

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060549.D
 Acq On : 2 Feb 2024 1:44
 Operator : MA/JU
 Sample : P1304-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 02 02:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	145144	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	563452	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	416017	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1080899	20.000	ng	# 0.00
76) Chrysene-d12	21.575	240	1023249	20.000	ng	0.00
86) Perylene-d12	24.736	264	926663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	193728	21.953	ng	0.00
7) Phenol-d6	7.086	99	303754	23.246	ng	0.00
23) Nitrobenzene-d5	9.084	82	194059	16.263	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	172866	28.242	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	535055	17.881	ng	0.00
79) Terphenyl-d14	19.924	244	998697	16.192	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.624	154	53192	2.306	ng	94
58) Fluorene	15.605	166	66484	2.085	ng	91
71) Phenanthrene	17.350	178	1485090	28.425	ng	95
72) Anthracene	17.444	178	294233	5.641	ng	93
73) Carbazole	17.715	167	112518	2.288	ng	97
75) Fluoranthene	19.366	202	2218741	35.357	ng	90
78) Pyrene	19.730	202	2090725	31.996	ng	# 88
81) Benzo(a)anthracene	21.551	228	1023962	16.164	ng	92
83) Chrysene	21.622	228	963962	15.472	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.338	276	511127m	7.933	ng	
88) Benzo(b)fluoranthene	23.731	252	1162637	21.238	ng	96
89) Benzo(k)fluoranthene	23.796	252	400066m	7.406	ng	
90) Benzo(a)pyrene	24.589	252	780545	15.784	ng	99
91) Dibenzo(a,h)anthracene	28.379	278	140678m	2.673	ng	
92) Benzo(g,h,i)perylene	29.460	276	466740	8.655	ng	97

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

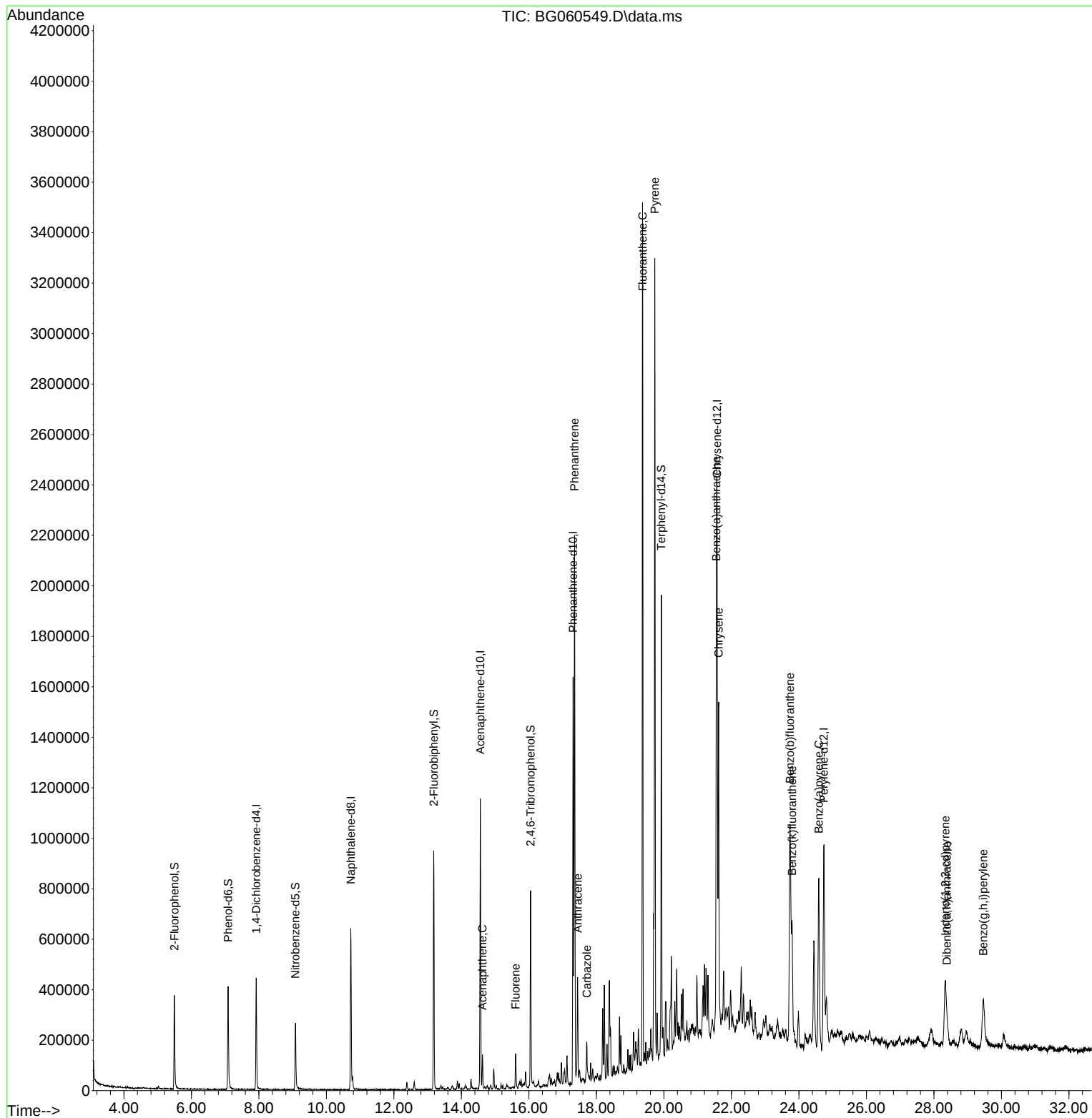
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
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ALS Vial : 15 Sample Multiplier: 1

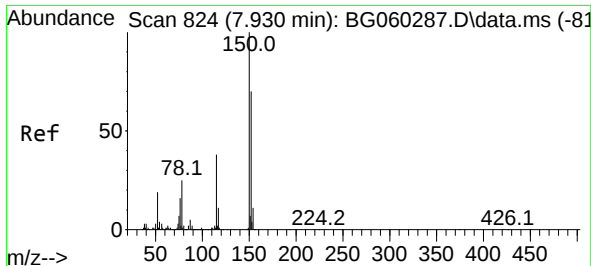
Instrument :
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Quant Time: Feb 02 02:20:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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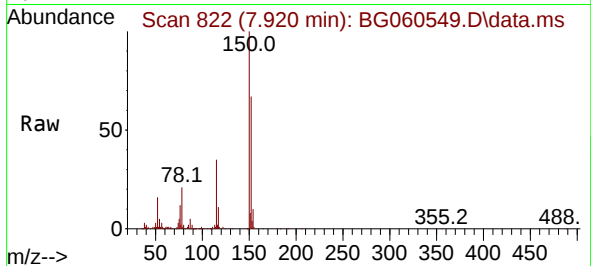
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

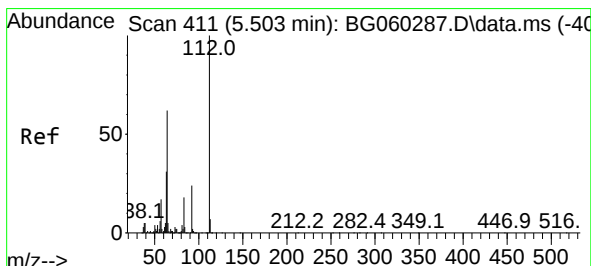
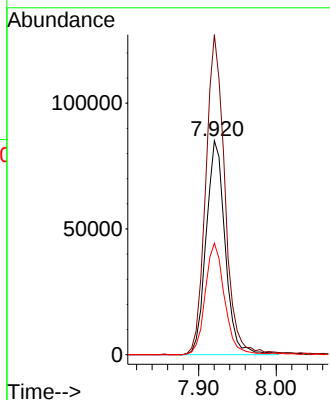
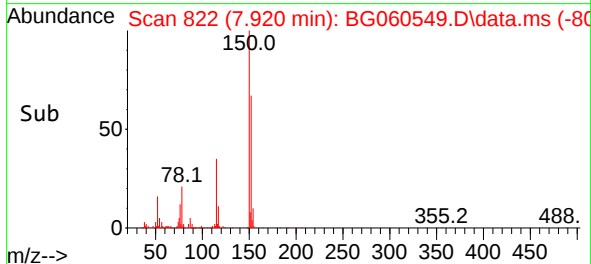
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



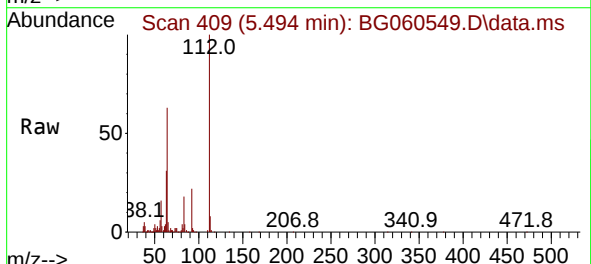
Tgt Ion:152 Resp: 145144
Ion Ratio Lower Upper
152 100
150 149.6 114.5 171.7
115 52.1 43.0 64.6

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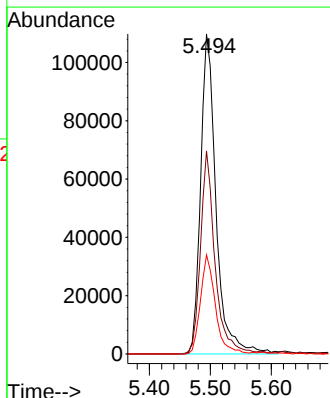
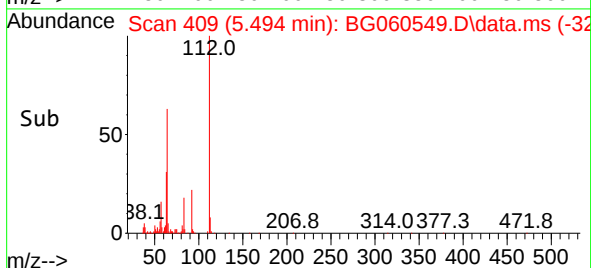
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#5
2-Fluorophenol
Concen: 21.953 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44



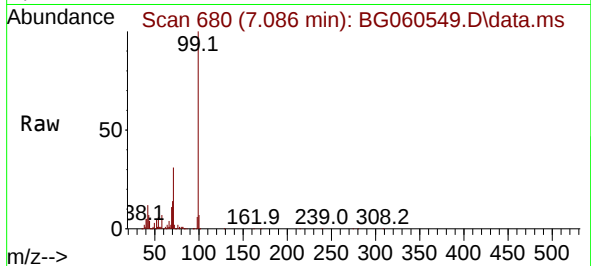
Tgt Ion:112 Resp: 193728
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.6
63 31.0 24.4 36.6





#7
Phenol-d6
Concen: 23.246 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

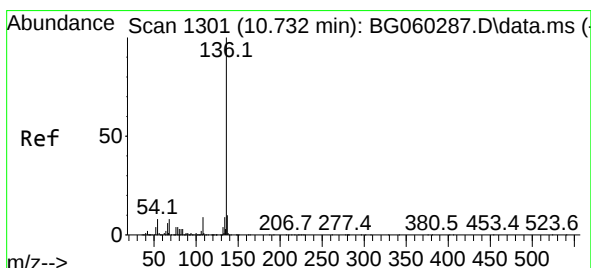
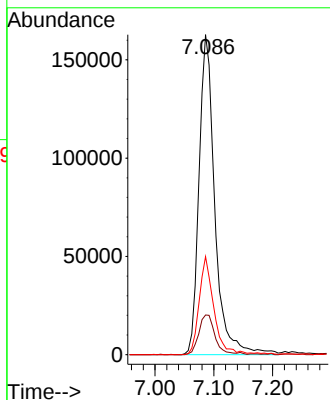
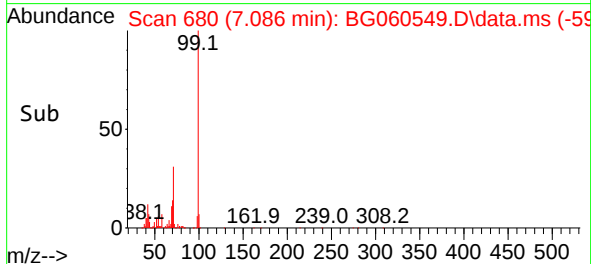
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



Tgt Ion: 99 Resp: 303754
Ion Ratio Lower Upper
99 100
42 12.4 10.9 16.3
71 30.6 21.5 32.3

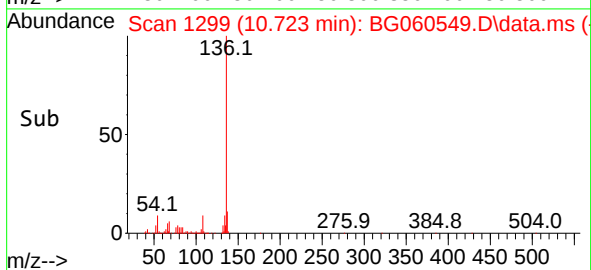
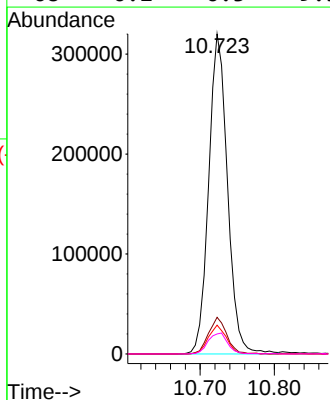
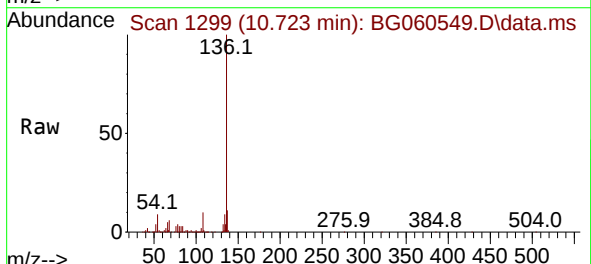
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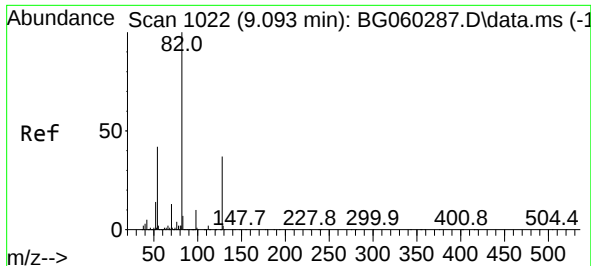
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

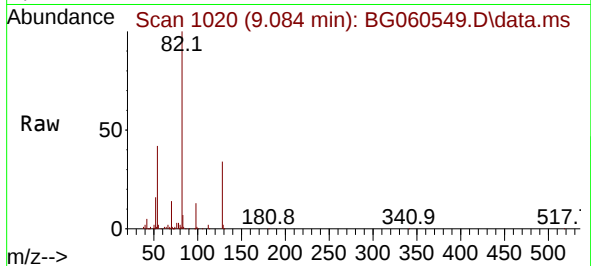
Tgt Ion:136 Resp: 563452
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.4
54 9.0 6.2 9.2
68 6.2 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 16.263 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

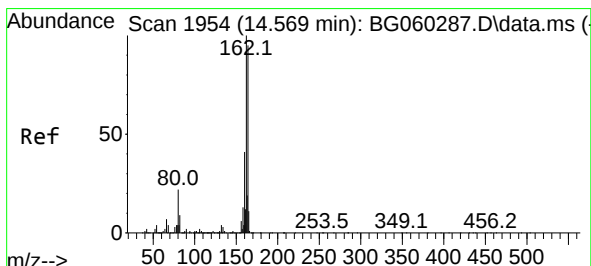
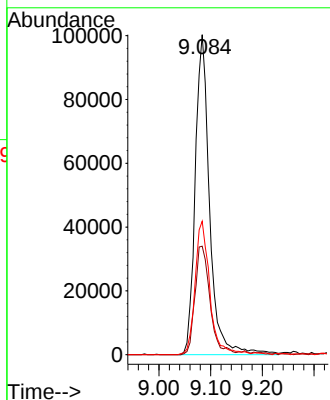
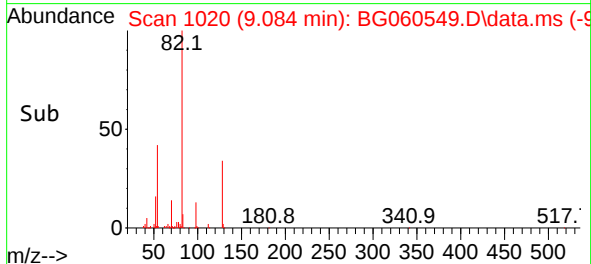
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



Tgt Ion: 82 Resp: 194059
Ion Ratio Lower Upper
82 100
128 33.9 29.6 44.4
54 41.7 33.6 50.4

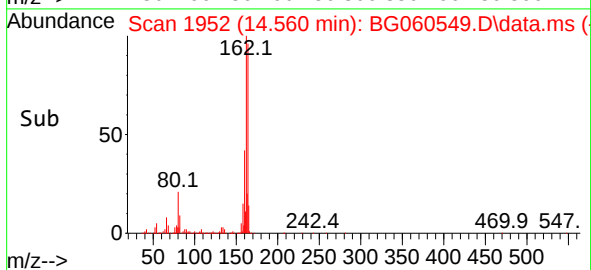
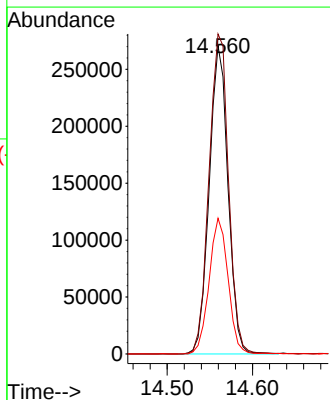
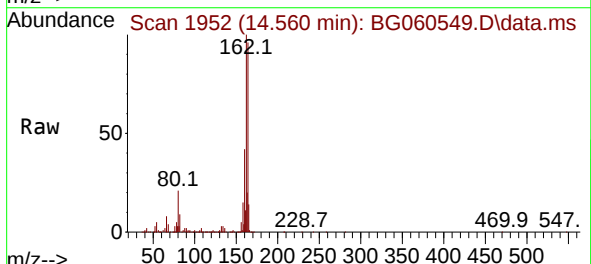
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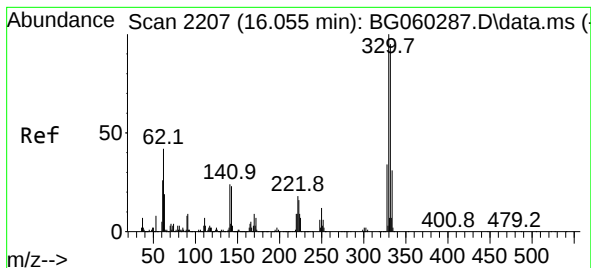
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

Tgt Ion:164 Resp: 416017
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 44.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 28.242 ng

RT: 16.052 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060549.D

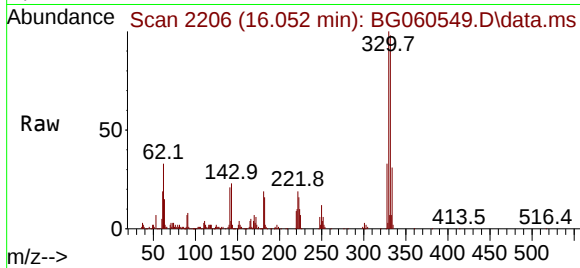
Acq: 2 Feb 2024 1:44

Instrument :

BNA_G

ClientSampleId :

BRIGHTON-WEST-8TH-STREET



Tgt Ion:330 Resp: 17286

Ion Ratio Lower Upper

330 100

332 100.7 76.7 115.1

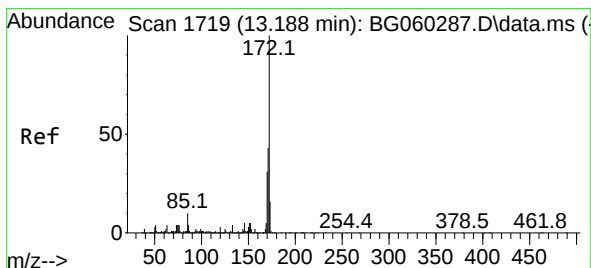
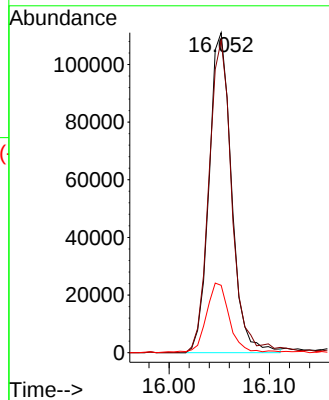
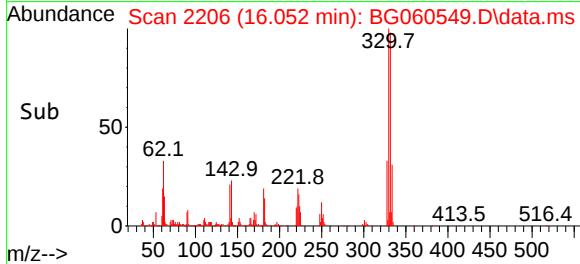
141 22.9 18.6 28.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#45

2-Fluorobiphenyl

Concen: 17.881 ng

RT: 13.179 min Scan# 1717

Delta R.T. -0.009 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

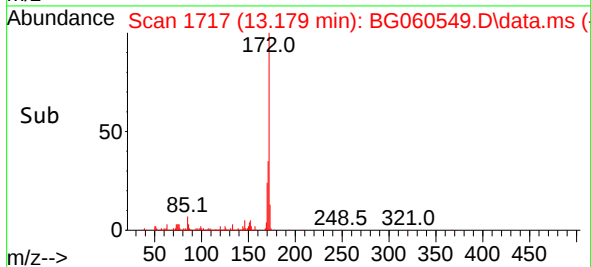
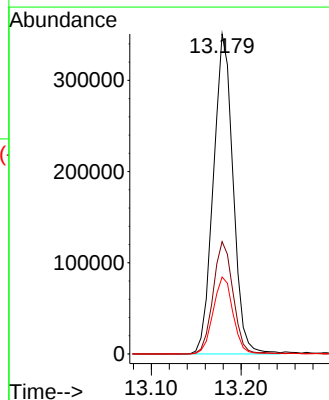
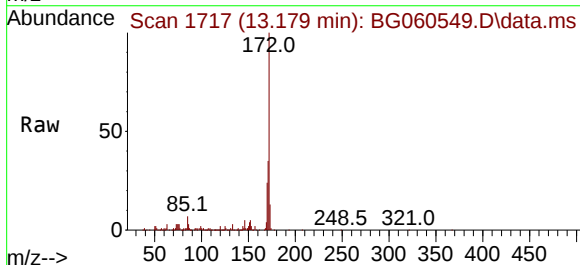
Tgt Ion:172 Resp: 535055

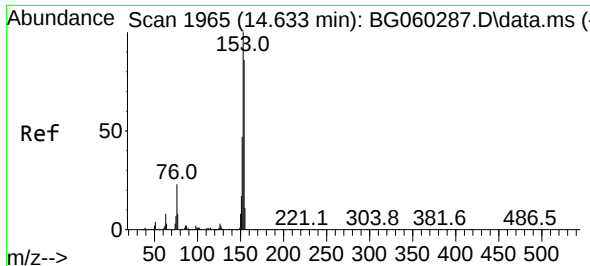
Ion Ratio Lower Upper

172 100

171 35.1 34.6 51.8

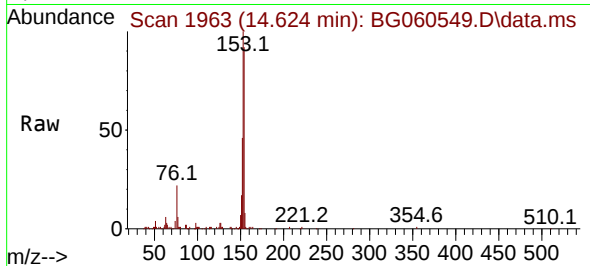
170 24.1 24.4 36.6#





#52
Acenaphthene
Concen: 2.306 ng
RT: 14.624 min Scan# 1963
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

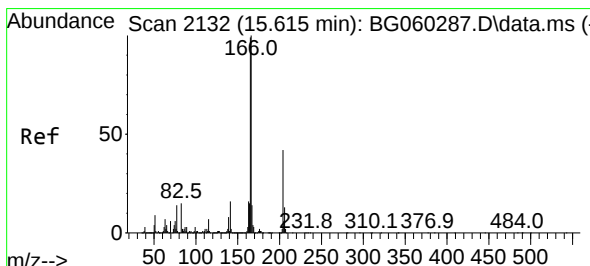
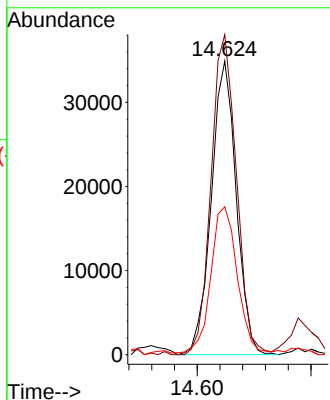
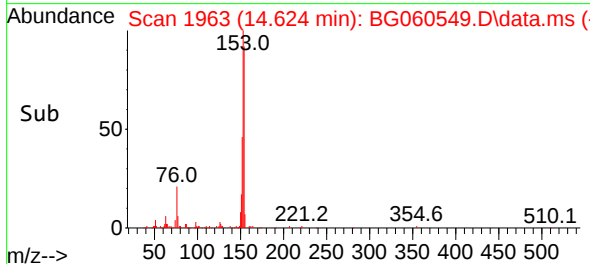
Instrument : BNA_G
ClientSampleId : BRIGHTON-WEST-8TH-STREET



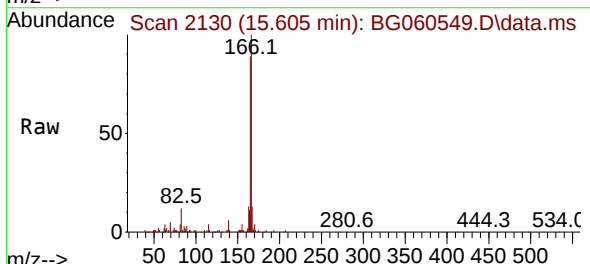
Tgt Ion:154 Resp: 53192
Ion Ratio Lower Upper
154 100
153 109.0 92.6 138.8
152 50.4 43.8 65.8

Manual Integrations
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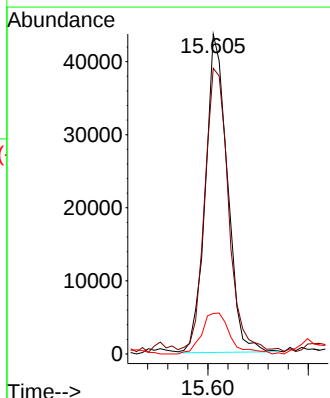
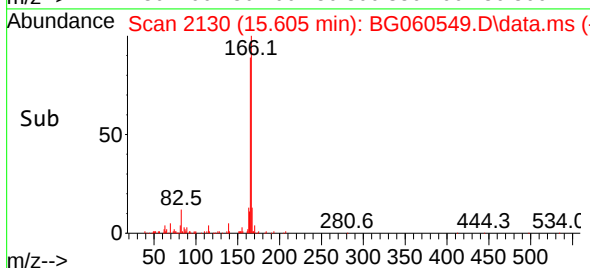
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

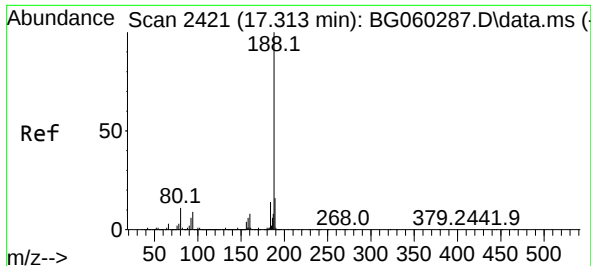


#58
Fluorene
Concen: 2.085 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44



Tgt Ion:166 Resp: 66484
Ion Ratio Lower Upper
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165 89.3 79.0 118.6
167 12.6 11.4 17.0





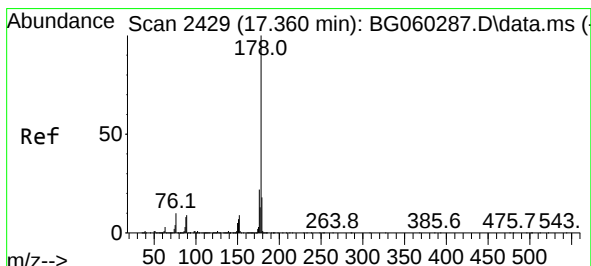
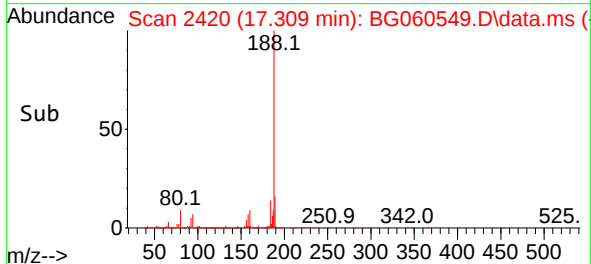
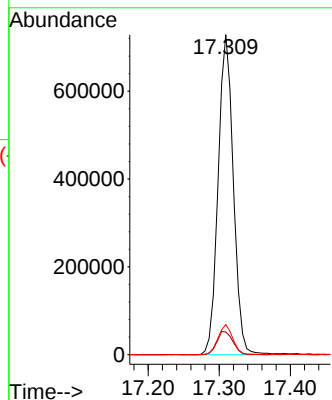
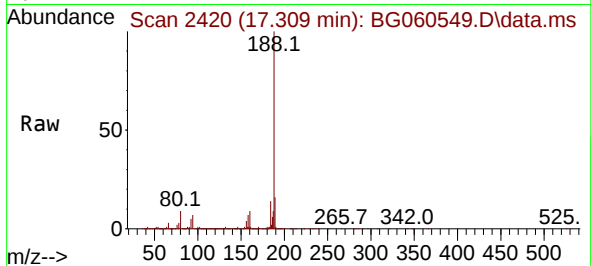
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

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Tgt Ion:188 Resp: 1080899
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7
80 9.4 8.5 12.7

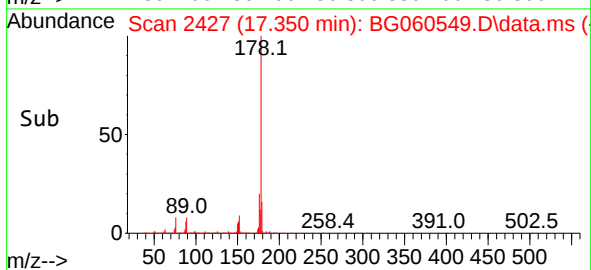
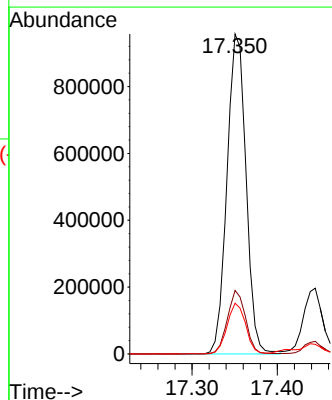
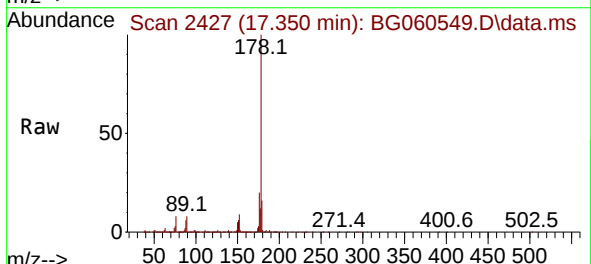
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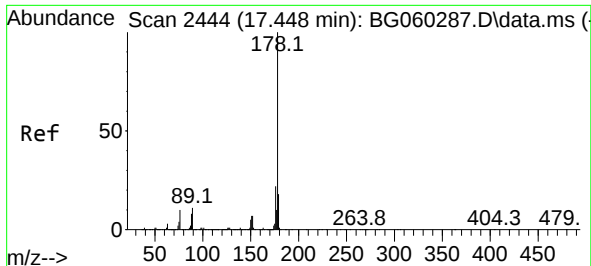
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#71
Phenanthrene
Concen: 28.425 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

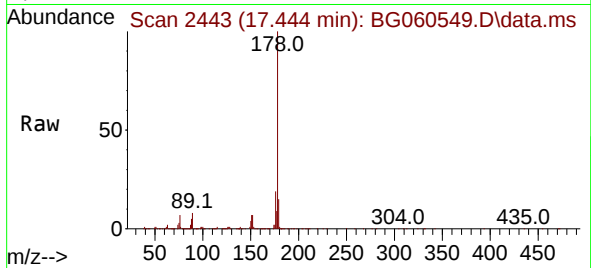
Tgt Ion:178 Resp: 1485090
Ion Ratio Lower Upper
178 100
176 19.9 17.4 26.2
179 15.8 14.7 22.1





#72
 Anthracene
 Concen: 5.641 ng
 RT: 17.444 min Scan# 2443
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

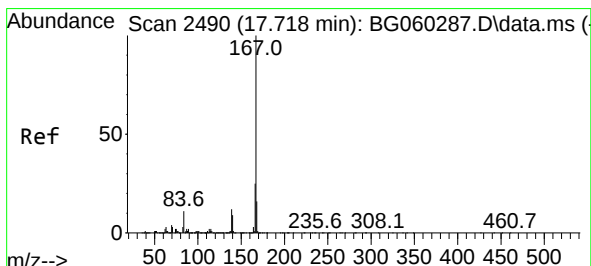
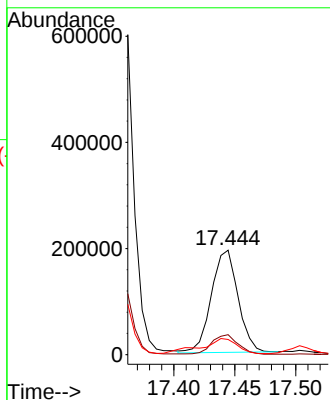
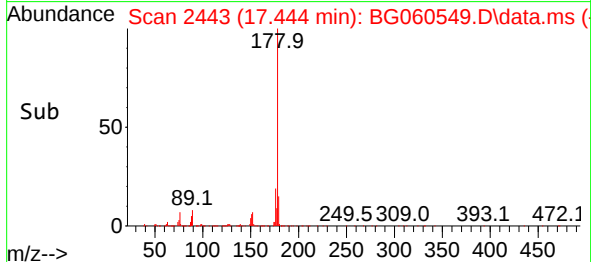
Instrument :
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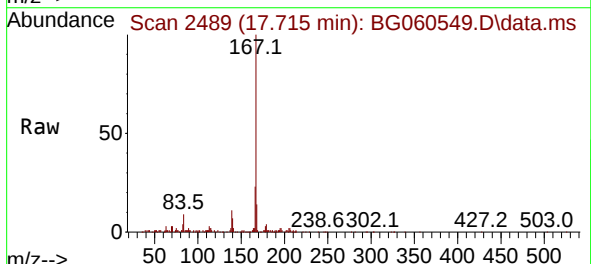
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 Ion Ratio Lower Upper
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 179 14.6 14.1 21.1

Manual Integrations
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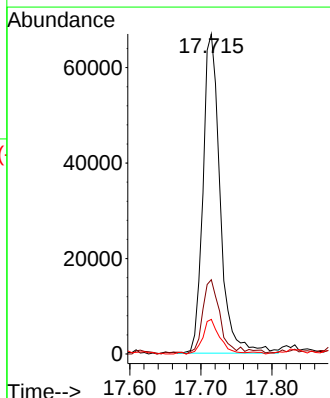
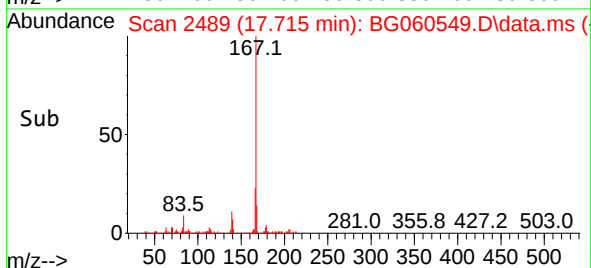
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

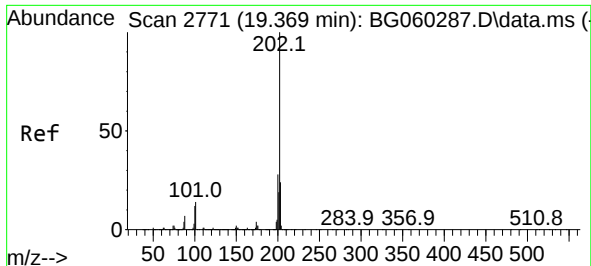


#73
 Carbazole
 Concen: 2.288 ng
 RT: 17.715 min Scan# 2489
 Delta R.T. -0.003 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44



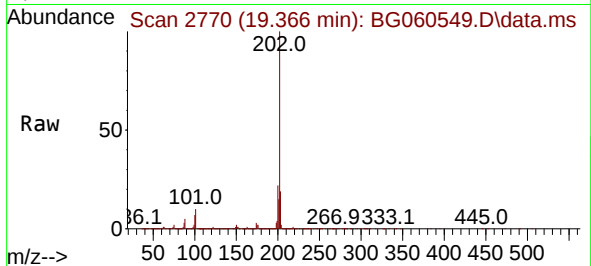
Tgt Ion:167 Resp: 112518
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.8 29.8
 139 10.8 9.3 13.9





#75
Fluoranthene
Concen: 35.357 ng
RT: 19.366 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

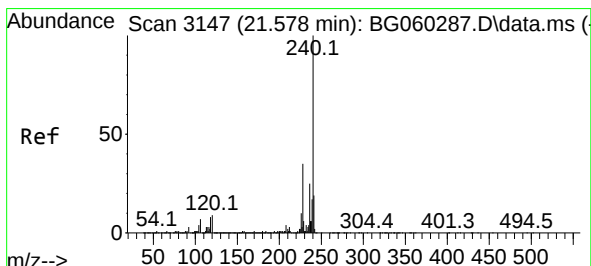
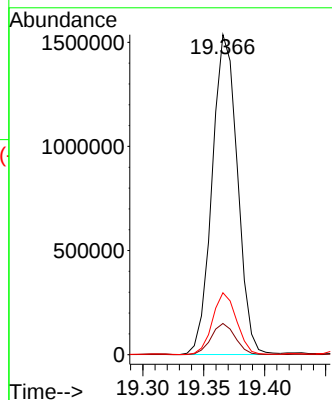
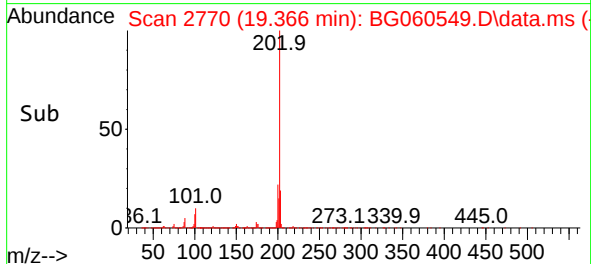
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



Tgt Ion:202 Resp: 221874
Ion Ratio Lower Upper
202 100
101 9.8 0.0 34.4
203 19.4 4.0 44.0

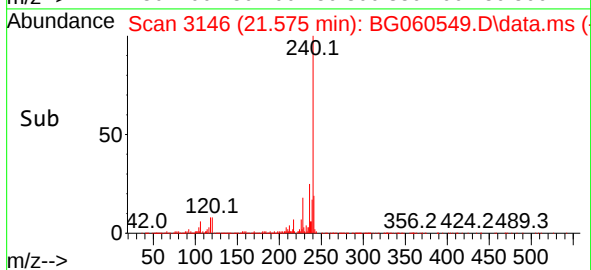
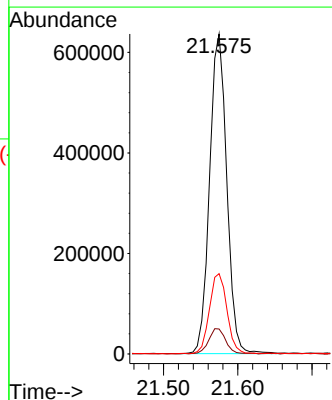
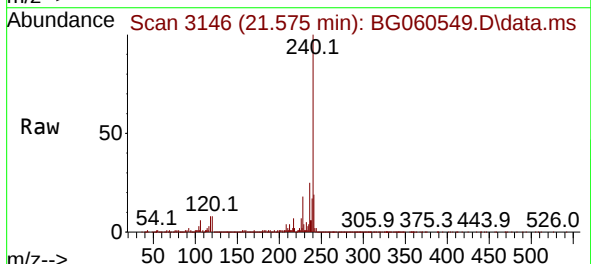
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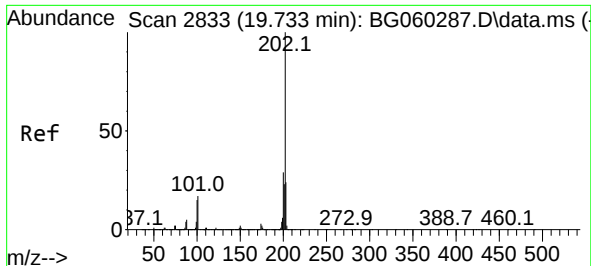
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

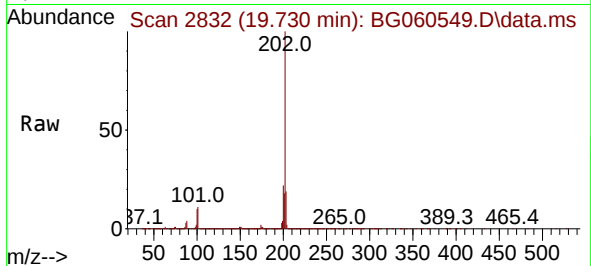
Tgt Ion:240 Resp: 1023249
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.1 20.3 30.5





#78
Pyrene
Concen: 31.996 ng
RT: 19.730 min Scan# 2833
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

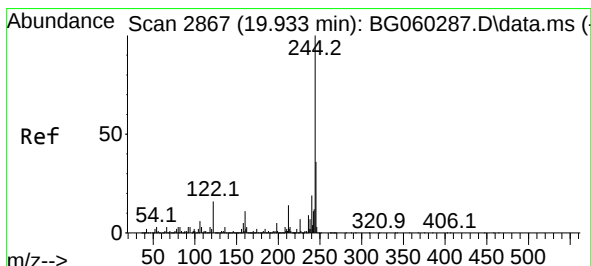
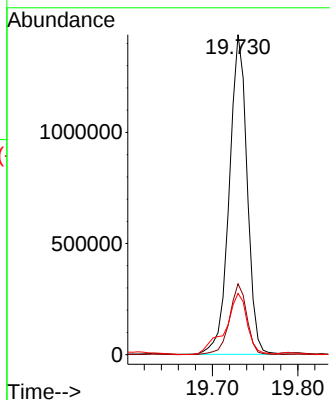
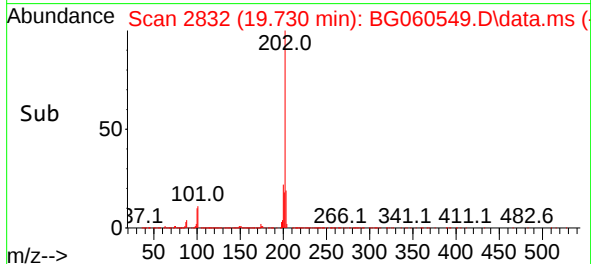
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



Tgt Ion:202 Resp: 2090725
Ion Ratio Lower Upper
202 100
200 22.1 23.5 35.3#
203 19.2 19.6 29.4#

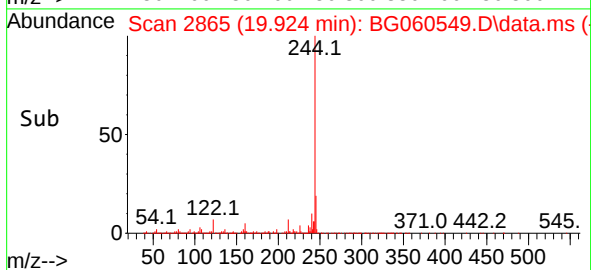
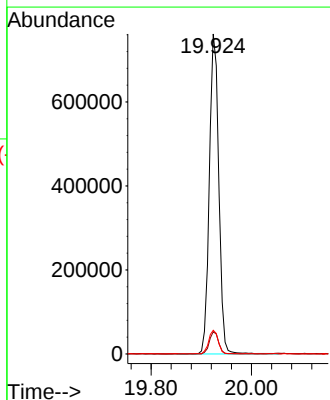
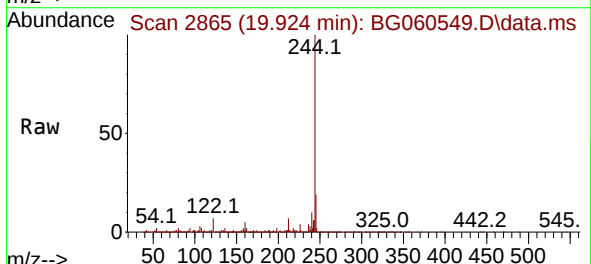
Manual Integrations
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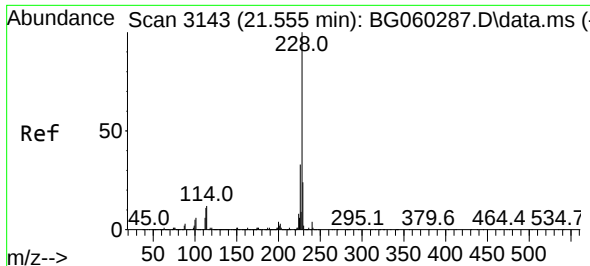
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#79
Terphenyl-d14
Concen: 16.192 ng
RT: 19.924 min Scan# 2865
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

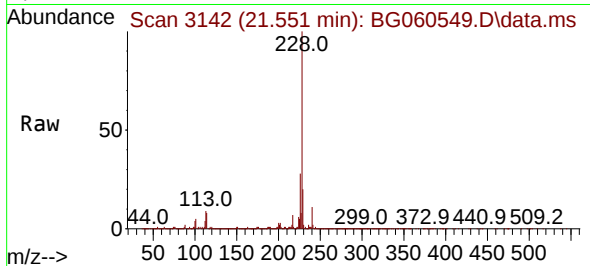
Tgt Ion:244 Resp: 998697
Ion Ratio Lower Upper
244 100
212 7.0 10.9 16.3#
122 7.4 12.6 18.8#





#81
Benzo(a)anthracene
Concen: 16.164 ng
RT: 21.551 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

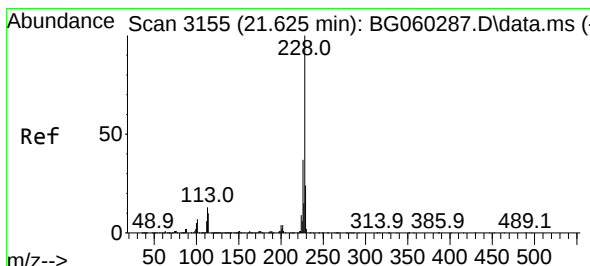
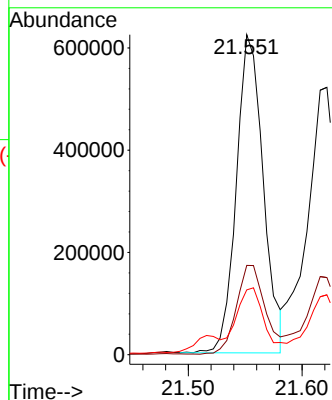
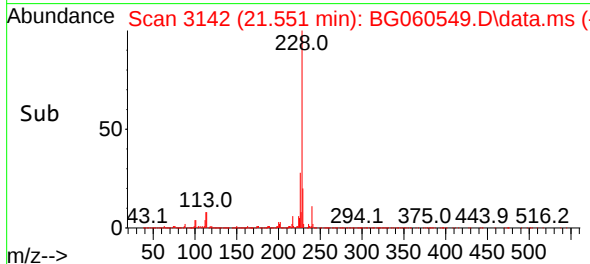
Instrument : BNA_G
ClientSampleId : BRIGHTON-WEST-8TH-STREET



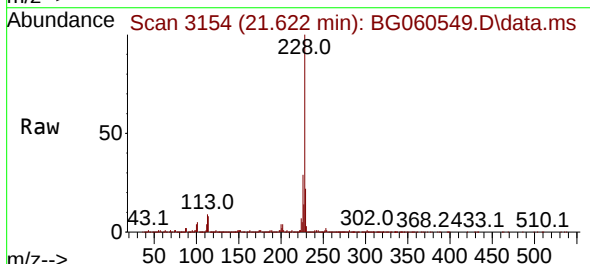
Tgt Ion:228 Resp: 1023962
Ion Ratio Lower Upper
228 100
226 27.9 26.2 39.2
229 20.3 19.4 29.2

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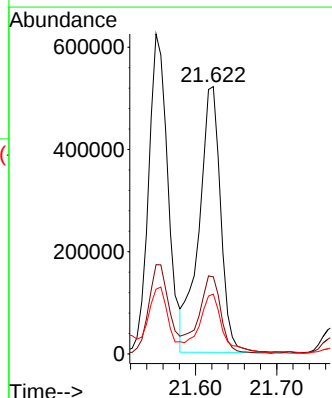
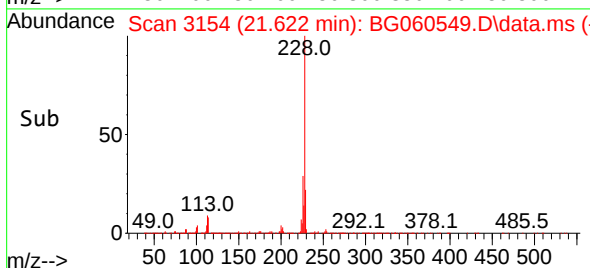
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

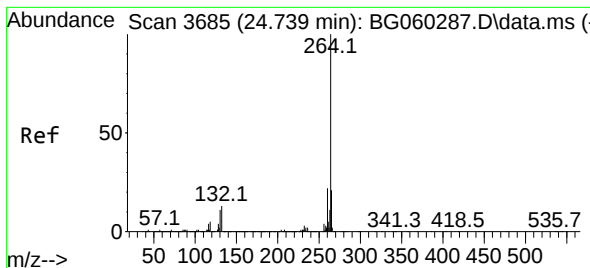


#83
Chrysene
Concen: 15.472 ng
RT: 21.622 min Scan# 3154
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44



Tgt Ion:228 Resp: 963962
Ion Ratio Lower Upper
228 100
226 28.8 29.4 44.2#
229 22.4 19.2 28.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.736 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

Instrument :

BNA_G

ClientSampleId :

BRIGHTON-WEST-8TH-STREET

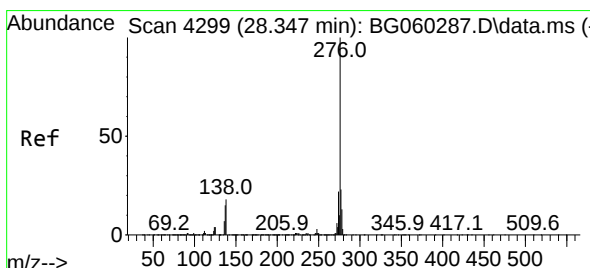
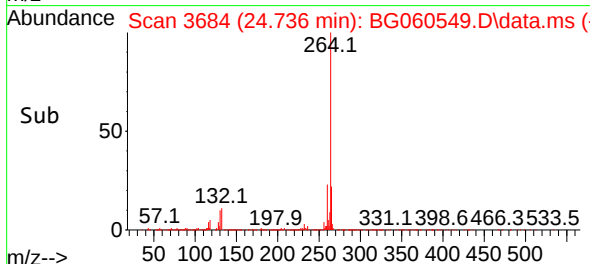
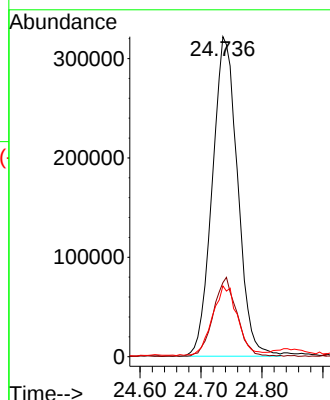
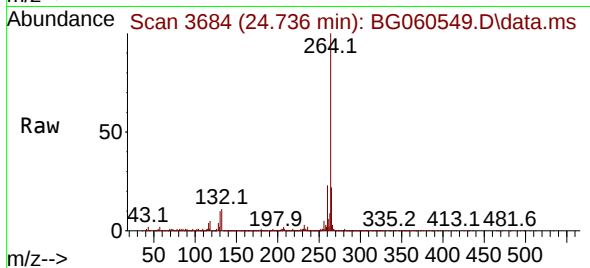
Tgt Ion:264 Resp: 92666

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.8	26.6
265	22.1	16.8	25.2

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Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.933 ng m

RT: 28.338 min Scan# 4297

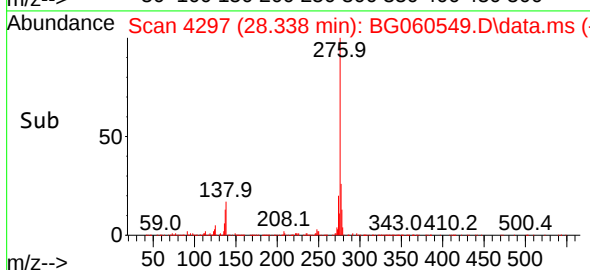
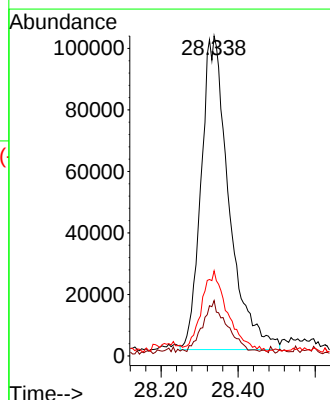
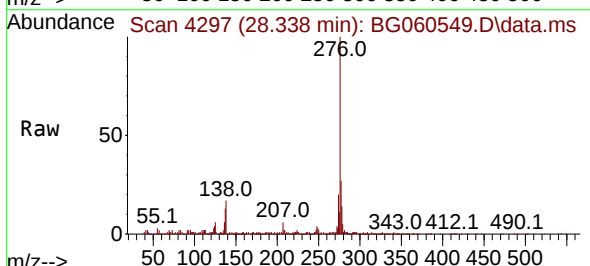
Delta R.T. -0.009 min

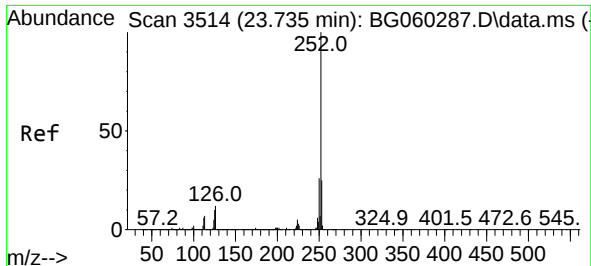
Lab File: BG060549.D

Acq: 2 Feb 2024 1:44

Tgt Ion:276 Resp: 511127

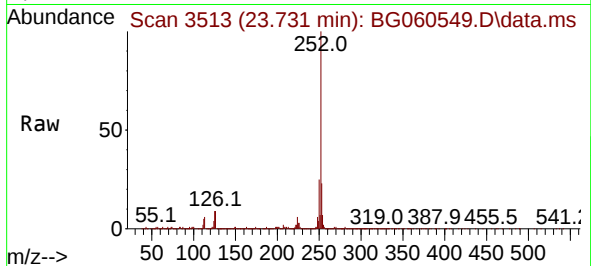
Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.5	18.7
277	23.4	20.5	30.7





#88
Benzo(b)fluoranthene
Concen: 21.238 ng
RT: 23.731 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

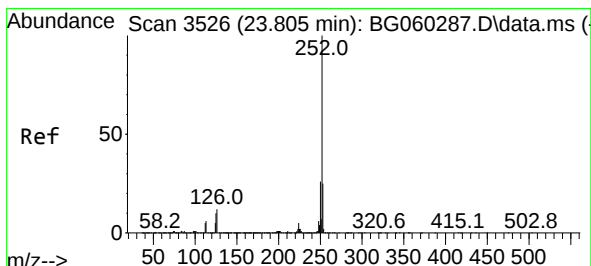
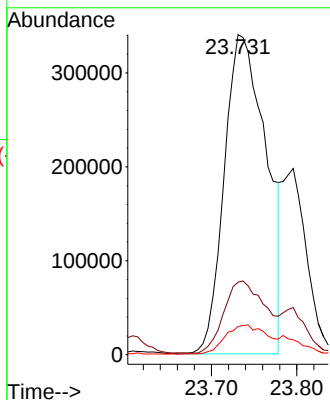
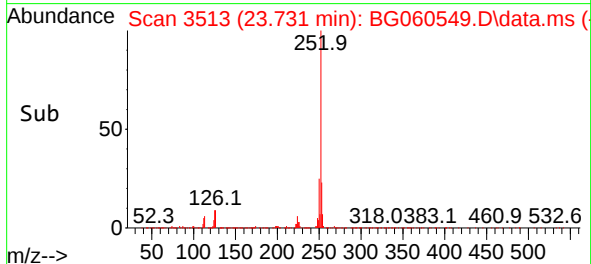
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



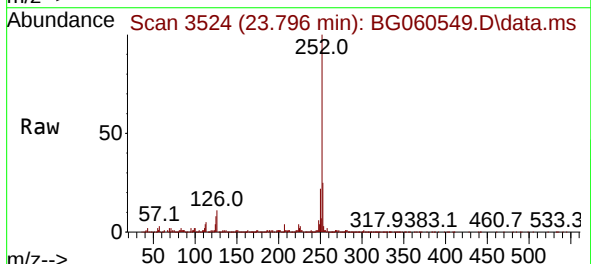
Tgt Ion:252 Resp: 116263
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 8.8 8.1 12.1

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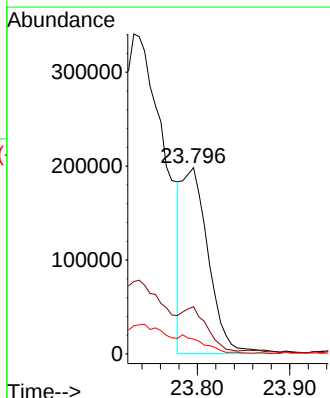
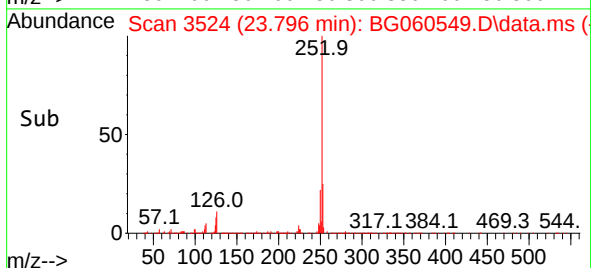
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

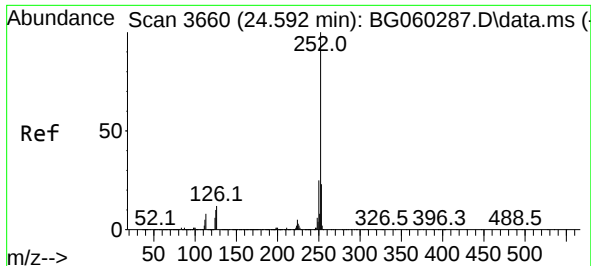


#89
Benzo(k)fluoranthene
Concen: 7.406 ng m
RT: 23.796 min Scan# 3524
Delta R.T. -0.009 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44



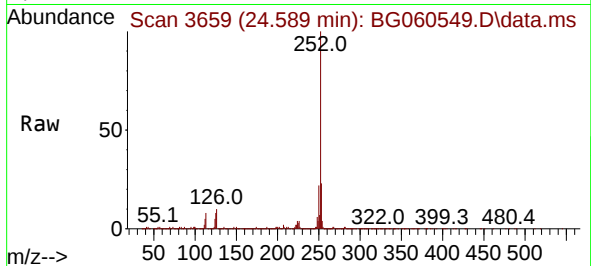
Tgt Ion:252 Resp: 400066
Ion Ratio Lower Upper
252 100
253 25.3 19.6 29.4
125 8.0 8.2 12.2#





#90
Benzo(a)pyrene
Concen: 15.784 ng
RT: 24.589 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44

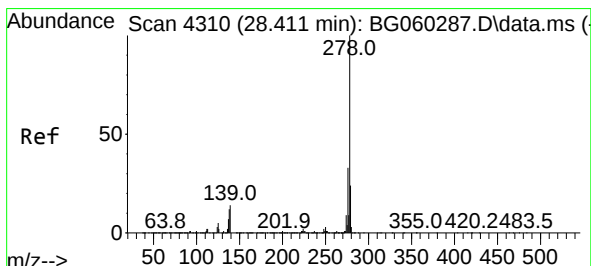
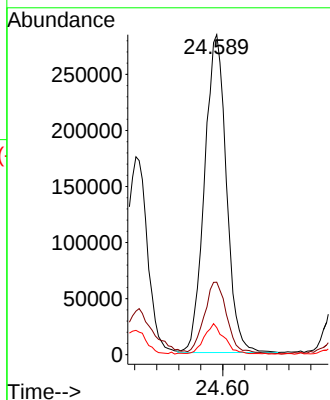
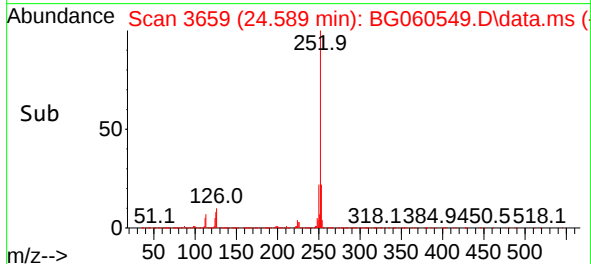
Instrument :
BNA_G
ClientSampleId :
BRIGHTON-WEST-8TH-STREET



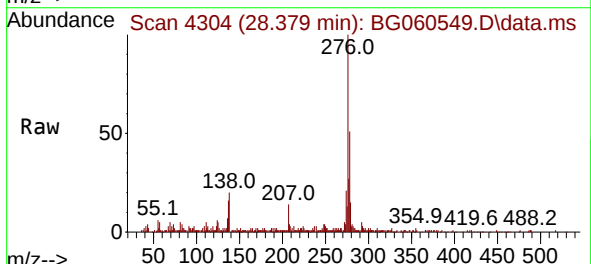
Tgt Ion:252 Resp: 78054
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 8.4 8.1 12.1

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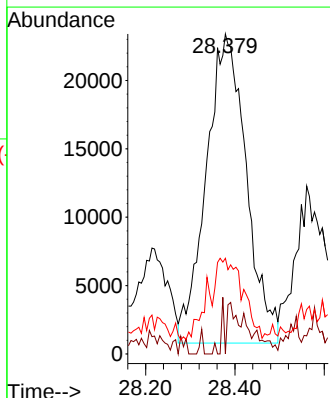
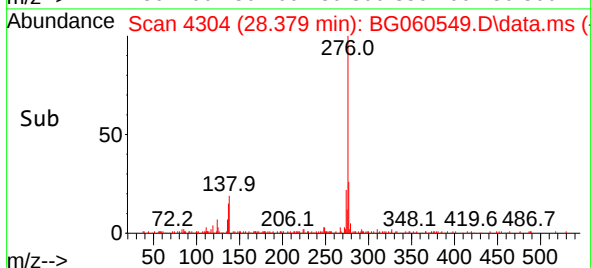
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

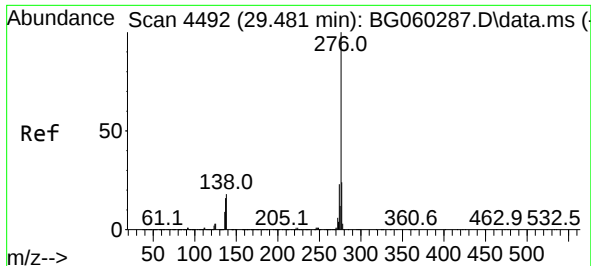


#91
Dibenzo(a,h)anthracene
Concen: 2.673 ng m
RT: 28.379 min Scan# 4304
Delta R.T. -0.033 min
Lab File: BG060549.D
Acq: 2 Feb 2024 1:44



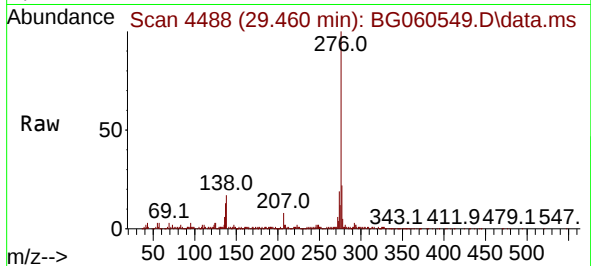
Tgt Ion:278 Resp: 140678
Ion Ratio Lower Upper
278 100
139 0.0 10.9 16.3#
279 29.9 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 8.655 ng
 RT: 29.460 min Scan# 44
 Delta R.T. -0.021 min
 Lab File: BG060549.D
 Acq: 2 Feb 2024 1:44

Instrument :
 BNA_G
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET



Tgt Ion:276 Resp: 466740
 Ion Ratio Lower Upper
 276 100
 277 22.4 19.4 29.0
 138 16.5 14.2 21.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

