

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055473.D
 Acq On : 5 Nov 2022 16:48
 Operator : CG/JU
 Sample : N5418-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-O

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:56:16 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	30053	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	123661	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	81949	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	185483	20.000	ng	0.00
76) Chrysene-d12	21.849	240	203851	20.000	ng	0.00
86) Perylene-d12	25.221	264	217948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	176656	105.563	ng	0.00
7) Phenol-d6	7.377	99	231866	99.913	ng	0.00
23) Nitrobenzene-d5	9.404	82	140231	60.436	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	124367	111.260	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	362829	65.645	ng	0.00
79) Terphenyl-d14	20.151	244	642349	61.274	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.610	202	41206	3.283	ng	99
78) Pyrene	19.974	202	46777	3.253	ng	98
83) Chrysene	21.896	228	32701m	2.449	ng	
88) Benzo(b)fluoranthene	24.140	252	38220	2.761	ng	96
90) Benzo(a)pyrene	25.057	252	30691	2.564	ng	99

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

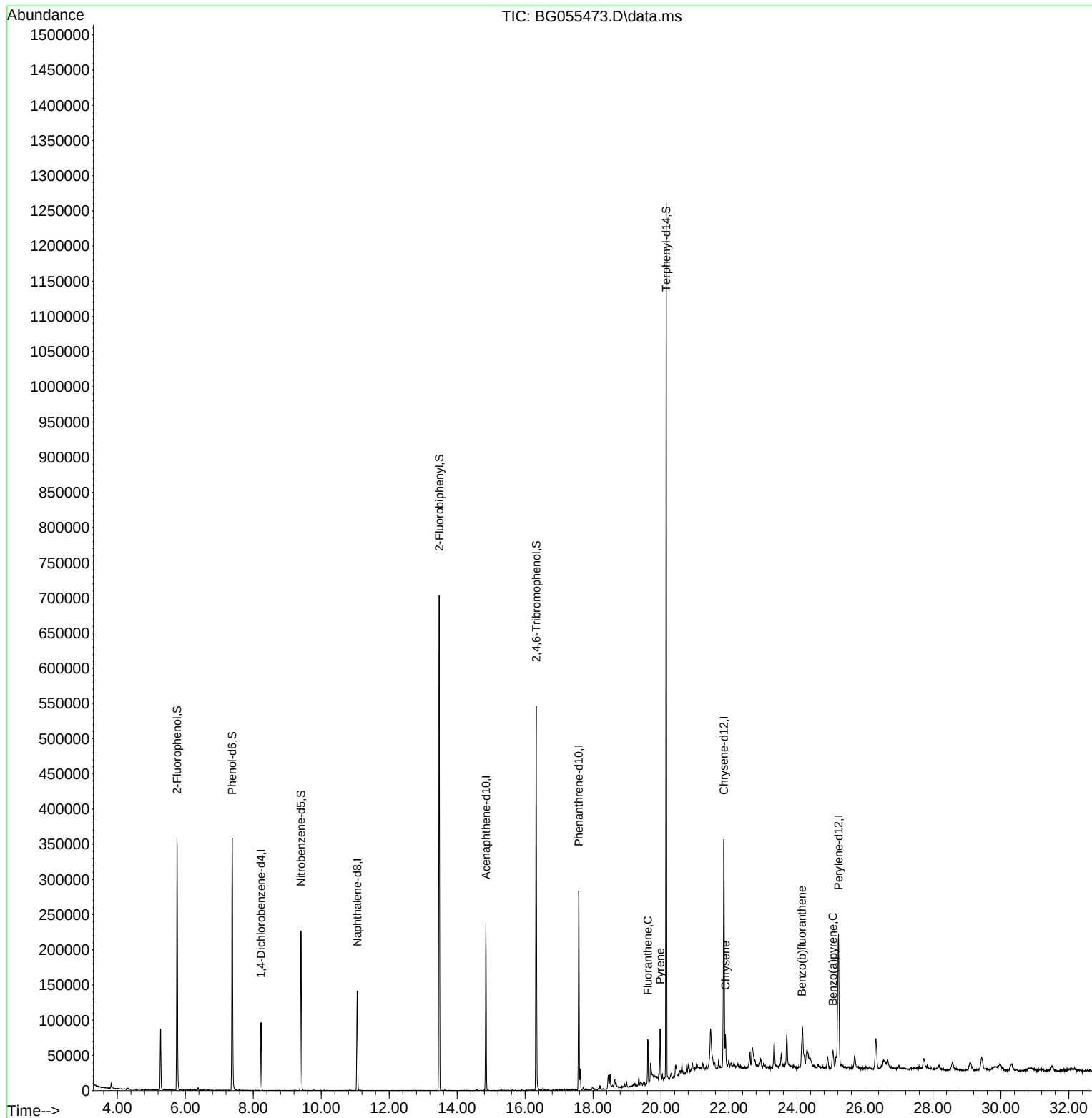
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
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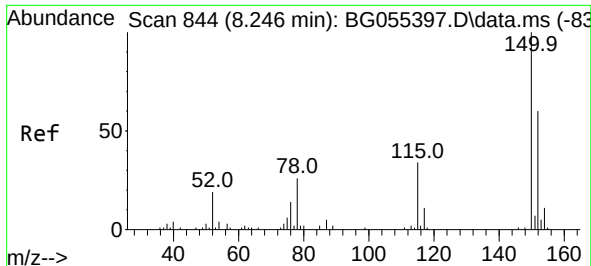
Instrument :
BNA_G
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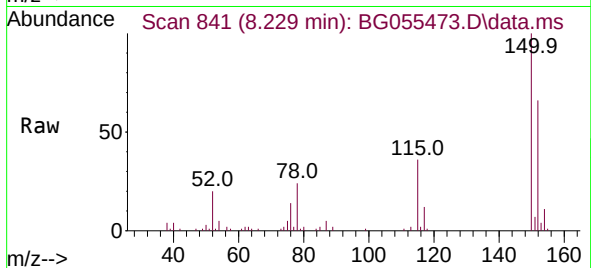
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

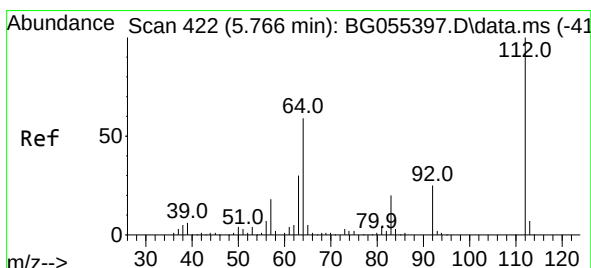
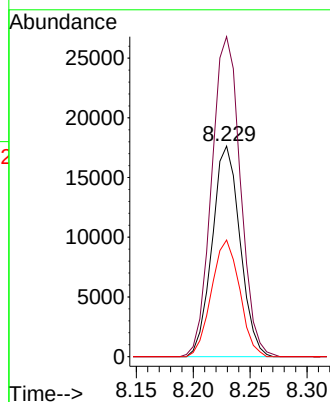
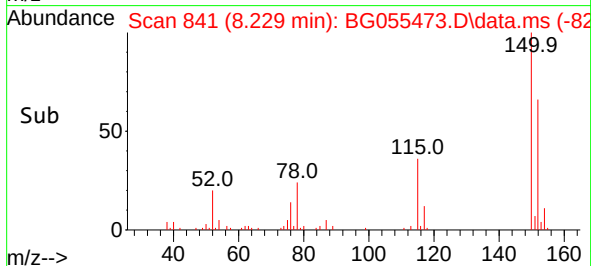
Instrument :
BNA_G
ClientSampleId :
TP-O



Tgt Ion:152 Resp: 30053
Ion Ratio Lower Upper
152 100
150 152.0 132.8 199.2
115 55.4 45.1 67.7

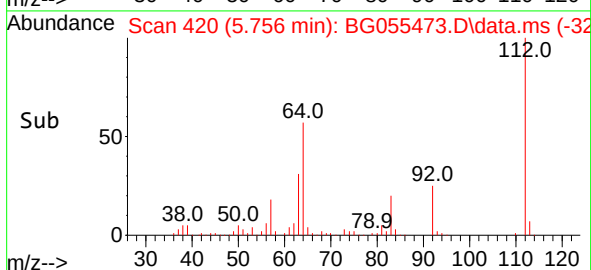
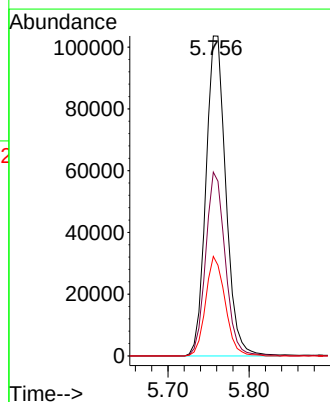
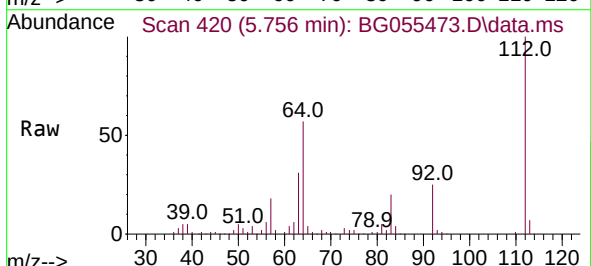
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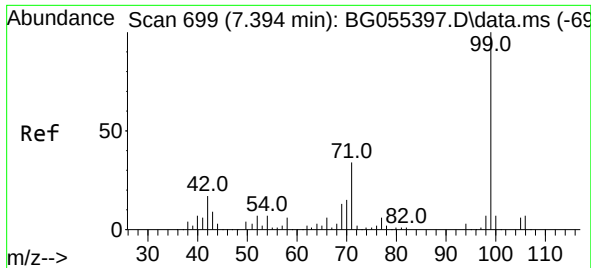
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#5
2-Fluorophenol
Concen: 105.563 ng
RT: 5.756 min Scan# 420
Delta R.T. 0.005 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

Tgt Ion:112 Resp: 176656
Ion Ratio Lower Upper
112 100
64 57.4 47.2 70.8
63 31.1 24.3 36.5





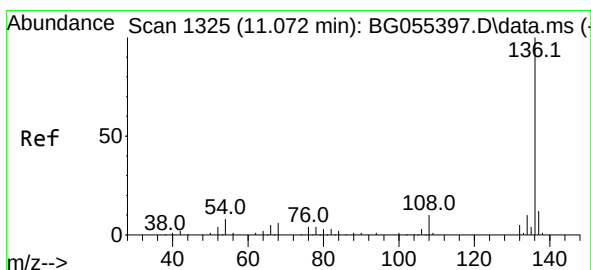
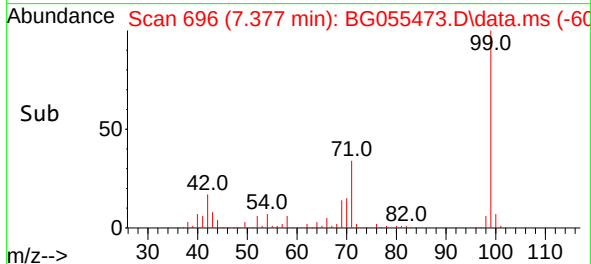
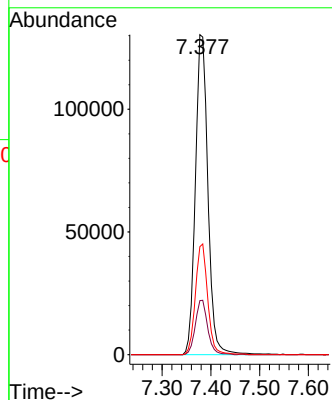
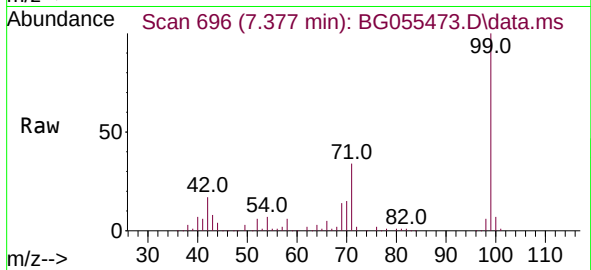
#7
Phenol-d6
Concen: 99.913 ng
RT: 7.377 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

Instrument :
BNA_G
ClientSampleId :
TP-O

Tgt Ion: 99 Resp: 231866
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 33.7 27.4 41.0

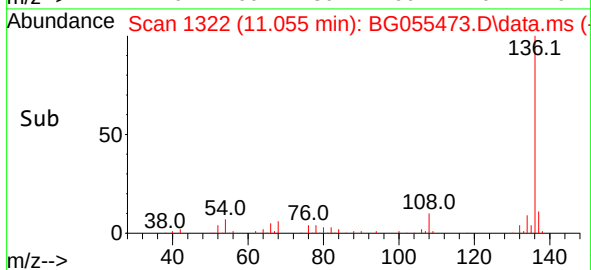
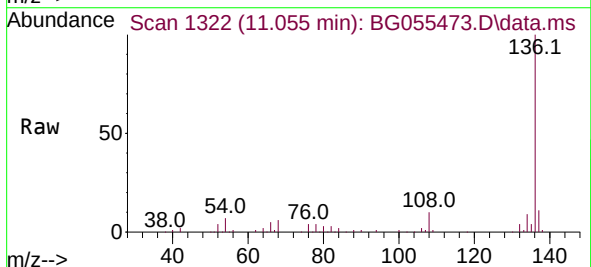
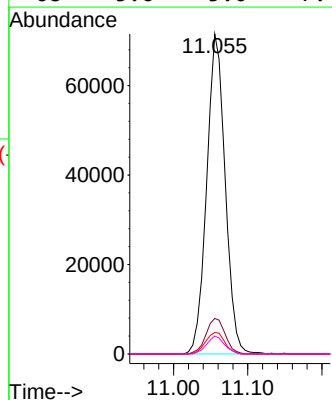
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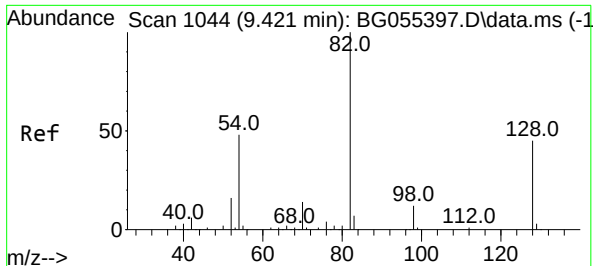
Reviewed By :Christian Giraldo 11/07/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

Tgt Ion:136 Resp: 123661
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 6.7 6.1 9.1
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 60.436 ng

RT: 9.404 min Scan# 1041

Delta R.T. -0.001 min

Lab File: BG055473.D

Acq: 5 Nov 2022 16:48

Instrument :

BNA_G

ClientSampleId :

TP-O

Tgt Ion: 82 Resp: 140231

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.8

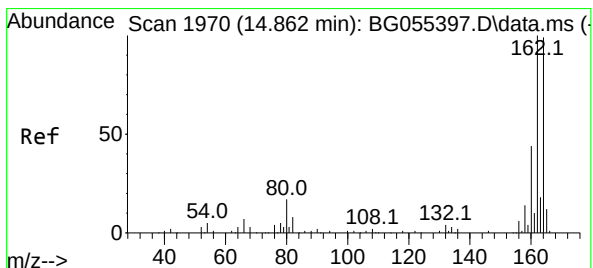
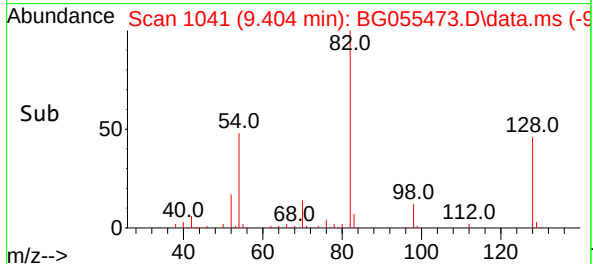
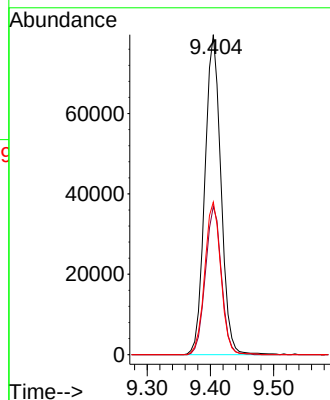
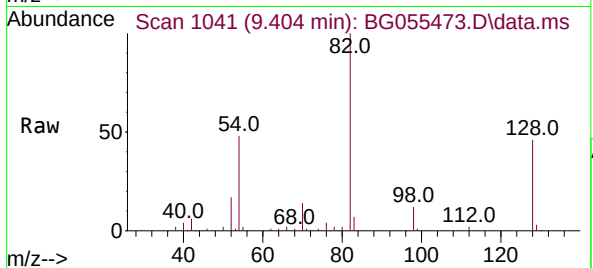
54 47.7 38.1 57.1

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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: BG055473.D

Acq: 5 Nov 2022 16:48

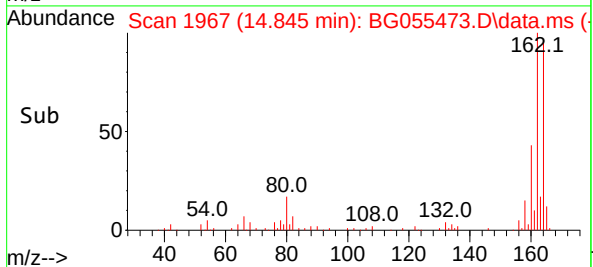
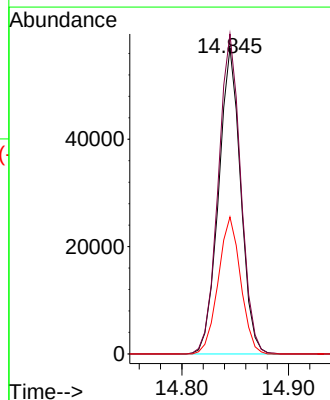
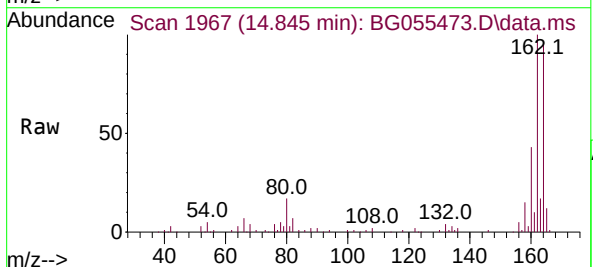
Tgt Ion:164 Resp: 81949

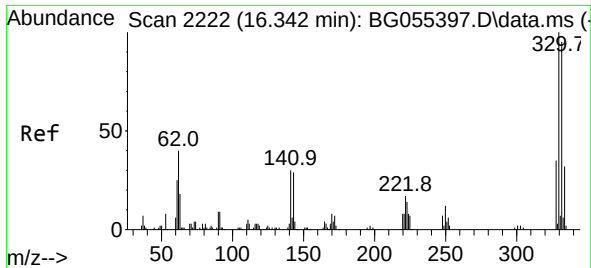
Ion Ratio Lower Upper

164 100

162 104.5 81.1 121.7

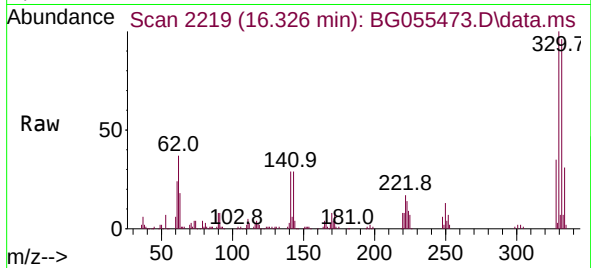
160 44.7 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 111.260 ng
RT: 16.326 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

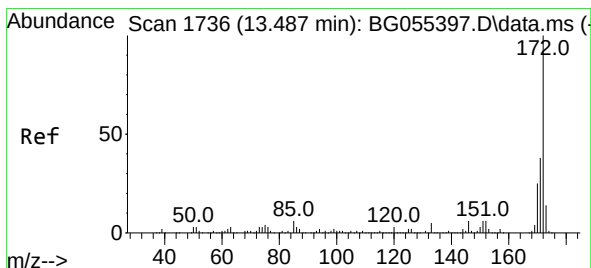
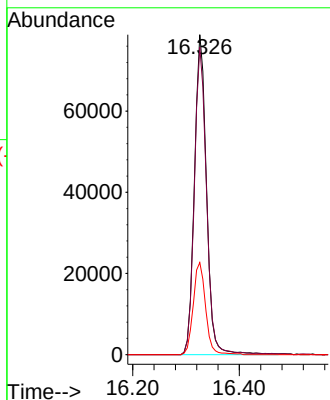
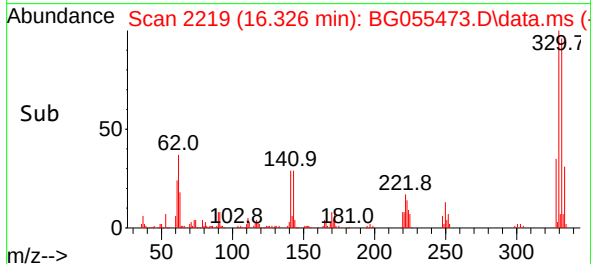
Instrument :
BNA_G
ClientSampleId :
TP-O



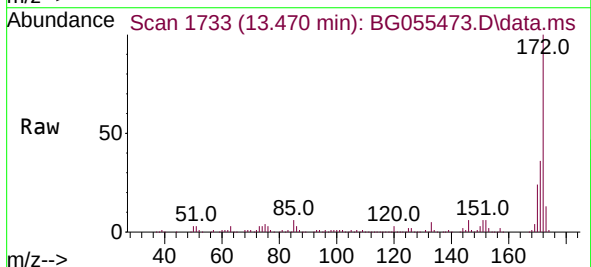
Tgt Ion:330 Resp: 124362
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 29.3 24.2 36.2

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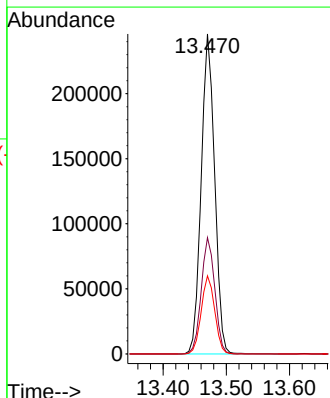
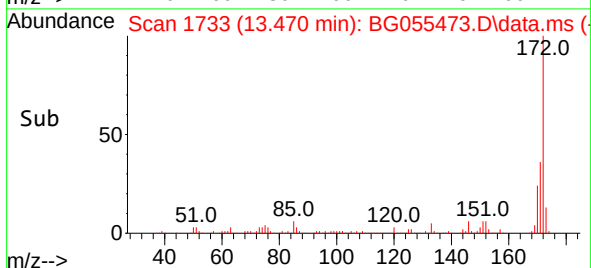
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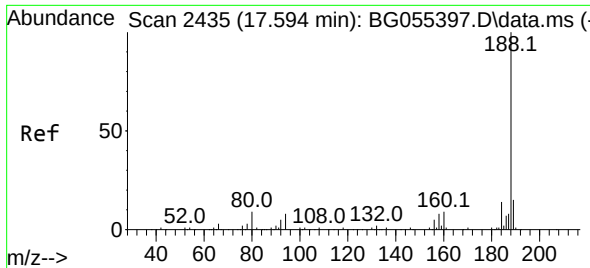


#45
2-Fluorobiphenyl
Concen: 65.645 ng
RT: 13.470 min Scan# 1733
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48



Tgt Ion:172 Resp: 362829
Ion Ratio Lower Upper
172 100
171 36.3 30.2 45.2
170 24.4 20.2 30.2





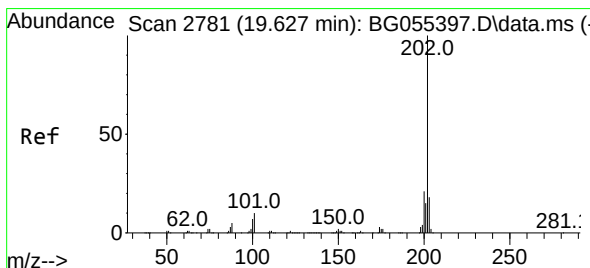
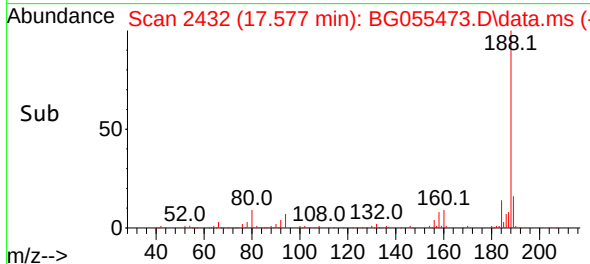
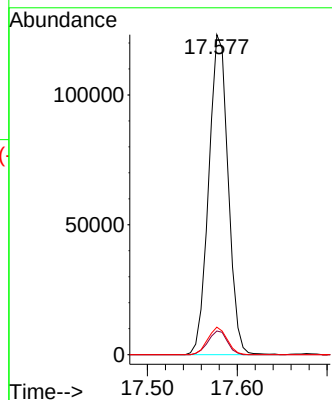
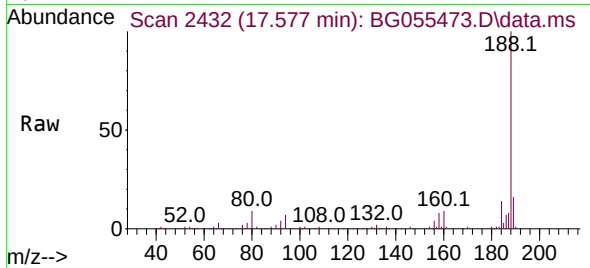
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

Instrument :
BNA_G
ClientSampleId :
TP-O

Tgt Ion:188 Resp: 185483
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.6 7.4 11.0

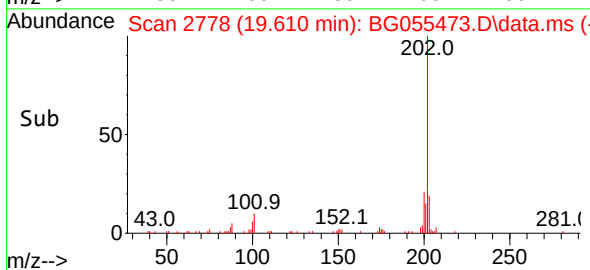
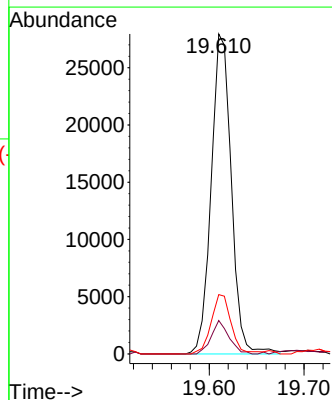
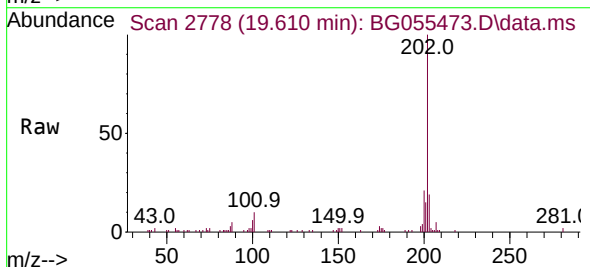
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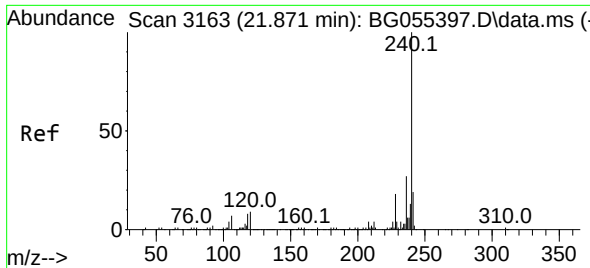
Reviewed By :Christian Giraldo 11/07/2022
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#75
Fluoranthene
Concen: 3.283 ng
RT: 19.610 min Scan# 2778
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

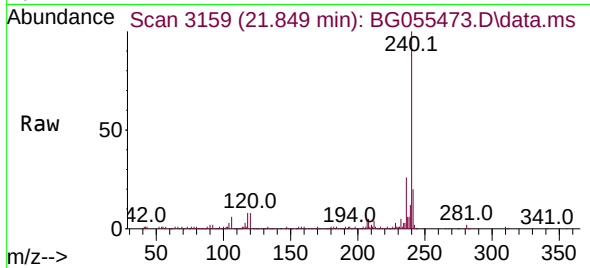
Tgt Ion:202 Resp: 41206
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.8
203 18.5 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

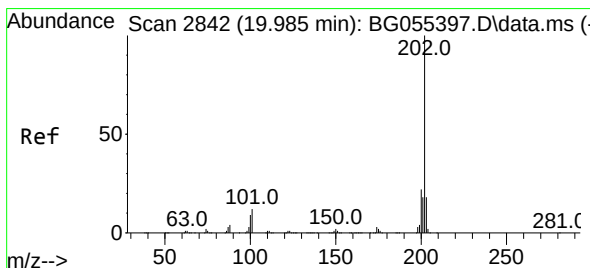
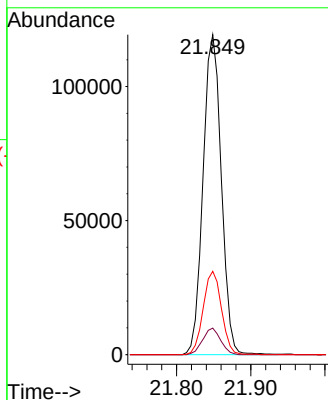
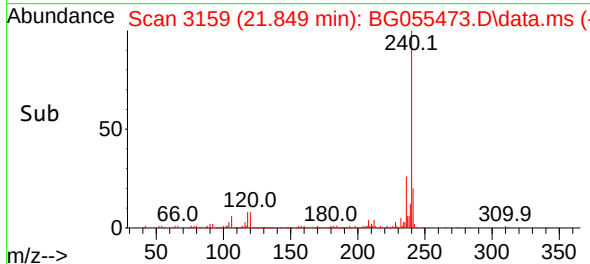
Instrument :
BNA_G
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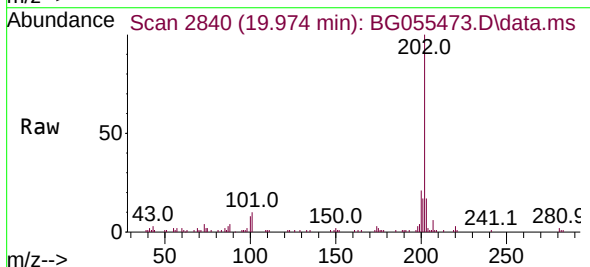
Tgt Ion:240 Resp: 20385
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.0 21.5 32.3

Manual Integrations
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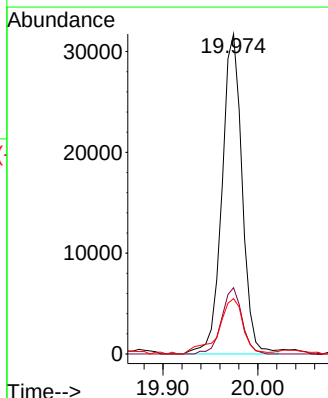
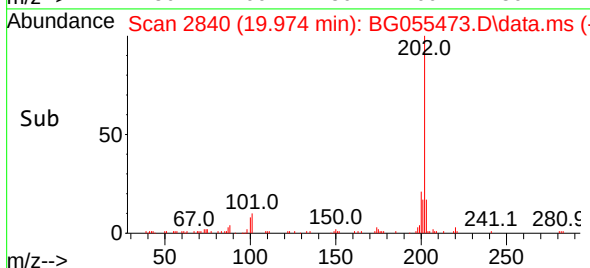
Reviewed By :Christian Giraldo 11/07/2022
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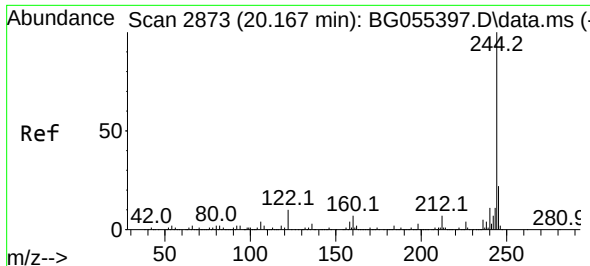


#78
Pyrene
Concen: 3.253 ng
RT: 19.974 min Scan# 2840
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48



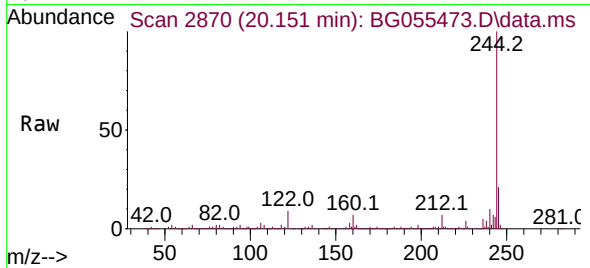
Tgt Ion:202 Resp: 46777
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.3 14.7 22.1





#79
 Terphenyl-d14
 Concen: 61.274 ng
 RT: 20.151 min Scan# 2873
 Delta R.T. -0.006 min
 Lab File: BG055473.D
 Acq: 5 Nov 2022 16:48

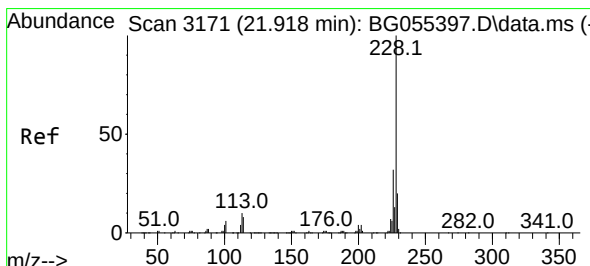
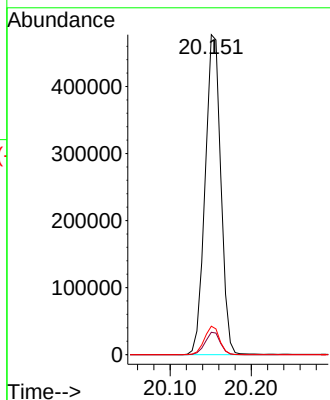
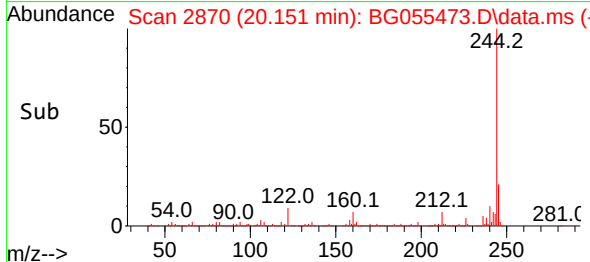
Instrument :
 BNA_G
 ClientSampleId :
 TP-O



Tgt Ion:244 Resp: 642349
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.9 7.8 11.6

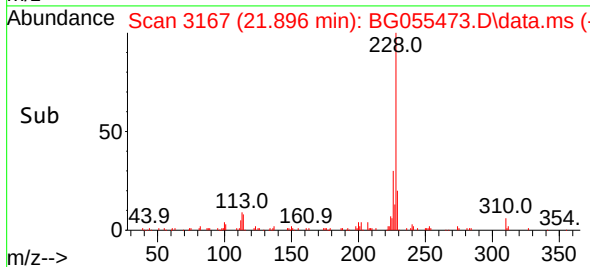
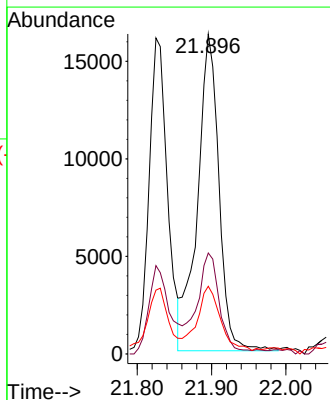
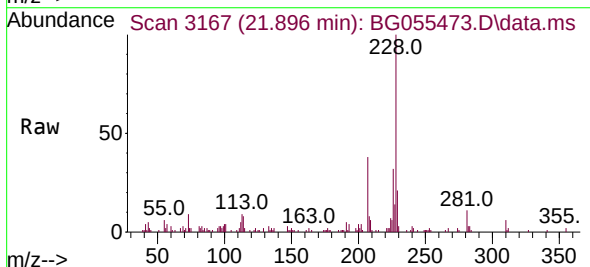
Manual Integrations
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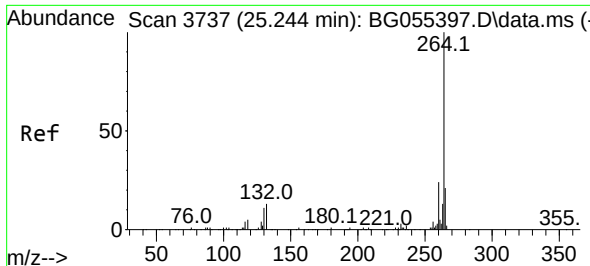
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022



#83
 Chrysene
 Concen: 2.449 ng m
 RT: 21.896 min Scan# 3167
 Delta R.T. -0.006 min
 Lab File: BG055473.D
 Acq: 5 Nov 2022 16:48

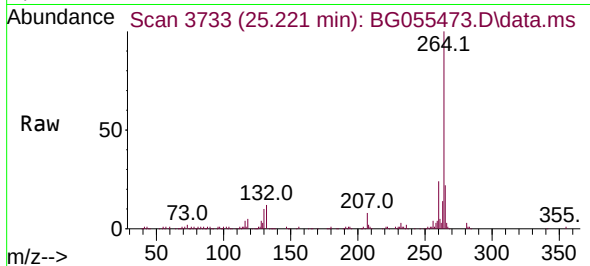
Tgt Ion:228 Resp: 32701
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.2 37.8
 229 21.1 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.221 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

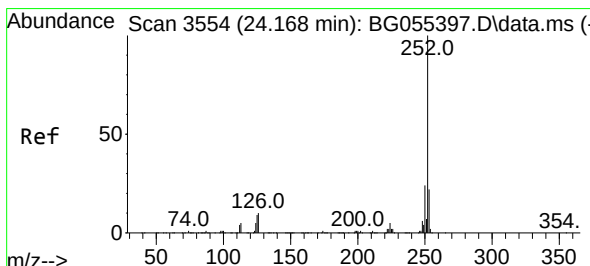
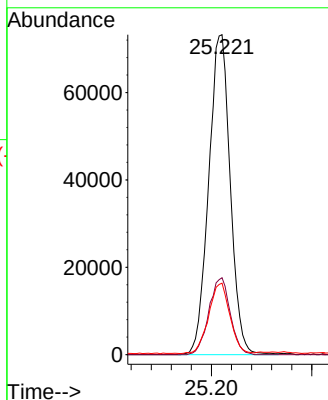
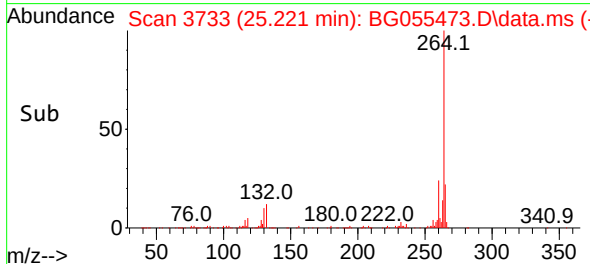
Instrument :
BNA_G
ClientSampleId :
TP-O



Tgt Ion:264 Resp: 217948
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 22.3 17.1 25.7

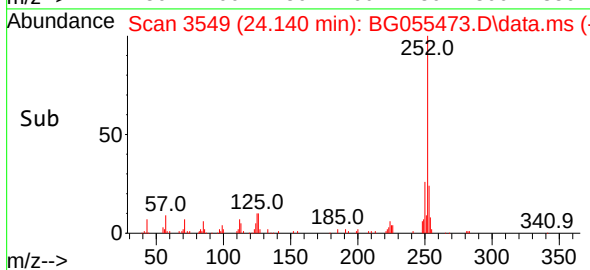
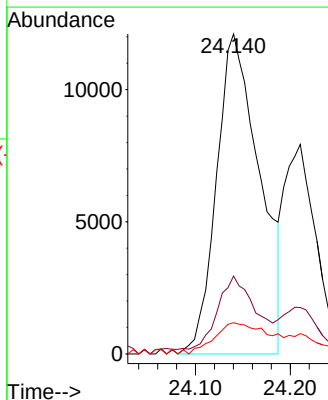
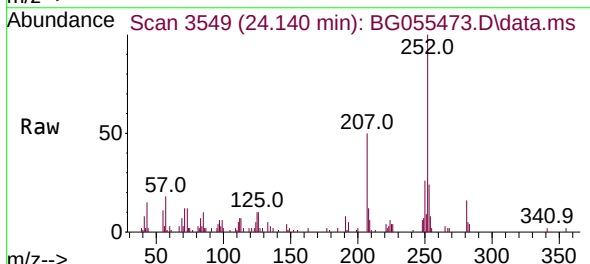
Manual Integrations
APPROVED

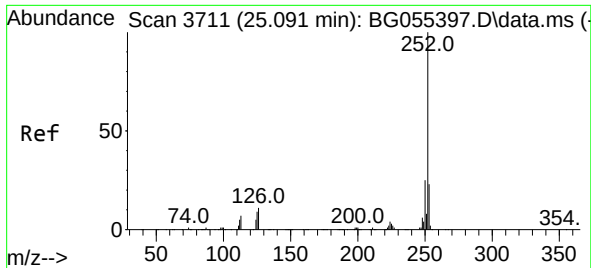
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#88
Benzo(b)fluoranthene
Concen: 2.761 ng
RT: 24.140 min Scan# 3549
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

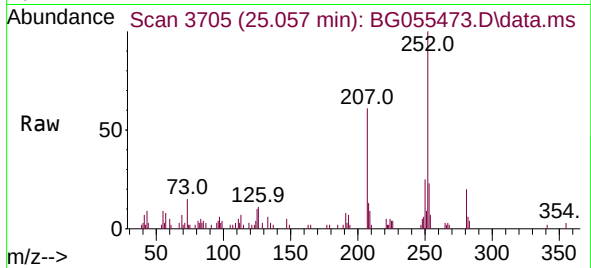
Tgt Ion:252 Resp: 38220
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 9.7 6.8 10.2





#90
Benzo(a)pyrene
Concen: 2.564 ng
RT: 25.057 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055473.D
Acq: 5 Nov 2022 16:48

Instrument :
BNA_G
ClientSampleId :
TP-O



Tgt Ion:252 Resp: 3069
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.4 7.1 10.7

Manual Integrations
APPROVED

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

