

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
 Data File : BG054559.D
 Acq On : 8 Aug 2022 19:00
 Operator : CG/JU
 Sample : N3960-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-149

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 01:56:28 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	7.976	152	20566	20.00	ng	0.00
21) Naphthalene-d8	10.790	136	81280	20.00	ng	# 0.00
39) Acenaphthene-d10	14.615	164	62109	20.00	ng	0.00
64) Phenanthrene-d10	17.365	188	148684	20.00	ng	# 0.00
76) Chrysene-d12	21.630	240	160497	20.00	ng	# 0.00
86) Perylene-d12	24.850	264	168445	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	103961	105.54	ng	0.00
7) Phenol-d6	7.182	99	141624	104.93	ng	0.00
23) Nitrobenzene-d5	9.145	82	95672	64.10	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	120119	92.11	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	289671	65.79	ng	0.00
79) Terphenyl-d14	19.973	244	566646	70.04	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	37605	3.73	ng	96
78) Pyrene	19.785	202	58367	6.34	ng	99
81) Benzo(a)anthracene	21.613	228	30580m	3.00	ng	
83) Chrysene	21.677	228	35464	3.68	ng	96
88) Benzo(b)fluoranthene	23.822	252	41665m	4.18	ng	
90) Benzo(a)pyrene	24.697	252	36222	4.26	ng	# 96

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

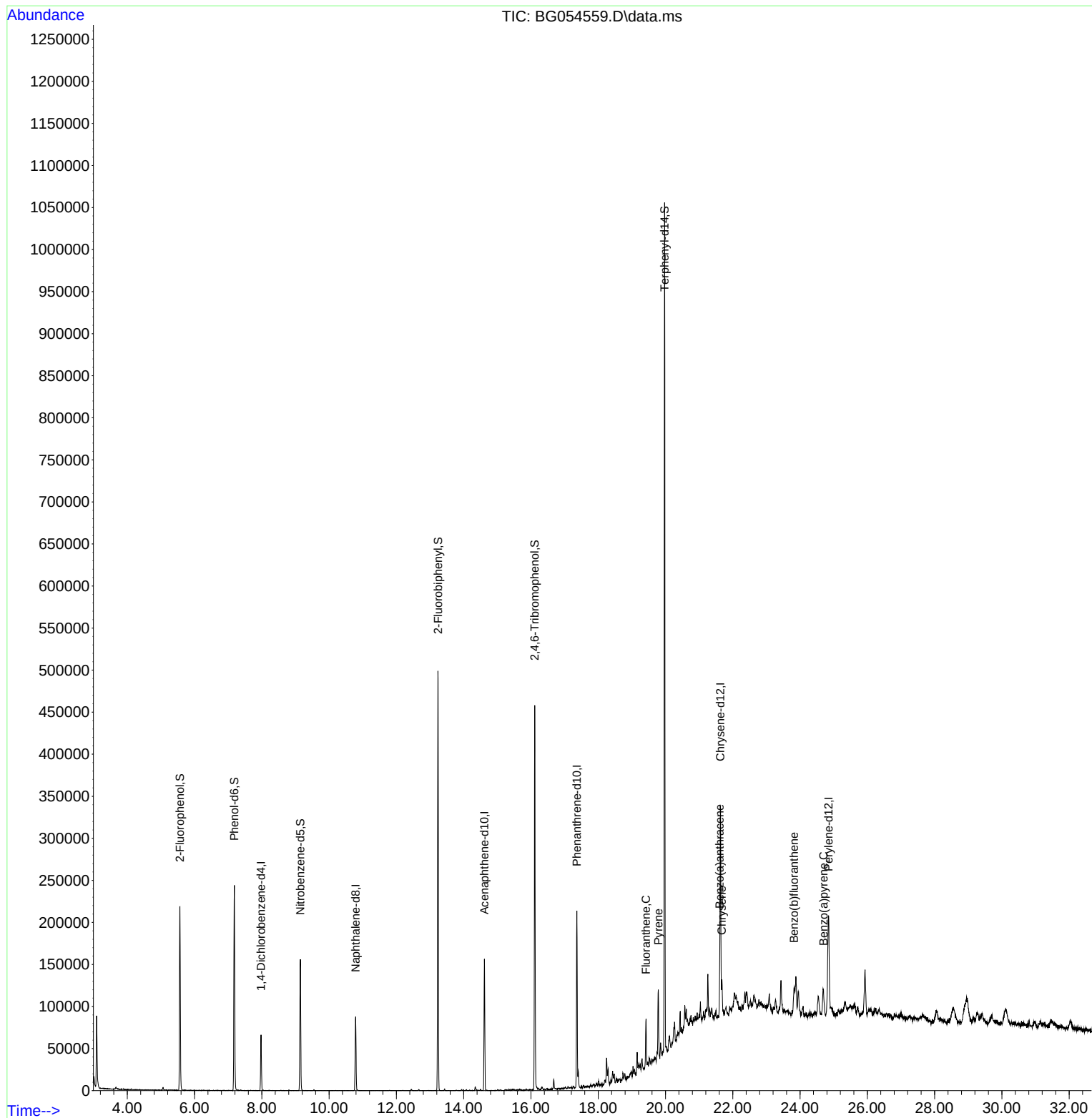
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
Data File : BG054559.D
Acq On : 8 Aug 2022 19:00
Operator : CG/JU
Sample : N3960-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

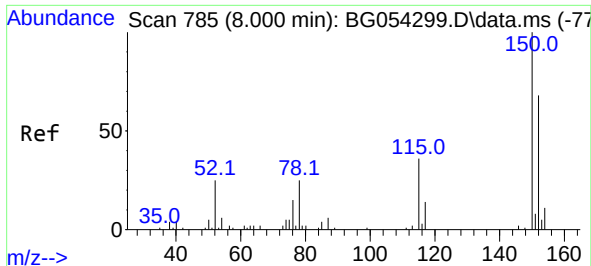
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BNA_G
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Quant Time: Aug 09 01:56:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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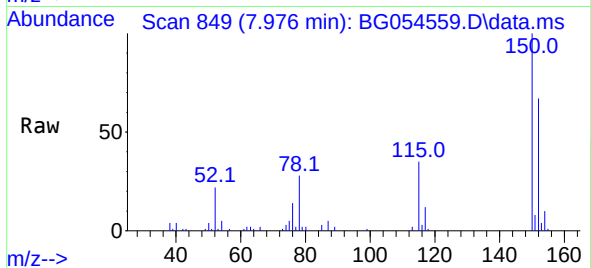
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

Instrument :

BNA_G

ClientSampleId :

RVE-149

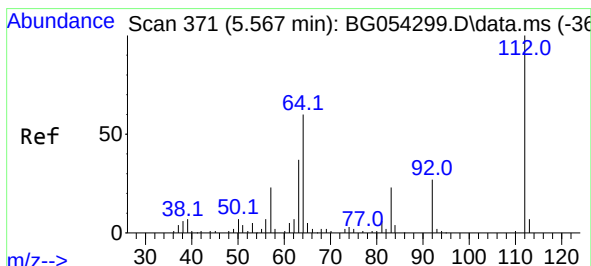
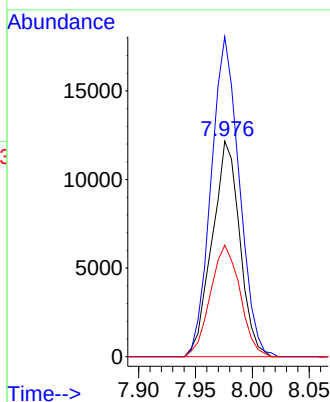
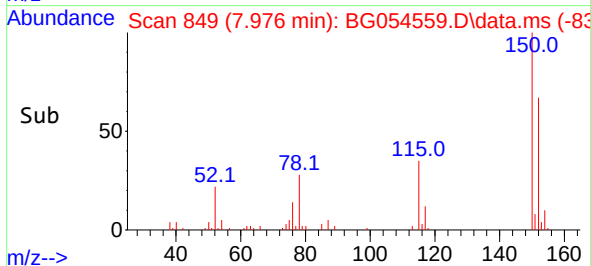


Tgt Ion:152 Resp: 2056
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 51.7 50.9 76.3

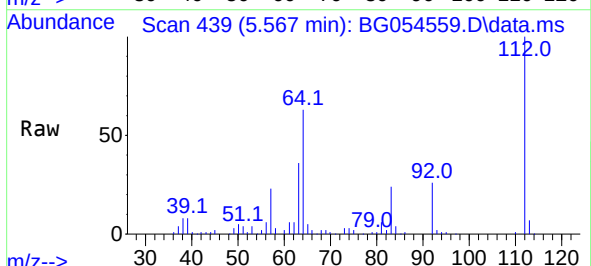
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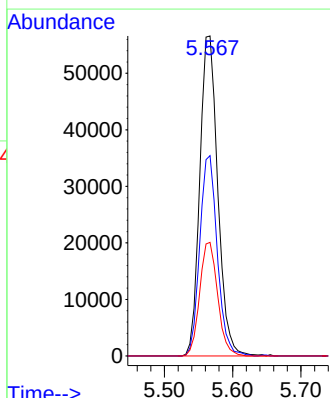
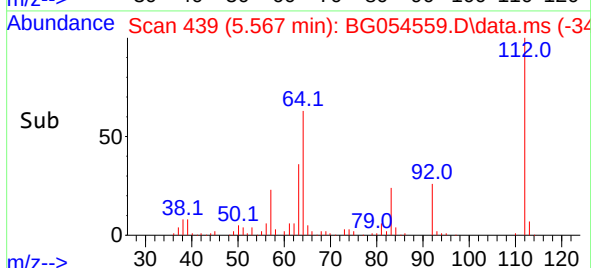
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

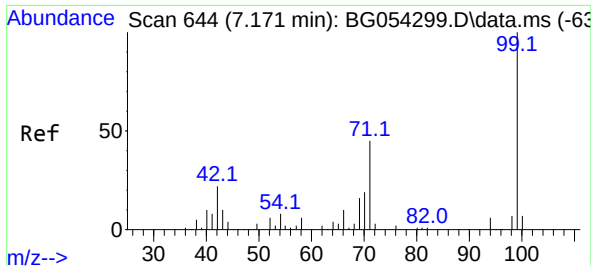


#5
2-Fluorophenol
Concen: 105.54 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



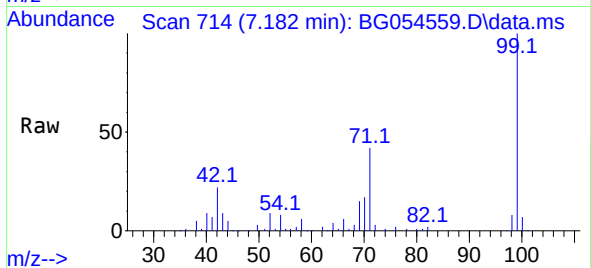
Tgt Ion:112 Resp: 103961
Ion Ratio Lower Upper
112 100
64 62.6 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 104.93 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

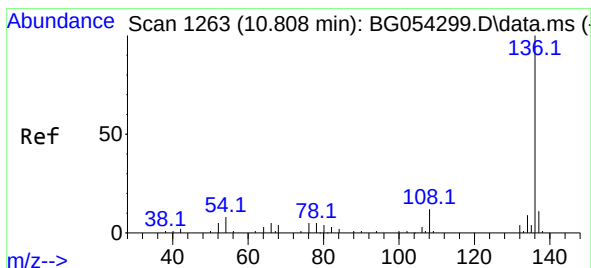
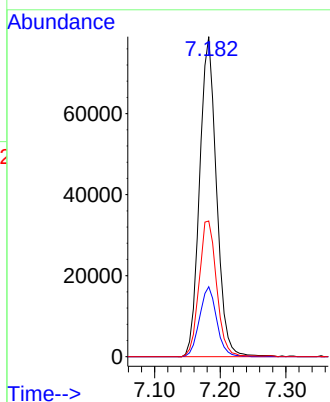
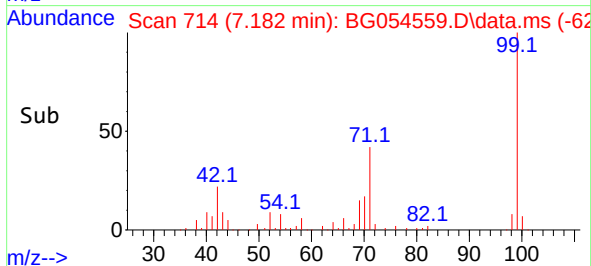
Instrument :
BNA_G
ClientSampleId :
RVE-149



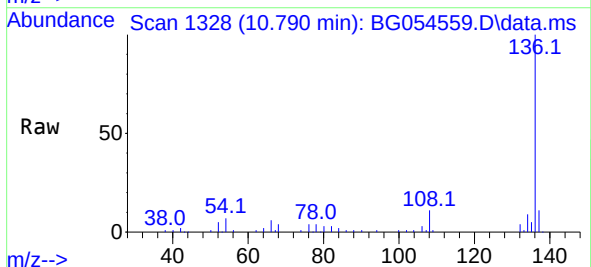
Tgt Ion: 99 Resp: 141624
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 42.4 33.8 50.8

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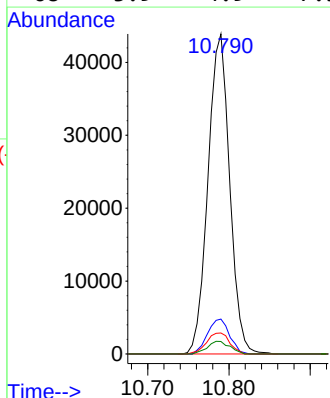
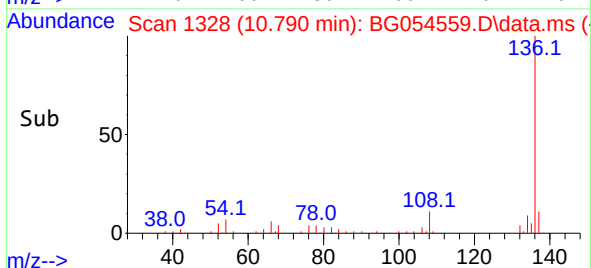
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

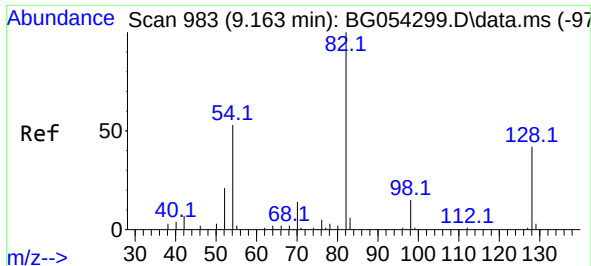


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.790 min Scan# 1328
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



Tgt Ion:136 Resp: 81280
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.6 7.4 11.2#
68 3.9 4.9 7.3#





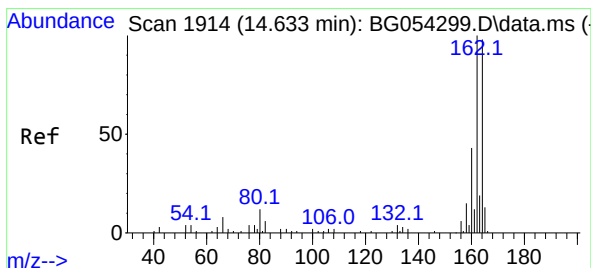
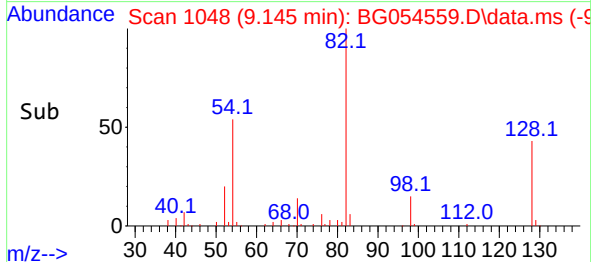
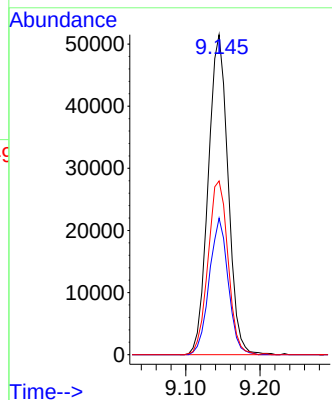
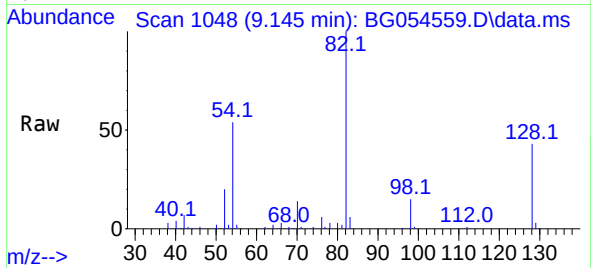
#23
Nitrobenzene-d5
Concen: 64.10 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

Instrument :
BNA_G
ClientSampleId :
RVE-149

Tgt Ion: 82 Resp: 95672
Ion Ratio Lower Upper
82 100
128 42.6 27.9 41.9
54 54.3 41.2 61.8

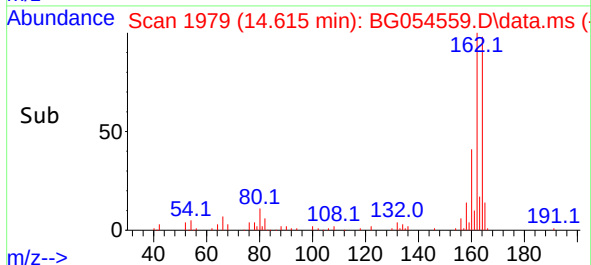
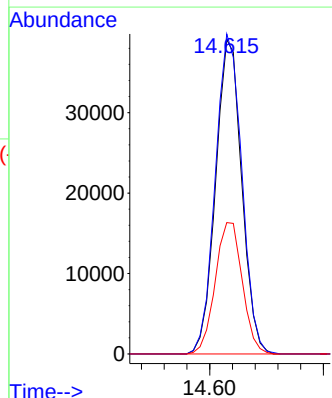
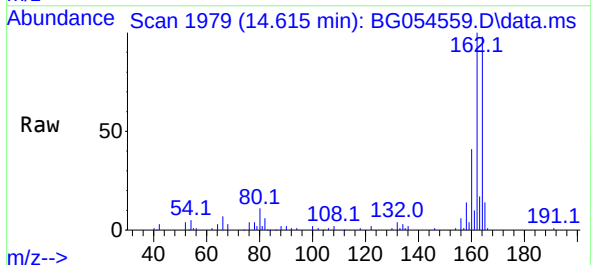
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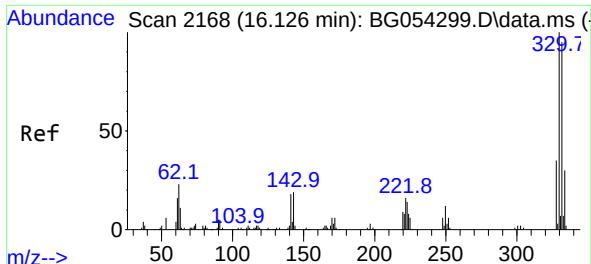
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

Tgt Ion:164 Resp: 62109
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 41.8 34.2 51.2





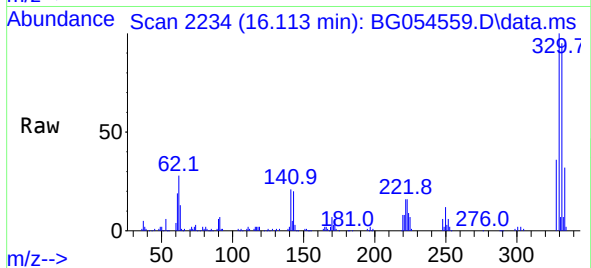
#42
2,4,6-Tribromophenol
Concen: 92.11 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

Instrument :

BNA_G

ClientSampleId :

RVE-149

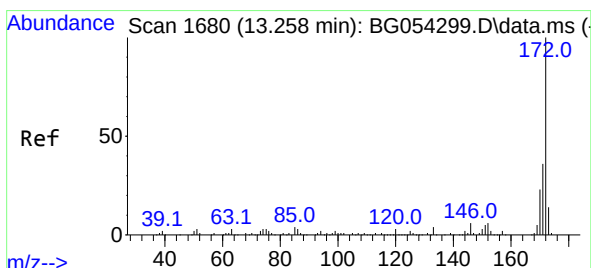
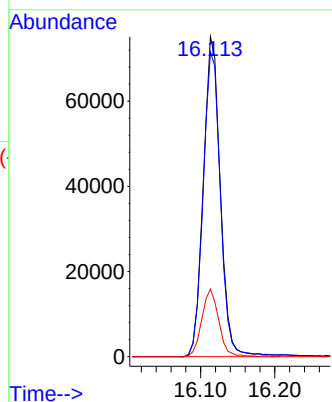
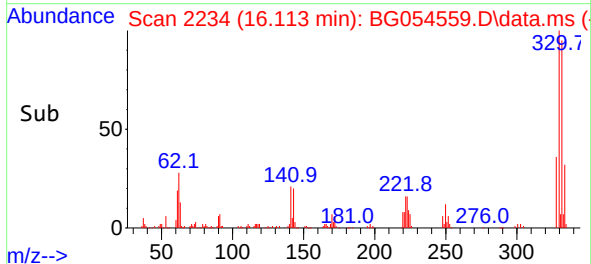


Tgt Ion:330 Resp: 120119
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 21.0 27.1 40.7

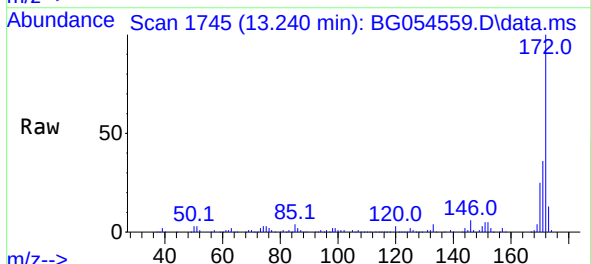
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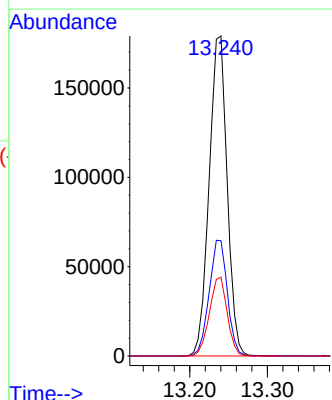
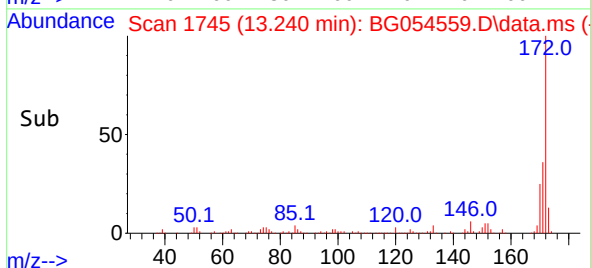
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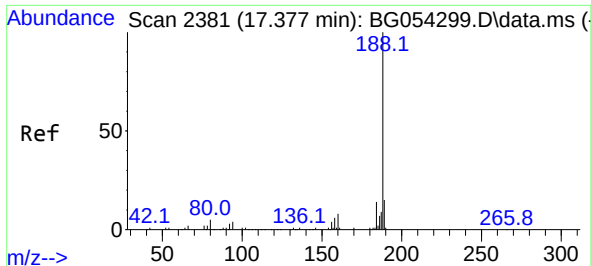


#45
2-Fluorobiphenyl
Concen: 65.79 ng
RT: 13.240 min Scan# 1745
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



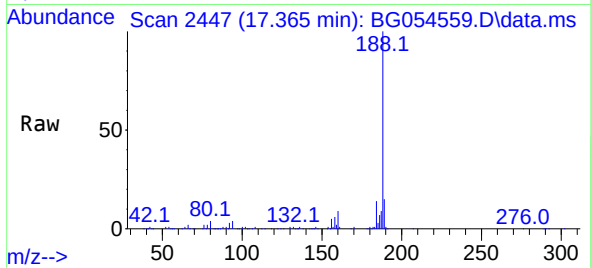
Tgt Ion:172 Resp: 289671
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.365 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

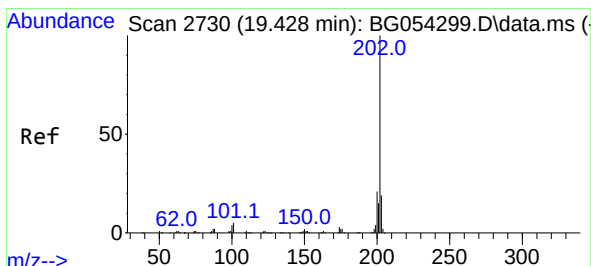
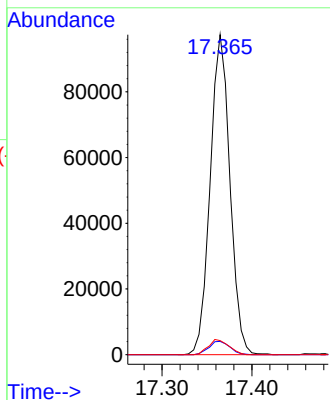
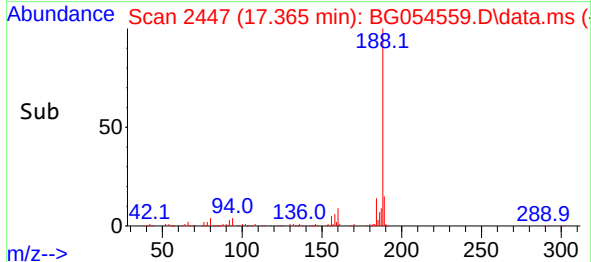
Instrument :
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RVE-149



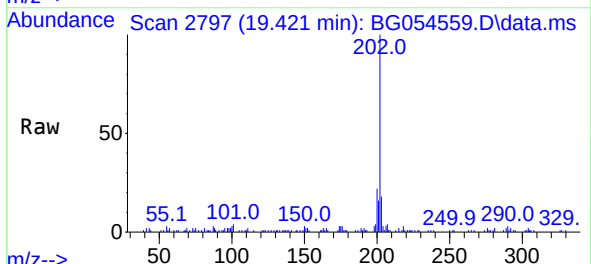
Tgt Ion:188 Resp: 148684
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0
80 4.4 6.8 10.2

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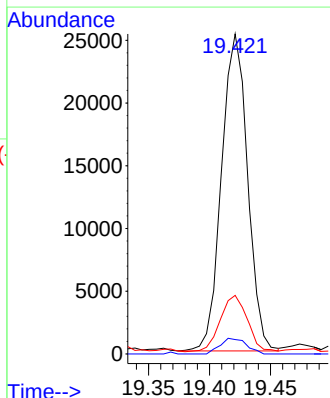
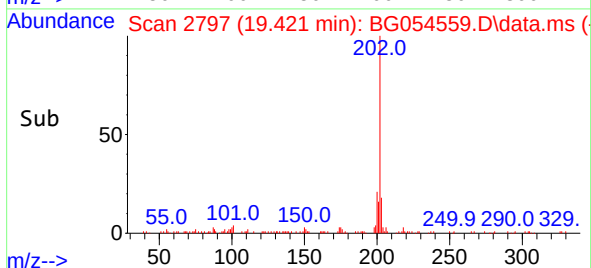
Reviewed By :Christian Giraldo 08/09/2022
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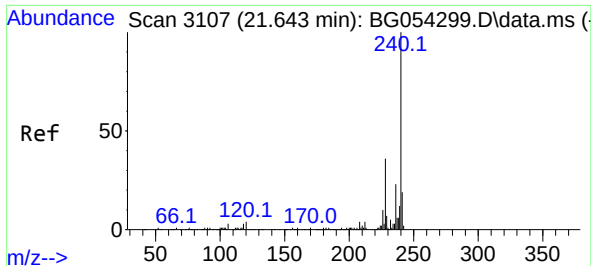


#75
Fluoranthene
Concen: 3.73 ng
RT: 19.421 min Scan# 2797
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



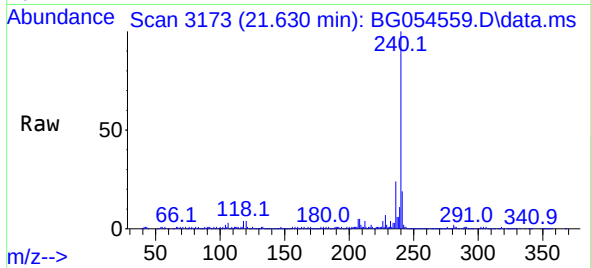
Tgt Ion:202 Resp: 37605
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.3 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.630 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

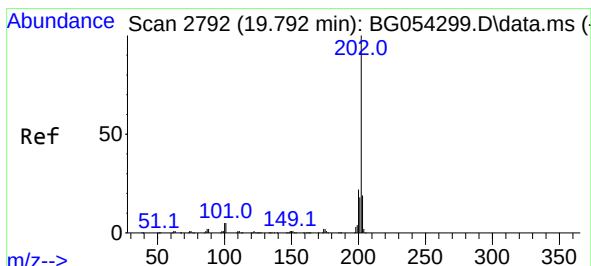
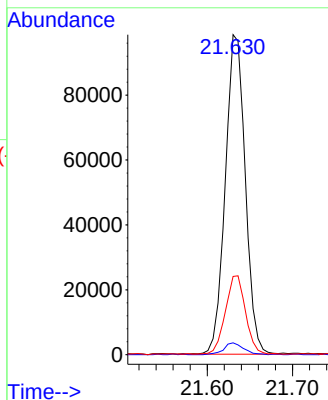
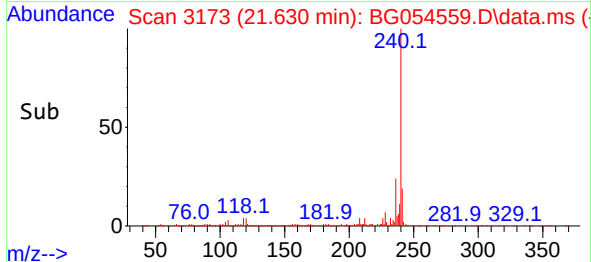
Instrument :
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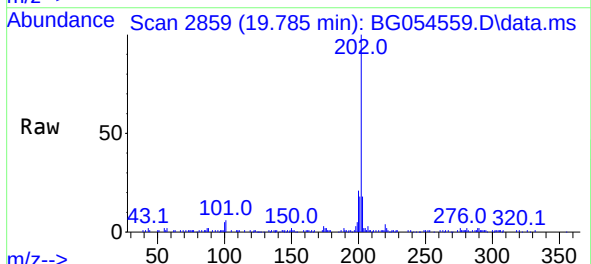
Tgt Ion:240 Resp: 160497
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0
236 24.4 20.2 30.4

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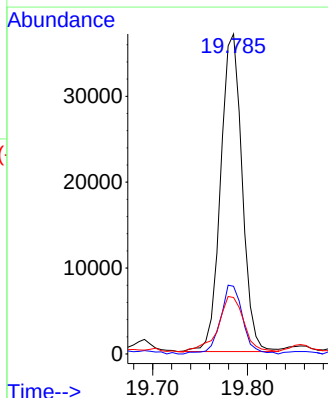
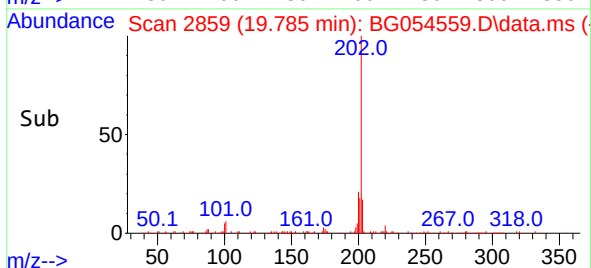
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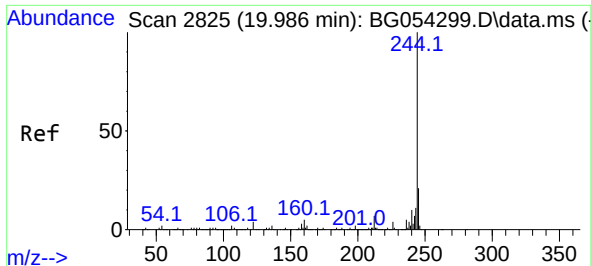


#78
Pyrene
Concen: 6.34 ng
RT: 19.785 min Scan# 2859
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



Tgt Ion:202 Resp: 58367
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.7 14.6 21.8





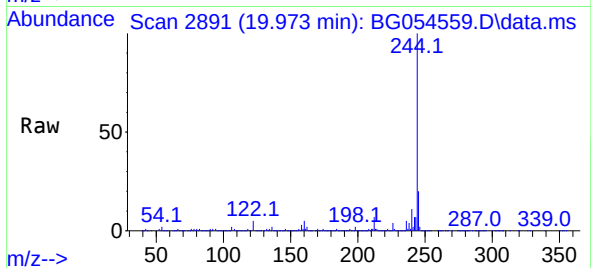
#79
Terphenyl-d14
Concen: 70.04 ng
RT: 19.973 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

Instrument :

BNA_G

ClientSampleId :

RVE-149

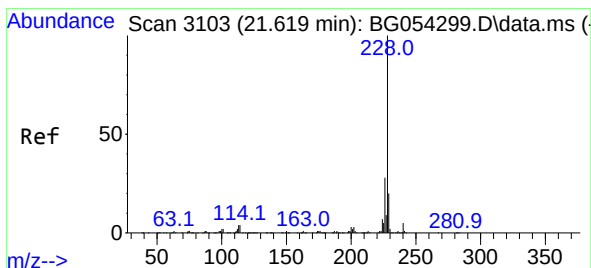
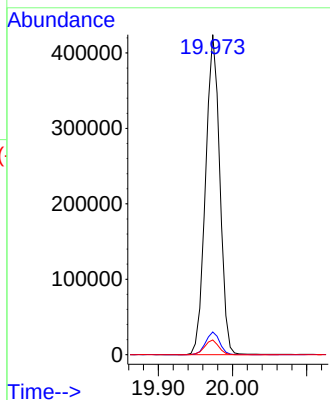
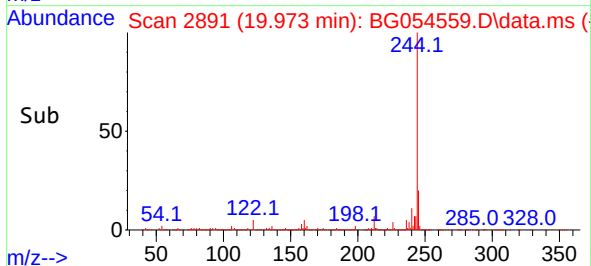


Tgt Ion:244 Resp: 566640
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.6 5.0 7.4

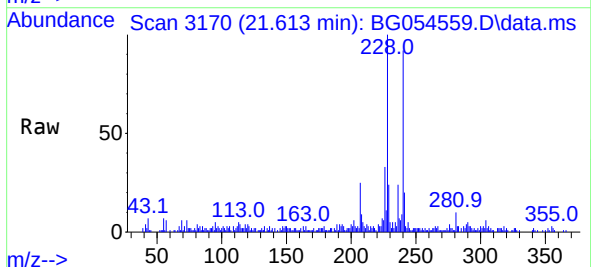
Manual Integrations

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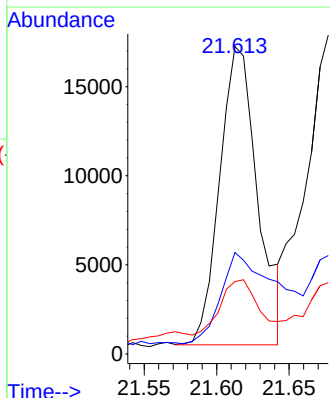
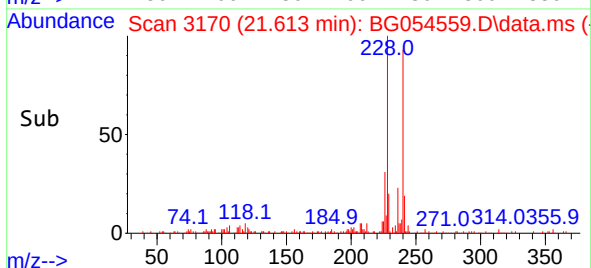
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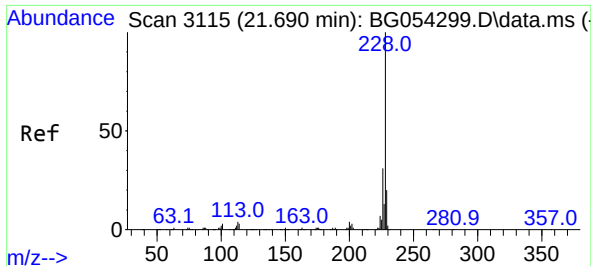


#81
Benzo(a)anthracene
Concen: 3.00 ng m
RT: 21.613 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



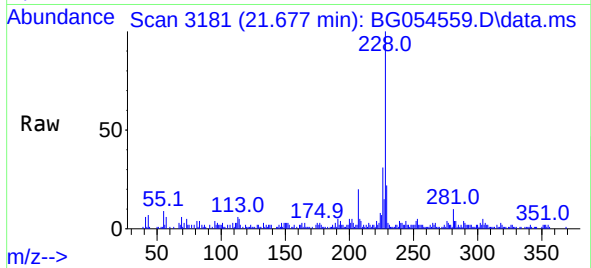
Tgt Ion:228 Resp: 30580
Ion Ratio Lower Upper
228 100
226 33.0 21.6 32.4#
229 23.5 16.2 24.2





#83
Chrysene
Concen: 3.68 ng
RT: 21.677 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

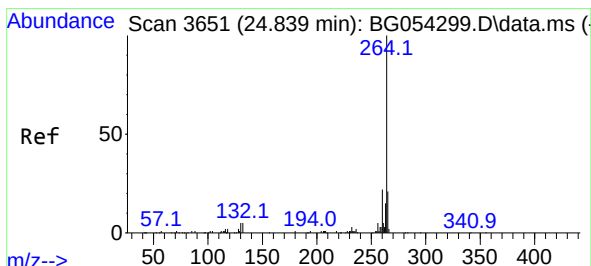
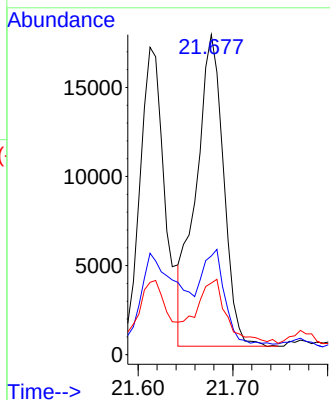
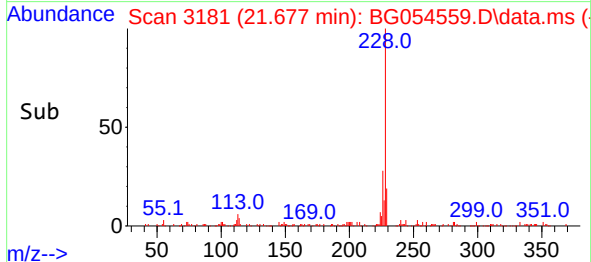
Instrument :
BNA_G
ClientSampleId :
RVE-149



Tgt Ion:228 Resp: 35464
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.2
229 22.4 15.5 23.3

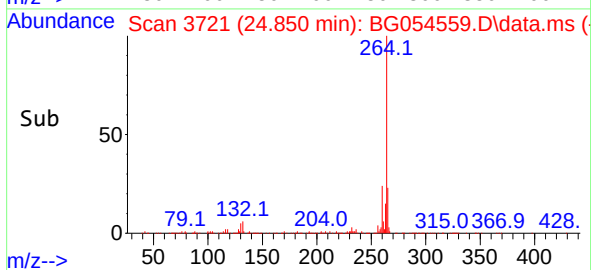
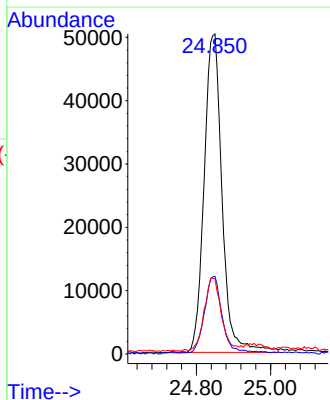
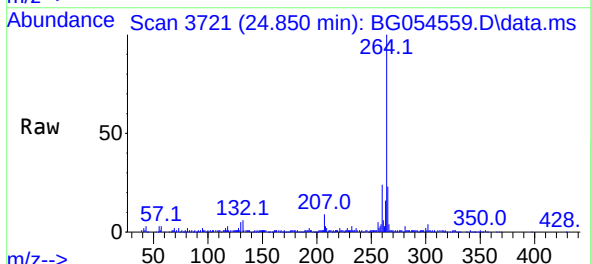
Manual Integrations
APPROVED

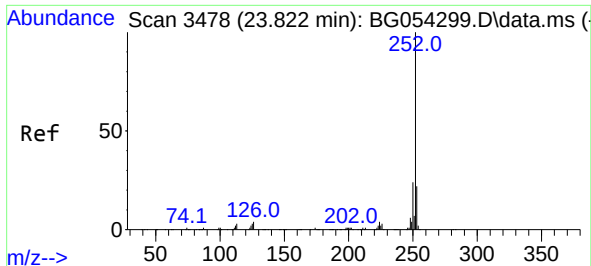
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.850 min Scan# 3721
Delta R.T. 0.015 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

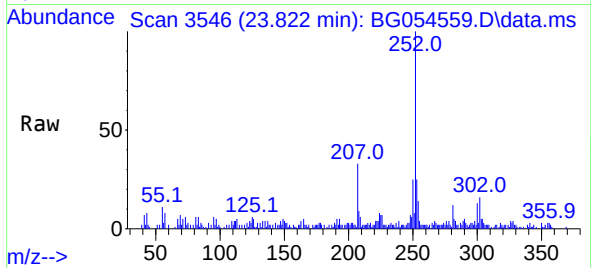
Tgt Ion:264 Resp: 168445
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 23.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.18 ng m
RT: 23.822 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00

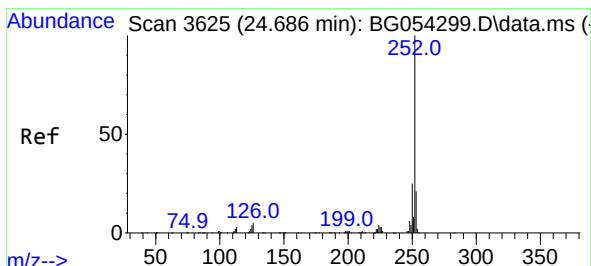
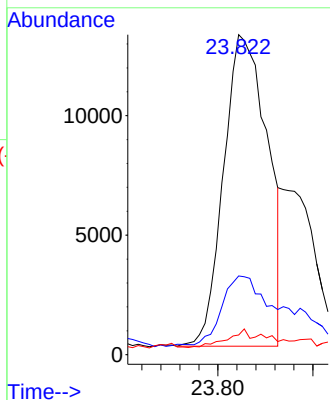
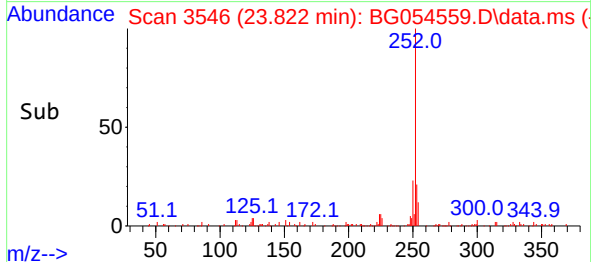
Instrument :
BNA_G
ClientSampleId :
RVE-149



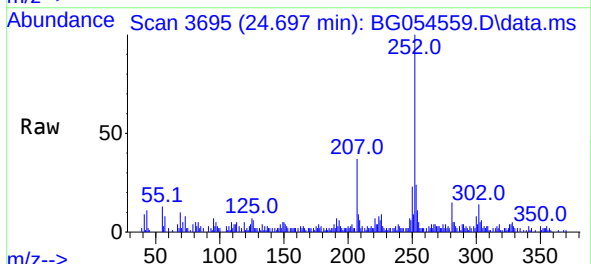
Tgt Ion:252 Resp: 4166
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 6.1 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#90
Benzo(a)pyrene
Concen: 4.26 ng
RT: 24.697 min Scan# 3695
Delta R.T. 0.009 min
Lab File: BG054559.D
Acq: 8 Aug 2022 19:00



Tgt Ion:252 Resp: 36222
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 6.6 4.3 6.5#

