

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051988.D
 Acq On : 14 Jan 2022 23:01
 Operator : CG/JU
 Sample : N1100-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8DL

Quant Time: Jan 17 03:15:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

01/17/2022
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	24668	20.000	ng/u1	0.00
20) Naphthalene-d8	11.102	136	110665	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.897	164	80021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.646	188	161275	20.000	ng/u1	0.00
79) Chrysene-d12	21.970	240	154443	20.000	ng/u1	# 0.01
88) Perylene-d12	25.477	264	163240	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	140	0.203	ng/uL	-0.01
4) Pyridine-d5	4.035	84	1601m	0.746	ng/u1	0.03
7) Phenol-d5	7.383	99	5425	2.247	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.571	67	7927	5.172	ng/u1	0.01
11) 2-Chlorophenol-d4	7.777	132	3147	1.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	17277m	9.205	ng/u1	-0.04
21) Nitrobenzene-d5	9.457	128	3437m	3.930	ng/u1	0.04
24) 2-Nitrophenol-d4	10.156	143	2000	2.068	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.708	165	4523m	2.393	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	50832	19.309	ng/u1	0.00
46) Dimethylphthalate-d6	14.280	166	14264	2.157	ng/u1	0.00
49) Acenaphthylene-d8	14.591	160	17002	2.128	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.890	176	12912	2.239	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.984	200	1430	1.406	ng/u1	0.00
73) Anthracene-d10	17.746	188	19383	2.534	ng/u1	0.00
81) Pyrene-d10	20.025	212	20377	2.293	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.230	264	19037	2.215	ng/u1	0.04
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.291	107	9790m	4.245	ng/u1	
30) Naphthalene	11.190	128	7763334	1294.590	ng/u1#	64
36) 2-Methylnaphthalene	12.747	142	1472093	344.626	ng/u1	99
37) 1-Methylnaphthalene	12.958	142	641646	146.366	ng/u1	97
43) 1,1'-Biphenyl	13.728	154	243727	39.453	ng/u1	94
50) Acenaphthylene	14.621	152	19504	2.479	ng/u1#	57
52) Acenaphthene	14.961	153	158697	30.337	ng/u1	95
56) Dibenzofuran	15.290	168	191326	25.183	ng/u1	93
61) Fluorene	15.942	166	106219	16.778	ng/u1	98
72) Phenanthrene	17.693	178	186294	22.045	ng/u1#	96
74) Anthracene	17.781	178	28510m	3.370	ng/u1	
77) Carbazole	18.045	167	10228	1.342	ng/u1#	25
80) Fluoranthene	19.690	202	49239	4.794	ng/u1#	95
82) Pyrene	20.054	202	47088	4.656	ng/u1#	96
83) Butylbenzylphthalate	20.924	149	379686	107.880	ng/u1	93
85) Benzo(a)anthracene	21.946	228	11855	1.167	ng/u1#	81
86) Bis(2-ethylhexyl)phtha...	21.876	149	7723225m	1500.483	ng/u1	
87) Chrysene	22.017	228	13146	1.344	ng/u1#	79
89) Di-n-octyl phthalate	23.144	149	637893	70.740	ng/u1	100

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

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Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

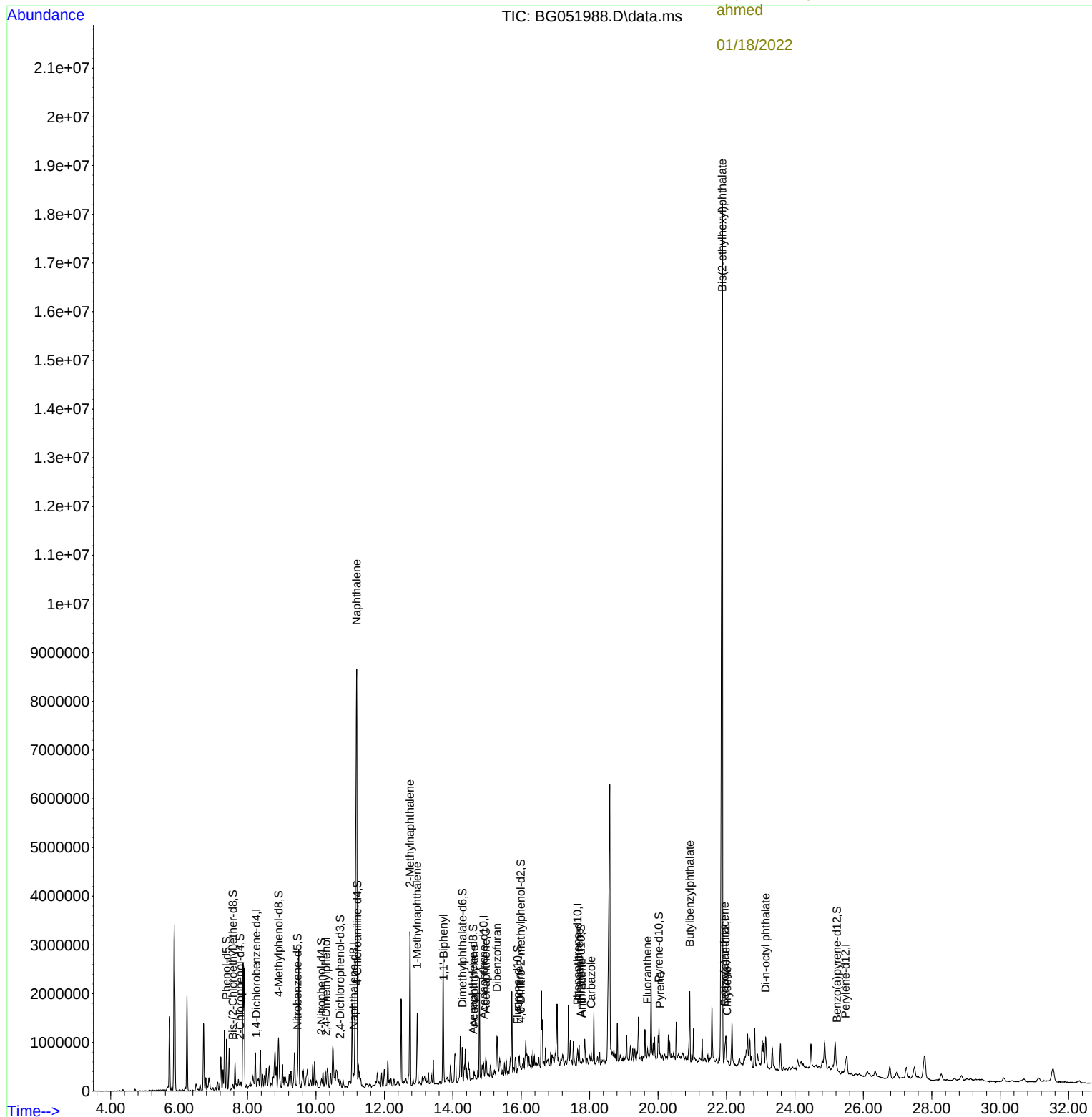
Manual Integrations**APPROVED**

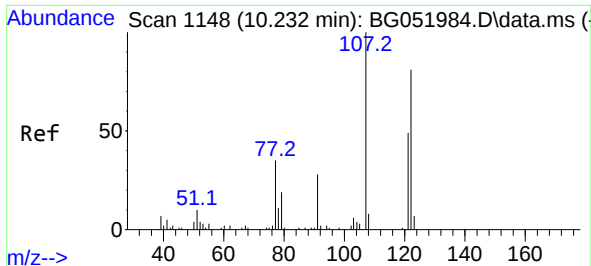
Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

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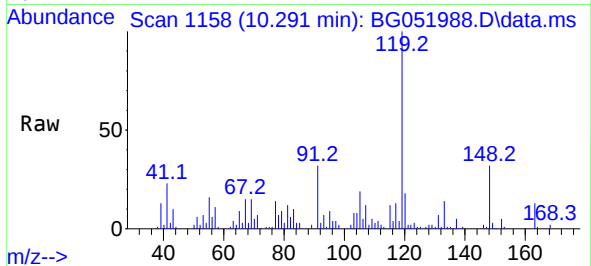
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#26
2,4-Dimethylphenol
Concen: 4.245 ng/ul m
RT: 10.291 min Scan# 1148
Delta R.T. 0.059 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL



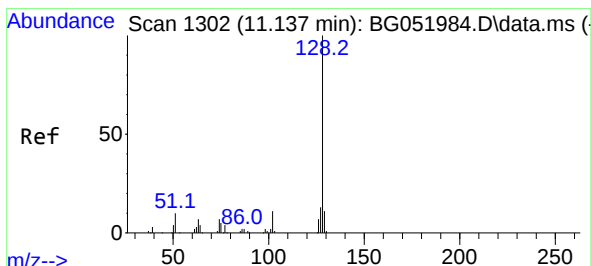
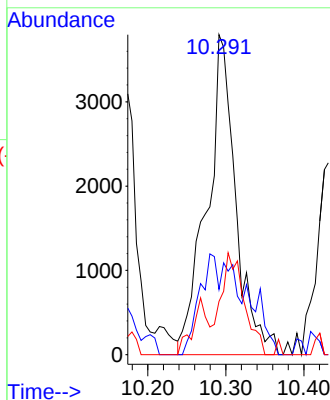
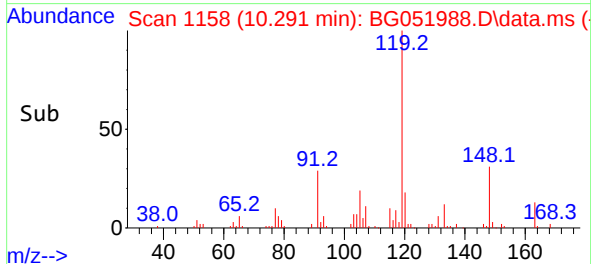
Tgt Ion:107 Resp: 9790
Ion Ratio Lower Upper
107 100
121 20.4 39.3 58.9#
122 16.6 63.7 95.5#

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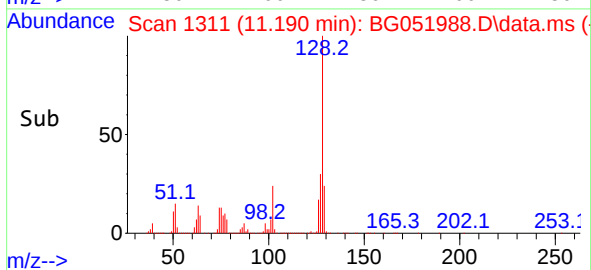
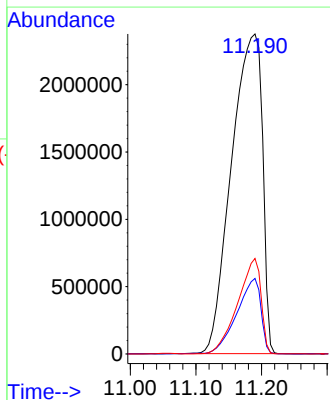
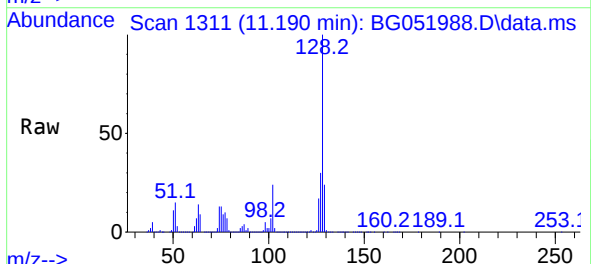
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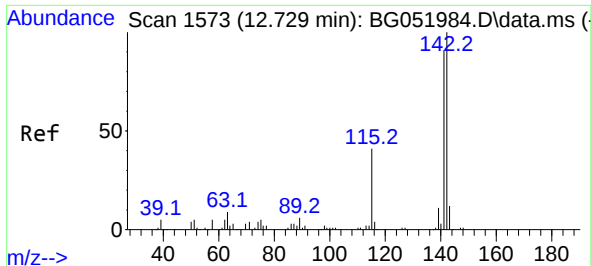
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#30
Naphthalene
Concen: 1294.590 ng/ul
RT: 11.190 min Scan# 1311
Delta R.T. 0.047 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

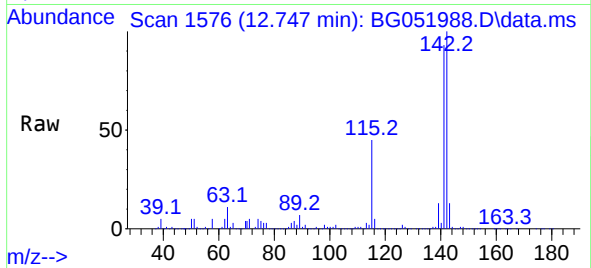
Tgt Ion:128 Resp: 7763334
Ion Ratio Lower Upper
128 100
129 23.6 8.5 12.7#
127 29.8 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 344.626 ng/ul
RT: 12.747 min Scan# 1576
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

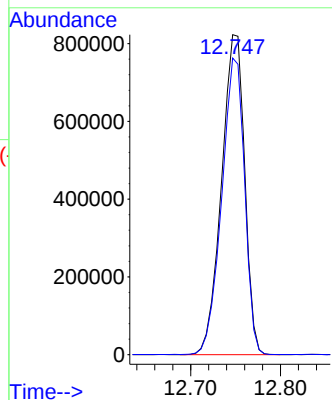
Instrument :
BNA_G
ClientSampleId :
BGLS8DL



Tgt Ion:142 Resp: 147209
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9

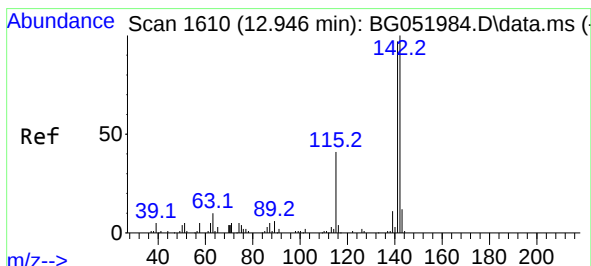
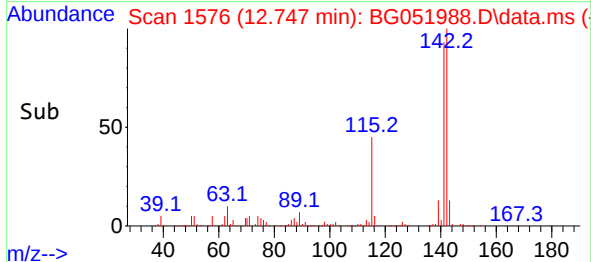
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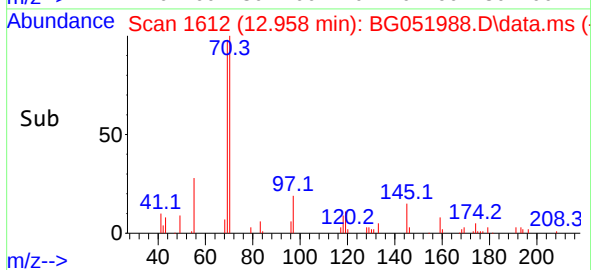
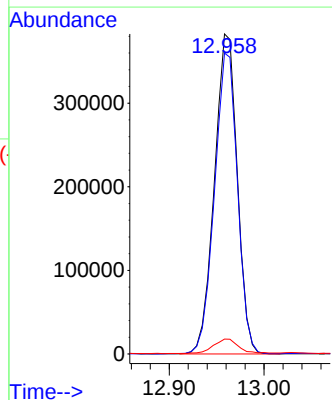
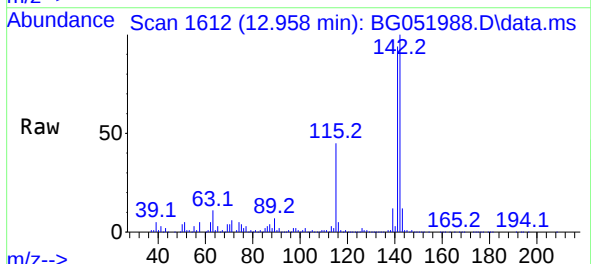
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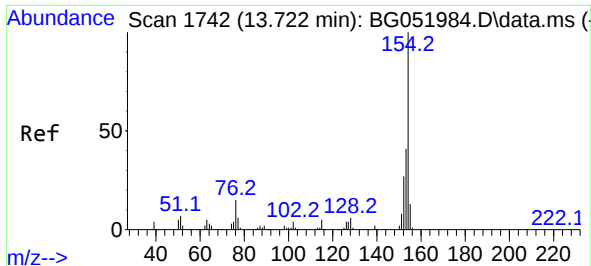
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#37
1-Methylnaphthalene
Concen: 146.366 ng/ul
RT: 12.958 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

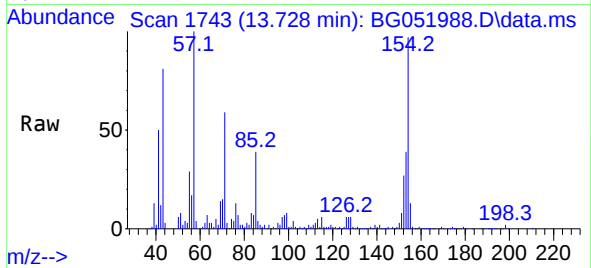
Tgt Ion:142 Resp: 641646
Ion Ratio Lower Upper
142 100
141 94.0 77.8 116.8
116 4.7 3.3 4.9





#43
1,1'-Biphenyl
Concen: 39.453 ng/u1
RT: 13.728 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL



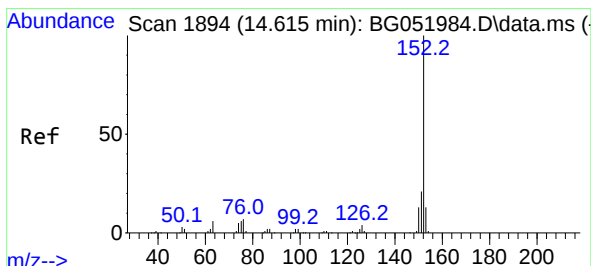
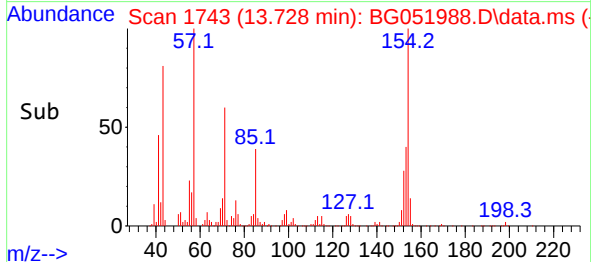
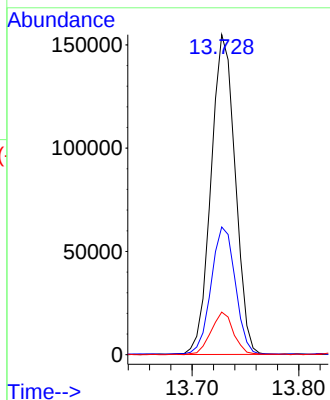
Tgt Ion:154 Resp: 24372
Ion Ratio Lower Upper
154 100
153 39.9 34.5 51.7
76 13.3 13.1 19.7

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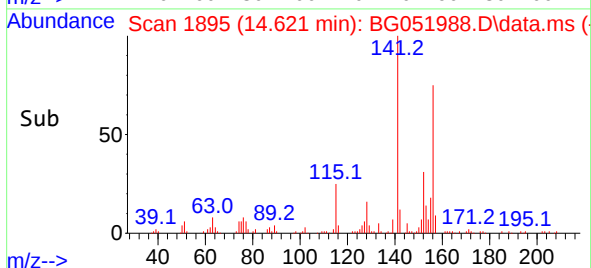
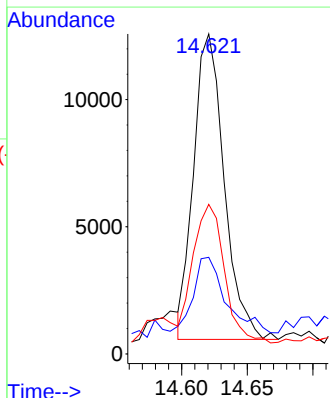
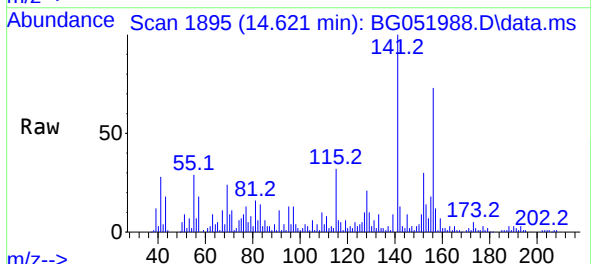
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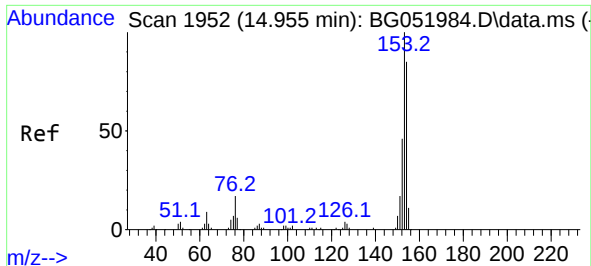
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#50
Acenaphthylene
Concen: 2.479 ng/u1
RT: 14.621 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

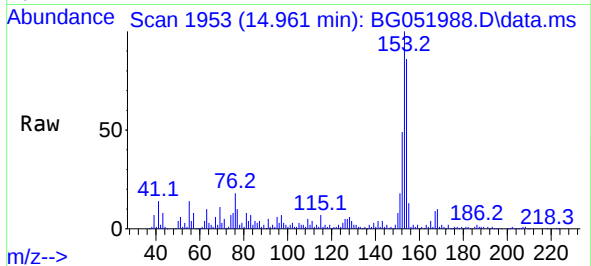
Tgt Ion:152 Resp: 19504
Ion Ratio Lower Upper
152 100
151 30.2 17.4 26.0#
153 46.7 10.3 15.5#





#52
Acenaphthene
Concen: 30.337 ng/u1
RT: 14.961 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL



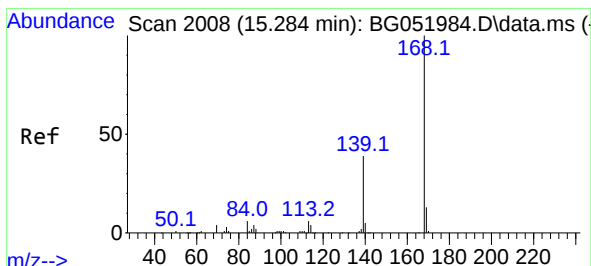
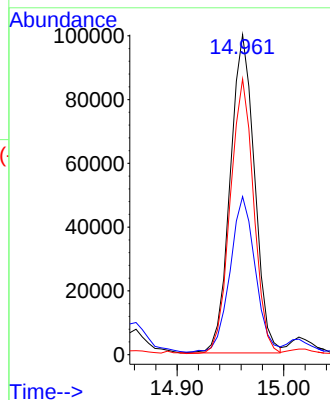
Tgt Ion:153 Resp: 15869
Ion Ratio Lower Upper
153 100
152 49.4 36.5 54.7
154 86.2 65.8 98.6

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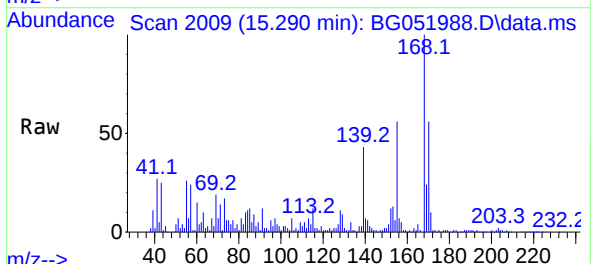
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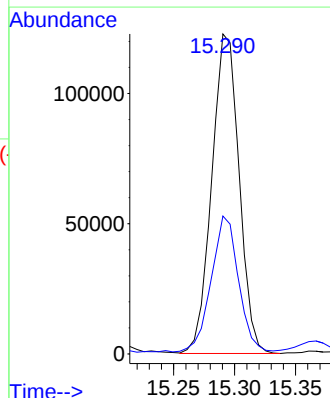
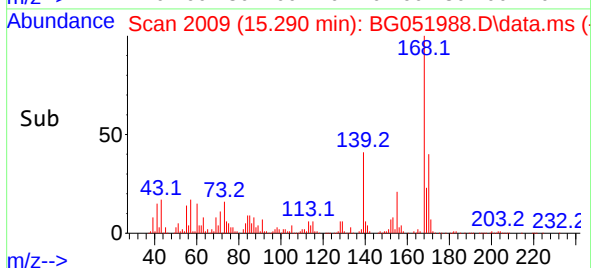
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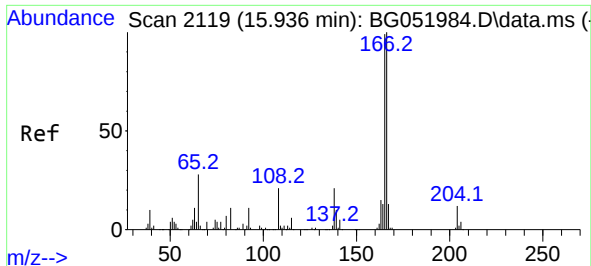


#56
Dibenzofuran
Concen: 25.183 ng/u1
RT: 15.290 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01



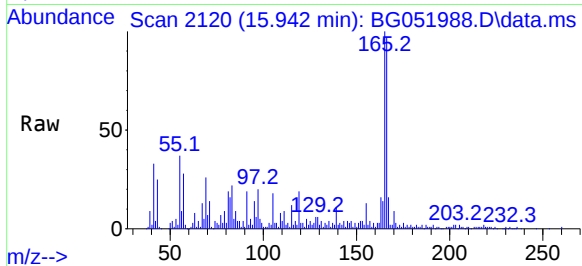
Tgt Ion:168 Resp: 191326
Ion Ratio Lower Upper
168 100
139 43.1 31.2 46.8





#61
Fluorene
Concen: 16.778 ng/ul
RT: 15.942 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
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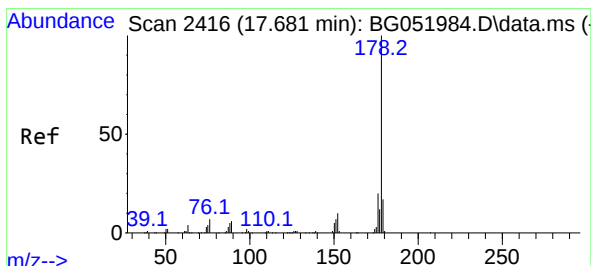
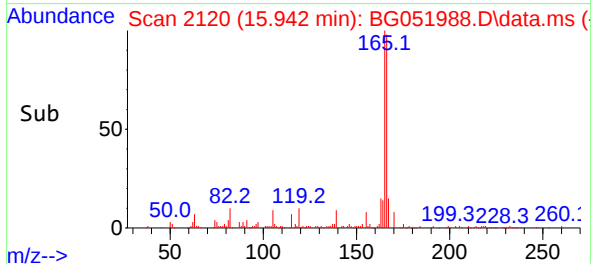
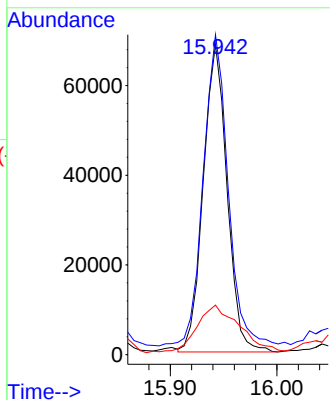
Tgt Ion:166 Resp: 106219
Ion Ratio Lower Upper
166 100
165 103.1 81.0 121.6
167 16.0 11.0 16.4

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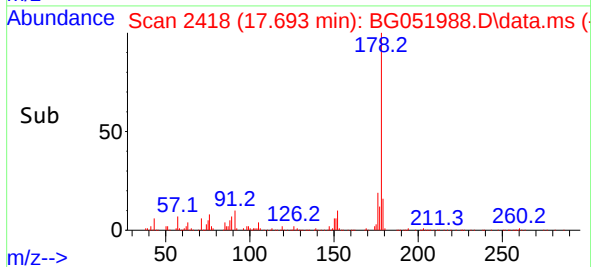
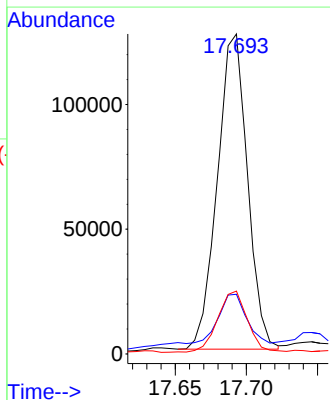
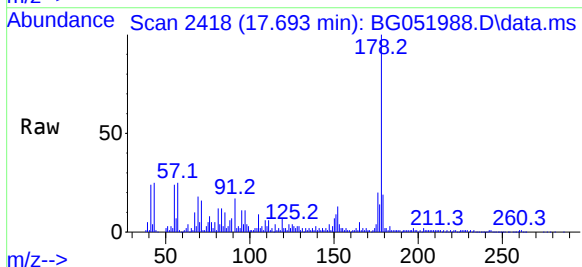
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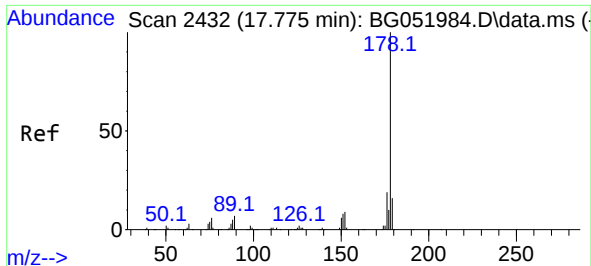
01/18/2022



#72
Phenanthrene
Concen: 22.045 ng/ul
RT: 17.693 min Scan# 2418
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

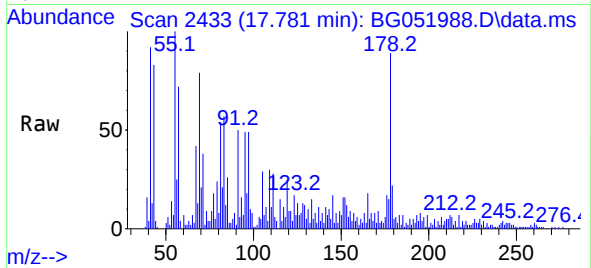
Tgt Ion:178 Resp: 186294
Ion Ratio Lower Upper
178 100
179 18.7 12.3 18.5#
176 19.6 15.5 23.3





#74
 Anthracene
 Concen: 3.370 ng/ul m
 RT: 17.781 min Scan# 2433
 Delta R.T. 0.006 min
 Lab File: BG051988.D
 Acq: 14 Jan 2022 23:01

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8DL



Tgt Ion:178 Resp: 28510

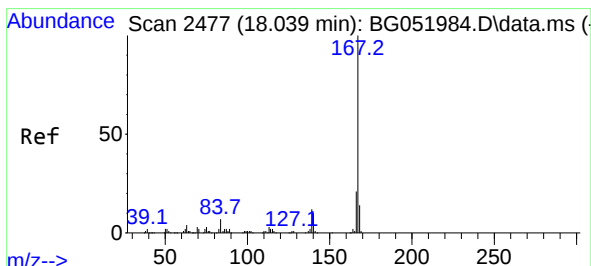
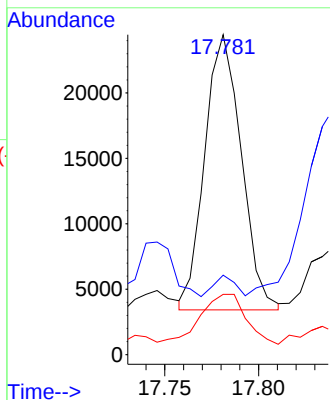
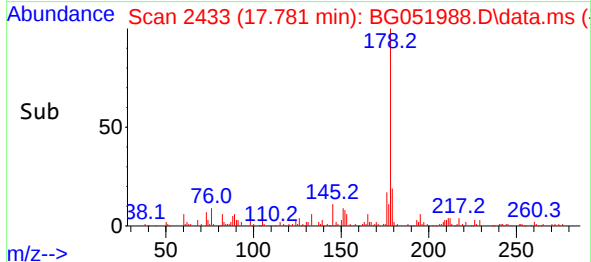
Ion	Ratio	Lower	Upper
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179	24.8	13.0	19.6
176	18.8	15.6	23.4

Manual Integrations
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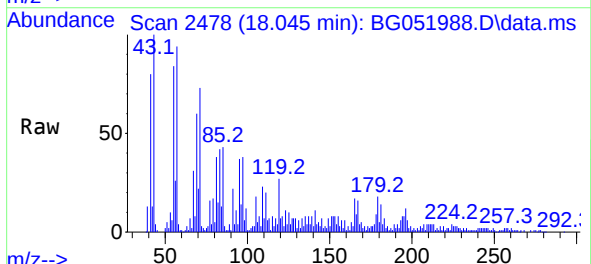
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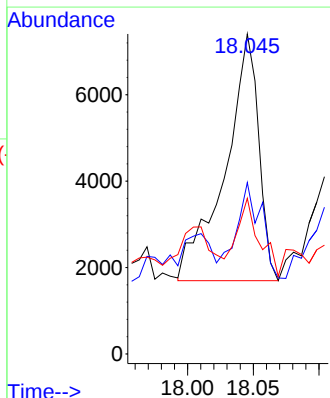
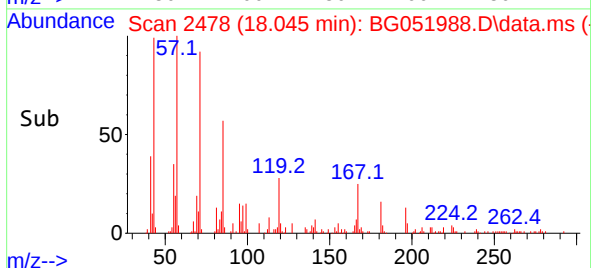


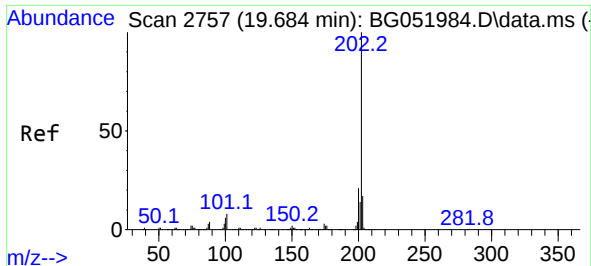
#77
 Carbazole
 Concen: 1.342 ng/ul
 RT: 18.045 min Scan# 2478
 Delta R.T. 0.012 min
 Lab File: BG051988.D
 Acq: 14 Jan 2022 23:01



Tgt Ion:167 Resp: 10228

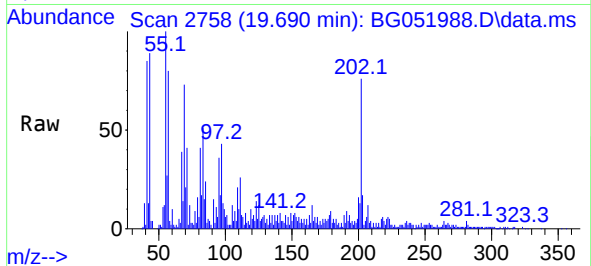
Ion	Ratio	Lower	Upper
167	100		
166	53.6	17.3	25.9
139	48.6	10.6	16.0





#80
Fluoranthene
Concen: 4.794 ng/u1
RT: 19.690 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL



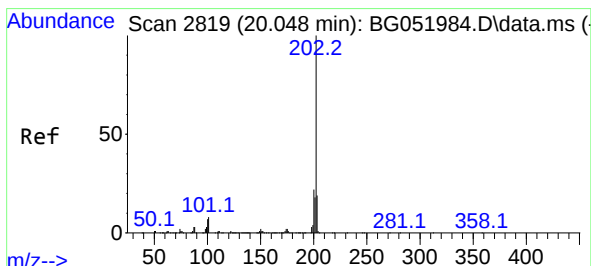
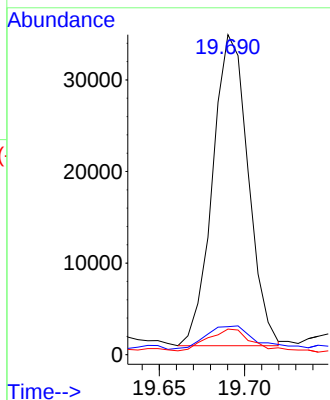
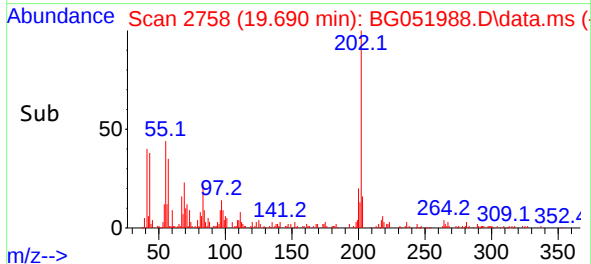
Tgt Ion:202 Resp: 49239
Ion Ratio Lower Upper
202 100
101 8.7 9.3 13.9
100 8.0 7.0 10.6

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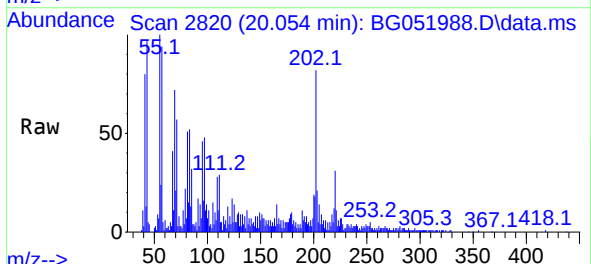
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

01/17/2022
Supervised By :mohammad
ahmed

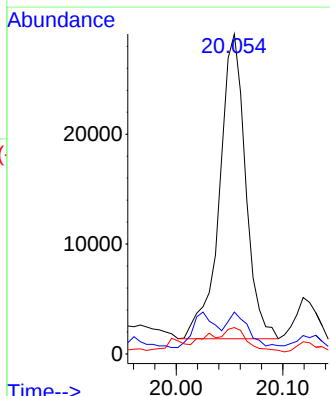
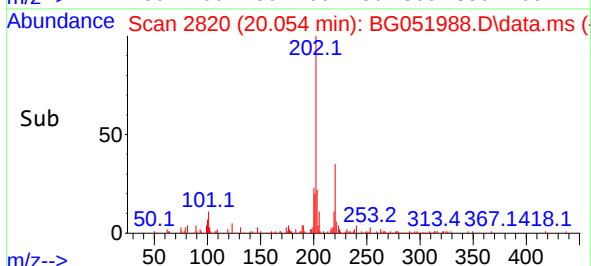
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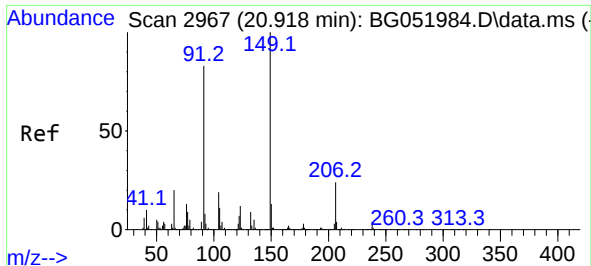


#82
Pyrene
Concen: 4.656 ng/u1
RT: 20.054 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01



Tgt Ion:202 Resp: 47088
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 8.3 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 107.880 ng/ul
RT: 20.924 min Scan# 2968
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :

BNA_G

ClientSampleId :

BGLS8DL

Tgt Ion:149 Resp: 379680
Ion Ratio Lower Upper
149 100
91 87.6 65.2 97.8
206 24.0 16.2 24.2

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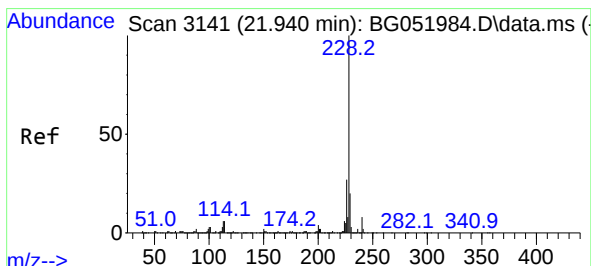
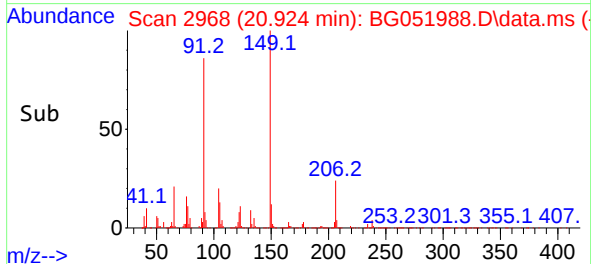
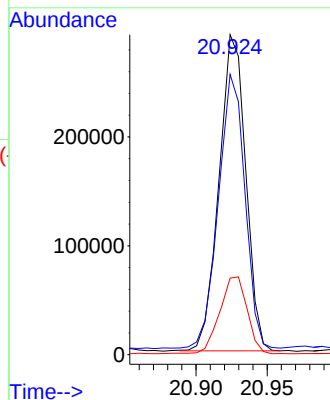
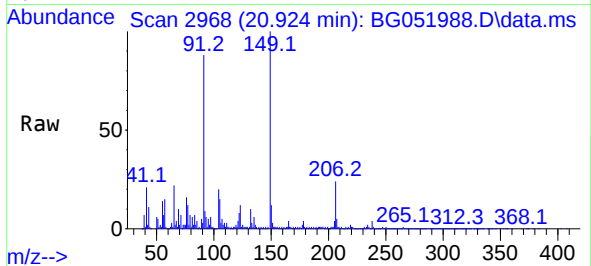
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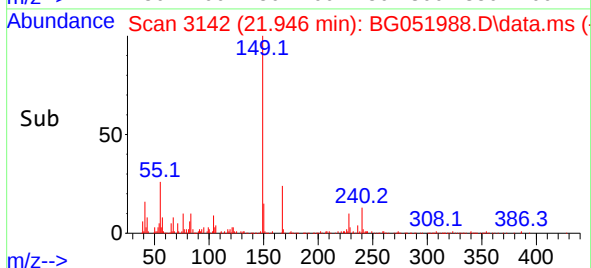
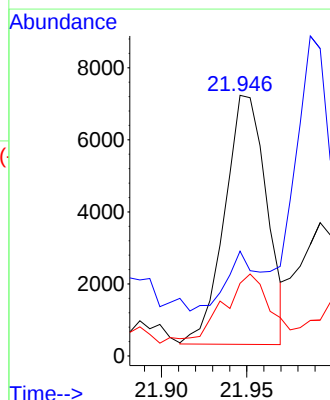
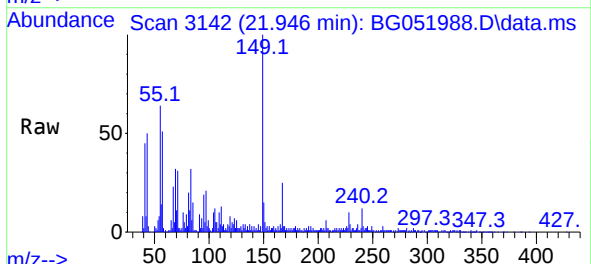
Supervised By :mohammad
ahmed

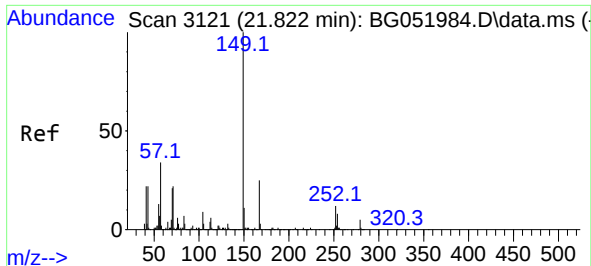
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#85
Benzo(a)anthracene
Concen: 1.167 ng/ul
RT: 21.946 min Scan# 3142
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

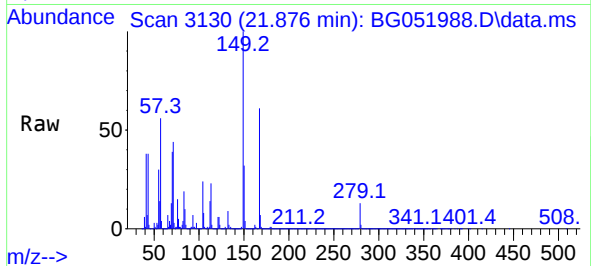
Tgt Ion:228 Resp: 11855
Ion Ratio Lower Upper
228 100
229 40.2 15.7 23.5#
226 27.9 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 1500.483 ng/ul m
RT: 21.876 min Scan# 3121
Delta R.T. 0.059 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL



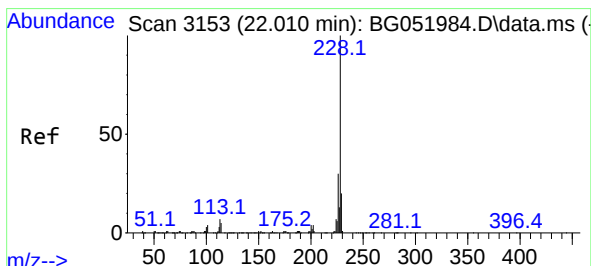
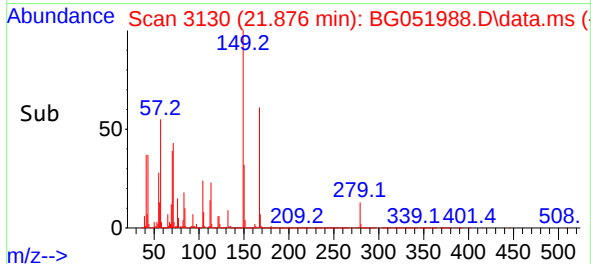
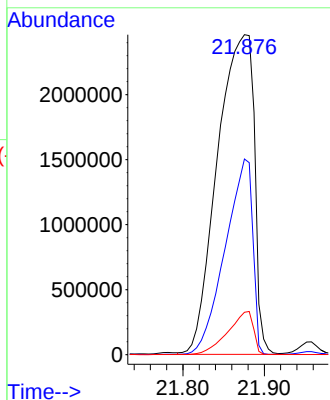
Tgt Ion:149 Resp: 772322
Ion Ratio Lower Upper
149 100
167 61.2 21.1 31.7
279 13.3 2.7 4.1

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Supervised By :mohammad ahmed 01/18/2022

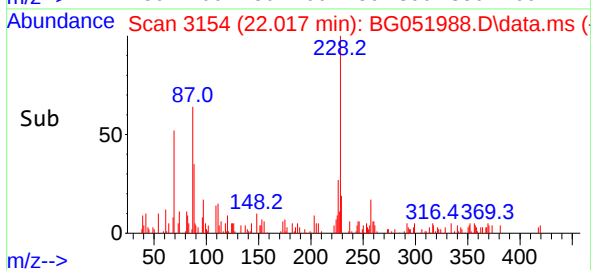
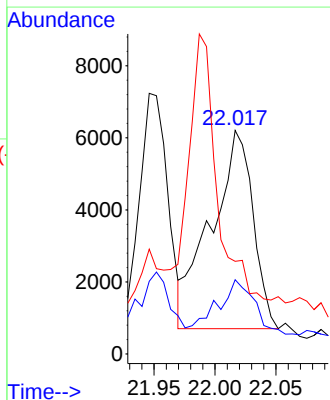
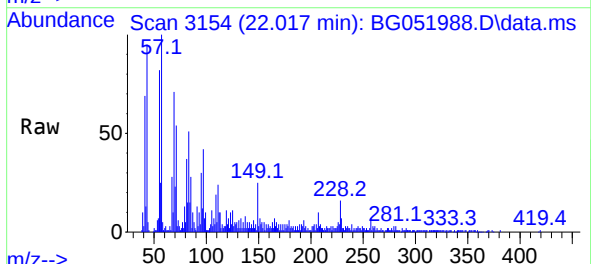
01/17/2022
Supervised By :mohammad
ahmed

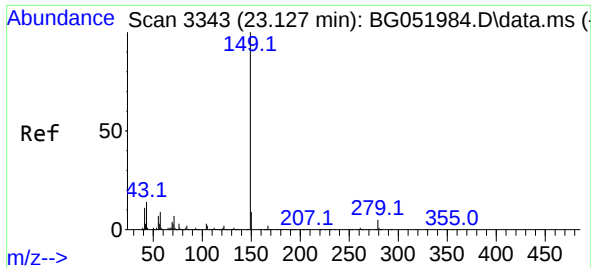
01/18/2022



#87
Chrysene
Concen: 1.344 ng/ul
RT: 22.017 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Tgt Ion:228 Resp: 13146
Ion Ratio Lower Upper
228 100
226 33.2 24.8 37.2
229 41.5 15.8 23.6





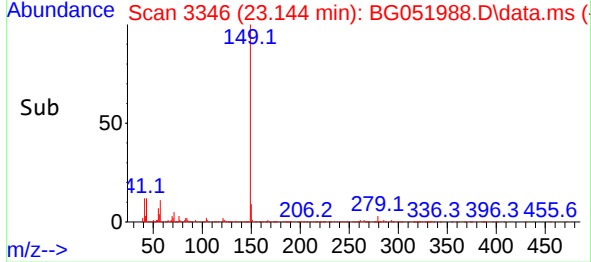
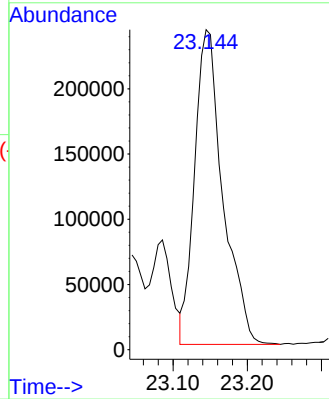
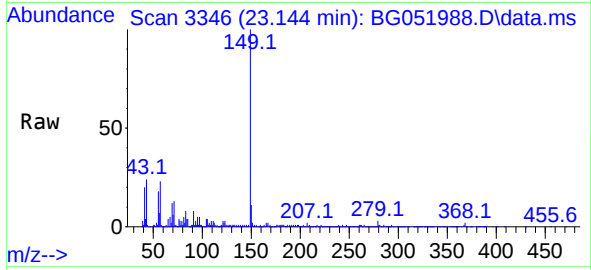
#89
Di-n-octyl phthalate
Concen: 70.740 ng/ul
RT: 23.144 min Scan# 31
Delta R.T. 0.024 min
Lab File: BG051988.D
Acq: 14 Jan 2022 23:01

Instrument :
BNA_G
ClientSampleId :
BGLS8DL

Tgt Ion:149 Resp: 63789

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ahmed

01/18/2022