

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051101.D
 Acq On : 17 Nov 2021 21:06
 Operator : CG/JU
 Sample : M4700-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IMPOUND-LOT-SP-JC-11-15-21

Quant Time: Nov 18 00:04:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
 Supervised By :mohammad ahmed 11/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	36489	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	158889	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	97951	20.000	ng	0.00
64) Phenanthrene-d10	17.604	188	185849	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	156273	20.000	ng	# 0.00
86) Perylene-d12	25.342	264	138675	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	96391	39.516	ng	0.00
7) Phenol-d6	7.380	99	132946	38.615	ng	0.00
23) Nitrobenzene-d5	9.407	82	91006	25.354	ng	0.00
42) 2,4,6-Tribromophenol	16.346	330	36976	37.722	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	180039	29.042	ng	0.00
79) Terphenyl-d14	20.189	244	213026	24.943	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.645	178	237279	23.935	ng	97
72) Anthracene	17.739	178	47752	4.843	ng	97
75) Fluoranthene	19.648	202	425986	35.026	ng	97
78) Pyrene	20.013	202	425803	36.320	ng	97
81) Benzo(a)anthracene	21.893	228	220998	20.595	ng	98
83) Chrysene	21.963	228	218219m	21.558	ng	
84) Bis(2-ethylhexyl)phtha...	21.746	149	23576	3.323	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.284	276	85781m	8.715	ng	
88) Benzo(b)fluoranthene	24.249	252	255609	29.283	ng	# 83
89) Benzo(k)fluoranthene	24.307	252	84948m	9.757	ng	
90) Benzo(a)pyrene	25.183	252	170345	22.858	ng	# 87
91) Dibenzo(a,h)anthracene	29.343	278	22103m	2.727	ng	
92) Benzo(g,h,i)perylene	30.535	276	84133m	10.549	ng	

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

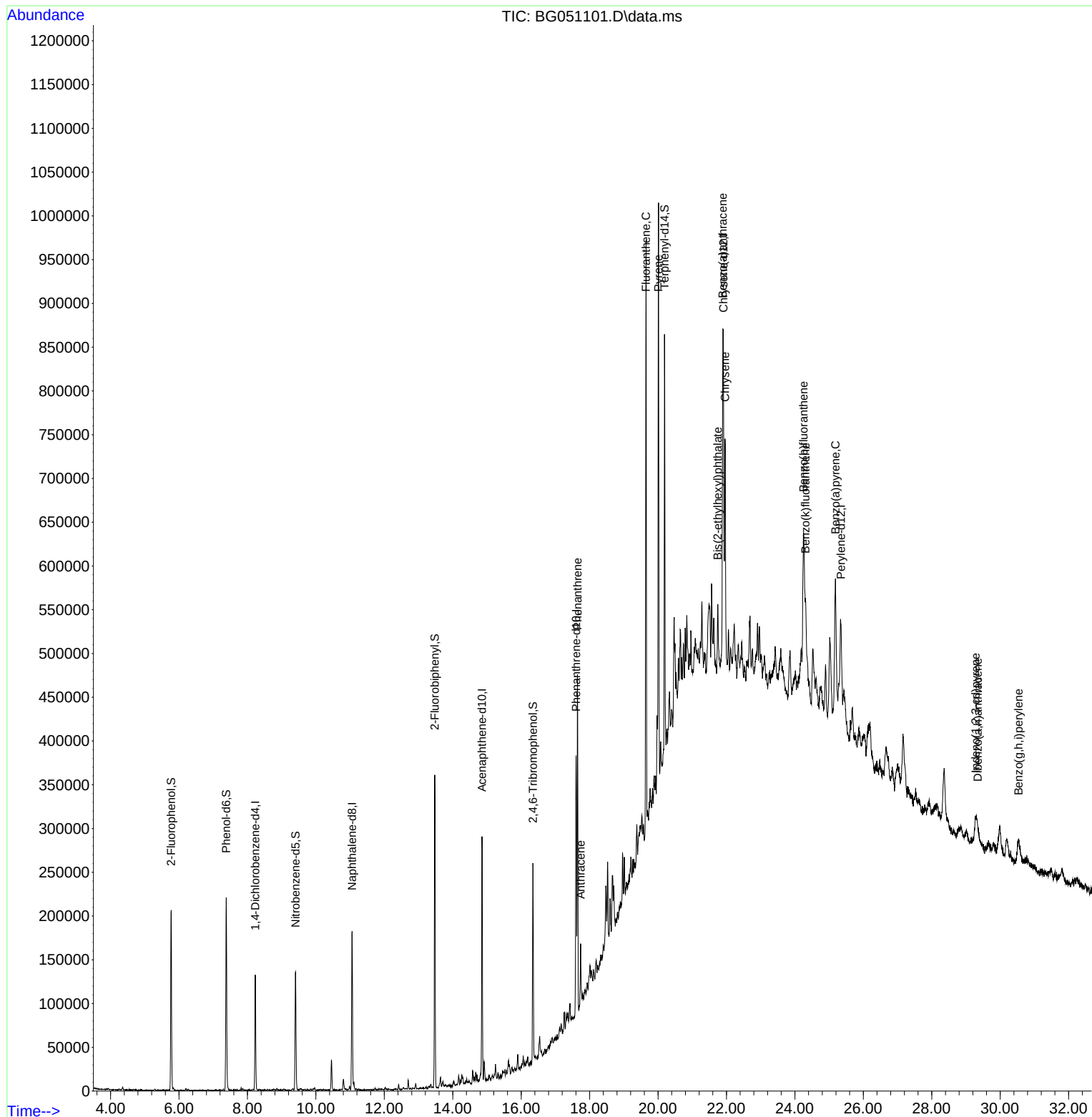
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Data File : BG051101.D
Acq On : 17 Nov 2021 21:06
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

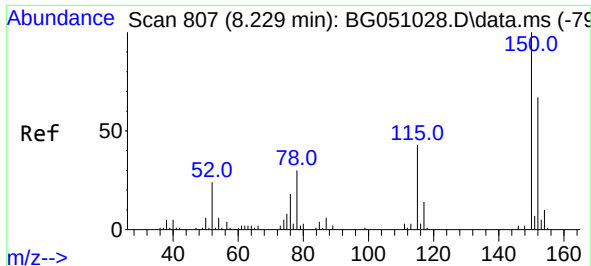
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Quant Time: Nov 18 00:04:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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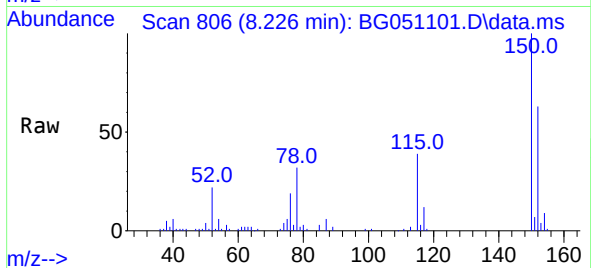
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Supervised By :mohammad ahmed 11/24/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

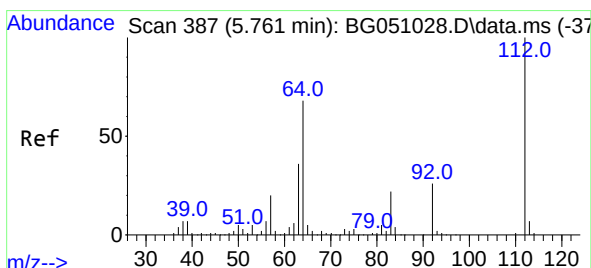
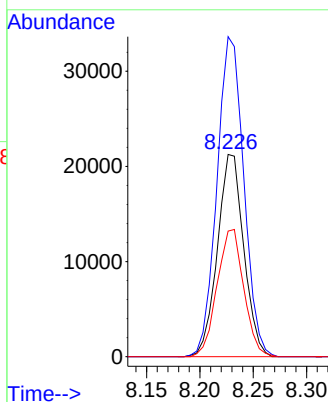
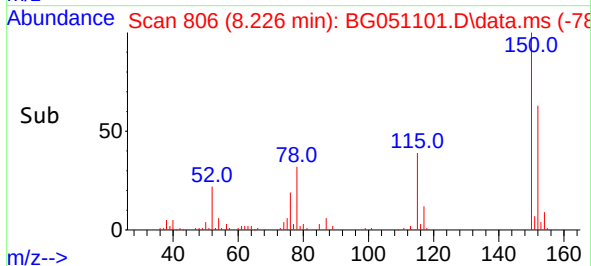
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BNA_G
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



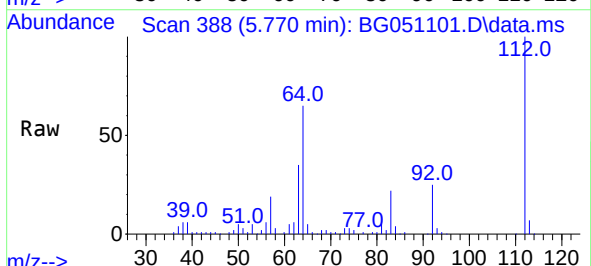
Tgt Ion:152 Resp: 36489
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 62.1 60.2 90.4

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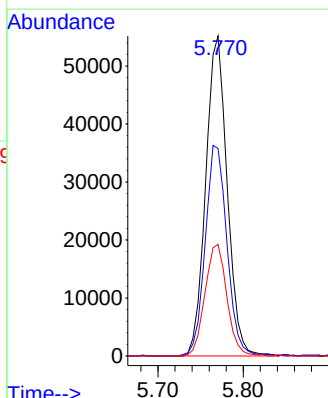
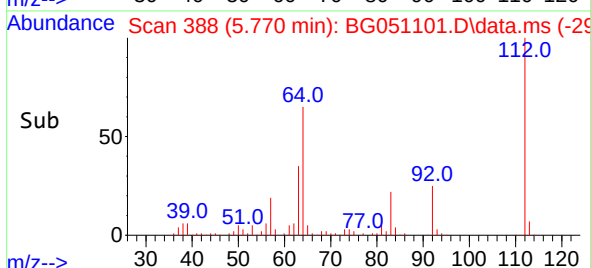
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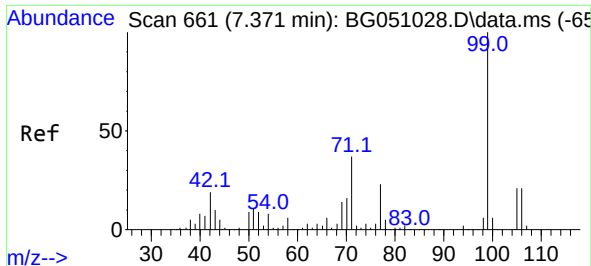


#5
2-Fluorophenol
Concen: 39.516 ng
RT: 5.770 min Scan# 388
Delta R.T. 0.009 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



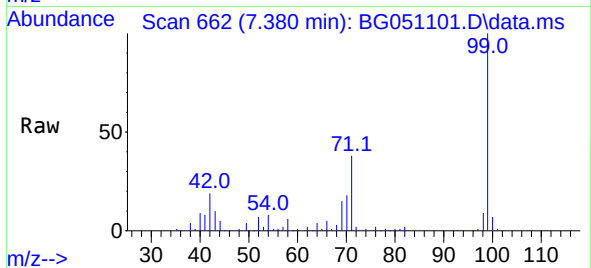
Tgt Ion:112 Resp: 96391
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 34.9 35.3 52.9#





#7
Phenol-d6
Concen: 38.615 ng
RT: 7.380 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

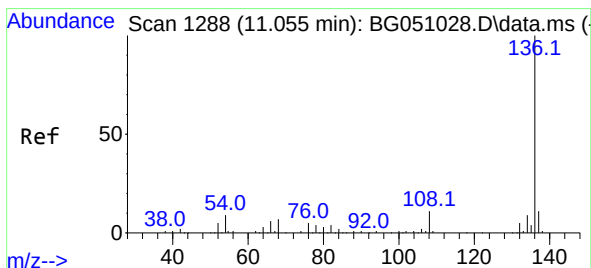
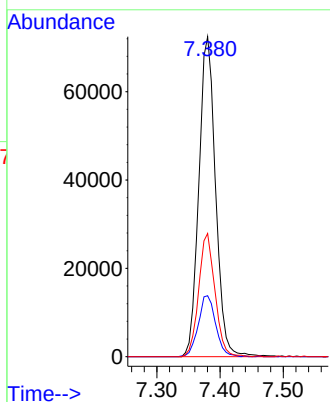
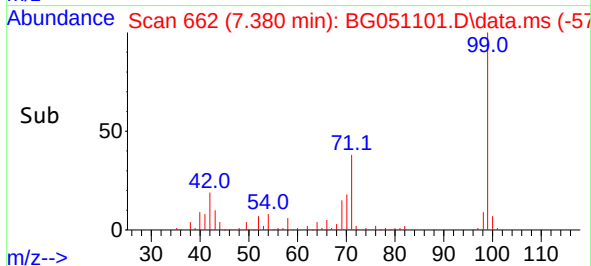
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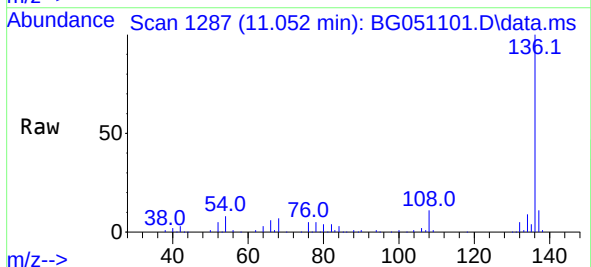
Tgt Ion: 99 Resp: 132940
Ion Ratio Lower Upper
99 100
42 19.1 20.5 30.7
71 38.5 41.5 62.3

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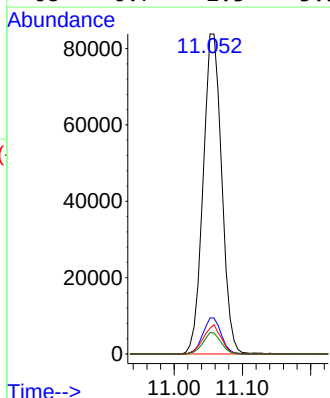
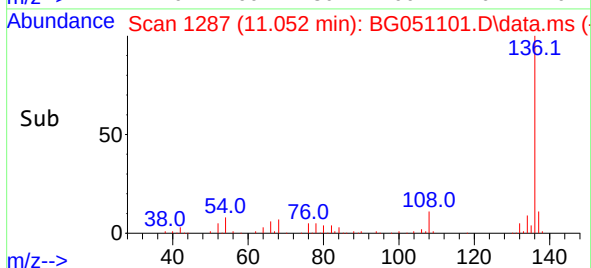
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Supervised By :mohammad ahmed 11/24/2021

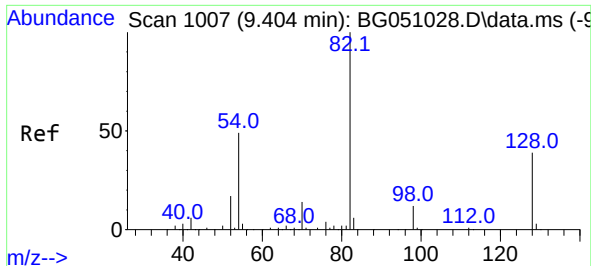


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1287
Delta R.T. -0.002 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



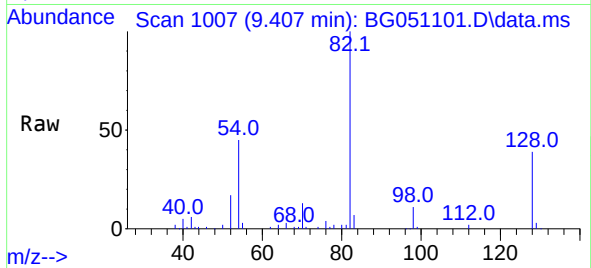
Tgt Ion:136 Resp: 158889
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.0 5.5 8.3
68 6.7 2.3 3.5





#23
Nitrobenzene-d5
Concen: 25.354 ng
RT: 9.407 min Scan# 1007
Delta R.T. 0.003 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

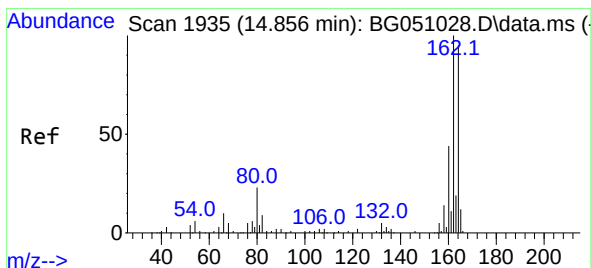
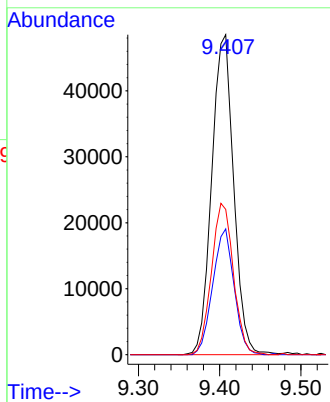
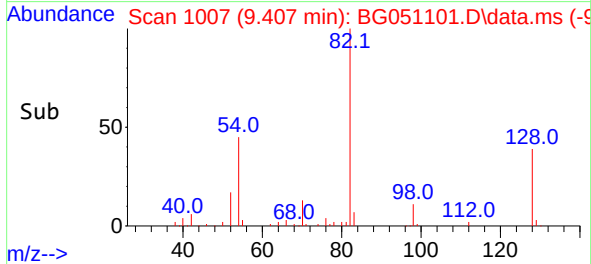
Instrument :
BNA_G
ClientSampleId :
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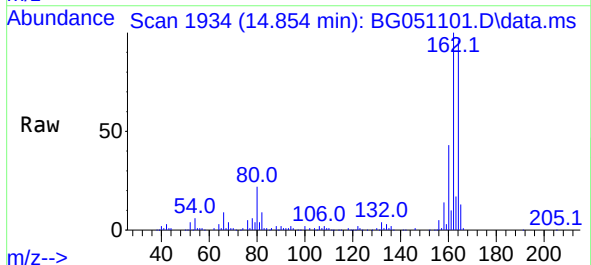
Tgt Ion: 82 Resp: 91000
Ion Ratio Lower Upper
82 100
128 39.3 29.8 44.6
54 45.4 45.8 68.8

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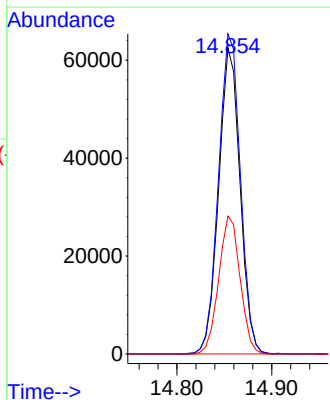
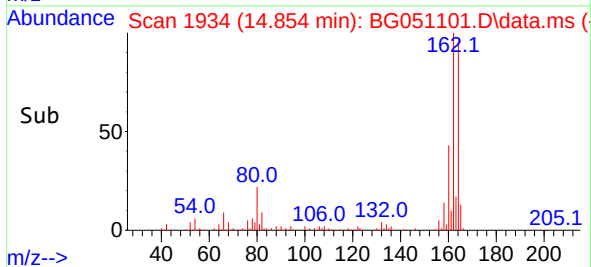
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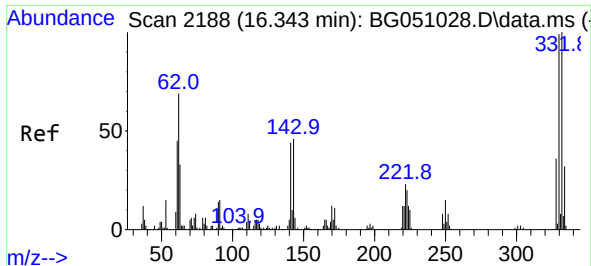


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



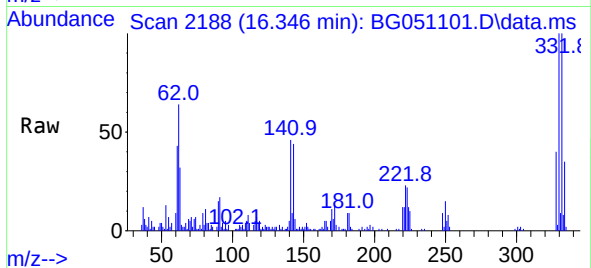
Tgt Ion:164 Resp: 97951
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 45.1 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 37.722 ng
RT: 16.346 min Scan# 2188
Delta R.T. 0.003 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

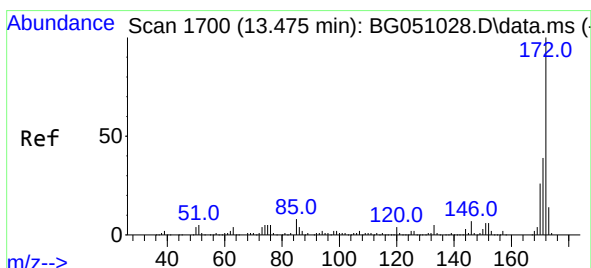
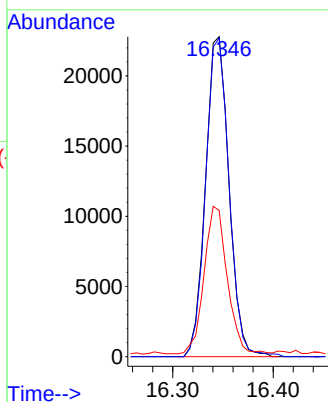
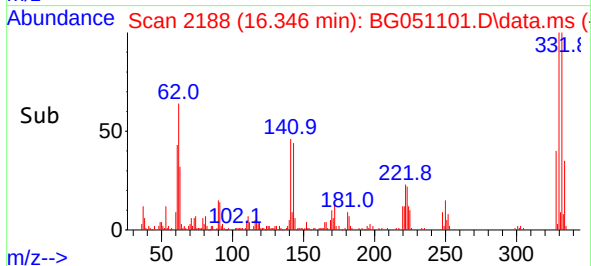
Instrument :
BNA_G
ClientSampleId :
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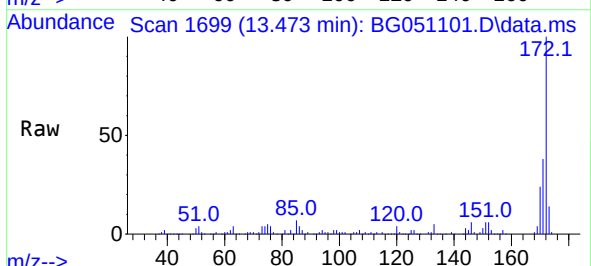
Tgt Ion:330 Resp: 36970
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 45.5 35.6 53.4

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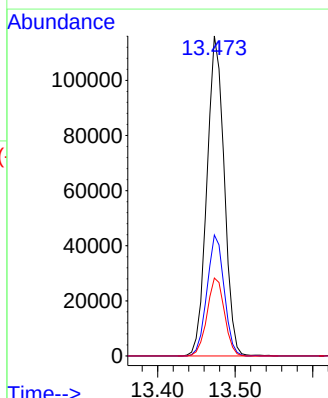
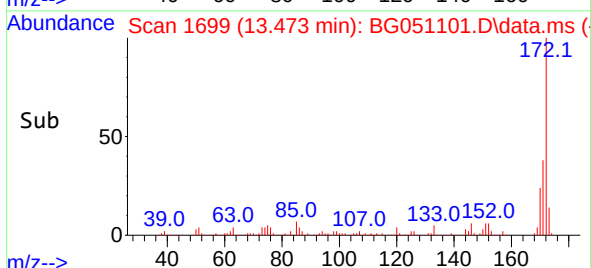
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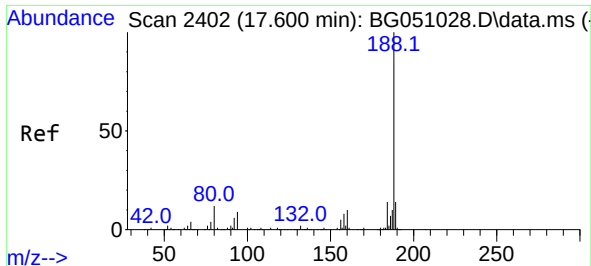


#45
2-Fluorobiphenyl
Concen: 29.042 ng
RT: 13.473 min Scan# 1699
Delta R.T. -0.002 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



Tgt Ion:172 Resp: 180039
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.3 18.6 27.8





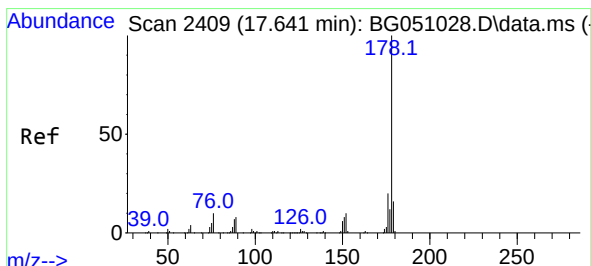
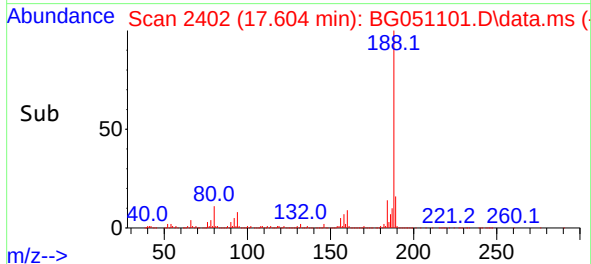
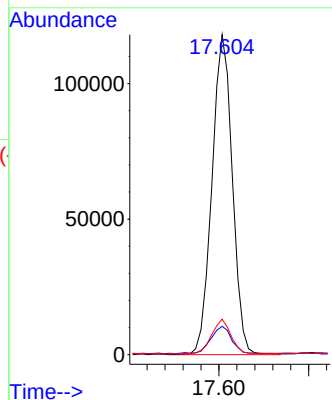
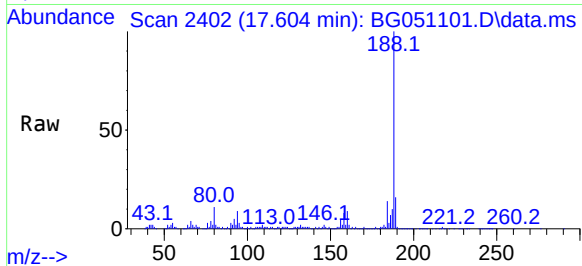
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.604 min Scan# 2402
Delta R.T. 0.004 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

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ClientSampleId :
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Tgt Ion:188 Resp: 185849
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0
80 11.1 3.7 5.5

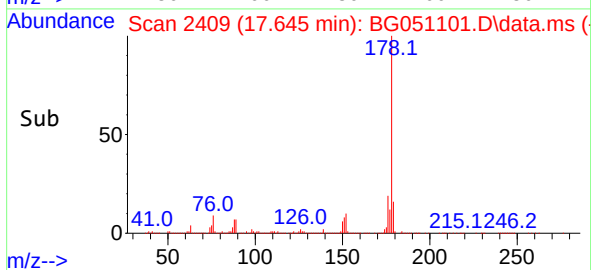
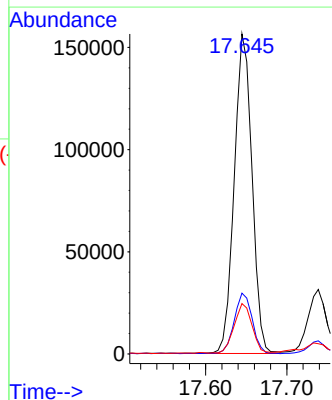
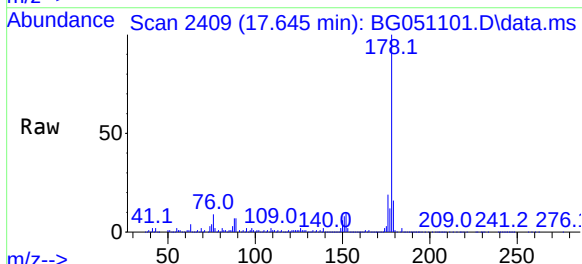
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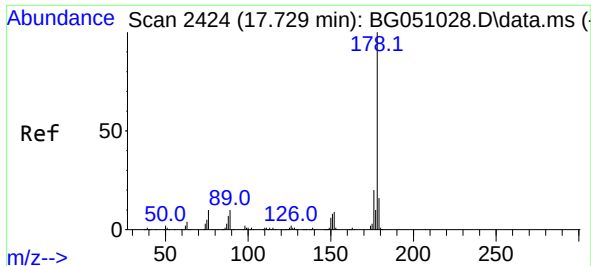
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#71
Phenanthrene
Concen: 23.935 ng
RT: 17.645 min Scan# 2409
Delta R.T. 0.004 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

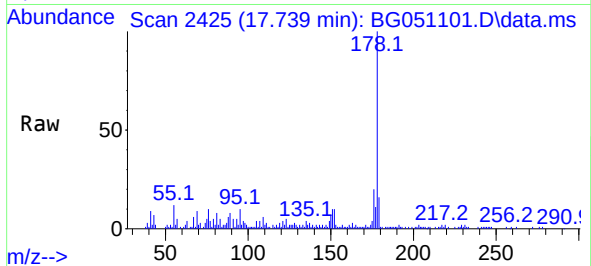
Tgt Ion:178 Resp: 237279
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.7 14.2 21.4





#72
 Anthracene
 Concen: 4.843 ng
 RT: 17.739 min Scan# 2424
 Delta R.T. 0.010 min
 Lab File: BG051101.D
 Acq: 17 Nov 2021 21:06

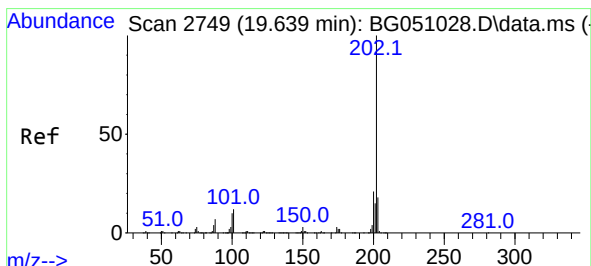
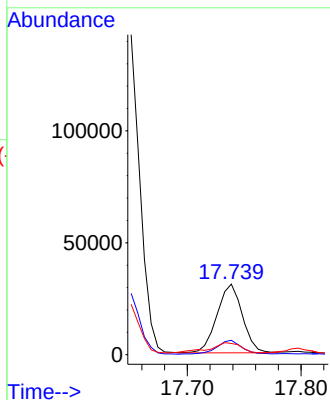
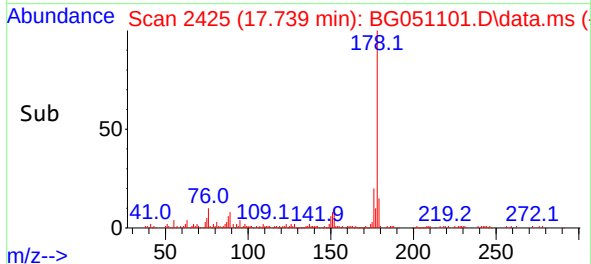
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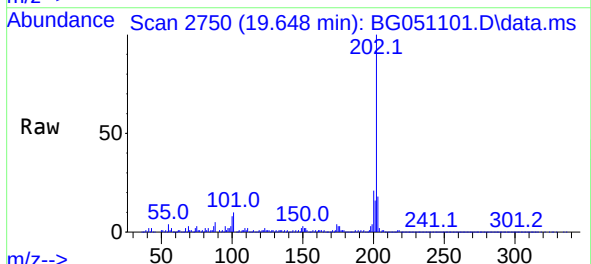
Tgt Ion:178 Resp: 47752
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.6 21.8
 179 15.9 13.4 20.0

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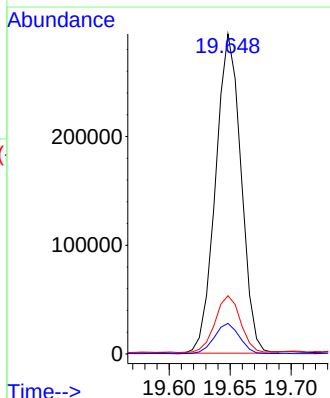
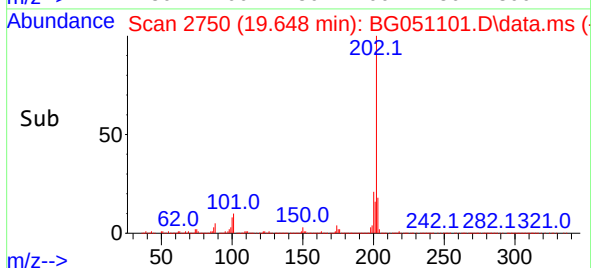
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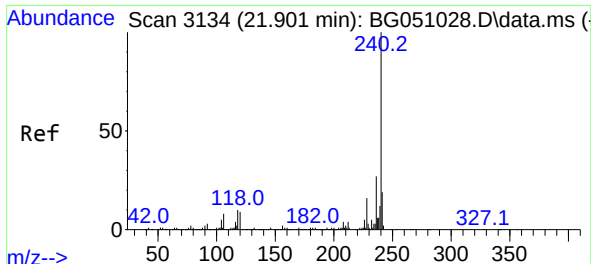


#75
 Fluoranthene
 Concen: 35.026 ng
 RT: 19.648 min Scan# 2750
 Delta R.T. 0.009 min
 Lab File: BG051101.D
 Acq: 17 Nov 2021 21:06



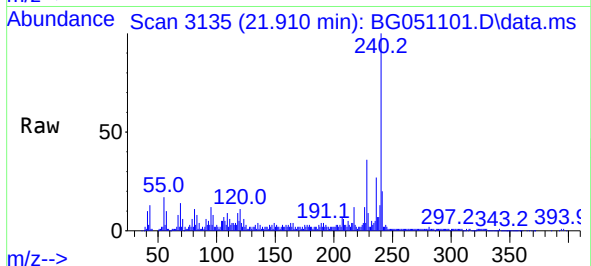
Tgt Ion:202 Resp: 425986
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 24.7
 203 18.2 0.0 38.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3134
Delta R.T. 0.010 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

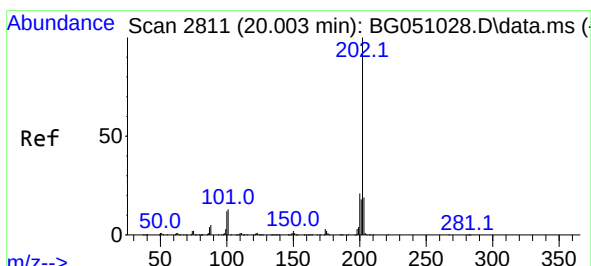
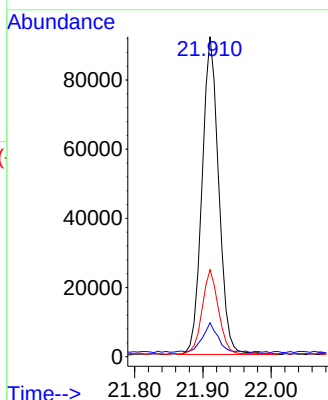
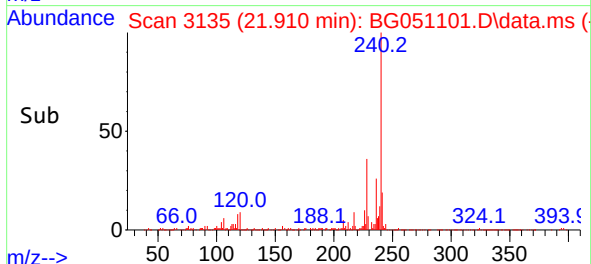
Instrument :
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Tgt Ion:240 Resp: 156273
Ion Ratio Lower Upper
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236 27.1 21.8 32.6

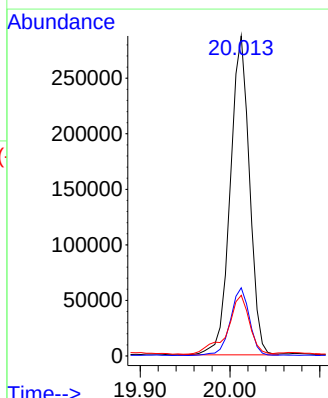
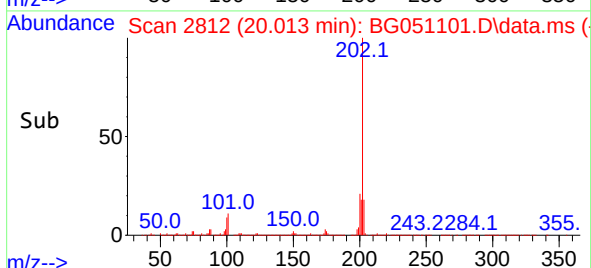
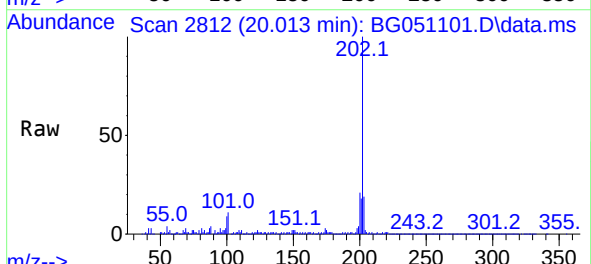
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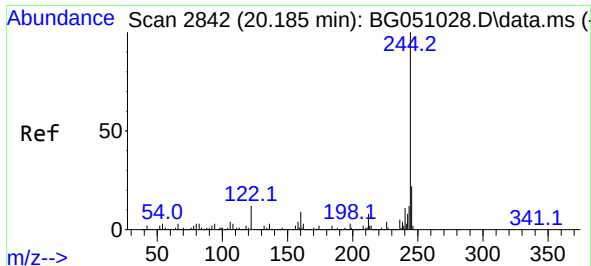
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#78
Pyrene
Concen: 36.320 ng
RT: 20.013 min Scan# 2812
Delta R.T. 0.010 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

Tgt Ion:202 Resp: 425803
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 19.0 14.6 21.8





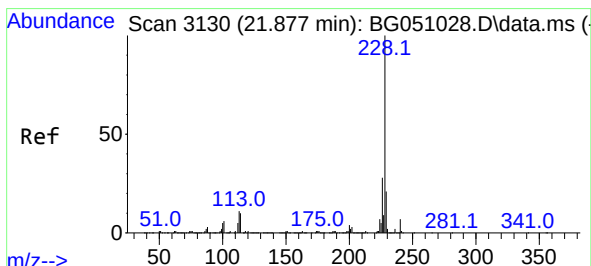
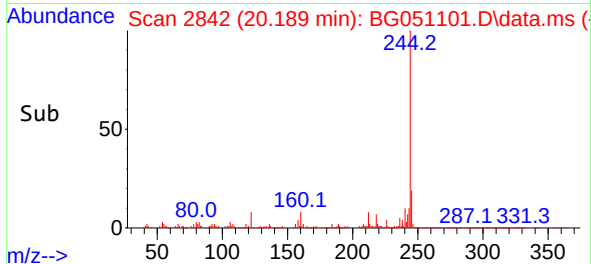
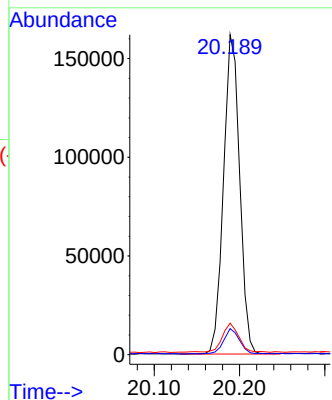
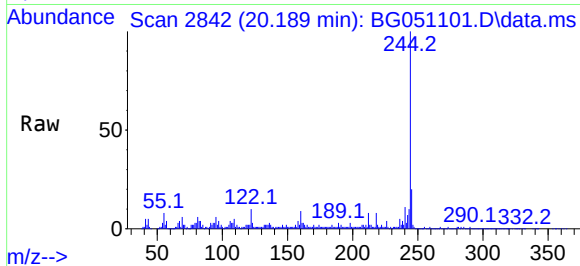
#79
 Terphenyl-d14
 Concen: 24.943 ng
 RT: 20.189 min Scan# 213020
 Delta R.T. 0.004 min
 Lab File: BG051101.D
 Acq: 17 Nov 2021 21:06

Instrument :
 BNA_G
 ClientSampleId :
 IMPOUND-LOT-SP-JC-11-15-21

Tgt Ion:244 Resp: 213020
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 9.8 5.0 7.6

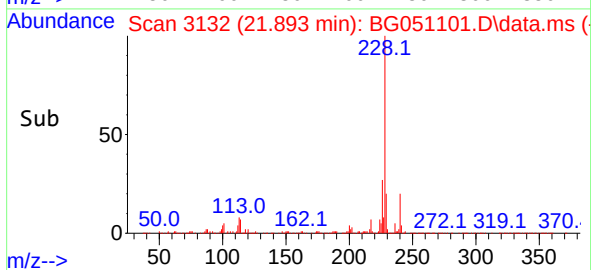
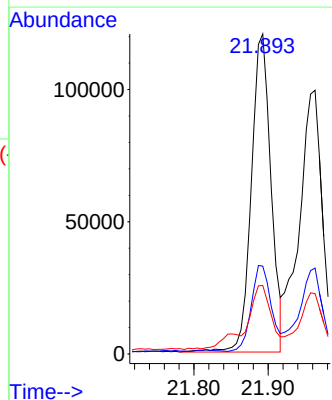
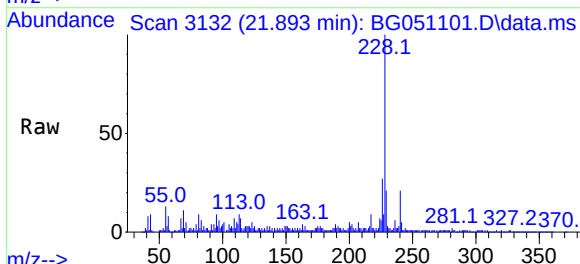
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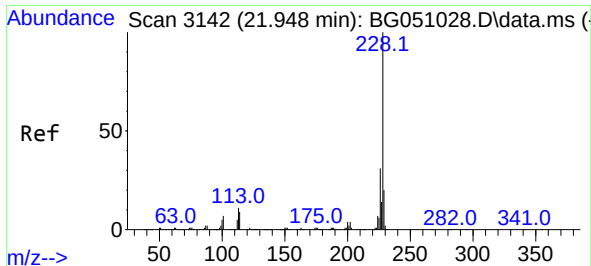
Reviewed By :Jagrut Upadhyay 11/18/2021
 Supervised By :mohammad ahmed 11/24/2021



#81
 Benzo(a)anthracene
 Concen: 20.595 ng
 RT: 21.893 min Scan# 3132
 Delta R.T. 0.015 min
 Lab File: BG051101.D
 Acq: 17 Nov 2021 21:06

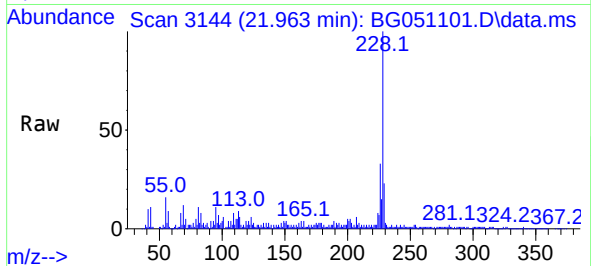
Tgt Ion:228 Resp: 220998
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.7 34.1
 229 21.4 16.0 24.0





#83
Chrysene
Concen: 21.558 ng m
RT: 21.963 min Scan# 3142
Delta R.T. 0.015 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

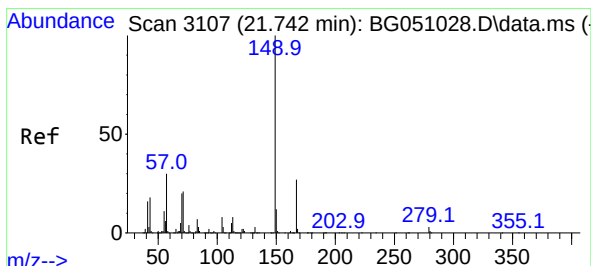
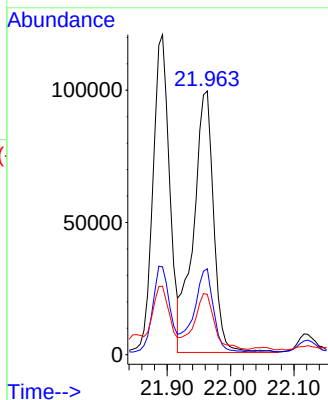
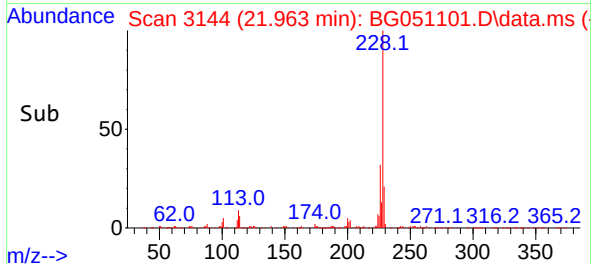
Instrument :
BNA_G
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



Tgt Ion:228 Resp: 218219
Ion Ratio Lower Upper
228 100
226 32.6 23.1 34.7
229 22.9 15.3 22.9

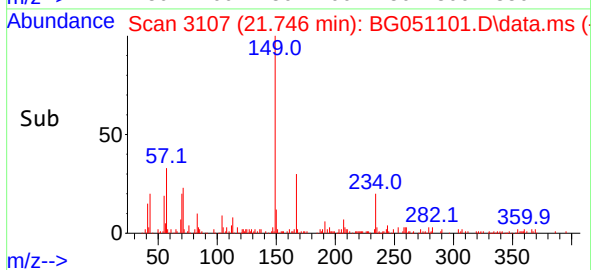
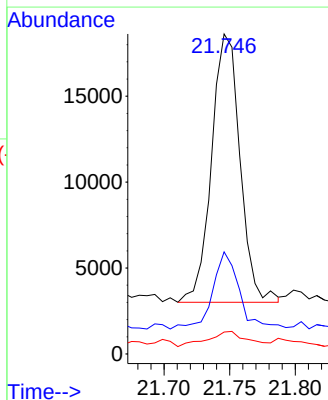
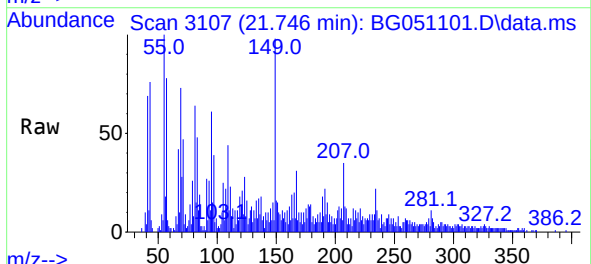
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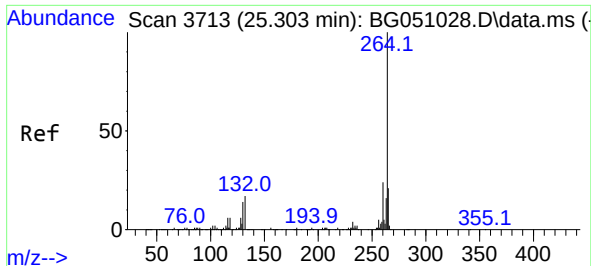
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/24/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.323 ng
RT: 21.746 min Scan# 3107
Delta R.T. 0.004 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

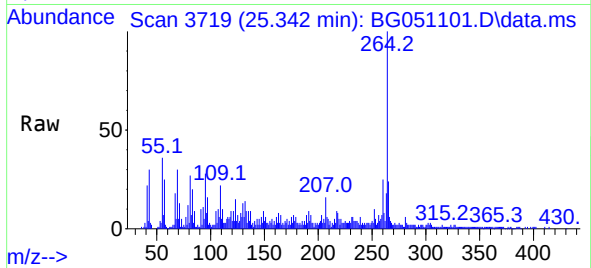
Tgt Ion:149 Resp: 23576
Ion Ratio Lower Upper
149 100
167 31.9 22.3 33.5
279 6.8 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 31
Delta R.T. 0.039 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

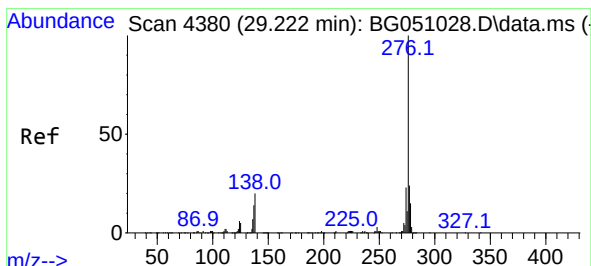
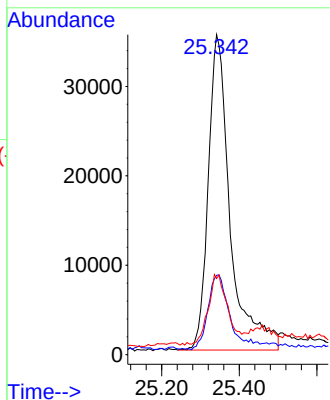
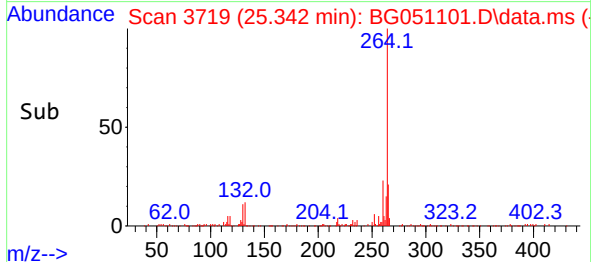
Instrument :
BNA_G
ClientSampleId :
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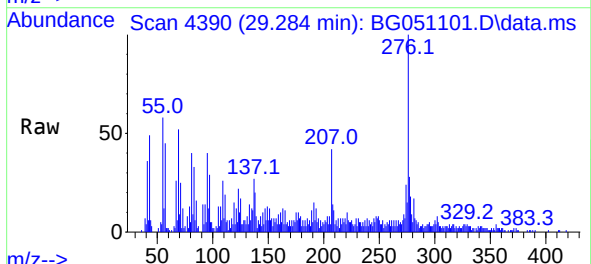
Tgt Ion:264 Resp: 13867
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 23.8 16.9 25.3

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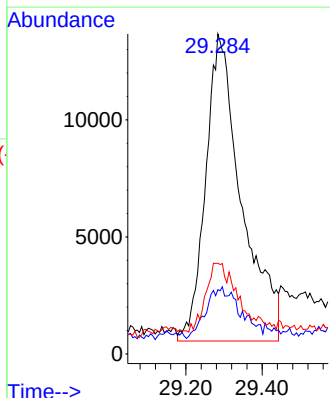
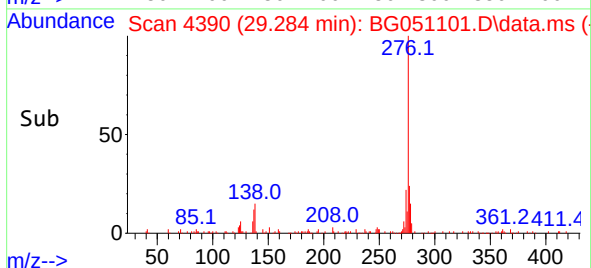
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/24/2021

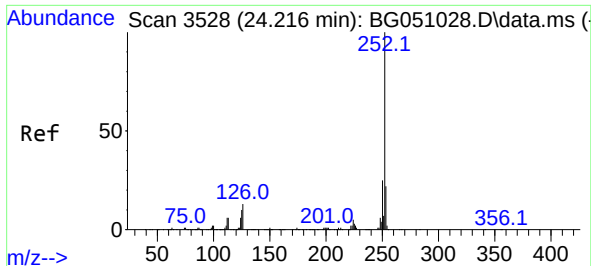


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.715 ng m
RT: 29.284 min Scan# 4390
Delta R.T. 0.062 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



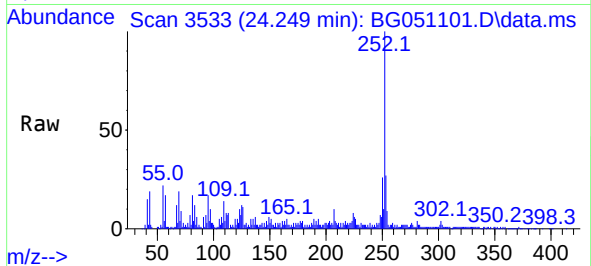
Tgt Ion:276 Resp: 85781
Ion Ratio Lower Upper
276 100
138 5.2 5.1 7.7
277 12.3 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 29.283 ng
RT: 24.249 min Scan# 3533
Delta R.T. 0.033 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

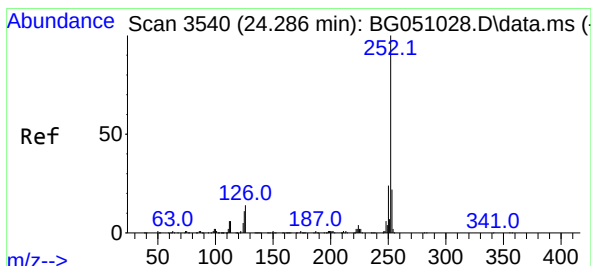
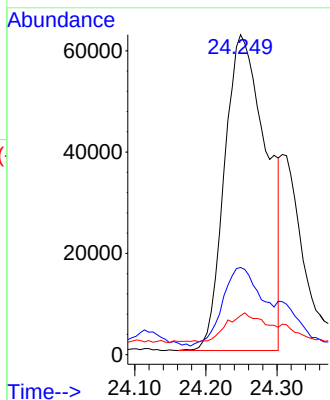
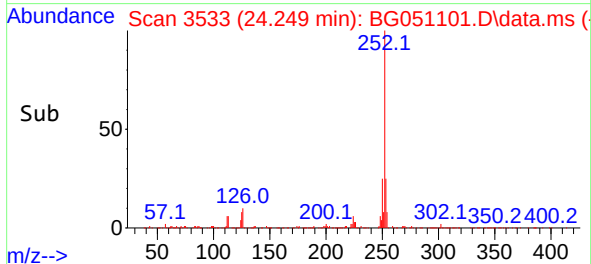
Instrument :
BNA_G
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



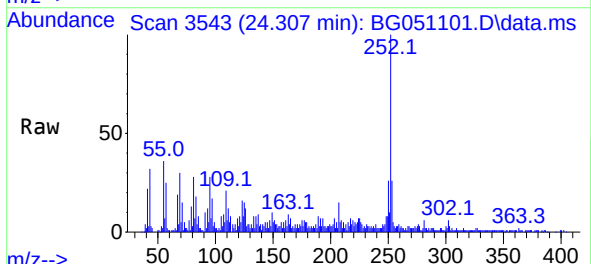
Tgt Ion:252 Resp: 255609
Ion Ratio Lower Upper
252 100
253 27.3 16.2 24.4
125 12.2 3.0 4.4

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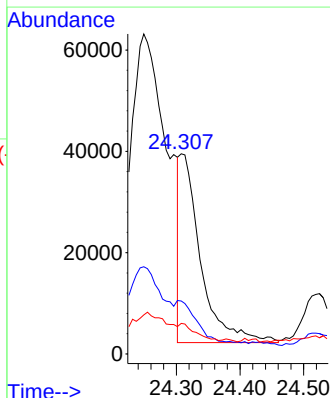
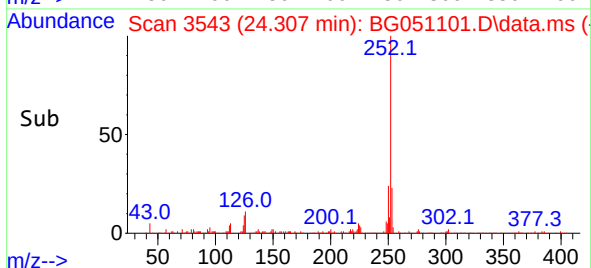
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/24/2021

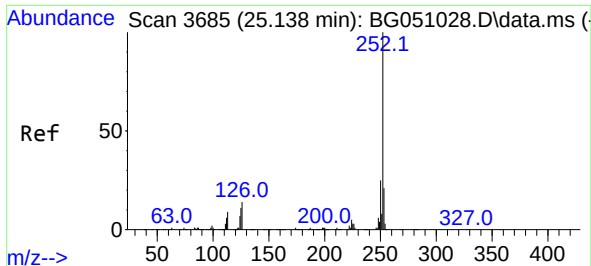


#89
Benzo(k)fluoranthene
Concen: 9.757 ng m
RT: 24.307 min Scan# 3543
Delta R.T. 0.021 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06



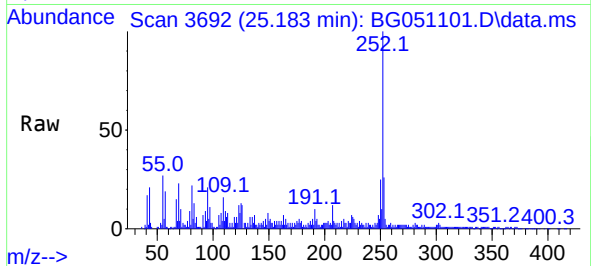
Tgt Ion:252 Resp: 84948
Ion Ratio Lower Upper
252 100
253 26.4 18.0 27.0
125 15.2 3.1 4.7





#90
Benzo(a)pyrene
Concen: 22.858 ng
RT: 25.183 min Scan# 30
Delta R.T. 0.045 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

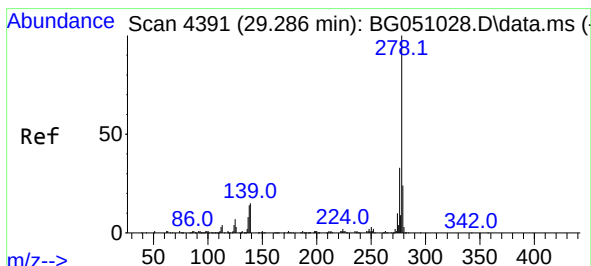
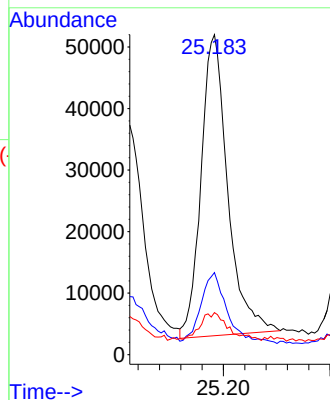
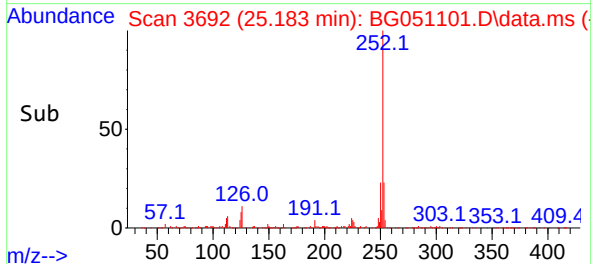
Instrument :
BNA_G
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



Tgt Ion:252 Resp: 17034
Ion Ratio Lower Upper
252 100
253 25.7 16.6 25.0#
125 13.1 3.5 5.3#

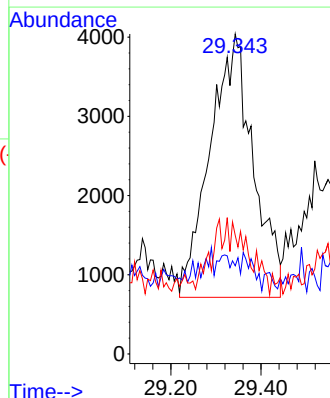
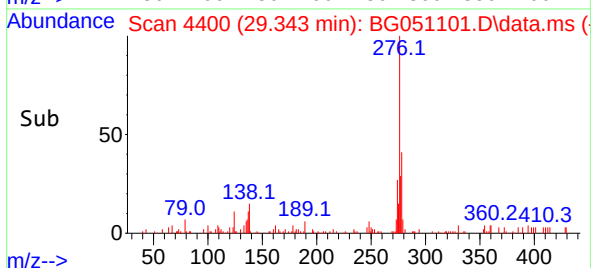
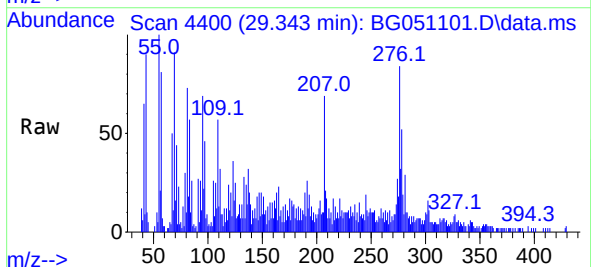
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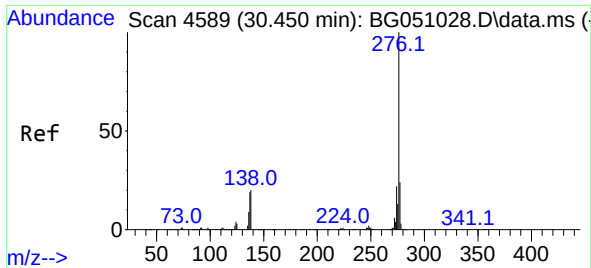
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/24/2021



#91
Dibenzo(a,h)anthracene
Concen: 2.727 ng m
RT: 29.343 min Scan# 4400
Delta R.T. 0.057 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

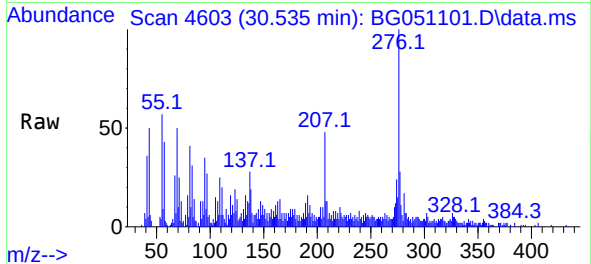
Tgt Ion:278 Resp: 22103
Ion Ratio Lower Upper
278 100
139 27.6 4.6 6.8#
279 37.0 17.9 26.9#





#92
Benzo(g,h,i)perylene
Concen: 10.549 ng m
RT: 30.535 min Scan# 40
Delta R.T. 0.086 min
Lab File: BG051101.D
Acq: 17 Nov 2021 21:06

Instrument :
BNA_G
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



Tgt Ion:276 Resp: 8413
Ion Ratio Lower Upper
276 100
277 27.7 18.4 27.6
138 18.5 7.0 10.6

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Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/24/2021

