

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053075.D
 Acq On : 7 Apr 2022 15:54
 Operator : CG/JU
 Sample : N2281-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

Quant Time: Apr 08 07:23:02 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	8.125	152	48101	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	186110	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	123177	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	246159	20.000	ng	0.00
76) Chrysene-d12	21.777	240	228144	20.000	ng	0.00
86) Perylene-d12	25.090	264	233821	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	127625	46.207	ng	0.00
7) Phenol-d6	7.285	99	184791	44.378	ng	0.00
23) Nitrobenzene-d5	9.288	82	132758	35.802	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	74975	45.298	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	253919	30.403	ng	0.00
79) Terphenyl-d14	20.097	244	328934	25.647	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.536	178	83320	6.327	ng	95
75) Fluoranthene	19.539	202	79042	4.728	ng	98
78) Pyrene	19.903	202	76634	4.842	ng	97
83) Chrysene	21.824	228	29891m	2.081	ng	
88) Benzo(b)fluoranthene	24.027	252	33917	2.336	ng	94
90) Benzo(a)pyrene	24.920	252	26062	2.121	ng	# 96

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

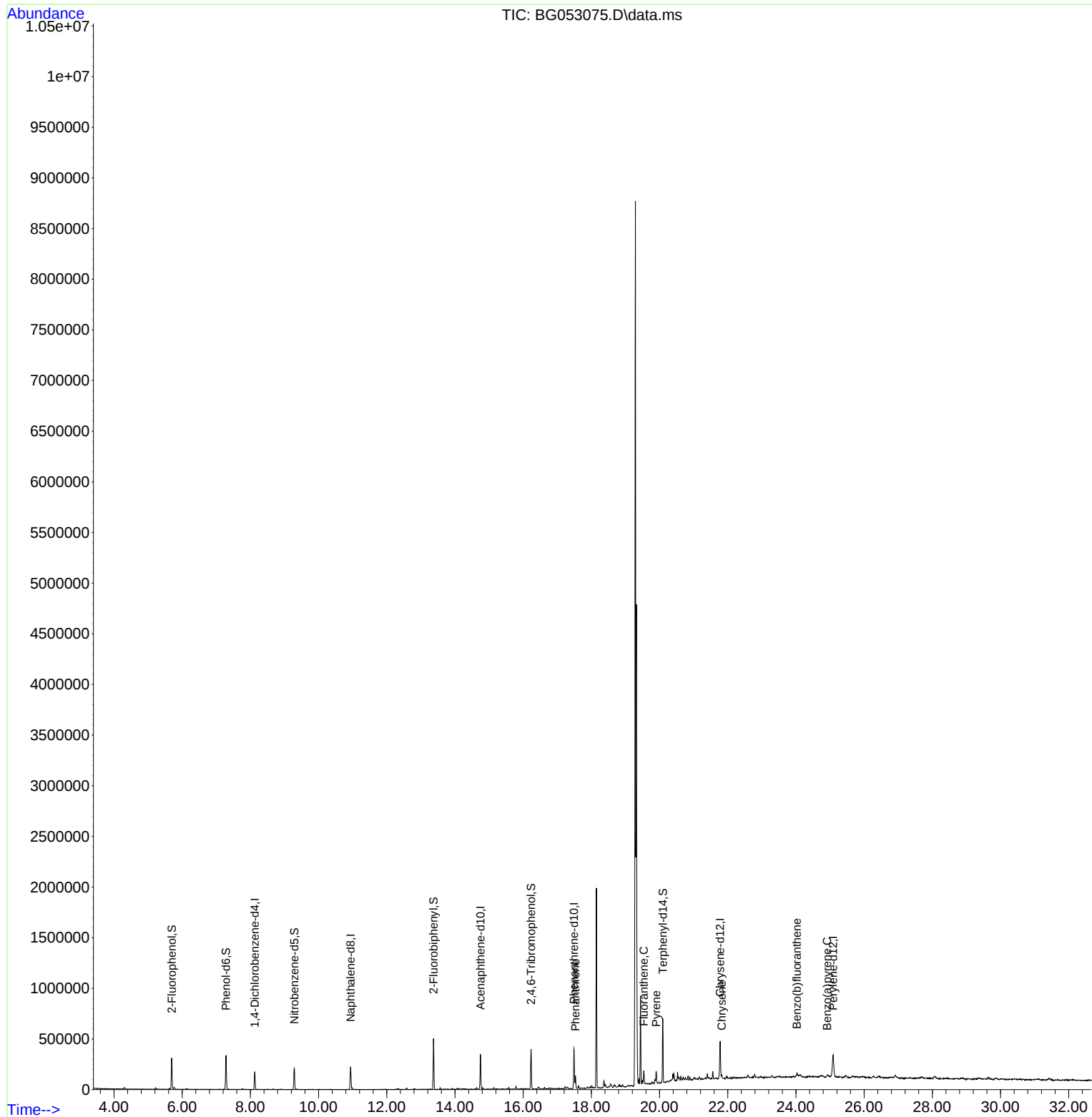
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

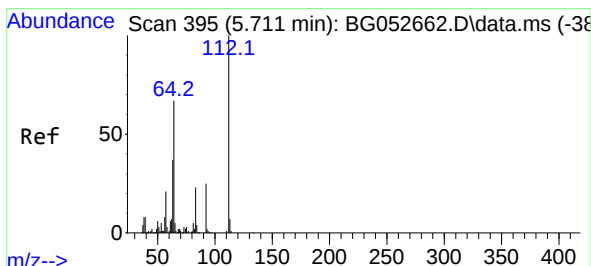
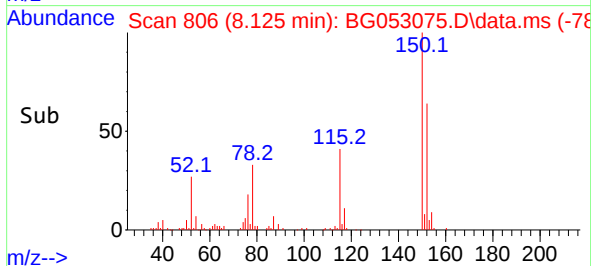
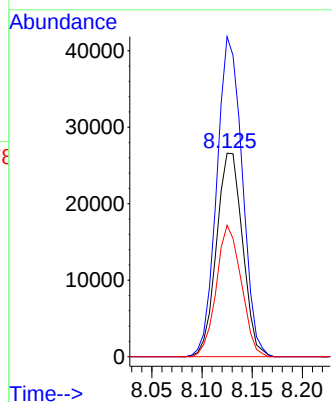
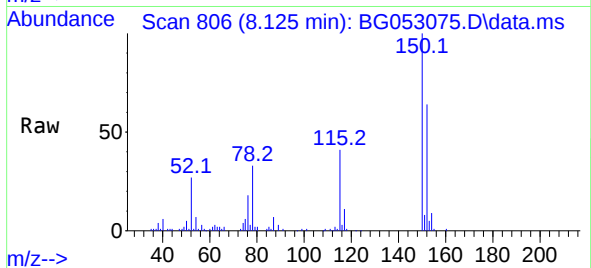
TR-05-040622

Tgt Ion:152 Resp: 4810
Ion Ratio Lower Upper
152 100
150 157.2 114.6 172.0
115 64.5 45.9 68.9

Manual Integrations

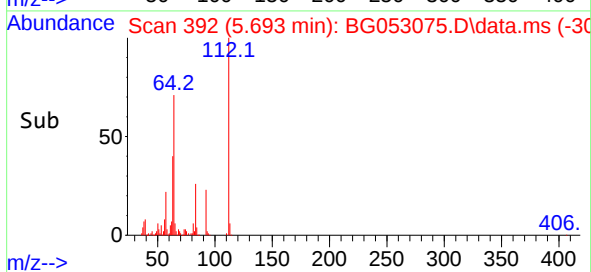
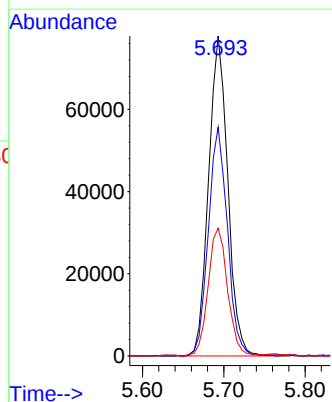
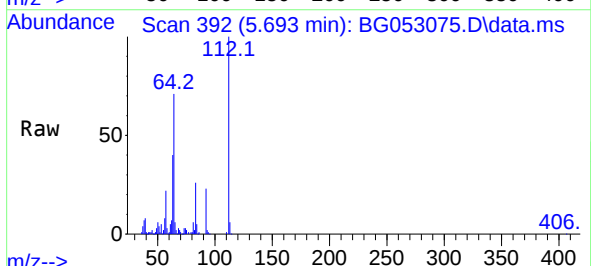
APPROVED

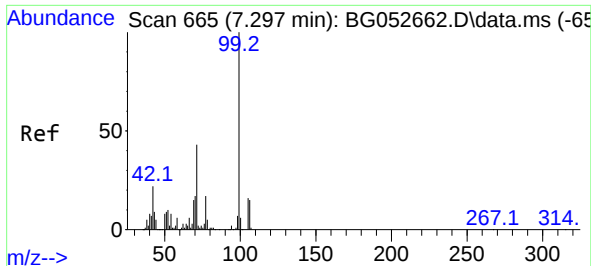
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022



#5
2-Fluorophenol
Concen: 46.207 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

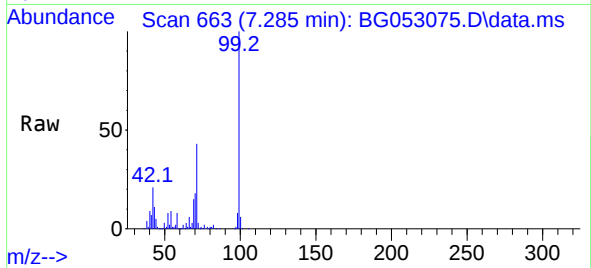
Tgt Ion:112 Resp: 127625
Ion Ratio Lower Upper
112 100
64 71.5 48.0 72.0
63 40.0 26.5 39.7





#7
Phenol-d6
Concen: 44.378 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

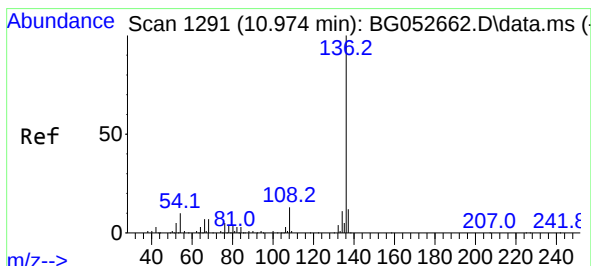
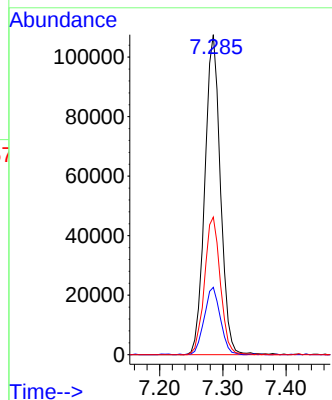
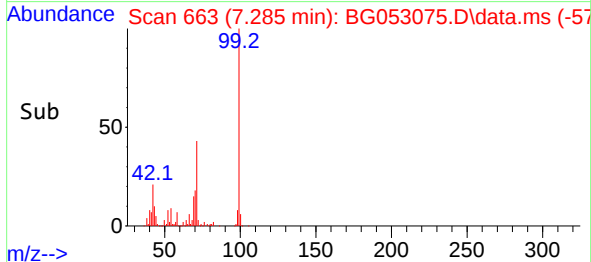
Instrument :
BNA_G
ClientSampleId :
TR-05-040622



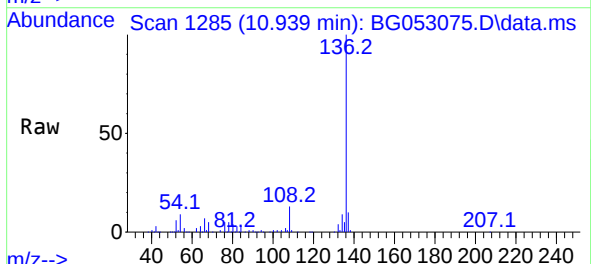
Tgt Ion: 99 Resp: 18479
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 43.0 29.2 43.8

Manual Integrations
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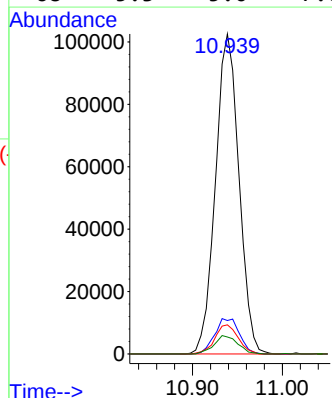
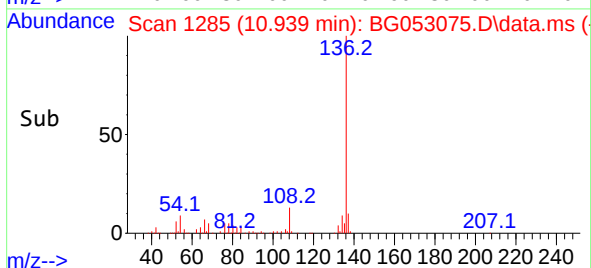
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022

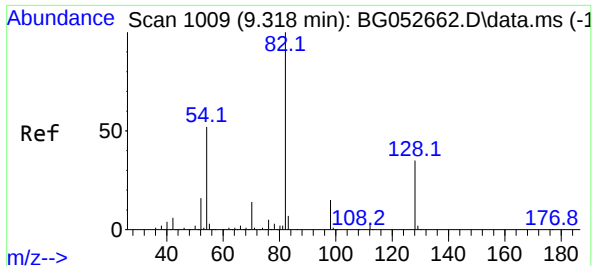


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54



Tgt Ion:136 Resp: 186110
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.1 6.4 9.6
68 5.3 5.0 7.6





#23
Nitrobenzene-d5
Concen: 35.802 ng
RT: 9.288 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

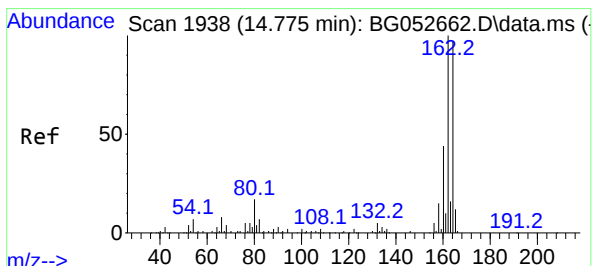
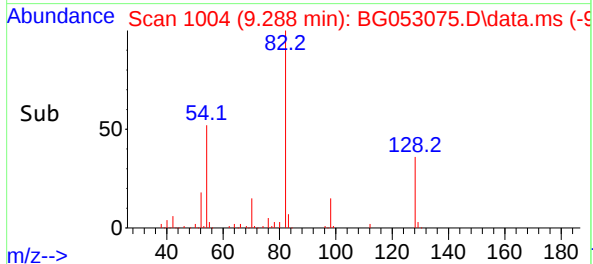
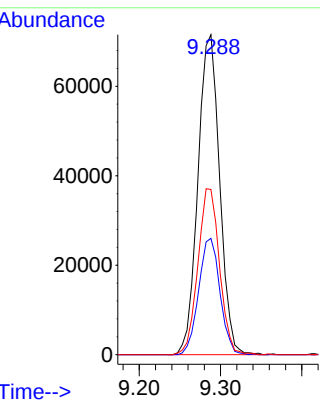
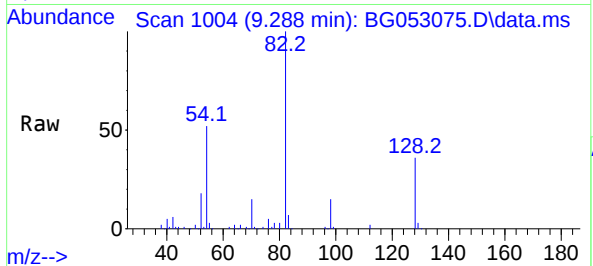
TR-05-040622

Tgt Ion: 82 Resp: 132758
Ion Ratio Lower Upper
82 100
128 36.4 31.3 46.9
54 51.6 37.8 56.8

Manual Integrations

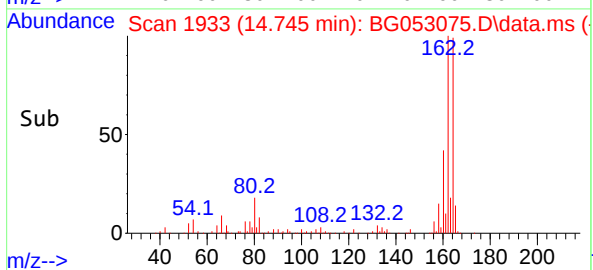
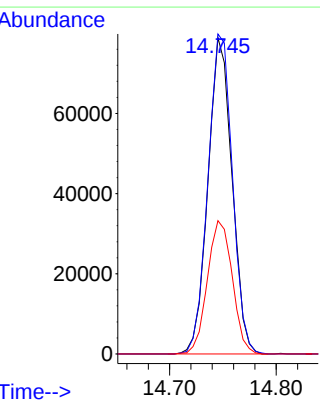
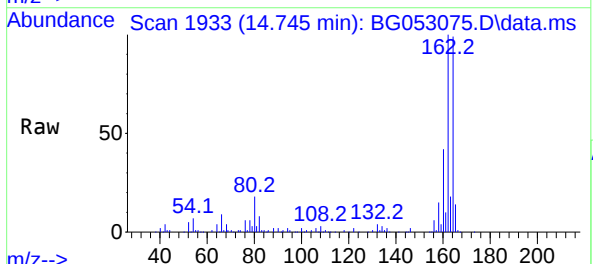
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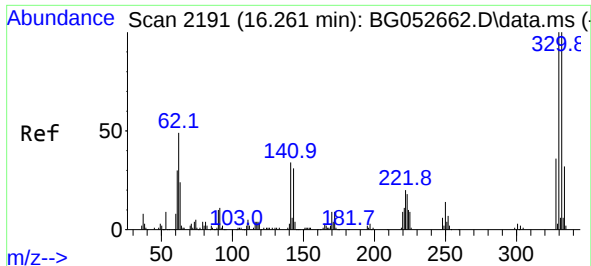
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:164 Resp: 123177
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 42.2 38.8 58.2





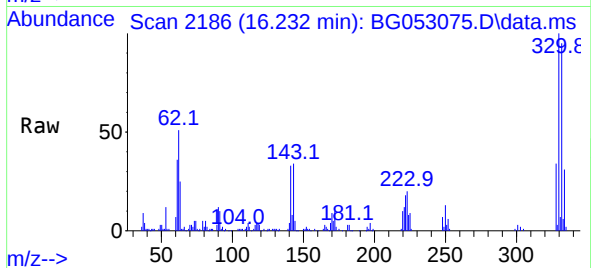
#42
2,4,6-Tribromophenol
Concen: 45.298 ng
RT: 16.232 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

TR-05-040622

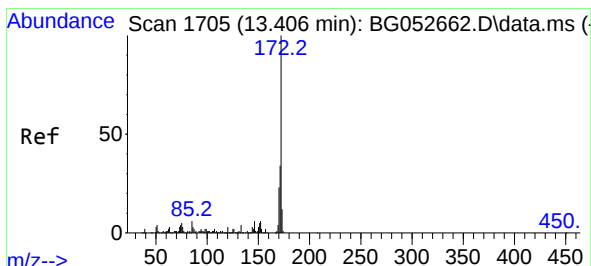
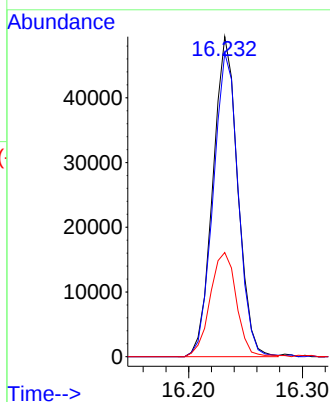
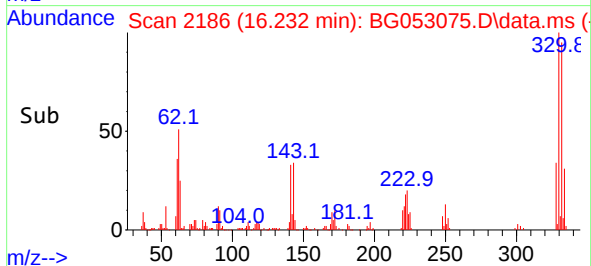


Tgt Ion:330 Resp: 74975
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 34.5 24.6 36.8

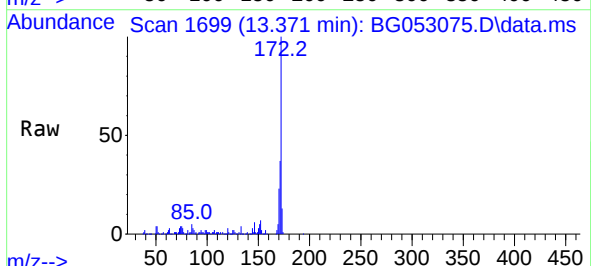
Manual Integrations

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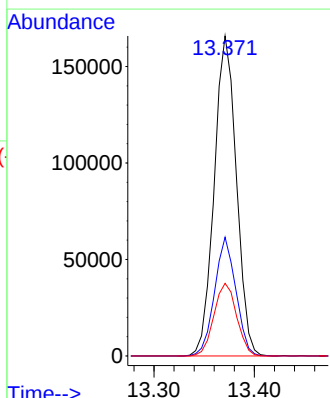
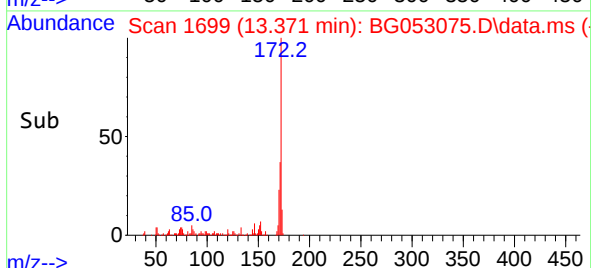
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022

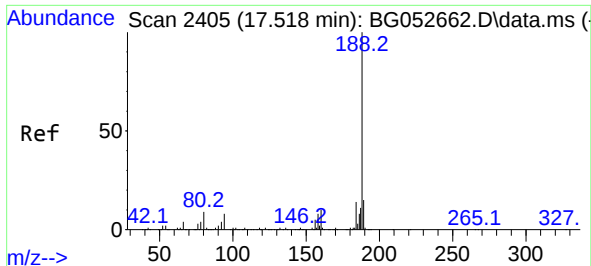


#45
2-Fluorobiphenyl
Concen: 30.403 ng
RT: 13.371 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54



Tgt Ion:172 Resp: 253919
Ion Ratio Lower Upper
172 100
171 37.1 28.3 42.5
170 22.7 18.0 27.0





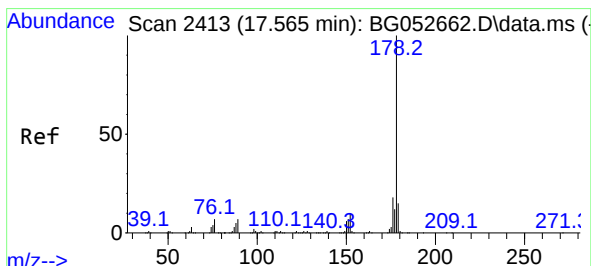
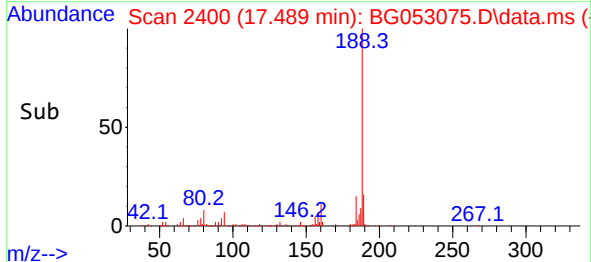
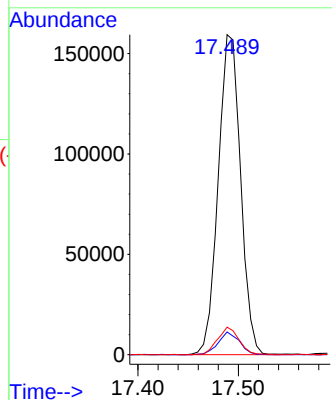
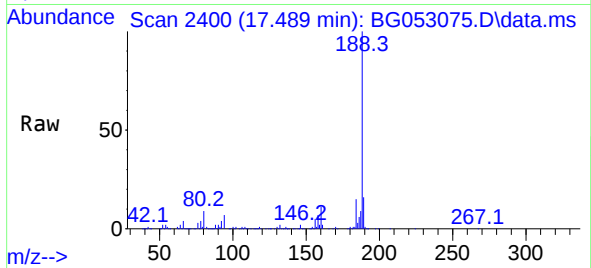
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

Tgt Ion:188 Resp: 246159
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.6 7.2 10.8

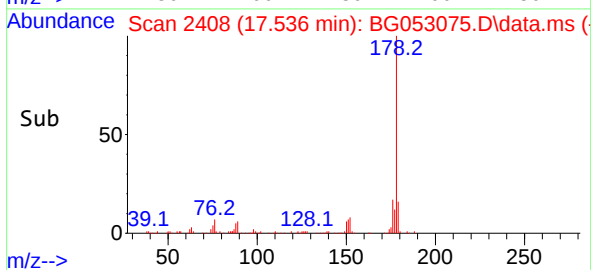
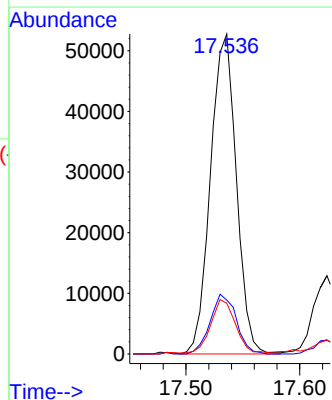
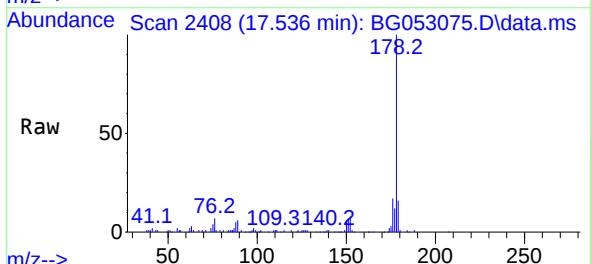
Manual Integrations
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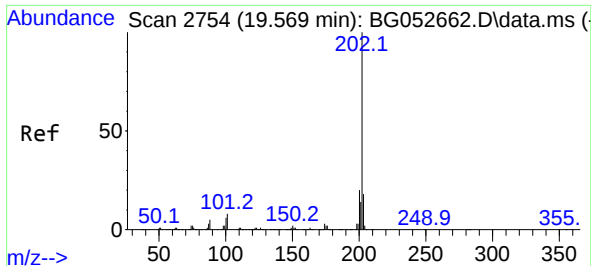
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022



#71
Phenanthrene
Concen: 6.327 ng
RT: 17.536 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

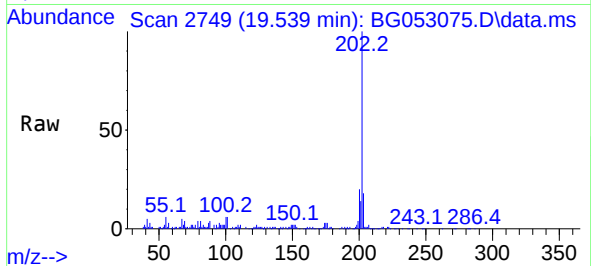
Tgt Ion:178 Resp: 83320
Ion Ratio Lower Upper
178 100
176 16.9 15.9 23.9
179 15.9 13.4 20.2





#75
Fluoranthene
Concen: 4.728 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

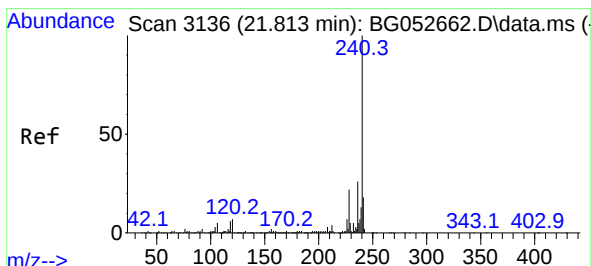
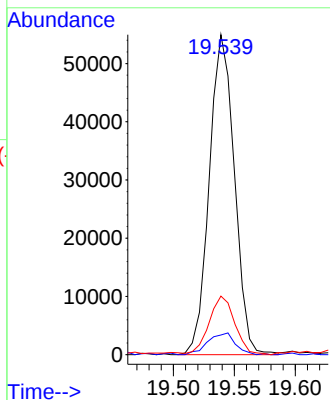
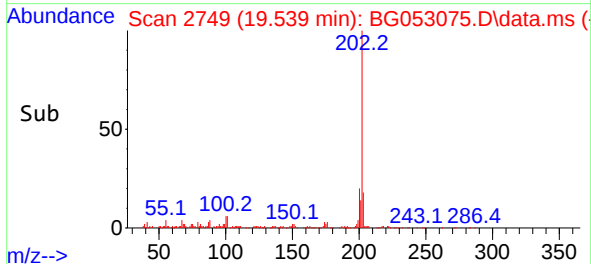
Instrument :
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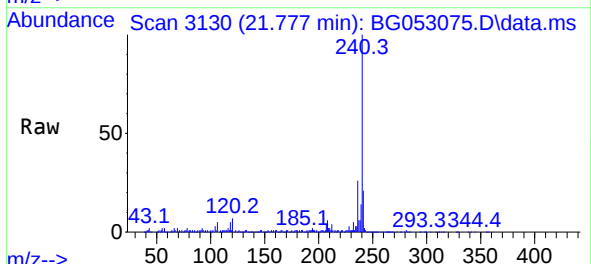
Tgt Ion:202 Resp: 7904
Ion Ratio Lower Upper
202 100
101 6.1 0.0 27.3
203 18.3 0.0 37.7

Manual Integrations
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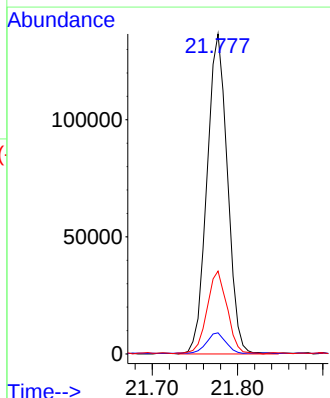
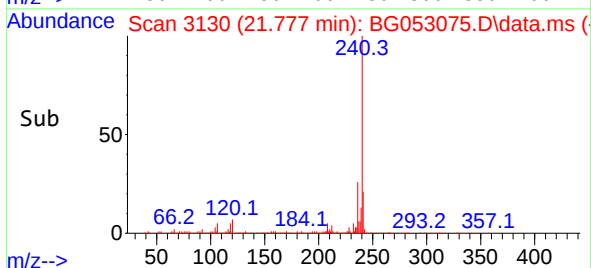
Reviewed By :Christian Giraldo 04/08/2022
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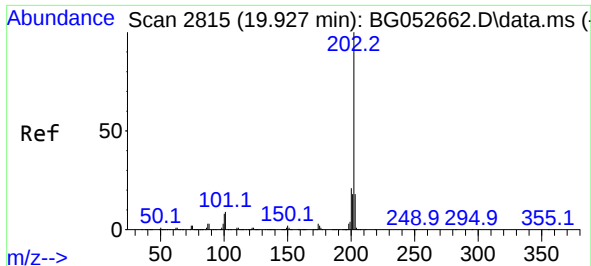


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54



Tgt Ion:240 Resp: 228144
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.9 19.8 29.6





#78
Pyrene
Concen: 4.842 ng
RT: 19.903 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

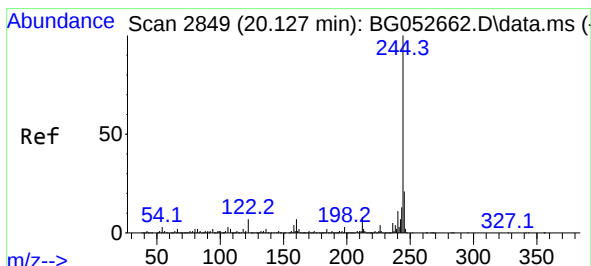
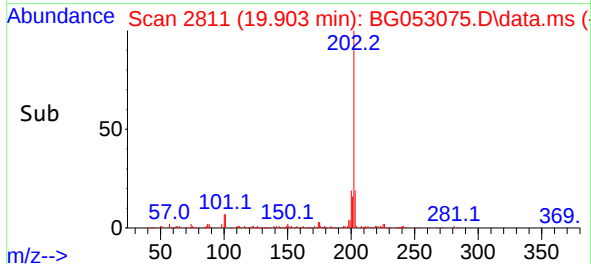
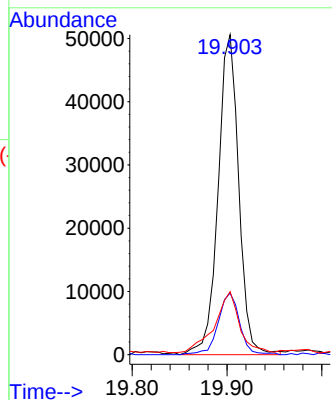
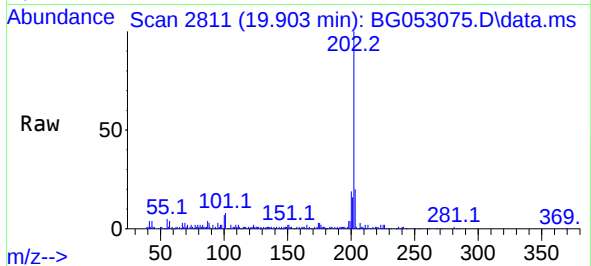
TR-05-040622

Tgt Ion:202 Resp: 76634
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.6
203 19.7 15.0 22.6

Manual Integrations

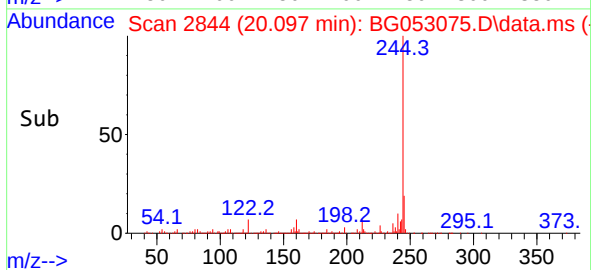
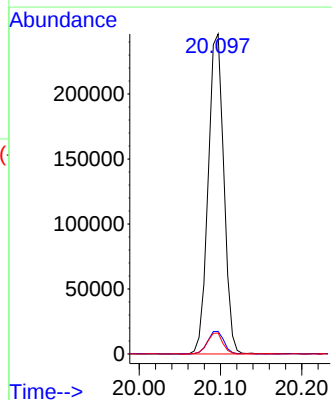
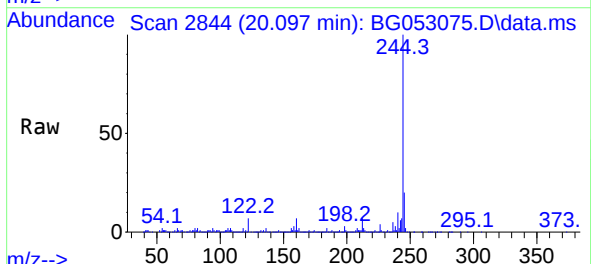
APPROVED

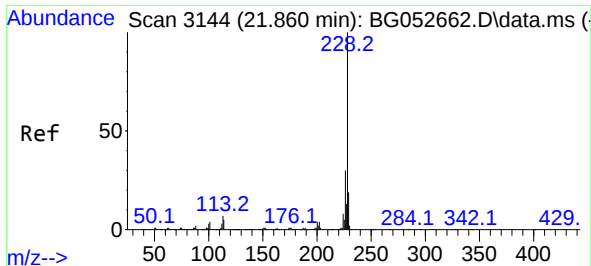
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022



#79
Terphenyl-d14
Concen: 25.647 ng
RT: 20.097 min Scan# 2844
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

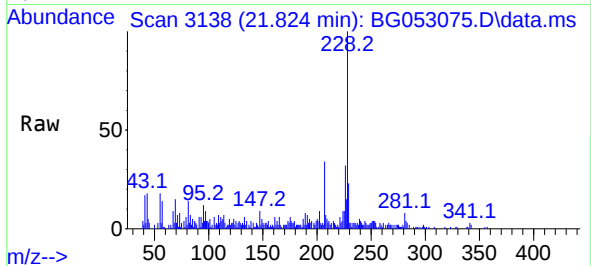
Tgt Ion:244 Resp: 328934
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 6.5 5.8 8.6





#83
Chrysene
Concen: 2.081 ng m
RT: 21.824 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

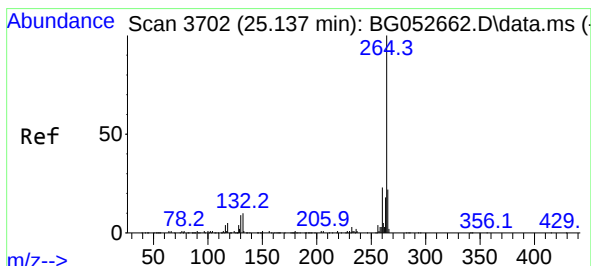
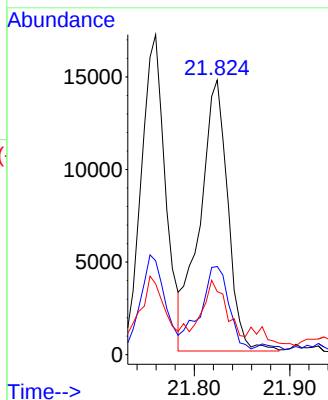
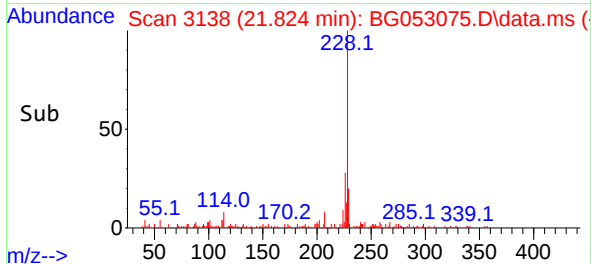
Instrument :
BNA_G
ClientSampleId :
TR-05-040622



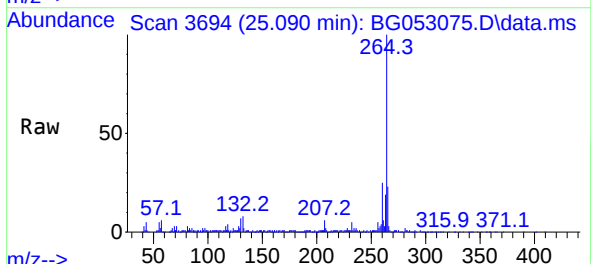
Tgt Ion:228 Resp: 2989
Ion Ratio Lower Upper
228 100
226 32.1 24.2 36.4
229 22.9 16.3 24.5

Manual Integrations
APPROVED

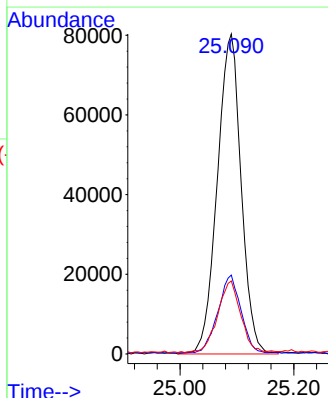
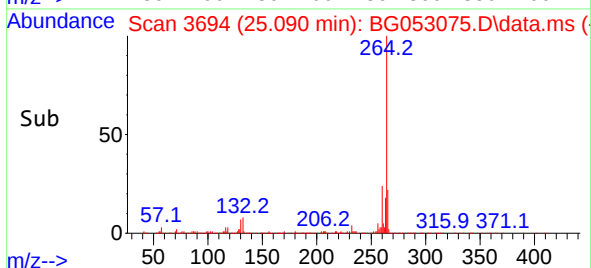
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022

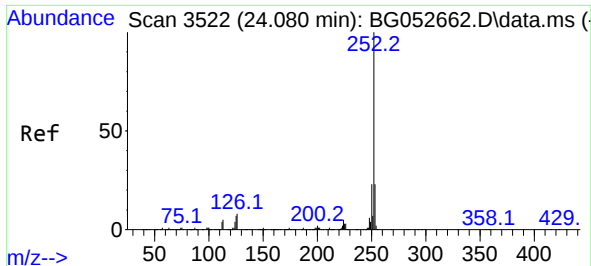


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.090 min Scan# 3694
Delta R.T. 0.009 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54



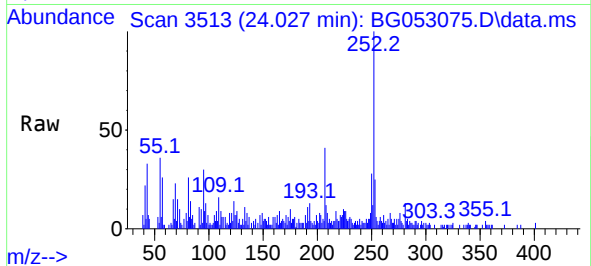
Tgt Ion:264 Resp: 233821
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.2
265 22.8 15.1 22.7#





#88
Benzo(b)fluoranthene
Concen: 2.336 ng
RT: 24.027 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

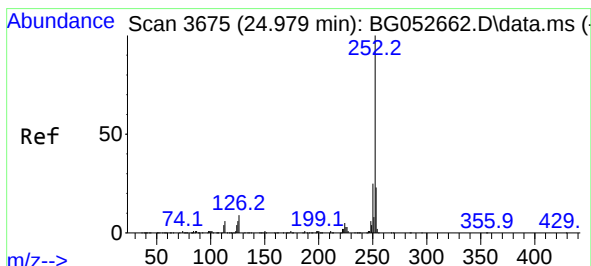
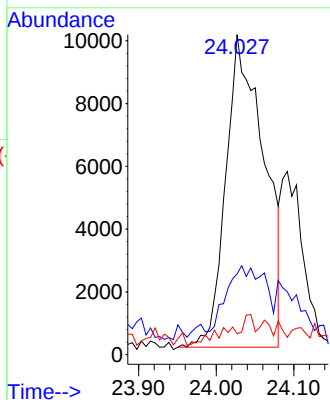
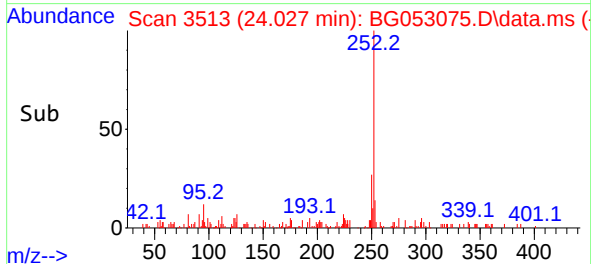
Instrument :
BNA_G
ClientSampleId :
TR-05-040622



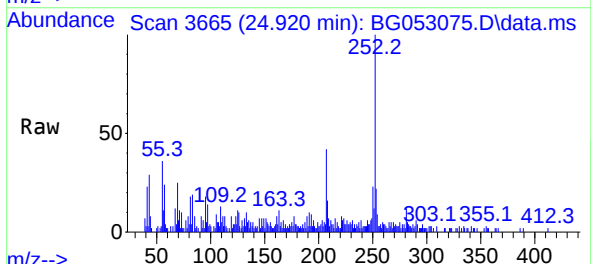
Tgt Ion:252 Resp: 3391
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 6.6 5.2 7.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022



#90
Benzo(a)pyrene
Concen: 2.121 ng
RT: 24.920 min Scan# 3665
Delta R.T. -0.009 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54



Tgt Ion:252 Resp: 26062
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 10.6 5.6 8.4

