

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054382.D
 Acq On : 25 Jul 2022 16:33
 Operator : CG/JU
 Sample : N3858-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B

Quant Time: Jul 26 00:55:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022

Supervised By :Jagrut
 Upadhyay
 07/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	22809	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	87425	20.000	ng	#-0.01
39) Acenaphthene-d10	14.624	164	69174	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	175565	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	193718	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	204854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	91093	83.384	ng	0.00
7) Phenol-d6	7.174	99	131181	87.634	ng	0.00
23) Nitrobenzene-d5	9.149	82	78305	48.776	ng	-0.01
42) 2,4,6-Tribromophenol	16.111	330	121469	83.633	ng	-0.01
45) 2-Fluorobiphenyl	13.244	172	262681	53.570	ng	-0.01
79) Terphenyl-d14	19.977	244	529552	54.230	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.409	178	26171	2.993	ng	97
75) Fluoranthene	19.419	202	55309	4.641	ng	95
78) Pyrene	19.783	202	48273	4.343	ng	99
81) Benzo(a)anthracene	21.610	228	30086	2.447	ng	98
83) Chrysene	21.675	228	27546	2.371	ng	94
88) Benzo(b)fluoranthene	23.820	252	42386m	3.499	ng	
90) Benzo(a)pyrene	24.677	252	29733	2.874	ng	# 94

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

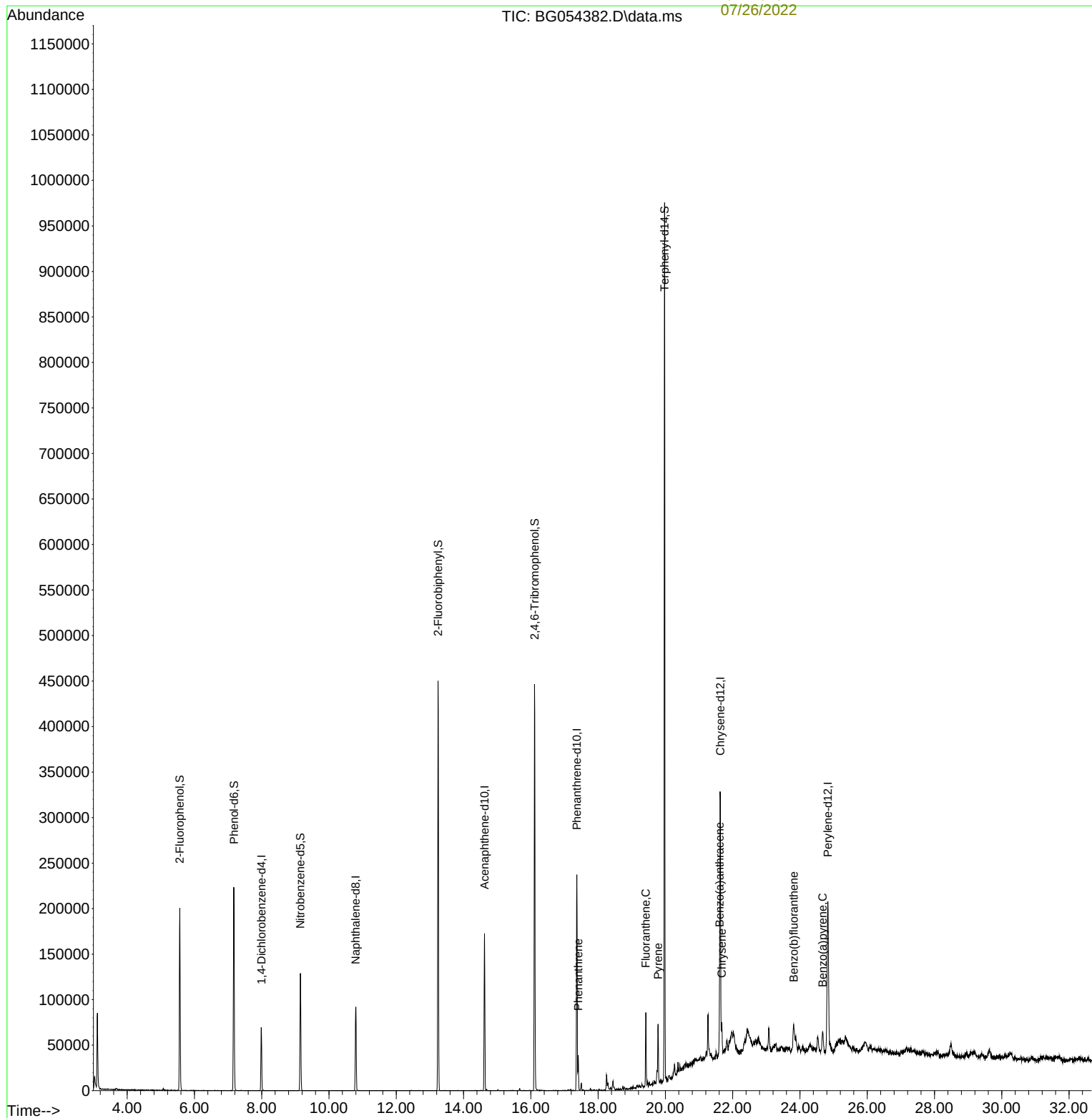
Instrument :
BNA_G
ClientSampleId :
SB-B

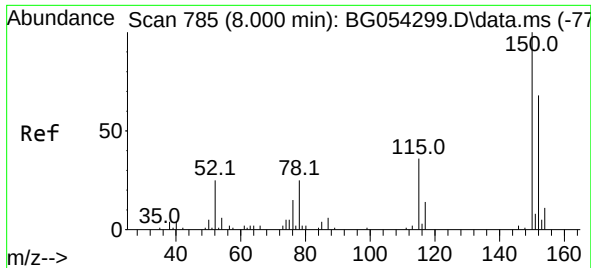
Quant Time: Jul 26 00:55:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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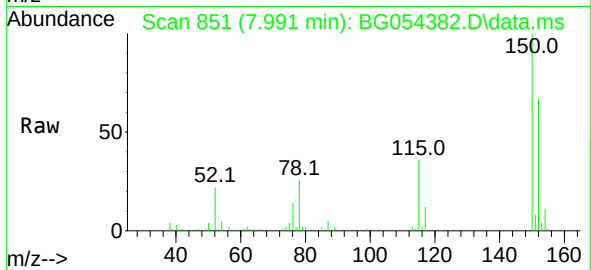
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

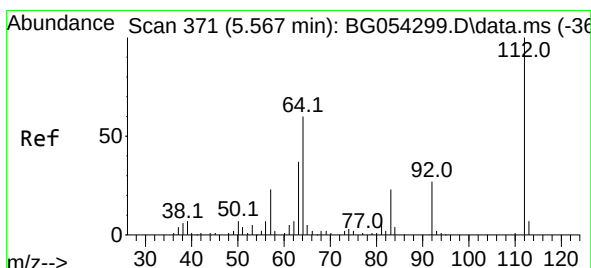
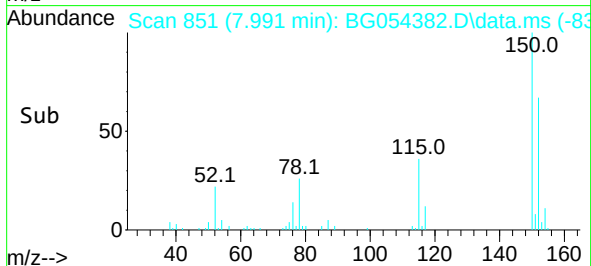
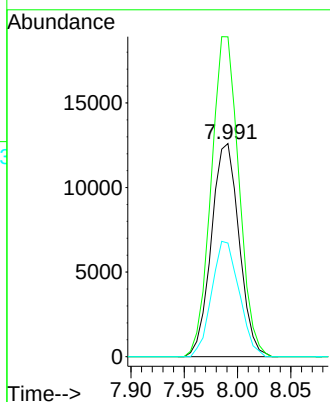


Tgt Ion:152 Resp: 22809
Ion Ratio Lower Upper
152 100
150 150.1 131.6 197.4
115 53.3 50.9 76.3

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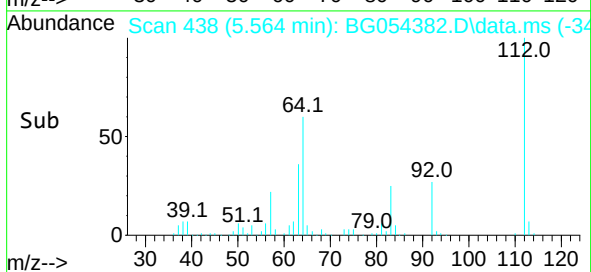
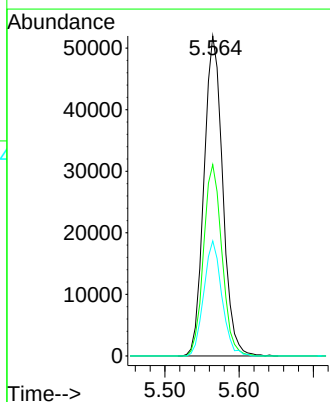
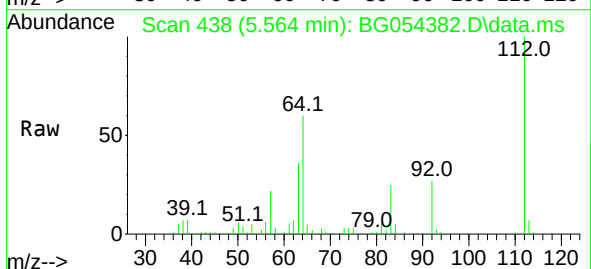
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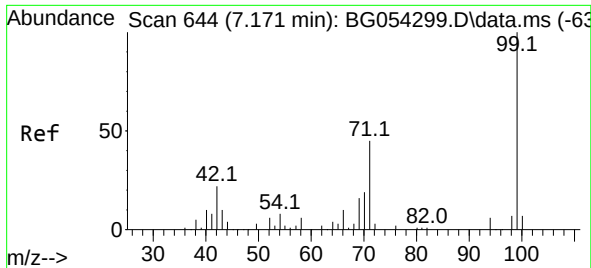
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#5
2-Fluorophenol
Concen: 83.384 ng
RT: 5.564 min Scan# 438
Delta R.T. -0.003 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

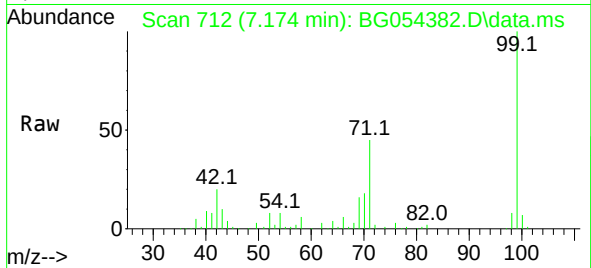
Tgt Ion:112 Resp: 91093
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.9 30.4 45.6





#7
Phenol-d6
Concen: 87.634 ng
RT: 7.174 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

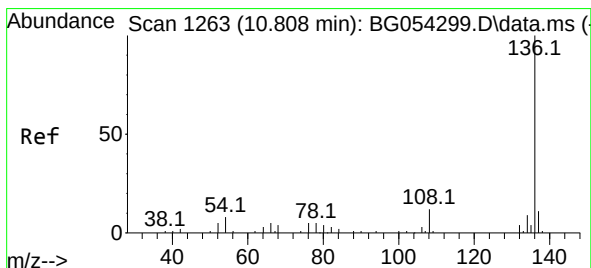
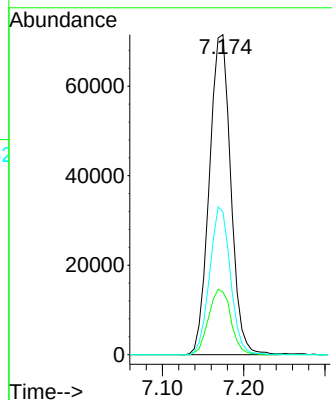


Tgt Ion: 99 Resp: 13118
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 44.6 33.8 50.8

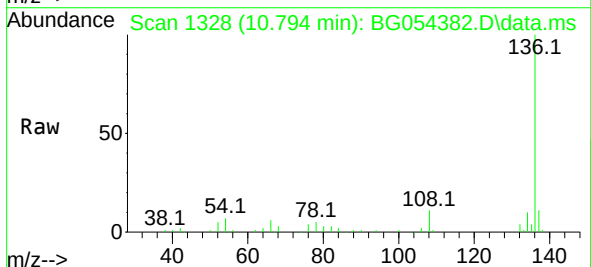
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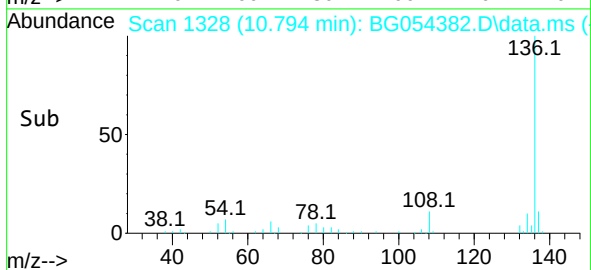
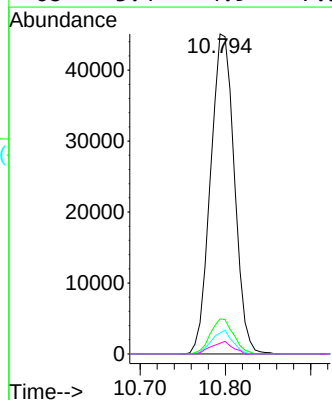
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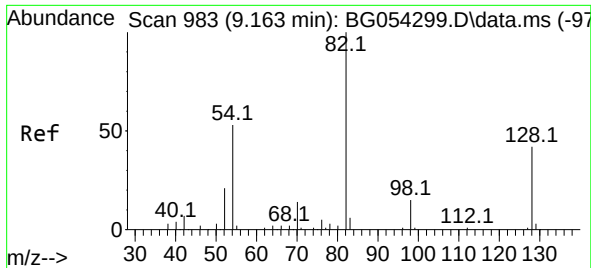


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.014 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33



Tgt Ion:136 Resp: 87425
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.5 7.4 11.2#
68 3.4 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 48.776 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.015 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :

BNA_G

ClientSampleId :

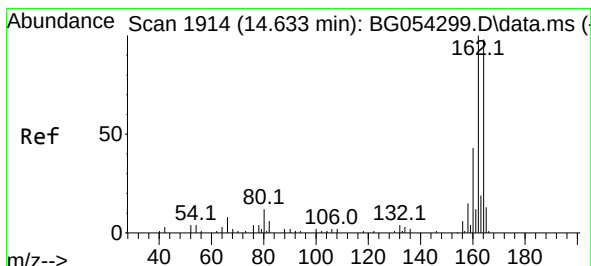
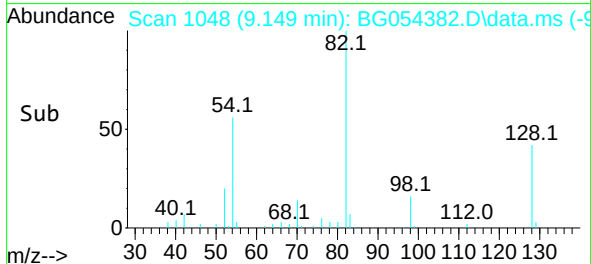
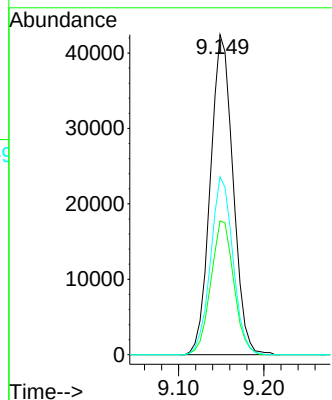
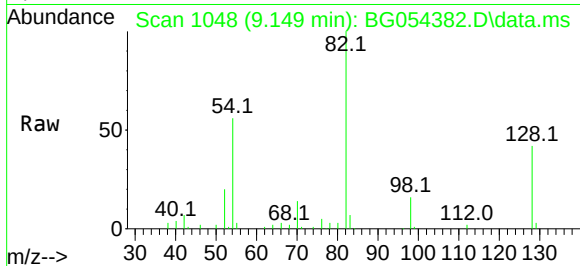
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Tgt Ion: 82 Resp: 7830
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 55.6 41.2 61.8

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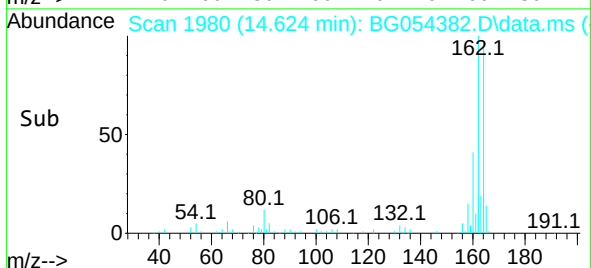
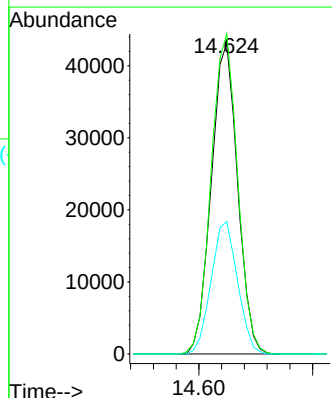
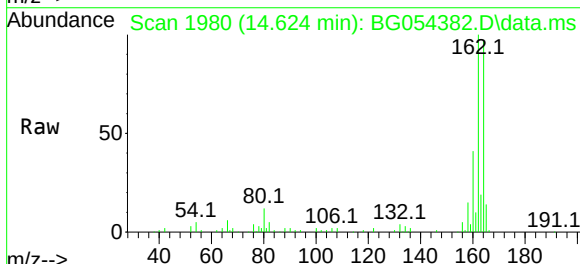
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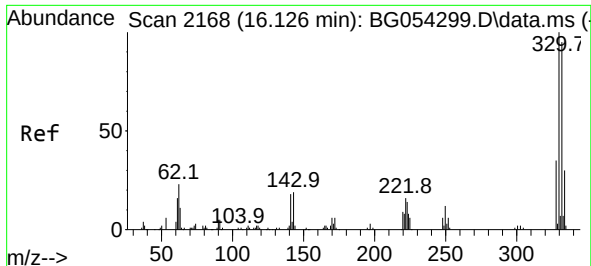
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

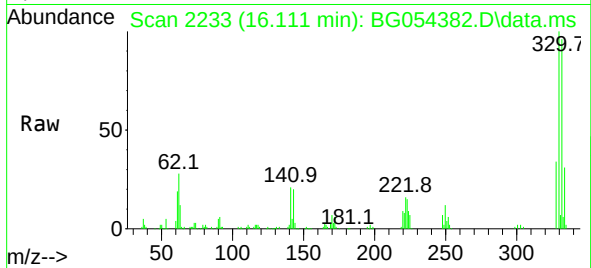
Tgt Ion:164 Resp: 69174
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 42.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 83.633 ng
RT: 16.111 min Scan# 2168
Delta R.T. -0.015 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

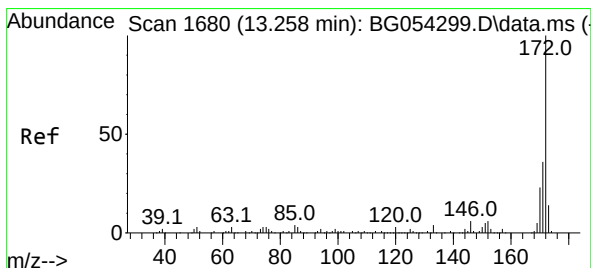
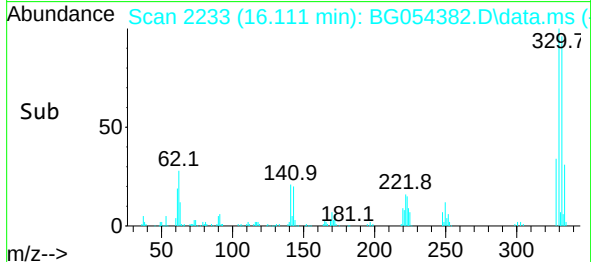
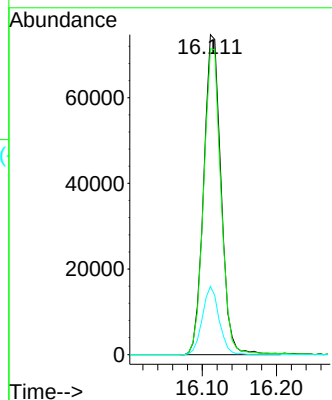


Tgt Ion:330 Resp: 121469
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 20.6 27.1 40.7

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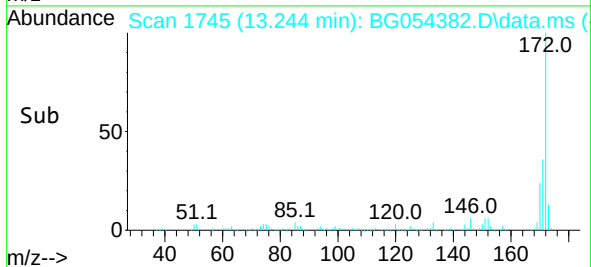
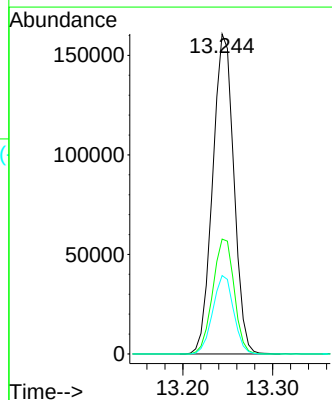
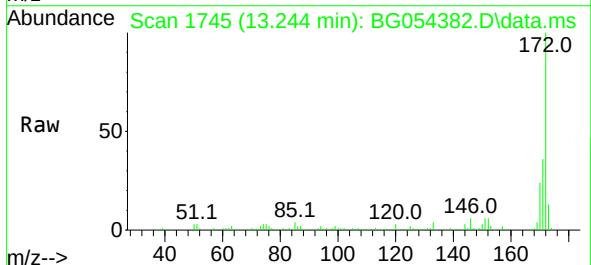
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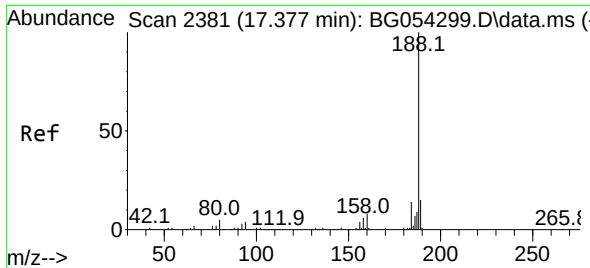
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#45
2-Fluorobiphenyl
Concen: 53.570 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.015 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

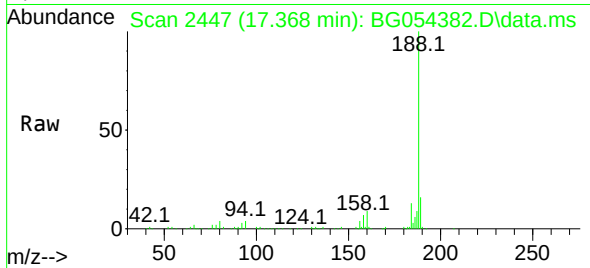
Tgt Ion:172 Resp: 262681
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

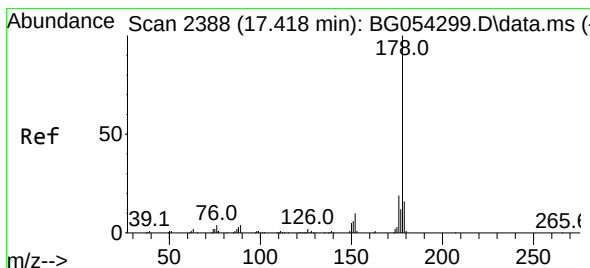
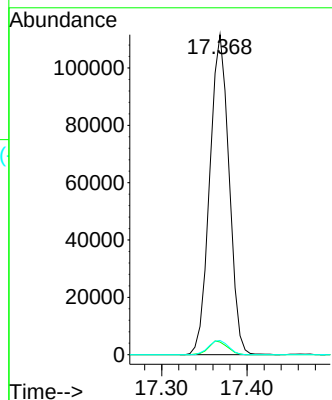
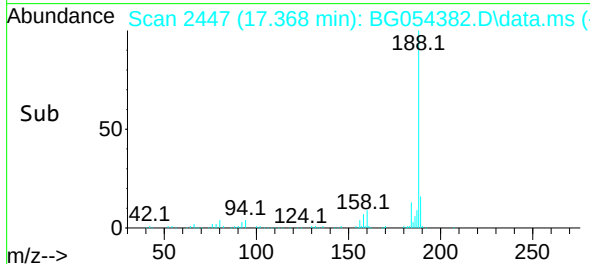


Tgt Ion:188 Resp: 17556
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 4.5 6.8 10.2

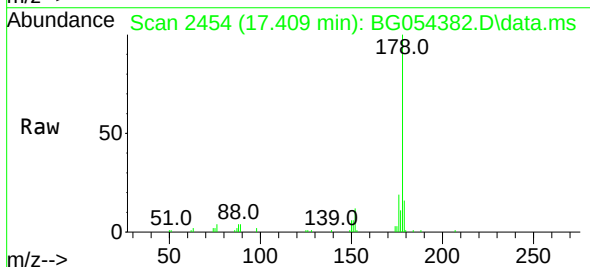
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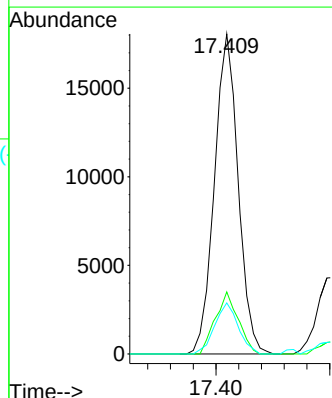
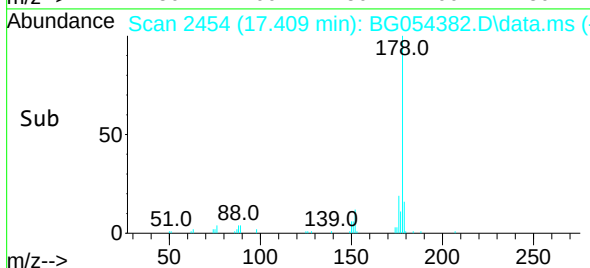
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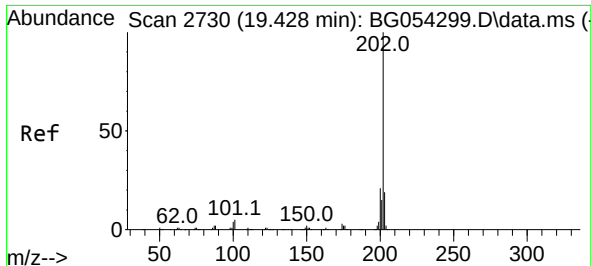


#71
Phenanthrene
Concen: 2.993 ng
RT: 17.409 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33



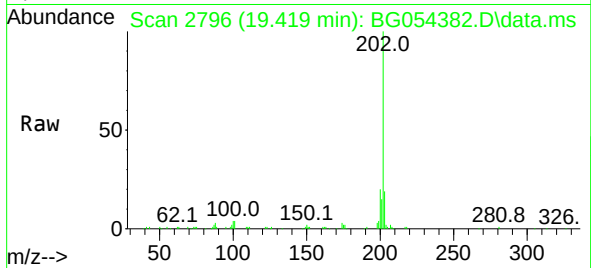
Tgt Ion:178 Resp: 26171
Ion Ratio Lower Upper
178 100
176 19.4 14.1 21.1
179 16.0 12.1 18.1





#75
Fluoranthene
Concen: 4.641 ng
RT: 19.419 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

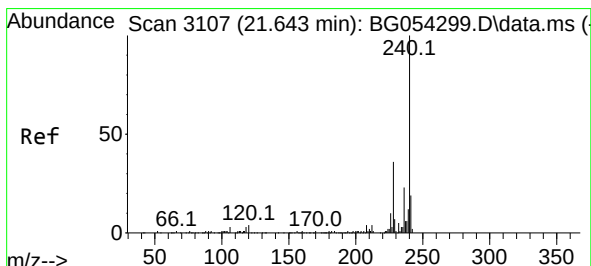
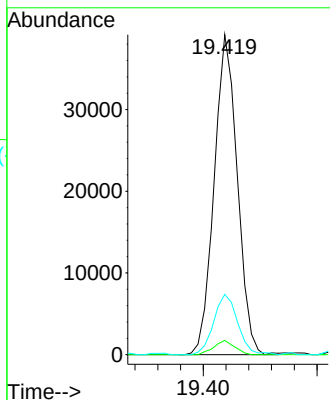
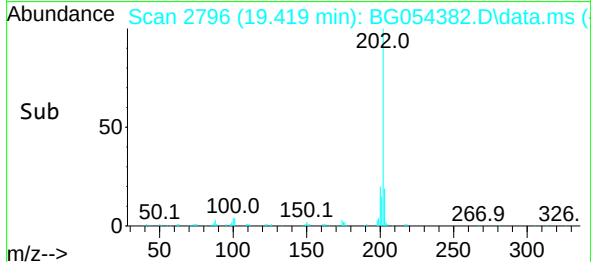


Tgt Ion:202 Resp: 55309
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.9 0.0 37.2

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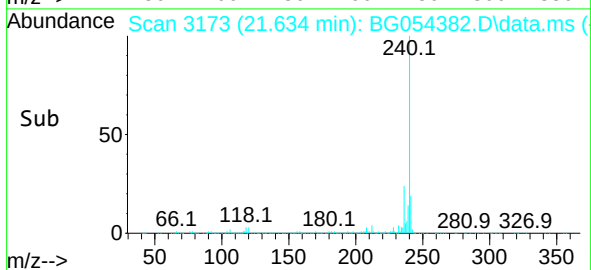
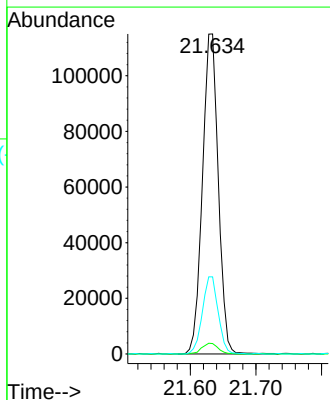
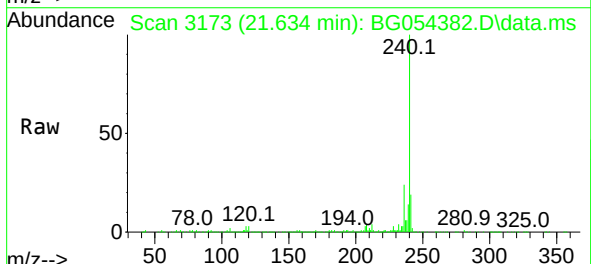
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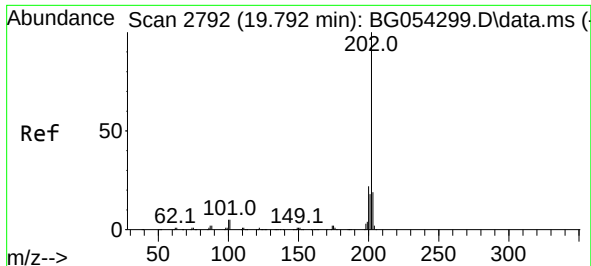
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

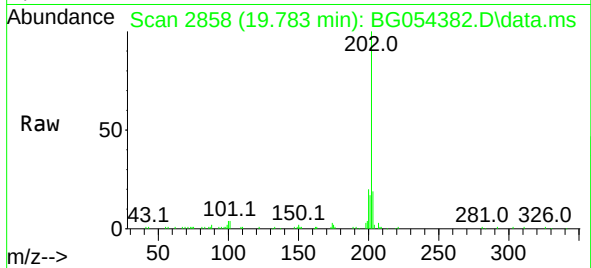
Tgt Ion:240 Resp: 193718
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 24.1 20.2 30.4





#78
 Pyrene
 Concen: 4.343 ng
 RT: 19.783 min Scan# 2858
 Delta R.T. -0.009 min
 Lab File: BG054382.D
 Acq: 25 Jul 2022 16:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-B

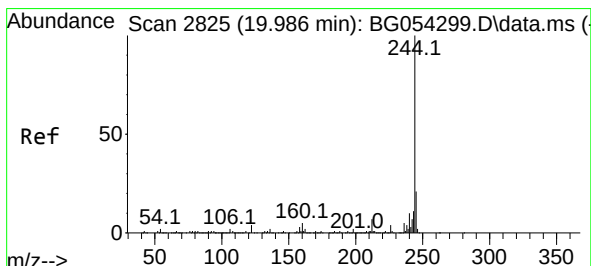
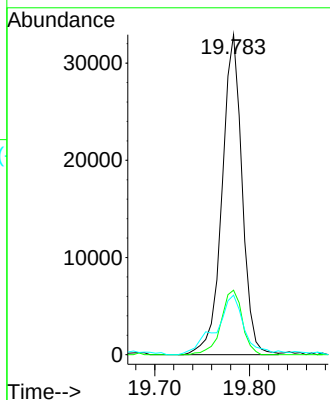
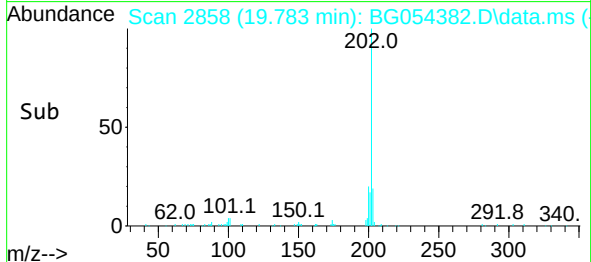


Tgt Ion:202 Resp: 4827
 Ion Ratio Lower Upper
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 200 20.1 16.6 24.8
 203 18.6 14.6 21.8

Manual Integrations
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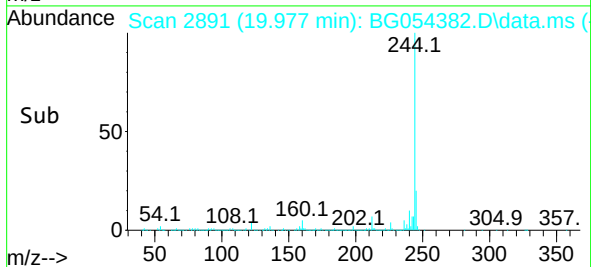
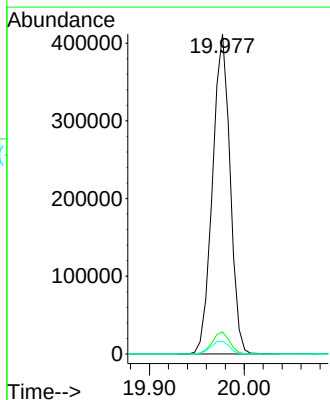
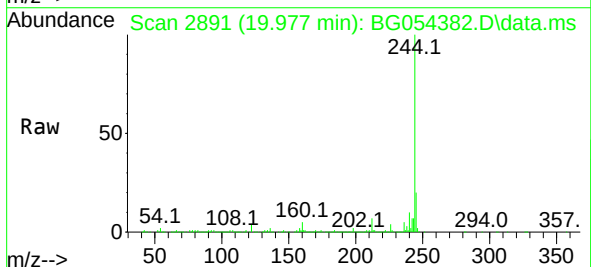
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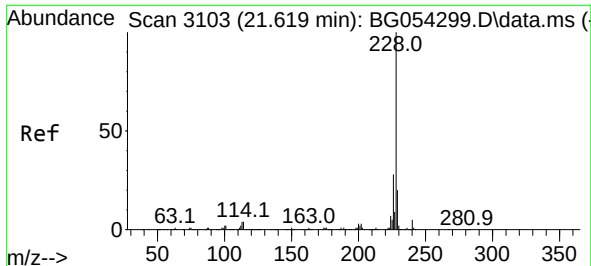
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 07/26/2022



#79
 Terphenyl-d14
 Concen: 54.230 ng
 RT: 19.977 min Scan# 2891
 Delta R.T. -0.009 min
 Lab File: BG054382.D
 Acq: 25 Jul 2022 16:33

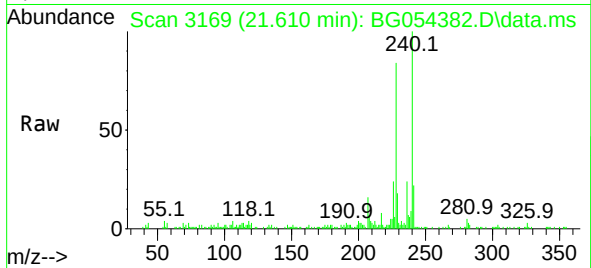
Tgt Ion:244 Resp: 529552
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.0 5.0 7.4





#81
Benzo(a)anthracene
Concen: 2.447 ng
RT: 21.610 min Scan# 3103
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

Instrument :
BNA_G
ClientSampleId :
SB-B

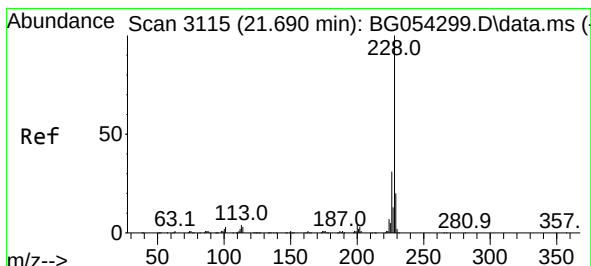
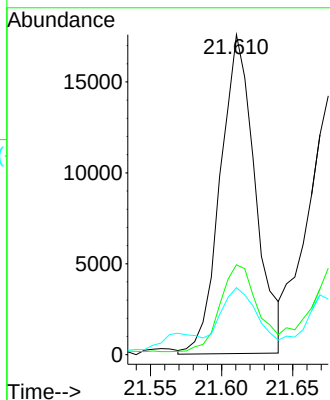
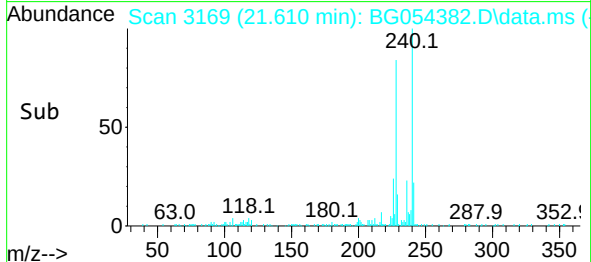


Tgt Ion:228 Resp: 30080
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 21.0 16.2 24.2

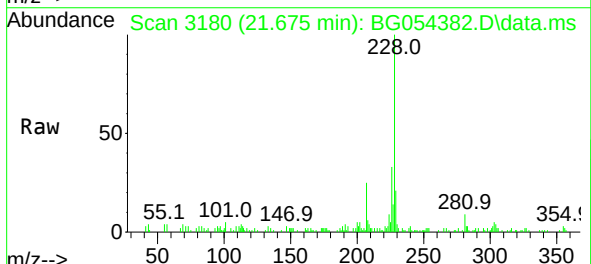
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Supervised By :Jagrut Upadhyay 07/26/2022

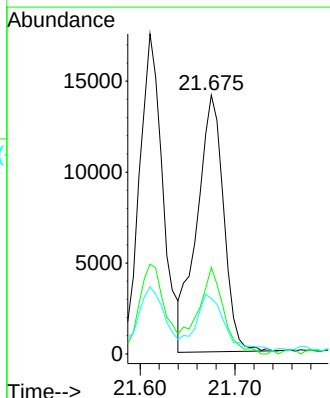
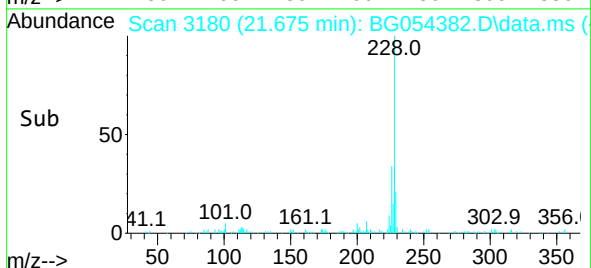
Supervised By :Jagrut
Upadhyay
07/26/2022

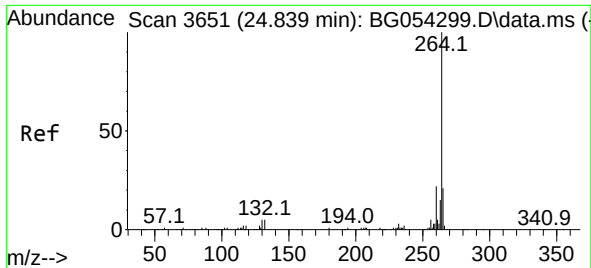


#83
Chrysene
Concen: 2.371 ng
RT: 21.675 min Scan# 3180
Delta R.T. -0.015 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33



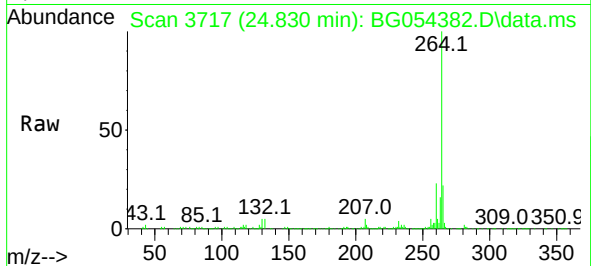
Tgt Ion:228 Resp: 27546
Ion Ratio Lower Upper
228 100
226 33.4 23.4 35.2
229 21.5 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG054382.D
 Acq: 25 Jul 2022 16:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-B

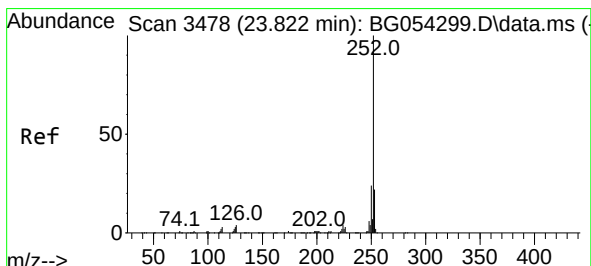
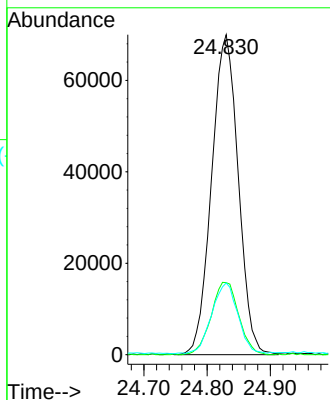
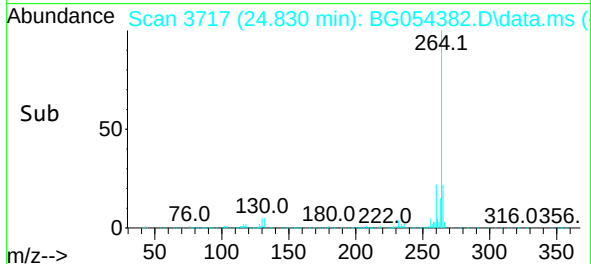


Tgt Ion:264 Resp: 204854
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 22.4 17.4 26.2

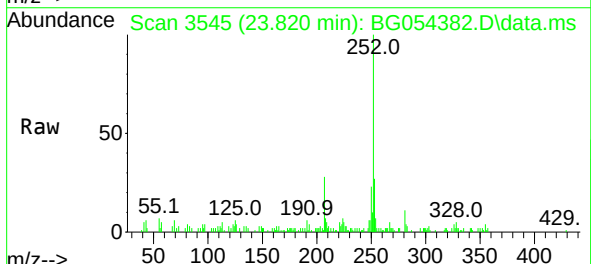
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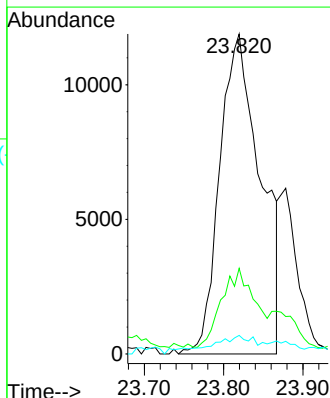
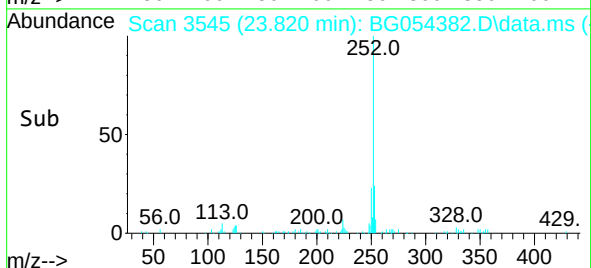
Supervised By :Jagrut
 Upadhyay
 07/26/2022

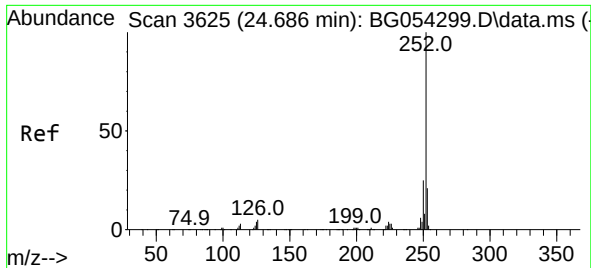


#88
 Benzo(b)fluoranthene
 Concen: 3.499 ng m
 RT: 23.820 min Scan# 3545
 Delta R.T. -0.003 min
 Lab File: BG054382.D
 Acq: 25 Jul 2022 16:33



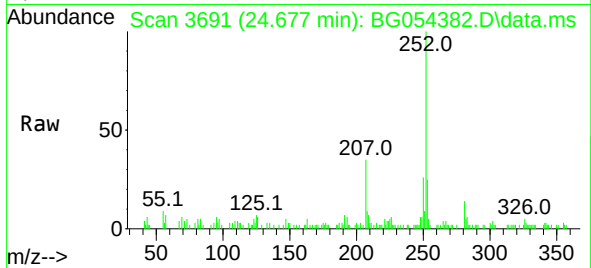
Tgt Ion:252 Resp: 42386
 Ion Ratio Lower Upper
 252 100
 253 26.8 18.0 27.0
 125 5.8 4.6 6.8





#90
Benzo(a)pyrene
Concen: 2.874 ng
RT: 24.677 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG054382.D
Acq: 25 Jul 2022 16:33

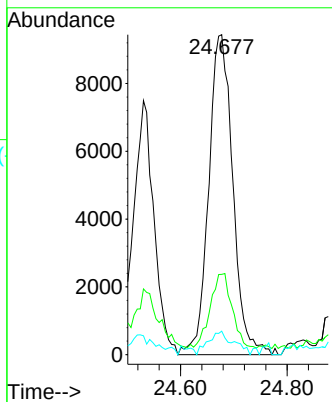
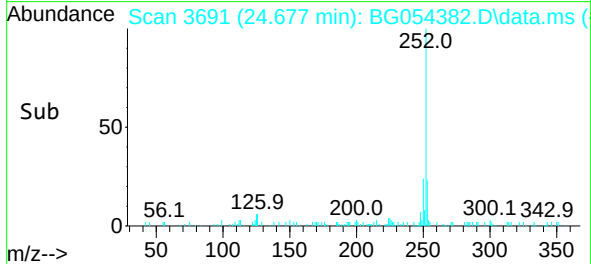
Instrument :
BNA_G
ClientSampleId :
SB-B



Tgt Ion:252 Resp: 2973
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.8
125 7.4 4.3 6.5

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Supervised By :Jagrut Upadhyay 07/26/2022



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Upadhyay
07/26/2022