

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054515.D
 Acq On : 4 Aug 2022 12:08
 Operator : CG/JU
 Sample : N3931-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-115

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 13:44:40 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	7.977	152	16295	20.000	ng	#-0.01
21) Naphthalene-d8	10.791	136	62529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	50696	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	135674	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	149347	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	158592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	94825	121.500	ng	0.00
7) Phenol-d6	7.178	99	124597	116.509	ng	0.00
23) Nitrobenzene-d5	9.146	82	83377	72.614	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	117527	110.413	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	256190	71.289	ng	-0.01
79) Terphenyl-d14	19.974	244	563564	74.859	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.422	202	42900	4.658	ng	96
78) Pyrene	19.780	202	37995	4.434	ng	96
81) Benzo(a)anthracene	21.614	228	26593	2.805	ng	96
83) Chrysene	21.678	228	32137m	3.588	ng	
88) Benzo(b)fluoranthene	23.817	252	51593	5.501	ng	99
90) Benzo(a)pyrene	24.681	252	30805	3.846	ng	99

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

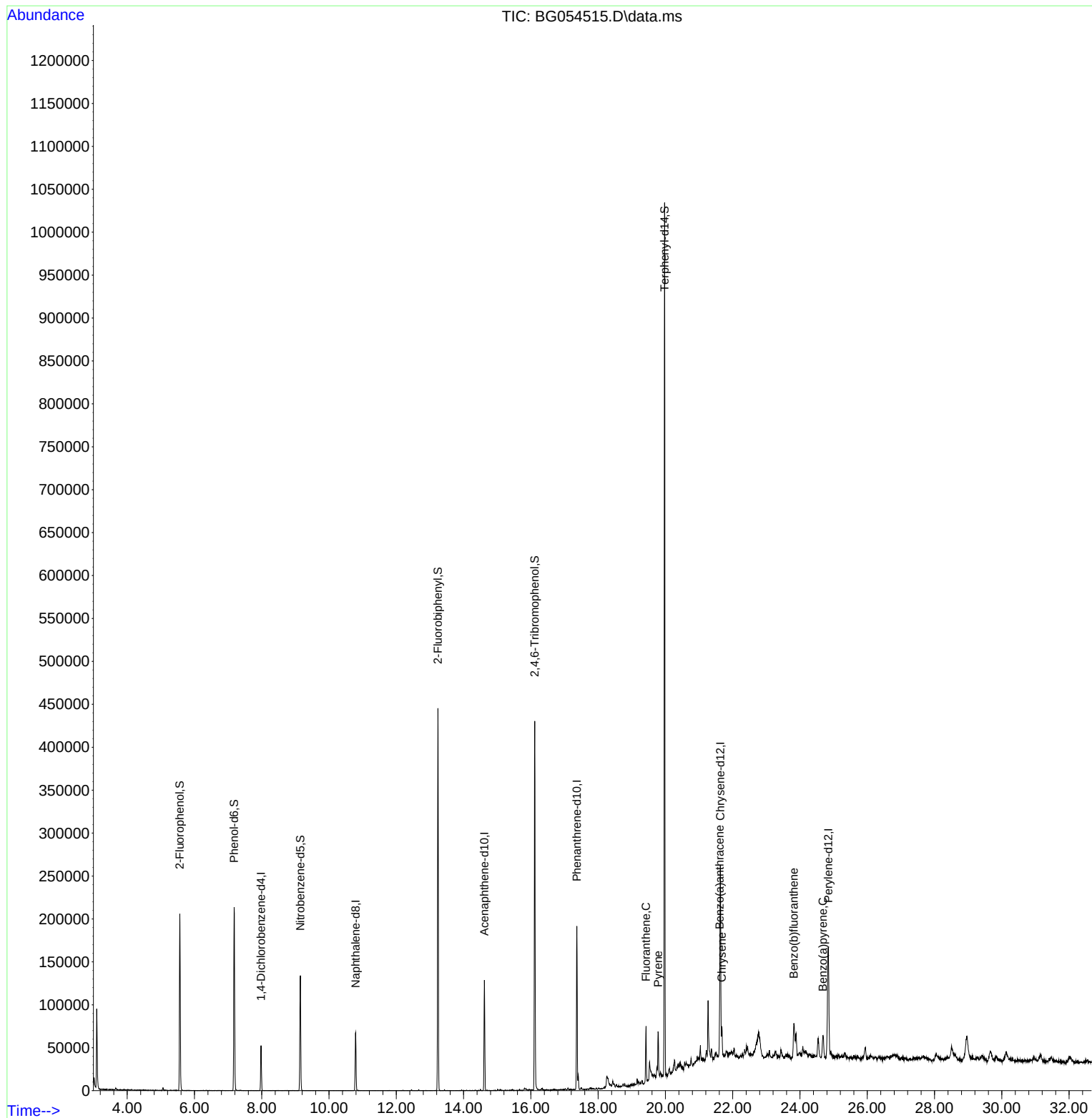
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054515.D
Acq On : 4 Aug 2022 12:08
Operator : CG/JU
Sample : N3931-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

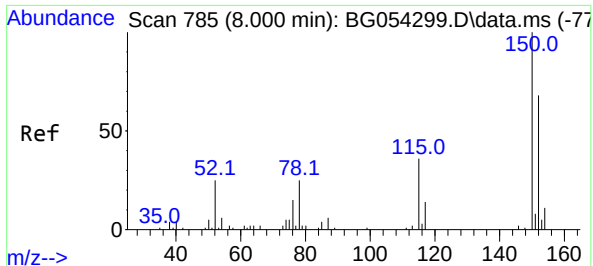
Instrument :
BNA_G
ClientSampleId :
RVE-115

Quant Time: Aug 04 13:44:40 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
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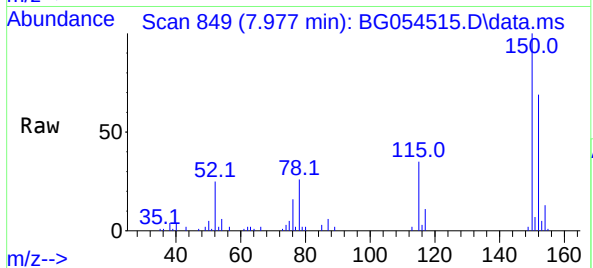
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.977 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

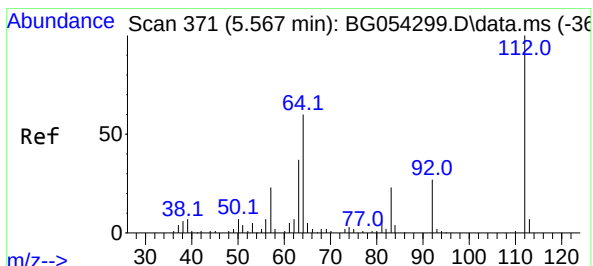
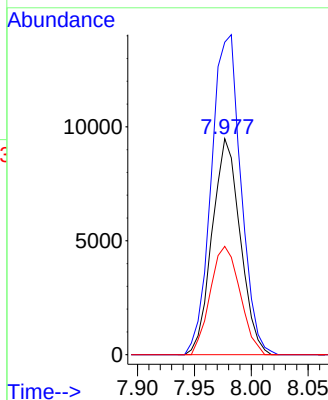
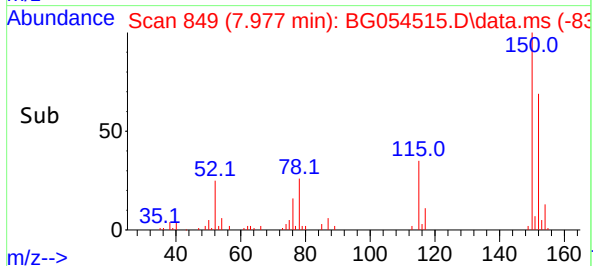
Instrument :
BNA_G
ClientSampleId :
RVE-115



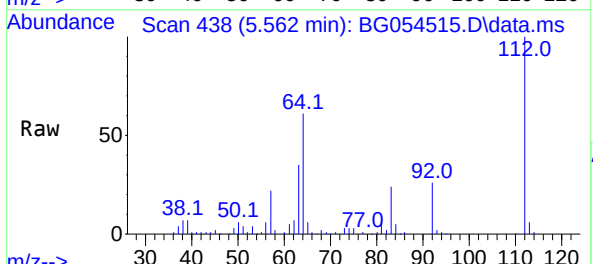
Tgt Ion:152 Resp: 1629
Ion Ratio Lower Upper
152 100
150 144.7 131.6 197.4
115 50.1 50.9 76.3

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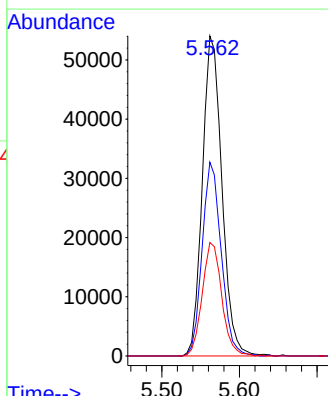
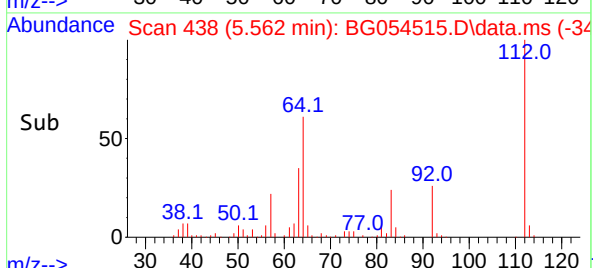
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

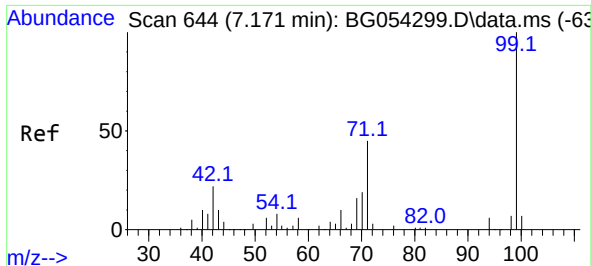


#5
2-Fluorophenol
Concen: 121.500 ng
RT: 5.562 min Scan# 438
Delta R.T. 0.000 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08



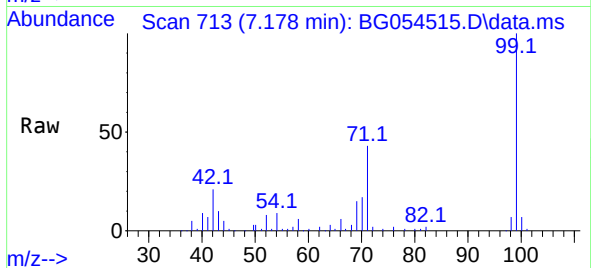
Tgt Ion:112 Resp: 94825
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 116.509 ng
RT: 7.178 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

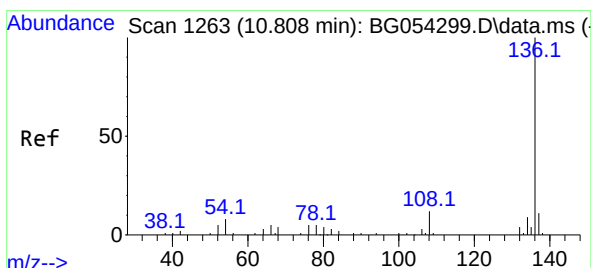
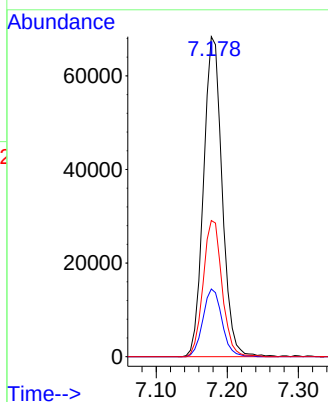
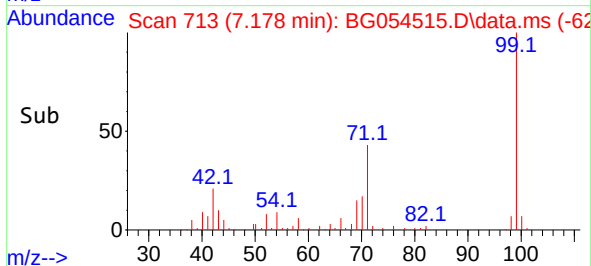
Instrument :
BNA_G
ClientSampleId :
RVE-115



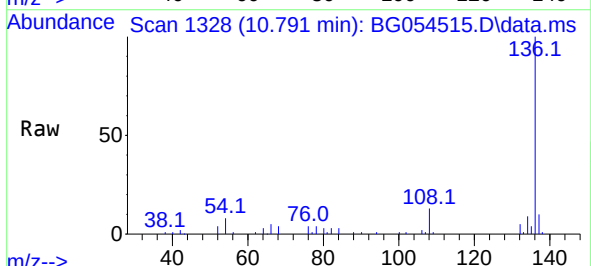
Tgt Ion: 99 Resp: 12459
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 42.5 33.8 50.8

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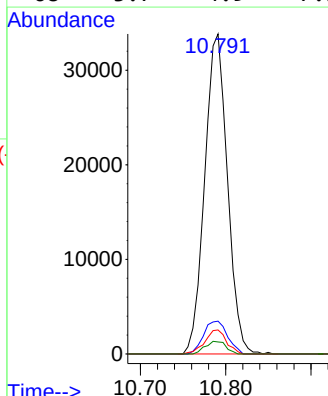
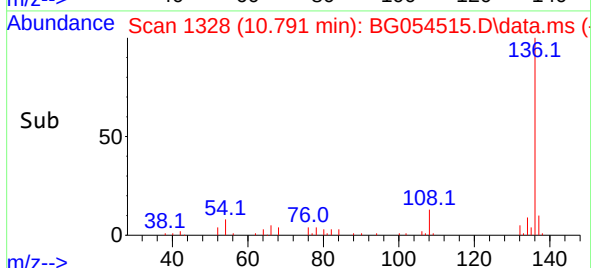
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

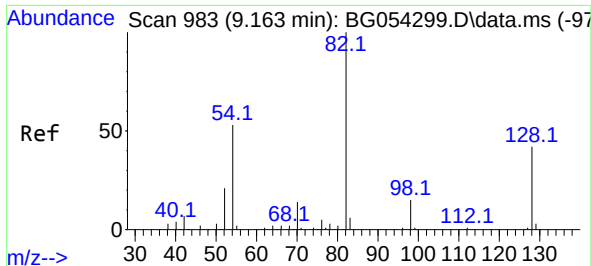


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08



Tgt Ion:136 Resp: 62529
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.5 7.4 11.2
68 3.7 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 72.614 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

Instrument :

BNA_G

ClientSampleId :

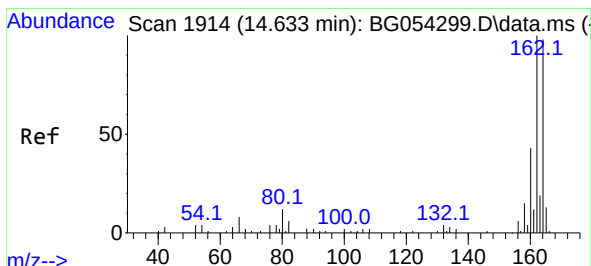
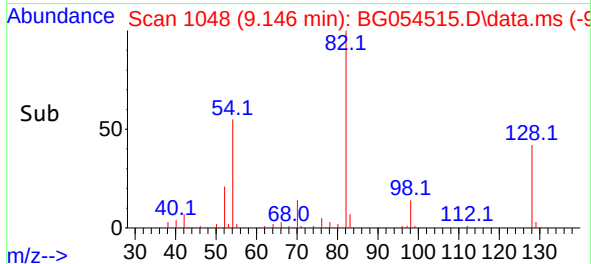
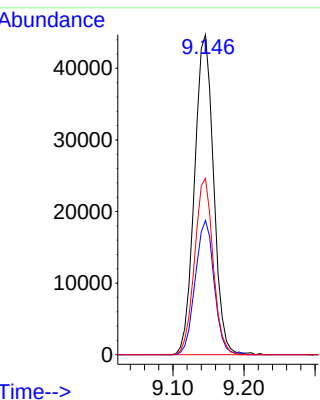
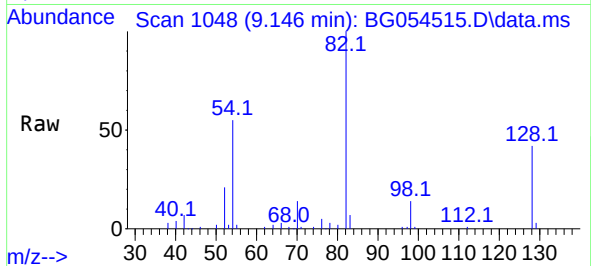
RVE-115

Tgt Ion: 82 Resp: 8337
Ion Ratio Lower Upper
82 100
128 41.9 27.9 41.9
54 55.1 41.2 61.8

Manual Integrations

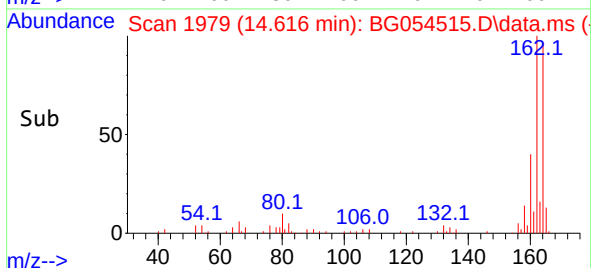
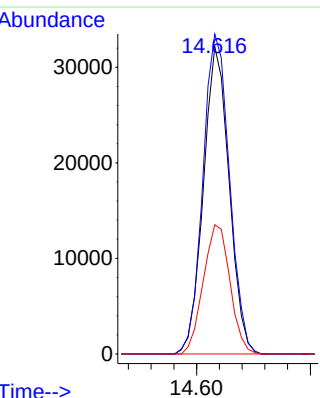
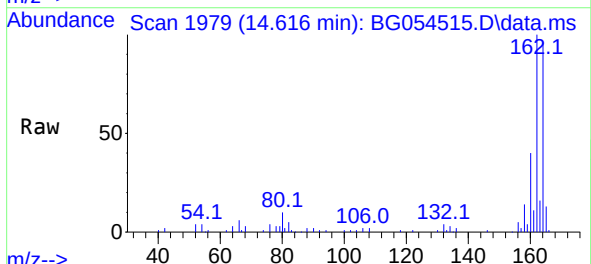
APPROVED

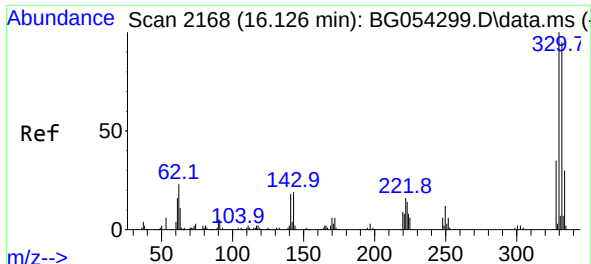
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

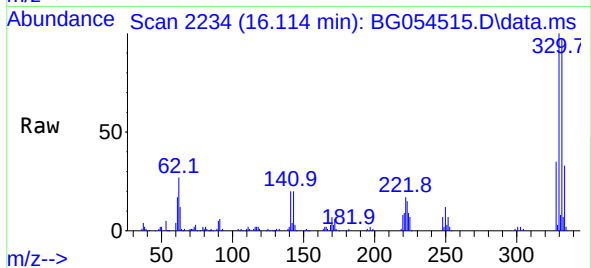
Tgt Ion:164 Resp: 50696
Ion Ratio Lower Upper
164 100
162 104.2 82.3 123.5
160 42.1 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 110.413 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

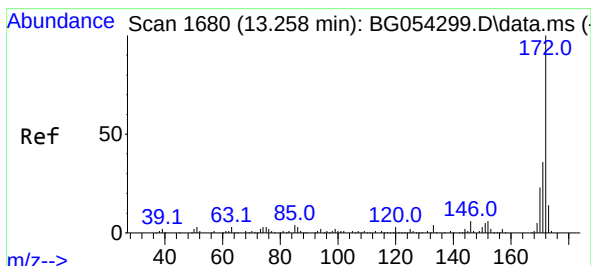
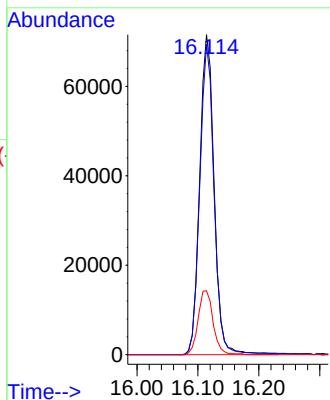
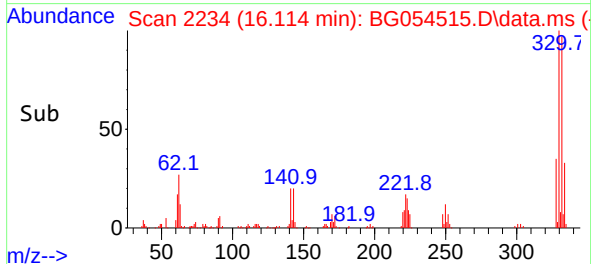
Instrument :
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ClientSampleId :
RVE-115



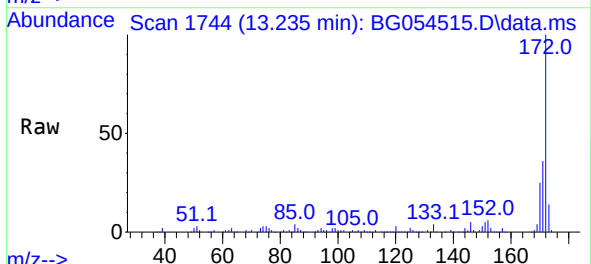
Tgt Ion:330 Resp: 11752
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 20.8 27.1 40.7

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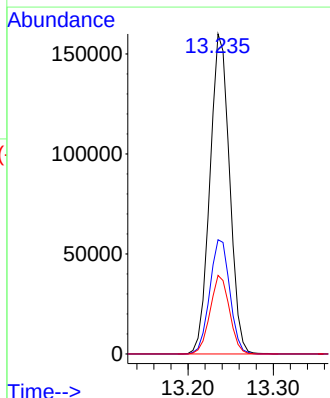
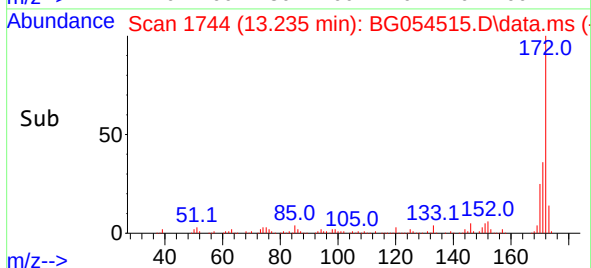
Reviewed By :Christian Giraldo 08/05/2022
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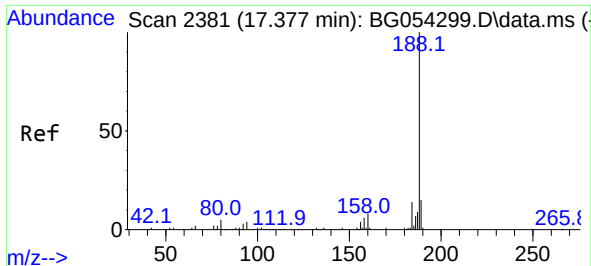


#45
2-Fluorobiphenyl
Concen: 71.289 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08



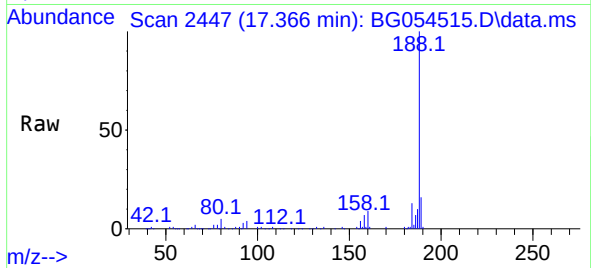
Tgt Ion:172 Resp: 256190
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

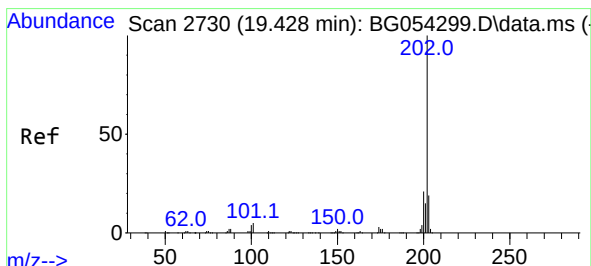
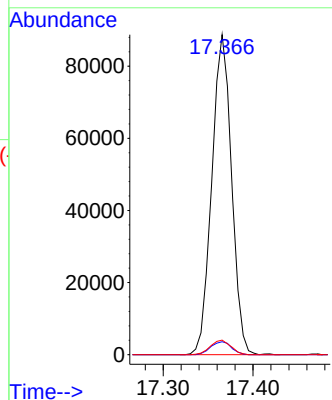
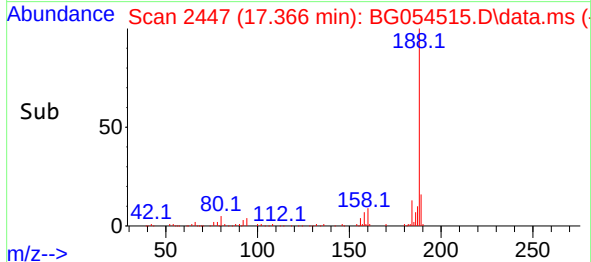
Instrument :
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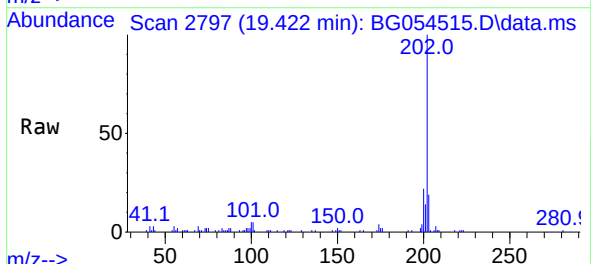
Tgt Ion:188 Resp: 135674
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 4.5 6.8 10.2

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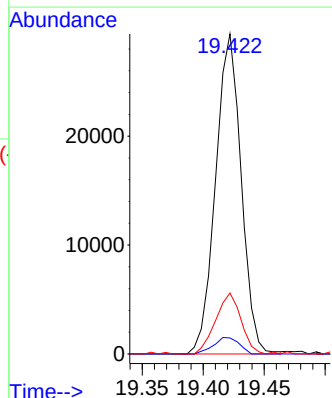
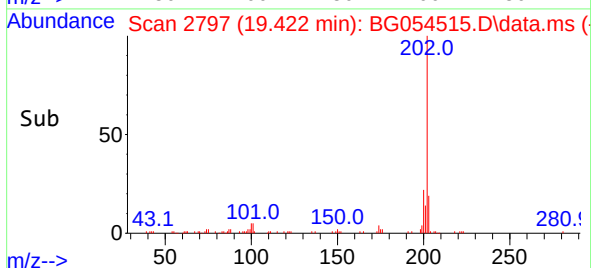
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

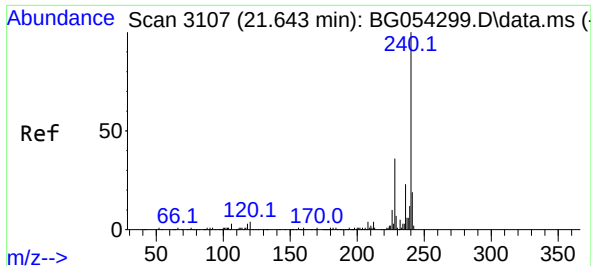


#75
Fluoranthene
Concen: 4.658 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08



Tgt Ion:202 Resp: 42900
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.9
203 19.0 0.0 37.2





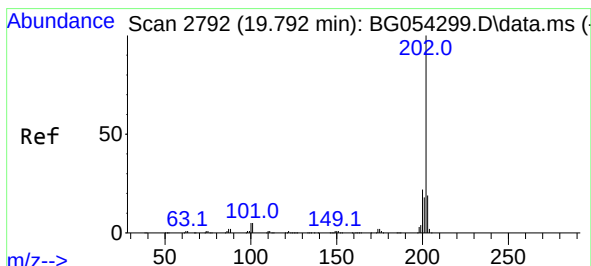
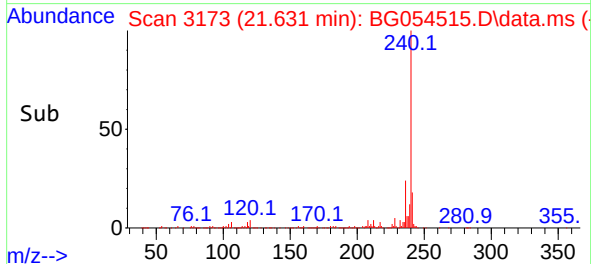
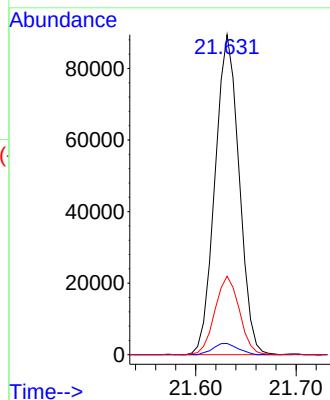
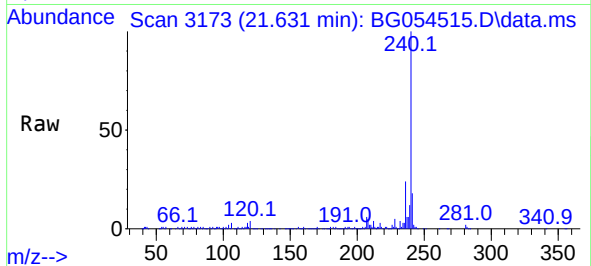
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

Instrument :
BNA_G
ClientSampleId :
RVE-115

Tgt Ion:240 Resp: 14934
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0
236 24.5 20.2 30.4

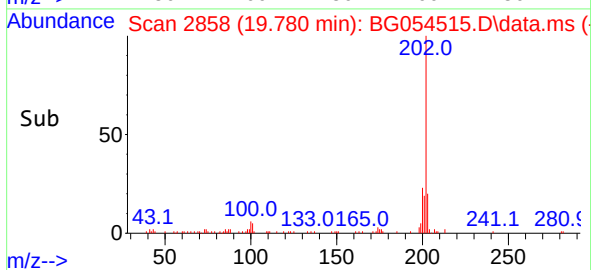
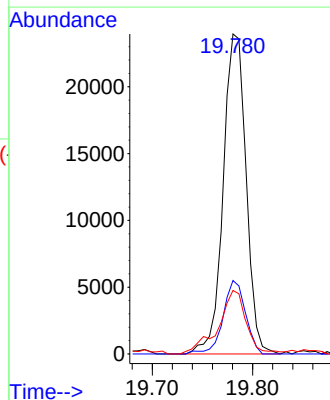
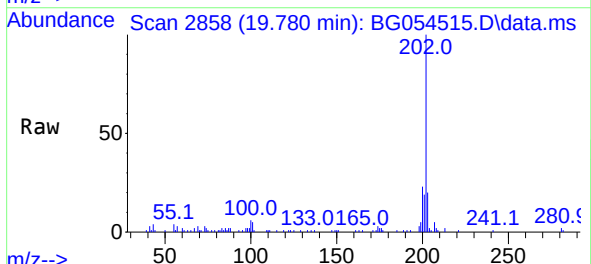
Manual Integrations
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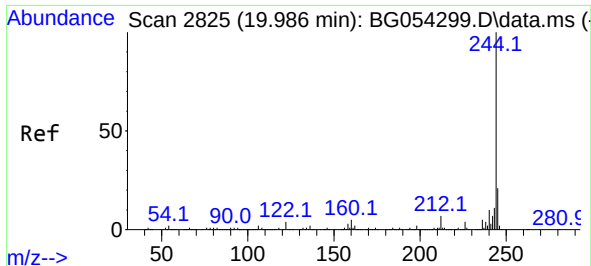
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 4.434 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

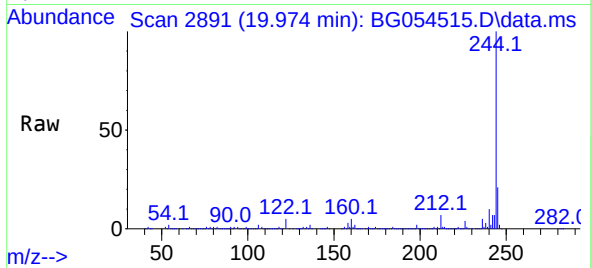
Tgt Ion:202 Resp: 37995
Ion Ratio Lower Upper
202 100
200 22.9 16.6 24.8
203 19.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 74.859 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054515.D
 Acq: 4 Aug 2022 12:08

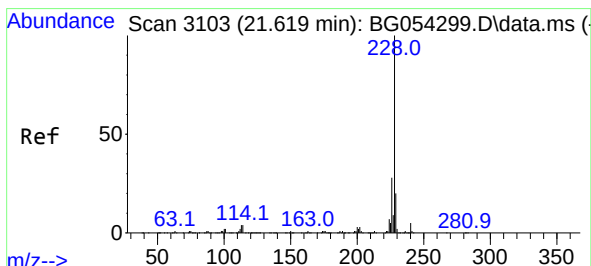
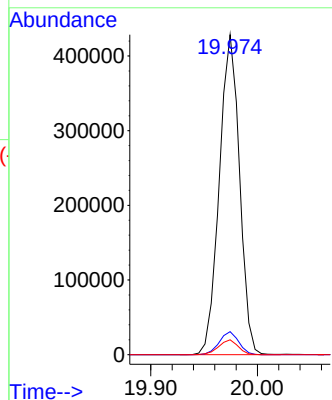
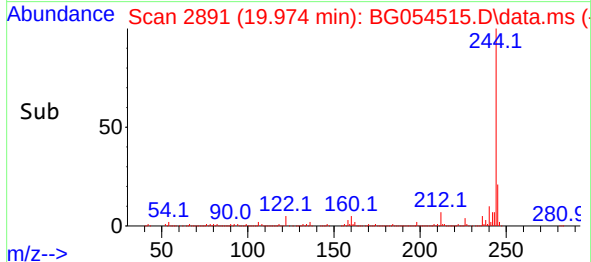
Instrument :
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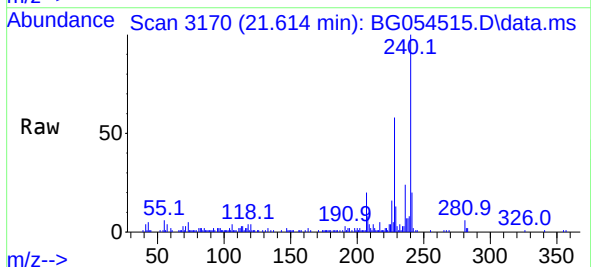
Tgt Ion:244 Resp: 563564
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.6 5.0 7.4

Manual Integrations
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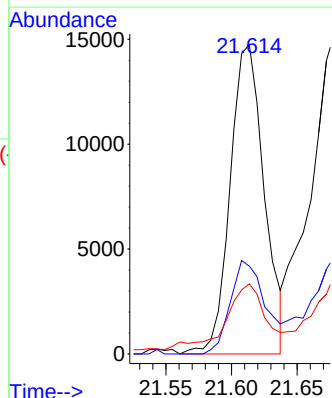
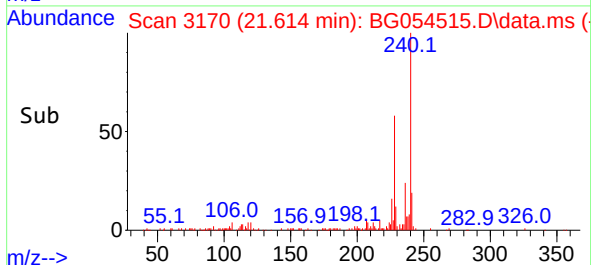
Reviewed By :Christian Giraldo 08/05/2022
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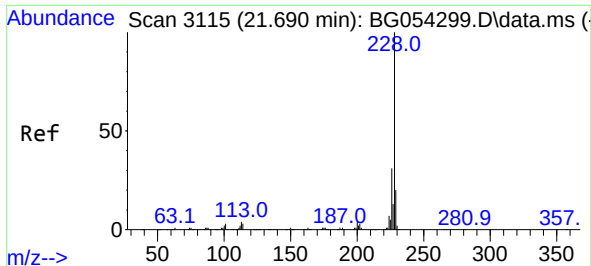


#81
 Benzo(a)anthracene
 Concen: 2.805 ng
 RT: 21.614 min Scan# 3170
 Delta R.T. 0.000 min
 Lab File: BG054515.D
 Acq: 4 Aug 2022 12:08



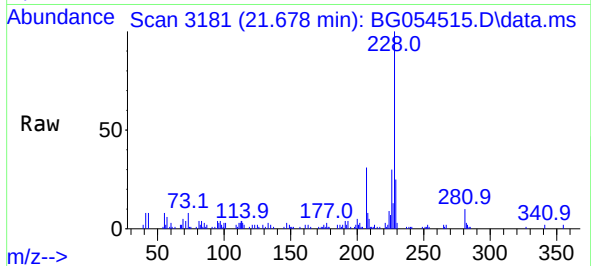
Tgt Ion:228 Resp: 26593
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.6 32.4
 229 22.7 16.2 24.2





#83
Chrysene
Concen: 3.588 ng m
RT: 21.678 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

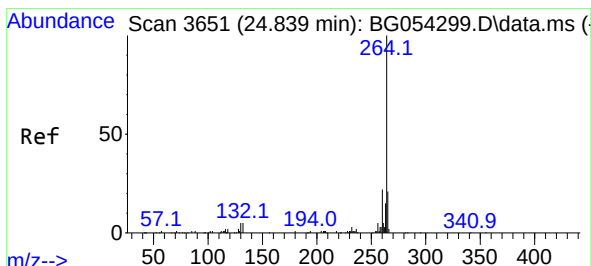
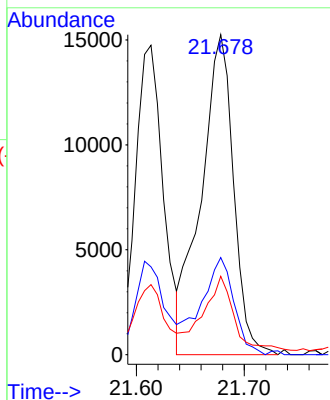
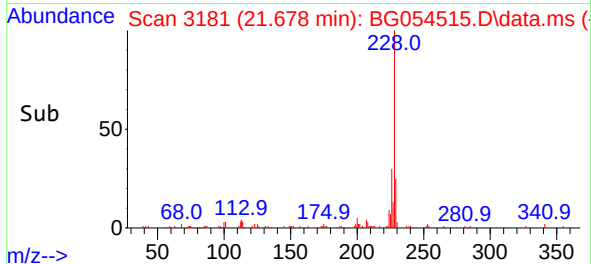
Instrument :
BNA_G
ClientSampleId :
RVE-115



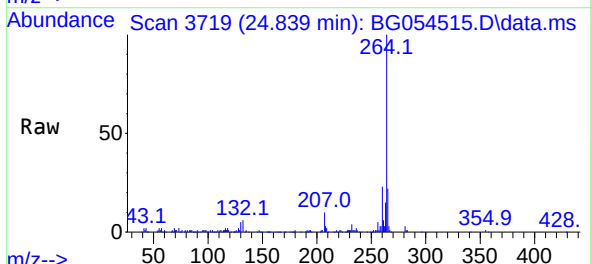
Tgt Ion:228 Resp: 3213
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 24.5 15.5 23.3

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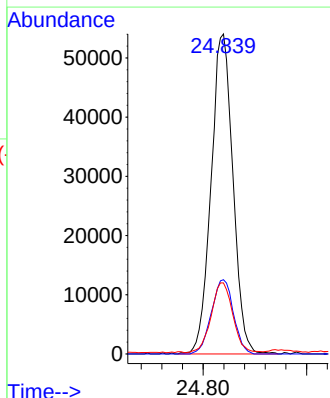
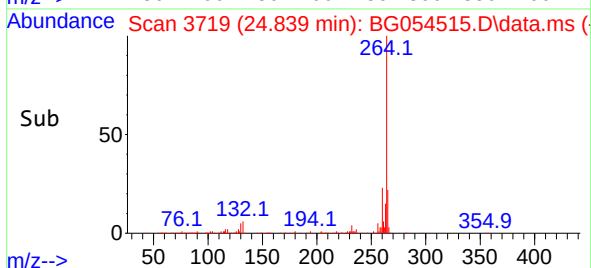
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

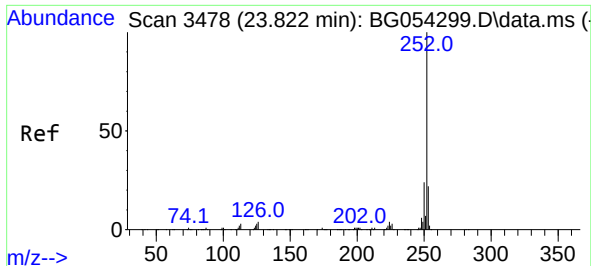


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08



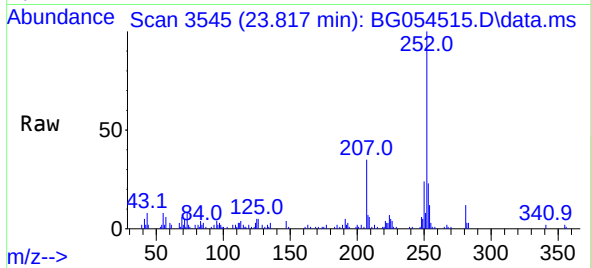
Tgt Ion:264 Resp: 158592
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 22.2 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 5.501 ng
RT: 23.817 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

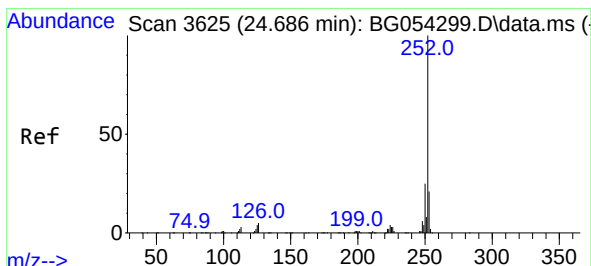
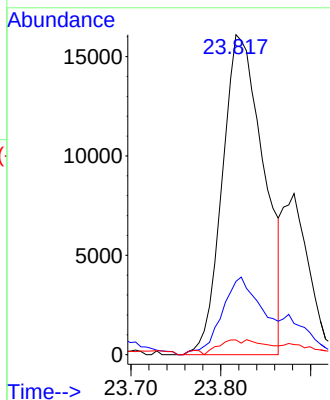
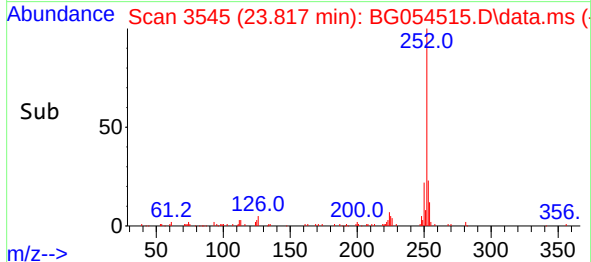
Instrument :
BNA_G
ClientSampleId :
RVE-115



Tgt Ion:252 Resp: 5159
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 4.6 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.846 ng
RT: 24.681 min Scan# 3692
Delta R.T. -0.006 min
Lab File: BG054515.D
Acq: 4 Aug 2022 12:08

Tgt Ion:252 Resp: 30805
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.1 4.3 6.5

