

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054611.D
 Acq On : 11 Aug 2022 19:18
 Operator : CG/JU
 Sample : N4017-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB03

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 06:06:07 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	7.965	152	16766	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	67323	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	53082	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	132286	20.000	ng	# 0.00
76) Chrysene-d12	21.626	240	150759	20.000	ng	# 0.00
86) Perylene-d12	24.828	264	157563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	91350	113.759	ng	0.00
7) Phenol-d6	7.172	99	122744	111.552	ng	0.00
23) Nitrobenzene-d5	9.134	82	83766	67.758	ng	0.00
42) 2,4,6-Tribromophenol	16.103	330	104499	93.761	ng	-0.01
45) 2-Fluorobiphenyl	13.230	172	252615	67.134	ng	0.00
79) Terphenyl-d14	19.963	244	538411	70.848	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.113	77	2351	2.052	ng	# 74
71) Phenanthrene	17.401	178	14038	2.131	ng	98
75) Fluoranthene	19.411	202	60881	6.779	ng	95
78) Pyrene	19.775	202	62159	7.186	ng	98
81) Benzo(a)anthracene	21.602	228	47573	4.971	ng	95
83) Chrysene	21.667	228	55755	6.167	ng	96
84) Bis(2-ethylhexyl)phtha...	21.490	149	15696	4.115	ng	# 97
87) Indeno(1,2,3-cd)pyrene	28.506	276	53047	4.426	ng	# 78
88) Benzo(b)fluoranthene	23.817	252	86729	9.308	ng	# 96
89) Benzo(k)fluoranthene	23.870	252	26256m	2.831	ng	
90) Benzo(a)pyrene	24.675	252	55123	6.927	ng	97
92) Benzo(g,h,i)perylene	29.663	276	52371	5.384	ng	# 97

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

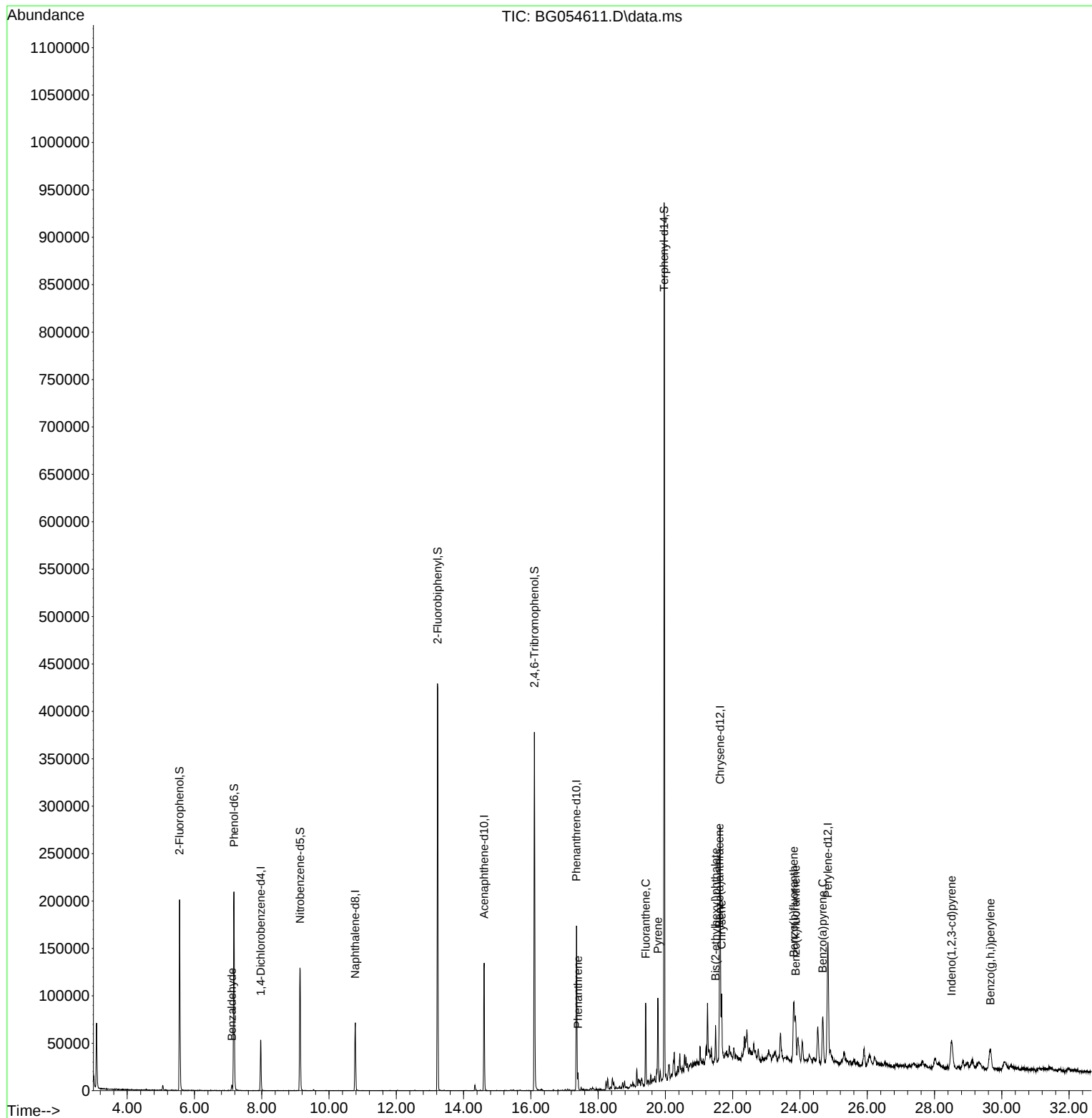
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
Data File : BG054611.D
Acq On : 11 Aug 2022 19:18
Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

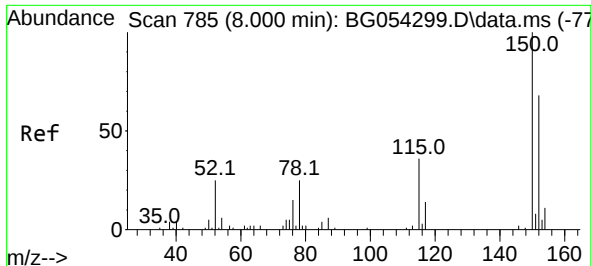
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Quant Time: Aug 12 06:06:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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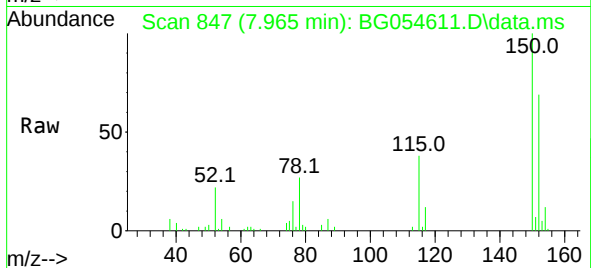
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

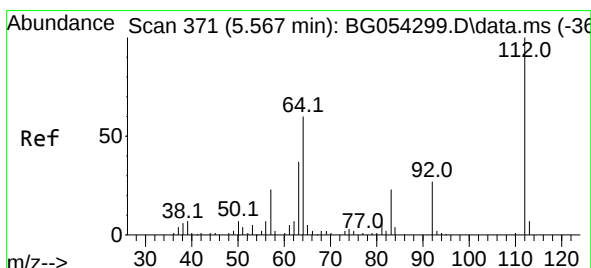
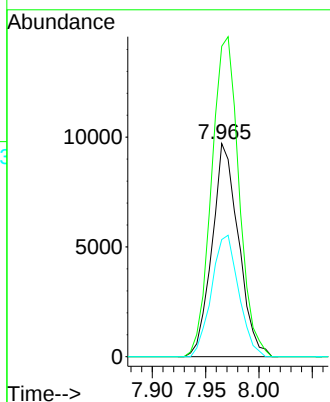
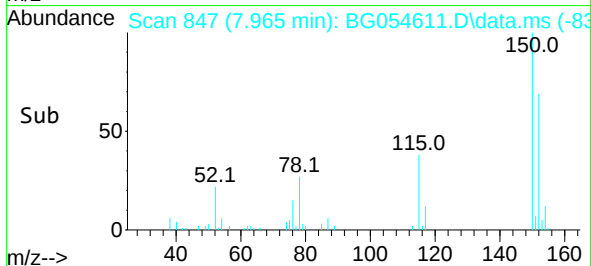
Instrument :
BNA_G
ClientSampleId :
SB03



Tgt Ion:152 Resp: 16760
Ion Ratio Lower Upper
152 100
150 145.7 131.6 197.4
115 55.0 50.9 76.3

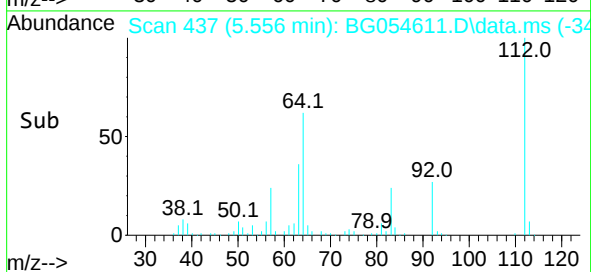
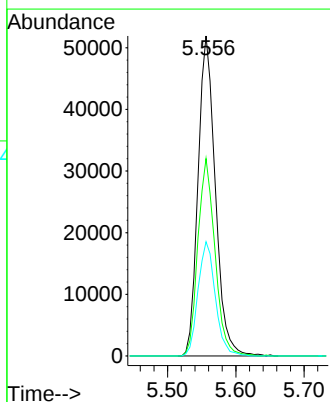
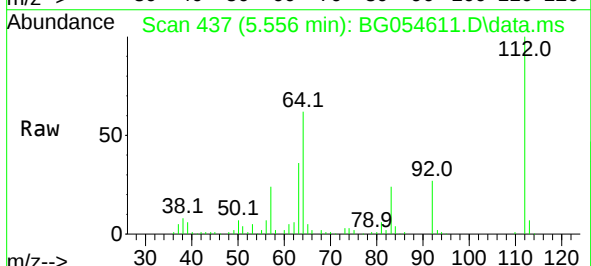
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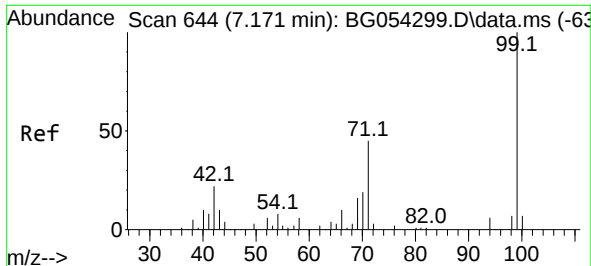
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#5
2-Fluorophenol
Concen: 113.759 ng
RT: 5.556 min Scan# 437
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

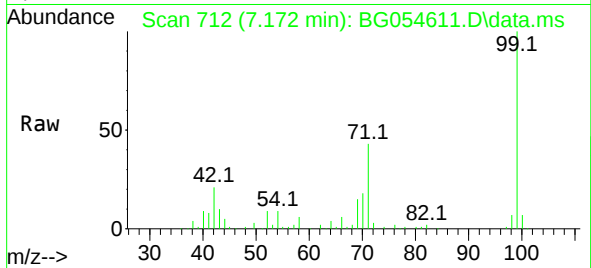
Tgt Ion:112 Resp: 91350
Ion Ratio Lower Upper
112 100
64 61.7 55.1 82.7
63 35.7 30.4 45.6





#7
Phenol-d6
Concen: 111.552 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

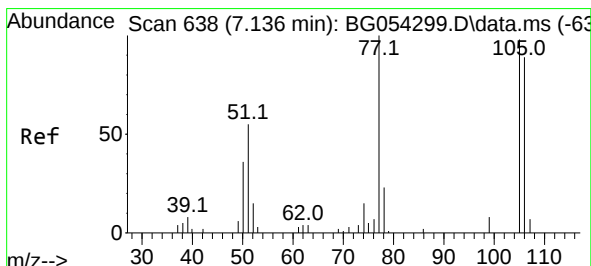
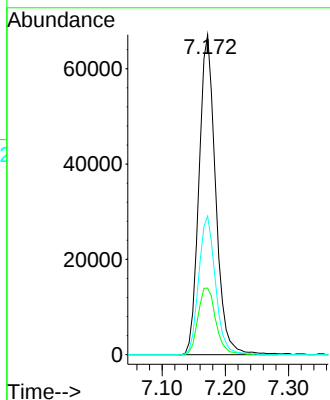
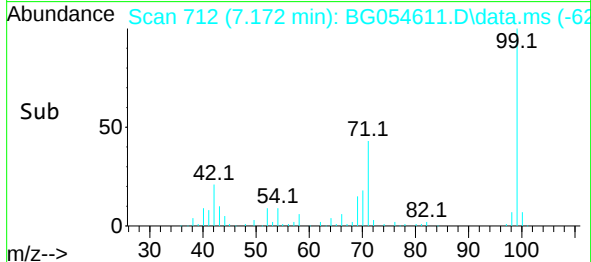
Instrument :
BNA_G
ClientSampleId :
SB03



Tgt Ion: 99 Resp: 122744
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.3 33.8 50.8

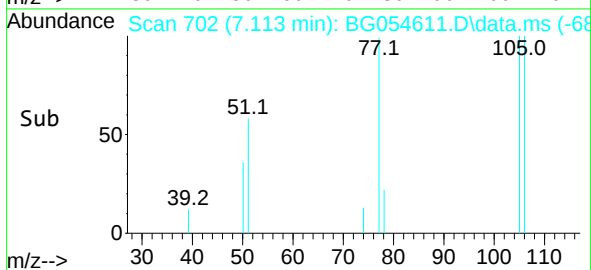
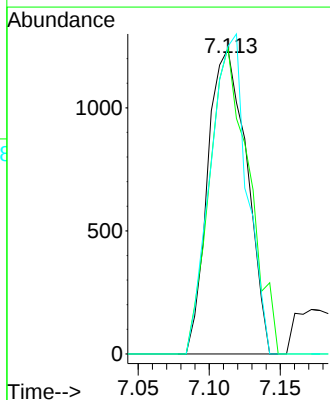
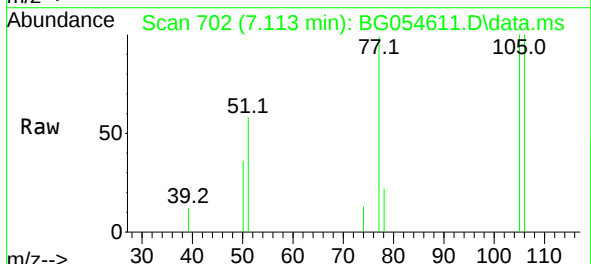
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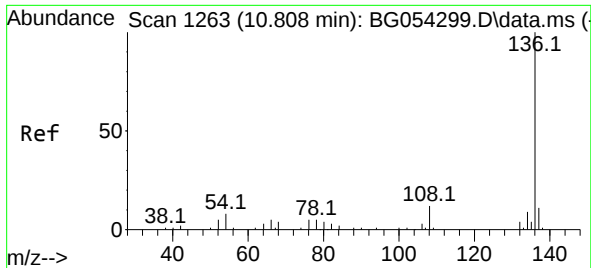
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#9
Benzaldehyde
Concen: 2.052 ng
RT: 7.113 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 77 Resp: 2351
Ion Ratio Lower Upper
77 100
105 100.4 59.6 99.6#
106 100.8 56.8 96.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1104
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

Instrument :

BNA_G

ClientSampleId :

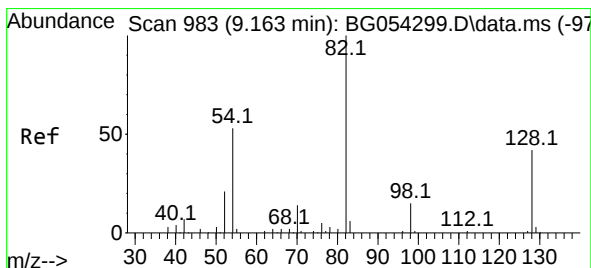
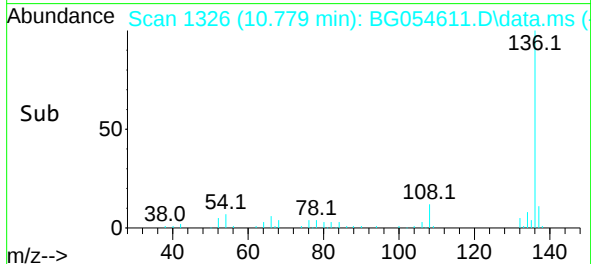
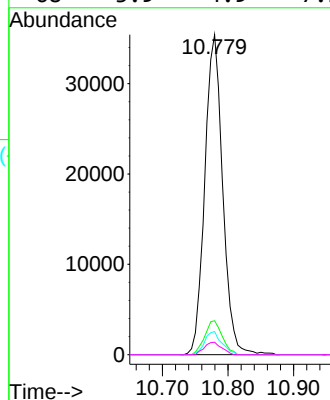
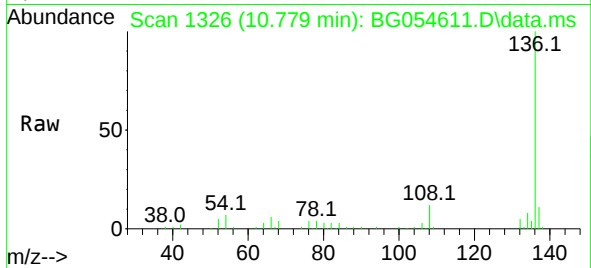
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Tgt Ion:136 Resp: 6732
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.3 7.4 11.2
68 3.9 4.9 7.3#

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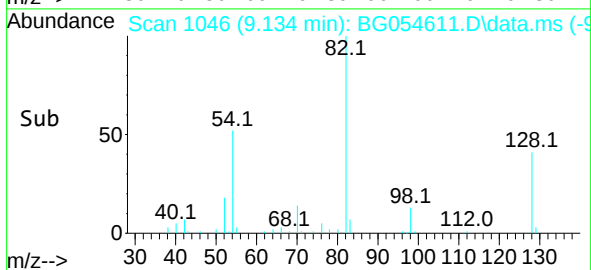
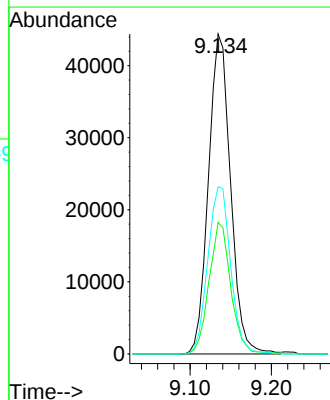
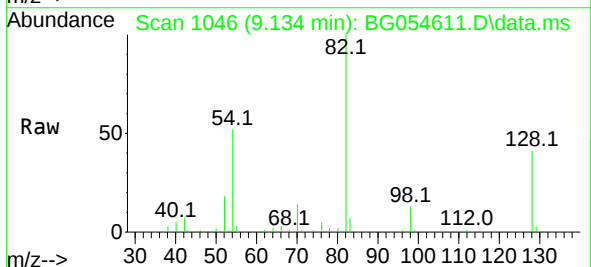
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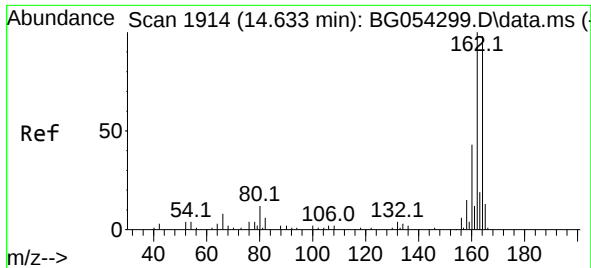
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#23
Nitrobenzene-d5
Concen: 67.758 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

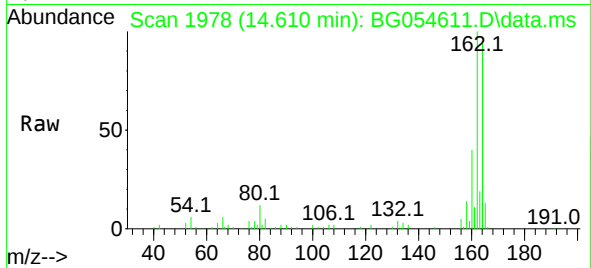
Tgt Ion: 82 Resp: 83766
Ion Ratio Lower Upper
82 100
128 41.1 27.9 41.9
54 52.2 41.2 61.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1914
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

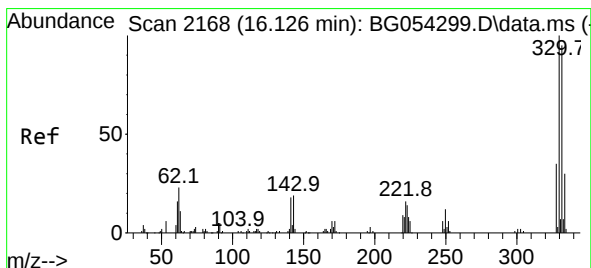
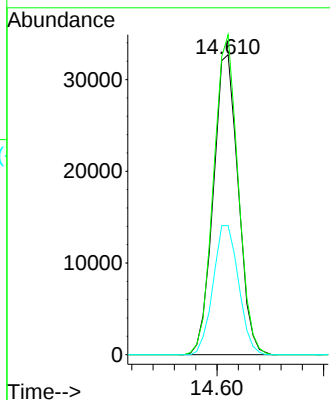
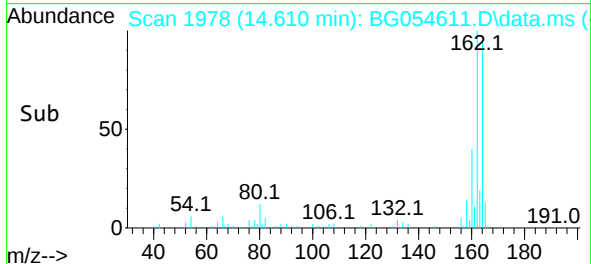
Instrument :
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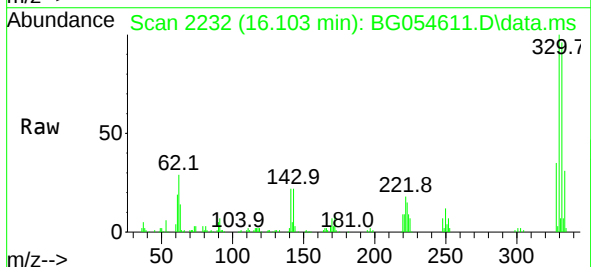
Tgt Ion:164 Resp: 53082
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 43.0 34.2 51.2

Manual Integrations
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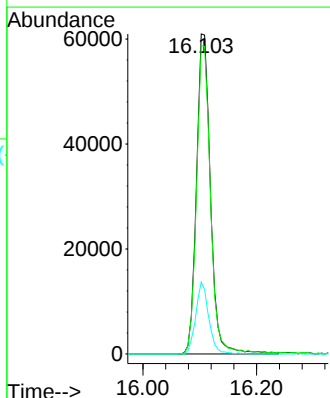
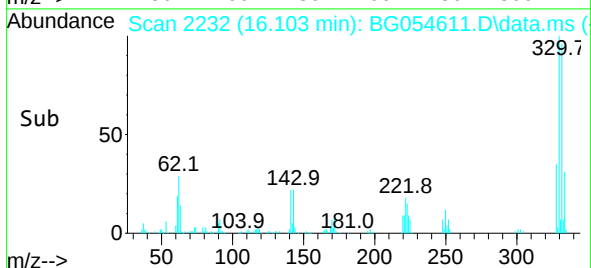
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#42
2,4,6-Tribromophenol
Concen: 93.761 ng
RT: 16.103 min Scan# 2232
Delta R.T. -0.013 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18



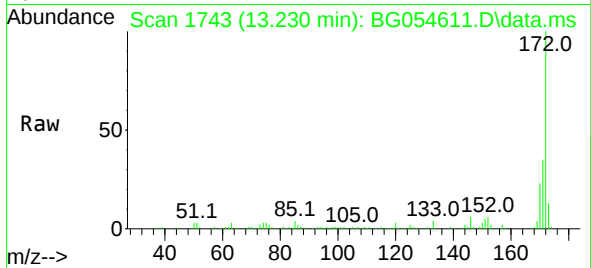
Tgt Ion:330 Resp: 104499
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.9 27.1 40.7#





#45
2-Fluorobiphenyl
Concen: 67.134 ng
RT: 13.230 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

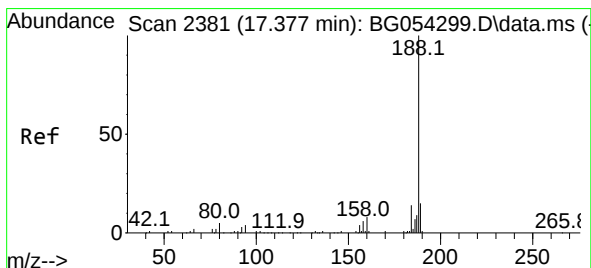
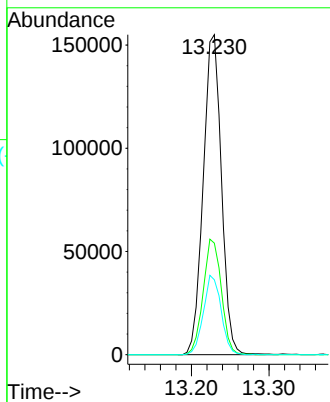
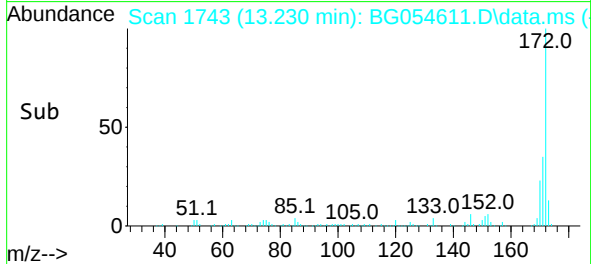
Instrument :
BNA_G
ClientSampleId :
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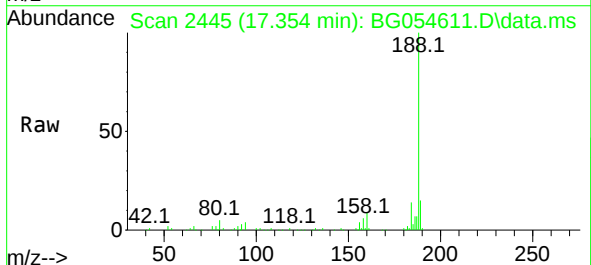
Tgt Ion:172 Resp: 252615
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.4 18.9 28.3

Manual Integrations
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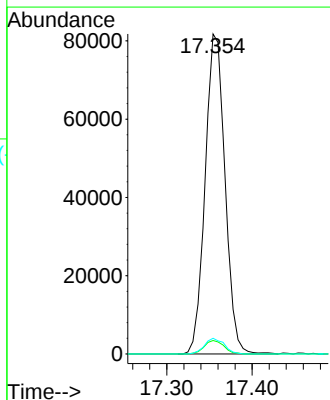
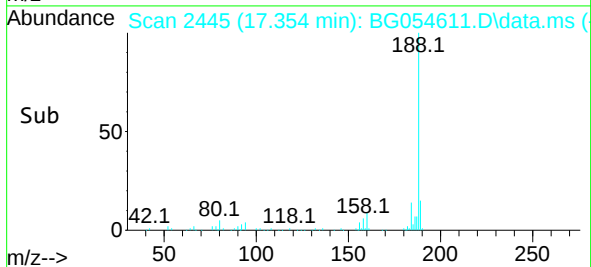
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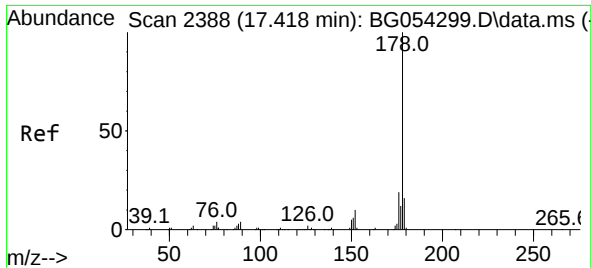


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18



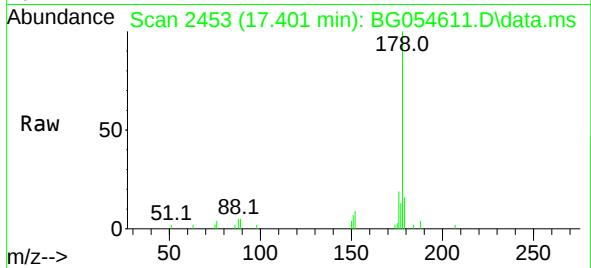
Tgt Ion:188 Resp: 132286
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.9 6.8 10.2#





#71
Phenanthrene
Concen: 2.131 ng
RT: 17.401 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

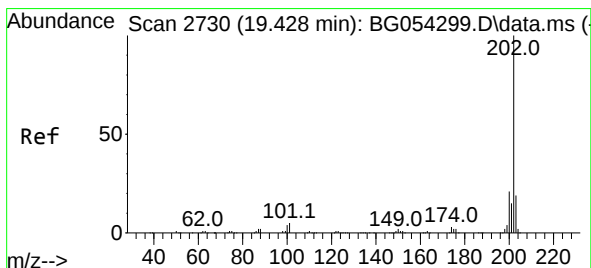
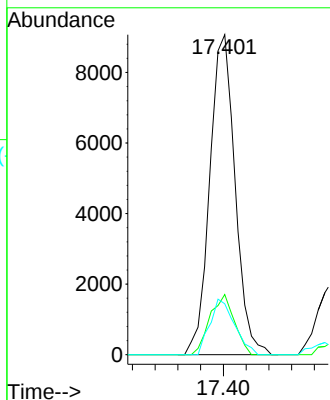
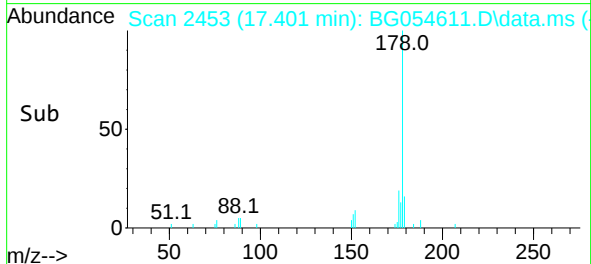
Instrument :
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Tgt Ion:178 Resp: 14038
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.9 12.1 18.1

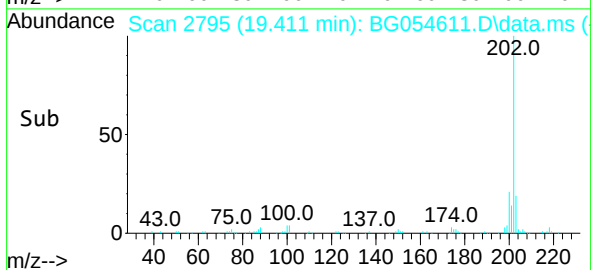
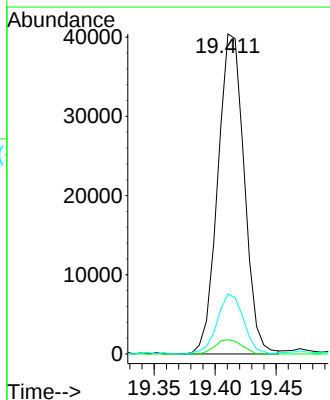
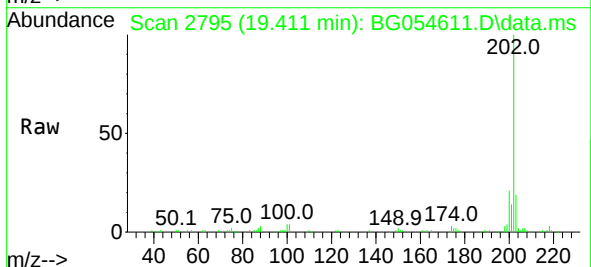
Manual Integrations
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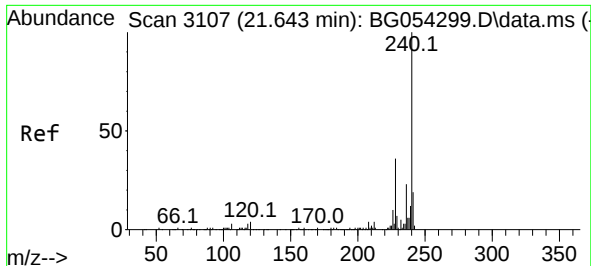
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#75
Fluoranthene
Concen: 6.779 ng
RT: 19.411 min Scan# 2795
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

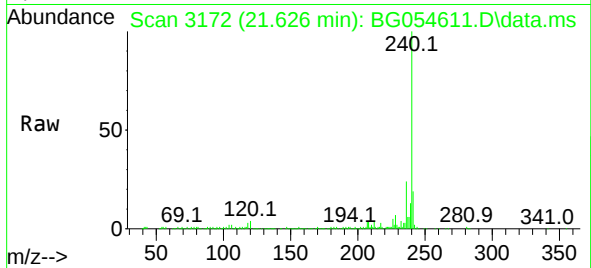
Tgt Ion:202 Resp: 60881
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.626 min Scan# 3107
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

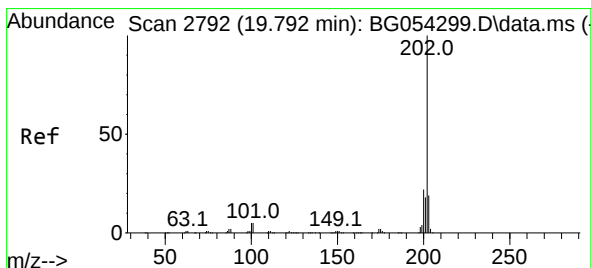
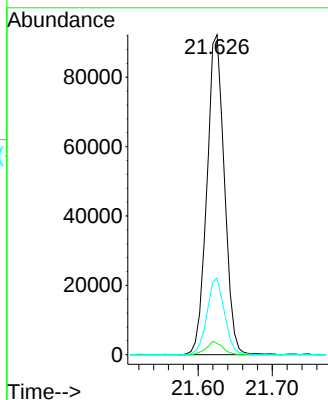
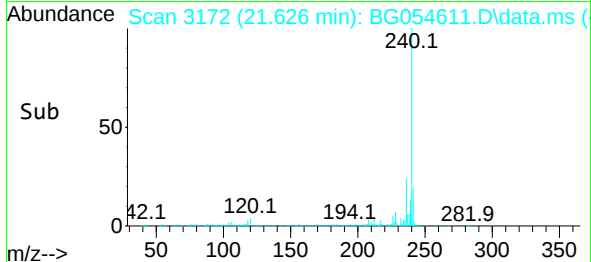
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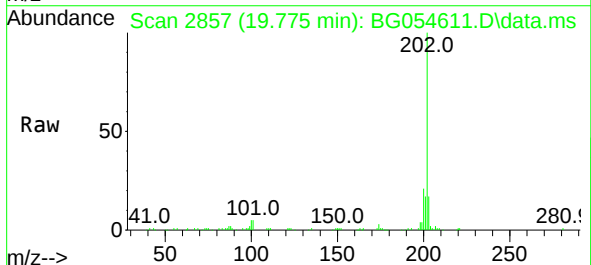
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Ion Ratio Lower Upper
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120 3.5 4.6 7.0
236 24.0 20.2 30.4

Manual Integrations
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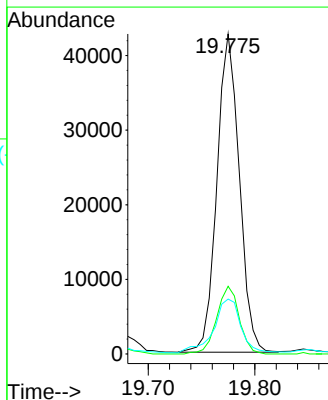
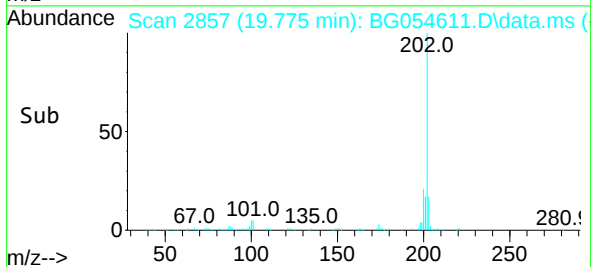
Reviewed By :Christian Giraldo 08/12/2022
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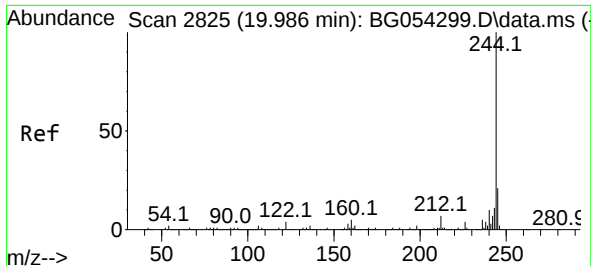


#78
Pyrene
Concen: 7.186 ng
RT: 19.775 min Scan# 2857
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18



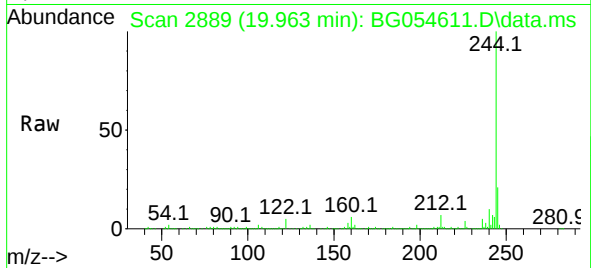
Tgt Ion:202 Resp: 62159
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 70.848 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054611.D
 Acq: 11 Aug 2022 19:18

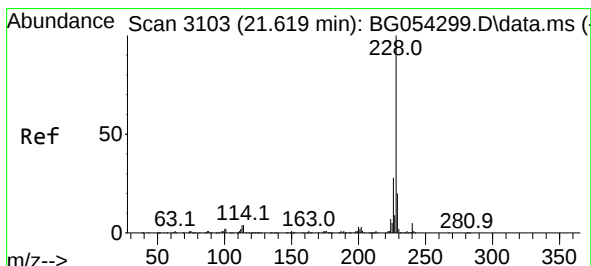
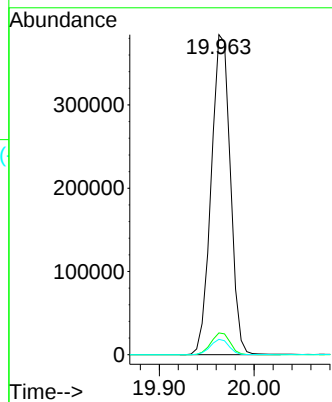
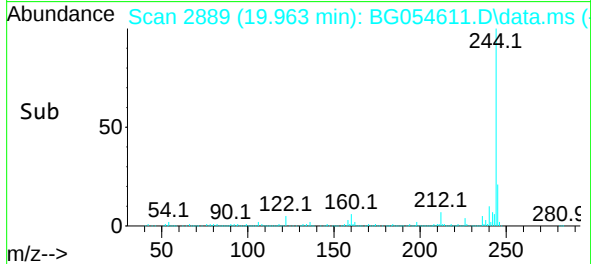
Instrument :
 BNA_G
 ClientSampleId :
 SB03



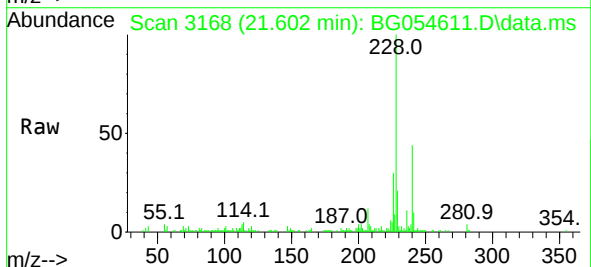
Tgt Ion:244 Resp: 53841
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.8 5.0 7.4

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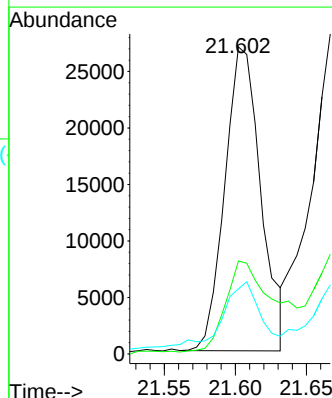
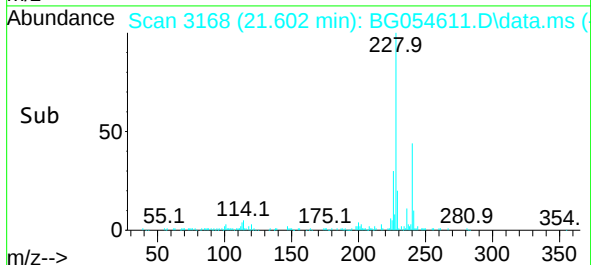
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

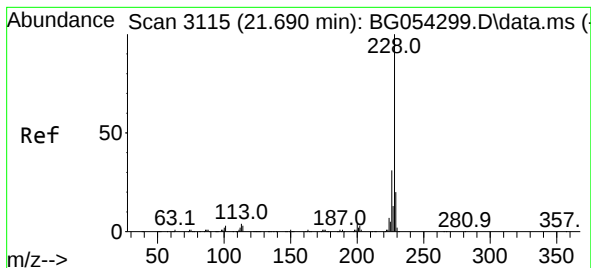


#81
 Benzo(a)anthracene
 Concen: 4.971 ng
 RT: 21.602 min Scan# 3168
 Delta R.T. -0.013 min
 Lab File: BG054611.D
 Acq: 11 Aug 2022 19:18



Tgt Ion:228 Resp: 47573
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.6 32.4
 229 21.2 16.2 24.2





#83

Chrysene

Concen: 6.167 ng

RT: 21.667 min Scan# 3115

Delta R.T. -0.013 min

Lab File: BG054611.D

Acq: 11 Aug 2022 19:18

Instrument :

BNA_G

ClientSampleId :

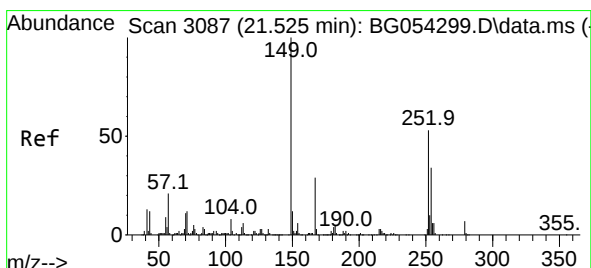
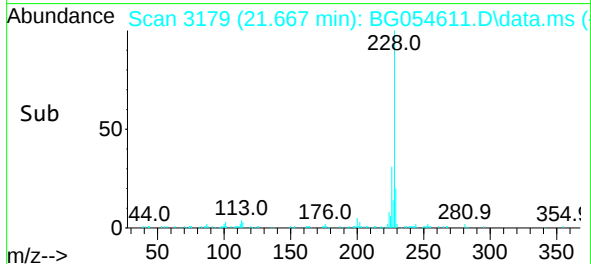
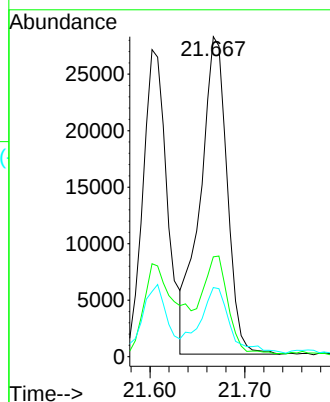
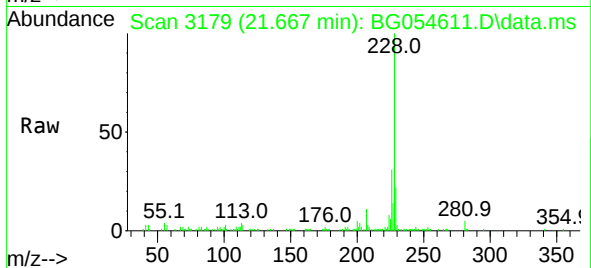
SB03

Tgt Ion:228 Resp: 5575
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 21.6 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.115 ng

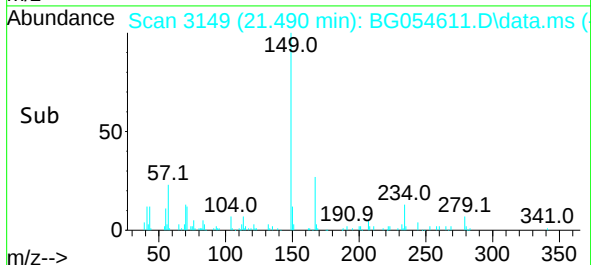
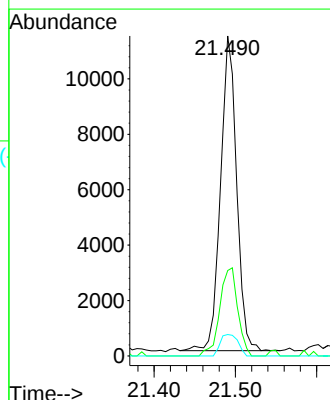
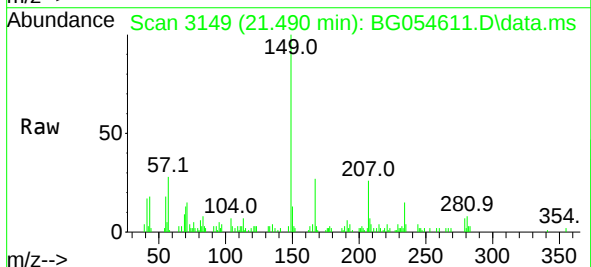
RT: 21.490 min Scan# 3149

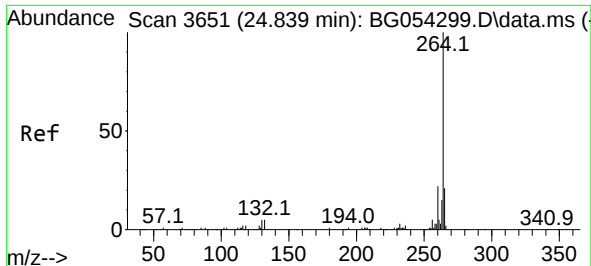
Delta R.T. -0.007 min

Lab File: BG054611.D

Acq: 11 Aug 2022 19:18

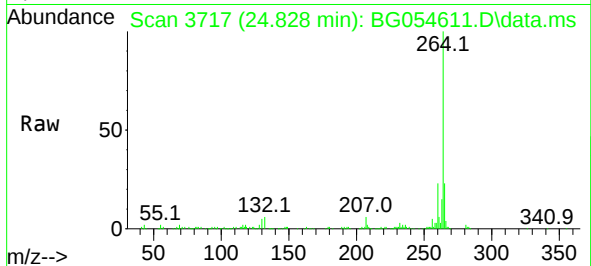
Tgt Ion:149 Resp: 15696
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 6.7 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.828 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

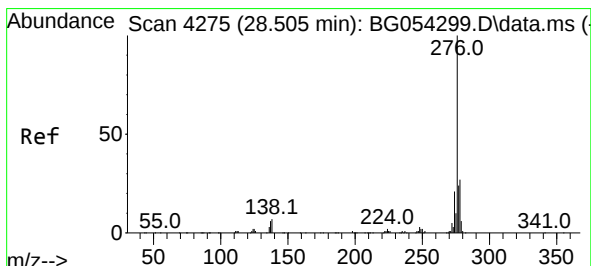
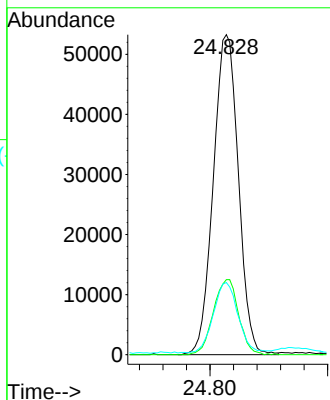
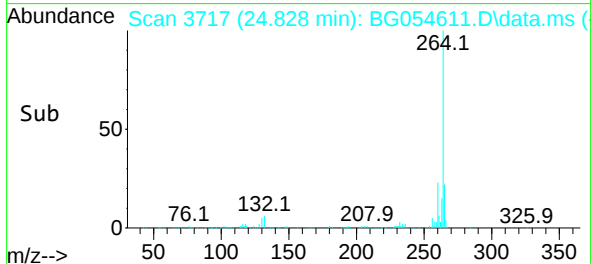
Instrument :
BNA_G
ClientSampleId :
SB03



Tgt Ion:264 Resp: 15756
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.5 17.4 26.2

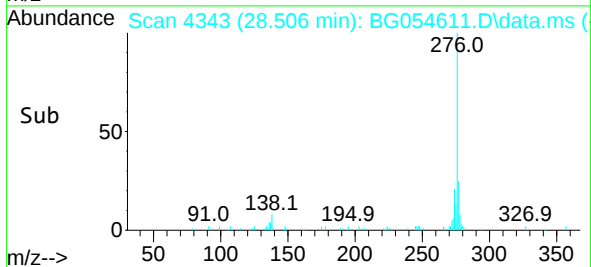
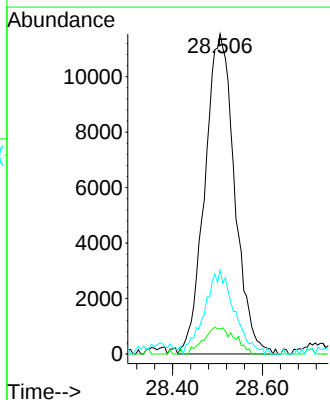
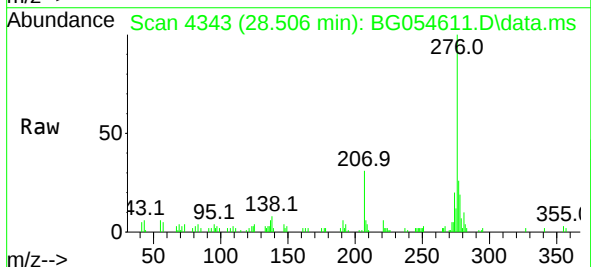
Manual Integrations
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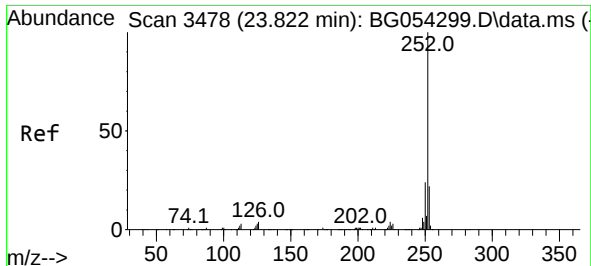
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.426 ng
RT: 28.506 min Scan# 4343
Delta R.T. -0.025 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

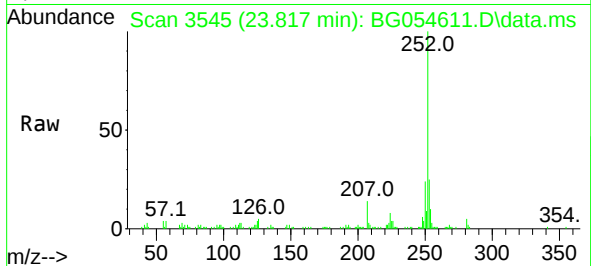
Tgt Ion:276 Resp: 53047
Ion Ratio Lower Upper
276 100
138 8.7 5.0 7.4#
277 12.3 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 9.308 ng
RT: 23.817 min Scan# 3545
Delta R.T. -0.001 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

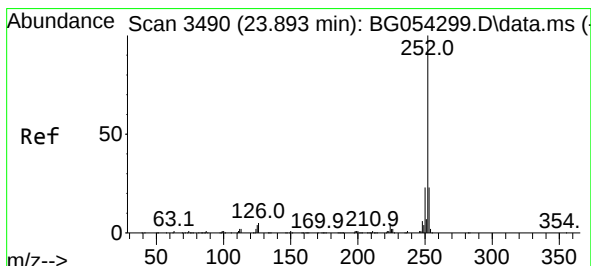
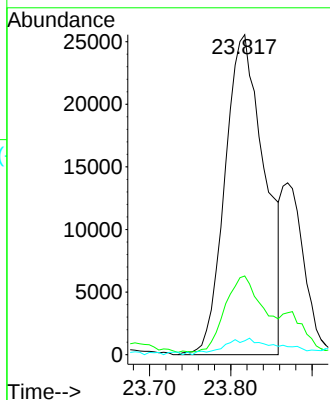
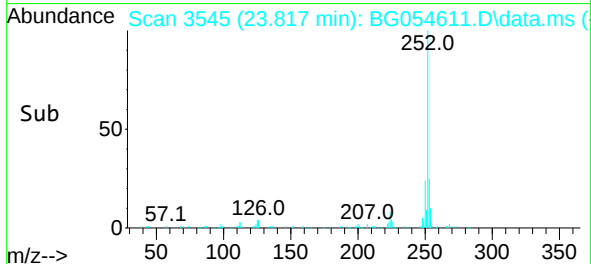
Instrument :
BNA_G
ClientSampleId :
SB03



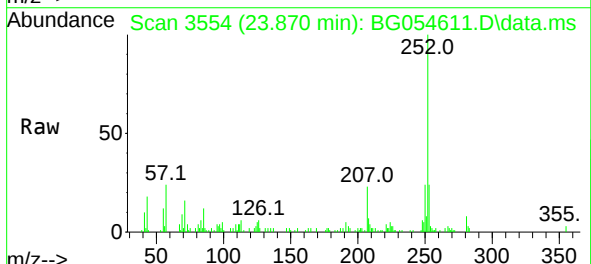
Tgt Ion:252 Resp: 86729
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 4.4 4.6 6.8

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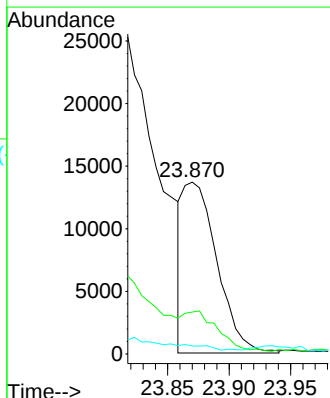
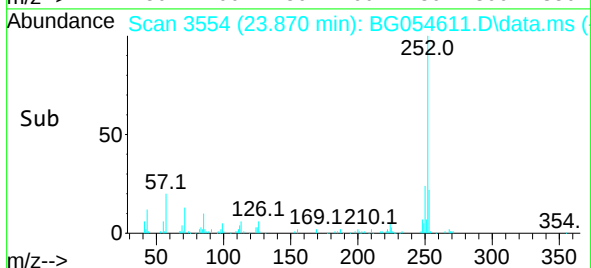
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

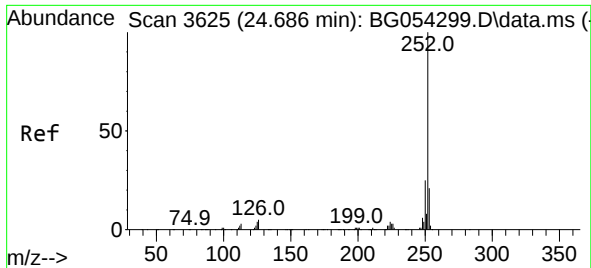


#89
Benzo(k)fluoranthene
Concen: 2.831 ng m
RT: 23.870 min Scan# 3554
Delta R.T. -0.013 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18



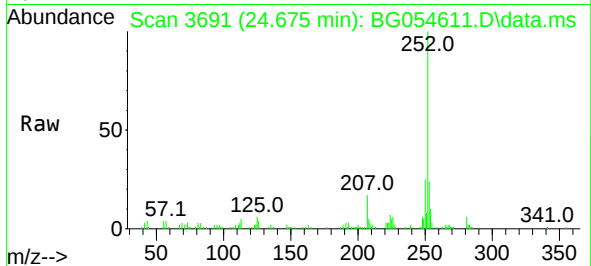
Tgt Ion:252 Resp: 26256
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 4.7 4.8 7.2





#90
Benzo(a)pyrene
Concen: 6.927 ng
RT: 24.675 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18

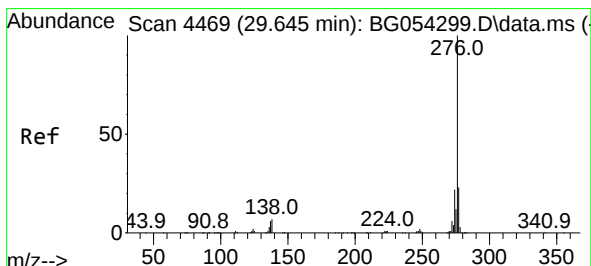
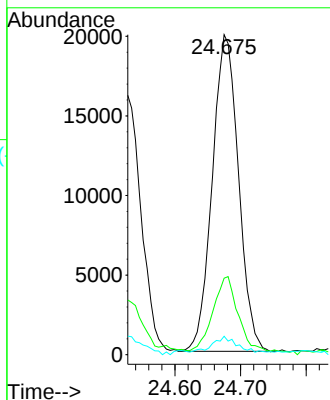
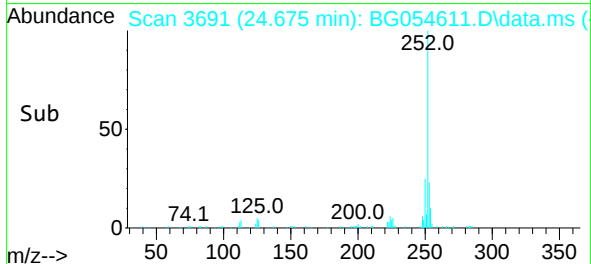
Instrument :
BNA_G
ClientSampleId :
SB03



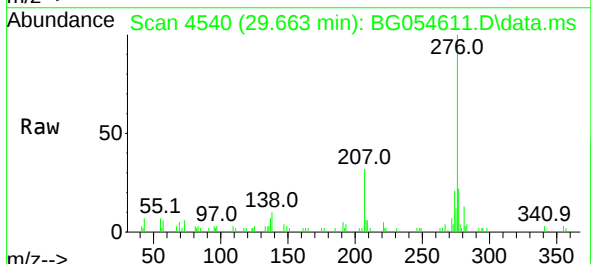
Tgt Ion:252 Resp: 5512
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 5.7 4.3 6.5

Manual Integrations
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Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#92
Benzo(g,h,i)perylene
Concen: 5.384 ng
RT: 29.663 min Scan# 4540
Delta R.T. -0.013 min
Lab File: BG054611.D
Acq: 11 Aug 2022 19:18



Tgt Ion:276 Resp: 52371
Ion Ratio Lower Upper
276 100
277 22.4 17.3 25.9
138 9.5 9.6 14.4#

