

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054538.D
 Acq On : 5 Aug 2022 16:52
 Operator : CG/JU
 Sample : N3960-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-154

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 05:40:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	16489	20.00	ng	-0.01
21) Naphthalene-d8	10.785	136	68802	20.00	ng	#-0.01
39) Acenaphthene-d10	14.615	164	53909	20.00	ng	0.00
64) Phenanthrene-d10	17.365	188	131083	20.00	ng	# 0.00
76) Chrysene-d12	21.631	240	141067	20.00	ng	# 0.00
86) Perylene-d12	24.833	264	150361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	90721	114.87	ng	0.00
7) Phenol-d6	7.177	99	126857	117.23	ng	0.00
23) Nitrobenzene-d5	9.139	82	86094	68.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	109632	96.86	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	245582	64.26	ng	-0.01
79) Terphenyl-d14	19.974	244	409878	57.64	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.406	178	35678	5.47	ng	99
75) Fluoranthene	19.416	202	54759	6.15	ng	97
78) Pyrene	19.780	202	84557	10.45	ng	99
81) Benzo(a)anthracene	21.613	228	37870	4.23	ng	97
83) Chrysene	21.672	228	37305	4.41	ng	97
88) Benzo(b)fluoranthene	23.822	252	40474	4.55	ng	95
90) Benzo(a)pyrene	24.686	252	32804	4.32	ng	98

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

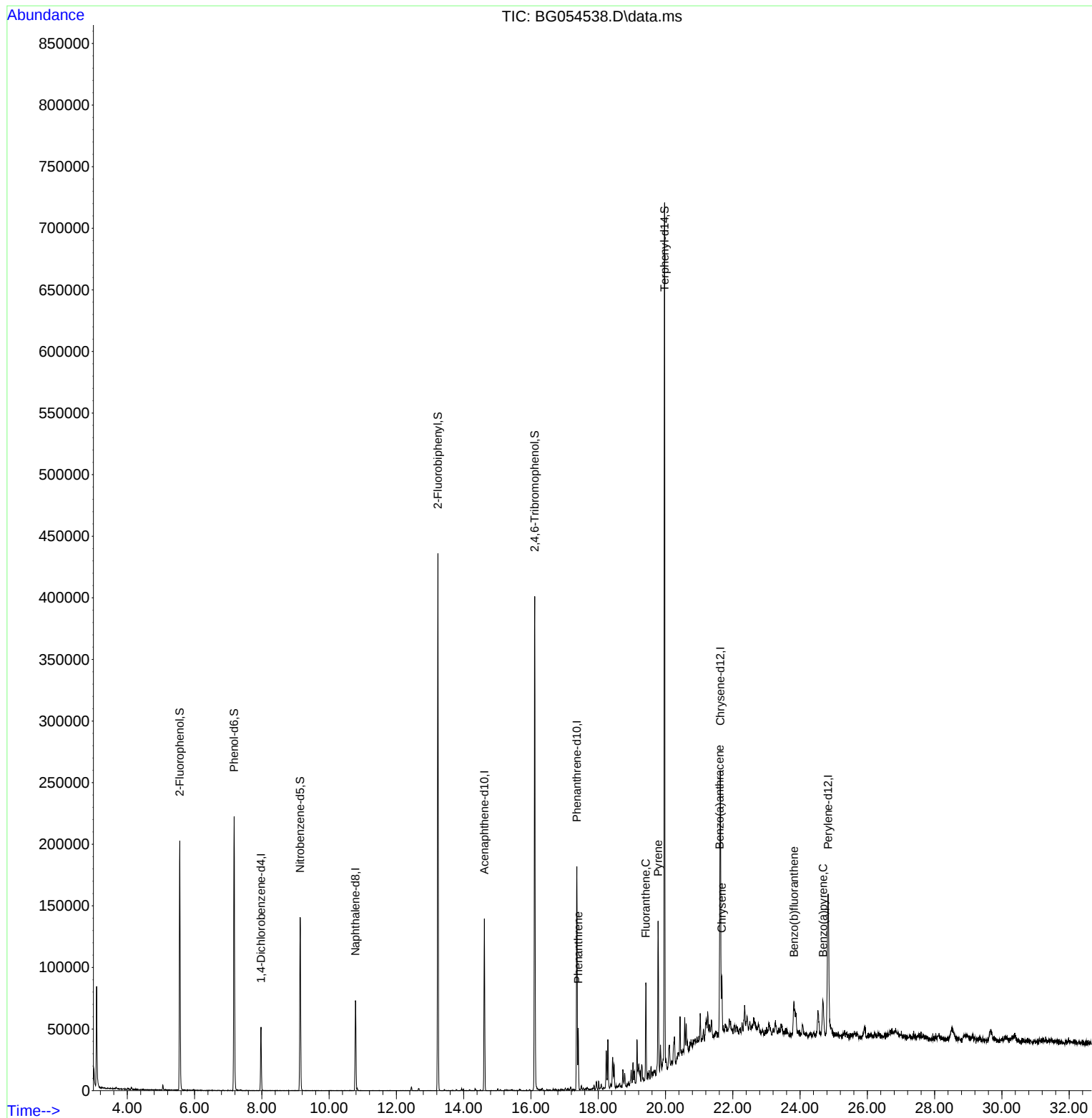
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054538.D
Acq On : 5 Aug 2022 16:52
Operator : CG/JU
Sample : N3960-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

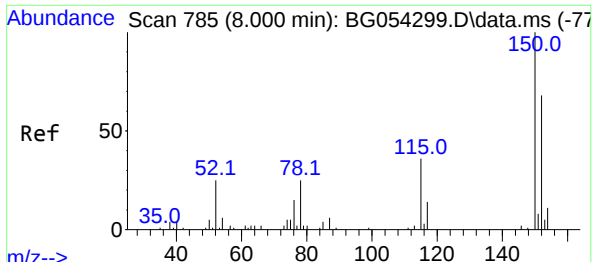
Instrument :
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RVE-154

Quant Time: Aug 06 05:40:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

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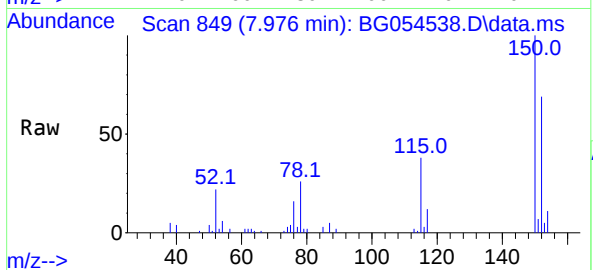
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.976 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

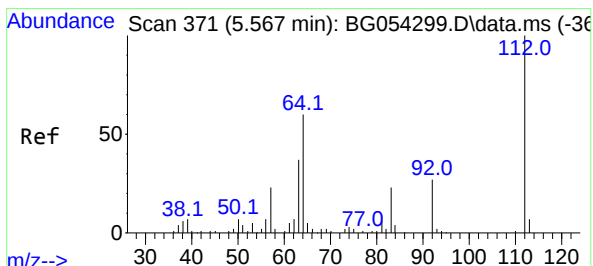
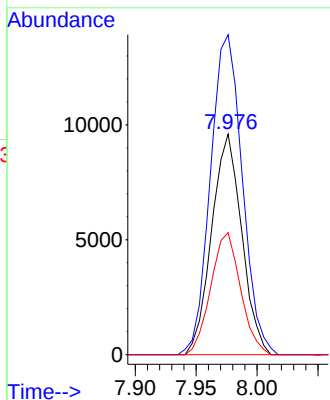
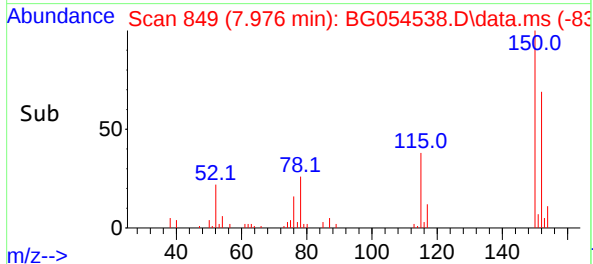
Instrument :
BNA_G
ClientSampleId :
RVE-154



Tgt Ion:152 Resp: 16489
Ion Ratio Lower Upper
152 100
150 145.0 131.6 197.4
115 55.3 50.9 76.3

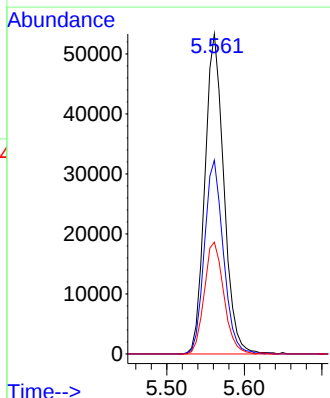
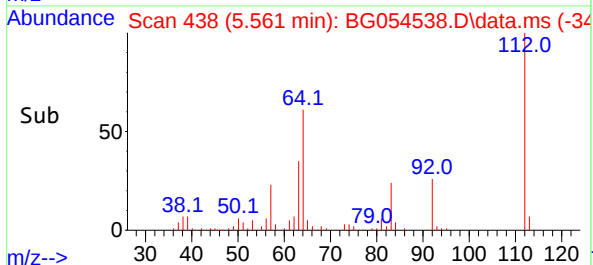
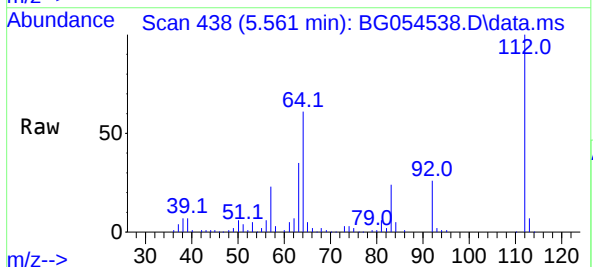
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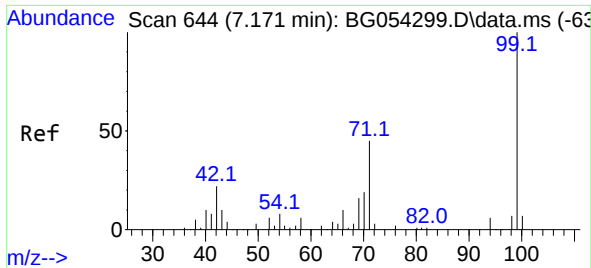
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 114.87 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

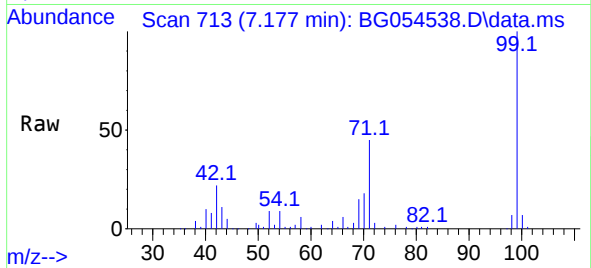
Tgt Ion:112 Resp: 90721
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 34.9 30.4 45.6





#7
Phenol-d6
Concen: 117.23 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

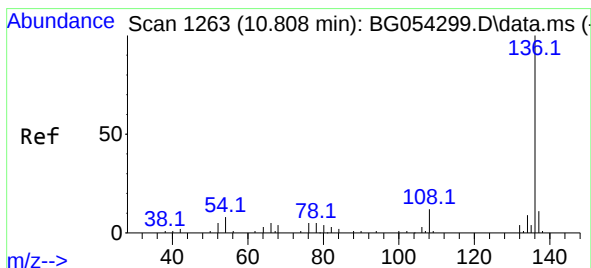
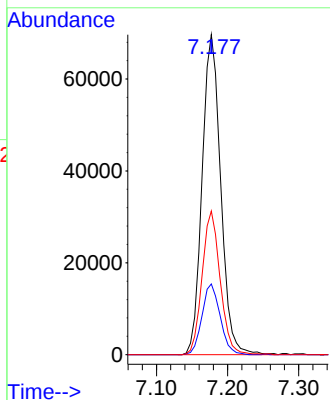
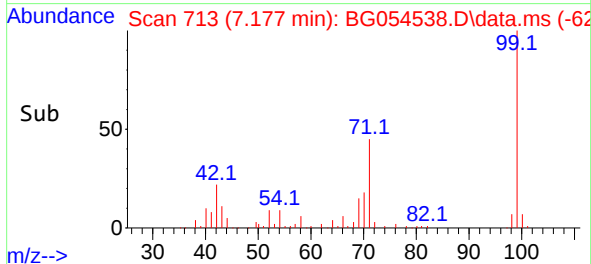
Instrument :
BNA_G
ClientSampleId :
RVE-154



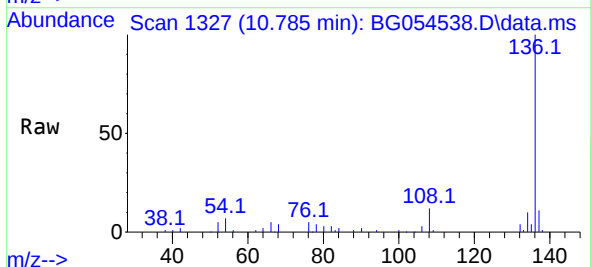
Tgt Ion: 99 Resp: 12685
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 44.9 33.8 50.8

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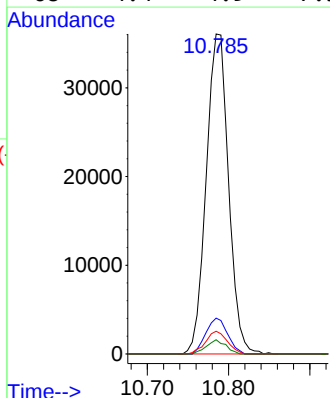
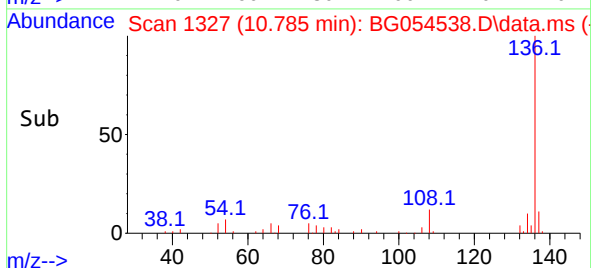
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

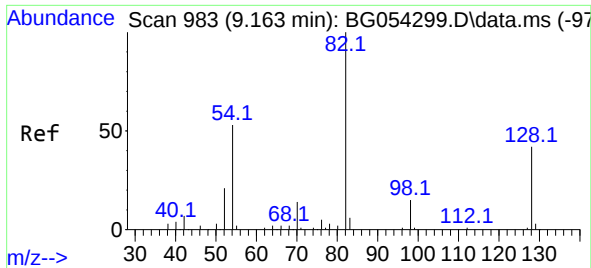


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52



Tgt Ion:136 Resp: 68802
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.1 7.4 11.2#
68 4.4 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 68.14 ng
RT: 9.139 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

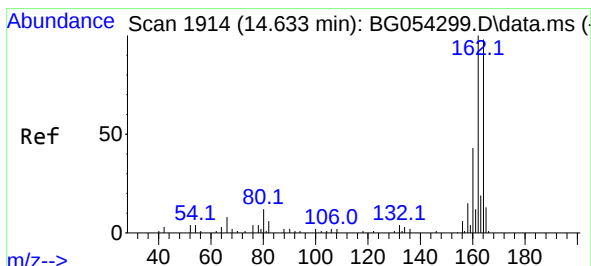
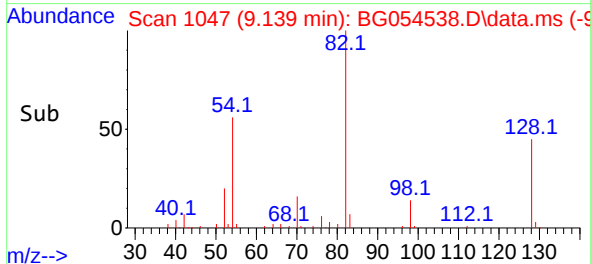
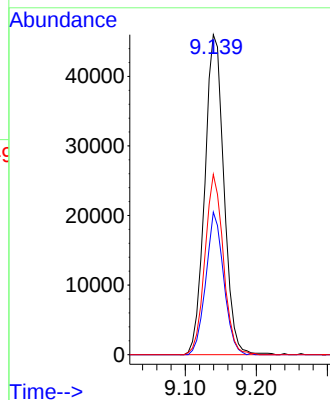
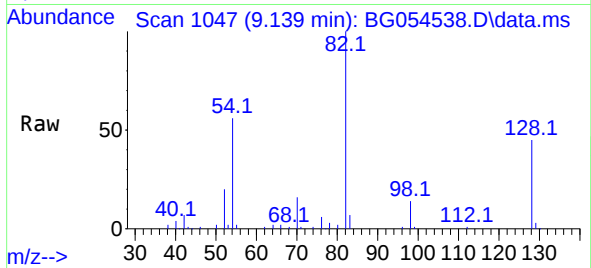
RVE-154

Tgt Ion: 82 Resp: 86094
Ion Ratio Lower Upper
82 100
128 44.5 27.9 41.9
54 56.4 41.2 61.8

Manual Integrations

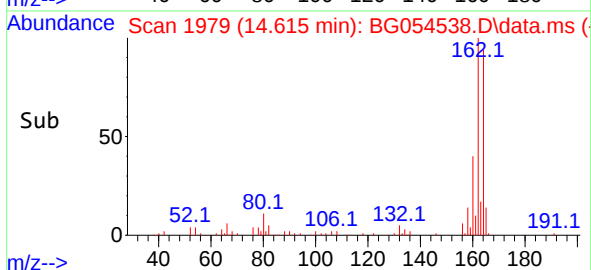
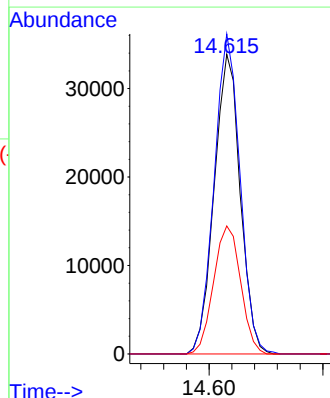
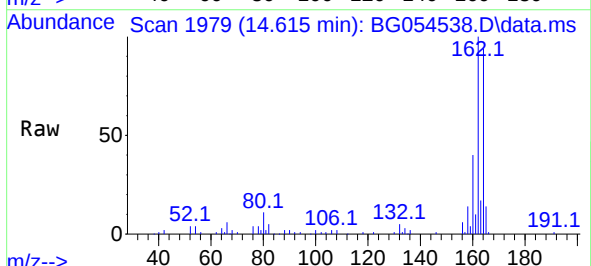
APPROVED

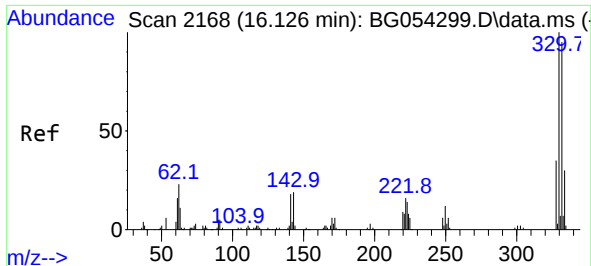
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

Tgt Ion:164 Resp: 53909
Ion Ratio Lower Upper
164 100
162 106.8 82.3 123.5
160 42.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 96.86 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

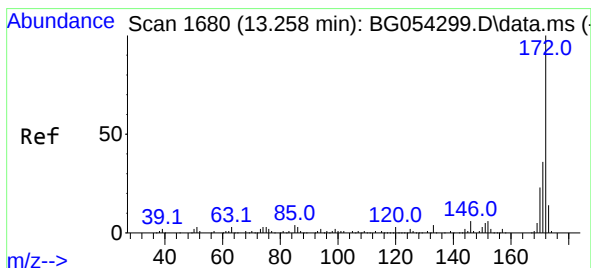
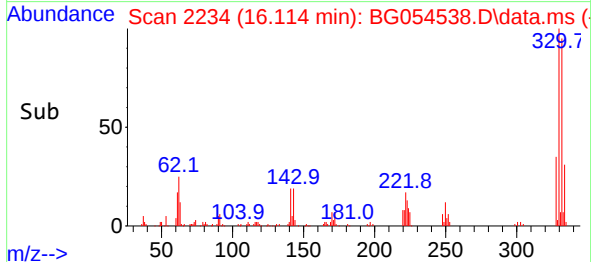
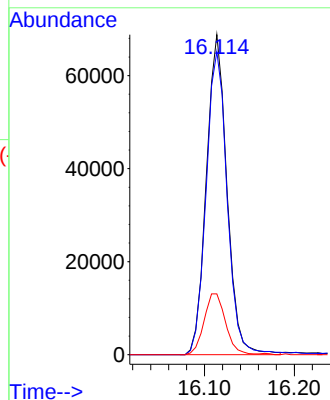
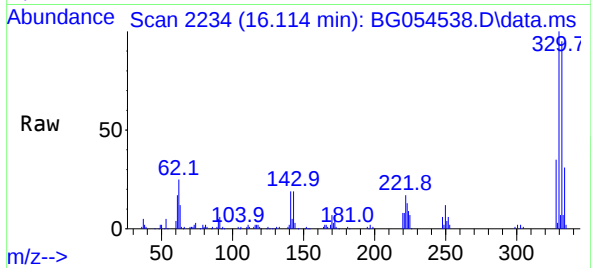
RVE-154

Tgt Ion:330 Resp: 109632
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 19.8 27.1 40.7

Manual Integrations

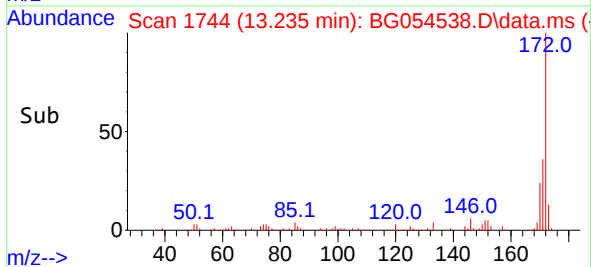
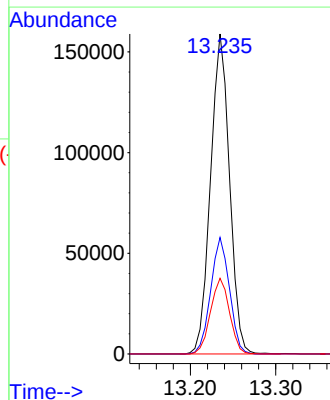
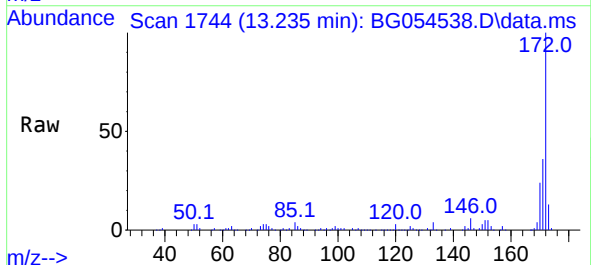
APPROVED

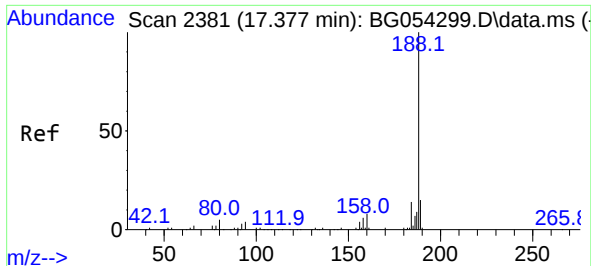
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#45
2-Fluorobiphenyl
Concen: 64.26 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

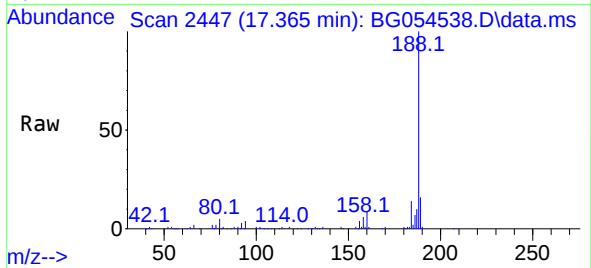
Tgt Ion:172 Resp: 245582
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

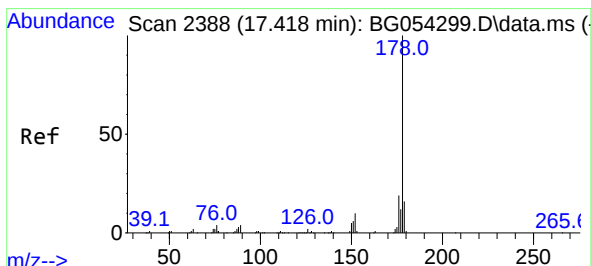
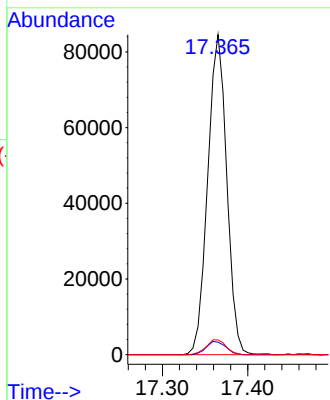
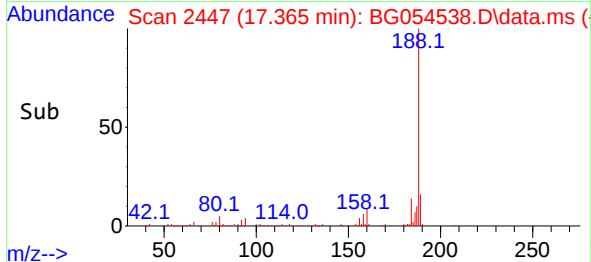
Instrument :
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RVE-154



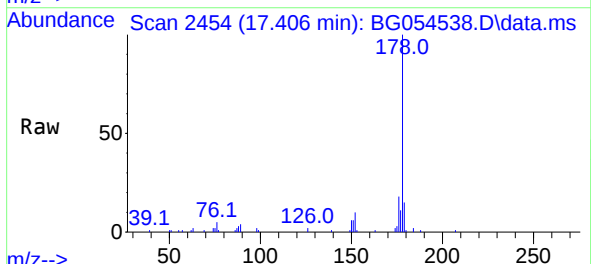
Tgt Ion:188 Resp: 131083
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.6 6.8 10.2

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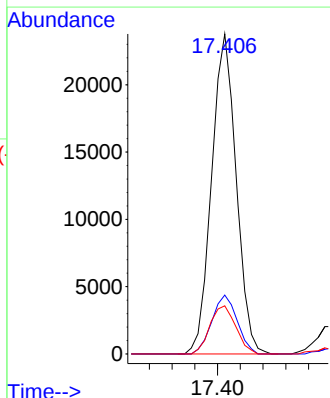
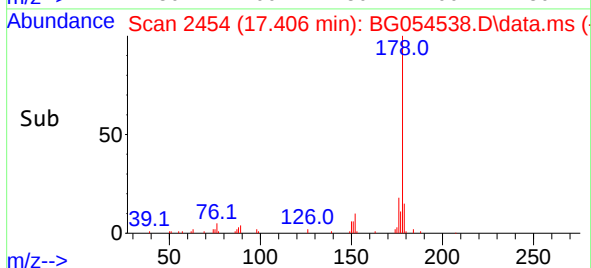
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

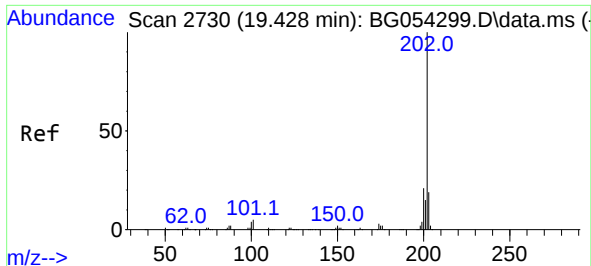


#71
Phenanthrene
Concen: 5.47 ng
RT: 17.406 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52



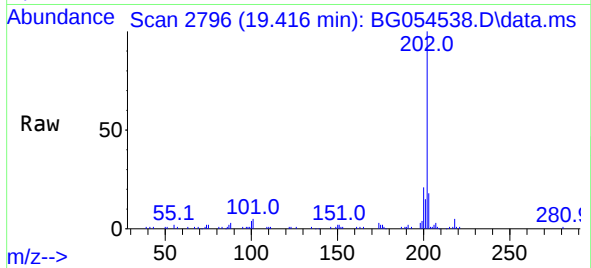
Tgt Ion:178 Resp: 35678
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 15.1 12.1 18.1





#75
Fluoranthene
Concen: 6.15 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

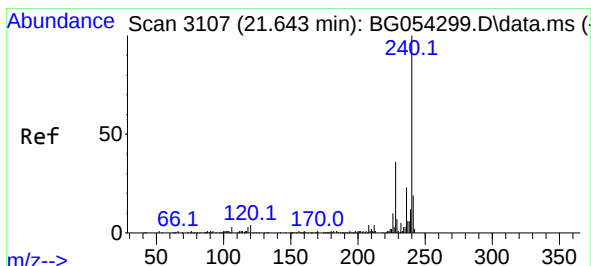
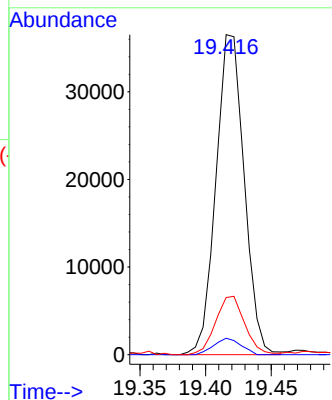
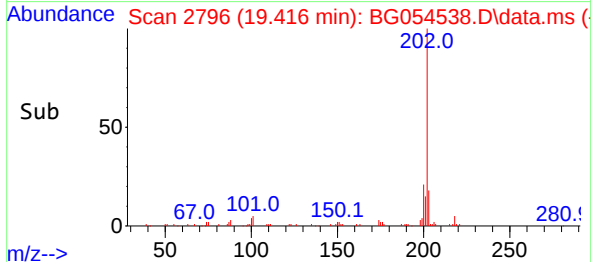
Instrument :
BNA_G
ClientSampleId :
RVE-154



Tgt Ion:202 Resp: 5475
Ion Ratio Lower Upper
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101 5.1 0.0 26.9
203 17.9 0.0 37.2

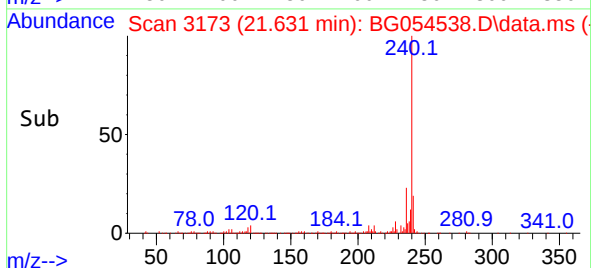
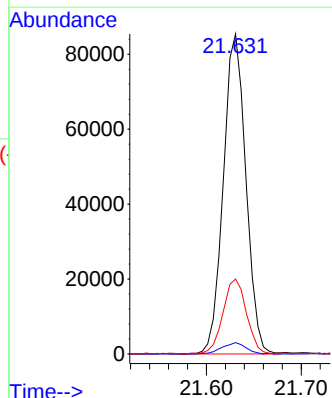
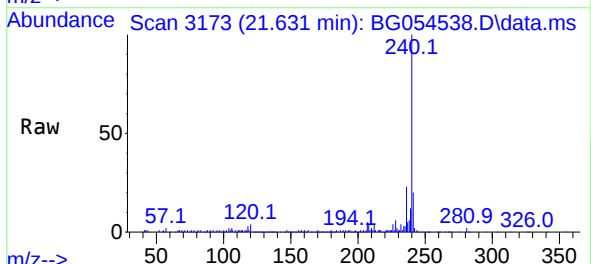
Manual Integrations
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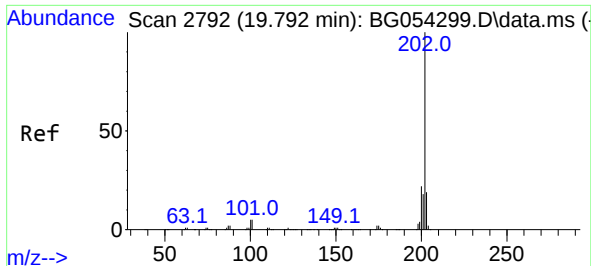
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

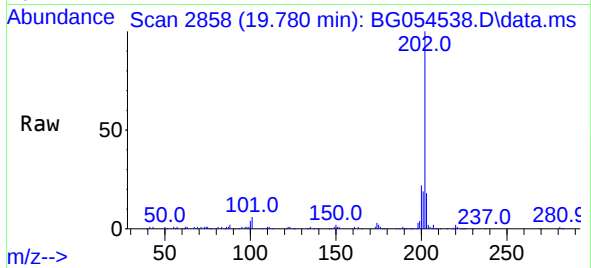
Tgt Ion:240 Resp: 141067
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.4 20.2 30.4





#78
Pyrene
Concen: 10.45 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

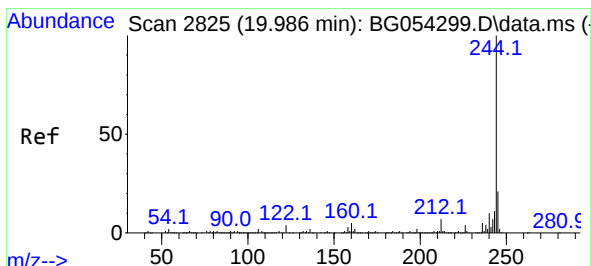
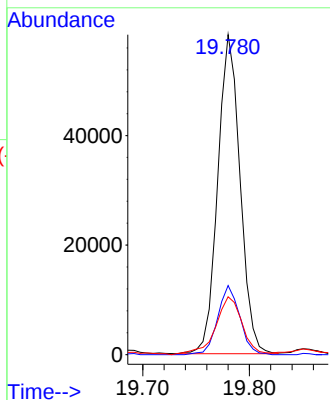
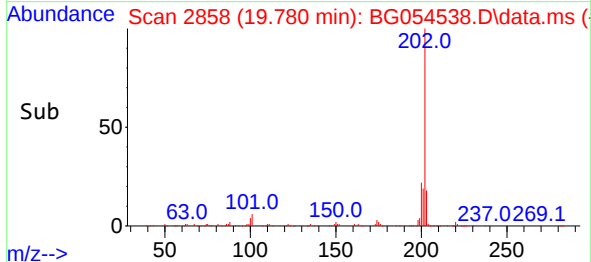
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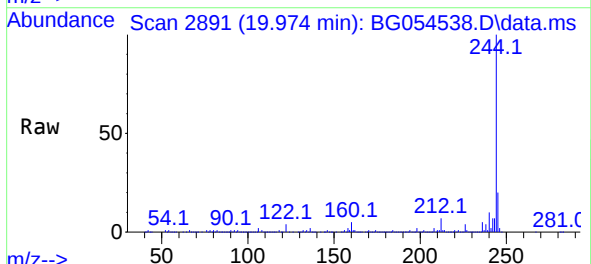
Tgt Ion:202 Resp: 8455
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 18.1 14.6 21.8

Manual Integrations
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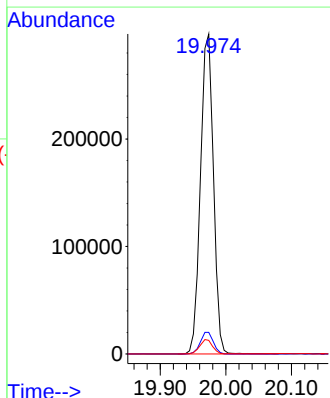
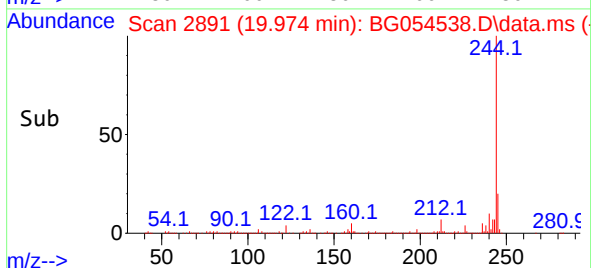
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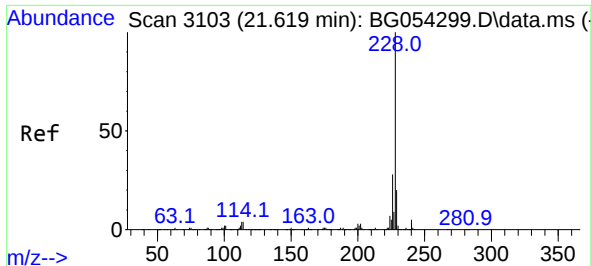


#79
Terphenyl-d14
Concen: 57.64 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52



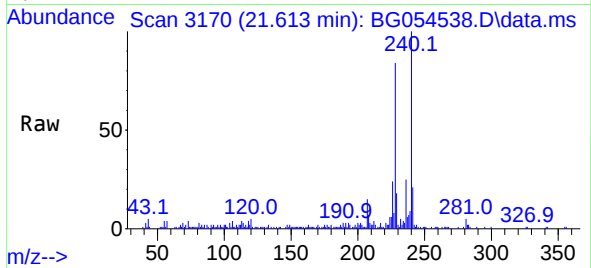
Tgt Ion:244 Resp: 409878
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 4.2 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 4.23 ng
RT: 21.613 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

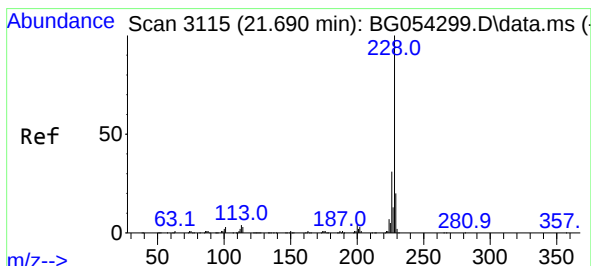
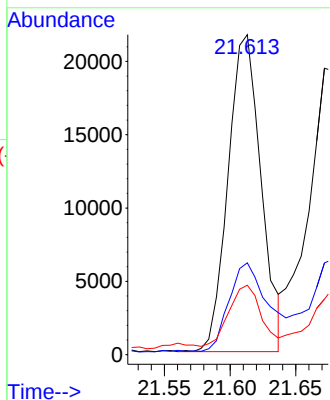
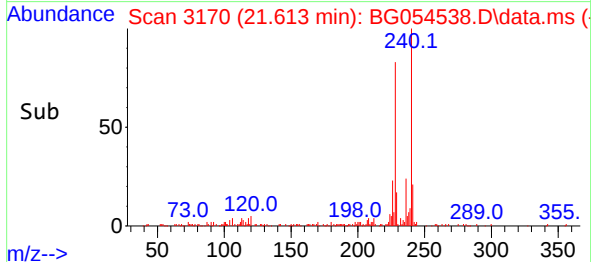
Instrument :
BNA_G
ClientSampleId :
RVE-154



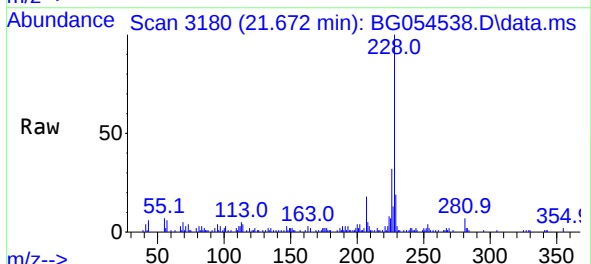
Tgt Ion:228 Resp: 37870
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 21.7 16.2 24.2

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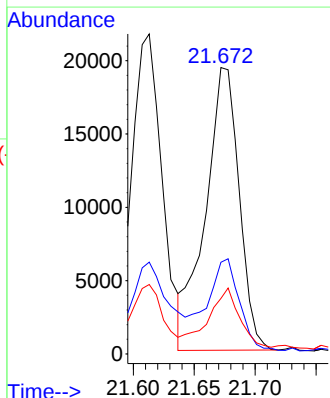
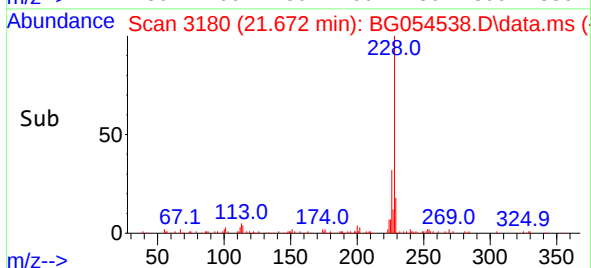
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

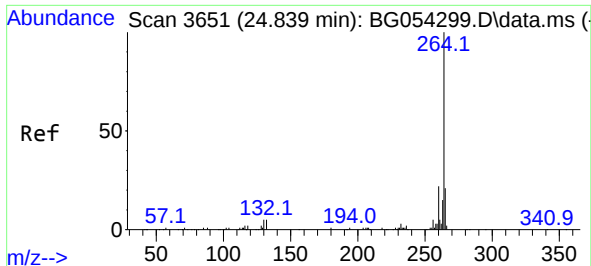


#83
Chrysene
Concen: 4.41 ng
RT: 21.672 min Scan# 3180
Delta R.T. -0.012 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52



Tgt Ion:228 Resp: 37305
Ion Ratio Lower Upper
228 100
226 32.0 23.4 35.2
229 19.4 15.5 23.3





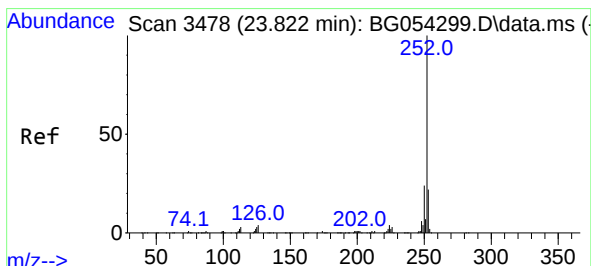
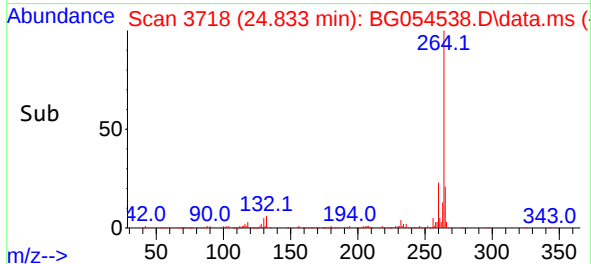
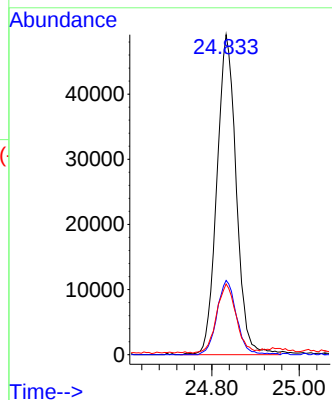
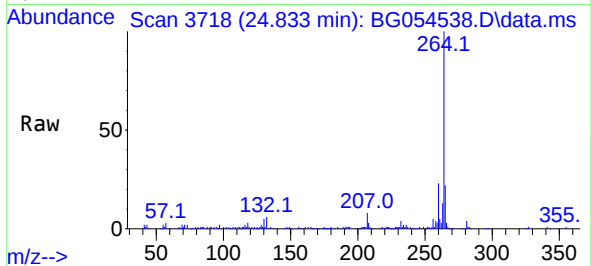
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

Instrument :
BNA_G
ClientSampleId :
RVE-154

Tgt Ion:264 Resp: 15036
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 22.1 17.4 26.2

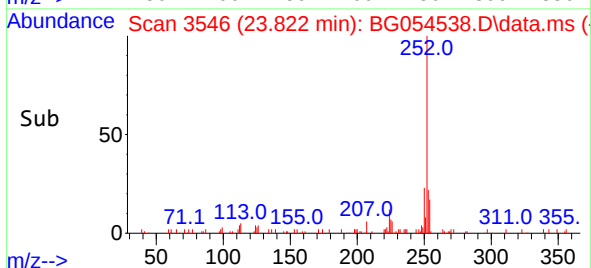
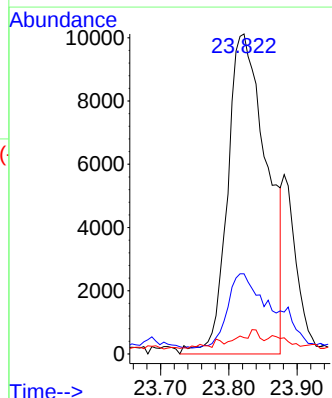
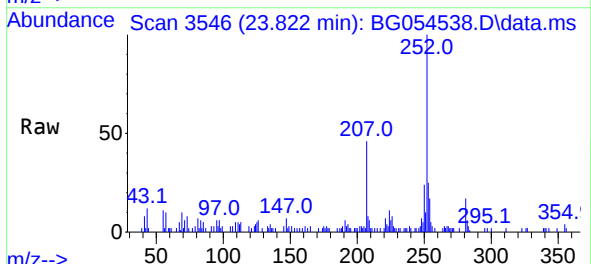
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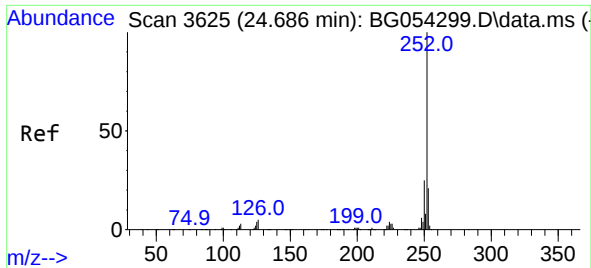
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 4.55 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

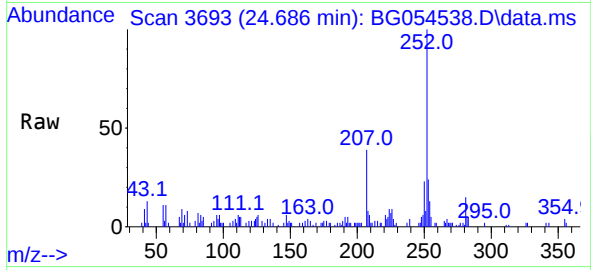
Tgt Ion:252 Resp: 40474
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 5.1 4.6 6.8





#90
Benzo(a)pyrene
Concen: 4.32 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG054538.D
Acq: 5 Aug 2022 16:52

Instrument :
BNA_G
ClientSampleId :
RVE-154



Tgt Ion:252 Resp: 32804
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 5.5 4.3 6.5

Manual Integrations
APPROVED

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

