

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051608.D
 Acq On : 17 Dec 2021 23:06
 Operator : CG/JU
 Sample : M5121-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL53

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 00:13:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	41060	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	163950	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	98477	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.663	188	193891	20.000	ng/ul	0.00
79) Chrysene-d12	21.987	240	192865	20.000	ng/ul	# 0.00
88) Perylene-d12	25.523	264	201993	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	2117m	2.141	ng/uL	0.00
4) Pyridine-d5	4.035	84	15070m	5.045	ng/ul	-0.01
7) Phenol-d5	7.407	99	65518	17.871	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	42030	19.285	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	46973	18.423	ng/ul	-0.01
15) 4-Methylphenol-d8	8.963	113	52474	18.517	ng/ul	-0.02
21) Nitrobenzene-d5	9.445	128	26295	21.876	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.179	143	28491	21.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.720	165	54097	18.985	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	46337	12.351	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	160216	20.327	ng/ul	-0.02
49) Acenaphthylene-d8	14.609	160	197122	20.137	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	21701	16.930	ng/ul	-0.01
60) Fluorene-d10	15.901	176	130787	18.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	13386	13.251	ng/ul	-0.01
73) Anthracene-d10	17.757	188	192081	20.767	ng/ul	0.00
81) Pyrene-d10	20.037	212	214769	18.502	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.283	264	212289	19.974	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.430	94	7262m	1.992	ng/ul	
30) Naphthalene	11.166	128	565258	63.995	ng/ul	99
32) 4-Chloroaniline	11.260	127	31507	8.224	ng/ul	97
36) 2-Methylnaphthalene	12.752	142	37941	6.021	ng/ul	100
37) 1-Methylnaphthalene	12.970	142	23749	3.630	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	13.117	216	13172	3.845	ng/ul#	89
43) 1,1'-Biphenyl	13.745	154	9636	1.277	ng/ul	96
52) Acenaphthene	14.973	153	7562	1.195	ng/ul	87
56) Dibenzofuran	15.302	168	11481	1.232	ng/ul#	69
61) Fluorene	15.954	166	10719	1.396	ng/ul#	81
67) N-Nitrosodiphenylamine	16.154	169	29243	5.607	ng/ul#	83
72) Phenanthrene	17.705	178	33155	3.325	ng/ul#	84
78) Di-n-butylphthalate	18.609	149	24351	2.243	ng/ul#	72
80) Fluoranthene	19.708	202	14803	1.111	ng/ul#	93
82) Pyrene	20.066	202	30629	2.323	ng/ul	96
83) Butylbenzylphthalate	20.953	149	1273328	287.958	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.905	149	9036522	1458.924	ng/ul#	22
89) Di-n-octyl phthalate	23.209	149	5025213	461.889	ng/ul	100

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

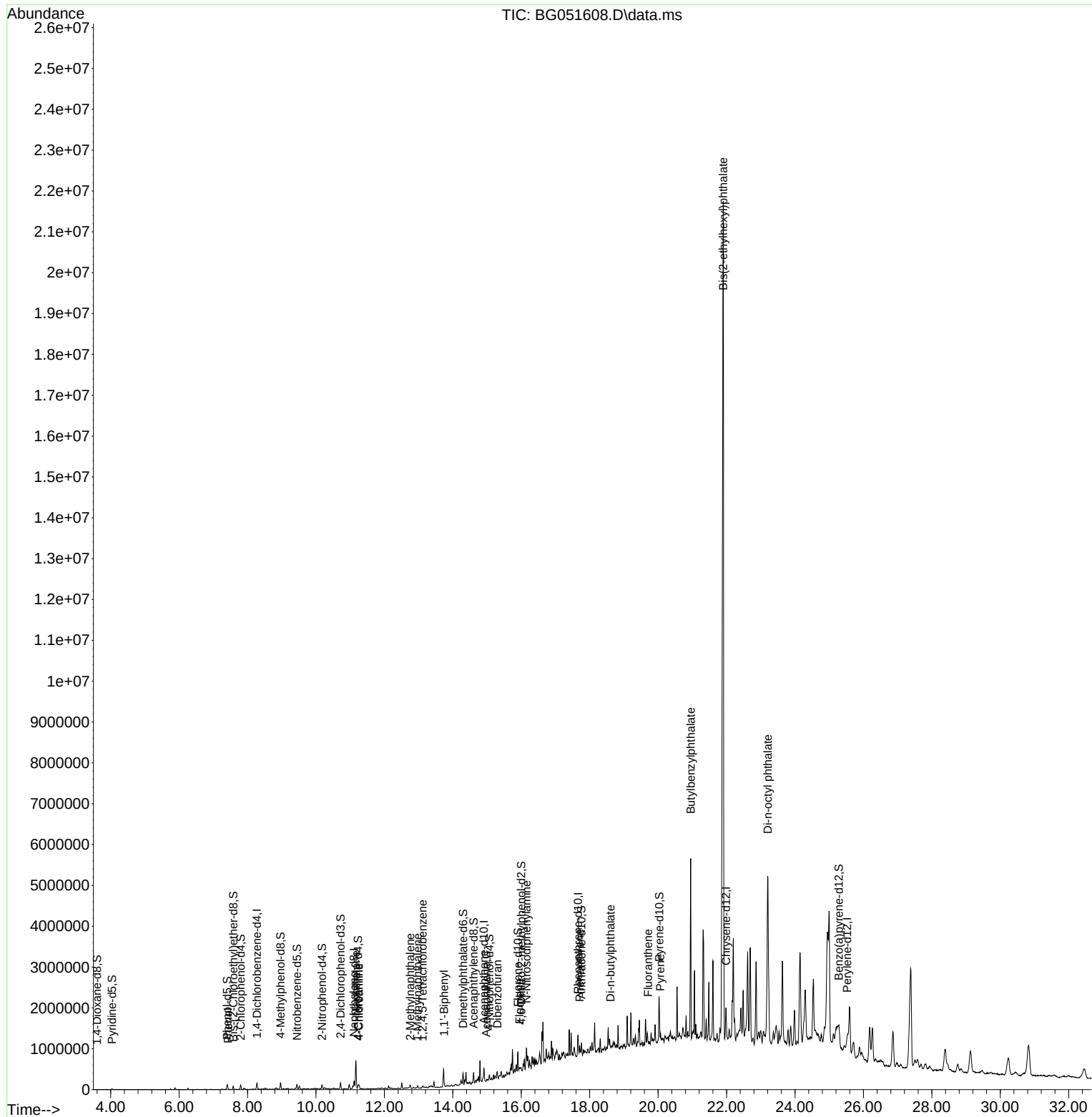
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051608.D
Acq On : 17 Dec 2021 23:06
Operator : CG/JU
Sample : M5121-04
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ALS Vial : 22 Sample Multiplier: 1

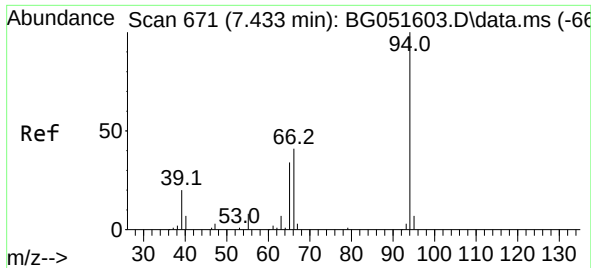
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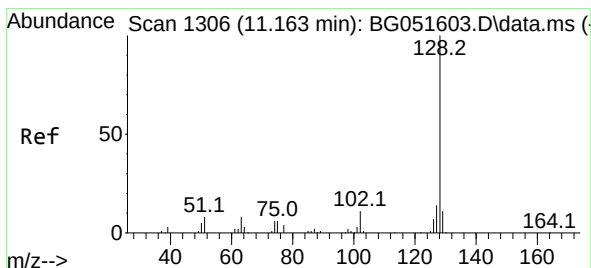
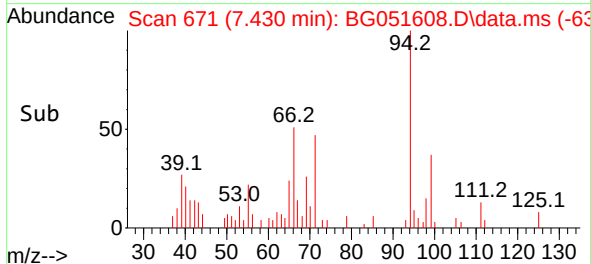
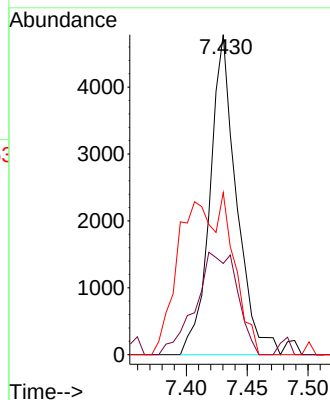
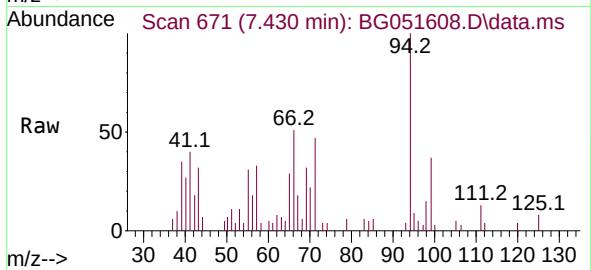
#8
Phenol
Concen: 1.992 ng/ul m
RT: 7.430 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Instrument :
BNA_G
ClientSampleId :
BGL53

Tgt Ion: 94 Resp: 726
Ion Ratio Lower Upper
94 100
65 28.5 25.1 37.7
66 50.6 31.6 47.4

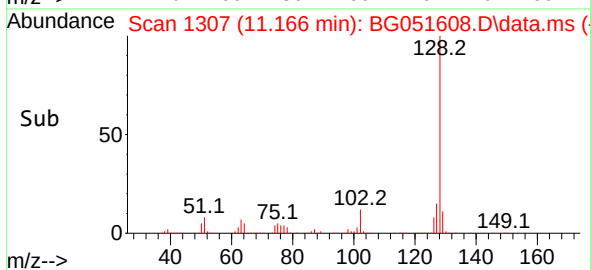
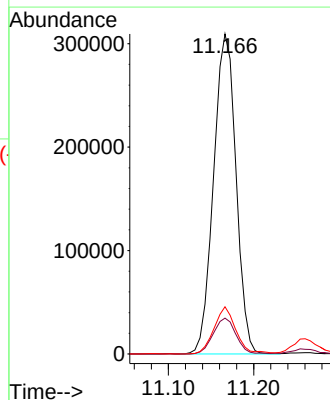
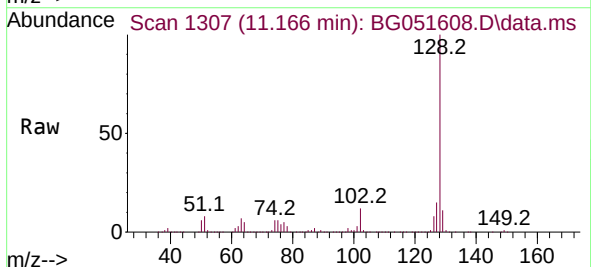
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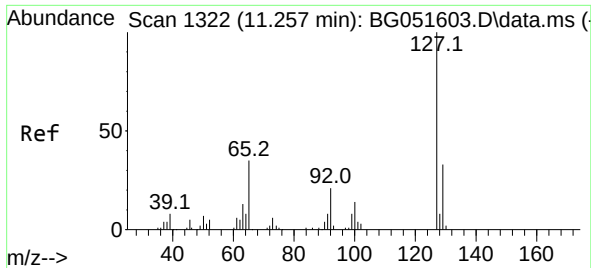
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#30
Naphthalene
Concen: 63.995 ng/ul
RT: 11.166 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Tgt Ion:128 Resp: 565258
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.8 11.8 17.6





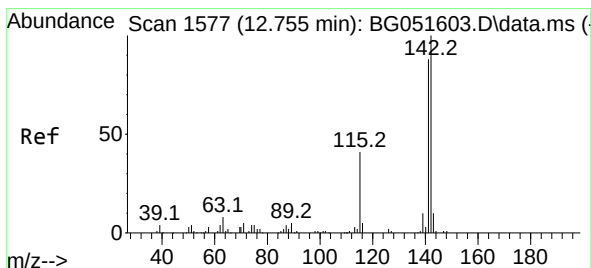
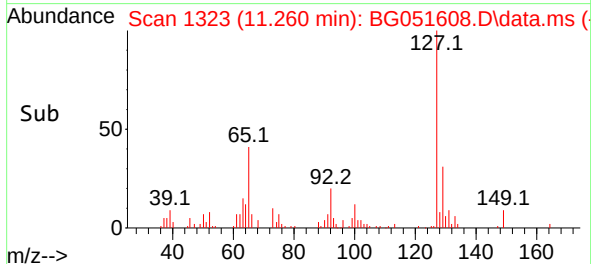
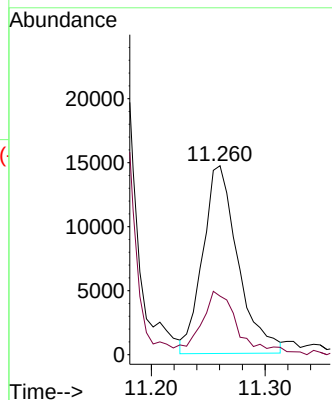
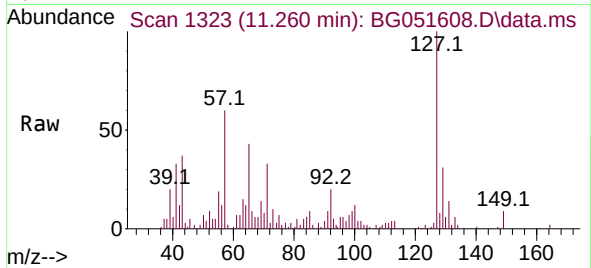
#32
4-Chloroaniline
Concen: 8.224 ng/ul
RT: 11.260 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Instrument :
BNA_G
ClientSampleId :
BGL53

Tgt Ion:127 Resp: 3150
Ion Ratio Lower Upper
127 100
129 31.0 26.2 39.2

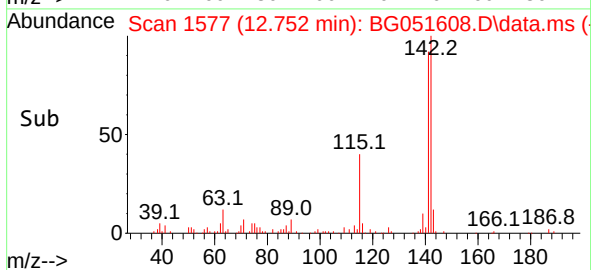
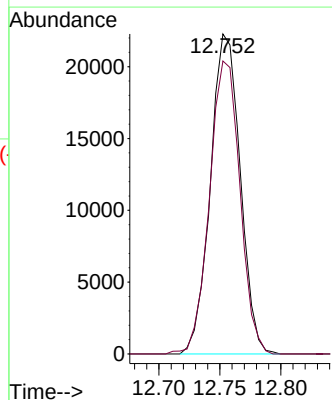
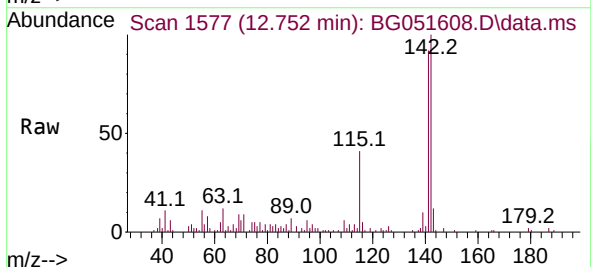
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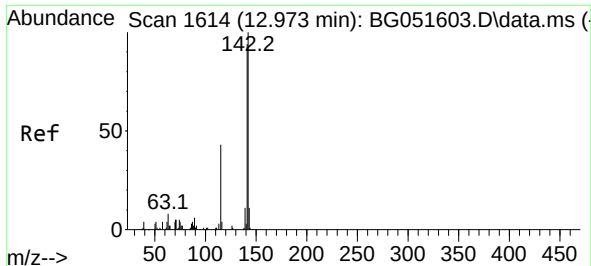
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#36
2-Methylnaphthalene
Concen: 6.021 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. -0.016 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

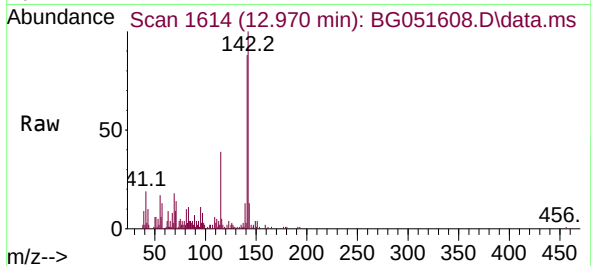
Tgt Ion:142 Resp: 37941
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#37
1-Methylnaphthalene
Concen: 3.630 ng/ul
RT: 12.970 min Scan# 1614
Delta R.T. -0.016 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

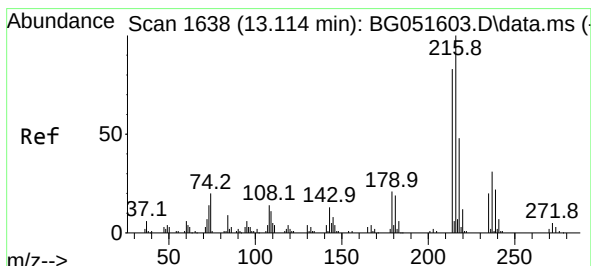
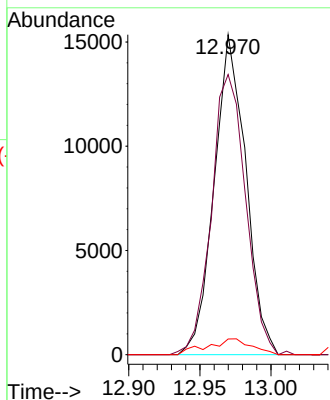
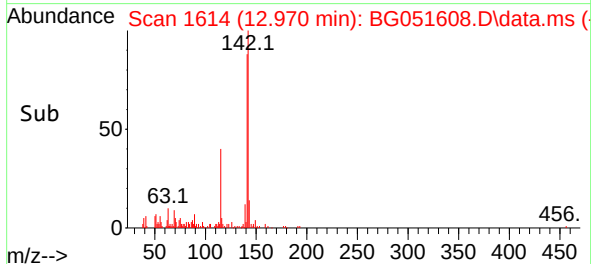
Instrument :
BNA_G
ClientSampleId :
BGL53



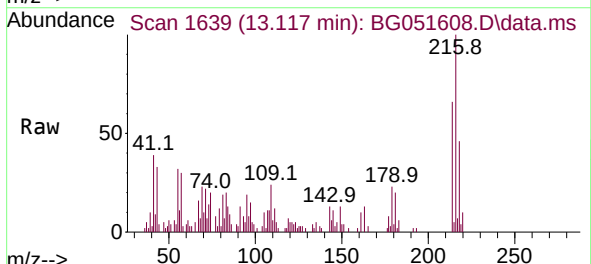
Tgt Ion:142 Resp: 23749
Ion Ratio Lower Upper
142 100
141 87.6 77.8 116.8
116 4.9 3.3 4.9

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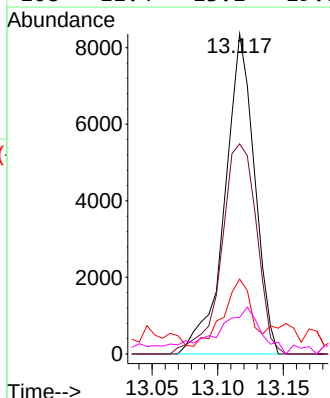
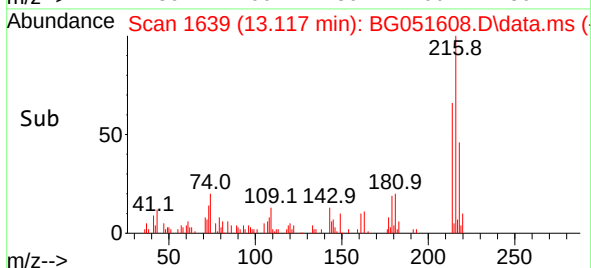
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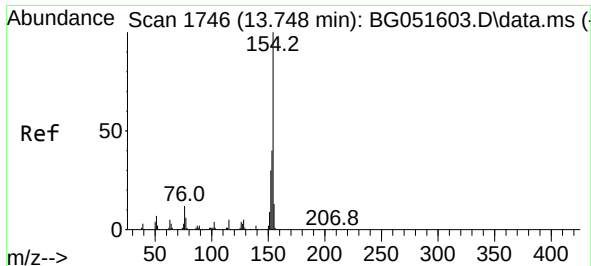


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.845 ng/ul
RT: 13.117 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06



Tgt Ion:216 Resp: 13172
Ion Ratio Lower Upper
216 100
214 65.7 61.0 91.4
179 23.4 16.2 24.2
108 11.4 13.1 19.7#





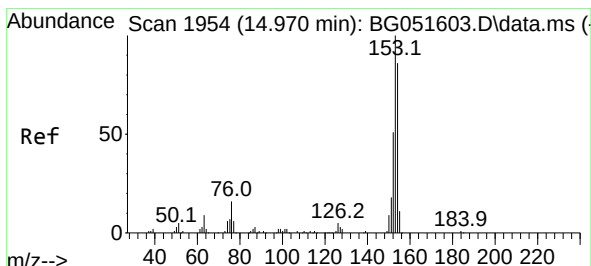
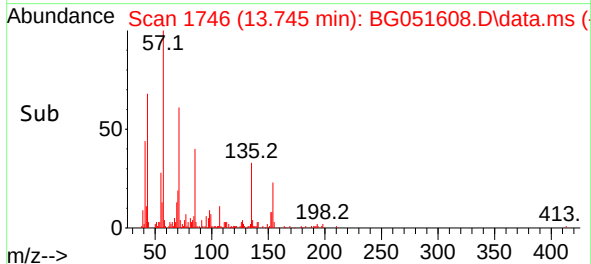
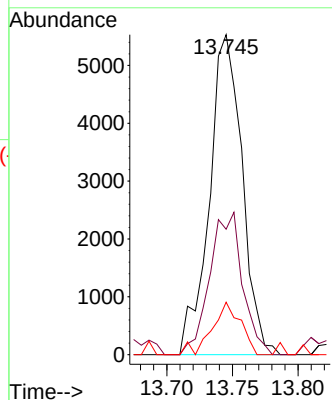
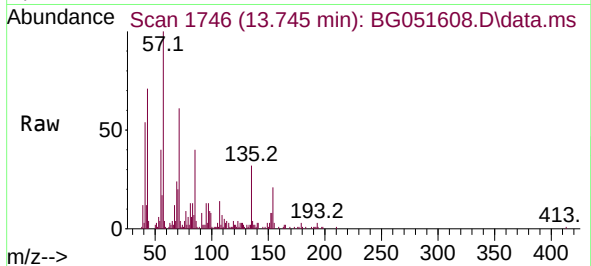
#43
1,1'-Biphenyl
Concen: 1.277 ng/ul
RT: 13.745 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Instrument :
BNA_G
ClientSampleId :
BGL53

Tgt Ion:154 Resp: 9630
Ion Ratio Lower Upper
154 100
153 39.2 34.5 51.7
76 16.4 13.1 19.7

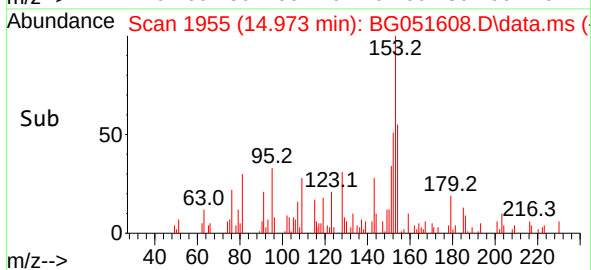
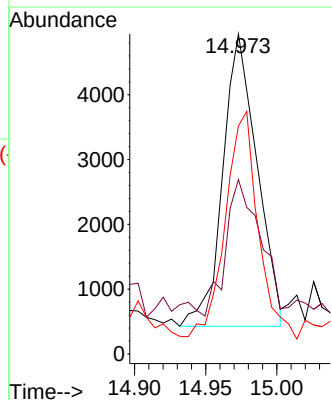
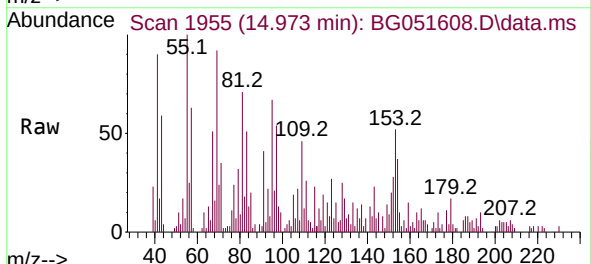
Manual Integrations
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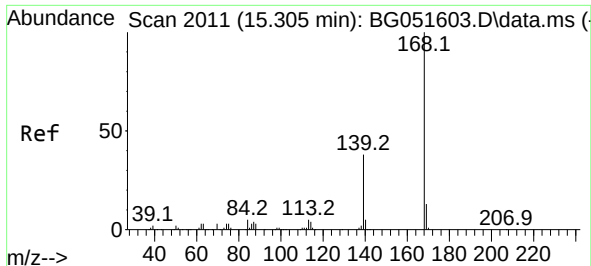
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#52
Acenaphthene
Concen: 1.195 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Tgt Ion:153 Resp: 7562
Ion Ratio Lower Upper
153 100
152 54.5 36.5 54.7
154 71.2 65.8 98.6





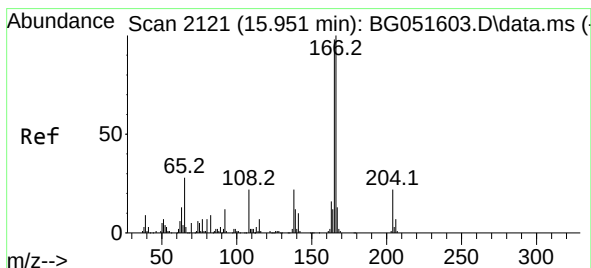
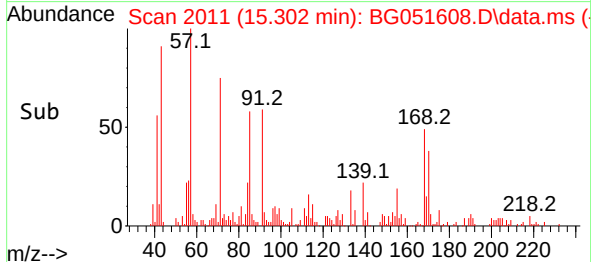
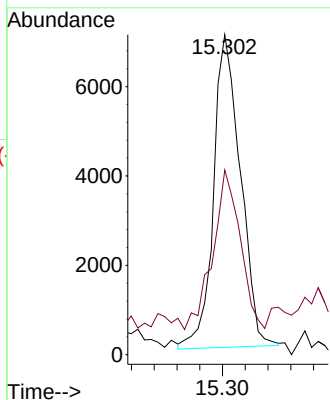
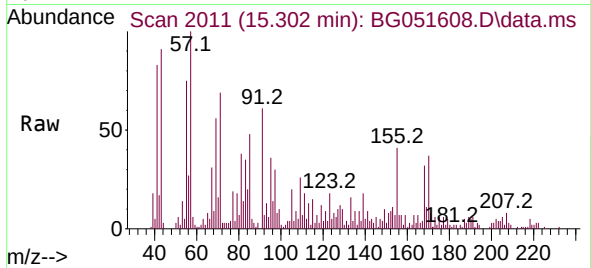
#56
Dibenzenofuran
Concen: 1.232 ng/ul
RT: 15.302 min Scan# 2011
Delta R.T. -0.016 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Instrument :
BNA_G
ClientSampleId :
BGL53

Tgt Ion:168 Resp: 1148
Ion Ratio Lower Upper
168 100
139 57.7 31.2 46.8

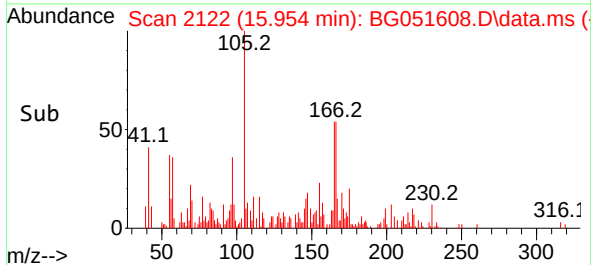
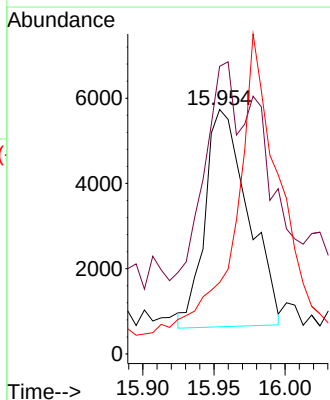
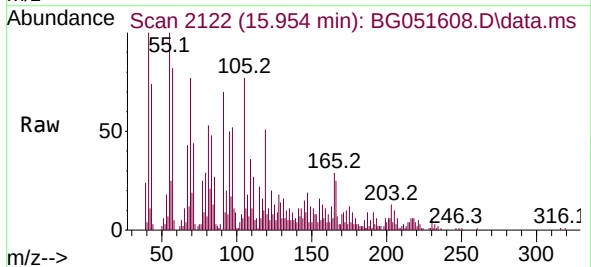
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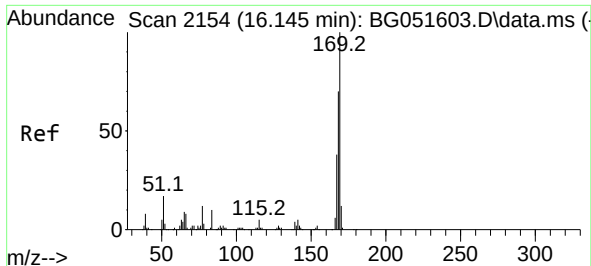
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#61
Fluorene
Concen: 1.396 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

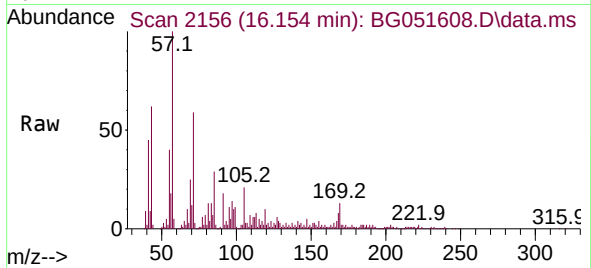
Tgt Ion:166 Resp: 10719
Ion Ratio Lower Upper
166 100
165 117.6 81.0 121.6
167 29.2 11.0 16.4





#67
N-Nitrosodiphenylamine
Concen: 5.607 ng/ul
RT: 16.154 min Scan# 2154
Delta R.T. -0.005 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

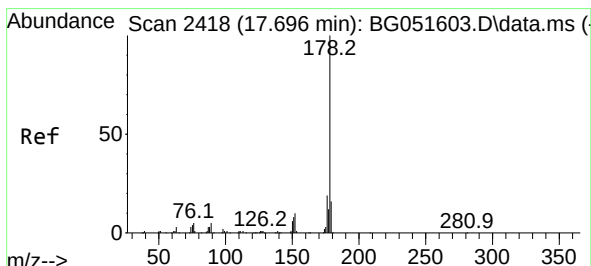
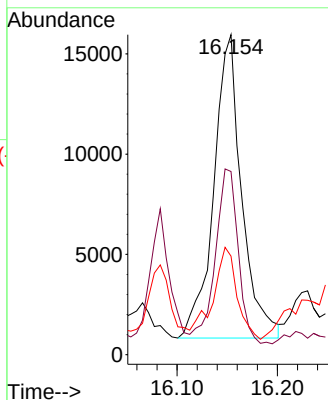
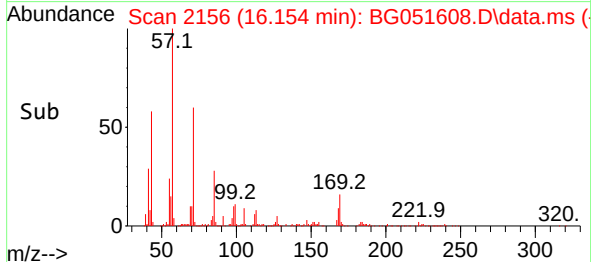
Instrument :
BNA_G
ClientSampleId :
BGL53



Tgt Ion:169 Resp: 2924
Ion Ratio Lower Upper
169 100
168 57.3 58.5 87.7
167 30.8 31.3 46.9

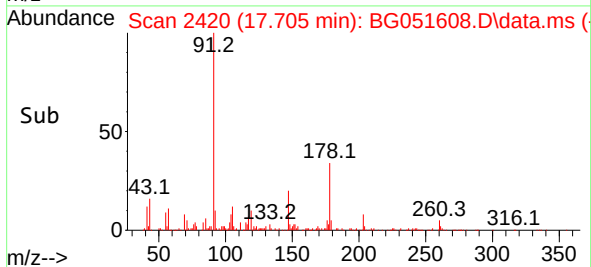
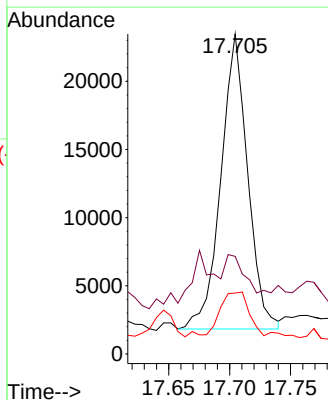
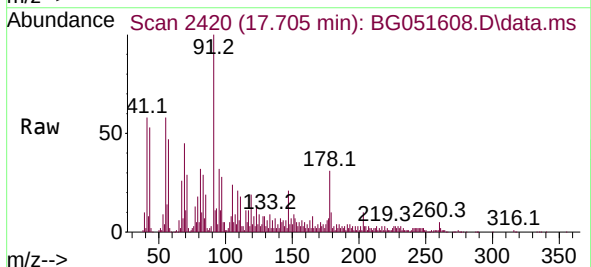
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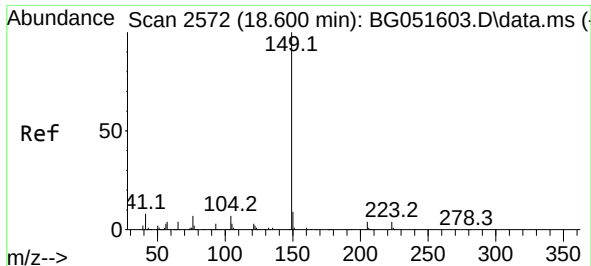
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#72
Phenanthrene
Concen: 3.325 ng/ul
RT: 17.705 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Tgt Ion:178 Resp: 33155
Ion Ratio Lower Upper
178 100
179 30.5 12.3 18.5
176 19.1 15.5 23.3





#78
Di-n-butylphthalate
Concen: 2.243 ng/ul
RT: 18.609 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Instrument :

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ClientSampleId :

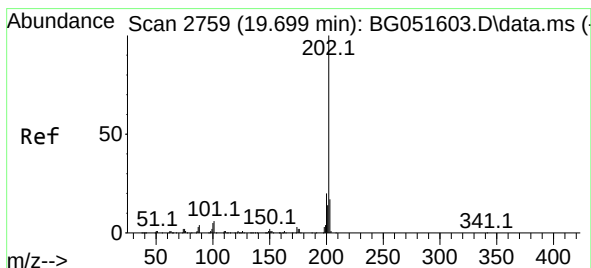
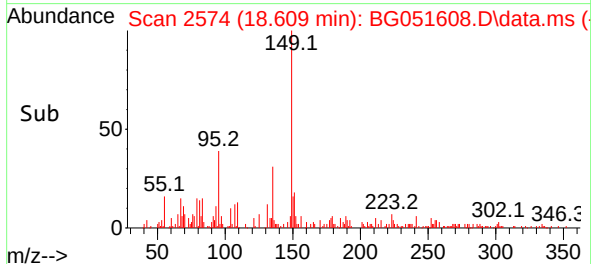
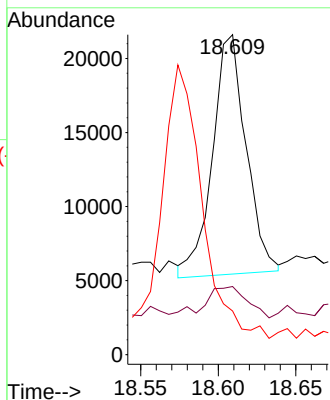
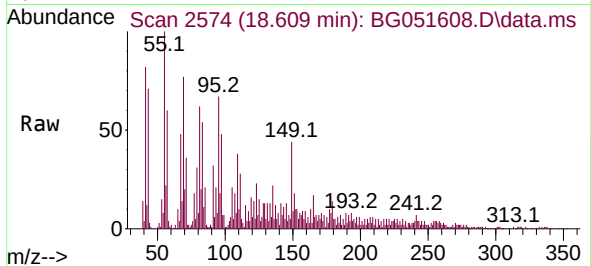
BGL53

Tgt Ion:149 Resp: 2435
Ion Ratio Lower Upper
149 100
150 21.3 7.5 11.3
104 13.7 5.0 7.6

Manual Integrations

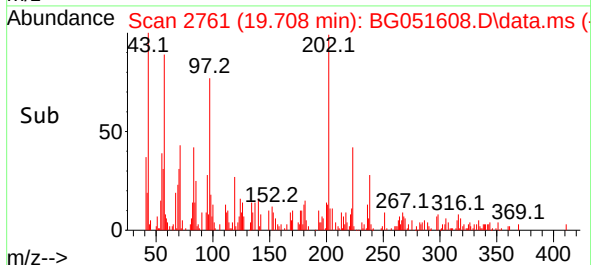
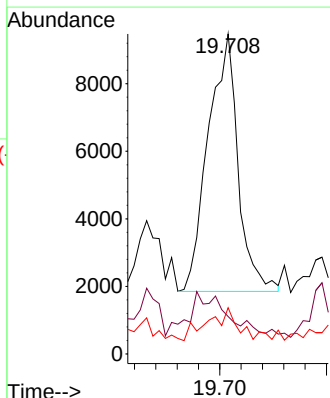
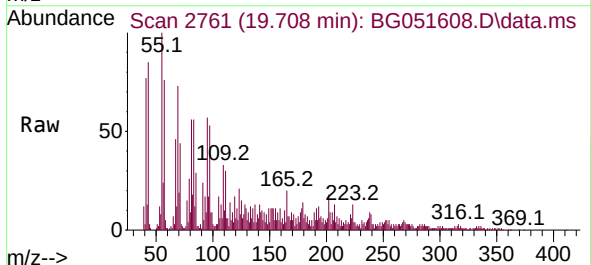
APPROVED

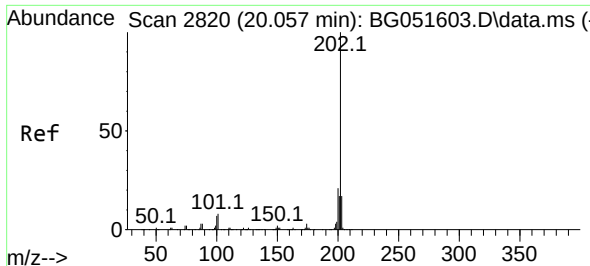
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#80
Fluoranthene
Concen: 1.111 ng/ul
RT: 19.708 min Scan# 2761
Delta R.T. 0.001 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Tgt Ion:202 Resp: 14803
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 14.5 7.0 10.6





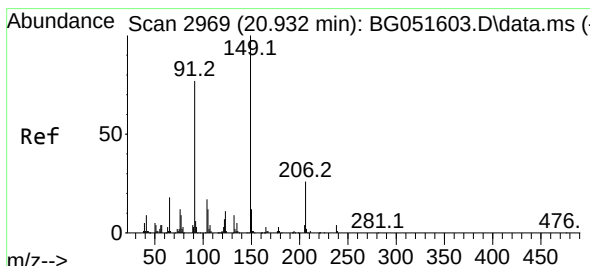
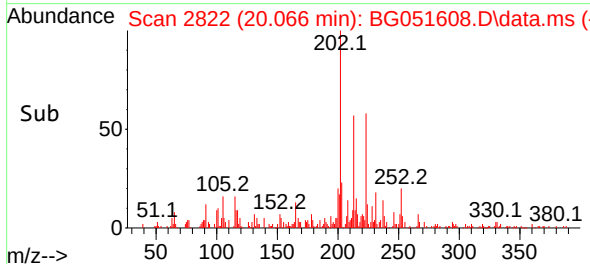
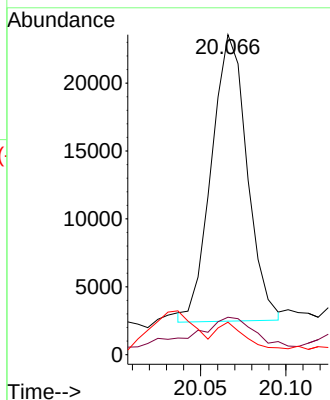
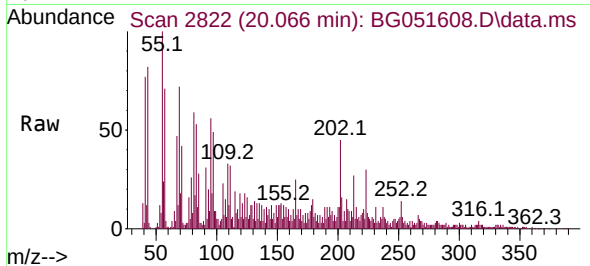
#82
 Pyrene
 Concen: 2.323 ng/ul
 RT: 20.066 min Scan# 2062
 Delta R.T. 0.001 min
 Lab File: BG051608.D
 Acq: 17 Dec 2021 23:06

Instrument :
 BNA_G
 ClientSampleId :
 BGL53

Tgt Ion:202 Resp: 30629
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.7 16.1
 100 10.1 9.0 13.6

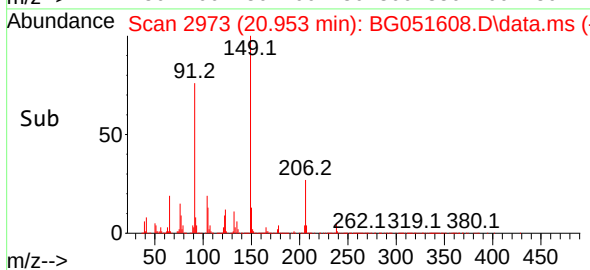
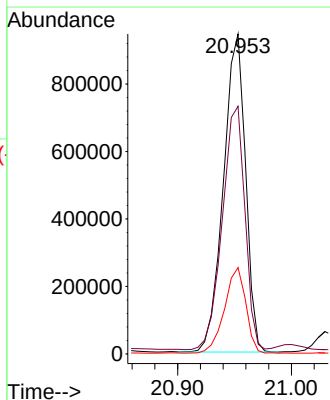
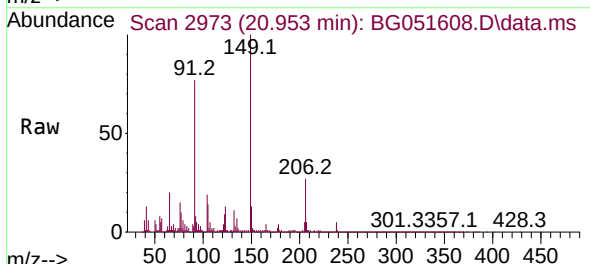
Manual Integrations
 APPROVED

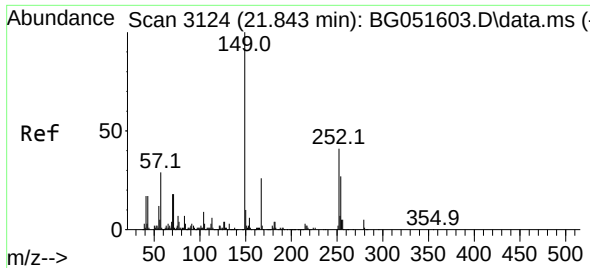
Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



#83
 Butylbenzylphthalate
 Concen: 287.958 ng/ul
 RT: 20.953 min Scan# 2973
 Delta R.T. 0.007 min
 Lab File: BG051608.D
 Acq: 17 Dec 2021 23:06

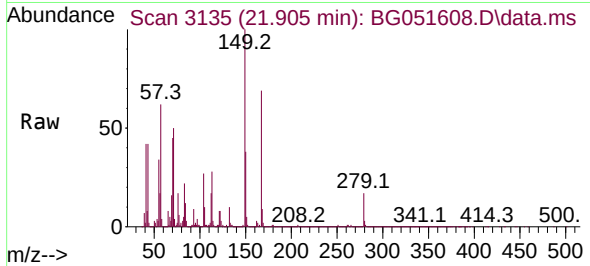
Tgt Ion:149 Resp: 1273328
 Ion Ratio Lower Upper
 149 100
 91 77.4 65.2 97.8
 206 27.0 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1458.924 ng/ul
RT: 21.905 min Scan# 3124
Delta R.T. 0.036 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

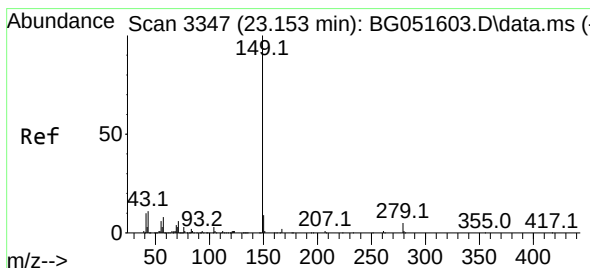
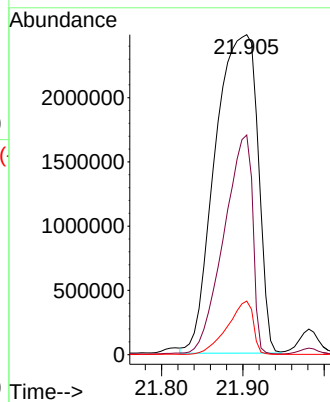
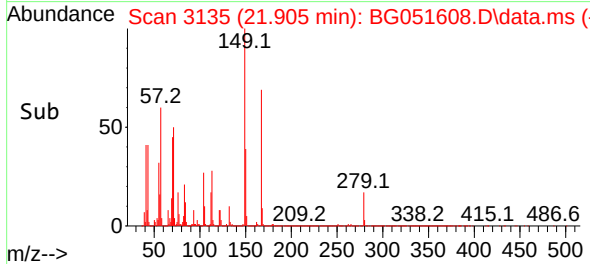
Instrument :
BNA_G
ClientSampleId :
BGL53



Tgt Ion:149 Resp: 903652
Ion Ratio Lower Upper
149 100
167 68.6 21.1 31.7
279 16.7 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#89
Di-n-octyl phthalate
Concen: 461.889 ng/ul
RT: 23.209 min Scan# 3357
Delta R.T. 0.025 min
Lab File: BG051608.D
Acq: 17 Dec 2021 23:06

Tgt Ion:149 Resp: 5025213

