

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055600.D
 Acq On : 12 Nov 2022 22:15
 Operator : CG/JU
 Sample : N5575-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-111022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022

Quant Time: Nov 14 03:32:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	90808	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	370849	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	240416	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	495267	20.000	ng	0.00
76) Chrysene-d12	21.936	240	460430	20.000	ng	0.00
86) Perylene-d12	25.373	264	389022	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	121660	25.519	ng	0.00
7) Phenol-d6	7.406	99	159891	24.279	ng	0.00
23) Nitrobenzene-d5	9.439	82	101136	18.488	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	70332	29.983	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	250442	15.713	ng	0.00
79) Terphenyl-d14	20.215	244	360201	15.713	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.677	178	113499	4.264	ng	98
75) Fluoranthene	19.668	202	173254	5.458	ng	99
78) Pyrene	20.033	202	144740	4.645	ng	96
81) Benzo(a)anthracene	21.913	228	67726	2.147	ng	# 92
83) Chrysene	21.983	228	75934m	2.532	ng	
88) Benzo(b)fluoranthene	24.275	252	74516	3.023	ng	# 68
90) Benzo(a)pyrene	25.203	252	55032	2.592	ng	# 73

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

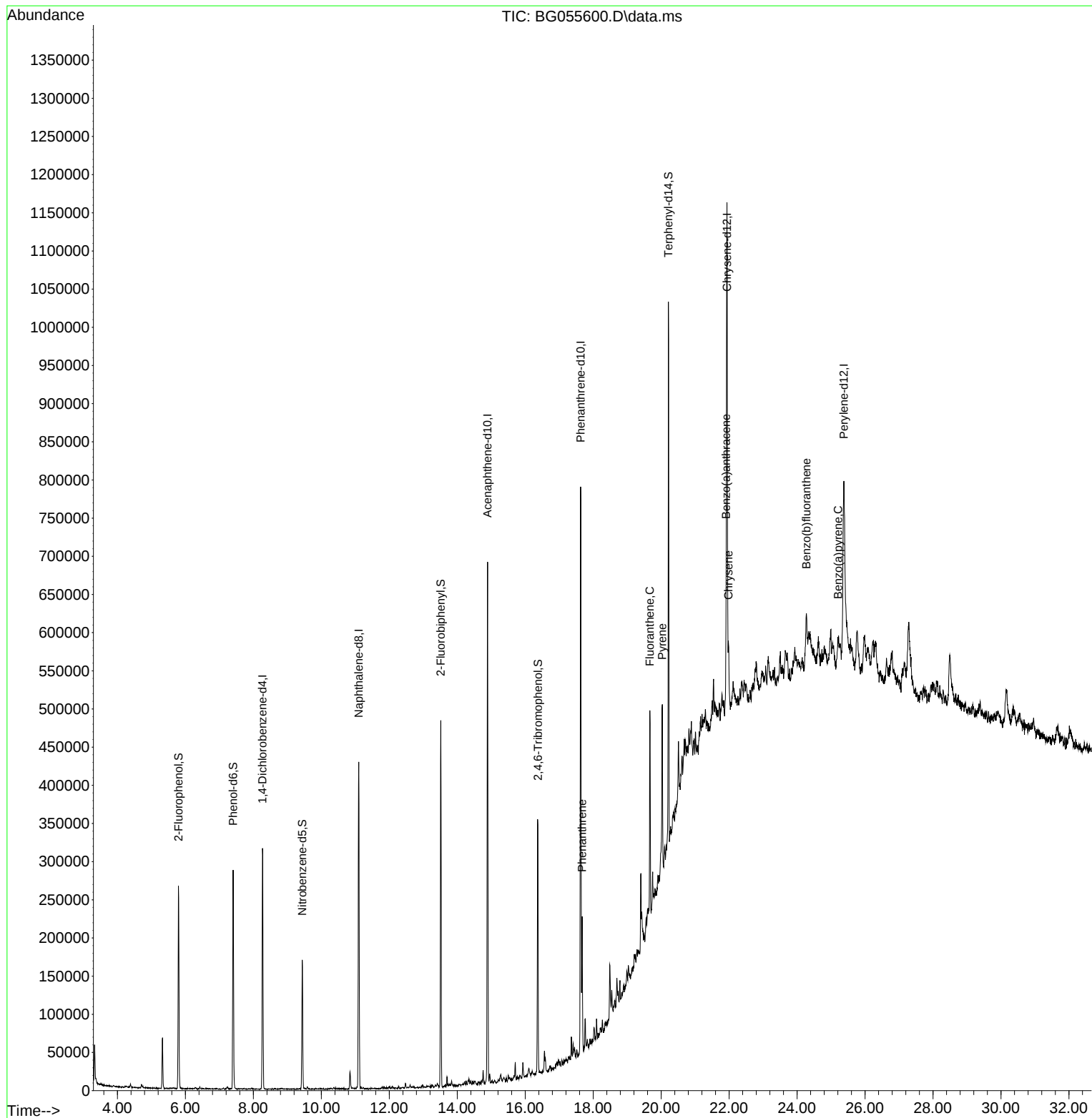
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055600.D
Acq On : 12 Nov 2022 22:15
Operator : CG/JU
Sample : N5575-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

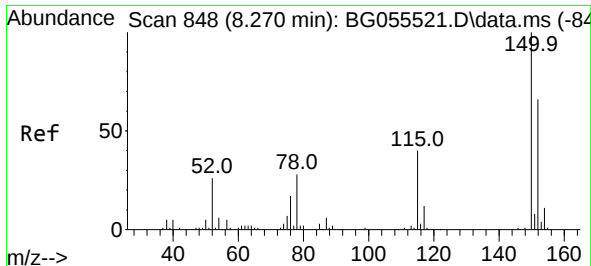
Instrument :
BNA_G
ClientSampleId :
OK-1-111022

Quant Time: Nov 14 03:32:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Manual Integrations
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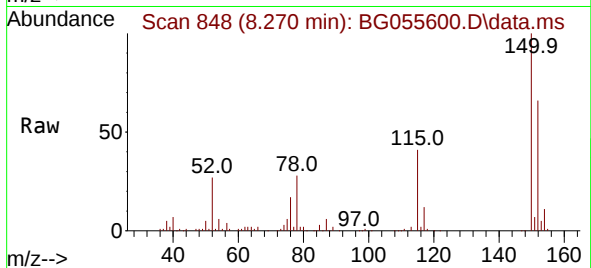
Reviewed By : Christian Giraldo 11/14/2022
Supervised By : Jagrut Upadhyay 11/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

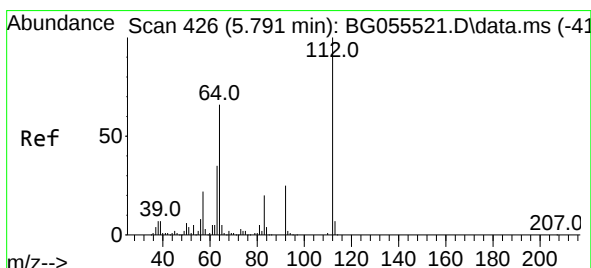
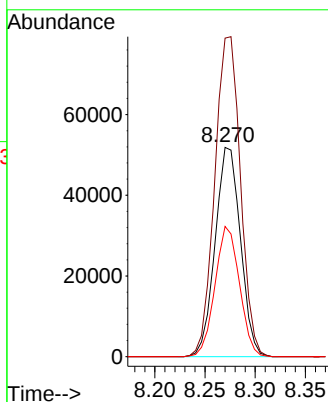
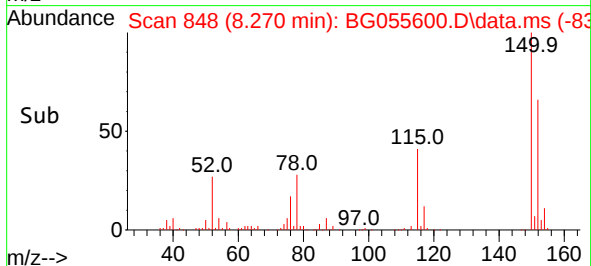
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



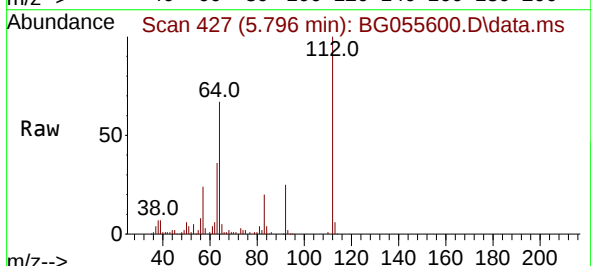
Tgt Ion:152 Resp: 90808
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.4
115 62.2 47.8 71.8

Manual Integrations
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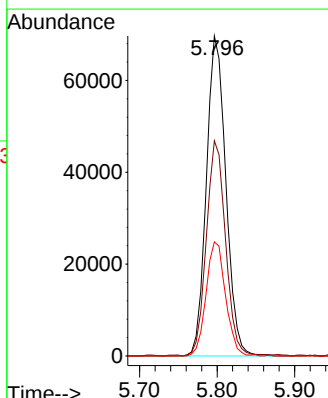
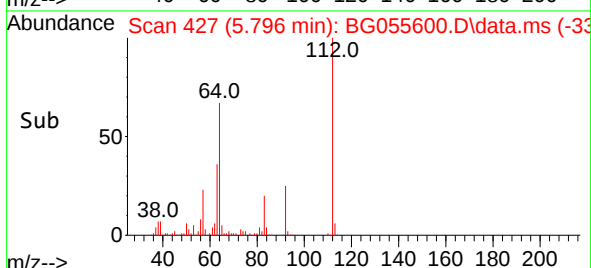
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#5
2-Fluorophenol
Concen: 25.519 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15



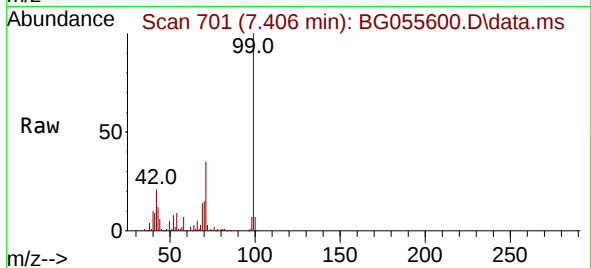
Tgt Ion:112 Resp: 121660
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 35.6 28.3 42.5





#7
Phenol-d6
Concen: 24.279 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

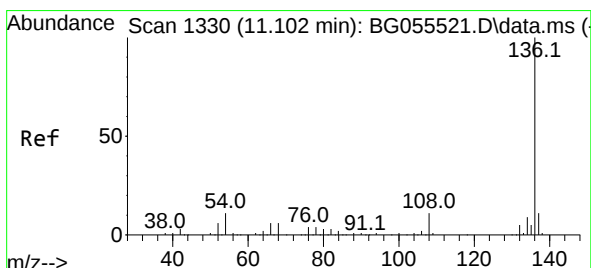
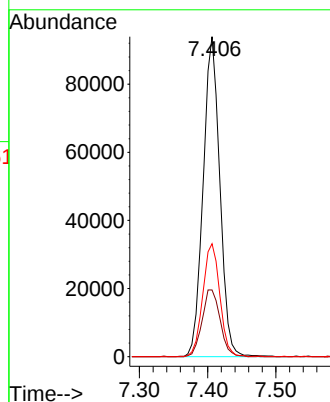
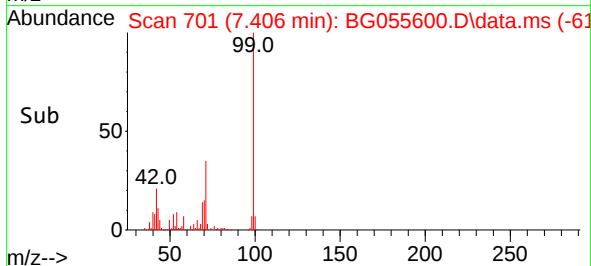
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



Tgt Ion: 99 Resp: 15989
Ion Ratio Lower Upper
99 100
42 20.8 17.5 26.3
71 35.3 28.3 42.5

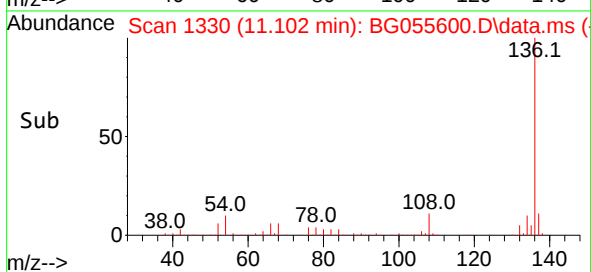
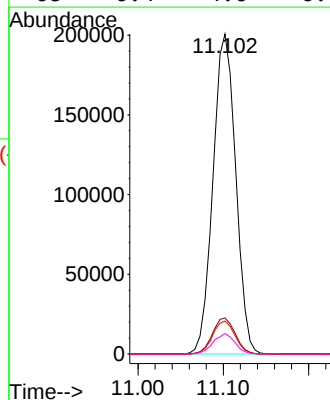
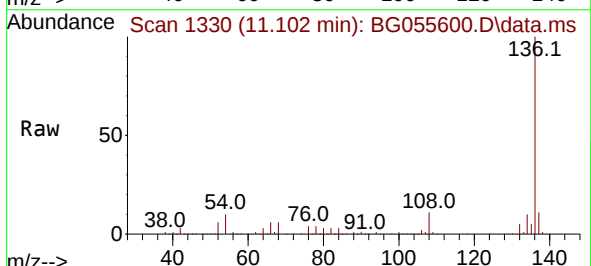
Manual Integrations
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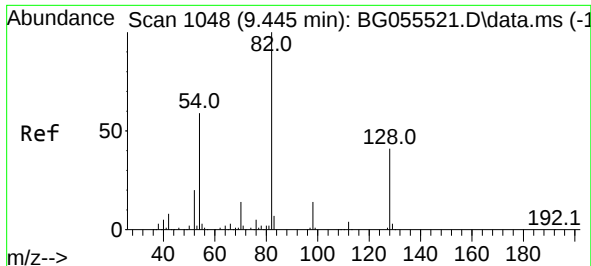
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Tgt Ion:136 Resp: 370849
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.3 8.6 12.8
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 18.488 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

Instrument :

BNA_G

ClientSampleId :

OK-1-111022

Tgt Ion: 82 Resp: 101130

Ion Ratio Lower Upper

82 100

128 39.1 32.6 49.0

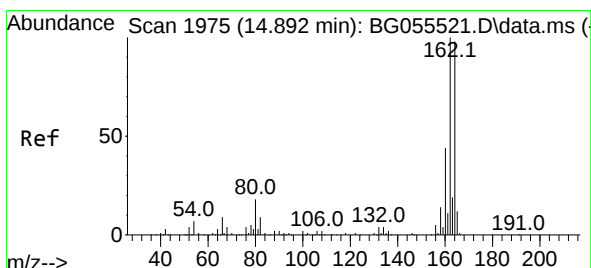
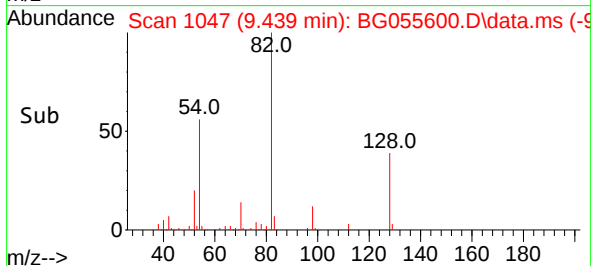
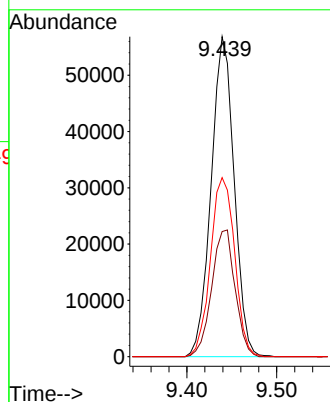
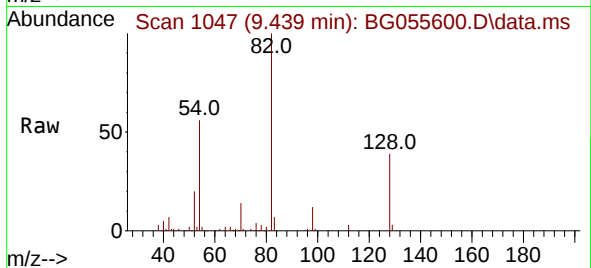
54 55.9 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.892 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BG055600.D

Acq: 12 Nov 2022 22:15

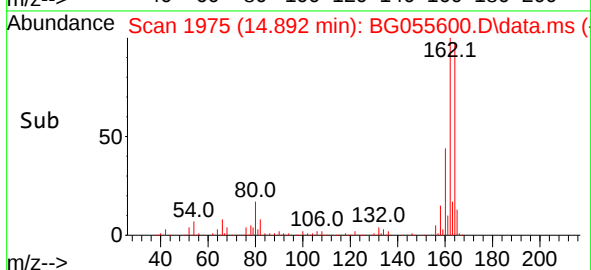
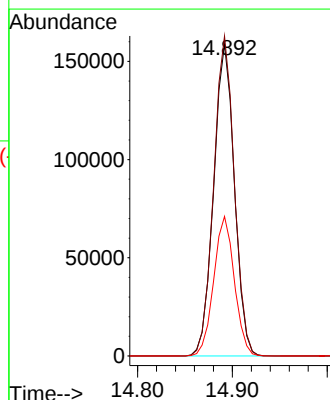
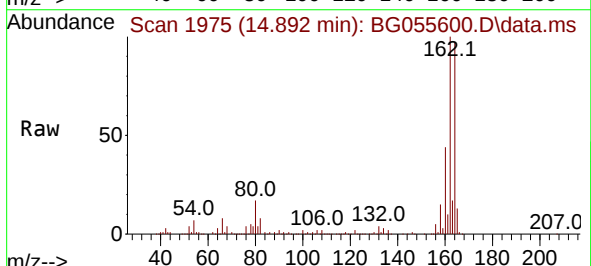
Tgt Ion:164 Resp: 240416

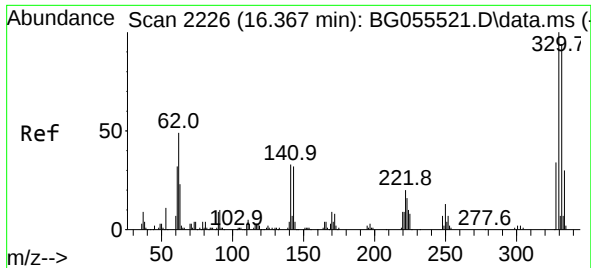
Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 44.8 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 29.983 ng
RT: 16.372 min Scan# 211
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Instrument :

BNA_G

ClientSampleId :

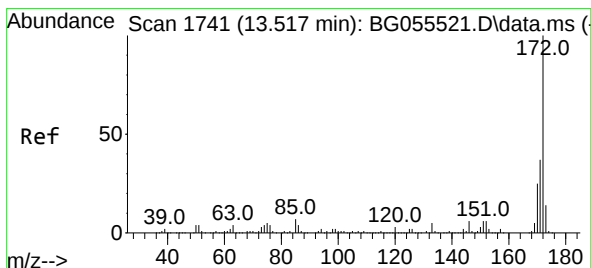
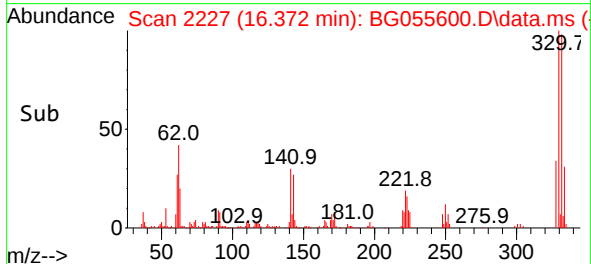
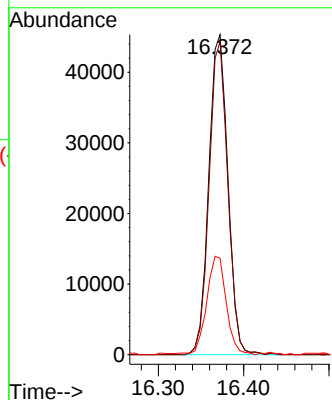
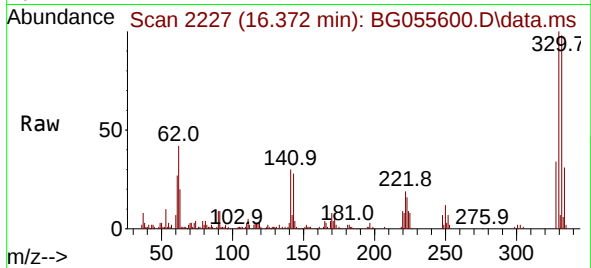
OK-1-111022

Tgt Ion:330 Resp: 70332
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 31.7 25.4 38.2

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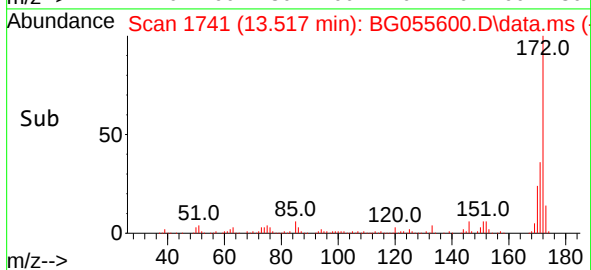
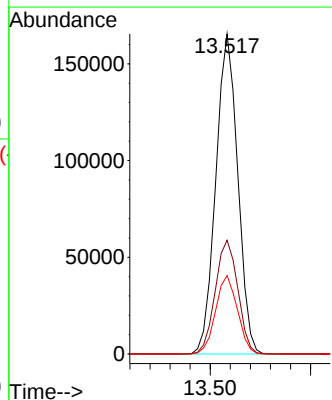
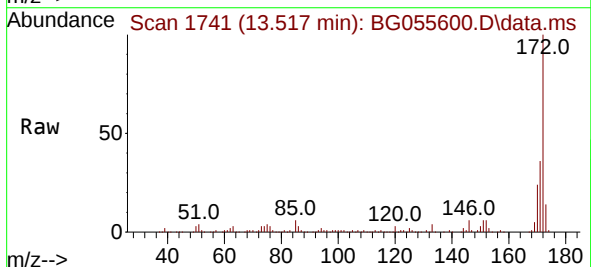
APPROVED

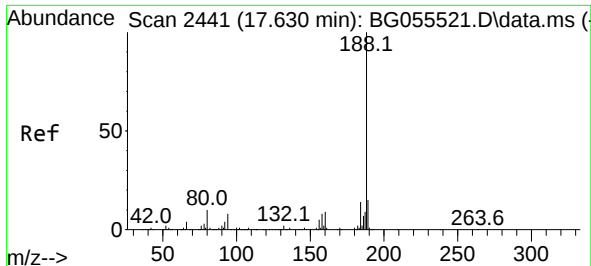
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#45
2-Fluorobiphenyl
Concen: 15.713 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

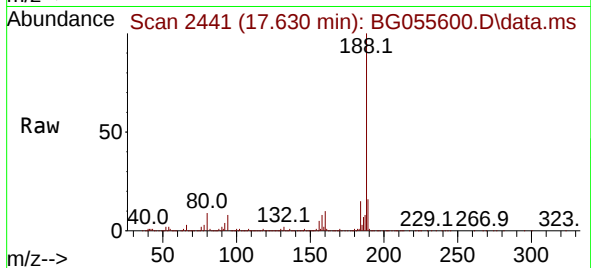
Tgt Ion:172 Resp: 250442
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.5 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

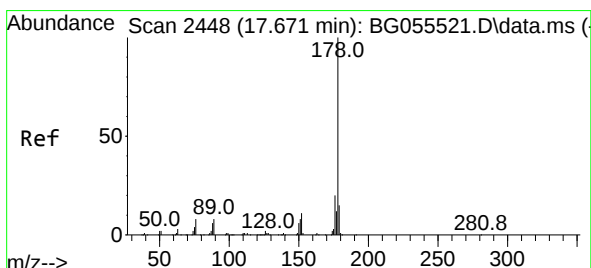
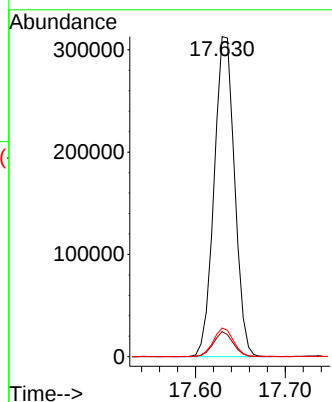
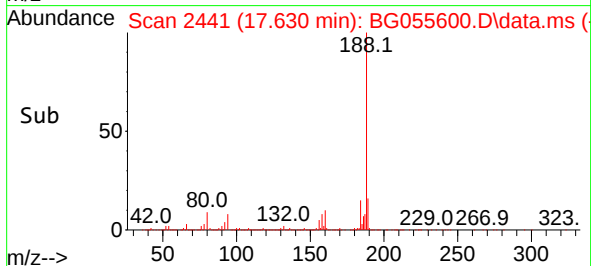
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



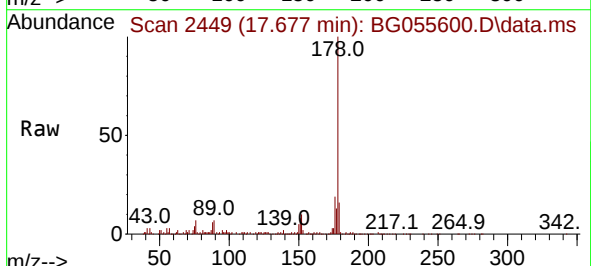
Tgt Ion:188 Resp: 49526
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.9 7.6 11.4

Manual Integrations
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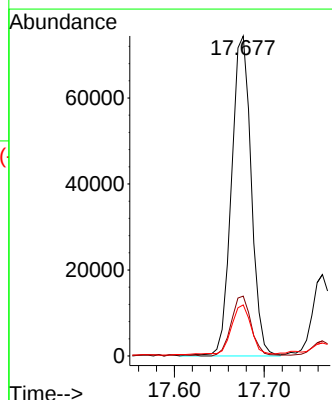
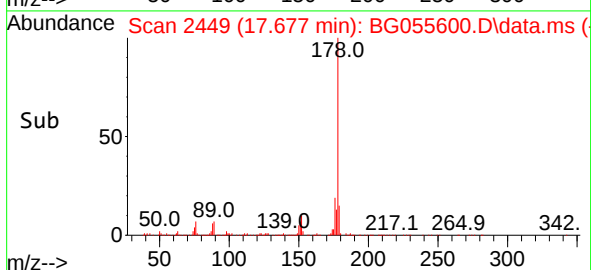
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

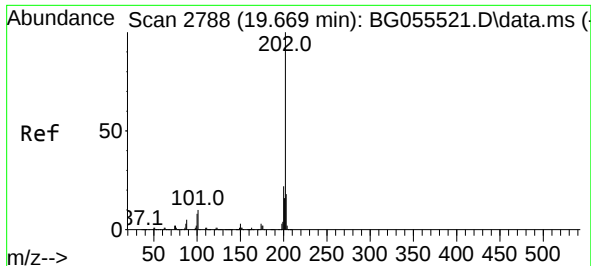


#71
Phenanthrene
Concen: 4.264 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15



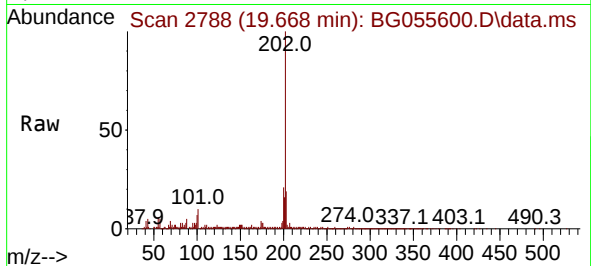
Tgt Ion:178 Resp: 113499
Ion Ratio Lower Upper
178 100
176 18.7 16.1 24.1
179 15.9 12.2 18.4





#75
Fluoranthene
Concen: 5.458 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

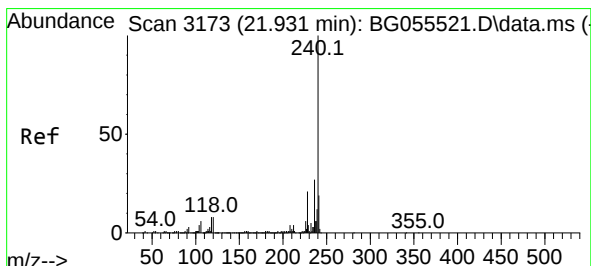
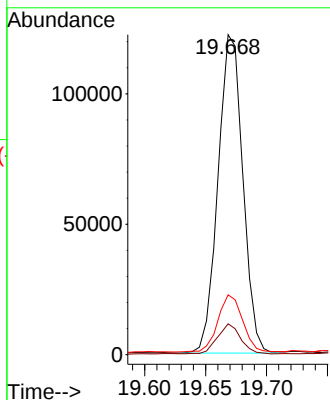
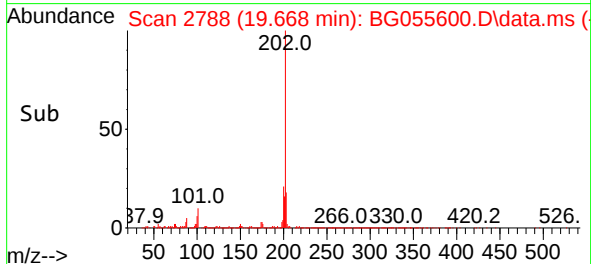
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



Tgt Ion:202 Resp: 173254
Ion Ratio Lower Upper
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101 9.6 0.0 29.8
203 18.7 0.0 38.2

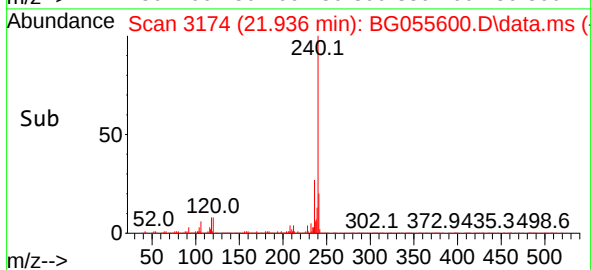
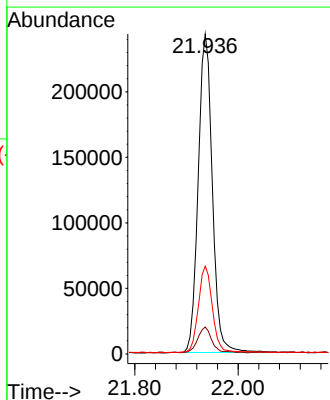
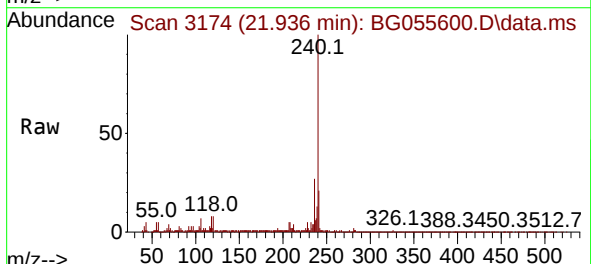
Manual Integrations
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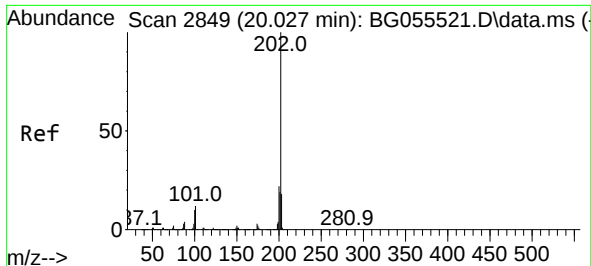
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

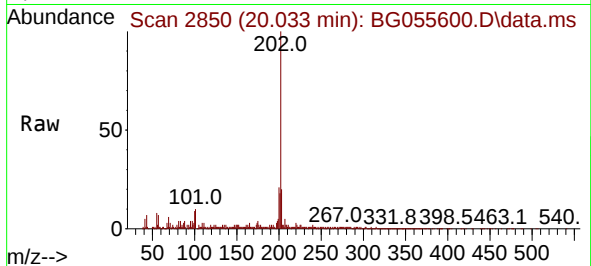
Tgt Ion:240 Resp: 460430
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 27.5 21.4 32.0





#78
Pyrene
Concen: 4.645 ng
RT: 20.033 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

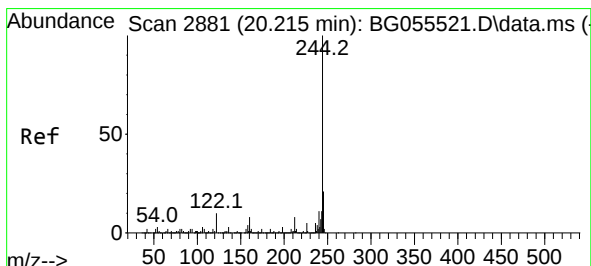
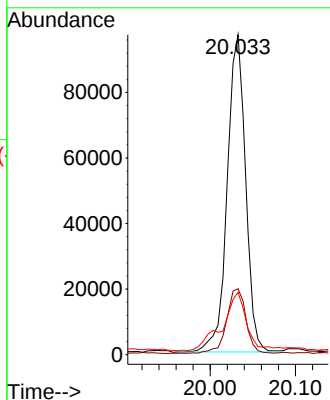
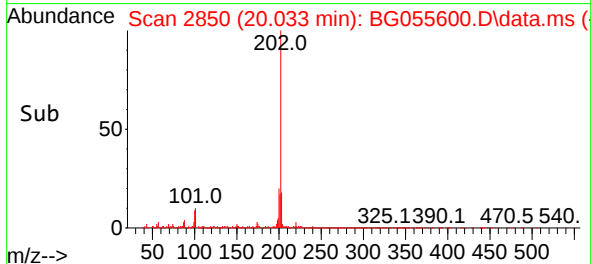
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



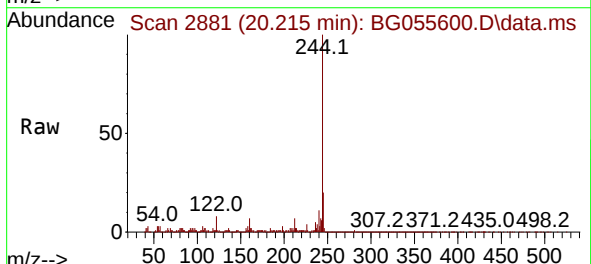
Tgt Ion:202 Resp: 144740
Ion Ratio Lower Upper
202 100
200 20.6 18.0 27.0
203 19.5 14.2 21.2

Manual Integrations
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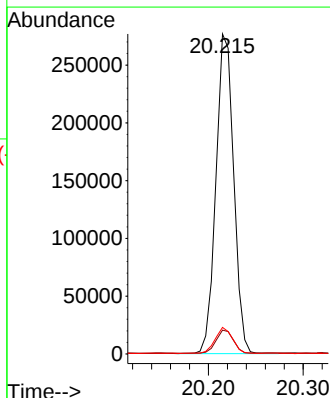
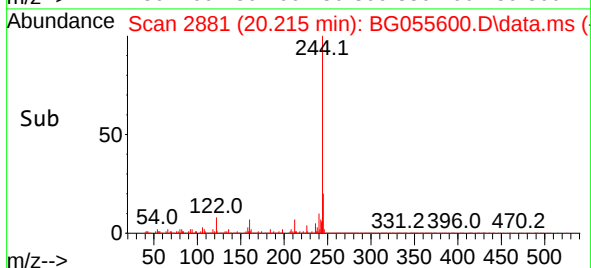
Reviewed By :Christian Giraldo 11/14/2022
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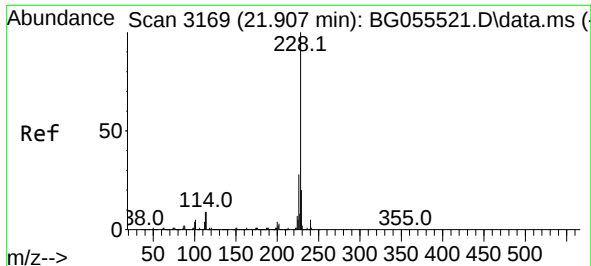


#79
Terphenyl-d14
Concen: 15.713 ng
RT: 20.215 min Scan# 2881
Delta R.T. -0.000 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15



Tgt Ion:244 Resp: 360201
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.3 7.7 11.5





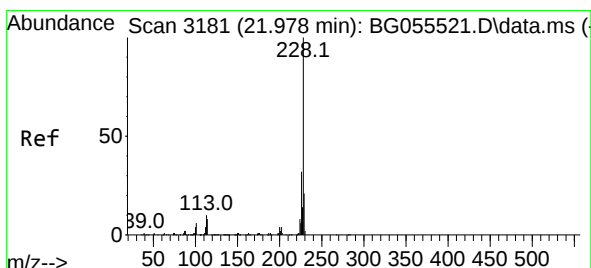
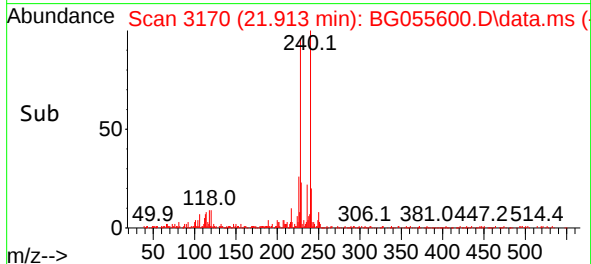
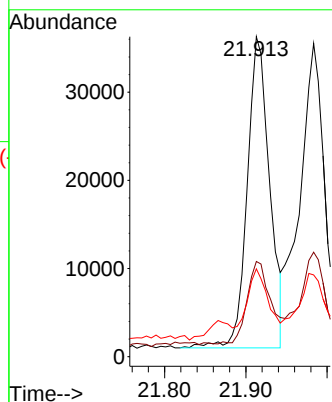
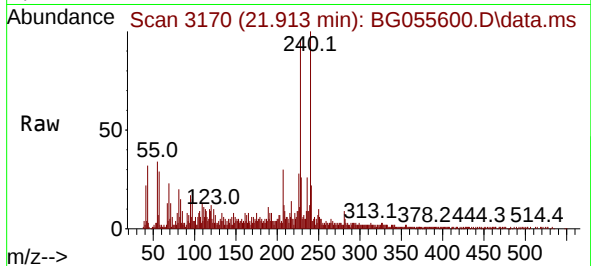
#81
Benzo(a)anthracene
Concen: 2.147 ng
RT: 21.913 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Instrument :
BNA_G
ClientSampleId :
OK-1-111022

Tgt Ion:228 Resp: 67720
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 27.4 16.1 24.1

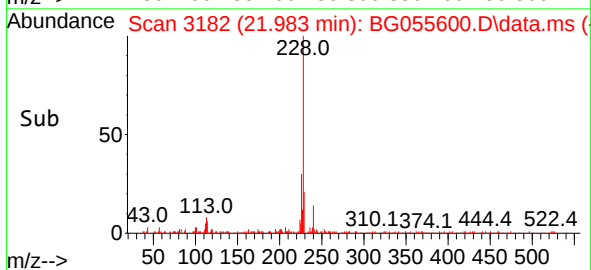
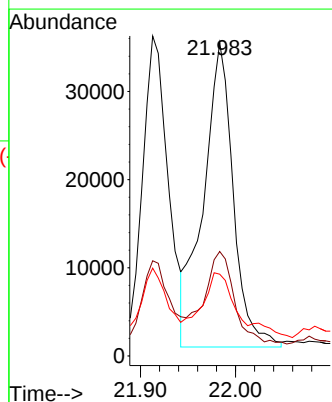
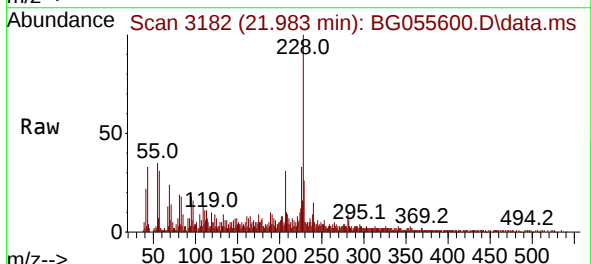
Manual Integrations
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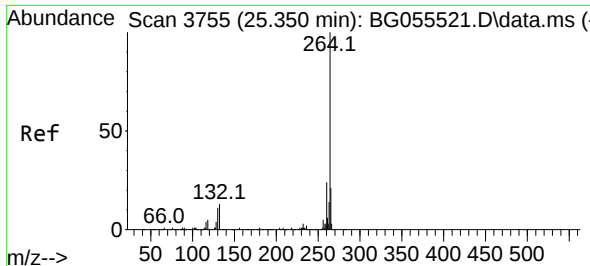
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#83
Chrysene
Concen: 2.532 ng m
RT: 21.983 min Scan# 3182
Delta R.T. 0.005 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

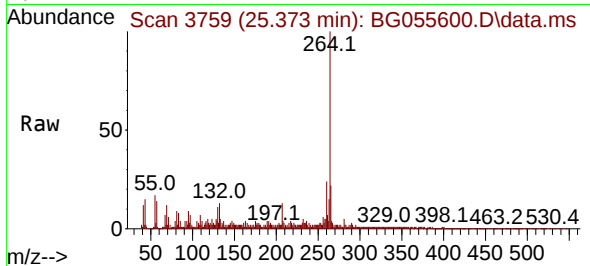
Tgt Ion:228 Resp: 75934
Ion Ratio Lower Upper
228 100
226 33.4 25.7 38.5
229 26.1 16.6 25.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.373 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

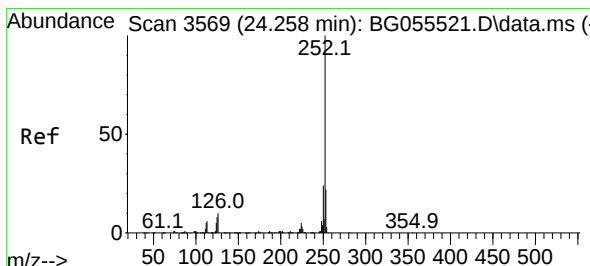
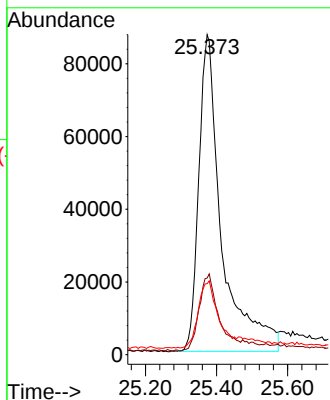
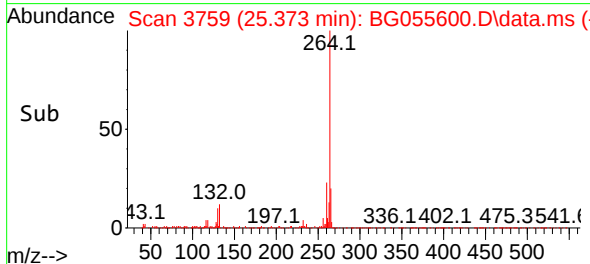
Instrument :
BNA_G
ClientSampleId :
OK-1-111022



Tgt Ion:264 Resp: 38902
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.2 17.1 25.7

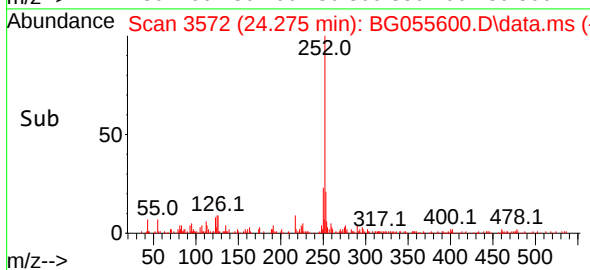
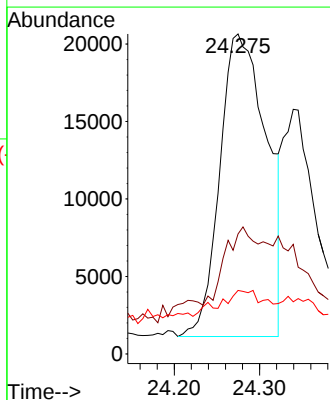
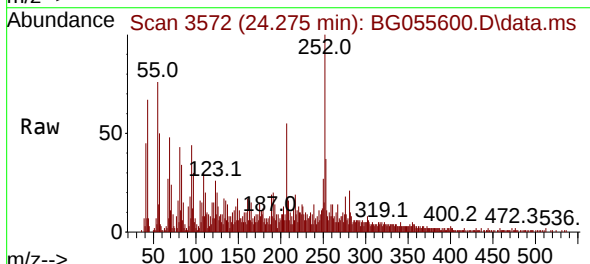
Manual Integrations
APPROVED

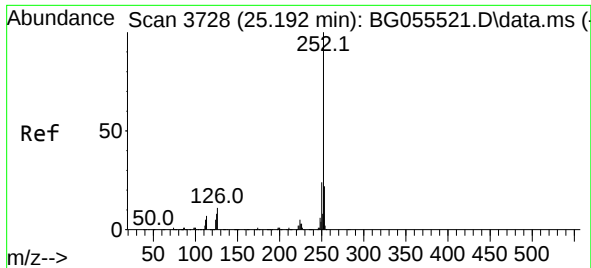
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#88
Benzo(b)fluoranthene
Concen: 3.023 ng
RT: 24.275 min Scan# 3572
Delta R.T. 0.017 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

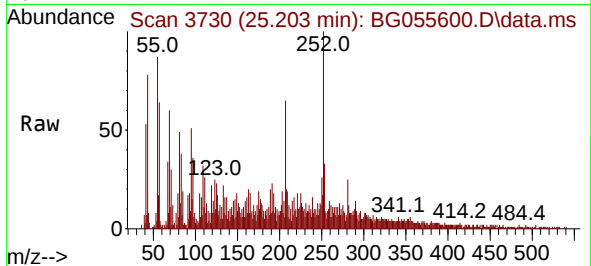
Tgt Ion:252 Resp: 74516
Ion Ratio Lower Upper
252 100
253 37.5 17.9 26.9#
125 19.9 6.7 10.1#





#90
Benzo(a)pyrene
Concen: 2.592 ng
RT: 25.203 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG055600.D
Acq: 12 Nov 2022 22:15

Instrument :
BNA_G
ClientSampleId :
OK-1-111022



Tgt Ion:252 Resp: 5503
Ion Ratio Lower Upper
252 100
253 33.1 17.8 26.6
125 22.5 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

