

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054501.D
 Acq On : 3 Aug 2022 16:00
 Operator : CG/JU
 Sample : N3935-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-139

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 00:43:54 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	7.982	152	16925	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	65852	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	52058	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	128359	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	145641	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	156606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	82239	101.451	ng	0.00
7) Phenol-d6	7.183	99	112878	101.622	ng	0.01
23) Nitrobenzene-d5	9.145	82	77574	64.151	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	106356	97.304	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	234759	63.616	ng	0.00
79) Terphenyl-d14	19.973	244	477350	65.021	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	42812	4.913	ng	94
78) Pyrene	19.785	202	54452	6.516	ng	99
81) Benzo(a)anthracene	21.613	228	25688	2.779	ng	99
83) Chrysene	21.677	228	34903	3.996	ng	93
88) Benzo(b)fluoranthene	23.822	252	35304m	3.812	ng	
90) Benzo(a)pyrene	24.686	252	27002	3.414	ng	99

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

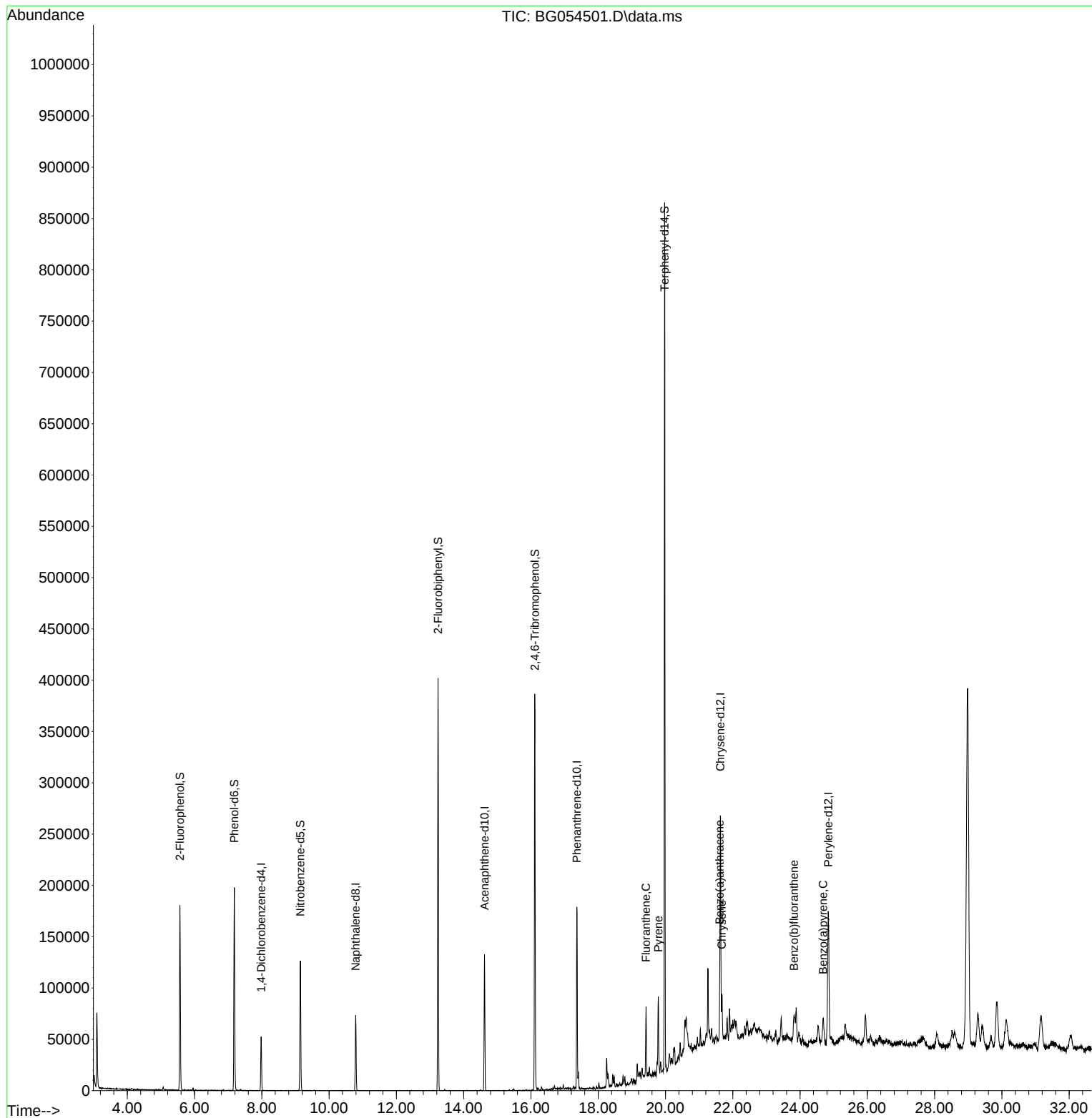
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054501.D
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Operator : CG/JU
Sample : N3935-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

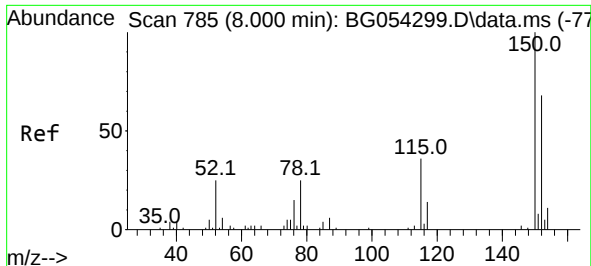
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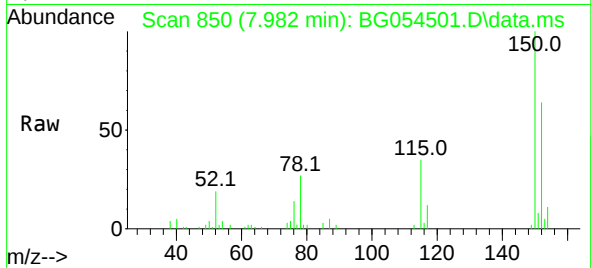
Quant Time: Aug 04 00:43:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

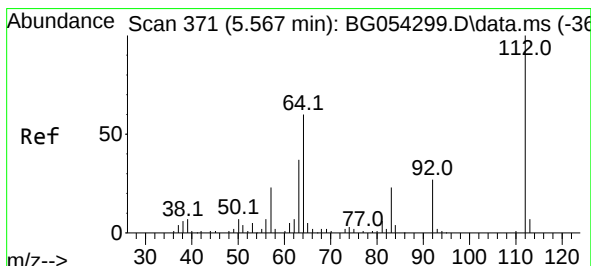
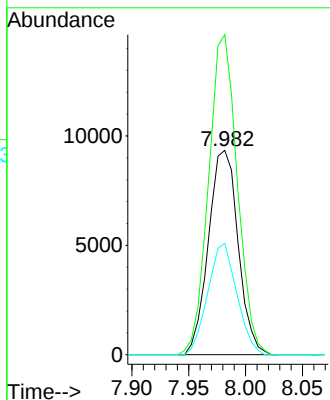
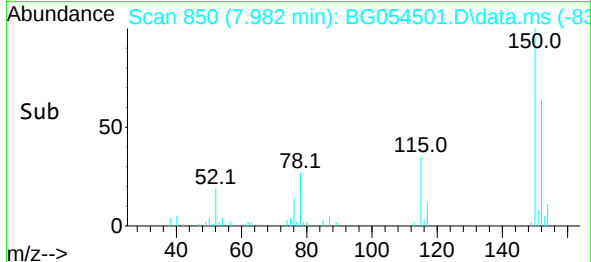
Instrument :
BNA_G
ClientSampleId :
RVE-139



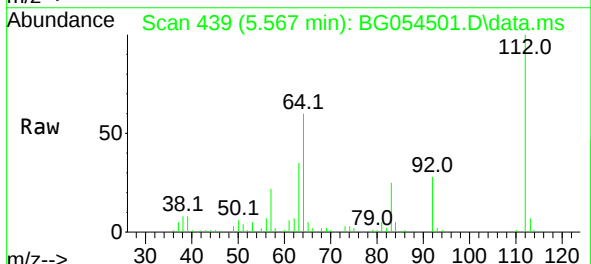
Tgt Ion:152 Resp: 1692
Ion Ratio Lower Upper
152 100
150 156.7 131.6 197.4
115 54.6 50.9 76.3

Manual Integrations
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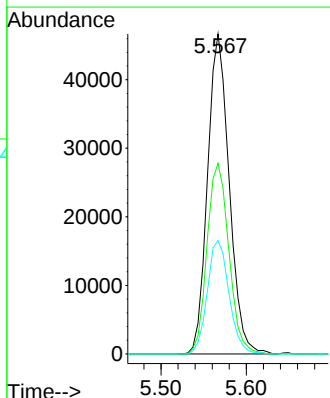
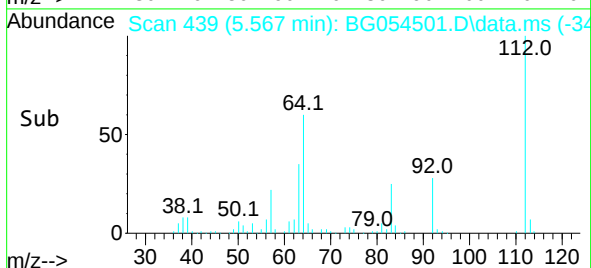
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

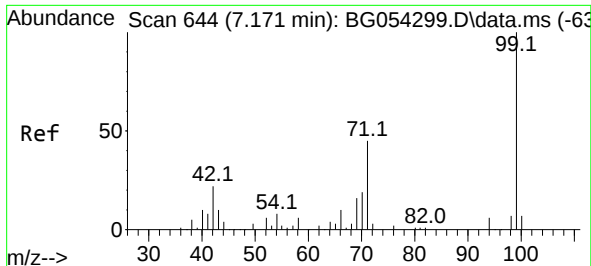


#5
2-Fluorophenol
Concen: 101.451 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00



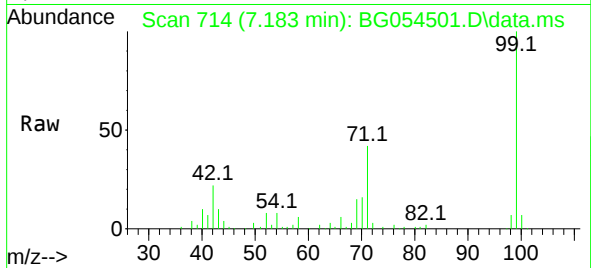
Tgt Ion:112 Resp: 82239
Ion Ratio Lower Upper
112 100
64 59.6 55.1 82.7
63 35.4 30.4 45.6





#7
Phenol-d6
Concen: 101.622 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

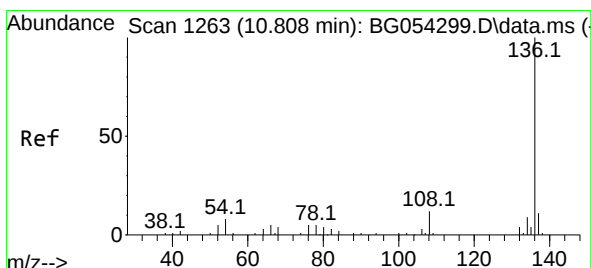
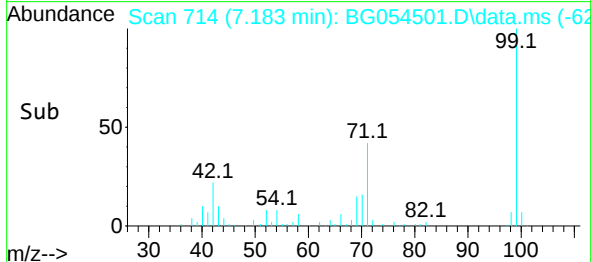
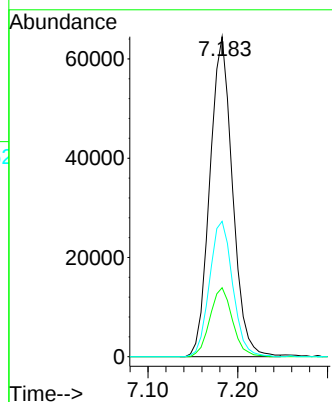
Instrument :
BNA_G
ClientSampleId :
RVE-139



Tgt Ion: 99 Resp: 112878
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 42.3 33.8 50.8

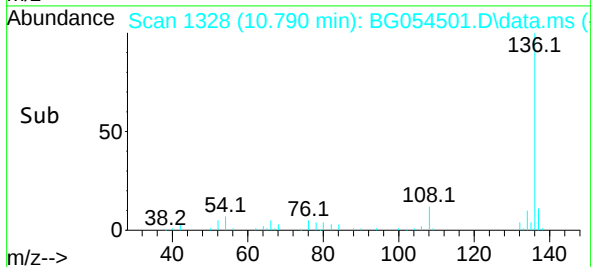
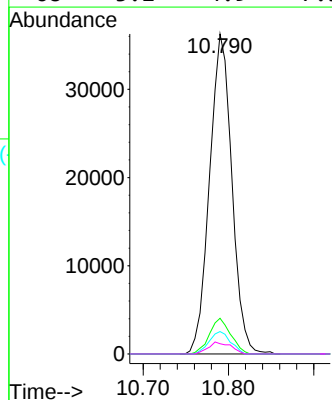
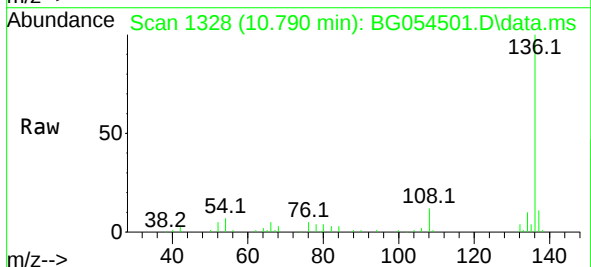
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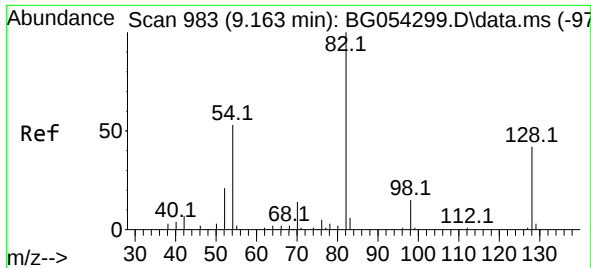
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

Tgt Ion:136 Resp: 65852
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.0 7.4 11.2#
68 3.2 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 64.151 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

Instrument :

BNA_G

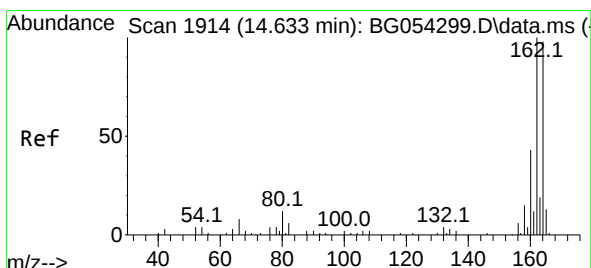
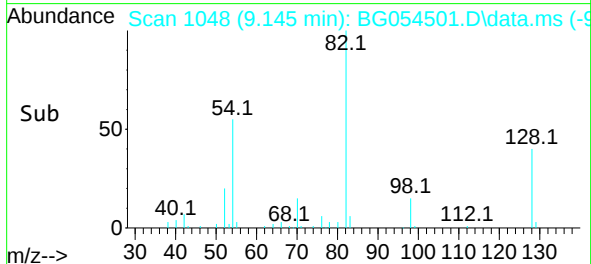
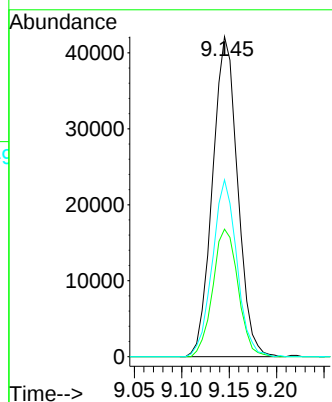
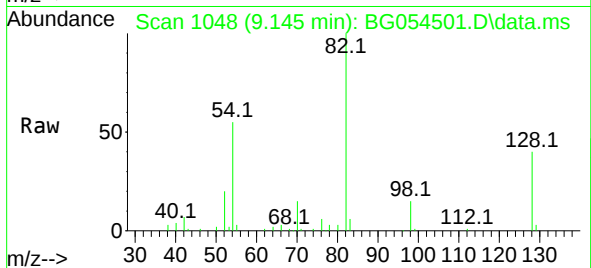
ClientSampleId :

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Tgt Ion: 82 Resp: 77574
Ion Ratio Lower Upper
82 100
128 39.9 27.9 41.9
54 55.2 41.2 61.8

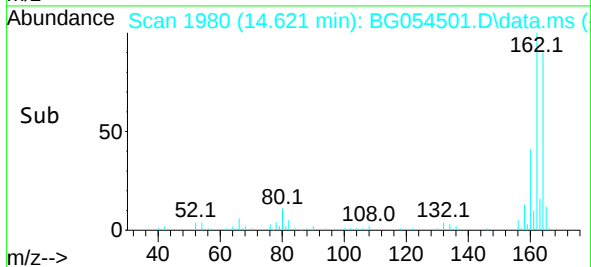
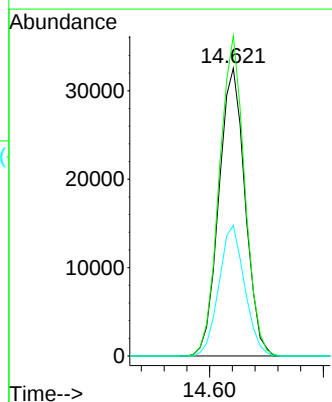
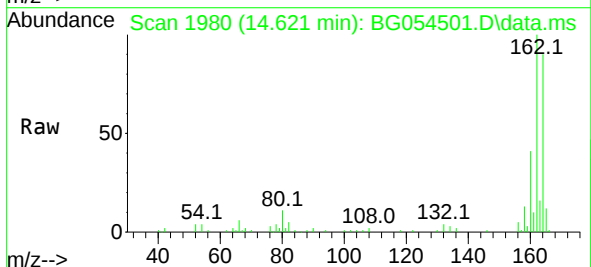
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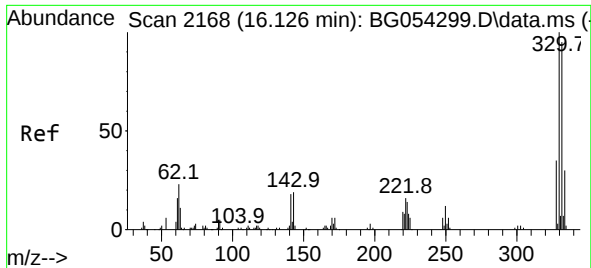
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

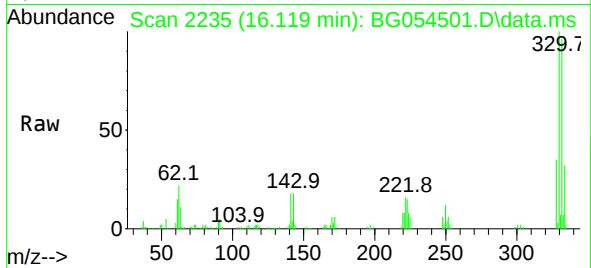
Tgt Ion:164 Resp: 52058
Ion Ratio Lower Upper
164 100
162 111.3 82.3 123.5
160 45.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 97.304 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

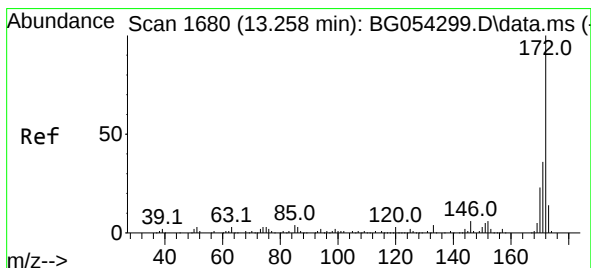
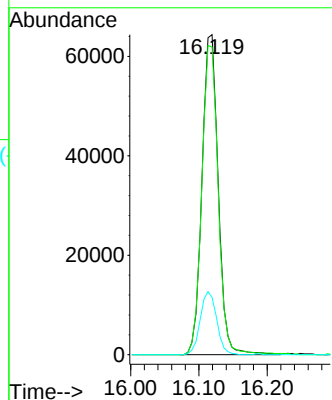
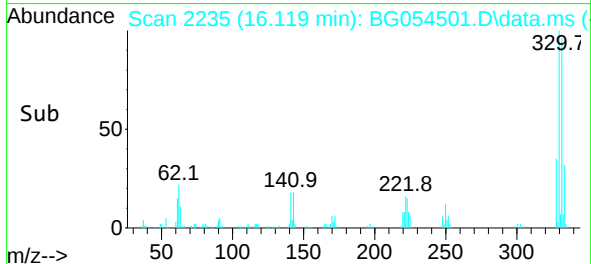
Instrument :
BNA_G
ClientSampleId :
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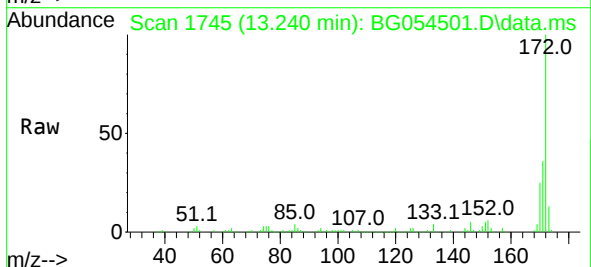
Tgt Ion:330 Resp: 106350
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 19.9 27.1 40.7

Manual Integrations
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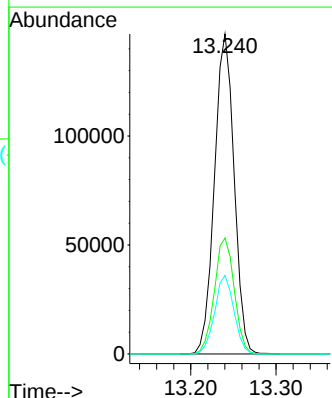
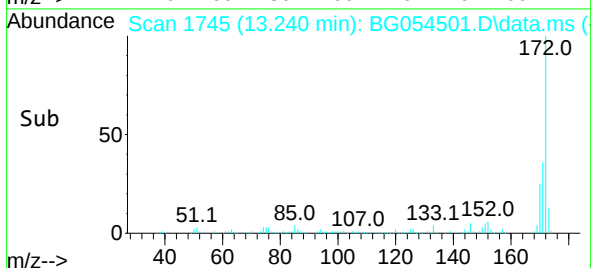
Reviewed By :Christian Giraldo 08/04/2022
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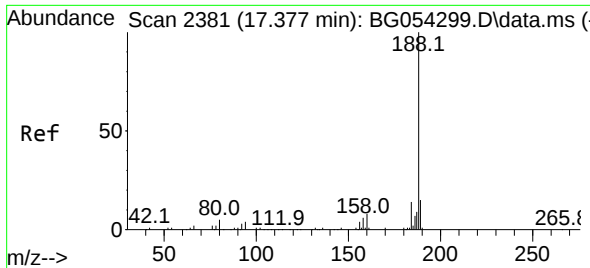


#45
2-Fluorobiphenyl
Concen: 63.616 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00



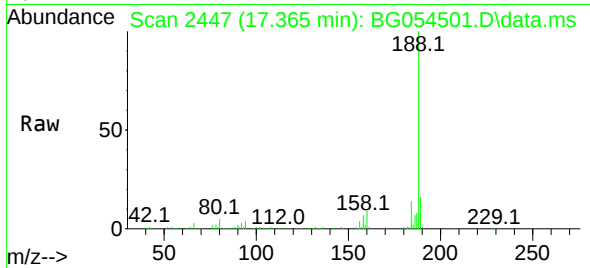
Tgt Ion:172 Resp: 234759
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

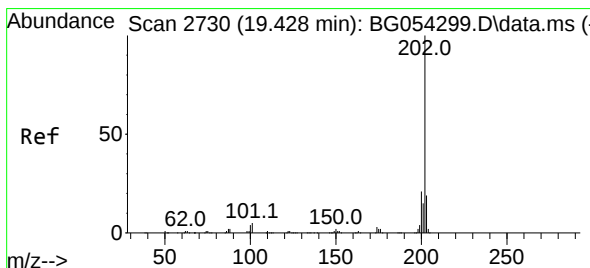
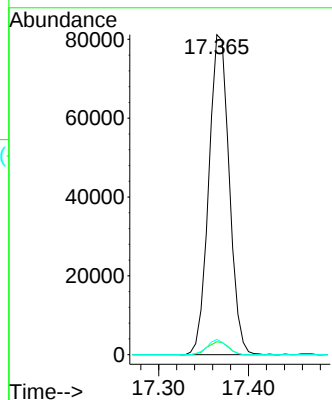
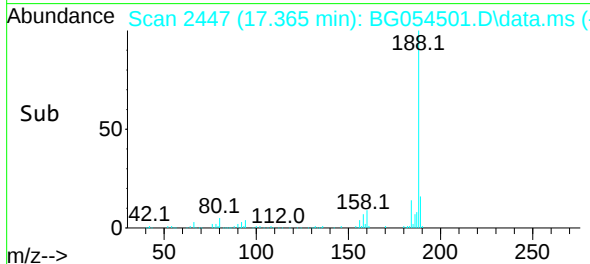
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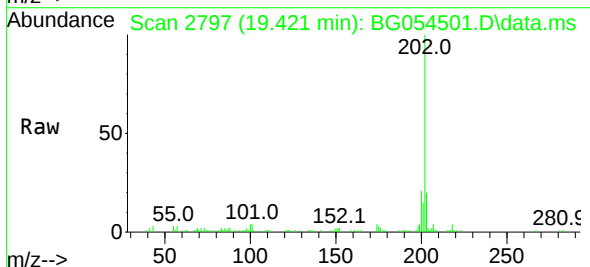
Tgt Ion:188 Resp: 12835
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 4.7 6.8 10.2

Manual Integrations
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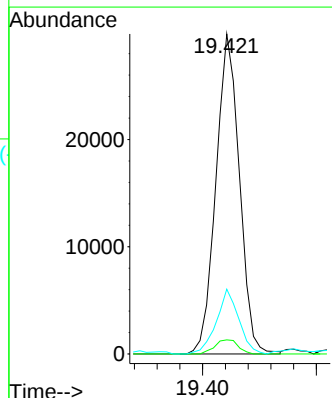
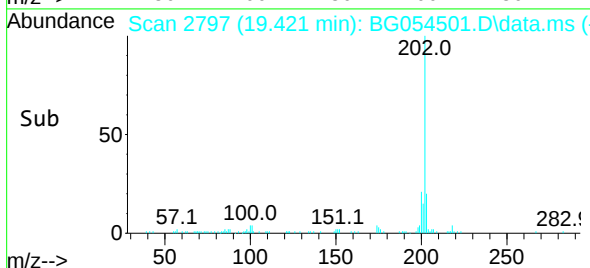
Reviewed By :Christian Giraldo 08/04/2022
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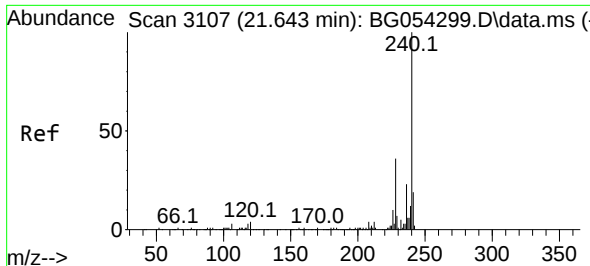


#75
Fluoranthene
Concen: 4.913 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00



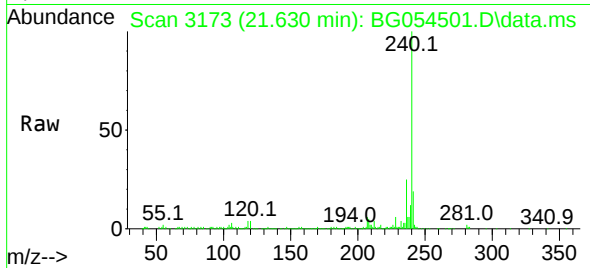
Tgt Ion:202 Resp: 42812
Ion Ratio Lower Upper
202 100
101 5.5 0.0 26.9
203 20.2 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3107
Delta R.T. -0.007 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00

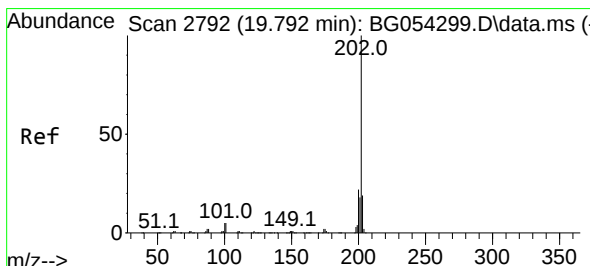
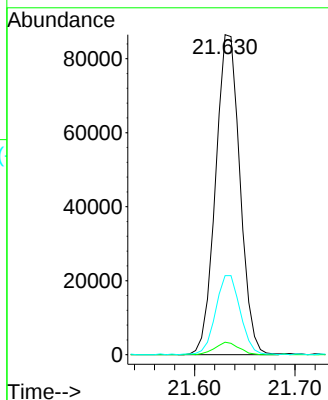
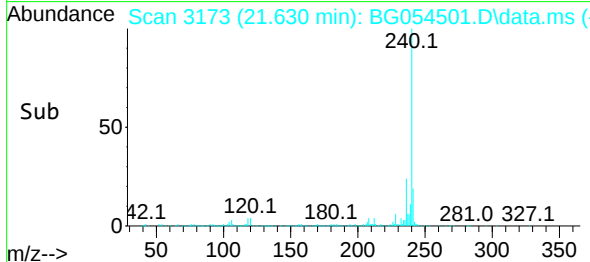
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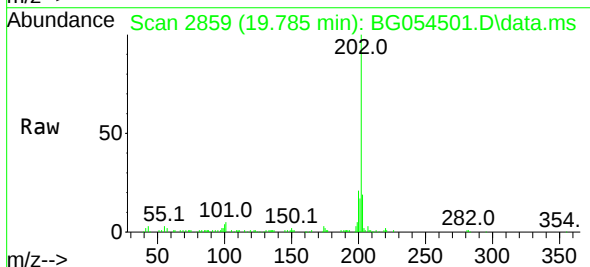
Tgt Ion:240 Resp: 14564
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0
236 24.7 20.2 30.4

Manual Integrations
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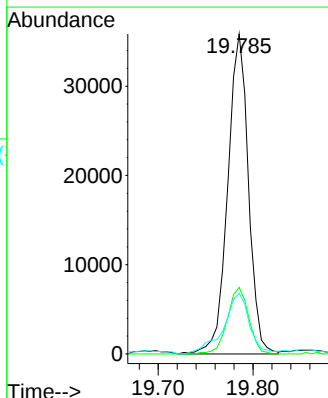
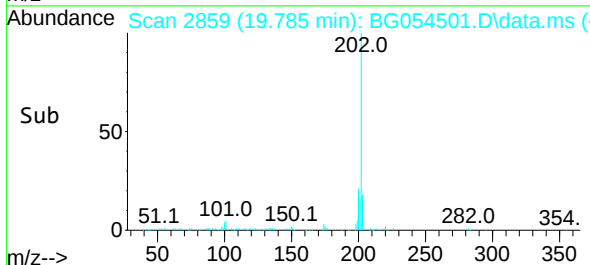
Reviewed By :Christian Giraldo 08/04/2022
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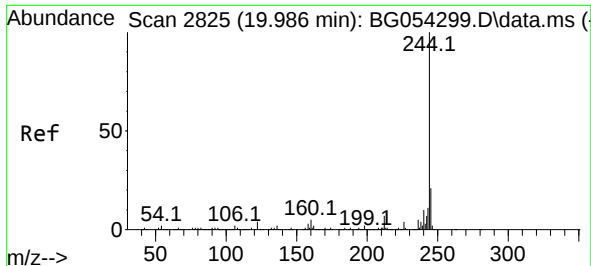


#78
Pyrene
Concen: 6.516 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054501.D
Acq: 3 Aug 2022 16:00



Tgt Ion:202 Resp: 54452
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.0 14.6 21.8





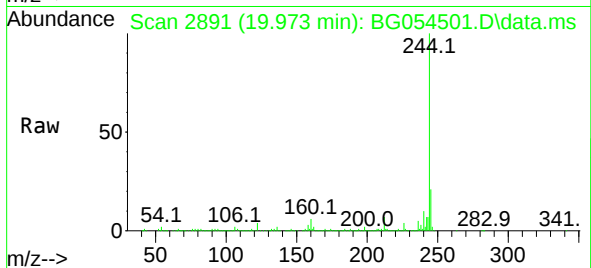
#79
 Terphenyl-d14
 Concen: 65.021 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054501.D
 Acq: 3 Aug 2022 16:00

Instrument :

BNA_G

ClientSampleId :

RVE-139

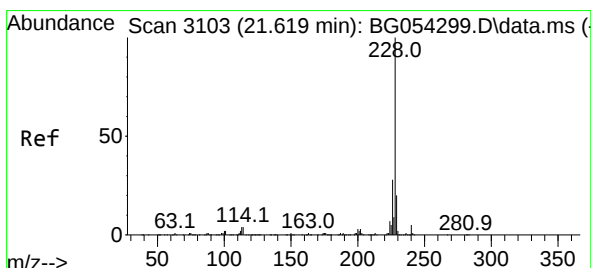
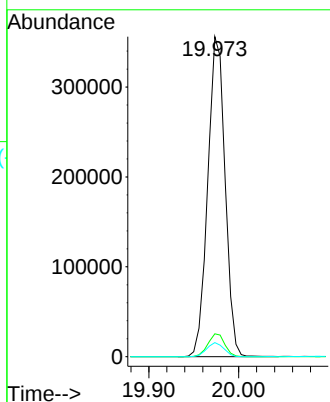
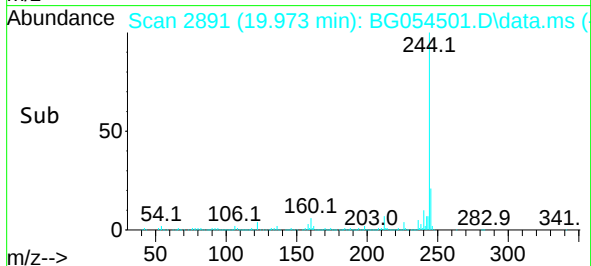


Tgt Ion:244 Resp: 477350
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.4 5.0 7.4

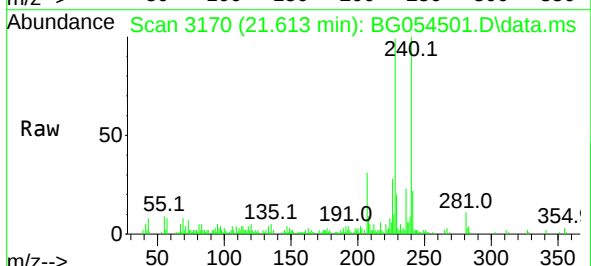
Manual Integrations

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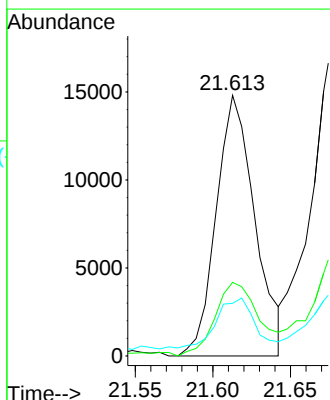
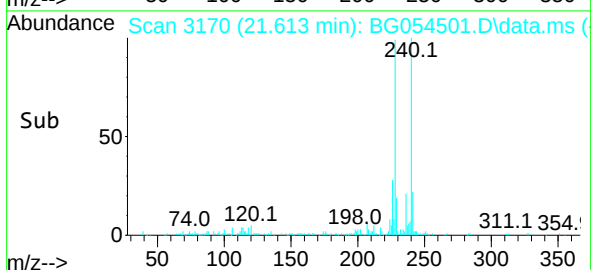
Reviewed By :Christian Giraldo 08/04/2022
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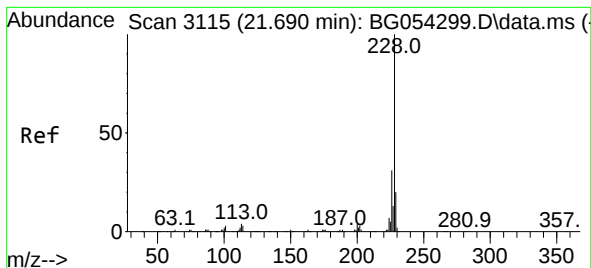


#81
 Benzo(a)anthracene
 Concen: 2.779 ng
 RT: 21.613 min Scan# 3170
 Delta R.T. -0.001 min
 Lab File: BG054501.D
 Acq: 3 Aug 2022 16:00



Tgt Ion:228 Resp: 25688
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.6 32.4
 229 20.2 16.2 24.2





#83

Chrysene

Concen: 3.996 ng

RT: 21.677 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG054501.D

Acq: 3 Aug 2022 16:00

Instrument :

BNA_G

ClientSampleId :

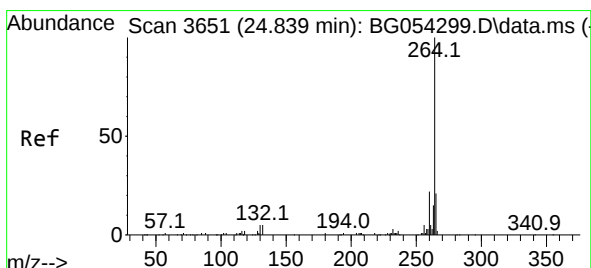
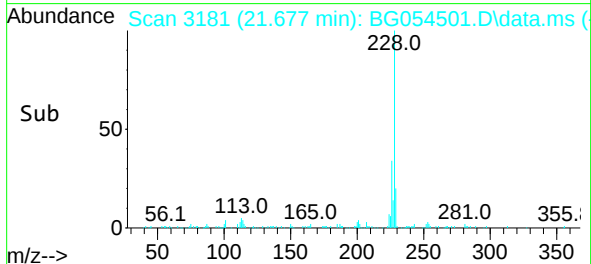
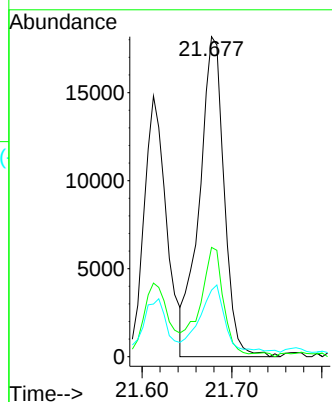
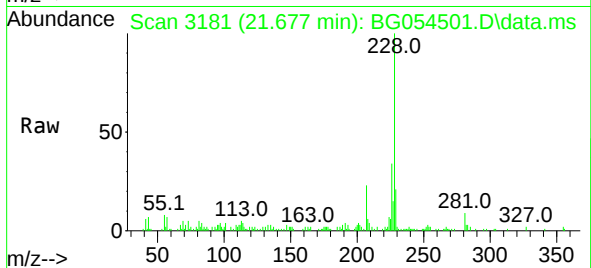
RVE-139

Tgt Ion:228	Resp:	3490
Ion Ratio	Lower	Upper
228	100	
226	34.1	23.4 35.2
229	20.8	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86

Perylene-d12

Concen: 20.000 ng

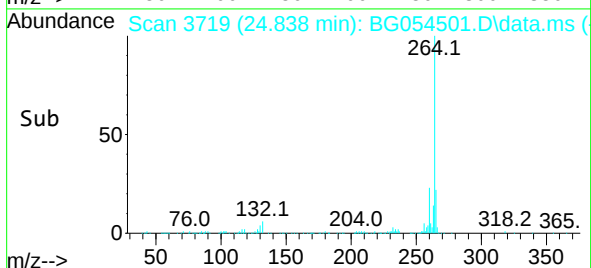
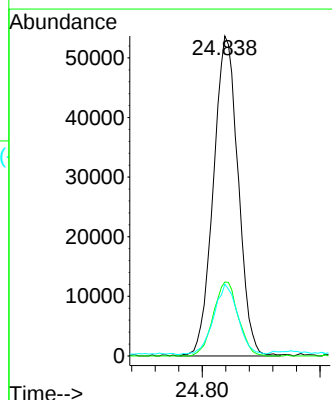
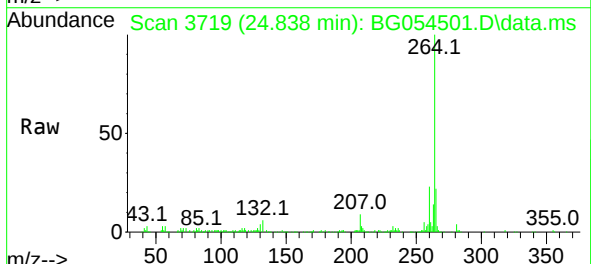
RT: 24.838 min Scan# 3719

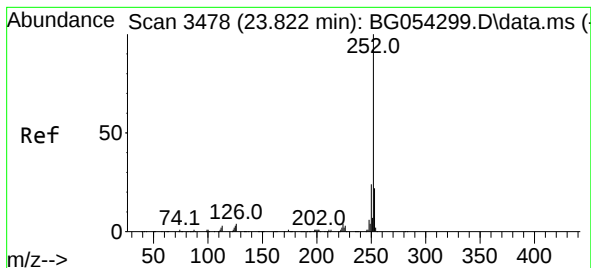
Delta R.T. 0.005 min

Lab File: BG054501.D

Acq: 3 Aug 2022 16:00

Tgt Ion:264	Resp:	156606
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.0 28.6
265	22.4	17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.812 ng m

RT: 23.822 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG054501.D

Acq: 3 Aug 2022 16:00

Instrument :

BNA_G

ClientSampleId :

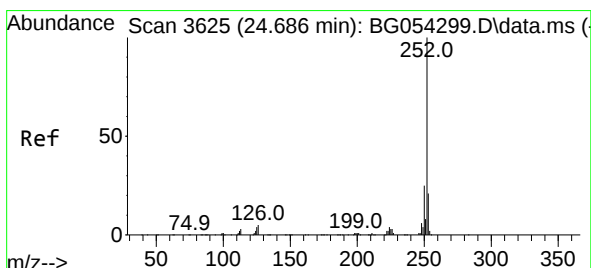
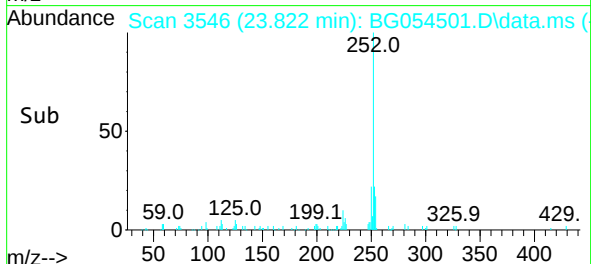
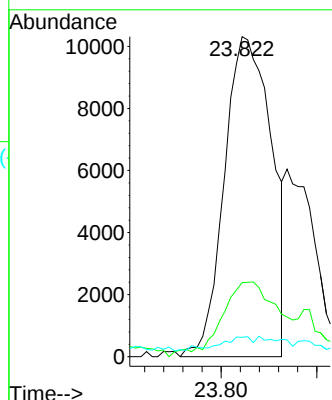
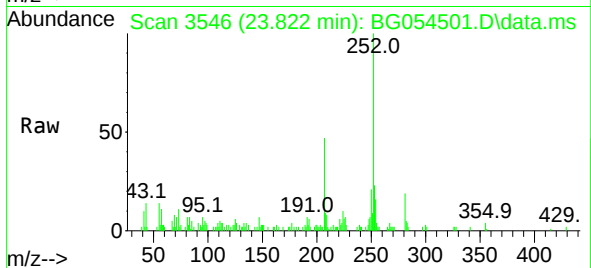
RVE-139

Tgt Ion:	252	Resp:	35304
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	6.0	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90

Benzo(a)pyrene

Concen: 3.414 ng

RT: 24.686 min Scan# 3693

Delta R.T. -0.001 min

Lab File: BG054501.D

Acq: 3 Aug 2022 16:00

Tgt Ion:	252	Resp:	27002
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	5.7	4.3	6.5

