

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060750.D
 Acq On : 2 Apr 2024 23:29
 Operator : MA/JU
 Sample : P1879-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-04(0-2)

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 00:45:52 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	7.954	152	68299	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	275422	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	208806	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	479984	20.000	ng	0.00
76) Chrysene-d12	21.591	240	446130	20.000	ng	-0.01
86) Perylene-d12	24.729	264	526678	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	447763	109.214	ng	0.00
7) Phenol-d6	7.114	99	620772	102.004	ng	0.00
23) Nitrobenzene-d5	9.106	82	368153	76.273	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	308901	130.322	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	950158	66.784	ng	-0.01
79) Terphenyl-d14	19.958	244	1704757	67.285	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.798	128	47840	3.211	ng	99
37) 2-Methylnaphthalene	12.408	142	45549	4.158	ng	96
38) 1-Methylnaphthalene	12.625	142	49087m	4.744	ng	
49) Acenaphthylene	14.306	152	46162m	2.452	ng	
58) Fluorene	15.628	166	57571	3.847	ng	99
71) Phenanthrene	17.373	178	687212	27.529	ng	99
75) Fluoranthene	19.382	202	454172	14.994	ng	99
78) Pyrene	19.747	202	705447	22.610	ng	99
81) Benzo(a)anthracene	21.574	228	310047	9.859	ng	95
83) Chrysene	21.638	228	321554m	10.609	ng	
87) Indeno(1,2,3-cd)pyrene	28.284	276	180624	4.870	ng	97
88) Benzo(b)fluoranthene	23.742	252	278128m	9.192	ng	
89) Benzo(k)fluoranthene	23.801	252	100689m	3.251	ng	
90) Benzo(a)pyrene	24.582	252	255103	8.676	ng	98
92) Benzo(g,h,i)perylene	29.394	276	218550	7.186	ng	97

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

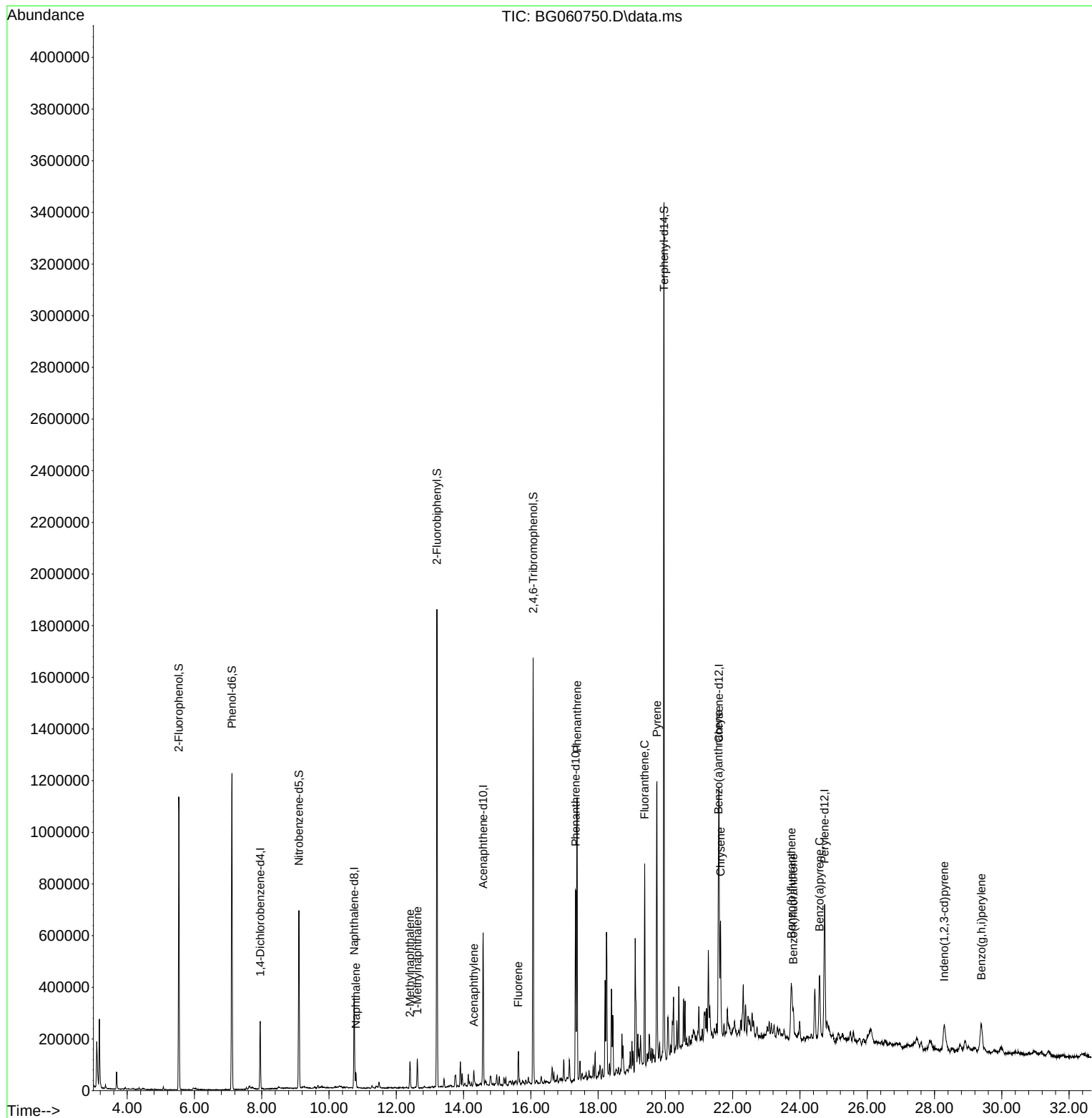
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060750.D
Acq On : 2 Apr 2024 23:29
Operator : MA/JU
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ALS Vial : 12 Sample Multiplier: 1

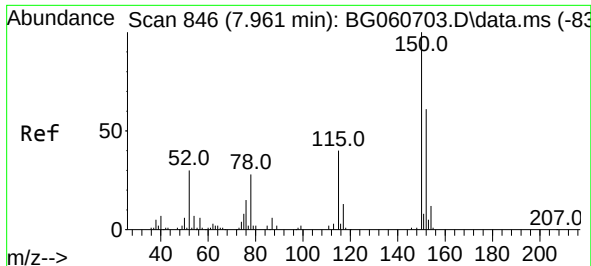
Instrument :
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EB-04(0-2)

Quant Time: Apr 03 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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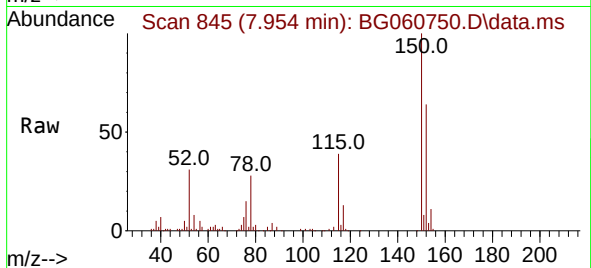
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

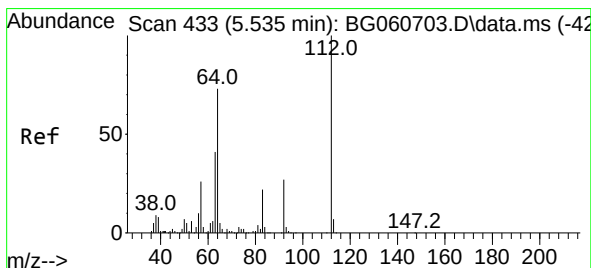
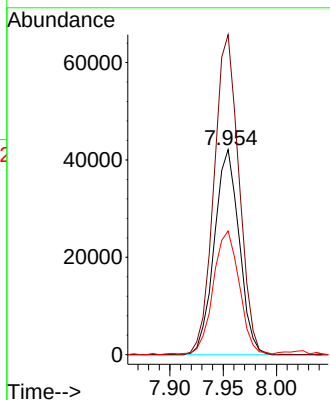
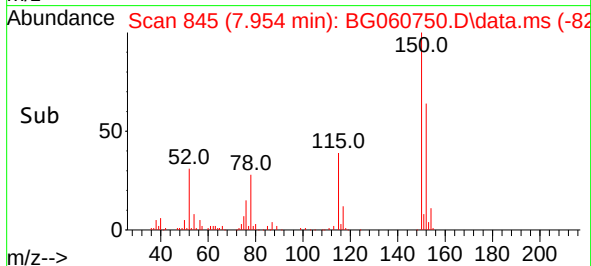
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



Tgt Ion:152 Resp: 68295
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.4
115 60.3 51.6 77.4

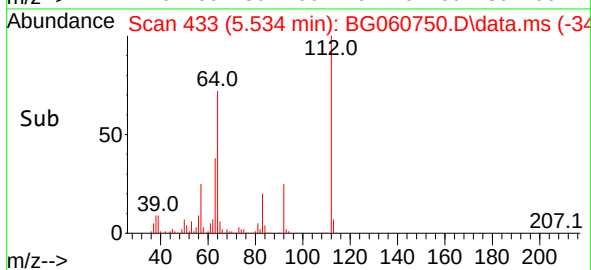
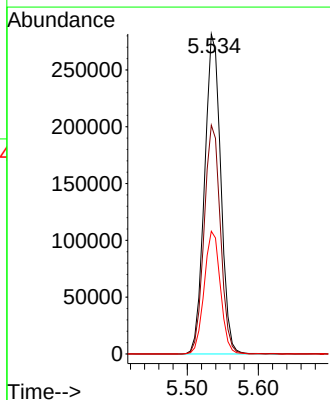
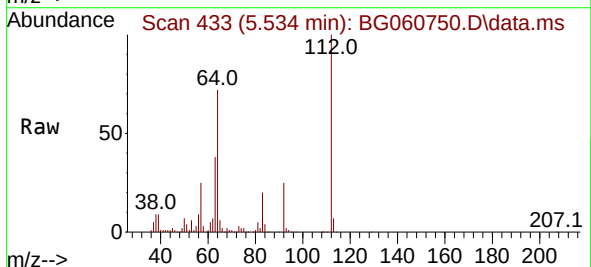
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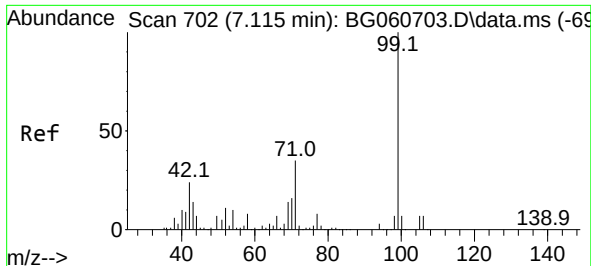
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#5
2-Fluorophenol
Concen: 109.214 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

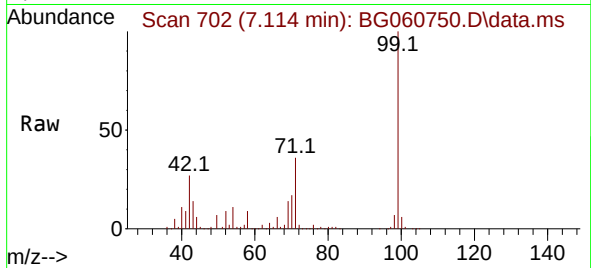
Tgt Ion:112 Resp: 447763
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 38.3 32.7 49.1





#7
Phenol-d6
Concen: 102.004 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

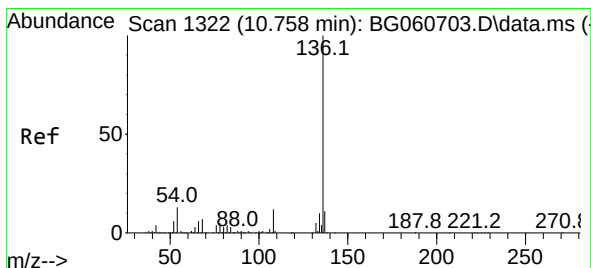
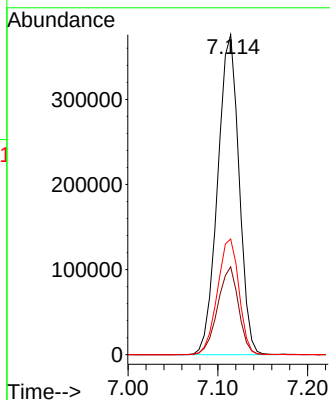
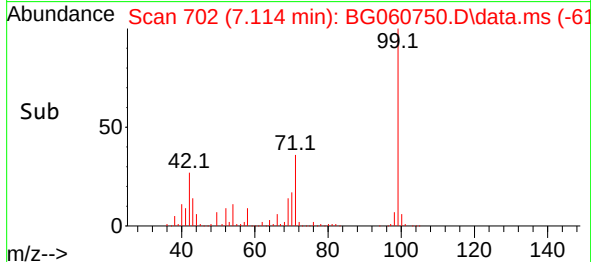
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



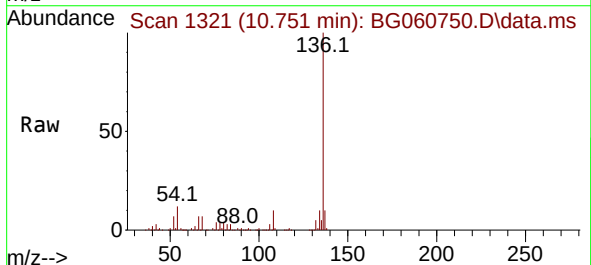
Tgt Ion: 99 Resp: 620772
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 36.2 28.2 42.2

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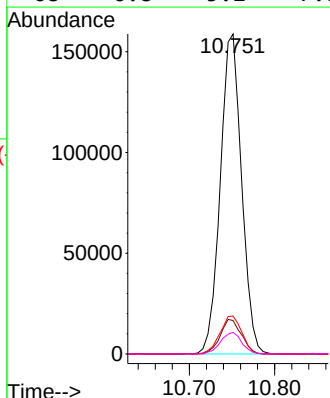
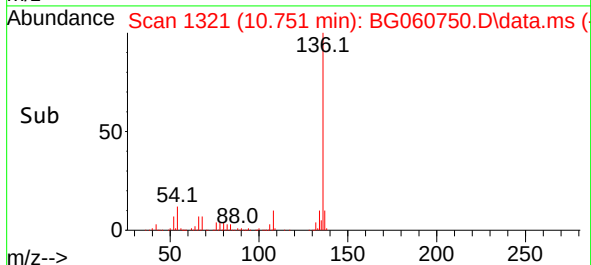
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

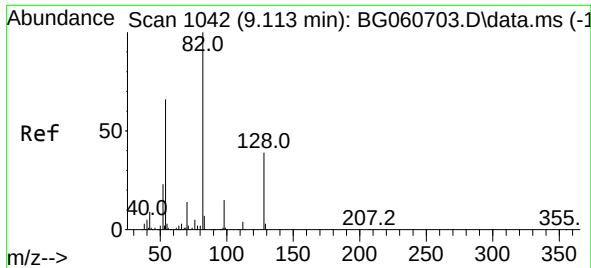


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1321
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29



Tgt Ion:136 Resp: 275422
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 11.9 10.2 15.2
68 6.8 5.2 7.8





#23
Nitrobenzene-d5
Concen: 76.273 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

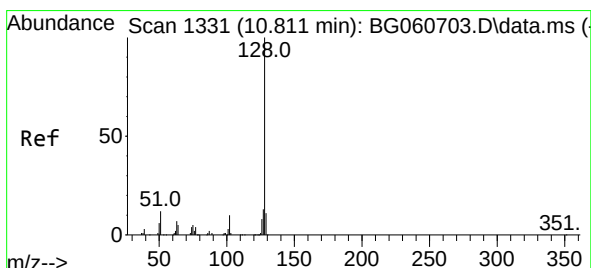
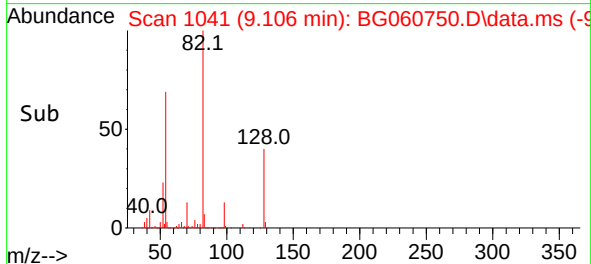
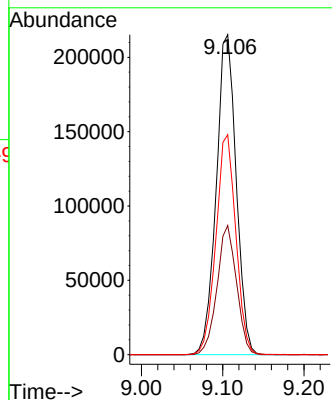
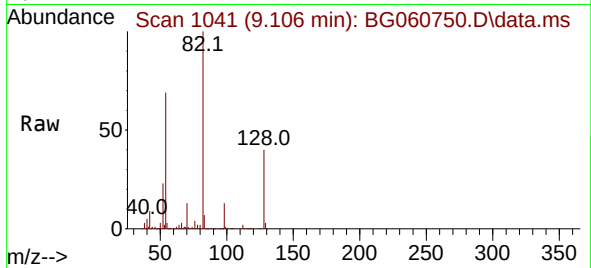
EB-04(0-2)

Tgt Ion: 82 Resp: 36815
Ion Ratio Lower Upper
82 100
128 40.4 31.2 46.8
54 68.7 53.2 79.8

Manual Integrations

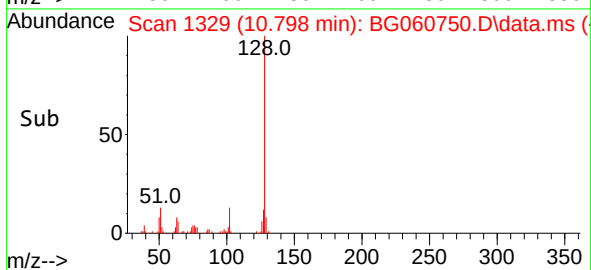
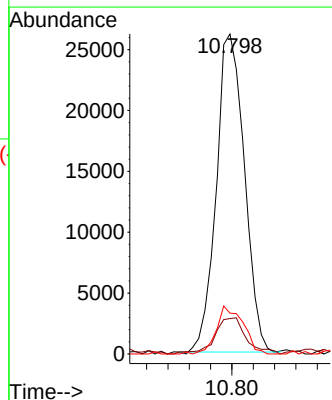
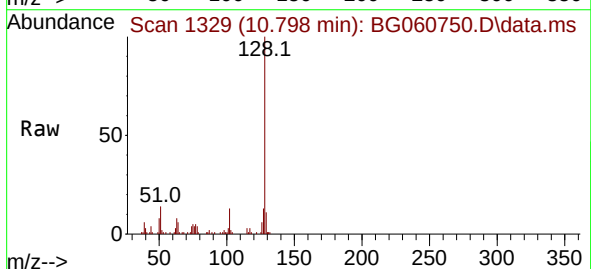
APPROVED

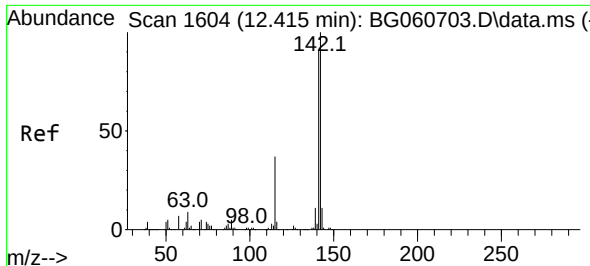
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#31
Naphthalene
Concen: 3.211 ng
RT: 10.798 min Scan# 1329
Delta R.T. -0.013 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

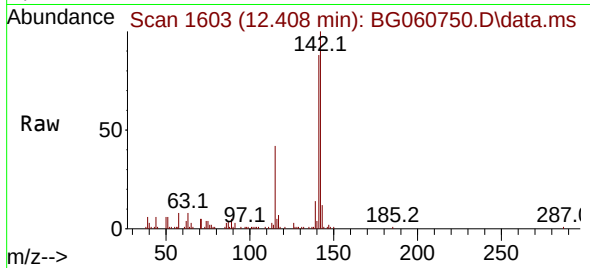
Tgt Ion:128 Resp: 47840
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.7 10.5 15.7





#37
2-Methylnaphthalene
Concen: 4.158 ng
RT: 12.408 min Scan# 1603
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

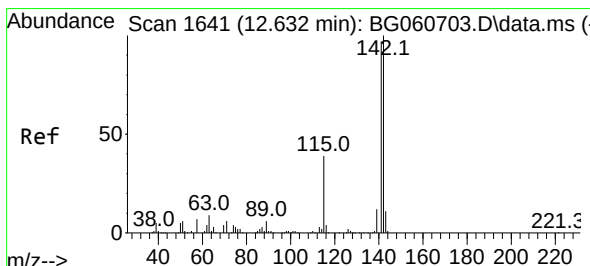
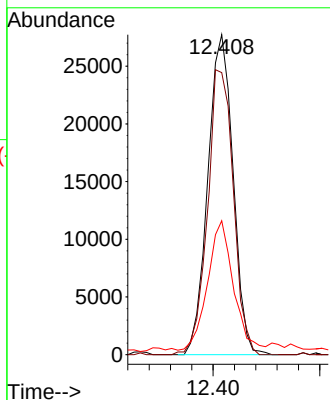
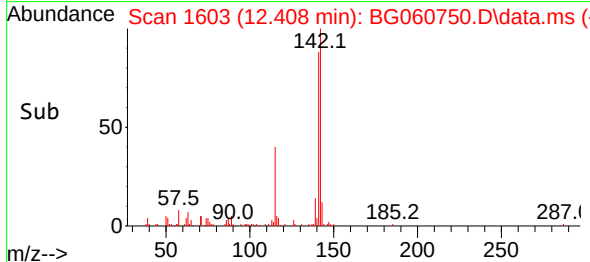
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



Tgt Ion:142 Resp: 45549
Ion Ratio Lower Upper
142 100
141 88.2 72.7 109.1
115 41.8 29.9 44.9

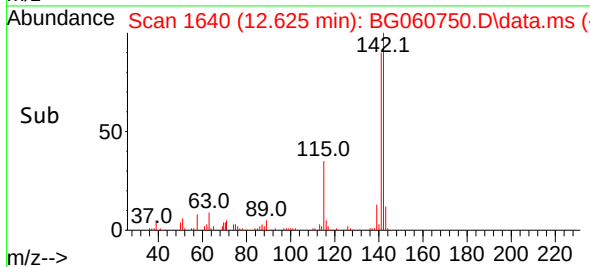
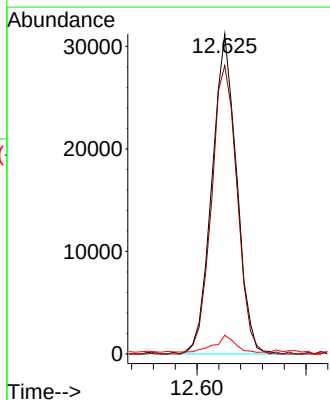
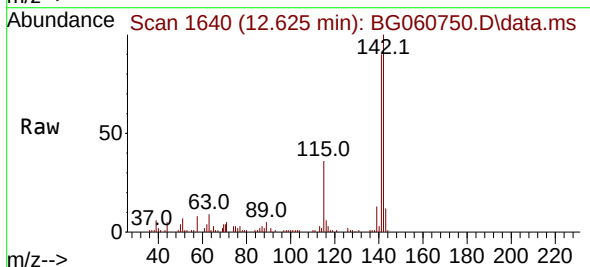
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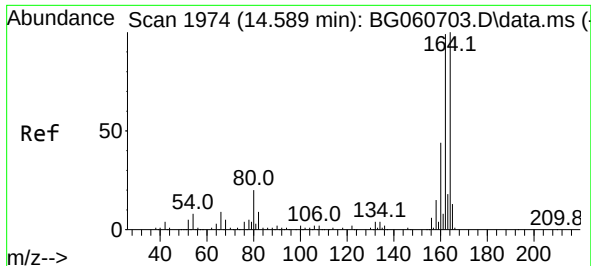
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#38
1-Methylnaphthalene
Concen: 4.744 ng m
RT: 12.625 min Scan# 1640
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

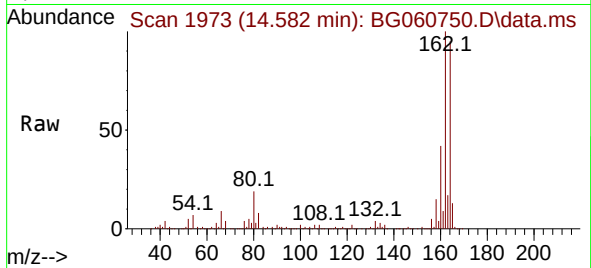
Tgt Ion:142 Resp: 49087
Ion Ratio Lower Upper
142 100
141 90.1 77.7 116.5
116 5.9 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

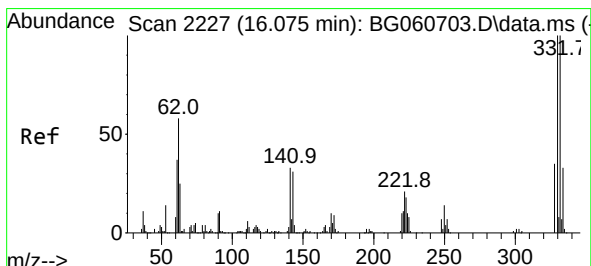
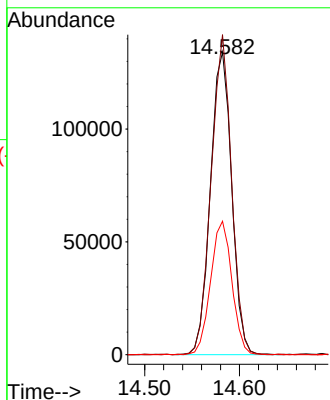
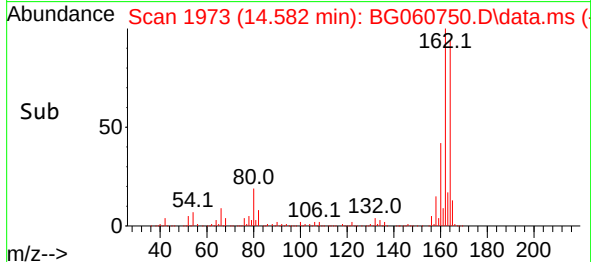
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



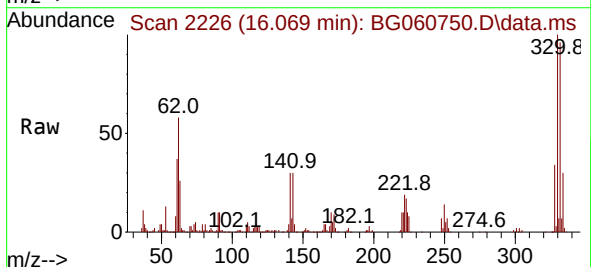
Tgt Ion:164 Resp: 208800
Ion Ratio Lower Upper
164 100
162 105.7 79.5 119.3
160 44.1 35.4 53.0

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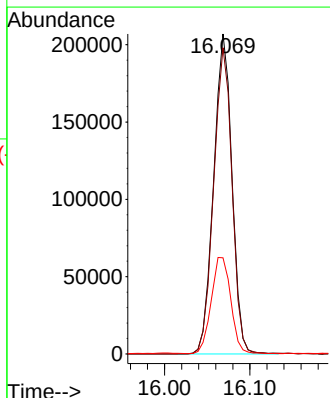
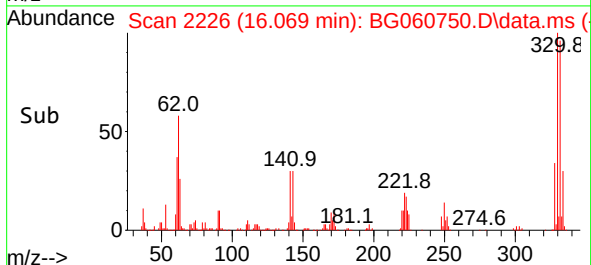
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

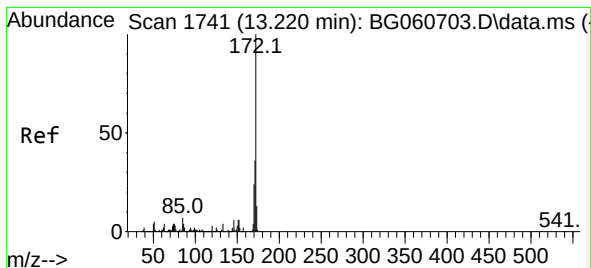


#42
2,4,6-Tribromophenol
Concen: 130.322 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29



Tgt Ion:330 Resp: 308901
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 32.0 27.0 40.6





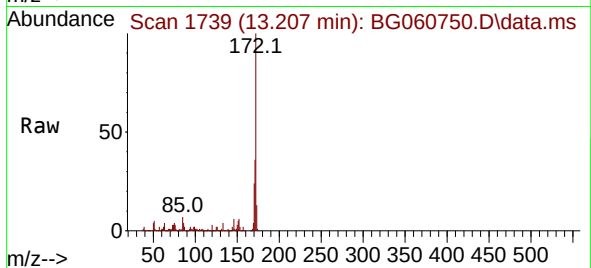
#45
2-Fluorobiphenyl
Concen: 66.784 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

EB-04(0-2)

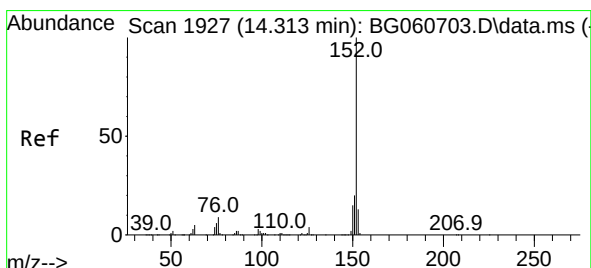
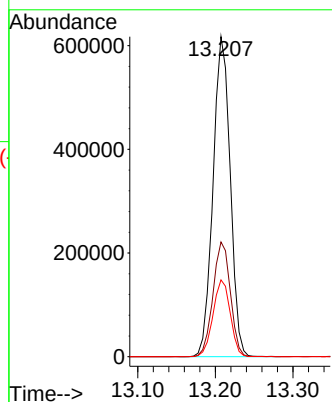
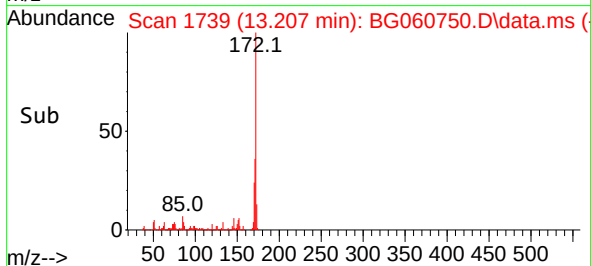


Tgt Ion:172 Resp: 950158
Ion Ratio Lower Upper
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171 35.9 28.7 43.1
170 24.0 19.4 29.0

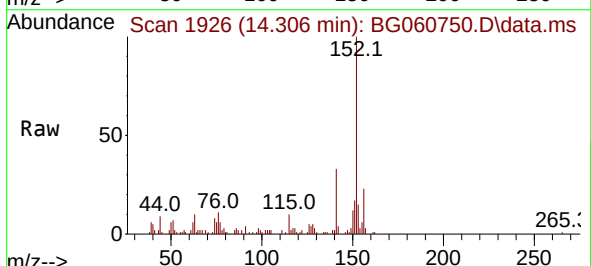
Manual Integrations

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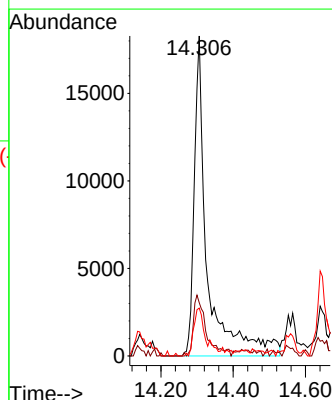
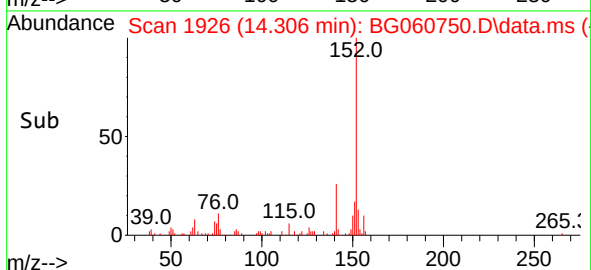
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

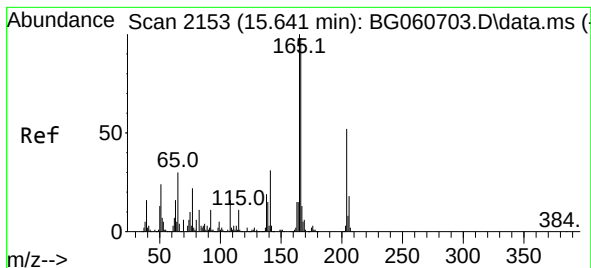


#49
Acenaphthylene
Concen: 2.452 ng m
RT: 14.306 min Scan# 1926
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29



Tgt Ion:152 Resp: 46162
Ion Ratio Lower Upper
152 100
151 16.6 16.4 24.6
153 15.0 10.5 15.7





#58

Fluorene

Concen: 3.847 ng

RT: 15.628 min Scan# 2153

Delta R.T. -0.013 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

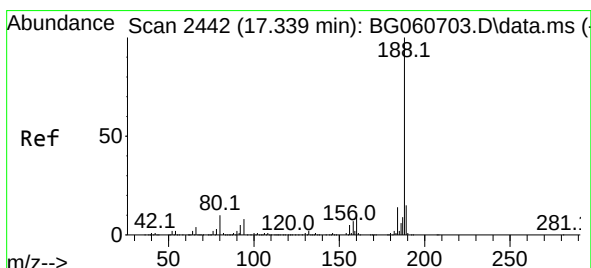
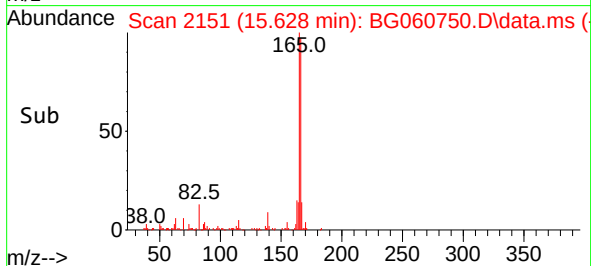
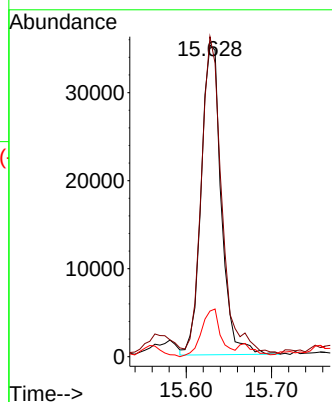
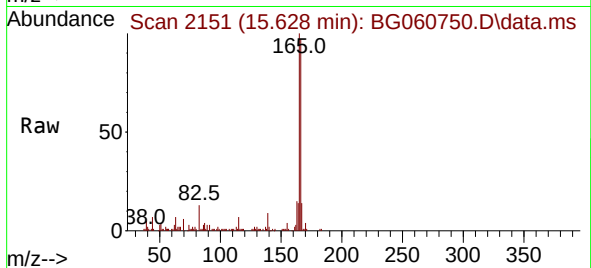
EB-04(0-2)

Tgt Ion:	166	Resp:	5757
Ion Ratio	Lower	Upper	
166	100		
165	102.7	81.8	122.8
167	14.6	10.9	16.3

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

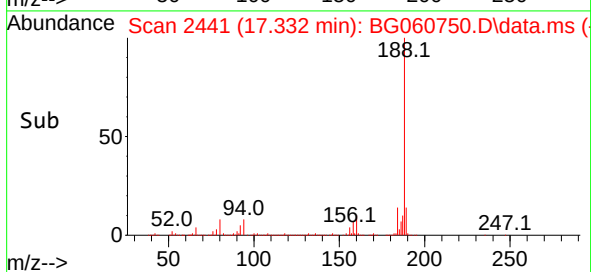
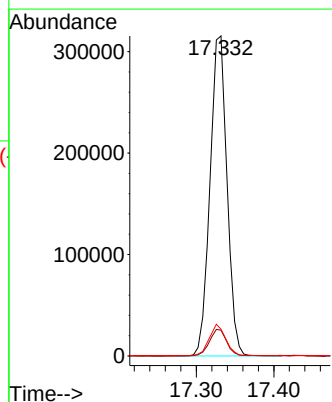
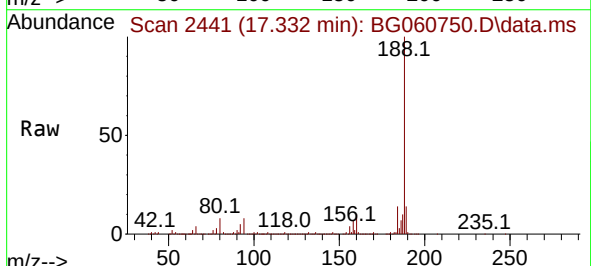
RT: 17.332 min Scan# 2441

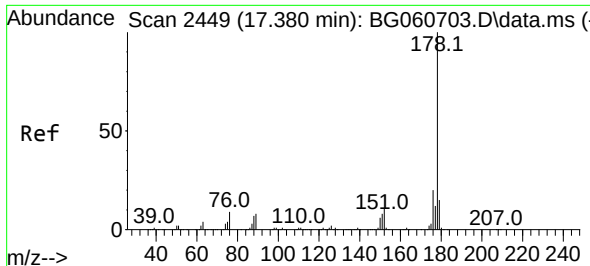
Delta R.T. -0.007 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

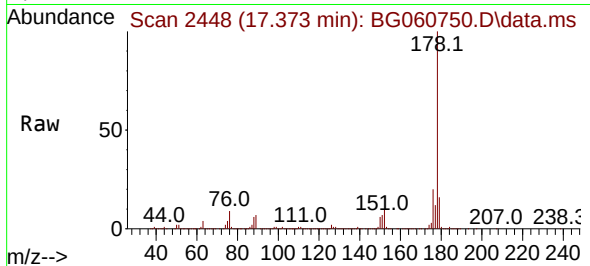
Tgt Ion:	188	Resp:	479984
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.6	9.8
80	8.4	7.6	11.4





#71
Phenanthrene
Concen: 27.529 ng
RT: 17.373 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

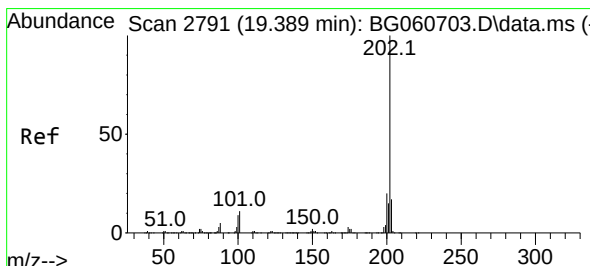
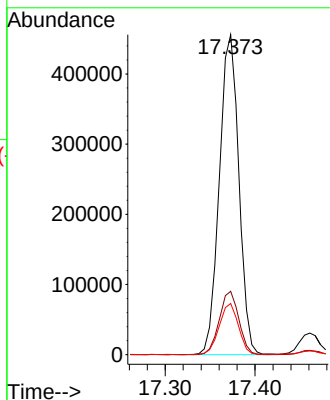
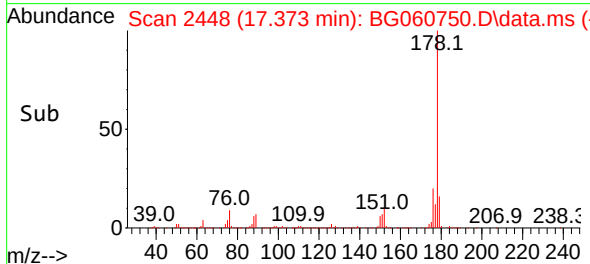
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



Tgt Ion:178 Resp: 68721
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.0 12.2 18.4

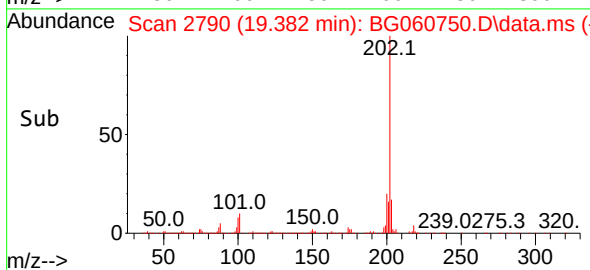
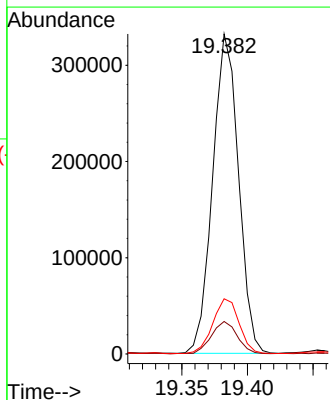
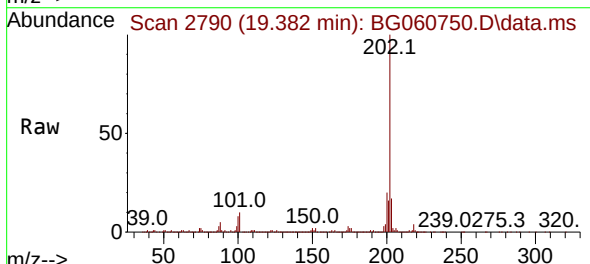
Manual Integrations
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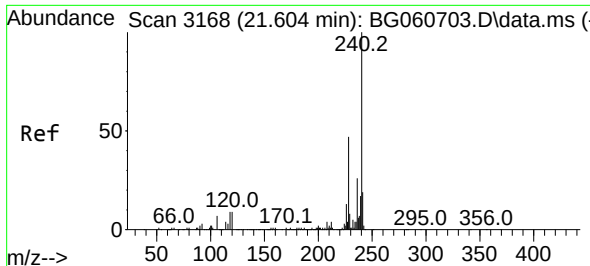
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#75
Fluoranthene
Concen: 14.994 ng
RT: 19.382 min Scan# 2790
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Tgt Ion:202 Resp: 454172
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.8
203 17.3 0.0 37.4





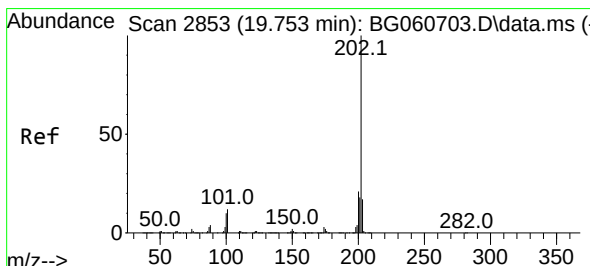
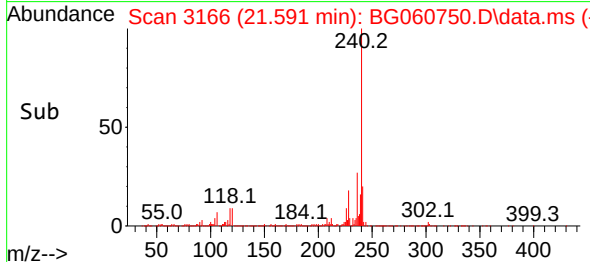
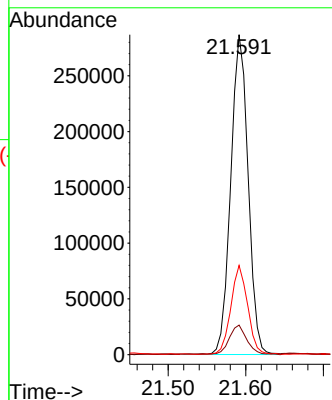
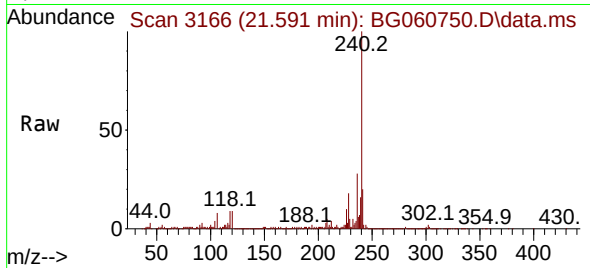
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)

Tgt Ion:240 Resp: 446130
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 27.9 20.7 31.1

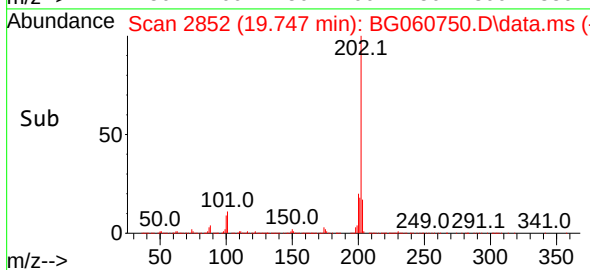
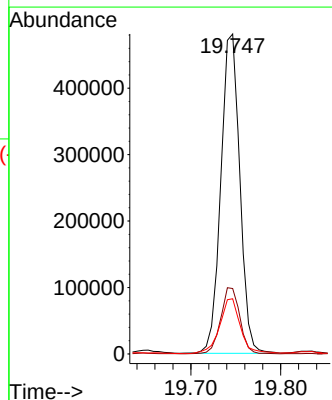
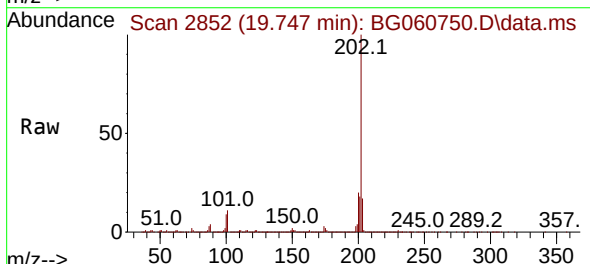
Manual Integrations
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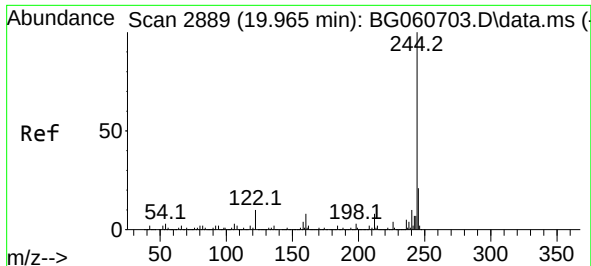
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#78
Pyrene
Concen: 22.610 ng
RT: 19.747 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

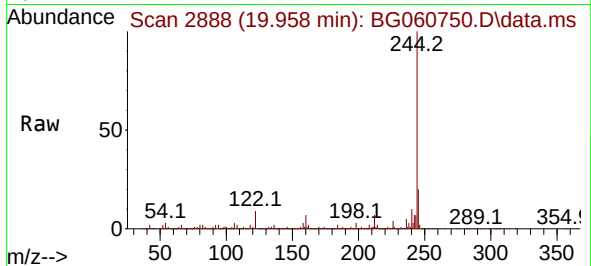
Tgt Ion:202 Resp: 705447
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.3 14.0 21.0





#79
Terphenyl-d14
Concen: 67.285 ng
RT: 19.958 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

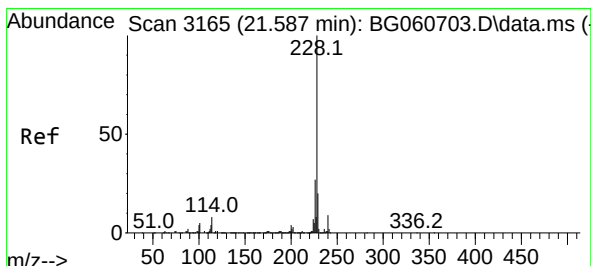
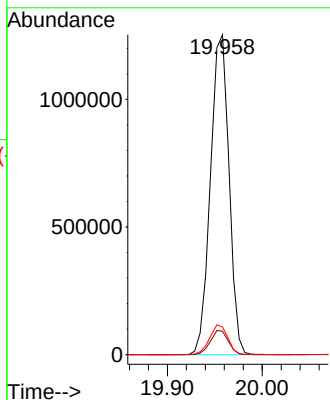
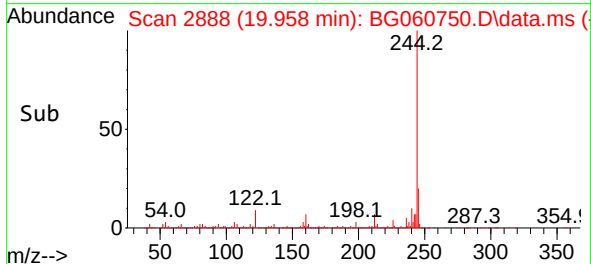
Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



Tgt Ion:244 Resp: 170475
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.6 7.8 11.8

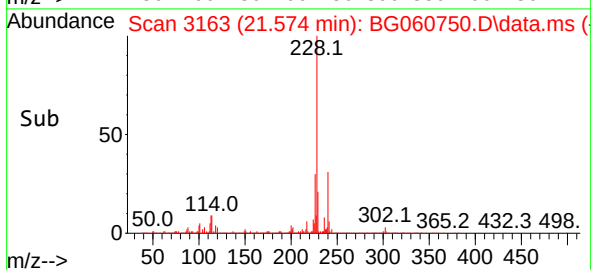
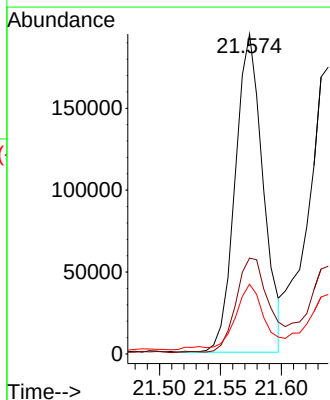
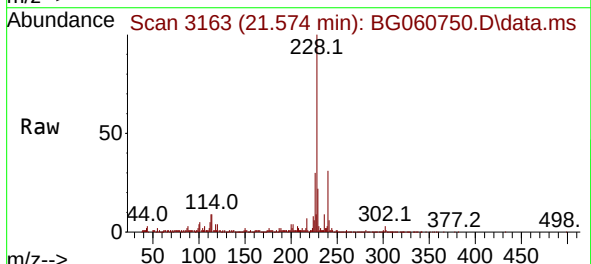
Manual Integrations
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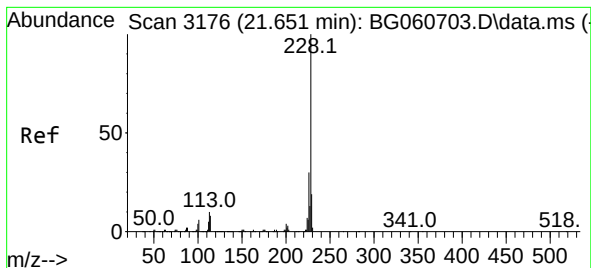
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#81
Benzo(a)anthracene
Concen: 9.859 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Tgt Ion:228 Resp: 310047
Ion Ratio Lower Upper
228 100
226 29.9 21.7 32.5
229 21.8 15.8 23.8





#83

Chrysene

Concen: 10.609 ng m

RT: 21.638 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

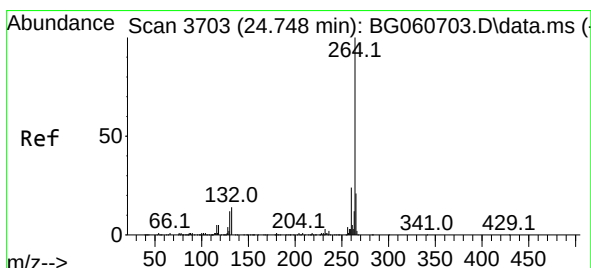
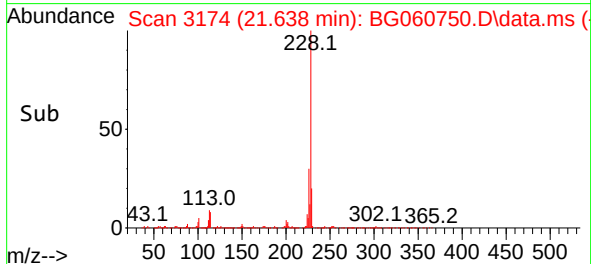
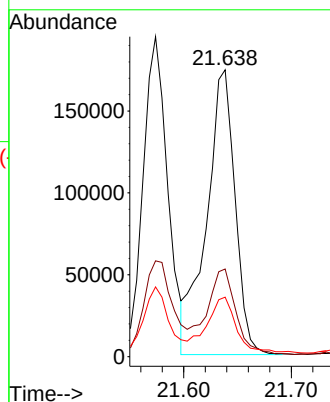
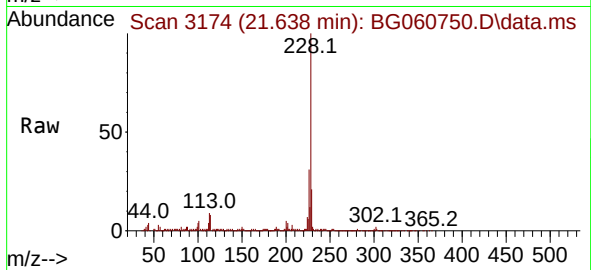
EB-04(0-2)

Tgt Ion:228	Resp: 321554
Ion Ratio	Lower Upper
228 100	
226 30.5	24.2 36.4
229 20.8	15.5 23.3

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

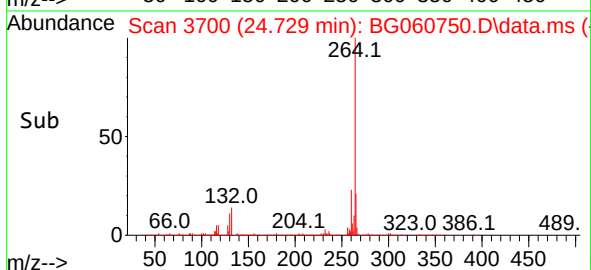
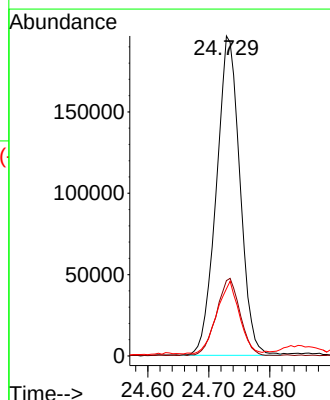
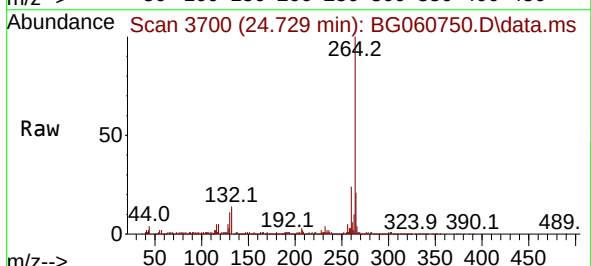
RT: 24.729 min Scan# 3700

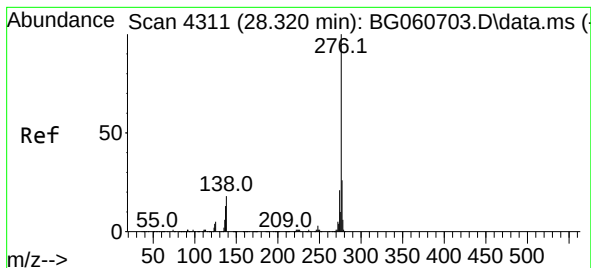
Delta R.T. -0.019 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Tgt Ion:264	Resp: 526678
Ion Ratio	Lower Upper
264 100	
260 23.6	19.5 29.3
265 21.0	16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.870 ng

RT: 28.284 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

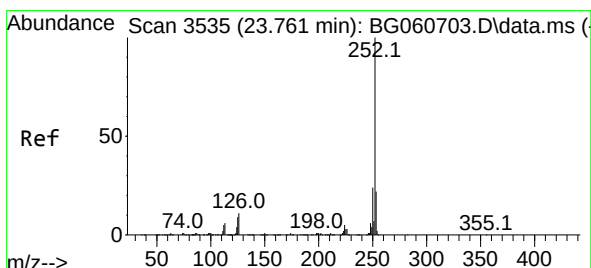
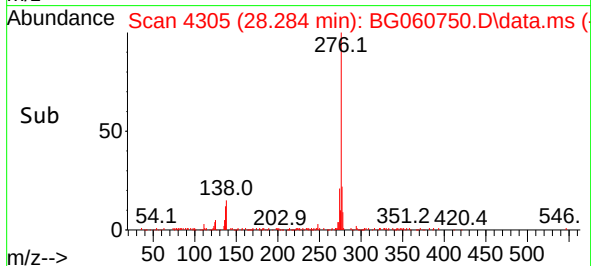
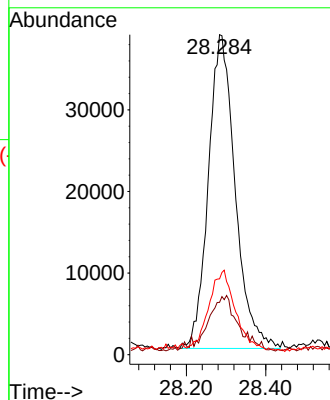
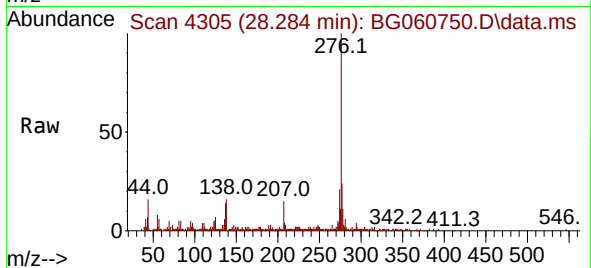
EB-04(0-2)

Tgt Ion:276 Resp: 180624
 Ion Ratio Lower Upper
 276 100
 138 12.8 12.4 18.6
 277 24.6 20.2 30.2

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 9.192 ng m

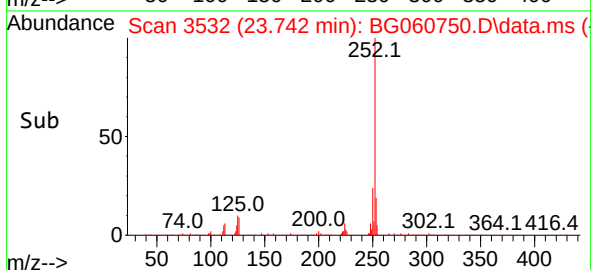
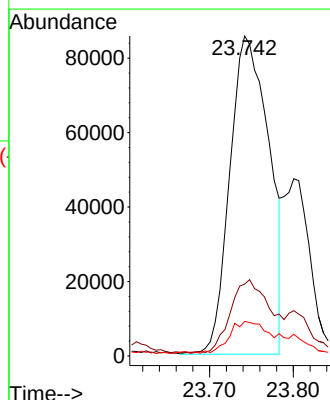
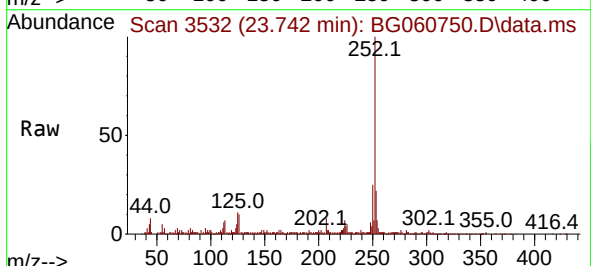
RT: 23.742 min Scan# 3532

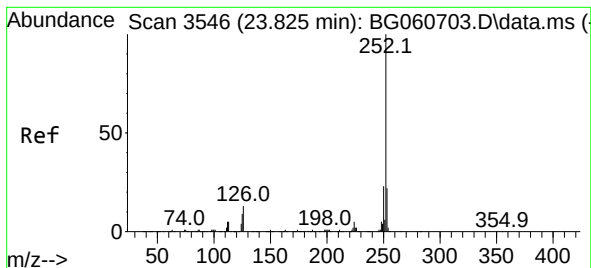
Delta R.T. -0.019 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Tgt Ion:252 Resp: 278128
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.8
 125 10.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 3.251 ng m

RT: 23.801 min Scan# 3546

Delta R.T. -0.025 min

Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Instrument :

BNA_G

ClientSampleId :

EB-04(0-2)

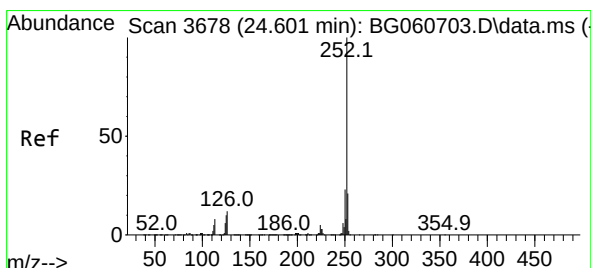
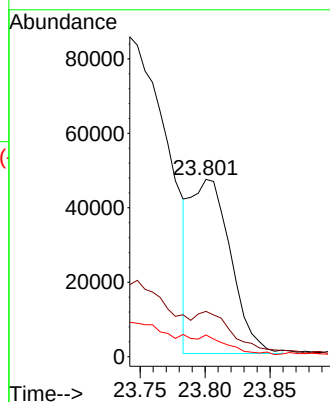
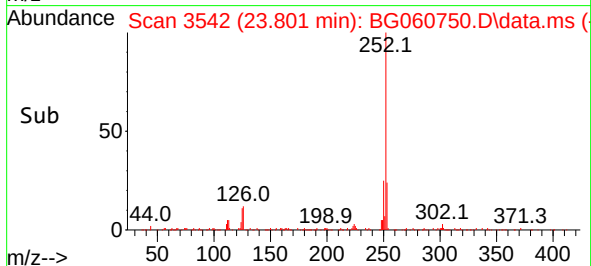
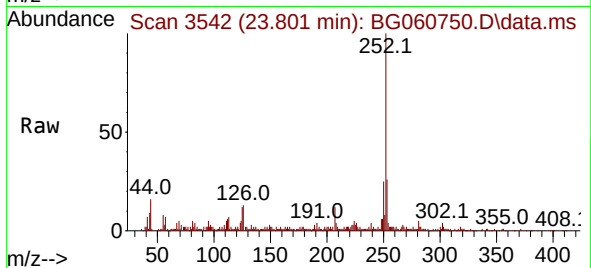
Tgt Ion:252 Resp: 100689

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	12.3	7.5	11.3

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 8.676 ng

RT: 24.582 min Scan# 3675

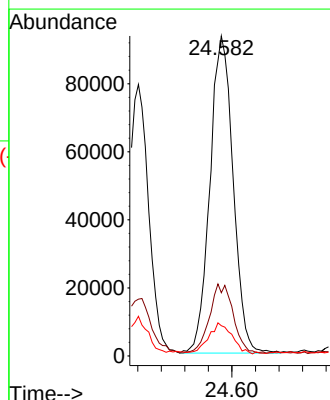
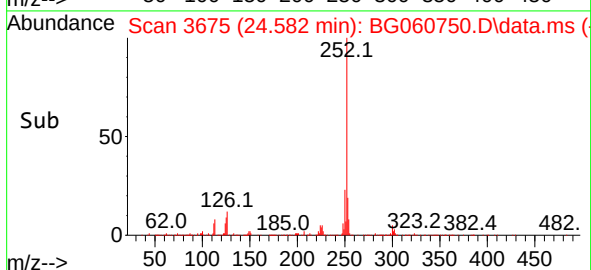
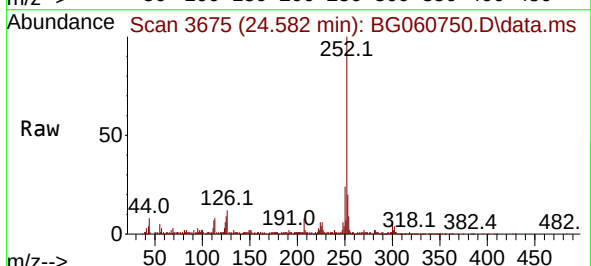
Delta R.T. -0.019 min

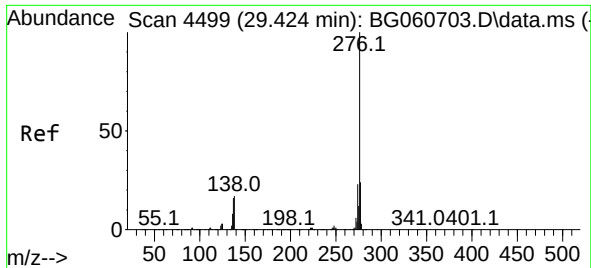
Lab File: BG060750.D

Acq: 2 Apr 2024 23:29

Tgt Ion:252 Resp: 255103

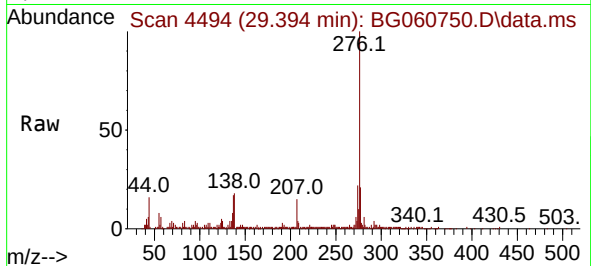
Ion	Ratio	Lower	Upper
252	100		
253	19.7	16.8	25.2
125	9.5	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 7.186 ng
RT: 29.394 min Scan# 4494
Delta R.T. -0.030 min
Lab File: BG060750.D
Acq: 2 Apr 2024 23:29

Instrument :
BNA_G
ClientSampleId :
EB-04(0-2)



Tgt Ion:276 Resp: 218550
Ion Ratio Lower Upper
276 100
277 21.3 18.9 28.3
138 17.6 14.0 21.0

Manual Integrations
APPROVED

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

