

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055675.D
 Acq On : 17 Nov 2022 21:21
 Operator : CG/JU
 Sample : N5607-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37

Quant Time: Nov 18 03:17:30 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	49410	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	201327	20.000	ng	0.00
39) Acenaphthene-d10	14.872	164	134642	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	284145	20.000	ng	0.00
76) Chrysene-d12	21.916	240	275969	20.000	ng	0.00
86) Perylene-d12	25.330	264	302224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	266176	97.373	ng	0.00
7) Phenol-d6	7.398	99	346770	95.297	ng	0.00
23) Nitrobenzene-d5	9.425	82	217949	57.219	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	167282	88.232	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	535897	59.628	ng	0.00
79) Terphenyl-d14	20.201	244	799084	57.915	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.657	178	56147	3.662	ng	96
75) Fluoranthene	19.654	202	181293	9.718	ng	99
78) Pyrene	20.013	202	238274	12.756	ng	99
81) Benzo(a)anthracene	21.893	228	154083	8.106	ng	100
83) Chrysene	21.963	228	158475	8.758	ng	98
87) Indeno(1,2,3-cd)pyrene	29.243	276	98868	3.993	ng	96
88) Benzo(b)fluoranthene	24.237	252	202653	10.296	ng	# 96
89) Benzo(k)fluoranthene	24.302	252	65560m	3.342	ng	
90) Benzo(a)pyrene	25.160	252	163767	9.696	ng	98
92) Benzo(g,h,i)perylene	30.477	276	112609	5.522	ng	98

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

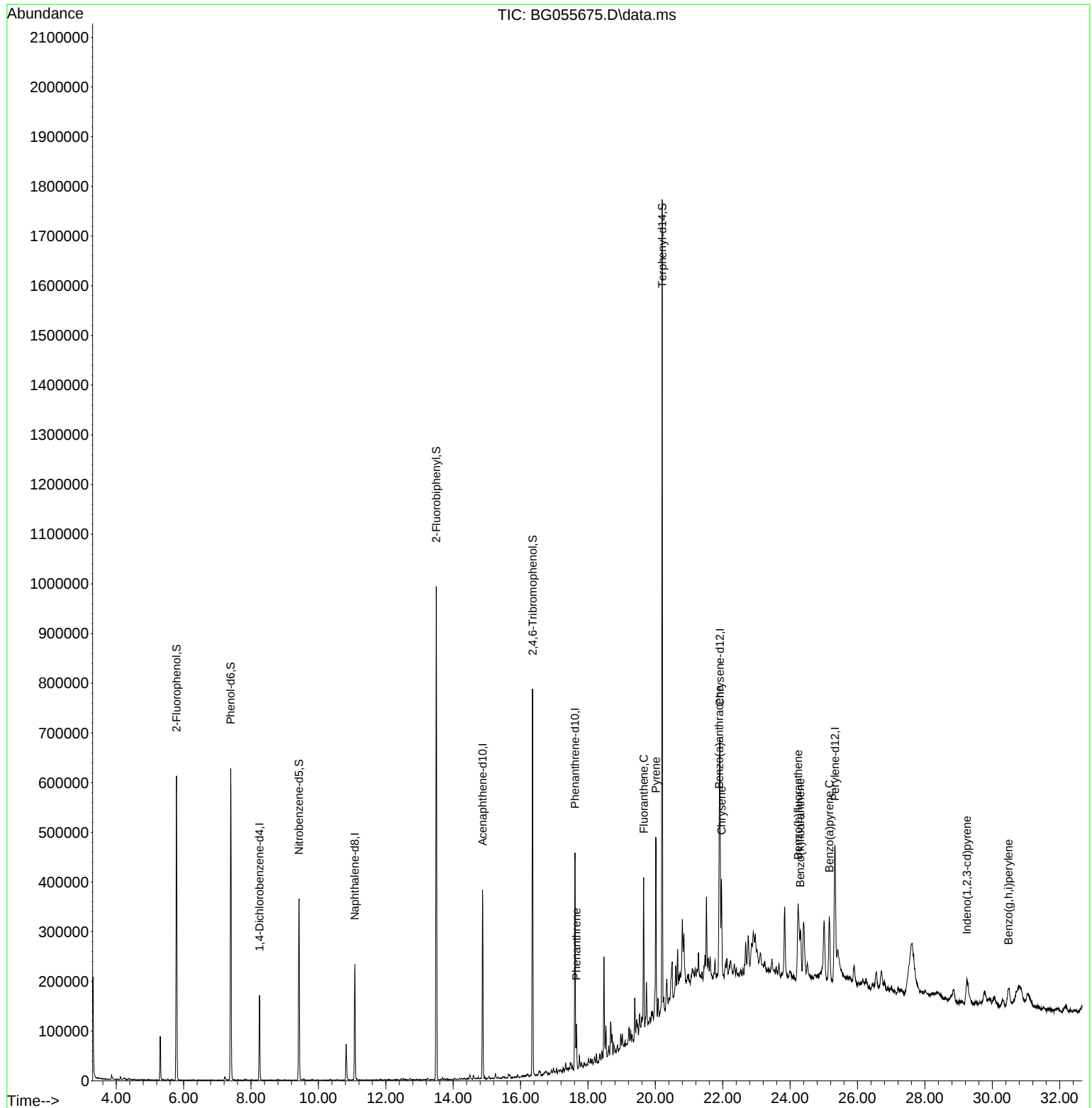
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055675.D
Acq On : 17 Nov 2022 21:21
Operator : CG/JU
Sample : N5607-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

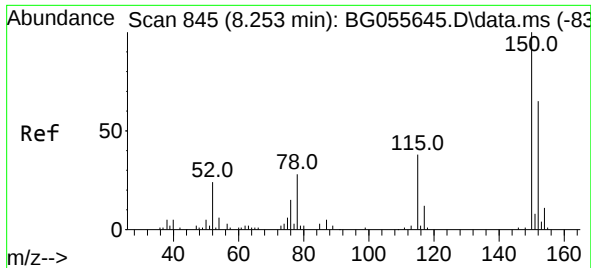
Instrument :
BNA_G
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SB-37

Quant Time: Nov 18 03:17:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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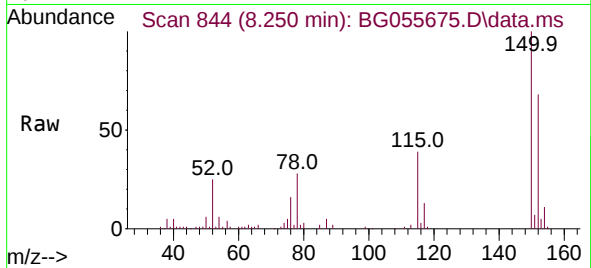
Reviewed By : Christian Giraldo 11/18/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

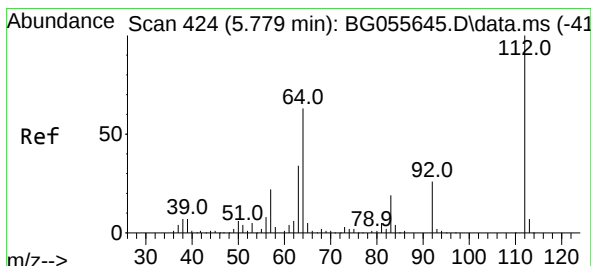
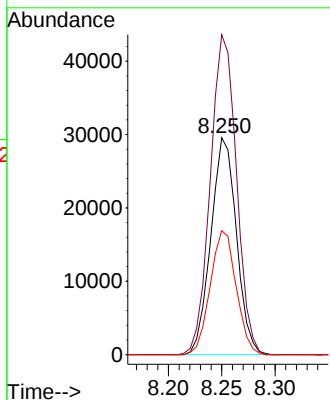
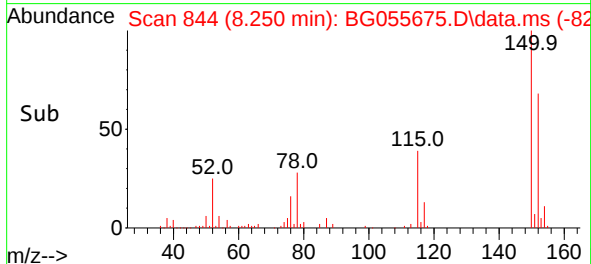
Instrument :
BNA_G
ClientSampleId :
SB-37



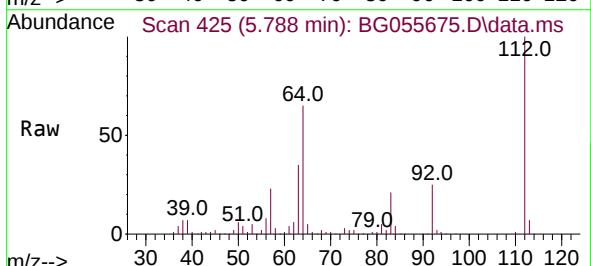
Tgt Ion:152 Resp: 49410
Ion Ratio Lower Upper
152 100
150 147.5 123.0 184.6
115 57.2 47.0 70.4

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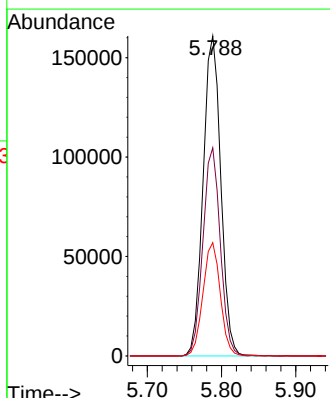
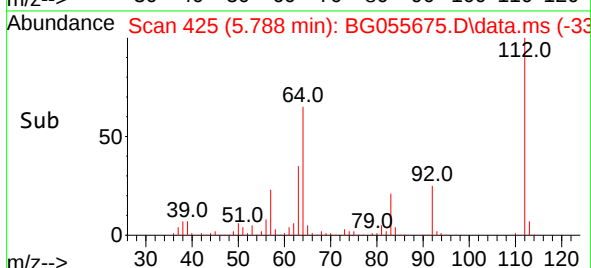
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

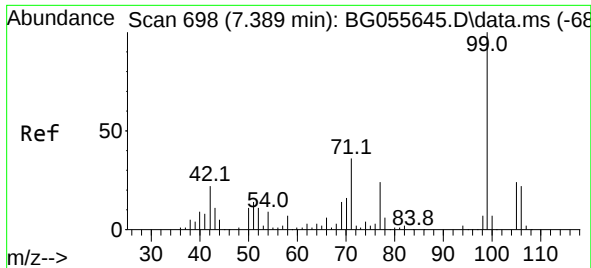


#5
2-Fluorophenol
Concen: 97.373 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21



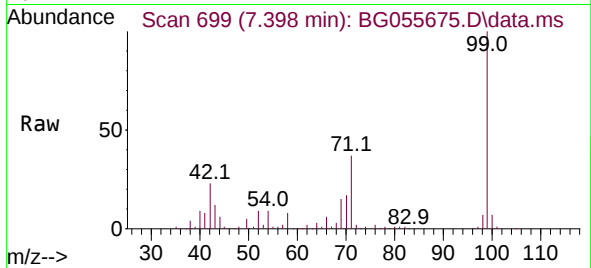
Tgt Ion:112 Resp: 266176
Ion Ratio Lower Upper
112 100
64 65.0 50.6 76.0
63 35.4 27.5 41.3





#7
Phenol-d6
Concen: 95.297 ng
RT: 7.398 min Scan# 698
Delta R.T. 0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

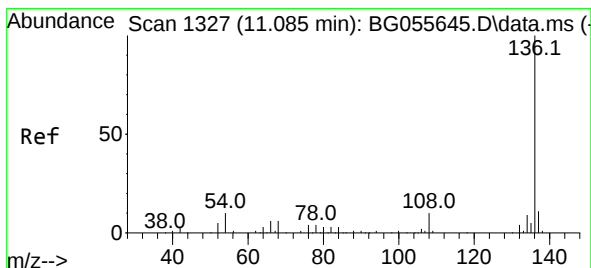
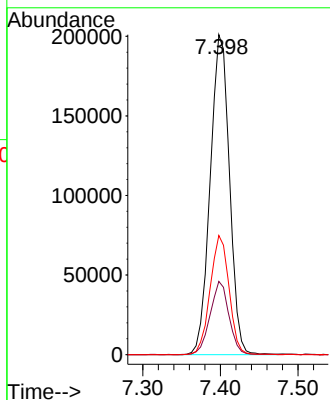
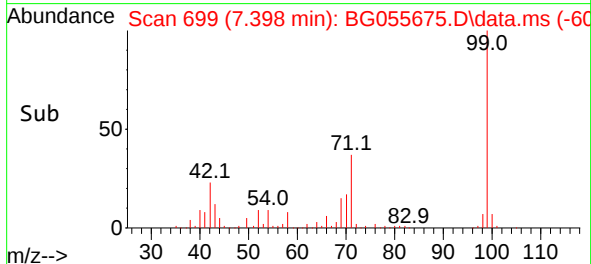
Instrument :
BNA_G
ClientSampleId :
SB-37



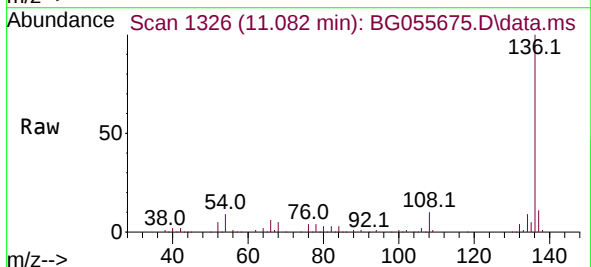
Tgt Ion: 99 Resp: 346776
Ion Ratio Lower Upper
99 100
42 22.9 18.0 27.0
71 37.2 29.0 43.6

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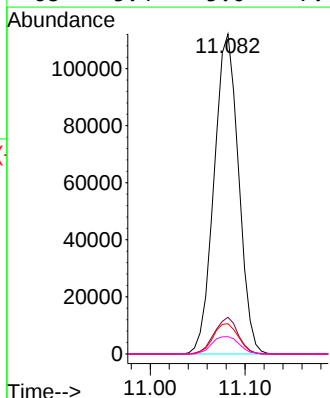
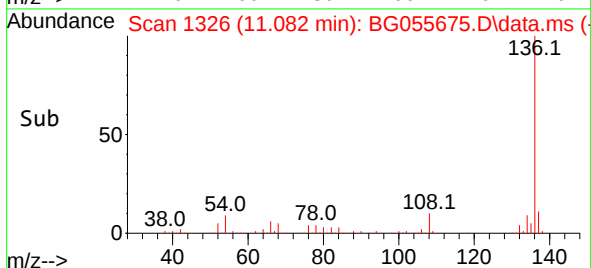
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

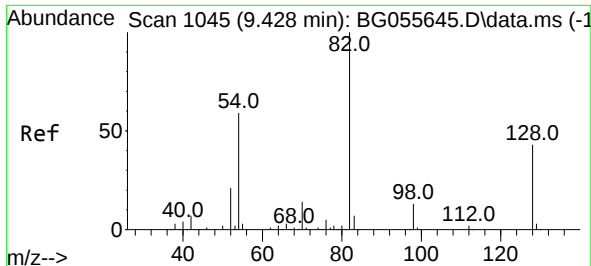


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1326
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21



Tgt Ion:136 Resp: 201327
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.219 ng

RT: 9.425 min Scan# 1045

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

SB-37

Tgt Ion: 82 Resp: 217949

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

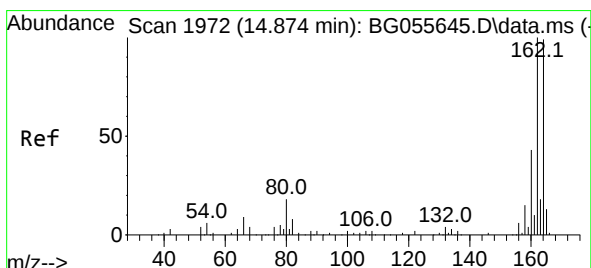
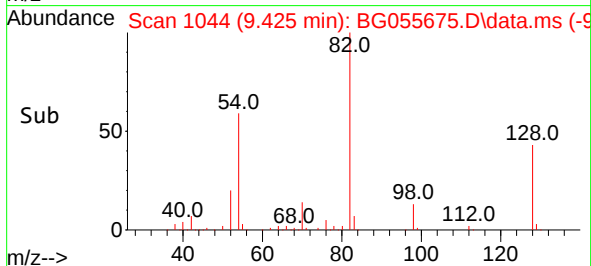
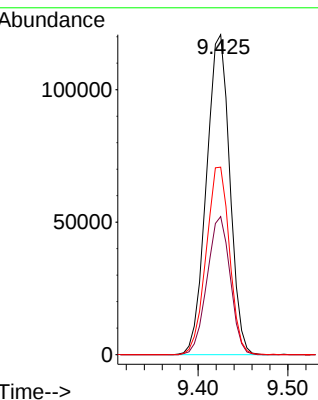
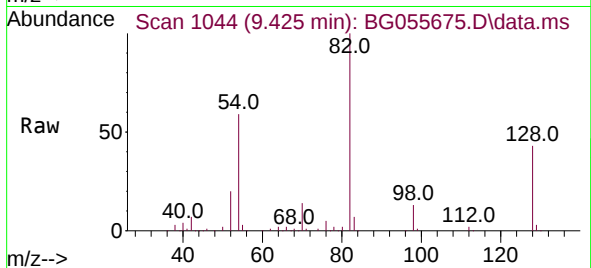
54 58.6 47.3 70.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1971

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

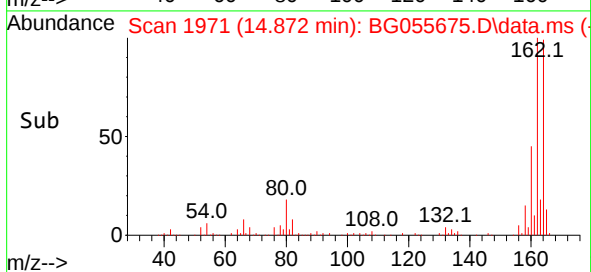
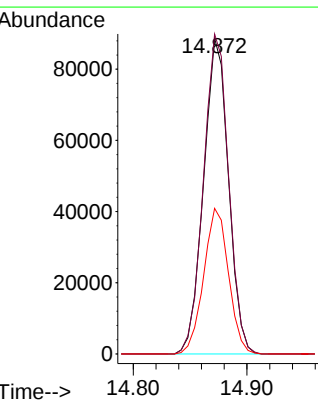
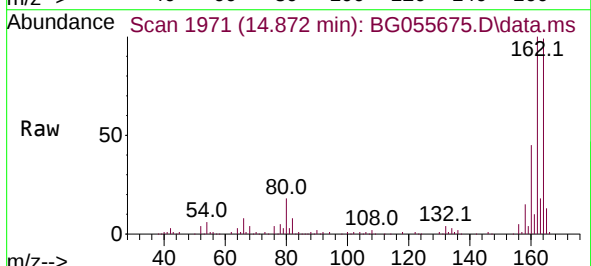
Tgt Ion:164 Resp: 134642

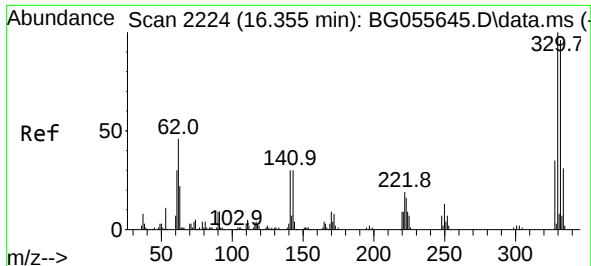
Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 46.1 34.8 52.2





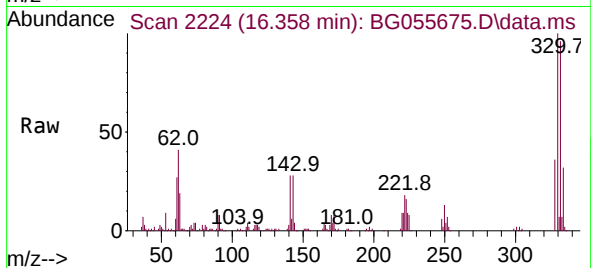
#42
2,4,6-Tribromophenol
Concen: 88.232 ng
RT: 16.358 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

SB-37

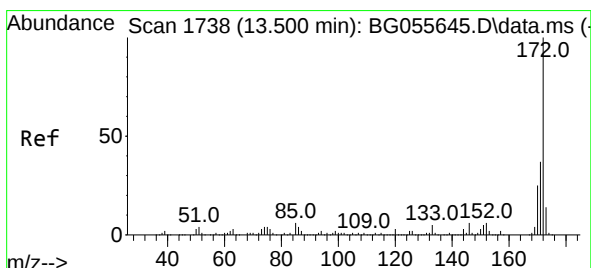
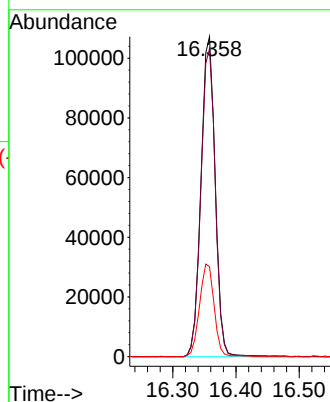
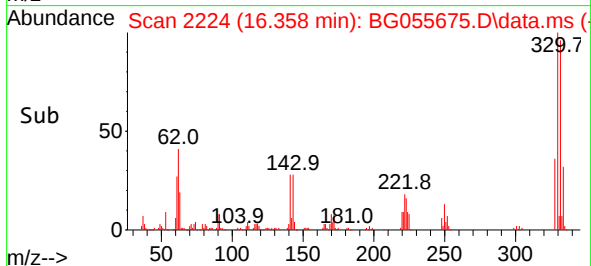


Tgt Ion:330 Resp: 167282
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.7 23.9 35.9

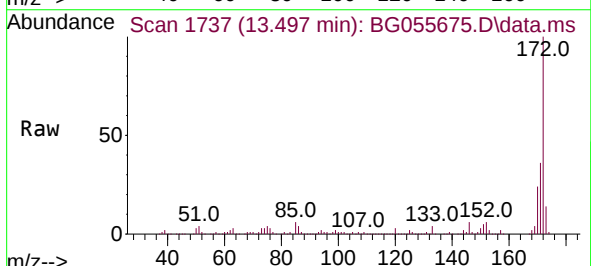
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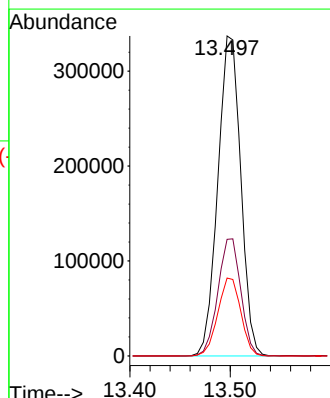
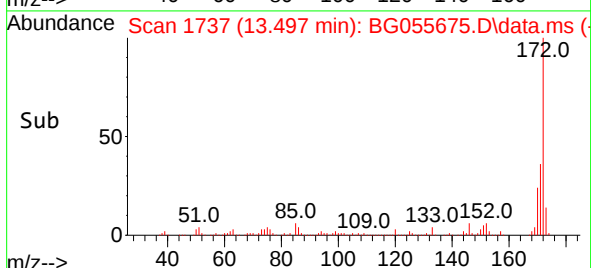
Reviewed By :Christian Giraldo 11/18/2022
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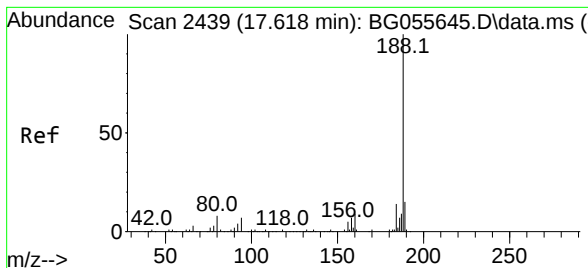


#45
2-Fluorobiphenyl
Concen: 59.628 ng
RT: 13.497 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21



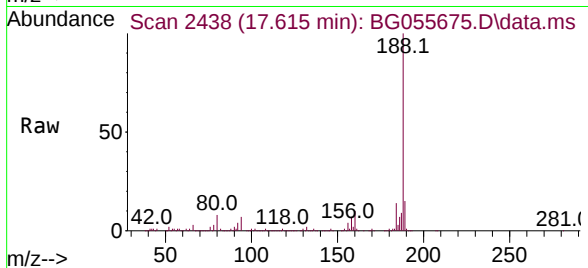
Tgt Ion:172 Resp: 535897
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.3 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

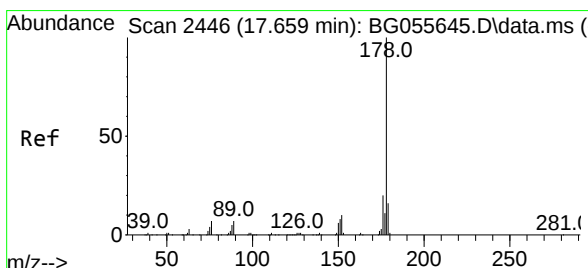
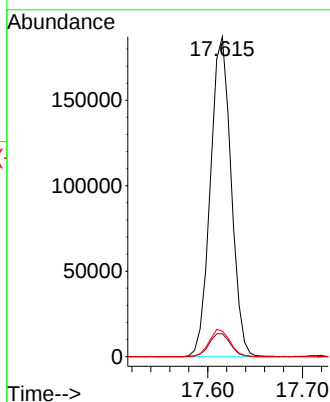
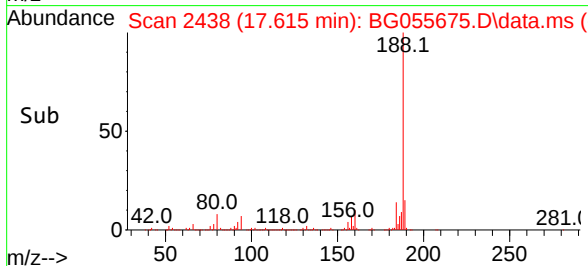
Instrument :
BNA_G
ClientSampleId :
SB-37



Tgt Ion:188 Resp: 284145
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.0 6.6 10.0

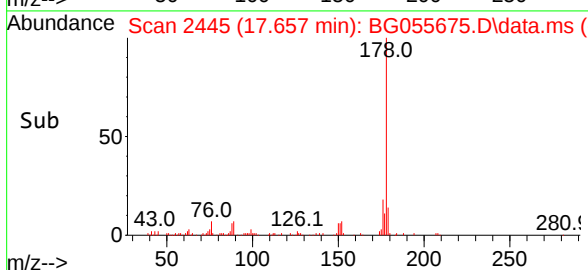
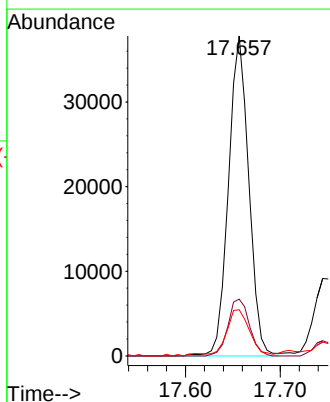
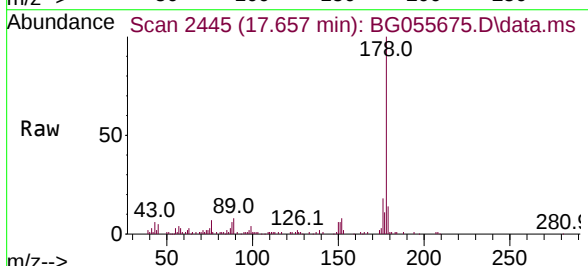
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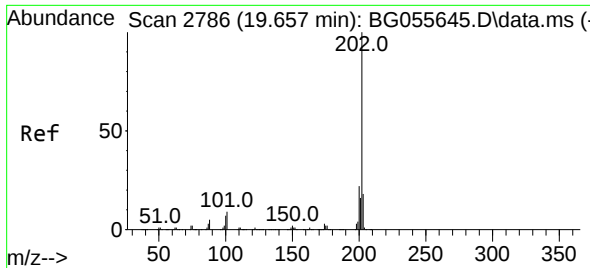
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#71
Phenanthrene
Concen: 3.662 ng
RT: 17.657 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

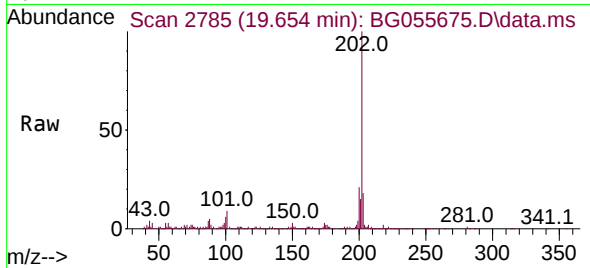
Tgt Ion:178 Resp: 56147
Ion Ratio Lower Upper
178 100
176 17.7 16.0 24.0
179 14.4 12.7 19.1





#75
Fluoranthene
Concen: 9.718 ng
RT: 19.654 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

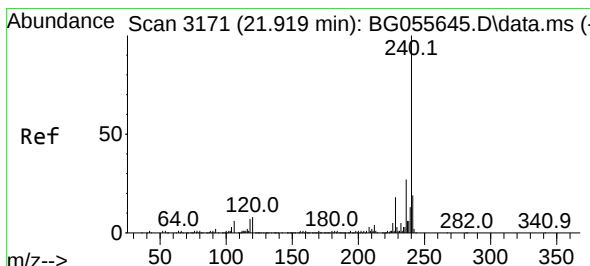
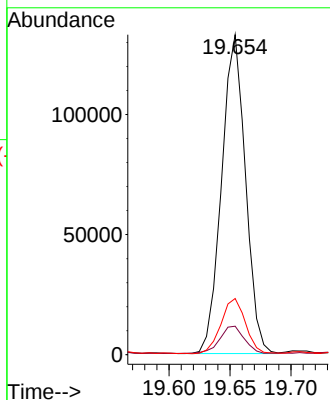
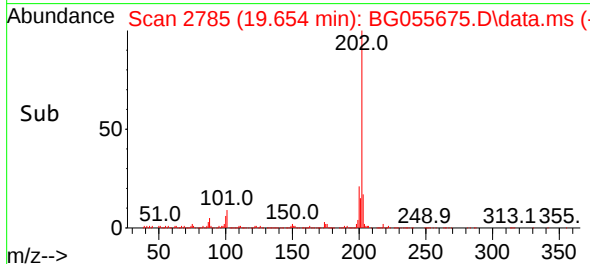
Instrument :
BNA_G
ClientSampleId :
SB-37



Tgt Ion:202 Resp: 181293
Ion Ratio Lower Upper
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101 8.9 0.0 28.8
203 17.5 0.0 38.1

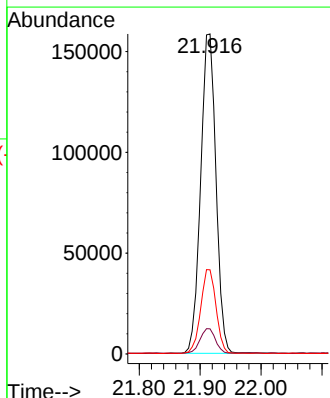
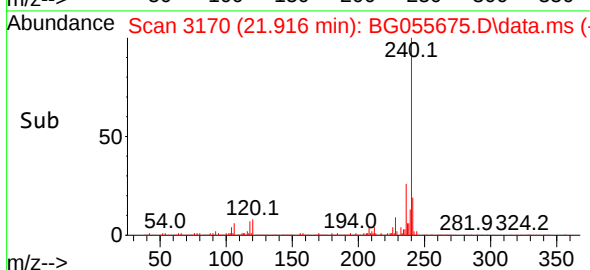
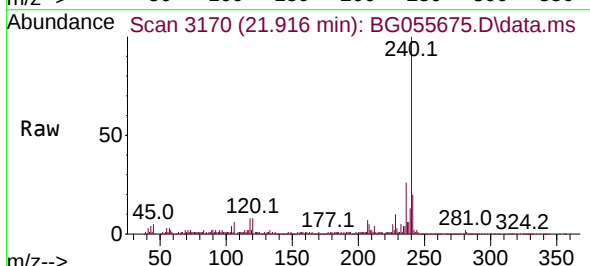
Manual Integrations
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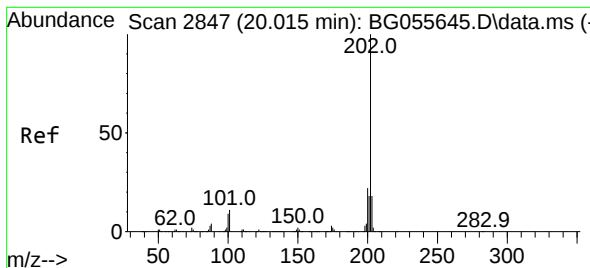
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:240 Resp: 275969
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.3 21.9 32.9





#78

Pyrene

Concen: 12.756 ng

RT: 20.013 min Scan# 2847

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

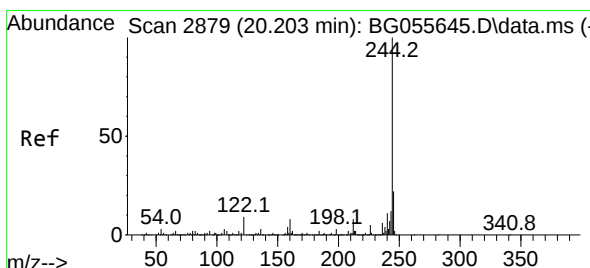
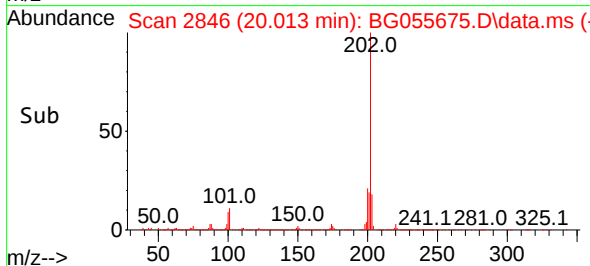
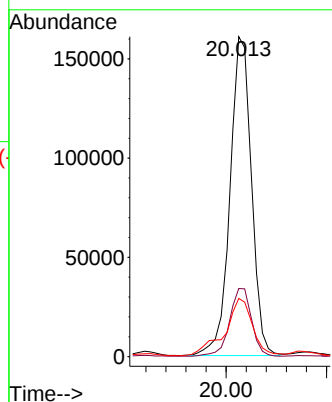
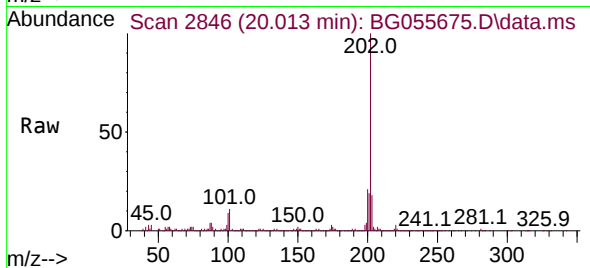
SB-37

Tgt Ion:202 Resp: 238274
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 18.2 14.4 21.6

Manual Integrations

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#79

Terphenyl-d14

Concen: 57.915 ng

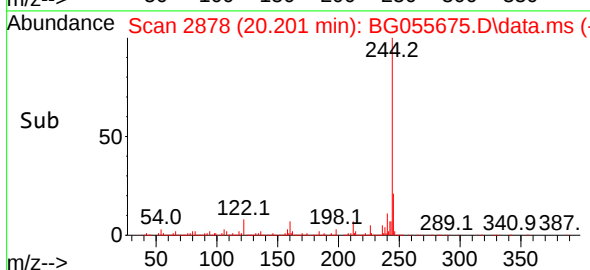
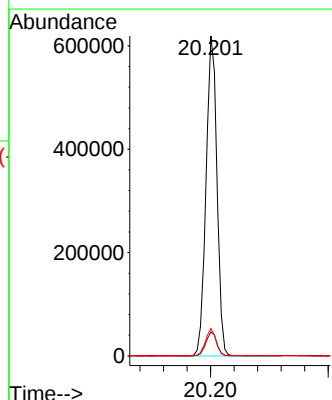
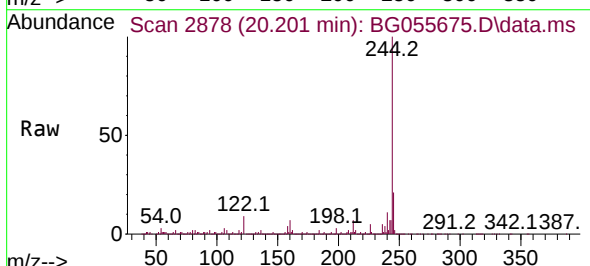
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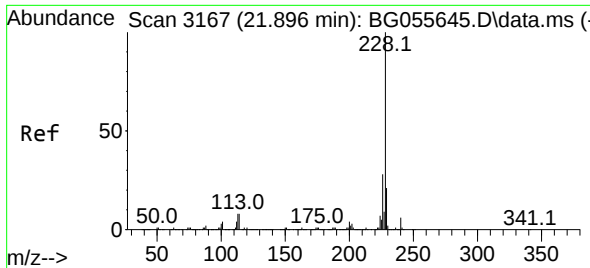
Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

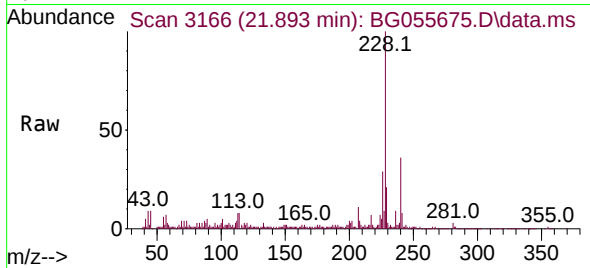
Tgt Ion:244 Resp: 799084
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.5 6.9 10.3





#81
Benzo(a)anthracene
Concen: 8.106 ng
RT: 21.893 min Scan# 3167
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

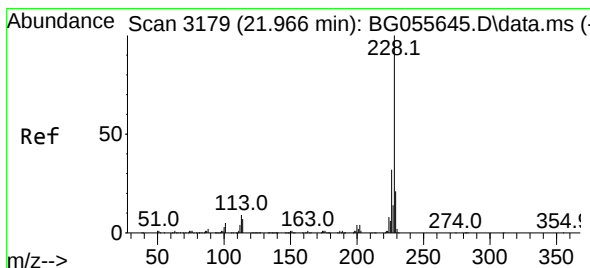
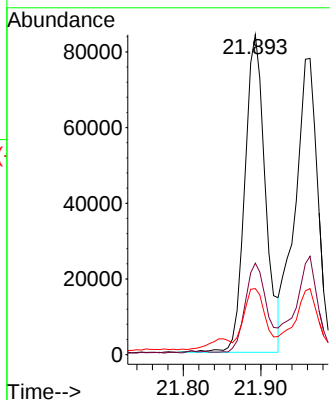
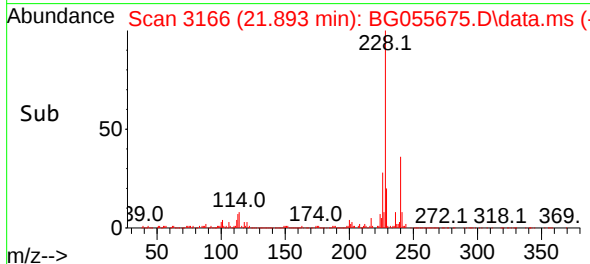
Instrument :
BNA_G
ClientSampleId :
SB-37



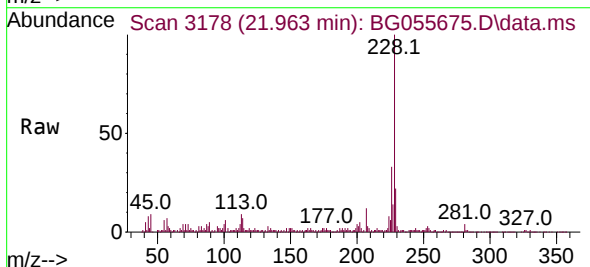
Tgt Ion:228 Resp: 154083
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.6 16.5 24.7

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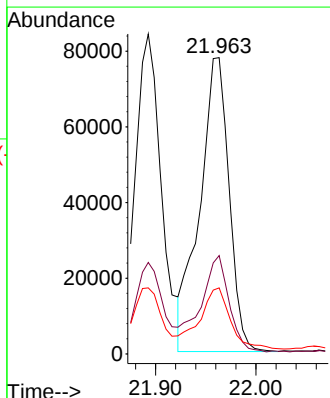
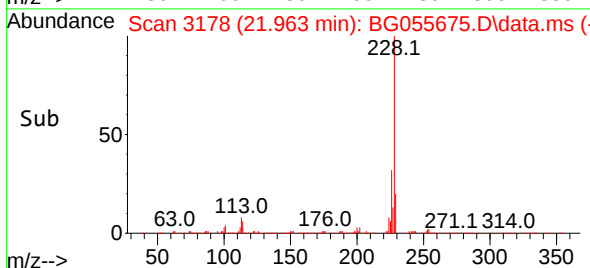
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

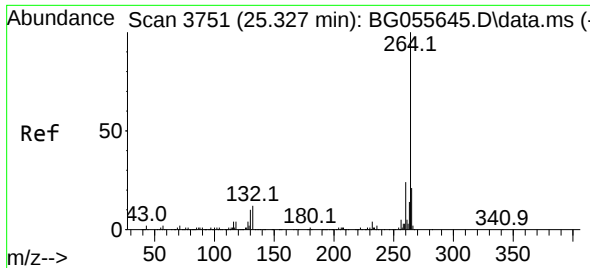


#83
Chrysene
Concen: 8.758 ng
RT: 21.963 min Scan# 3178
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21



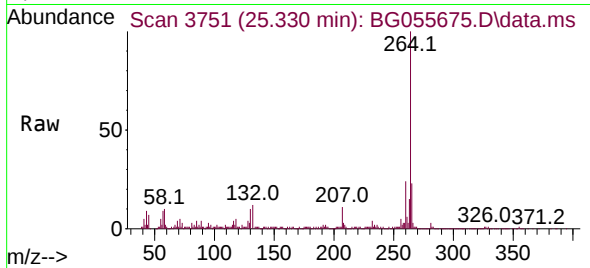
Tgt Ion:228 Resp: 158475
Ion Ratio Lower Upper
228 100
226 33.2 25.4 38.2
229 22.3 17.1 25.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.330 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

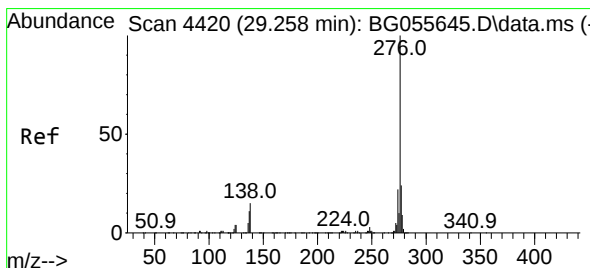
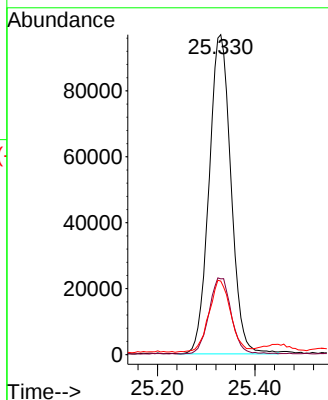
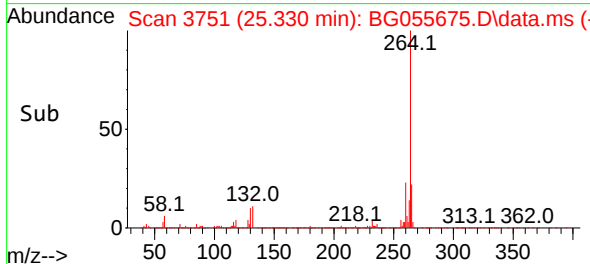
Instrument :
BNA_G
ClientSampleId :
SB-37



Tgt Ion:264 Resp: 302224
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 23.0 17.1 25.7

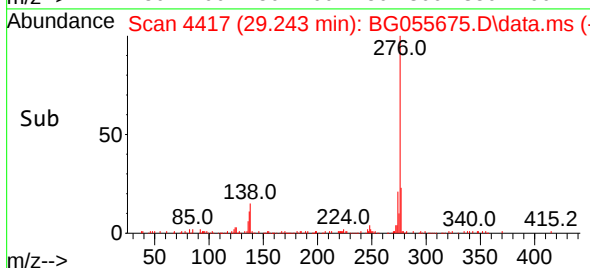
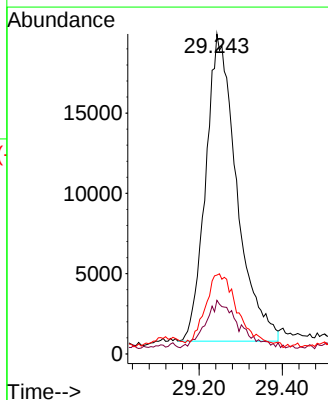
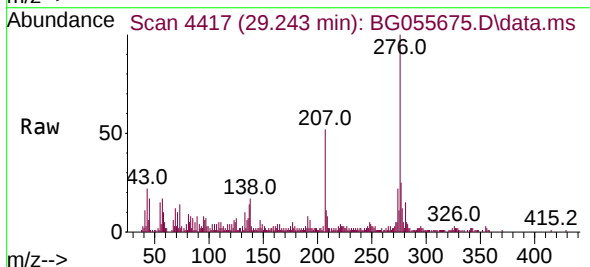
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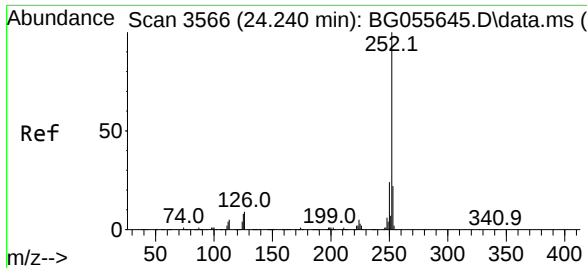
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.993 ng
RT: 29.243 min Scan# 4417
Delta R.T. -0.015 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

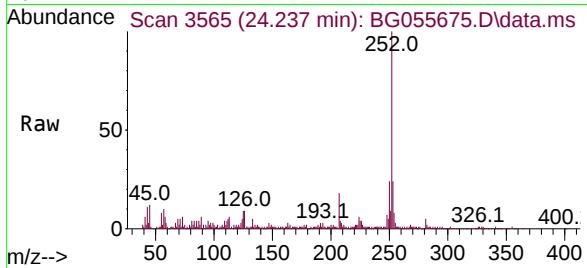
Tgt Ion:276 Resp: 98868
Ion Ratio Lower Upper
276 100
138 13.2 10.4 15.6
277 22.3 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 10.296 ng
RT: 24.237 min Scan# 3565
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

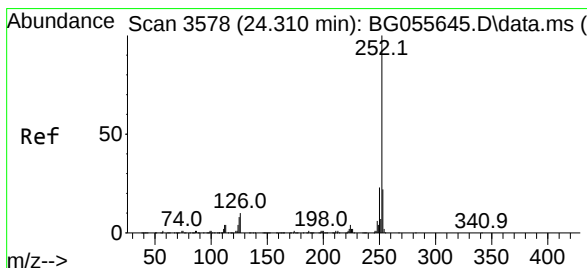
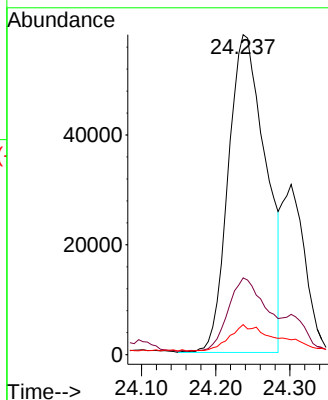
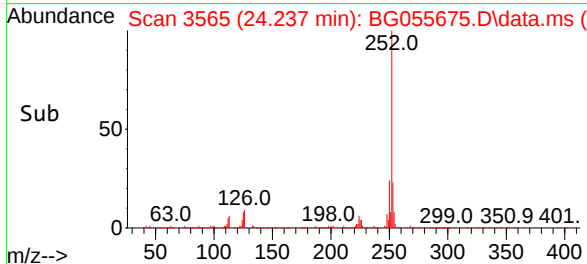
Instrument :
BNA_G
ClientSampleId :
SB-37



Tgt Ion:252 Resp: 202653
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 9.4 6.2 9.2

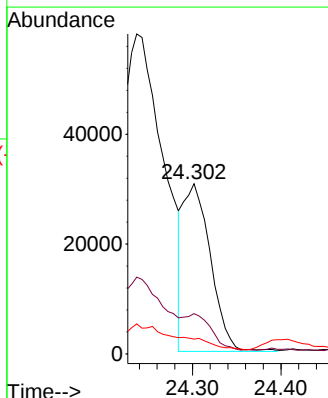
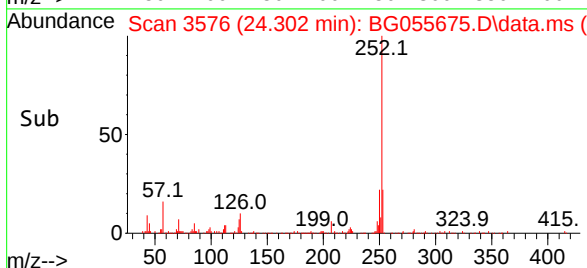
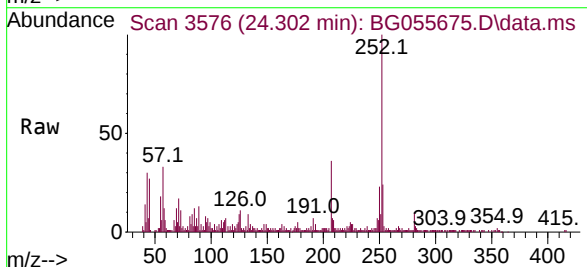
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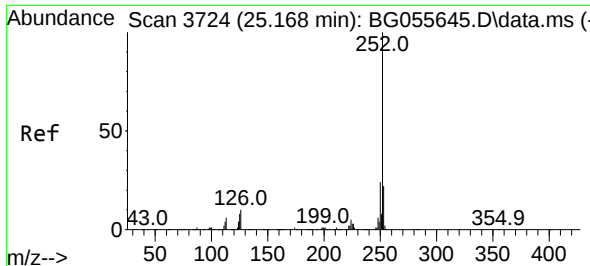
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#89
Benzo(k)fluoranthene
Concen: 3.342 ng m
RT: 24.302 min Scan# 3576
Delta R.T. -0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

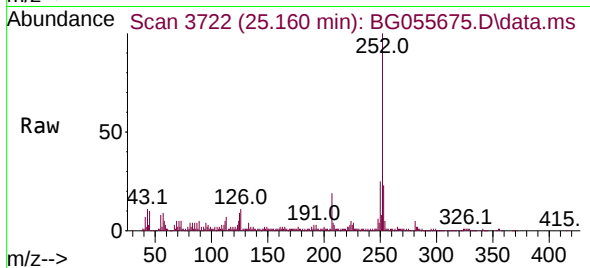
Tgt Ion:252 Resp: 65560
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 8.7 6.1 9.1





#90
Benzo(a)pyrene
Concen: 9.696 ng
RT: 25.160 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

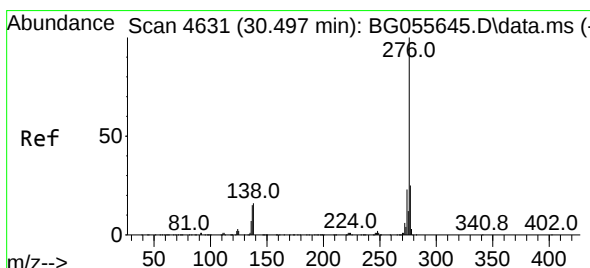
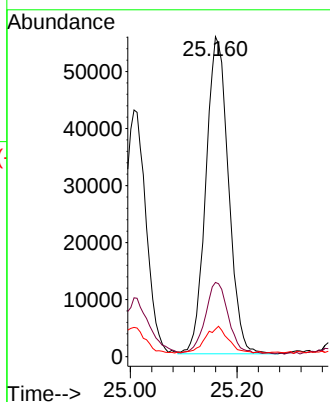
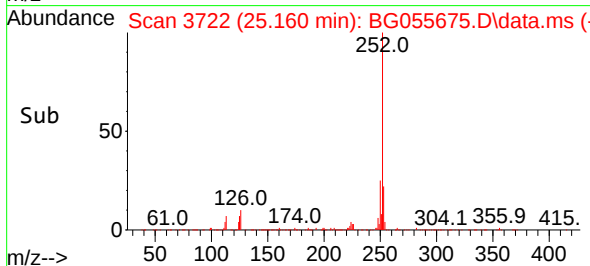
Instrument :
BNA_G
ClientSampleId :
SB-37



Tgt Ion:252 Resp: 163762
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 8.6 6.4 9.6

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



#92
Benzo(g,h,i)perylene
Concen: 5.522 ng
RT: 30.477 min Scan# 4627
Delta R.T. -0.020 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:276 Resp: 112609
Ion Ratio Lower Upper
276 100
277 25.0 19.8 29.6
138 18.4 13.1 19.7

