

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053061.D
 Acq On : 6 Apr 2022 19:05
 Operator : CG/JU
 Sample : N2237-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A13015

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 04:10:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	36966	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	150784	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	110822	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	259325	20.000	ng	0.00
76) Chrysene-d12	21.777	240	241085	20.000	ng	# 0.00
86) Perylene-d12	25.085	264	245170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	178576	84.129	ng	0.00
7) Phenol-d6	7.285	99	276209	86.313	ng	0.00
23) Nitrobenzene-d5	9.288	82	213133	70.944	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	135872	91.241	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	442749	58.922	ng	0.00
79) Terphenyl-d14	20.091	244	705062	52.023	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.530	178	35988	2.594	ng	94
75) Fluoranthene	19.539	202	93006	5.281	ng	98
78) Pyrene	19.903	202	79331	4.744	ng	97
81) Benzo(a)anthracene	21.754	228	44837	2.777	ng	96
83) Chrysene	21.818	228	40319	2.657	ng	95
87) Indeno(1,2,3-cd)pyrene	28.856	276	39663m	2.364	ng	
88) Benzo(b)fluoranthene	24.027	252	59751	3.925	ng	# 91
90) Benzo(a)pyrene	24.920	252	45710	3.547	ng	# 95
92) Benzo(g,h,i)perylene	30.019	276	45488	3.325	ng	96

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

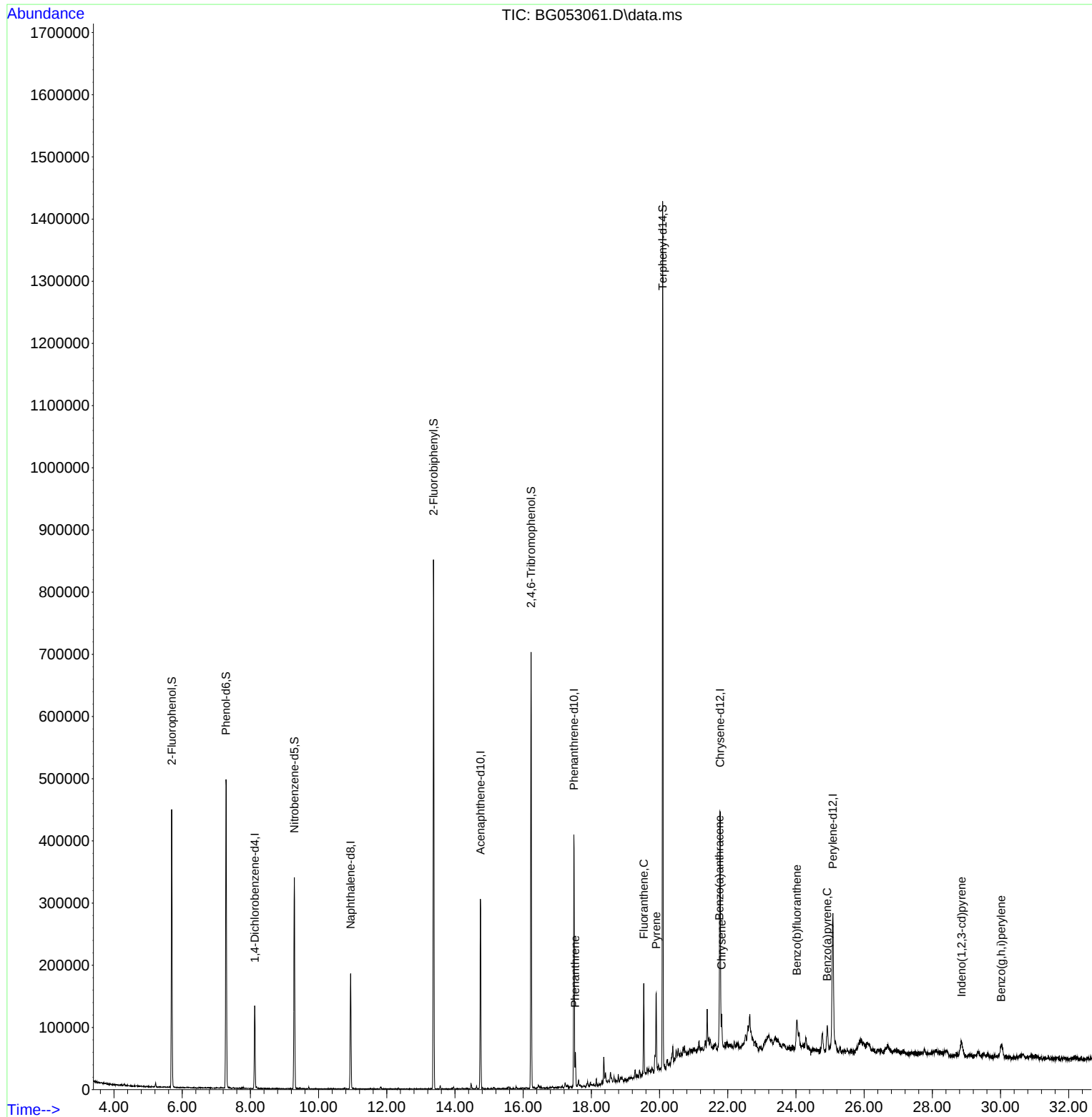
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
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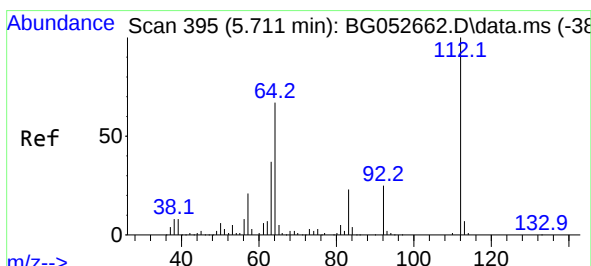
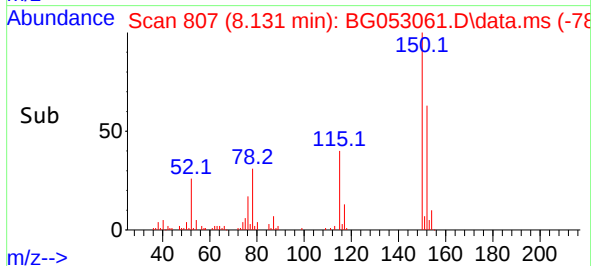
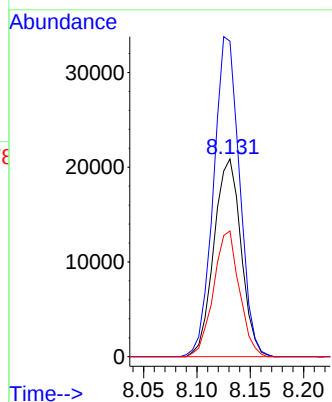
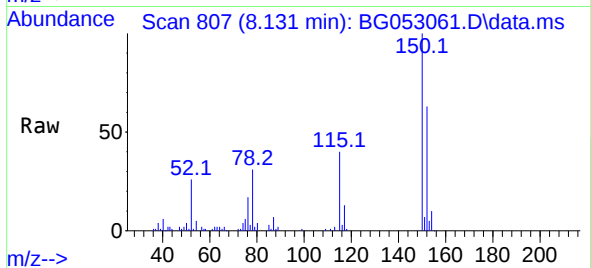
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.131 min Scan# 807
Delta R.T. 0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

Instrument :
BNA_G
ClientSampleId :
A13015

Tgt Ion:152 Resp: 3696
Ion Ratio Lower Upper
152 100
150 159.5 114.6 172.0
115 63.6 45.9 68.9

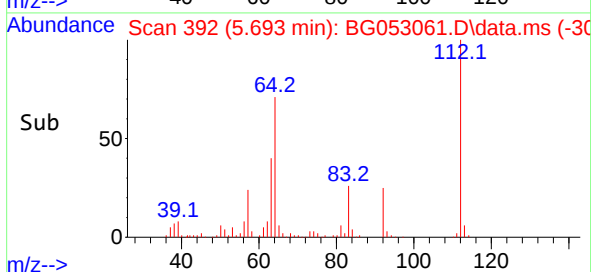
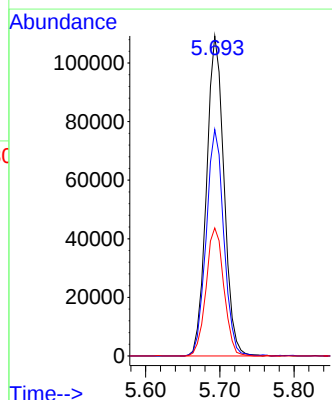
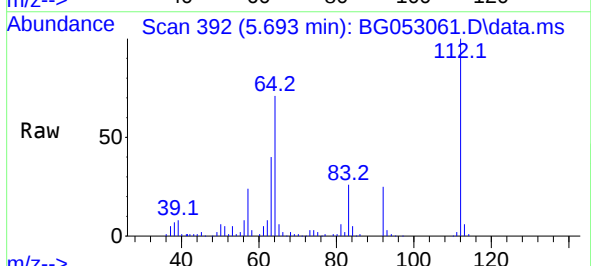
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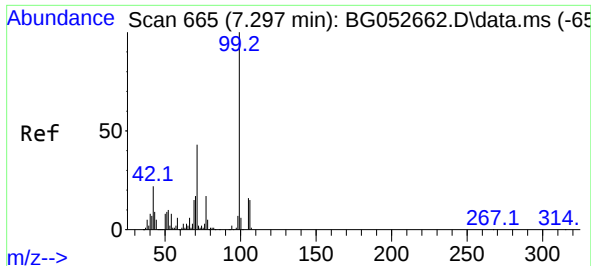
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#5
2-Fluorophenol
Concen: 84.129 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

Tgt Ion:112 Resp: 178576
Ion Ratio Lower Upper
112 100
64 70.7 48.0 72.0
63 40.0 26.5 39.7#





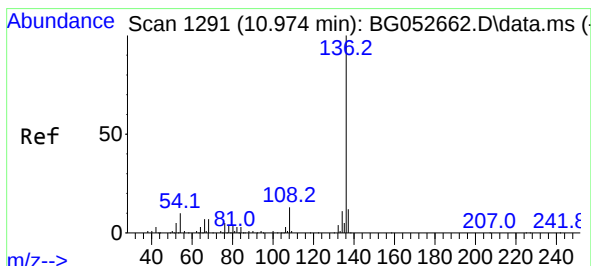
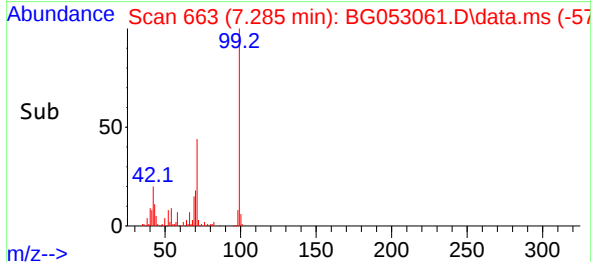
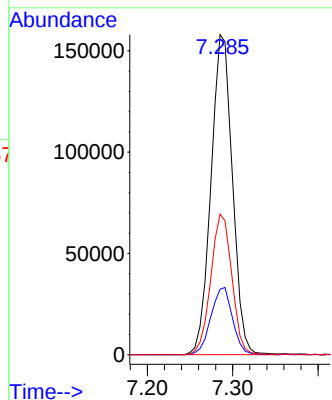
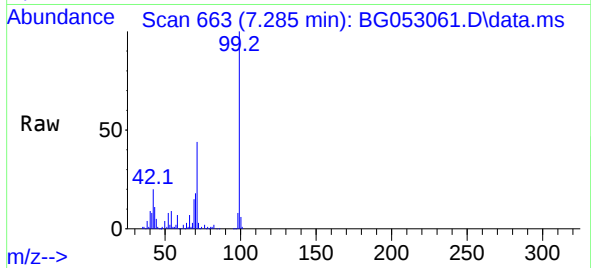
#7
Phenol-d6
Concen: 86.313 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

Instrument :
BNA_G
ClientSampleId :
A13015

Tgt Ion: 99 Resp: 276209
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 43.9 29.2 43.8

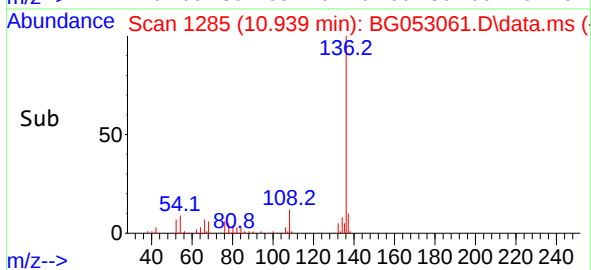
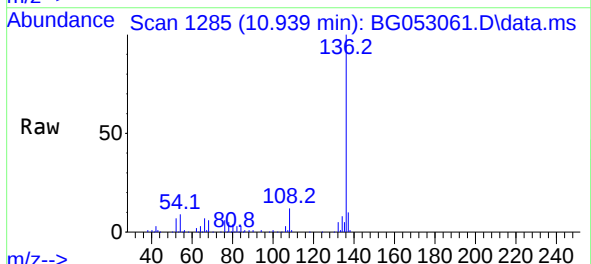
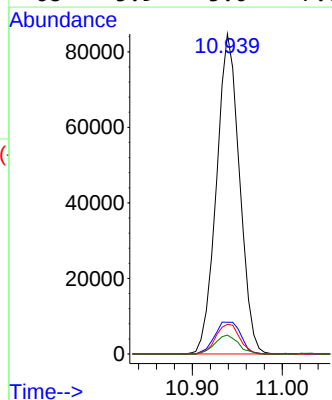
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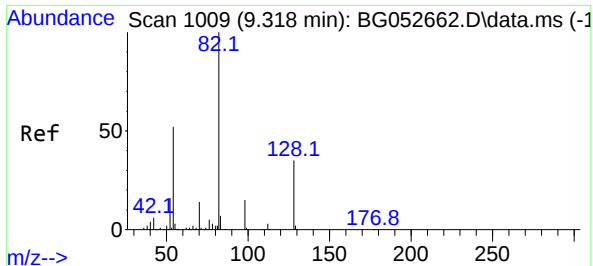
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

Tgt Ion:136 Resp: 150784
Ion Ratio Lower Upper
136 100
137 9.9 9.4 14.2
54 9.3 6.4 9.6
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 70.944 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG053061.D

Acq: 6 Apr 2022 19:05

Instrument :

BNA_G

ClientSampleId :

A13015

Tgt Ion: 82 Resp: 21313

Ion Ratio Lower Upper

82 100

128 35.1 31.3 46.9

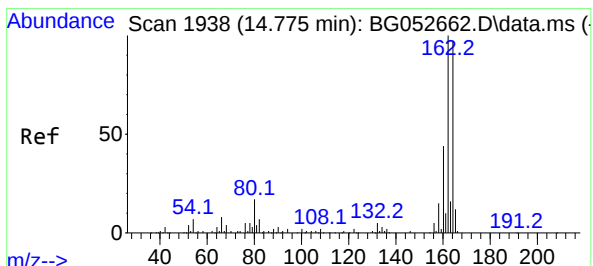
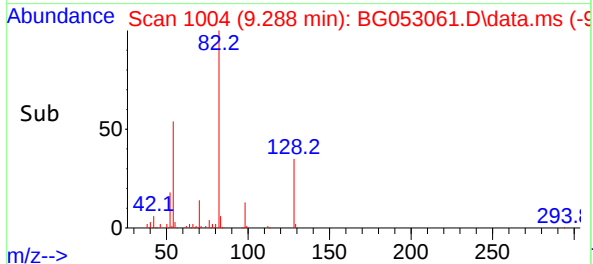
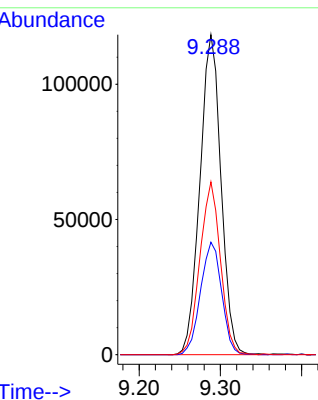
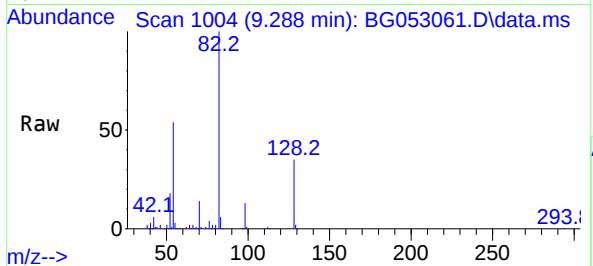
54 54.0 37.8 56.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.746 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG053061.D

Acq: 6 Apr 2022 19:05

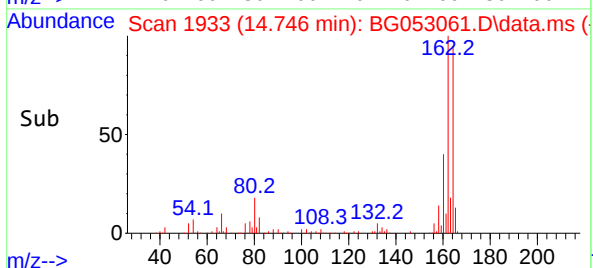
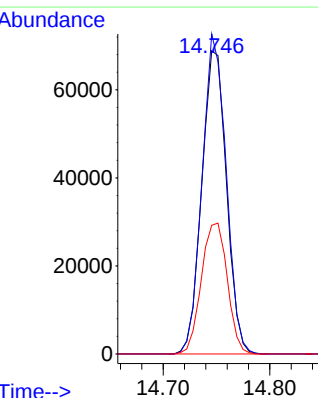
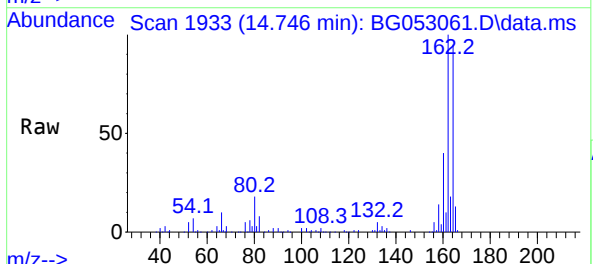
Tgt Ion:164 Resp: 110822

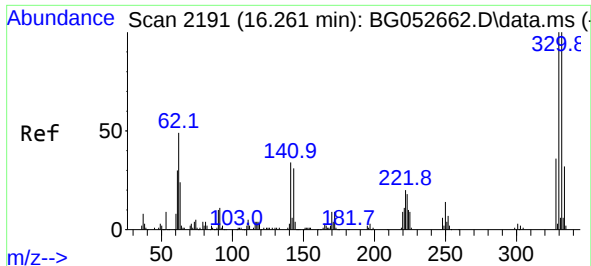
Ion Ratio Lower Upper

164 100

162 105.5 80.0 120.0

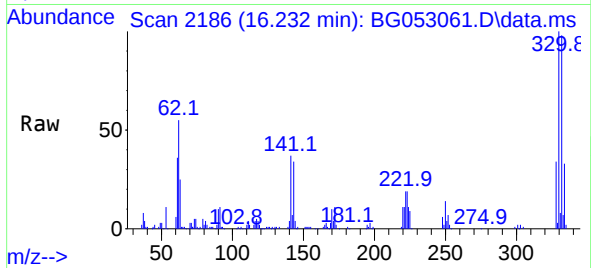
160 42.4 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 91.241 ng
RT: 16.232 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

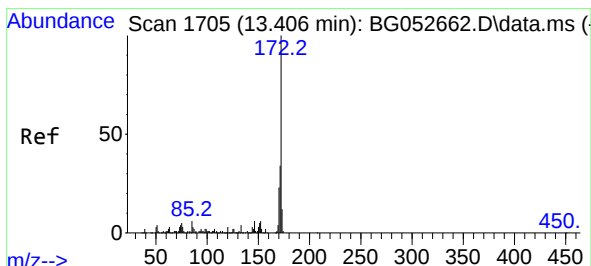
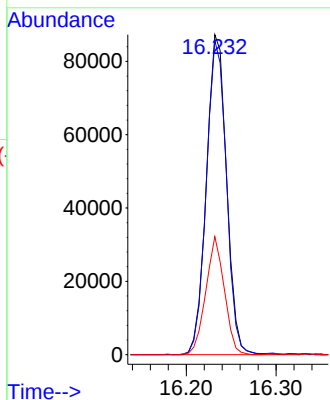
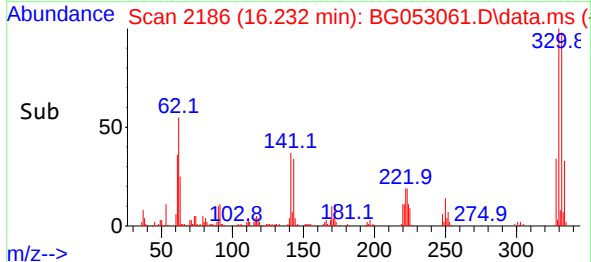
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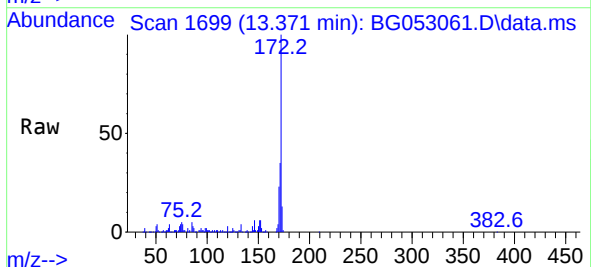
Tgt Ion:330 Resp: 135872
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 34.0 24.6 36.8

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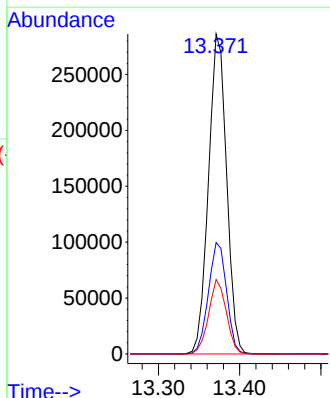
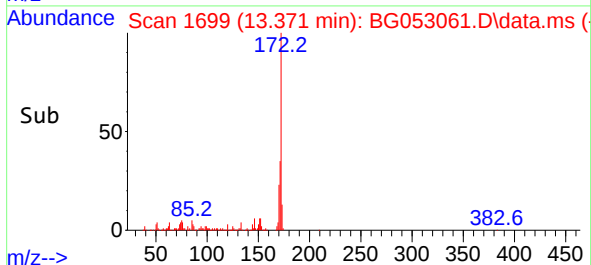
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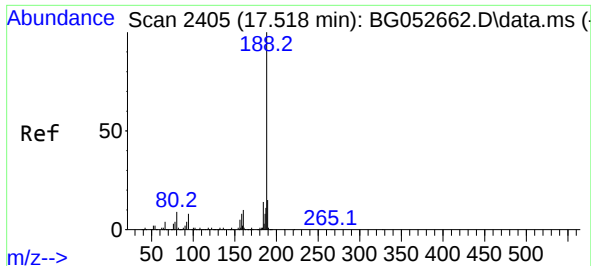


#45
2-Fluorobiphenyl
Concen: 58.922 ng
RT: 13.371 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05



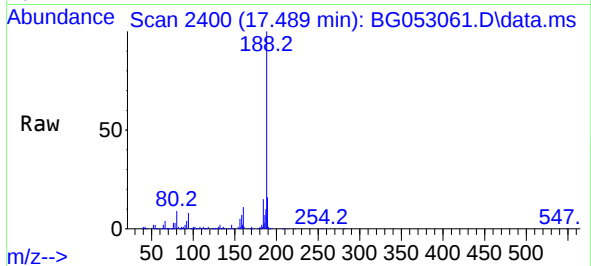
Tgt Ion:172 Resp: 442749
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

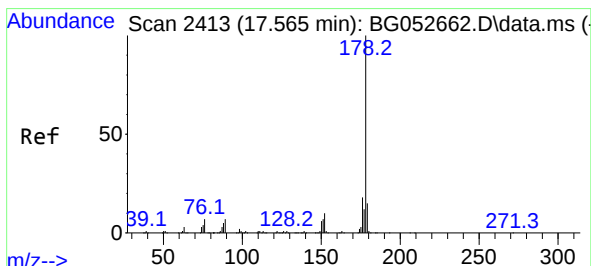
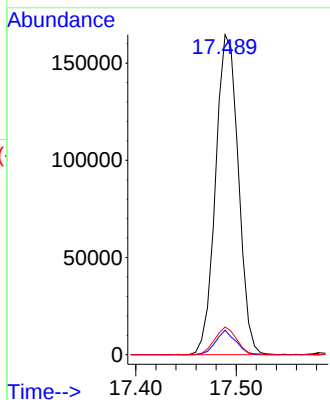
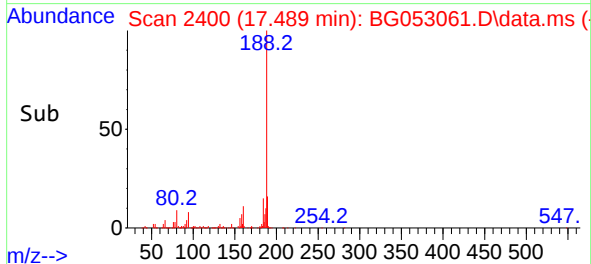
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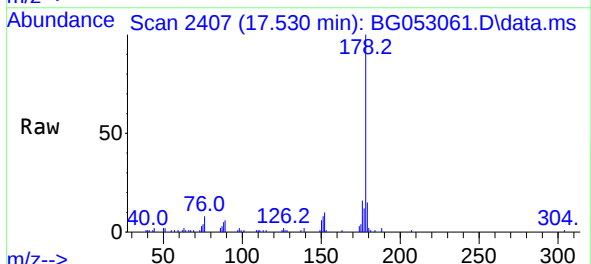
Tgt Ion:188 Resp: 25932
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.7 7.2 10.8

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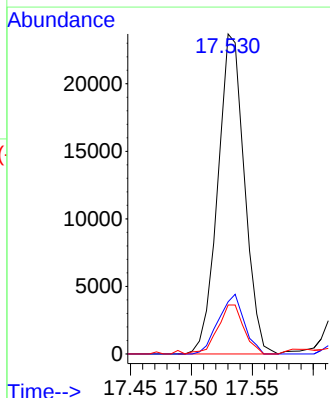
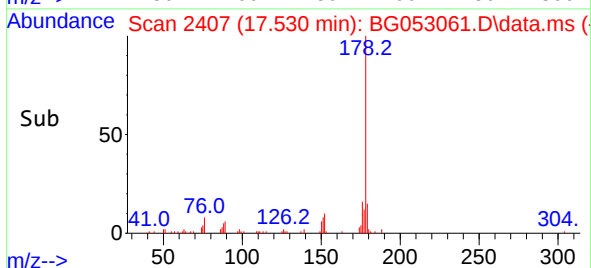
Reviewed By :Christian Giraldo 04/07/2022
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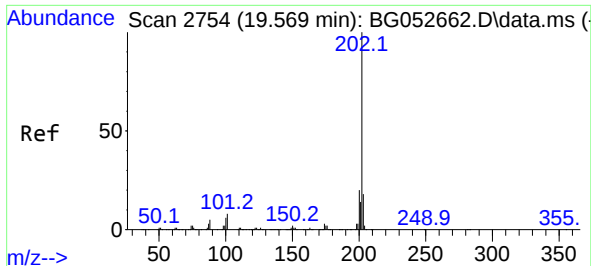


#71
Phenanthrene
Concen: 2.594 ng
RT: 17.530 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05



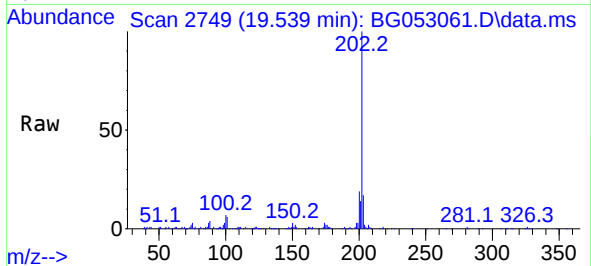
Tgt Ion:178 Resp: 35988
Ion Ratio Lower Upper
178 100
176 16.3 15.9 23.9
179 15.3 13.4 20.2





#75
Fluoranthene
Concen: 5.281 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

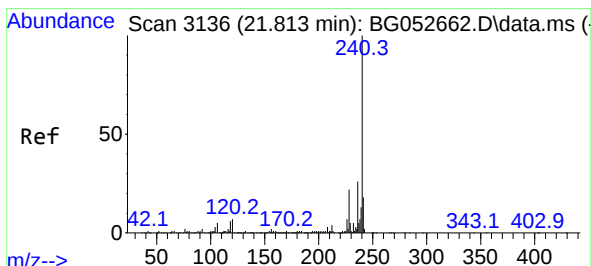
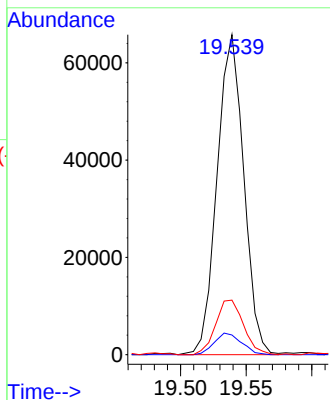
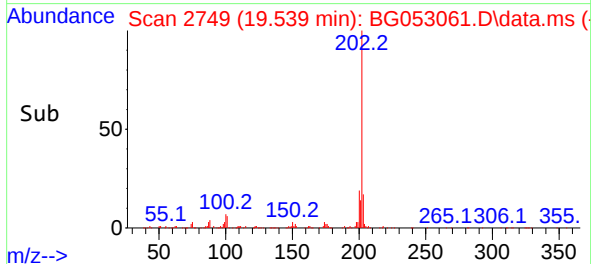
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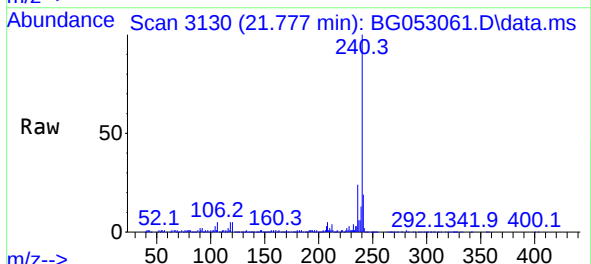
Tgt Ion:202 Resp: 93000
Ion Ratio Lower Upper
202 100
101 6.2 0.0 27.3
203 17.1 0.0 37.7

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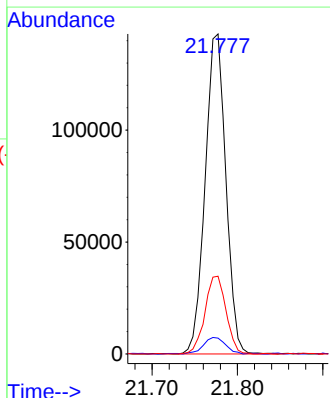
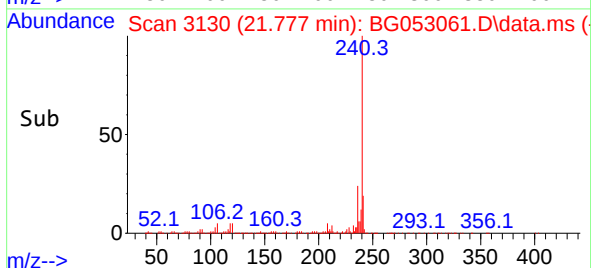
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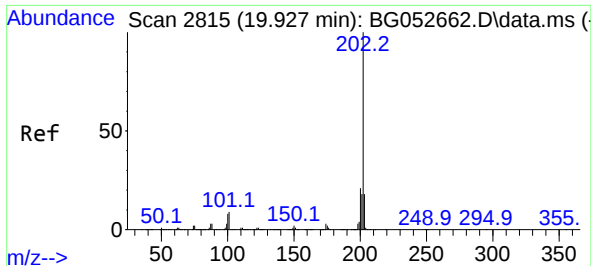


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05



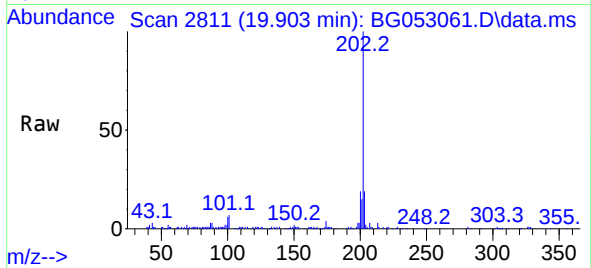
Tgt Ion:240 Resp: 241085
Ion Ratio Lower Upper
240 100
120 4.9 5.4 8.0#
236 24.3 19.8 29.6





#78
Pyrene
Concen: 4.744 ng
RT: 19.903 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

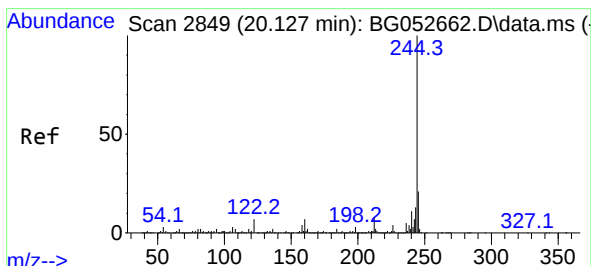
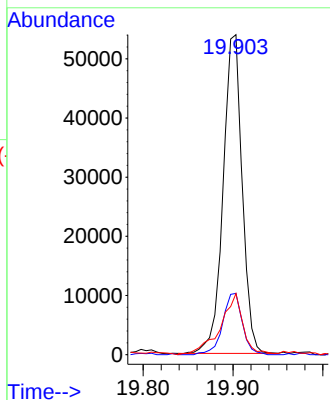
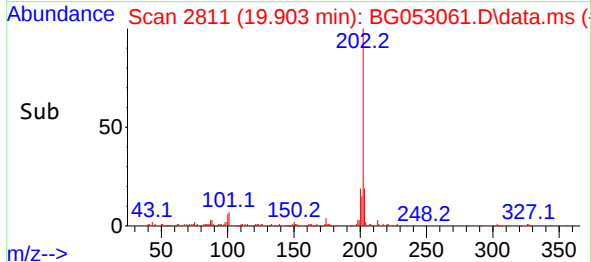
Instrument :
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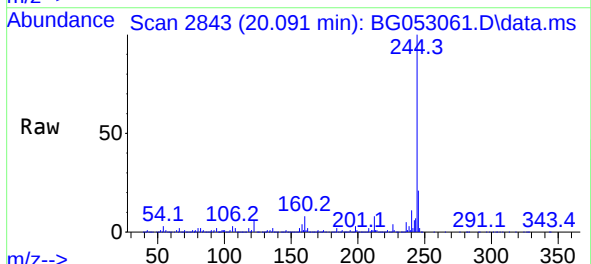
Tgt Ion:202 Resp: 7933
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.6
203 19.1 15.0 22.6

Manual Integrations
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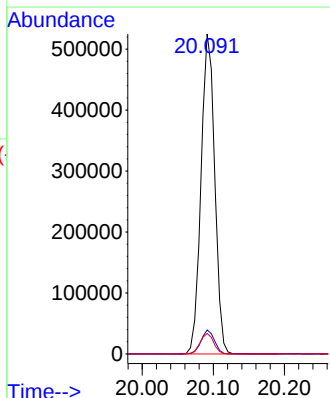
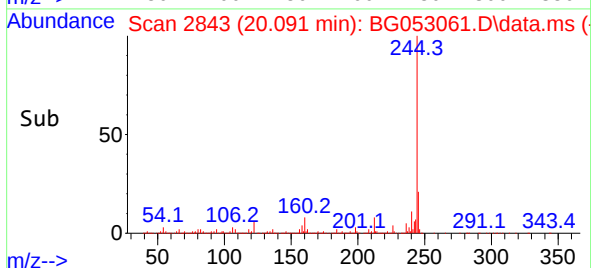
Reviewed By :Christian Giraldo 04/07/2022
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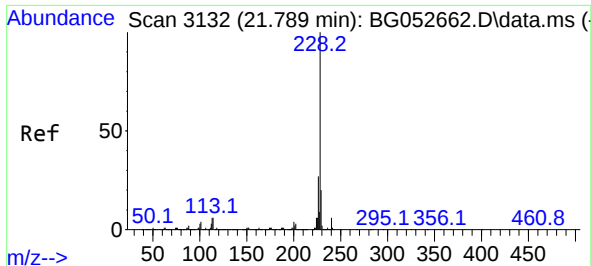


#79
Terphenyl-d14
Concen: 52.023 ng
RT: 20.091 min Scan# 2843
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05



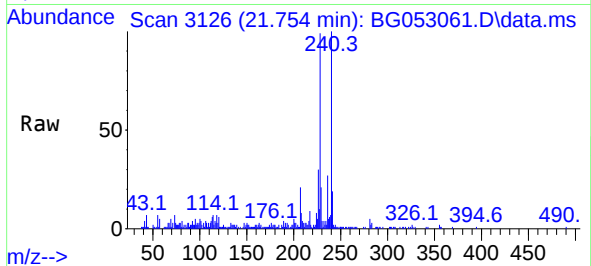
Tgt Ion:244 Resp: 705062
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.4 5.8 8.6





#81
Benzo(a)anthracene
Concen: 2.777 ng
RT: 21.754 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

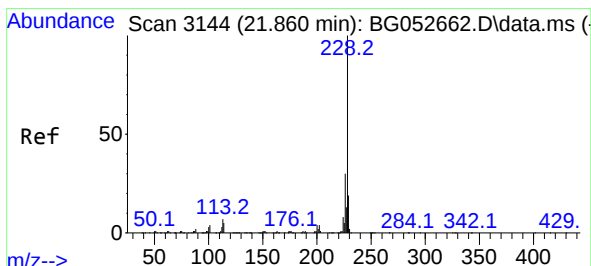
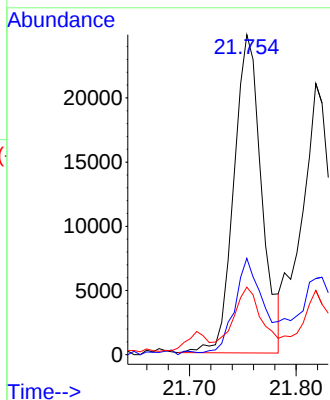
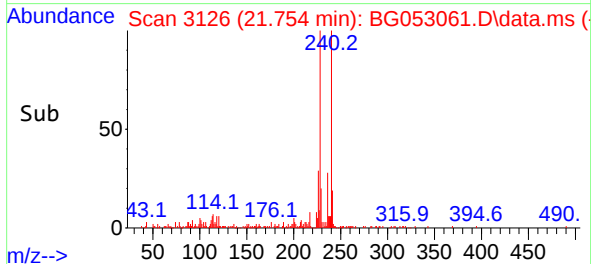
Instrument :
BNA_G
ClientSampleId :
A13015



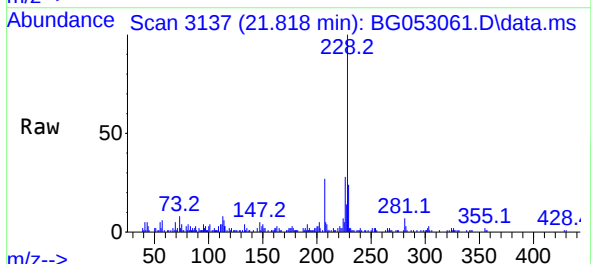
Tgt Ion:228 Resp: 4483
Ion Ratio Lower Upper
228 100
226 30.1 21.4 32.0
229 21.1 16.7 25.1

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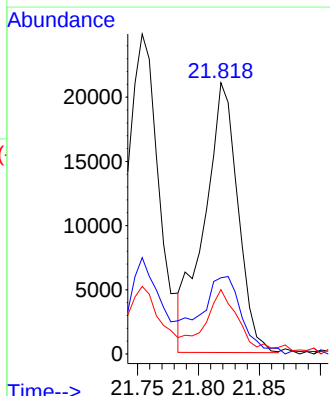
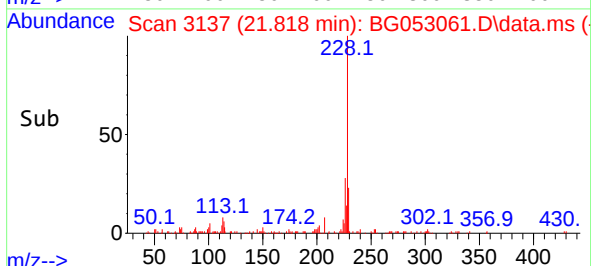
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

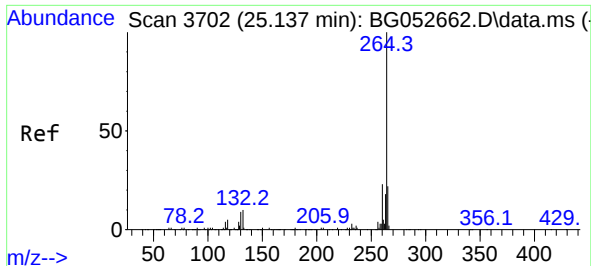


#83
Chrysene
Concen: 2.657 ng
RT: 21.818 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05



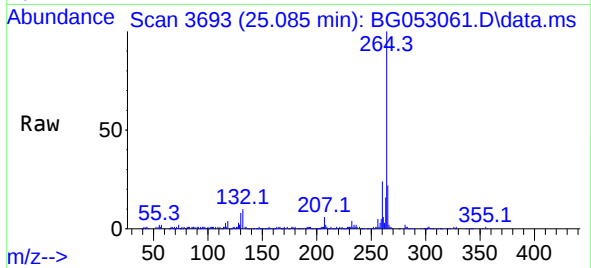
Tgt Ion:228 Resp: 40319
Ion Ratio Lower Upper
228 100
226 28.1 24.2 36.4
229 23.7 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.085 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

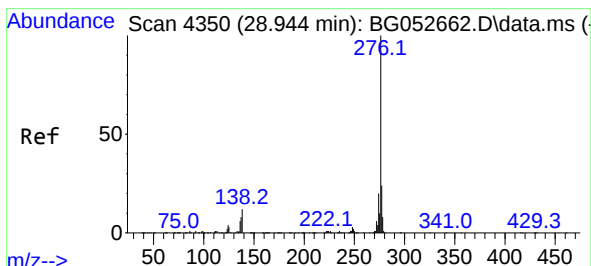
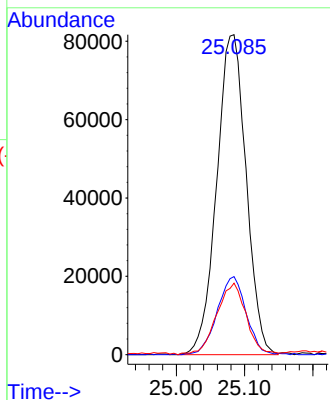
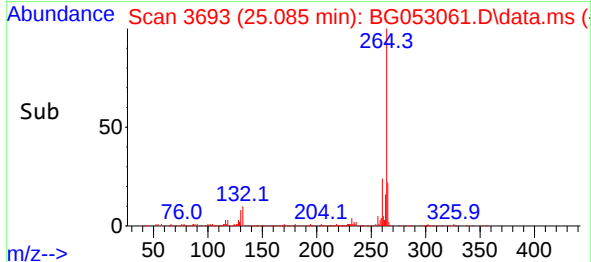
Instrument :
BNA_G
ClientSampleId :
A13015



Tgt Ion:264 Resp: 245170
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.2
265 22.4 15.1 22.7

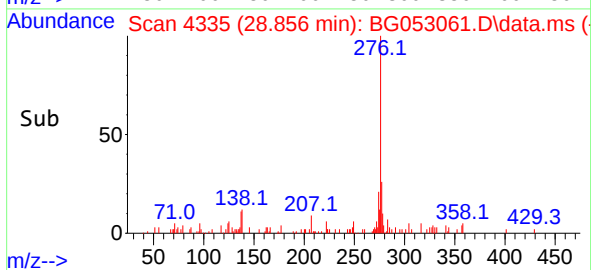
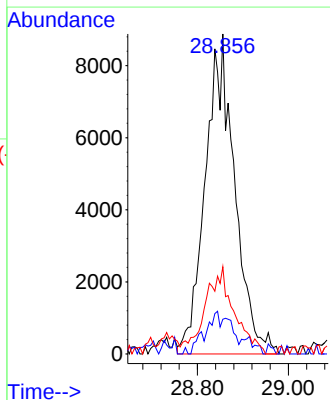
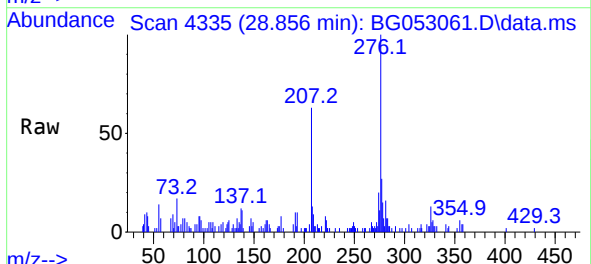
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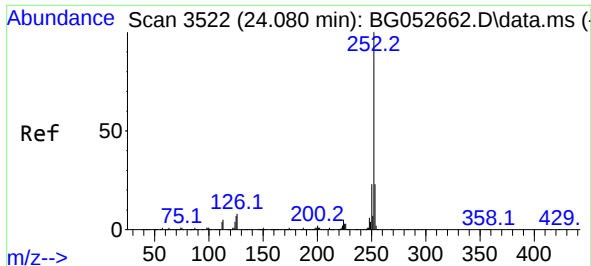
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.364 ng m
RT: 28.856 min Scan# 4335
Delta R.T. -0.015 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

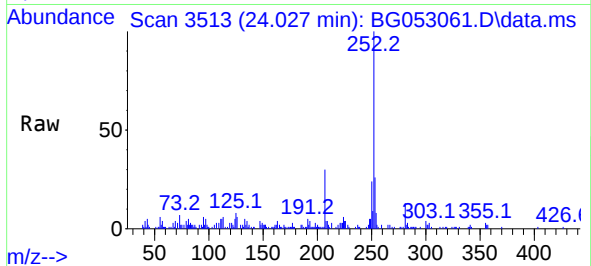
Tgt Ion:276 Resp: 39663
Ion Ratio Lower Upper
276 100
138 6.7 8.7 13.1#
277 27.1 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 3.925 ng
RT: 24.027 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

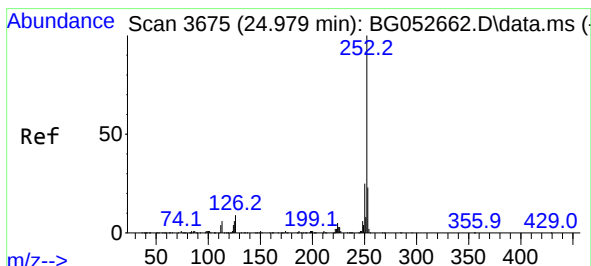
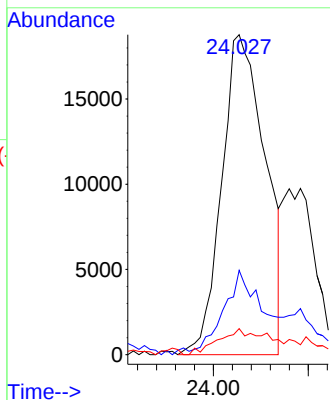
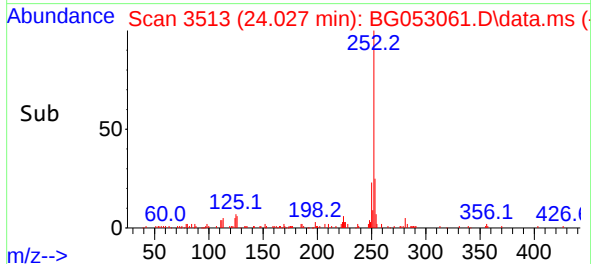
Instrument :
BNA_G
ClientSampleId :
A13015



Tgt Ion:252 Resp: 5975
Ion Ratio Lower Upper
252 100
253 26.4 17.2 25.8
125 8.2 5.2 7.8

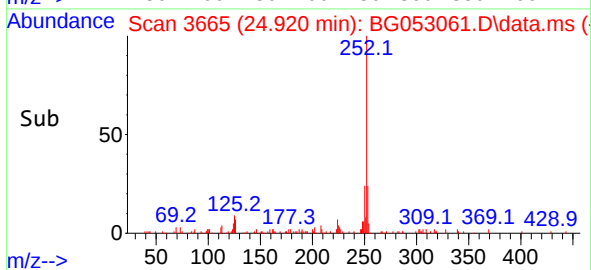
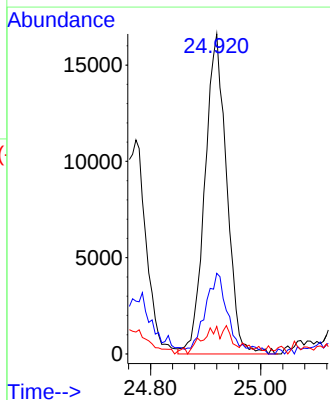
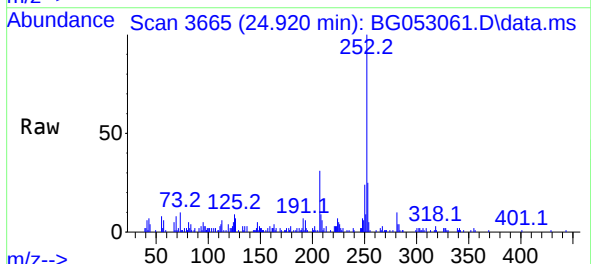
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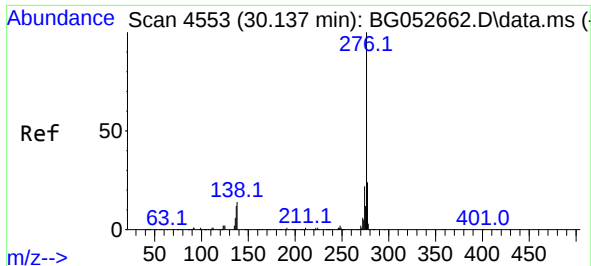
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#90
Benzo(a)pyrene
Concen: 3.547 ng
RT: 24.920 min Scan# 3665
Delta R.T. -0.009 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

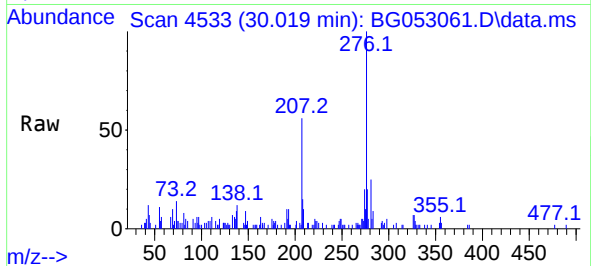
Tgt Ion:252 Resp: 45710
Ion Ratio Lower Upper
252 100
253 25.2 18.4 27.6
125 8.6 5.6 8.4





#92
Benzo(g,h,i)perylene
Concen: 3.325 ng
RT: 30.019 min Scan# 4548
Delta R.T. -0.032 min
Lab File: BG053061.D
Acq: 6 Apr 2022 19:05

Instrument :
BNA_G
ClientSampleId :
A13015



Tgt Ion:276 Resp: 4548
Ion Ratio Lower Upper
276 100
277 20.2 18.2 27.2
138 11.8 9.1 13.7

Manual Integrations
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Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

