

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051828.D
 Acq On : 28 Dec 2021 14:05
 Operator : CG/JU
 Sample : M5215-01DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 29 00:30:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.286	152	35368	20.000	ng/ul	0.00
20) Naphthalene-d8	11.124	136	142567	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.919	164	95164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.680	188	189102	20.000	ng/ul	# 0.02
79) Chrysene-d12	22.021	240	185509	20.000	ng/ul	0.03
88) Perylene-d12	25.545	264	186923	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.610	96	1212	1.423	ng/uL	0.00
4) Pyridine-d5	4.051	84	4392m	1.707	ng/ul	0.00
7) Phenol-d5	7.423	99	29511	9.345	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.593	67	47428	25.264	ng/ul	0.00
11) 2-Chlorophenol-d4	7.805	132	20765	9.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.980	113	37229m	15.252	ng/ul	0.00
21) Nitrobenzene-d5	9.455	128	10790	10.323	ng/ul	0.00
24) 2-Nitrophenol-d4	10.184	143	11855	10.375	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.736	165	23439	9.459	ng/ul	0.00
31) 4-Chloroaniline-d4	11.235	131	33209	10.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	65389	8.585	ng/ul	0.00
49) Acenaphthylene-d8	14.613	160	84519	8.935	ng/ul	0.00
54) 4-Nitrophenol-d4	15.089	143	8087	6.529	ng/ul	0.01
60) Fluorene-d10	15.911	176	54893	8.044	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.017	200	8262	8.386	ng/ul	0.00
73) Anthracene-d10	17.773	188	88291	9.788	ng/ul	0.01
81) Pyrene-d10	20.059	212	101960	9.132	ng/ul	0.02
92) Benzo(a)pyrene-d12	25.299	264	89386	9.088	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	7.446	94	12319	3.923	ng/ul#	21
13) 2-Methylphenol	8.715	108	7875	3.324	ng/ul	91
18) 4-Methylphenol	9.050	108	44608	17.864	ng/ul	94
26) 2,4-Dimethylphenol	10.266	107	34976m	11.885	ng/ul	
30) Naphthalene	11.182	128	1508399	196.385	ng/ul	97
36) 2-Methylnaphthalene	12.769	142	652277	119.036	ng/ul	100
37) 1-Methylnaphthalene	12.980	142	336820	59.199	ng/ul	98
43) 1,1'-Biphenyl	13.755	154	143016	19.619	ng/ul#	91
50) Acenaphthylene	14.642	152	16372	1.769	ng/ul#	7
52) Acenaphthene	14.983	153	83023	13.578	ng/ul	95
56) Dibenzofuran	15.318	168	128758	14.299	ng/ul#	79
59) Diethylphthalate	15.717	149	14002	1.818	ng/ul#	42
61) Fluorene	15.970	166	129271	17.423	ng/ul#	96
72) Phenanthrene	17.721	178	412258	42.385	ng/ul#	93
78) Di-n-butylphthalate	18.619	149	894999	84.522	ng/ul#	96
80) Fluoranthene	19.724	202	77307	6.032	ng/ul#	1
82) Pyrene	20.082	202	82081	6.472	ng/ul	98
83) Butylbenzylphthalate	21.016	149	9137363	2148.314	ng/ul#	76
85) Benzo(a)anthracene	22.003	228	16973	1.406	ng/ul#	34
86) Bis(2-ethylhexyl)phtha...	21.944	149	13744279	2306.969	ng/ul#	7
87) Chrysene	22.062	228	39170m	3.359	ng/ul	
89) Di-n-octyl phthalate	23.201	149	2640691	262.286	ng/ul	100
90) Benzo(b)fluoranthene	24.429	252	17506m	1.398	ng/ul	

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 Supervised By :mohammad ahmed 12/31/2021

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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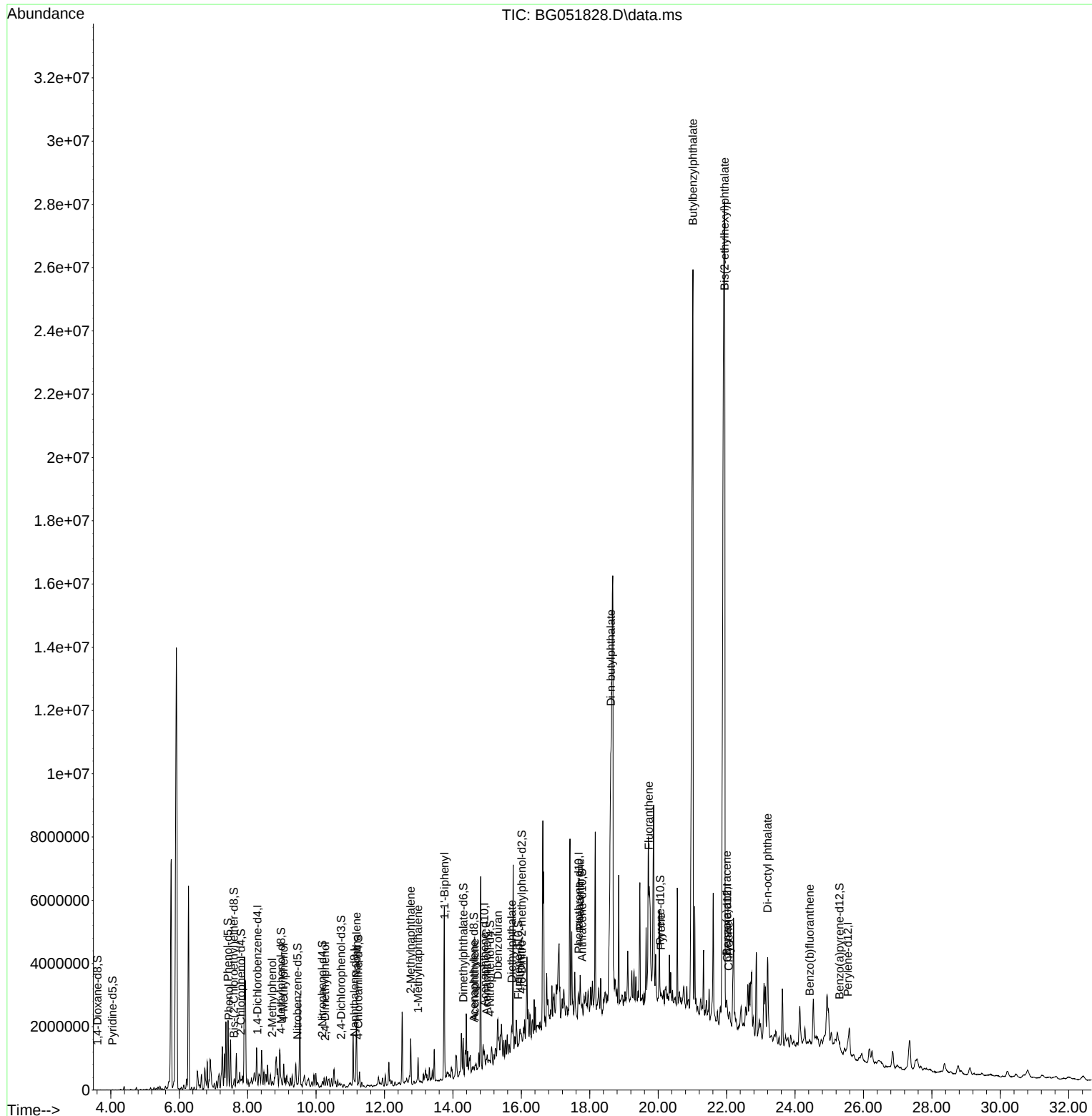
Quant Time: Dec 29 00:30:53 2021

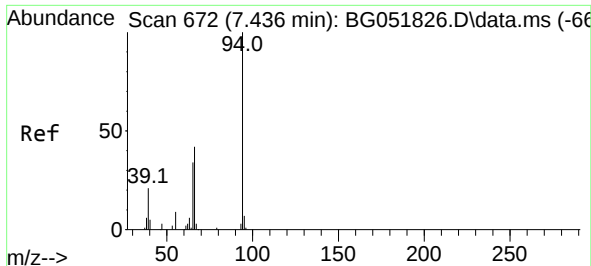
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 23 13:37:07 2021

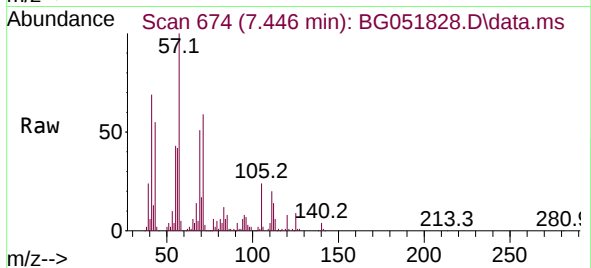
Response via : Initial Calibration





#8
Phenol
Concen: 3.923 ng/ul
RT: 7.446 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

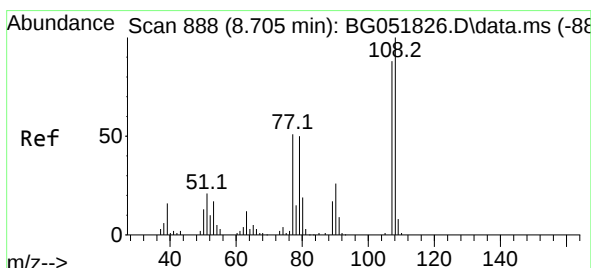
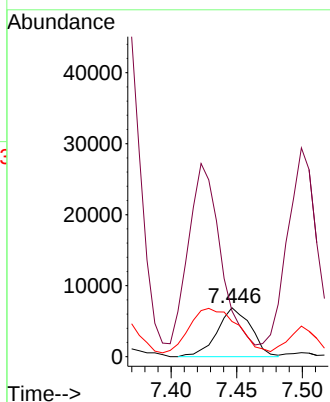
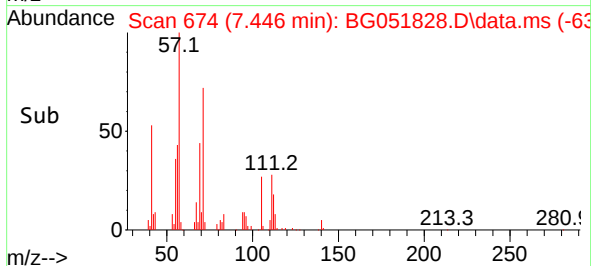
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion: 94 Resp: 12319
Ion Ratio Lower Upper
94 100
65 93.5 25.1 37.7
66 71.8 31.6 47.4

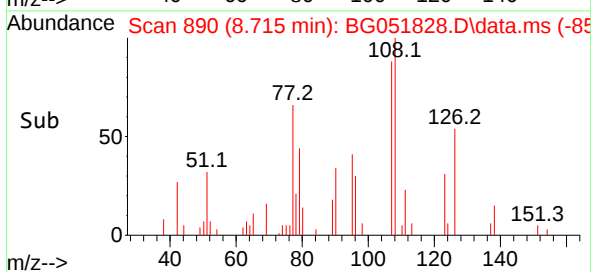
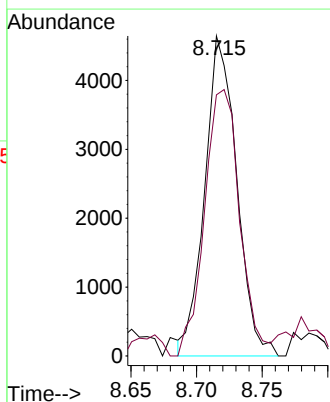
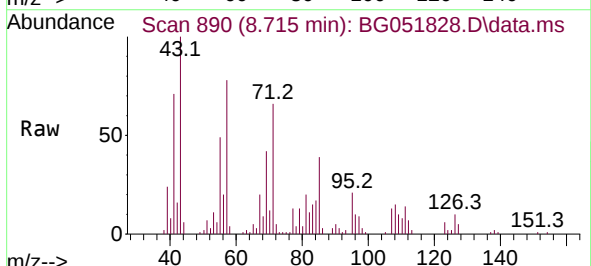
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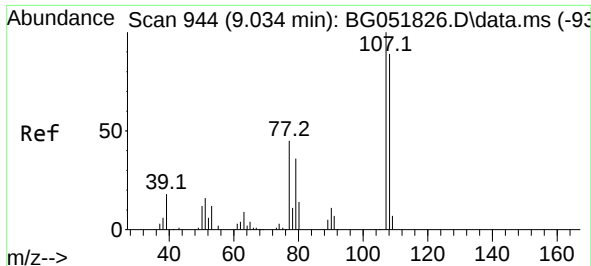
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#13
2-Methylphenol
Concen: 3.324 ng/ul
RT: 8.715 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

Tgt Ion:108 Resp: 7875
Ion Ratio Lower Upper
108 100
107 81.6 71.8 107.6





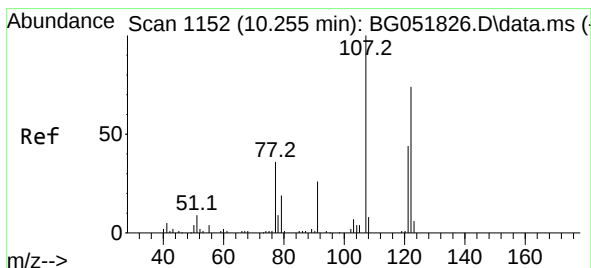
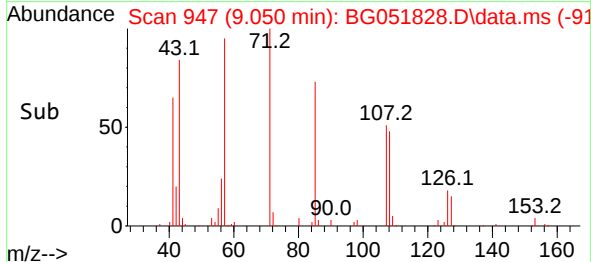
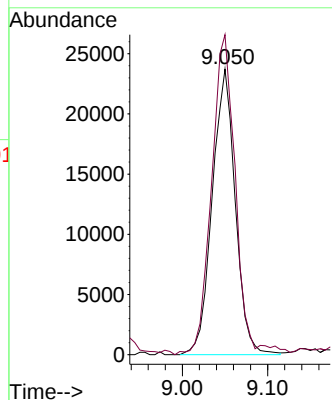
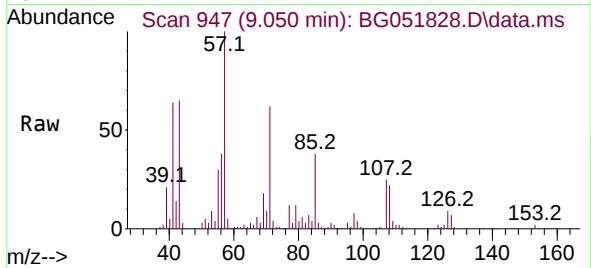
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4-Methylphenol
Concen: 17.864 ng/ul
RT: 9.050 min Scan# 94
Delta R.T. 0.005 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

Instrument :
BNA_G
ClientSampleId :
BGLD3DL

Tgt Ion:108 Resp: 44608
Ion Ratio Lower Upper
108 100
107 112.1 95.0 142.4

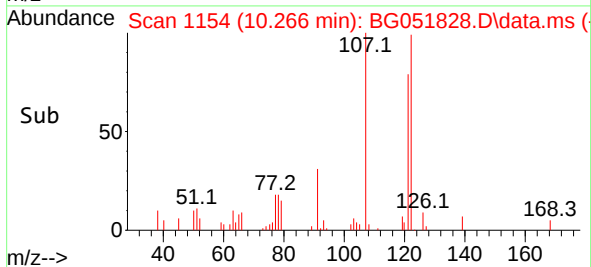
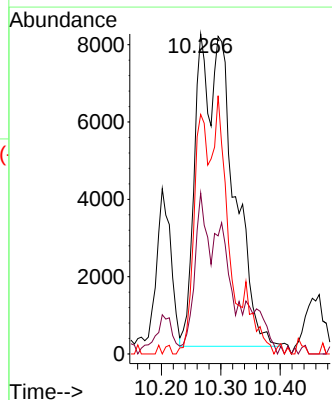
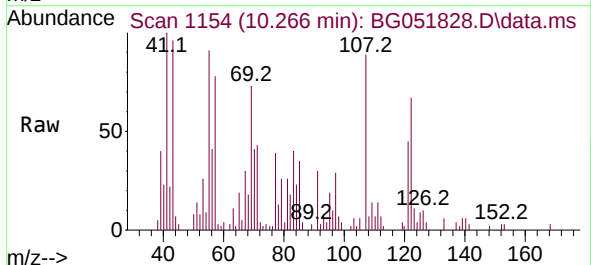
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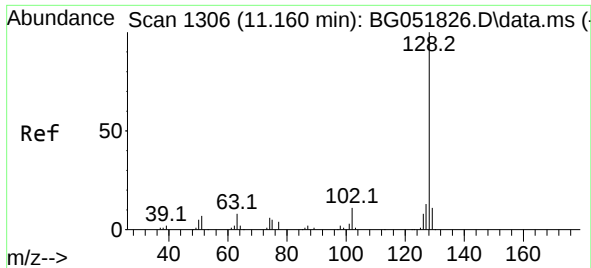
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#26
2,4-Dimethylphenol
Concen: 11.885 ng/ul m
RT: 10.266 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

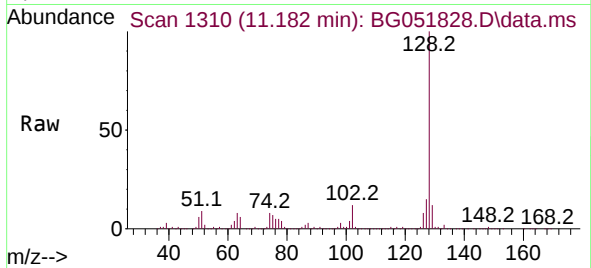
Tgt Ion:107 Resp: 34976
Ion Ratio Lower Upper
107 100
121 50.3 39.3 58.9
122 74.9 63.7 95.5





#30
Naphthalene
Concen: 196.385 ng/ul
RT: 11.182 min Scan# 11182
Delta R.T. 0.005 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

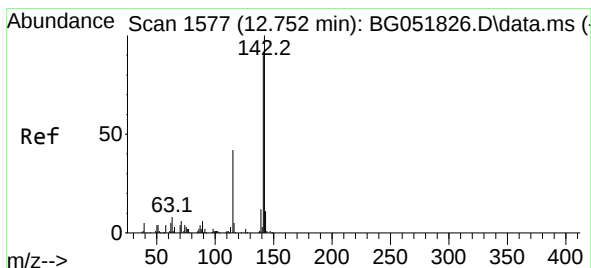
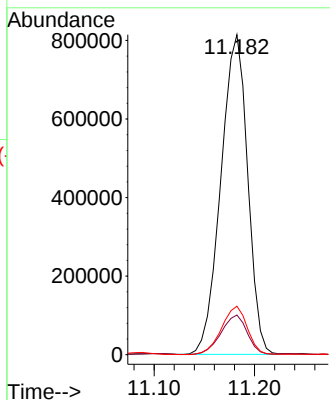
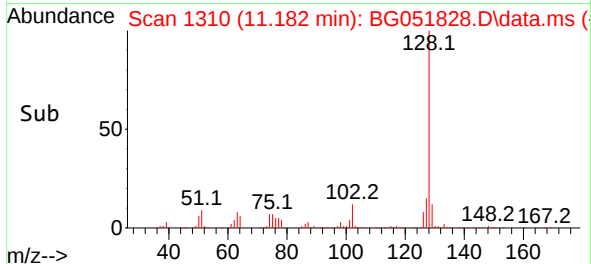
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion:128 Resp: 1508399
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 15.2 11.8 17.6

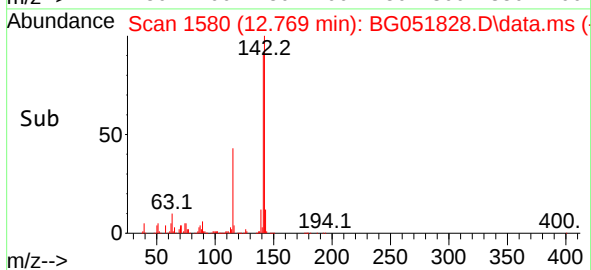
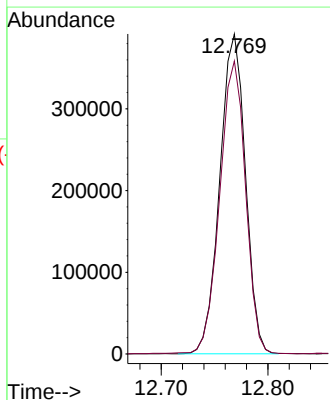
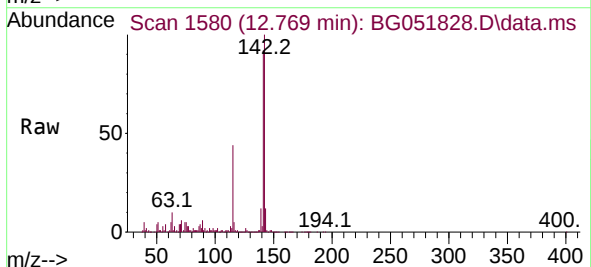
Manual Integrations
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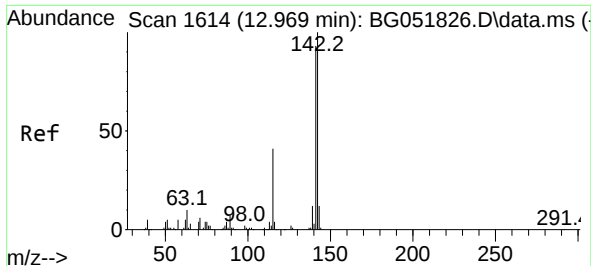
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#36
2-Methylnaphthalene
Concen: 119.036 ng/ul
RT: 12.769 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

Tgt Ion:142 Resp: 652277
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#37

1-Methylnaphthalene

Concen: 59.199 ng/ul

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG051828.D

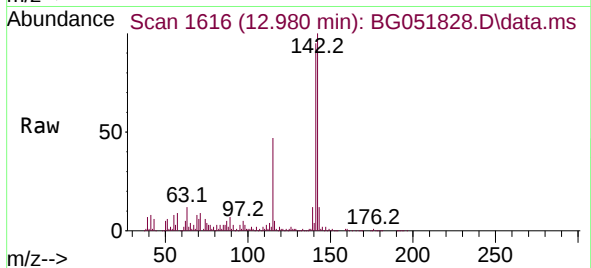
Acq: 28 Dec 2021 14:05

Instrument :

BNA_G

ClientSampleId :

BGLD3DL



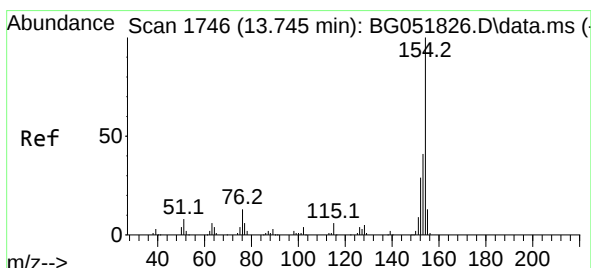
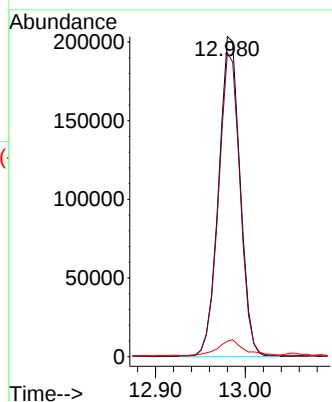
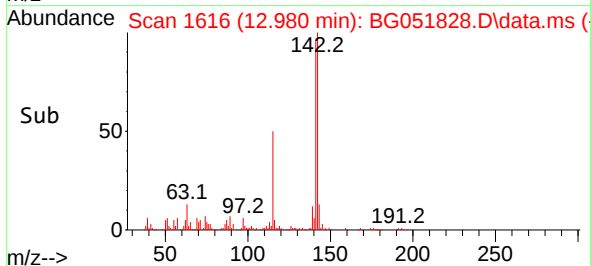
Tgt Ion:142 Resp: 336820

Ion	Ratio	Lower	Upper
142	100		
141	95.0	77.8	116.8
116	4.9	3.3	4.9

Manual Integrations

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Supervised By :mohammad ahmed 12/31/2021



#43

1,1'-Biphenyl

Concen: 19.619 ng/ul

RT: 13.755 min Scan# 1748

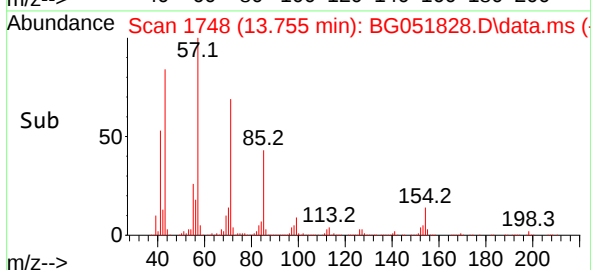
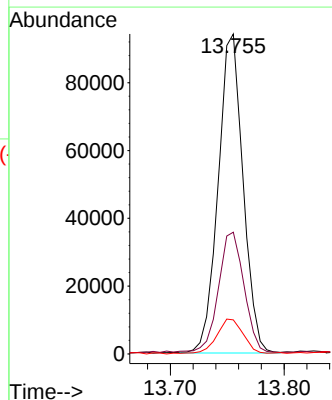
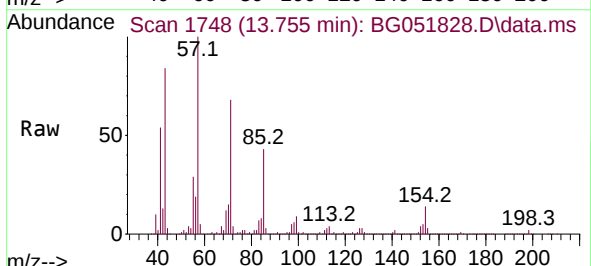
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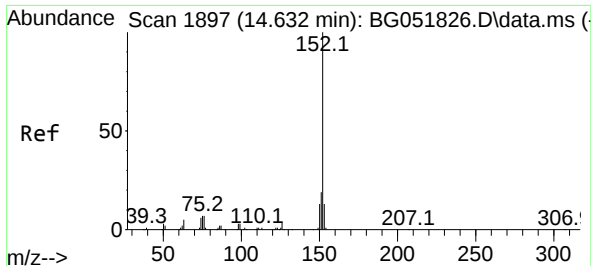
Lab File: BG051828.D

Acq: 28 Dec 2021 14:05

Tgt Ion:154 Resp: 143016

Ion	Ratio	Lower	Upper
154	100		
153	38.1	34.5	51.7
76	10.6	13.1	19.7





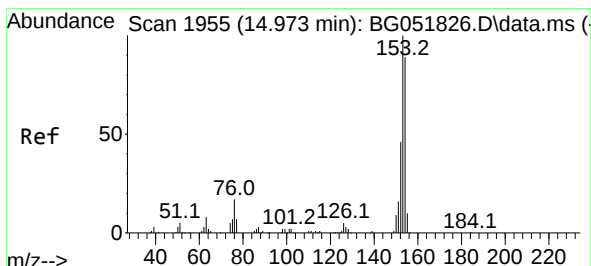
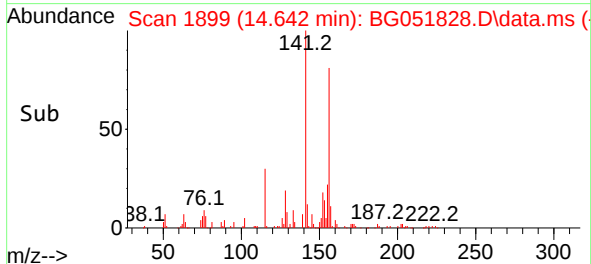
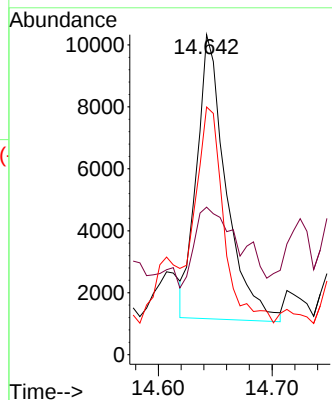
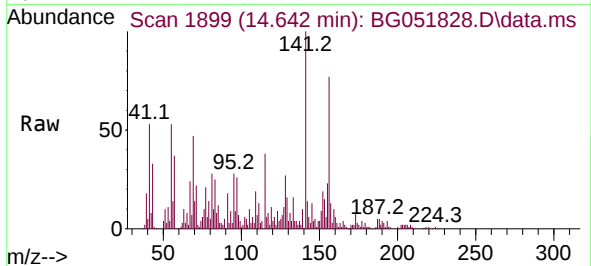
#50
Acenaphthylene
Concen: 1.769 ng/ul
RT: 14.642 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

Instrument :
BNA_G
ClientSampleId :
BGLD3DL

Tgt Ion:152 Resp: 16372
Ion Ratio Lower Upper
152 100
151 46.1 17.4 26.0
153 77.4 10.3 15.5

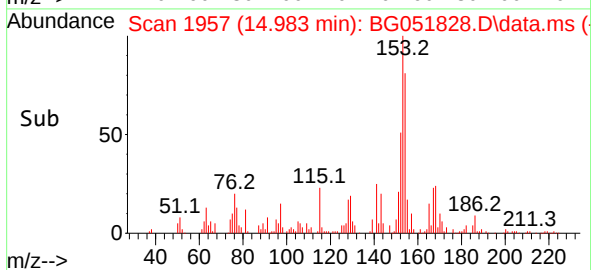
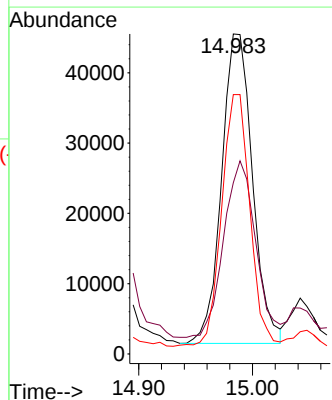
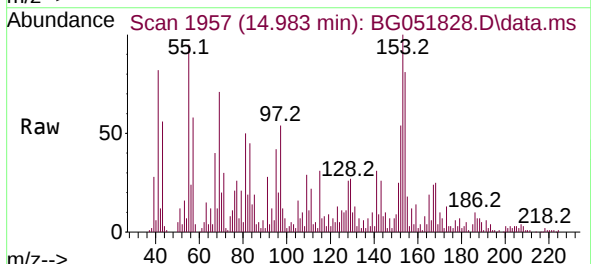
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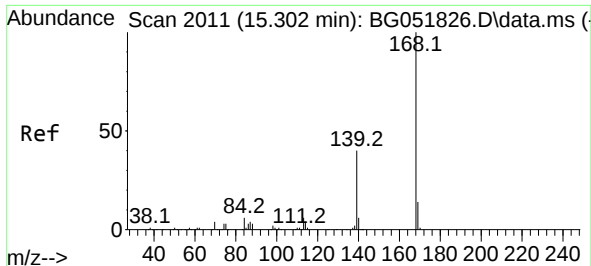
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#52
Acenaphthene
Concen: 13.578 ng/ul
RT: 14.983 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

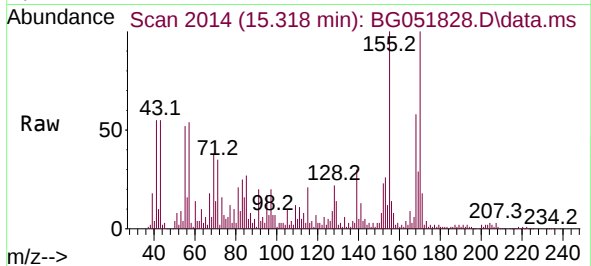
Tgt Ion:153 Resp: 83023
Ion Ratio Lower Upper
153 100
152 53.5 36.5 54.7
154 81.1 65.8 98.6





#56
Dibenzenofuran
Concen: 14.299 ng/ul
RT: 15.318 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

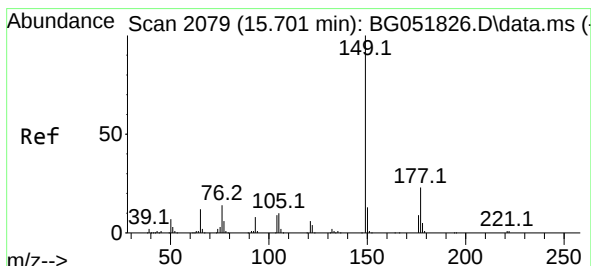
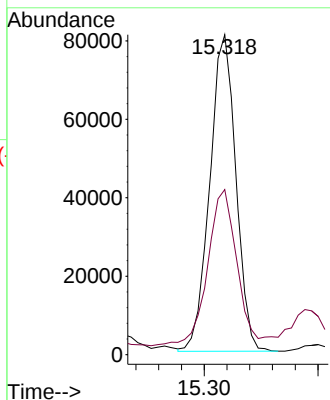
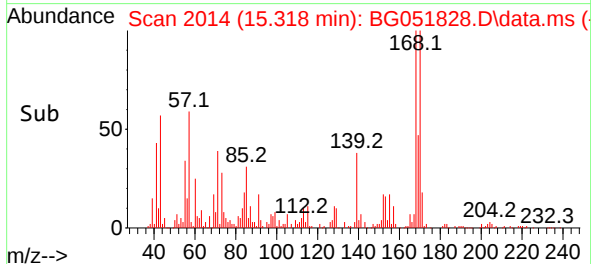
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



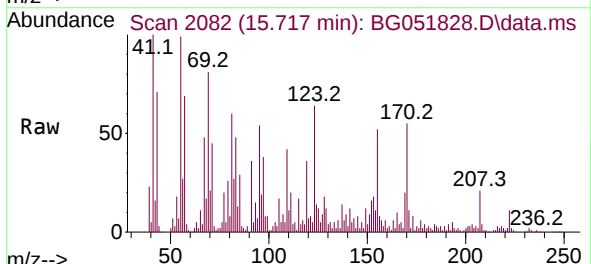
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Ion Ratio Lower Upper
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Manual Integrations
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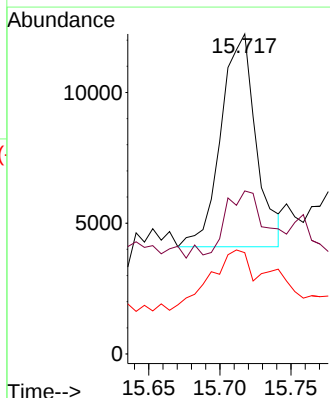
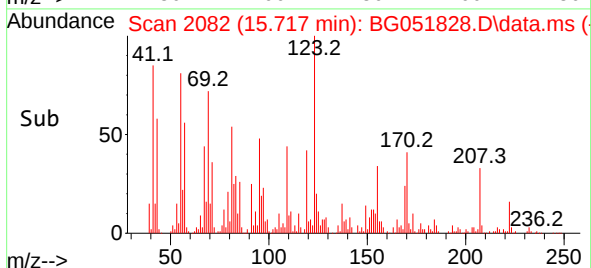
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

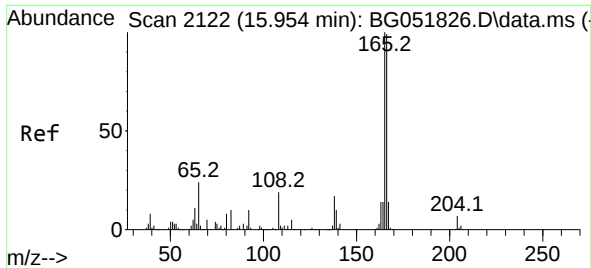


#59
Diethylphthalate
Concen: 1.818 ng/ul
RT: 15.717 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05



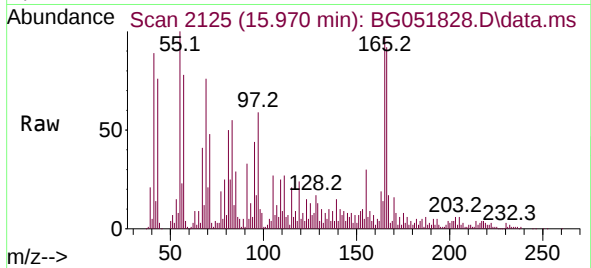
Tgt Ion:149 Resp: 14002
Ion Ratio Lower Upper
149 100
177 51.0 16.8 25.2#
150 31.6 10.1 15.1#





#61
Fluorene
Concen: 17.423 ng/ul
RT: 15.970 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

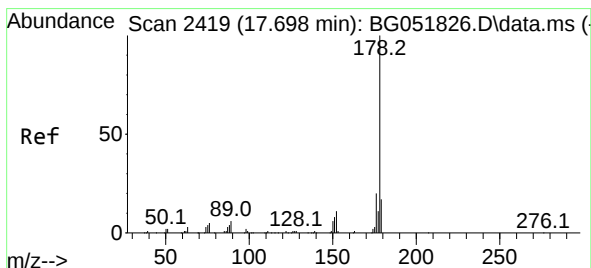
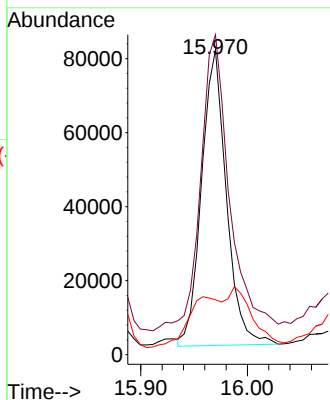
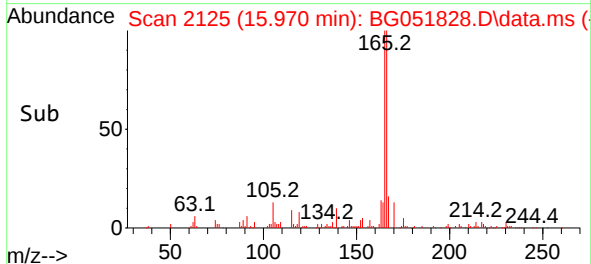
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



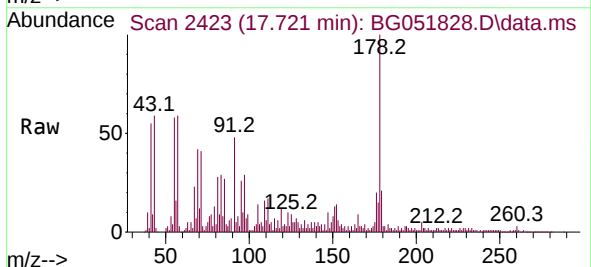
Tgt Ion:166 Resp: 12927
Ion Ratio Lower Upper
166 100
165 104.9 81.0 121.6
167 18.0 11.0 16.4

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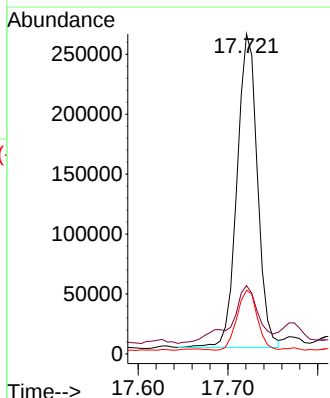
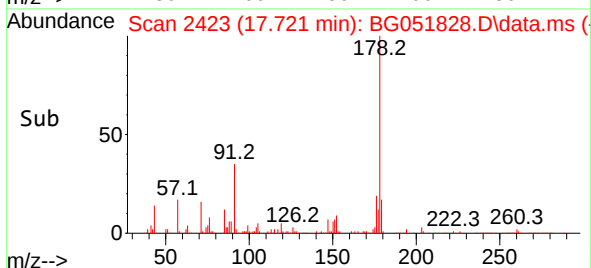
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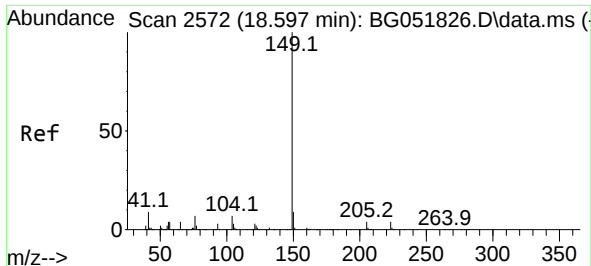


#72
Phenanthrene
Concen: 42.385 ng/ul
RT: 17.721 min Scan# 2423
Delta R.T. 0.011 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05



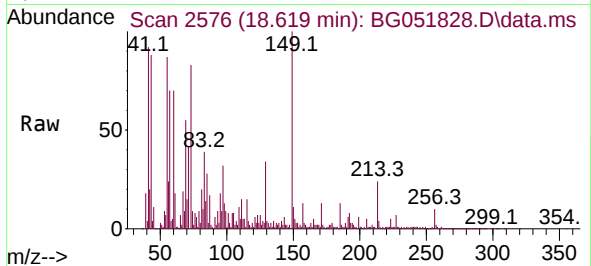
Tgt Ion:178 Resp: 412258
Ion Ratio Lower Upper
178 100
179 21.4 12.3 18.5#
176 19.9 15.5 23.3





#78
Di-n-butylphthalate
Concen: 84.522 ng/ul
RT: 18.619 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

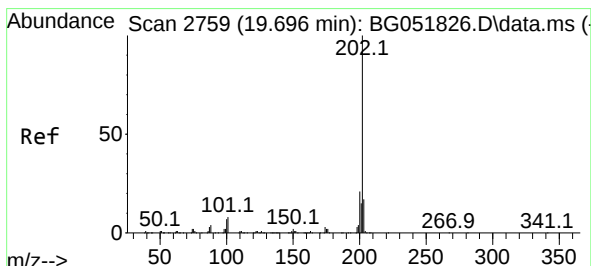
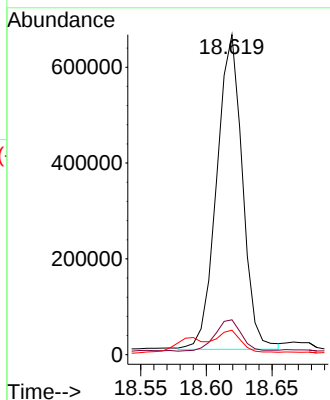
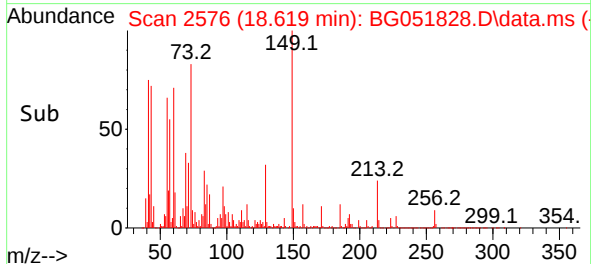
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion:149 Resp: 894999
Ion Ratio Lower Upper
149 100
150 10.9 7.5 11.3
104 7.6 5.0 7.6

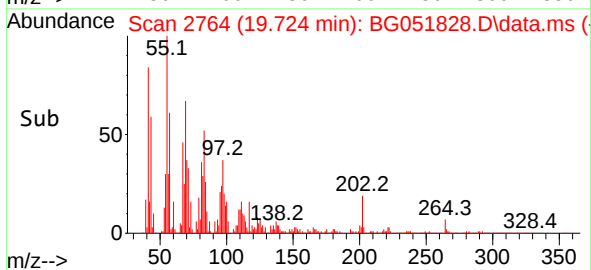
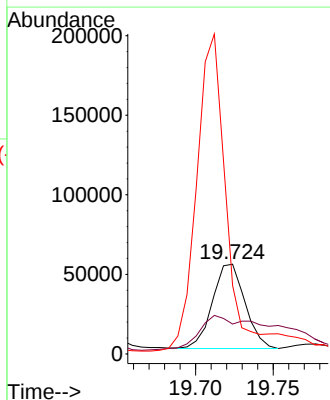
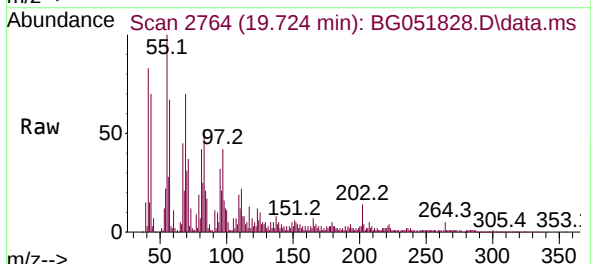
Manual Integrations
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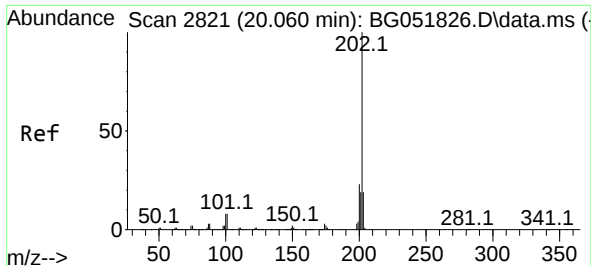
Reviewed By :Jagrut Upadhyay 12/29/2021
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#80
Fluoranthene
Concen: 6.032 ng/ul
RT: 19.724 min Scan# 2764
Delta R.T. 0.017 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

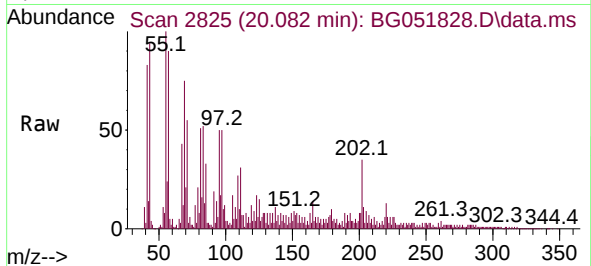
Tgt Ion:202 Resp: 77307
Ion Ratio Lower Upper
202 100
101 33.4 9.3 13.9#
100 76.2 7.0 10.6#





#82
Pyrene
Concen: 6.472 ng/ul
RT: 20.082 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

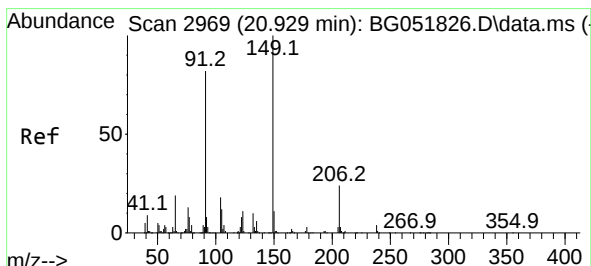
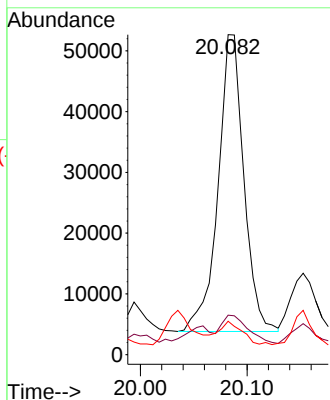
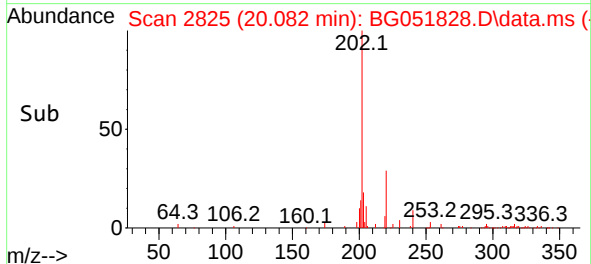
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



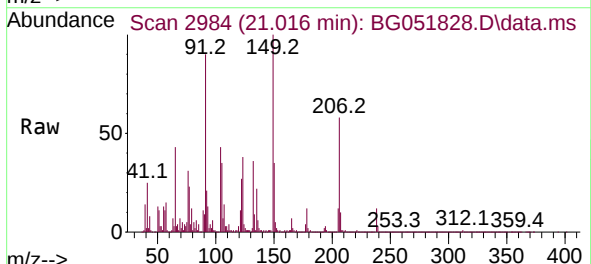
Tgt Ion:202 Resp: 8208
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 10.5 9.0 13.6

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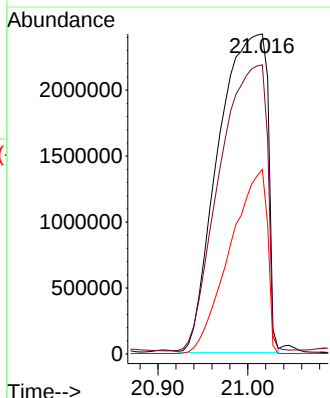
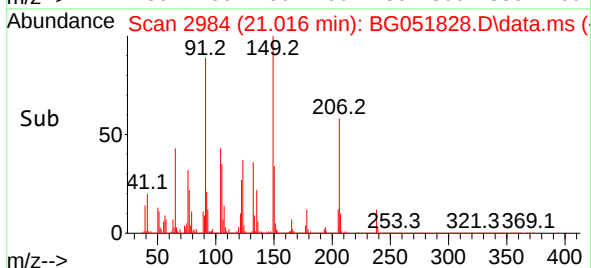
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

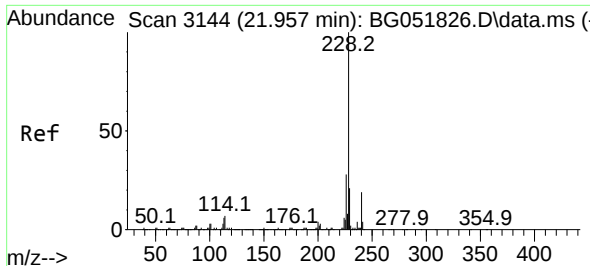


#83
Butylbenzylphthalate
Concen: 2148.314 ng/ul
RT: 21.016 min Scan# 2984
Delta R.T. 0.070 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05



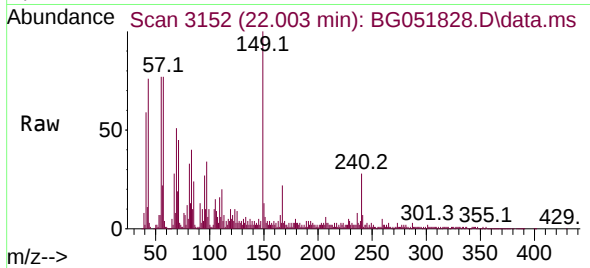
Tgt Ion:149 Resp: 9137363
Ion Ratio Lower Upper
149 100
91 90.4 65.2 97.8
206 57.7 16.2 24.2#





#85
Benzo(a)anthracene
Concen: 1.406 ng/u1
RT: 22.003 min Scan# 3142
Delta R.T. 0.035 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

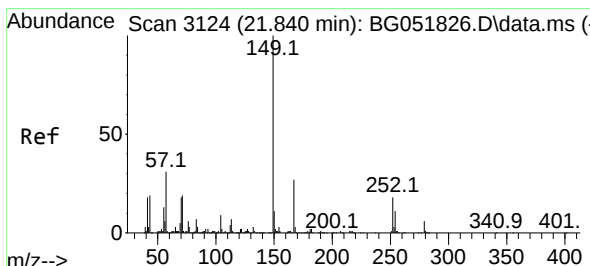
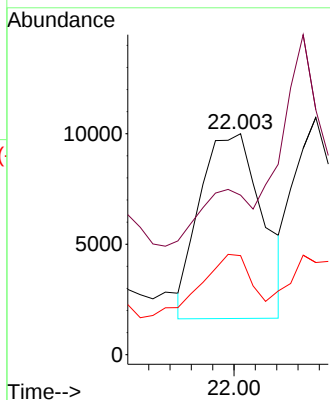
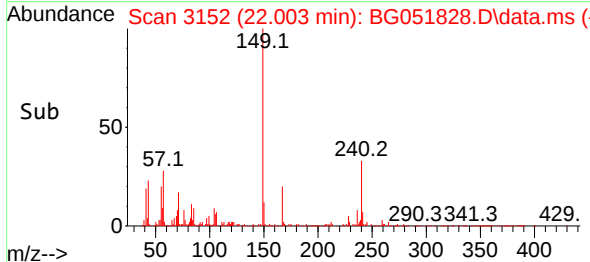
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion:228 Resp: 1697
Ion Ratio Lower Upper
228 100
229 72.2 15.7 23.5
226 44.8 22.3 33.5

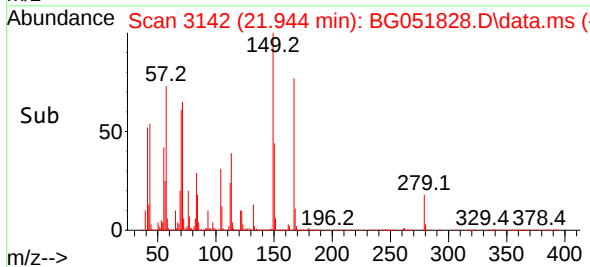
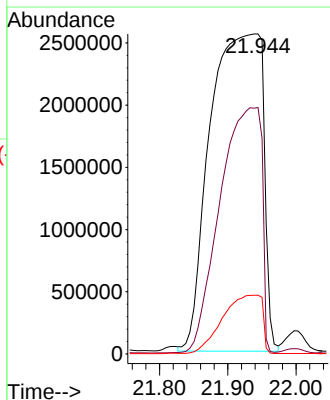
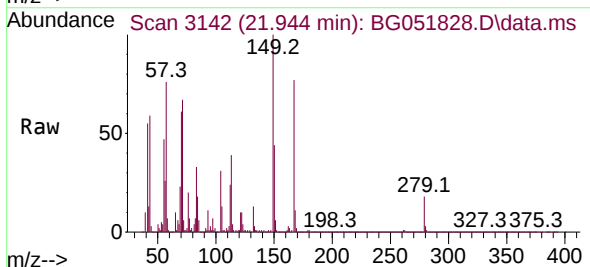
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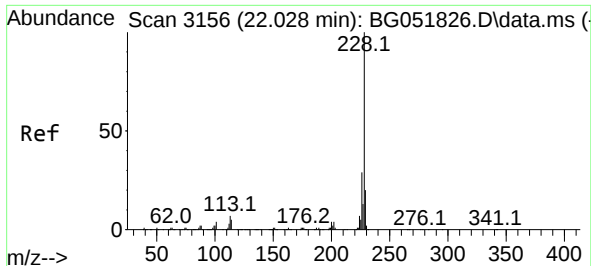
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 2306.969 ng/u1
RT: 21.944 min Scan# 3142
Delta R.T. 0.076 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

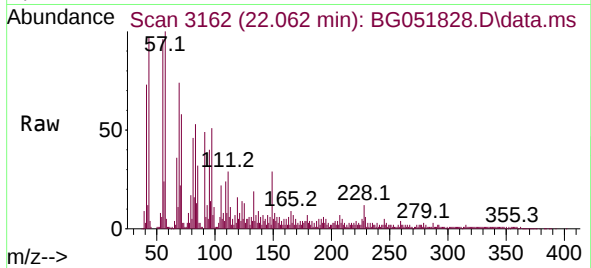
Tgt Ion:149 Resp:13744279
Ion Ratio Lower Upper
149 100
167 77.0 21.1 31.7#
279 18.4 2.7 4.1#





#87
Chrysene
Concen: 3.359 ng/ul m
RT: 22.062 min Scan# 3156
Delta R.T. 0.023 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

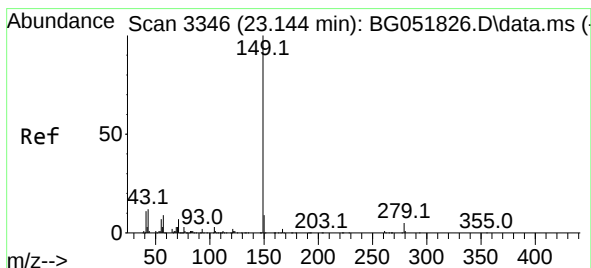
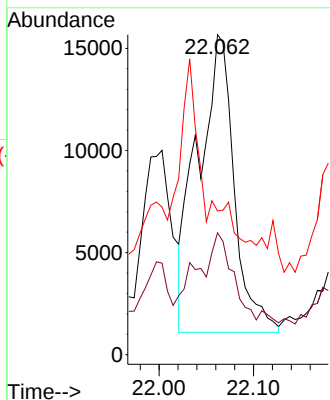
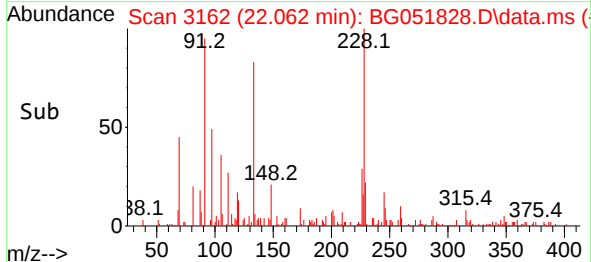
Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion:228 Resp: 39170
Ion Ratio Lower Upper
228 100
226 38.1 24.8 37.2
229 44.9 15.8 23.6

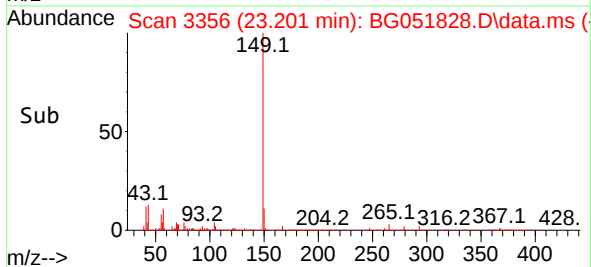
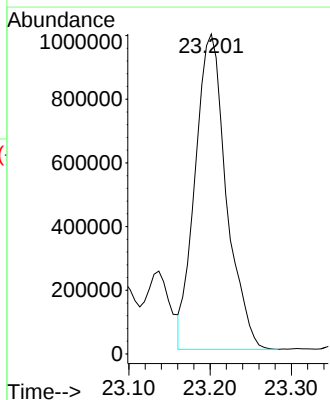
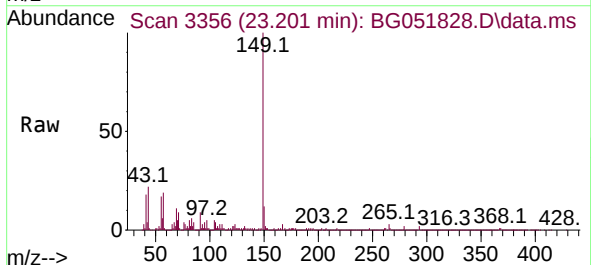
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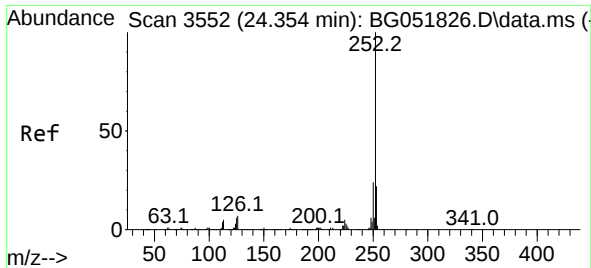
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#89
Di-n-octyl phthalate
Concen: 262.286 ng/ul
RT: 23.201 min Scan# 3356
Delta R.T. 0.017 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

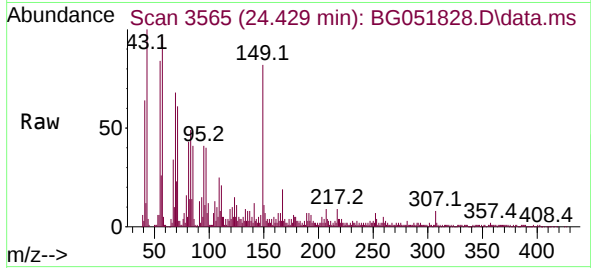
Tgt Ion:149 Resp: 2640691





#90
Benzo(b)fluoranthene
Concen: 1.398 ng/ul m
RT: 24.429 min Scan# 3
Delta R.T. 0.058 min
Lab File: BG051828.D
Acq: 28 Dec 2021 14:05

Instrument :
BNA_G
ClientSampleId :
BGLD3DL



Tgt Ion:252 Resp: 17500
Ion Ratio Lower Upper
252 100
253 61.2 17.8 26.6
125 159.0 8.5 12.7

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Supervised By :mohammad ahmed 12/31/2021

