

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056546.D
 Acq On : 3 Feb 2023 19:55
 Operator : CG/JU
 Sample : 01386-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-9-013123DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:14:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	46462	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	176528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.897	164	124854	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	284654	20.000	ng	0.00
76) Chrysene-d12	21.924	240	263859	20.000	ng	0.00
86) Perylene-d12	25.349	264	275155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	52784	20.899	ng	0.00
7) Phenol-d6	7.423	99	74512	19.911	ng	0.00
23) Nitrobenzene-d5	9.450	82	39577	12.731	ng	0.00
42) 2,4,6-Tribromophenol	16.377	330	28871	17.394	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	126774	14.077	ng	0.00
79) Terphenyl-d14	20.208	244	201210	13.393	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.676	178	133480	8.959	ng	97
75) Fluoranthene	19.668	202	357796	19.028	ng	100
78) Pyrene	20.032	202	427241	22.767	ng	99
81) Benzo(a)anthracene	21.906	228	207337	11.240	ng	98
83) Chrysene	21.971	228	209231m	12.073	ng	
87) Indeno(1,2,3-cd)pyrene	29.286	276	143696	7.134	ng	# 96
88) Benzo(b)fluoranthene	24.256	252	299710	17.549	ng	98
89) Benzo(k)fluoranthene	24.315	252	104073m	6.036	ng	
90) Benzo(a)pyrene	25.185	252	266710	15.853	ng	100
92) Benzo(g,h,i)perylene	30.526	276	139921	8.577	ng	# 96

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

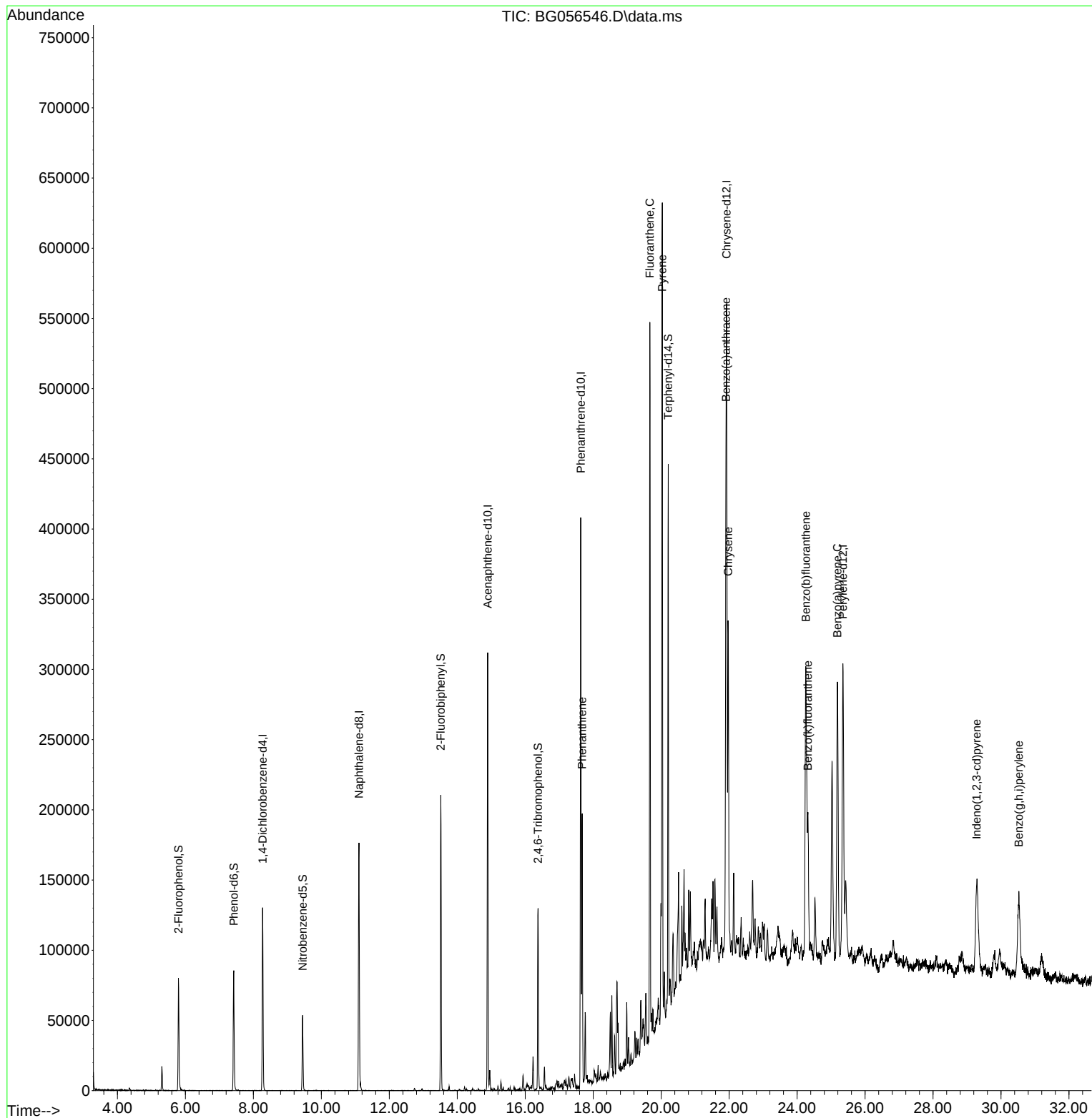
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056546.D
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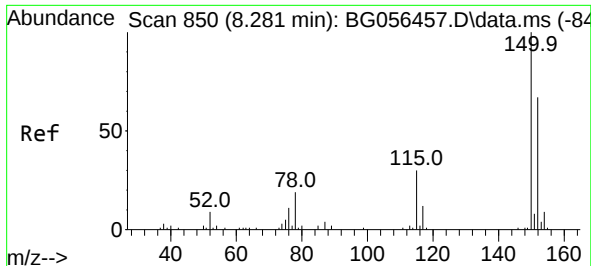
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Quant Time: Feb 04 05:14:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
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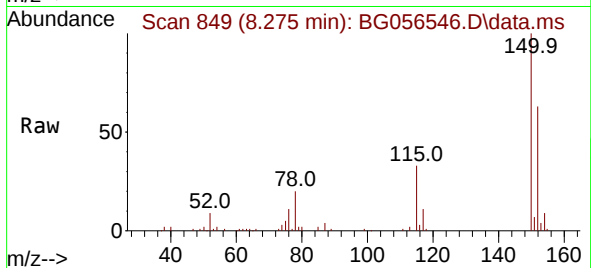
Reviewed By : Christian Giraldo 02/06/2023
Supervised By : Jagrut Upadhyay 02/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

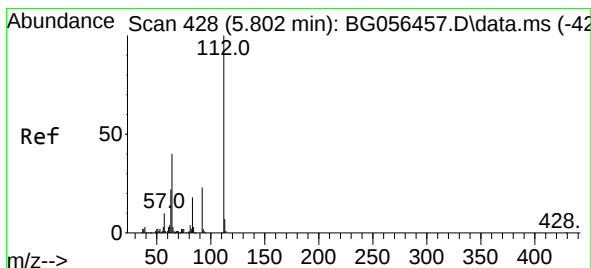
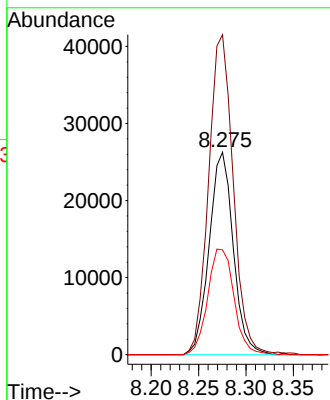
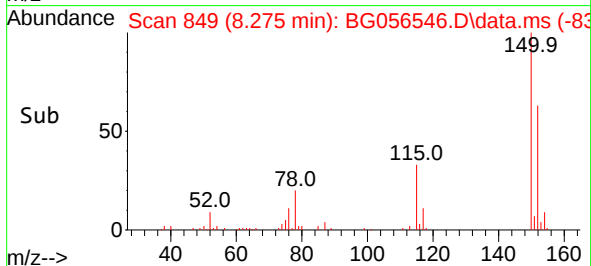
Instrument :
BNA_G
ClientSampleId :
JPP-9-013123DL



Tgt Ion:152 Resp: 46462
Ion Ratio Lower Upper
152 100
150 158.1 120.2 180.4
115 51.8 36.3 54.5

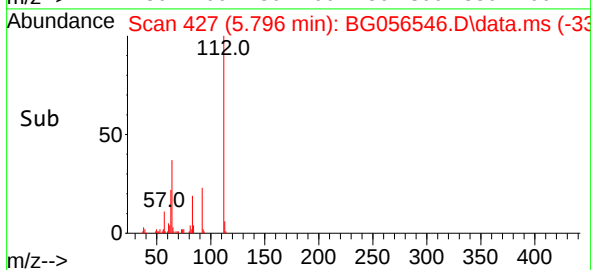
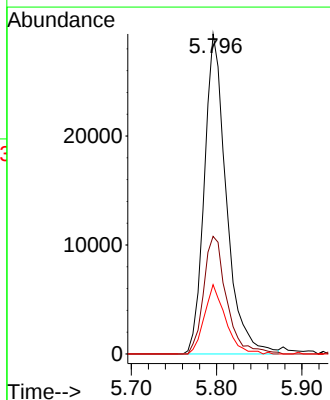
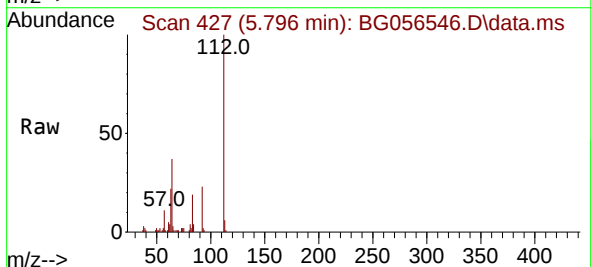
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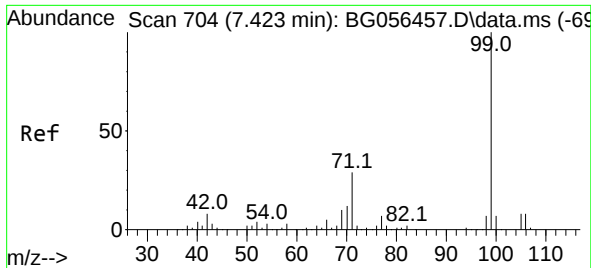
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Supervised By :Jagrut Upadhyay 02/06/2023



#5
2-Fluorophenol
Concen: 20.899 ng
RT: 5.796 min Scan# 427
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Tgt Ion:112 Resp: 52784
Ion Ratio Lower Upper
112 100
64 36.8 31.9 47.9
63 21.7 17.4 26.0





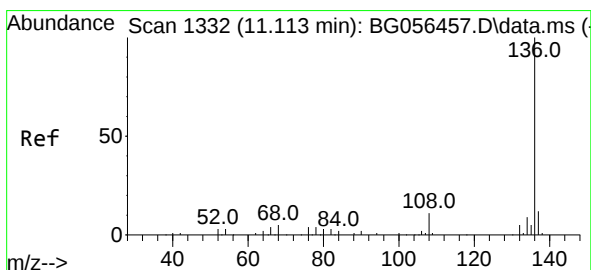
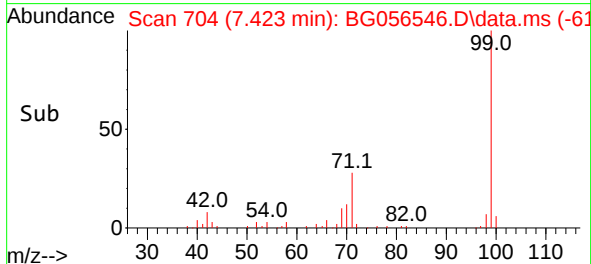
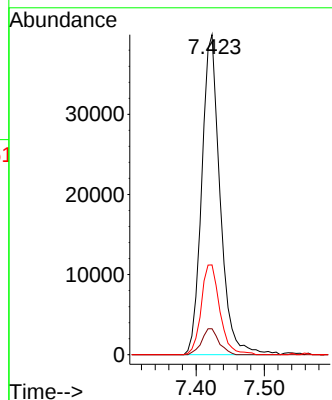
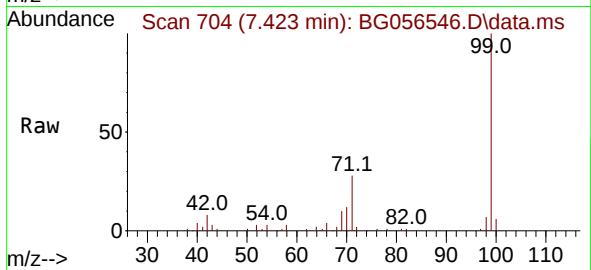
#7
Phenol-d6
Concen: 19.911 ng
RT: 7.423 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
JPP-9-013123DL

Tgt Ion: 99 Resp: 74512
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 28.1 23.4 35.0

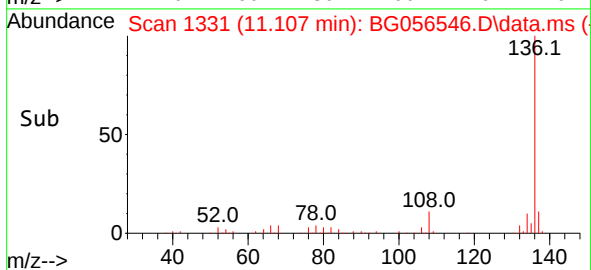
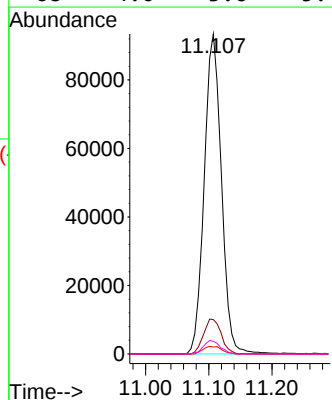
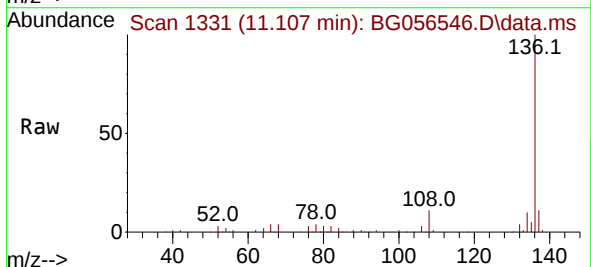
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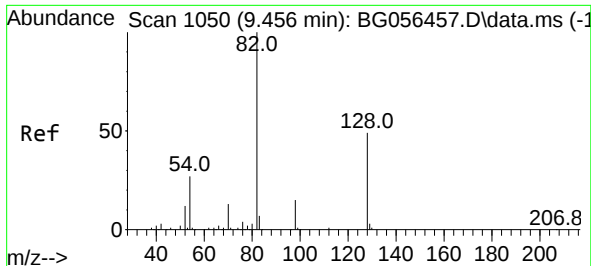
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Supervised By :Jagrut Upadhyay 02/06/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Tgt Ion:136 Resp: 176528
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.2 2.2 3.4#
68 4.0 3.6 5.4





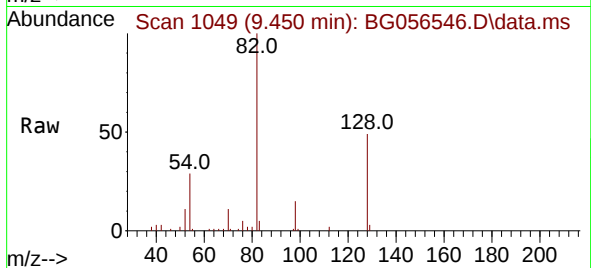
#23
Nitrobenzene-d5
Concen: 12.731 ng
RT: 9.450 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

JPP-9-013123DL

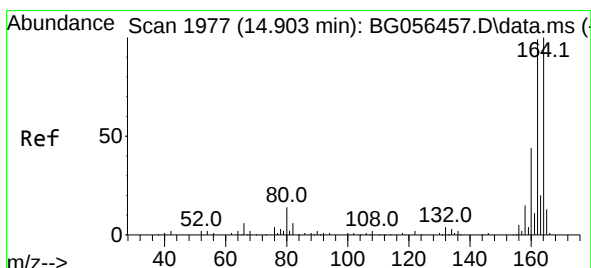
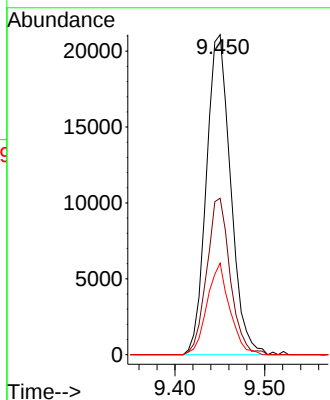
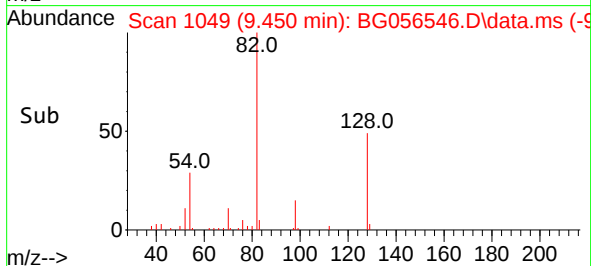


Tgt Ion: 82 Resp: 3957
Ion Ratio Lower Upper
82 100
128 48.9 39.4 59.2
54 28.6 21.4 32.2

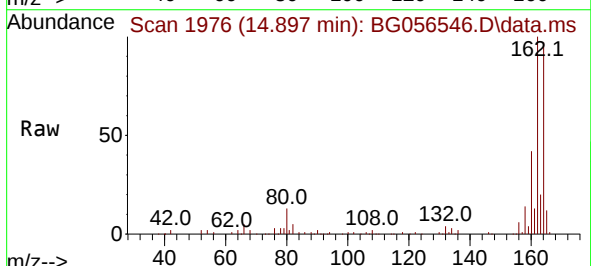
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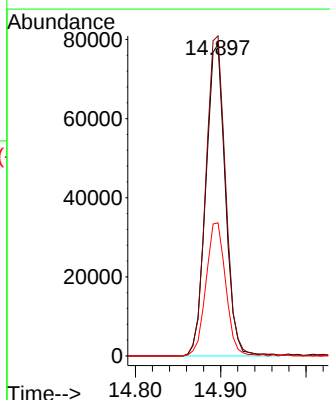
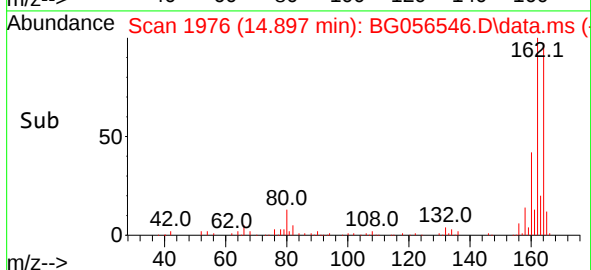
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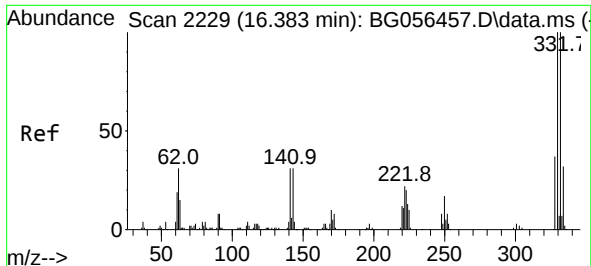


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



Tgt Ion:164 Resp: 124854
Ion Ratio Lower Upper
164 100
162 102.7 79.6 119.4
160 42.7 34.9 52.3





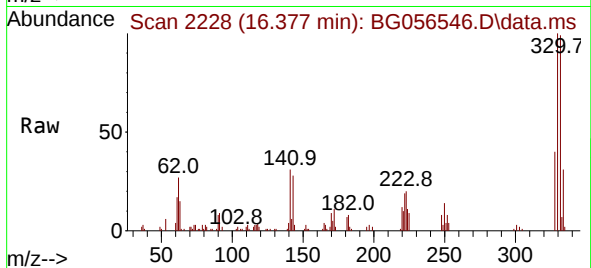
#42
2,4,6-Tribromophenol
Concen: 17.394 ng
RT: 16.377 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

JPP-9-013123DL

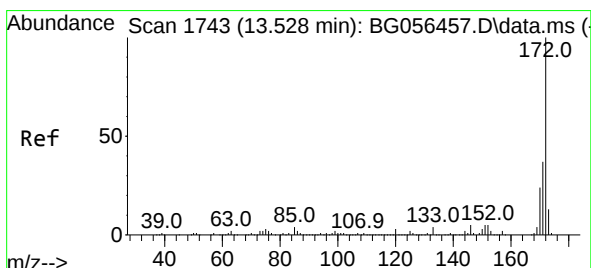
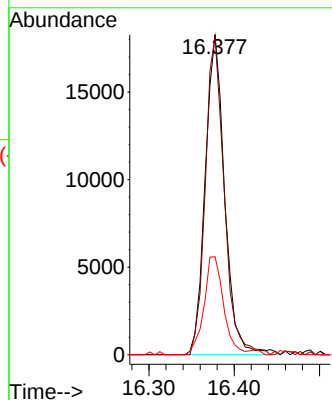
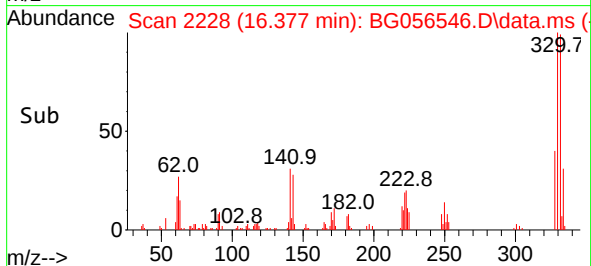


Tgt Ion:330 Resp: 2887
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 30.9 24.2 36.4

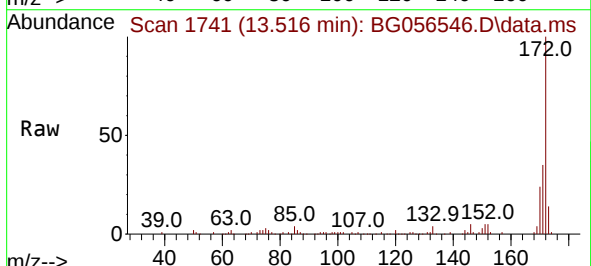
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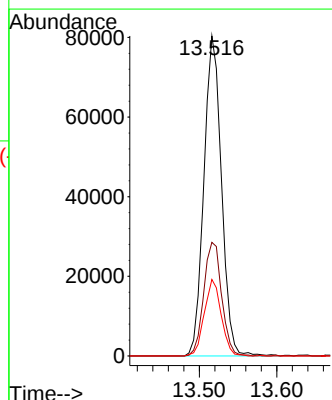
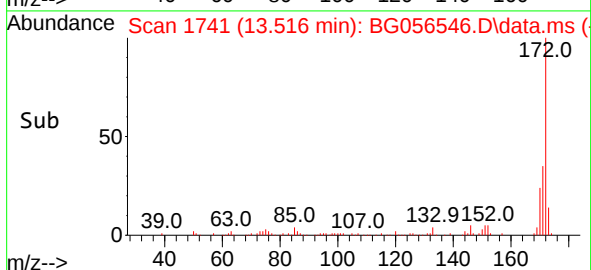
Reviewed By :Christian Giraldo 02/06/2023
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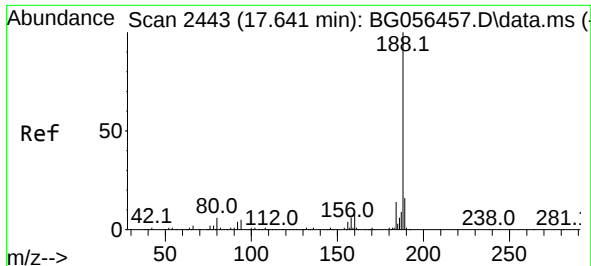


#45
2-Fluorobiphenyl
Concen: 14.077 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



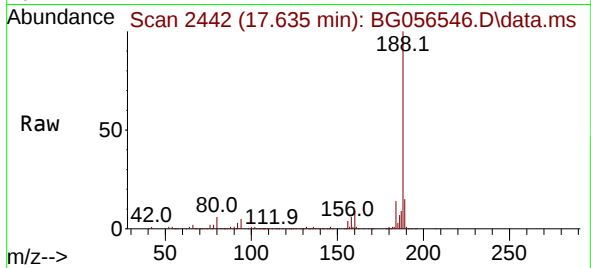
Tgt Ion:172 Resp: 126774
Ion Ratio Lower Upper
172 100
171 35.5 29.5 44.3
170 23.9 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

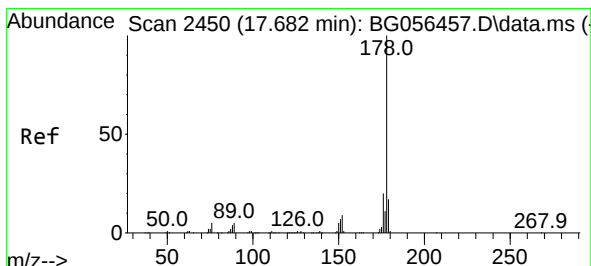
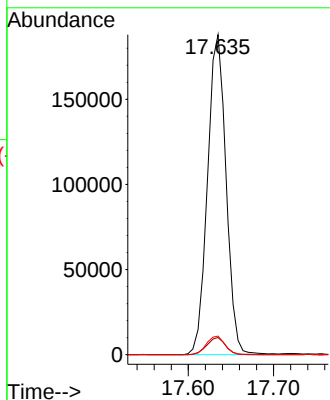
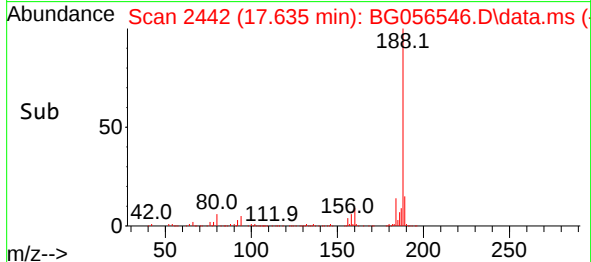
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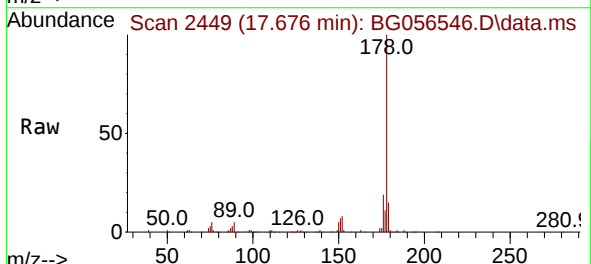
Tgt Ion:188 Resp: 284654
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 5.8 5.0 7.4

Manual Integrations
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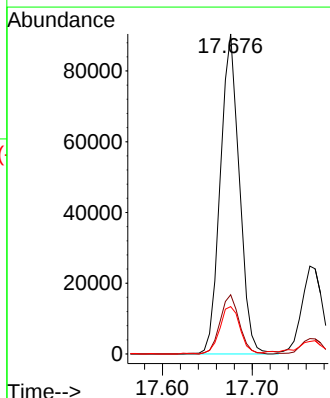
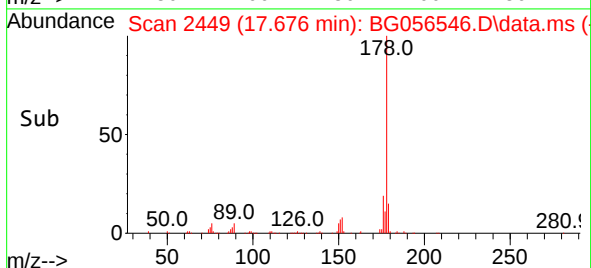
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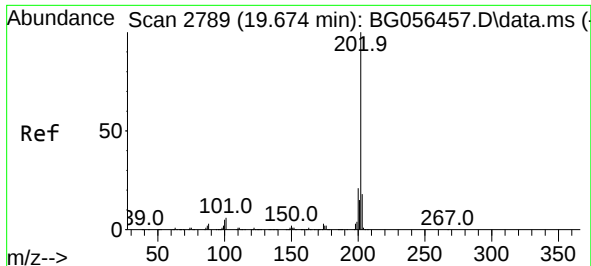


#71
Phenanthrene
Concen: 8.959 ng
RT: 17.676 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



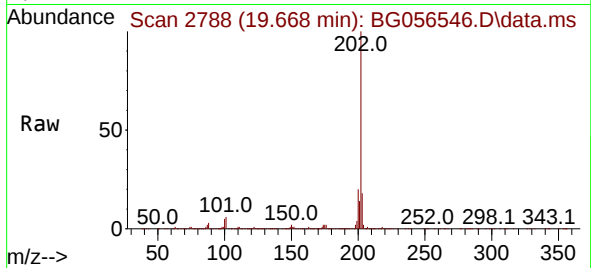
Tgt Ion:178 Resp: 133480
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 14.8 13.3 19.9





#75
Fluoranthene
Concen: 19.028 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

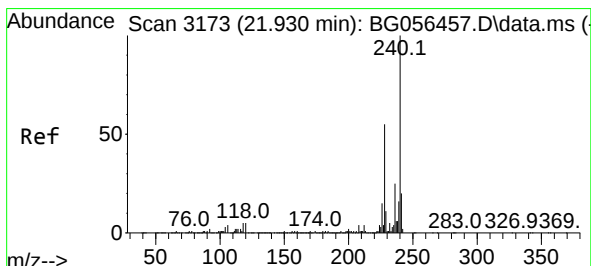
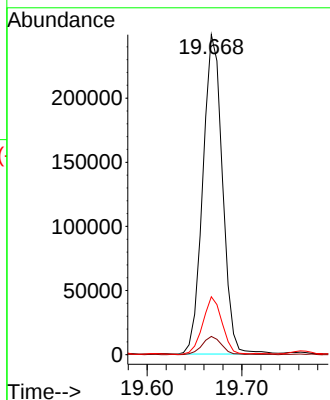
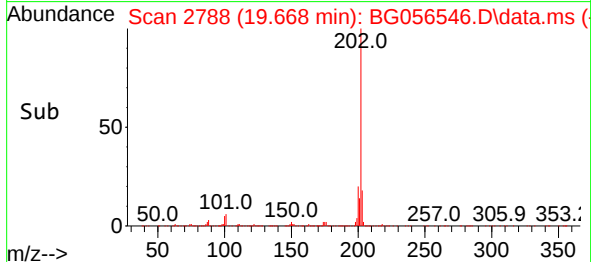
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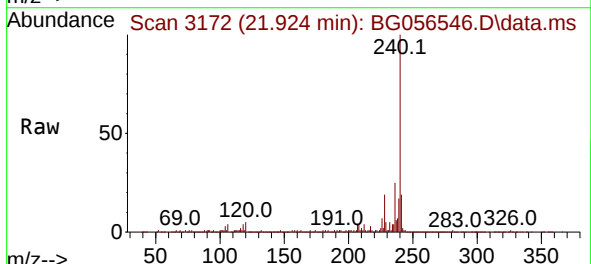
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Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 18.1 0.0 38.1

Manual Integrations
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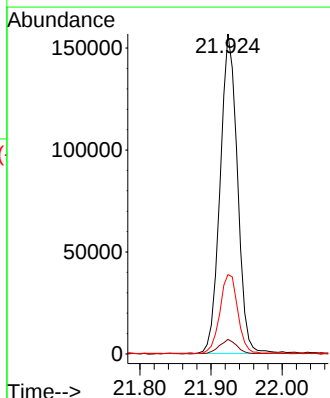
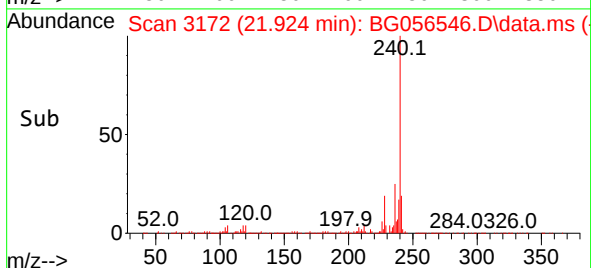
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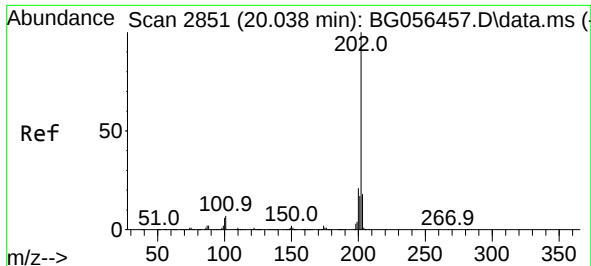


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



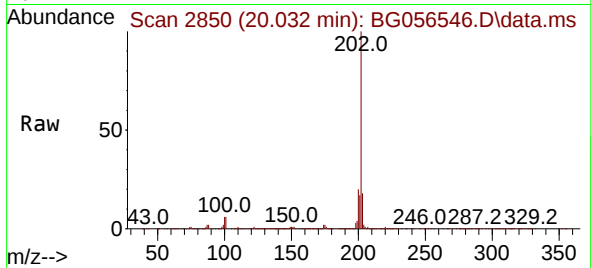
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Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 24.8 20.2 30.2





#78
Pyrene
Concen: 22.767 ng
RT: 20.032 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

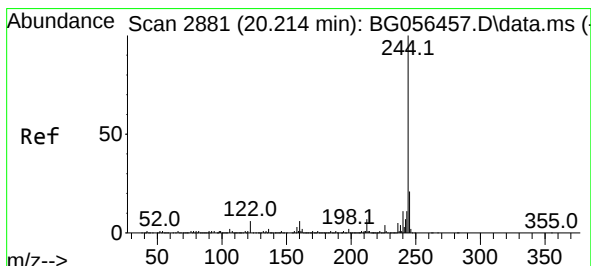
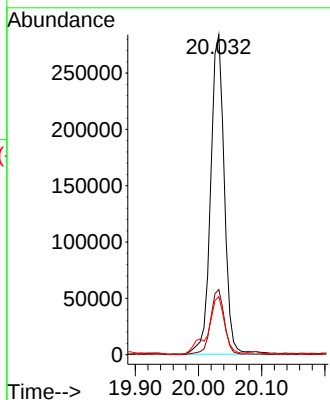
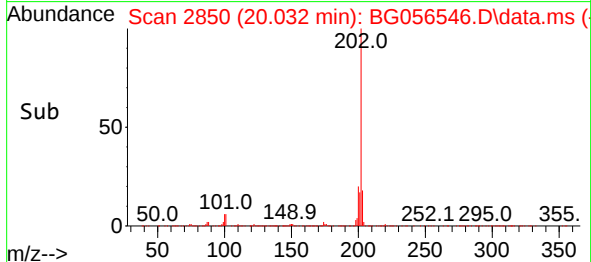
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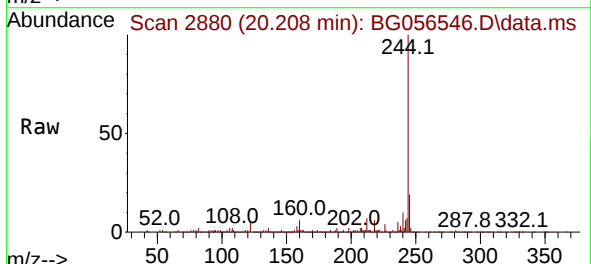
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Ion Ratio Lower Upper
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200 20.4 16.7 25.1
203 18.2 14.4 21.6

Manual Integrations
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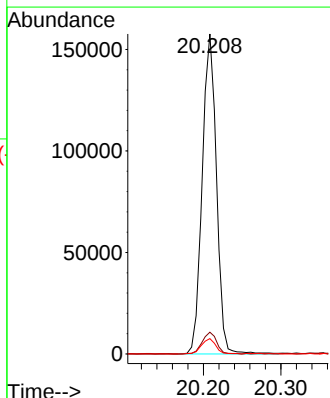
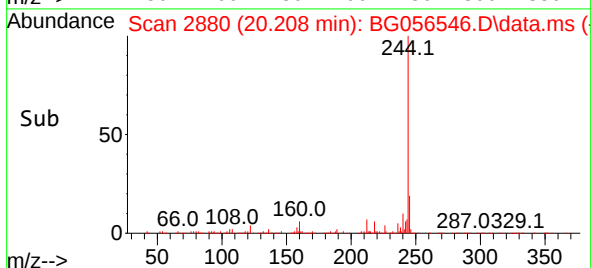
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Supervised By :Jagrut Upadhyay 02/06/2023

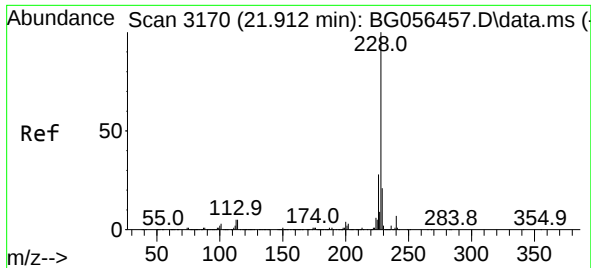


#79
Terphenyl-d14
Concen: 13.393 ng
RT: 20.208 min Scan# 2880
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



Tgt Ion:244 Resp: 201210
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 4.8 4.4 6.6





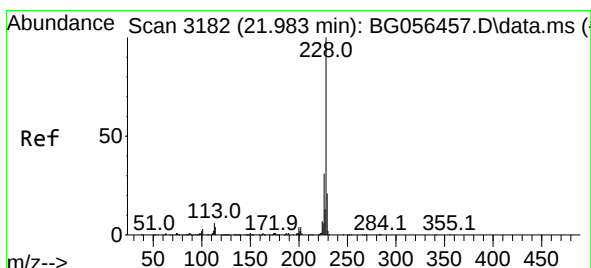
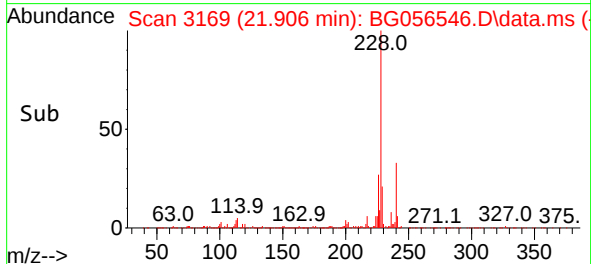
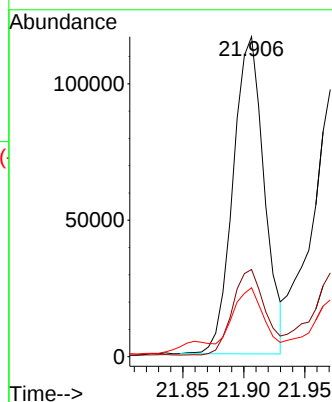
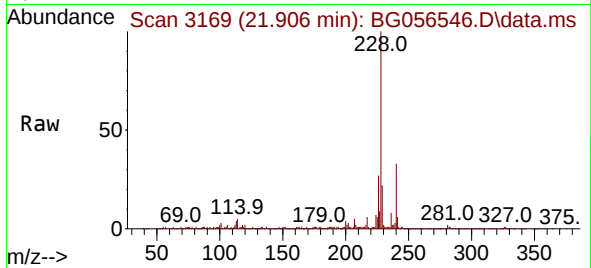
#81
Benzo(a)anthracene
Concen: 11.240 ng
RT: 21.906 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
JPP-9-013123DL

Tgt Ion:228 Resp: 20733
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 21.5 16.5 24.7

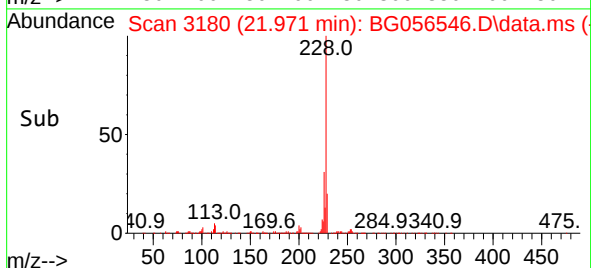
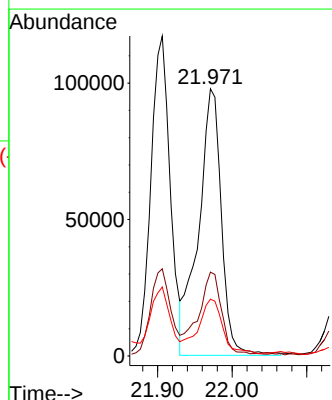
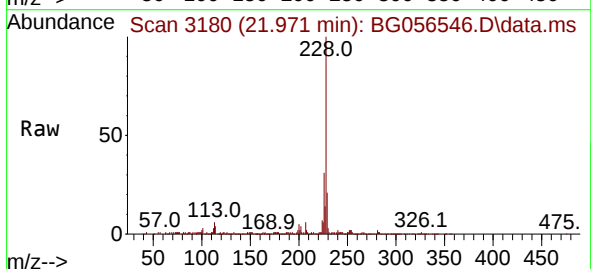
Manual Integrations
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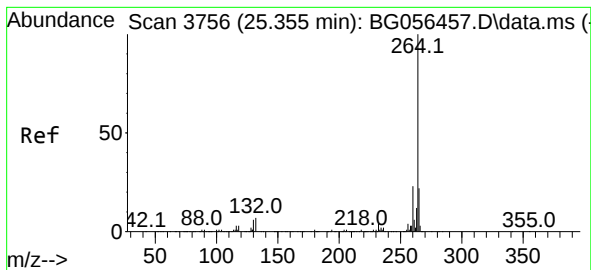
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#83
Chrysene
Concen: 12.073 ng m
RT: 21.971 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Tgt Ion:228 Resp: 209231
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 21.2 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.349 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056546.D

Acq: 3 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

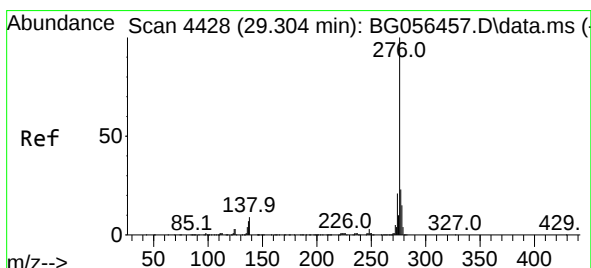
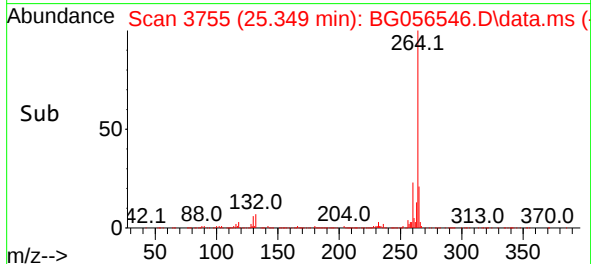
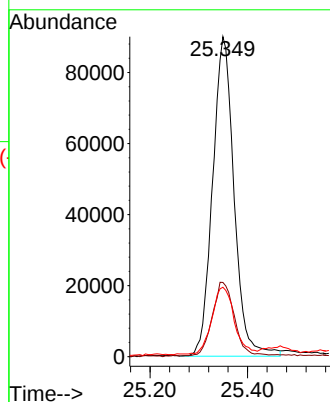
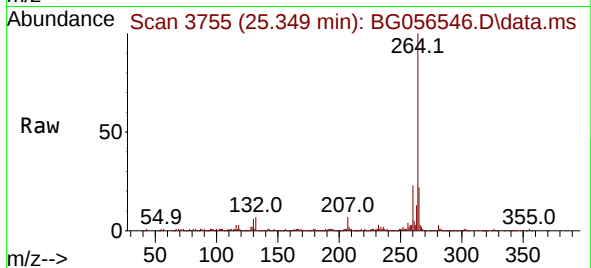
JPP-9-013123DL

Tgt Ion:	264	Resp:	27515
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.7	18.1	27.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.134 ng

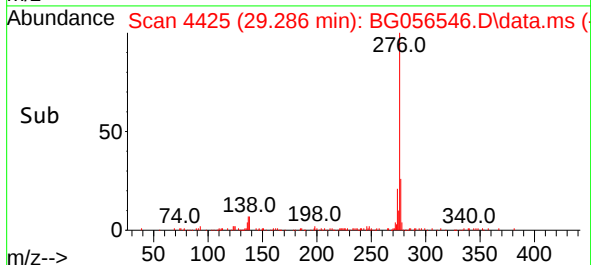
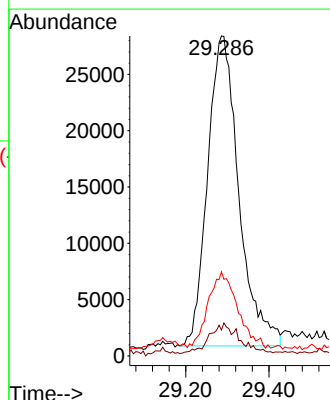
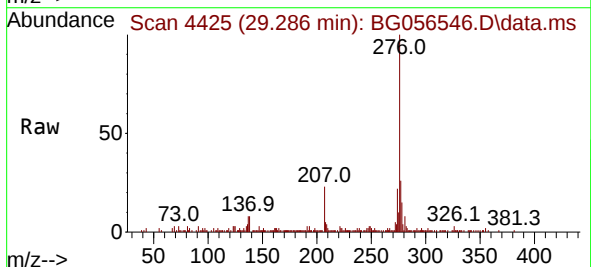
RT: 29.286 min Scan# 4425

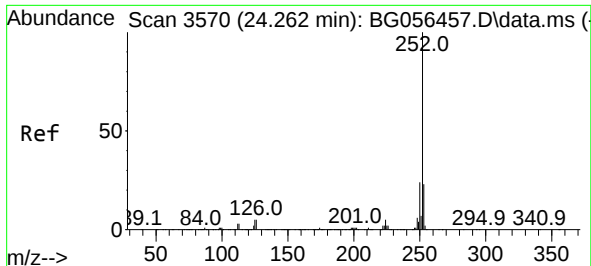
Delta R.T. 0.006 min

Lab File: BG056546.D

Acq: 3 Feb 2023 19:55

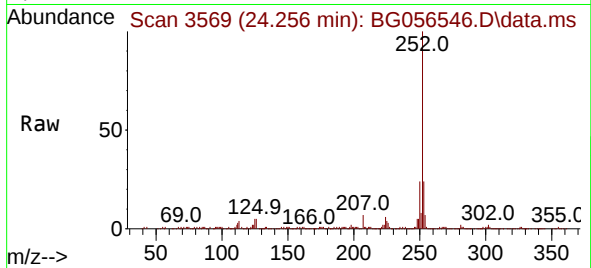
Tgt Ion:	276	Resp:	143696
Ion Ratio	Lower	Upper	
276	100		
138	8.2	9.4	14.2#
277	24.7	20.3	30.5





#88
Benzo(b)fluoranthene
Concen: 17.549 ng
RT: 24.256 min Scan# 3569
Delta R.T. 0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

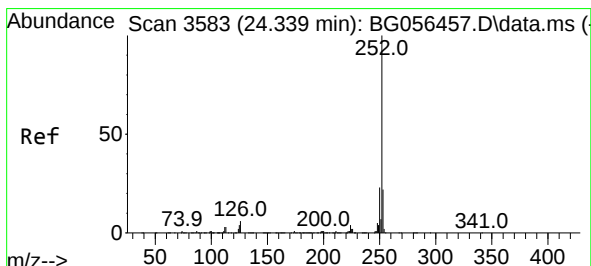
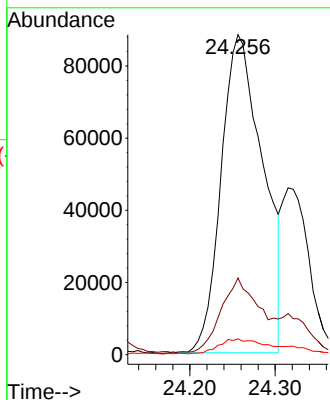
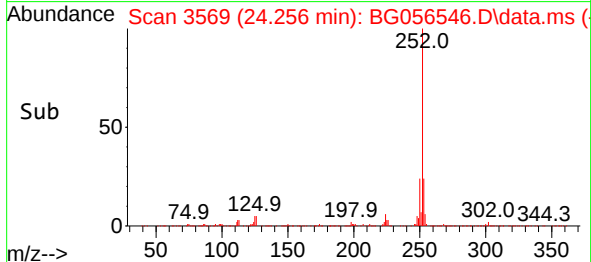
Instrument :
BNA_G
ClientSampleId :
JPP-9-013123DL



Tgt Ion:252 Resp: 299710
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 5.0 3.9 5.9

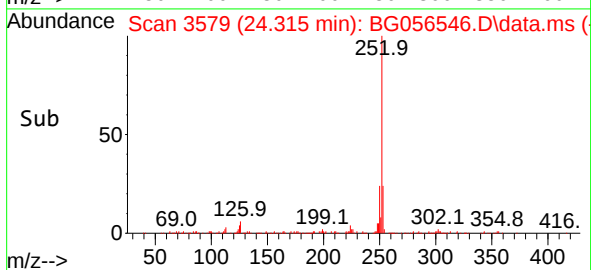
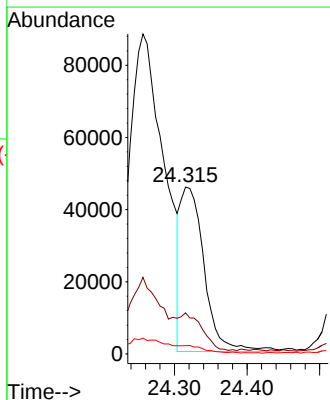
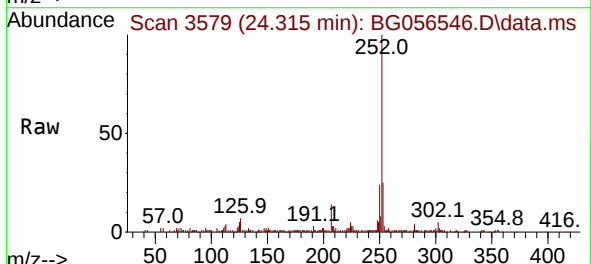
Manual Integrations
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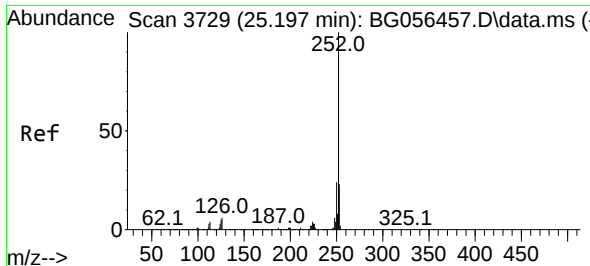
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#89
Benzo(k)fluoranthene
Concen: 6.036 ng m
RT: 24.315 min Scan# 3579
Delta R.T. -0.006 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Tgt Ion:252 Resp: 104073
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 5.0 3.4 5.0





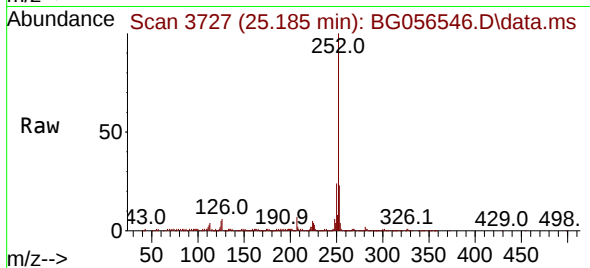
#90
Benzo(a)pyrene
Concen: 15.853 ng
RT: 25.185 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

JPP-9-013123DL

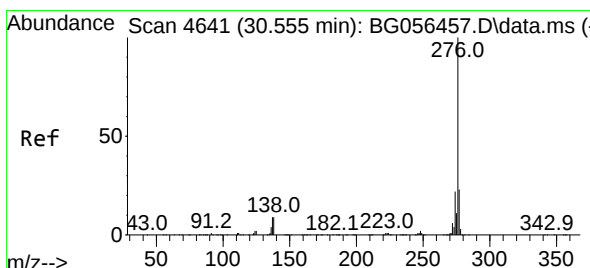
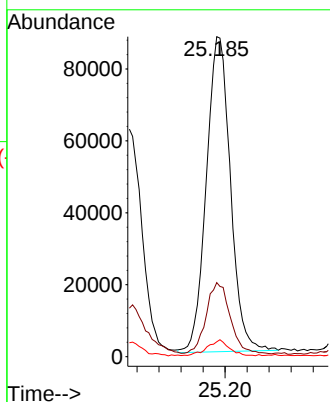
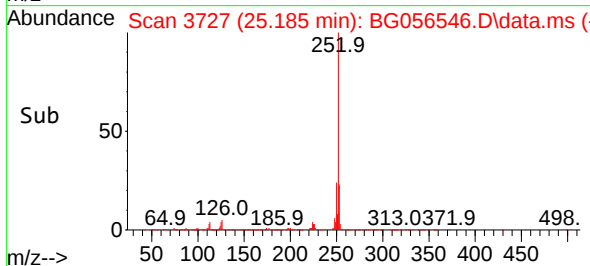


Tgt Ion:252 Resp: 266710
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 4.6 4.1 6.1

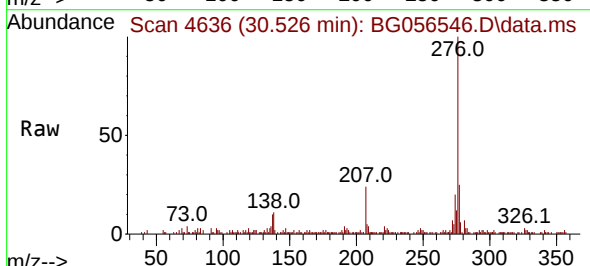
Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 8.577 ng
RT: 30.526 min Scan# 4636
Delta R.T. -0.000 min
Lab File: BG056546.D
Acq: 3 Feb 2023 19:55



Tgt Ion:276 Resp: 139921
Ion Ratio Lower Upper
276 100
277 24.9 18.5 27.7
138 11.1 7.4 11.0#

