

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060752.D
 Acq On : 3 Apr 2024 00:50
 Operator : MA/JU
 Sample : P1879-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-01(0-2)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 02:29:20 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	7.953	152	75450	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	296391	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	211500	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	482902	20.000	ng	0.00
76) Chrysene-d12	21.596	240	456623	20.000	ng	0.00
86) Perylene-d12	24.733	264	542031	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	349411	77.148	ng	0.00
7) Phenol-d6	7.113	99	468929	69.751	ng	0.00
23) Nitrobenzene-d5	9.104	82	286715	55.199	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	223330	93.021	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	701329	48.666	ng	0.00
79) Terphenyl-d14	19.956	244	1292177	49.829	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.371	178	92369	3.678	ng	98
75) Fluoranthene	19.381	202	162935	5.346	ng	100
78) Pyrene	19.745	202	197023	6.169	ng	98
80) Butylbenzylphthalate	20.656	149	115901	9.949	ng	97
81) Benzo(a)anthracene	21.572	228	107298	3.334	ng	94
83) Chrysene	21.637	228	111726	3.601	ng	97
84) Bis(2-ethylhexyl)phtha...	21.525	149	244889	13.189	ng	99
87) Indeno(1,2,3-cd)pyrene	28.294	276	83461m	2.187	ng	
88) Benzo(b)fluoranthene	23.740	252	137597	4.419	ng	98
90) Benzo(a)pyrene	24.580	252	105605	3.490	ng	# 97
92) Benzo(g,h,i)perylene	29.392	276	92455m	2.954	ng	

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

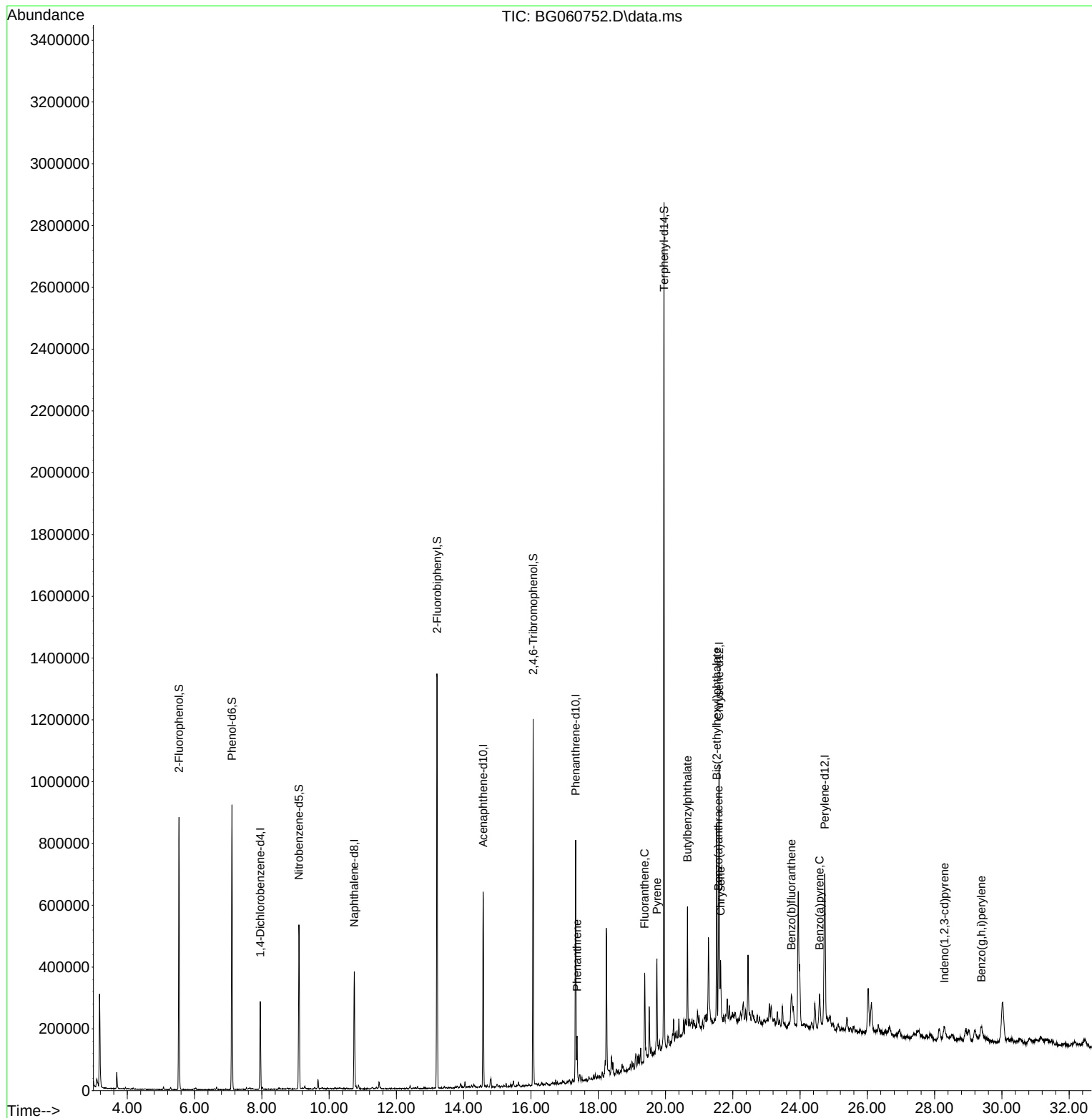
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060752.D
Acq On : 3 Apr 2024 00:50
Operator : MA/JU
Sample : P1879-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

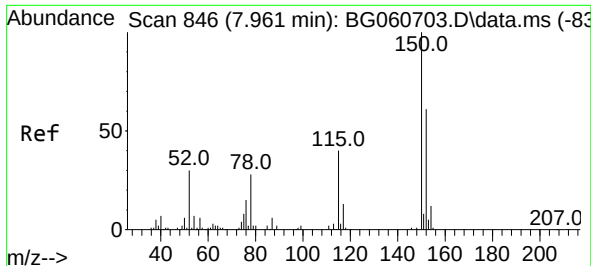
Instrument :
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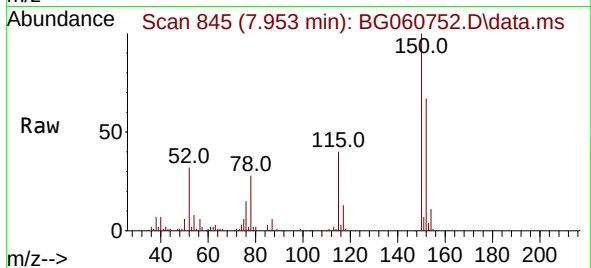
Quant Time: Apr 03 02:29:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

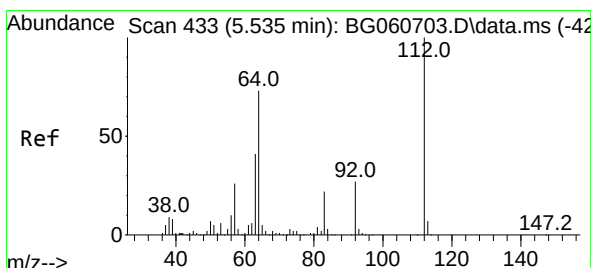
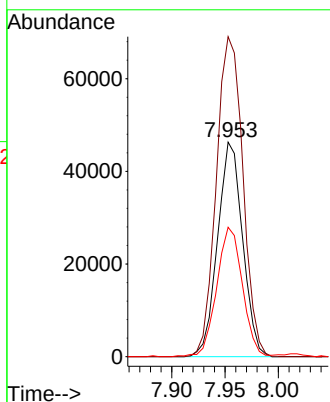
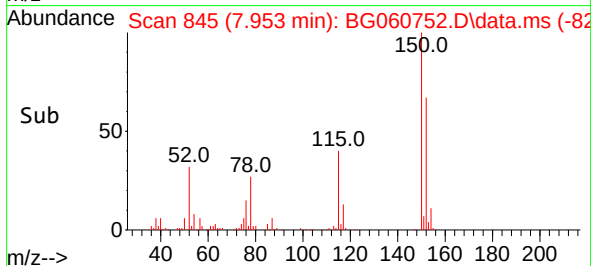
Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)



Tgt Ion:152 Resp: 75450
Ion Ratio Lower Upper
152 100
150 149.2 130.2 195.4
115 60.4 51.6 77.4

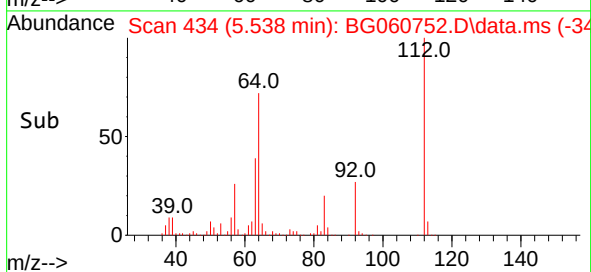
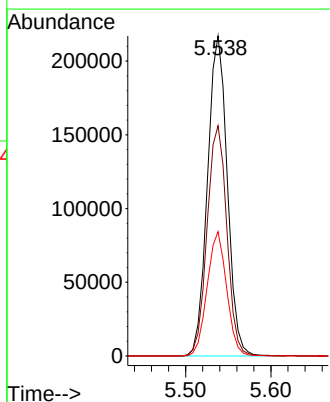
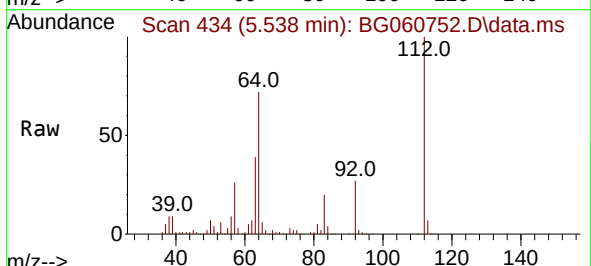
Manual Integrations
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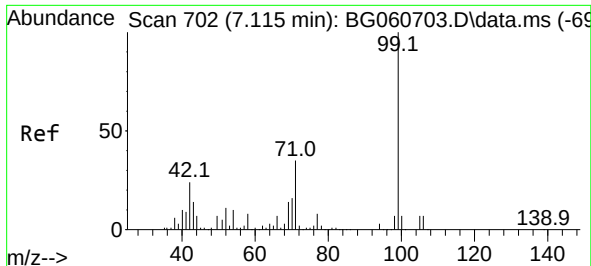
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#5
2-Fluorophenol
Concen: 77.148 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

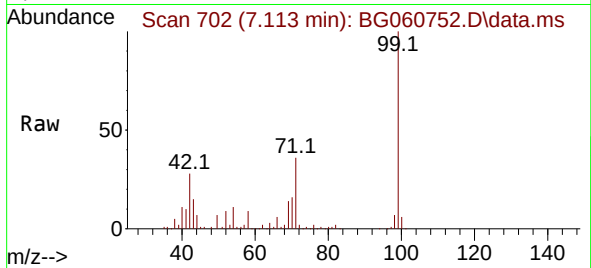
Tgt Ion:112 Resp: 349411
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 38.8 32.7 49.1





#7
Phenol-d6
Concen: 69.751 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

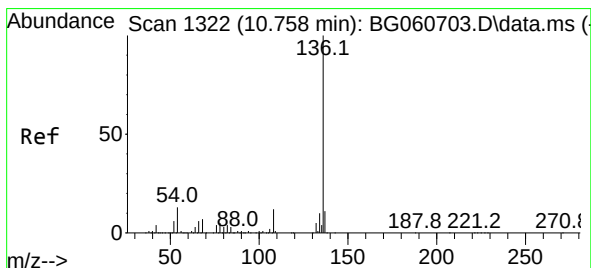
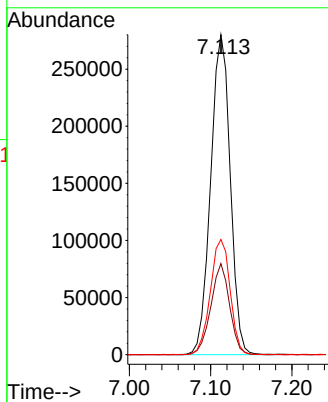
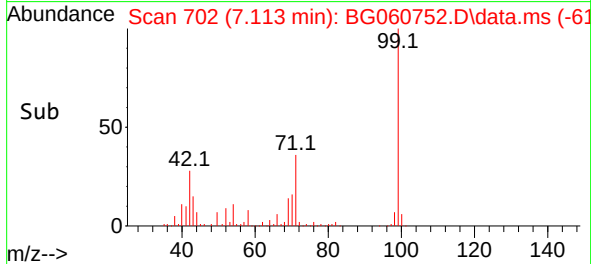
Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)



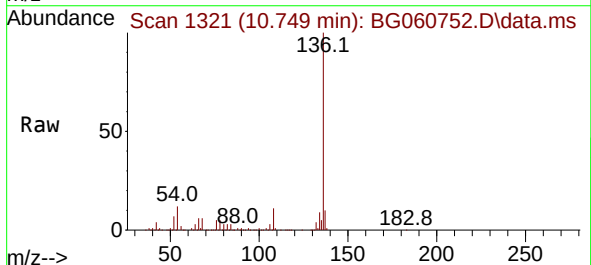
Tgt Ion: 99 Resp: 468929
Ion Ratio Lower Upper
99 100
42 28.4 19.4 29.2
71 36.0 28.2 42.2

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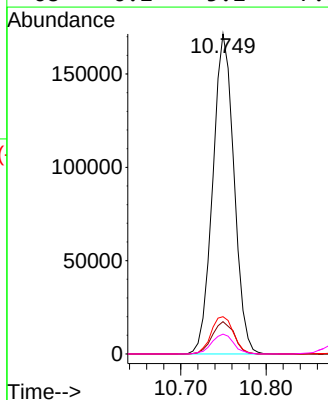
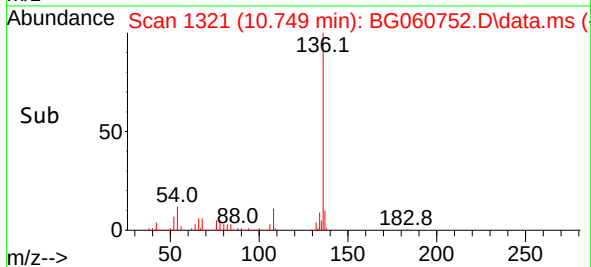
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

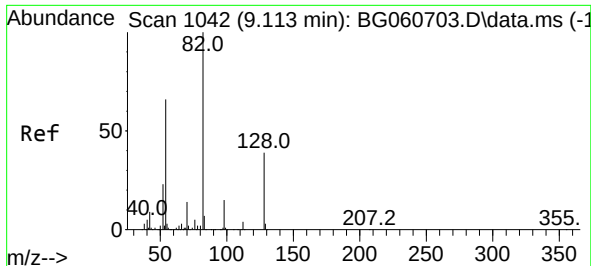


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50



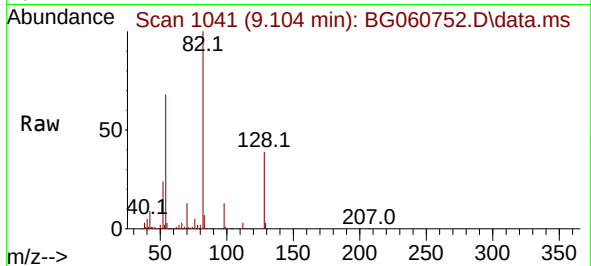
Tgt Ion:136 Resp: 296391
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 11.7 10.2 15.2
68 6.2 5.2 7.8





#23
Nitrobenzene-d5
Concen: 55.199 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

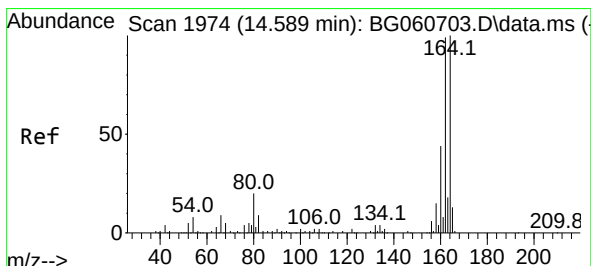
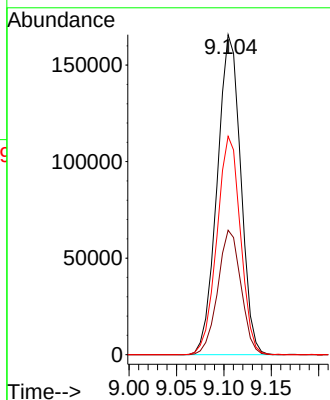
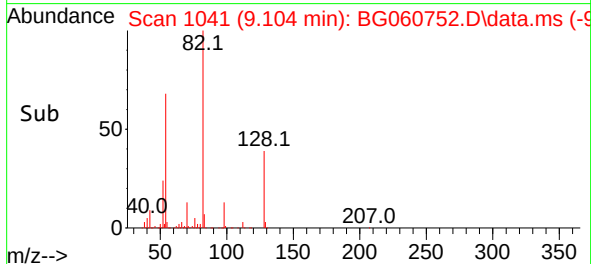
Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)



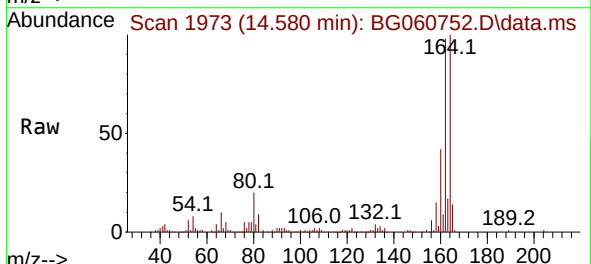
Tgt Ion: 82 Resp: 286715
Ion Ratio Lower Upper
82 100
128 38.9 31.2 46.8
54 68.2 53.2 79.8

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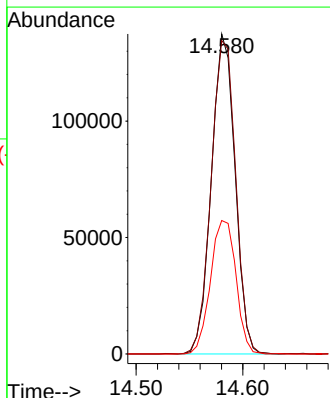
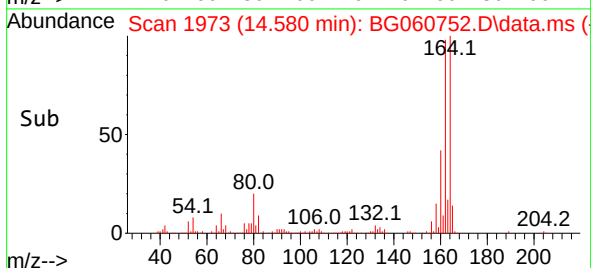
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

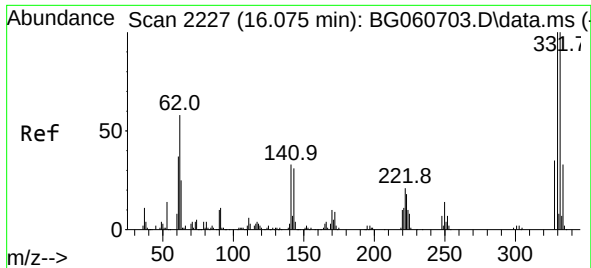


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50



Tgt Ion:164 Resp: 211500
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 41.7 35.4 53.0





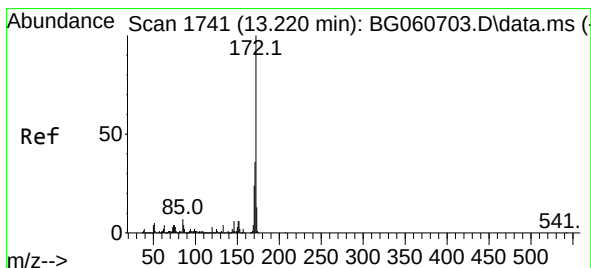
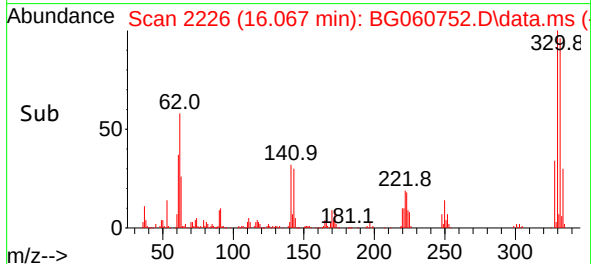
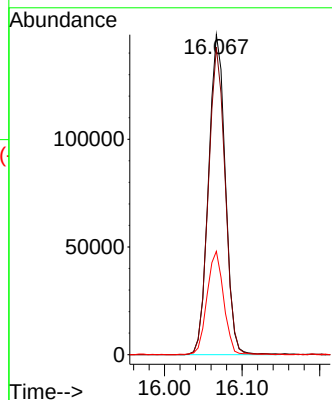
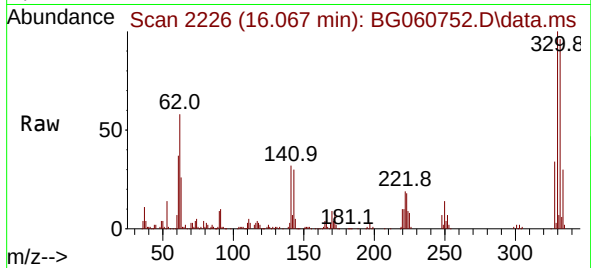
#42
2,4,6-Tribromophenol
Concen: 93.021 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)

Tgt Ion:330 Resp: 223330
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 32.2 27.0 40.6

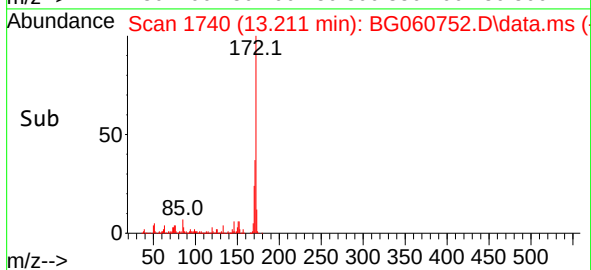
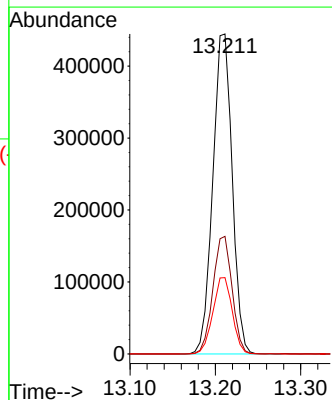
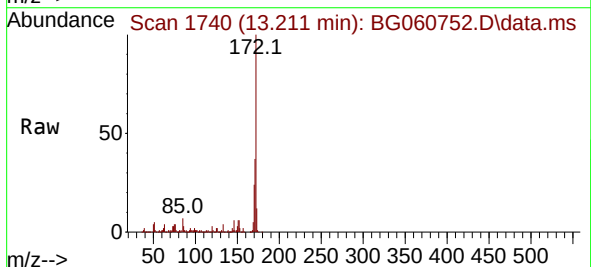
Manual Integrations
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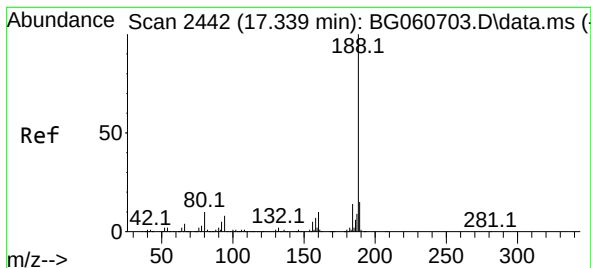
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#45
2-Fluorobiphenyl
Concen: 48.666 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Tgt Ion:172 Resp: 701329
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 19.4 29.0





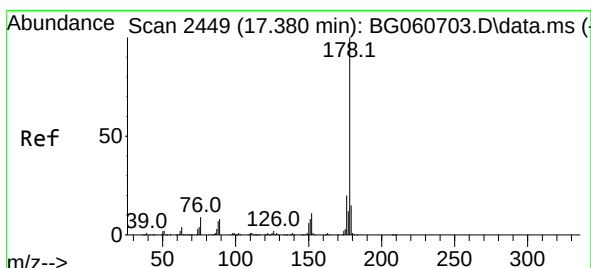
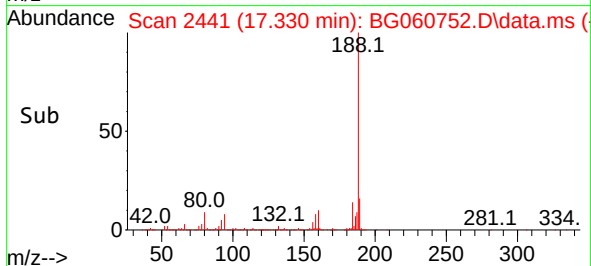
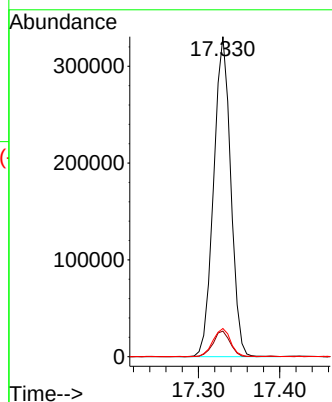
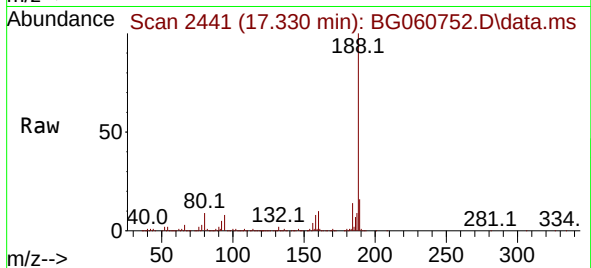
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)

Tgt Ion:188 Resp: 482902
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 8.8 7.6 11.4

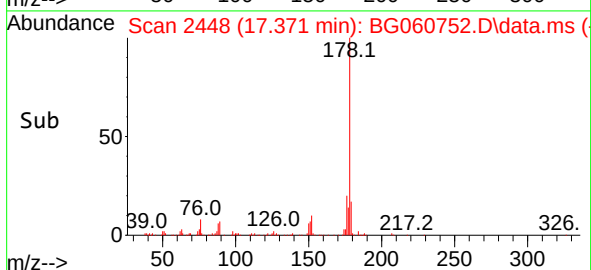
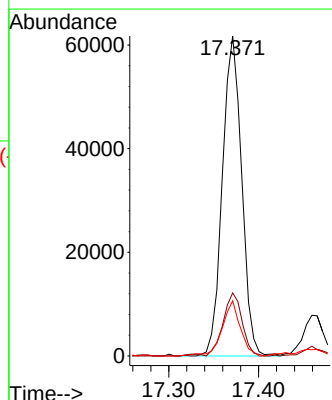
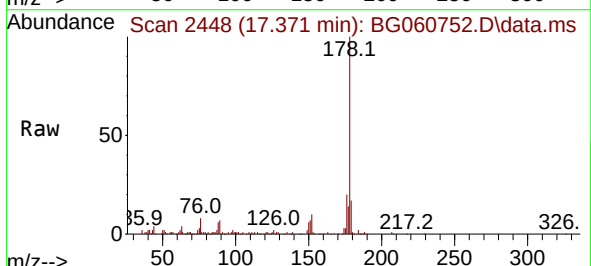
Manual Integrations
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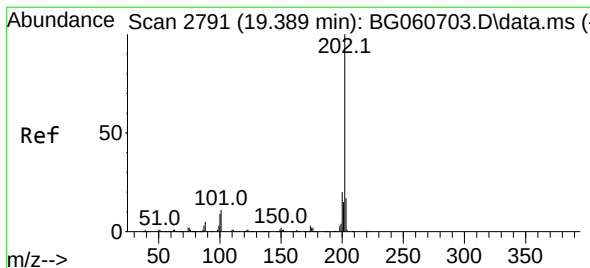
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#71
Phenanthrene
Concen: 3.678 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Tgt Ion:178 Resp: 92369
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 17.2 12.2 18.4





#75

Fluoranthene

Concen: 5.346 ng

RT: 19.381 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Instrument :

BNA_G

ClientSampleId :

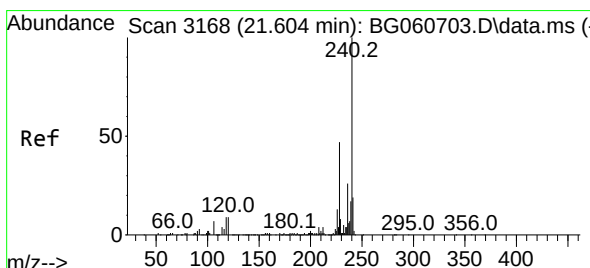
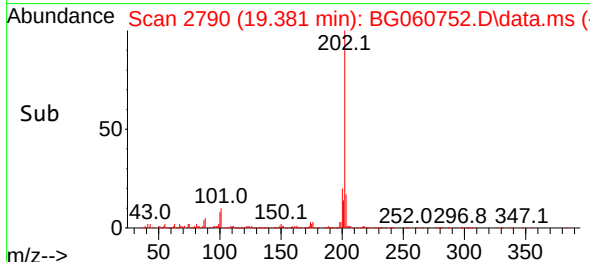
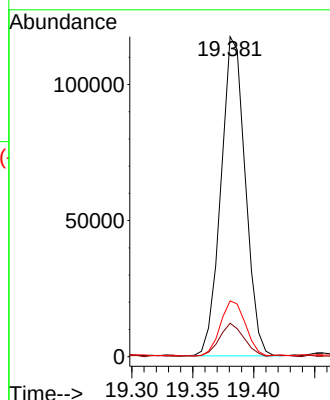
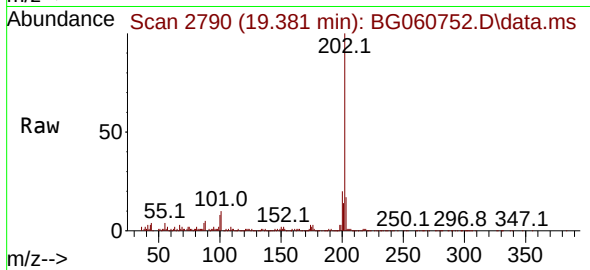
EB-01(0-2)

Tgt Ion:	202	Resp:	16293
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.8
203	17.4	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

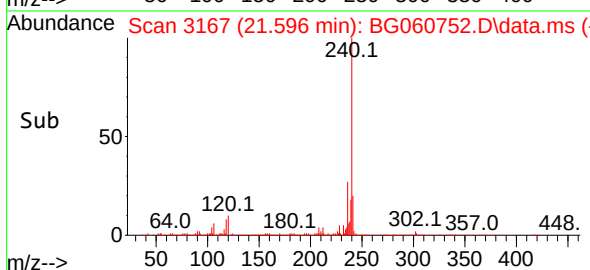
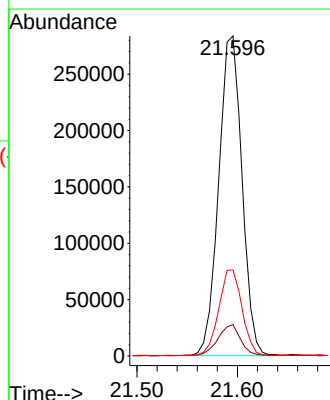
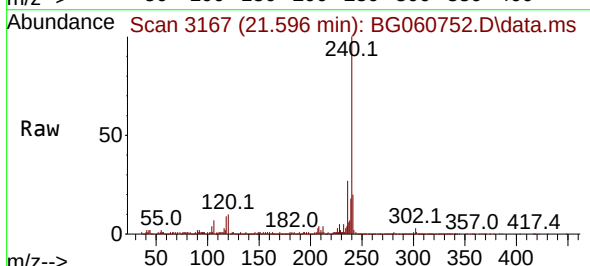
RT: 21.596 min Scan# 3167

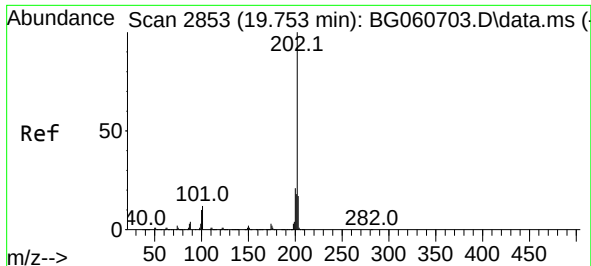
Delta R.T. -0.009 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

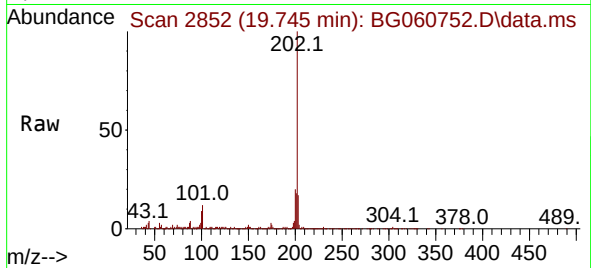
Tgt Ion:	240	Resp:	456623
Ion Ratio	Lower	Upper	
240	100		
120	9.8	7.1	10.7
236	26.9	20.7	31.1





#78
Pyrene
Concen: 6.169 ng
RT: 19.745 min Scan# 2852
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

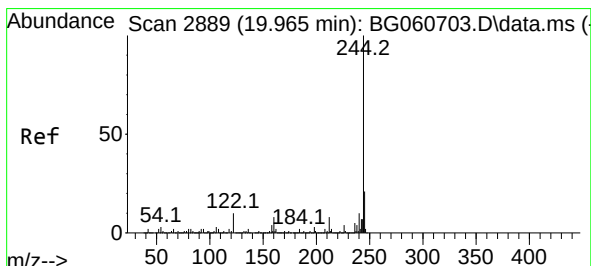
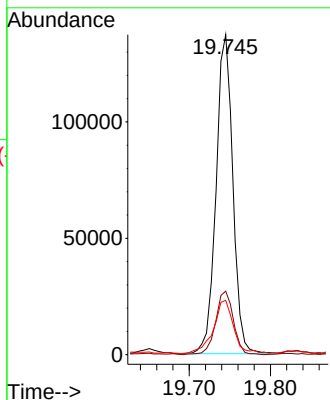
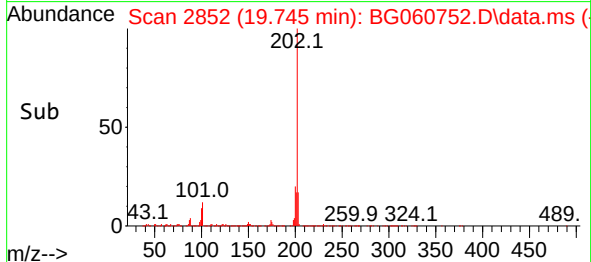
Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)



Tgt Ion:202 Resp: 197023
Ion Ratio Lower Upper
202 100
200 19.9 17.0 25.4
203 17.0 14.0 21.0

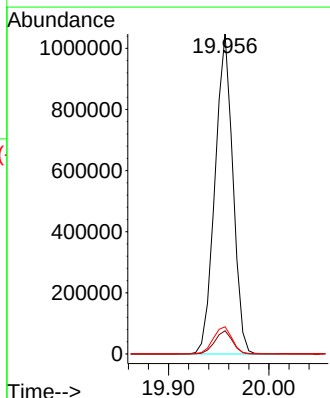
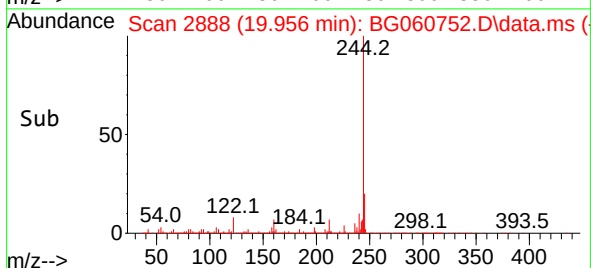
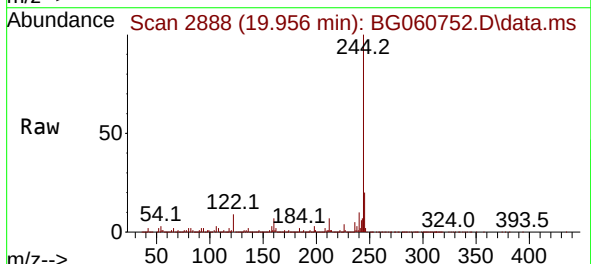
Manual Integrations
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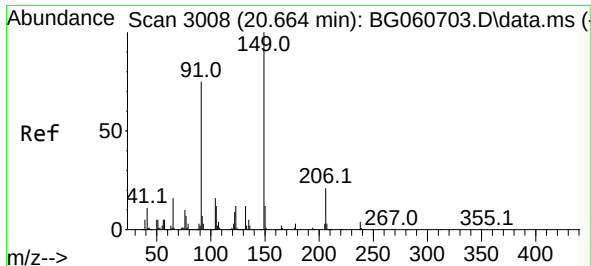
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#79
Terphenyl-d14
Concen: 49.829 ng
RT: 19.956 min Scan# 2888
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Tgt Ion:244 Resp: 1292177
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.5 7.8 11.8





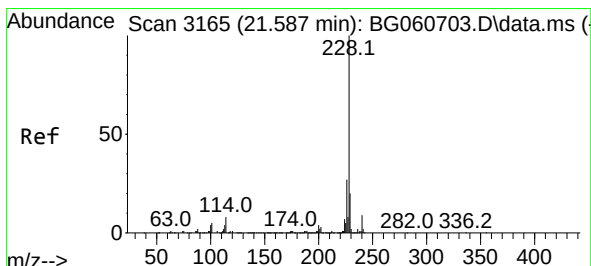
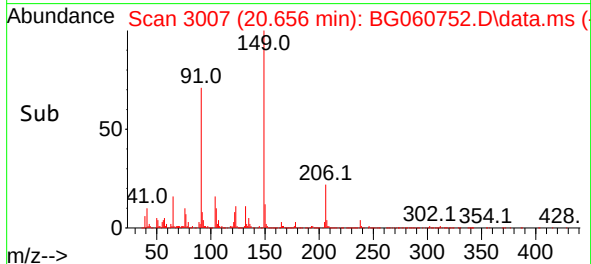
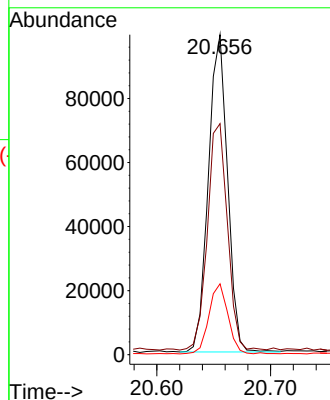
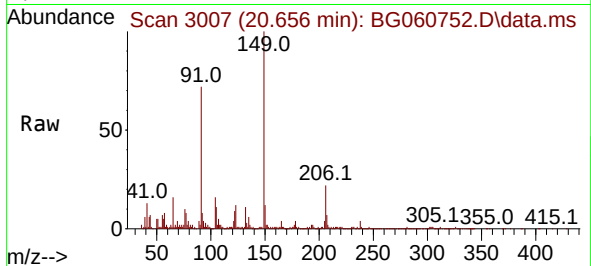
#80
Butylbenzylphthalate
Concen: 9.949 ng
RT: 20.656 min Scan# 3007
Delta R.T. -0.009 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Instrument :
BNA_G
ClientSampleId :
EB-01(0-2)

Tgt Ion:149 Resp: 11590
Ion Ratio Lower Upper
149 100
91 72.2 60.1 90.1
206 22.2 16.8 25.2

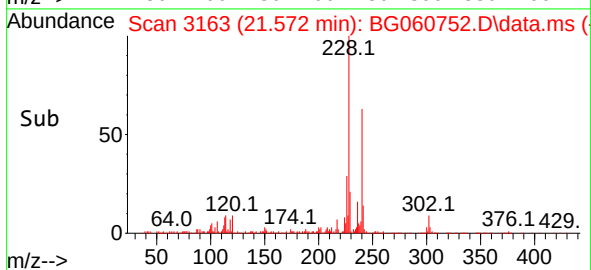
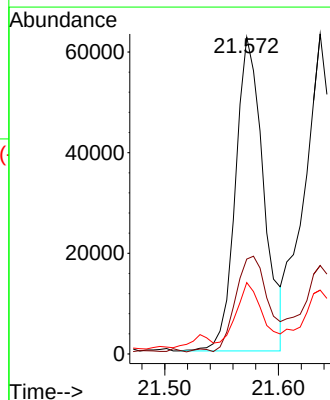
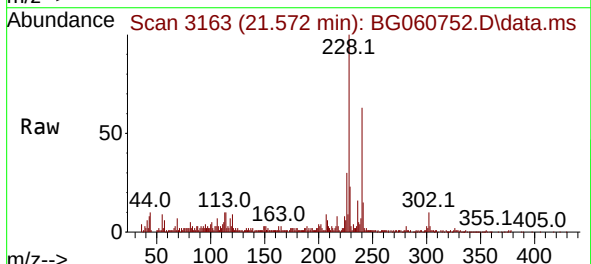
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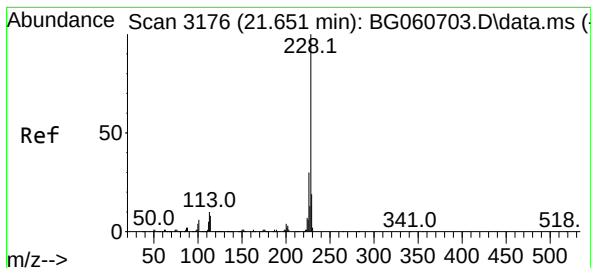
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#81
Benzo(a)anthracene
Concen: 3.334 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.015 min
Lab File: BG060752.D
Acq: 3 Apr 2024 00:50

Tgt Ion:228 Resp: 107298
Ion Ratio Lower Upper
228 100
226 29.9 21.7 32.5
229 22.5 15.8 23.8





#83

Chrysene

Concen: 3.601 ng

RT: 21.637 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Instrument :

BNA_G

ClientSampleId :

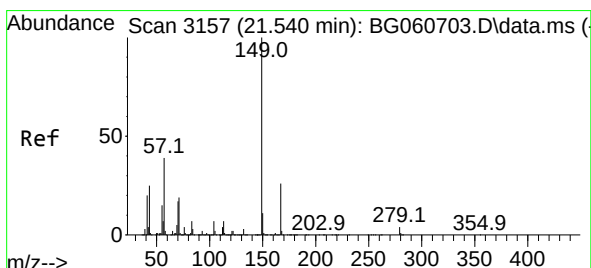
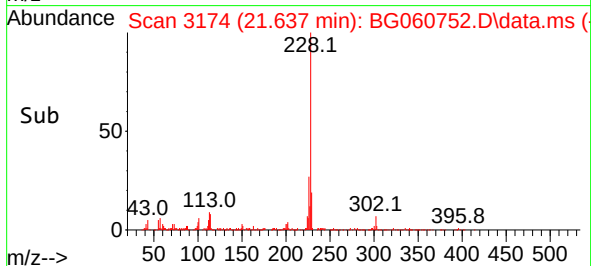
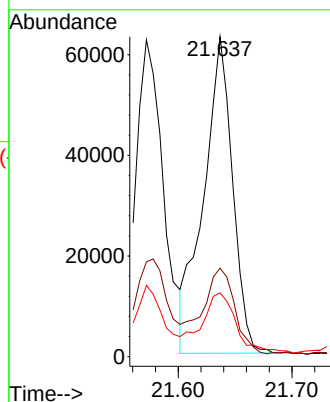
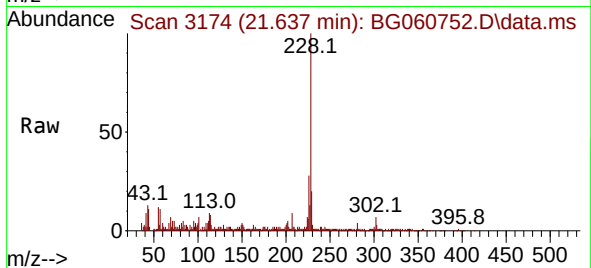
EB-01(0-2)

Tgt Ion:228	Resp: 111720
Ion Ratio	Lower Upper
228 100	
226 27.7	24.2 36.4
229 20.0	15.5 23.3

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Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.189 ng

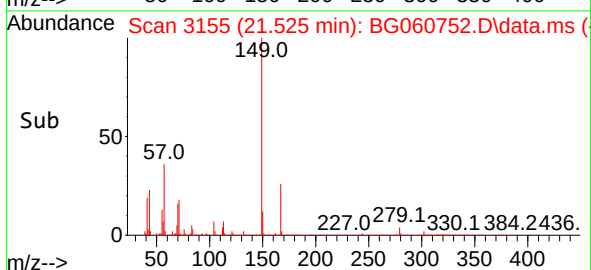
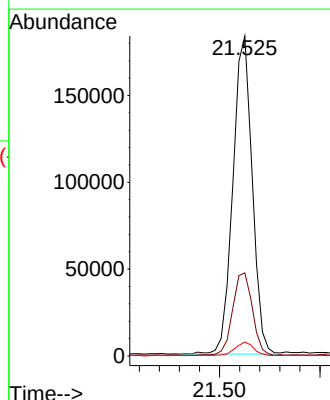
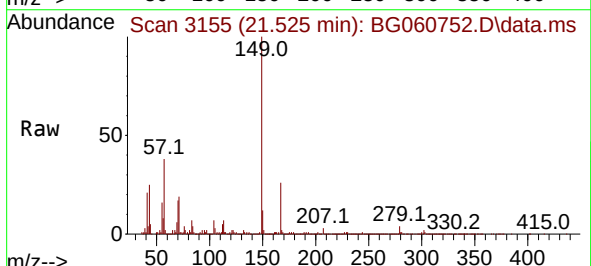
RT: 21.525 min Scan# 3155

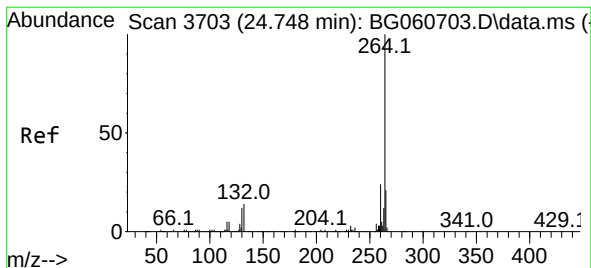
Delta R.T. -0.015 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Tgt Ion:149	Resp: 244889
Ion Ratio	Lower Upper
149 100	
167 25.9	20.6 30.8
279 4.3	3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.733 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Instrument :

BNA_G

ClientSampleId :

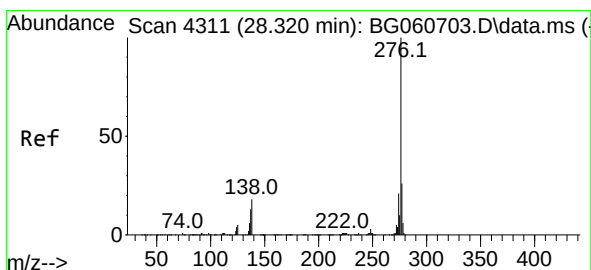
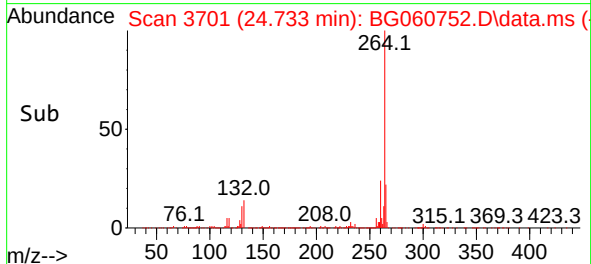
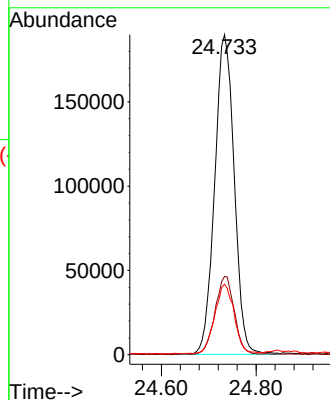
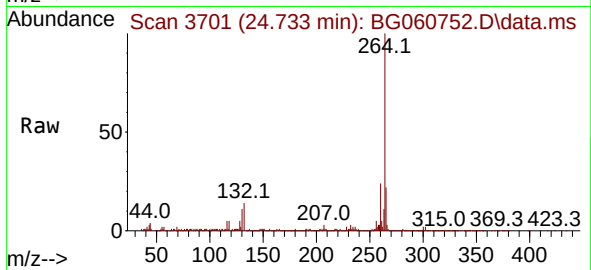
EB-01(0-2)

Tgt Ion:	264	Resp:	54203
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.1	16.9	25.3

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Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.187 ng m

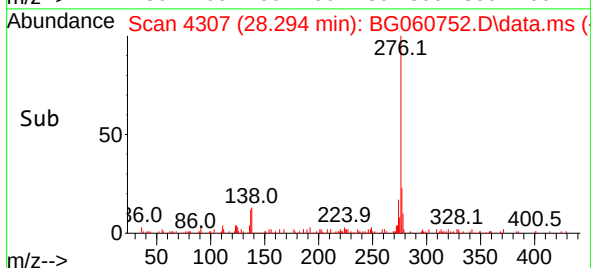
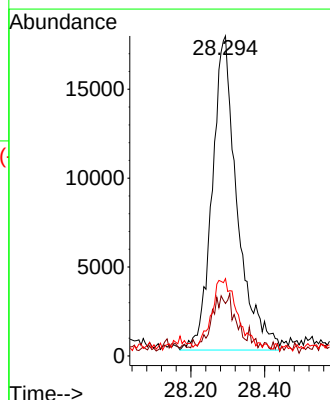
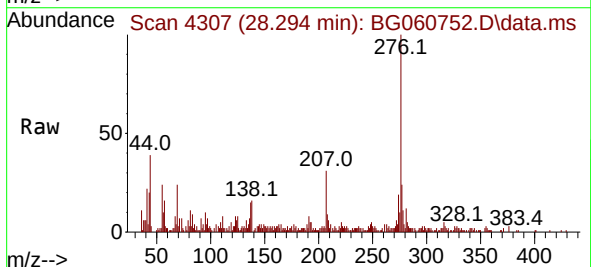
RT: 28.294 min Scan# 4307

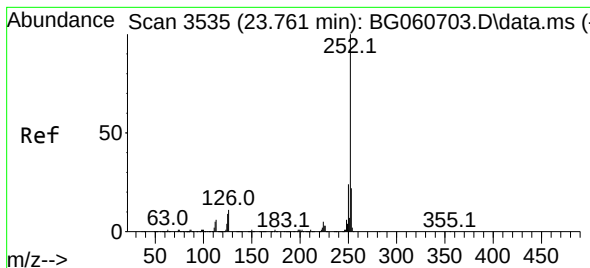
Delta R.T. -0.026 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Tgt Ion:	276	Resp:	83461
Ion Ratio	Lower	Upper	
276	100		
138	15.9	12.4	18.6
277	22.0	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 4.419 ng

RT: 23.740 min Scan# 3

Delta R.T. -0.020 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

Instrument :

BNA_G

ClientSampleId :

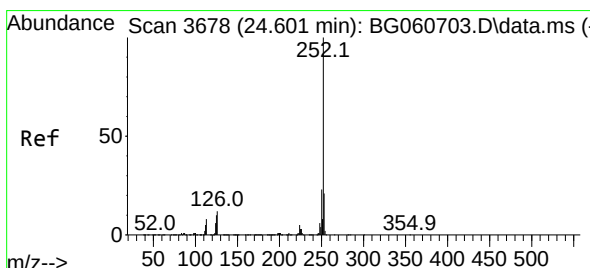
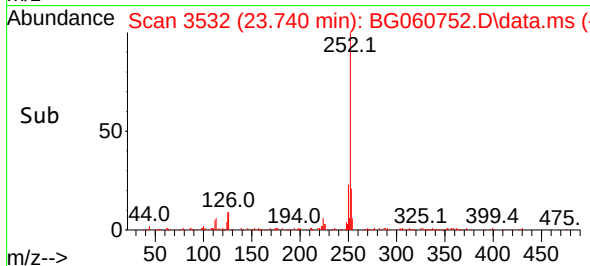
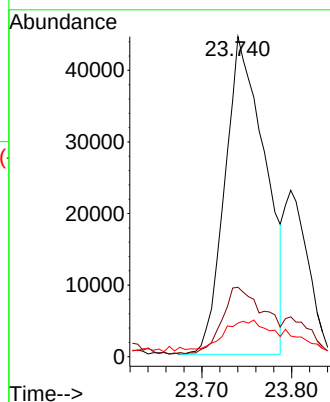
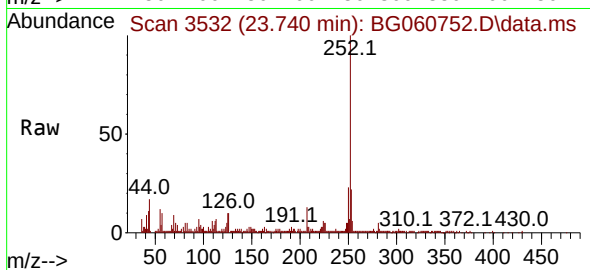
EB-01(0-2)

Tgt Ion:252 Resp: 13759
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 10.5 7.1 10.7

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Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024



#90

Benzo(a)pyrene

Concen: 3.490 ng

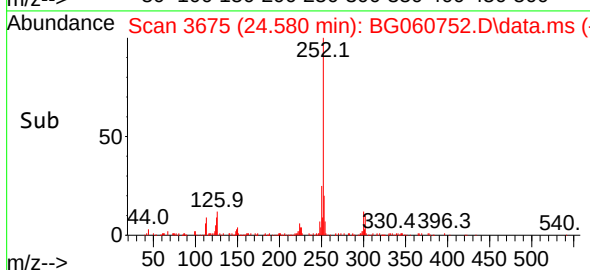
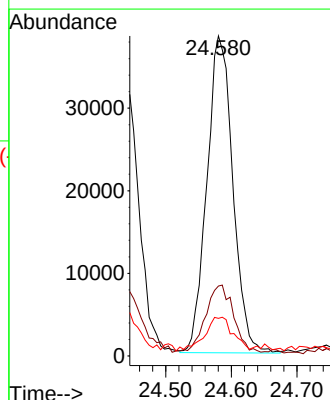
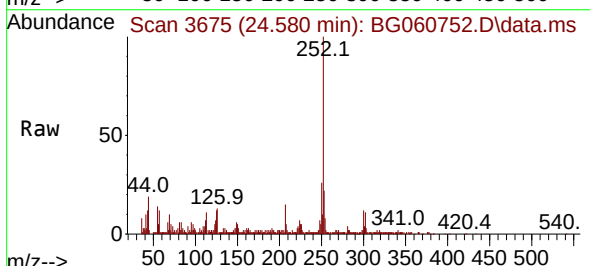
RT: 24.580 min Scan# 3675

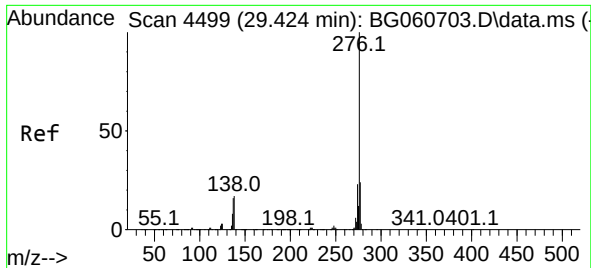
Delta R.T. -0.020 min

Lab File: BG060752.D

Acq: 3 Apr 2024 00:50

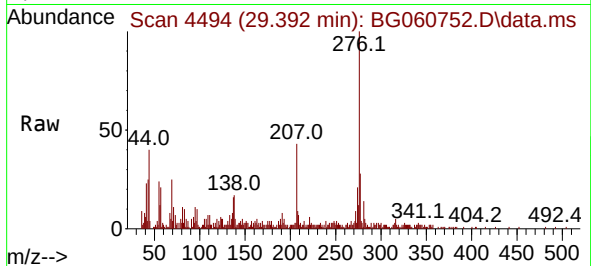
Tgt Ion:252 Resp: 105605
 Ion Ratio Lower Upper
 252 100
 253 21.9 16.8 25.2
 125 11.8 7.6 11.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.954 ng m
 RT: 29.392 min Scan# 4494
 Delta R.T. -0.032 min
 Lab File: BG060752.D
 Acq: 3 Apr 2024 00:50

Instrument :
 BNA_G
 ClientSampleId :
 EB-01(0-2)



Tgt Ion: 276 Resp: 9245
 Ion Ratio Lower Upper
 276 100
 277 28.0 18.9 28.3
 138 17.2 14.0 21.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

