

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053573.D
 Acq On : 16 May 2022 18:56
 Operator : CG/JU
 Sample : N2832-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB07

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 05:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	25309	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	104619	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	83555	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	203466	20.000	ng	0.00
76) Chrysene-d12	21.742	240	193971	20.000	ng	0.00
86) Perylene-d12	25.025	264	195183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	170668	114.444	ng	0.00
7) Phenol-d6	7.250	99	263371	116.369	ng	0.00
23) Nitrobenzene-d5	9.247	82	185909	75.645	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	140545	114.047	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	401240	70.172	ng	0.00
79) Terphenyl-d14	20.062	244	702250	67.429	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.509	202	44267	3.305	ng	93
78) Pyrene	19.868	202	43998	3.504	ng	98
81) Benzo(a)anthracene	21.718	228	27177m	2.197	ng	
83) Chrysene	21.789	228	23895	2.068	ng	95
88) Benzo(b)fluoranthene	23.980	252	41138	3.561	ng	98
90) Benzo(a)pyrene	24.867	252	27133	2.759	ng	98

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

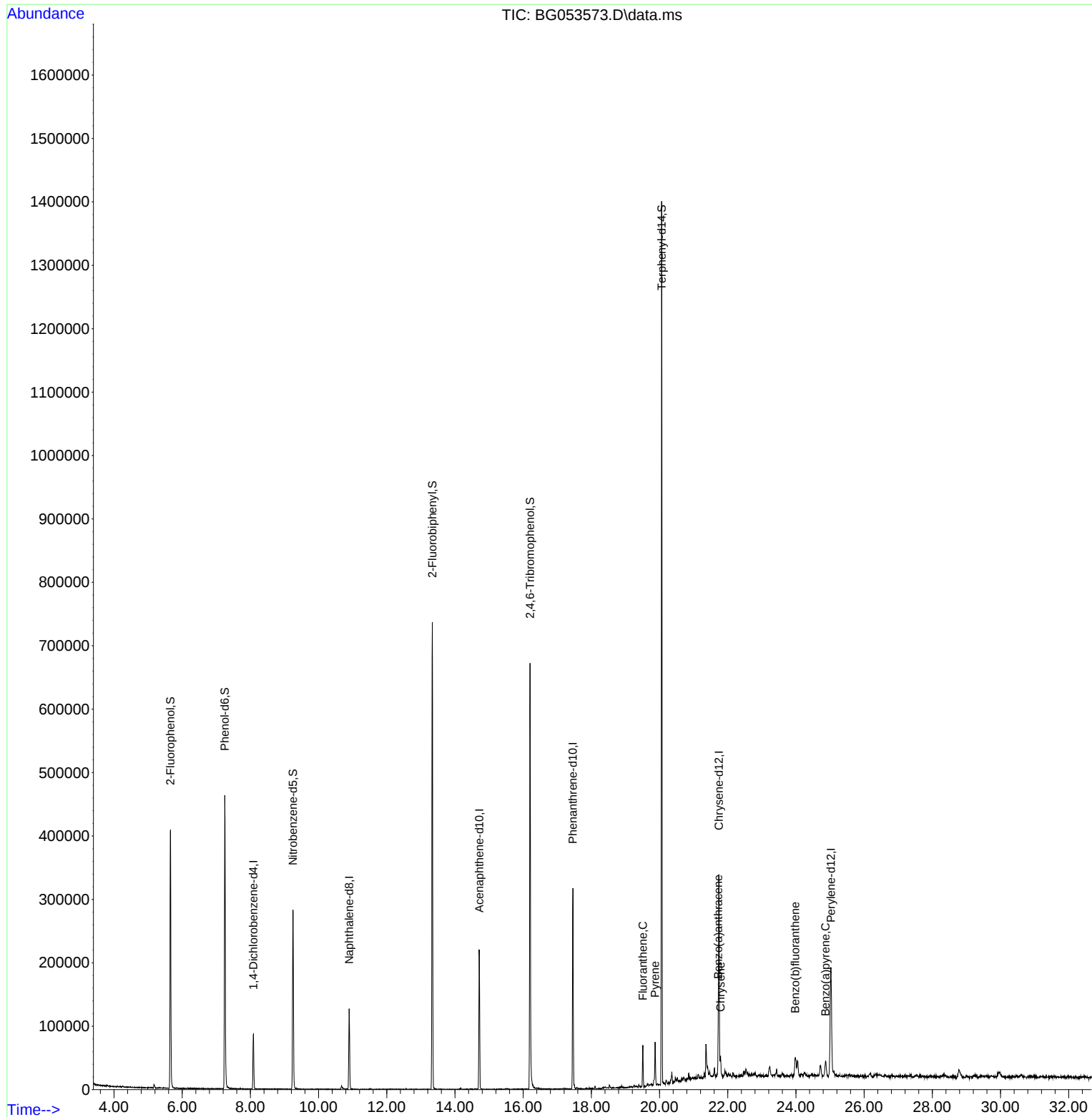
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053573.D
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ALS Vial : 15 Sample Multiplier: 1

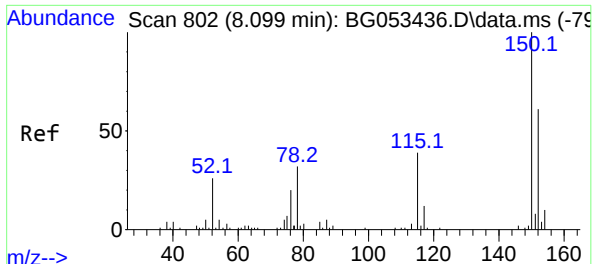
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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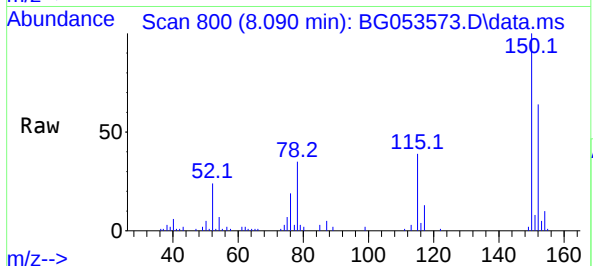
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

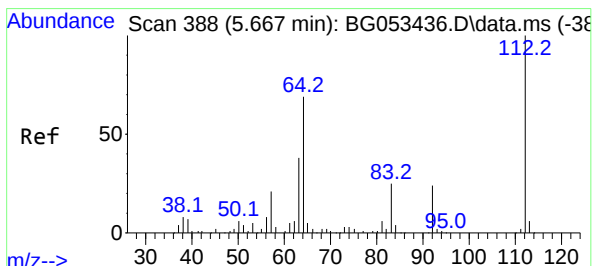
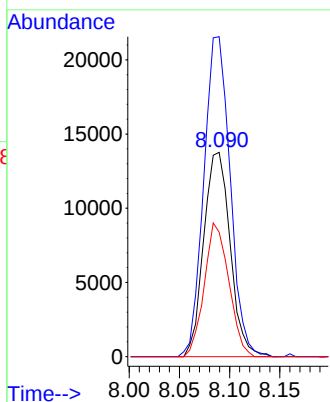
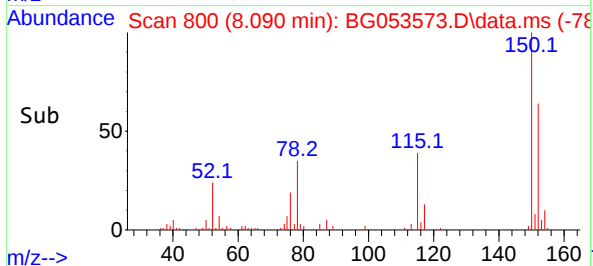
Instrument :
BNA_G
ClientSampleId :
SB07



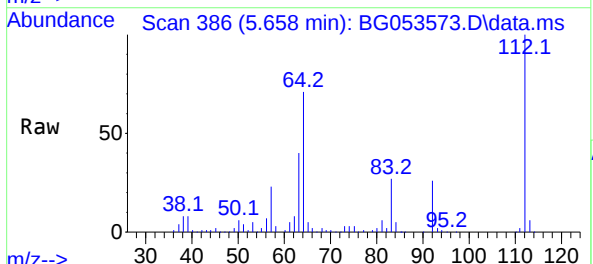
Tgt Ion:152 Resp: 25309
Ion Ratio Lower Upper
152 100
150 156.6 131.6 197.4
115 60.9 50.9 76.3

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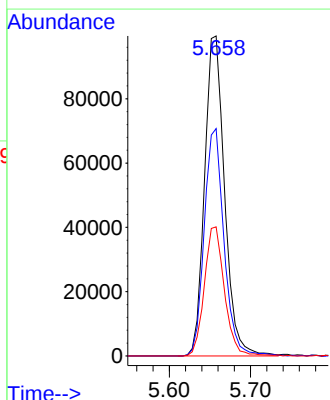
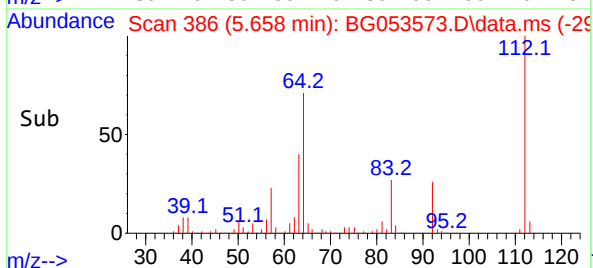
Reviewed By :Christian Giraldo 05/17/2022
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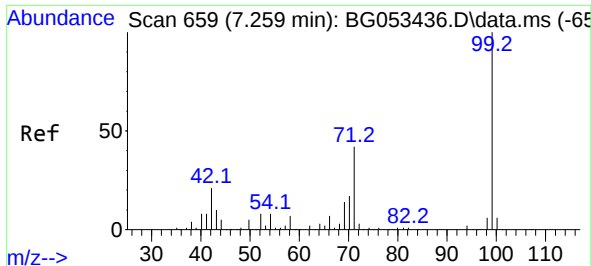


#5
2-Fluorophenol
Concen: 114.444 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



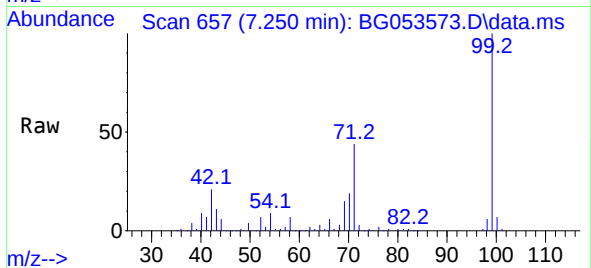
Tgt Ion:112 Resp: 170668
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 40.4 30.4 45.6





#7
Phenol-d6
Concen: 116.369 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

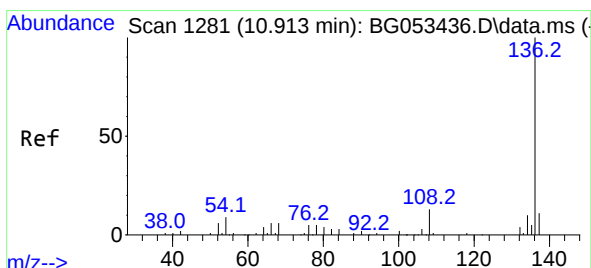
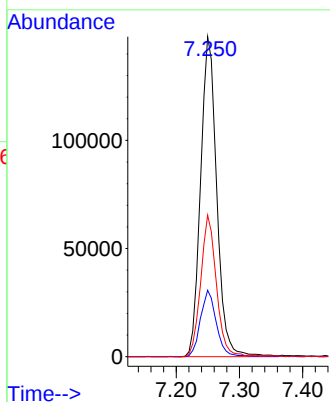
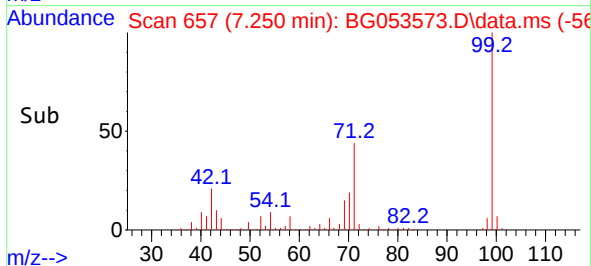
Instrument :
BNA_G
ClientSampleId :
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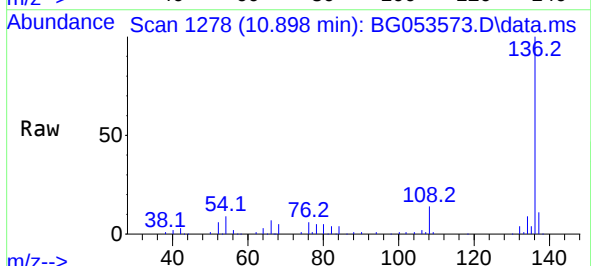
Tgt Ion: 99 Resp: 26337
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 44.3 33.8 50.8

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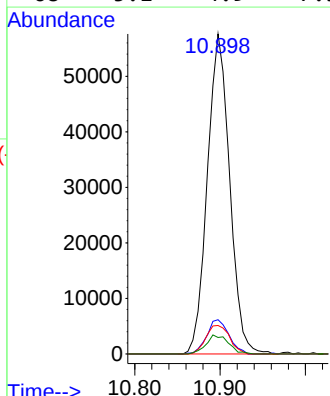
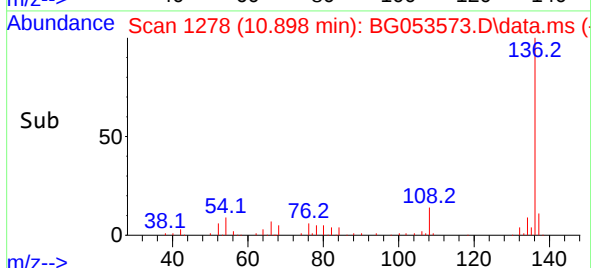
Reviewed By :Christian Giraldo 05/17/2022
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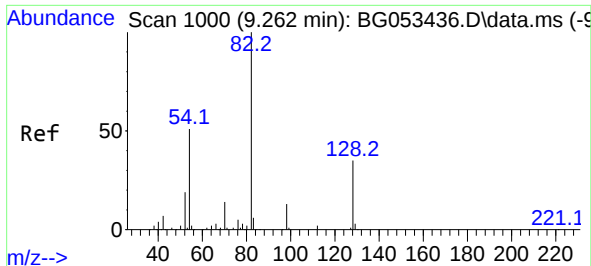


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



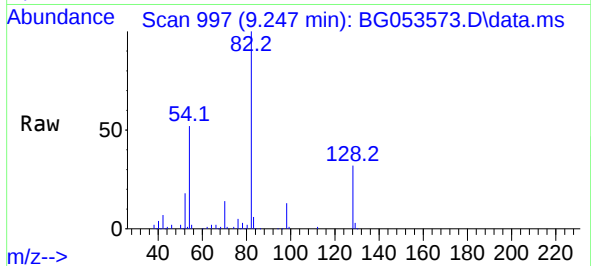
Tgt Ion:136 Resp: 104619
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.9 7.4 11.2
68 5.1 4.9 7.3





#23
Nitrobenzene-d5
Concen: 75.645 ng
RT: 9.247 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

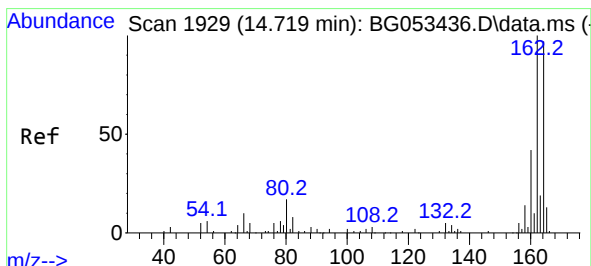
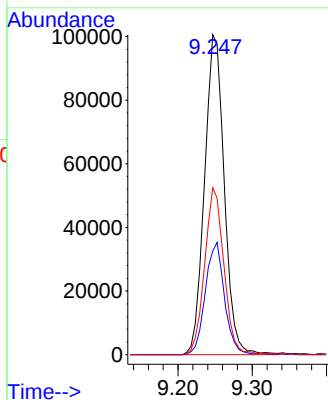
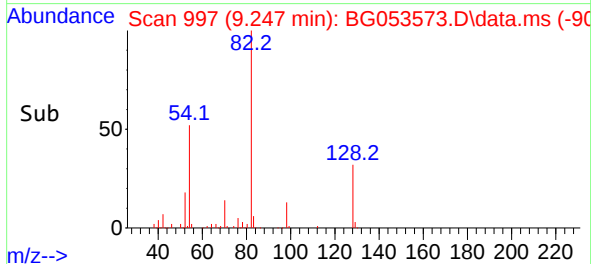
Instrument :
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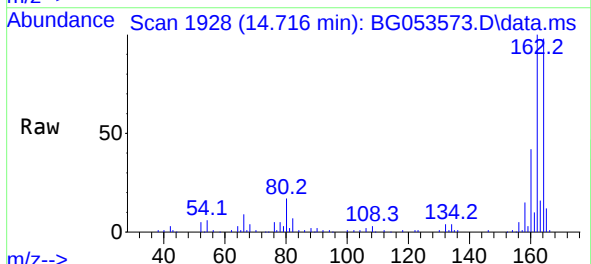
Tgt Ion: 82 Resp: 185909
Ion Ratio Lower Upper
82 100
128 32.3 27.9 41.9
54 52.2 41.2 61.8

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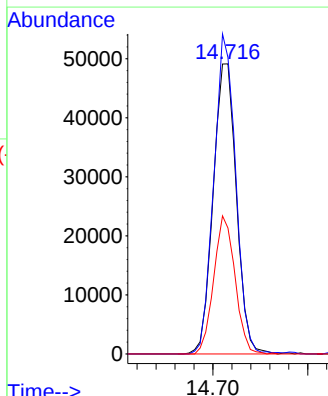
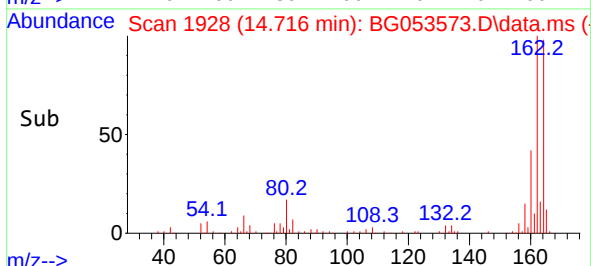
Reviewed By :Christian Giraldo 05/17/2022
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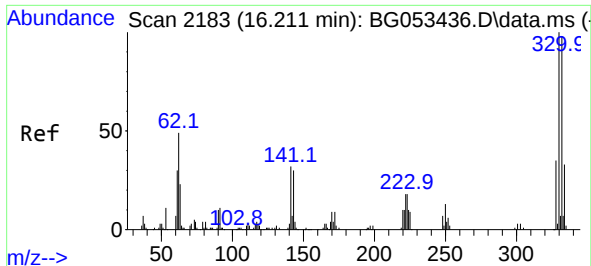


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



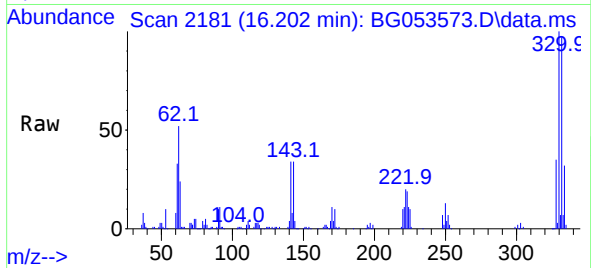
Tgt Ion:164 Resp: 83555
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 43.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 114.047 ng
RT: 16.202 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

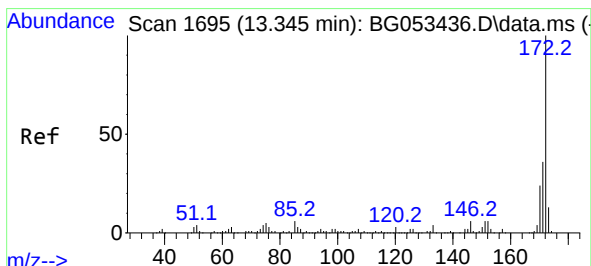
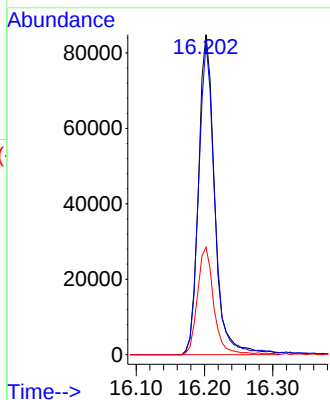
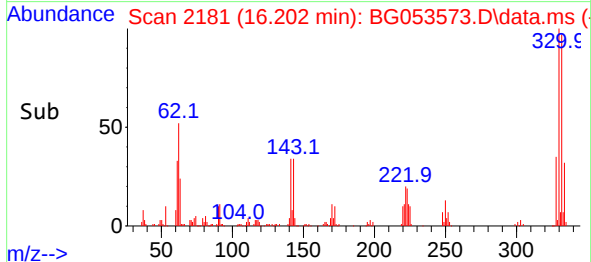
Instrument :
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ClientSampleId :
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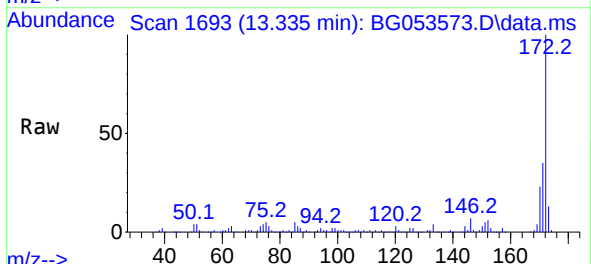
Tgt Ion:330 Resp: 140549
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 34.0 27.1 40.7

Manual Integrations
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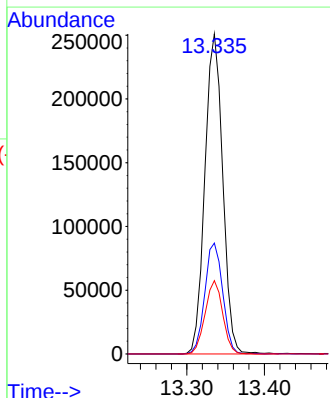
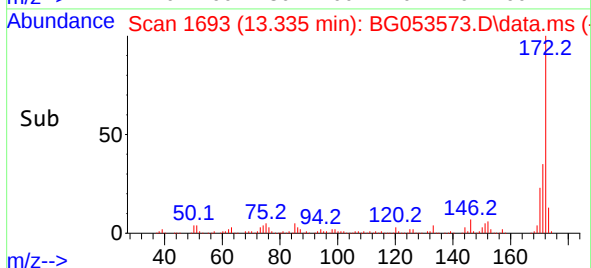
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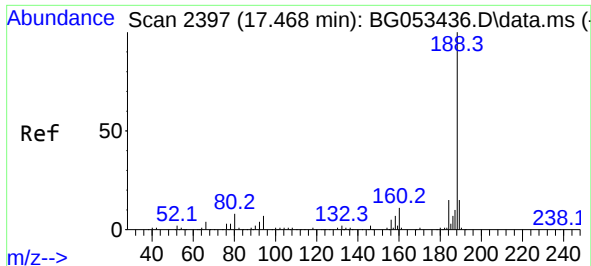


#45
2-Fluorobiphenyl
Concen: 70.172 ng
RT: 13.335 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



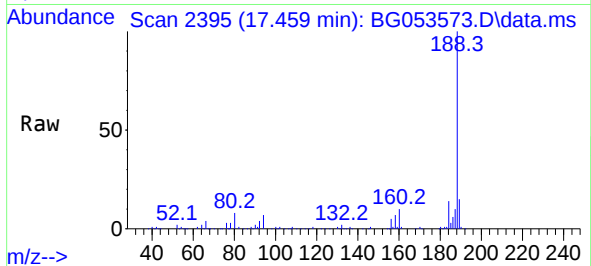
Tgt Ion:172 Resp: 401240
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

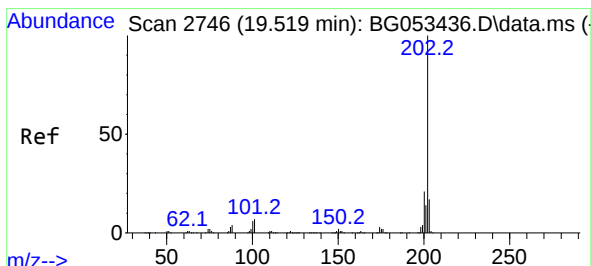
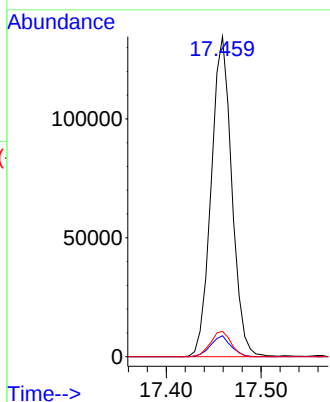
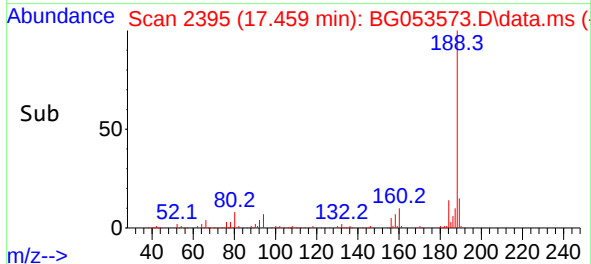
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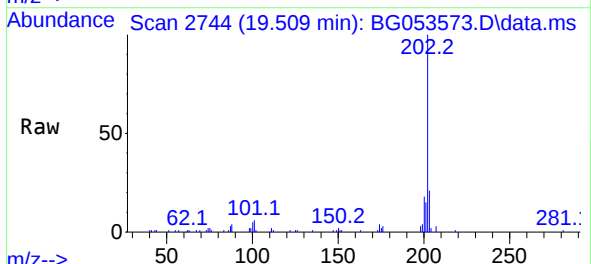
Tgt Ion:188 Resp: 203460
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.9 6.8 10.2

Manual Integrations
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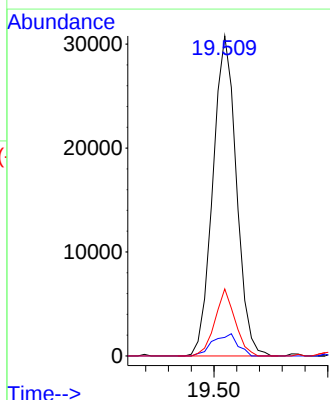
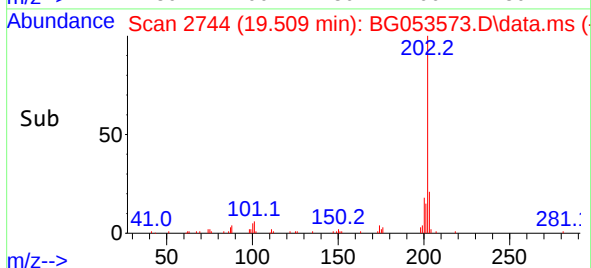
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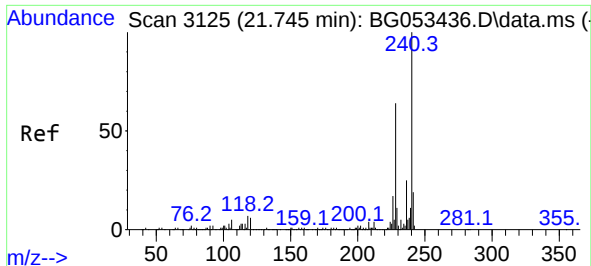


#75
Fluoranthene
Concen: 3.305 ng
RT: 19.509 min Scan# 2744
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



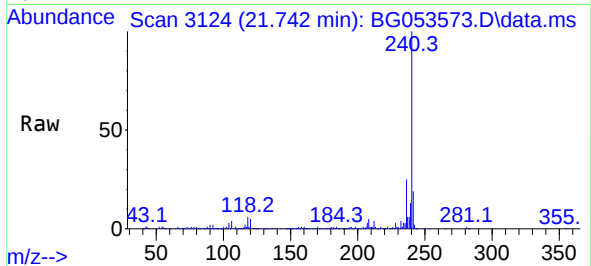
Tgt Ion:202 Resp: 44267
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.9
203 20.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

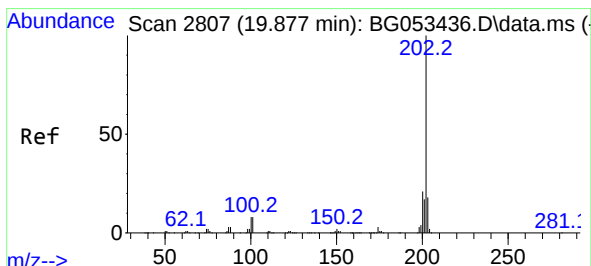
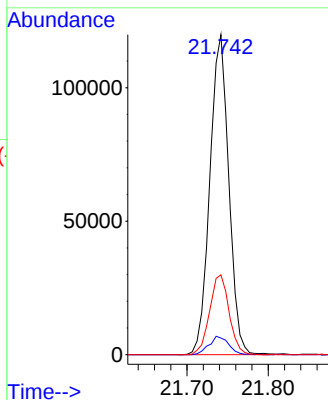
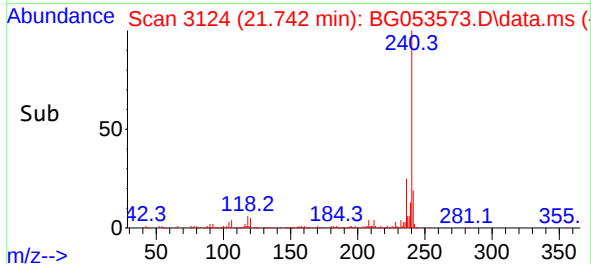
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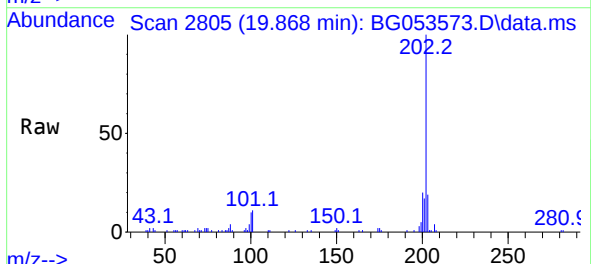
Tgt Ion:240 Resp: 19397
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 25.0 20.2 30.4

Manual Integrations
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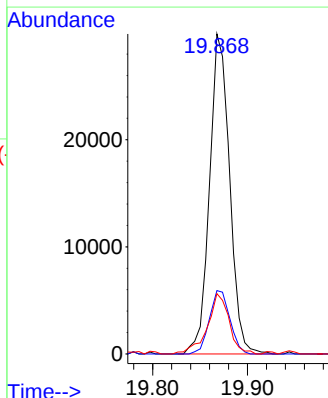
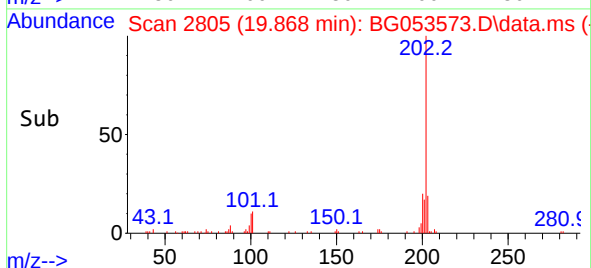
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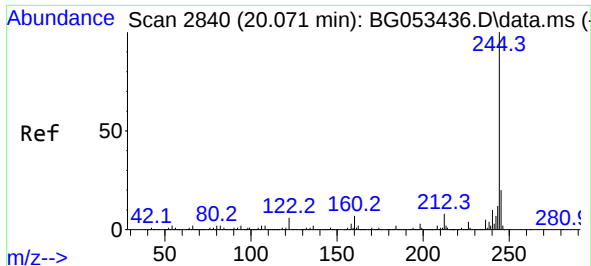


#78
Pyrene
Concen: 3.504 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



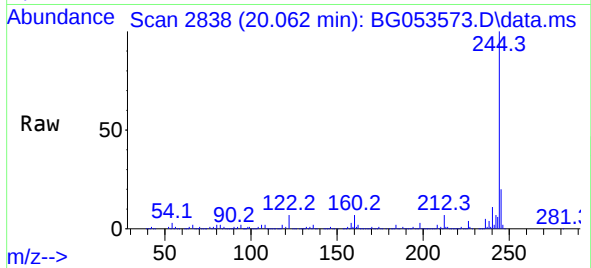
Tgt Ion:202 Resp: 43998
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 18.8 14.6 21.8





#79
Terphenyl-d14
Concen: 67.429 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

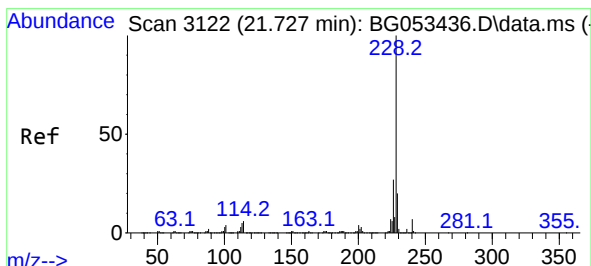
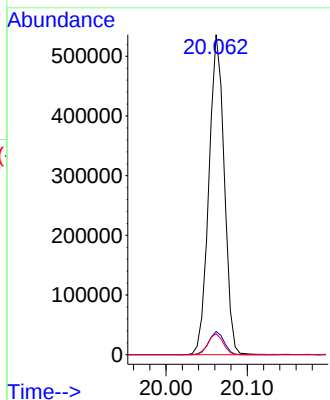
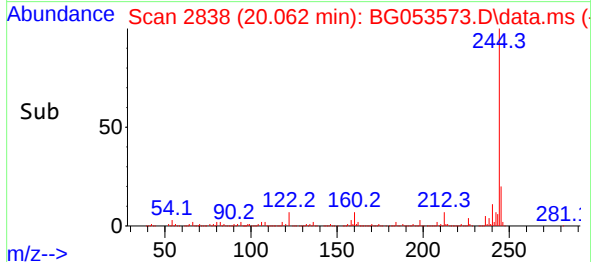
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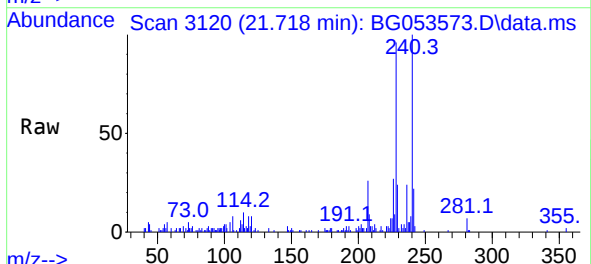
Tgt Ion:244 Resp: 702250
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.6 5.0 7.4

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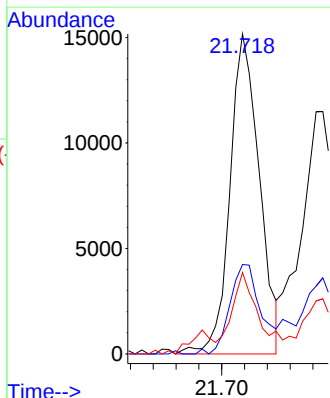
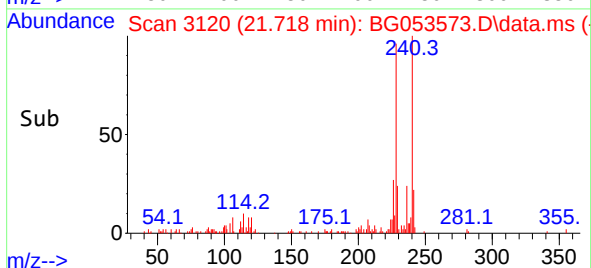
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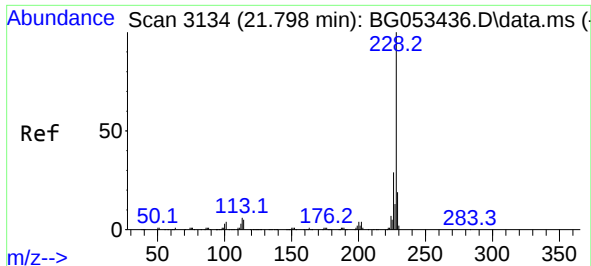


#81
Benzo(a)anthracene
Concen: 2.197 ng m
RT: 21.718 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



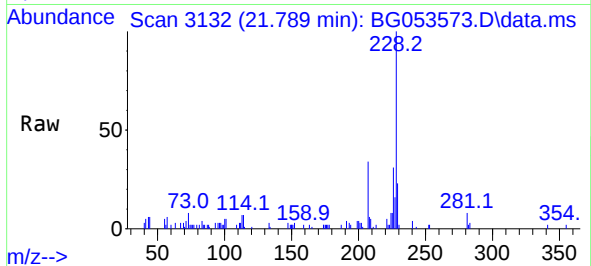
Tgt Ion:228 Resp: 27177
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 25.4 16.2 24.2#





#83
Chrysene
Concen: 2.068 ng
RT: 21.789 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

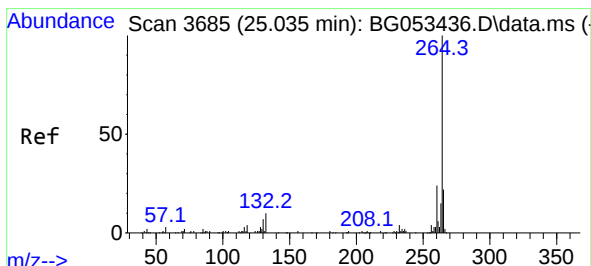
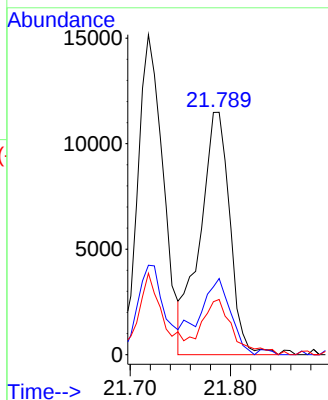
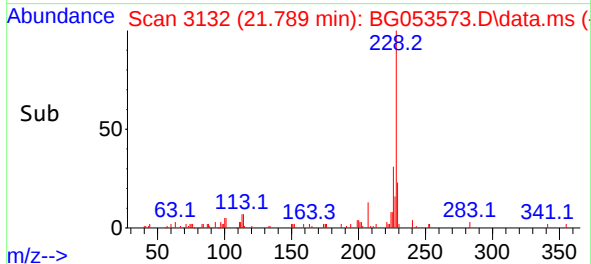
Instrument :
BNA_G
ClientSampleId :
SB07



Tgt Ion:228 Resp: 2389
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.2
229 22.8 15.5 23.3

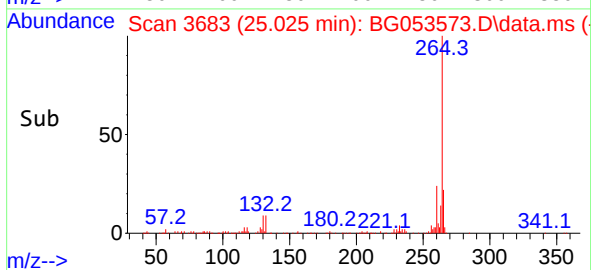
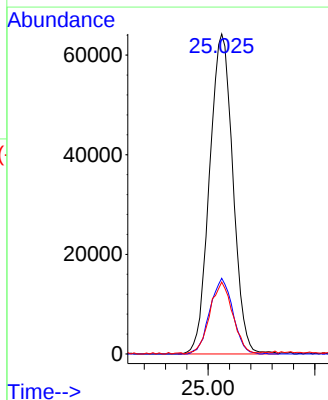
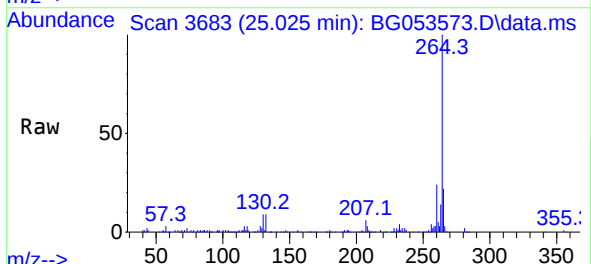
Manual Integrations
APPROVED

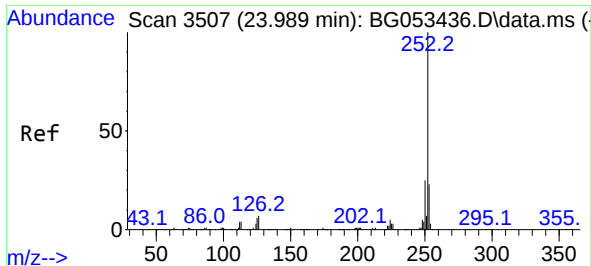
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.025 min Scan# 3683
Delta R.T. 0.006 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

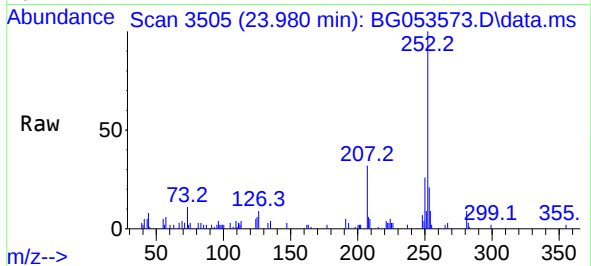
Tgt Ion:264 Resp: 195183
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.561 ng
RT: 23.980 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56

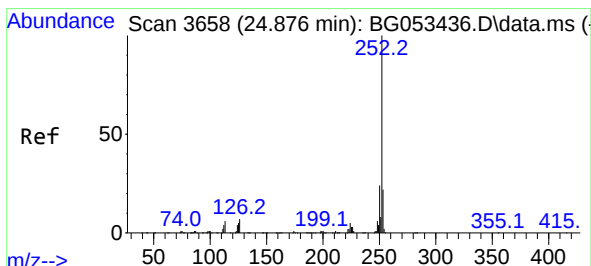
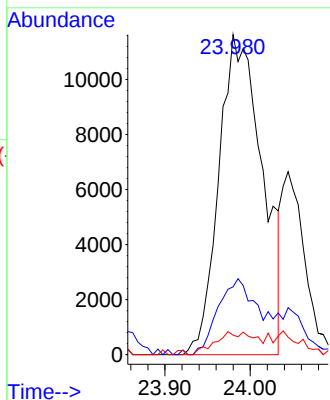
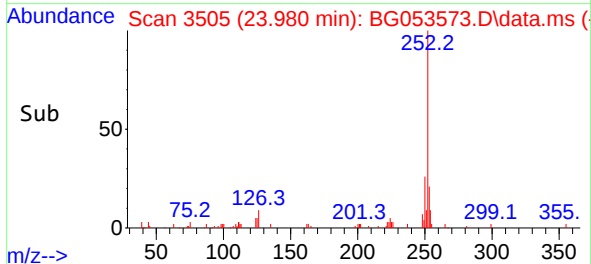
Instrument :
BNA_G
ClientSampleId :
SB07



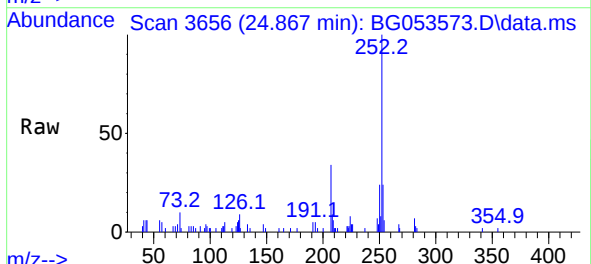
Tgt Ion:252 Resp: 41138
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 6.1 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#90
Benzo(a)pyrene
Concen: 2.759 ng
RT: 24.867 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BG053573.D
Acq: 16 May 2022 18:56



Tgt Ion:252 Resp: 27133
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 5.9 4.3 6.5

