

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054574.D
 Acq On : 9 Aug 2022 17:55
 Operator : CG/JU
 Sample : N3962-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-194

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 07:13:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	21698	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	80675	20.000	ng	# 0.00
39) Acenaphthene-d10	14.612	164	58081	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	137934	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	154105	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	159664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	108955	104.842	ng	0.00
7) Phenol-d6	7.179	99	147151	103.336	ng	0.00
23) Nitrobenzene-d5	9.142	82	101293	68.375	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	115177	94.447	ng	0.00
45) 2-Fluorobiphenyl	13.231	172	291228	70.735	ng	0.00
79) Terphenyl-d14	19.970	244	546852	70.397	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.403	178	29657	4.317	ng	97
75) Fluoranthene	19.418	202	58088	6.204	ng	96
78) Pyrene	19.782	202	87858	9.936	ng	97
81) Benzo(a)anthracene	21.610	228	40879	4.179	ng	95
83) Chrysene	21.674	228	51608m	5.584	ng	
88) Benzo(b)fluoranthene	23.819	252	53618m	5.678	ng	
90) Benzo(a)pyrene	24.682	252	44029	5.460	ng	98

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

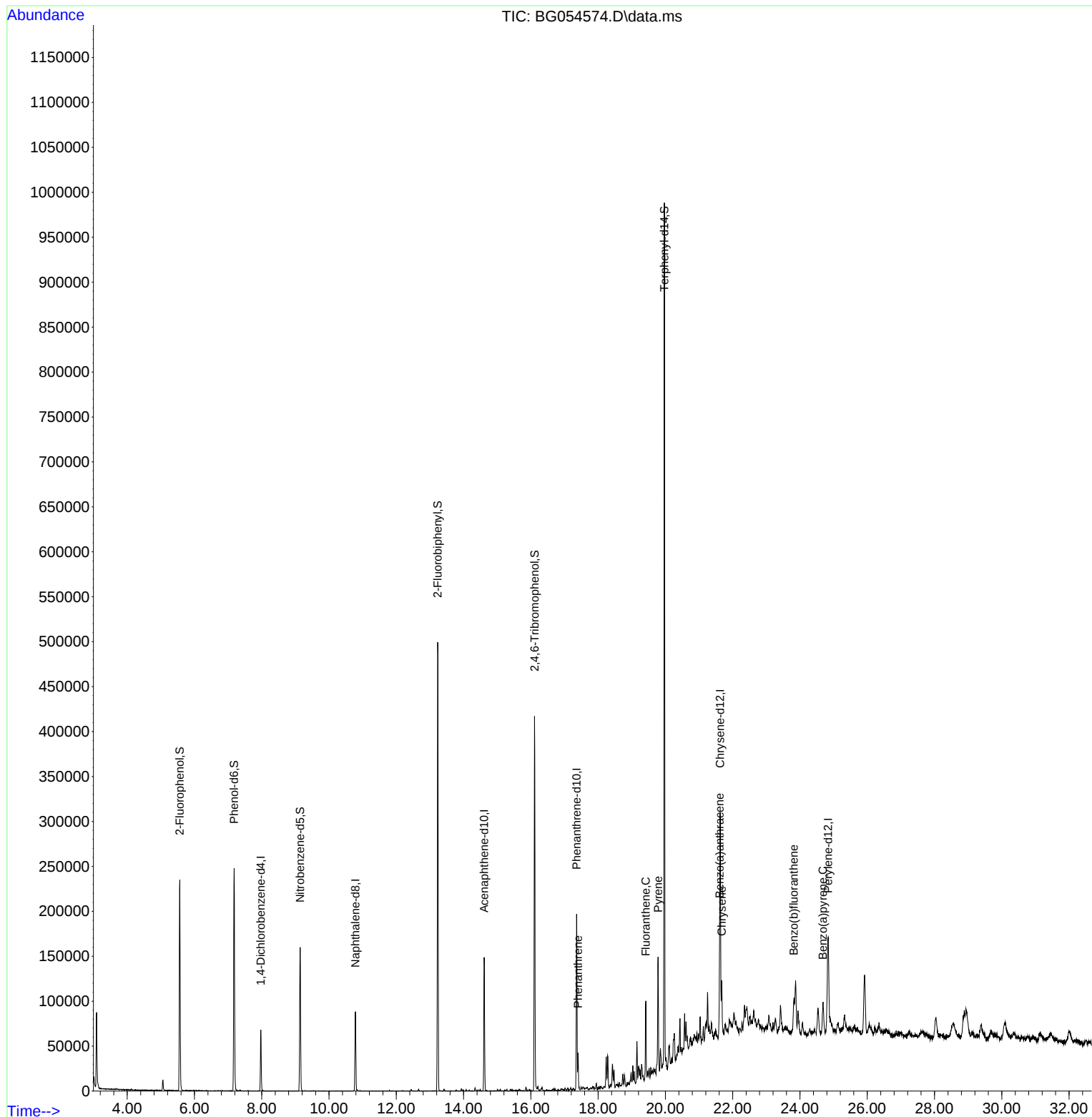
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054574.D
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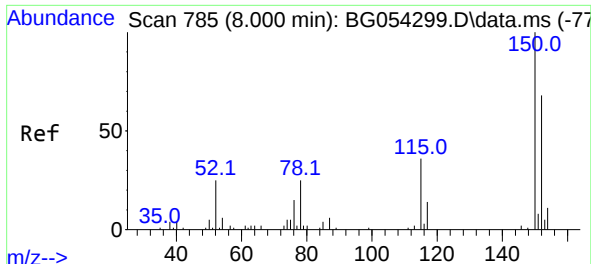
Instrument :
BNA_G
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RVE-194

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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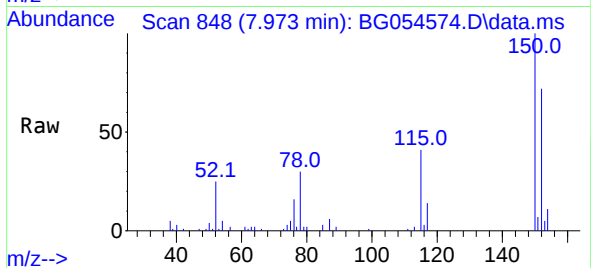
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

Instrument :

BNA_G

ClientSampleId :

RVE-194

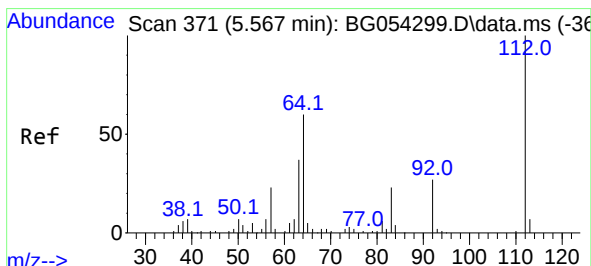
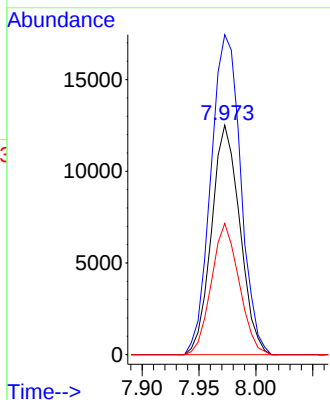
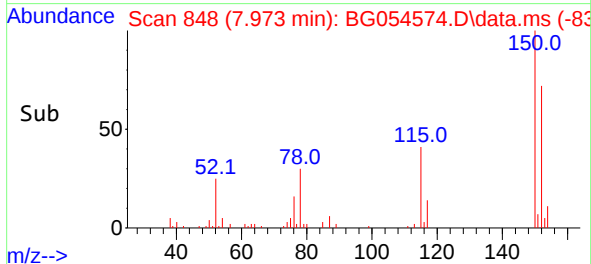


Tgt Ion:152 Resp: 21698
Ion Ratio Lower Upper
152 100
150 139.3 131.6 197.4
115 57.2 50.9 76.3

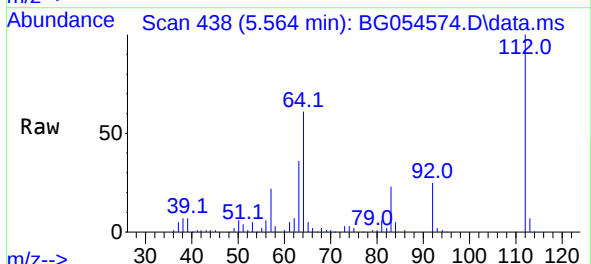
Manual Integrations

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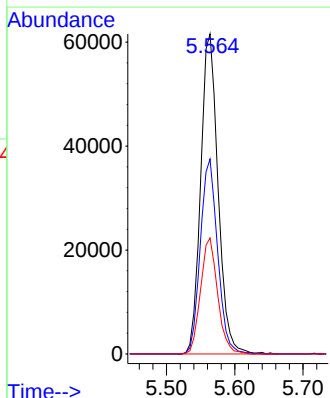
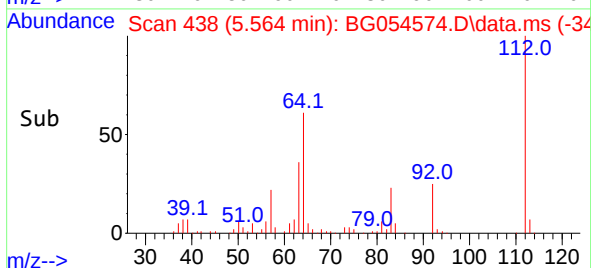
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

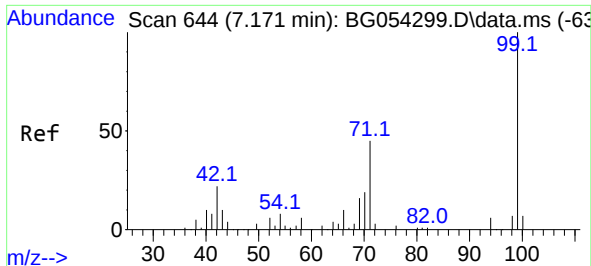


#5
2-Fluorophenol
Concen: 104.842 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55



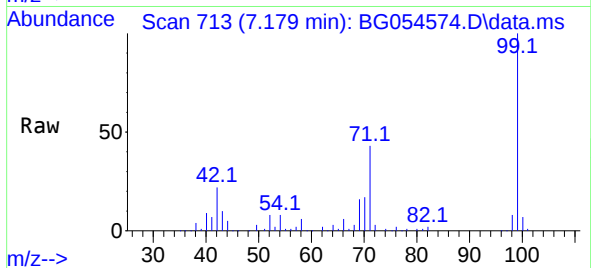
Tgt Ion:112 Resp: 108955
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 36.2 30.4 45.6





#7
Phenol-d6
Concen: 103.336 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

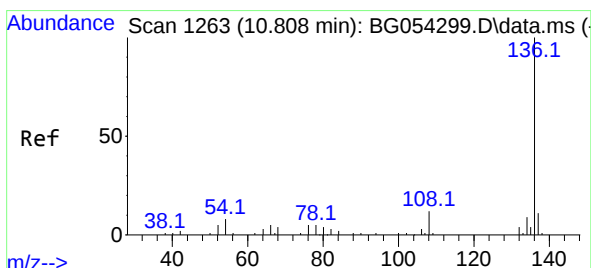
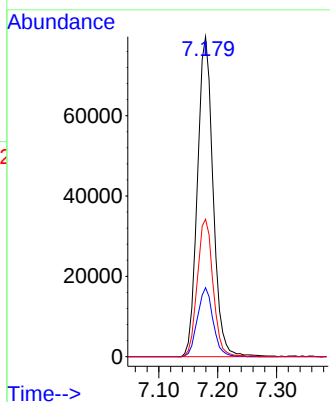
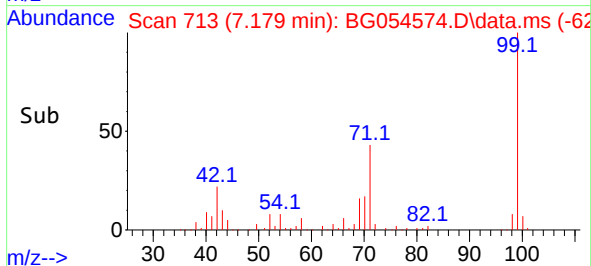
Instrument :
BNA_G
ClientSampleId :
RVE-194



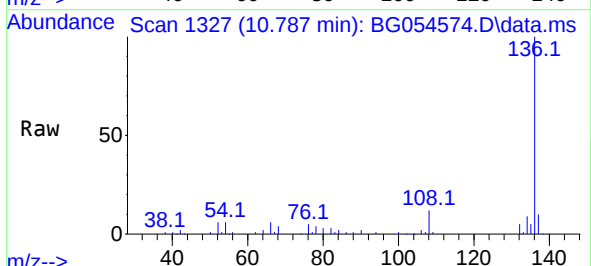
Tgt Ion: 99 Resp: 14715
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 43.0 33.8 50.8

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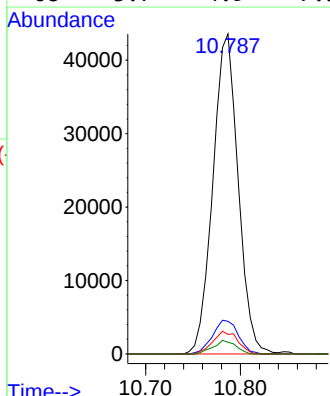
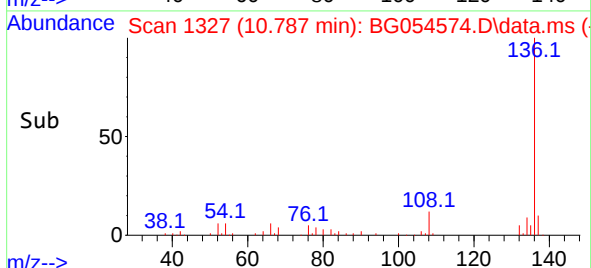
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

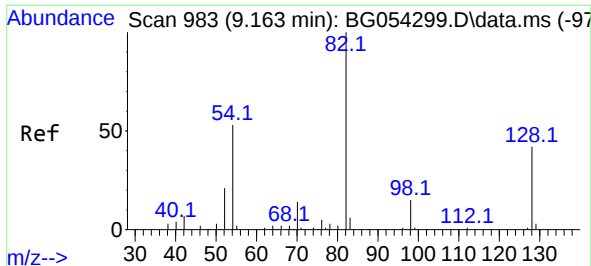


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55



Tgt Ion:136 Resp: 80675
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 6.1 7.4 11.2#
68 3.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 68.375 ng

RT: 9.142 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BG054574.D

Acq: 9 Aug 2022 17:55

Instrument :

BNA_G

ClientSampleId :

RVE-194

Tgt Ion: 82 Resp: 10129

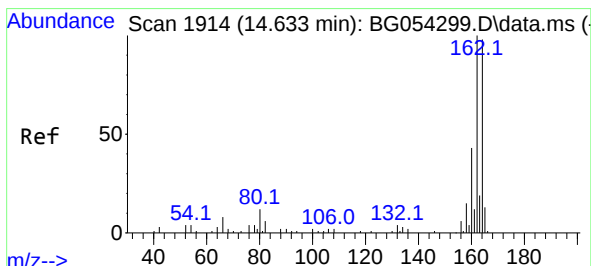
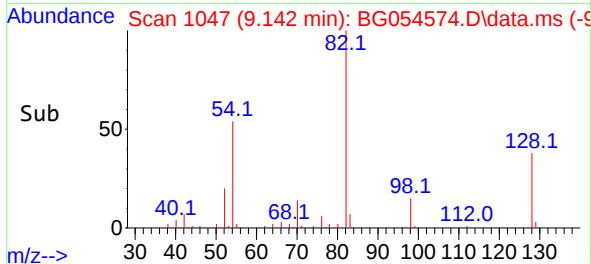
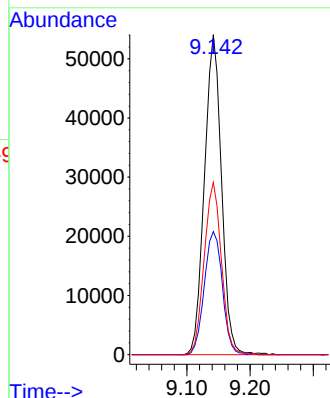
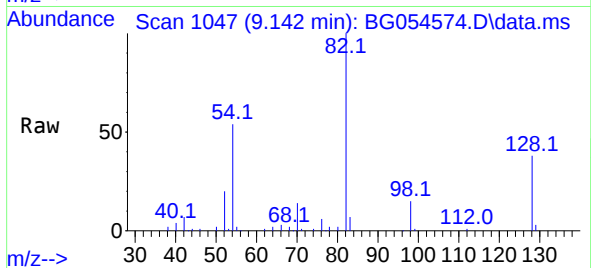
Ion	Ratio	Lower	Upper
82	100		
128	38.5	27.9	41.9
54	53.8	41.2	61.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.612 min Scan# 1978

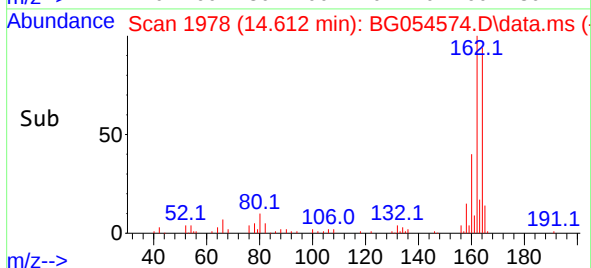
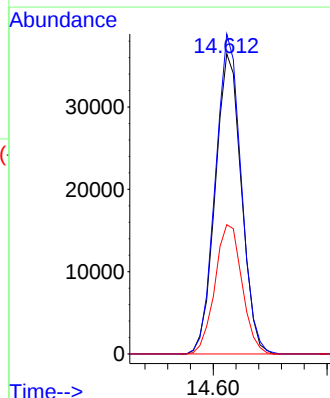
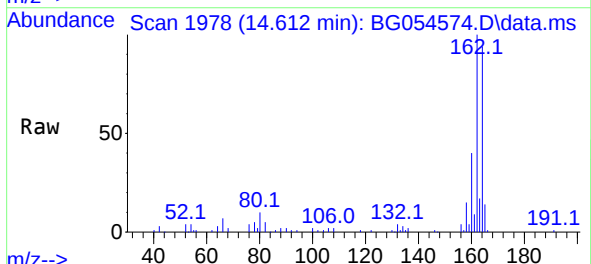
Delta R.T. -0.006 min

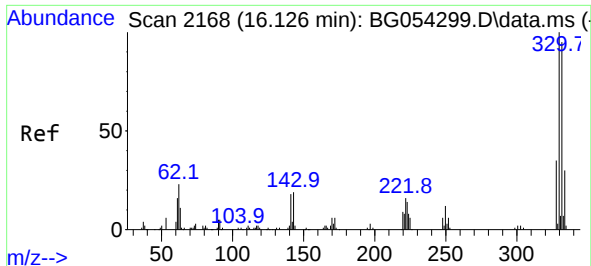
Lab File: BG054574.D

Acq: 9 Aug 2022 17:55

Tgt Ion:164 Resp: 58081

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.3	123.5
160	43.1	34.2	51.2





#42
2,4,6-Tribromophenol
Concen: 94.447 ng
RT: 16.110 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

Instrument :

BNA_G

ClientSampleId :

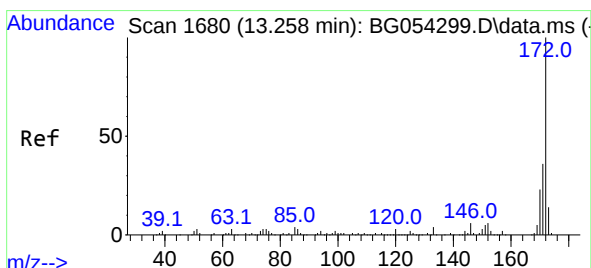
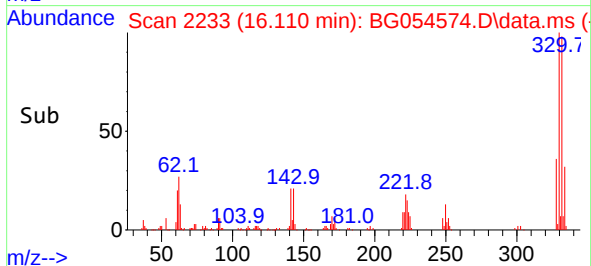
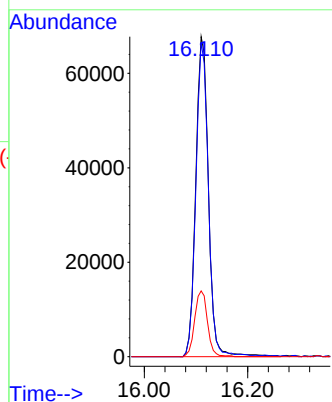
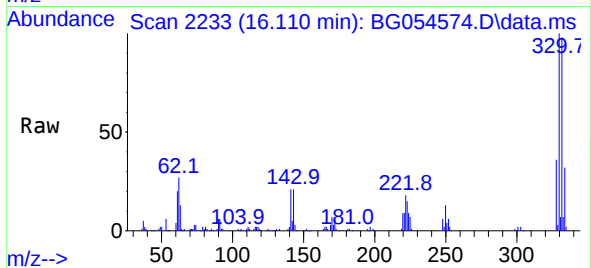
RVE-194

Tgt Ion:330 Resp: 11517
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.7 27.1 40.7

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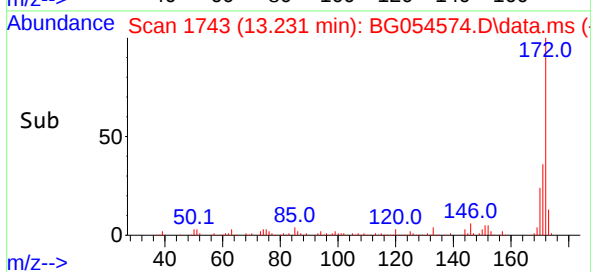
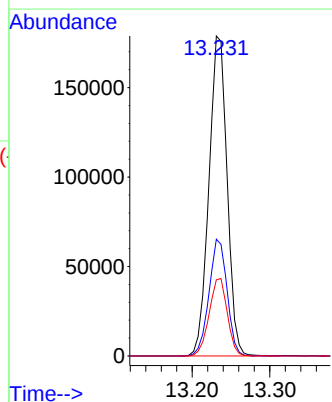
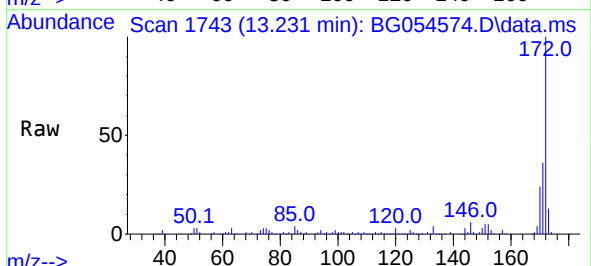
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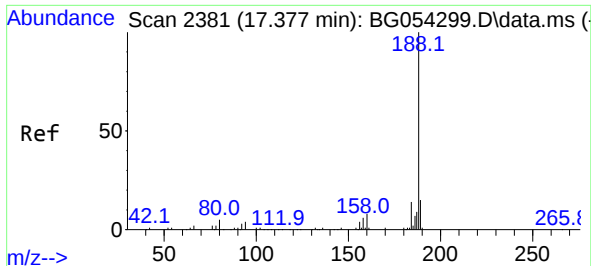
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 70.735 ng
RT: 13.231 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

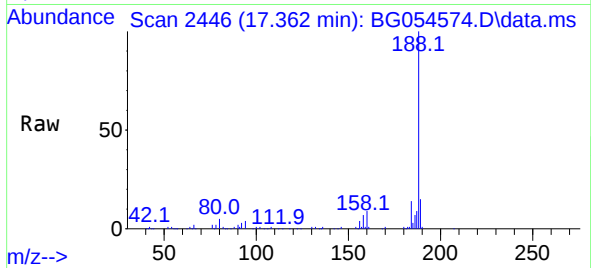
Tgt Ion:172 Resp: 291228
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.8 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

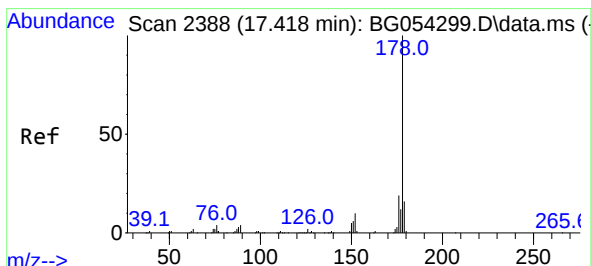
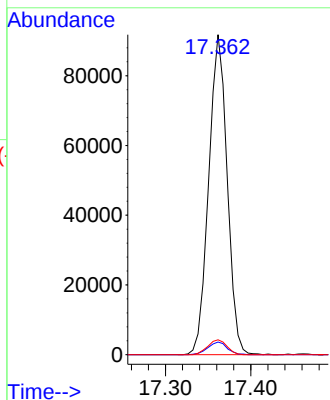
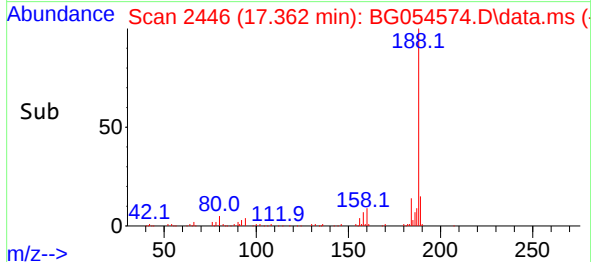
Instrument :
BNA_G
ClientSampleId :
RVE-194



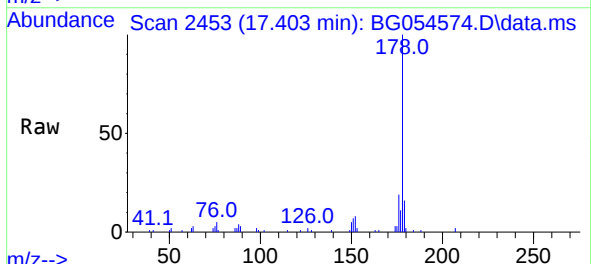
Tgt Ion:188 Resp: 137934
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 4.6 6.8 10.2

Manual Integrations
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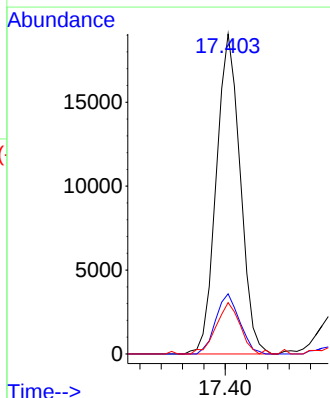
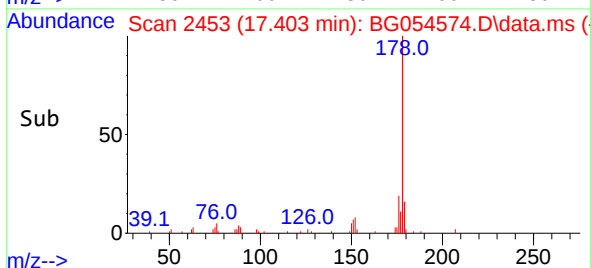
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

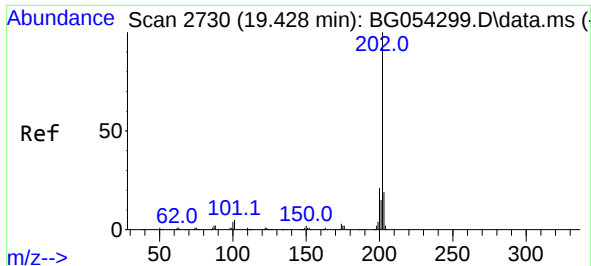


#71
Phenanthrene
Concen: 4.317 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55



Tgt Ion:178 Resp: 29657
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 16.0 12.1 18.1





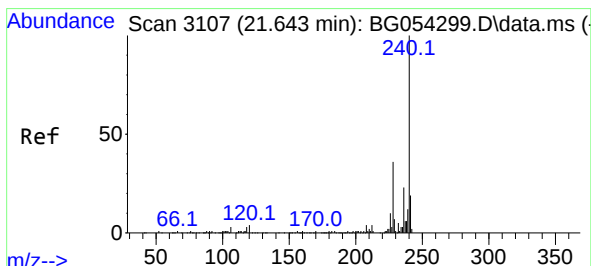
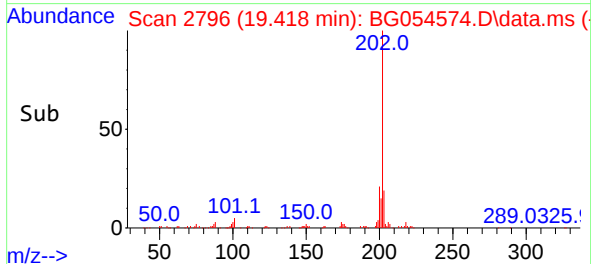
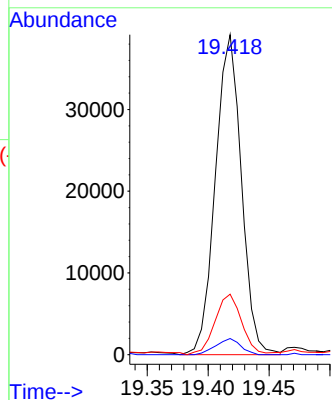
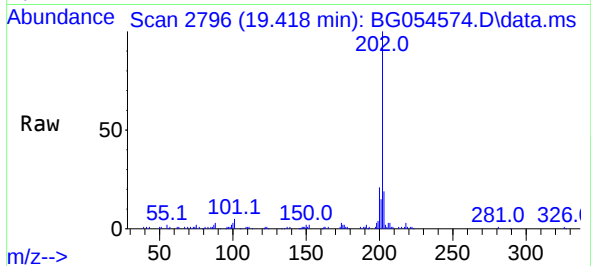
#75
Fluoranthene
Concen: 6.204 ng
RT: 19.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

Instrument :
BNA_G
ClientSampleId :
RVE-194

Tgt Ion:202 Resp: 5808
Ion Ratio Lower Upper
202 100
101 5.1 0.0 26.9
203 18.9 0.0 37.2

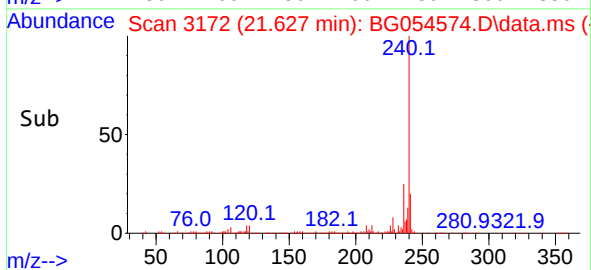
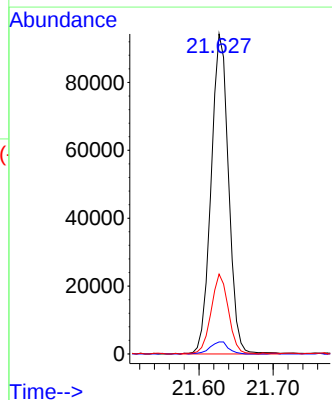
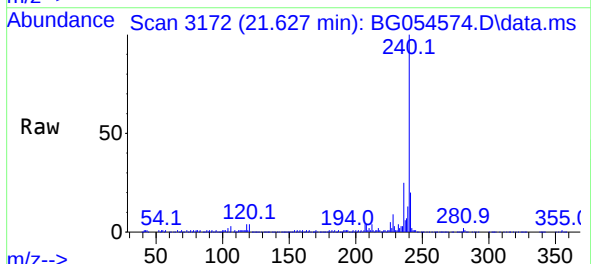
Manual Integrations
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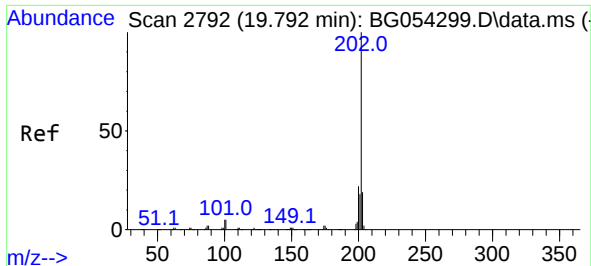
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

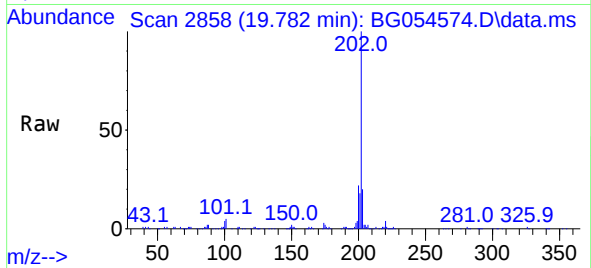
Tgt Ion:240 Resp: 154105
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.0 20.2 30.4





#78
Pyrene
Concen: 9.936 ng
RT: 19.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

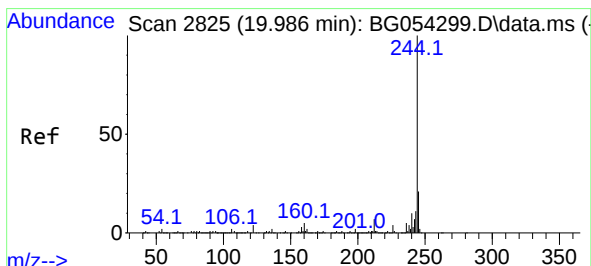
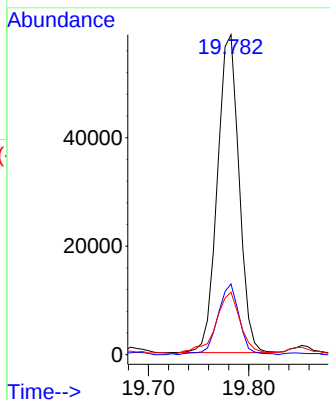
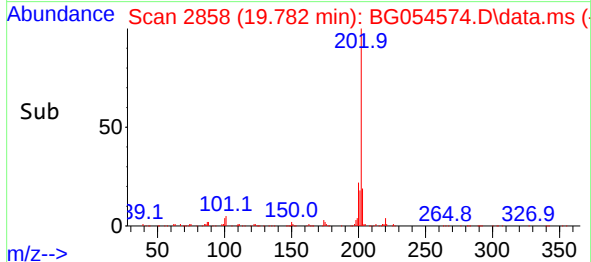
Instrument :
BNA_G
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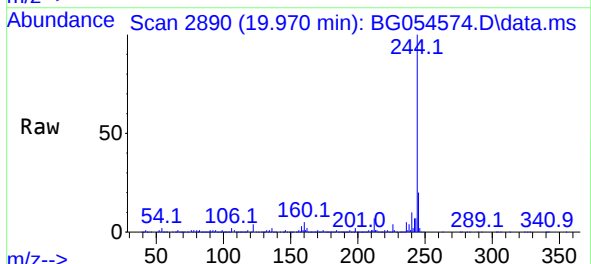
Tgt Ion:202 Resp: 87858
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 19.5 14.6 21.8

Manual Integrations
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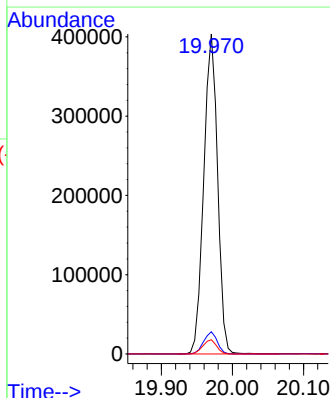
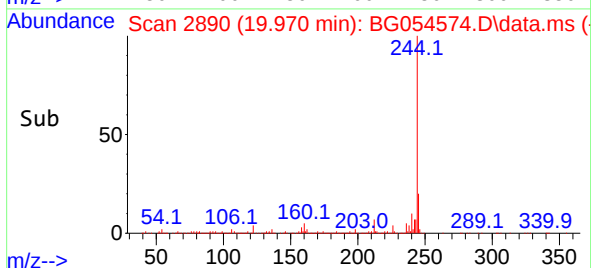
Reviewed By :Christian Giraldo 08/10/2022
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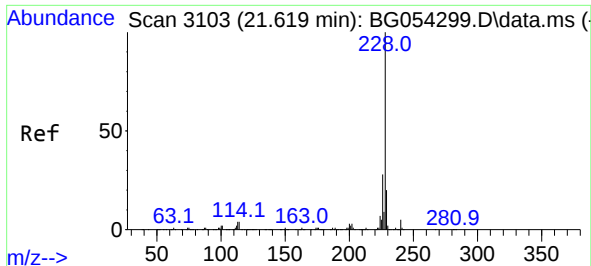


#79
Terphenyl-d14
Concen: 70.397 ng
RT: 19.970 min Scan# 2890
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55



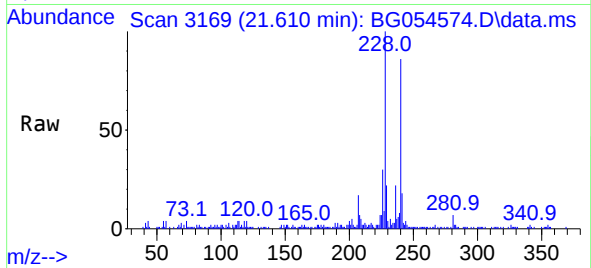
Tgt Ion:244 Resp: 546852
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.5 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 4.179 ng
RT: 21.610 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

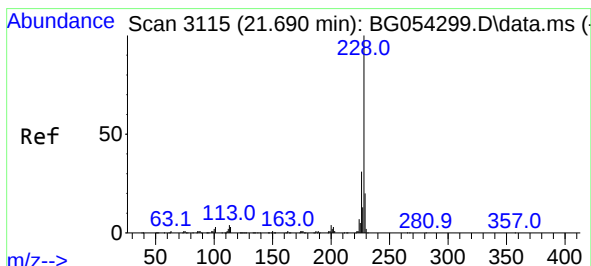
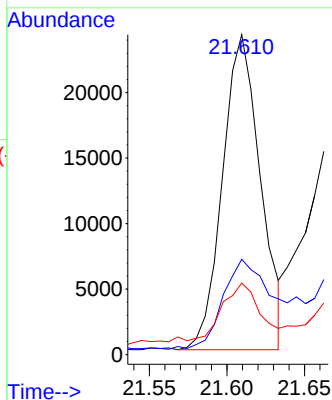
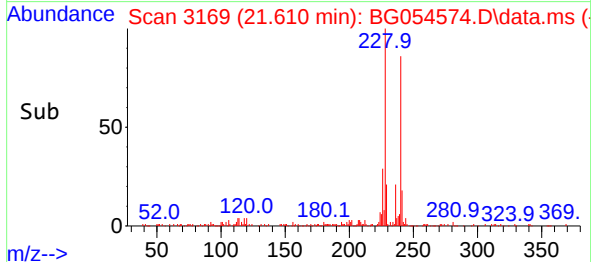
Instrument :
BNA_G
ClientSampleId :
RVE-194



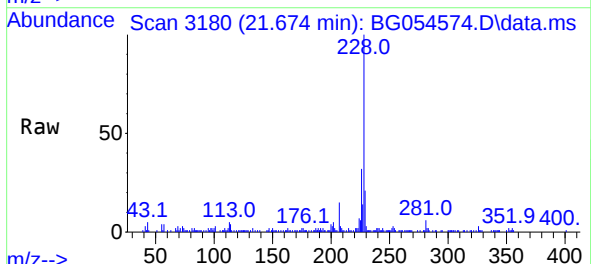
Tgt Ion:228 Resp: 40879
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 22.3 16.2 24.2

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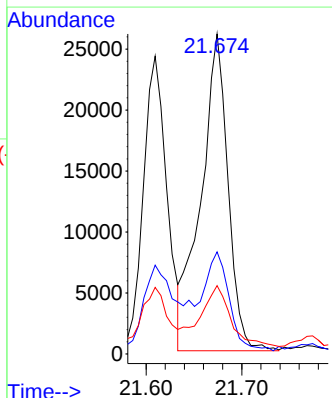
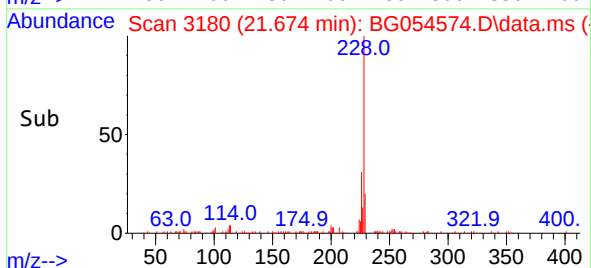
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

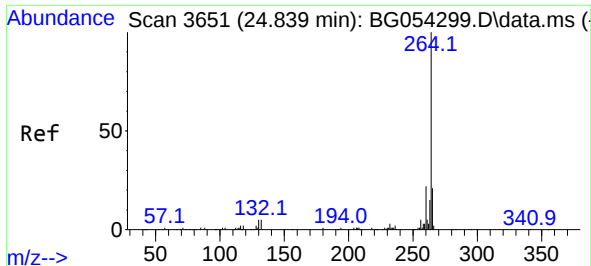


#83
Chrysene
Concen: 5.584 ng m
RT: 21.674 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55



Tgt Ion:228 Resp: 51608
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.2
229 21.3 15.5 23.3





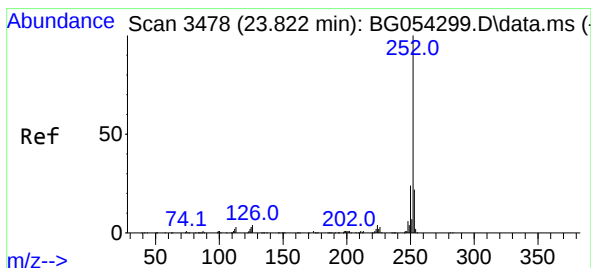
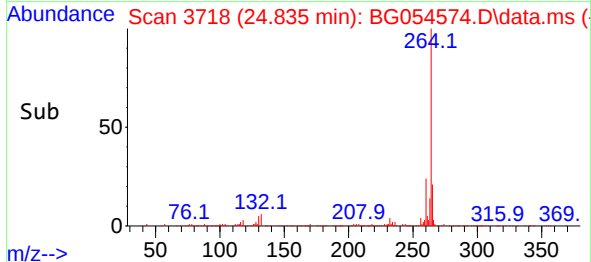
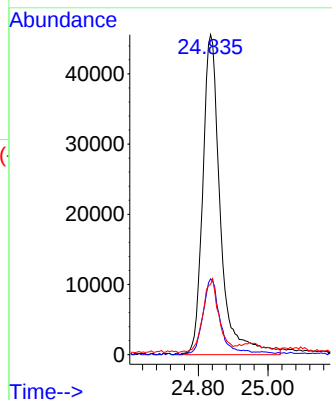
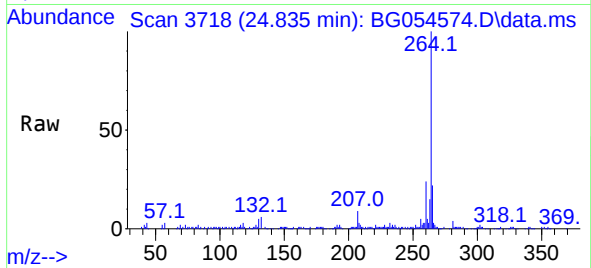
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

Instrument :
BNA_G
ClientSampleId :
RVE-194

Tgt Ion:264 Resp: 159664
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.9 17.4 26.2

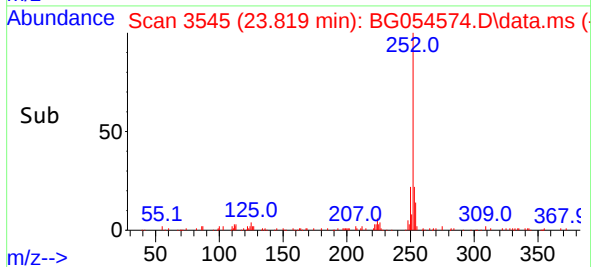
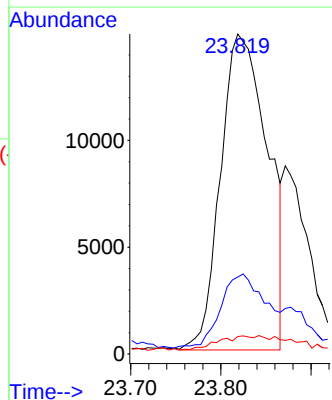
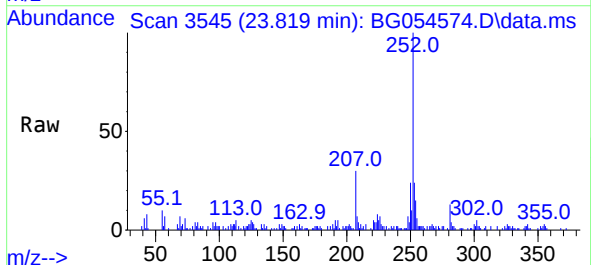
Manual Integrations
APPROVED

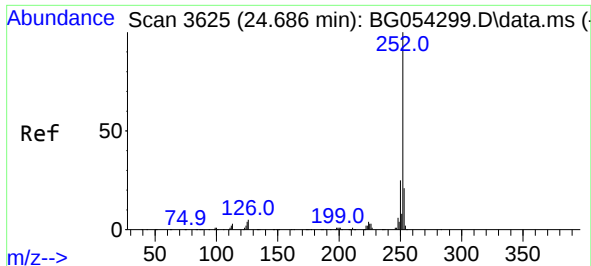
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#88
Benzo(b)fluoranthene
Concen: 5.678 ng m
RT: 23.819 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

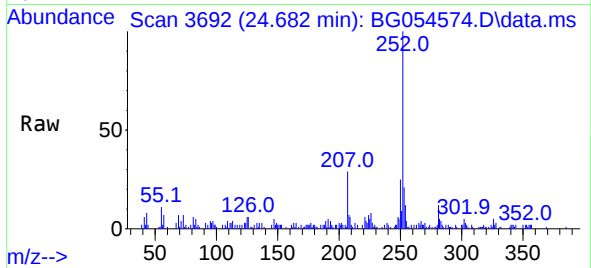
Tgt Ion:252 Resp: 53618
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 5.4 4.6 6.8





#90
Benzo(a)pyrene
Concen: 5.460 ng
RT: 24.682 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG054574.D
Acq: 9 Aug 2022 17:55

Instrument :
BNA_G
ClientSampleId :
RVE-194



Tgt Ion:252 Resp: 44029
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.2 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

