

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054962.D
 Acq On : 15 Sep 2022 18:58
 Operator : CG/JU
 Sample : N4644-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 05:31:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	47442	20.000	ng	0.00
21) Naphthalene-d8	10.957	136	190632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.765	164	118973	20.000	ng	0.00
64) Phenanthrene-d10	17.514	188	243290	20.000	ng	0.00
76) Chrysene-d12	21.809	240	235199	20.000	ng	0.00
86) Perylene-d12	25.182	264	253303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	264142	96.953	ng	0.00
7) Phenol-d6	7.285	99	353507	94.879	ng	0.00
23) Nitrobenzene-d5	9.306	82	211572	58.263	ng	0.00
42) 2,4,6-Tribromophenol	16.257	330	137567	92.535	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	539175	68.115	ng	0.00
79) Terphenyl-d14	20.123	244	750698	63.241	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.555	178	36411	2.809	ng	98
75) Fluoranthene	19.571	202	58285	3.697	ng	97
78) Pyrene	19.935	202	59352	3.619	ng	98
81) Benzo(a)anthracene	21.792	228	32730	2.052	ng	# 95
83) Chrysene	21.856	228	37544m	2.462	ng	
88) Benzo(b)fluoranthene	24.107	252	45641	2.872	ng	# 89
90) Benzo(a)pyrene	25.017	252	32263	2.377	ng	# 94

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

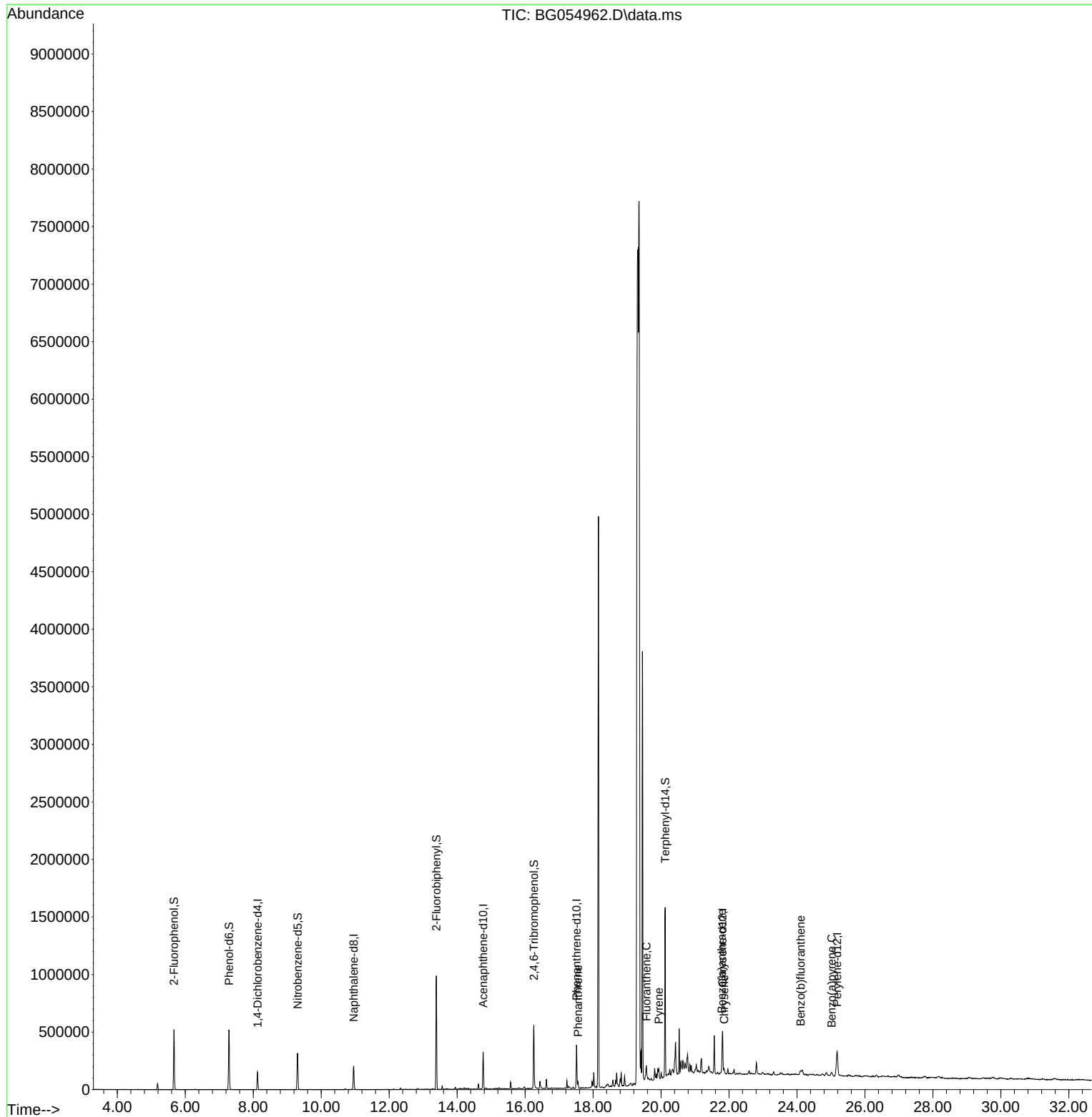
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054962.D
Acq On : 15 Sep 2022 18:58
Operator : CG/JU
Sample : N4644-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

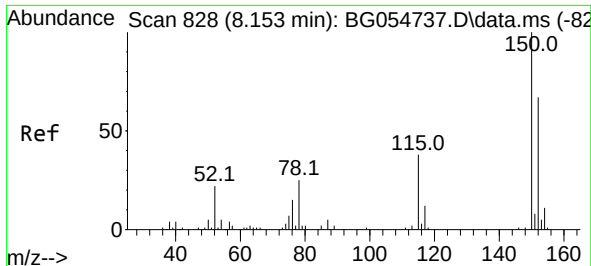
Instrument :
BNA_G
ClientSampleId :
TR-6-091422

Quant Time: Sep 16 05:31:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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Manual Integrations
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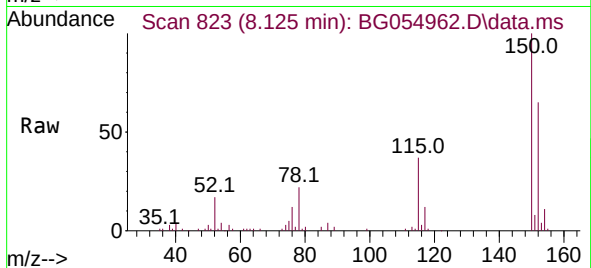
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

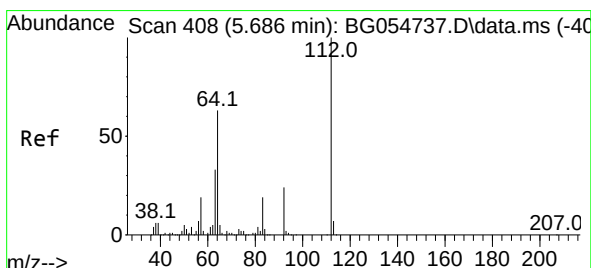
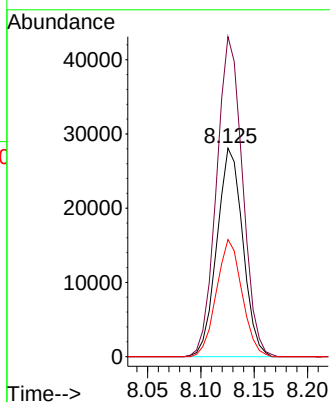
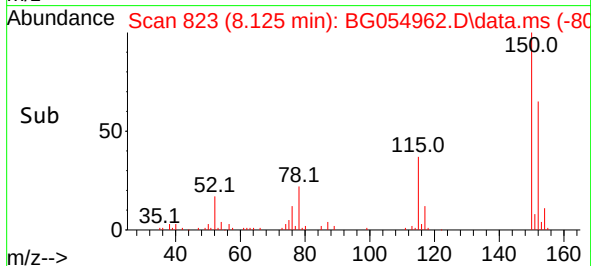
Instrument :
BNA_G
ClientSampleId :
TR-6-091422



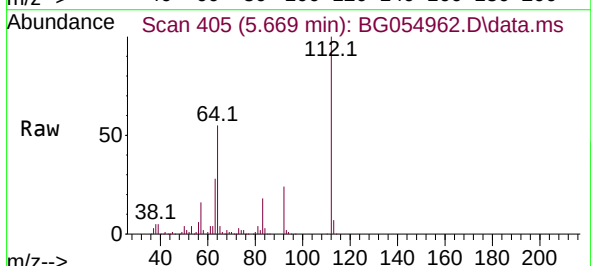
Tgt Ion:152 Resp: 47442
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 56.2 47.9 71.9

Manual Integrations
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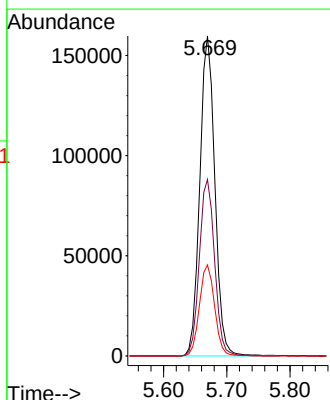
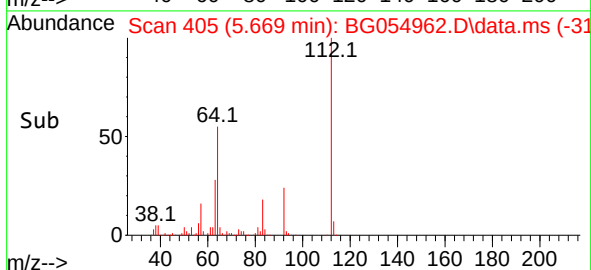
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

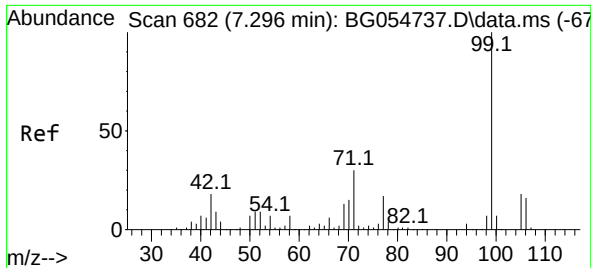


#5
2-Fluorophenol
Concen: 96.953 ng
RT: 5.669 min Scan# 405
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58



Tgt Ion:112 Resp: 264142
Ion Ratio Lower Upper
112 100
64 55.1 49.3 73.9
63 28.4 26.3 39.5





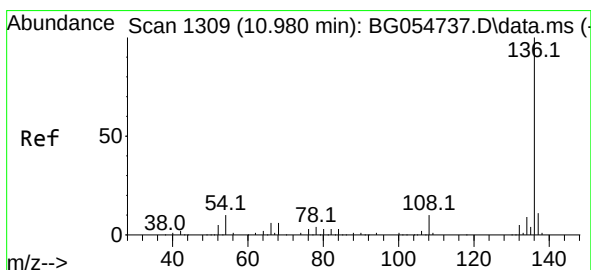
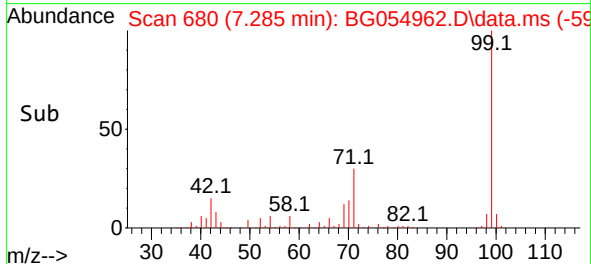
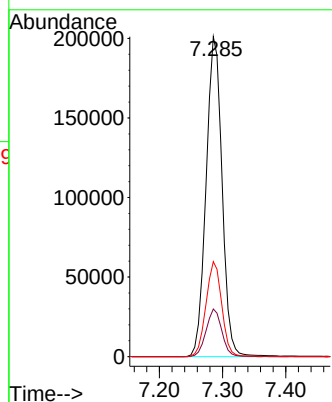
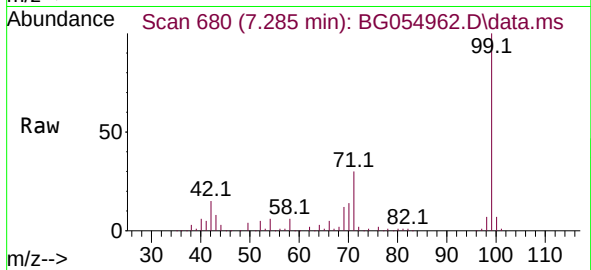
#7
Phenol-d6
Concen: 94.879 ng
RT: 7.285 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Instrument :
BNA_G
ClientSampleId :
TR-6-091422

Tgt Ion: 99 Resp: 35350
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 29.7 24.6 37.0

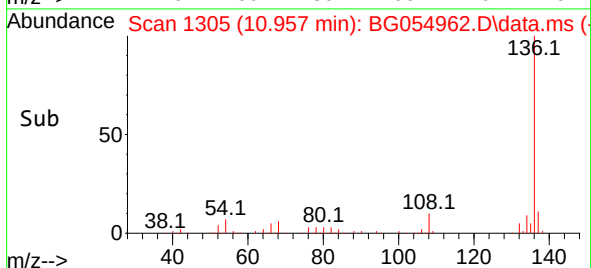
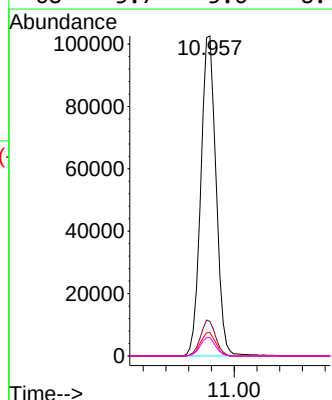
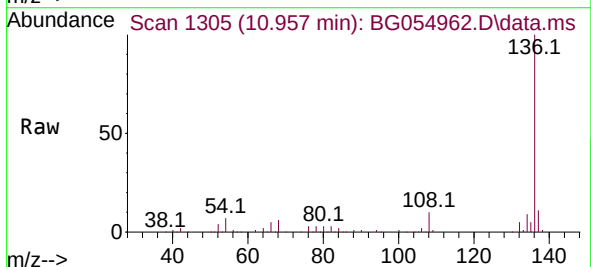
Manual Integrations
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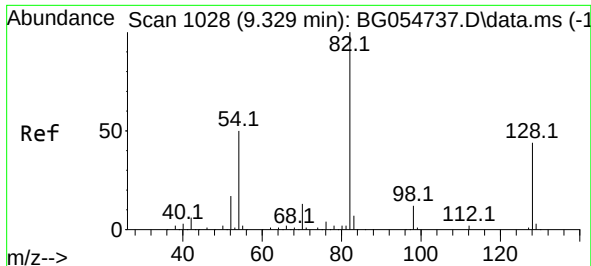
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:136 Resp: 190632
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.3 7.7 11.5#
68 5.7 5.6 8.4





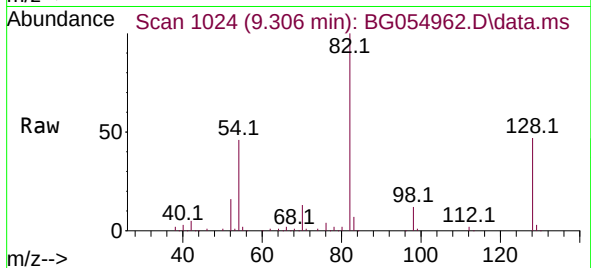
#23
Nitrobenzene-d5
Concen: 58.263 ng
RT: 9.306 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Instrument :

BNA_G

ClientSampleId :

TR-6-091422

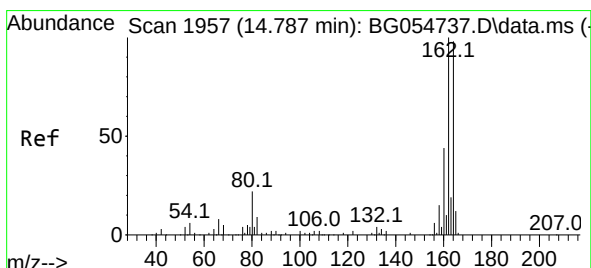
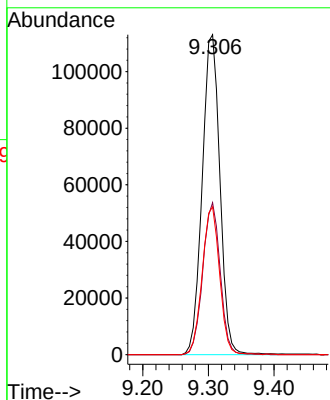
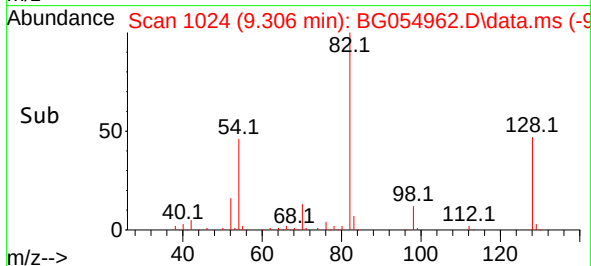


Tgt Ion: 82 Resp: 211572
Ion Ratio Lower Upper
82 100
128 47.5 32.2 48.2
54 46.2 41.4 62.0

Manual Integrations

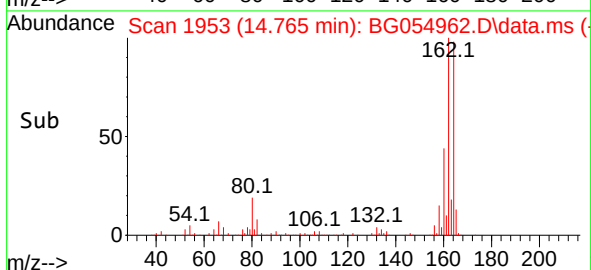
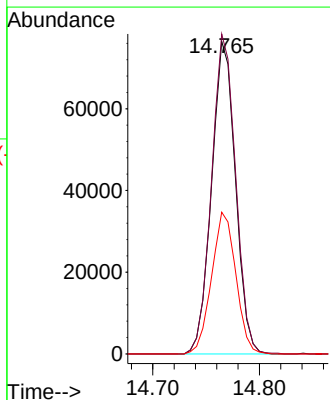
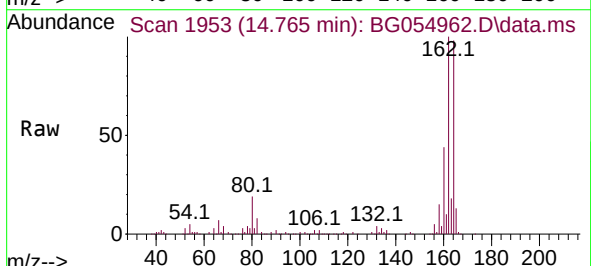
APPROVED

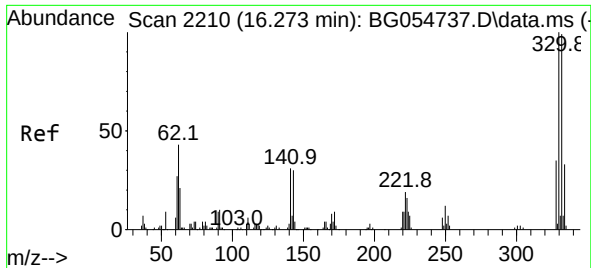
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1953
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:164 Resp: 118973
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 45.3 38.0 57.0





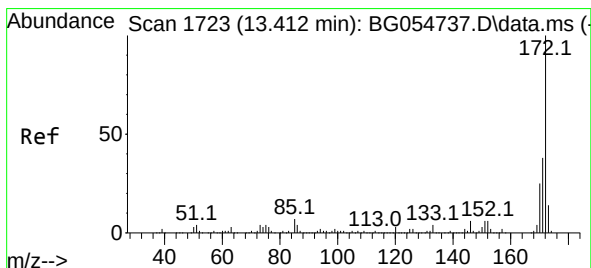
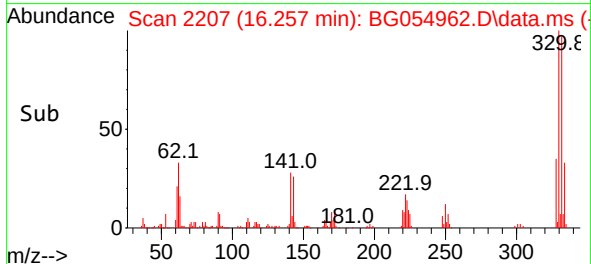
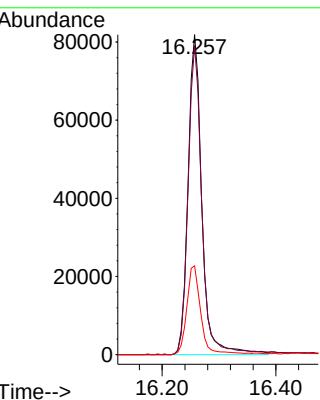
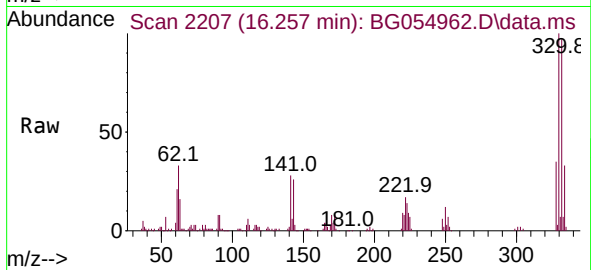
#42
2,4,6-Tribromophenol
Concen: 92.535 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Instrument :
BNA_G
ClientSampleId :
TR-6-091422

Tgt Ion:330 Resp: 137562
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 27.9 26.8 40.2

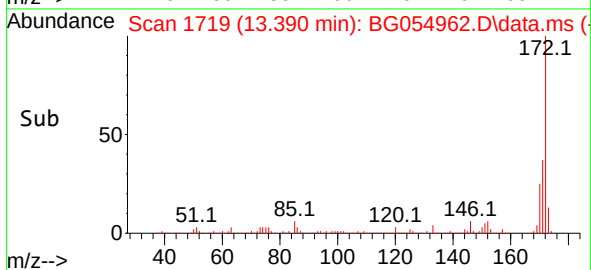
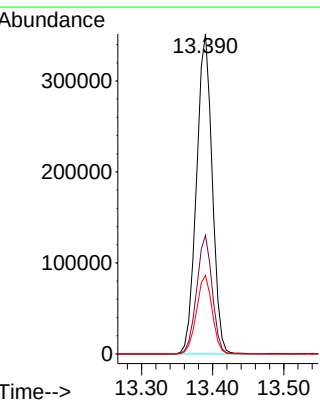
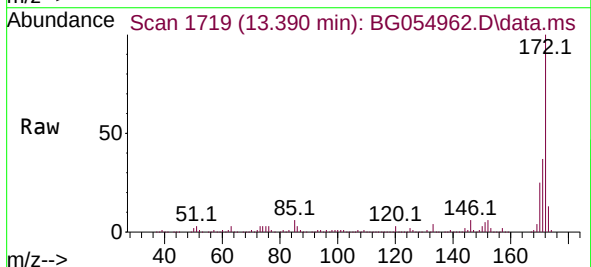
Manual Integrations
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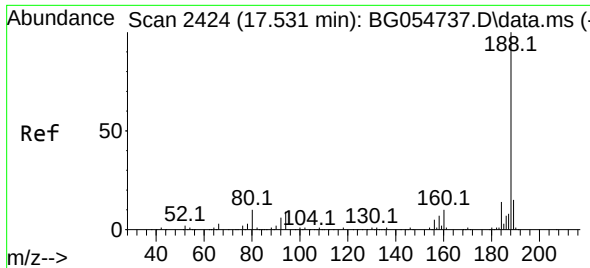
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#45
2-Fluorobiphenyl
Concen: 68.115 ng
RT: 13.390 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

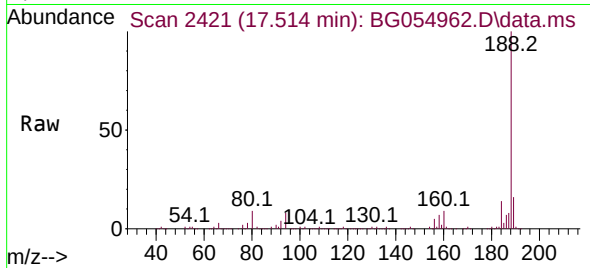
Tgt Ion:172 Resp: 539175
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.5 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.514 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

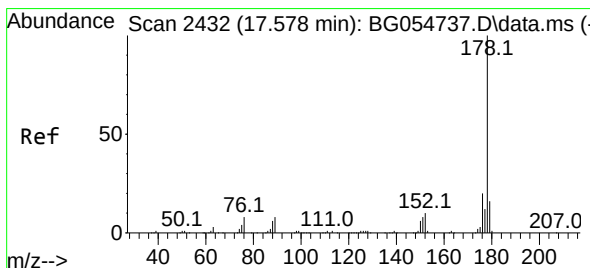
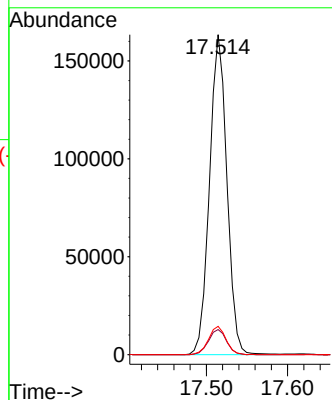
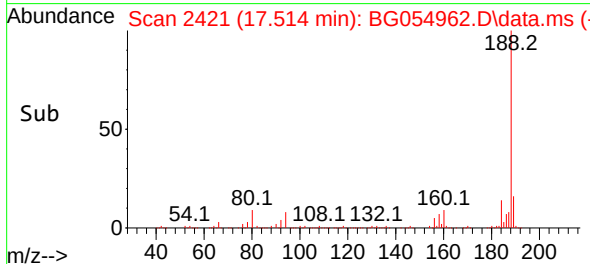
Instrument :
BNA_G
ClientSampleId :
TR-6-091422



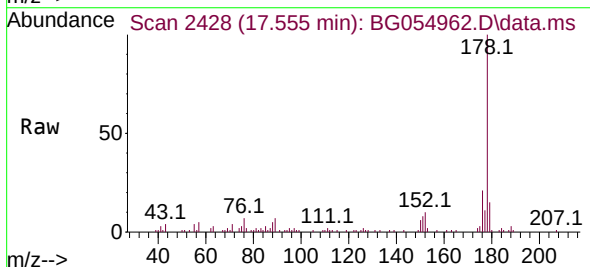
Tgt Ion:188 Resp: 243290
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.8 7.9 11.9

Manual Integrations
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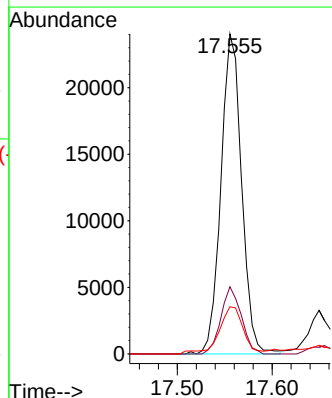
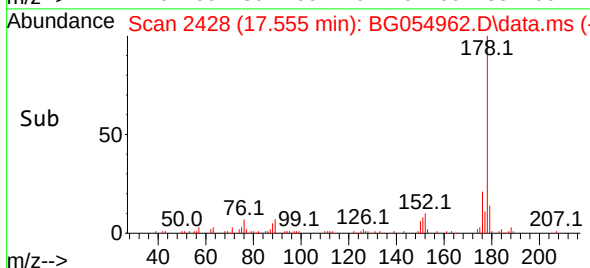
Reviewed By :Christian Giraldo 09/16/2022
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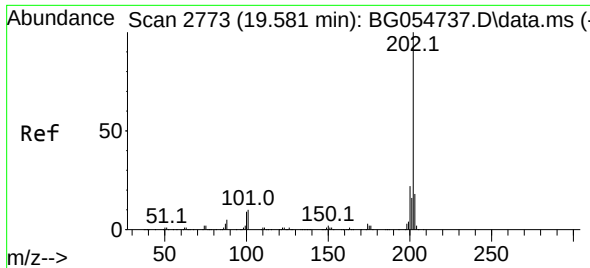


#71
Phenanthrene
Concen: 2.809 ng
RT: 17.555 min Scan# 2428
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58



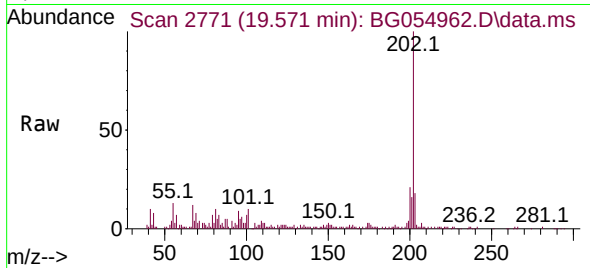
Tgt Ion:178 Resp: 36411
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 14.7 12.8 19.2





#75
Fluoranthene
Concen: 3.697 ng
RT: 19.571 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

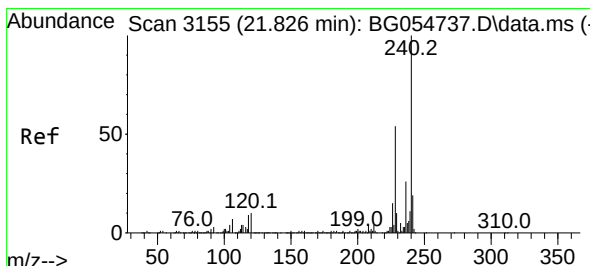
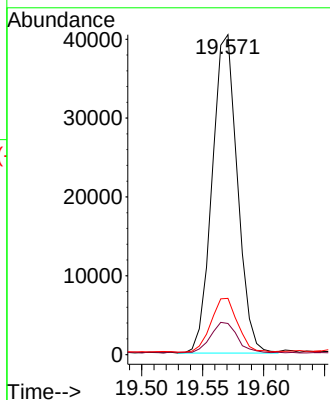
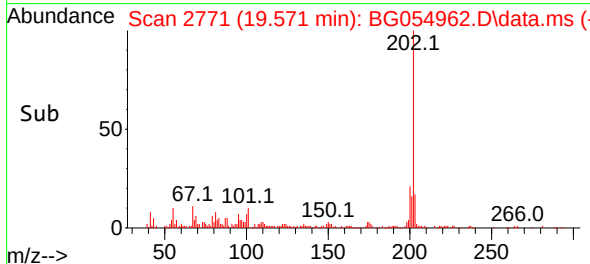
Instrument :
BNA_G
ClientSampleId :
TR-6-091422



Tgt Ion:202 Resp: 58285
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 17.6 0.0 38.6

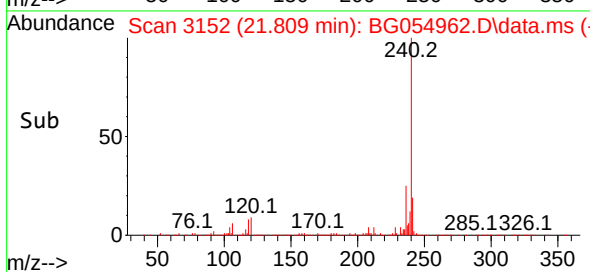
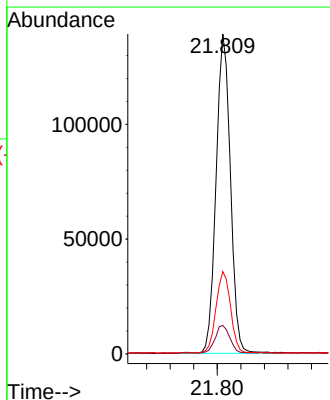
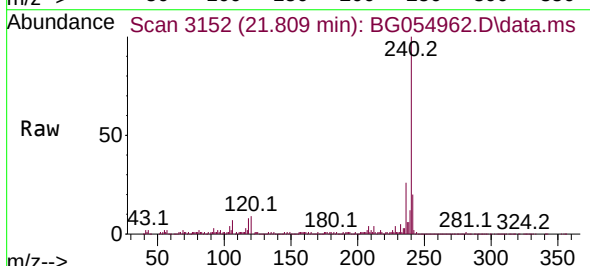
Manual Integrations
APPROVED

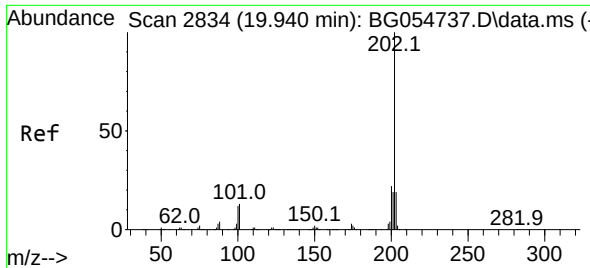
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.809 min Scan# 3152
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Tgt Ion:240 Resp: 235199
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 25.7 21.2 31.8





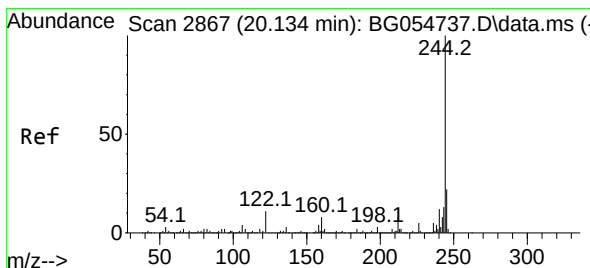
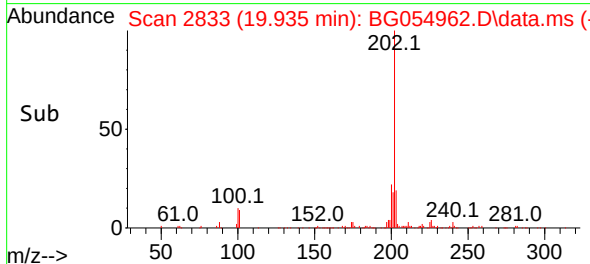
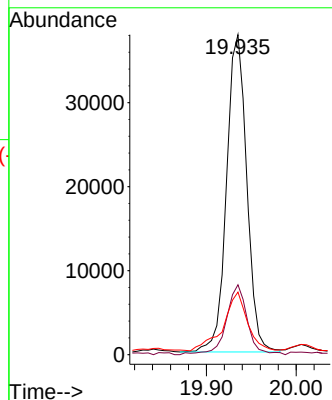
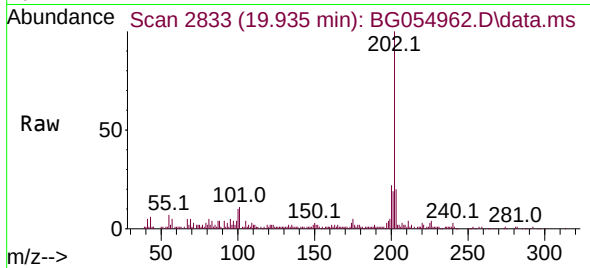
#78
Pyrene
Concen: 3.619 ng
RT: 19.935 min Scan# 2835
Delta R.T. 0.002 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

Instrument :
BNA_G
ClientSampleId :
TR-6-091422

Tgt Ion:202 Resp: 59352
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 19.5 14.6 21.8

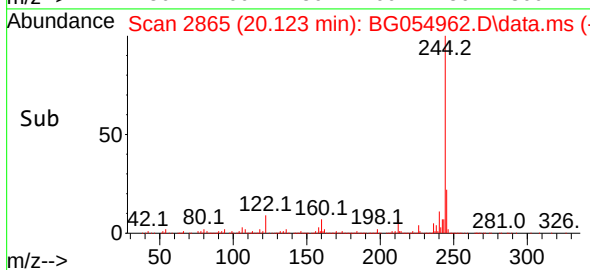
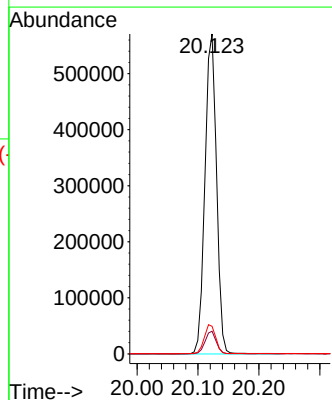
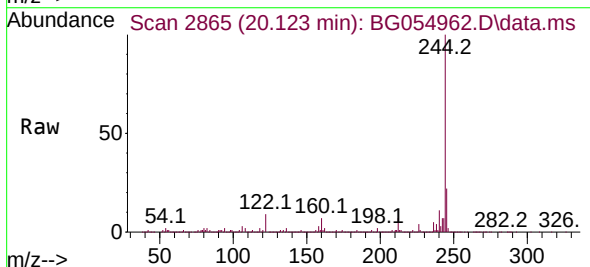
Manual Integrations
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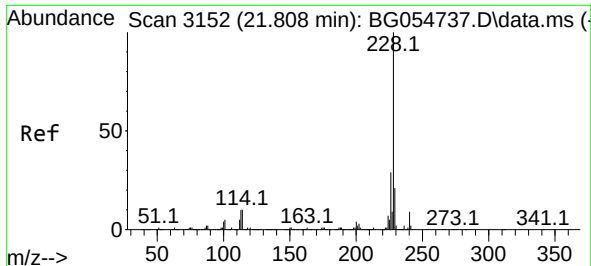
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#79
Terphenyl-d14
Concen: 63.241 ng
RT: 20.123 min Scan# 2865
Delta R.T. 0.002 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

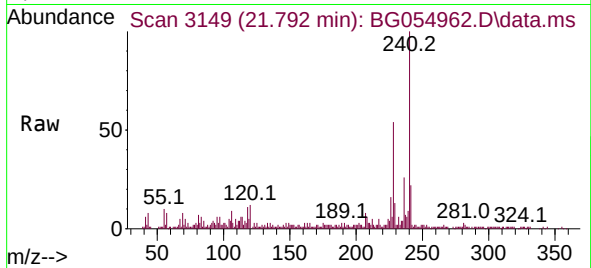
Tgt Ion:244 Resp: 750698
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 8.6 9.0 13.6#





#81
Benzo(a)anthracene
Concen: 2.052 ng
RT: 21.792 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58

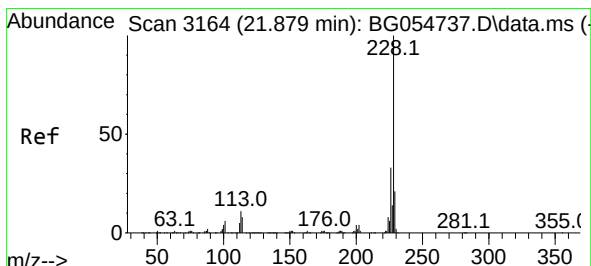
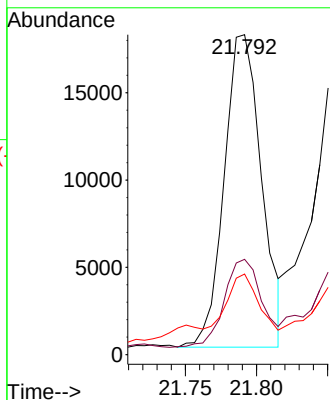
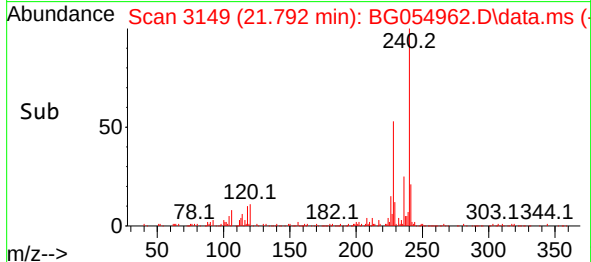
Instrument :
BNA_G
ClientSampleId :
TR-6-091422



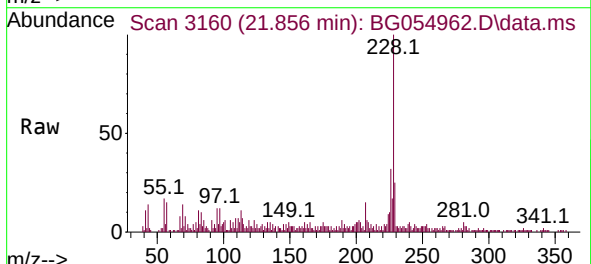
Tgt Ion:228 Resp: 32730
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.2
229 25.2 16.5 24.7

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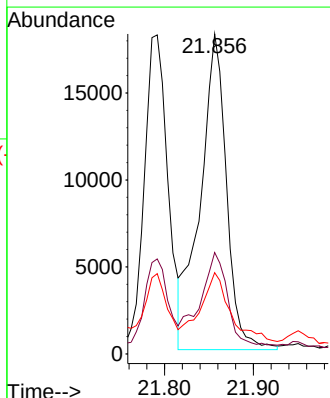
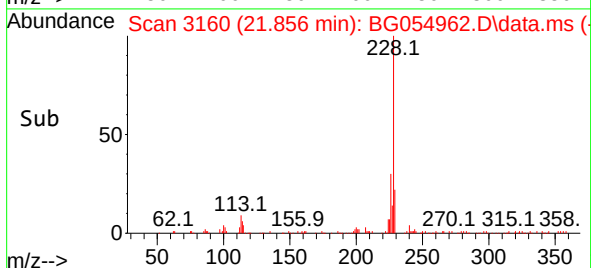
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

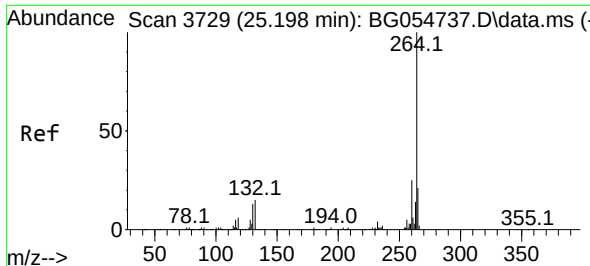


#83
Chrysene
Concen: 2.462 ng m
RT: 21.856 min Scan# 3160
Delta R.T. -0.010 min
Lab File: BG054962.D
Acq: 15 Sep 2022 18:58



Tgt Ion:228 Resp: 37544
Ion Ratio Lower Upper
228 100
226 31.7 25.5 38.3
229 25.4 16.8 25.2





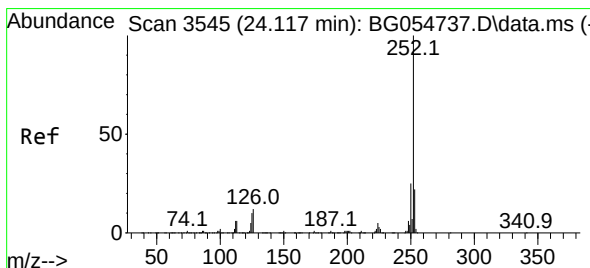
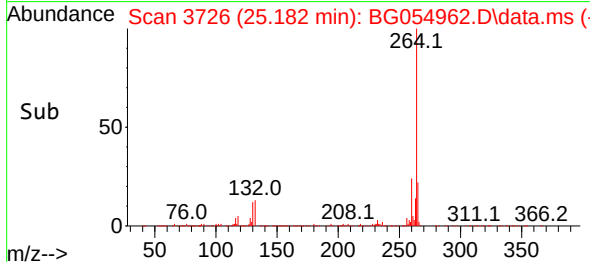
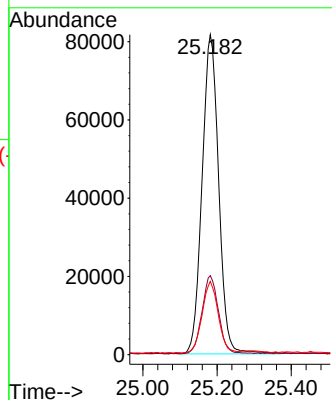
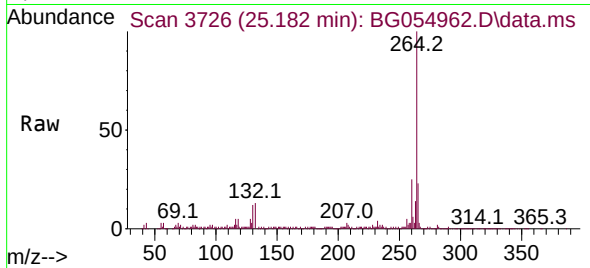
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.182 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-091422

Tgt Ion:264 Resp: 253303
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 22.9 16.9 25.3

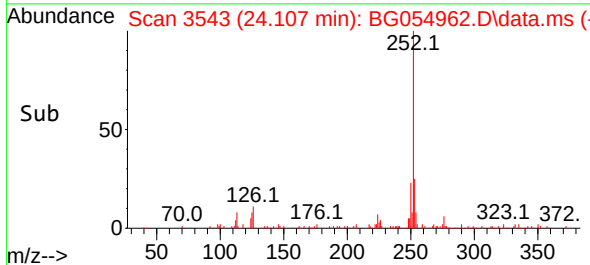
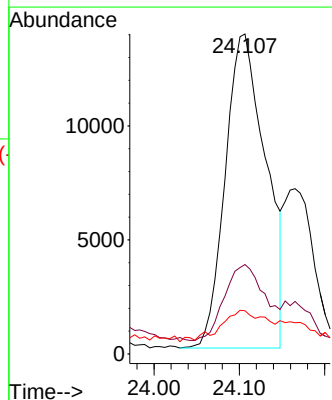
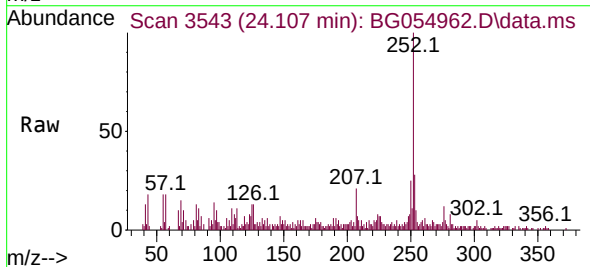
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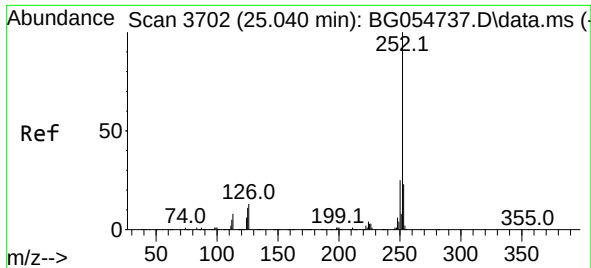
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#88
 Benzo(b)fluoranthene
 Concen: 2.872 ng
 RT: 24.107 min Scan# 3543
 Delta R.T. -0.004 min
 Lab File: BG054962.D
 Acq: 15 Sep 2022 18:58

Tgt Ion:252 Resp: 45641
 Ion Ratio Lower Upper
 252 100
 253 27.9 18.0 27.0#
 125 13.5 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 2.377 ng

RT: 25.017 min Scan# 30

Delta R.T. -0.015 min

Lab File: BG054962.D

Acq: 15 Sep 2022 18:58

Instrument :

BNA_G

ClientSampleId :

TR-6-091422

Tgt Ion:252 Resp: 32263

Ion Ratio Lower Upper

252 100

253 25.3 18.3 27.5

125 13.7 8.8 13.2

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022

