

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055470.D
 Acq On : 5 Nov 2022 14:40
 Operator : CG/JU
 Sample : N5406-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:54:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	27264	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	112176	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	77940	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	183528	20.000	ng	0.00
76) Chrysene-d12	21.848	240	192952	20.000	ng	0.00
86) Perylene-d12	25.215	264	208723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	188619	124.241	ng	0.00
7) Phenol-d6	7.383	99	246294	116.987	ng	0.00
23) Nitrobenzene-d5	9.404	82	146211	69.465	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	142629	134.161	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	364617	69.361	ng	0.00
79) Terphenyl-d14	20.156	244	656302	66.141	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.616	202	42256	3.403	ng	98
78) Pyrene	19.974	202	40096	2.946	ng	98
81) Benzo(a)anthracene	21.825	228	29153	2.201	ng	99
83) Chrysene	21.895	228	31694m	2.508	ng	
88) Benzo(b)fluoranthene	24.140	252	40399	3.047	ng	97
90) Benzo(a)pyrene	25.062	252	32804	2.862	ng	98

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

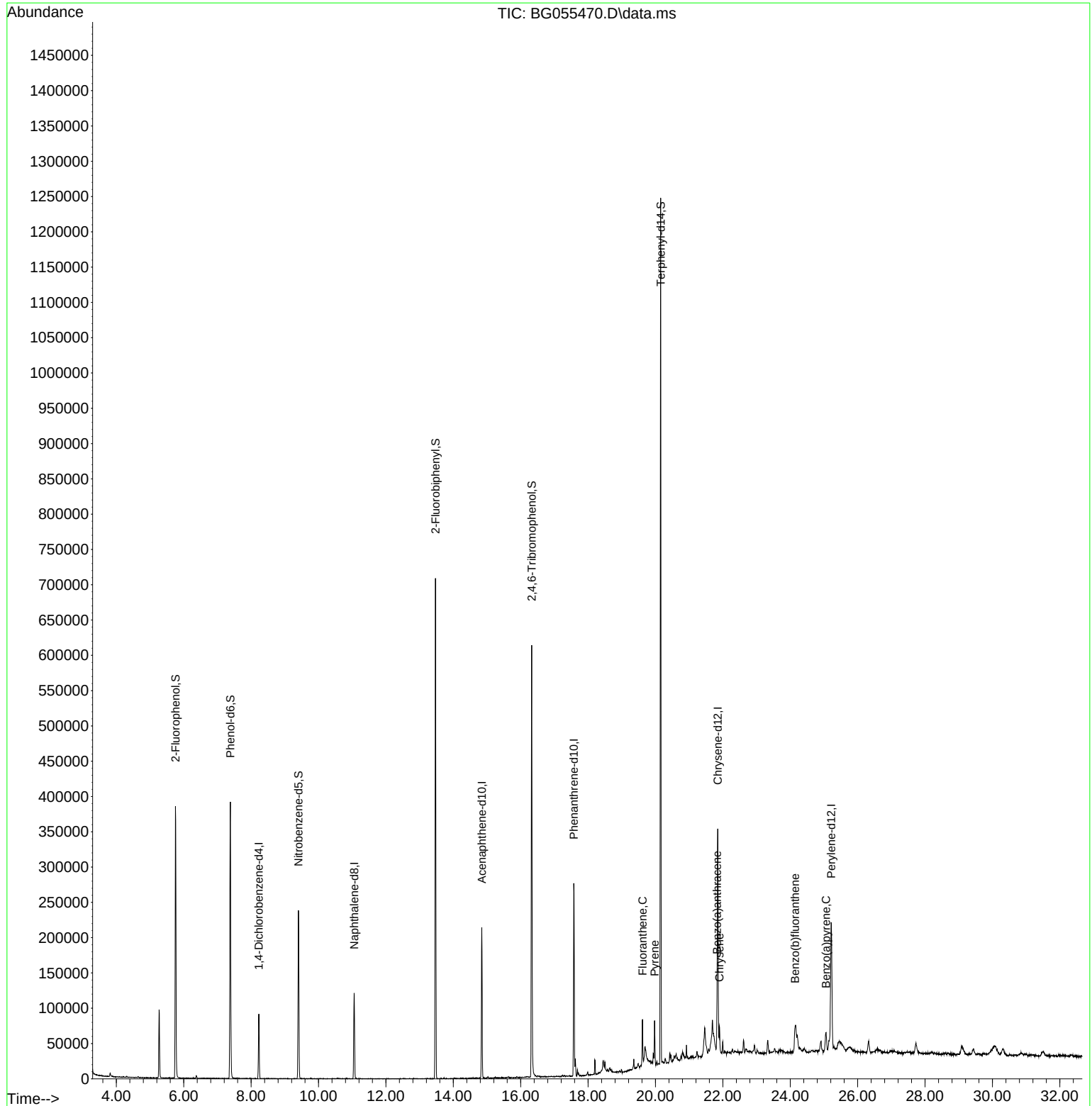
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055470.D
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Operator : CG/JU
Sample : N5406-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

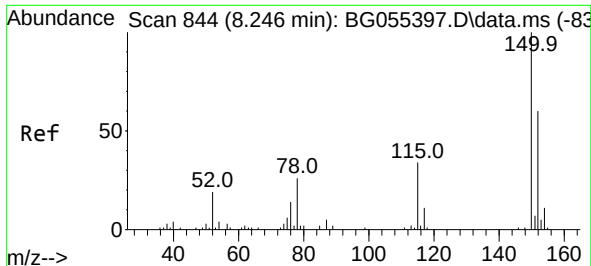
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Quant Time: Nov 07 00:54:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
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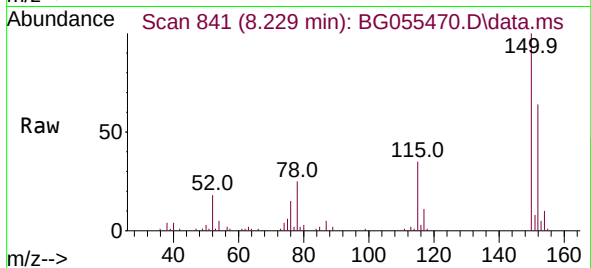
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Supervised By :Jagrut Upadhyay 11/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

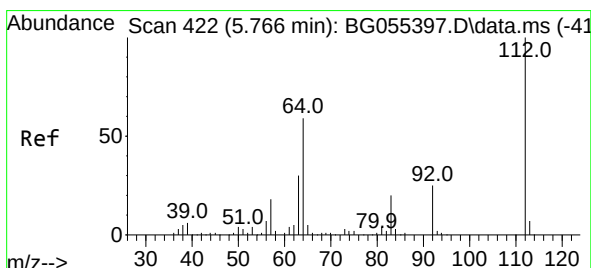
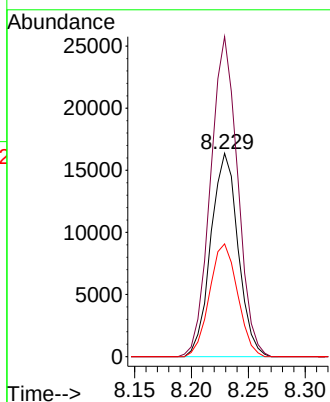
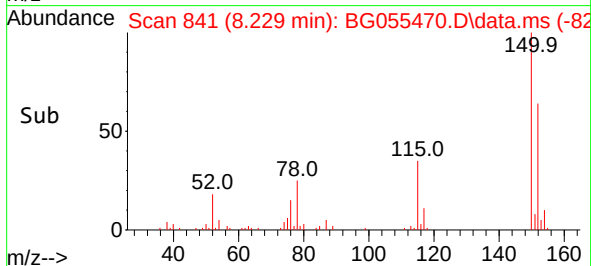
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP



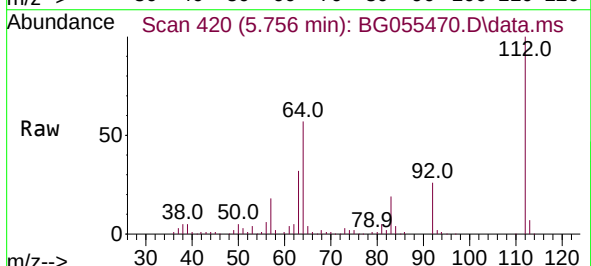
Tgt Ion:152 Resp: 27264
Ion Ratio Lower Upper
152 100
150 157.4 132.8 199.2
115 55.4 45.1 67.7

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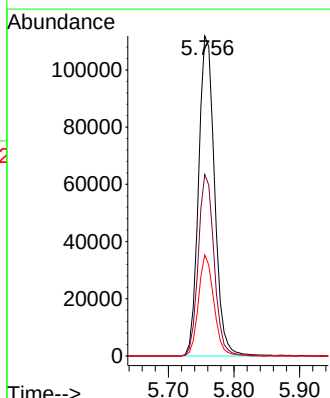
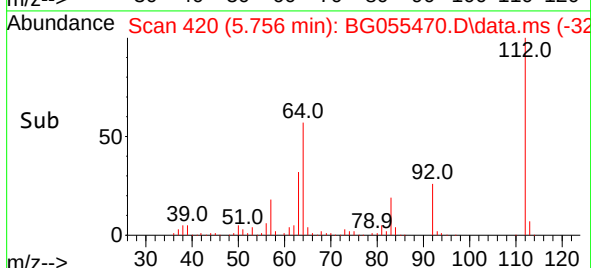
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

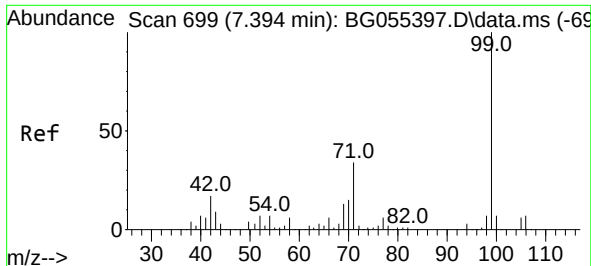


#5
2-Fluorophenol
Concen: 124.241 ng
RT: 5.756 min Scan# 420
Delta R.T. 0.005 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40



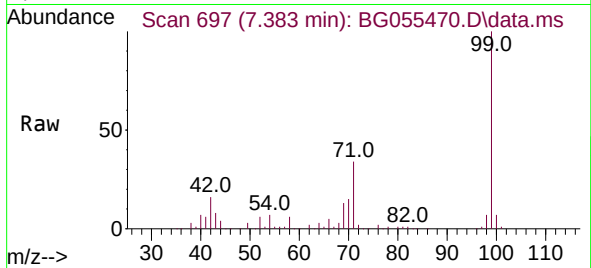
Tgt Ion:112 Resp: 188619
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 31.5 24.3 36.5





#7
Phenol-d6
Concen: 116.987 ng
RT: 7.383 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

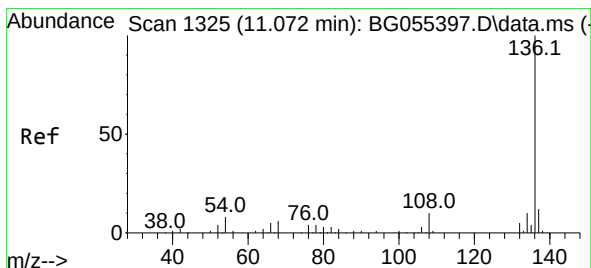
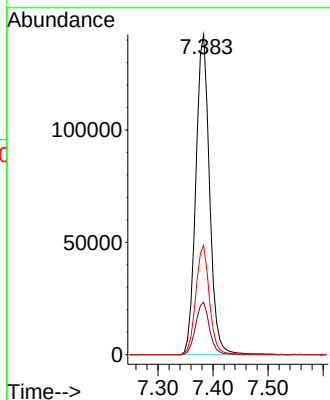
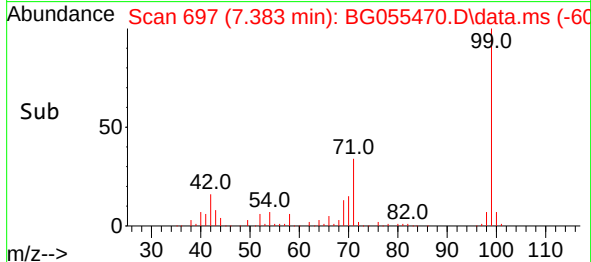
Instrument :
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ClientSampleId :
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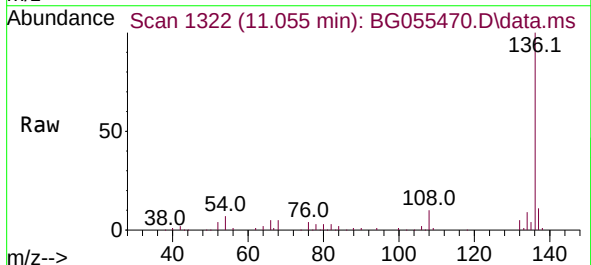
Tgt Ion: 99 Resp: 246294
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 34.1 27.4 41.0

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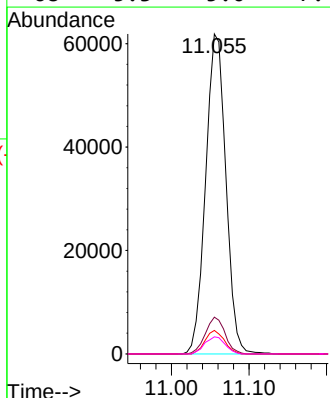
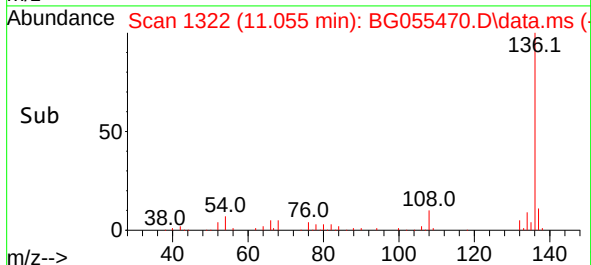
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

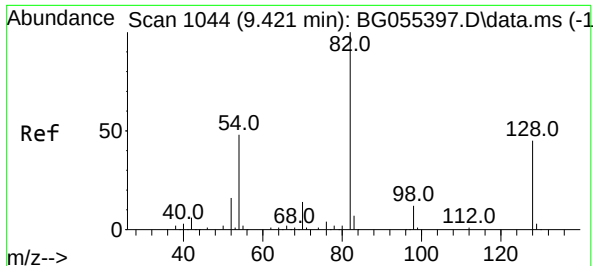


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40



Tgt Ion:136 Resp: 112176
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.3 6.1 9.1
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.465 ng

RT: 9.404 min Scan# 1041

Delta R.T. -0.001 min

Lab File: BG055470.D

Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

Tgt Ion: 82 Resp: 14621

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.8

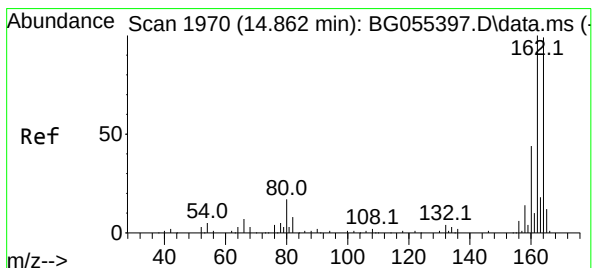
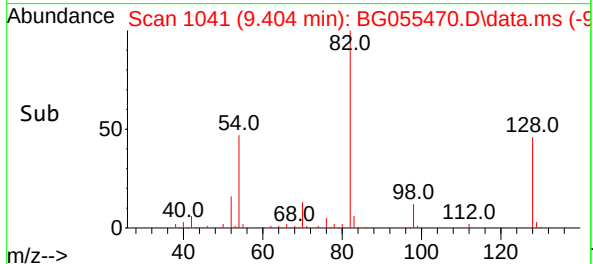
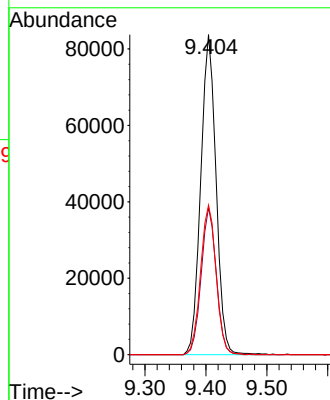
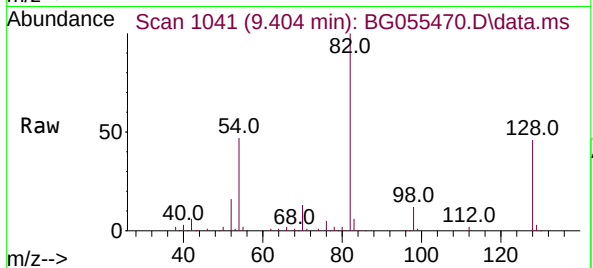
54 46.7 38.1 57.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.845 min Scan# 1967

Delta R.T. -0.001 min

Lab File: BG055470.D

Acq: 5 Nov 2022 14:40

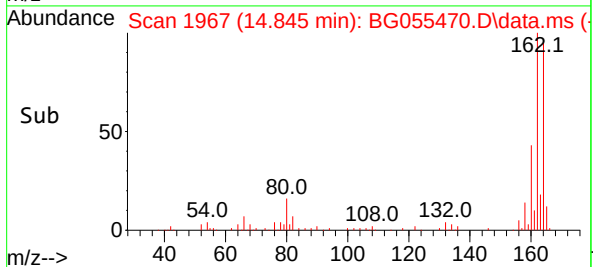
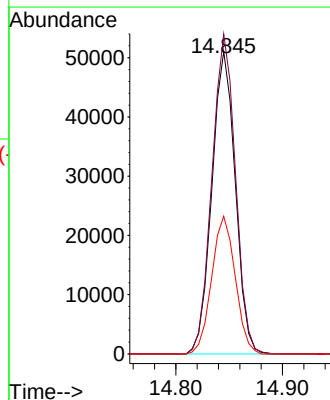
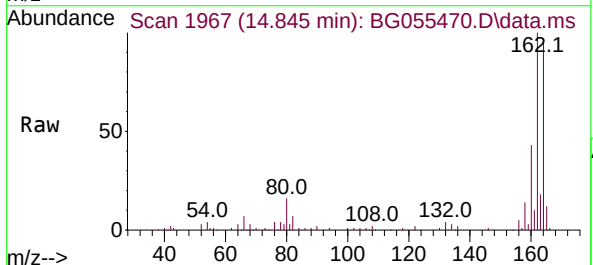
Tgt Ion:164 Resp: 77940

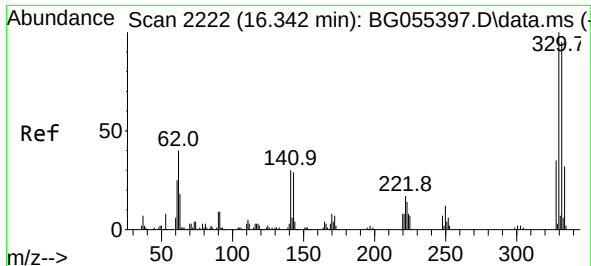
Ion Ratio Lower Upper

164 100

162 105.8 81.1 121.7

160 45.5 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 134.161 ng
RT: 16.325 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

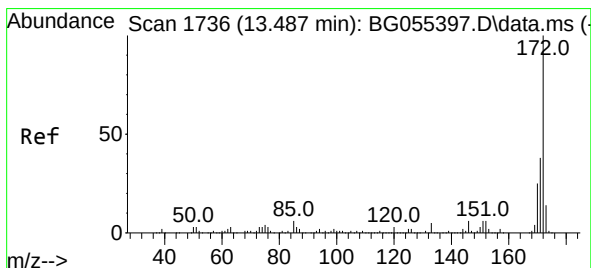
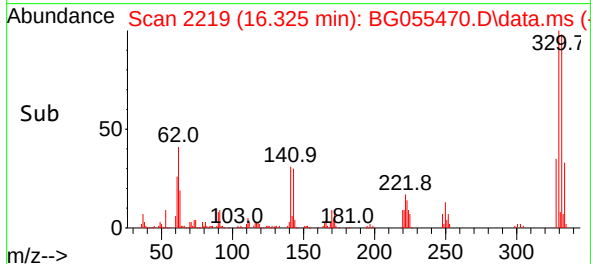
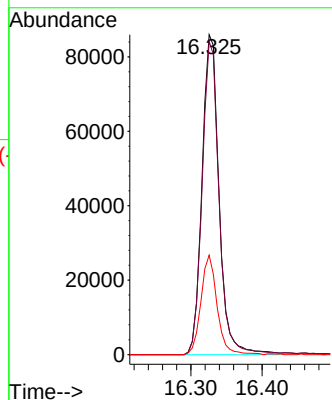
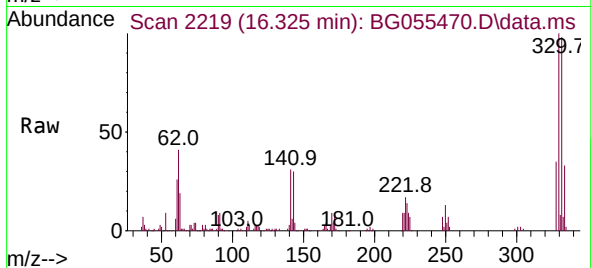
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Tgt Ion:330 Resp: 142629
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 29.4 24.2 36.2

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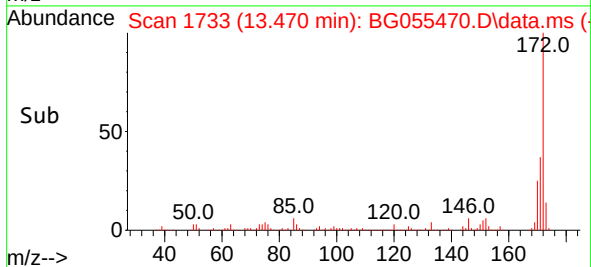
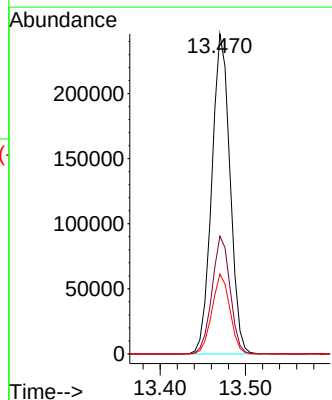
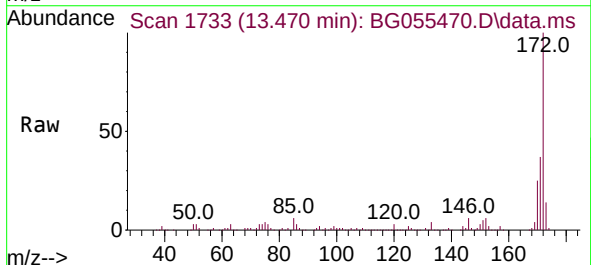
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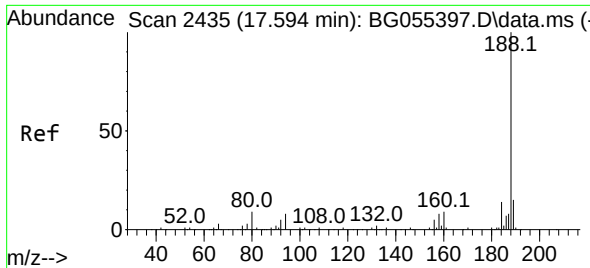
Reviewed By :Christian Giraldo 11/07/2022
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#45
2-Fluorobiphenyl
Concen: 69.361 ng
RT: 13.470 min Scan# 1733
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

Tgt Ion:172 Resp: 364617
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.9 20.2 30.2





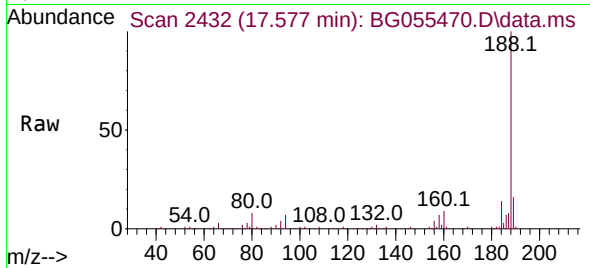
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

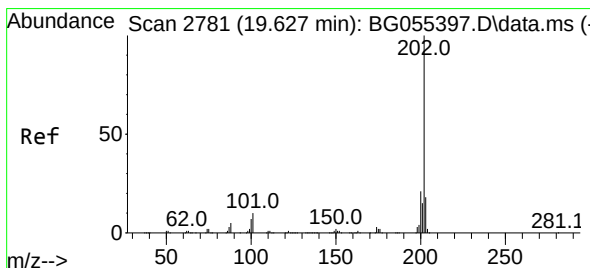
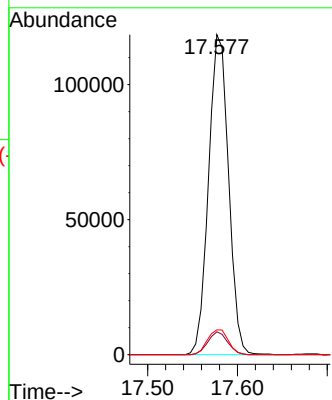
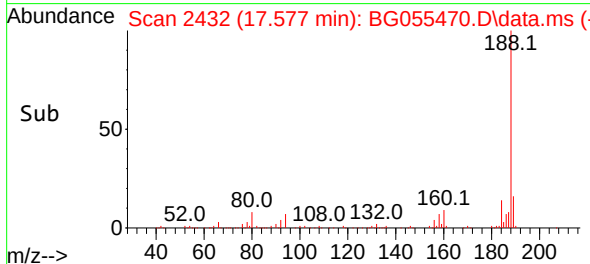


Tgt Ion:188 Resp: 183528
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.7 7.4 11.0

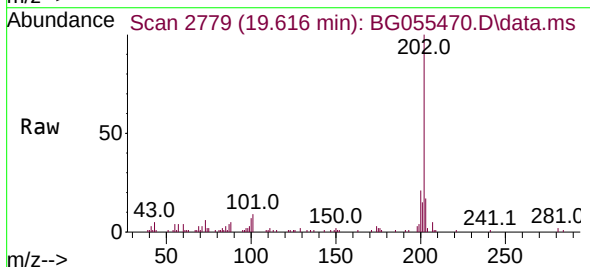
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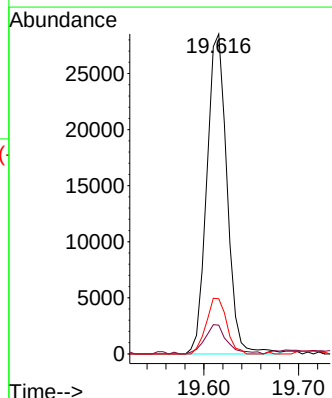
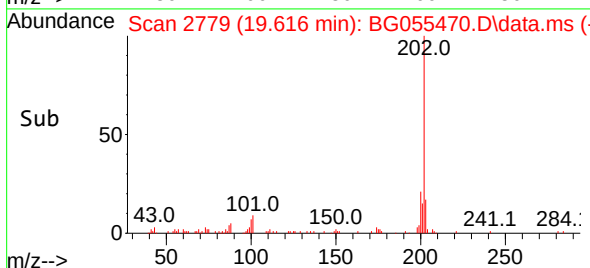
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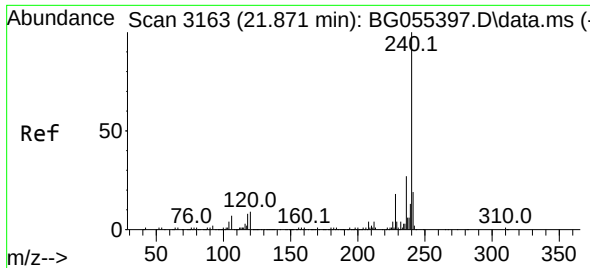


#75
Fluoranthene
Concen: 3.403 ng
RT: 19.616 min Scan# 2779
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40



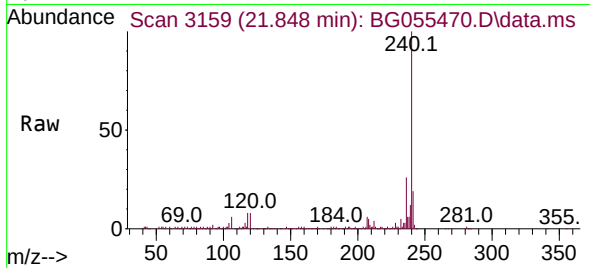
Tgt Ion:202 Resp: 42256
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.8
203 17.2 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

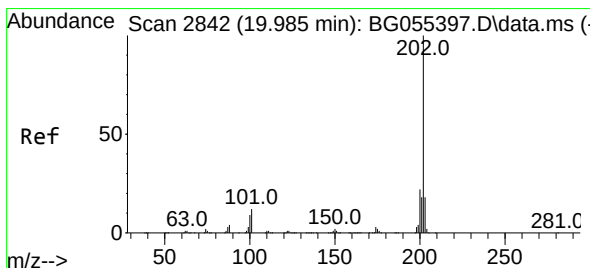
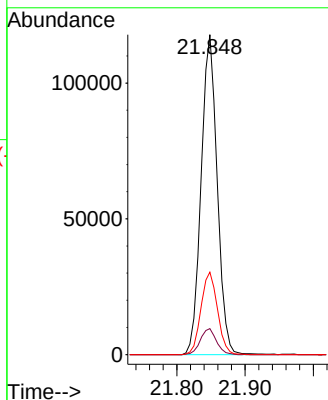
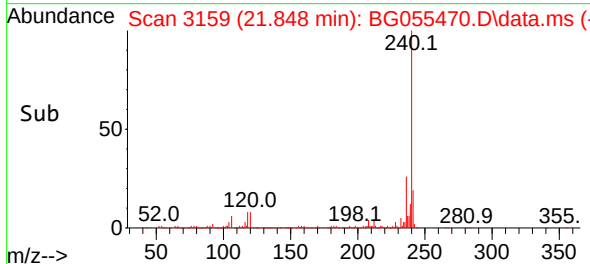
Instrument :
BNA_G
ClientSampleId :
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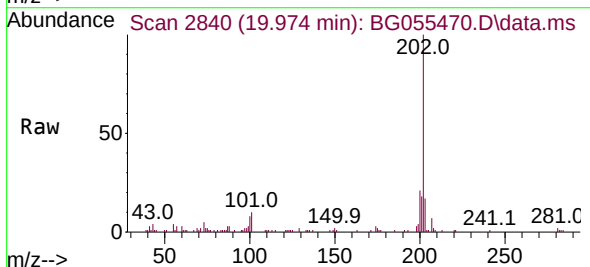
Tgt Ion:240 Resp: 192952
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 25.8 21.5 32.3

Manual Integrations
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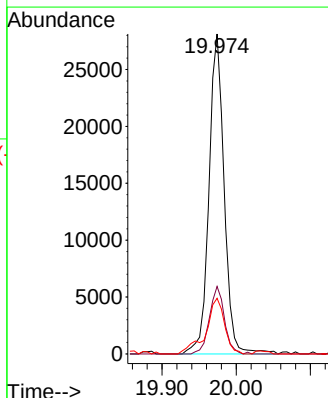
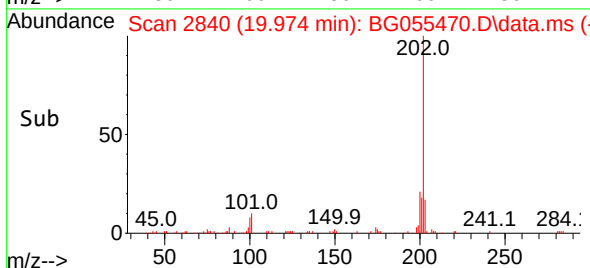
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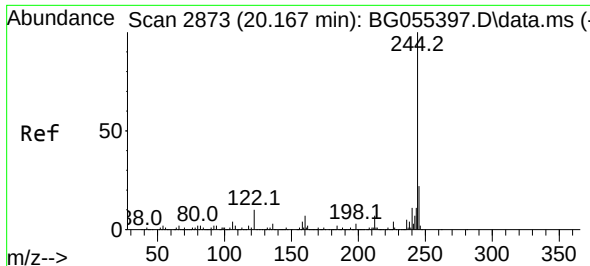


#78
Pyrene
Concen: 2.946 ng
RT: 19.974 min Scan# 2840
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40



Tgt Ion:202 Resp: 40096
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.4 14.7 22.1





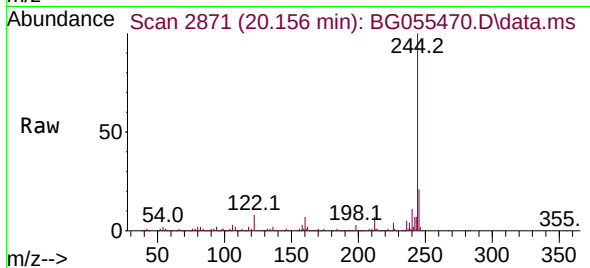
#79
 Terphenyl-d14
 Concen: 66.141 ng
 RT: 20.156 min Scan# 2873
 Delta R.T. -0.001 min
 Lab File: BG055470.D
 Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

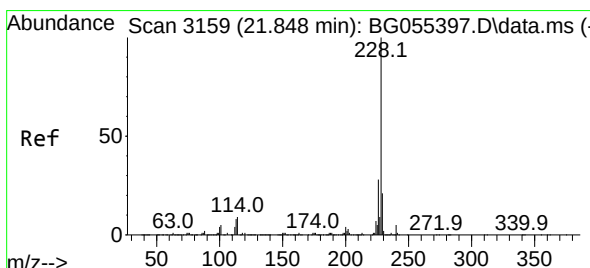
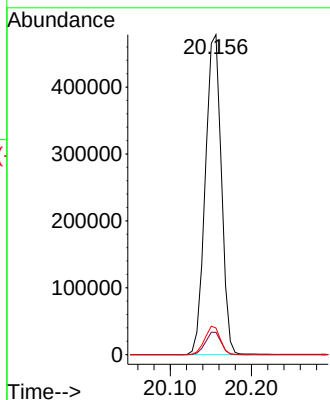
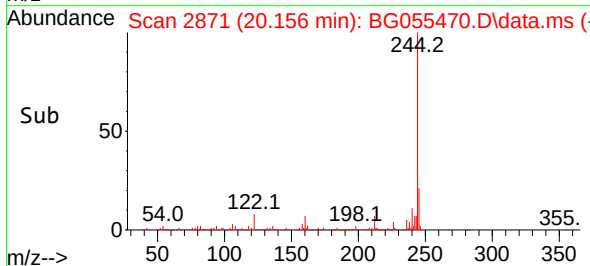


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 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.3 7.8 11.6

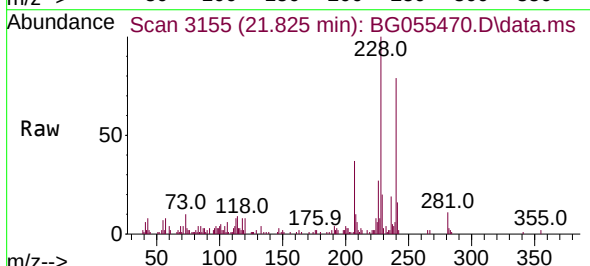
Manual Integrations

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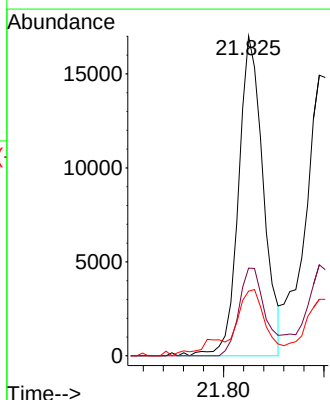
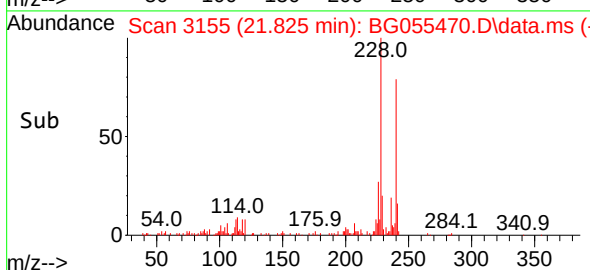
Reviewed By :Christian Giraldo 11/07/2022
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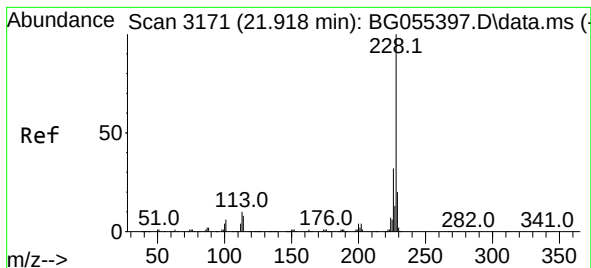


#81
 Benzo(a)anthracene
 Concen: 2.201 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. -0.007 min
 Lab File: BG055470.D
 Acq: 5 Nov 2022 14:40



Tgt Ion:228 Resp: 29153
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.6 33.8
 229 20.2 16.5 24.7





#83

Chrysene

Concen: 2.508 ng m

RT: 21.895 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055470.D

Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

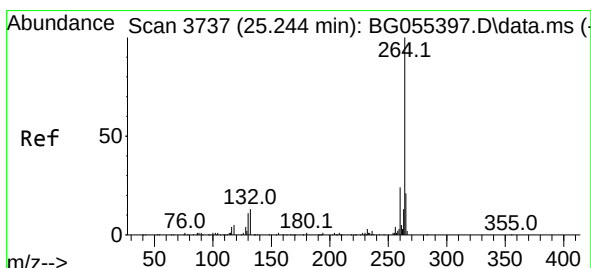
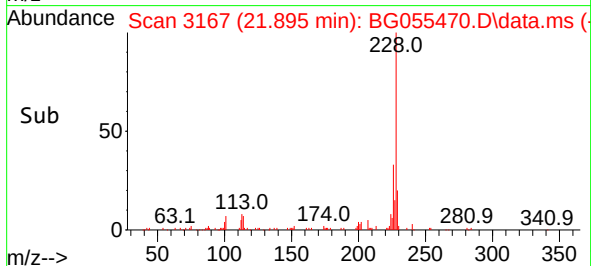
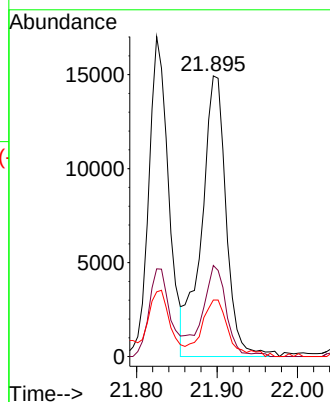
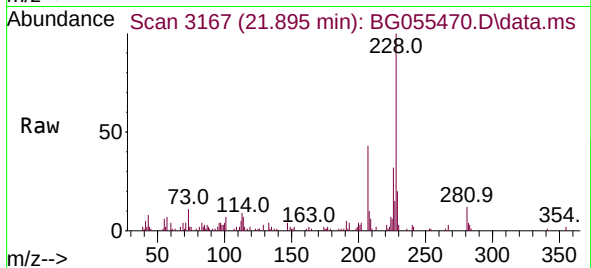
SB-01-COMP

Tgt Ion:228 Resp: 31694
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.2 37.8
 229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022



#86

Perylene-d12

Concen: 20.000 ng

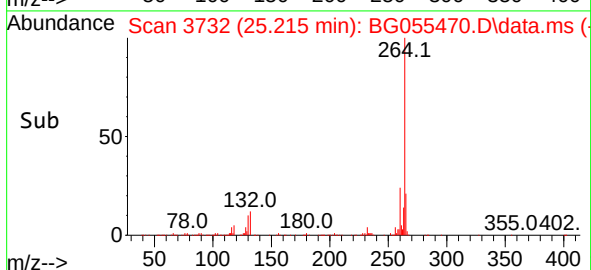
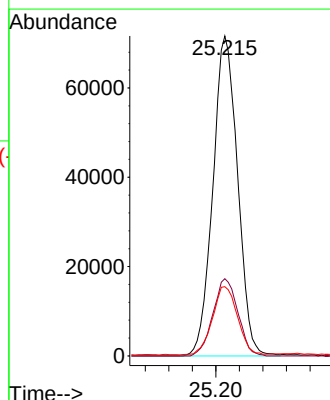
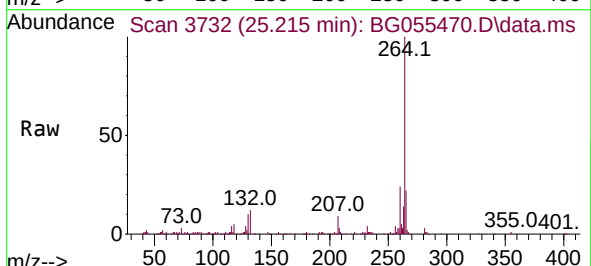
RT: 25.215 min Scan# 3732

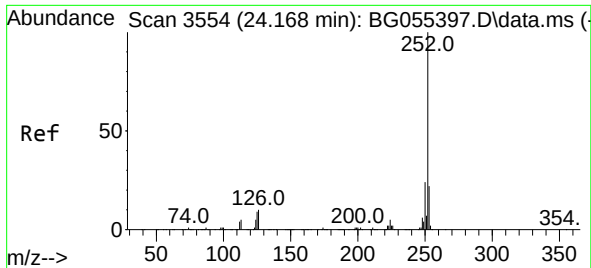
Delta R.T. -0.007 min

Lab File: BG055470.D

Acq: 5 Nov 2022 14:40

Tgt Ion:264 Resp: 208723
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.6 17.1 25.7





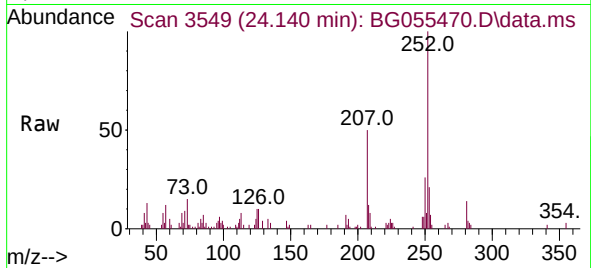
#88
Benzo(b)fluoranthene
Concen: 3.047 ng
RT: 24.140 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

Instrument :

BNA_G

ClientSampleId :

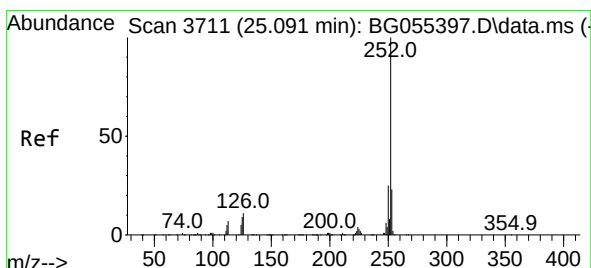
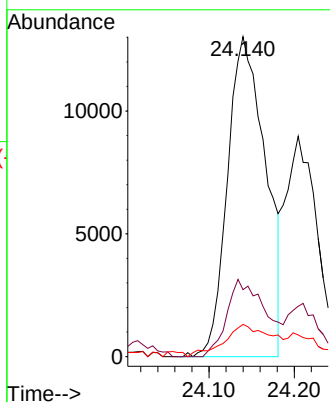
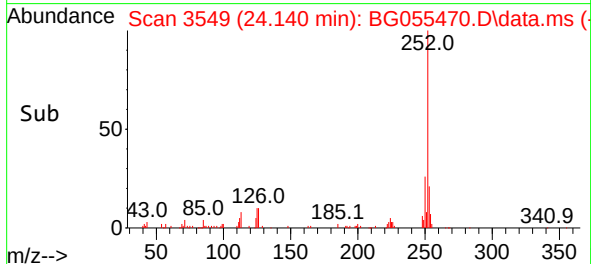
SB-01-COMP



Tgt Ion:252 Resp: 40399
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 10.1 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#90
Benzo(a)pyrene
Concen: 2.862 ng
RT: 25.062 min Scan# 3706
Delta R.T. -0.001 min
Lab File: BG055470.D
Acq: 5 Nov 2022 14:40

Tgt Ion:252 Resp: 32804
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 8.5 7.1 10.7

