

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055796.D
 Acq On : 26 Nov 2022 1:33
 Operator : CG/JU
 Sample : N5780-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-M

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/28/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 26 02:05:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	61029	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	242846	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	153067	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	312576	20.000	ng	0.00
76) Chrysene-d12	21.895	240	291095	20.000	ng	0.00
86) Perylene-d12	25.302	264	311342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.772	112	169332	50.152	ng	0.00
7) Phenol-d6	7.382	99	216312	48.128	ng	0.00
23) Nitrobenzene-d5	9.409	82	133508	29.058	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	91802	42.592	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	305839	29.934	ng	0.00
79) Terphenyl-d14	20.185	244	428643	29.452	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.586	152	30998	2.171	ng	98
71) Phenanthrene	17.641	178	71050	4.212	ng	99
75) Fluoranthene	19.638	202	86342	4.207	ng	99
78) Pyrene	20.003	202	158863	8.063	ng	99
81) Benzo(a)anthracene	21.877	228	74609	3.721	ng	# 92
83) Chrysene	21.942	228	87386	4.578	ng	95
88) Benzo(b)fluoranthene	24.215	252	81678m	4.028	ng	
90) Benzo(a)pyrene	25.144	252	76173	4.378	ng	# 91
92) Benzo(g,h,i)perylene	30.455	276	44756	2.131	ng	# 90

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

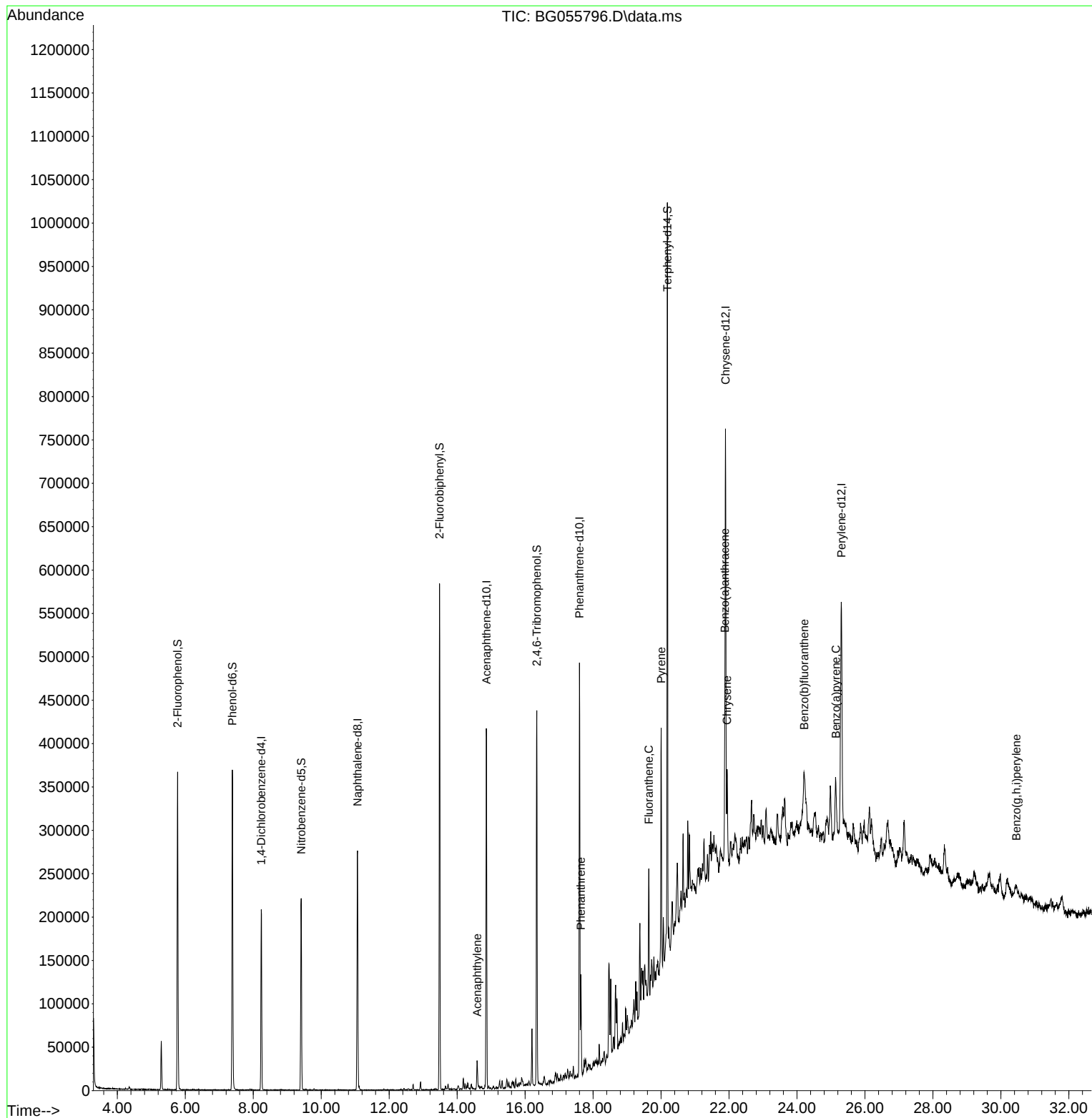
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
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Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

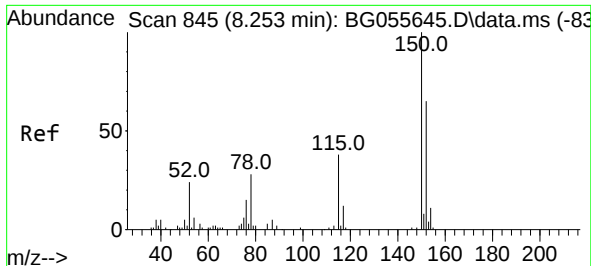
Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Time: Nov 26 02:05:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration

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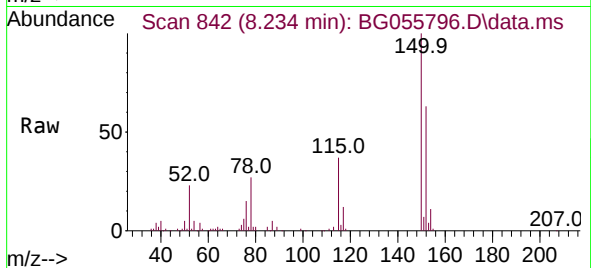
Reviewed By : Christian Giraldo 11/28/2022
Supervised By : Jagrut Upadhyay 11/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

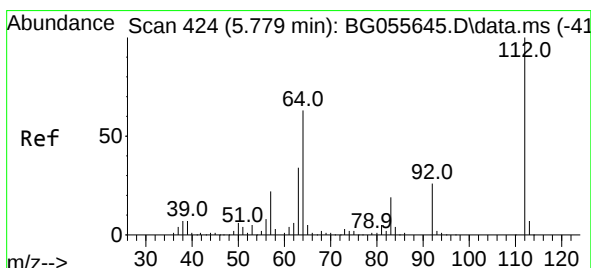
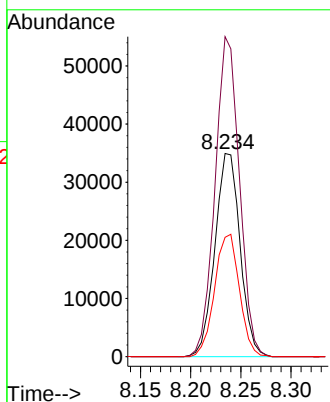
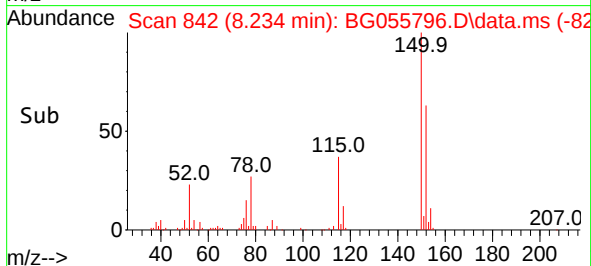
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BNA_G
ClientSampleId :
TP-M



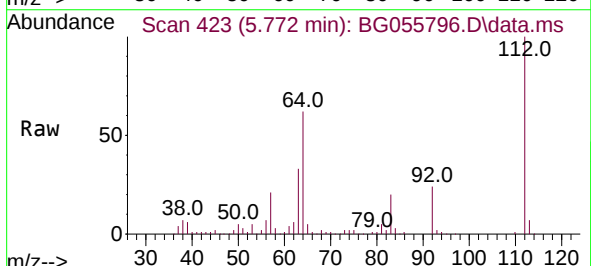
Tgt Ion:152 Resp: 61029
Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.6
115 58.8 47.0 70.4

Manual Integrations
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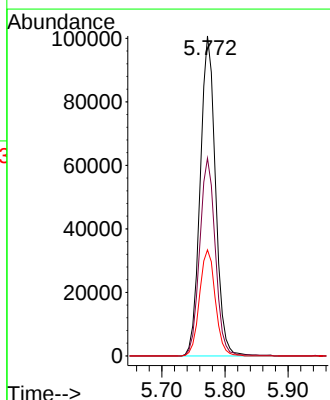
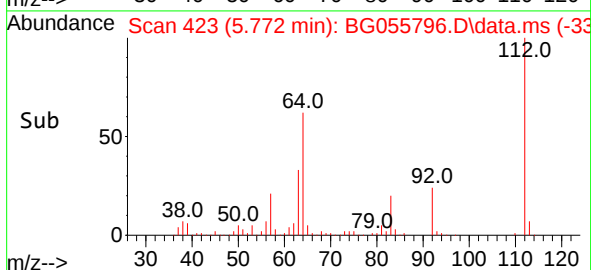
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

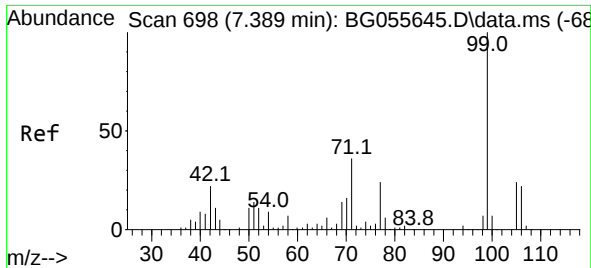


#5
2-Fluorophenol
Concen: 50.152 ng
RT: 5.772 min Scan# 423
Delta R.T. 0.005 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33



Tgt Ion:112 Resp: 169332
Ion Ratio Lower Upper
112 100
64 61.8 50.6 76.0
63 33.1 27.5 41.3





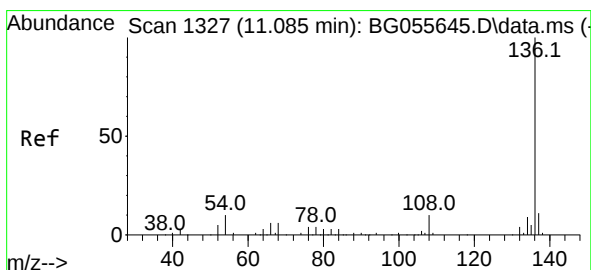
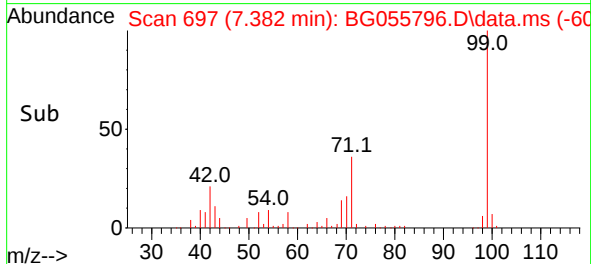
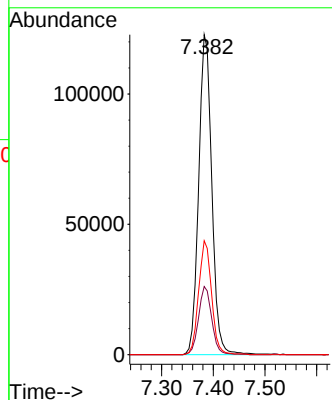
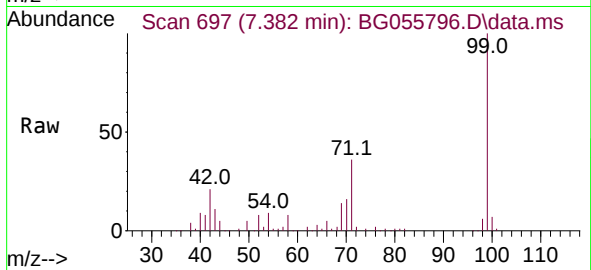
#7
Phenol-d6
Concen: 48.128 ng
RT: 7.382 min Scan# 698
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :
TP-M

Tgt Ion: 99 Resp: 216312
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 35.6 29.0 43.6

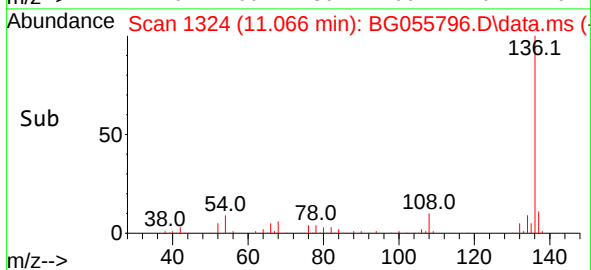
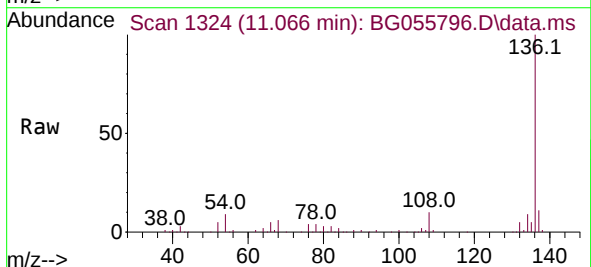
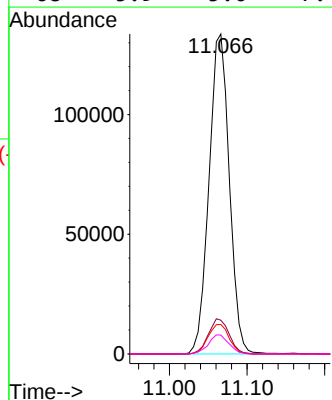
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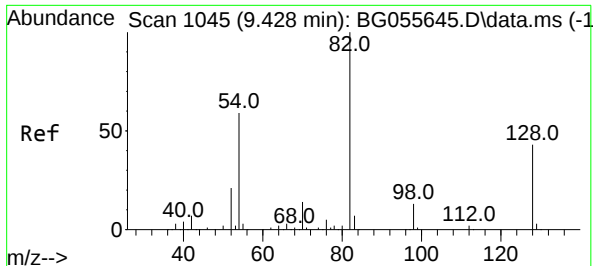
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1324
Delta R.T. -0.001 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Tgt Ion:136 Resp: 242846
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.2 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 29.058 ng

RT: 9.409 min Scan# 1045

Delta R.T. -0.001 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

Instrument :

BNA_G

ClientSampleId :

TP-M

Tgt Ion: 82 Resp: 133508

Ion Ratio Lower Upper

82 100

128 42.5 34.1 51.1

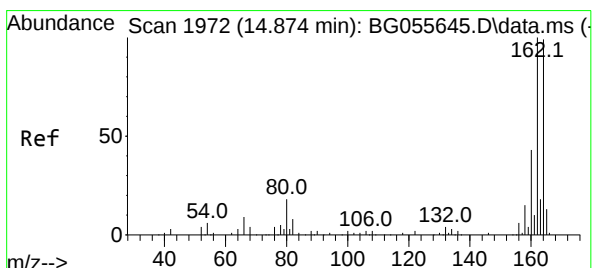
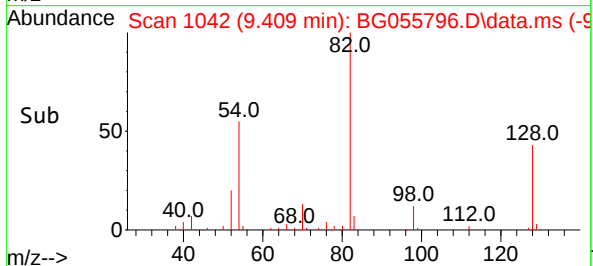
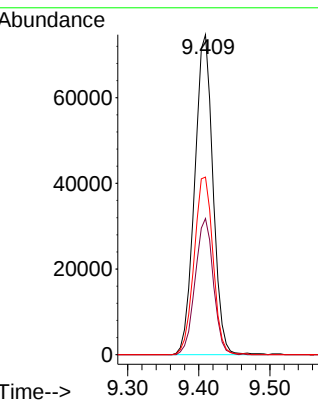
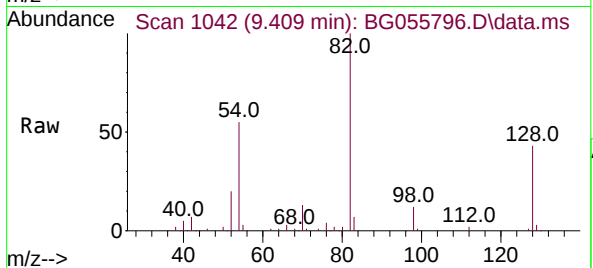
54 55.5 47.3 70.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.007 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

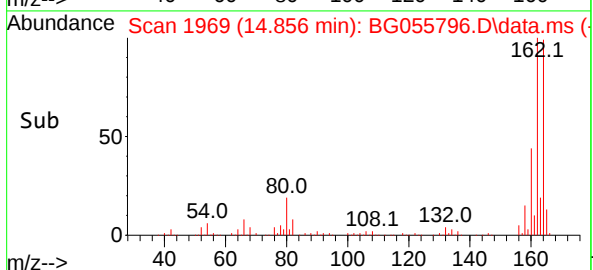
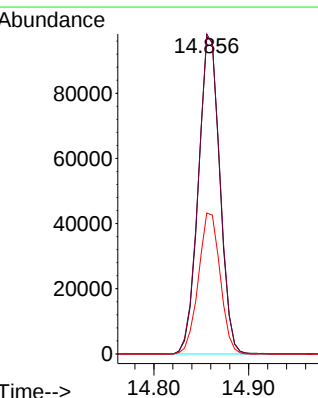
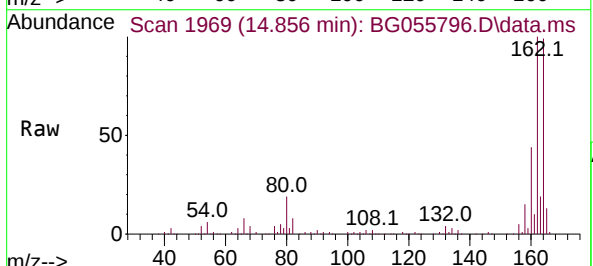
Tgt Ion:164 Resp: 153067

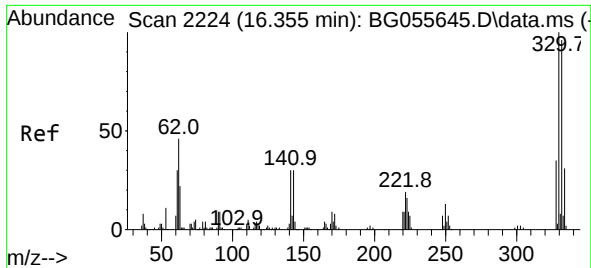
Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

160 44.4 34.8 52.2





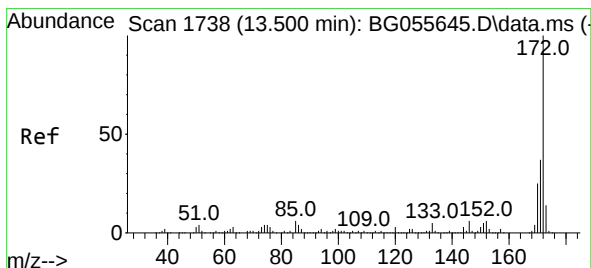
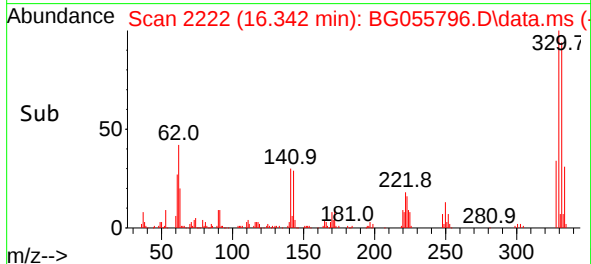
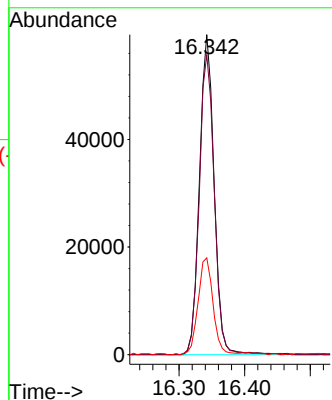
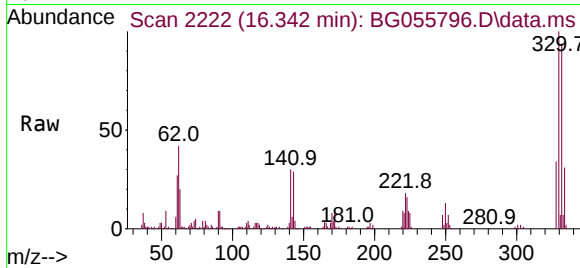
#42
2,4,6-Tribromophenol
Concen: 42.592 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

Instrument :
BNA_G
ClientSampleId :
TP-M

Tgt Ion:330 Resp: 91802
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 30.9 23.9 35.9

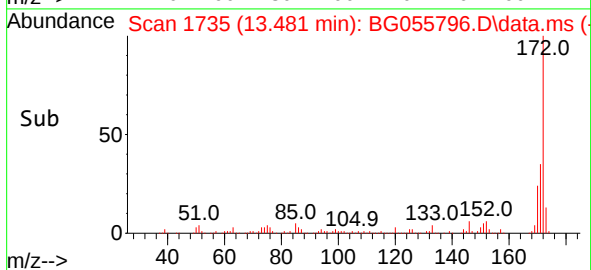
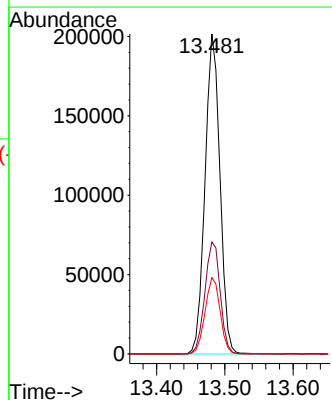
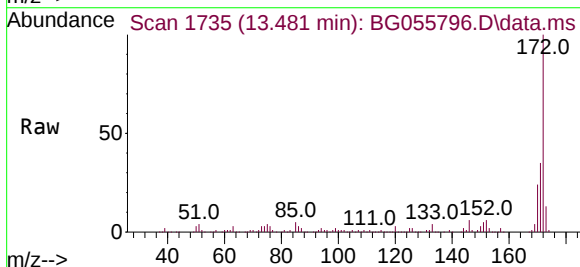
Manual Integrations
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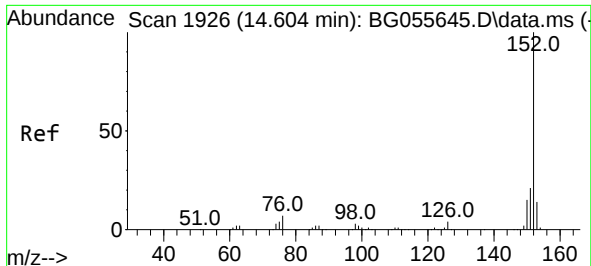
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#45
2-Fluorobiphenyl
Concen: 29.934 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

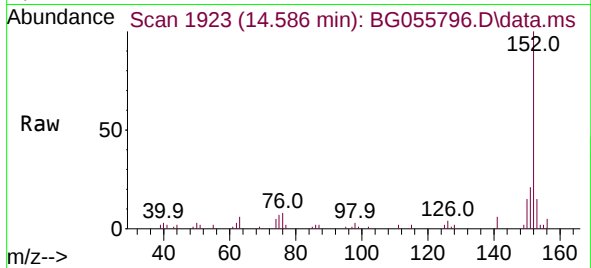
Tgt Ion:172 Resp: 305839
Ion Ratio Lower Upper
172 100
171 35.0 29.8 44.6
170 23.8 20.2 30.4





#49
Acenaphthylene
Concen: 2.171 ng
RT: 14.586 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

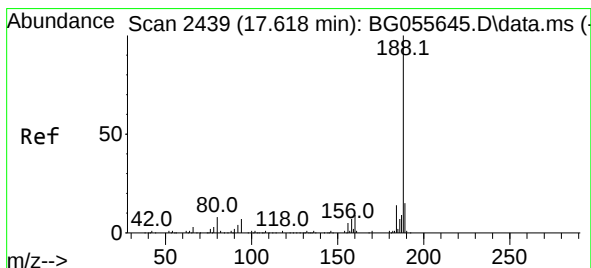
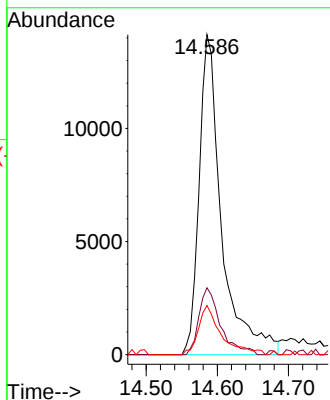
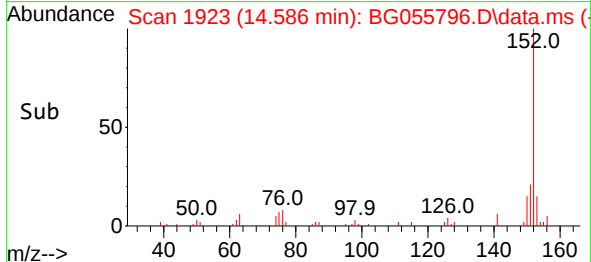
Instrument :
BNA_G
ClientSampleId :
TP-M



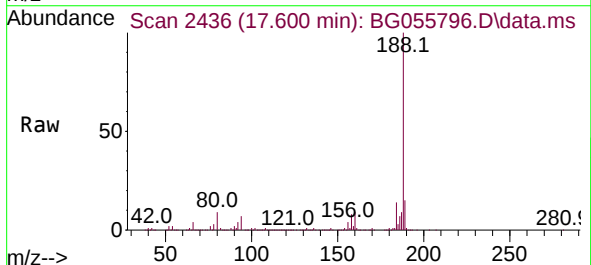
Tgt Ion:152 Resp: 30998
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 15.3 11.0 16.4

Manual Integrations
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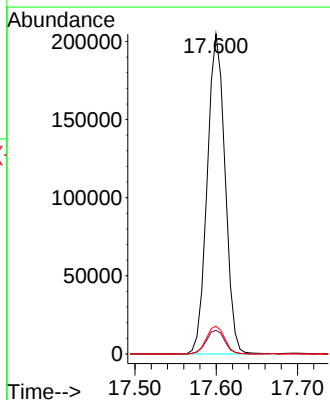
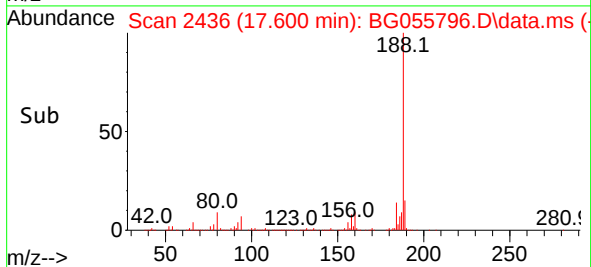
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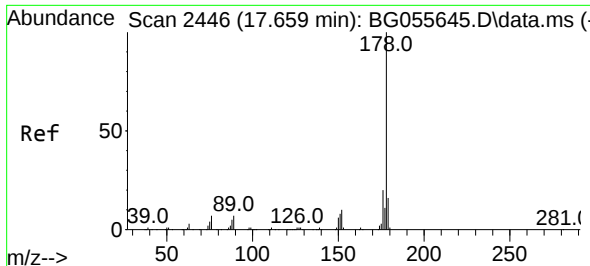


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33



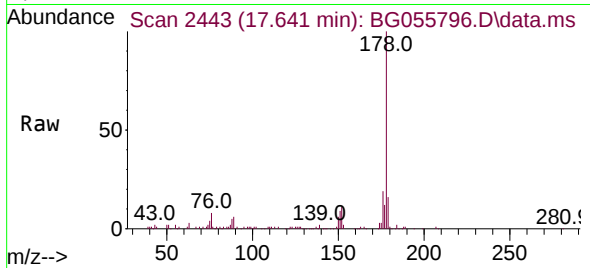
Tgt Ion:188 Resp: 312576
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.6 6.6 10.0





#71
Phenanthrene
Concen: 4.212 ng
RT: 17.641 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

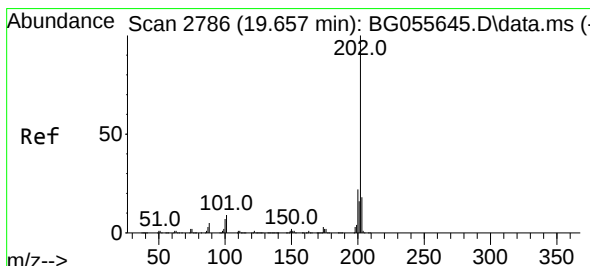
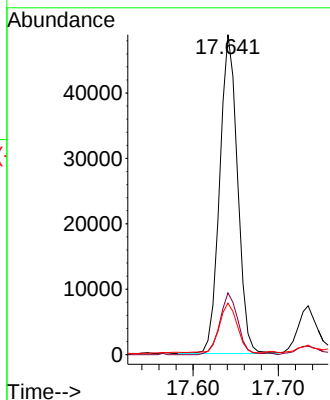
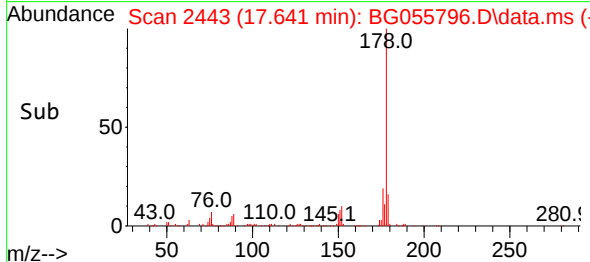
Instrument :
BNA_G
ClientSampleId :
TP-M



Tgt Ion:178 Resp: 71050
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 12.7 19.1

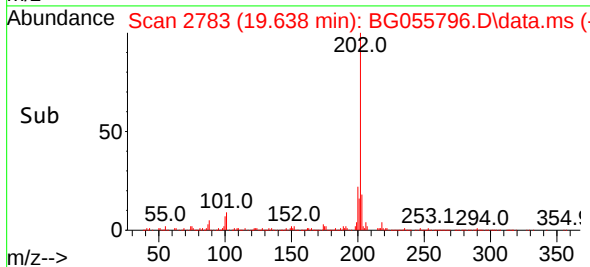
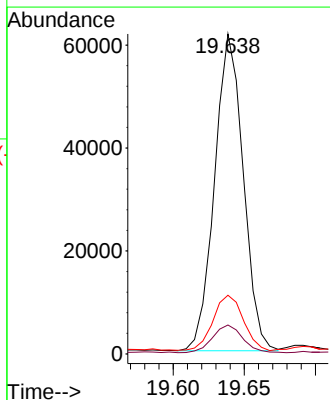
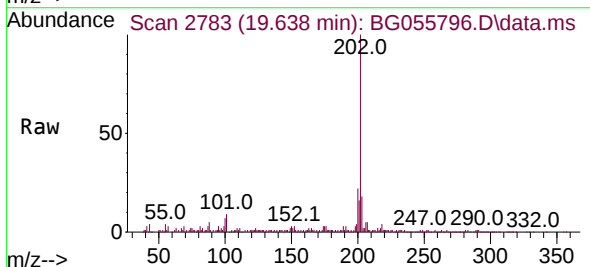
Manual Integrations
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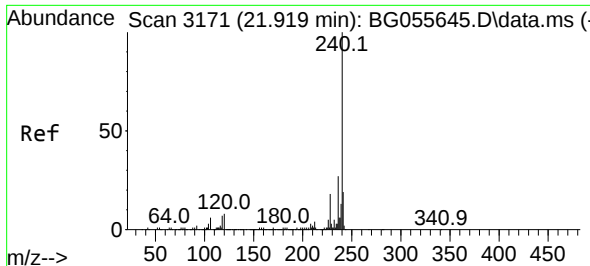
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#75
Fluoranthene
Concen: 4.207 ng
RT: 19.638 min Scan# 2783
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

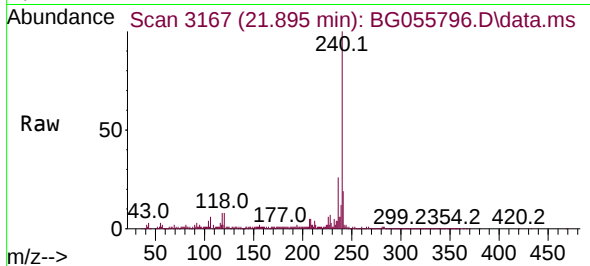
Tgt Ion:202 Resp: 86342
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.3 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33

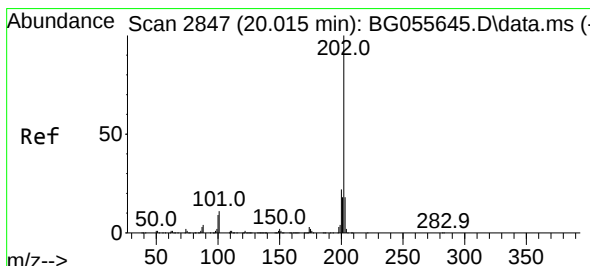
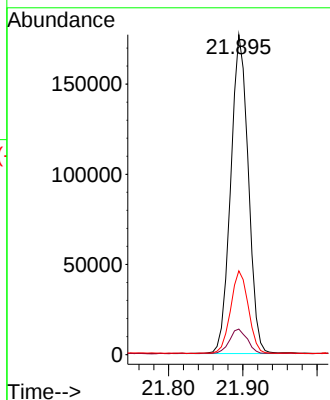
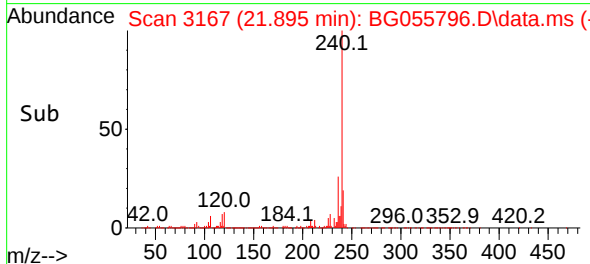
Instrument :
BNA_G
ClientSampleId :
TP-M



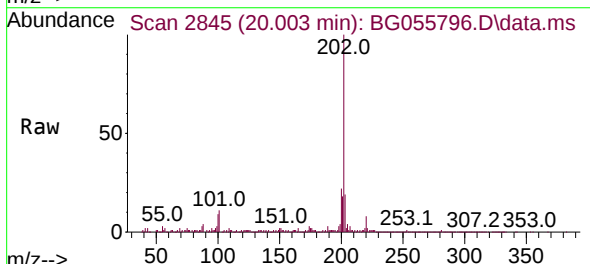
Tgt Ion:240 Resp: 291095
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.2 21.9 32.9

Manual Integrations
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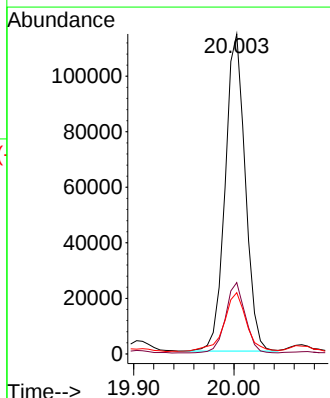
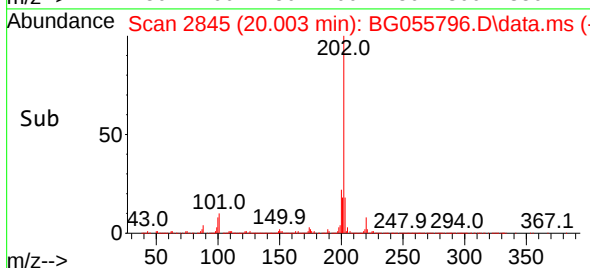
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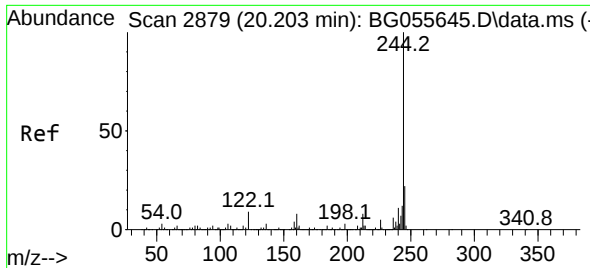


#78
Pyrene
Concen: 8.063 ng
RT: 20.003 min Scan# 2845
Delta R.T. -0.007 min
Lab File: BG055796.D
Acq: 26 Nov 2022 1:33



Tgt Ion:202 Resp: 158863
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 19.1 14.4 21.6





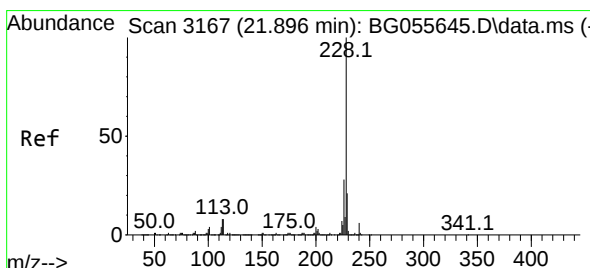
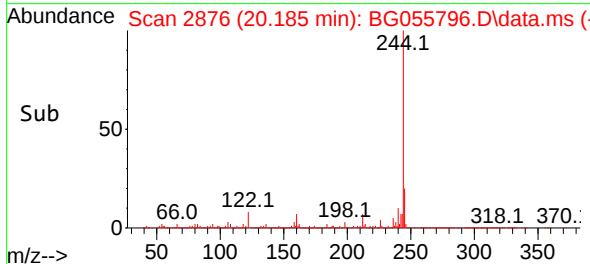
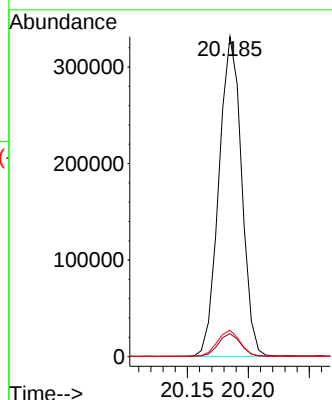
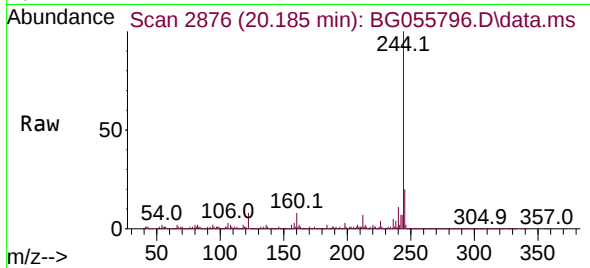
#79
 Terphenyl-d14
 Concen: 29.452 ng
 RT: 20.185 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055796.D
 Acq: 26 Nov 2022 1:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-M

Tgt Ion:244 Resp: 428643
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 8.2 6.9 10.3

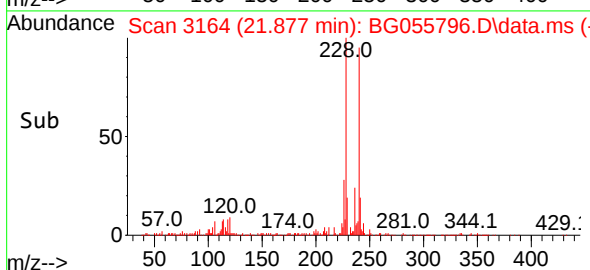
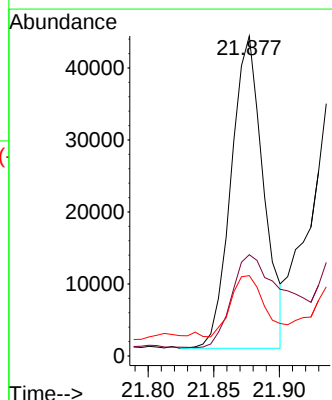
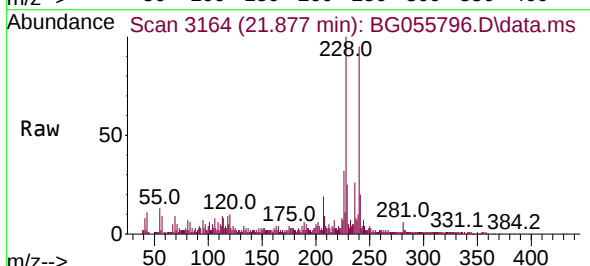
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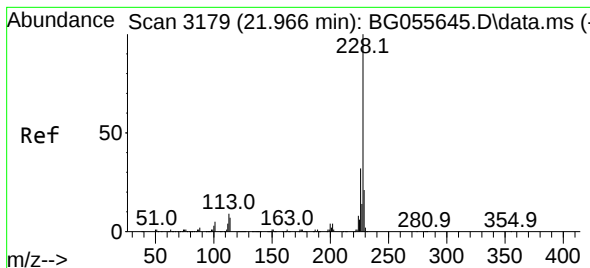
Reviewed By :Christian Giraldo 11/28/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#81
 Benzo(a)anthracene
 Concen: 3.721 ng
 RT: 21.877 min Scan# 3164
 Delta R.T. -0.007 min
 Lab File: BG055796.D
 Acq: 26 Nov 2022 1:33

Tgt Ion:228 Resp: 74609
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.7 34.1
 229 25.1 16.5 24.7#





#83

Chrysene

Concen: 4.578 ng

RT: 21.942 min Scan# 3175

Delta R.T. -0.013 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

Instrument :

BNA_G

ClientSampleId :

TP-M

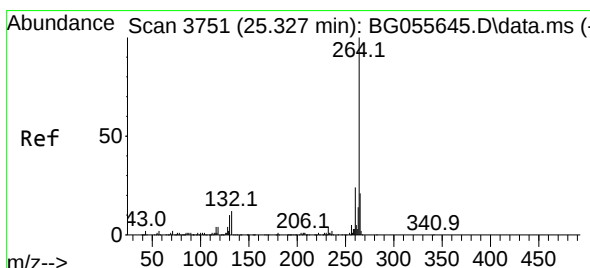
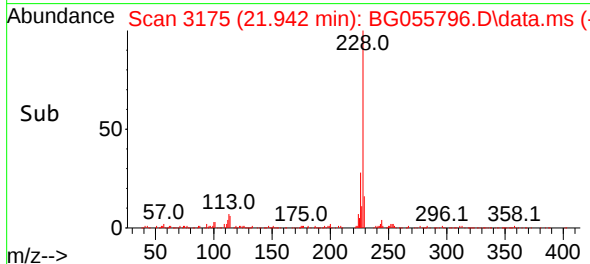
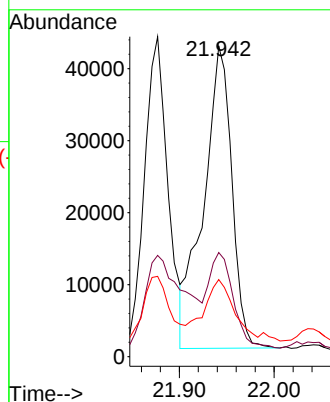
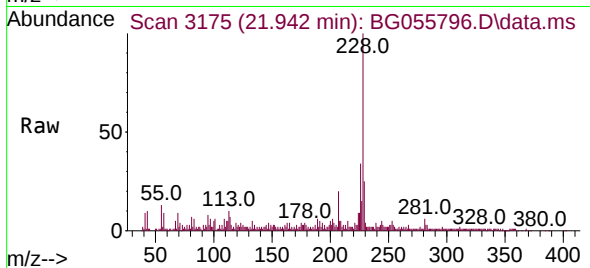
Tgt Ion:	228	Resp:	87386
Ion Ratio	Lower	Upper	
228	100		
226	33.5	25.4	38.2
229	24.8	17.1	25.7

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Supervised By :Jagrut Upadhyay 11/29/2022



#86

Perylene-d12

Concen: 20.000 ng

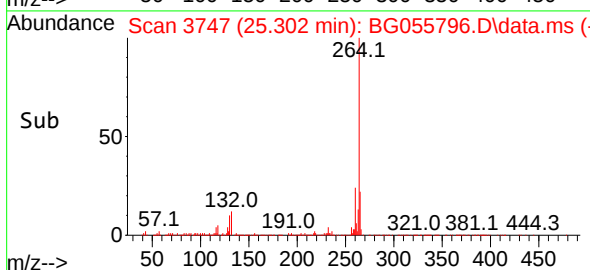
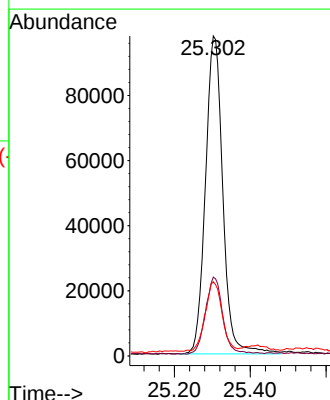
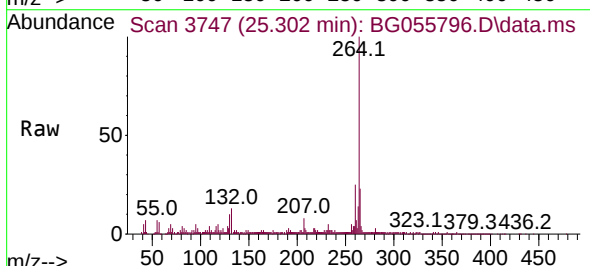
RT: 25.302 min Scan# 3747

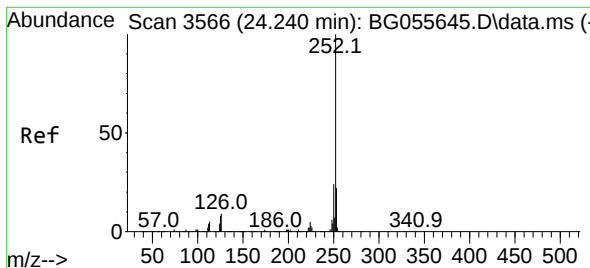
Delta R.T. -0.001 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

Tgt Ion:	264	Resp:	311342
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	23.2	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 4.028 ng m

RT: 24.215 min Scan# 3562

Delta R.T. -0.001 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

Instrument :

BNA_G

ClientSampleId :

TP-M

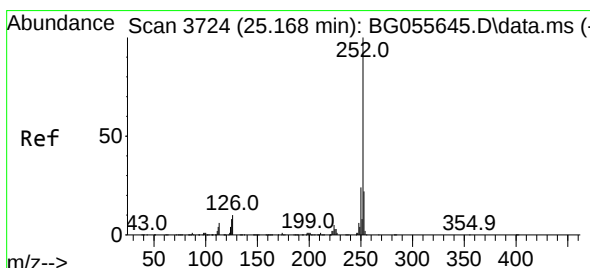
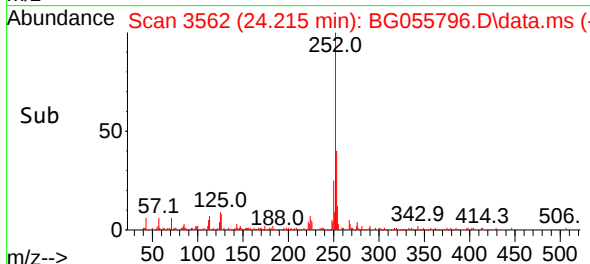
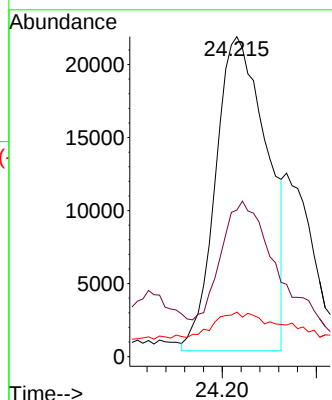
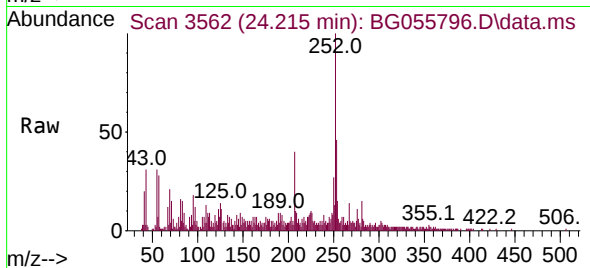
Tgt Ion:252 Resp: 81678
 Ion Ratio Lower Upper
 252 100
 253 45.8 18.0 27.0#
 125 13.9 6.2 9.2#

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Supervised By :Jagrut Upadhyay 11/29/2022



#90

Benzo(a)pyrene

Concen: 4.378 ng

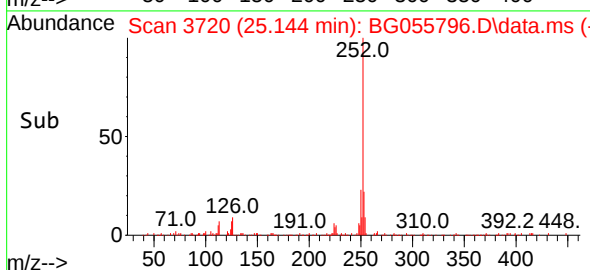
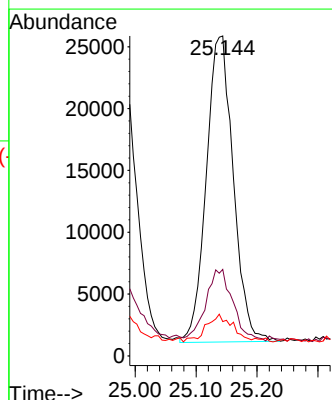
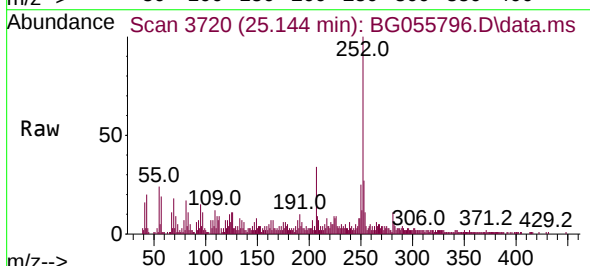
RT: 25.144 min Scan# 3720

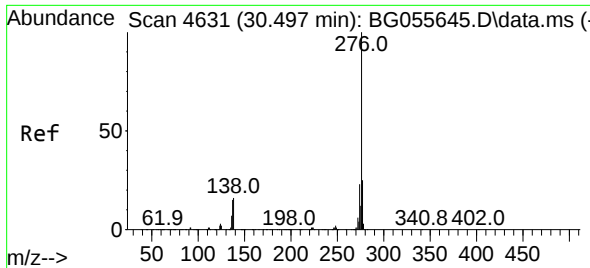
Delta R.T. -0.001 min

Lab File: BG055796.D

Acq: 26 Nov 2022 1:33

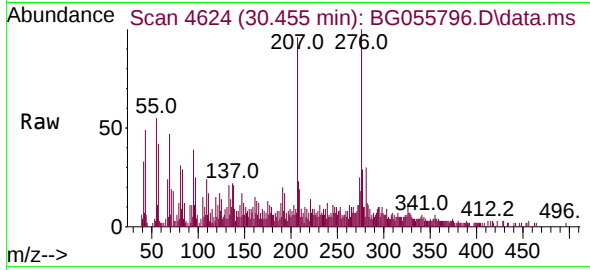
Tgt Ion:252 Resp: 76173
 Ion Ratio Lower Upper
 252 100
 253 27.0 17.8 26.6#
 125 10.7 6.4 9.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.131 ng
 RT: 30.455 min Scan# 4624
 Delta R.T. -0.007 min
 Lab File: BG055796.D
 Acq: 26 Nov 2022 1:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-M



Tgt Ion: 276 Resp: 44756

Ion	Ratio	Lower	Upper
276	100		
277	29.5	19.8	29.6
138	20.9	13.1	19.7

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Reviewed By :Christian Giraldo 11/28/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

