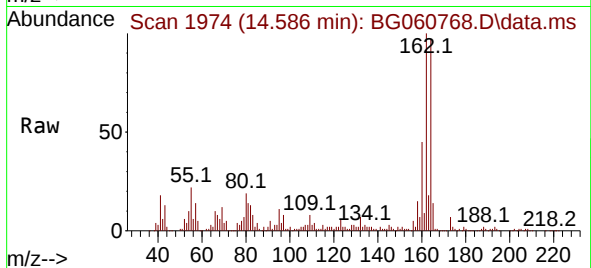
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

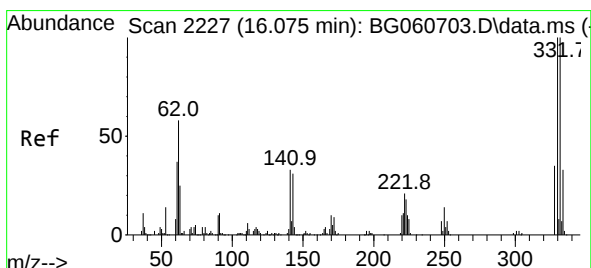
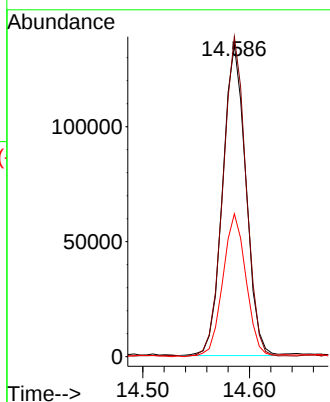
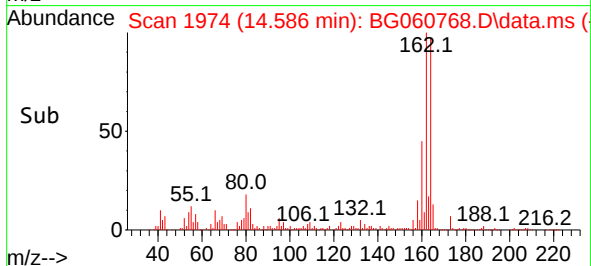


Tgt Ion:164 Resp: 203980
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 45.8 35.4 53.0

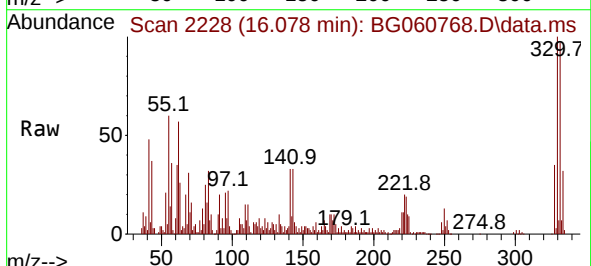
Manual Integrations

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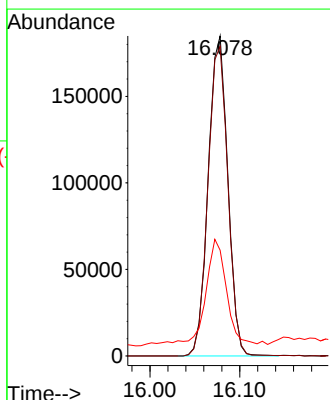
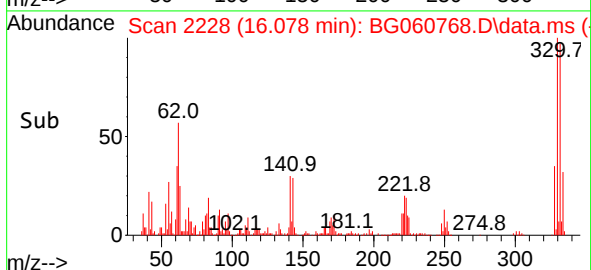
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

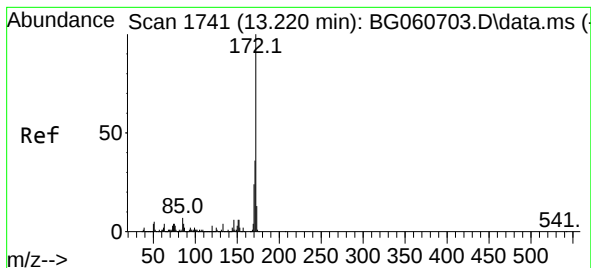


#42
2,4,6-Tribromophenol
Concen: 120.996 ng
RT: 16.078 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53



Tgt Ion:330 Resp: 280175
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.4
141 36.9 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 67.151 ng

RT: 13.211 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

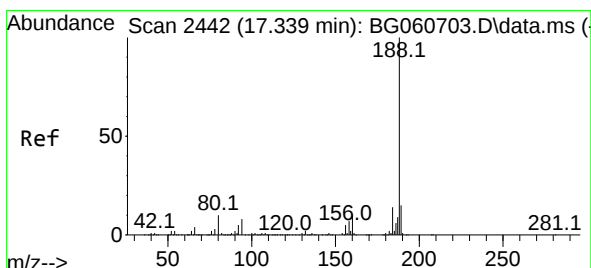
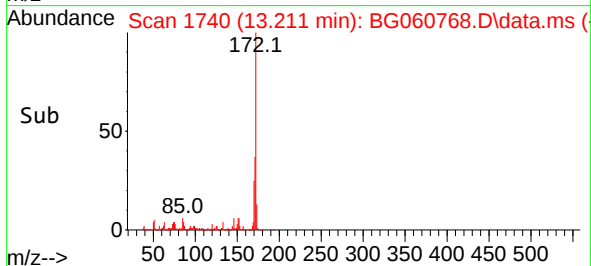
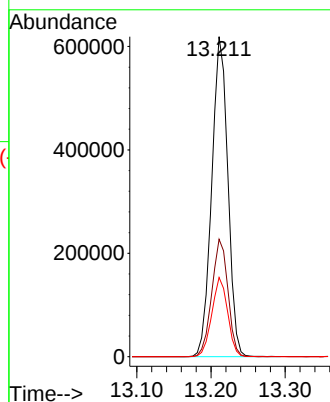
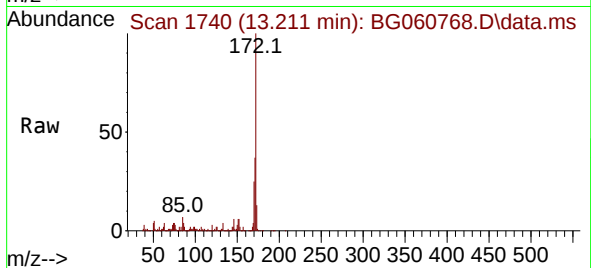
RB40858RT

Tgt Ion:172	Resp: 93333
Ion Ratio	Lower Upper
172	100
171	36.7 28.7 43.1
170	24.8 19.4 29.0

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

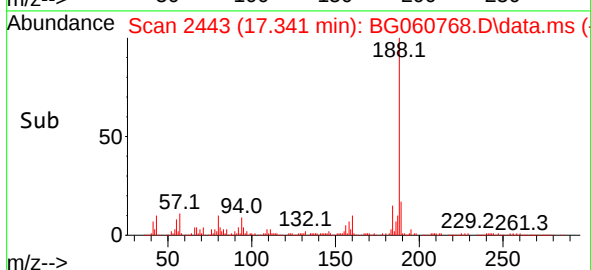
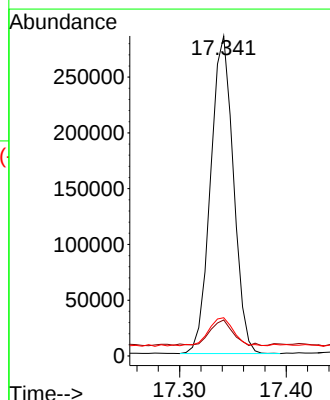
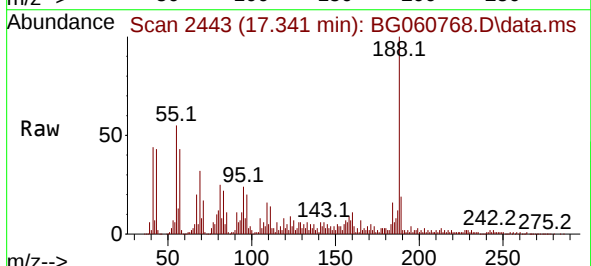
RT: 17.341 min Scan# 2443

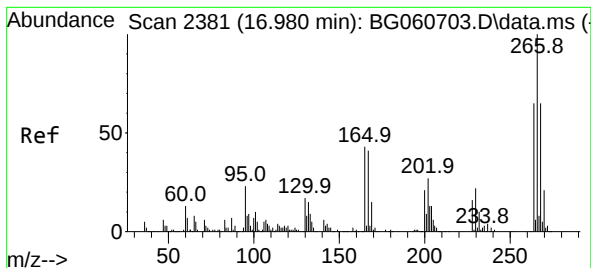
Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Tgt Ion:188	Resp: 423351
Ion Ratio	Lower Upper
188	100
94	11.3 6.6 9.8#
80	12.0 7.6 11.4#





#70

Pentachlorophenol

Concen: 79.111 ng

RT: 16.989 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

Tgt Ion:266 Resp: 250364

Ion Ratio Lower Upper

266 100

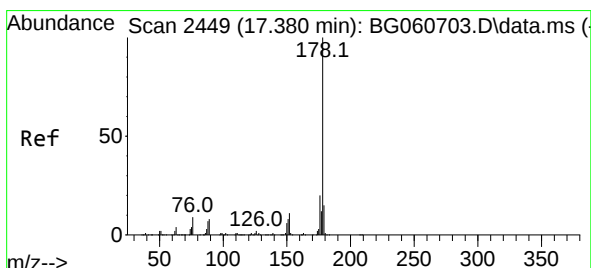
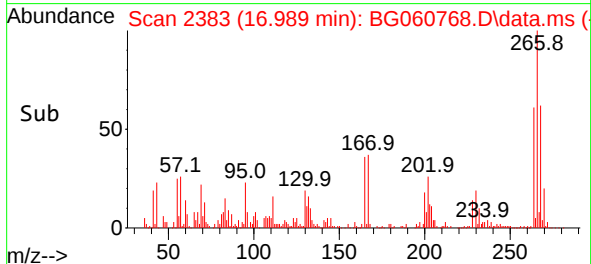
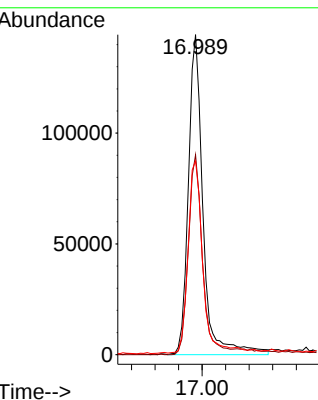
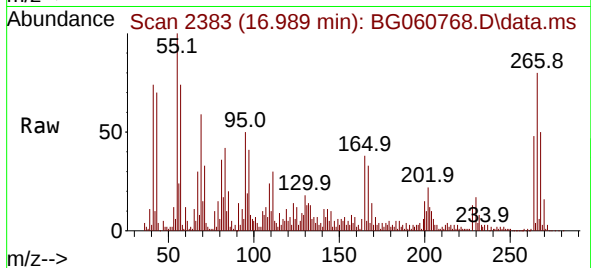
268 62.5 52.2 78.4

264 60.5 51.8 77.6

Manual Integrations

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



#71

Phenanthrene

Concen: 3.136 ng m

RT: 17.383 min Scan# 2450

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

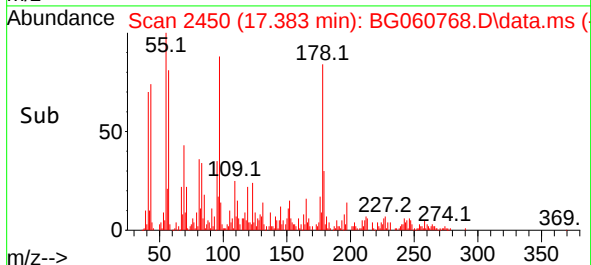
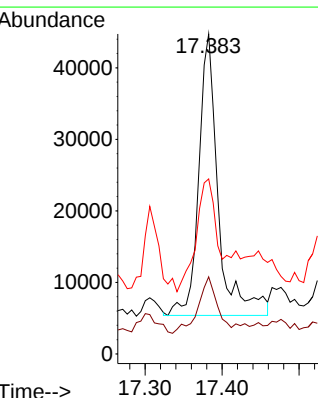
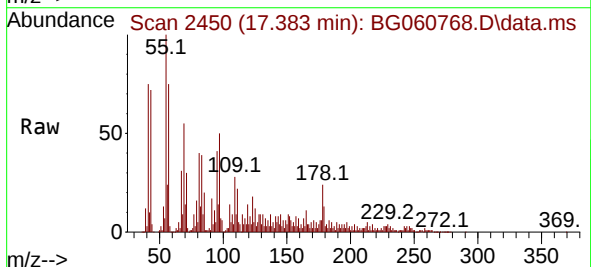
Tgt Ion:178 Resp: 69058

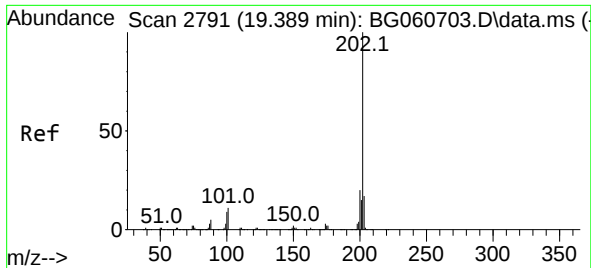
Ion Ratio Lower Upper

178 100

176 24.1 15.8 23.6#

179 54.7 12.2 18.4#





#75
Fluoranthene
Concen: 2.522 ng
RT: 19.392 min Scan# 2791
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

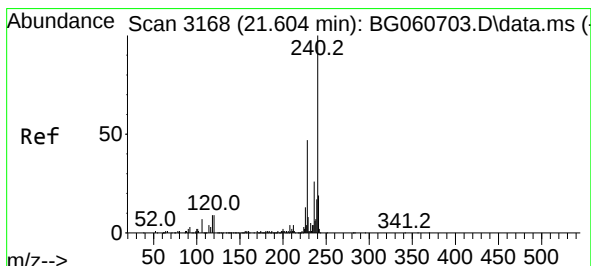
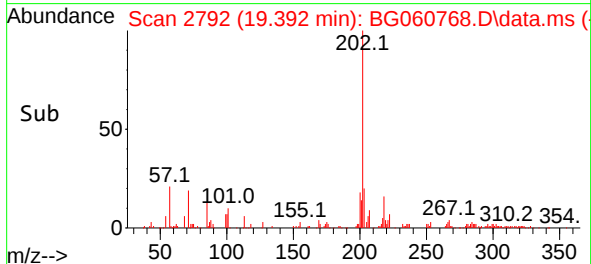
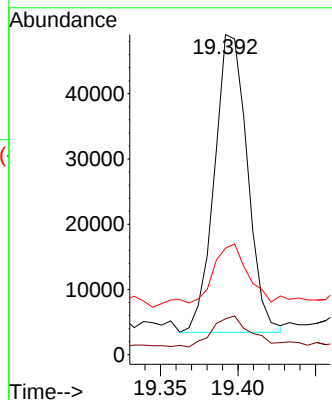
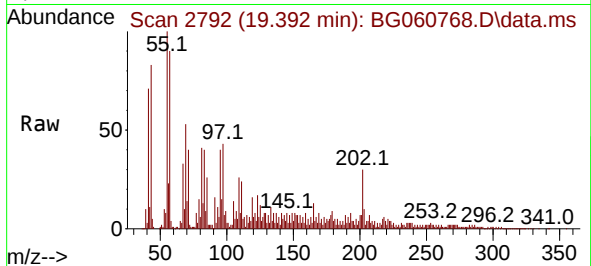
RB40858RT

Tgt Ion:202 Resp: 67369
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.8
203 33.3 0.0 37.4

Manual Integrations

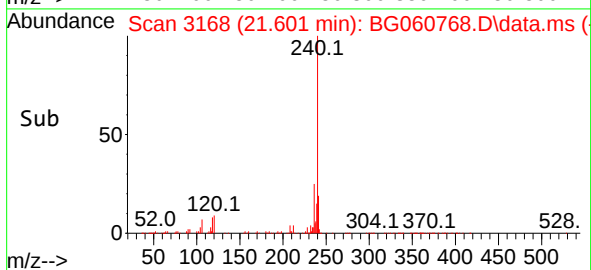
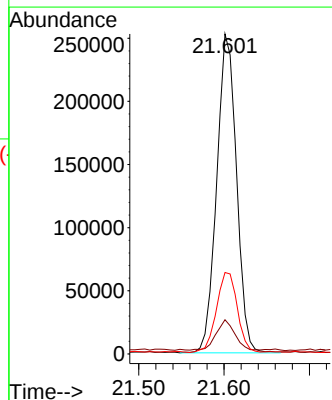
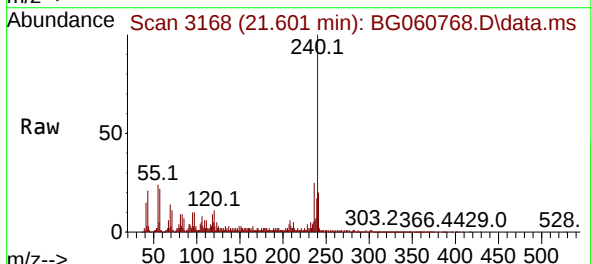
APPROVED

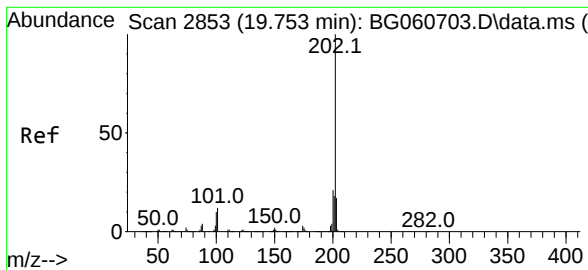
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

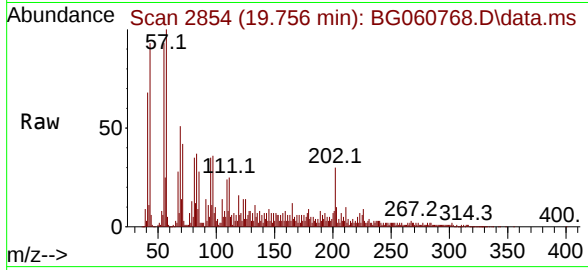
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Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 25.5 20.7 31.1





#78
 Pyrene
 Concen: 2.402 ng
 RT: 19.756 min Scan# 2854
 Delta R.T. 0.003 min
 Lab File: BG060768.D
 Acq: 3 Apr 2024 18:53

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RT

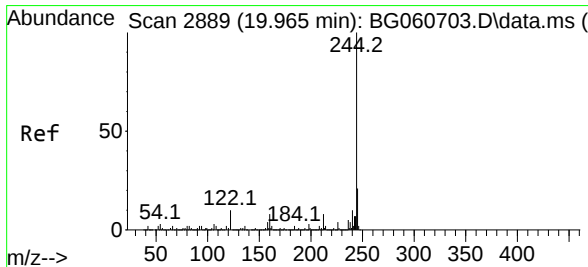
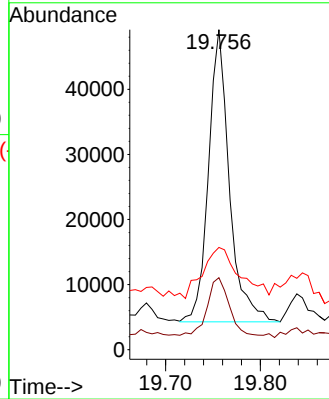
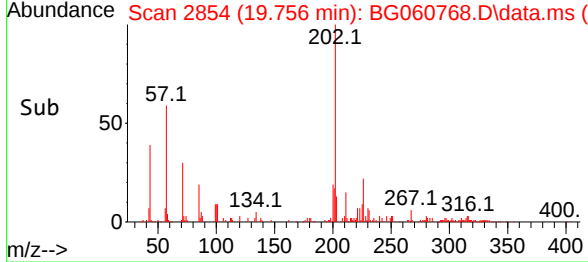


Tgt Ion:202 Resp: 68480

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.0	25.4
203	32.0	14.0	21.0

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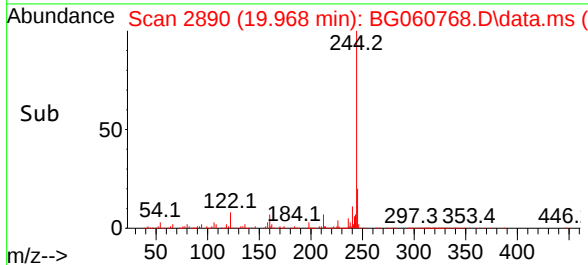
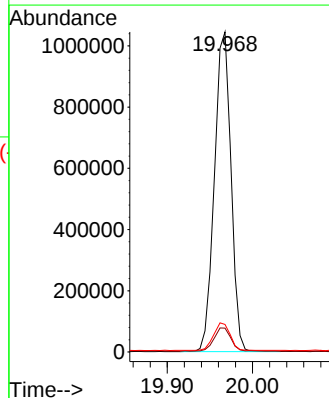
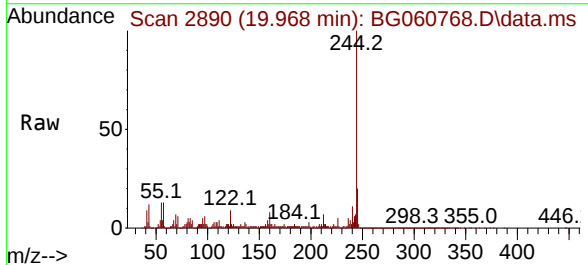
Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024

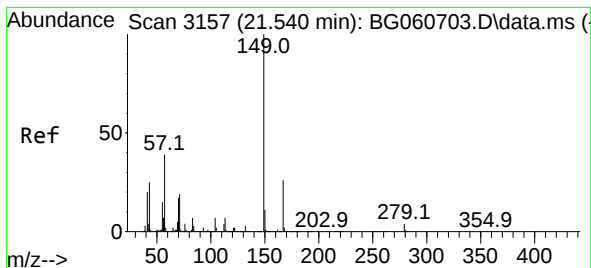


#79
 Terphenyl-d14
 Concen: 60.884 ng
 RT: 19.968 min Scan# 2890
 Delta R.T. 0.003 min
 Lab File: BG060768.D
 Acq: 3 Apr 2024 18:53

Tgt Ion:244 Resp: 1409275

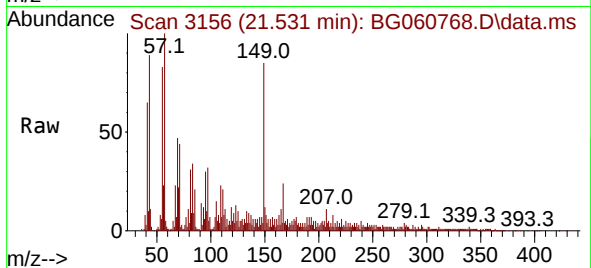
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.6	7.8	11.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.259 ng
RT: 21.531 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

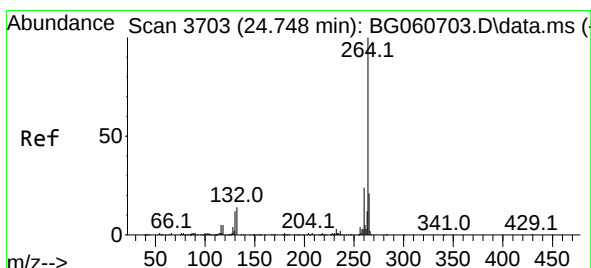
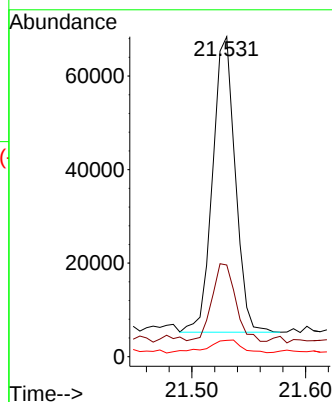
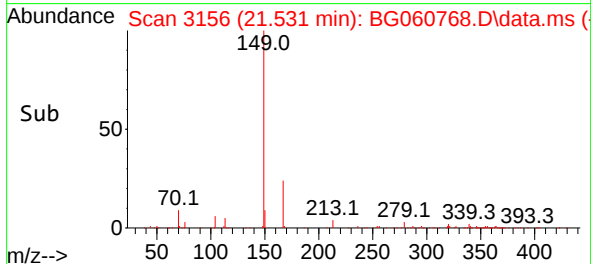
Instrument :
BNA_G
ClientSampleId :
RB40858RT



Tgt Ion:149 Resp: 8715
Ion Ratio Lower Upper
149 100
167 28.7 20.6 30.8
279 5.1 3.0 4.4

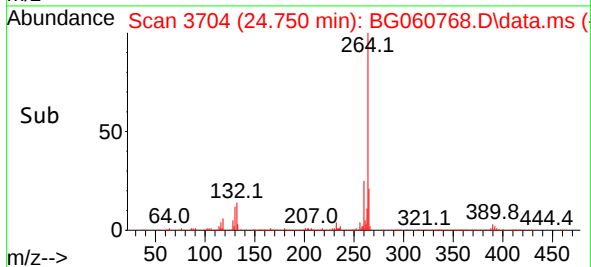
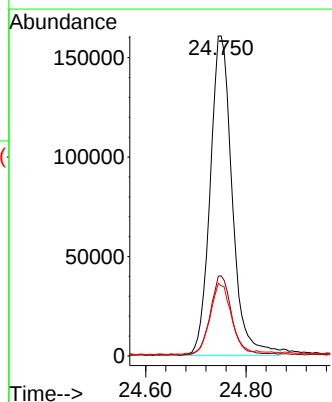
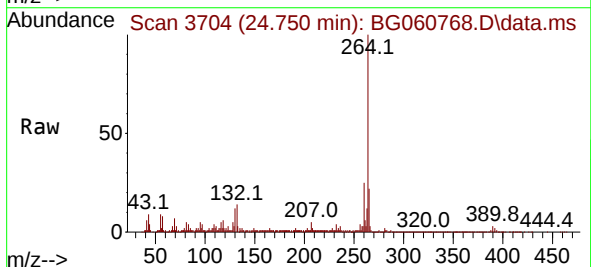
Manual Integrations
APPROVED

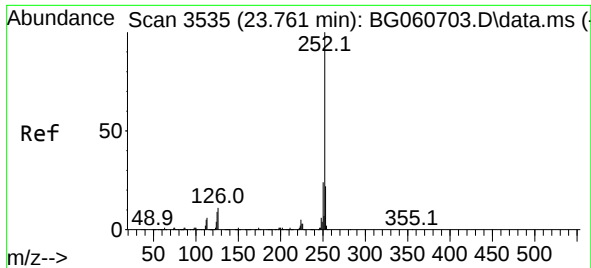
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.750 min Scan# 3704
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

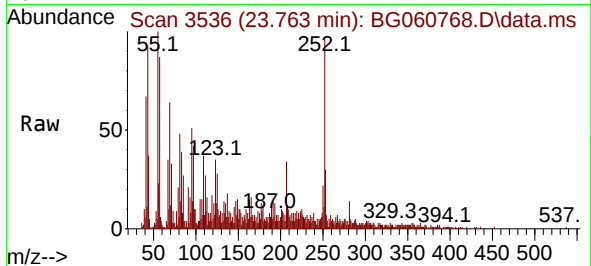
Tgt Ion:264 Resp: 489465
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 21.9 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.130 ng
RT: 23.763 min Scan# 3536
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :
BNA_G
ClientSampleId :
RB40858RT



Tgt Ion:252 Resp: 5990
Ion Ratio Lower Upper
252 100
253 31.4 17.8 26.8
125 29.0 7.1 10.7

Manual Integrations
APPROVED

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

