

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053234.D
 Acq On : 21 Apr 2022 2:58
 Operator : CG/JU
 Sample : N2444-12 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 06:06:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	42861	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	146930	20.000	ng	# 0.00
39) Acenaphthene-d10	14.740	164	98936	20.000	ng	0.00
64) Phenanthrene-d10	17.490	188	197882	20.000	ng	0.00
76) Chrysene-d12	21.766	240	209296	20.000	ng	0.00
86) Perylene-d12	25.073	264	225434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	102263	40.899	ng	0.00
7) Phenol-d6	7.274	99	143142	37.123	ng	0.00
23) Nitrobenzene-d5	9.277	82	105189	29.069	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	52598	33.416	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	200705	27.973	ng	0.00
79) Terphenyl-d14	20.086	244	319033	25.744	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.805	154	54653m	9.057	ng	
58) Fluorene	15.786	166	116796	15.305	ng	# 91
71) Phenanthrene	17.531	178	459176	42.482	ng	97
72) Anthracene	17.619	178	25337m	2.366	ng	
75) Fluoranthene	19.534	202	33641	2.428	ng	77
78) Pyrene	19.898	202	190211	12.761	ng	# 85
81) Benzo(a)anthracene	21.754	228	53516	3.740	ng	# 34
83) Chrysene	21.813	228	100630	7.577	ng	# 66

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

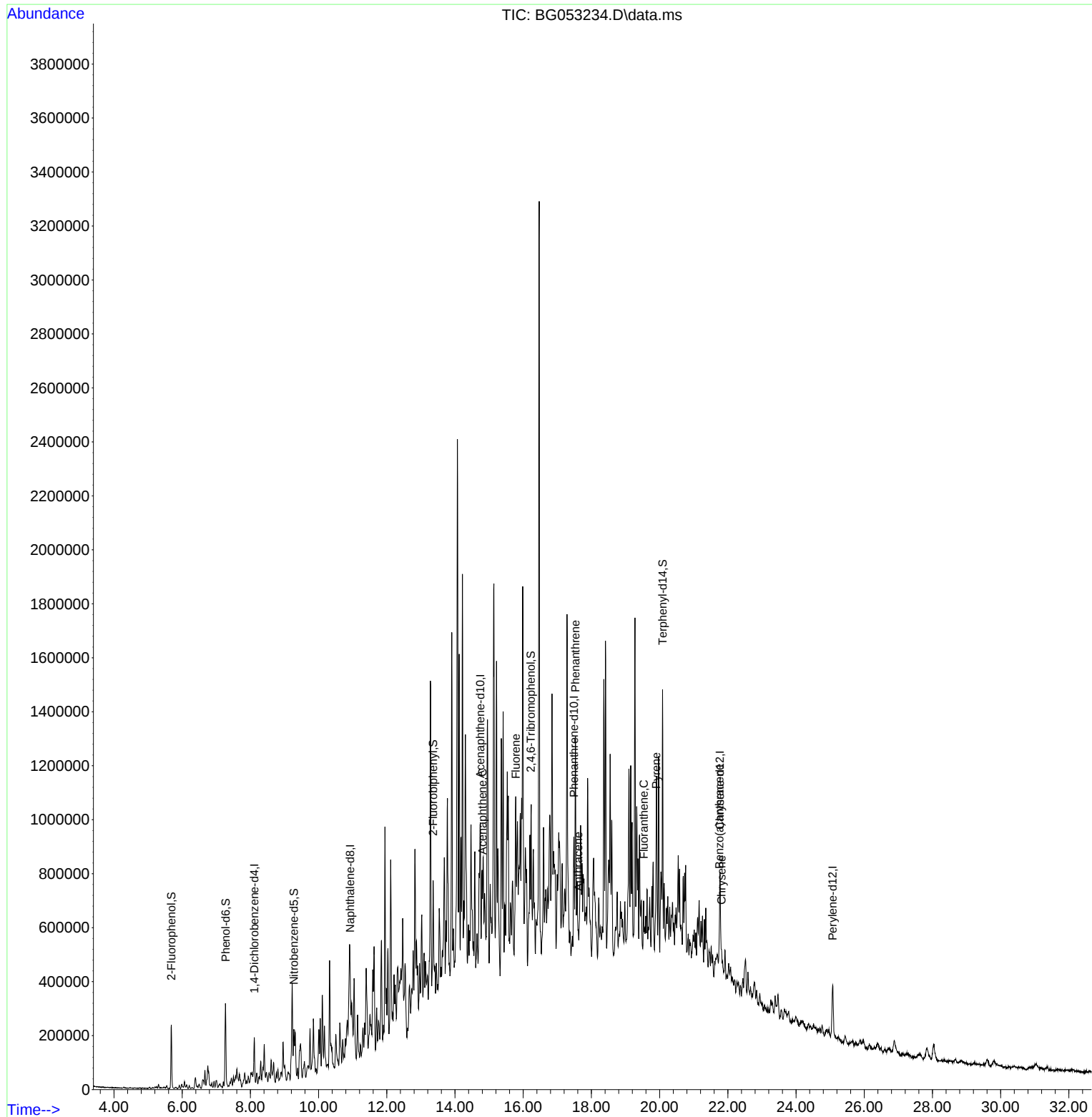
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

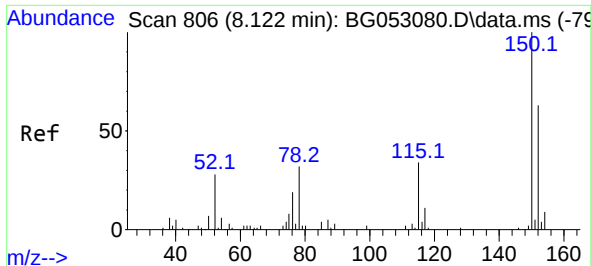
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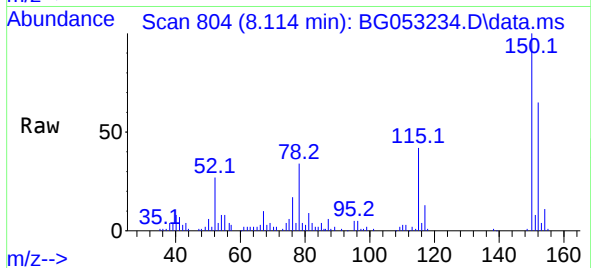
Quant Time: Apr 21 06:06:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

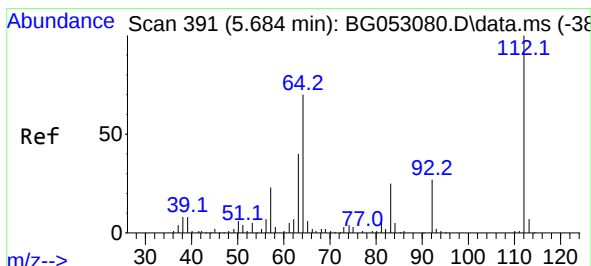
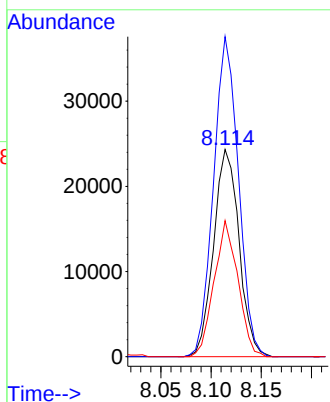
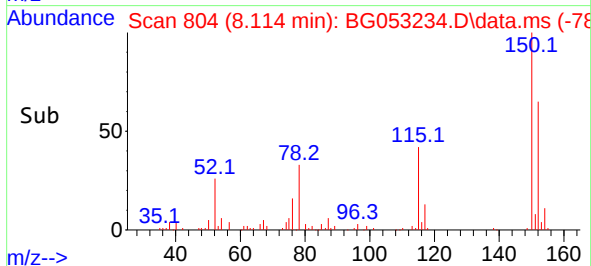
Instrument :
BNA_G
ClientSampleId :
SB-12



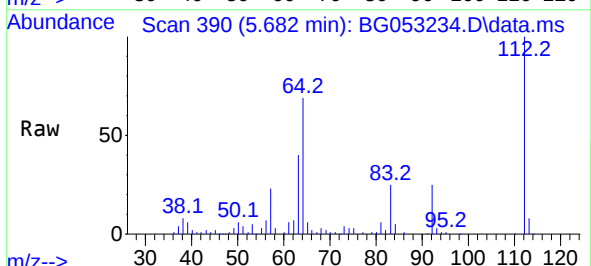
Tgt Ion:152 Resp: 4286
Ion Ratio Lower Upper
152 100
150 154.5 114.6 172.0
115 65.6 45.9 68.9

Manual Integrations
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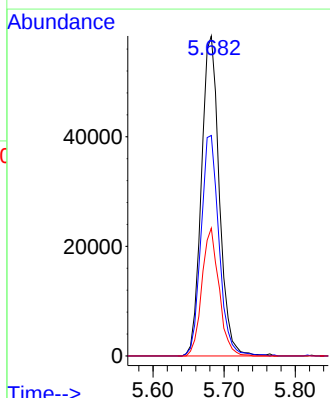
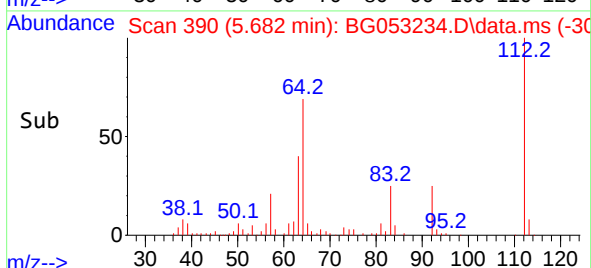
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

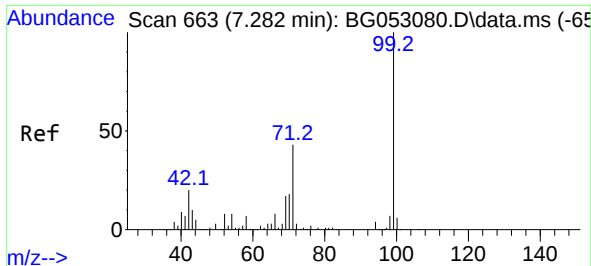


#5
2-Fluorophenol
Concen: 40.899 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



Tgt Ion:112 Resp: 102263
Ion Ratio Lower Upper
112 100
64 68.9 48.0 72.0
63 40.0 26.5 39.7





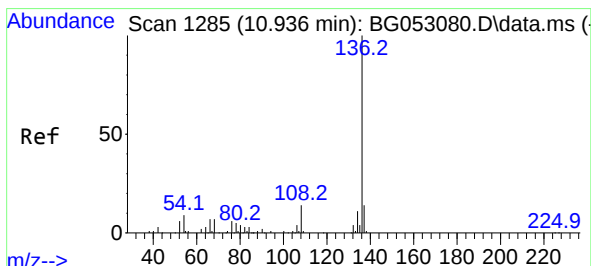
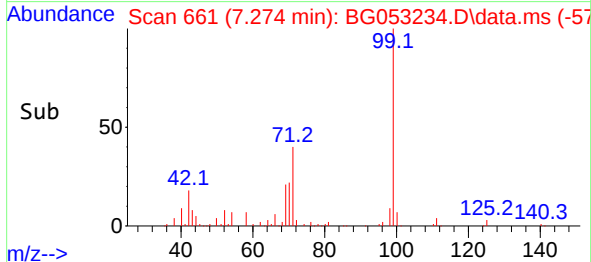
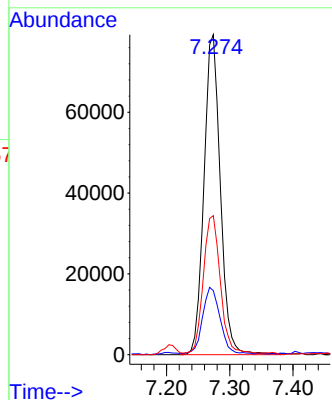
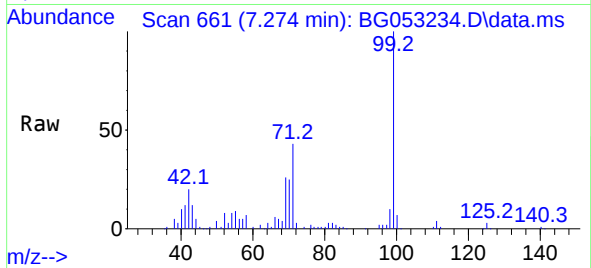
#7
Phenol-d6
Concen: 37.123 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

Instrument :
BNA_G
ClientSampleId :
SB-12

Tgt Ion: 99 Resp: 14314
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 43.5 29.2 43.8

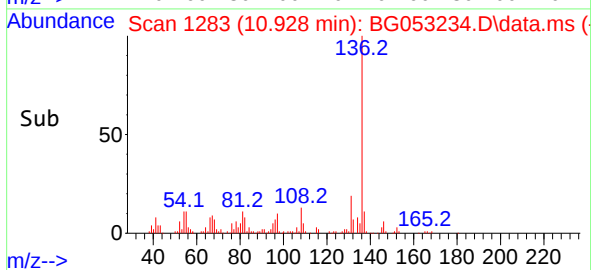
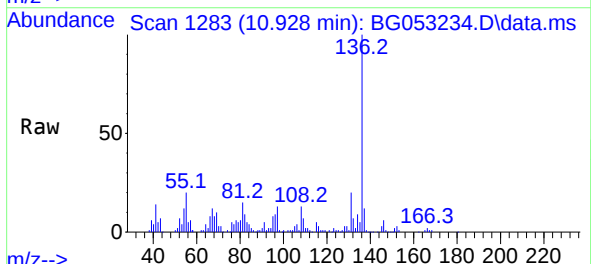
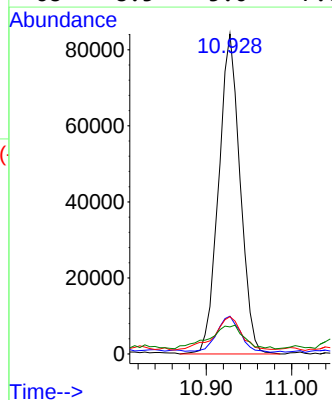
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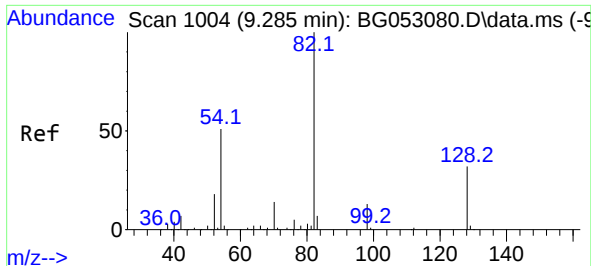
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

Tgt Ion:136 Resp: 146930
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 11.7 6.4 9.6#
68 8.5 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 29.069 ng

RT: 9.277 min Scan# 1002

Delta R.T. -0.008 min

Lab File: BG053234.D

Acq: 21 Apr 2022 2:58

Instrument :

BNA_G

ClientSampleId :

SB-12

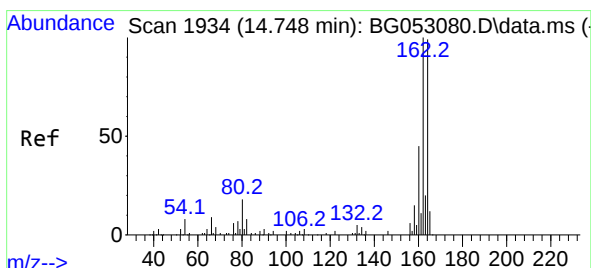
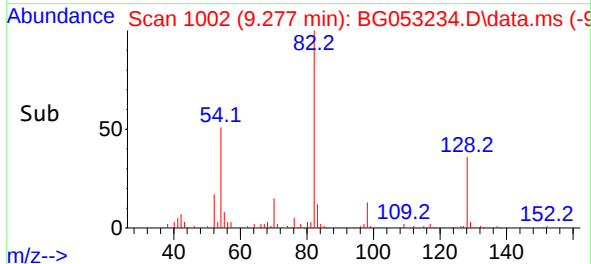
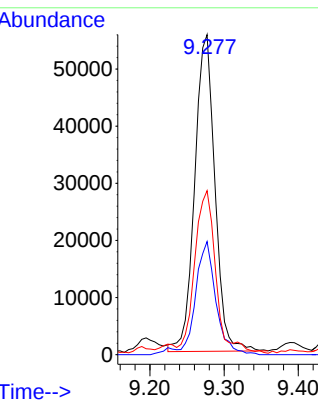
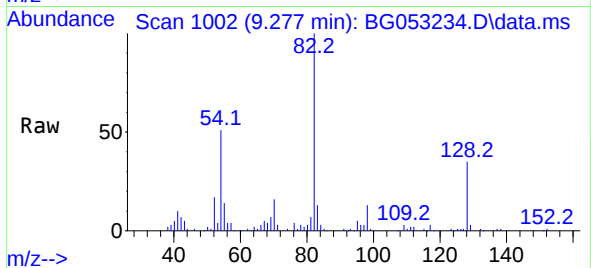
Tgt Ion: 82 Resp: 105189

Ion	Ratio	Lower	Upper
82	100		
128	35.3	31.3	46.9
54	51.2	37.8	56.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1932

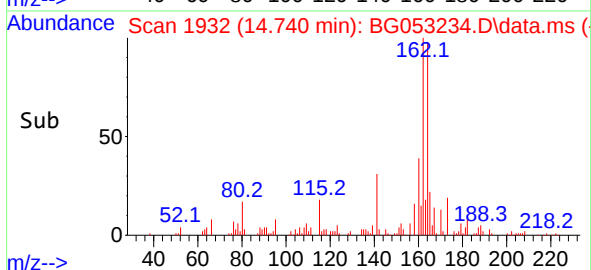
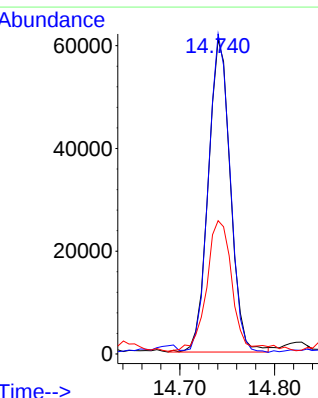
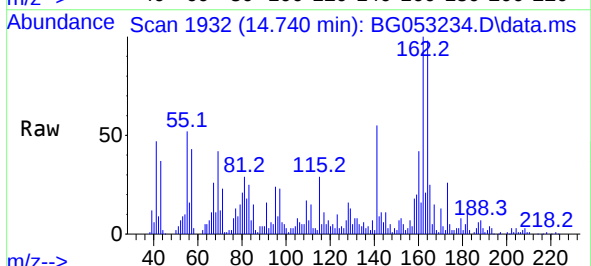
Delta R.T. -0.008 min

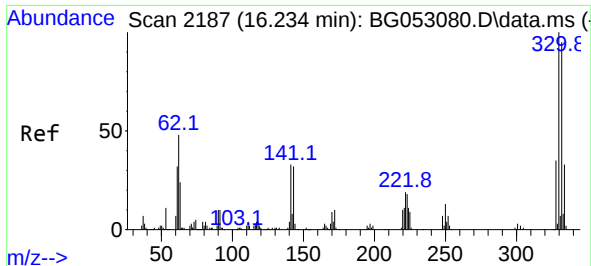
Lab File: BG053234.D

Acq: 21 Apr 2022 2:58

Tgt Ion:164 Resp: 98936

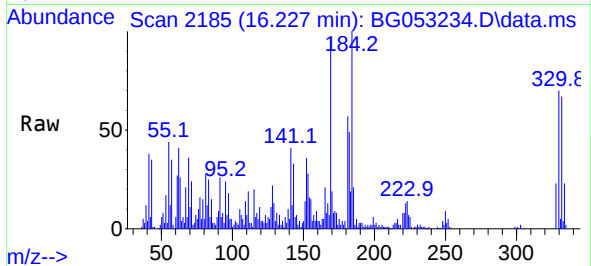
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.0	120.0
160	42.4	38.8	58.2





#42
2,4,6-Tribromophenol
Concen: 33.416 ng
RT: 16.227 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

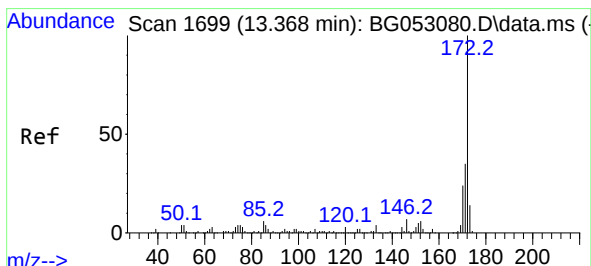
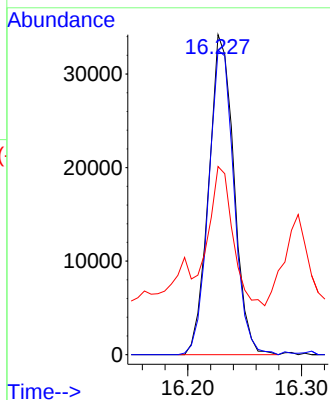
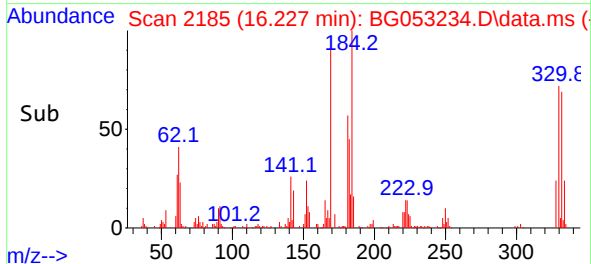
Instrument :
BNA_G
ClientSampleId :
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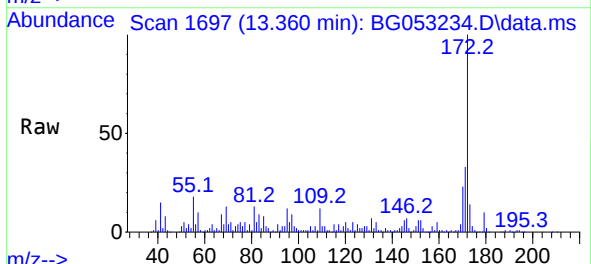
Tgt Ion:330 Resp: 52598
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 42.1 24.6 36.8

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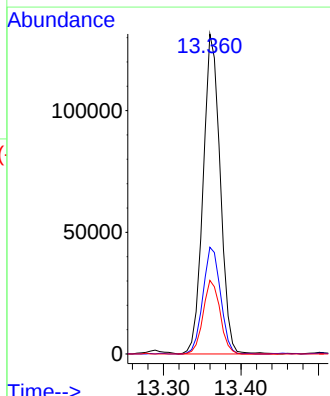
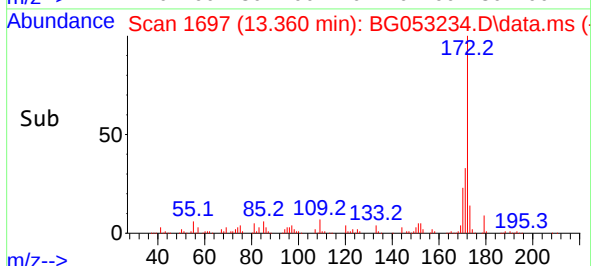
Reviewed By :Jagrut Upadhyay 04/21/2022
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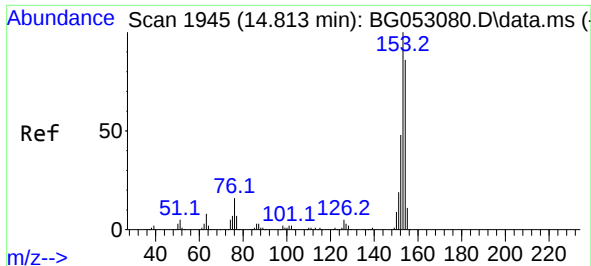


#45
2-Fluorobiphenyl
Concen: 27.973 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



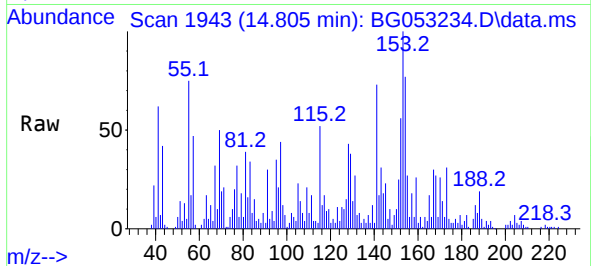
Tgt Ion:172 Resp: 200705
Ion Ratio Lower Upper
172 100
171 33.3 28.3 42.5
170 23.0 18.0 27.0





#52
Acenaphthene
Concen: 9.057 ng m
RT: 14.805 min Scan# 1945
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

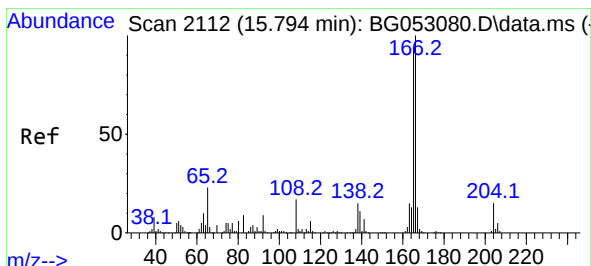
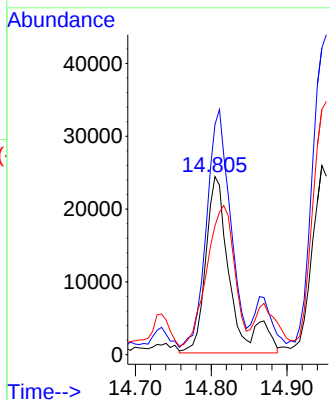
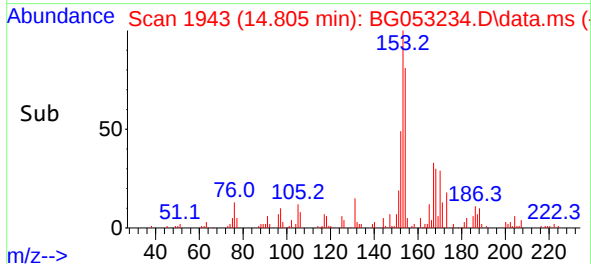
Instrument :
BNA_G
ClientSampleId :
SB-12



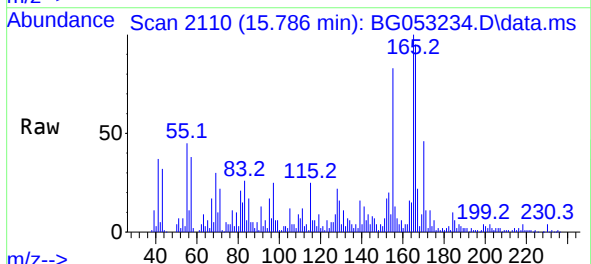
Tgt Ion:154 Resp: 5465
Ion Ratio Lower Upper
154 100
153 129.3 89.0 133.4
152 72.4 40.5 60.7

Manual Integrations
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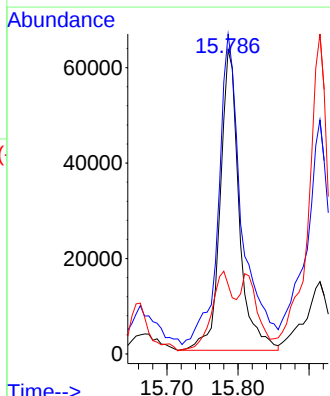
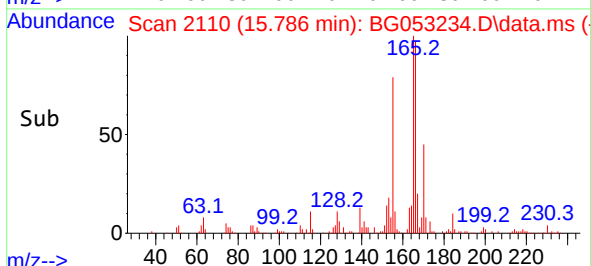
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

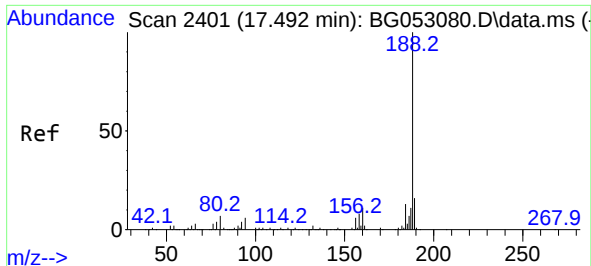


#58
Fluorene
Concen: 15.305 ng
RT: 15.786 min Scan# 2110
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



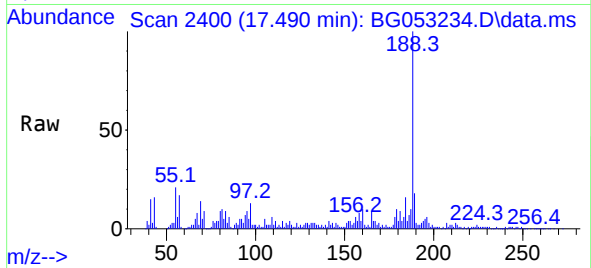
Tgt Ion:166 Resp: 116796
Ion Ratio Lower Upper
166 100
165 105.0 78.6 117.8
167 22.8 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 2401
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

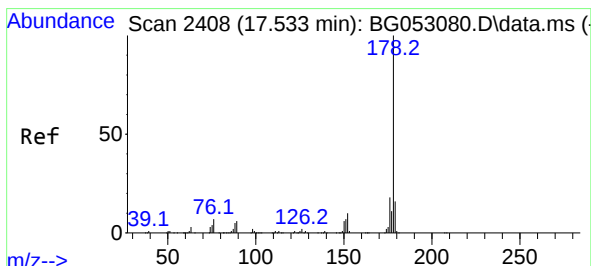
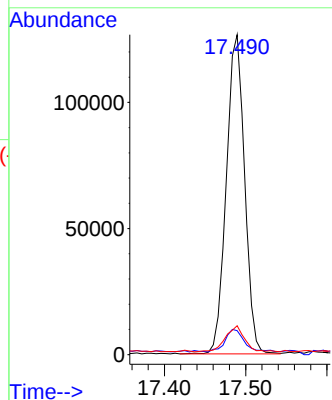
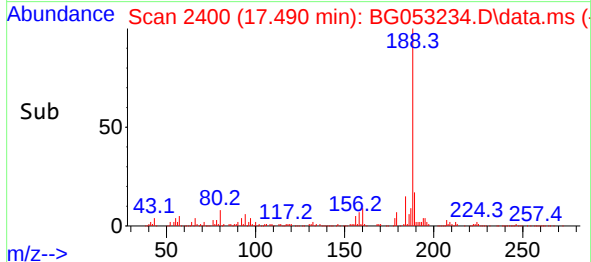
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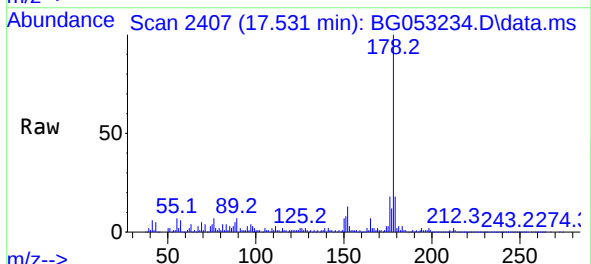
Tgt Ion:188 Resp: 197882
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.0 7.2 10.8

Manual Integrations
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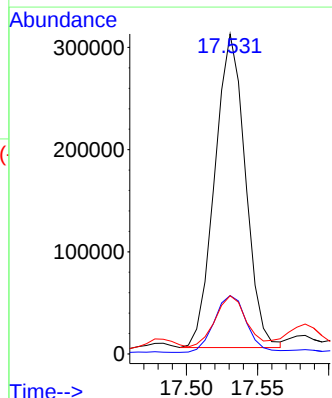
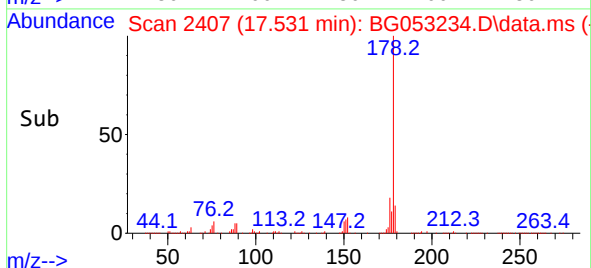
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

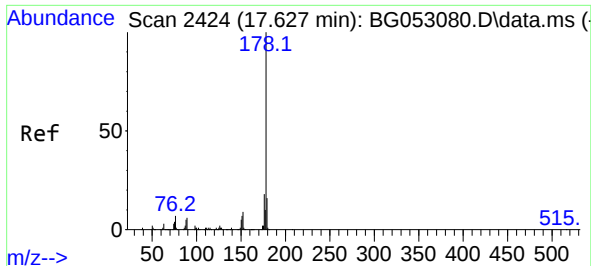


#71
Phenanthrene
Concen: 42.482 ng
RT: 17.531 min Scan# 2407
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



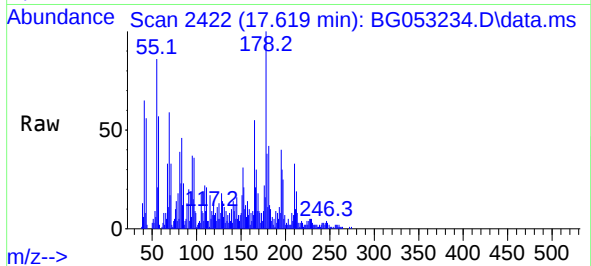
Tgt Ion:178 Resp: 459176
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 18.2 13.4 20.2





#72
 Anthracene
 Concen: 2.366 ng m
 RT: 17.619 min Scan# 2422
 Delta R.T. -0.008 min
 Lab File: BG053234.D
 Acq: 21 Apr 2022 2:58

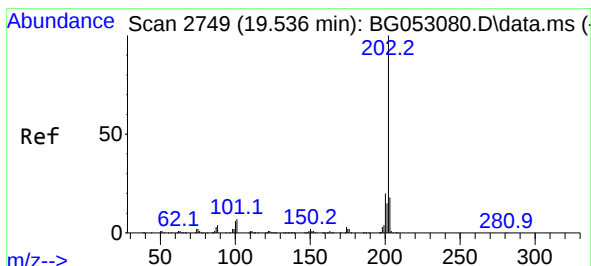
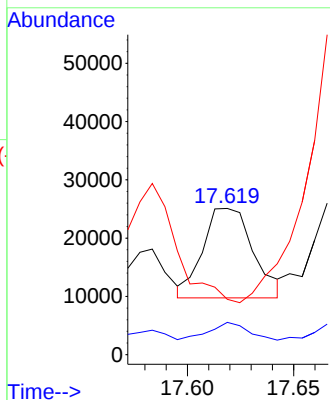
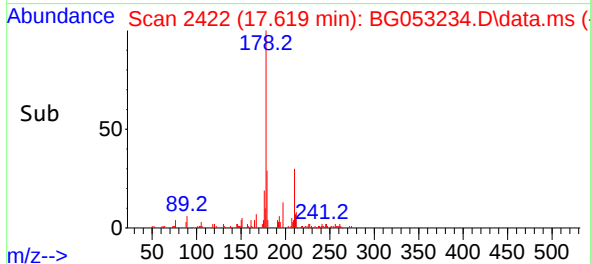
Instrument :
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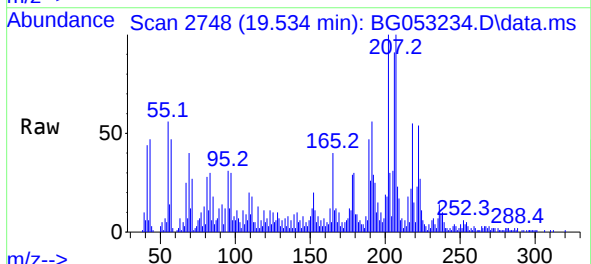
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 Ion Ratio Lower Upper
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 179 37.9 13.2 19.8

Manual Integrations
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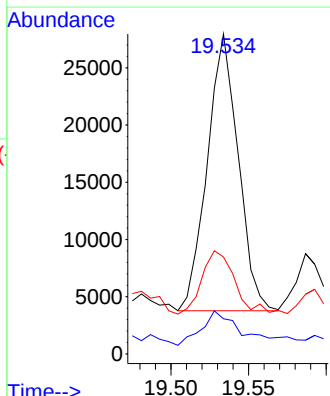
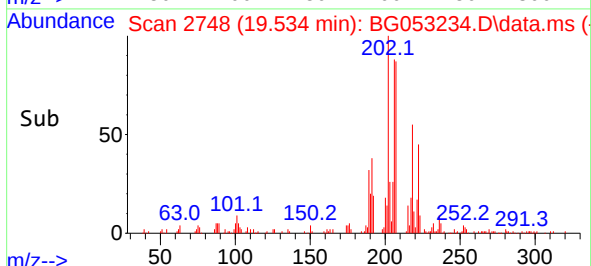
Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :mohammad ahmed 04/26/2022

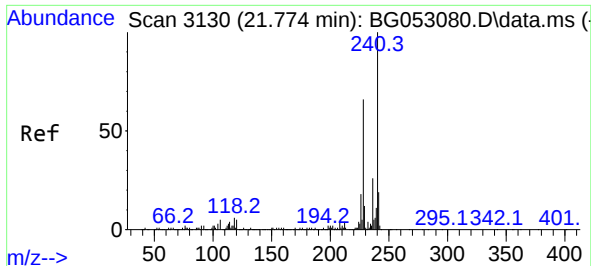


#75
 Fluoranthene
 Concen: 2.428 ng
 RT: 19.534 min Scan# 2748
 Delta R.T. -0.002 min
 Lab File: BG053234.D
 Acq: 21 Apr 2022 2:58



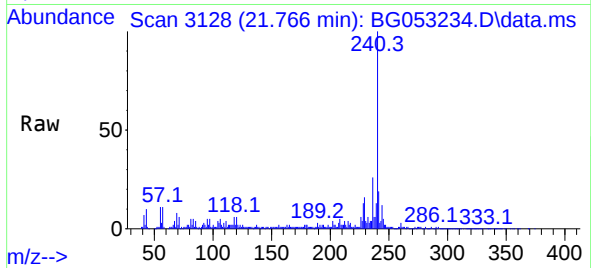
Tgt Ion:202 Resp: 33641
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 27.3
 203 30.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

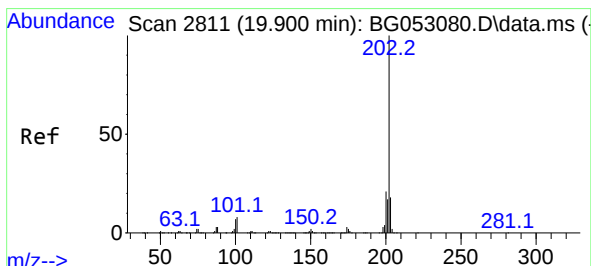
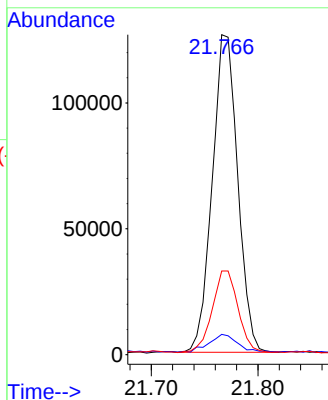
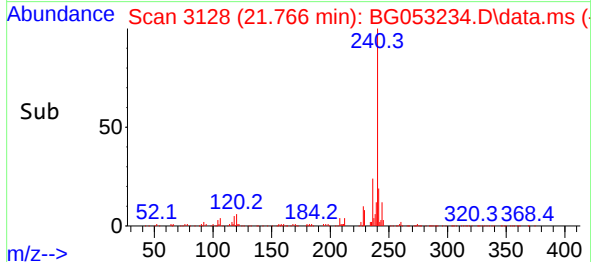
Instrument :
BNA_G
ClientSampleId :
SB-12



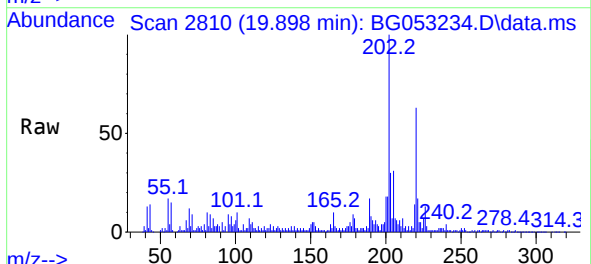
Tgt Ion:240 Resp: 209290
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 26.2 19.8 29.6

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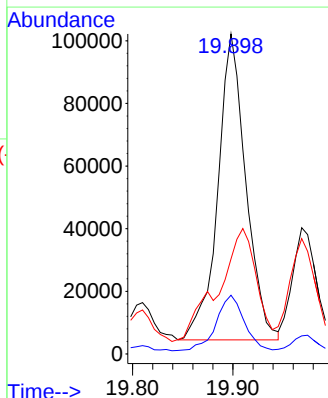
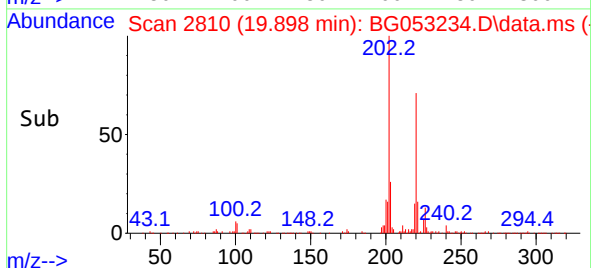
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

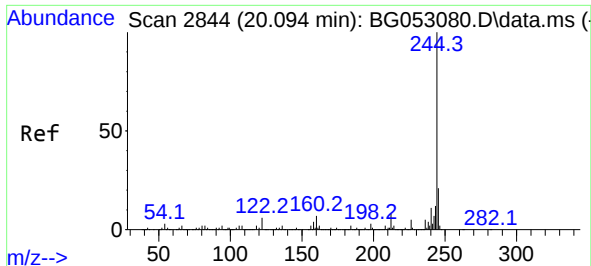


#78
Pyrene
Concen: 12.761 ng
RT: 19.898 min Scan# 2810
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



Tgt Ion:202 Resp: 190211
Ion Ratio Lower Upper
202 100
200 18.4 17.0 25.6
203 29.7 15.0 22.6#





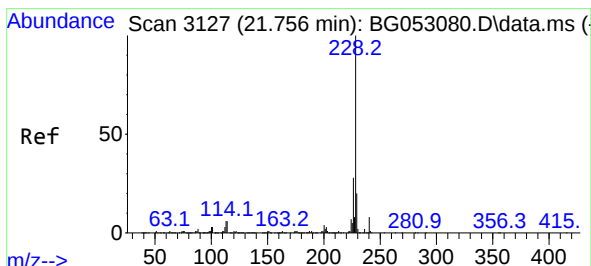
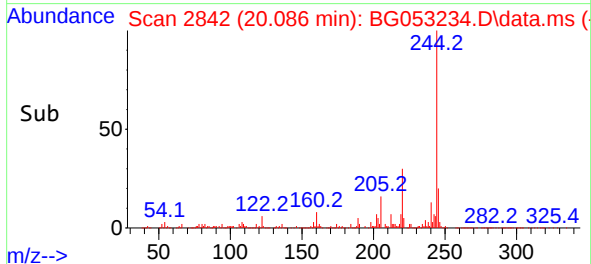
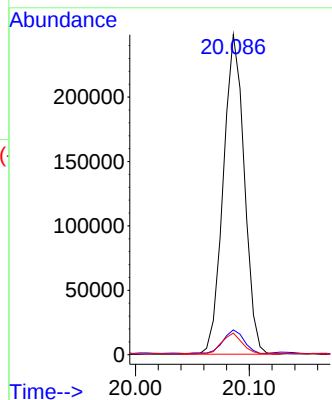
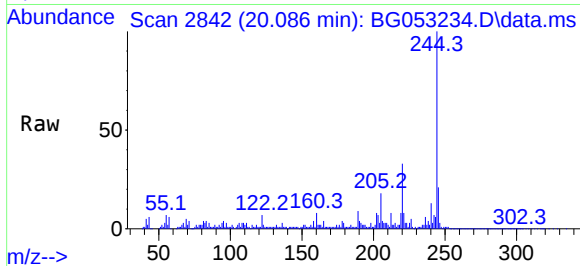
#79
Terphenyl-d14
Concen: 25.744 ng
RT: 20.086 min Scan# 21903
Delta R.T. -0.008 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

Instrument :
BNA_G
ClientSampleId :
SB-12

Tgt Ion:244 Resp: 31903
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.7 5.8 8.6

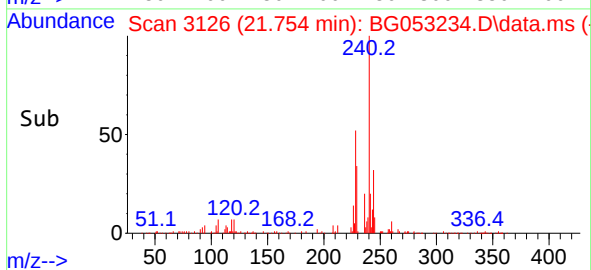
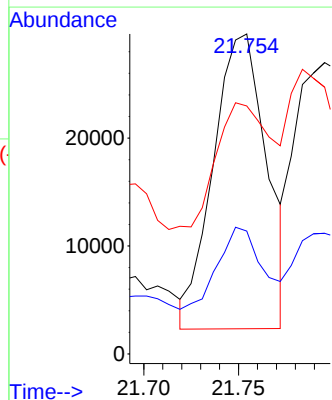
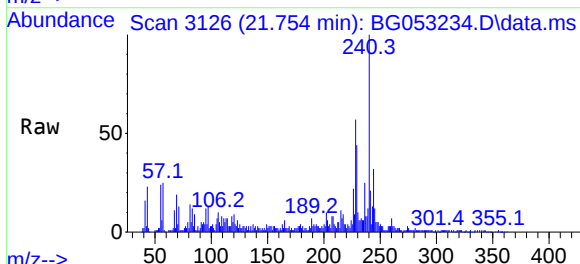
Manual Integrations
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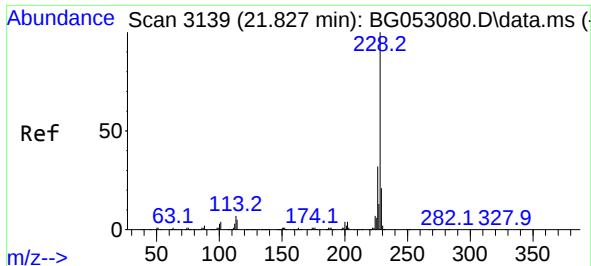
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022



#81
Benzo(a)anthracene
Concen: 3.740 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

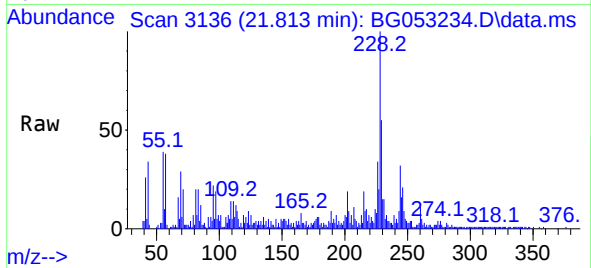
Tgt Ion:228 Resp: 53516
Ion Ratio Lower Upper
228 100
226 38.4 21.4 32.0#
229 77.5 16.7 25.1#





#83
Chrysene
Concen: 7.577 ng
RT: 21.813 min Scan# 3136
Delta R.T. -0.014 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58

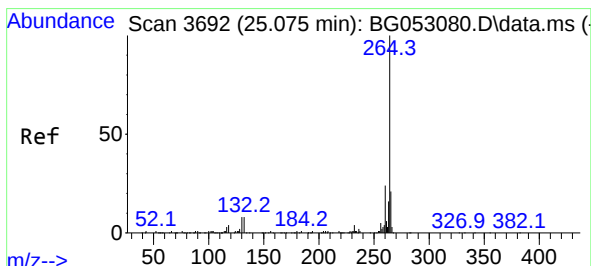
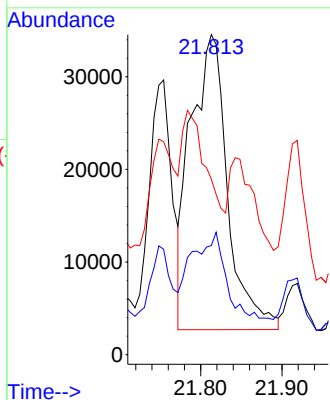
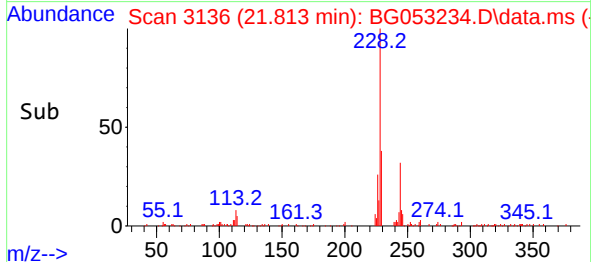
Instrument :
BNA_G
ClientSampleId :
SB-12



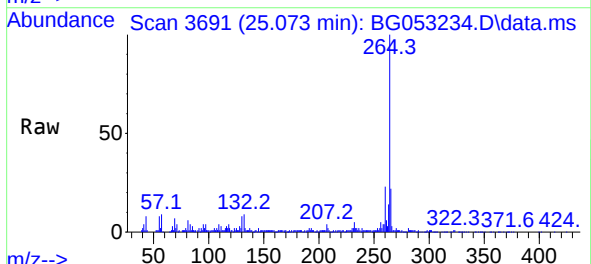
Tgt Ion:228 Resp: 100630
Ion Ratio Lower Upper
228 100
226 34.1 24.2 36.4
229 54.8 16.3 24.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.073 min Scan# 3691
Delta R.T. -0.002 min
Lab File: BG053234.D
Acq: 21 Apr 2022 2:58



Tgt Ion:264 Resp: 225434
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.2
265 22.1 15.1 22.7

