

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054110.D
 Acq On : 28 Jun 2022 2:59
 Operator : CG/JU
 Sample : N3494-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 05:01:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	36348	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	144199	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	96312	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	206545	20.000	ng	0.00
76) Chrysene-d12	21.725	240	212162	20.000	ng	0.00
86) Perylene-d12	25.004	264	227395	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	72715	38.248	ng	0.00
7) Phenol-d6	7.236	99	97457	37.788	ng	0.00
23) Nitrobenzene-d5	9.234	82	67219	26.196	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	44314	28.637	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	165742	25.024	ng	0.00
79) Terphenyl-d14	20.051	244	271478	25.772	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.498	202	40594	2.914	ng	89
78) Pyrene	19.857	202	60005	4.683	ng	# 92
81) Benzo(a)anthracene	21.707	228	58192	4.236	ng	# 85
83) Chrysene	21.772	228	83471	6.375	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.608	149	17985	3.062	ng	# 86
88) Benzo(b)fluoranthene	23.958	252	65113m	4.709	ng	
90) Benzo(a)pyrene	24.845	252	59660	5.114	ng	# 73
92) Benzo(g,h,i)perylene	29.921	276	48180	3.440	ng	# 75

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

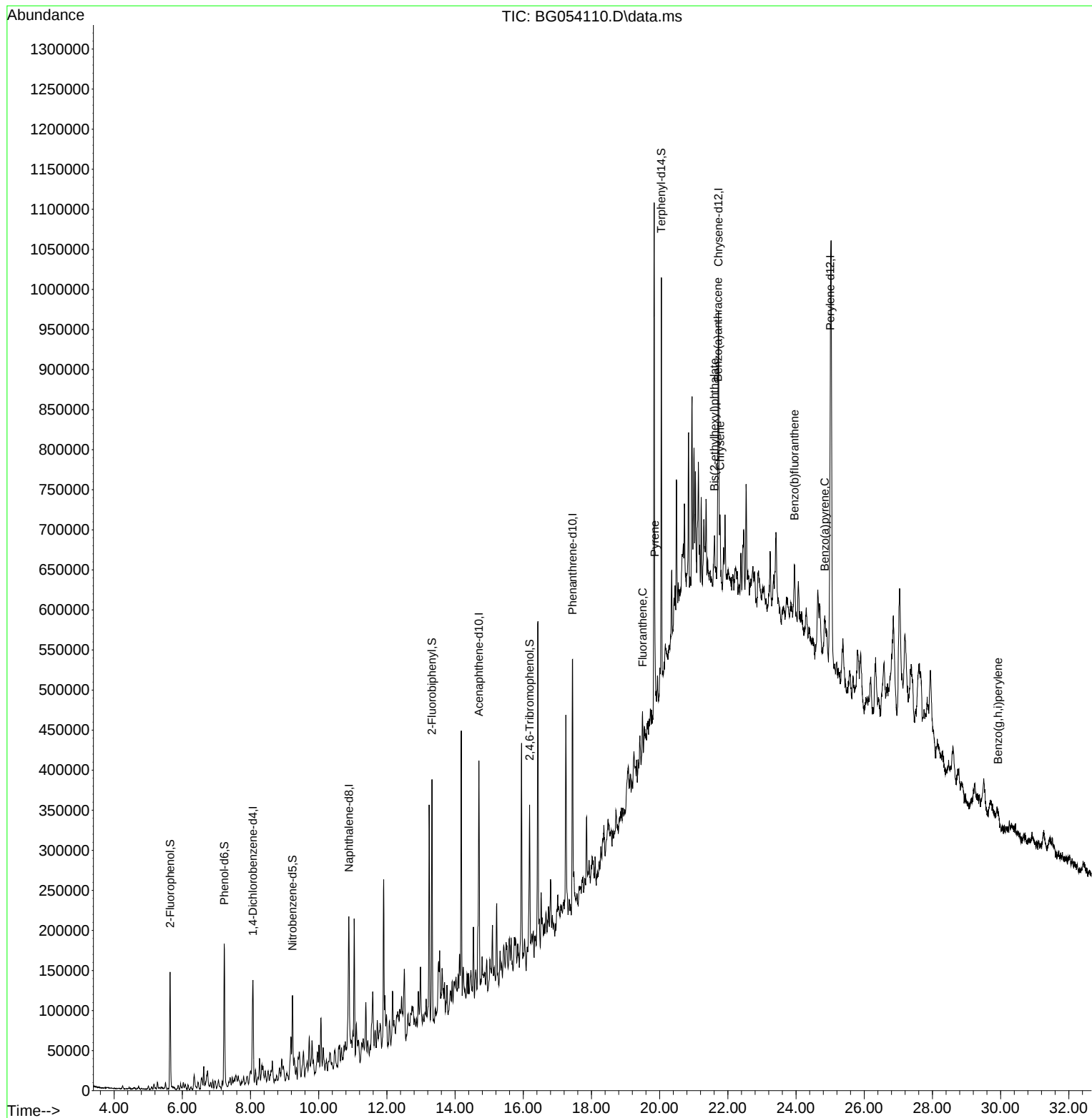
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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Quant Time: Jun 28 05:01:40 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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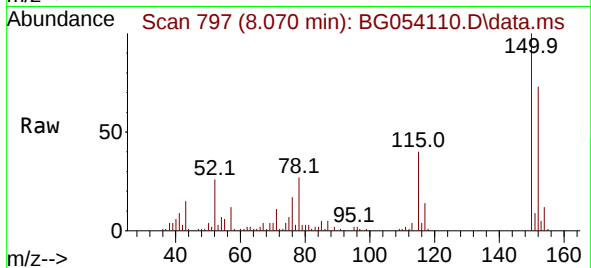
Reviewed By : Christian Giraldo 06/28/2022
Supervised By : Jagrut Upadhyay 06/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

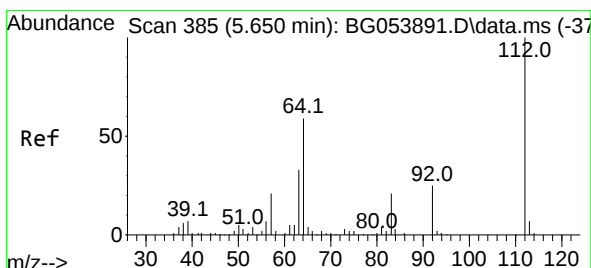
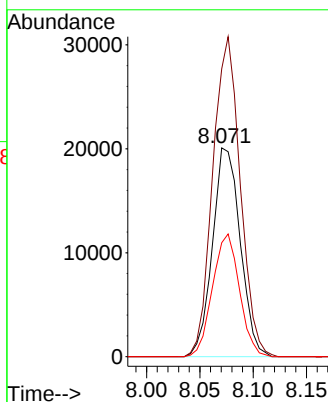
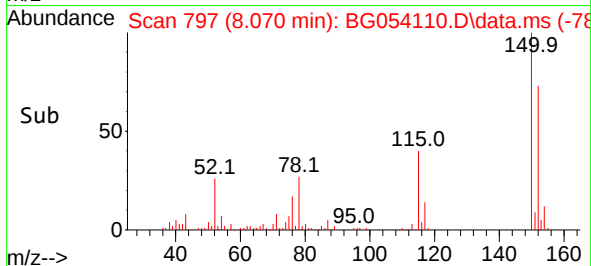
Instrument :
BNA_G
ClientSampleId :
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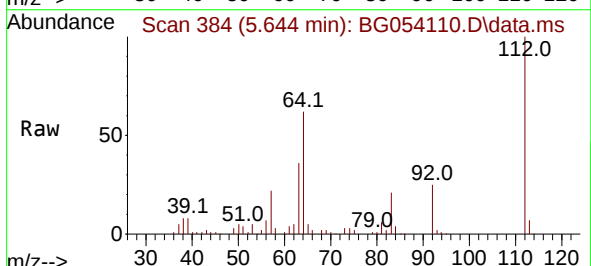
Tgt Ion:152 Resp: 36348
Ion Ratio Lower Upper
152 100
150 137.9 131.6 197.4
115 54.6 50.9 76.3

Manual Integrations
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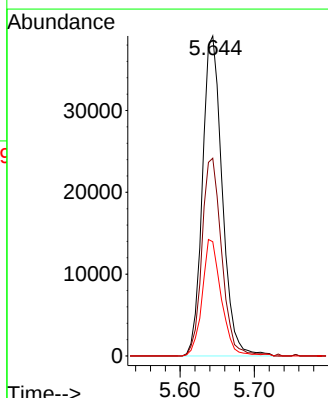
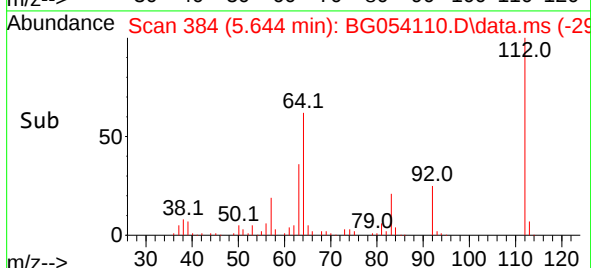
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#5
2-Fluorophenol
Concen: 38.248 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59



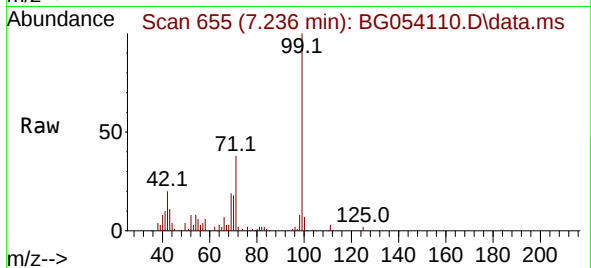
Tgt Ion:112 Resp: 72715
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 35.7 30.4 45.6





#7
Phenol-d6
Concen: 37.788 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

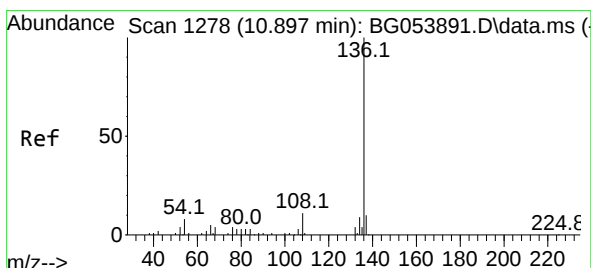
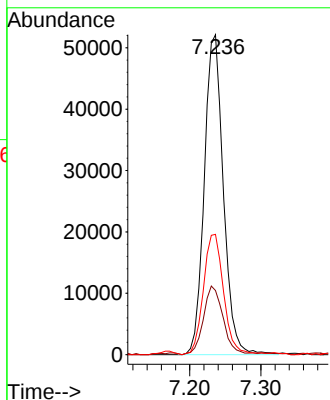
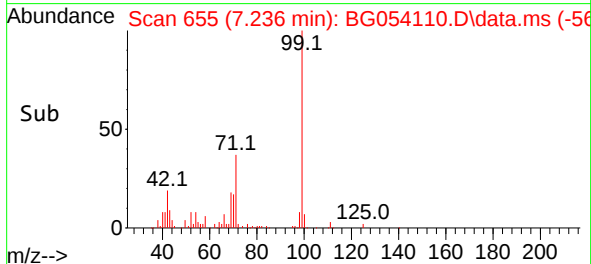
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3



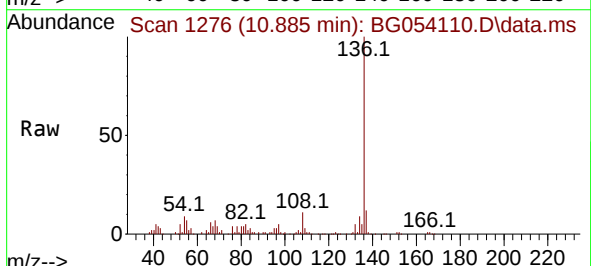
Tgt Ion: 99 Resp: 9745
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 37.6 33.8 50.8

Manual Integrations
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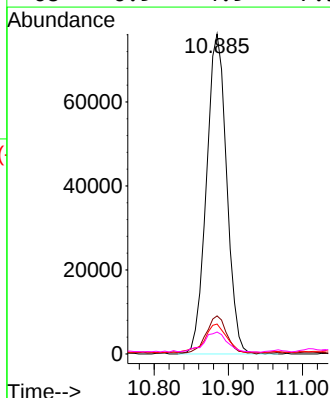
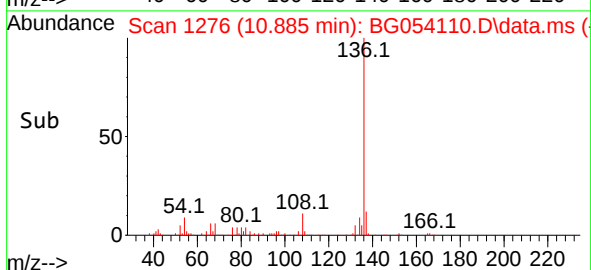
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

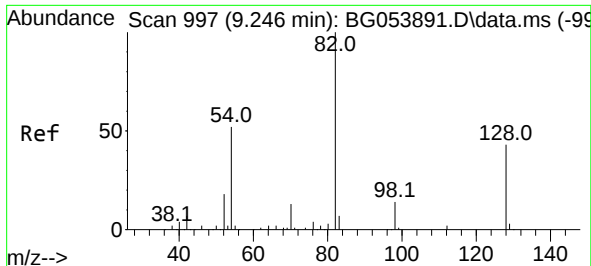


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59



Tgt Ion:136 Resp: 144199
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 9.4 7.4 11.2
68 6.9 4.9 7.3





#23
Nitrobenzene-d5
Concen: 26.196 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Instrument :

BNA_G

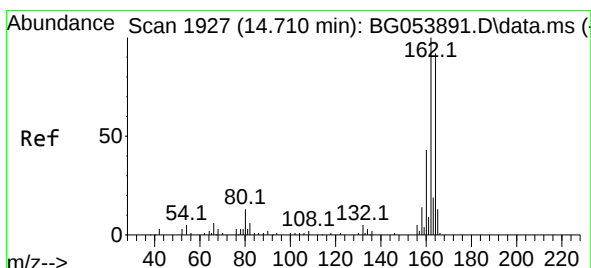
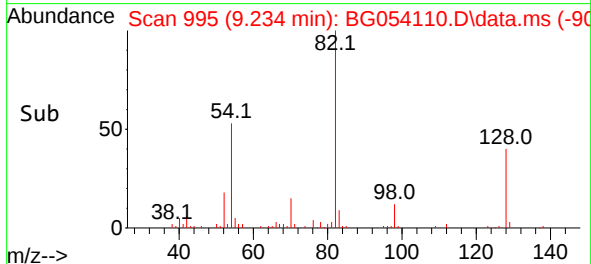
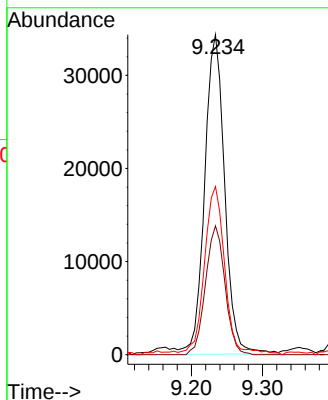
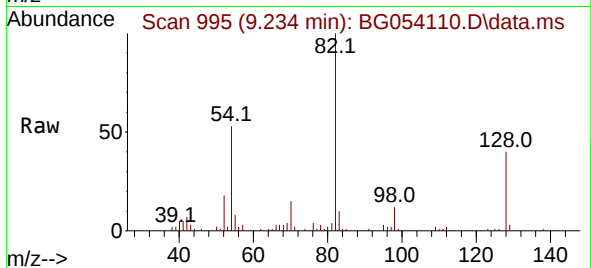
ClientSampleId :

SP-EXC-3

Tgt Ion: 82 Resp: 67219
Ion Ratio Lower Upper
82 100
128 40.2 27.9 41.9
54 52.5 41.2 61.8

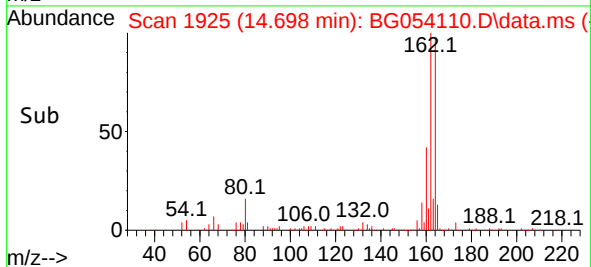
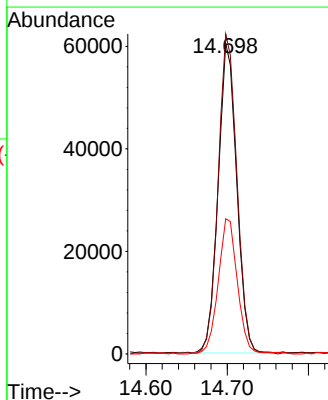
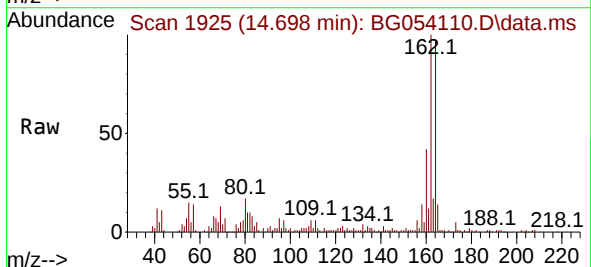
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Supervised By :Jagrut Upadhyay 06/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Tgt Ion:164 Resp: 96312
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 43.5 34.2 51.2





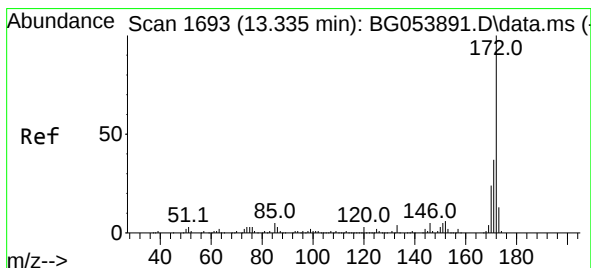
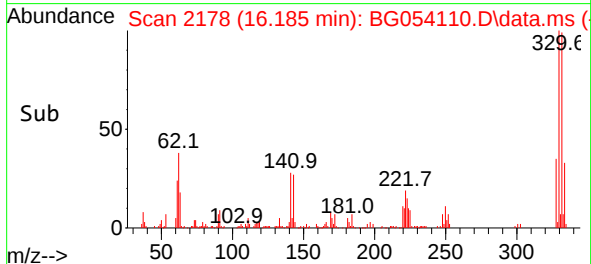
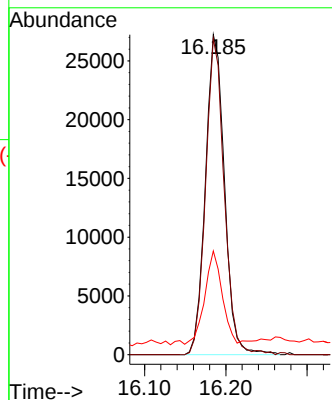
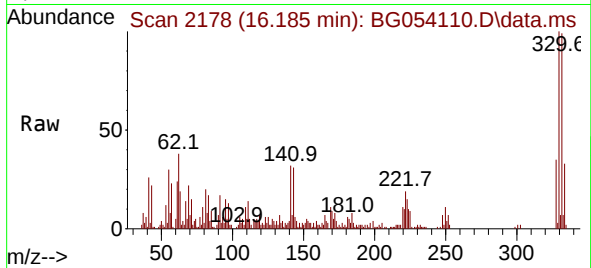
#42
2,4,6-Tribromophenol
Concen: 28.637 ng
RT: 16.185 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

Tgt Ion:330 Resp: 44314
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 27.0 27.1 40.7

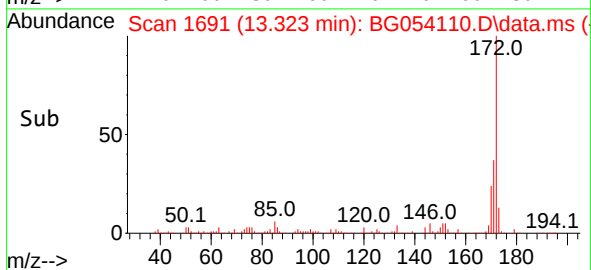
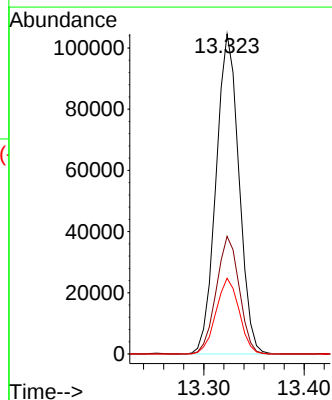
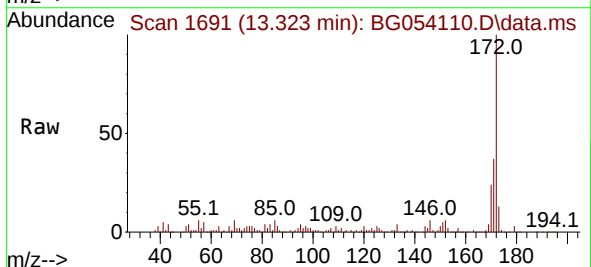
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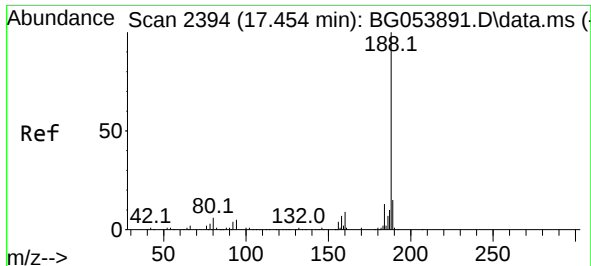
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#45
2-Fluorobiphenyl
Concen: 25.024 ng
RT: 13.323 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

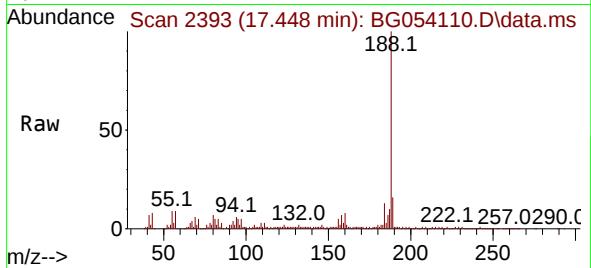
Tgt Ion:172 Resp: 165742
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

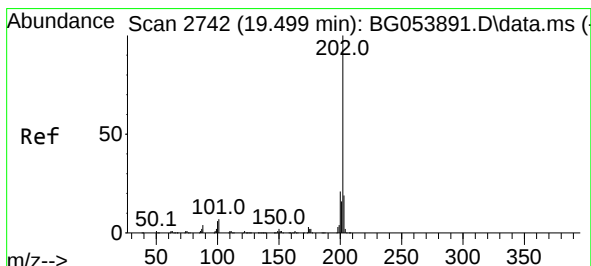
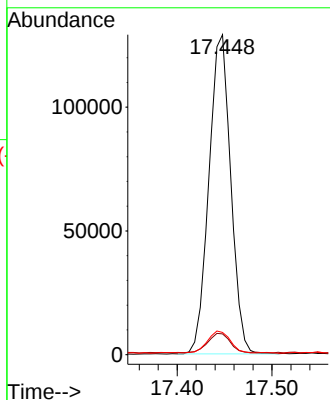
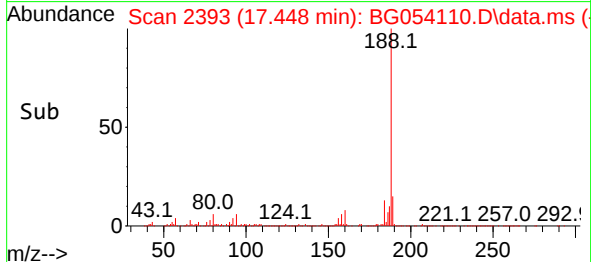
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 20654
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.9 6.8 10.2

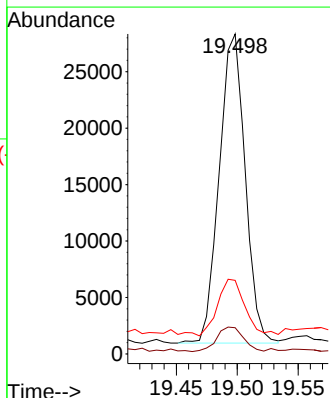
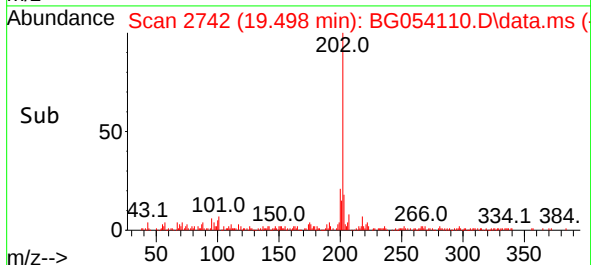
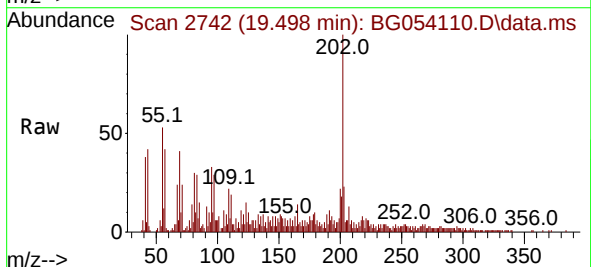
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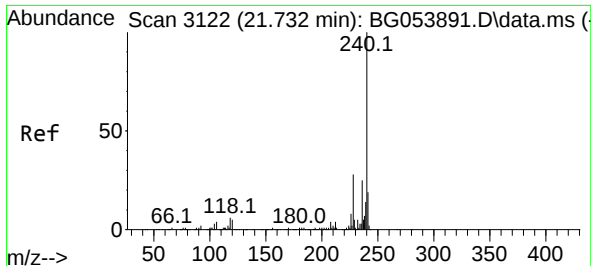
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#75
Fluoranthene
Concen: 2.914 ng
RT: 19.498 min Scan# 2742
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Tgt Ion:202 Resp: 40594
Ion Ratio Lower Upper
202 100
101 8.2 0.0 26.9
203 23.0 0.0 37.2





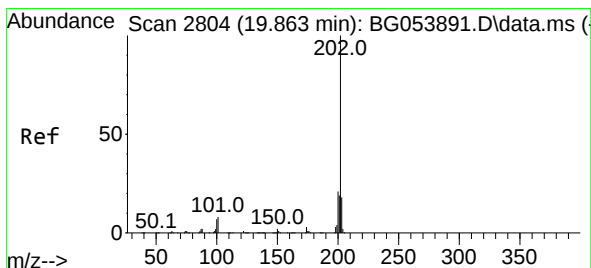
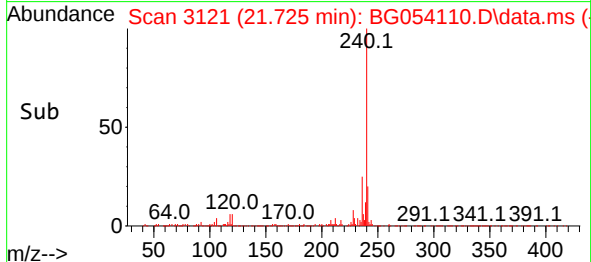
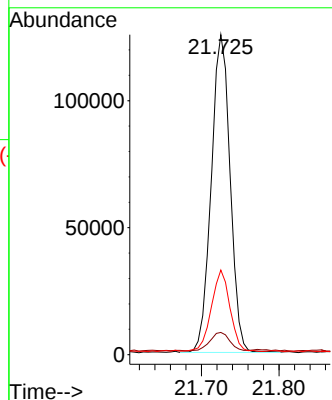
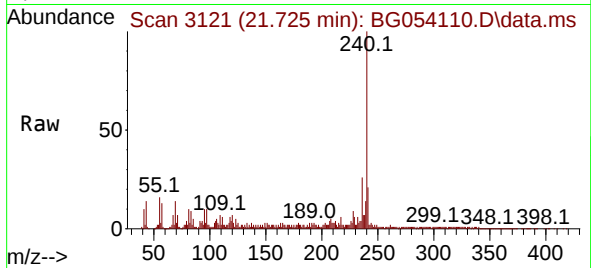
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Instrument :
BNA_G
ClientSampleId :
SP-EXC-3

Tgt Ion:240 Resp: 21216
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 26.4 20.2 30.4

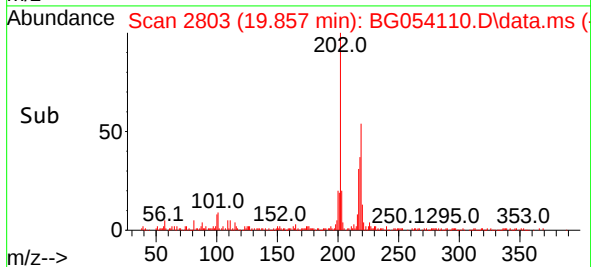
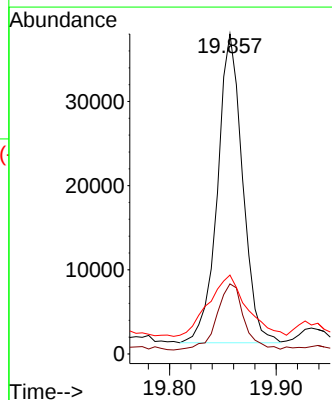
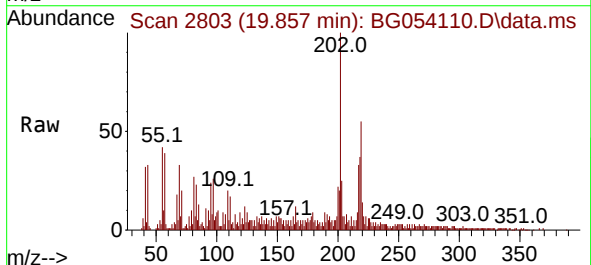
Manual Integrations
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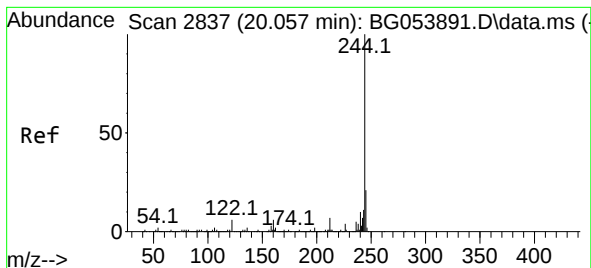
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#78
Pyrene
Concen: 4.683 ng
RT: 19.857 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BG054110.D
Acq: 28 Jun 2022 2:59

Tgt Ion:202 Resp: 60005
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 24.7 14.6 21.8#





#79

Terphenyl-d14

Concen: 25.772 ng

RT: 20.051 min Scan# 2837

Delta R.T. 0.006 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Instrument :

BNA_G

ClientSampleId :

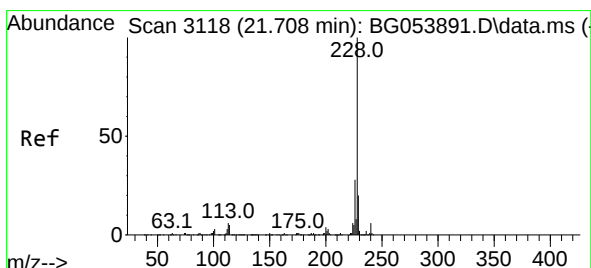
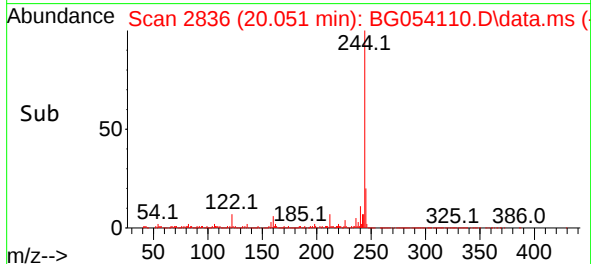
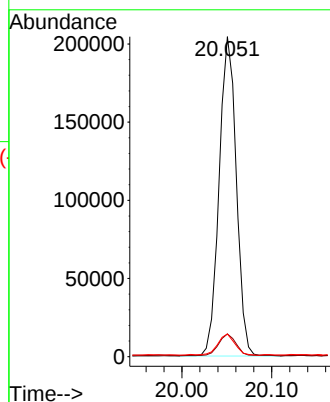
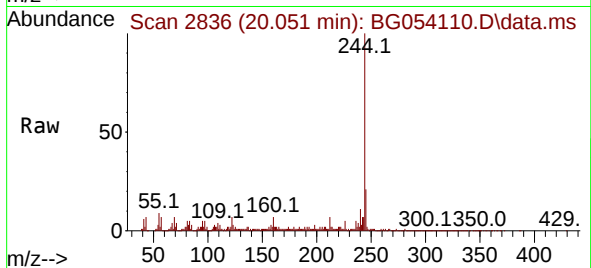
SP-EXC-3

Tgt Ion:	244	Resp:	271478
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.5	9.7
122	7.1	5.0	7.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022
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#81

Benzo(a)anthracene

Concen: 4.236 ng

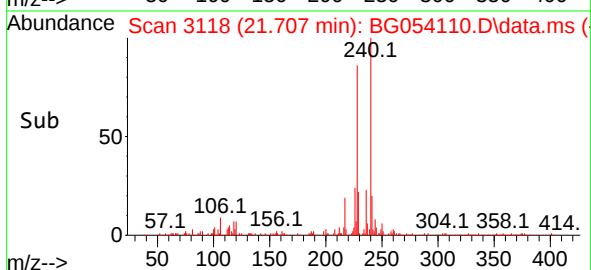
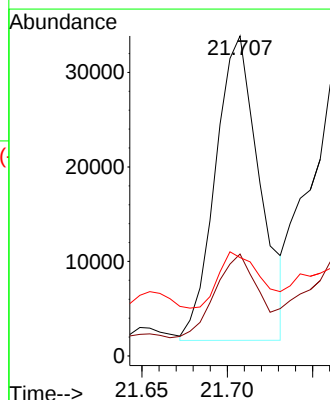
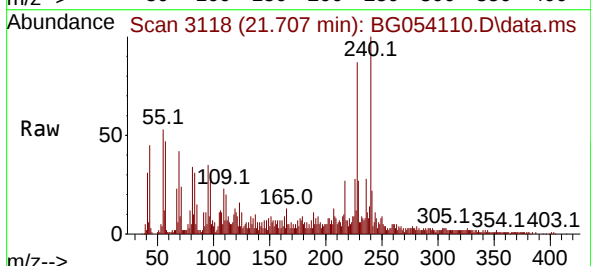
RT: 21.707 min Scan# 3118

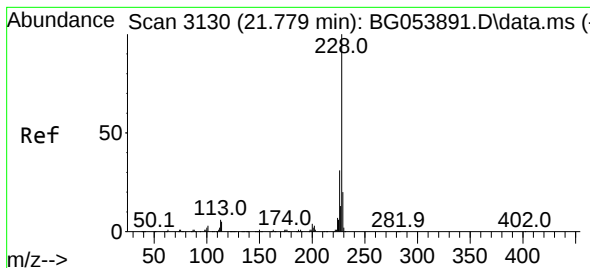
Delta R.T. 0.012 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Tgt Ion:	228	Resp:	58192
Ion Ratio	Lower	Upper	
228	100		
226	31.9	21.6	32.4
229	30.8	16.2	24.2





#83

Chrysene

Concen: 6.375 ng

RT: 21.772 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3

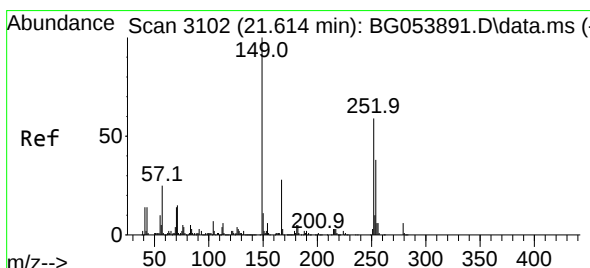
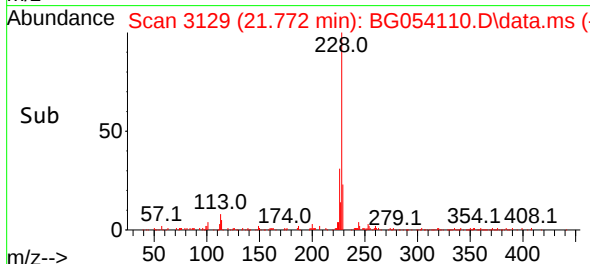
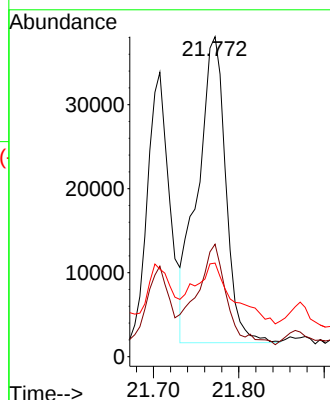
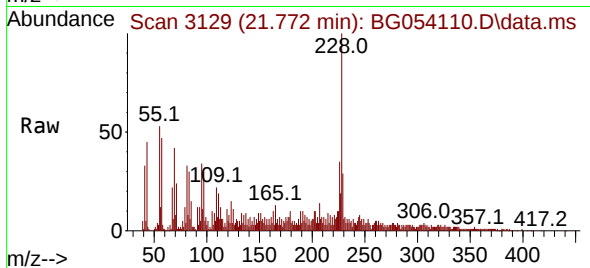
Tgt Ion:	228	Resp:	8347
Ion Ratio	Lower	Upper	
228	100		
226	35.1	23.4	35.2
229	29.3	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.062 ng

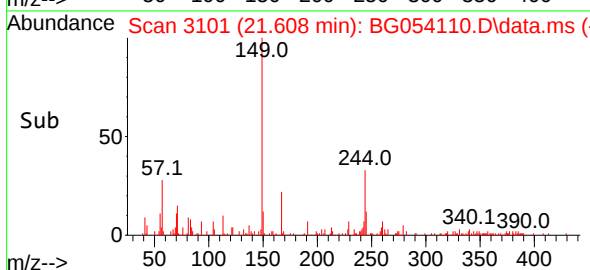
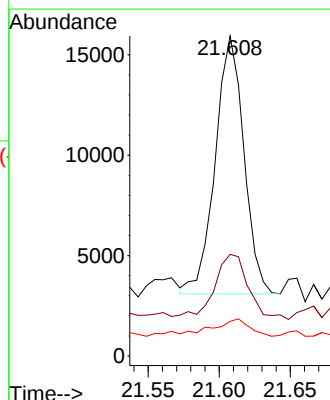
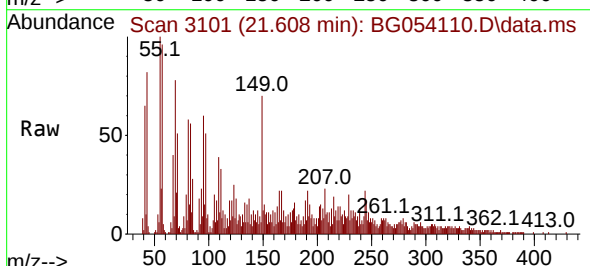
RT: 21.608 min Scan# 3101

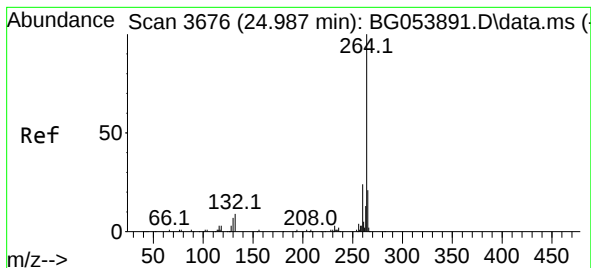
Delta R.T. 0.006 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Tgt Ion:	149	Resp:	17985
Ion Ratio	Lower	Upper	
149	100		
167	31.8	20.2	30.4#
279	10.8	3.6	5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 30

Delta R.T. 0.041 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Instrument :

BNA_G

ClientSampleId :

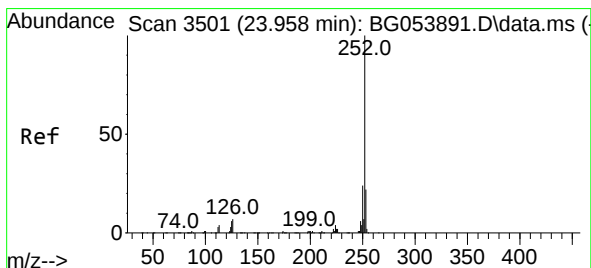
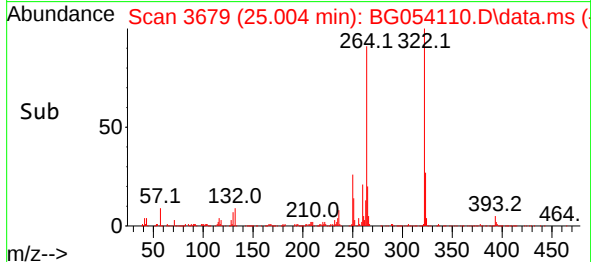
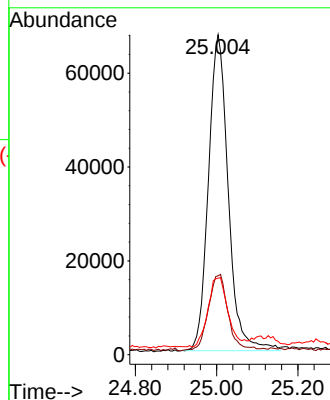
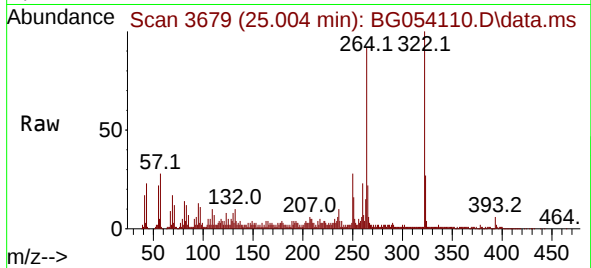
SP-EXC-3

Tgt Ion:	264	Resp:	22739
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.0	28.6
265	23.9	17.4	26.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#88

Benzo(b)fluoranthene

Concen: 4.709 ng m

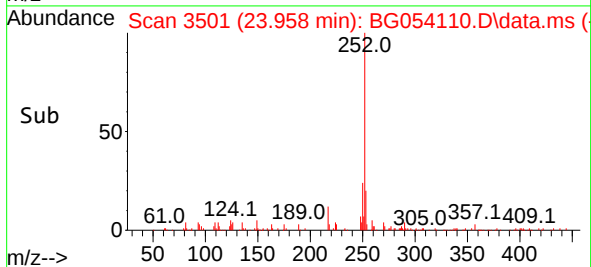
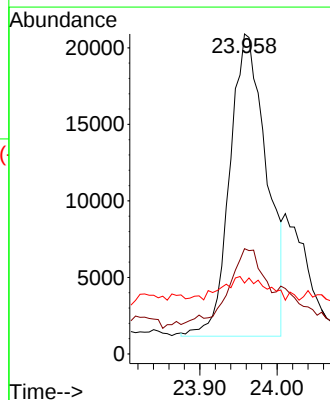
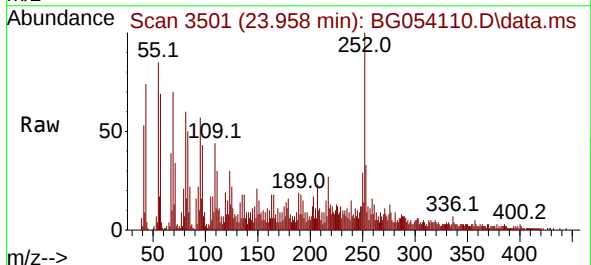
RT: 23.958 min Scan# 3501

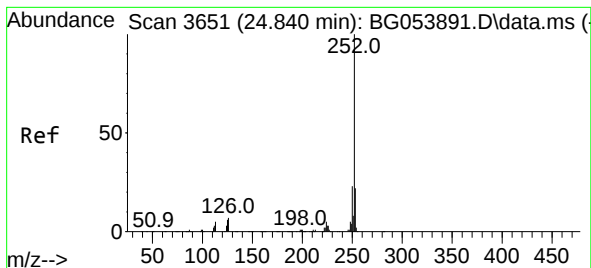
Delta R.T. 0.024 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Tgt Ion:	252	Resp:	65113
Ion Ratio	Lower	Upper	
252	100		
253	32.9	18.0	27.0#
125	22.2	4.6	6.8#





#90

Benzo(a)pyrene

Concen: 5.114 ng

RT: 24.845 min Scan# 30

Delta R.T. 0.030 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3

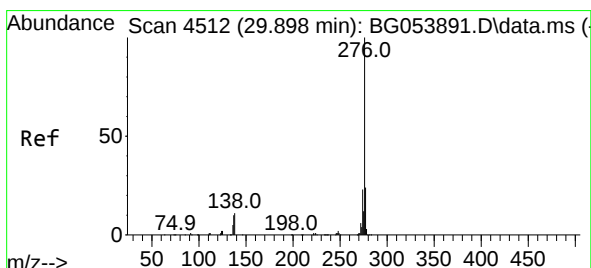
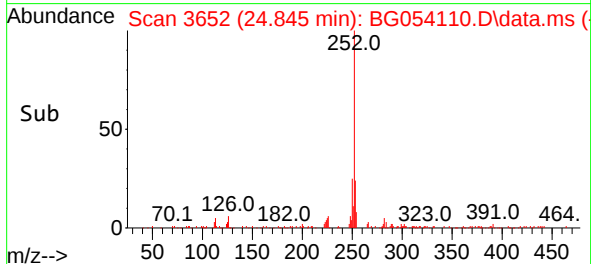
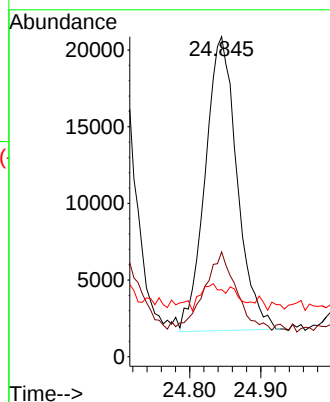
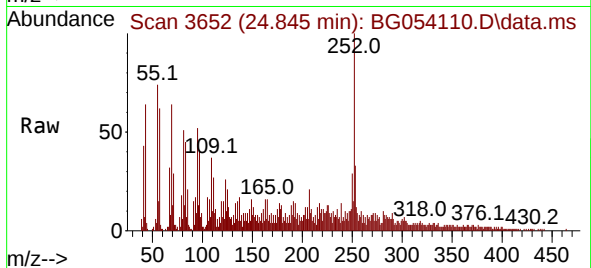
Tgt Ion:	252	Resp:	5966
Ion Ratio	Lower	Upper	
252	100		
253	32.8	17.8	26.8
125	20.9	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#92

Benzo(g,h,i)perylene

Concen: 3.440 ng

RT: 29.921 min Scan# 4516

Delta R.T. 0.059 min

Lab File: BG054110.D

Acq: 28 Jun 2022 2:59

Tgt Ion:	276	Resp:	48180
Ion Ratio	Lower	Upper	
276	100		
277	35.9	17.3	25.9
138	18.5	9.6	14.4

