

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054351.D
 Acq On : 21 Jul 2022 19:11
 Operator : CG/JU
 Sample : N3786-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 02:37:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	20791	20.000	ng	0.00
21) Naphthalene-d8	10.806	136	80088	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	63820	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	155308	20.000	ng	# 0.00
76) Chrysene-d12	21.646	240	161848	20.000	ng	# 0.00
86) Perylene-d12	24.860	264	173630	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	111320	111.790	ng	0.00
7) Phenol-d6	7.180	99	151449	110.994	ng	0.00
23) Nitrobenzene-d5	9.160	82	101293	68.876	ng	0.00
42) 2,4,6-Tribromophenol	16.123	330	142486	106.334	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	307672	68.009	ng	0.00
79) Terphenyl-d14	19.989	244	594237	72.837	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.360	152	12056	2.221	ng	98
71) Phenanthrene	17.421	178	50591	6.541	ng	99
75) Fluoranthene	19.431	202	114136	10.826	ng	95
78) Pyrene	19.795	202	95743	10.310	ng	98
81) Benzo(a)anthracene	21.628	228	63710	6.201	ng	95
83) Chrysene	21.687	228	54766m	5.642	ng	
87) Indeno(1,2,3-cd)pyrene	28.532	276	62387	4.723	ng	# 94
88) Benzo(b)fluoranthene	23.837	252	96309	9.379	ng	99
89) Benzo(k)fluoranthene	23.896	252	30076m	2.943	ng	
90) Benzo(a)pyrene	24.707	252	76829	8.761	ng	# 96
92) Benzo(g,h,i)perylene	29.678	276	62322	5.814	ng	# 93

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

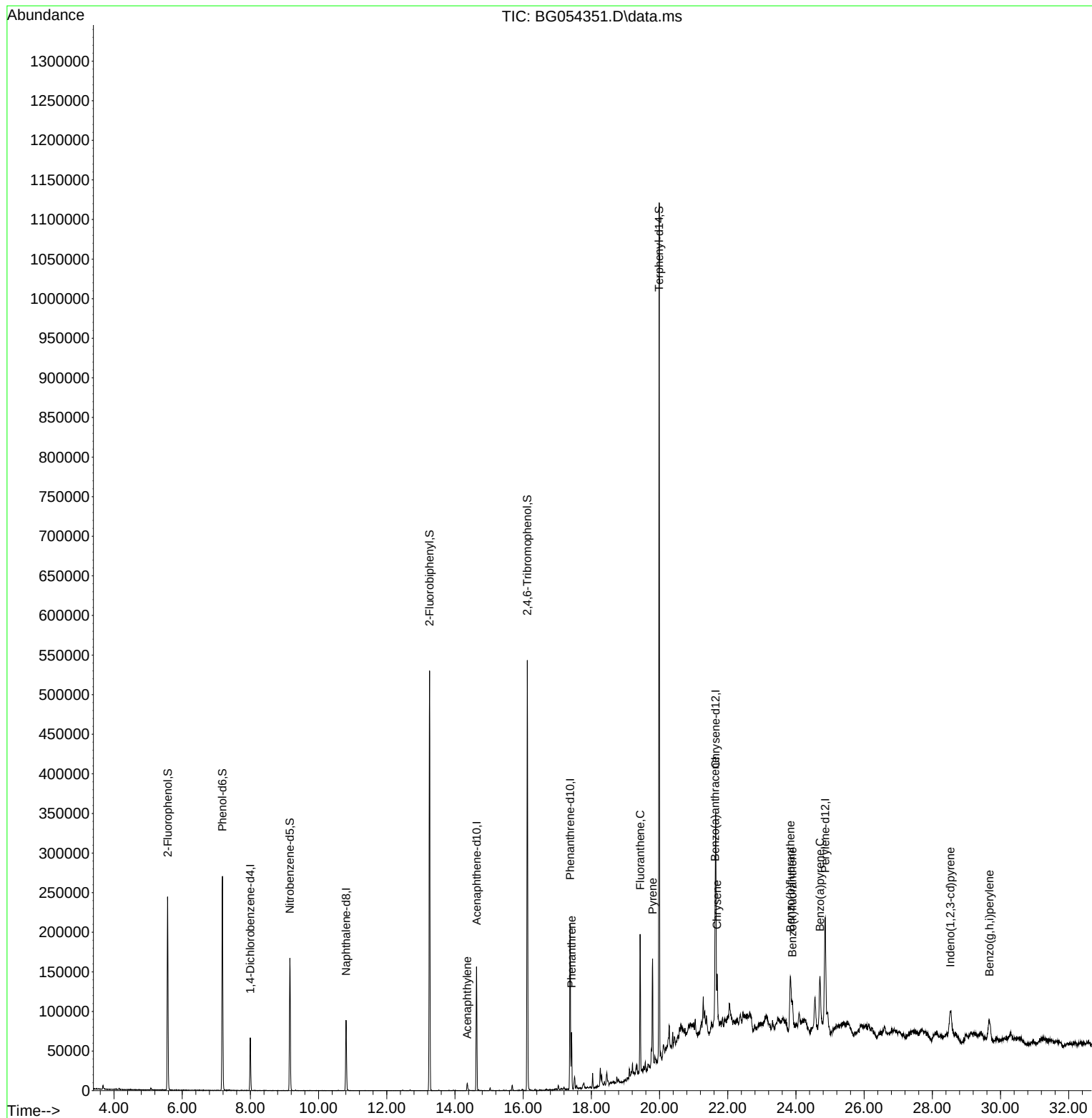
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054351.D
Acq On : 21 Jul 2022 19:11
Operator : CG/JU
Sample : N3786-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

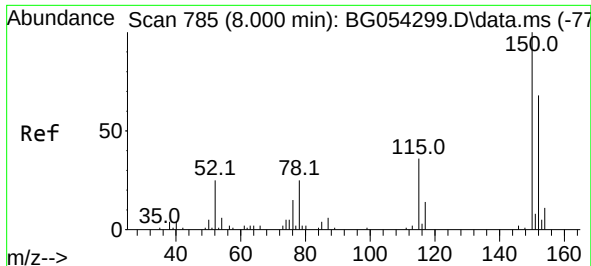
Instrument :
BNA_G
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Quant Time: Jul 22 02:37:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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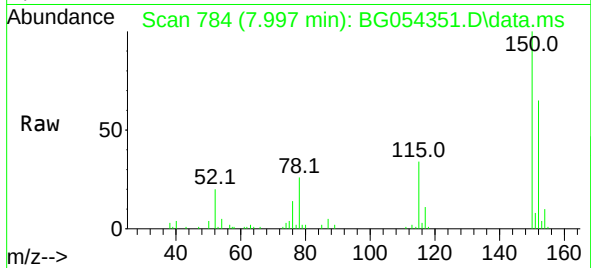
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.997 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

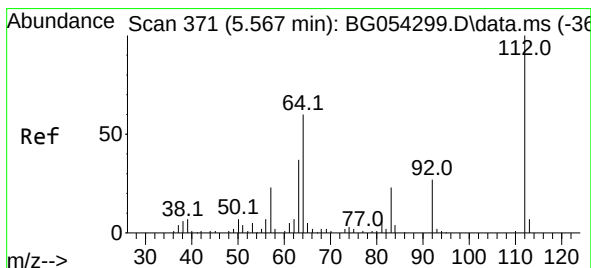
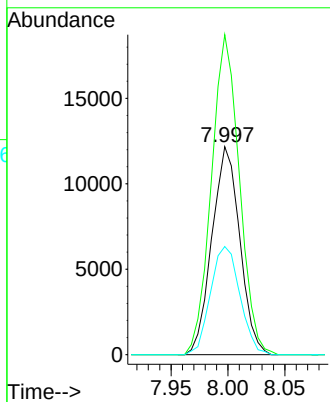
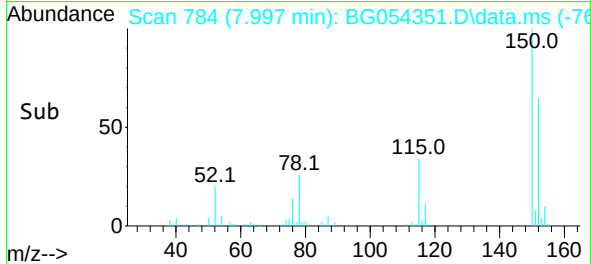
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 2079
Ion Ratio Lower Upper
152 100
150 153.8 131.6 197.4
115 52.0 50.9 76.3

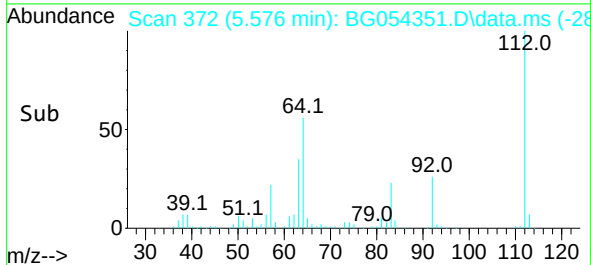
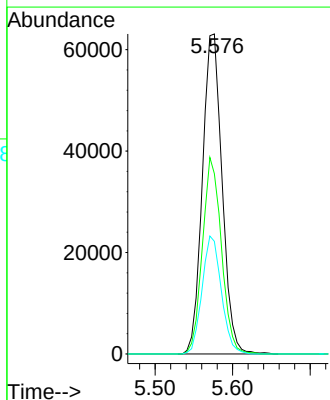
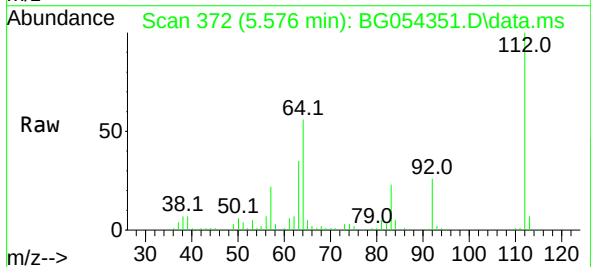
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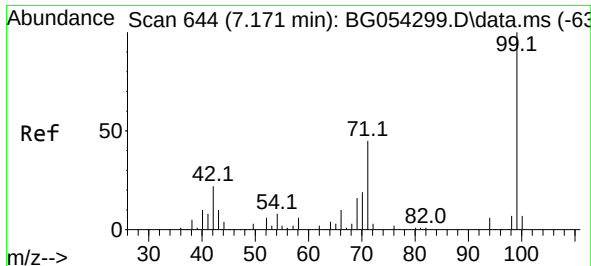
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#5
2-Fluorophenol
Concen: 111.790 ng
RT: 5.576 min Scan# 372
Delta R.T. 0.009 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

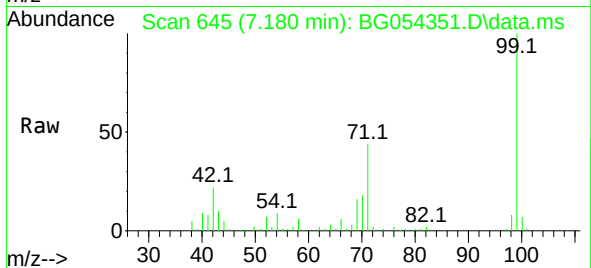
Tgt Ion:112 Resp: 111320
Ion Ratio Lower Upper
112 100
64 56.3 55.1 82.7
63 35.2 30.4 45.6





#7
Phenol-d6
Concen: 110.994 ng
RT: 7.180 min Scan# 644
Delta R.T. 0.009 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

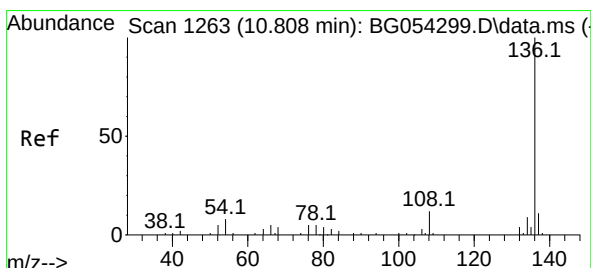
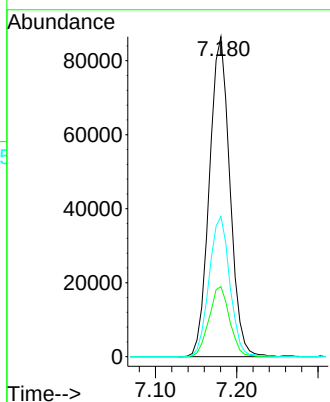
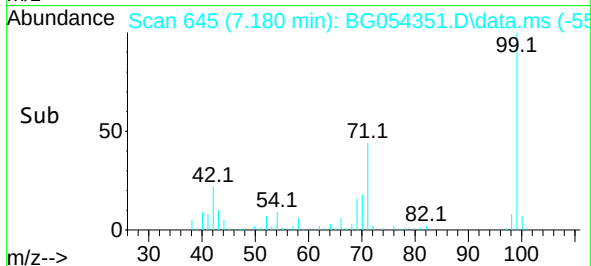
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BNA_G
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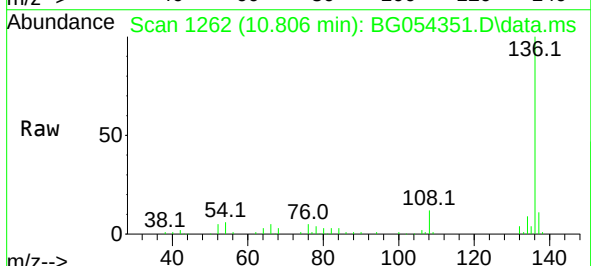
Tgt Ion: 99 Resp: 151449
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.8 33.8 50.8

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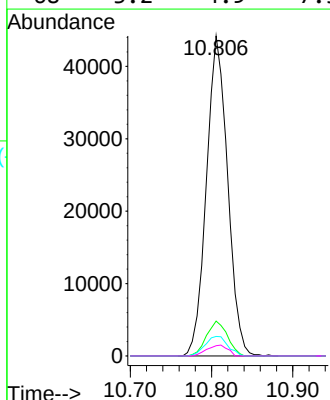
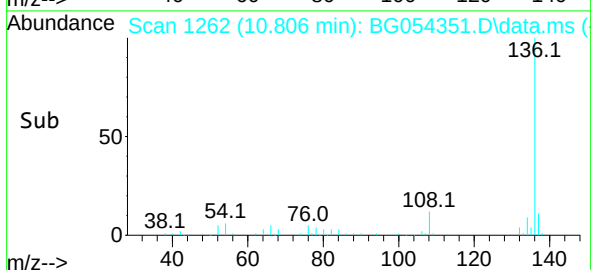
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

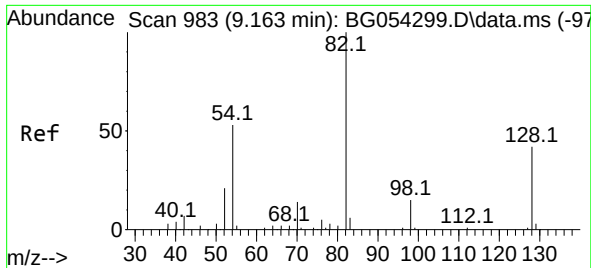


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.806 min Scan# 1262
Delta R.T. -0.002 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11



Tgt Ion:136 Resp: 80088
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.1 7.4 11.2#
68 3.2 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 68.876 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

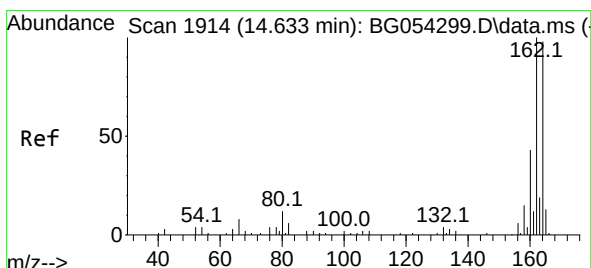
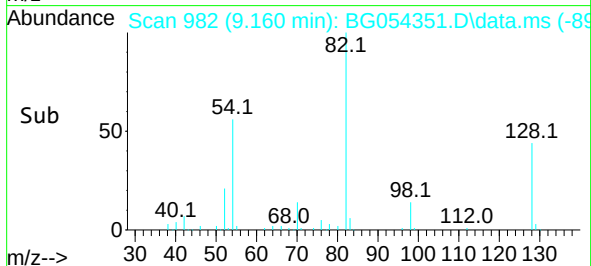
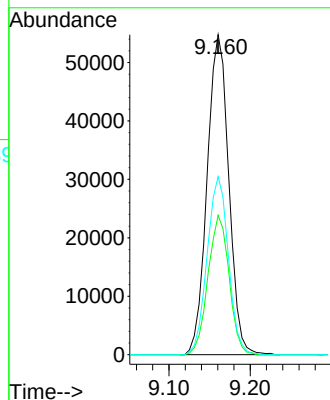
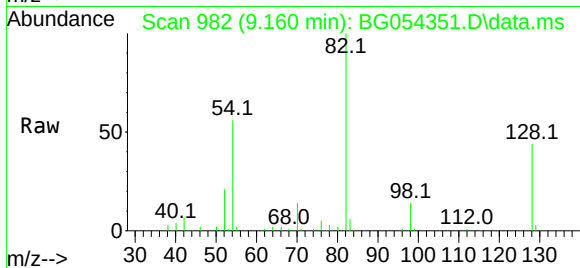
ClientSampleId :

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Tgt Ion: 82 Resp: 10129
Ion Ratio Lower Upper
82 100
128 43.5 27.9 41.9
54 55.6 41.2 61.8

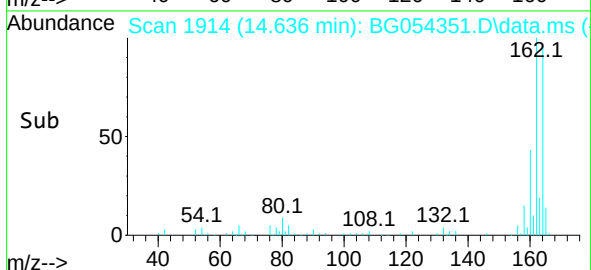
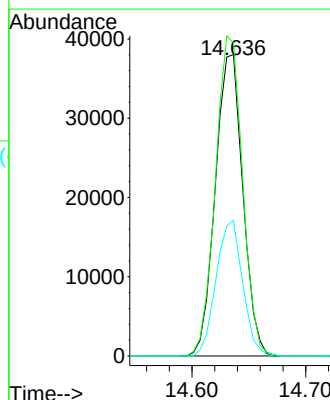
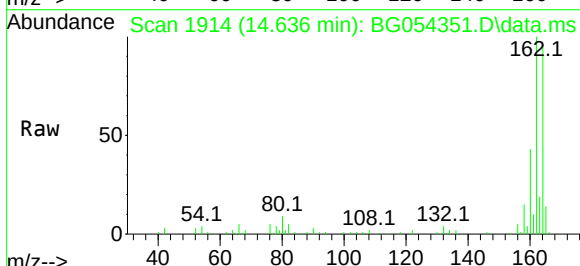
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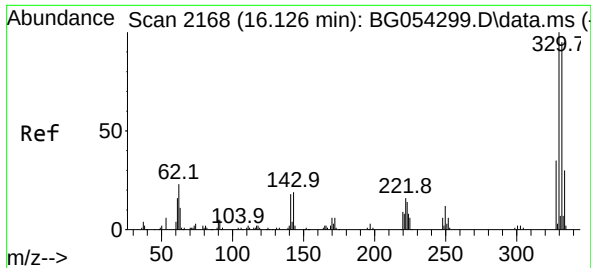
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:164 Resp: 63820
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 45.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 106.334 ng
RT: 16.123 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

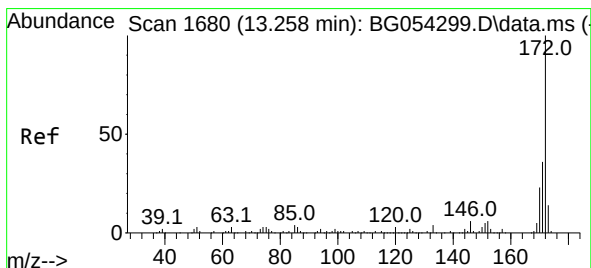
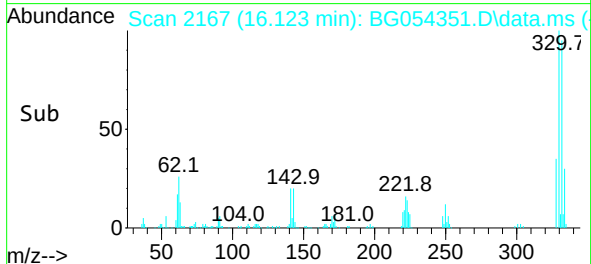
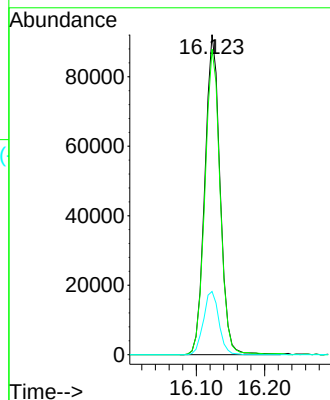
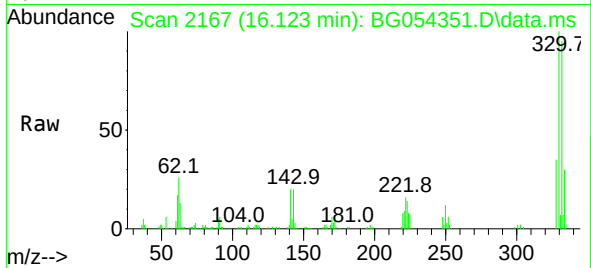
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Tgt Ion:330 Resp: 142480
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 20.1 27.1 40.7

Manual Integrations

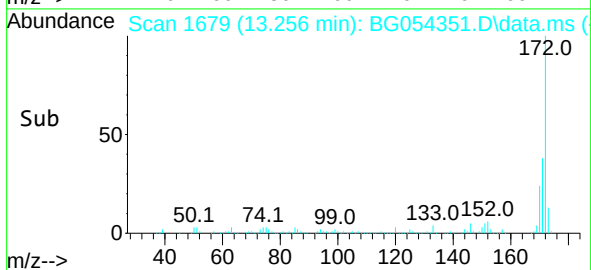
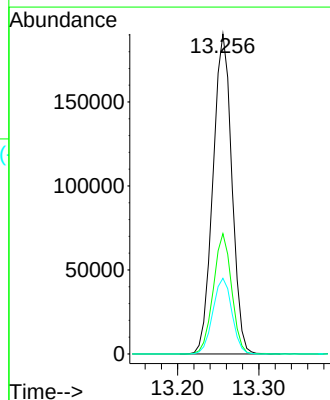
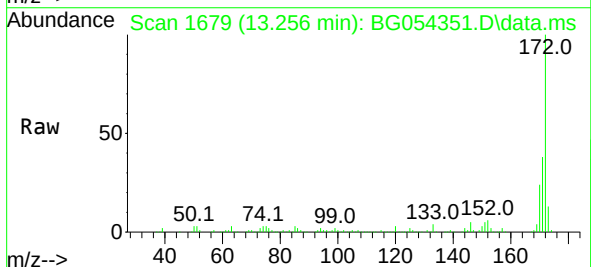
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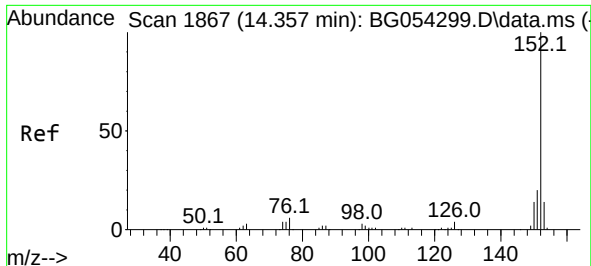
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#45
2-Fluorobiphenyl
Concen: 68.009 ng
RT: 13.256 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:172 Resp: 307672
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 23.7 18.9 28.3





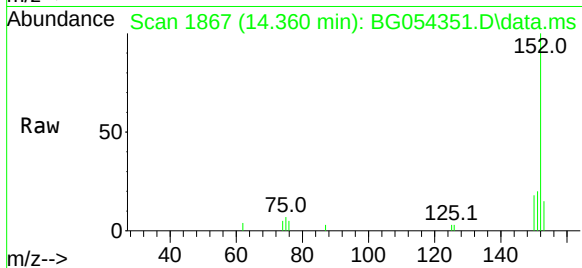
#49
Acenaphthylene
Concen: 2.221 ng
RT: 14.360 min Scan# 1867
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

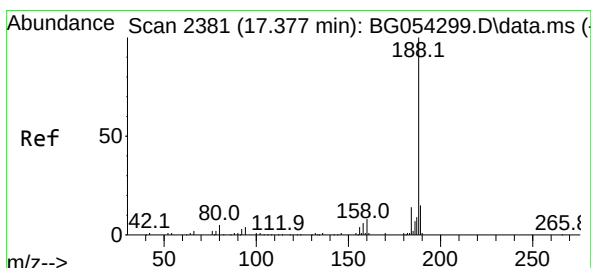
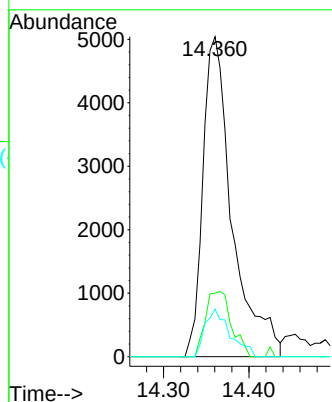
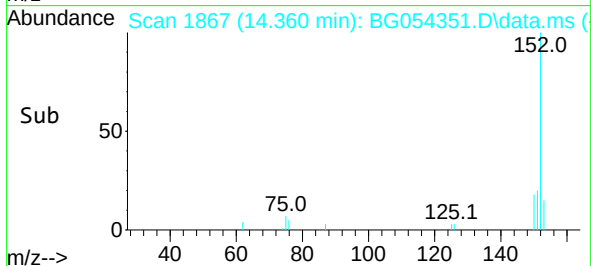


Tgt Ion:152 Resp: 12050
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 14.9 10.8 16.2

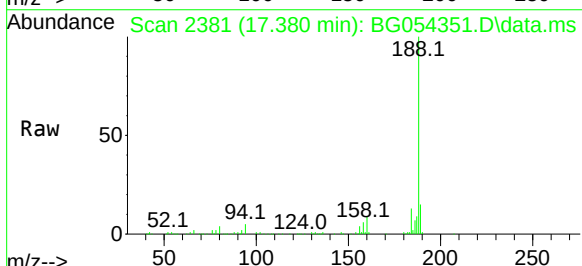
Manual Integrations

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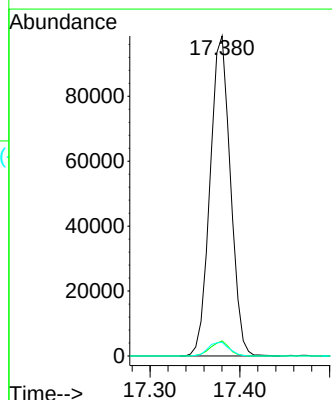
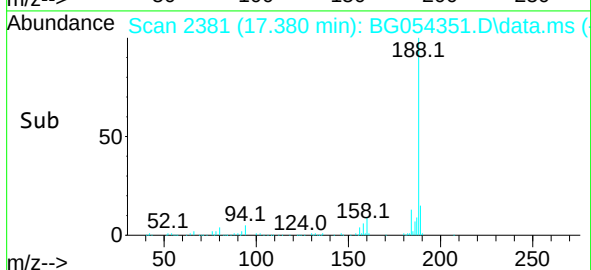
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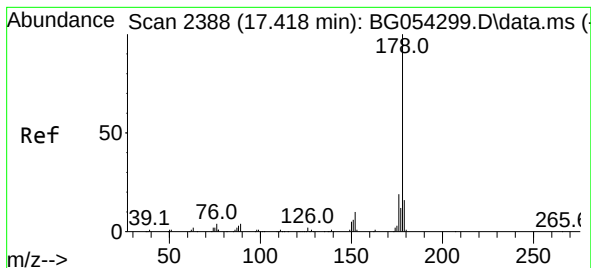


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 2381
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11



Tgt Ion:188 Resp: 155308
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 4.3 6.8 10.2#





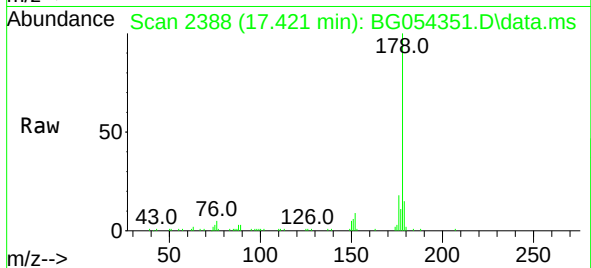
#71
Phenanthrene
Concen: 6.541 ng
RT: 17.421 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

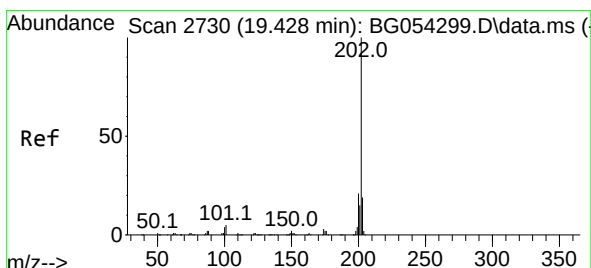
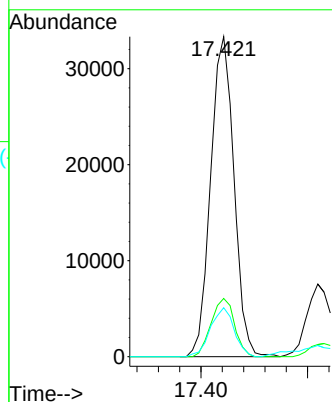
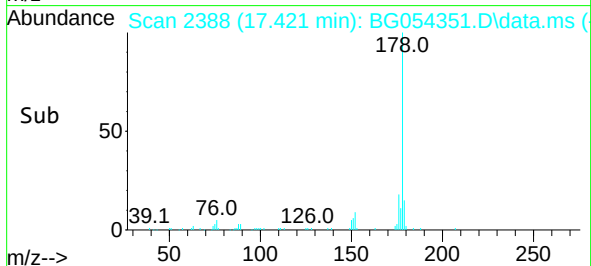


Tgt Ion:178 Resp: 5059
Ion Ratio Lower Upper
178 100
176 18.2 14.1 21.1
179 15.3 12.1 18.1

Manual Integrations

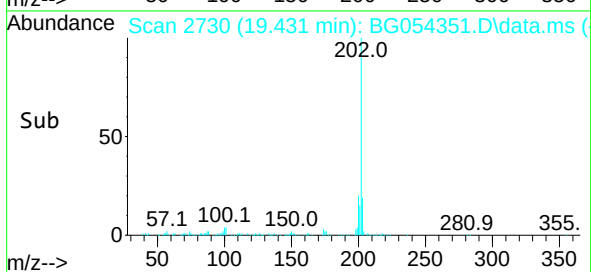
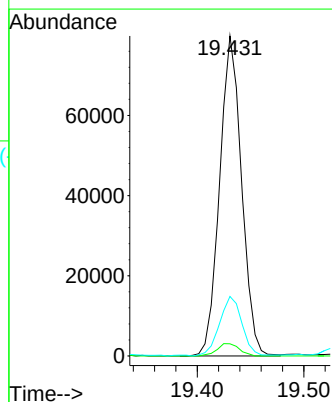
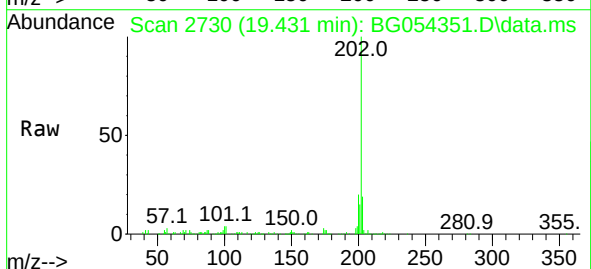
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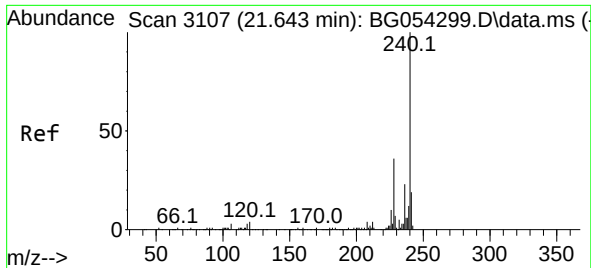
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#75
Fluoranthene
Concen: 10.826 ng
RT: 19.431 min Scan# 2730
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

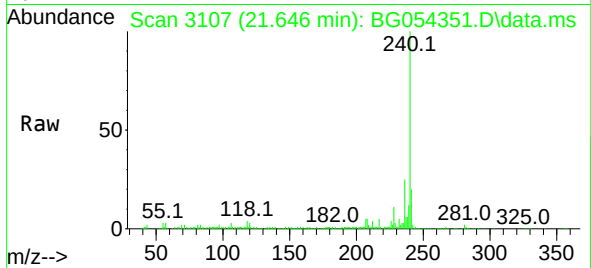
Tgt Ion:202 Resp: 114136
Ion Ratio Lower Upper
202 100
101 3.8 0.0 26.9
203 18.6 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.646 min Scan# 3107
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

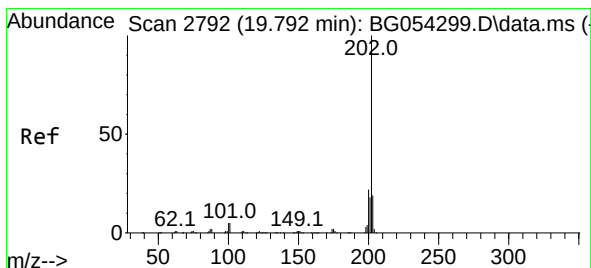
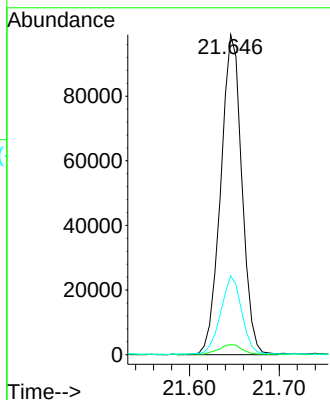
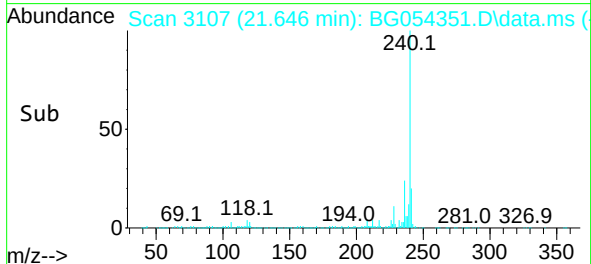
Instrument :
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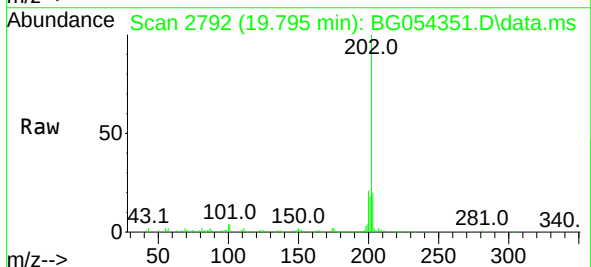
Tgt Ion:240 Resp: 161848
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0
236 24.7 20.2 30.4

Manual Integrations
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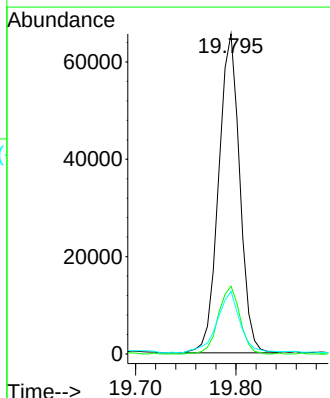
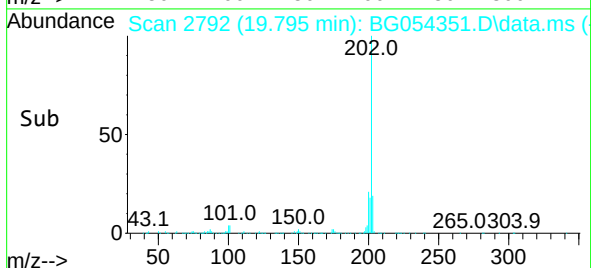
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

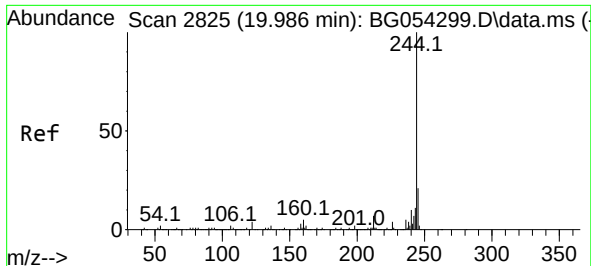


#78
Pyrene
Concen: 10.310 ng
RT: 19.795 min Scan# 2792
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11



Tgt Ion:202 Resp: 95743
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 19.6 14.6 21.8





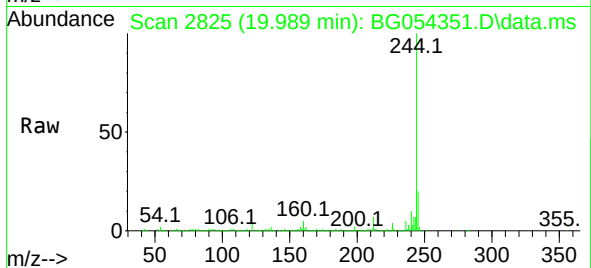
#79
 Terphenyl-d14
 Concen: 72.837 ng
 RT: 19.989 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

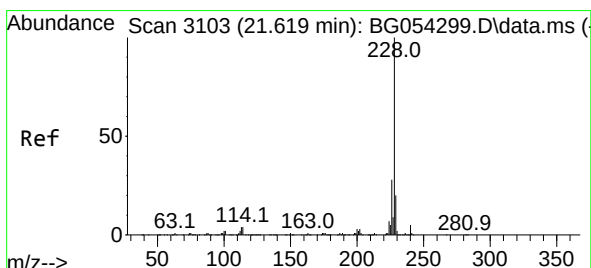
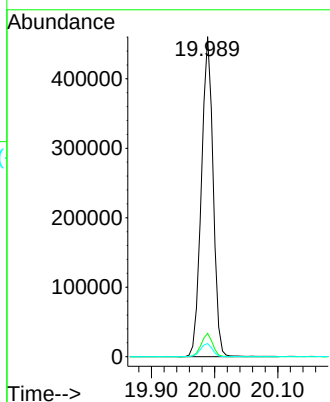
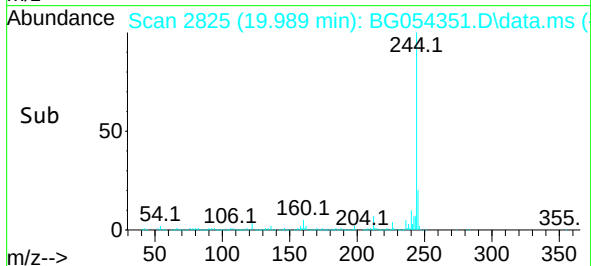


Tgt Ion:244 Resp: 59423
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.1 5.0 7.4

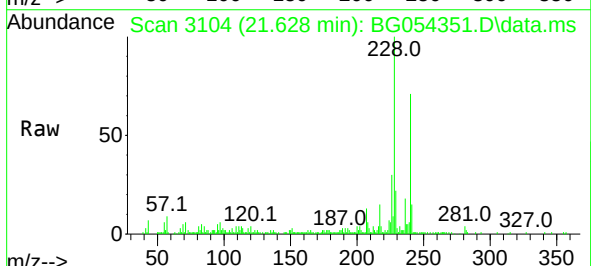
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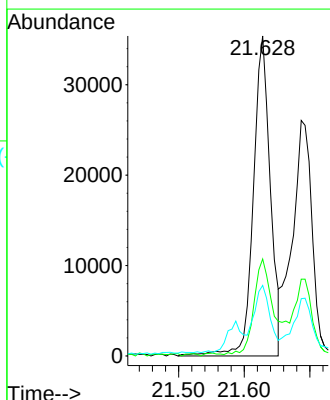
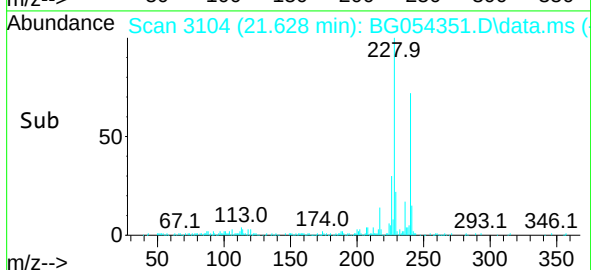
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

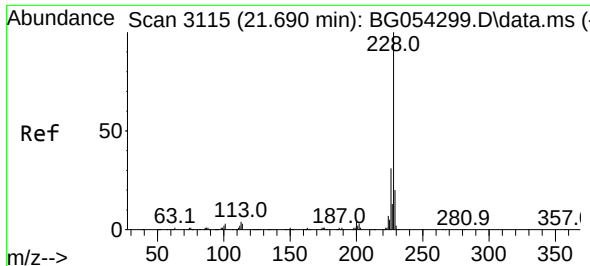


#81
 Benzo(a)anthracene
 Concen: 6.201 ng
 RT: 21.628 min Scan# 3104
 Delta R.T. 0.009 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11



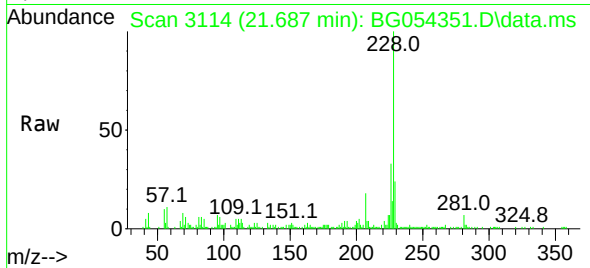
Tgt Ion:228 Resp: 63710
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.6 32.4
 229 22.1 16.2 24.2





#83
Chrysene
Concen: 5.642 ng m
RT: 21.687 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

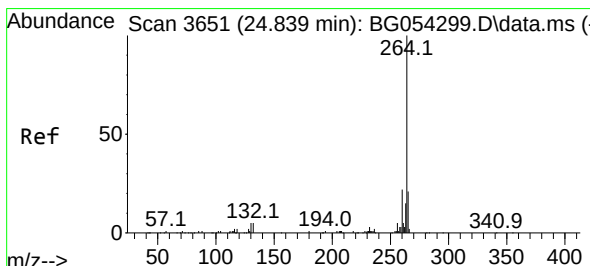
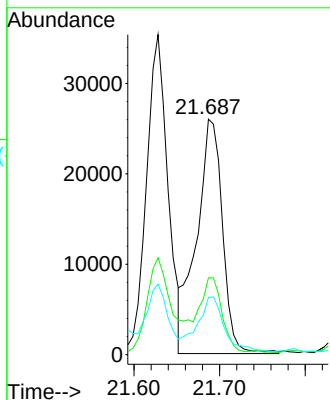
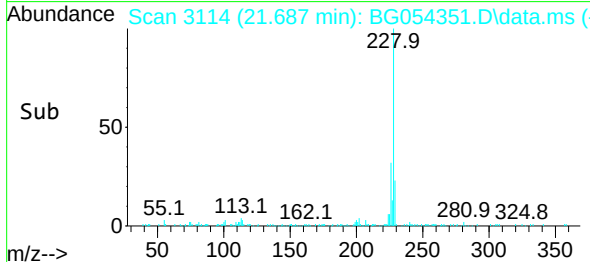
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA



Tgt Ion:228 Resp: 54760
Ion Ratio Lower Upper
228 100
226 32.6 23.4 35.2
229 24.3 15.5 23.3

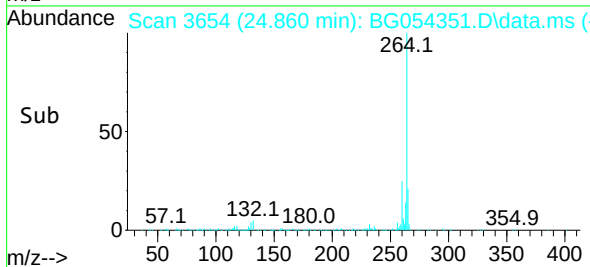
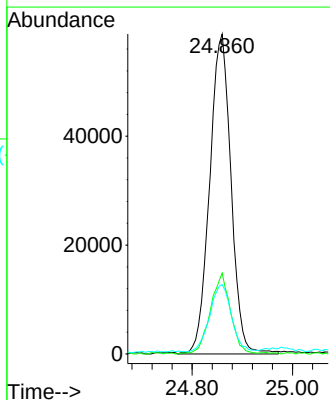
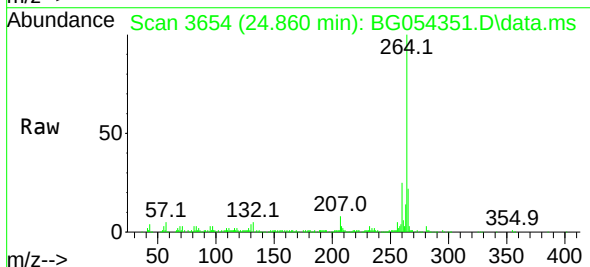
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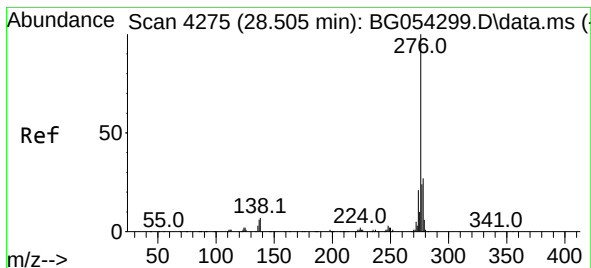
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.860 min Scan# 3654
Delta R.T. 0.021 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:264 Resp: 173630
Ion Ratio Lower Upper
264 100
260 25.3 19.0 28.6
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.723 ng

RT: 28.532 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG054351.D

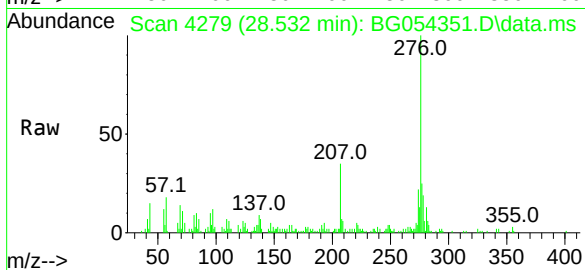
Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA



Tgt Ion:276 Resp: 6238

Ion Ratio Lower Upper

276 100

138 0.0 5.0 7.4

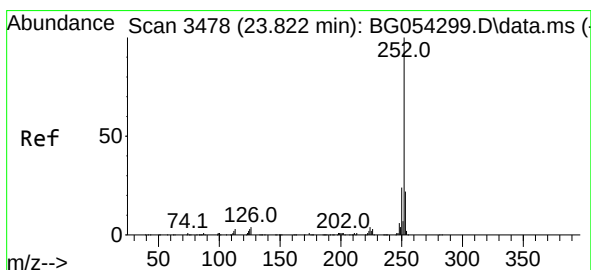
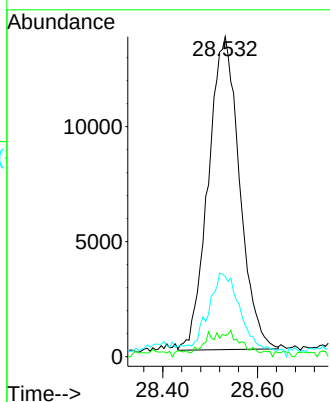
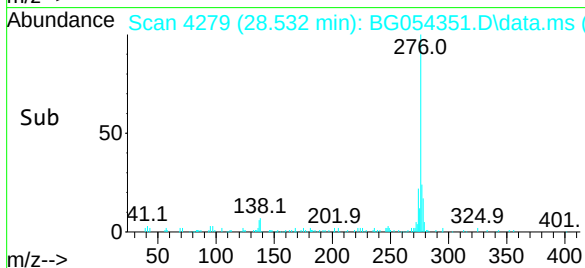
277 24.0 20.3 30.5

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#88

Benzo(b)fluoranthene

Concen: 9.379 ng

RT: 23.837 min Scan# 3480

Delta R.T. 0.015 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

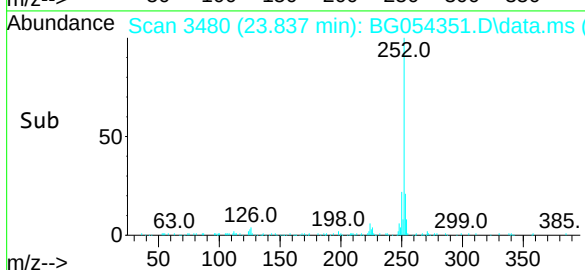
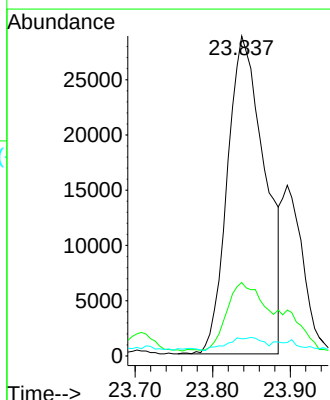
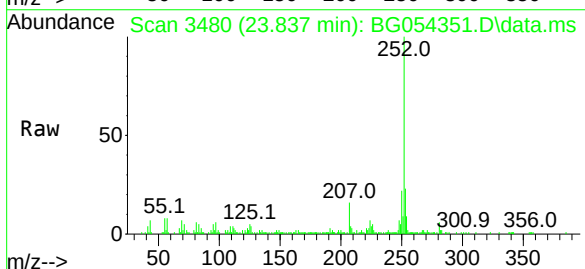
Tgt Ion:252 Resp: 96309

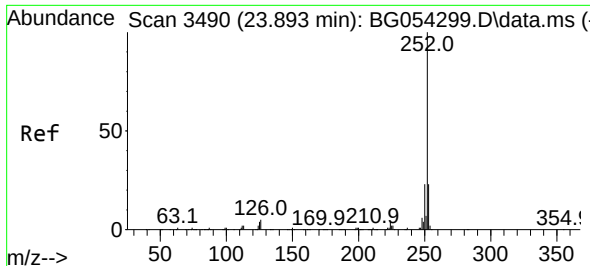
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

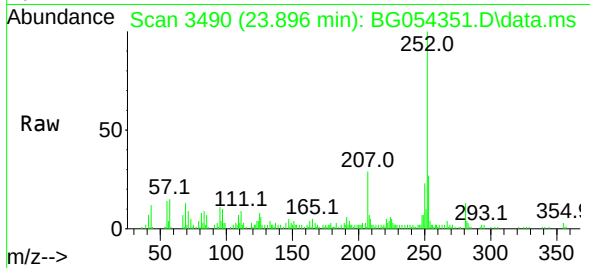
125 5.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 2.943 ng m
RT: 23.896 min Scan# 3490
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

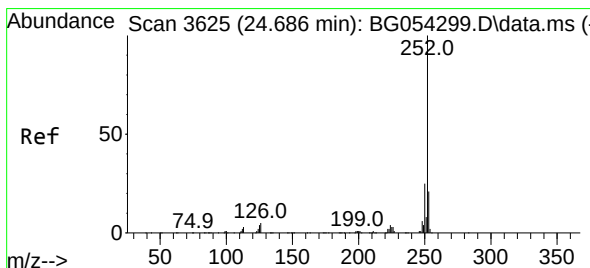
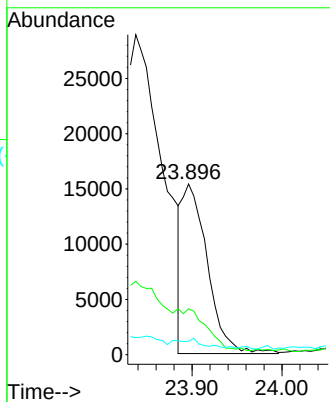
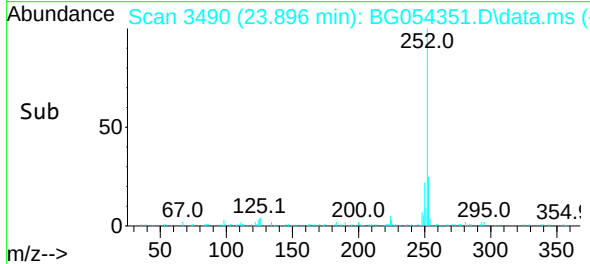
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA



Tgt Ion:252 Resp: 30070
Ion Ratio Lower Upper
252 100
253 26.9 18.4 27.6
125 7.9 4.8 7.2

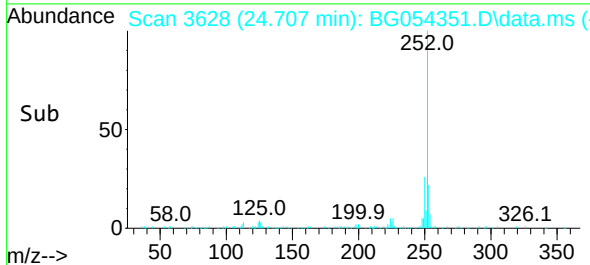
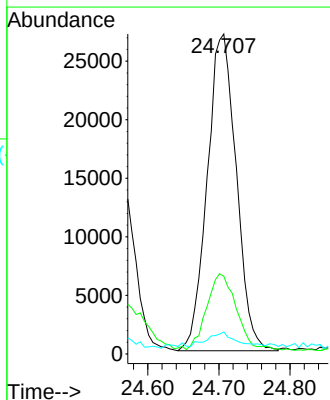
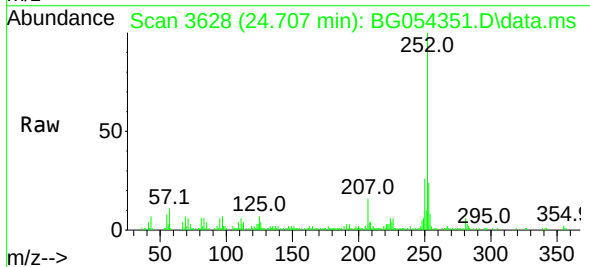
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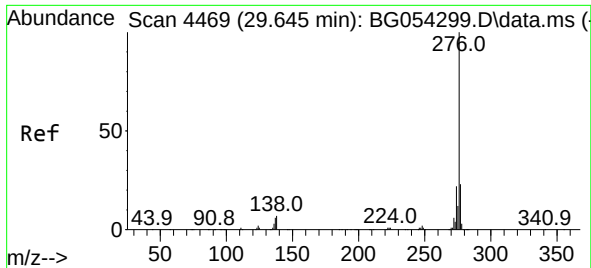
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#90
Benzo(a)pyrene
Concen: 8.761 ng
RT: 24.707 min Scan# 3628
Delta R.T. 0.021 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

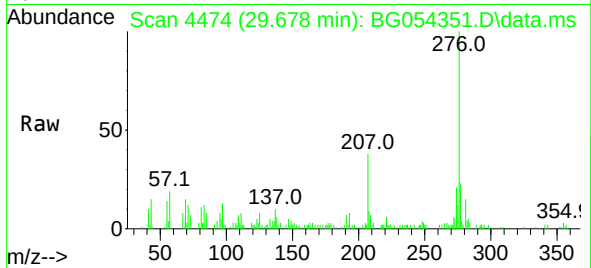
Tgt Ion:252 Resp: 76829
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 6.9 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 5.814 ng
 RT: 29.678 min Scan# 44
 Delta R.T. 0.033 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA



Tgt Ion:276 Resp: 6232
 Ion Ratio Lower Upper
 276 100
 277 22.9 17.3 25.9
 138 6.1 9.6 14.4

Manual Integrations
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Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

