

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054964.D
 Acq On : 15 Sep 2022 20:21
 Operator : CG/JU
 Sample : N4569-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-6-(5-10)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 05:32:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	43407	20.000	ng	0.00
21) Naphthalene-d8	10.957	136	176053	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	114881	20.000	ng	0.00
64) Phenanthrene-d10	17.514	188	236892	20.000	ng	0.00
76) Chrysene-d12	21.809	240	224756	20.000	ng	0.00
86) Perylene-d12	25.194	264	241682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	235776	94.586	ng	0.00
7) Phenol-d6	7.291	99	314471	92.248	ng	0.00
23) Nitrobenzene-d5	9.306	82	187771	55.991	ng	0.00
42) 2,4,6-Tribromophenol	16.257	330	130140	90.658	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	476713	62.369	ng	0.00
79) Terphenyl-d14	20.117	244	674176	59.434	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.561	178	231283	18.328	ng	98
72) Anthracene	17.650	178	57936	4.722	ng	99
75) Fluoranthene	19.571	202	327900	21.359	ng	97
78) Pyrene	19.929	202	292293	18.651	ng	99
81) Benzo(a)anthracene	21.792	228	172301	11.307	ng	99
83) Chrysene	21.856	228	148668	10.203	ng	97
87) Indeno(1,2,3-cd)pyrene	29.089	276	73715	4.018	ng	# 93
88) Benzo(b)fluoranthene	24.113	252	195970	12.926	ng	95
89) Benzo(k)fluoranthene	24.171	252	76855m	5.037	ng	
90) Benzo(a)pyrene	25.029	252	149872	11.571	ng	99
92) Benzo(g,h,i)perylene	30.311	276	66100	4.377	ng	94

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

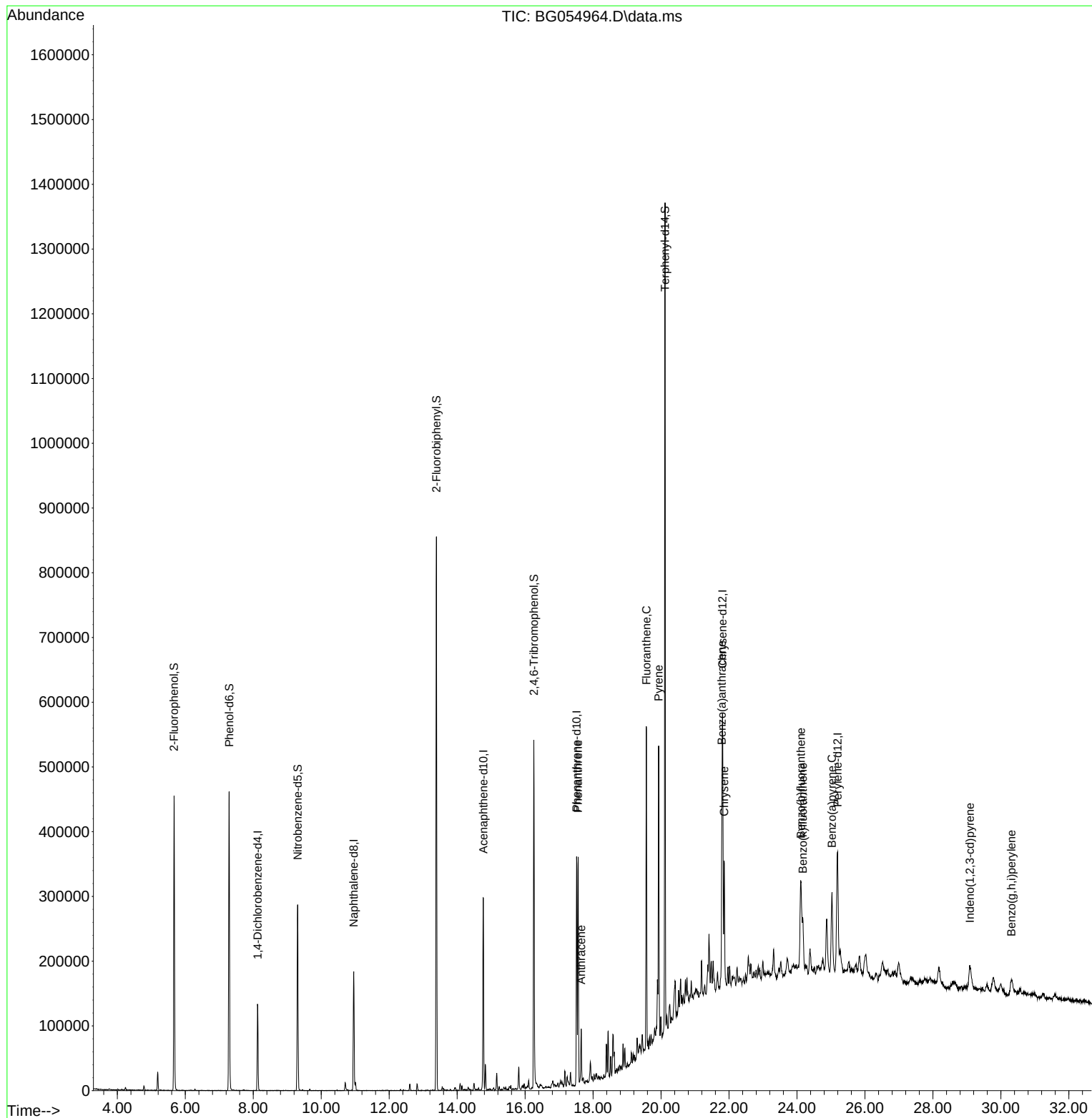
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054964.D
Acq On : 15 Sep 2022 20:21
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

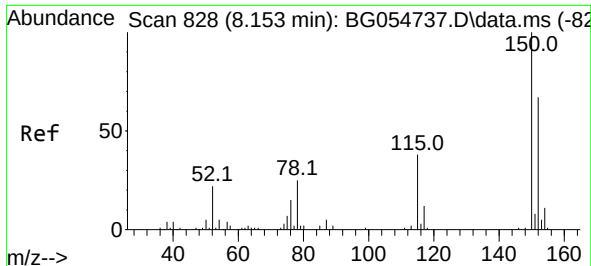
Instrument :
BNA_G
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SASP2-T-6-(5-10)

Quant Time: Sep 16 05:32:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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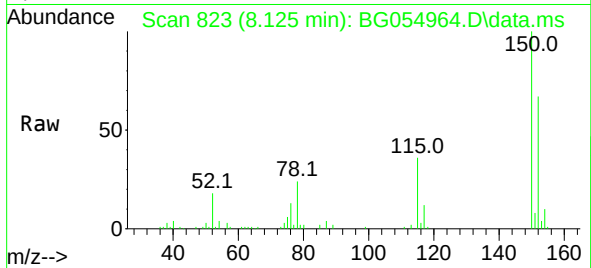
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

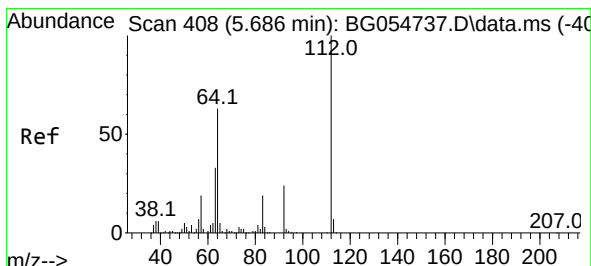
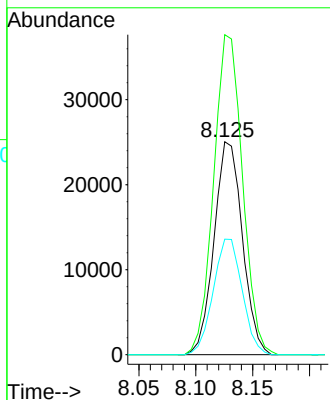
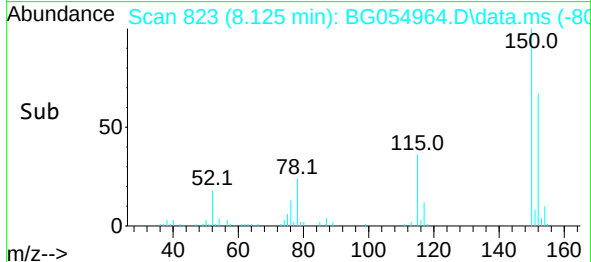
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



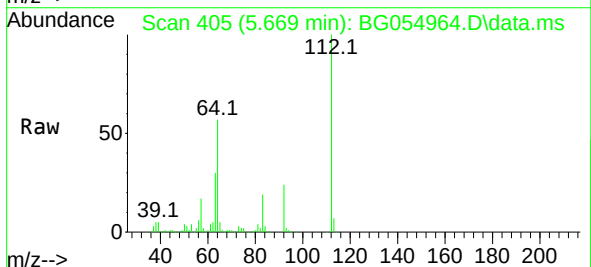
Tgt Ion:152 Resp: 4340
Ion Ratio Lower Upper
152 100
150 150.3 125.2 187.8
115 54.2 47.9 71.9

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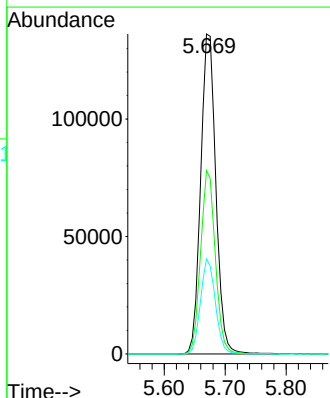
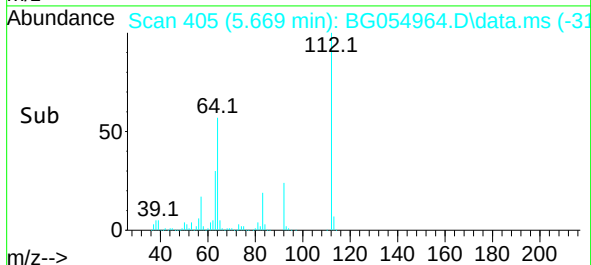
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

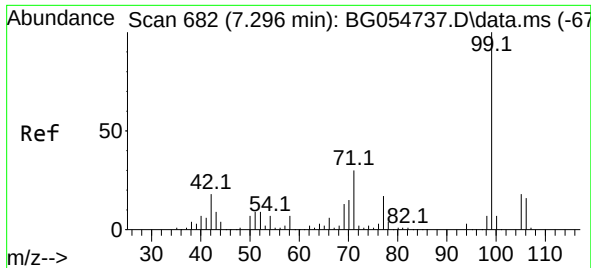


#5
2-Fluorophenol
Concen: 94.586 ng
RT: 5.669 min Scan# 405
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



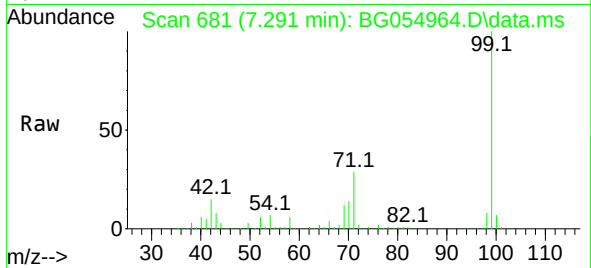
Tgt Ion:112 Resp: 235776
Ion Ratio Lower Upper
112 100
64 57.4 49.3 73.9
63 29.7 26.3 39.5





#7
Phenol-d6
Concen: 92.248 ng
RT: 7.291 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

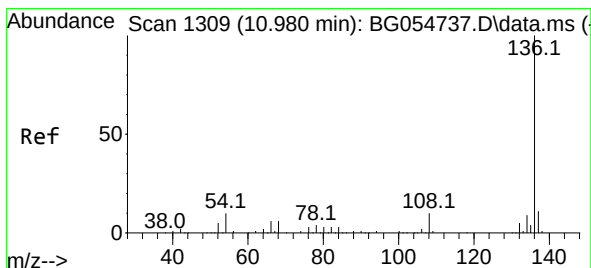
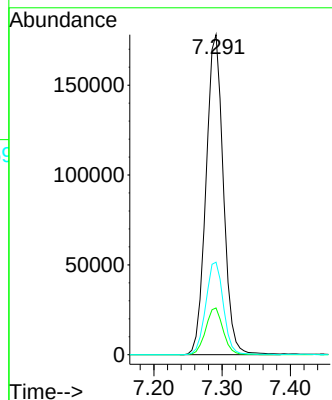
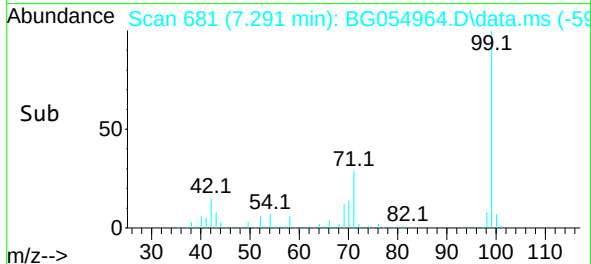
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



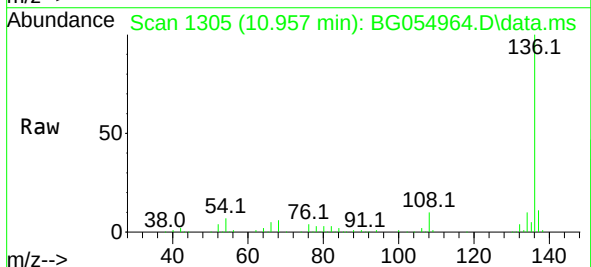
Tgt Ion: 99 Resp: 31447
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0
71 28.9 24.6 37.0

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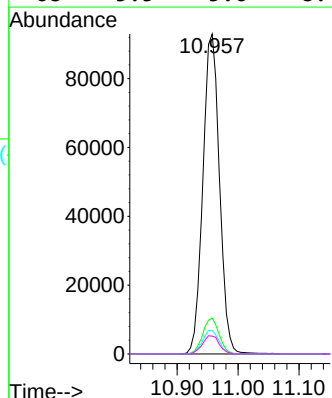
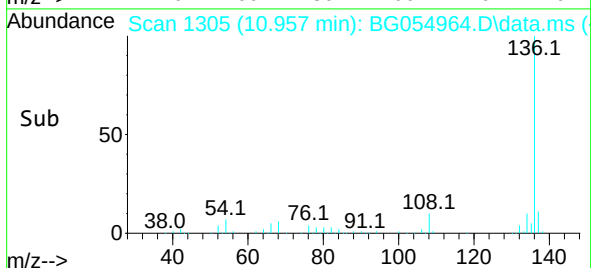
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

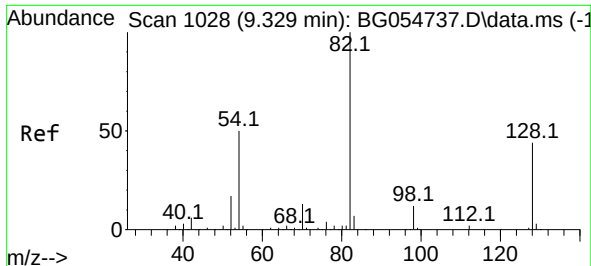


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



Tgt Ion:136 Resp: 176053
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.4 7.7 11.5#
68 5.5 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 55.991 ng

RT: 9.306 min Scan# 1024

Delta R.T. -0.004 min

Lab File: BG054964.D

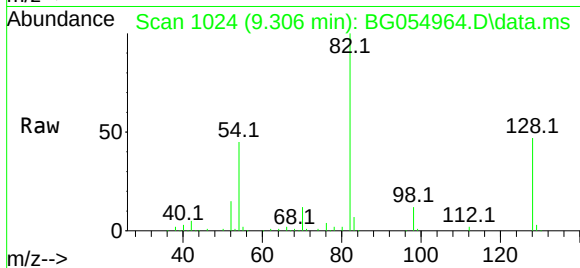
Acq: 15 Sep 2022 20:21

Instrument :

BNA_G

ClientSampleId :

SASP2-T-6-(5-10)



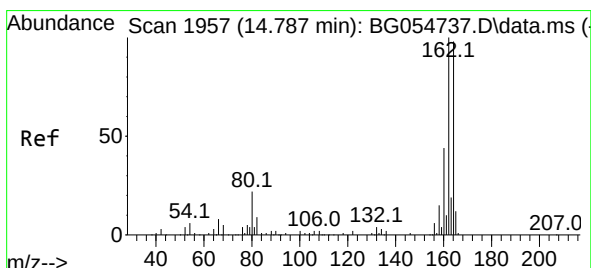
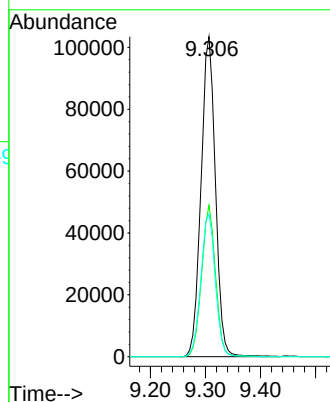
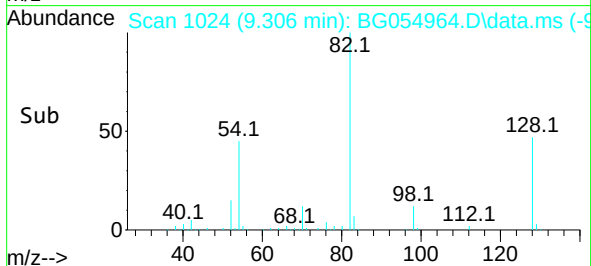
Tgt Ion:	82	Resp:	18777
Ion Ratio	Lower	Upper	
82	100		
128	47.3	32.2	48.2
54	44.5	41.4	62.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

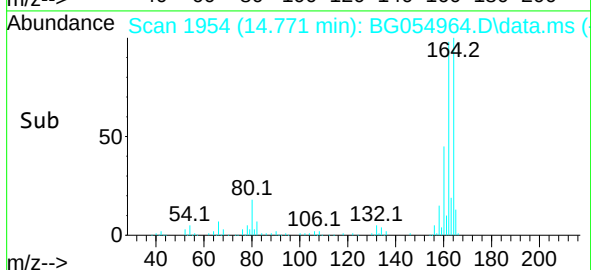
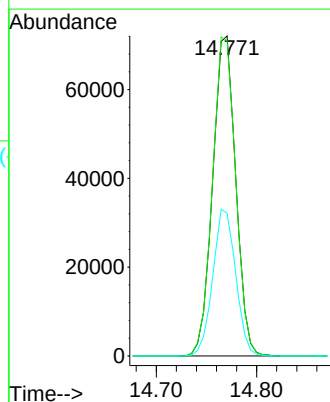
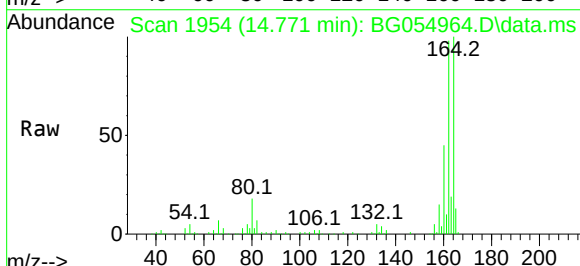
RT: 14.771 min Scan# 1954

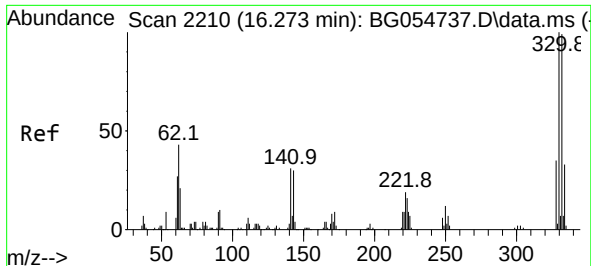
Delta R.T. -0.004 min

Lab File: BG054964.D

Acq: 15 Sep 2022 20:21

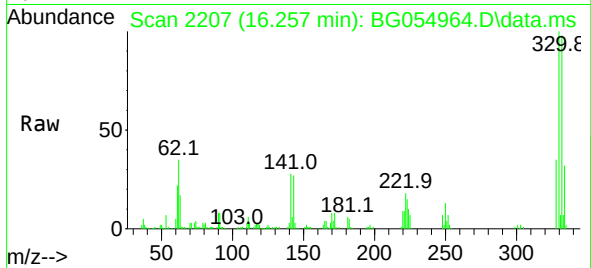
Tgt Ion:	164	Resp:	114881
Ion Ratio	Lower	Upper	
164	100		
162	98.5	83.0	124.4
160	44.6	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 90.658 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

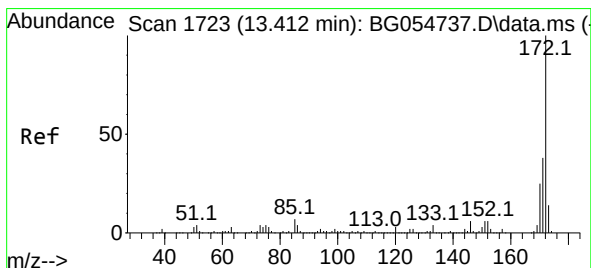
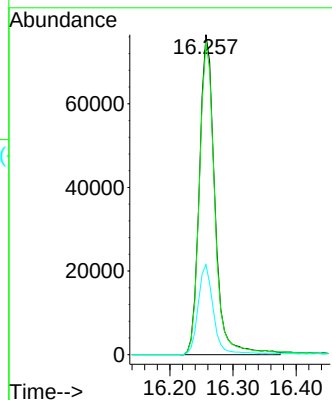
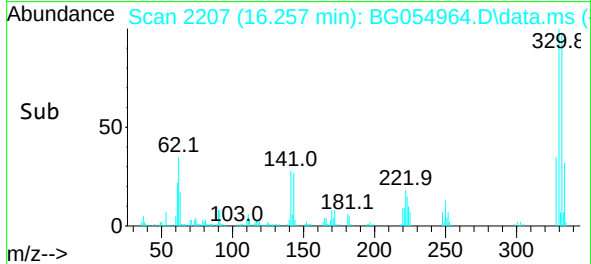
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



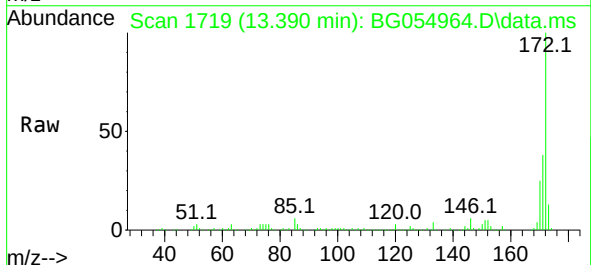
Tgt Ion:330 Resp: 130140
Ion Ratio Lower Upper
330 100
332 98.1 79.8 119.6
141 27.9 26.8 40.2

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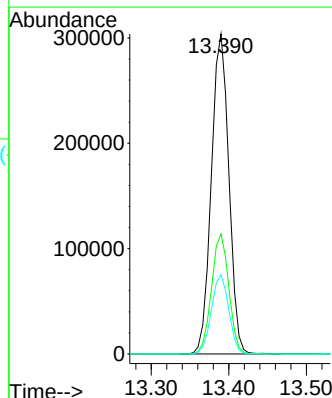
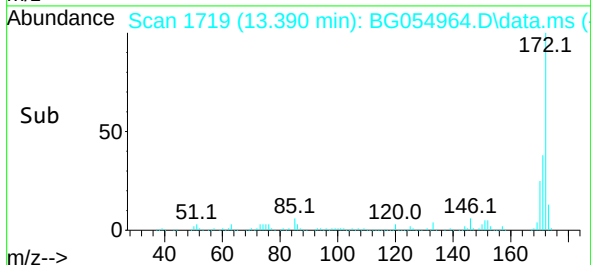
Reviewed By :Christian Giraldo 09/16/2022
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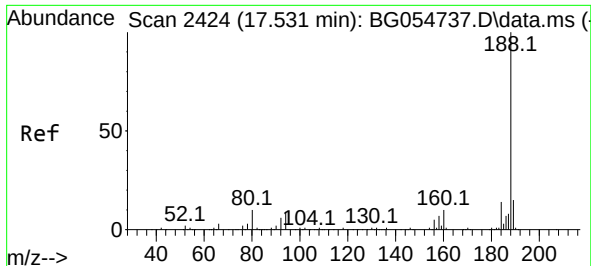


#45
2-Fluorobiphenyl
Concen: 62.369 ng
RT: 13.390 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



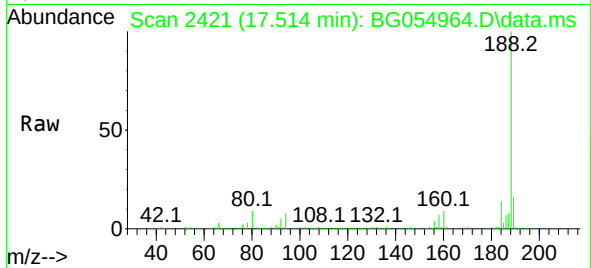
Tgt Ion:172 Resp: 476713
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.8 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.514 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

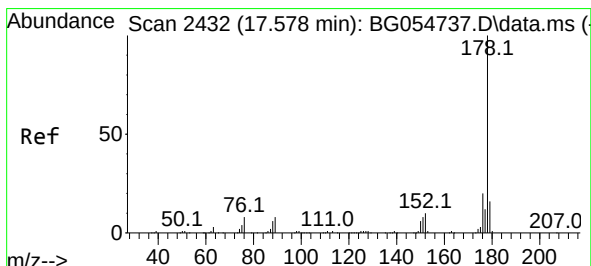
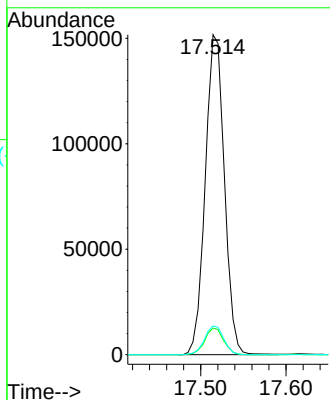
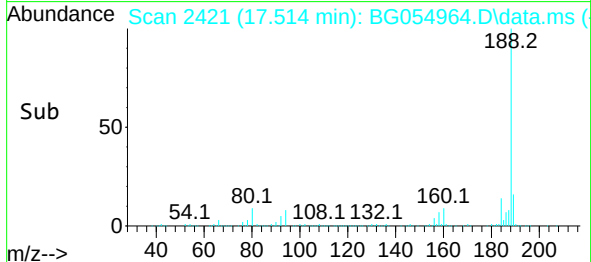
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



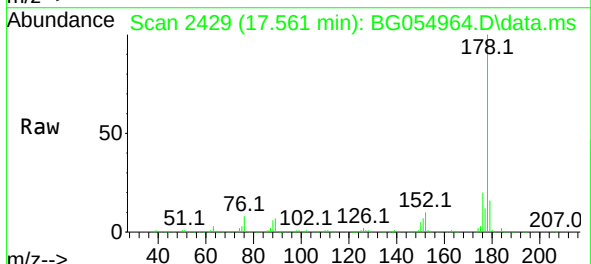
Tgt Ion:188 Resp: 236892
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.0 7.9 11.9

Manual Integrations
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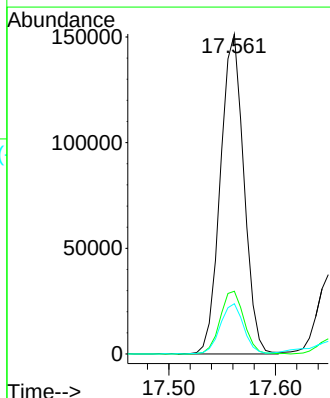
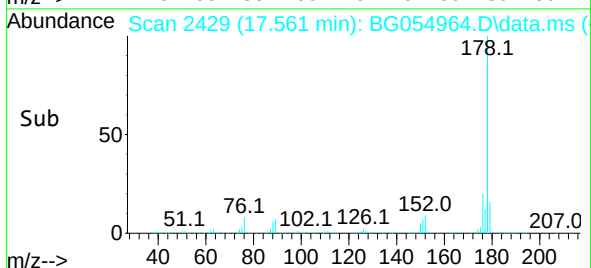
Reviewed By :Christian Giraldo 09/16/2022
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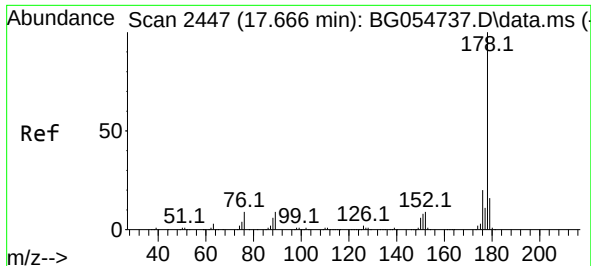


#71
Phenanthrene
Concen: 18.328 ng
RT: 17.561 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



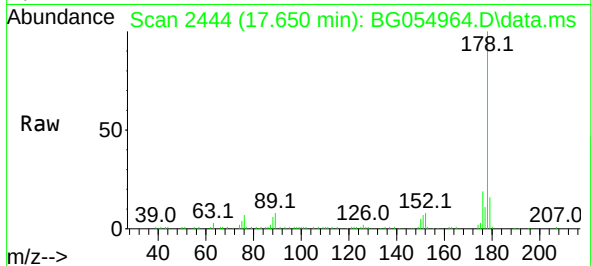
Tgt Ion:178 Resp: 231283
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 15.7 12.8 19.2





#72
 Anthracene
 Concen: 4.722 ng
 RT: 17.650 min Scan# 2444
 Delta R.T. -0.009 min
 Lab File: BG054964.D
 Acq: 15 Sep 2022 20:21

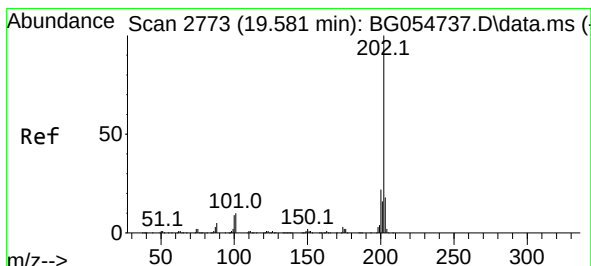
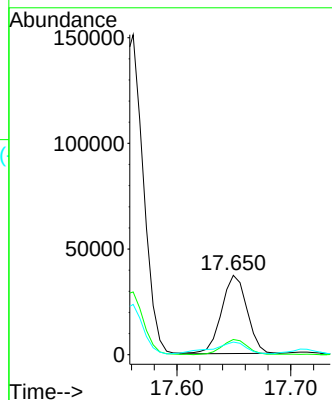
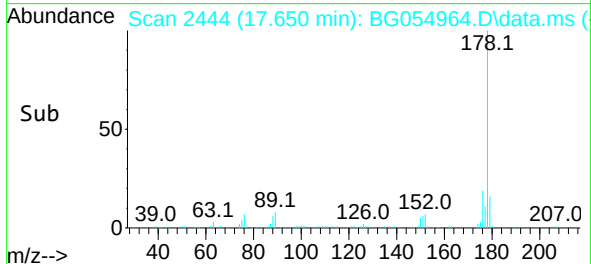
Instrument :
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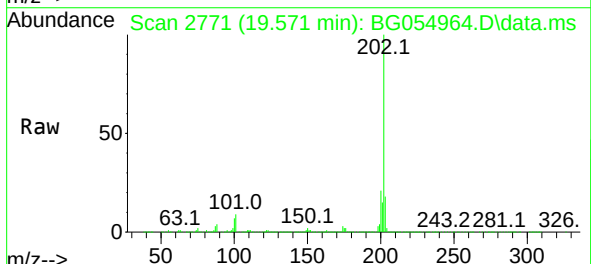
Tgt Ion:178 Resp: 57930
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 16.0 12.9 19.3

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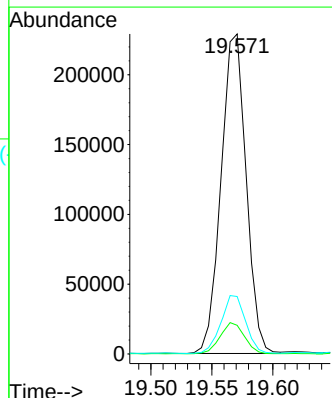
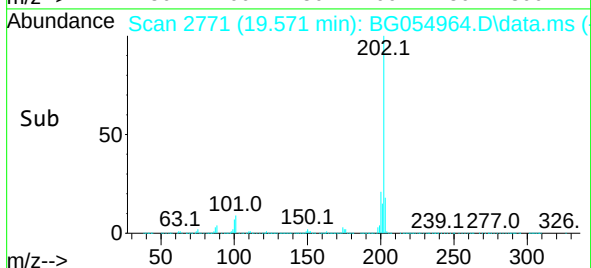
Reviewed By :Christian Giraldo 09/16/2022
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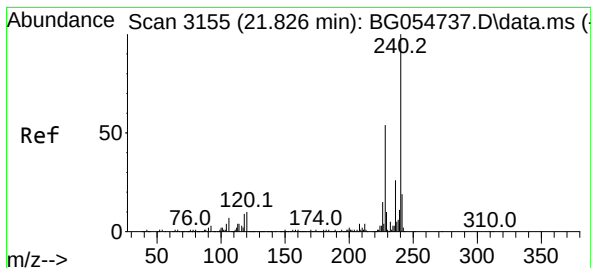


#75
 Fluoranthene
 Concen: 21.359 ng
 RT: 19.571 min Scan# 2771
 Delta R.T. 0.002 min
 Lab File: BG054964.D
 Acq: 15 Sep 2022 20:21



Tgt Ion:202 Resp: 327900
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 31.4
 203 18.0 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.809 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG054964.D

Acq: 15 Sep 2022 20:21

Instrument :

BNA_G

ClientSampleId :

SASP2-T-6-(5-10)

Tgt Ion:240 Resp: 224750

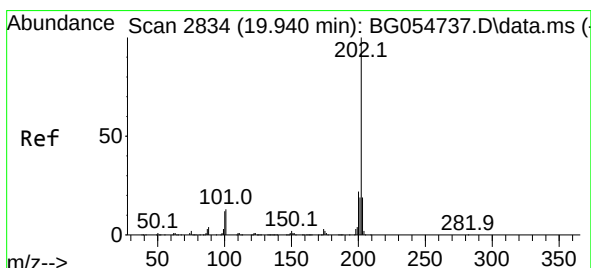
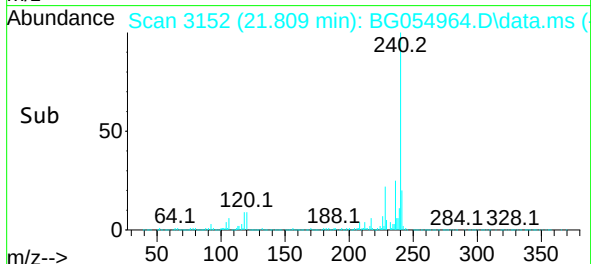
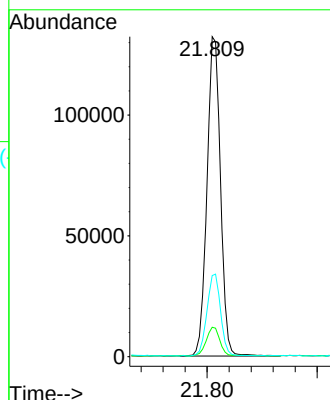
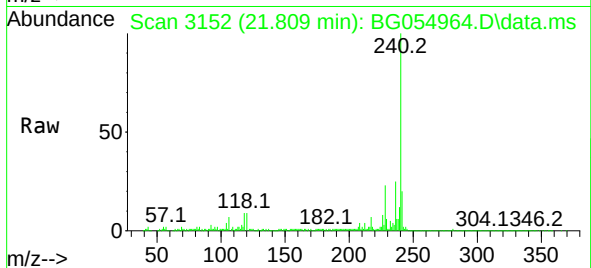
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.4
236	25.4	21.2	31.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/16/2022



#78

Pyrene

Concen: 18.651 ng

RT: 19.929 min Scan# 2832

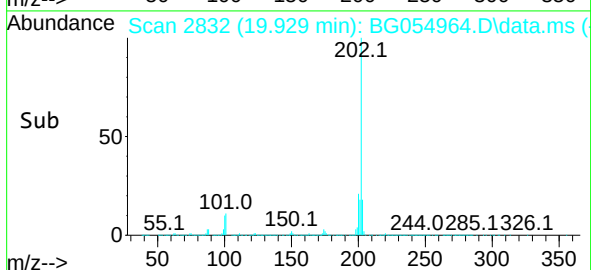
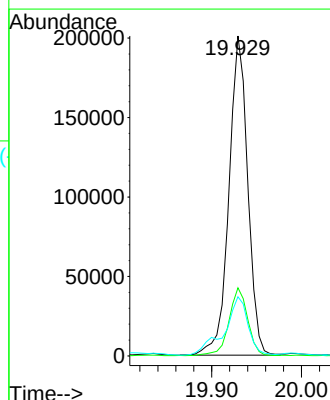
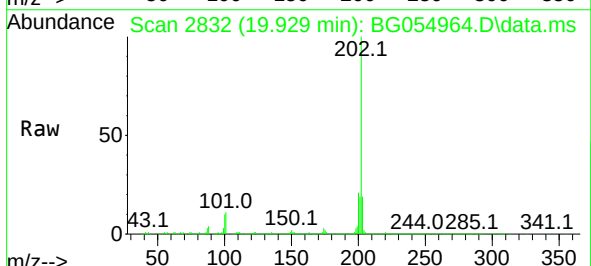
Delta R.T. -0.004 min

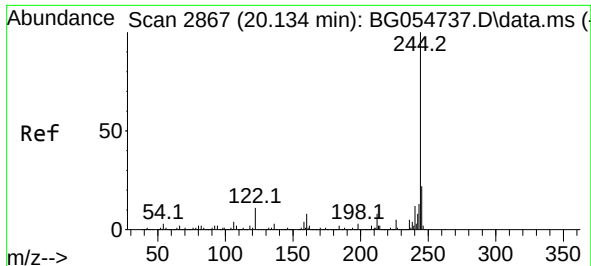
Lab File: BG054964.D

Acq: 15 Sep 2022 20:21

Tgt Ion:202 Resp: 292293

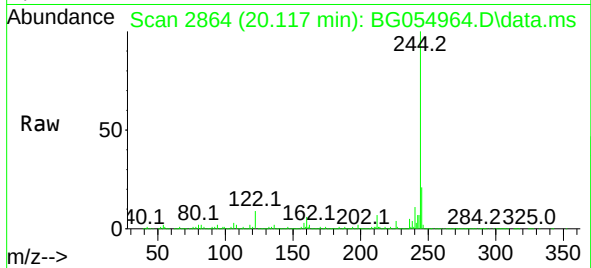
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.5	14.6	21.8





#79
Terphenyl-d14
Concen: 59.434 ng
RT: 20.117 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

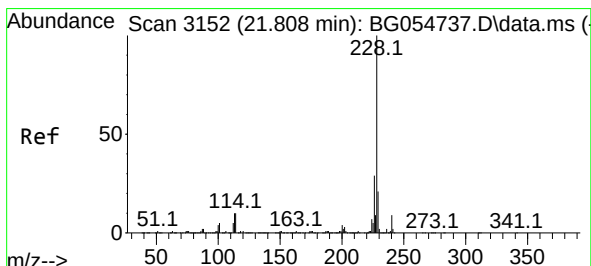
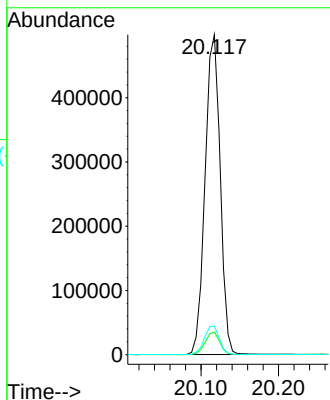
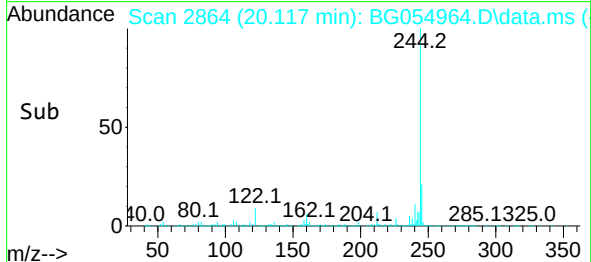
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



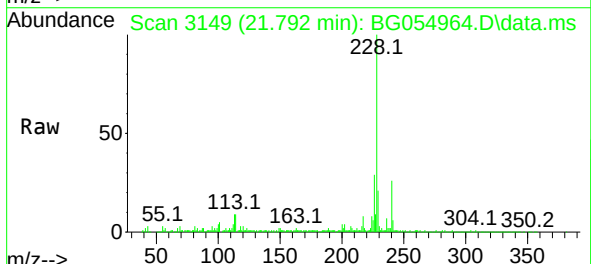
Tgt Ion:244 Resp: 674170
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 9.0 9.0 13.6

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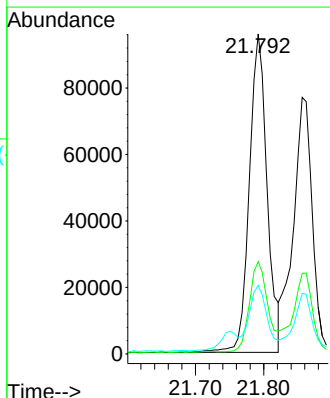
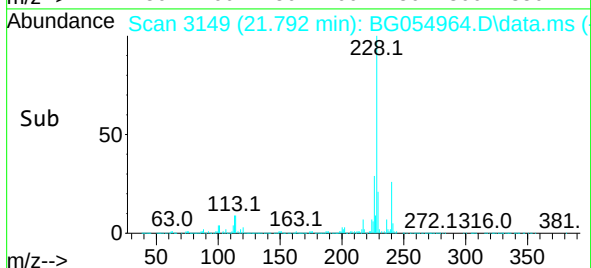
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

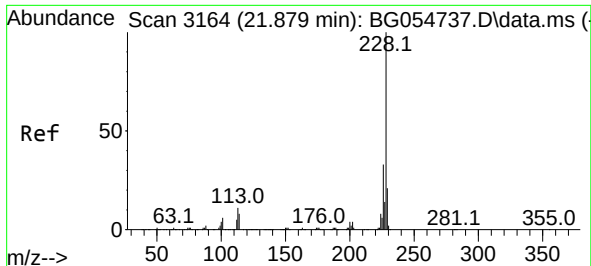


#81
Benzo(a)anthracene
Concen: 11.307 ng
RT: 21.792 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



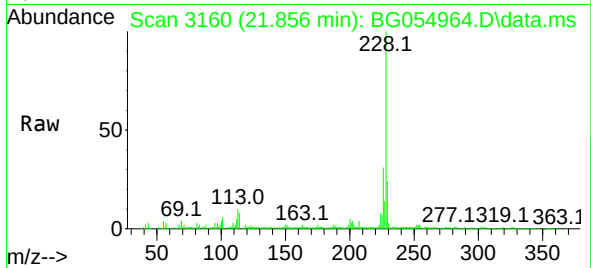
Tgt Ion:228 Resp: 172301
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 21.4 16.5 24.7





#83
Chrysene
Concen: 10.203 ng
RT: 21.856 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

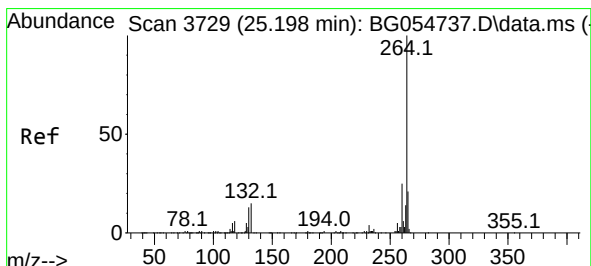
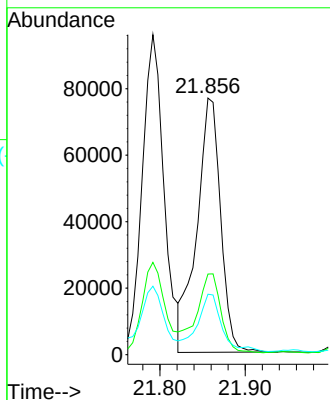
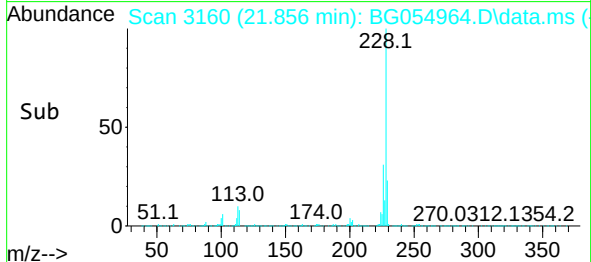
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



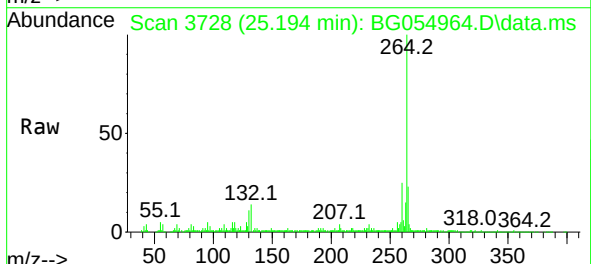
Tgt Ion:228 Resp: 148668
Ion Ratio Lower Upper
228 100
226 31.4 25.5 38.3
229 23.5 16.8 25.2

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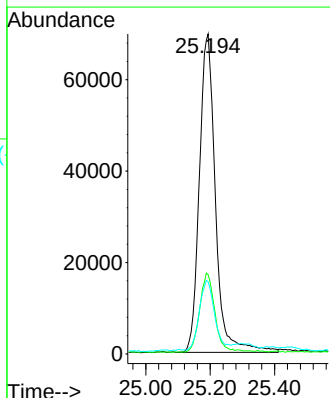
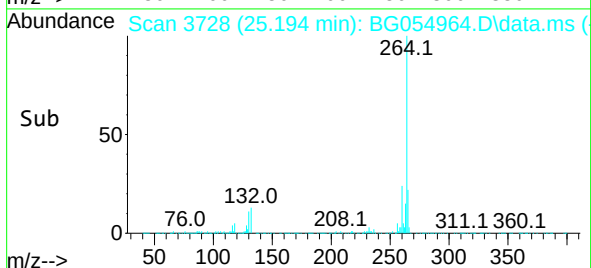
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

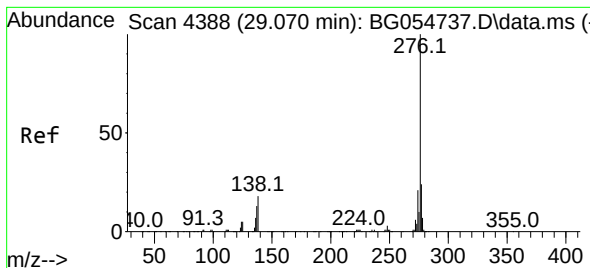


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3728
Delta R.T. 0.008 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21



Tgt Ion:264 Resp: 241682
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.018 ng

RT: 29.089 min Scan# 4388

Delta R.T. 0.002 min

Lab File: BG054964.D

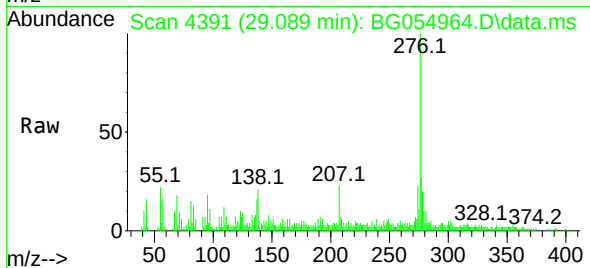
Acq: 15 Sep 2022 20:21

Instrument :

BNA_G

ClientSampleId :

SASP2-T-6-(5-10)



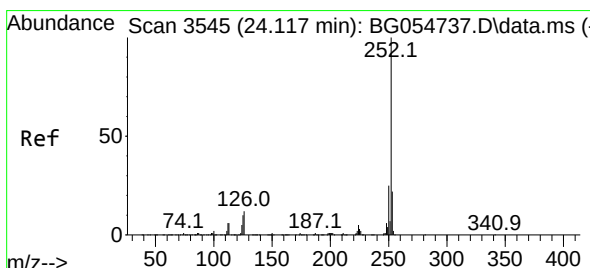
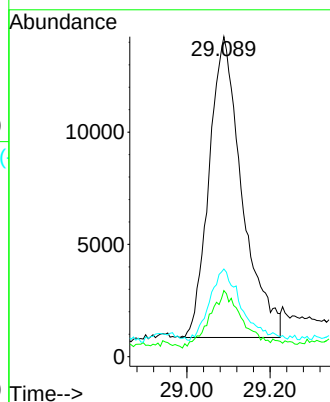
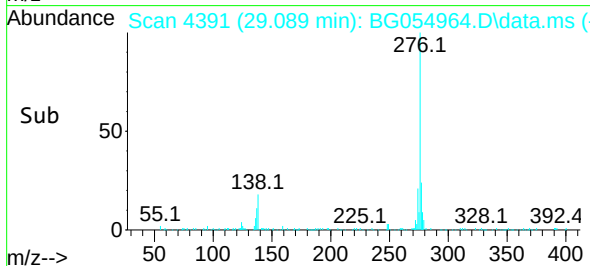
Tgt Ion:	276	Resp:	7371
Ion Ratio	Lower	Upper	
276	100		
138	18.9	12.0	18.0
277	22.2	20.2	30.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#88

Benzo(b)fluoranthene

Concen: 12.926 ng

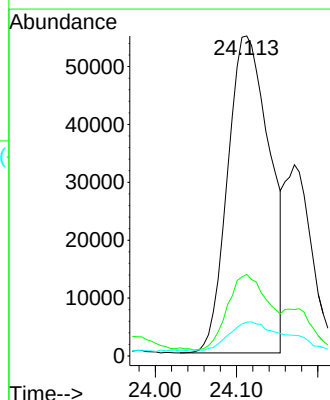
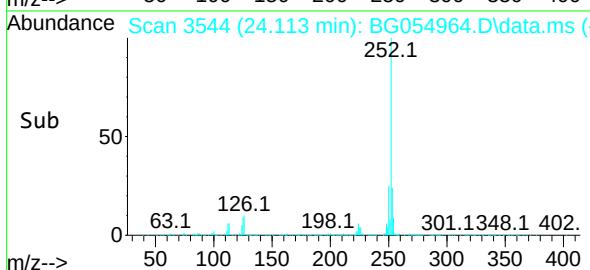
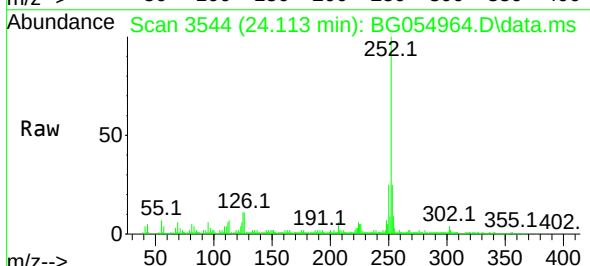
RT: 24.113 min Scan# 3544

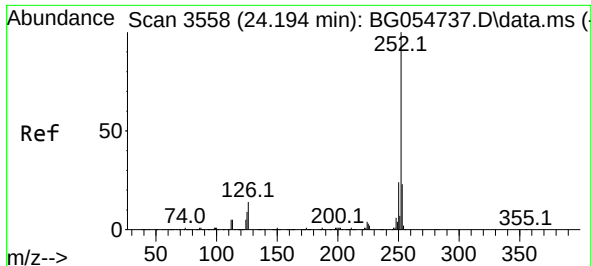
Delta R.T. 0.002 min

Lab File: BG054964.D

Acq: 15 Sep 2022 20:21

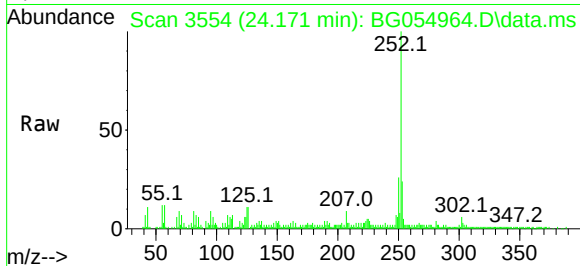
Tgt Ion:	252	Resp:	195970
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.0	27.0
125	10.6	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 5.037 ng m
RT: 24.171 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

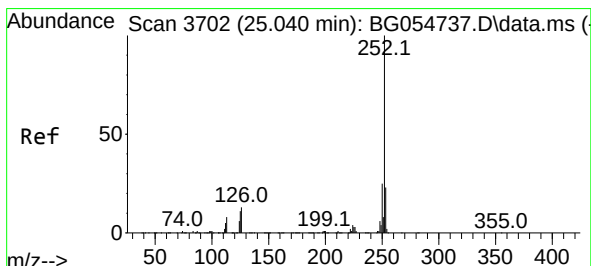
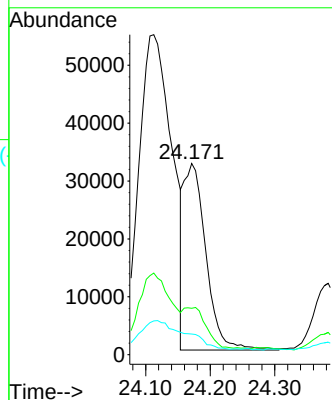
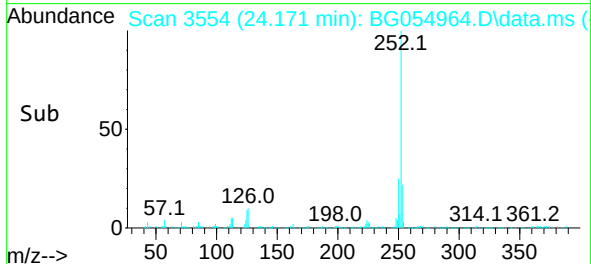
Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



Tgt Ion:252 Resp: 7685
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 10.8 8.2 12.4

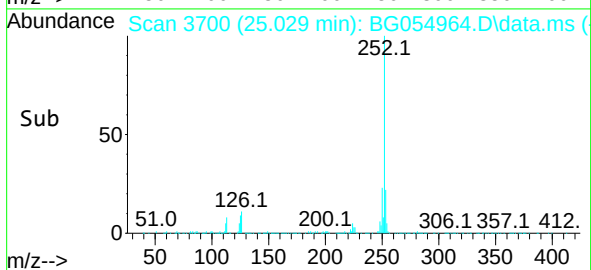
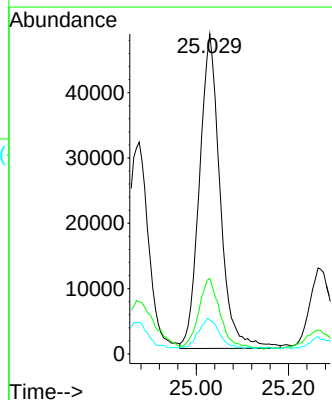
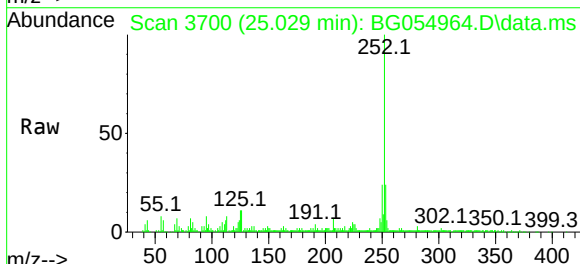
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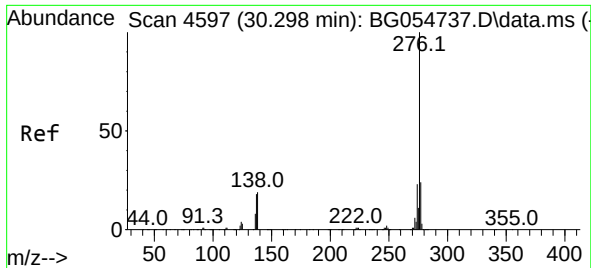
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#90
Benzo(a)pyrene
Concen: 11.571 ng
RT: 25.029 min Scan# 3700
Delta R.T. -0.004 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

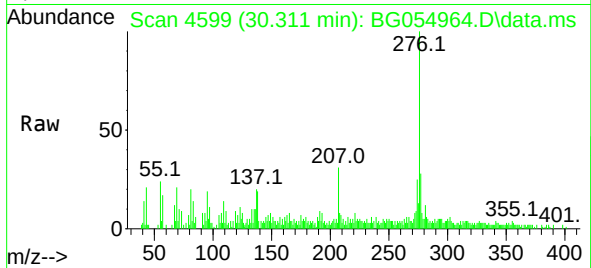
Tgt Ion:252 Resp: 149872
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 10.6 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 4.377 ng
RT: 30.311 min Scan# 4599
Delta R.T. 0.002 min
Lab File: BG054964.D
Acq: 15 Sep 2022 20:21

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(5-10)



Tgt Ion: 276 Resp: 66100
Ion Ratio Lower Upper
276 100
277 28.2 19.4 29.0
138 18.9 16.6 25.0

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Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022

