

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054390.D
 Acq On : 25 Jul 2022 22:16
 Operator : CG/JU
 Sample : N3814-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-4(5-10)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:56:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	23872	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	86828	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	62791	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	148032	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	161939	20.000	ng	# 0.00
86) Perylene-d12	24.850	264	140434	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	73622	64.391	ng	0.00
7) Phenol-d6	7.177	99	97399	62.169	ng	0.00
23) Nitrobenzene-d5	9.157	82	64292	40.323	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	81449	61.780	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	196085	44.053	ng	-0.01
79) Terphenyl-d14	19.979	244	365087	44.724	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.412	178	124599	16.902	ng	98
72) Anthracene	17.506	178	28639	3.959	ng	99
75) Fluoranthene	19.427	202	242175	24.099	ng	95
78) Pyrene	19.785	202	204011	21.956	ng	99
80) Butylbenzylphthalate	20.667	149	6947	2.399	ng	# 83
81) Benzo(a)anthracene	21.619	228	140136	13.632	ng	99
83) Chrysene	21.683	228	121896	12.551	ng	95
84) Bis(2-ethylhexyl)phtha...	21.519	149	40974	10.000	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.516	276	47040	4.403	ng	# 90
88) Benzo(b)fluoranthene	23.834	252	147395	17.748	ng	# 92
89) Benzo(k)fluoranthene	23.887	252	62127m	7.517	ng	
90) Benzo(a)pyrene	24.697	252	97473	13.743	ng	94
92) Benzo(g,h,i)perylene	29.674	276	38382	4.427	ng	# 87

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

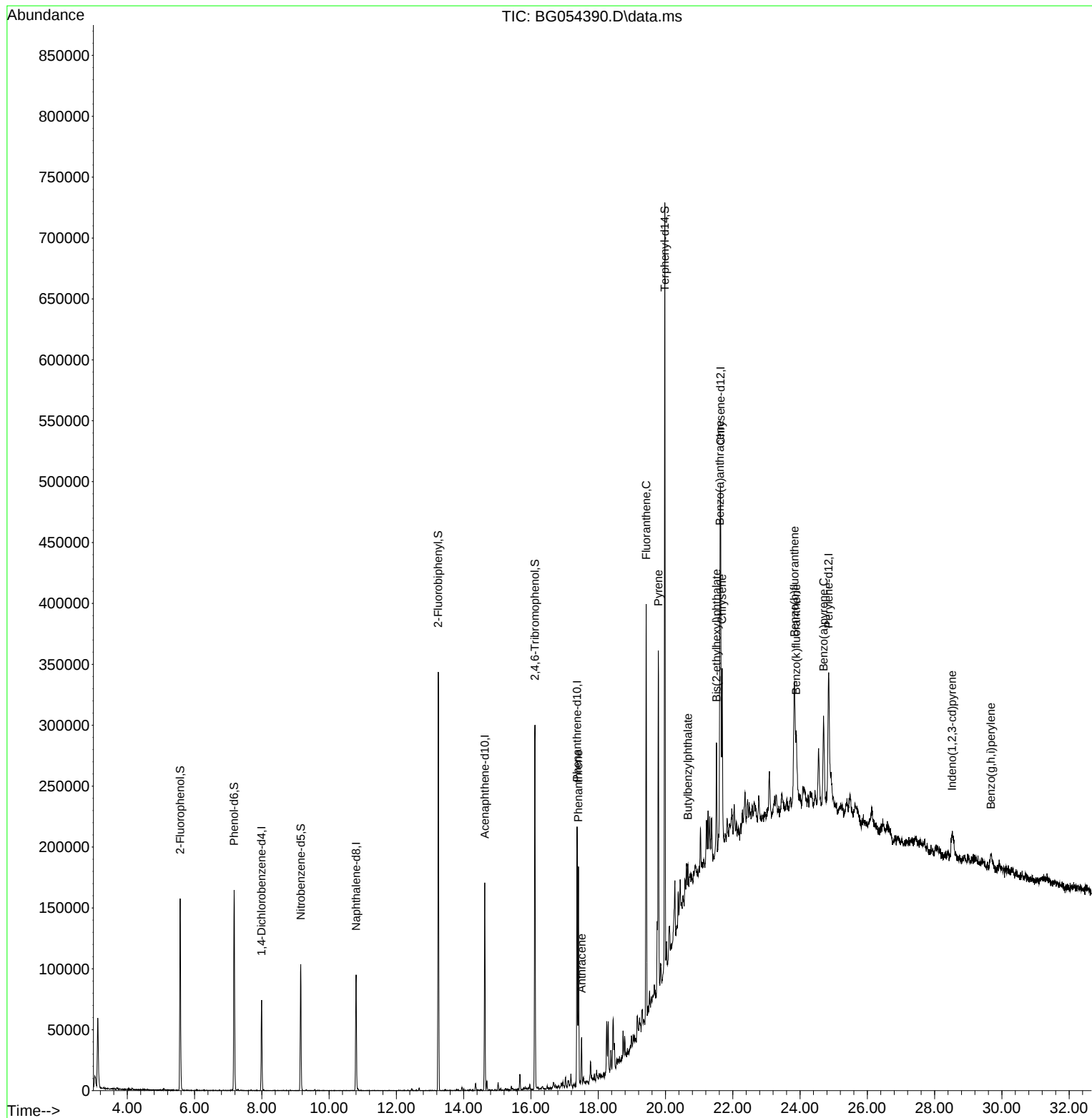
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
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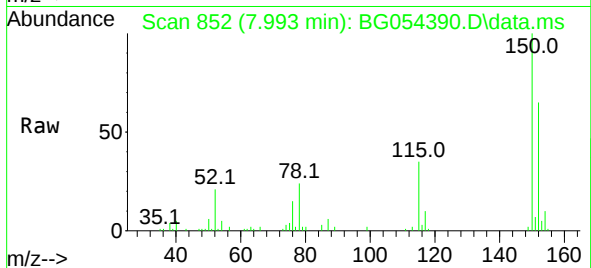
Reviewed By : Christian Giraldo 07/26/2022
Supervised By : Jagrut Upadhyay 07/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

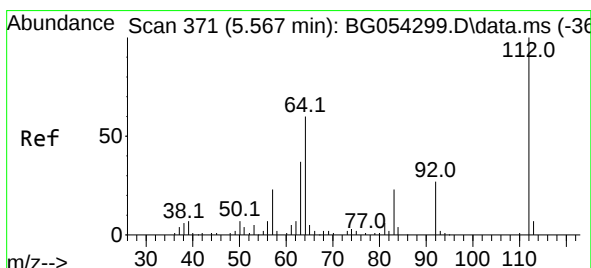
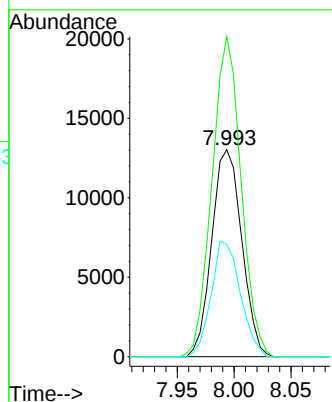
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



Tgt Ion:152 Resp: 23872
Ion Ratio Lower Upper
152 100
150 154.6 131.6 197.4
115 54.3 50.9 76.3

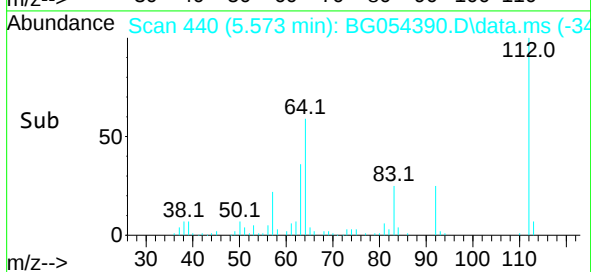
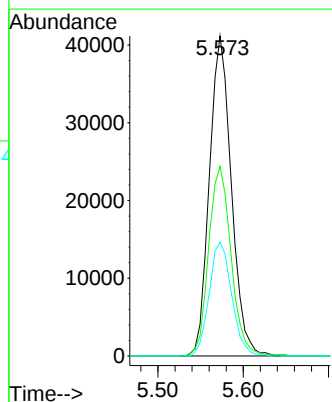
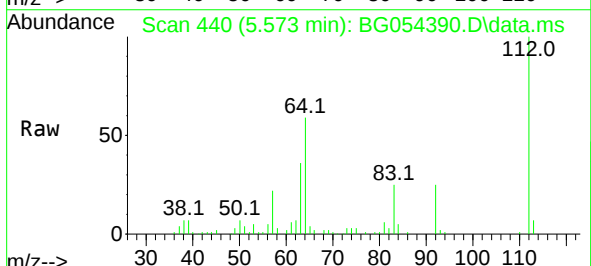
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#5
2-Fluorophenol
Concen: 64.391 ng
RT: 5.573 min Scan# 440
Delta R.T. 0.005 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

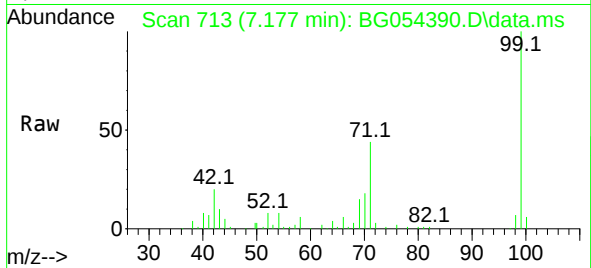
Tgt Ion:112 Resp: 73622
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 62.169 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

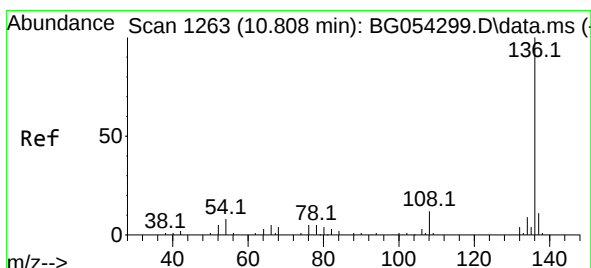
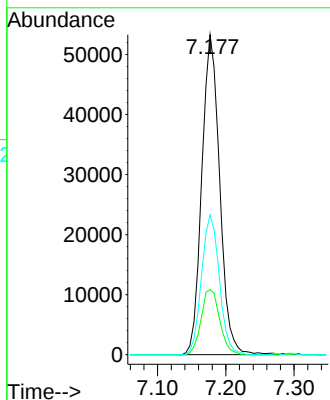
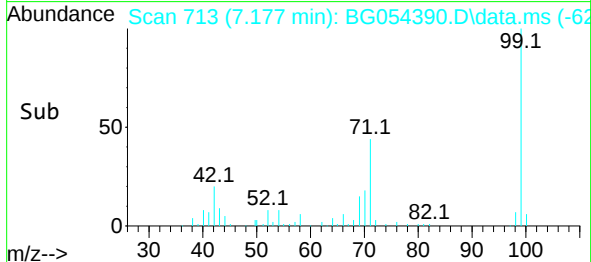
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



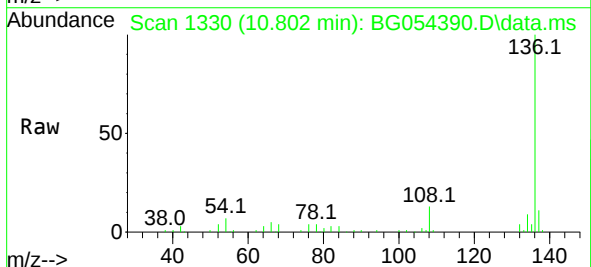
Tgt Ion: 99 Resp: 97399
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 43.7 33.8 50.8

Manual Integrations
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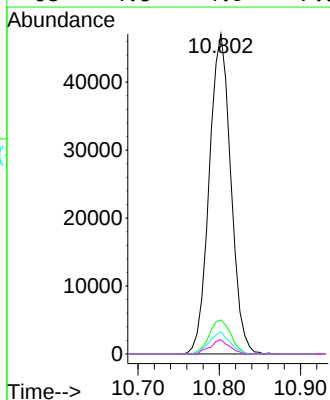
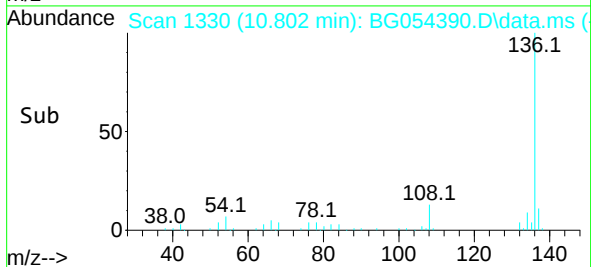
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Supervised By :Jagrut Upadhyay 07/26/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16



Tgt Ion:136 Resp: 86828
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.0 7.4 11.2#
68 4.5 4.9 7.3#





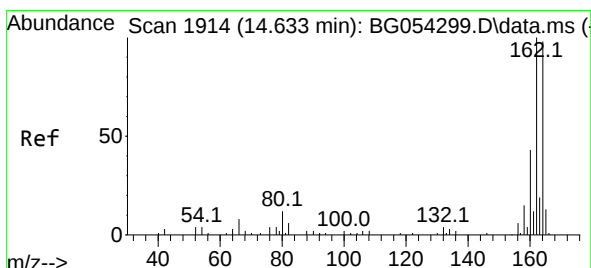
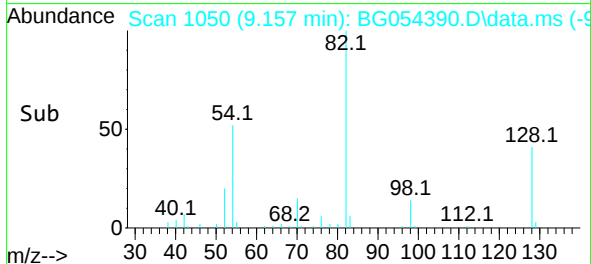
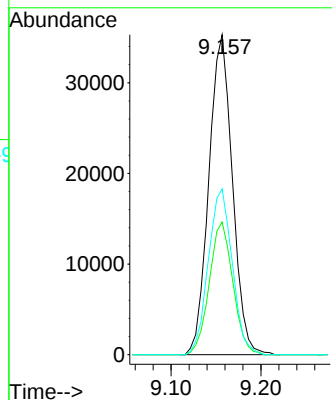
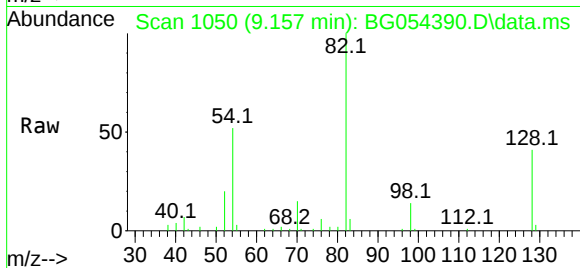
#23
Nitrobenzene-d5
Concen: 40.323 ng
RT: 9.157 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Tgt Ion: 82 Resp: 64292
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 51.9 41.2 61.8

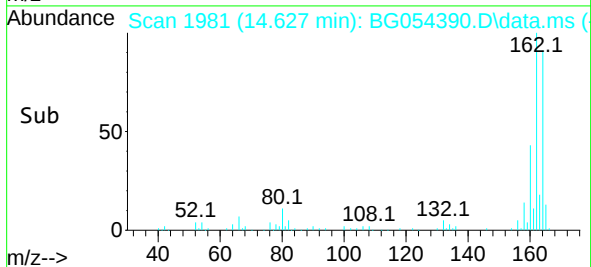
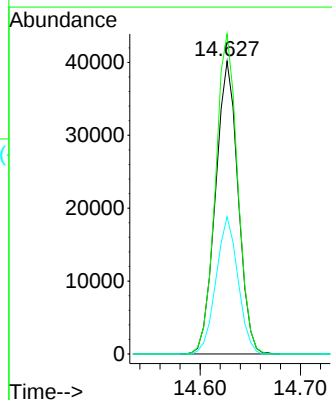
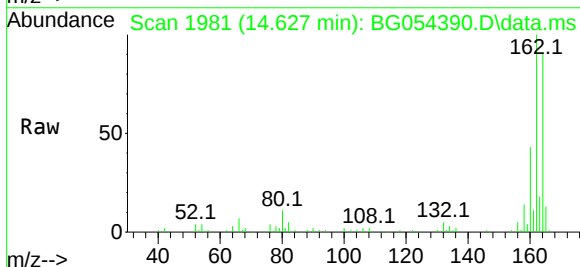
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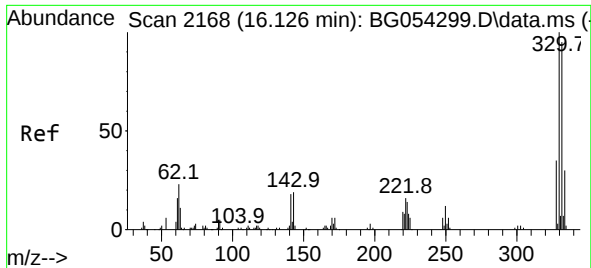
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

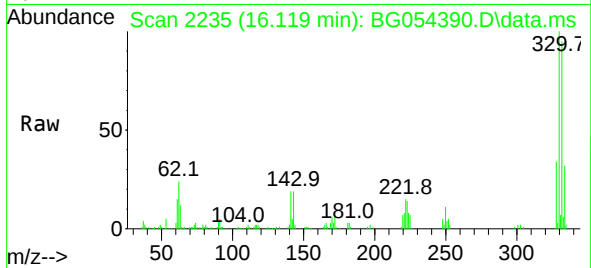
Tgt Ion:164 Resp: 62791
Ion Ratio Lower Upper
164 100
162 109.3 82.3 123.5
160 46.9 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 61.780 ng
RT: 16.119 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

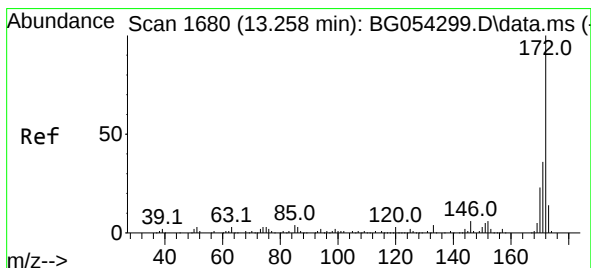
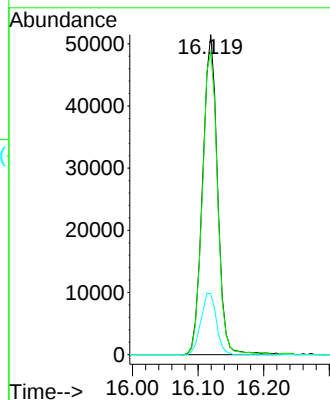
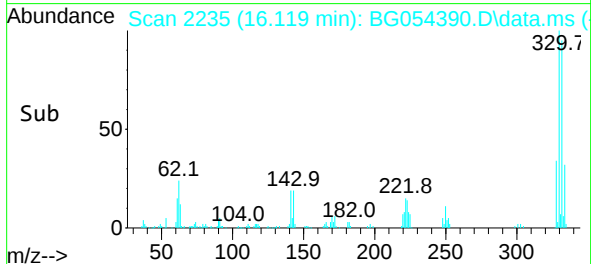
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



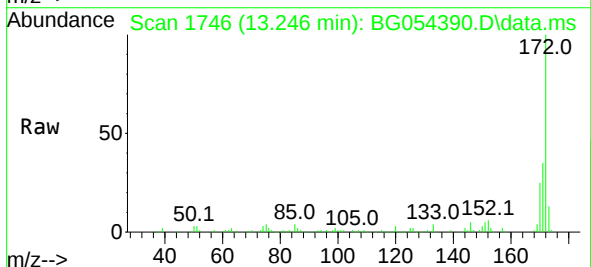
Tgt Ion:330 Resp: 81449
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 19.9 27.1 40.7

Manual Integrations
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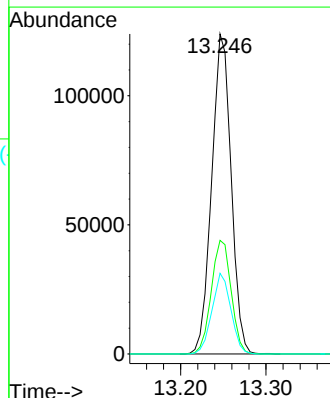
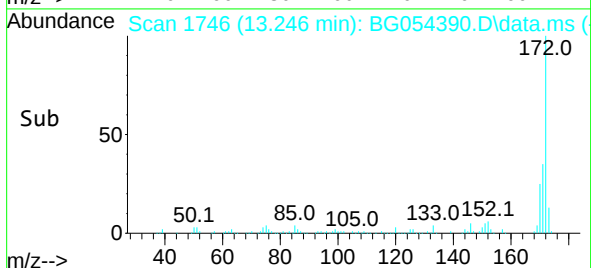
Reviewed By :Christian Giraldo 07/26/2022
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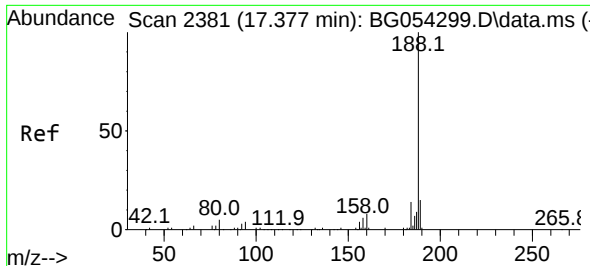


#45
2-Fluorobiphenyl
Concen: 44.053 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16



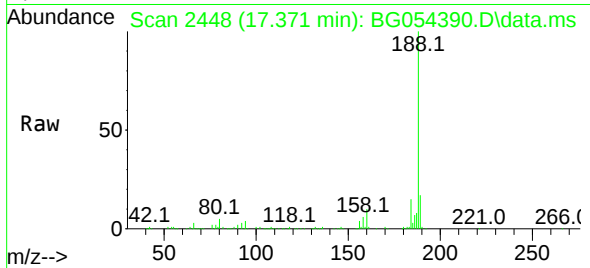
Tgt Ion:172 Resp: 196085
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 25.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

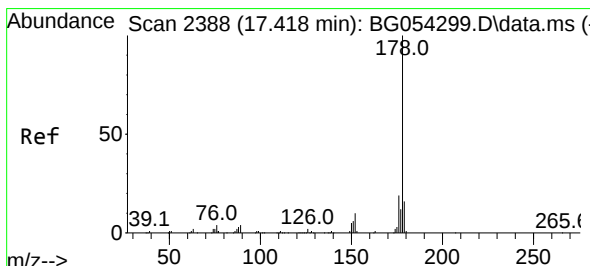
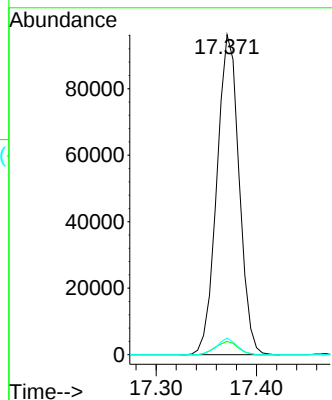
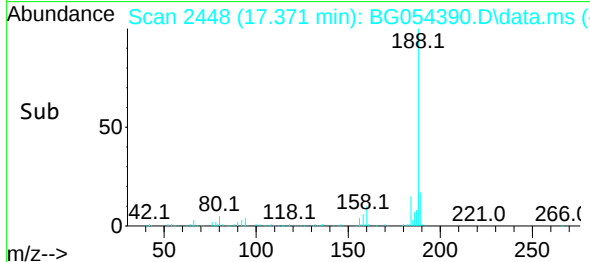
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



Tgt Ion:188 Resp: 148032
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 5.2 6.8 10.2

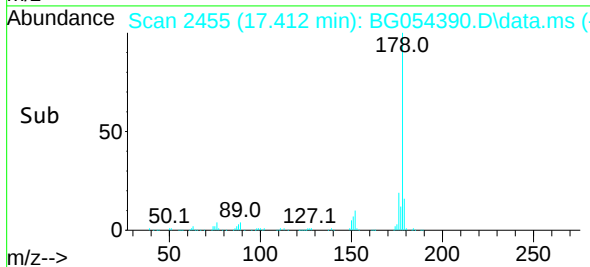
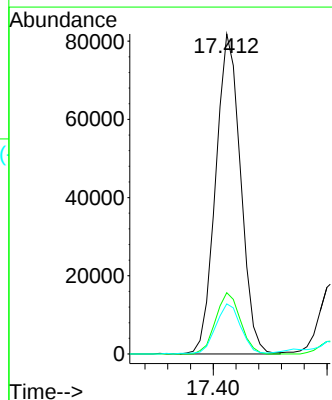
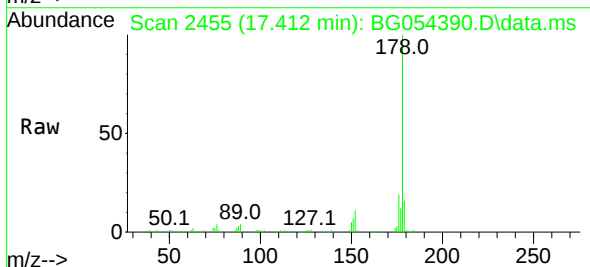
Manual Integrations
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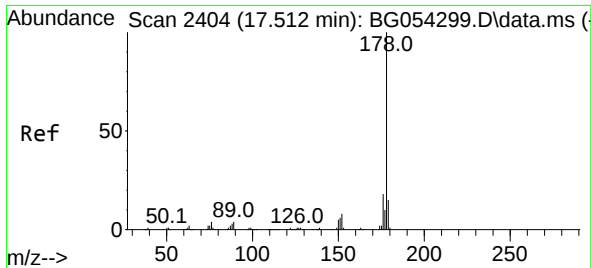
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#71
Phenanthrene
Concen: 16.902 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

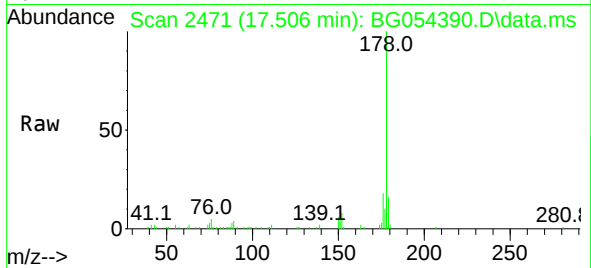
Tgt Ion:178 Resp: 124599
Ion Ratio Lower Upper
178 100
176 19.1 14.1 21.1
179 15.6 12.1 18.1





#72
 Anthracene
 Concen: 3.959 ng
 RT: 17.506 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

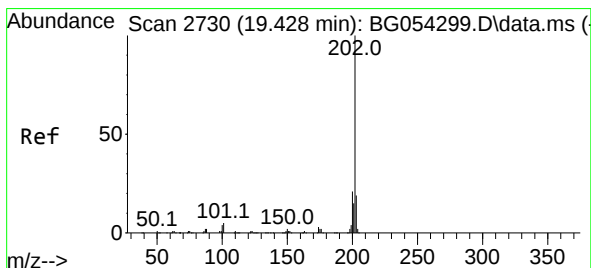
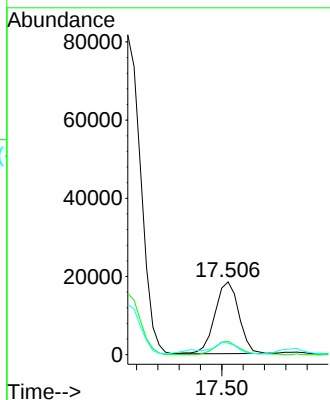
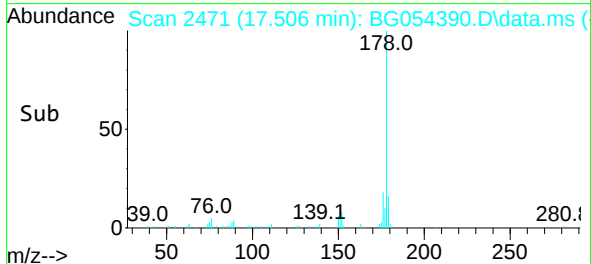
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-4(5-10)



Tgt Ion:178 Resp: 28639
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.2 22.8
 179 15.9 13.0 19.4

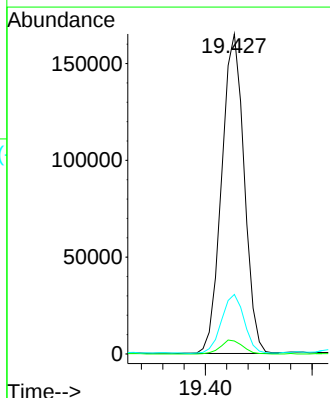
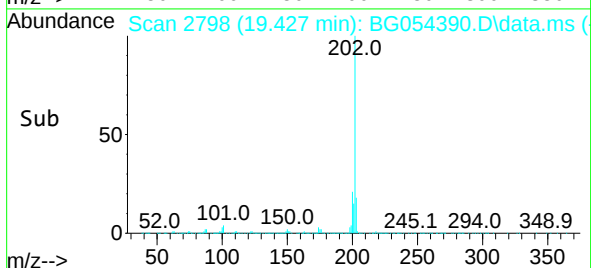
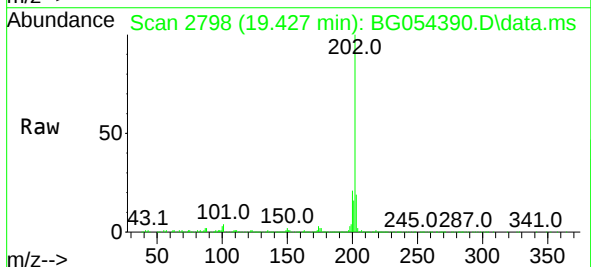
Manual Integrations
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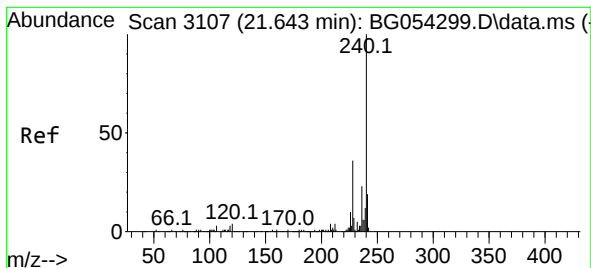
Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022



#75
 Fluoranthene
 Concen: 24.099 ng
 RT: 19.427 min Scan# 2798
 Delta R.T. -0.001 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

Tgt Ion:202 Resp: 242175
 Ion Ratio Lower Upper
 202 100
 101 4.1 0.0 26.9
 203 18.6 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3107

Delta R.T. -0.007 min

Lab File: BG054390.D

Acq: 25 Jul 2022 22:16

Instrument :

BNA_G

ClientSampleId :

ENV-DE-4(5-10)

Tgt Ion:240 Resp: 161939

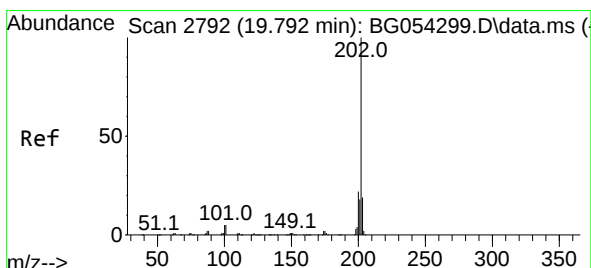
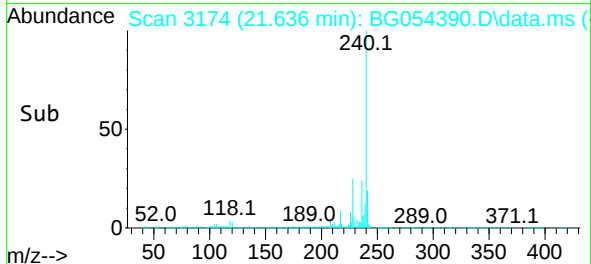
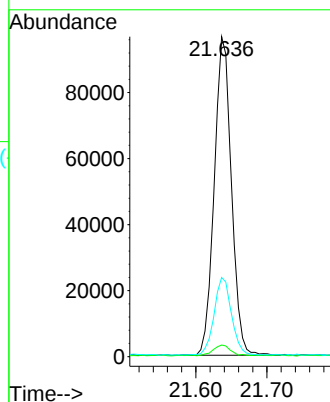
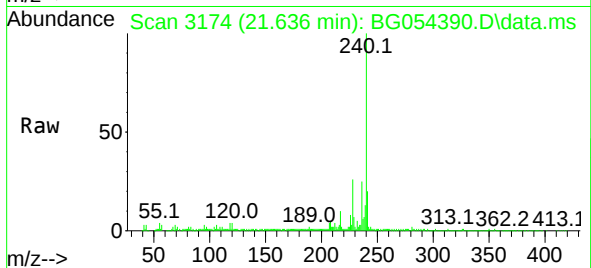
Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0
236	24.7	20.2	30.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/26/2022



#78

Pyrene

Concen: 21.956 ng

RT: 19.785 min Scan# 2859

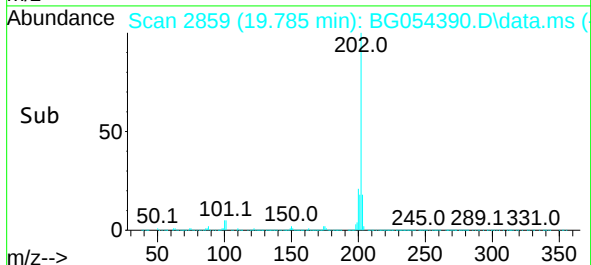
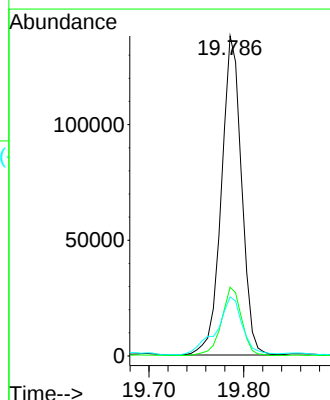
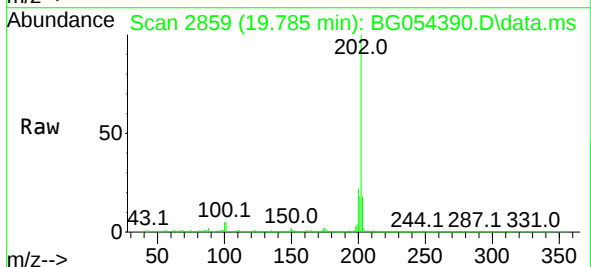
Delta R.T. -0.006 min

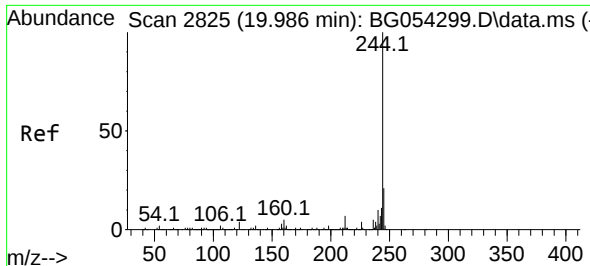
Lab File: BG054390.D

Acq: 25 Jul 2022 22:16

Tgt Ion:202 Resp: 204011

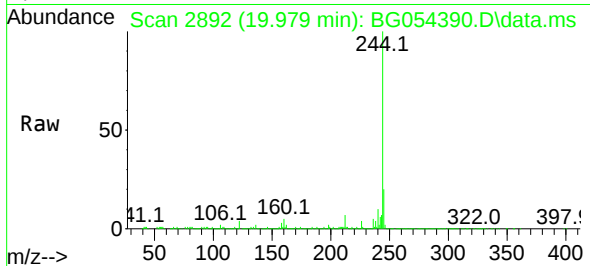
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.5	14.6	21.8





#79
 Terphenyl-d14
 Concen: 44.724 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

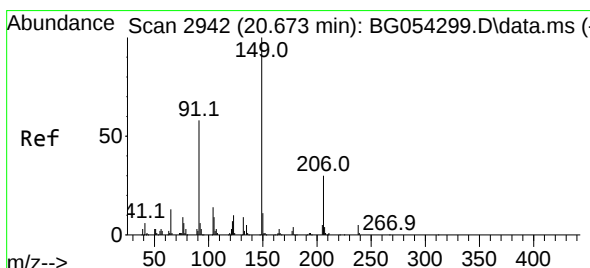
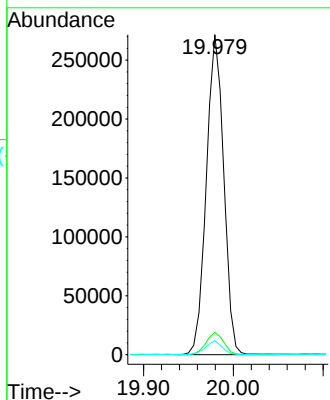
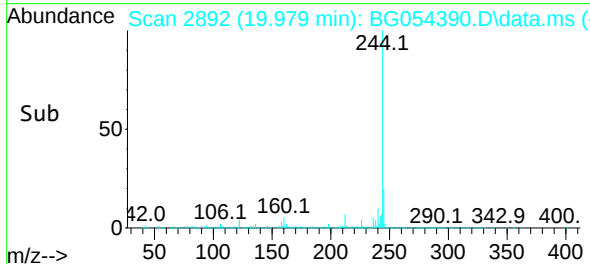
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-4(5-10)



Tgt Ion:244 Resp: 36508
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4

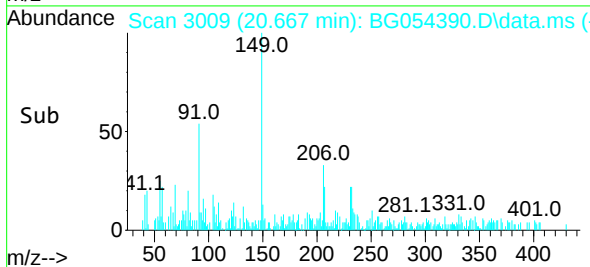
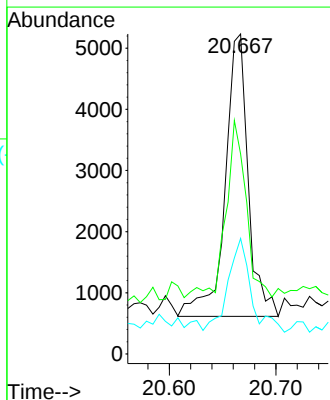
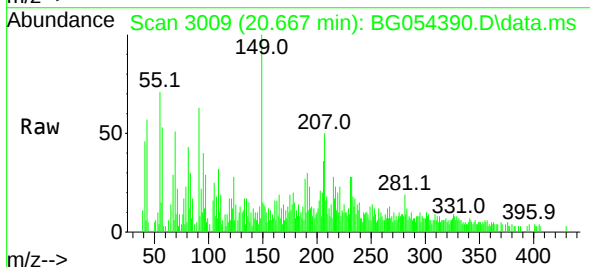
Manual Integrations
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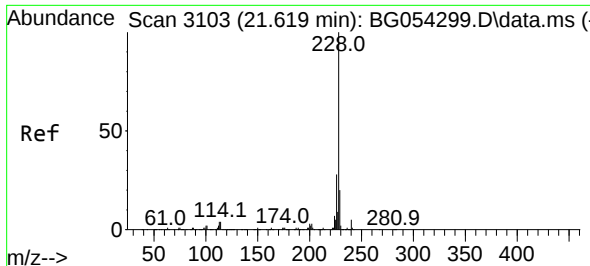
Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022



#80
 Butylbenzylphthalate
 Concen: 2.399 ng
 RT: 20.667 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

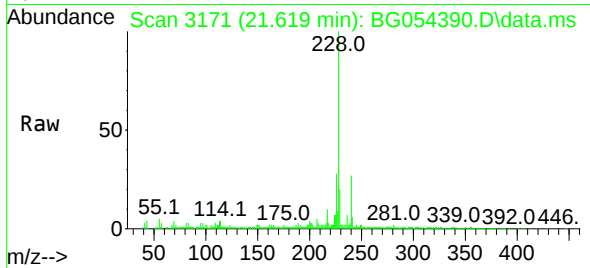
Tgt Ion:149 Resp: 6947
 Ion Ratio Lower Upper
 149 100
 91 62.5 59.6 89.4
 206 36.1 18.6 28.0





#81
Benzo(a)anthracene
Concen: 13.632 ng
RT: 21.619 min Scan# 3103
Delta R.T. -0.001 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

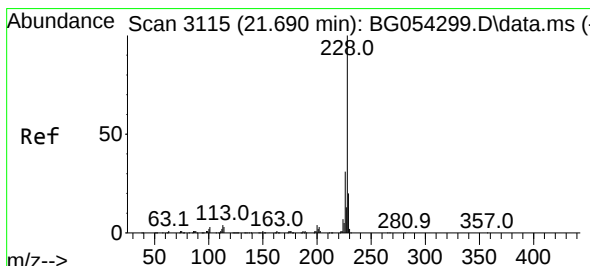
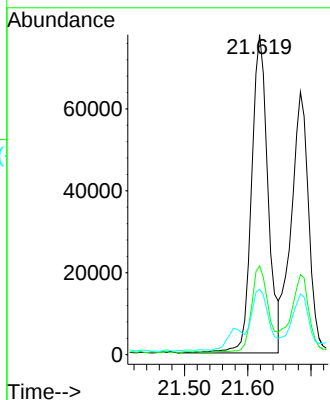
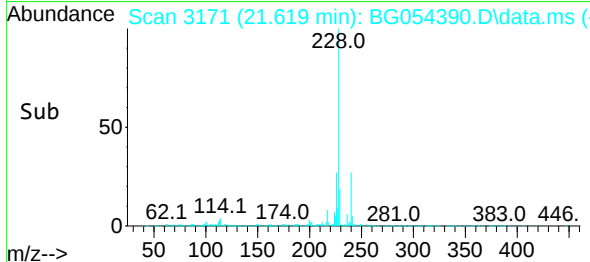
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



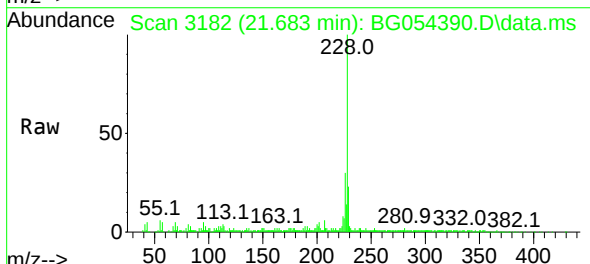
Tgt Ion:228 Resp: 140130
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.5 16.2 24.2

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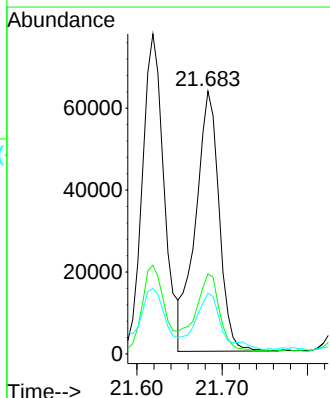
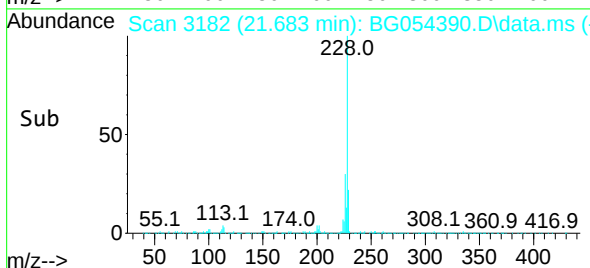
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

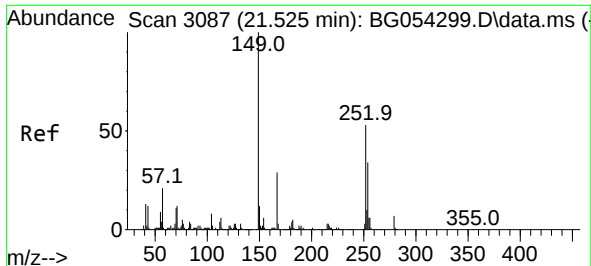


#83
Chrysene
Concen: 12.551 ng
RT: 21.683 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16



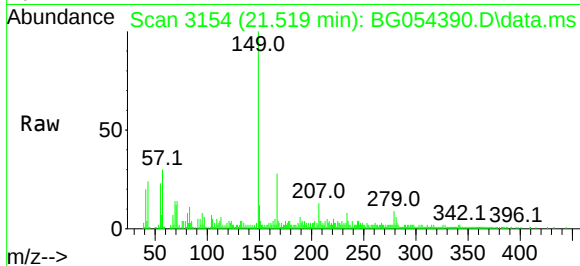
Tgt Ion:228 Resp: 121896
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 23.1 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 10.000 ng
RT: 21.519 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

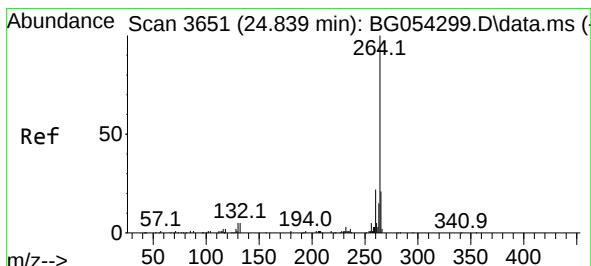
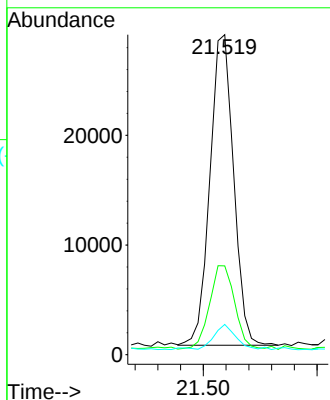
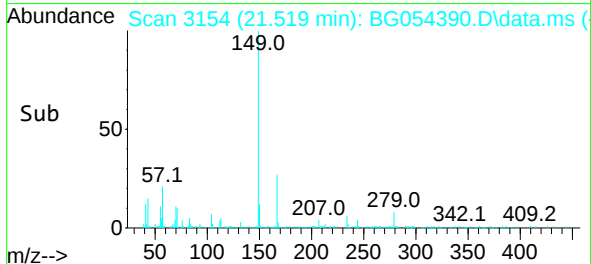
Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)



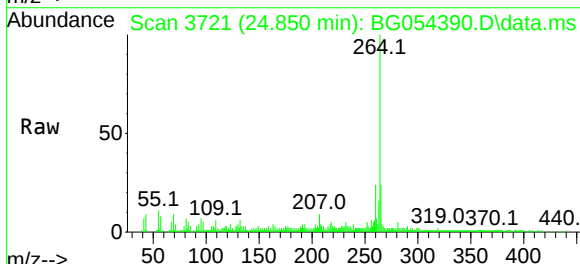
Tgt Ion:149 Resp: 40974
Ion Ratio Lower Upper
149 100
167 27.7 20.2 30.4
279 9.5 3.6 5.4

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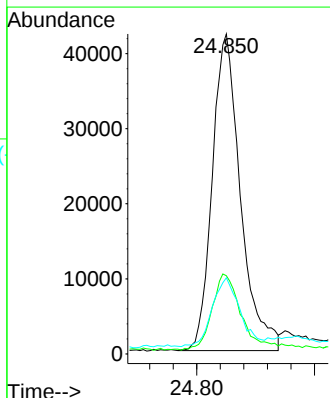
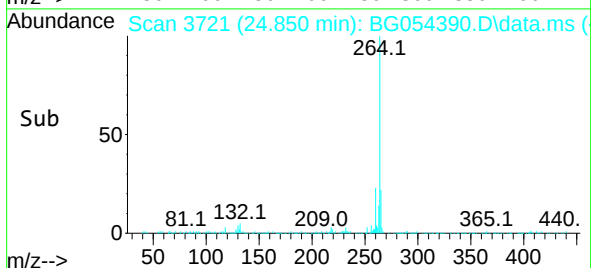
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

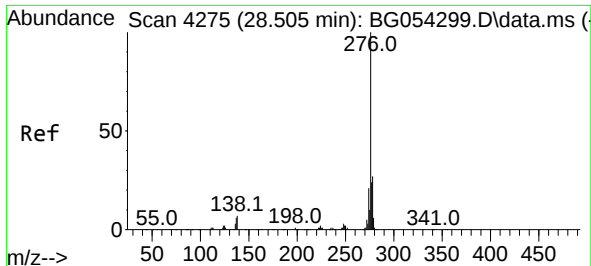


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.850 min Scan# 3721
Delta R.T. 0.011 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16



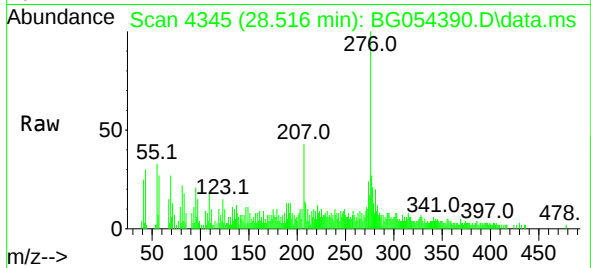
Tgt Ion:264 Resp: 140434
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 23.8 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.403 ng
 RT: 28.516 min Scan# 41
 Delta R.T. 0.011 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

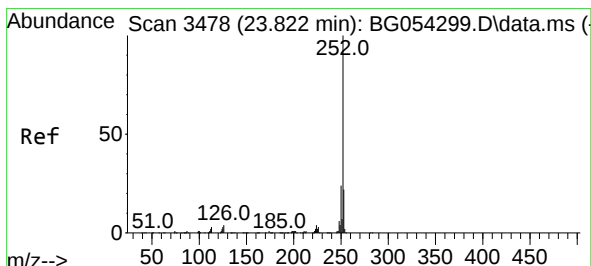
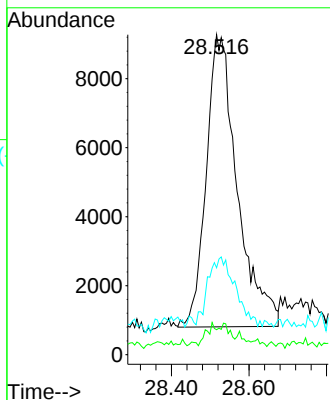
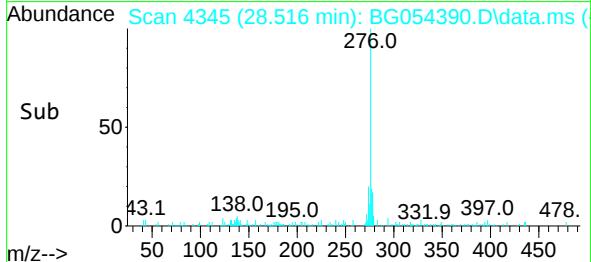
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-4(5-10)



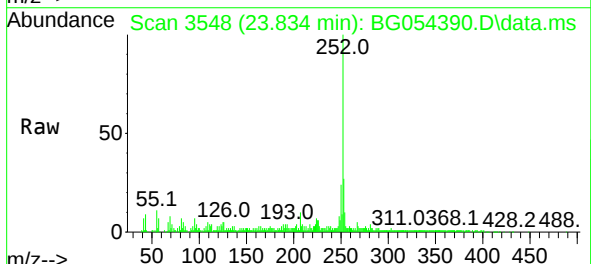
Tgt Ion:276 Resp: 47040
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4
 277 21.2 20.3 30.5

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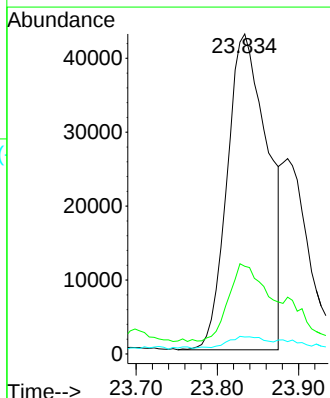
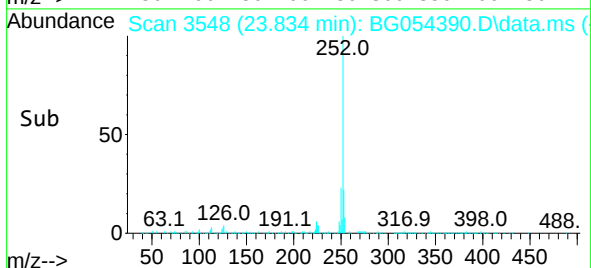
Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022

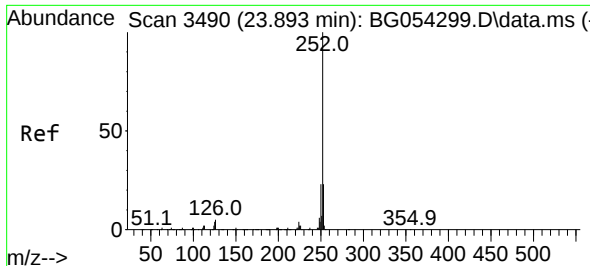


#88
 Benzo(b)fluoranthene
 Concen: 17.748 ng
 RT: 23.834 min Scan# 3548
 Delta R.T. 0.011 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16



Tgt Ion:252 Resp: 147395
 Ion Ratio Lower Upper
 252 100
 253 27.4 18.0 27.0#
 125 5.3 4.6 6.8





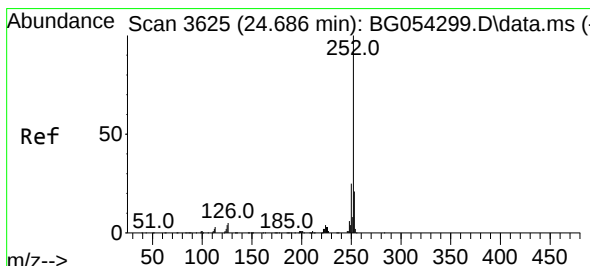
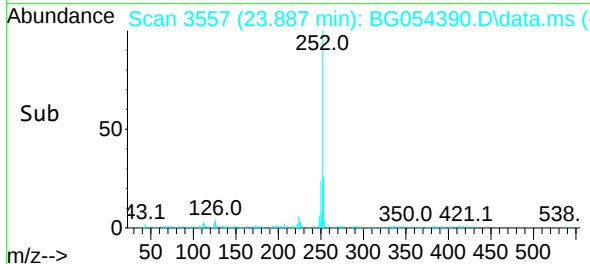
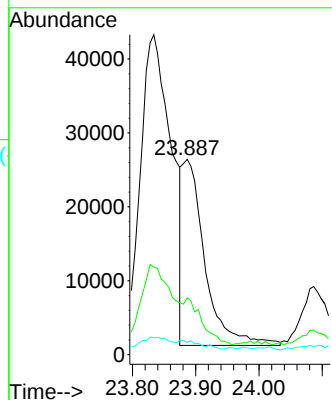
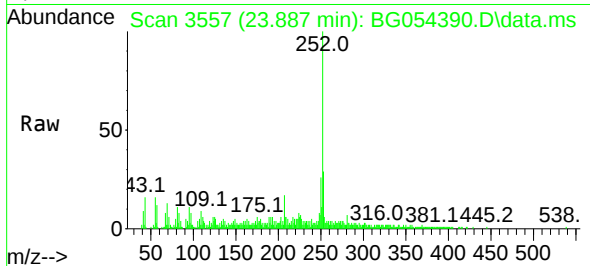
#89
Benzo(k)fluoranthene
Concen: 7.517 ng m
RT: 23.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Tgt Ion:252 Resp: 6212
Ion Ratio Lower Upper
252 100
253 29.0 18.4 27.6
125 6.3 4.8 7.2

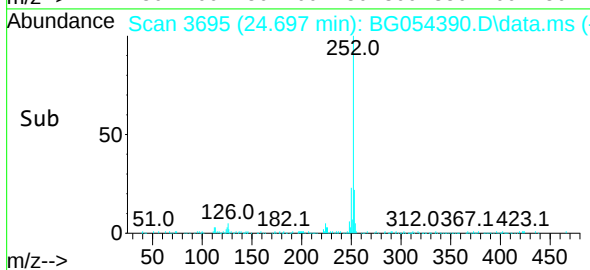
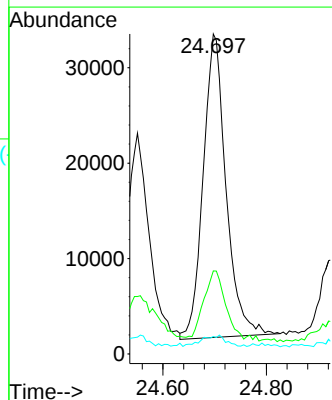
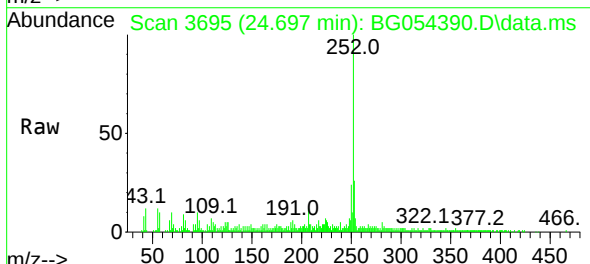
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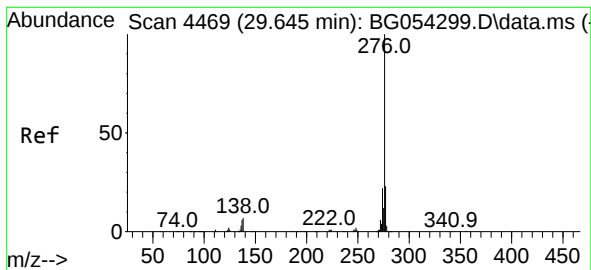
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#90
Benzo(a)pyrene
Concen: 13.743 ng
RT: 24.697 min Scan# 3695
Delta R.T. 0.011 min
Lab File: BG054390.D
Acq: 25 Jul 2022 22:16

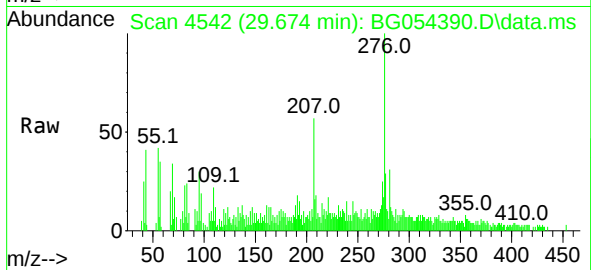
Tgt Ion:252 Resp: 97473
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 5.5 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 4.427 ng
 RT: 29.674 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BG054390.D
 Acq: 25 Jul 2022 22:16

Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-4(5-10)



Tgt Ion:276 Resp: 3838
 Ion Ratio Lower Upper
 276 100
 277 29.0 17.3 25.9
 138 8.3 9.6 14.4

Manual Integrations
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Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022

