

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055679.D
 Acq On : 18 Nov 2022 00:07
 Operator : CG/JU
 Sample : N5607-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:18:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	55041	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	221861	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	144826	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	301837	20.000	ng	0.00
76) Chrysene-d12	21.918	240	283369	20.000	ng	0.00
86) Perylene-d12	25.338	264	290376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	276994	90.963	ng	0.01
7) Phenol-d6	7.400	99	358089	88.340	ng	0.01
23) Nitrobenzene-d5	9.427	82	228179	54.360	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	161096	78.994	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	504102	52.146	ng	0.00
79) Terphenyl-d14	20.203	244	664972	46.936	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.658	178	63676	3.909	ng	100
75) Fluoranthene	19.656	202	196063	9.894	ng	99
78) Pyrene	20.015	202	229546	11.968	ng	98
81) Benzo(a)anthracene	21.895	228	153387	7.859	ng	99
83) Chrysene	21.965	228	157780	8.492	ng	98
84) Bis(2-ethylhexyl)phtha...	21.771	149	107308	9.944	ng	99
87) Indeno(1,2,3-cd)pyrene	29.257	276	62196	2.615	ng	# 90
88) Benzo(b)fluoranthene	24.239	252	203028	10.736	ng	# 97
89) Benzo(k)fluoranthene	24.310	252	62671m	3.325	ng	
90) Benzo(a)pyrene	25.173	252	136790	8.429	ng	96
92) Benzo(g,h,i)perylene	30.496	276	63274m	3.230	ng	

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

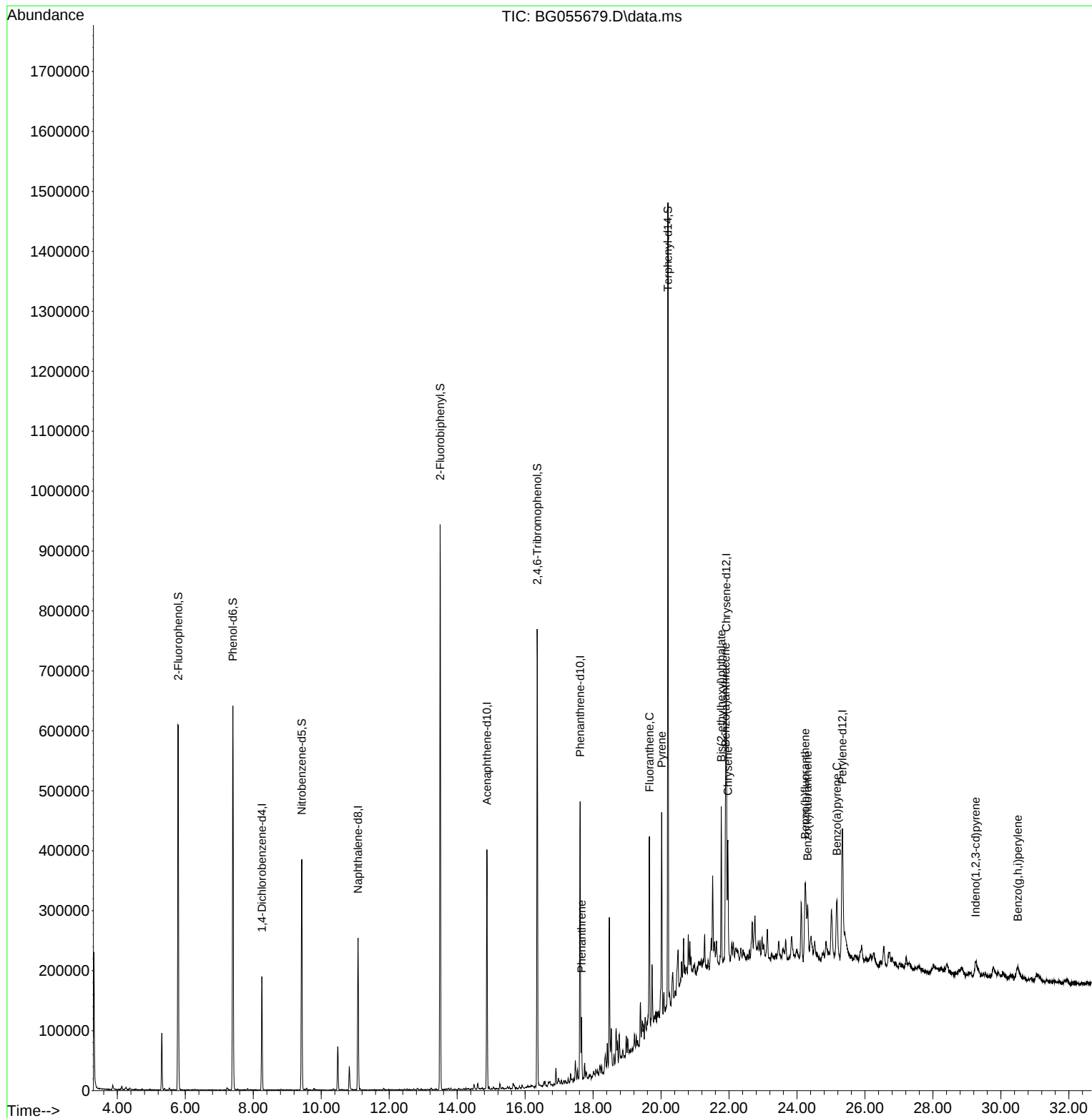
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055679.D
Acq On : 18 Nov 2022 00:07
Operator : CG/JU
Sample : N5607-01
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QLast Update : Thu Nov 17 02:02:46 2022
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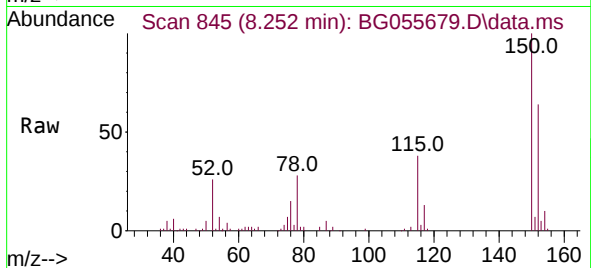
Reviewed By : Christian Giraldo 11/18/2022
Supervised By : Jagrut Upadhyay 11/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

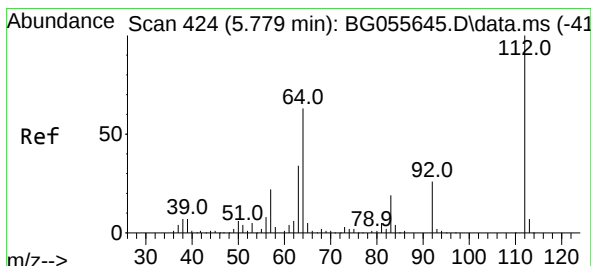
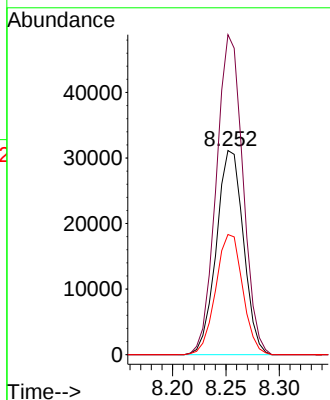
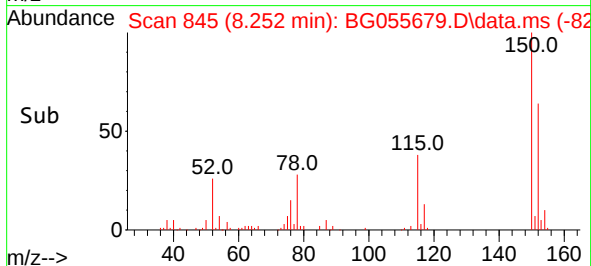
Instrument :
BNA_G
ClientSampleId :
SB-01



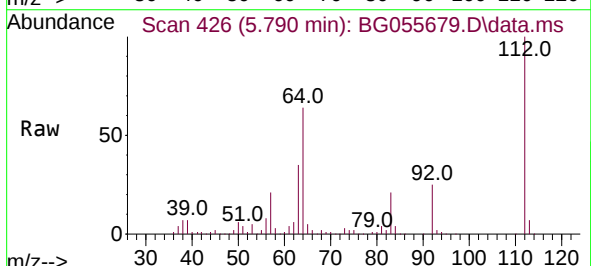
Tgt Ion:152 Resp: 55041
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 58.9 47.0 70.4

Manual Integrations
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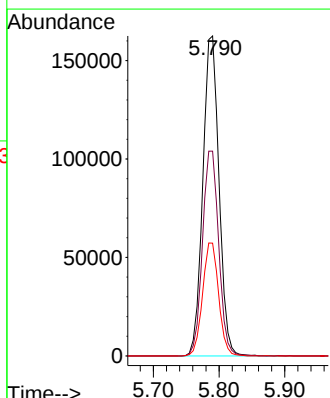
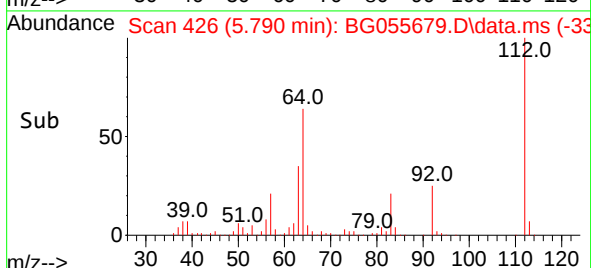
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#5
2-Fluorophenol
Concen: 90.963 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07



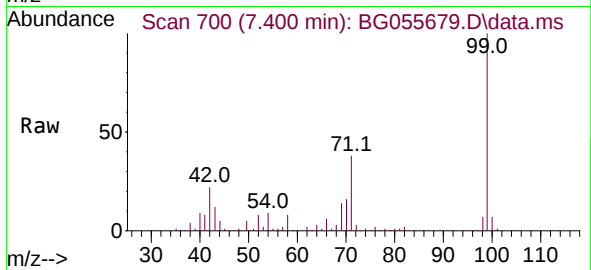
Tgt Ion:112 Resp: 276994
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 35.3 27.5 41.3





#7
Phenol-d6
Concen: 88.340 ng
RT: 7.400 min Scan# 70
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

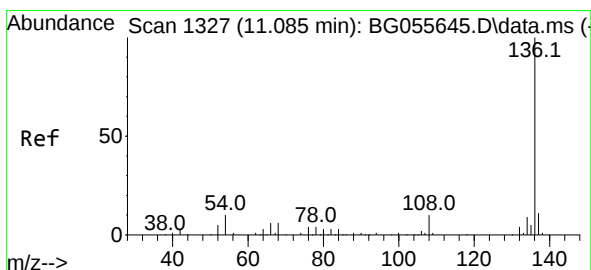
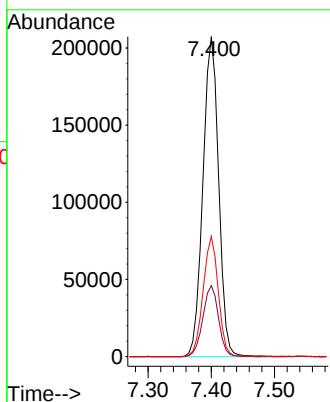
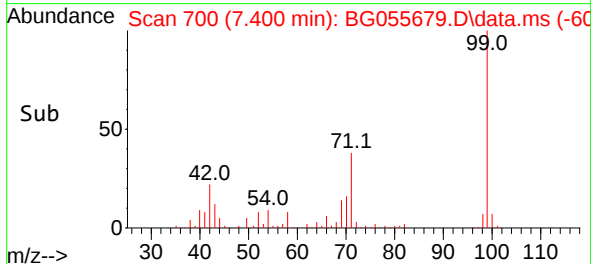
Instrument :
BNA_G
ClientSampleId :
SB-01



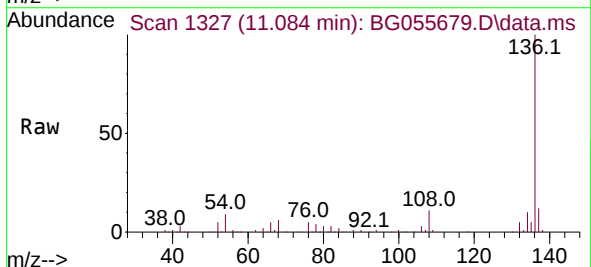
Tgt Ion: 99 Resp: 358089
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 37.5 29.0 43.6

Manual Integrations
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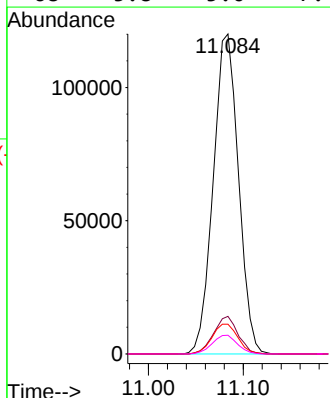
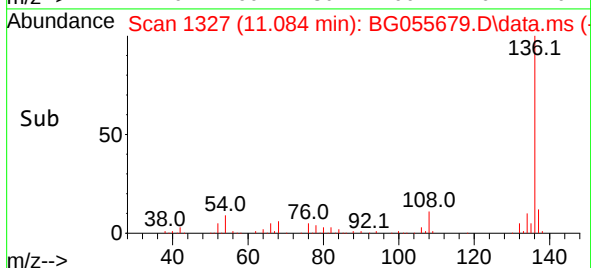
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

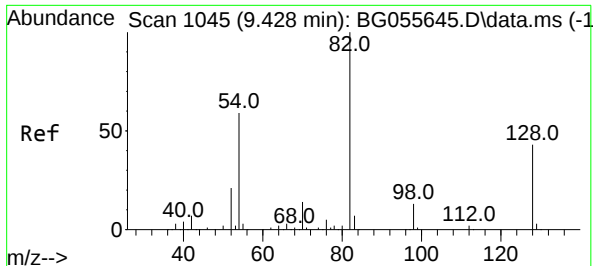


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07



Tgt Ion:136 Resp: 221861
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.3 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 54.360 ng

RT: 9.427 min Scan# 1045

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

Instrument :

BNA_G

ClientSampleId :

SB-01

Tgt Ion: 82 Resp: 228179

Ion Ratio Lower Upper

82 100

128 42.2 34.1 51.1

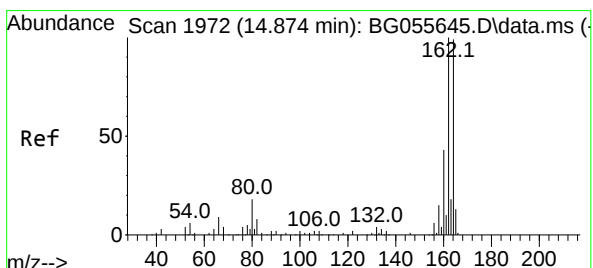
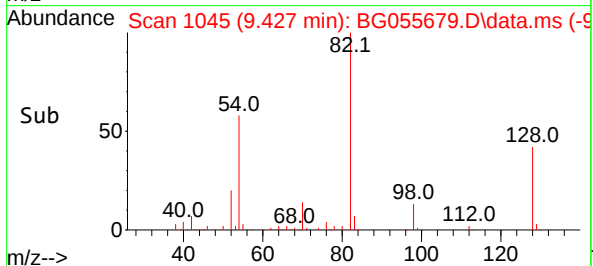
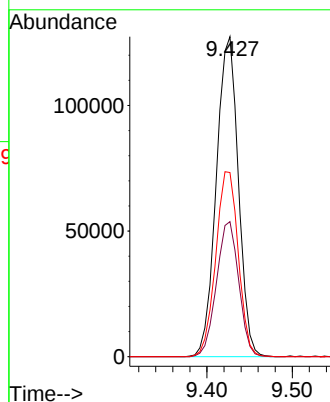
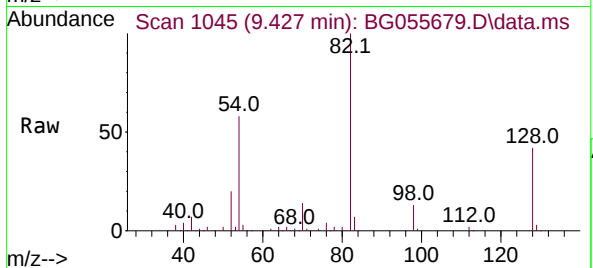
54 57.5 47.3 70.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

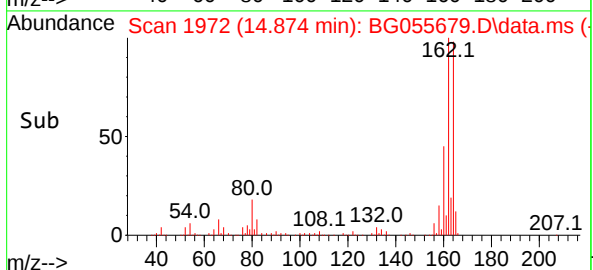
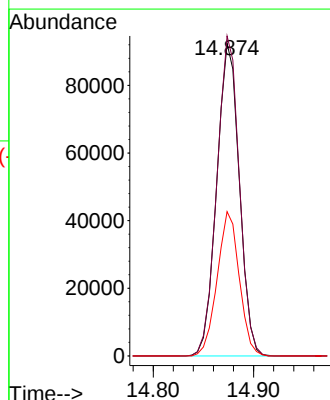
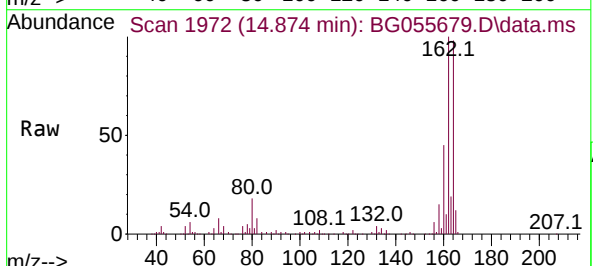
Tgt Ion:164 Resp: 144826

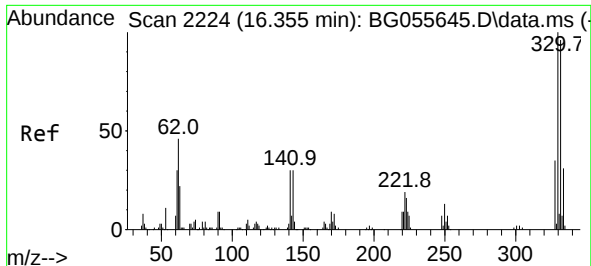
Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

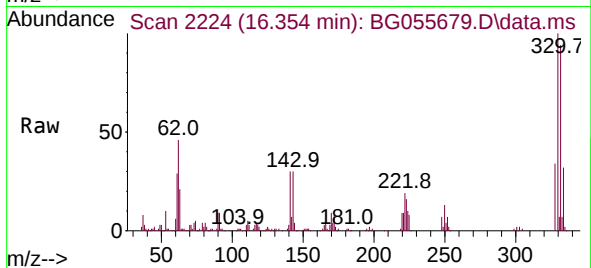
160 46.2 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 78.994 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

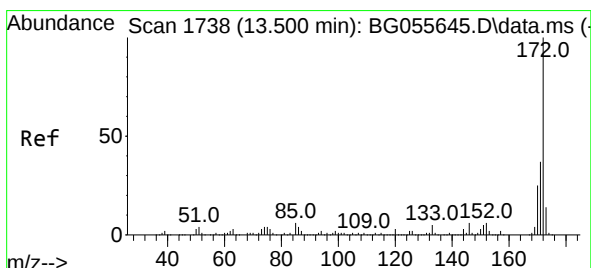
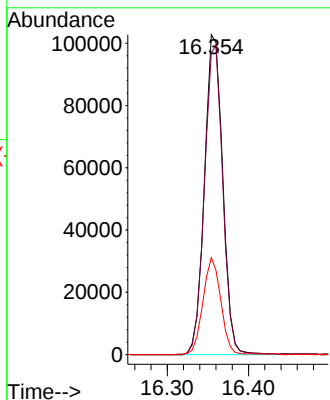
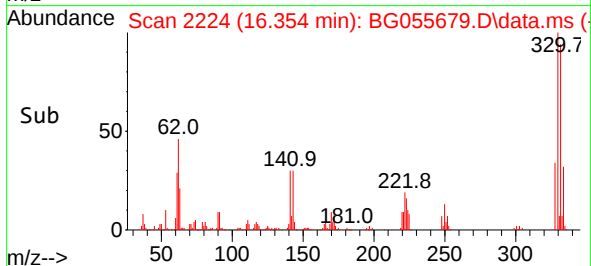
Instrument :
BNA_G
ClientSampleId :
SB-01



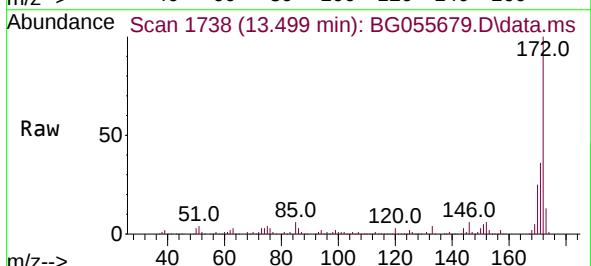
Tgt Ion:330 Resp: 161096
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.6 23.9 35.9

Manual Integrations
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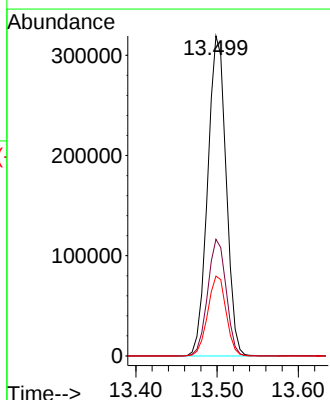
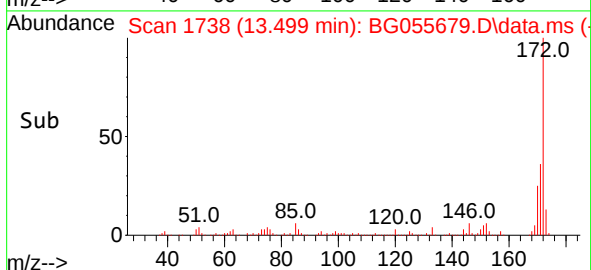
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

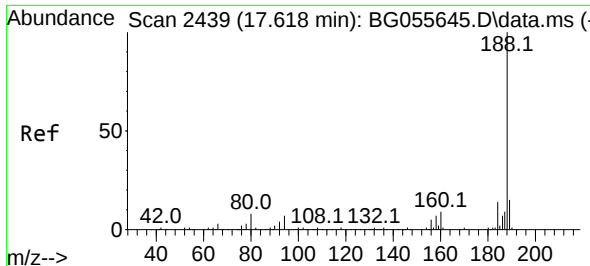


#45
2-Fluorobiphenyl
Concen: 52.146 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07



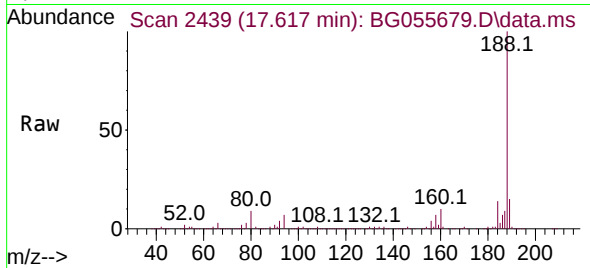
Tgt Ion:172 Resp: 504102
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.9 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.617 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

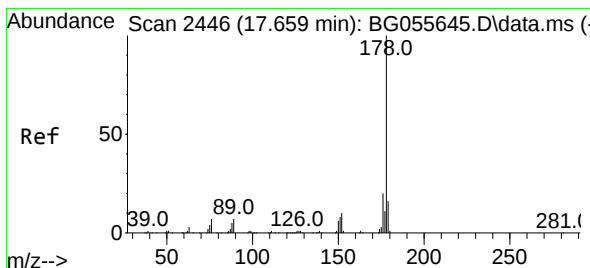
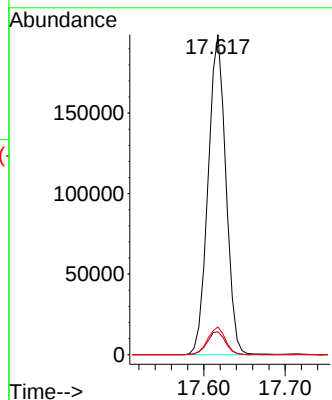
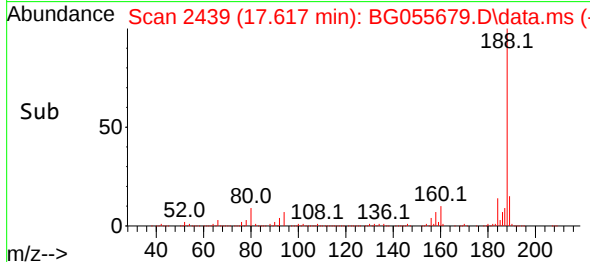
Instrument :
BNA_G
ClientSampleId :
SB-01



Tgt Ion:188 Resp: 30183
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.6 6.6 10.0

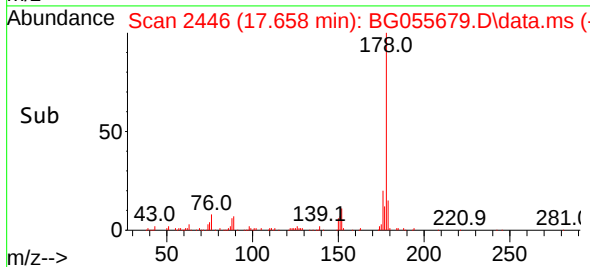
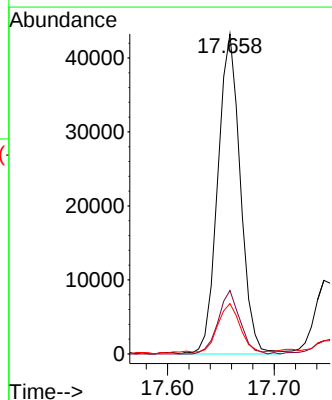
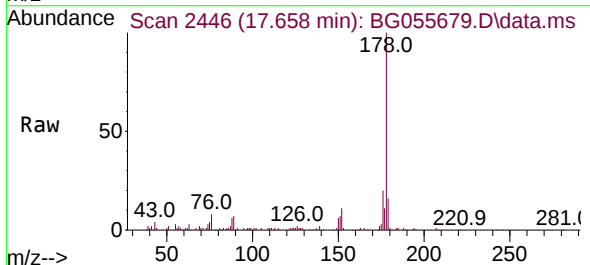
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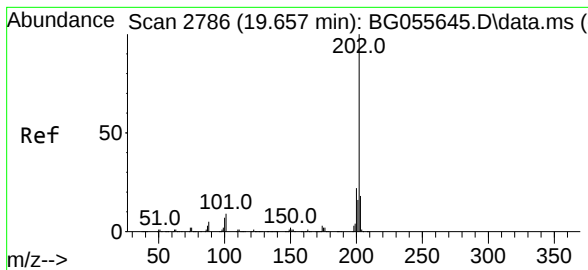
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#71
Phenanthrene
Concen: 3.909 ng
RT: 17.658 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

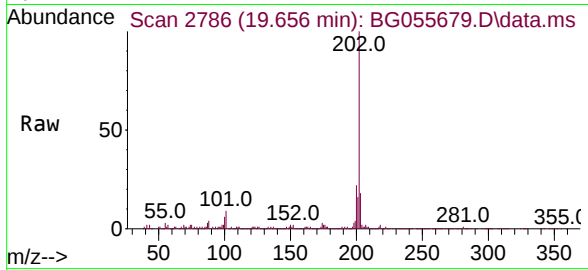
Tgt Ion:178 Resp: 63676
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.7 19.1





#75
Fluoranthene
Concen: 9.894 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

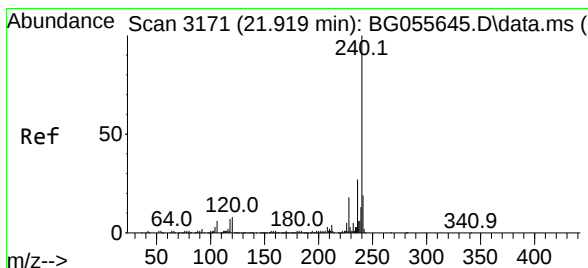
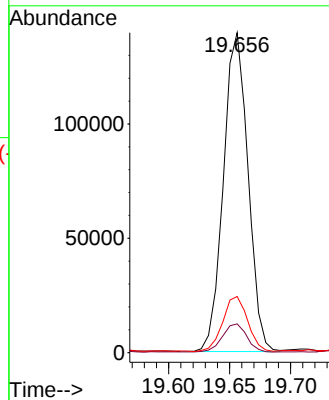
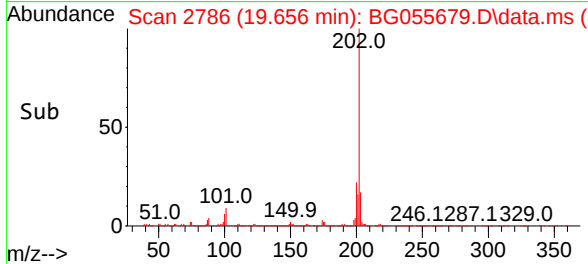
Instrument :
BNA_G
ClientSampleId :
SB-01



Tgt Ion:202 Resp: 196063
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 17.5 0.0 38.1

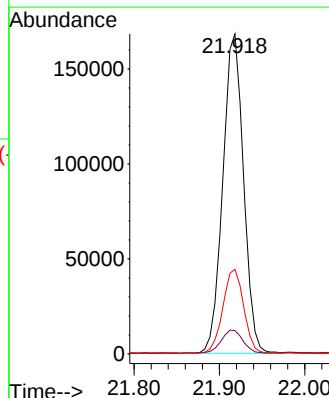
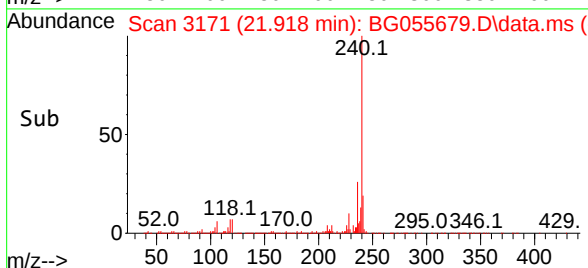
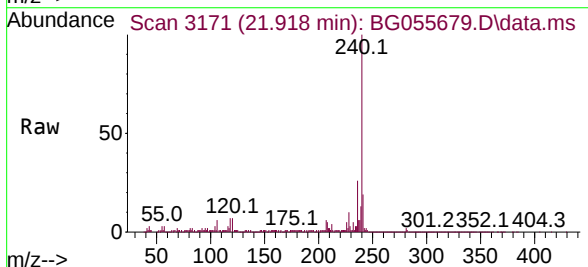
Manual Integrations
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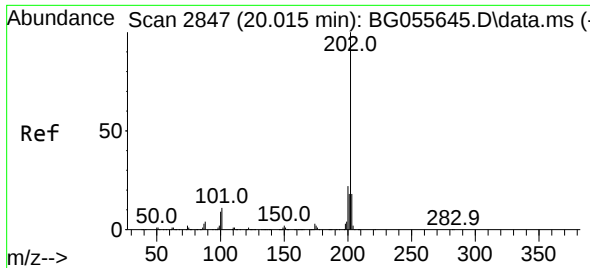
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

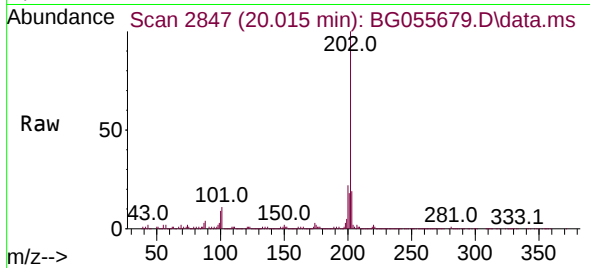
Tgt Ion:240 Resp: 283369
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.4 21.9 32.9





#78
 Pyrene
 Concen: 11.968 ng
 RT: 20.015 min Scan# 2847
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07

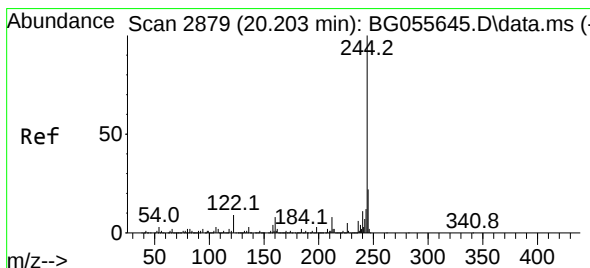
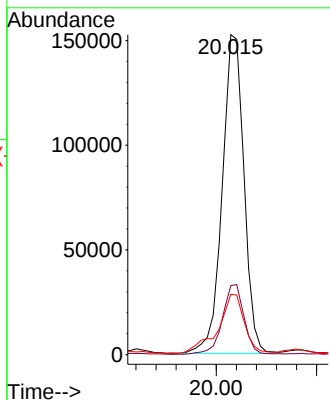
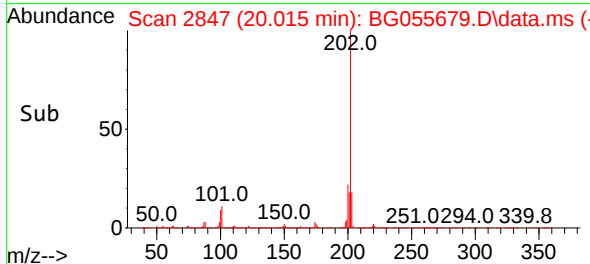
Instrument :
 BNA_G
 ClientSampleId :
 SB-01



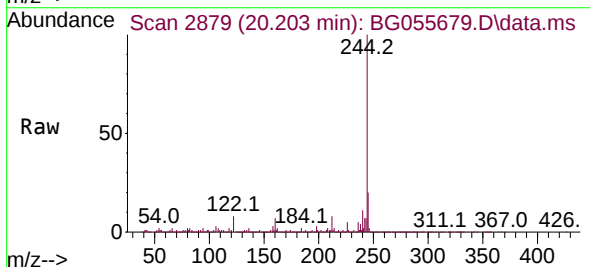
Tgt Ion:202 Resp: 229546
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.8 26.6
 203 18.8 14.4 21.6

Manual Integrations
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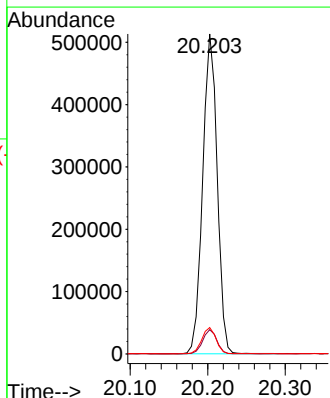
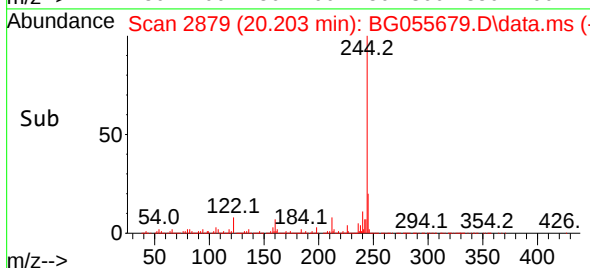
Reviewed By :Christian Giraldo 11/18/2022
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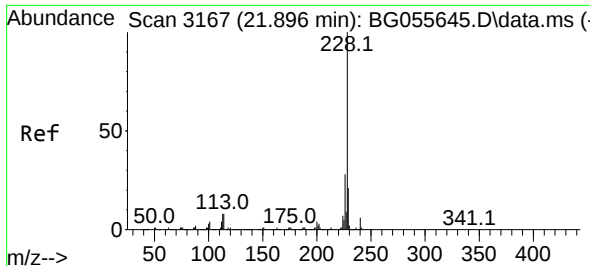


#79
 Terphenyl-d14
 Concen: 46.936 ng
 RT: 20.203 min Scan# 2879
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07



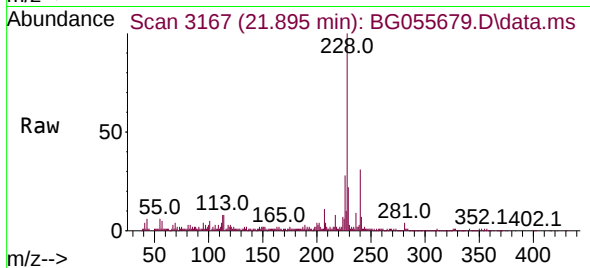
Tgt Ion:244 Resp: 664972
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.2 6.9 10.3





#81
Benzo(a)anthracene
Concen: 7.859 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

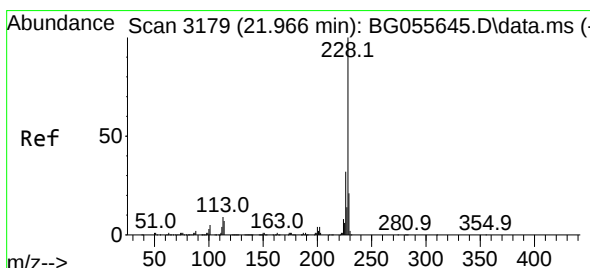
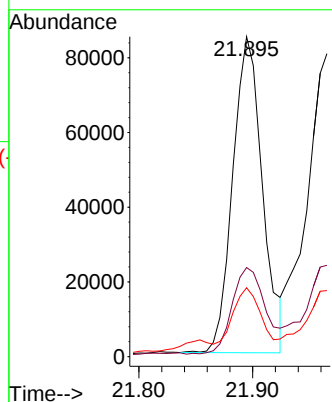
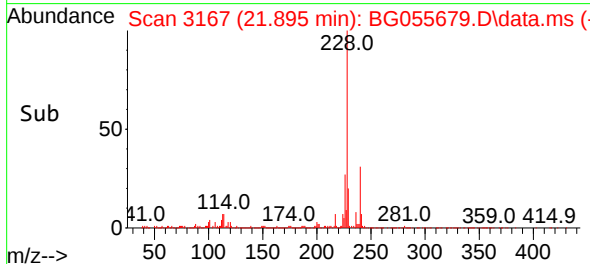
Instrument :
BNA_G
ClientSampleId :
SB-01



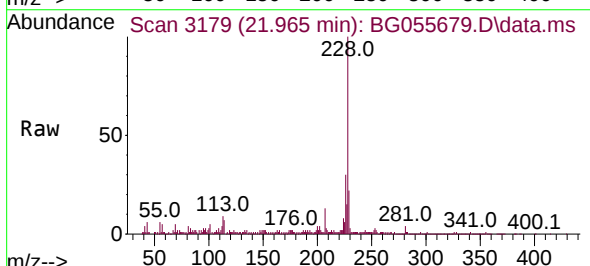
Tgt Ion:228 Resp: 153387
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 21.5 16.5 24.7

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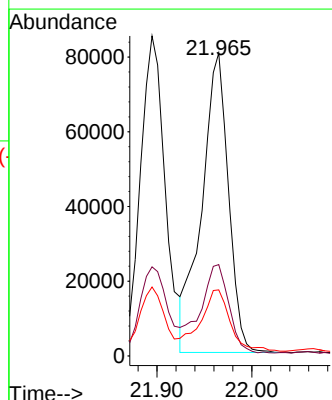
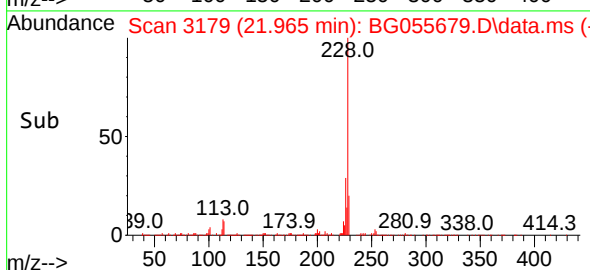
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

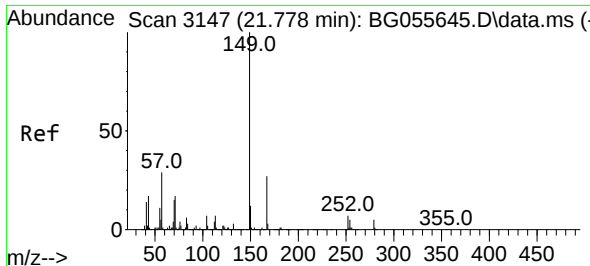


#83
Chrysene
Concen: 8.492 ng
RT: 21.965 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07



Tgt Ion:228 Resp: 157780
Ion Ratio Lower Upper
228 100
226 30.1 25.4 38.2
229 21.8 17.1 25.7





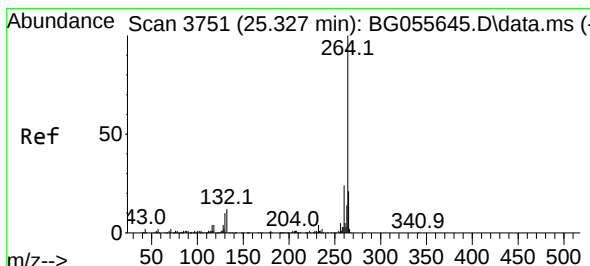
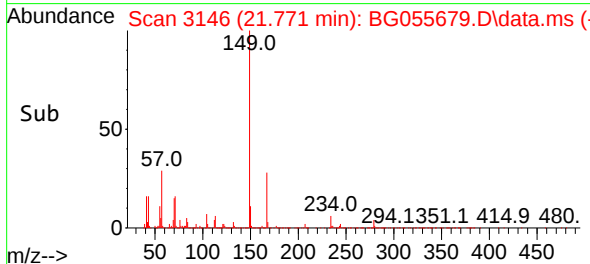
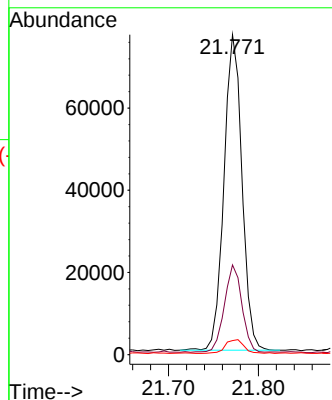
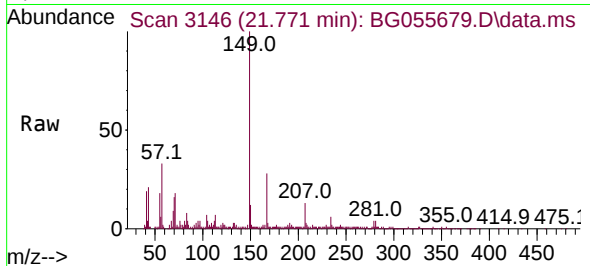
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.944 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Instrument :
BNA_G
ClientSampleId :
SB-01

Tgt Ion:149 Resp: 107308
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 4.4 3.7 5.5

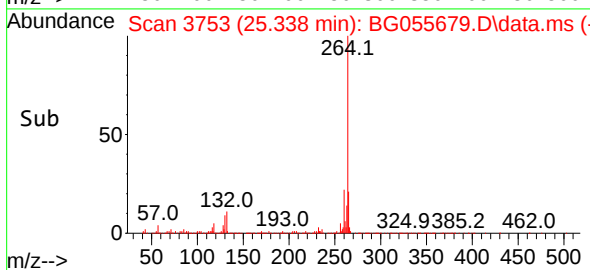
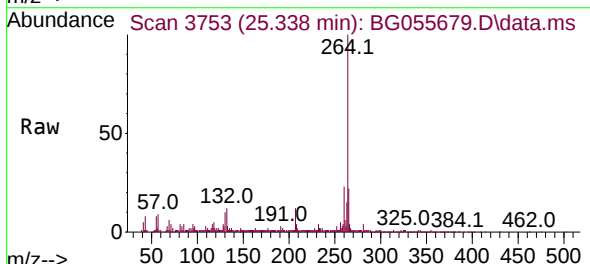
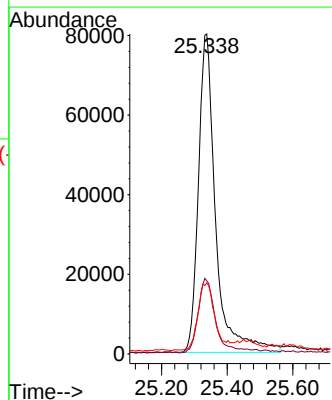
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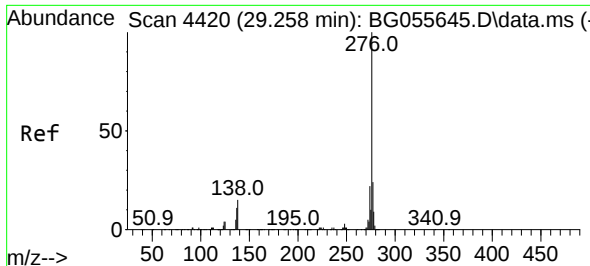
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3753
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

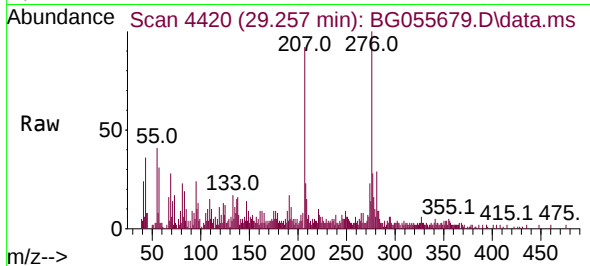
Tgt Ion:264 Resp: 290376
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 22.2 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.615 ng
 RT: 29.257 min Scan# 4420
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07

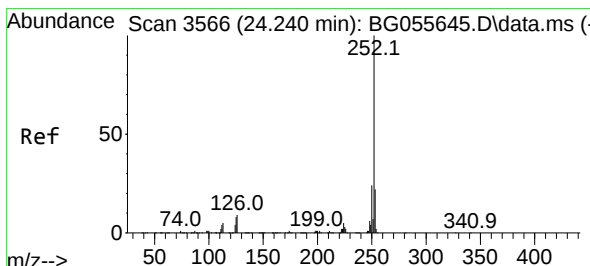
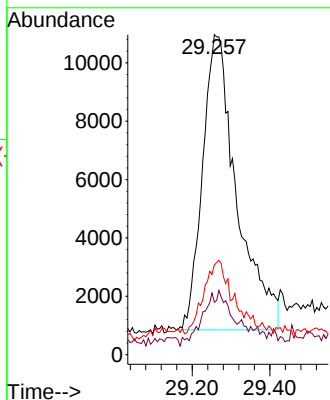
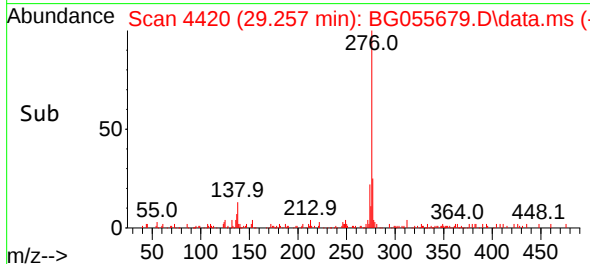
Instrument :
 BNA_G
 ClientSampleId :
 SB-01



Tgt Ion: 276 Resp: 62196
 Ion Ratio Lower Upper
 276 100
 138 7.1 10.4 15.6
 277 21.3 20.2 30.4

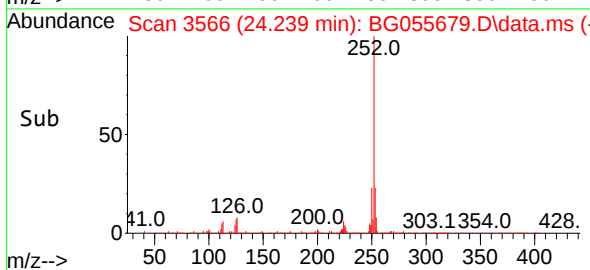
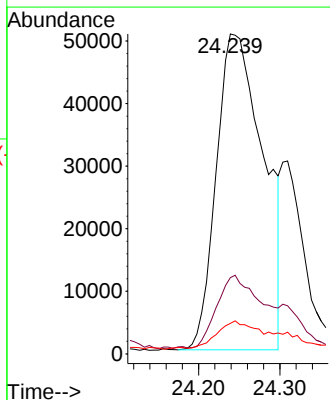
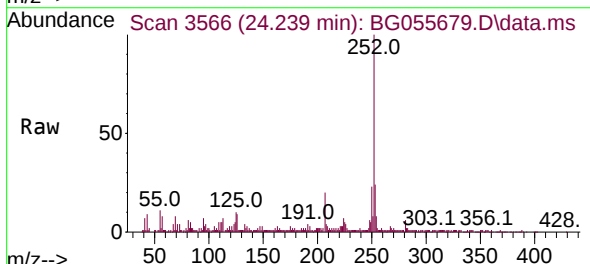
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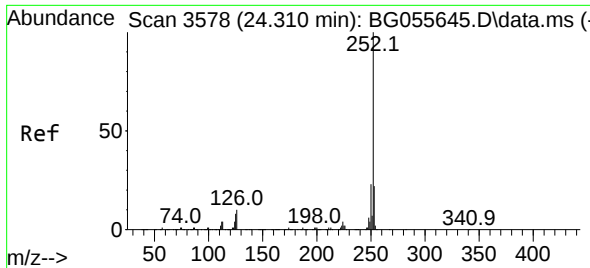
Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022



#88
 Benzo(b)fluoranthene
 Concen: 10.736 ng
 RT: 24.239 min Scan# 3566
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07

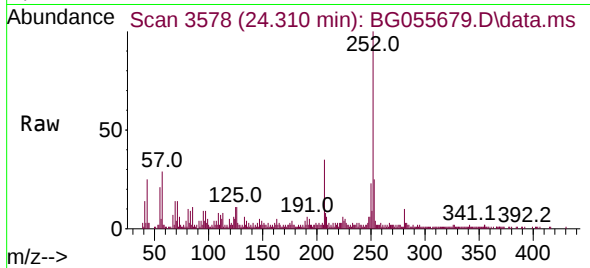
Tgt Ion: 252 Resp: 203028
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.0 27.0
 125 9.5 6.2 9.2#





#89
Benzo(k)fluoranthene
Concen: 3.325 ng m
RT: 24.310 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

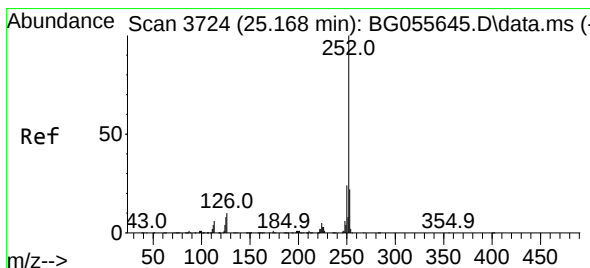
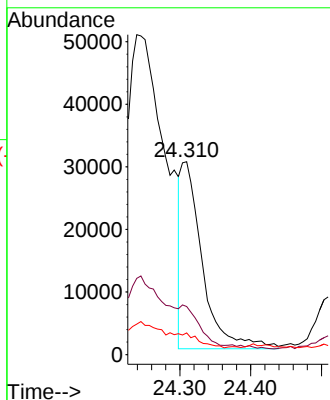
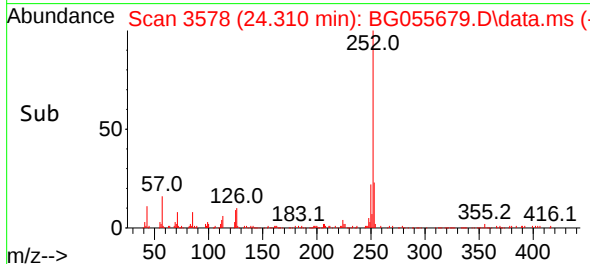
Instrument :
BNA_G
ClientSampleId :
SB-01



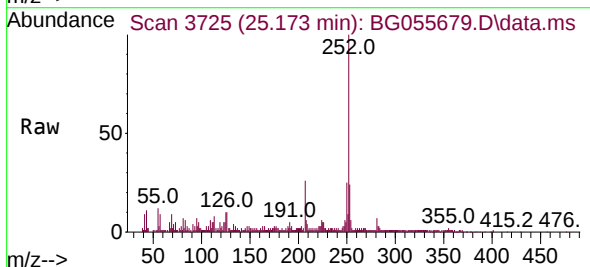
Tgt Ion:252 Resp: 6267
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 11.3 6.1 9.1

Manual Integrations
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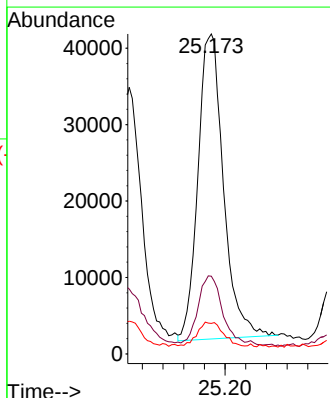
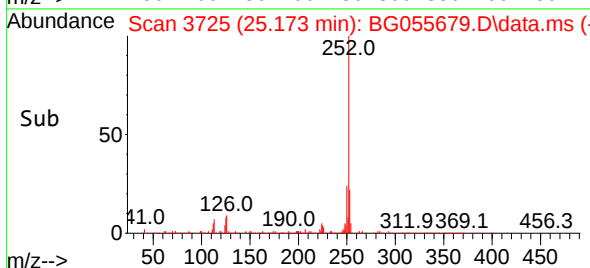
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

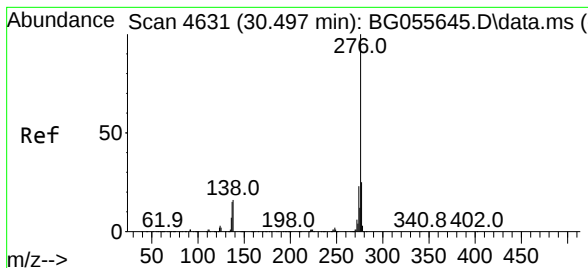


#90
Benzo(a)pyrene
Concen: 8.429 ng
RT: 25.173 min Scan# 3725
Delta R.T. 0.005 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07



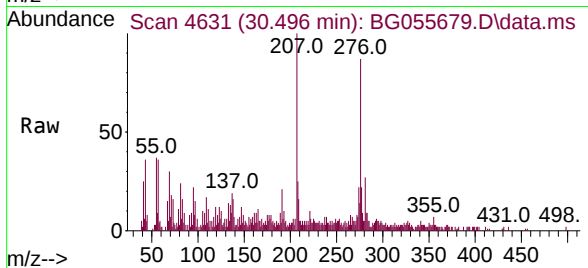
Tgt Ion:252 Resp: 136790
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 9.5 6.4 9.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.230 ng m
 RT: 30.496 min Scan# 4631
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-01



Tgt Ion: 276 Resp: 63274

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.6
138	18.0	13.1	19.7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

