

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051900.D
 Acq On : 6 Jan 2022 20:12
 Operator : CG/JU
 Sample : N1026-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLH4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

Quant Time: Jan 06 23:55:34 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	25497	20.000	ng/u1	0.00
20) Naphthalene-d8	11.092	136	107447	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.892	164	83240	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.642	188	206382	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.959	240	218600	20.000	ng/u1	# 0.00
88) Perylene-d12	25.449	264	234755	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.578	96	3608	5.056	ng/uL	0.00
4) Pyridine-d5	4.007	84	23349	10.526	ng/u1	0.00
7) Phenol-d5	7.385	99	18322	7.342	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	42065	26.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.773	132	33669	20.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.953	113	30327	15.633	ng/u1	0.00
21) Nitrobenzene-d5	9.423	128	22097	26.026	ng/u1	0.00
24) 2-Nitrophenol-d4	10.152	143	22808	24.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.704	165	46604	25.392	ng/u1	0.00
31) 4-Chloroaniline-d4	11.227	131	65634	25.678	ng/u1	0.01
46) Dimethylphthalate-d6	14.281	166	184729	26.848	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	223264	26.863	ng/u1	0.00
54) 4-Nitrophenol-d4	15.086	143	10146	8.820	ng/u1	0.02
60) Fluorene-d10	15.879	176	163127	27.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	28030	21.529	ng/u1	0.00
73) Anthracene-d10	17.736	188	286728	29.287	ng/u1	0.00
81) Pyrene-d10	20.015	212	357200	28.392	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.208	264	352511	28.524	ng/u1	0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.619	88	1557m	1.891	ng/uL	
8) Phenol	7.414	94	18418	7.231	ng/u1	99
13) 2-Methylphenol	8.689	108	142745	77.067	ng/u1	98
16) Acetophenone	9.077	105	28659	9.361	ng/u1	95
18) 4-Methylphenol	9.018	108	16773	8.360	ng/u1	86
26) 2,4-Dimethylphenol	10.240	107	221479m	98.910	ng/u1	
30) Naphthalene	11.139	128	455540	78.240	ng/u1	99
32) 4-Chloroaniline	11.262	127	1675381	643.180	ng/u1	95
36) 2-Methylnaphthalene	12.736	142	19312	4.656	ng/u1	95
37) 1-Methylnaphthalene	12.948	142	16135	3.791	ng/u1#	92
43) 1,1'-Biphenyl	13.723	154	7875	1.225	ng/u1#	81
59) Diethylphthalate	15.685	149	116642	16.664	ng/u1#	26
67) N-Nitrosodiphenylamine	16.132	169	15273	2.754	ng/u1	93
83) Butylbenzylphthalate	20.914	149	16458	3.304	ng/u1	87

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

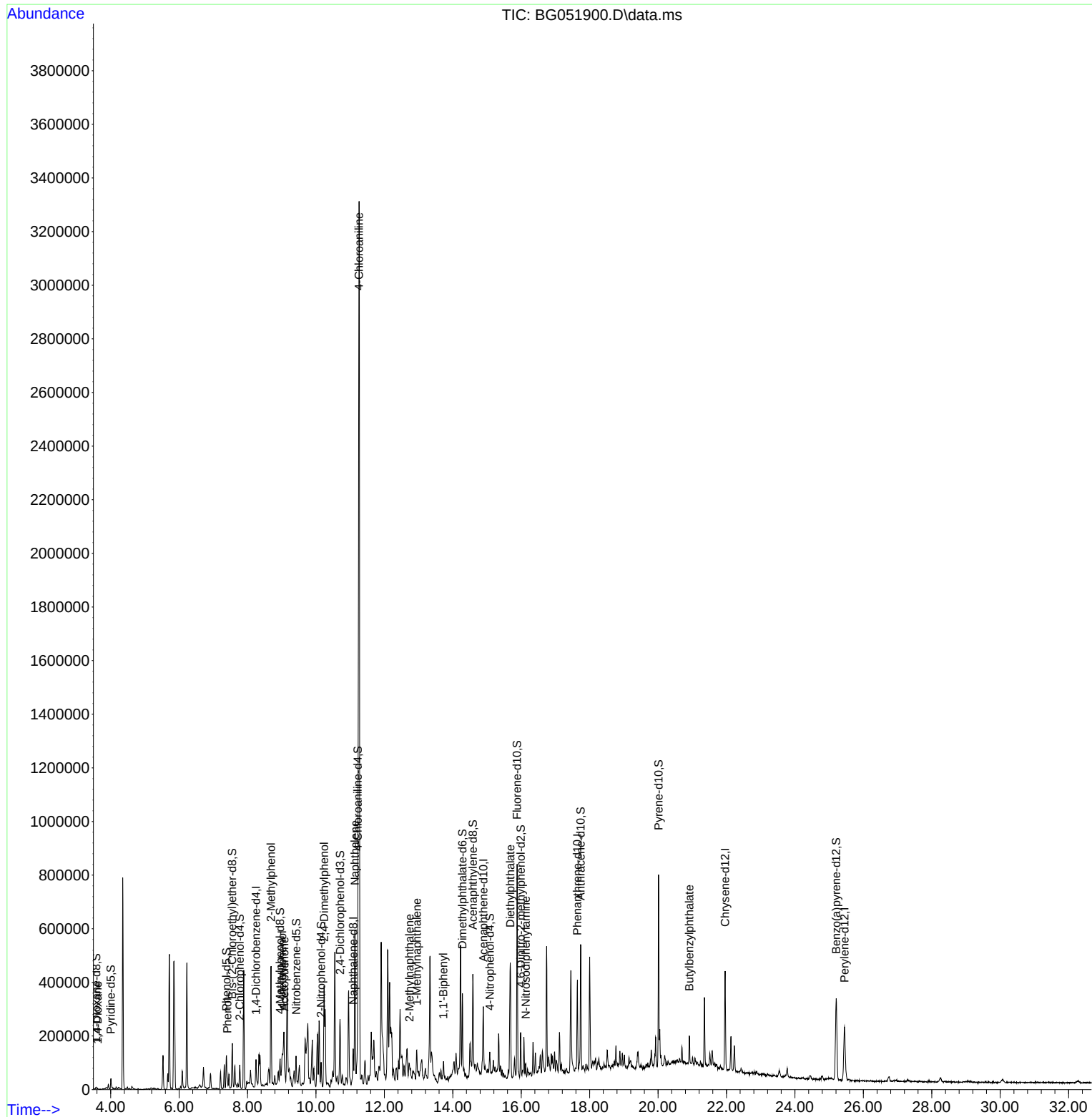
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Data File : BG051900.D
Acq On : 6 Jan 2022 20:12
Operator : CG/JU
Sample : N1026-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

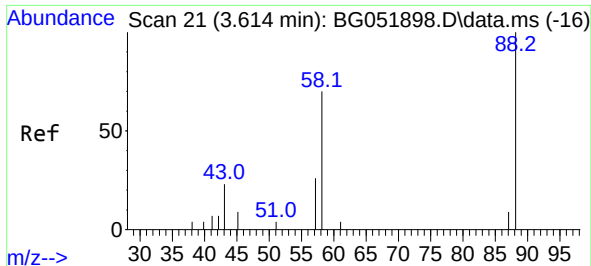
Instrument :
BNA_G
ClientSampleId :
BGLH4

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Supervised By :mohammad ahmed 01/12/2022

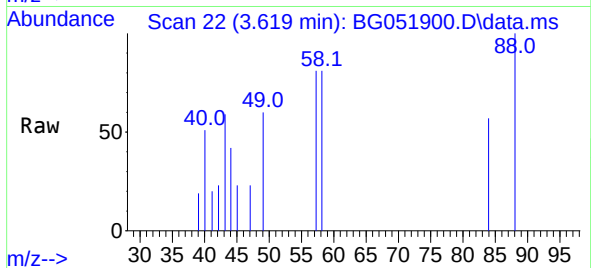
Quant Time: Jan 06 23:55:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.891 ng/uL m
RT: 3.619 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

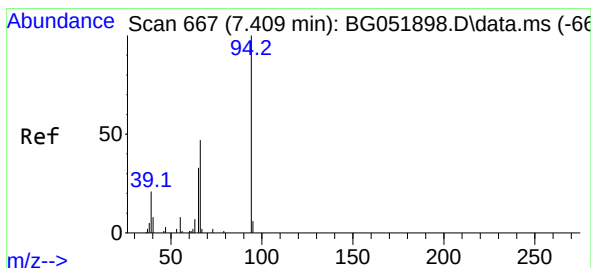
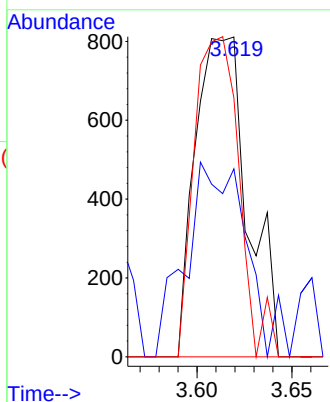
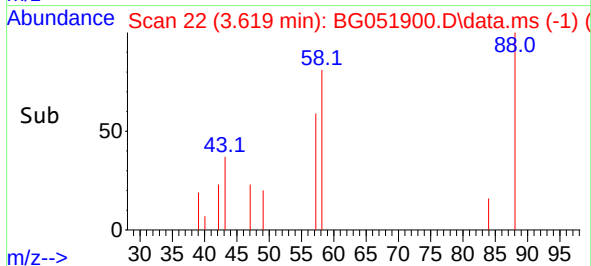
Instrument :
BNA_G
ClientSampleId :
BGLH4



Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
43 58.8 23.0 34.4
58 81.0 62.4 93.6

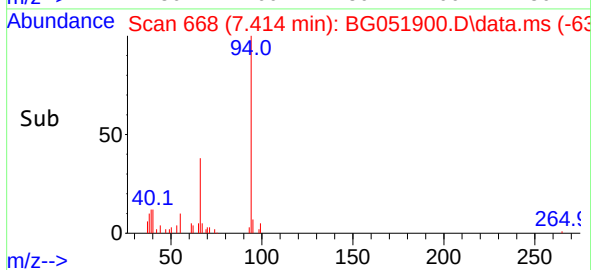
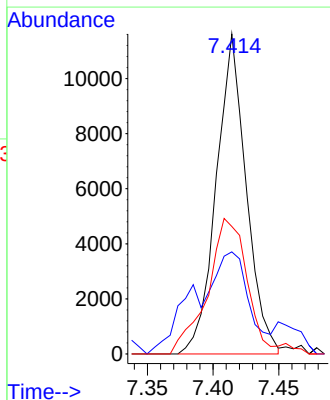
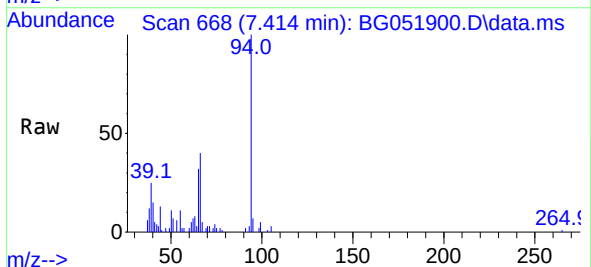
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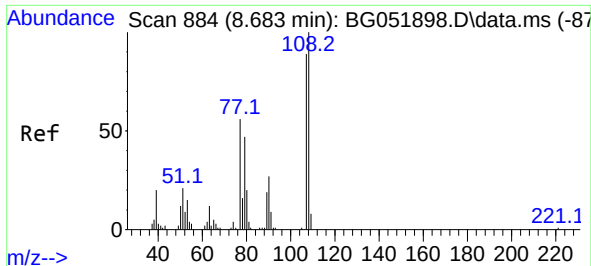
Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022



#8
Phenol
Concen: 7.231 ng/uL
RT: 7.414 min Scan# 668
Delta R.T. -0.004 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

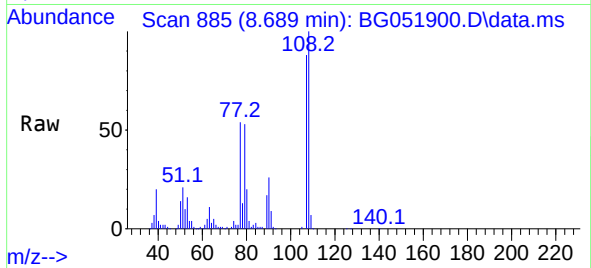
Tgt Ion: 94 Resp: 18418
Ion Ratio Lower Upper
94 100
65 31.9 25.1 37.7
66 39.8 31.6 47.4





#13
2-Methylphenol
Concen: 77.067 ng/ul
RT: 8.689 min Scan# 884
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

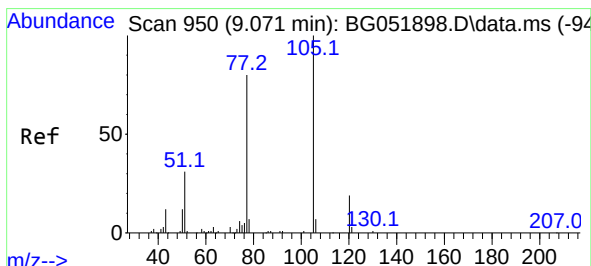
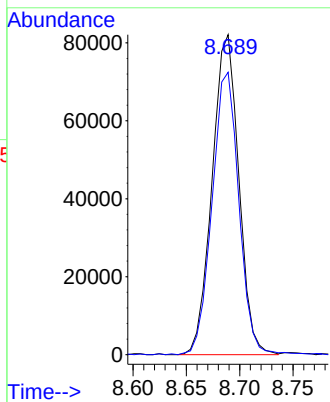
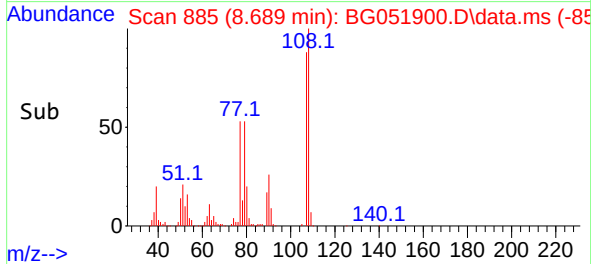
Instrument :
BNA_G
ClientSampleId :
BGLH4



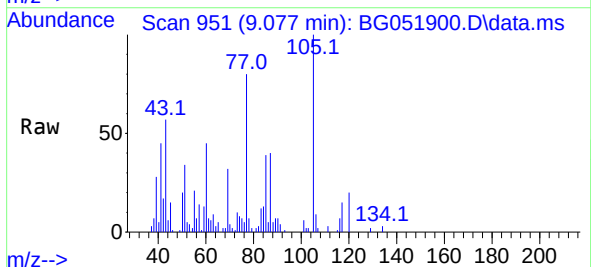
Tgt Ion:108 Resp: 142745
Ion Ratio Lower Upper
108 100
107 88.2 71.8 107.6

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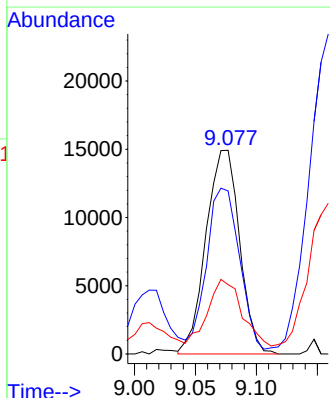
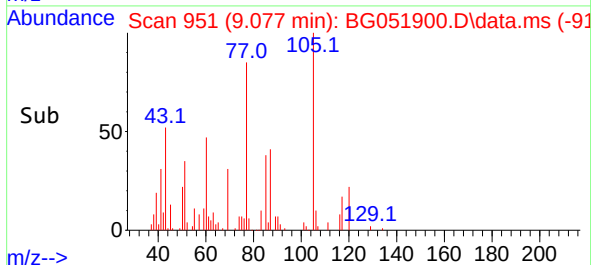
Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022

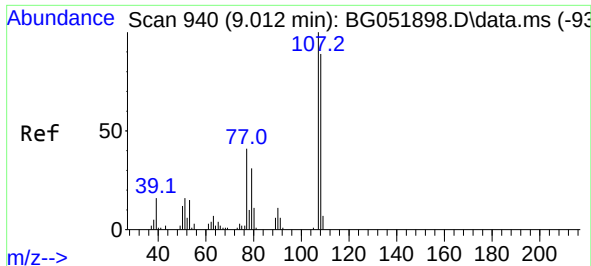


#16
Acetophenone
Concen: 9.361 ng/ul
RT: 9.077 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



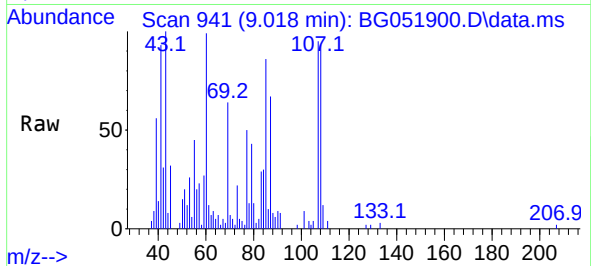
Tgt Ion:105 Resp: 28659
Ion Ratio Lower Upper
105 100
77 80.1 67.3 100.9
51 34.0 24.0 36.0





#18
4-Methylphenol
Concen: 8.360 ng/ul
RT: 9.018 min Scan# 940
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

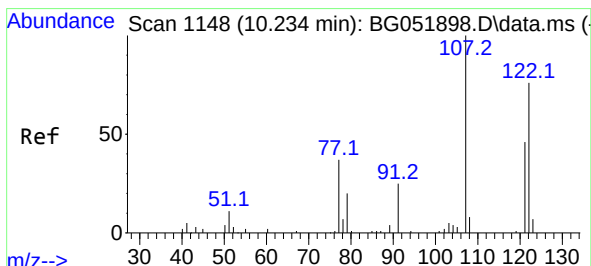
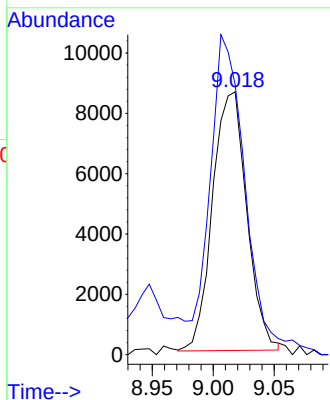
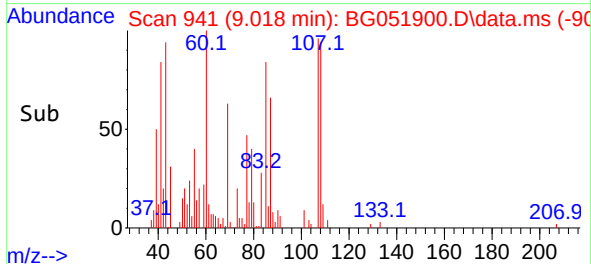
Instrument :
BNA_G
ClientSampleId :
BGLH4



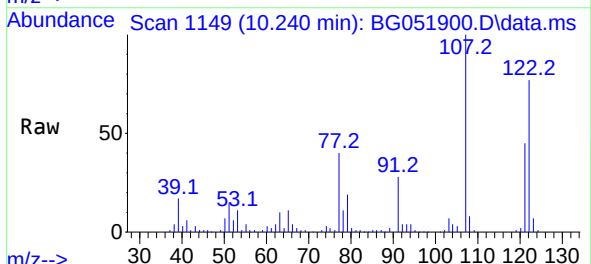
Tgt Ion:108 Resp: 1677
Ion Ratio Lower Upper
108 100
107 102.8 95.0 142.4

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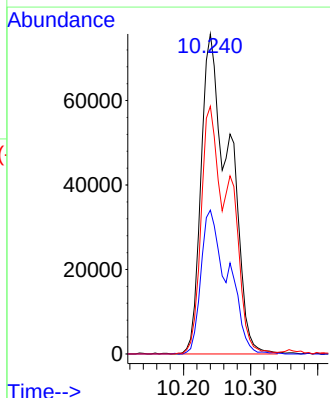
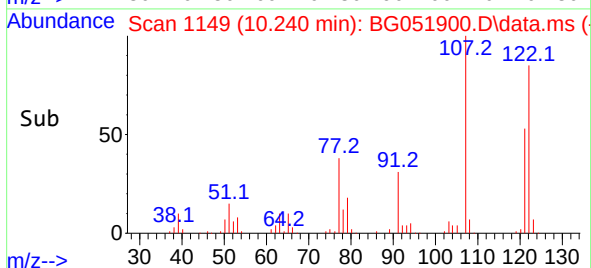
Reviewed By :Jagrut Upadhyay 01/07/2022
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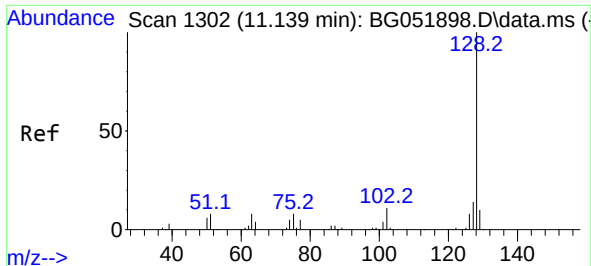


#26
2,4-Dimethylphenol
Concen: 98.910 ng/ul m
RT: 10.240 min Scan# 1149
Delta R.T. 0.007 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



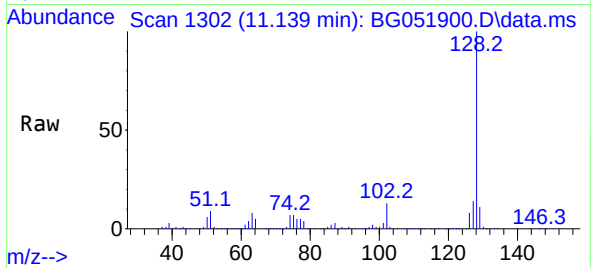
Tgt Ion:107 Resp: 221479
Ion Ratio Lower Upper
107 100
121 45.0 39.3 58.9
122 77.4 63.7 95.5





#30
Naphthalene
Concen: 78.240 ng/ul
RT: 11.139 min Scan# 1113
Delta R.T. -0.004 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

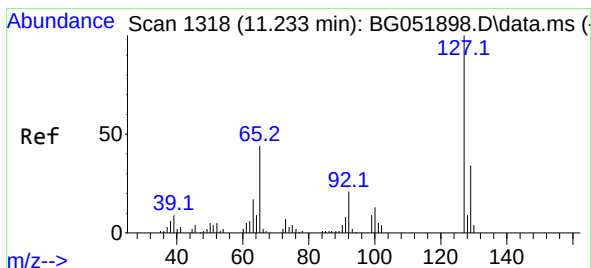
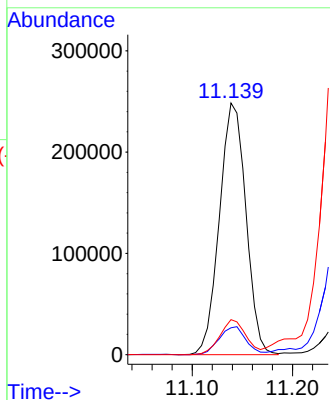
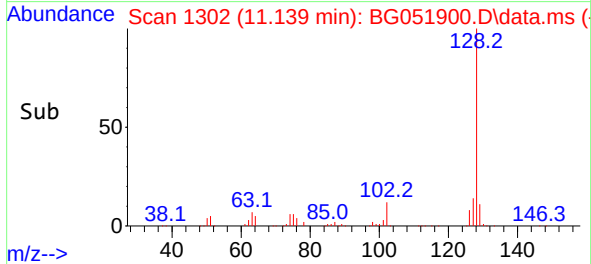
Instrument :
BNA_G
ClientSampleId :
BGLH4



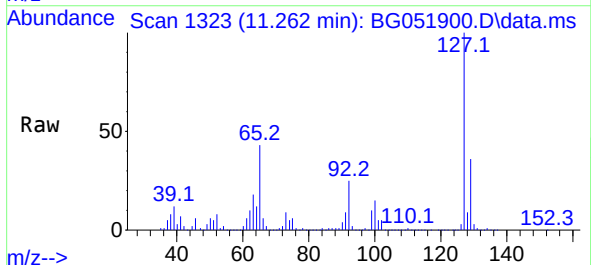
Tgt Ion:128 Resp: 455540
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 14.0 11.8 17.6

Manual Integrations
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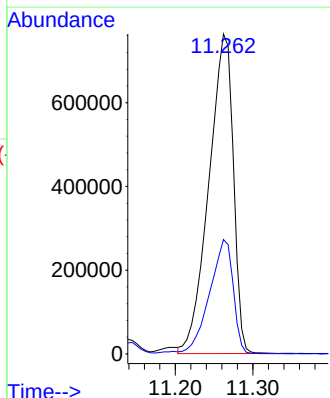
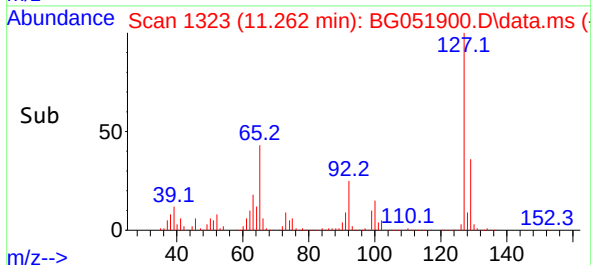
Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022

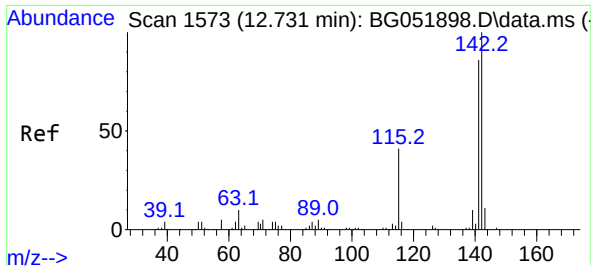


#32
4-Chloroaniline
Concen: 643.180 ng/ul
RT: 11.262 min Scan# 1323
Delta R.T. 0.019 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



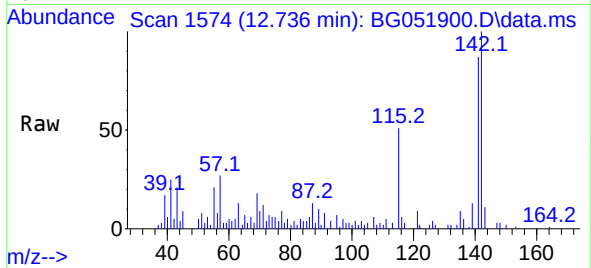
Tgt Ion:127 Resp: 1675381
Ion Ratio Lower Upper
127 100
129 35.8 26.2 39.2





#36
2-Methylnaphthalene
Concen: 4.656 ng/ul
RT: 12.736 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

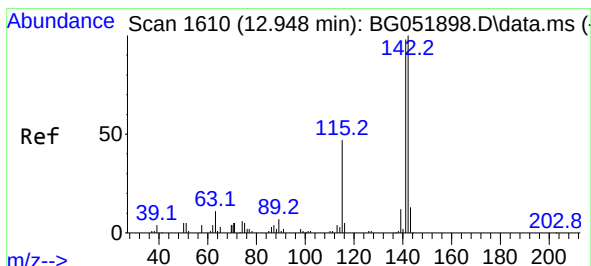
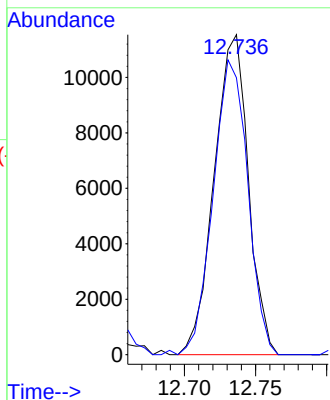
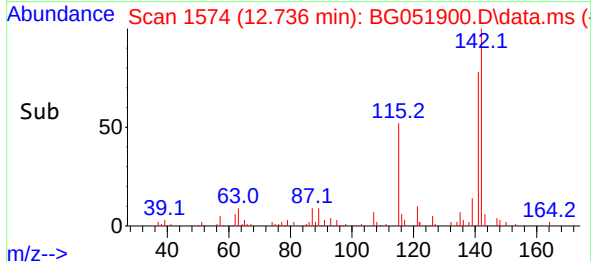
Instrument :
BNA_G
ClientSampleId :
BGLH4



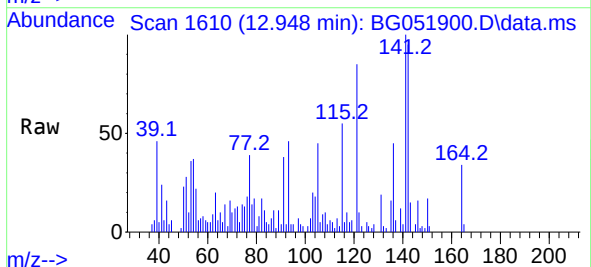
Tgt Ion:142 Resp: 1931
Ion Ratio Lower Upper
142 100
141 86.6 73.3 109.9

Manual Integrations
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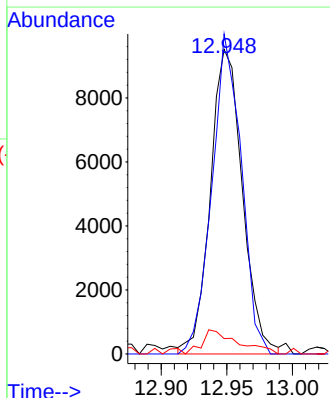
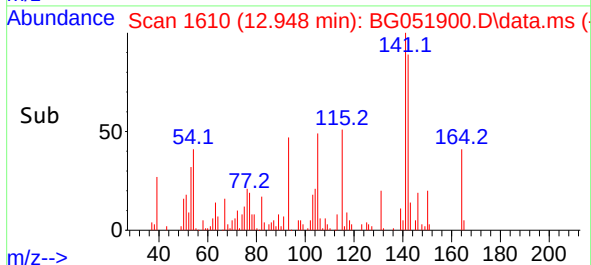
Reviewed By :Jagrut Upadhyay 01/07/2022
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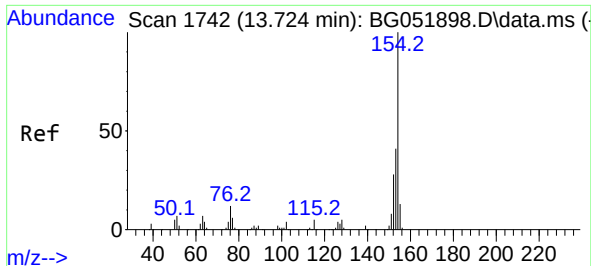


#37
1-Methylnaphthalene
Concen: 3.791 ng/ul
RT: 12.948 min Scan# 1610
Delta R.T. -0.004 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



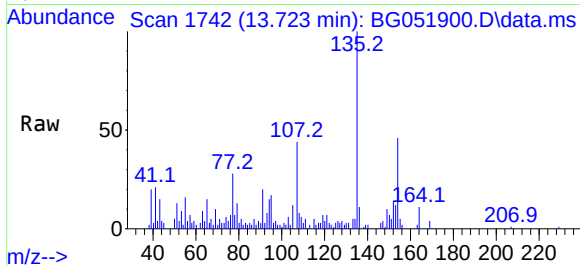
Tgt Ion:142 Resp: 16135
Ion Ratio Lower Upper
142 100
141 105.0 77.8 116.8
116 5.0 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 1.225 ng/ul
RT: 13.723 min Scan# 1742
Delta R.T. -0.004 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

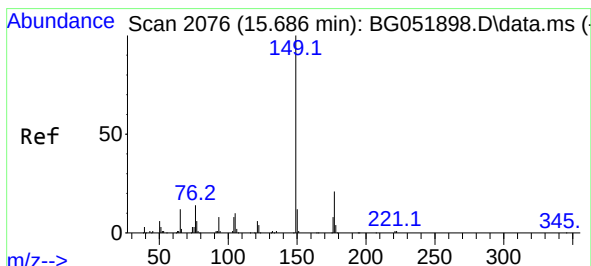
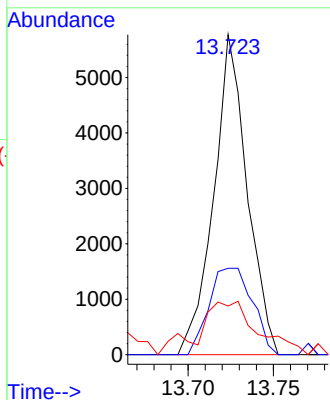
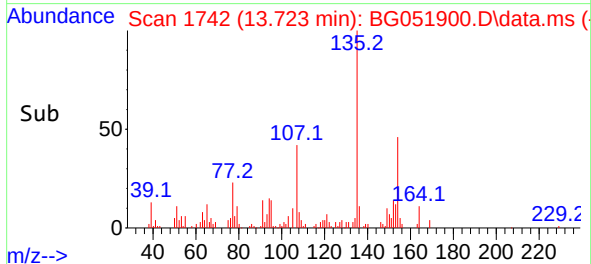
Instrument :
BNA_G
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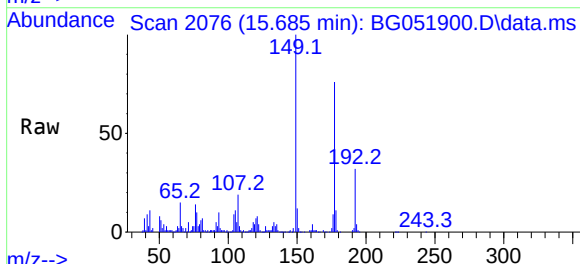
Tgt Ion:154 Resp: 7875
Ion Ratio Lower Upper
154 100
153 27.0 34.5 51.7
76 15.2 13.1 19.7

Manual Integrations
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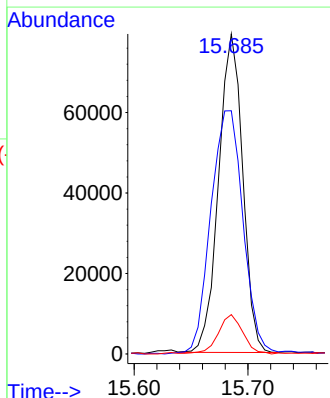
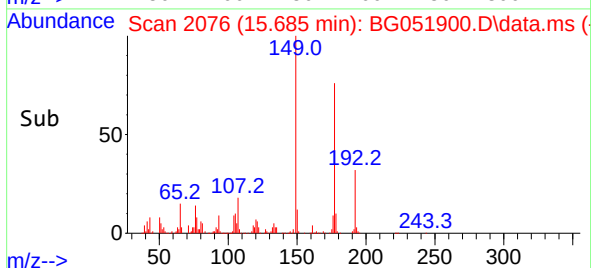
Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022

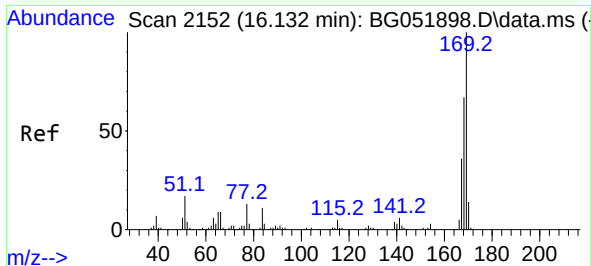


#59
Diethylphthalate
Concen: 16.664 ng/ul
RT: 15.685 min Scan# 2076
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



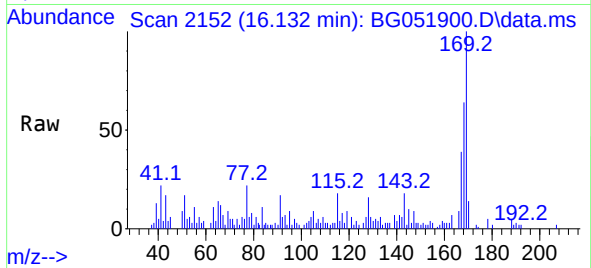
Tgt Ion:149 Resp: 116642
Ion Ratio Lower Upper
149 100
177 76.0 16.8 25.2#
150 12.3 10.1 15.1





#67
N-Nitrosodiphenylamine
Concen: 2.754 ng/ul
RT: 16.132 min Scan# 2152
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12

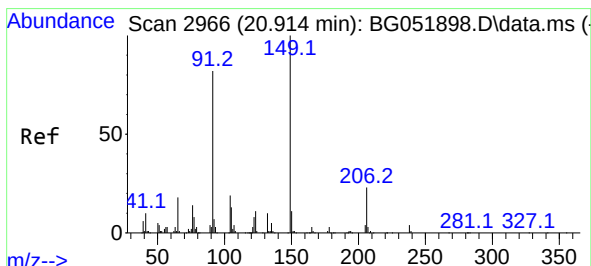
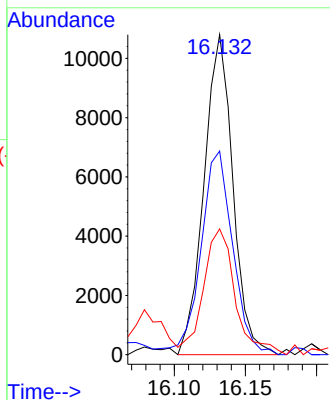
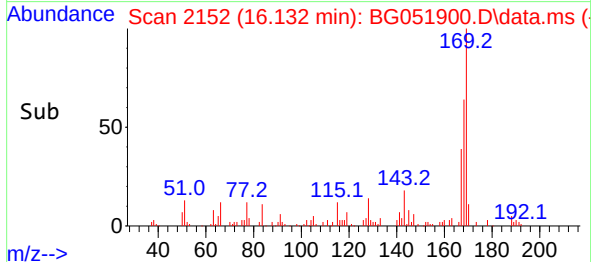
Instrument :
BNA_G
ClientSampleId :
BGLH4



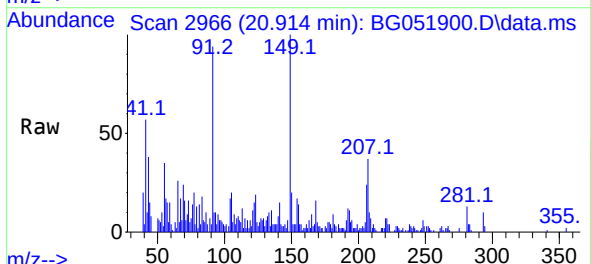
Tgt Ion:169 Resp: 1527
Ion Ratio Lower Upper
169 100
168 63.6 58.5 87.7
167 39.3 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022



#83
Butylbenzylphthalate
Concen: 3.304 ng/ul
RT: 20.914 min Scan# 2966
Delta R.T. 0.002 min
Lab File: BG051900.D
Acq: 6 Jan 2022 20:12



Tgt Ion:149 Resp: 16458
Ion Ratio Lower Upper
149 100
91 93.8 65.2 97.8
206 24.0 16.2 24.2

