

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055615.D
 Acq On : 14 Nov 2022 22:11
 Operator : CG/JU
 Sample : N5561-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:06:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	61225	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	254614	20.000	ng	-0.01
39) Acenaphthene-d10	14.886	164	168438	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	354855	20.000	ng	0.00
76) Chrysene-d12	21.930	240	314838	20.000	ng	0.00
86) Perylene-d12	25.356	264	331594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	319354	99.352	ng	0.00
7) Phenol-d6	7.400	99	423106	95.292	ng	0.00
23) Nitrobenzene-d5	9.433	82	275291	73.297	ng	-0.01
42) 2,4,6-Tribromophenol	16.366	330	197427	120.129	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	661622	59.250	ng	0.00
79) Terphenyl-d14	20.215	244	924001	58.948	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.671	178	56978	2.988	ng	100
74) Di-n-butylphthalate	18.564	149	375688	19.399	ng	99
75) Fluoranthene	19.668	202	298616	13.130	ng	99
78) Pyrene	20.027	202	525779	24.675	ng	98
80) Butylbenzylphthalate	20.896	149	24925	6.220	ng	# 95
81) Benzo(a)anthracene	21.907	228	356673	16.539	ng	98
83) Chrysene	21.977	228	388769	18.959	ng	99
84) Bis(2-ethylhexyl)phtha...	21.789	149	25961	2.414	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.304	276	153338	6.071	ng	95
88) Benzo(b)fluoranthene	24.263	252	373335	17.769	ng	99
89) Benzo(k)fluoranthene	24.328	252	142584m	6.638	ng	
90) Benzo(a)pyrene	25.191	252	345620	19.097	ng	100
91) Dibenzo(a,h)anthracene	29.357	278	42336	2.025	ng	# 91
92) Benzo(g,h,i)perylene	30.532	276	167008	8.172	ng	97

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

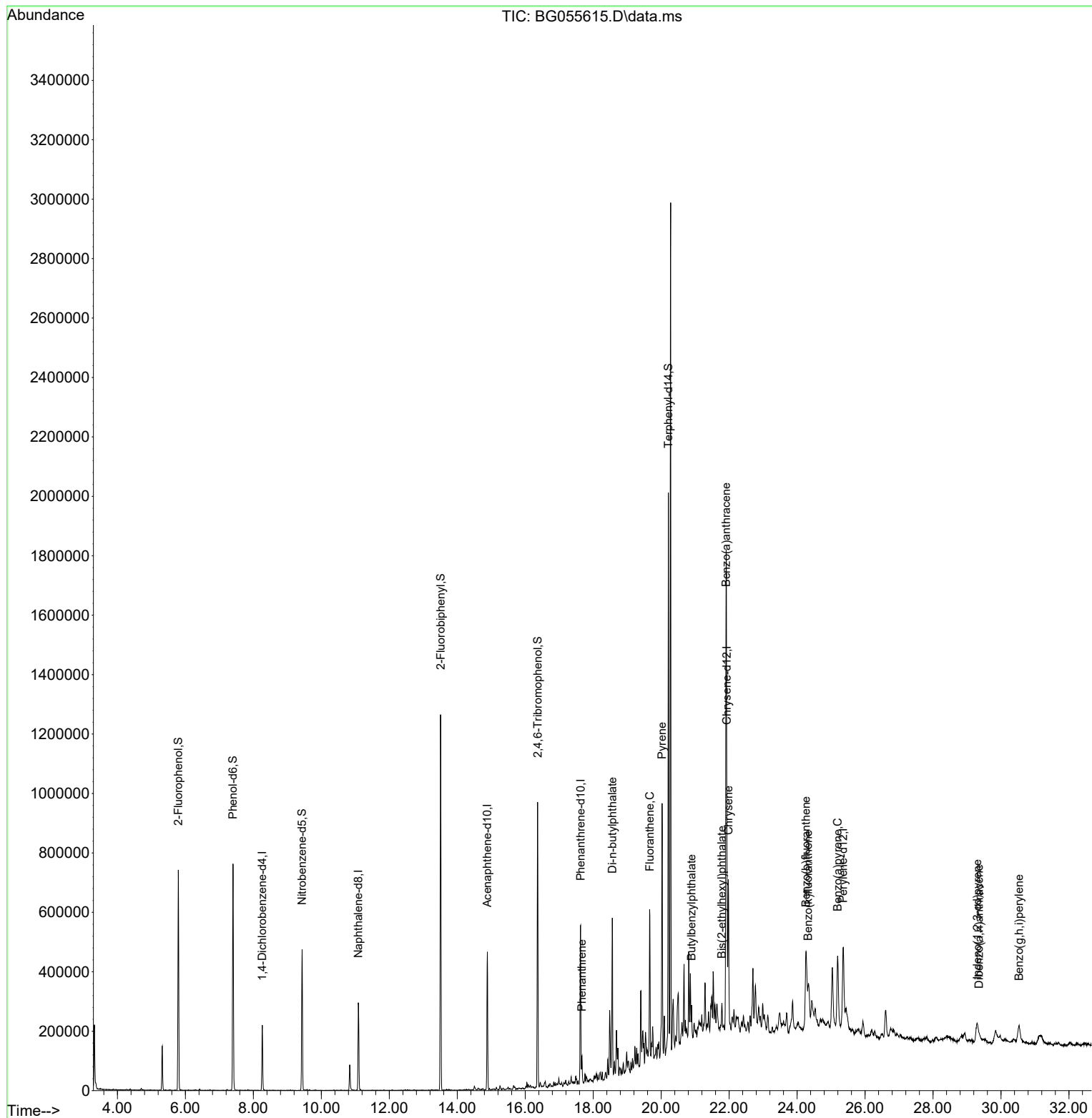
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
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ALS Vial : 15 Sample Multiplier: 1

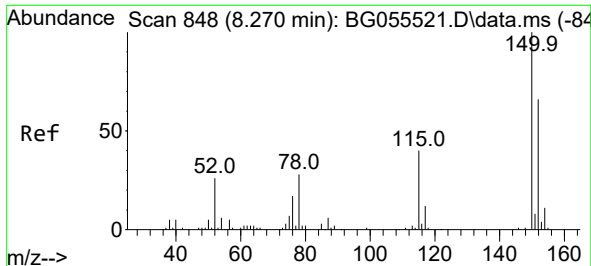
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Quant Time: Nov 15 01:06:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
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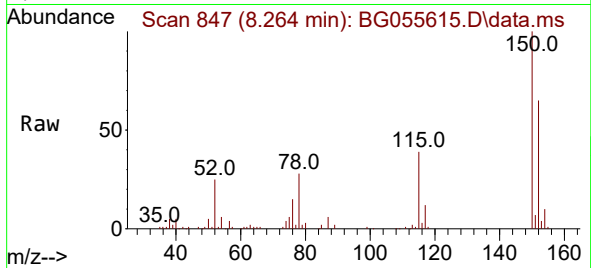
Reviewed By : Christian Giraldo 11/15/2022
Supervised By : Jagrut Upadhyay 11/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 848
Delta R.T. -0.006 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

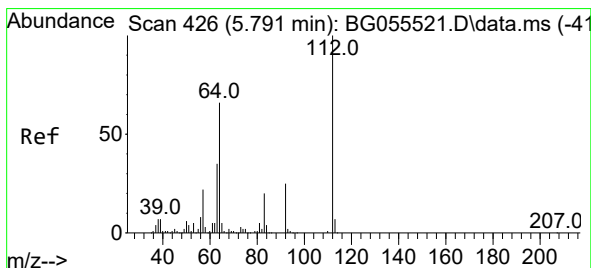
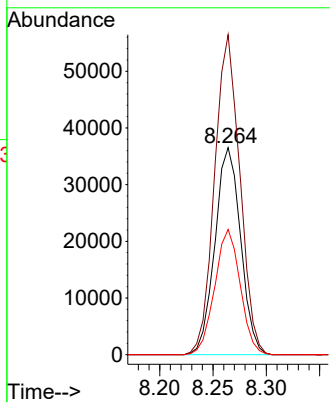
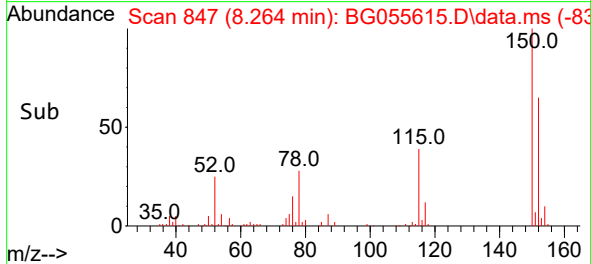
Instrument :
BNA_G
ClientSampleId :
SB-05



Tgt Ion:152 Resp: 61225
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.4
115 60.5 47.8 71.8

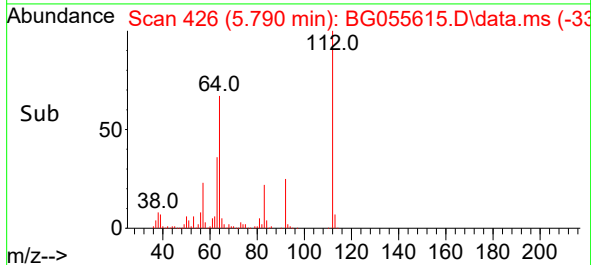
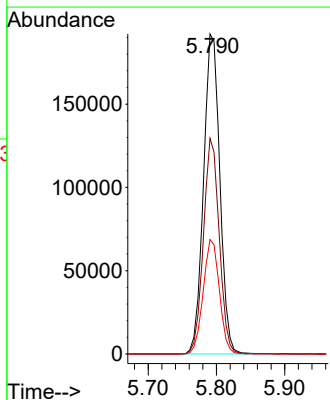
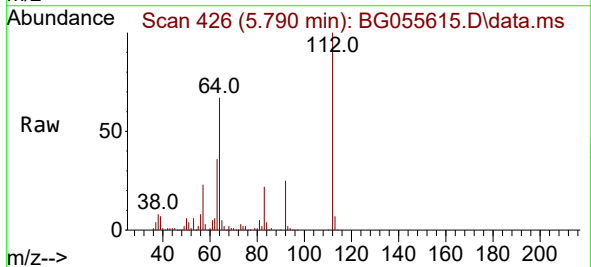
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#5
2-Fluorophenol
Concen: 99.352 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

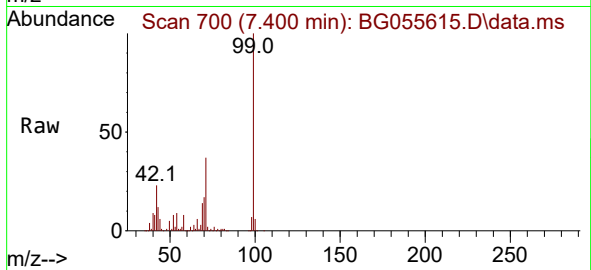
Tgt Ion:112 Resp: 319354
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 35.8 28.3 42.5





#7
Phenol-d6
Concen: 95.292 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

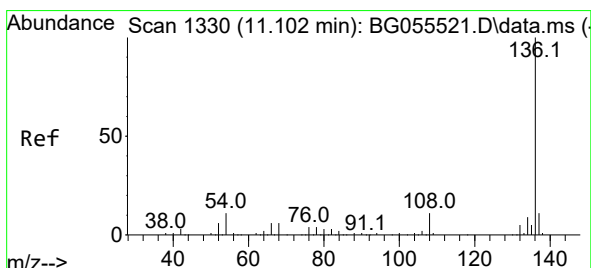
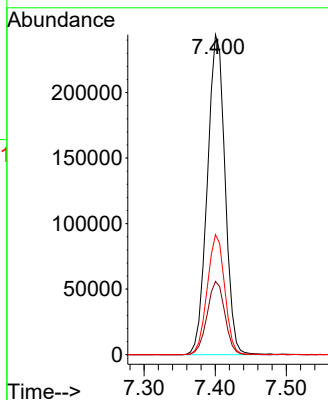
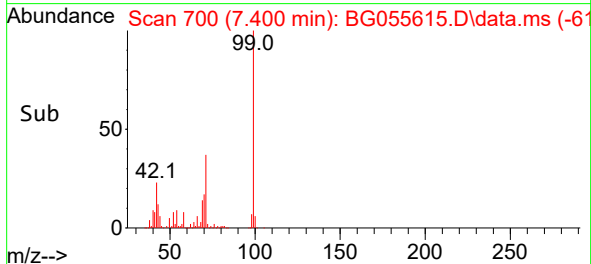
Instrument :
BNA_G
ClientSampleId :
SB-05



Tgt Ion: 99 Resp: 423100
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 37.5 28.3 42.5

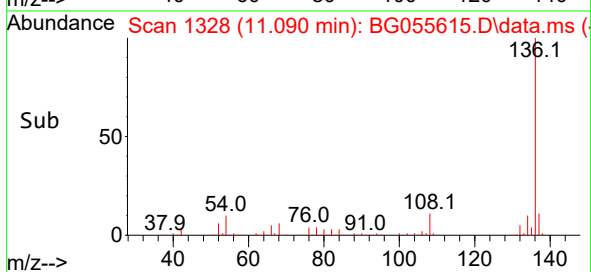
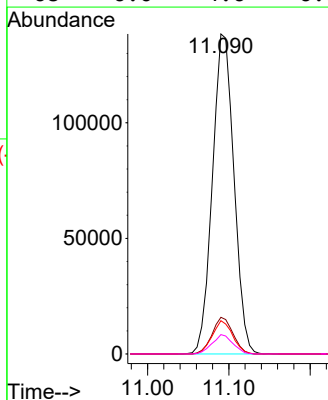
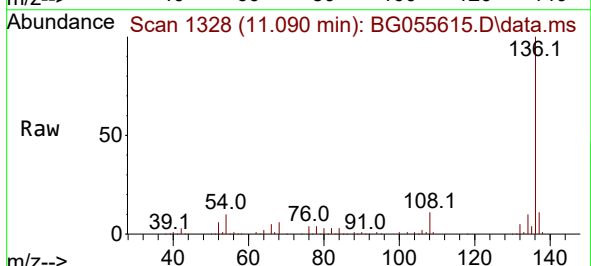
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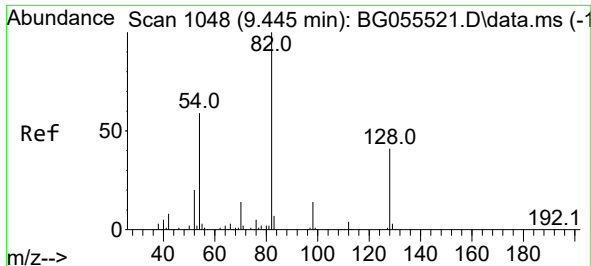
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

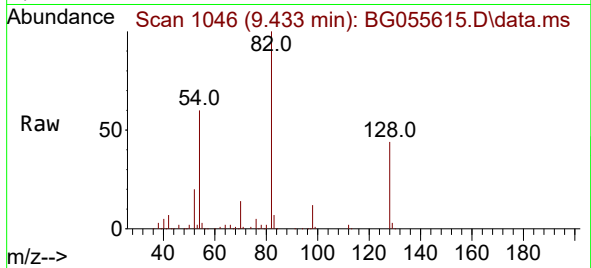
Tgt Ion:136 Resp: 254614
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.4 8.6 12.8
68 6.0 4.6 6.8





#23
Nitrobenzene-d5
Concen: 73.297 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

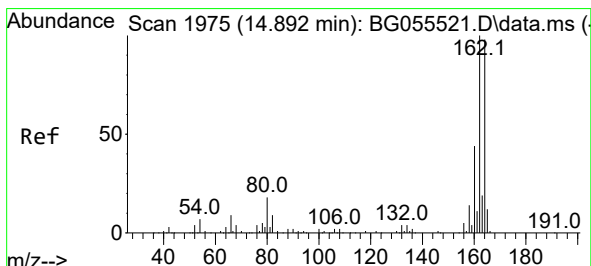
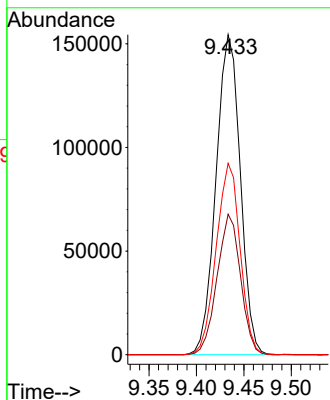
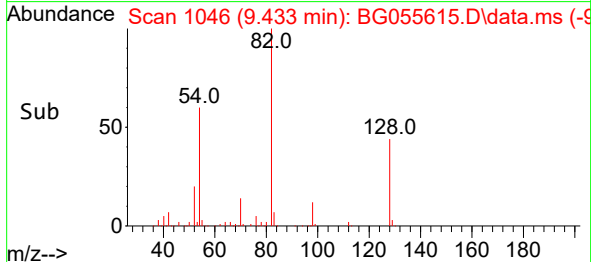
Instrument :
BNA_G
ClientSampleId :
SB-05



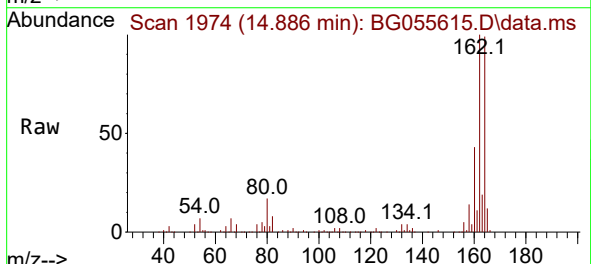
Tgt Ion: 82 Resp: 27529
Ion Ratio Lower Upper
82 100
128 43.9 32.6 49.0
54 59.8 47.3 70.9

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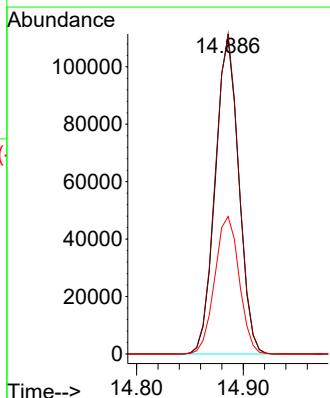
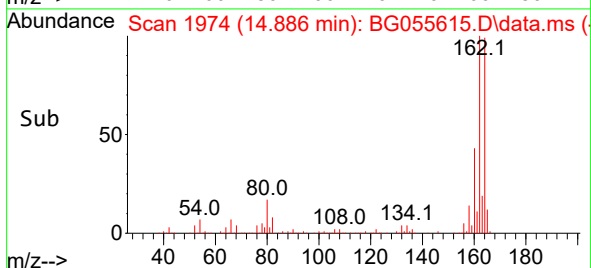
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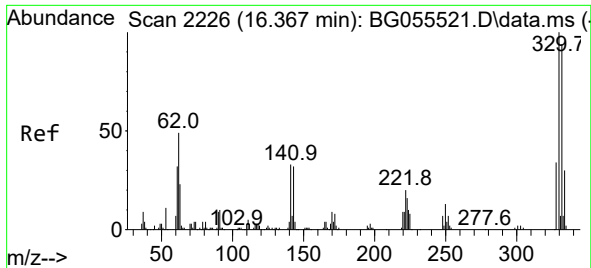


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11



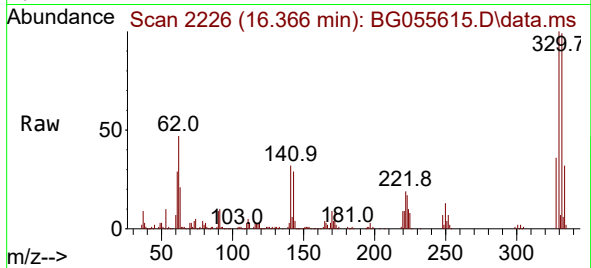
Tgt Ion:164 Resp: 168438
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 43.6 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 120.129 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

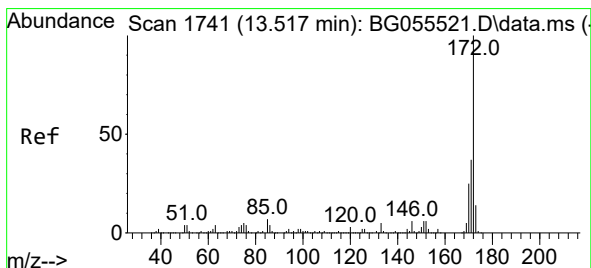
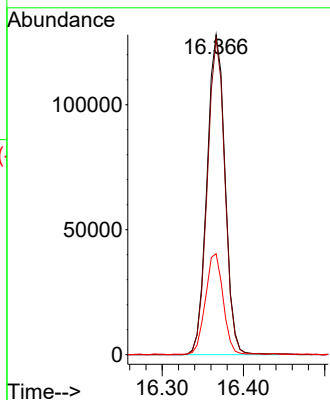
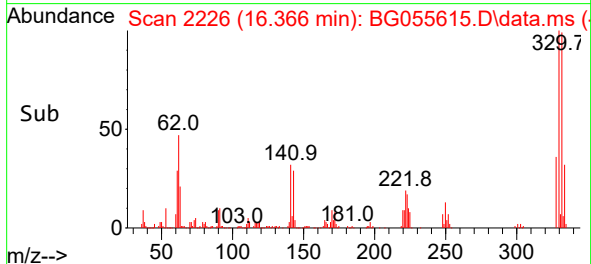
Instrument :
BNA_G
ClientSampleId :
SB-05



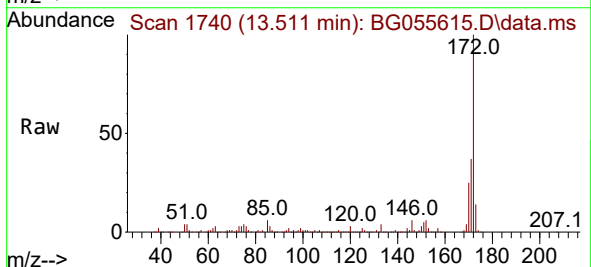
Tgt Ion:330 Resp: 19742
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 31.3 25.4 38.2

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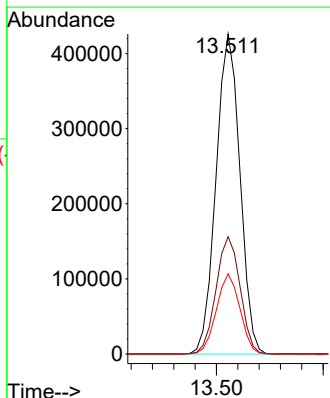
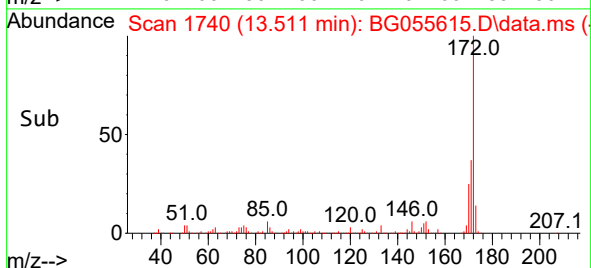
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

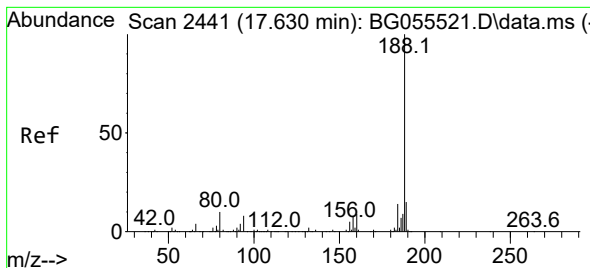


#45
2-Fluorobiphenyl
Concen: 59.250 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11



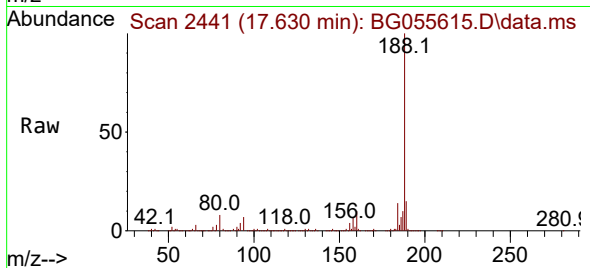
Tgt Ion:172 Resp: 661622
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 25.1 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

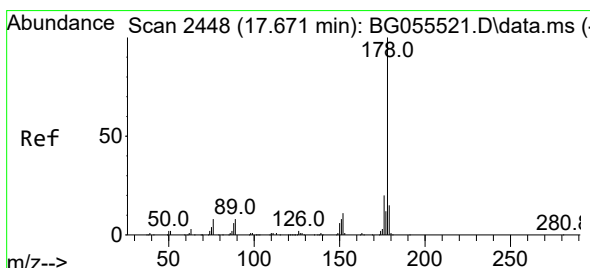
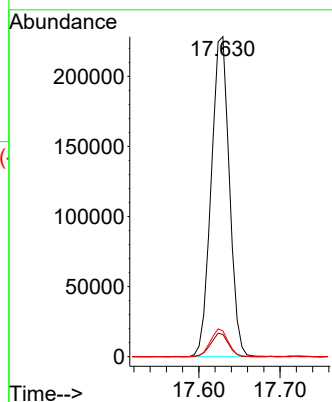
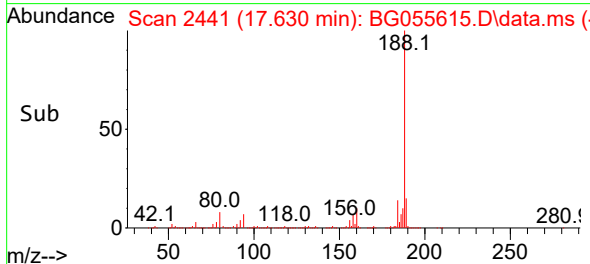
Instrument :
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SB-05



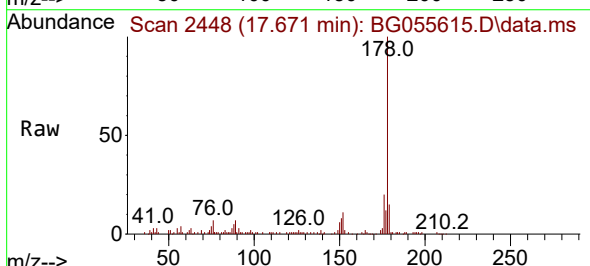
Tgt Ion:188 Resp: 35485
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.1 7.6 11.4

Manual Integrations
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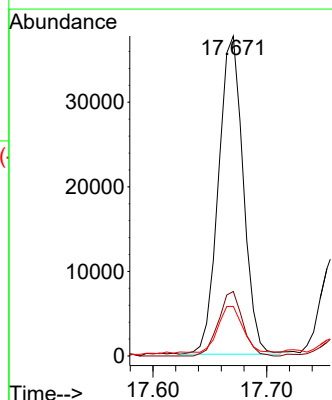
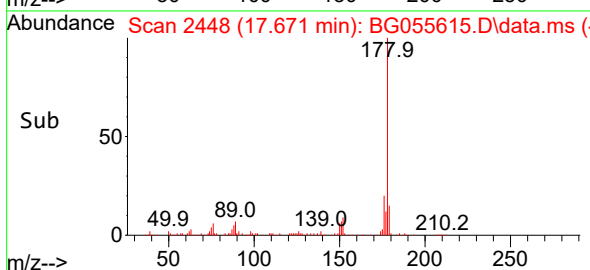
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

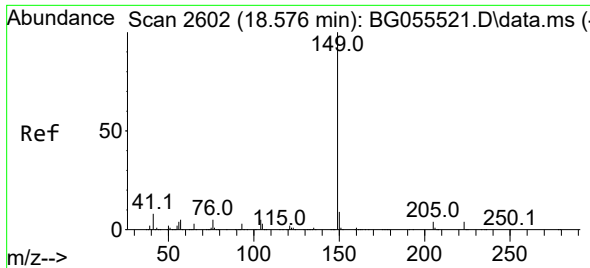


#71
Phenanthrene
Concen: 2.988 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11



Tgt Ion:178 Resp: 56978
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.5 12.2 18.4





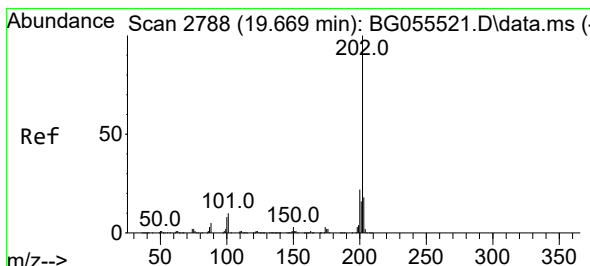
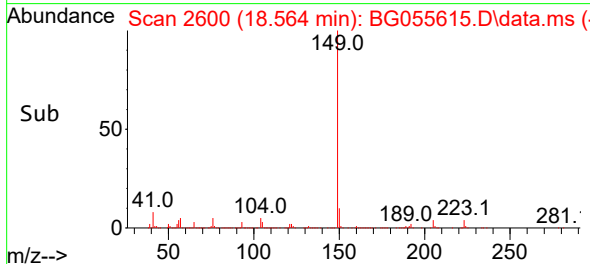
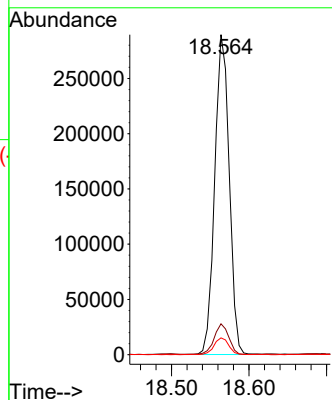
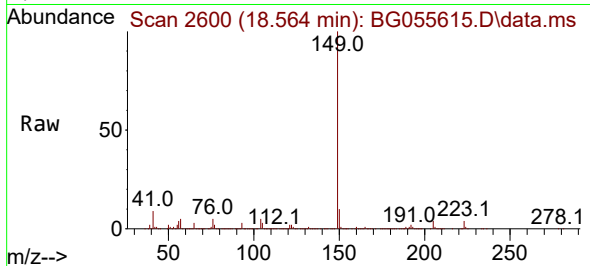
#74
Di-n-butylphthalate
Concen: 19.399 ng
RT: 18.564 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Instrument :
BNA_G
ClientSampleId :
SB-05

Tgt Ion:149 Resp: 37568
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 5.2 4.2 6.4

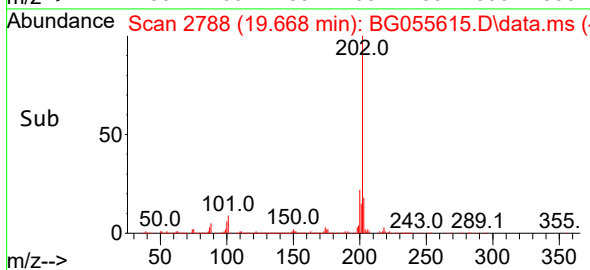
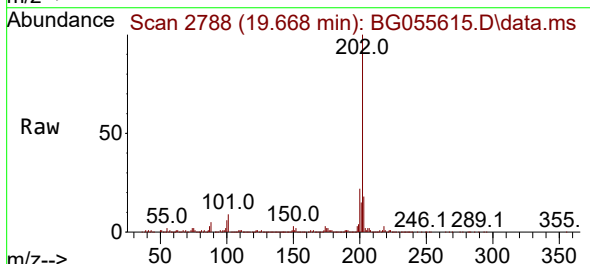
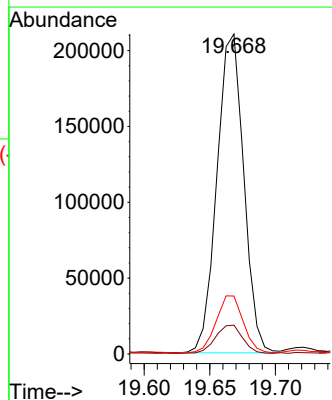
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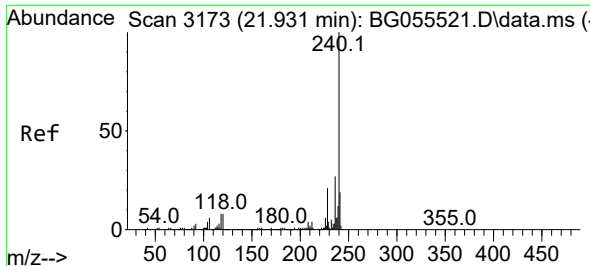
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#75
Fluoranthene
Concen: 13.130 ng
RT: 19.668 min Scan# 2788
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Tgt Ion:202 Resp: 298616
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.8
203 18.1 0.0 38.2





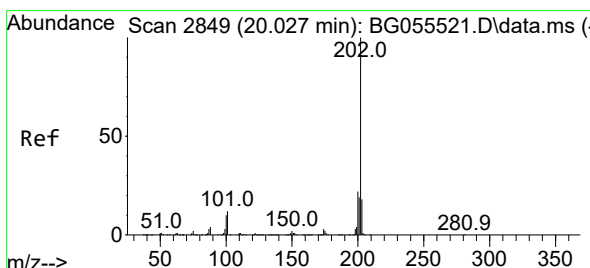
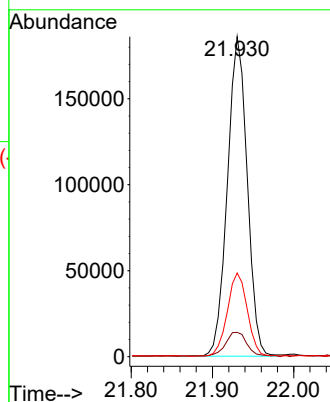
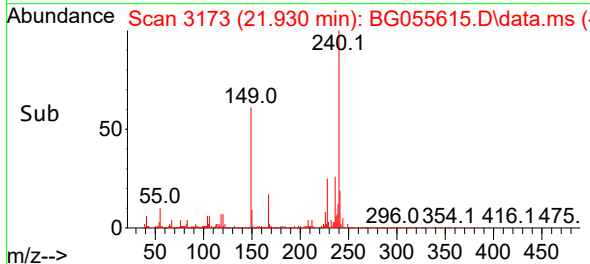
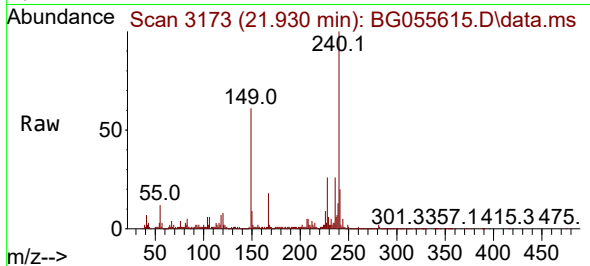
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Instrument :
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SB-05

Tgt Ion:240 Resp: 314838
Ion Ratio Lower Upper
240 100
120 7.6 6.1 9.1
236 26.1 21.4 32.0

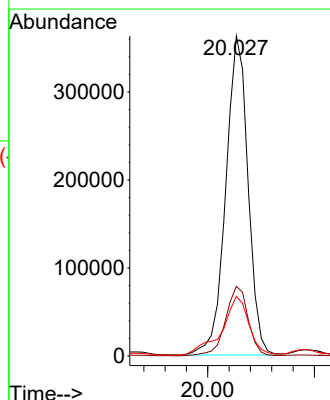
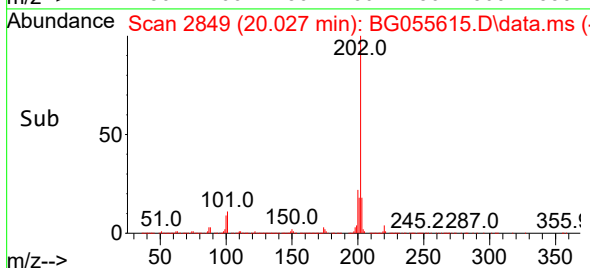
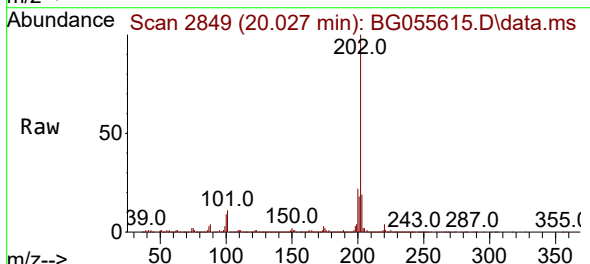
Manual Integrations
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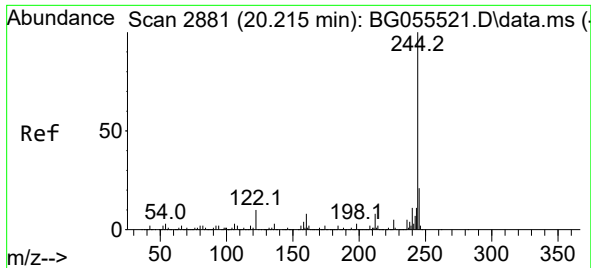
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#78
Pyrene
Concen: 24.675 ng
RT: 20.027 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

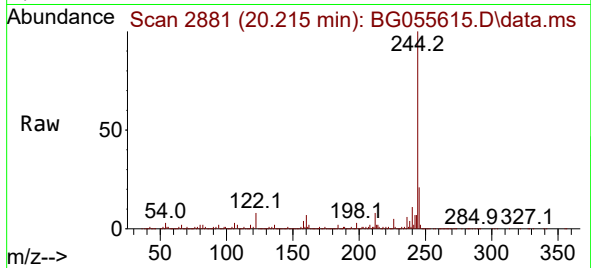
Tgt Ion:202 Resp: 525779
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 18.6 14.2 21.2





#79
 Terphenyl-d14
 Concen: 58.948 ng
 RT: 20.215 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055615.D
 Acq: 14 Nov 2022 22:11

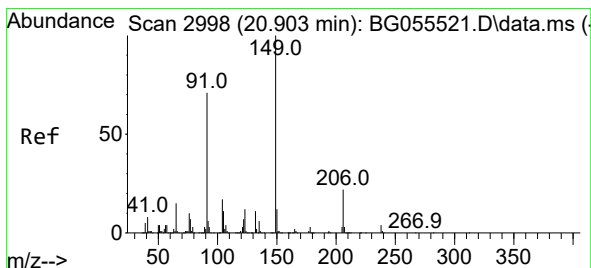
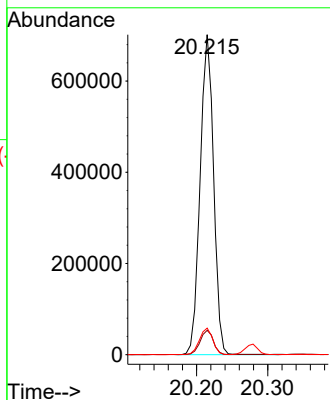
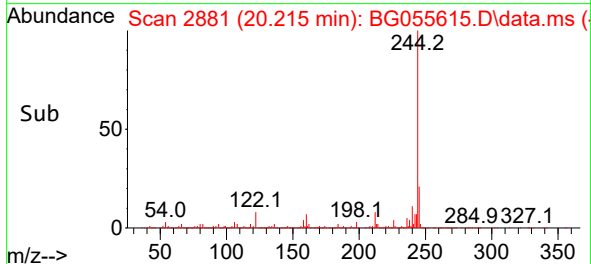
Instrument :
 BNA_G
 ClientSampleId :
 SB-05



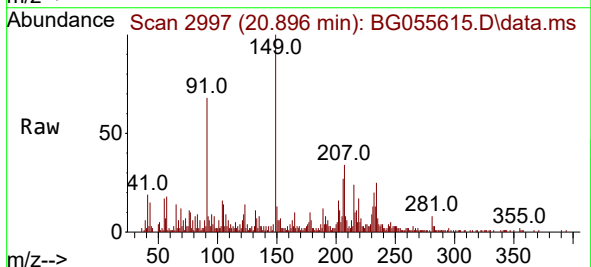
Tgt Ion:244 Resp: 92400
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.3 7.7 11.5

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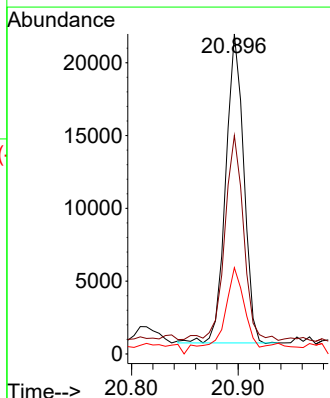
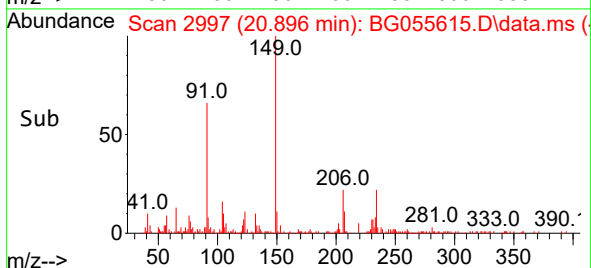
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

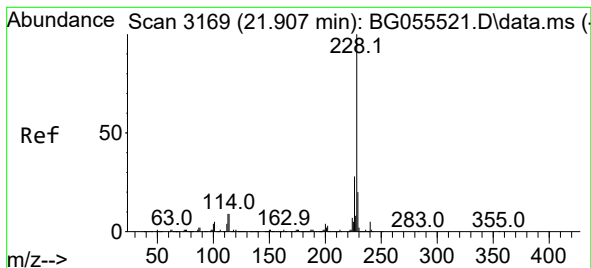


#80
 Butylbenzylphthalate
 Concen: 6.220 ng
 RT: 20.896 min Scan# 2997
 Delta R.T. -0.007 min
 Lab File: BG055615.D
 Acq: 14 Nov 2022 22:11



Tgt Ion:149 Resp: 24925
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.8 85.2
 206 27.0 17.3 25.9#





#81

Benzo(a)anthracene

Concen: 16.539 ng

RT: 21.907 min Scan# 3169

Delta R.T. -0.000 min

Lab File: BG055615.D

Acq: 14 Nov 2022 22:11

Instrument :

BNA_G

ClientSampleId :

SB-05

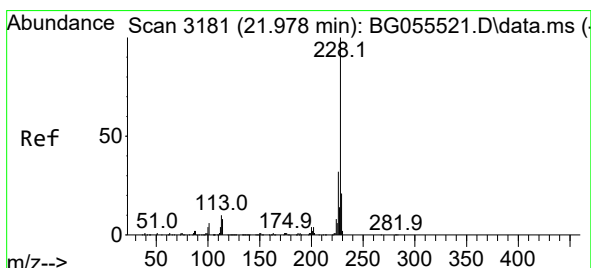
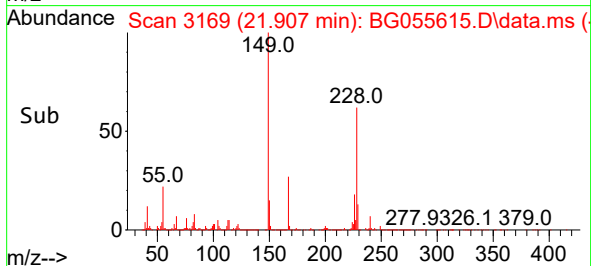
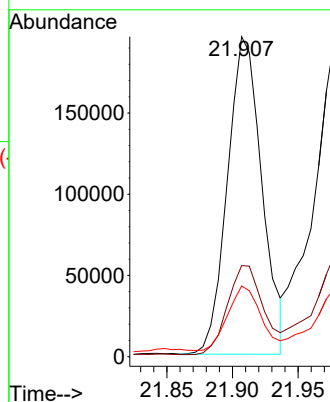
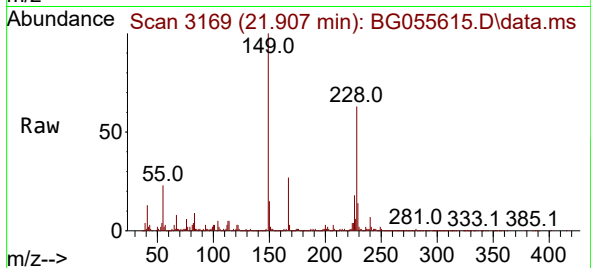
Tgt Ion:228 Resp: 35667
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.6 34.0
 229 22.1 16.1 24.1

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#83

Chrysene

Concen: 18.959 ng

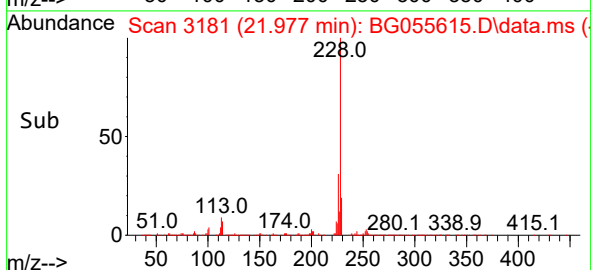
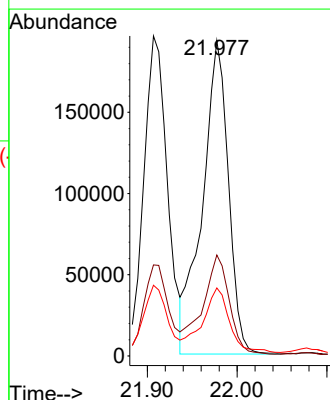
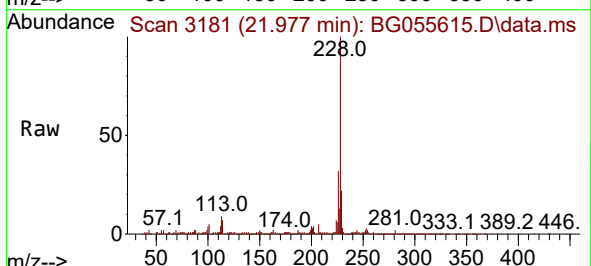
RT: 21.977 min Scan# 3181

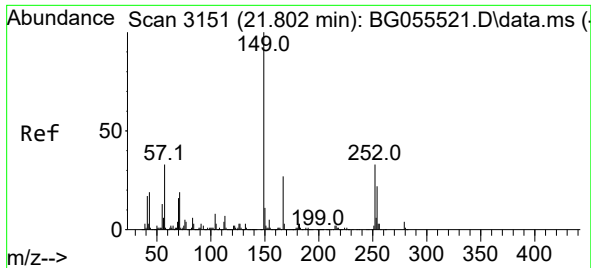
Delta R.T. -0.001 min

Lab File: BG055615.D

Acq: 14 Nov 2022 22:11

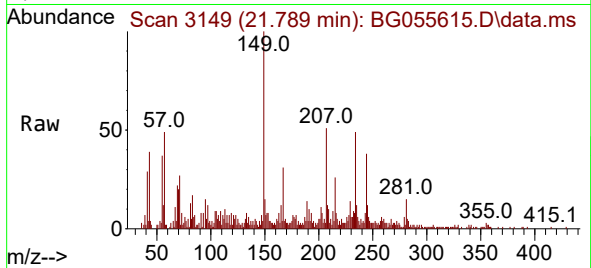
Tgt Ion:228 Resp: 388769
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.7 38.5
 229 21.6 16.6 25.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.414 ng
RT: 21.789 min Scan# 3151
Delta R.T. -0.013 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

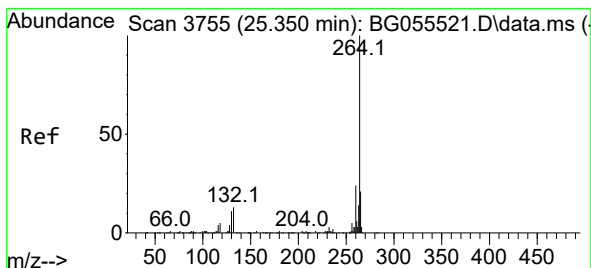
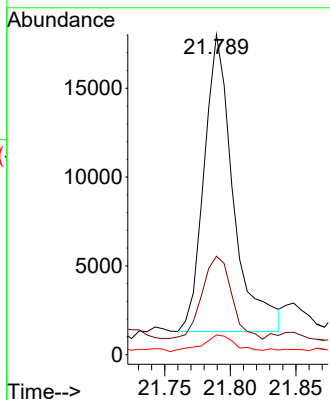
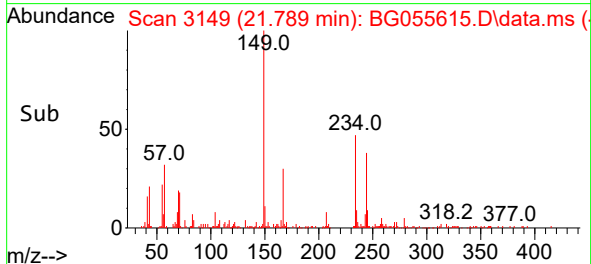
Instrument :
BNA_G
ClientSampleId :
SB-05



Tgt Ion:149 Resp: 2596
Ion Ratio Lower Upper
149 100
167 30.8 21.4 32.2
279 6.2 3.4 5.2

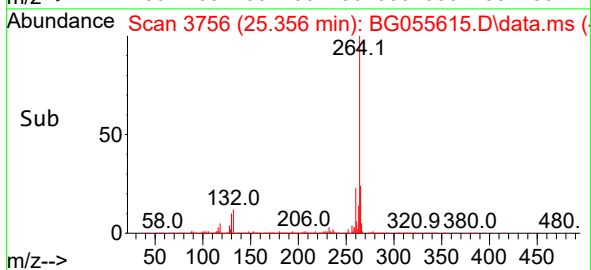
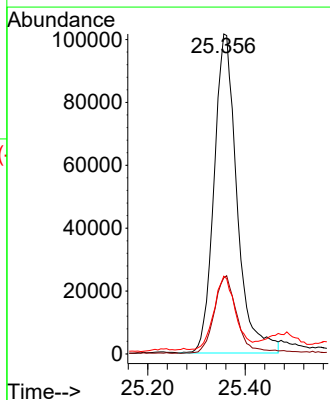
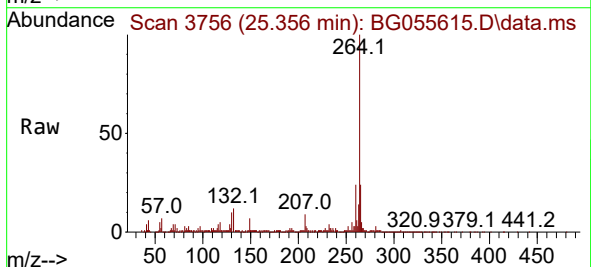
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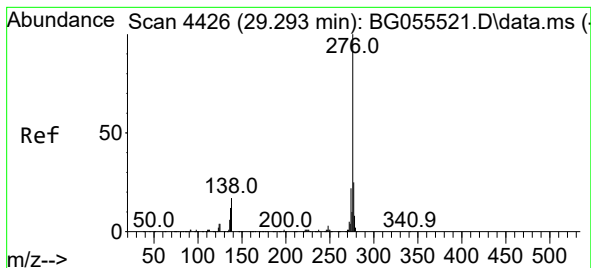
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.356 min Scan# 3756
Delta R.T. 0.006 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Tgt Ion:264 Resp: 331594
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 24.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.071 ng

RT: 29.304 min Scan# 4426

Delta R.T. 0.011 min

Lab File: BG055615.D

Acq: 14 Nov 2022 22:11

Instrument :

BNA_G

ClientSampleId :

SB-05

Tgt Ion:276 Resp: 153338

Ion Ratio Lower Upper

276 100

138 15.7 11.5 17.3

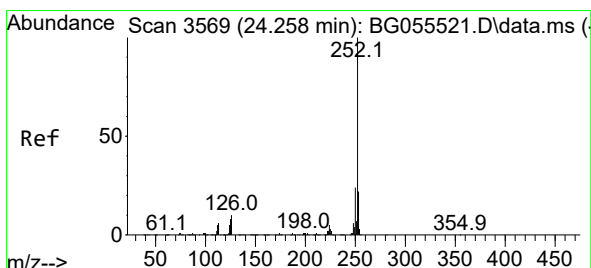
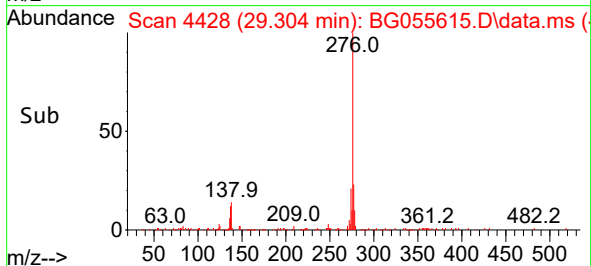
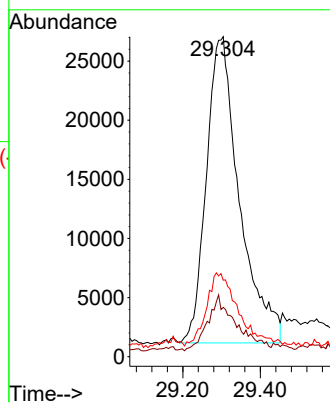
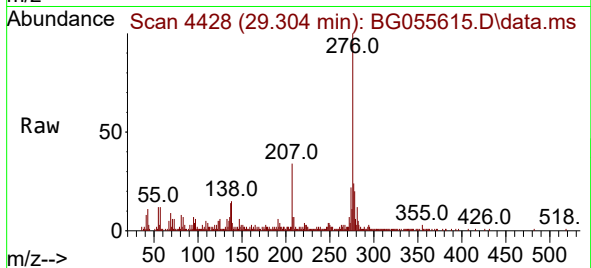
277 22.8 20.4 30.6

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#88

Benzo(b)fluoranthene

Concen: 17.769 ng

RT: 24.263 min Scan# 3570

Delta R.T. 0.005 min

Lab File: BG055615.D

Acq: 14 Nov 2022 22:11

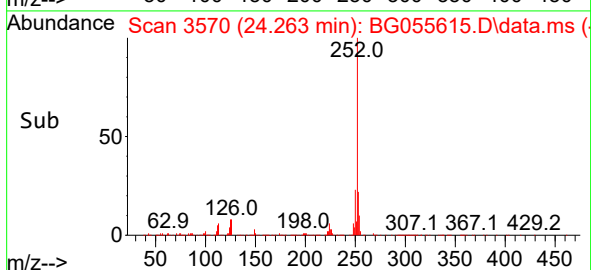
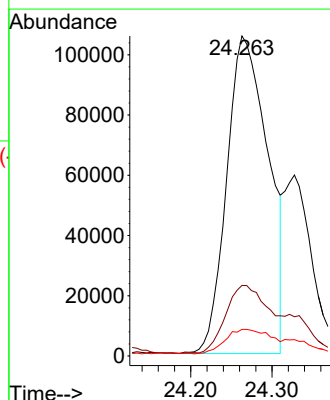
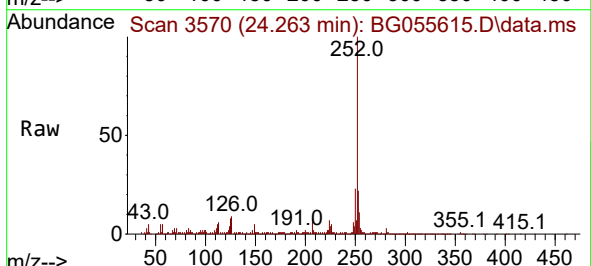
Tgt Ion:252 Resp: 373335

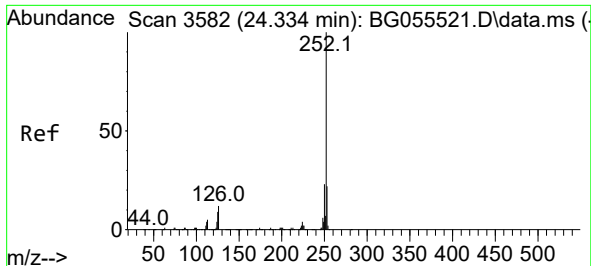
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.3 6.7 10.1





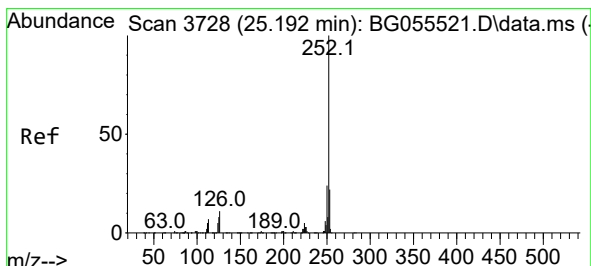
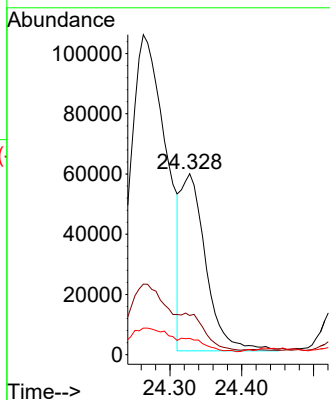
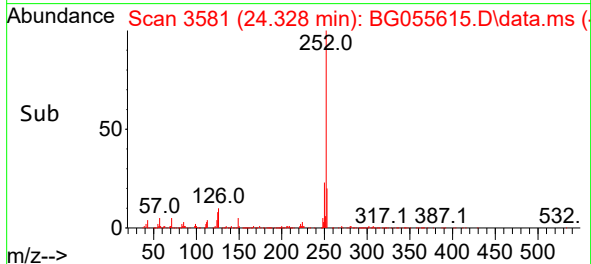
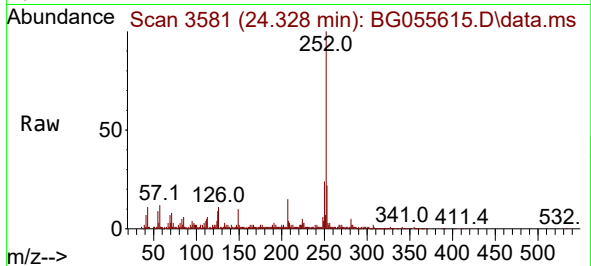
#89
Benzo(k)fluoranthene
Concen: 6.638 ng m
RT: 24.328 min Scan# 3581
Delta R.T. -0.006 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Instrument :
BNA_G
ClientSampleId :
SB-05

Tgt Ion:252 Resp: 142584
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.1 6.9 10.3

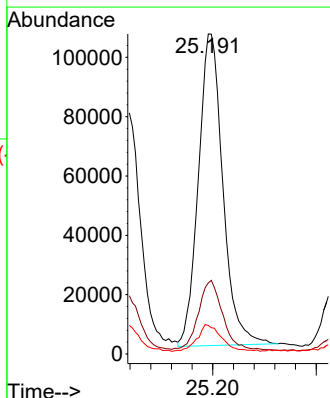
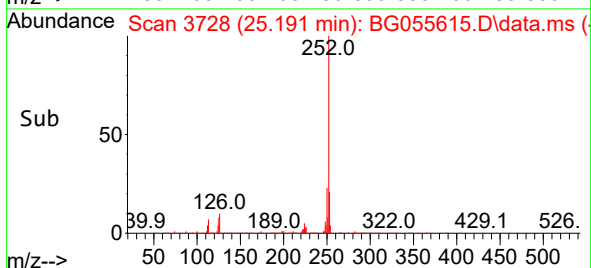
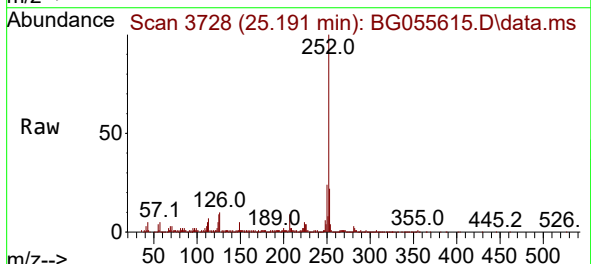
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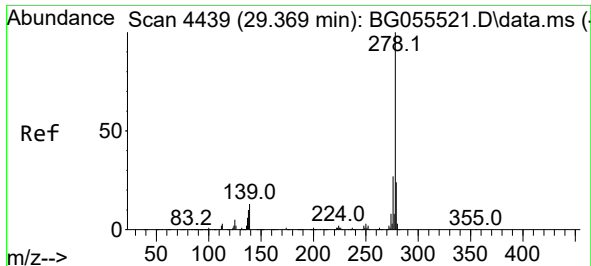
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#90
Benzo(a)pyrene
Concen: 19.097 ng
RT: 25.191 min Scan# 3728
Delta R.T. -0.001 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

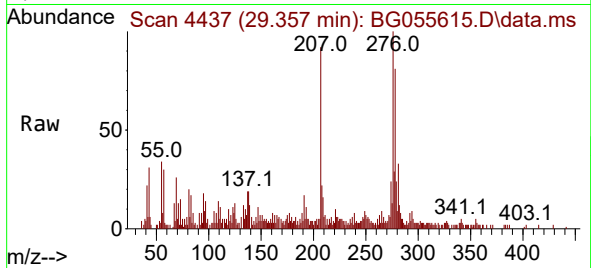
Tgt Ion:252 Resp: 345620
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.9 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 2.025 ng
RT: 29.357 min Scan# 4437
Delta R.T. -0.012 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

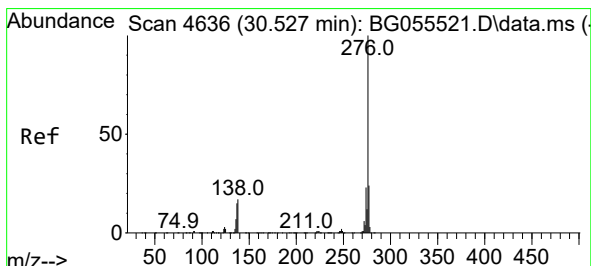
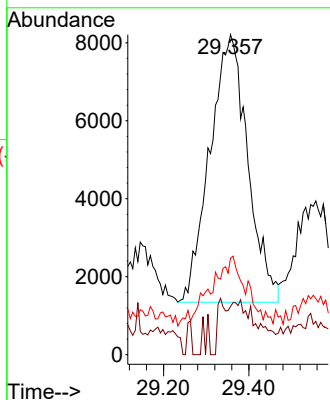
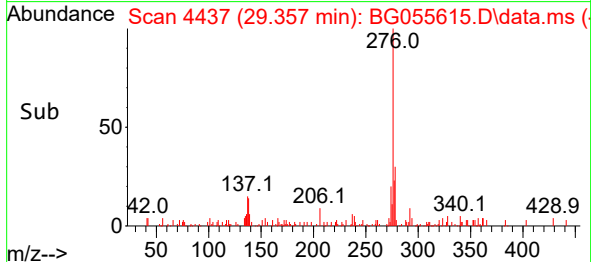
Instrument :
BNA_G
ClientSampleId :
SB-05



Tgt Ion:278 Resp: 42330
Ion Ratio Lower Upper
278 100
139 15.0 10.6 15.8
279 30.2 19.4 29.2

Manual Integrations
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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#92
Benzo(g,h,i)perylene
Concen: 8.172 ng
RT: 30.532 min Scan# 4637
Delta R.T. 0.005 min
Lab File: BG055615.D
Acq: 14 Nov 2022 22:11

Tgt Ion:276 Resp: 167008
Ion Ratio Lower Upper
276 100
277 26.2 19.3 28.9
138 17.5 13.9 20.9

