

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051071.D
 Acq On : 16 Nov 2021 17:54
 Operator : CG/JU
 Sample : M4681-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 00:41:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	31097	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	132268	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	90308	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	222158	20.000	ng	# 0.00
76) Chrysene-d12	21.901	240	202624	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	202672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	275901	132.721	ng	0.00
7) Phenol-d6	7.371	99	368121	125.461	ng	0.00
23) Nitrobenzene-d5	9.398	82	242140	81.038	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	127702	141.304	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	464629	81.292	ng	0.00
79) Terphenyl-d14	20.186	244	809563	73.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	38945	42.744	ng	92
3) Pyridine	4.022	79	90257	32.703	ng	# 89
4) n-Nitrosodimethylamine	3.934	42	56198	45.905	ng	# 39
6) Aniline	7.542	93	108366	31.010	ng	95
8) 2-Chlorophenol	7.782	128	106762	50.001	ng	93
9) Benzaldehyde	7.354	77	77093	36.513	ng	89
10) Phenol	7.401	94	148408	49.250	ng	83
11) bis(2-Chloroethyl)ether	7.630	93	102827	44.285	ng	88
12) 1,3-Dichlorobenzene	8.112	146	106868	45.954	ng	95
13) 1,4-Dichlorobenzene	8.258	146	110571	47.239	ng	95
14) 1,2-Dichlorobenzene	8.582	146	104918	46.152	ng	95
15) Benzyl Alcohol	8.458	79	111569	48.343	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.740	45	156039	41.923	ng	85
17) 2-Methylphenol	8.664	107	97380	48.535	ng	92
18) Hexachloroethane	9.310	117	41251	46.428	ng	96
19) n-Nitroso-di-n-propyla...	9.028	70	94307	43.493	ng	# 88
20) 3+4-Methylphenols	8.993	107	132573	46.824	ng	93
22) Acetophenone	9.052	105	160298	43.604	ng	95
24) Nitrobenzene	9.439	77	137373	46.633	ng	95
25) Isophorone	9.962	82	237965	44.063	ng	# 96
26) 2-Nitrophenol	10.156	139	60345	48.199	ng	# 88
27) 2,4-Dimethylphenol	10.203	122	104375	54.694	ng	96
28) bis(2-Chloroethoxy)met...	10.438	93	138264	43.070	ng	93
29) 2,4-Dichlorophenol	10.691	162	103066	50.513	ng	93
30) 1,2,4-Trichlorobenzene	10.908	180	103221	45.156	ng	96
31) Naphthalene	11.102	128	317453	44.697	ng	98
32) Benzoic acid	10.356	122	78798	53.576	ng	90
33) 4-Chloroaniline	11.208	127	60487	20.157	ng	94
34) Hexachlorobutadiene	11.367	225	63849	45.905	ng	93
35) Caprolactam	11.995	113	41109m	74.101	ng	
36) 4-Chloro-3-methylphenol	12.318	107	125586	49.334	ng	94
37) 2-Methylnaphthalene	12.689	142	225961	46.820	ng	92
38) 1-Methylnaphthalene	12.906	142	210088	44.545	ng	90
40) 1,2,4,5-Tetrachloroben...	13.053	216	119686	45.493	ng	98
41) Hexachlorocyclopentadiene	13.023	237	118648	132.428	ng	89
43) 2,4,6-Trichlorophenol	13.294	196	90365	48.142	ng	94

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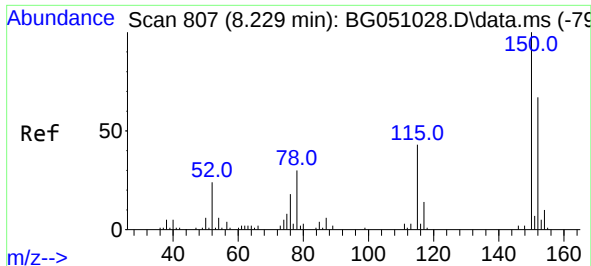
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.364	196	98792	49.350	ng	92
46) 1,1'-Biphenyl	13.681	154	286146	43.392	ng	95
47) 2-Chloronaphthalene	13.734	162	233315	45.123	ng	98
48) 2-Nitroaniline	13.940	65	93714	47.329	ng	91
49) Acenaphthylene	14.580	152	382490	45.738	ng	96
50) Dimethylphthalate	14.298	163	320716	45.136	ng	99
51) 2,6-Dinitrotoluene	14.428	165	70261	48.045	ng	# 81
52) Acenaphthene	14.915	154	219426	45.032	ng	92
53) 3-Nitroaniline	14.757	138	49621	29.033	ng	88
54) 2,4-Dinitrophenol	14.974	184	95402	119.295	ng	# 81
55) Dibenzofuran	15.250	168	368822	44.502	ng	96
56) 4-Nitrophenol	15.062	139	136135	104.119	ng	# 76
57) 2,4-Dinitrotoluene	15.215	165	104614	50.419	ng	# 92
58) Fluorene	15.897	166	299520	46.298	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.473	232	86531	50.753	ng	# 100
60) Diethylphthalate	15.644	149	342399	45.923	ng	98
61) 4-Chlorophenyl-phenyle...	15.879	204	160012	45.791	ng	95
62) 4-Nitroaniline	15.920	138	85066	47.882	ng	# 63
63) Azobenzene	16.173	77	351139	44.441	ng	82
65) 4,6-Dinitro-2-methylph...	15.979	198	65587	47.720	ng	93
66) n-Nitrosodiphenylamine	16.096	169	281070	44.054	ng	97
67) 4-Bromophenyl-phenylether	16.778	248	101022	43.412	ng	95
68) Hexachlorobenzene	16.901	284	105476	46.048	ng	97
69) Atrazine	17.036	200	119284	75.196	ng	95
70) Pentachlorophenol	17.248	266	130625	100.491	ng	94
71) Phenanthrene	17.642	178	539449	45.523	ng	98
72) Anthracene	17.736	178	551998	46.837	ng	99
73) Carbazole	18.000	167	516891	44.286	ng	98
74) Di-n-butylphthalate	18.529	149	625349	45.221	ng	# 97
75) Fluoranthene	19.639	202	668706	45.996	ng	96
77) Benzidine	19.815	184	250398	65.377	ng	98
78) Pyrene	20.003	202	668930	44.006	ng	98
80) Butylbenzylphthalate	20.867	149	276417	42.305	ng	99
81) Benzo(a)anthracene	21.878	228	611179	43.928	ng	99
82) 3,3'-Dichlorobenzidine	21.784	252	127724	20.073	ng	# 96
83) Chrysene	21.948	228	584754	44.553	ng	95
84) Bis(2-ethylhexyl)phtha...	21.743	149	401305	43.619	ng	# 97
85) Di-n-octyl phthalate	23.012	149	687607	44.399	ng	99
87) Indeno(1,2,3-cd)pyrene	29.234	276	672694	46.762	ng	# 95
88) Benzo(b)fluoranthene	24.216	252	613442	48.085	ng	# 93
89) Benzo(k)fluoranthene	24.287	252	593693	46.660	ng	# 97
90) Benzo(a)pyrene	25.145	252	594829	54.615	ng	# 95
91) Dibenzo(a,h)anthracene	29.293	278	565351	47.733	ng	# 94
92) Benzo(g,h,i)perylene	30.462	276	561633	48.185	ng	# 90

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

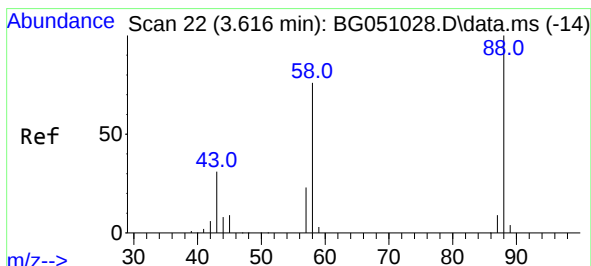
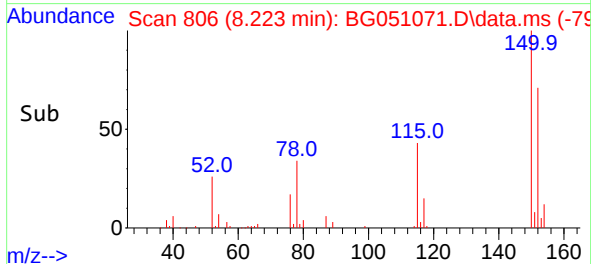
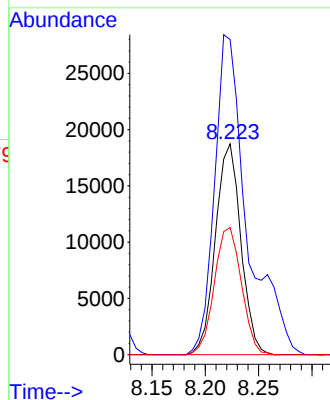
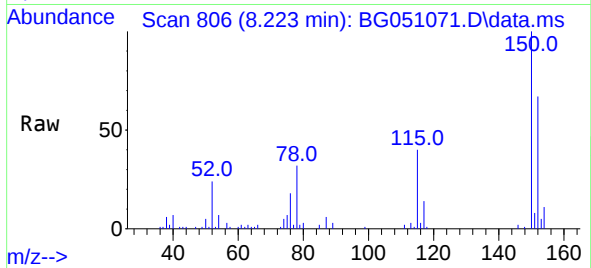
COMP-2MSD

Tgt Ion:152 Resp: 3109
Ion Ratio Lower Upper
152 100
150 149.5 119.4 179.0
115 60.3 60.2 90.4

Manual Integrations

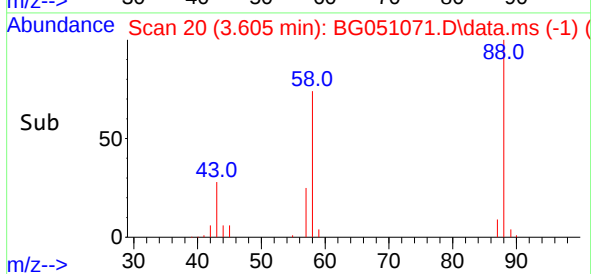
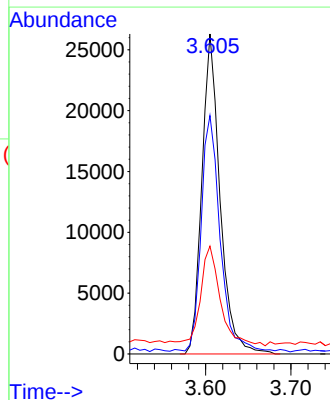
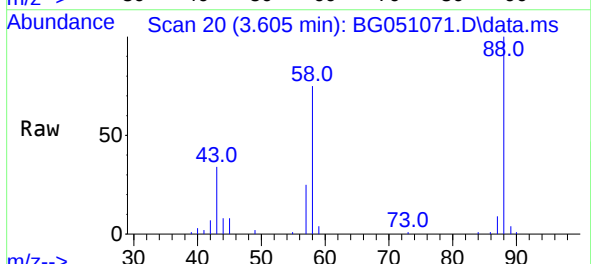
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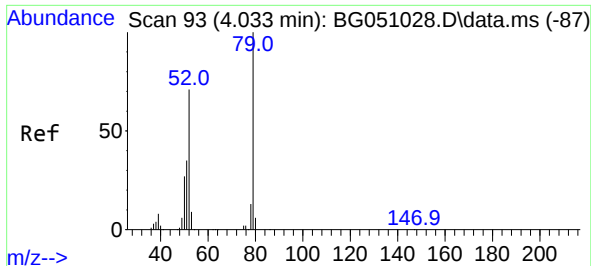
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#2
1,4-Dioxane
Concen: 42.744 ng
RT: 3.605 min Scan# 20
Delta R.T. -0.011 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion: 88 Resp: 38945
Ion Ratio Lower Upper
88 100
58 77.8 55.7 83.5
43 33.9 29.3 43.9





#3
Pyridine
Concen: 32.703 ng
RT: 4.022 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

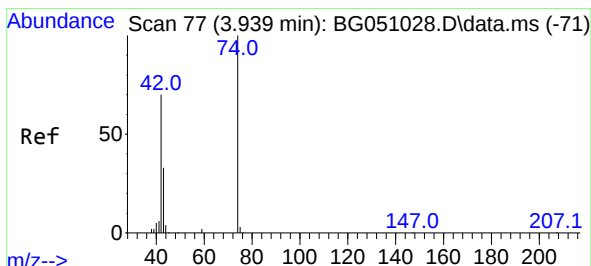
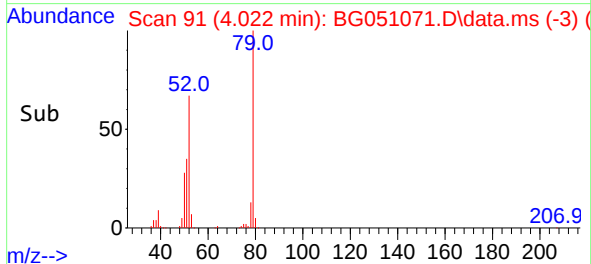
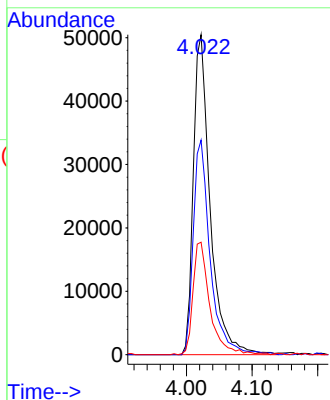
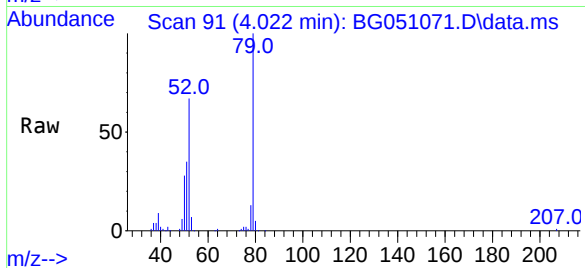
COMP-2MSD

Tgt Ion: 79 Resp: 9025
Ion Ratio Lower Upper
79 100
52 67.1 58.4 87.6
51 35.2 37.0 55.6

Manual Integrations

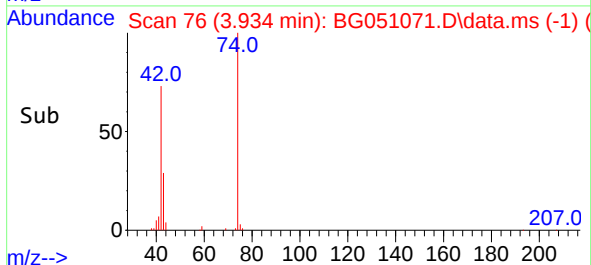
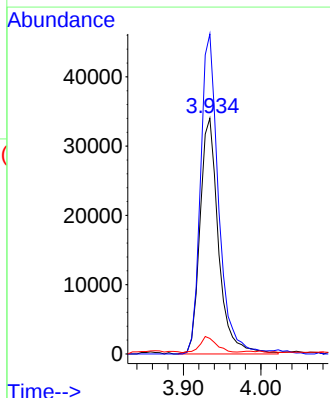
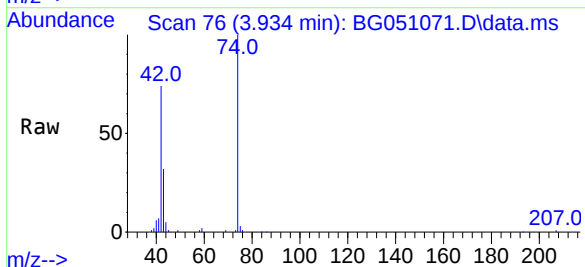
APPROVED

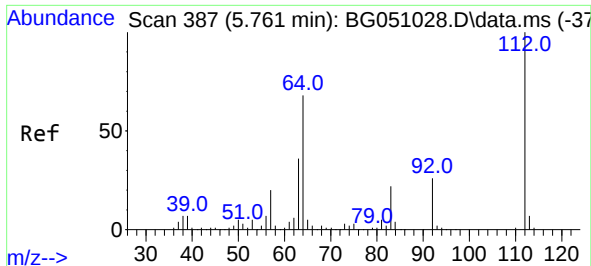
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#4
n-Nitrosodimethylamine
Concen: 45.905 ng
RT: 3.934 min Scan# 76
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion: 42 Resp: 56198
Ion Ratio Lower Upper
42 100
74 135.7 64.0 96.0#
44 6.6 2.7 4.1#





#5
2-Fluorophenol
Concen: 132.721 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

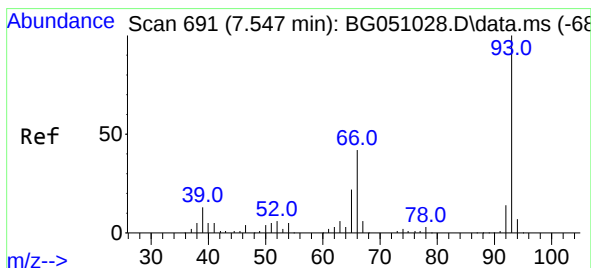
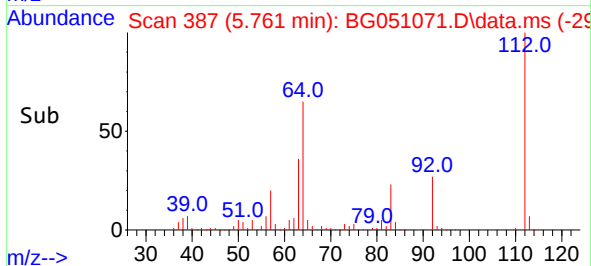
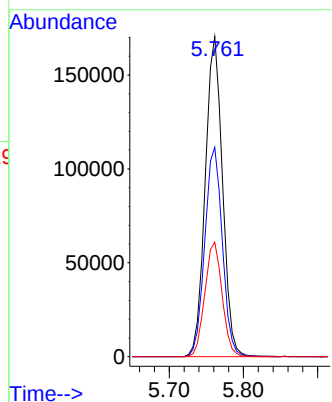
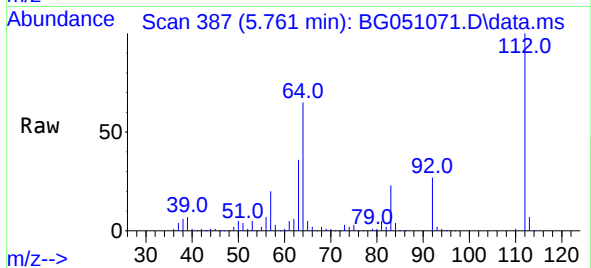
COMP-2MSD

Tgt Ion:112 Resp: 27590
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 35.8 35.3 52.9

Manual Integrations

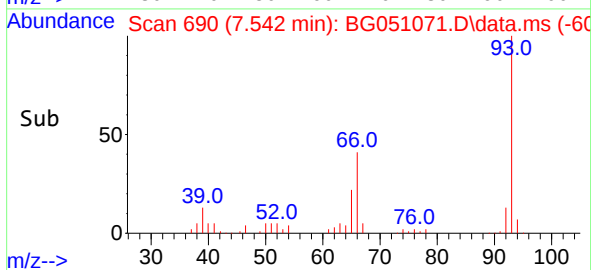
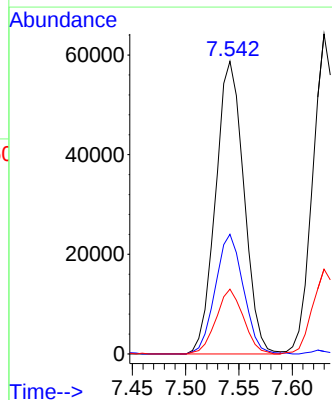
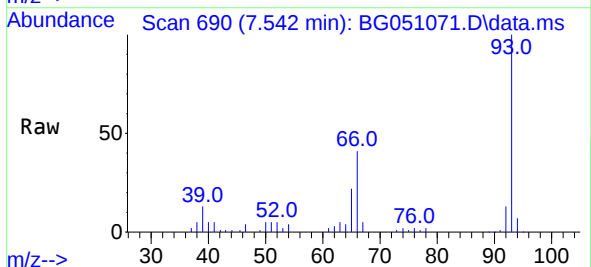
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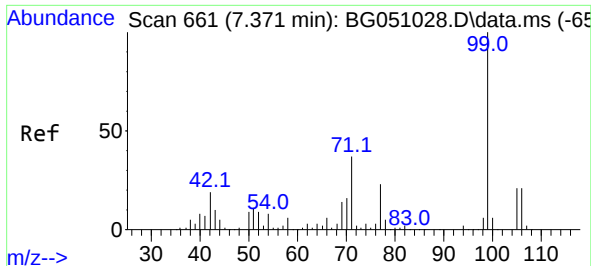
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#6
Aniline
Concen: 31.010 ng
RT: 7.542 min Scan# 690
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

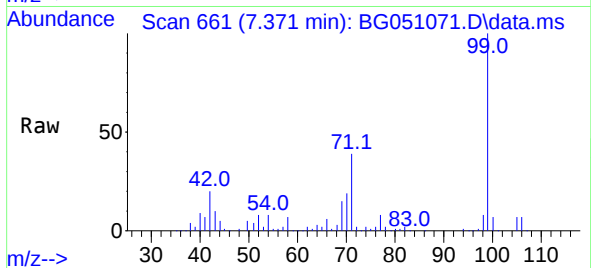
Tgt Ion: 93 Resp: 108366
Ion Ratio Lower Upper
93 100
66 40.9 30.6 45.8
65 22.1 15.0 22.4





#7
Phenol-d6
Concen: 125.461 ng
RT: 7.371 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

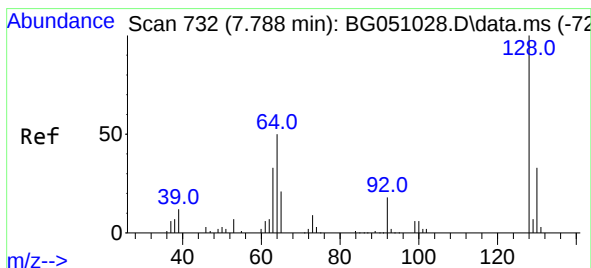
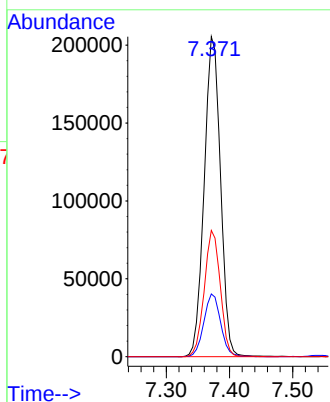
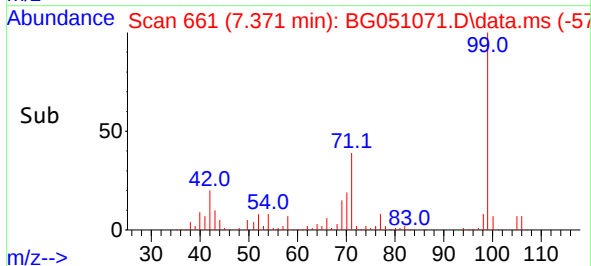
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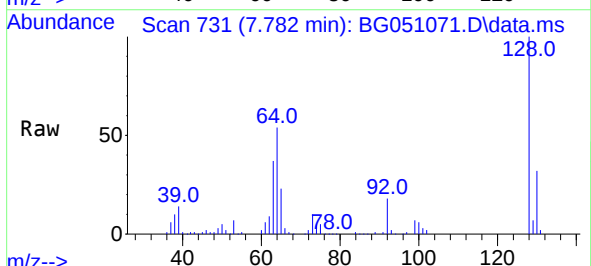
Tgt Ion: 99 Resp: 36812
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7
71 39.4 41.5 62.3

Manual Integrations
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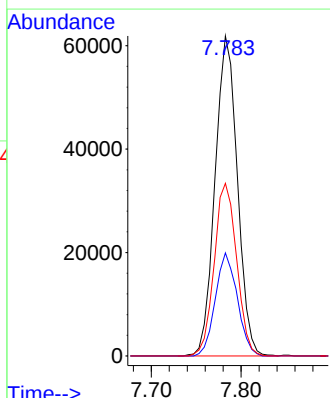
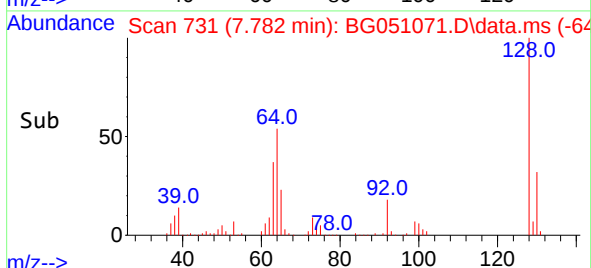
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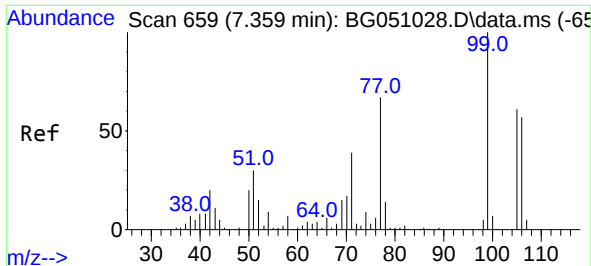


#8
2-Chlorophenol
Concen: 50.001 ng
RT: 7.782 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:128 Resp: 106762
Ion Ratio Lower Upper
128 100
130 32.2 10.0 50.0
64 53.9 28.1 68.1





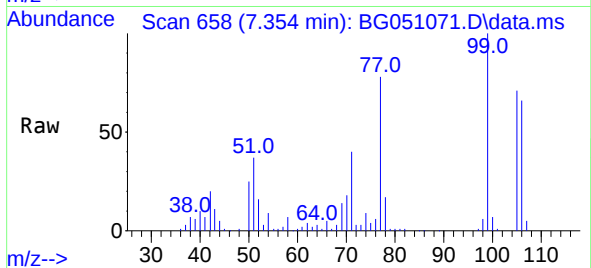
#9
Benzaldehyde
Concen: 36.513 ng
RT: 7.354 min Scan# 659
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

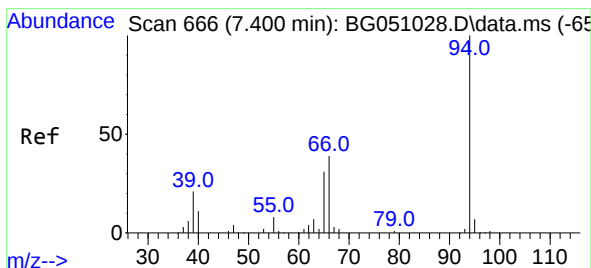
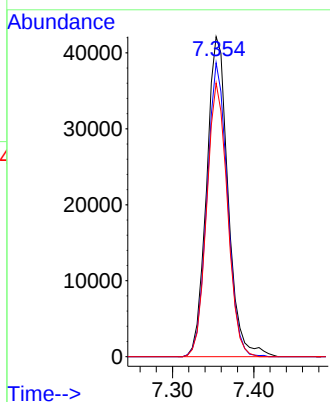


Tgt Ion: 77 Resp: 7709
Ion Ratio Lower Upper
77 100
105 91.8 68.8 108.8
106 85.5 47.9 87.9

Manual Integrations

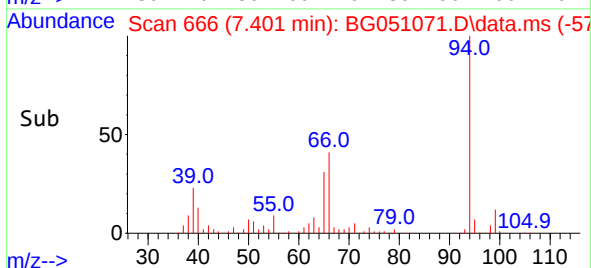
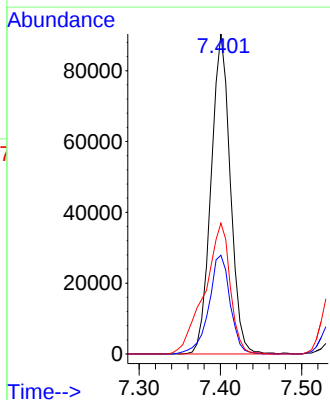
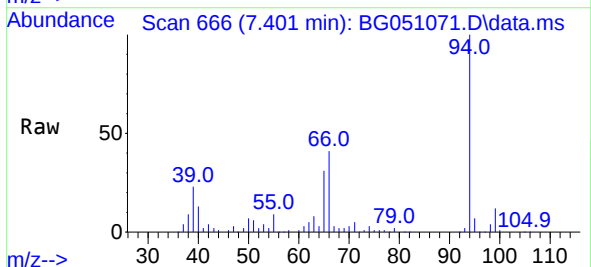
APPROVED

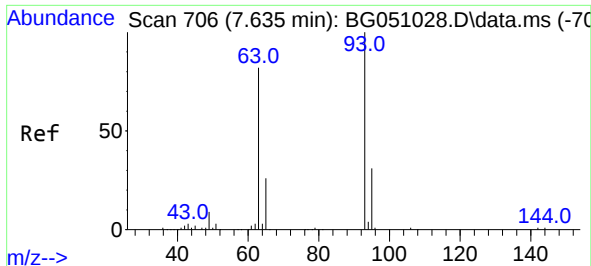
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#10
Phenol
Concen: 49.250 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion: 94 Resp: 148408
Ion Ratio Lower Upper
94 100
65 30.8 12.9 52.9
66 40.9 39.4 79.4





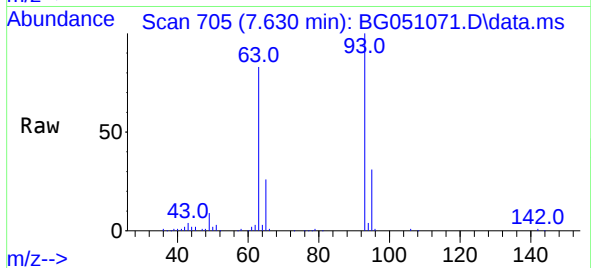
#11
bis(2-Chloroethyl)ether
Concen: 44.285 ng
RT: 7.630 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

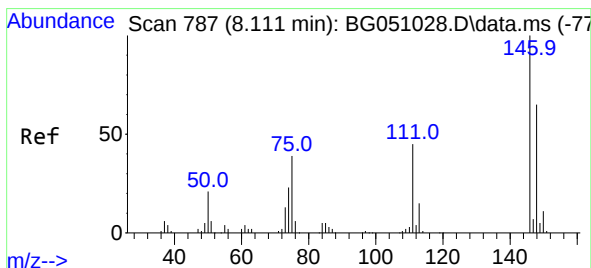
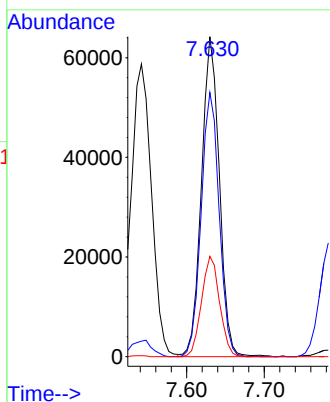
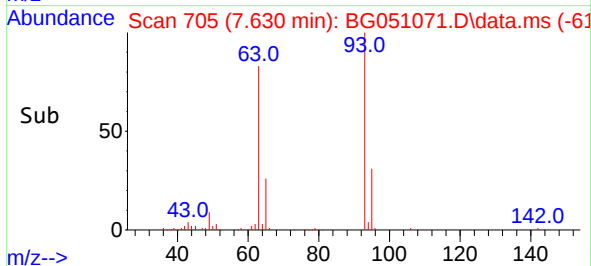


Tgt Ion: 93 Resp: 102827
Ion Ratio Lower Upper
93 100
63 82.6 50.4 90.4
95 31.4 15.3 55.3

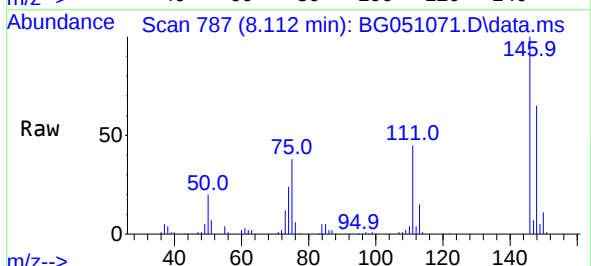
Manual Integrations

APPROVED

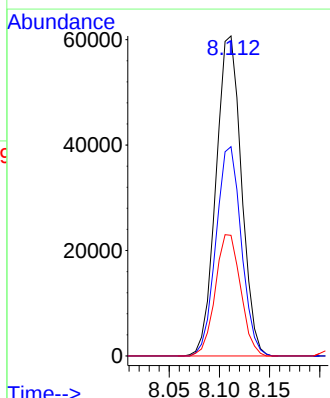
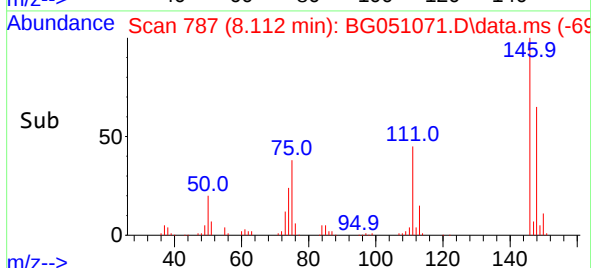
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

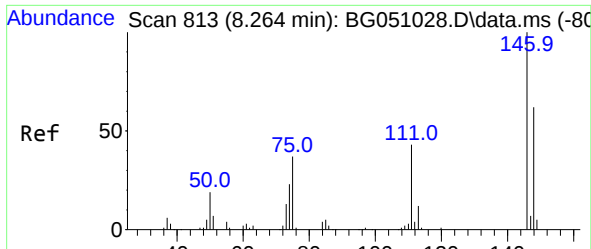


#12
1,3-Dichlorobenzene
Concen: 45.954 ng
RT: 8.112 min Scan# 787
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



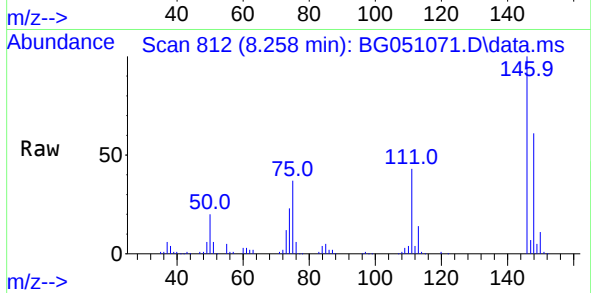
Tgt Ion:146 Resp: 106868
Ion Ratio Lower Upper
146 100
148 65.4 52.6 78.8
75 37.7 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 47.239 ng
RT: 8.258 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

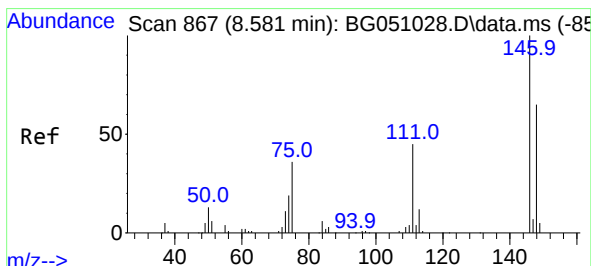
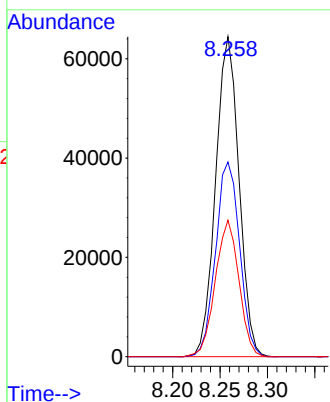
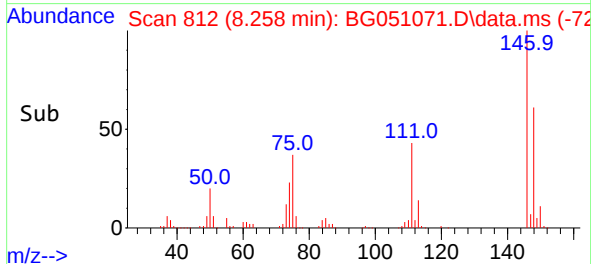
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



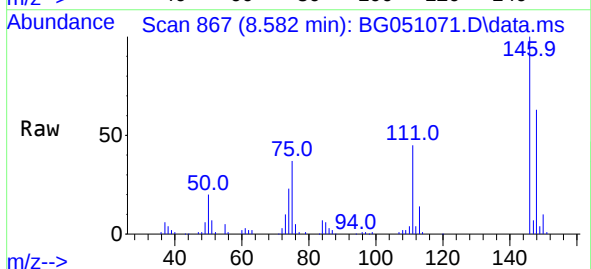
Tgt Ion:146 Resp: 11057
Ion Ratio Lower Upper
146 100
148 60.8 54.0 81.0
111 42.6 34.3 51.5

Manual Integrations
APPROVED

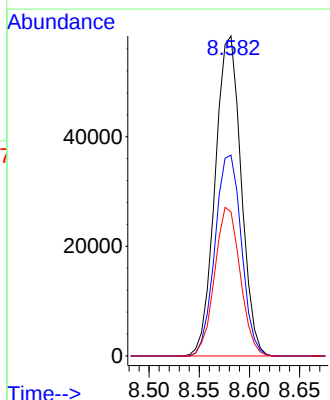
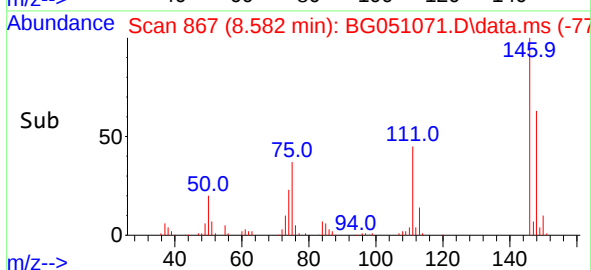
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

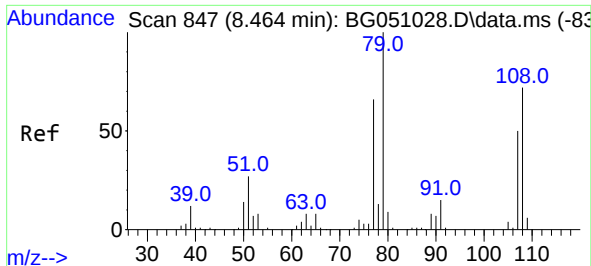


#14
1,2-Dichlorobenzene
Concen: 46.152 ng
RT: 8.582 min Scan# 867
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:146 Resp: 104918
Ion Ratio Lower Upper
146 100
148 62.7 47.5 71.3
111 45.0 39.1 58.7





#15
Benzyl Alcohol
Concen: 48.343 ng
RT: 8.458 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

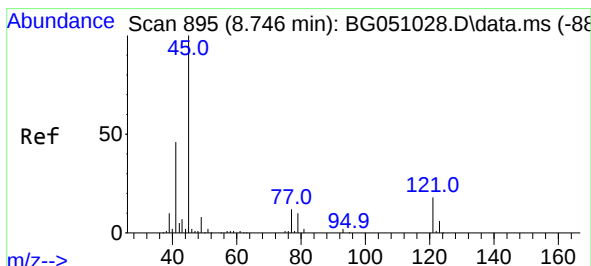
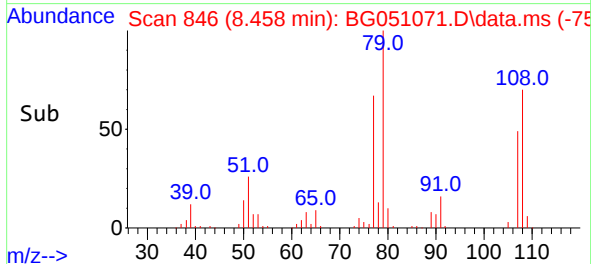
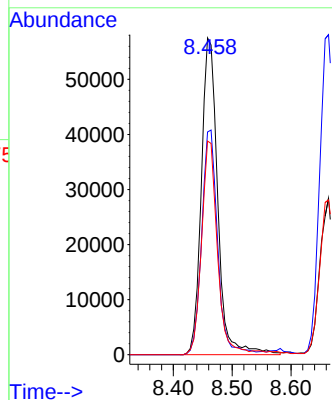
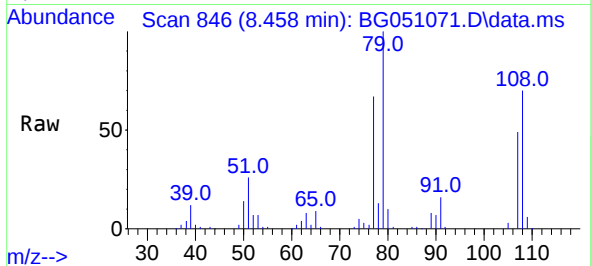
ClientSampleId :

COMP-2MSD

Tgt Ion: 79 Resp: 111569
Ion Ratio Lower Upper
79 100
108 70.3 48.2 72.4
77 67.4 57.3 85.9

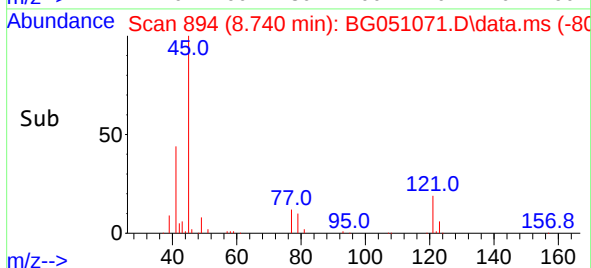
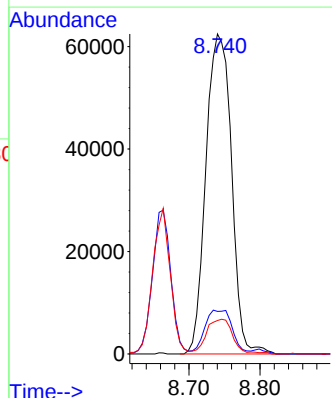
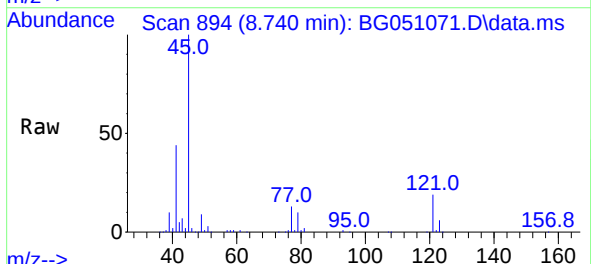
Manual Integrations
APPROVED

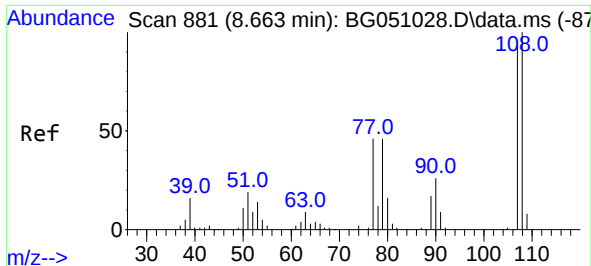
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.923 ng
RT: 8.740 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion: 45 Resp: 156039
Ion Ratio Lower Upper
45 100
77 13.3 2.2 42.2
79 10.5 0.0 34.3





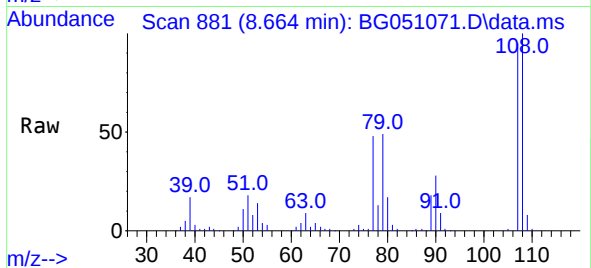
#17
2-Methylphenol
Concen: 48.535 ng
RT: 8.664 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

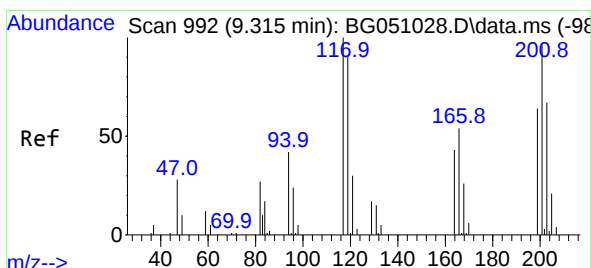
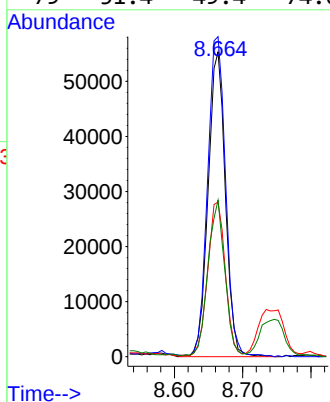
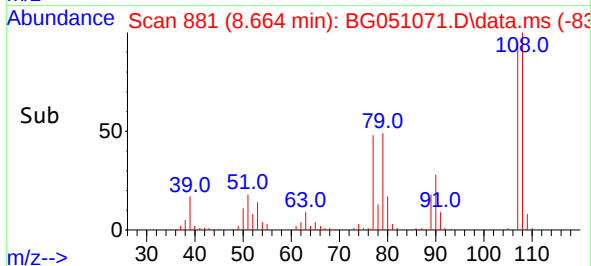


Tgt Ion:107 Resp: 97380
Ion Ratio Lower Upper
107 100
108 105.0 84.6 127.0
77 50.8 50.7 76.1
79 51.4 49.4 74.0

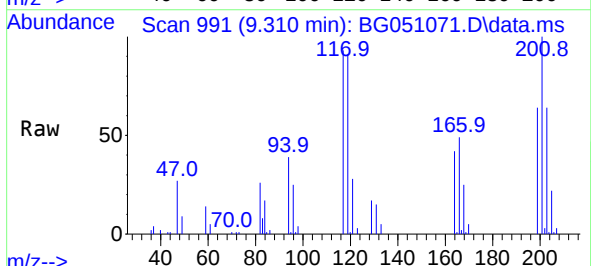
Manual Integrations

APPROVED

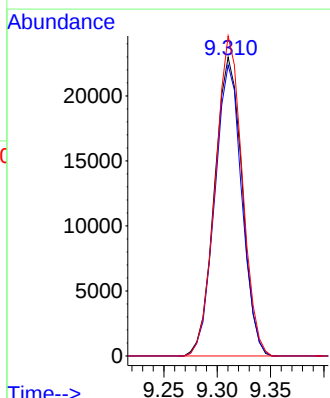
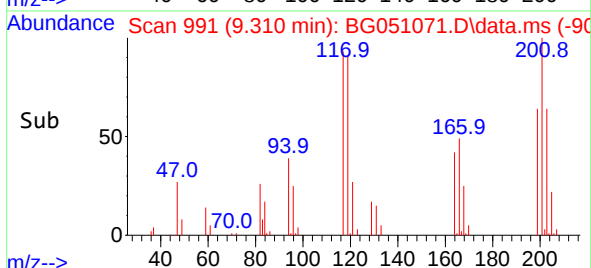
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

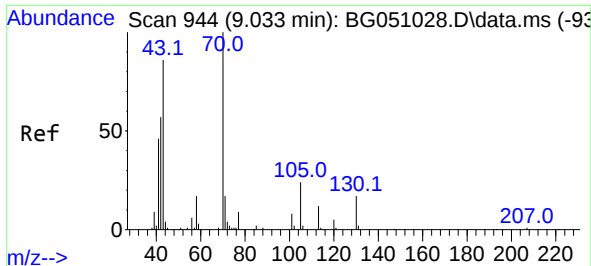


#18
Hexachloroethane
Concen: 46.428 ng
RT: 9.310 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:117 Resp: 41251
Ion Ratio Lower Upper
117 100
119 97.4 74.4 111.6
201 107.1 88.6 133.0





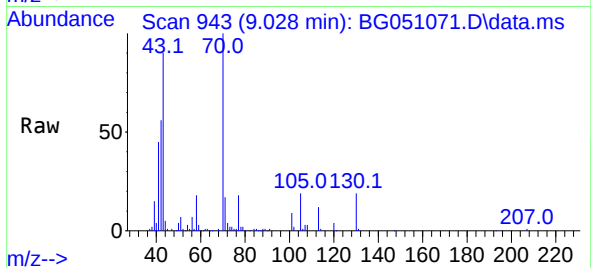
#19
n-Nitroso-di-n-propylamine
Concen: 43.493 ng
RT: 9.028 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

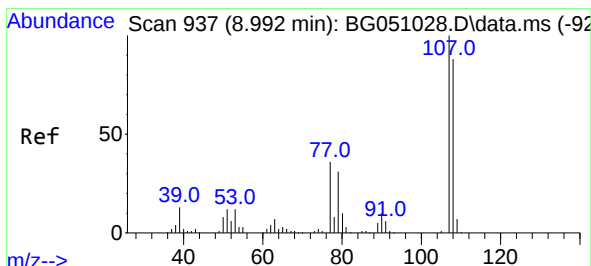
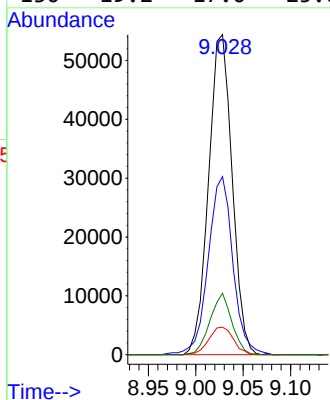
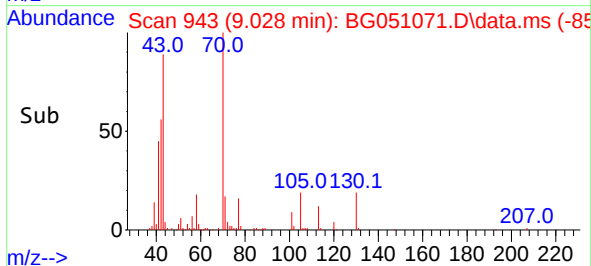


Tgt Ion: 70 Resp: 94307
Ion Ratio Lower Upper
70 100
42 55.6 54.5 81.7
101 8.6 9.0 13.6
130 19.2 17.0 25.6

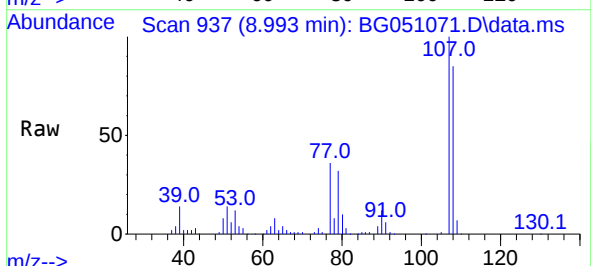
Manual Integrations

APPROVED

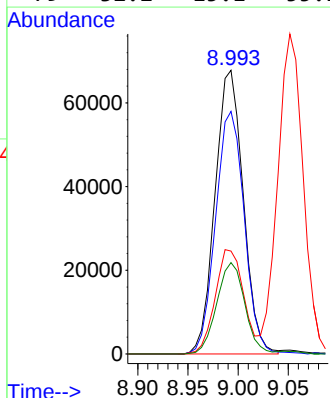
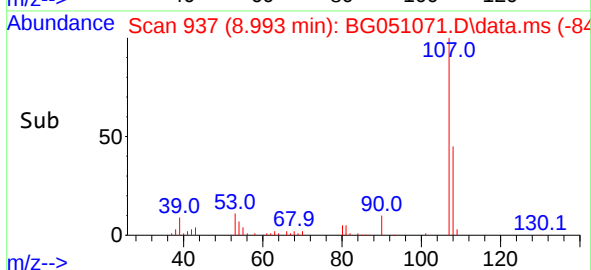
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

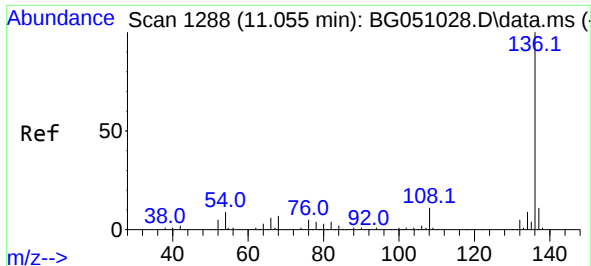


#20
3+4-Methylphenols
Concen: 46.824 ng
RT: 8.993 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:107 Resp: 132573
Ion Ratio Lower Upper
107 100
108 85.5 69.3 109.3
77 36.2 25.2 65.2
79 32.2 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

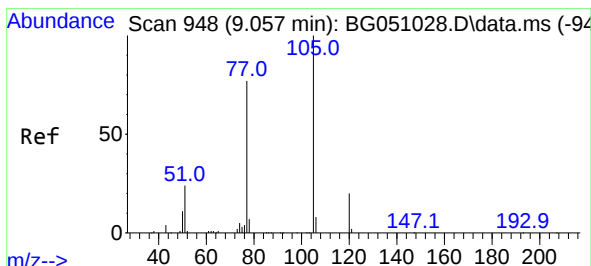
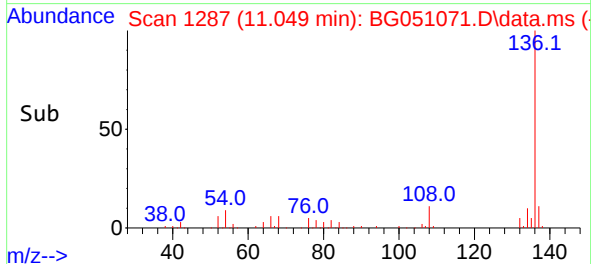
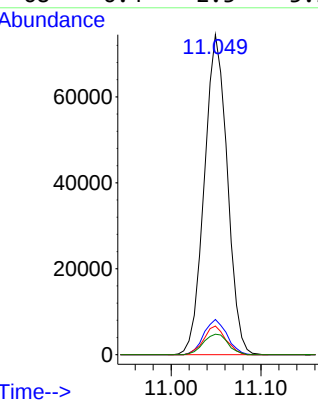
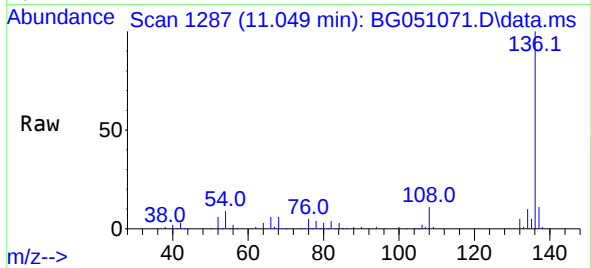
COMP-2MSD

Tgt Ion:136 Resp: 132268
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.0 5.5 8.3
68 6.4 2.3 3.5#

Manual Integrations

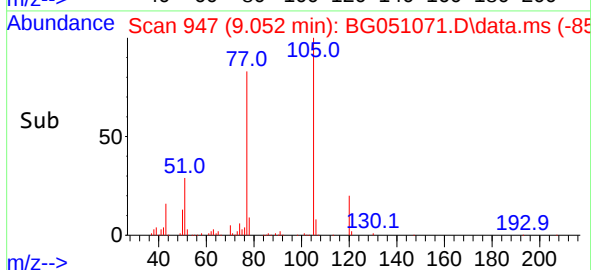
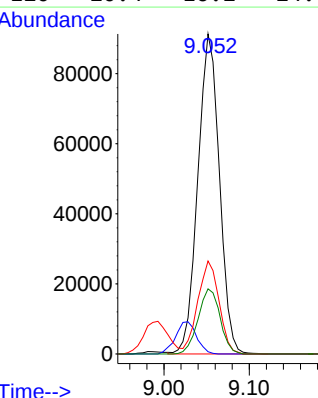
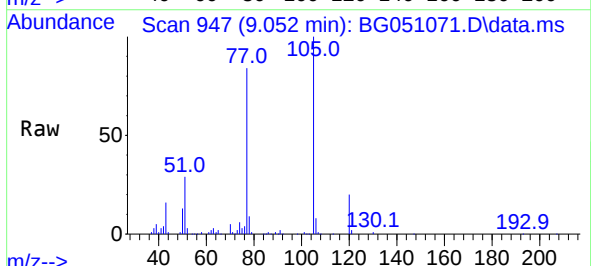
APPROVED

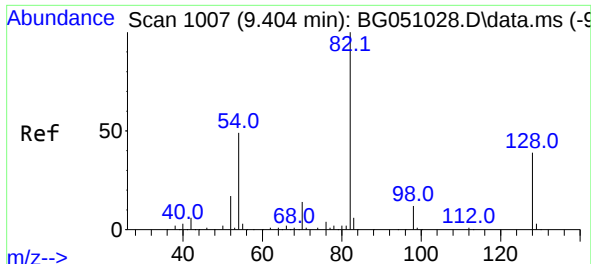
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#22
Acetophenone
Concen: 43.604 ng
RT: 9.052 min Scan# 947
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:105 Resp: 160298
Ion Ratio Lower Upper
105 100
71 0.7 0.6 0.8
51 29.1 26.6 40.0
120 20.4 16.2 24.4





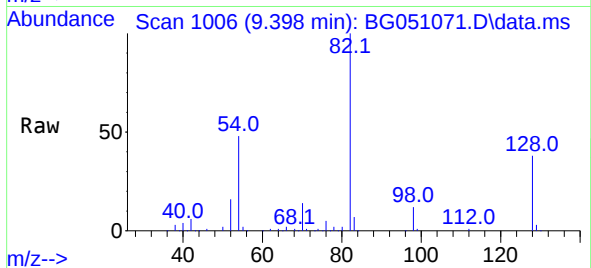
#23
Nitrobenzene-d5
Concen: 81.038 ng
RT: 9.398 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

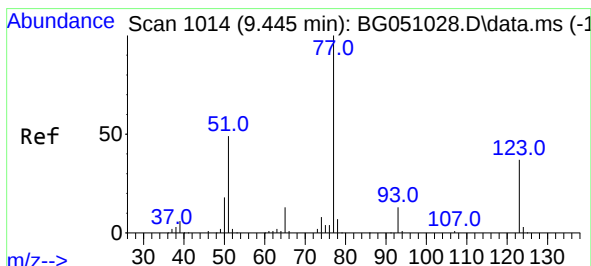
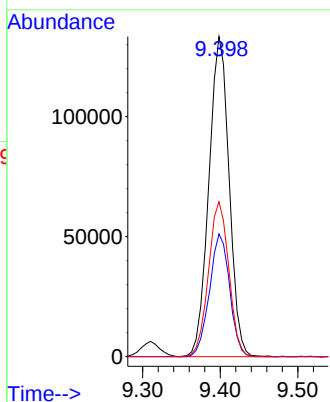
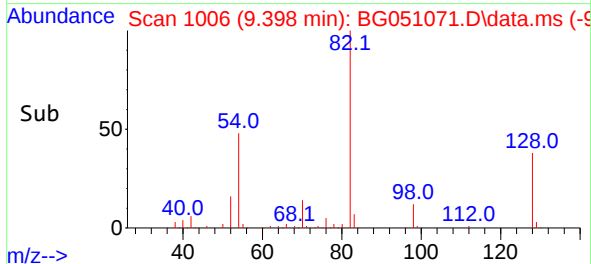


Tgt Ion: 82 Resp: 242140
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 48.4 45.8 68.8

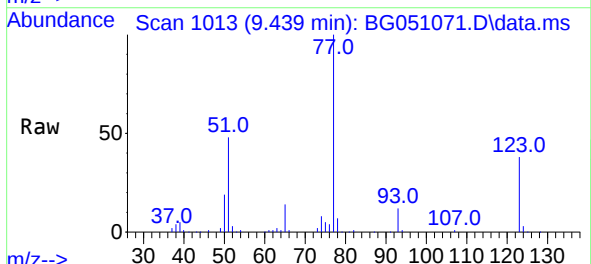
Manual Integrations

APPROVED

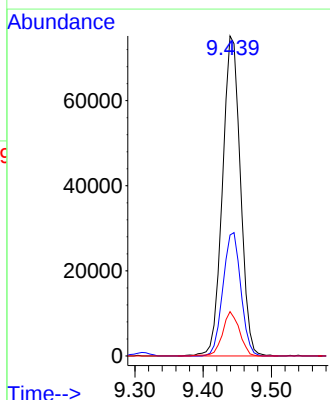
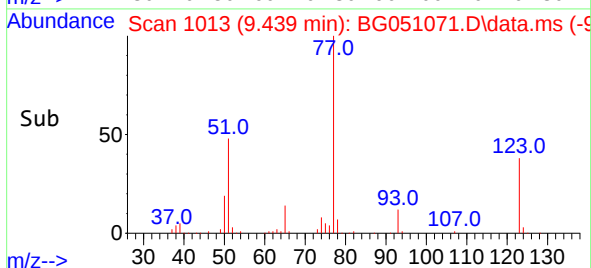
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

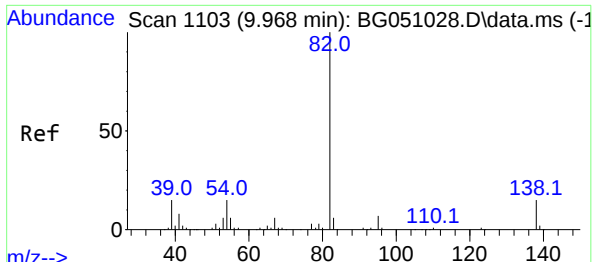


#24
Nitrobenzene
Concen: 46.633 ng
RT: 9.439 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion: 77 Resp: 137373
Ion Ratio Lower Upper
77 100
123 37.8 27.5 41.3
65 13.9 12.6 18.8





#25
Isophorone
Concen: 44.063 ng
RT: 9.962 min Scan# 1103
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

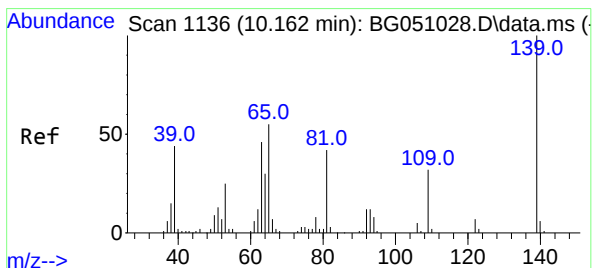
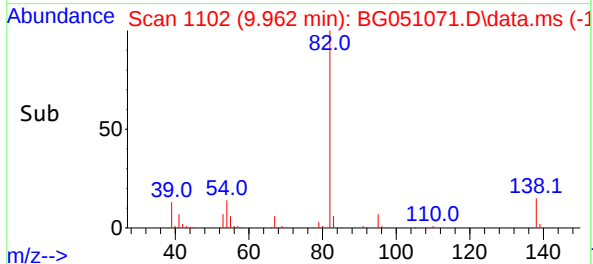
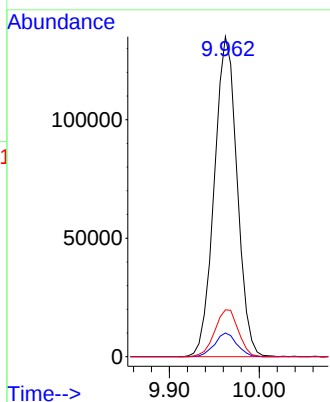
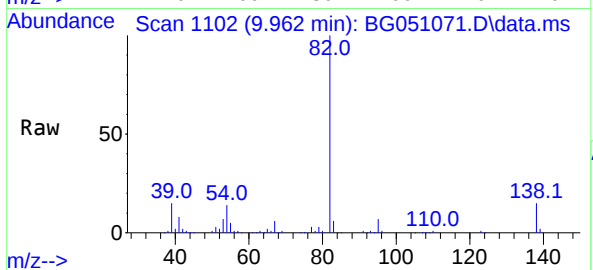
COMP-2MSD

Tgt Ion: 82 Resp: 23796
Ion Ratio Lower Upper
82 100
95 7.4 8.5 12.7
138 14.7 11.8 17.6

Manual Integrations

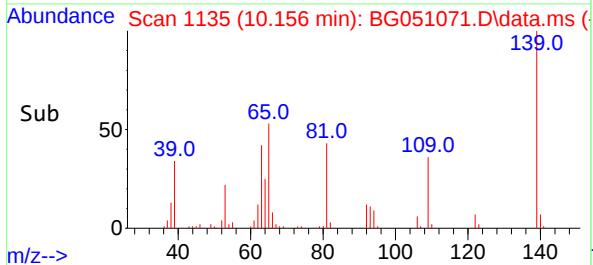
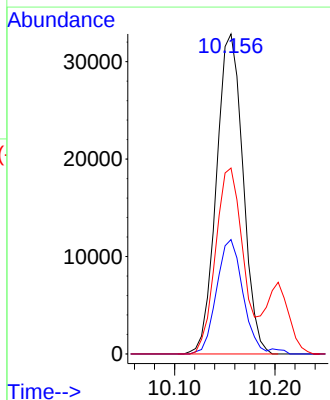
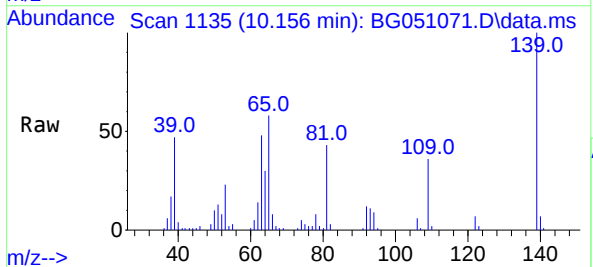
APPROVED

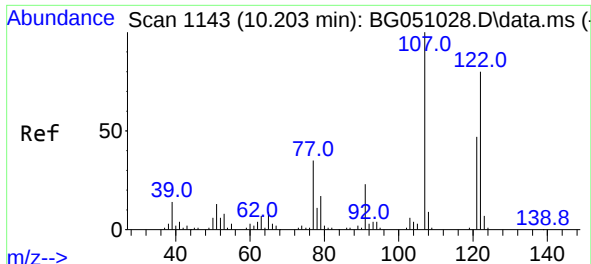
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#26
2-Nitrophenol
Concen: 48.199 ng
RT: 10.156 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:139 Resp: 60345
Ion Ratio Lower Upper
139 100
109 35.7 37.8 56.6
65 58.1 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 54.694 ng
RT: 10.203 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

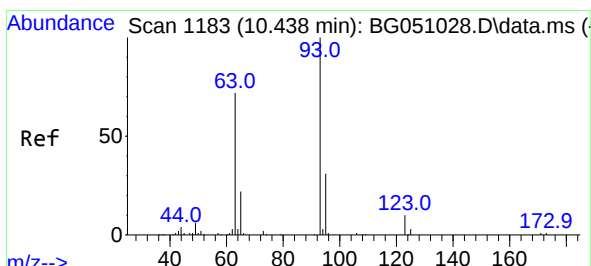
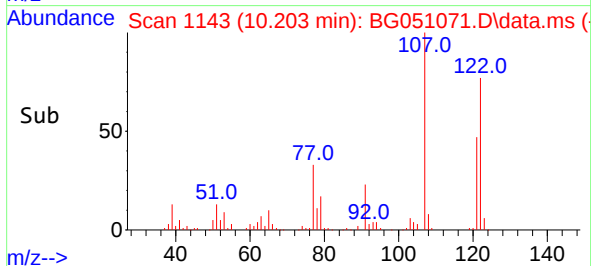
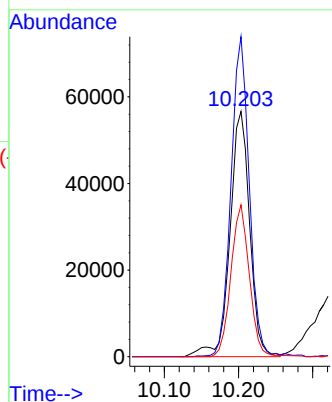
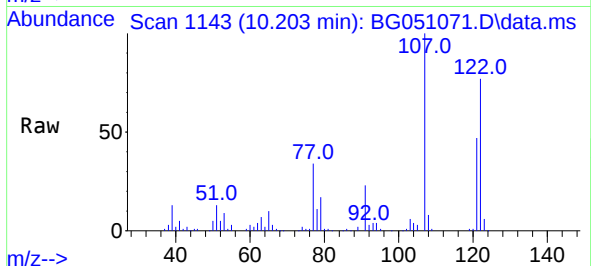
COMP-2MSD

Tgt Ion:122 Resp: 104375
Ion Ratio Lower Upper
122 100
107 130.4 110.1 165.1
121 61.9 49.0 73.6

Manual Integrations

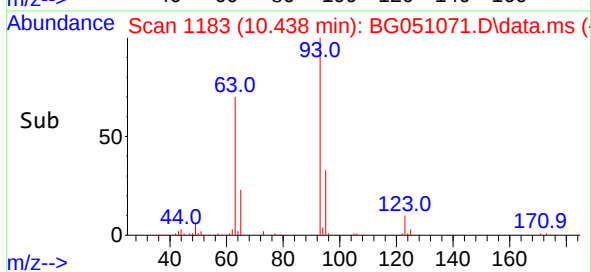
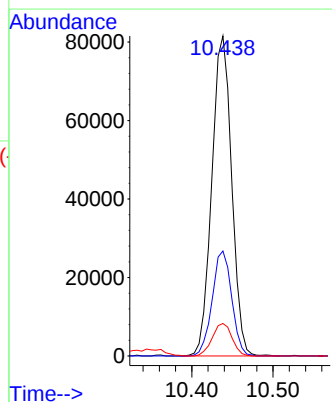
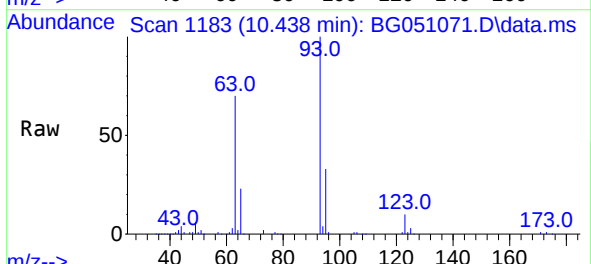
APPROVED

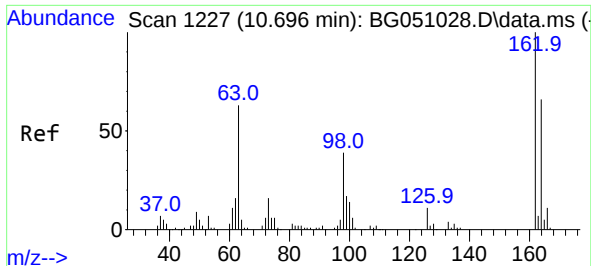
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#28
bis(2-Chloroethoxy)methane
Concen: 43.070 ng
RT: 10.438 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion: 93 Resp: 138264
Ion Ratio Lower Upper
93 100
95 32.8 22.2 33.4
123 10.2 8.8 13.2





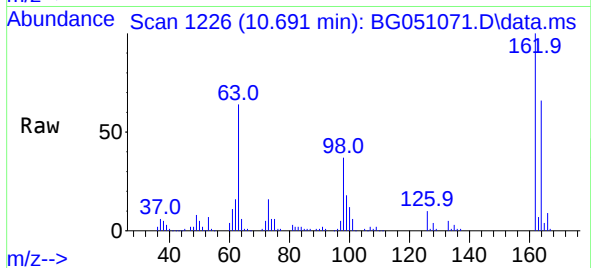
#29
2,4-Dichlorophenol
Concen: 50.513 ng
RT: 10.691 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

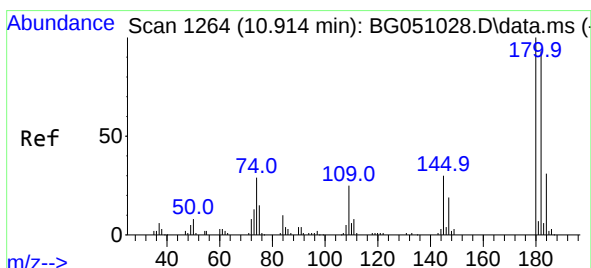
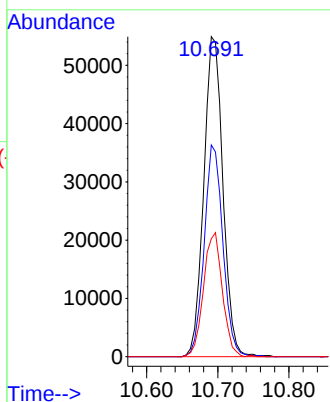
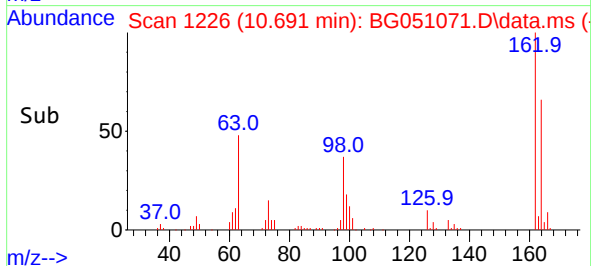


Tgt Ion:162 Resp: 103060
Ion Ratio Lower Upper
162 100
164 66.1 39.4 79.4
98 36.9 18.7 58.7

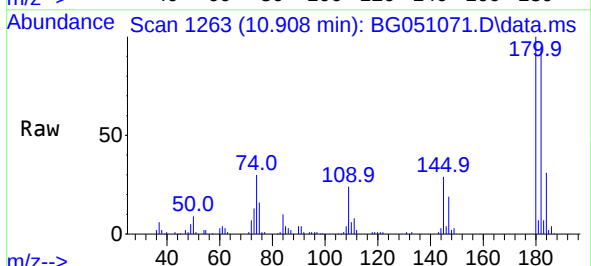
Manual Integrations

APPROVED

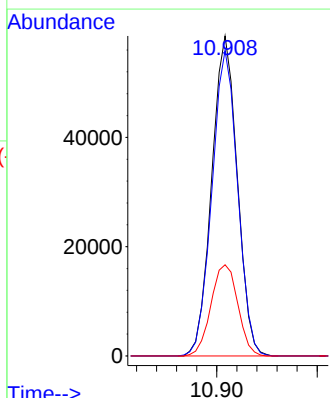
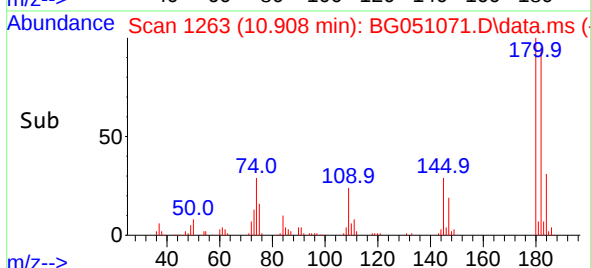
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

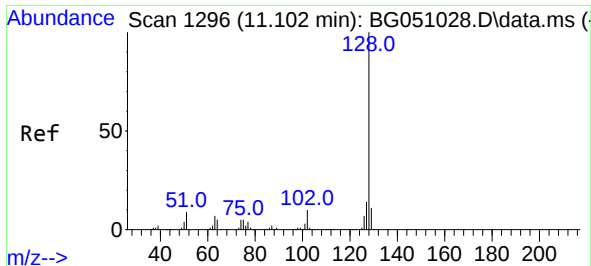


#30
1,2,4-Trichlorobenzene
Concen: 45.156 ng
RT: 10.908 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:180 Resp: 103221
Ion Ratio Lower Upper
180 100
182 95.4 78.9 118.3
145 28.5 26.2 39.4





#31
Naphthalene
Concen: 44.697 ng
RT: 11.102 min Scan# 1110
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

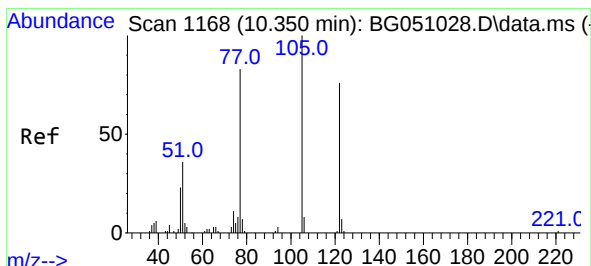
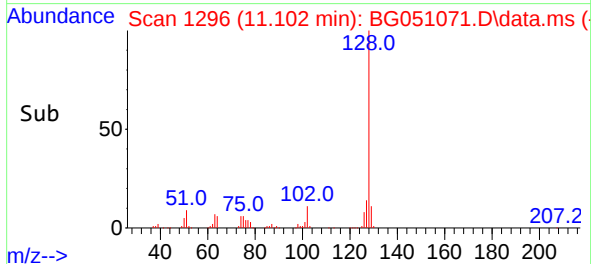
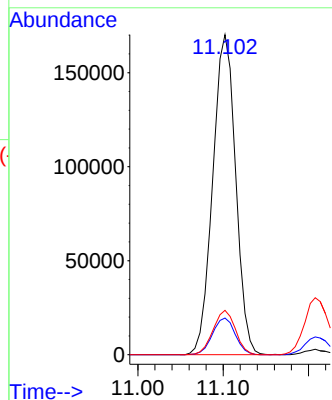
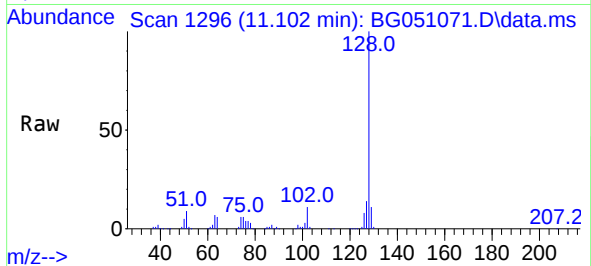
COMP-2MSD

Tgt Ion:128 Resp: 31745
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.8 10.2 15.4

Manual Integrations

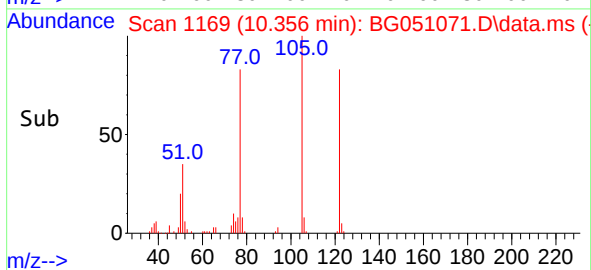
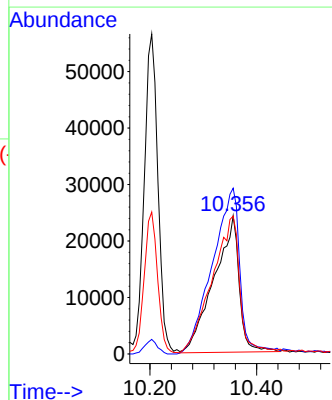
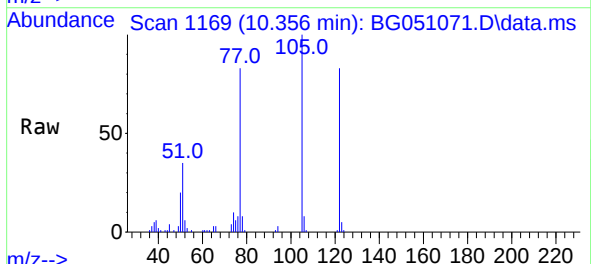
APPROVED

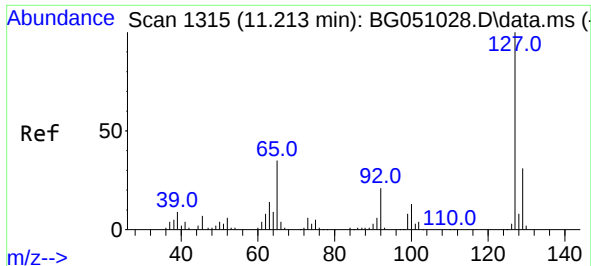
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#32
Benzoic acid
Concen: 53.576 ng
RT: 10.356 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:122 Resp: 78798
Ion Ratio Lower Upper
122 100
105 120.1 92.3 132.3
77 99.9 66.5 106.5





#33
4-Chloroaniline
Concen: 20.157 ng
RT: 11.208 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

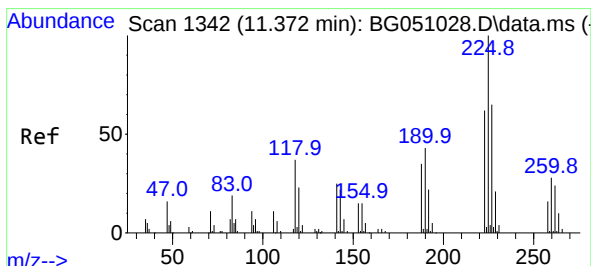
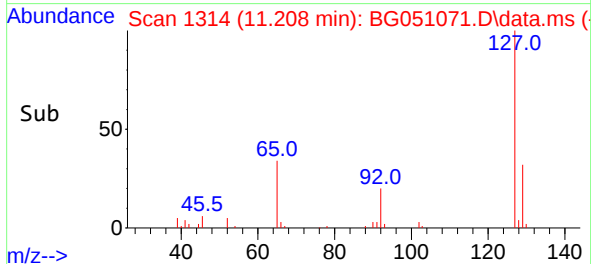
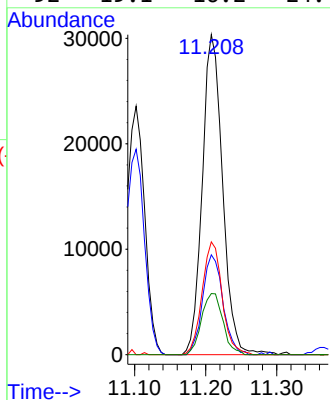
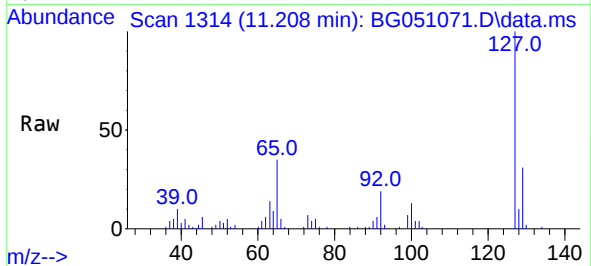
COMP-2MSD

Tgt Ion:127 Resp: 6048
Ion Ratio Lower Upper
127 100
129 31.2 26.7 40.1
65 35.2 32.8 49.2
92 19.1 16.2 24.4

Manual Integrations

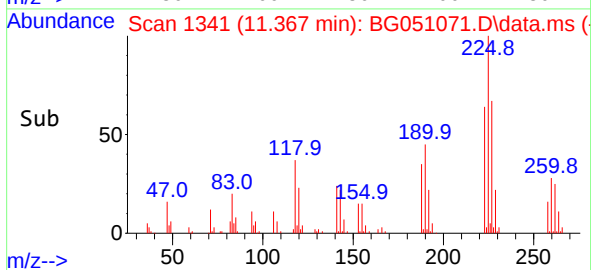
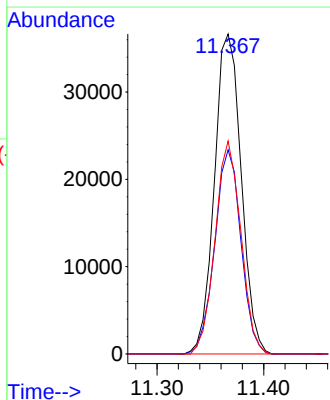
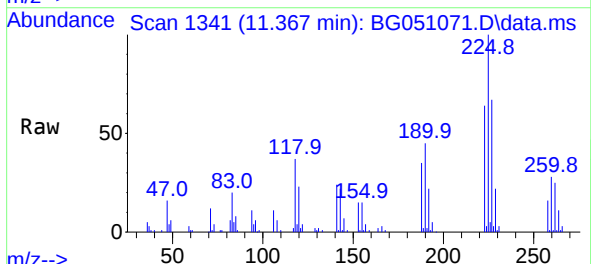
APPROVED

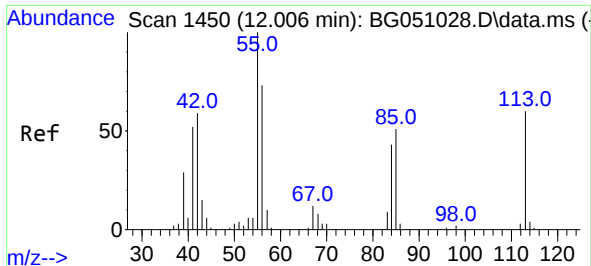
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#34
Hexachlorobutadiene
Concen: 45.905 ng
RT: 11.367 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:225 Resp: 63849
Ion Ratio Lower Upper
225 100
223 63.8 49.8 74.8
227 66.6 46.4 69.6





#35
Caprolactam
Concen: 74.101 ng m
RT: 11.995 min Scan# 14
Delta R.T. -0.011 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

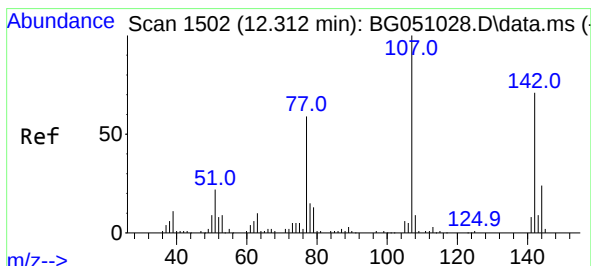
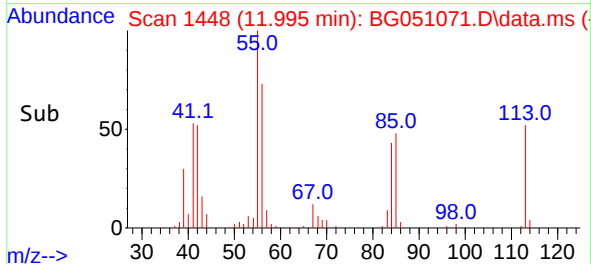
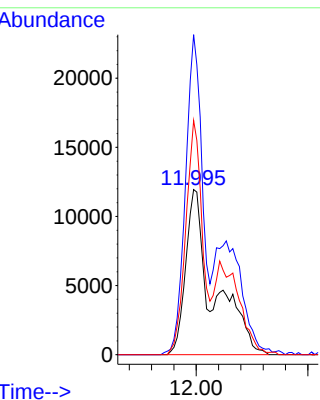
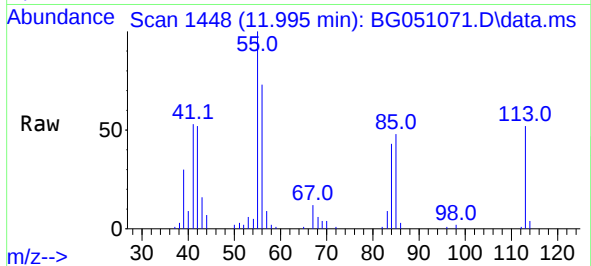
COMP-2MSD

Tgt Ion:113 Resp: 41109
Ion Ratio Lower Upper
113 100
55 193.8 113.8 153.8
56 141.9 105.6 145.6

Manual Integrations

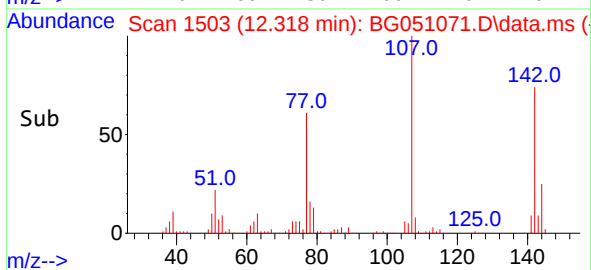
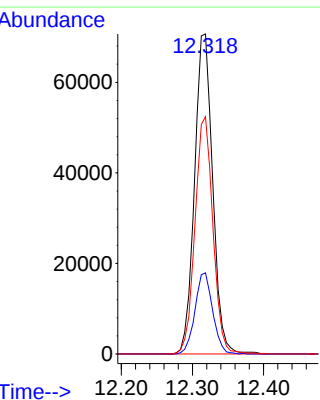
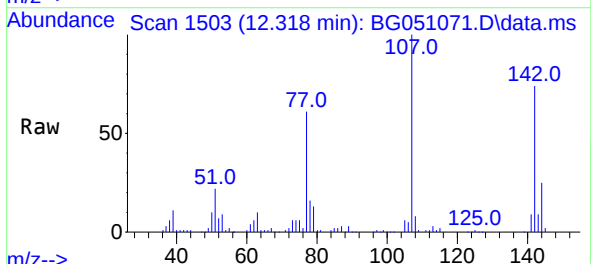
APPROVED

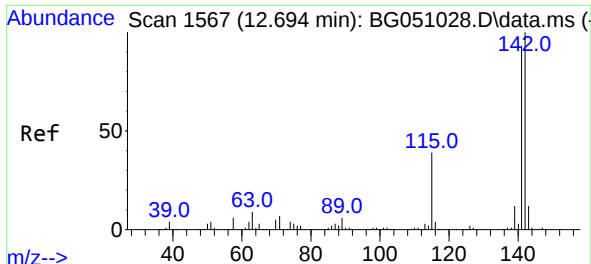
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#36
4-Chloro-3-methylphenol
Concen: 49.334 ng
RT: 12.318 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:107 Resp: 125586
Ion Ratio Lower Upper
107 100
144 25.3 24.8 37.2
142 74.2 62.2 93.4





#37

2-Methylnaphthalene

Concen: 46.820 ng

RT: 12.689 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG051071.D

Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Tgt Ion:142 Resp: 22596

Ion Ratio Lower Upper

142 100

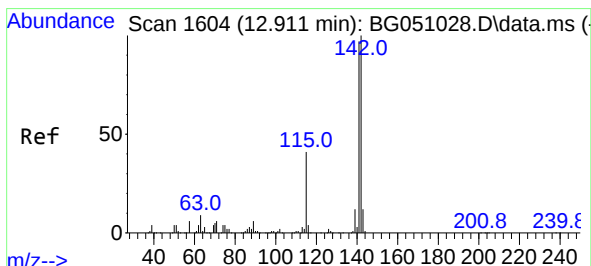
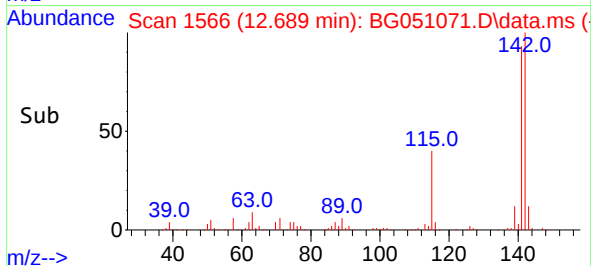
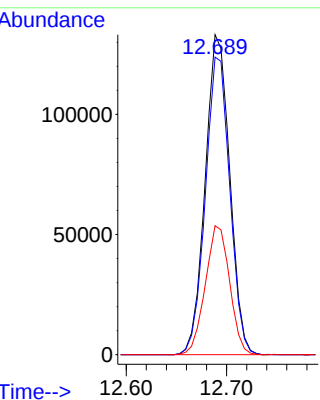
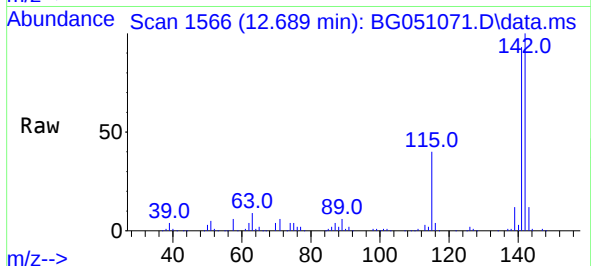
141 93.0 68.8 103.2

115 40.3 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#38

1-Methylnaphthalene

Concen: 44.545 ng

RT: 12.906 min Scan# 1603

Delta R.T. -0.005 min

Lab File: BG051071.D

Acq: 16 Nov 2021 17:54

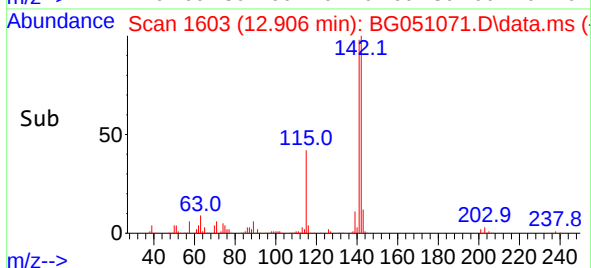
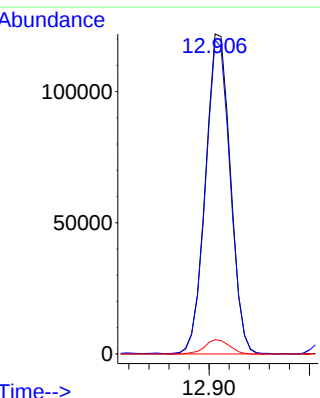
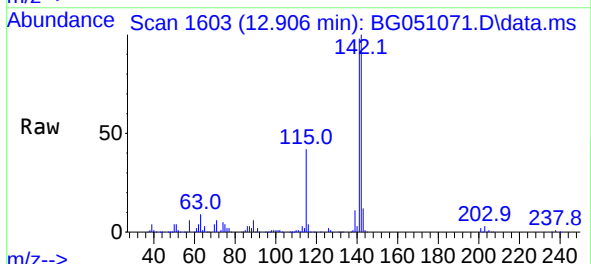
Tgt Ion:142 Resp: 210088

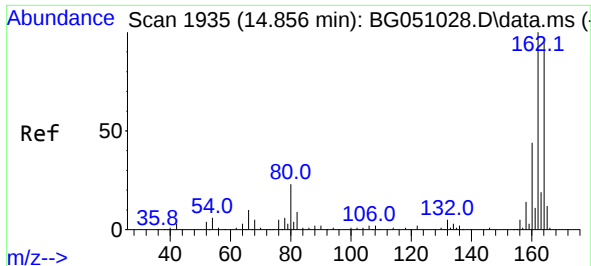
Ion Ratio Lower Upper

142 100

141 98.2 70.6 106.0

116 4.4 4.0 6.0





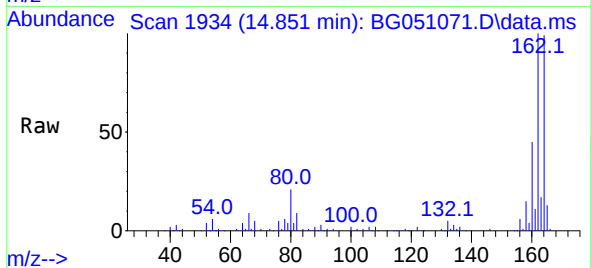
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

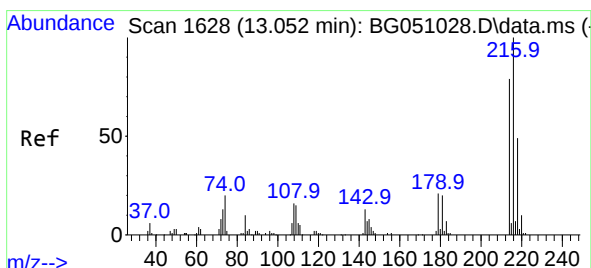
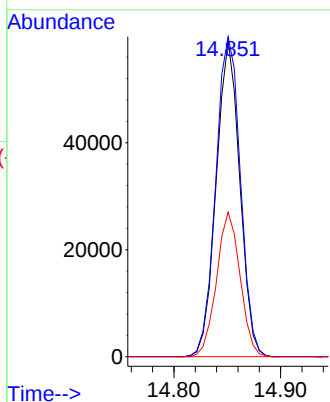
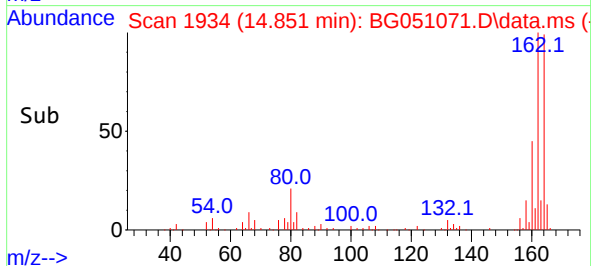


Tgt Ion:164 Resp: 90308
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.7 34.9 52.3

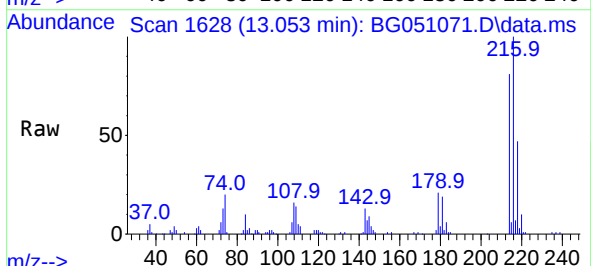
Manual Integrations

APPROVED

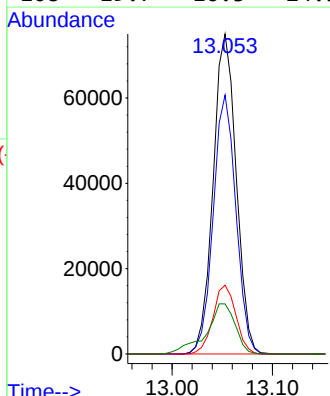
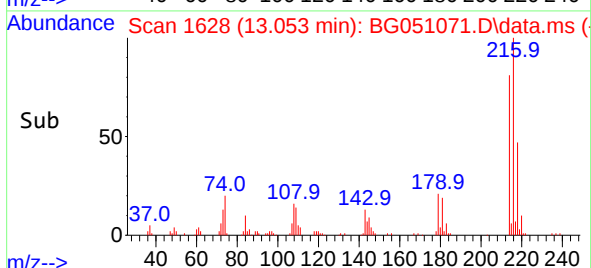
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

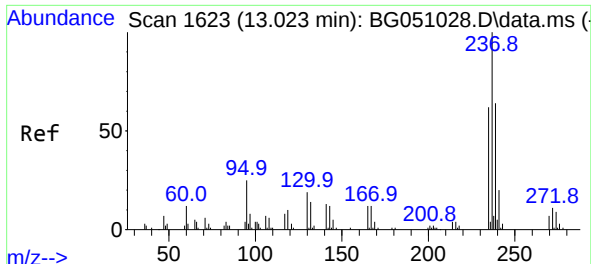


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.493 ng
RT: 13.053 min Scan# 1628
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



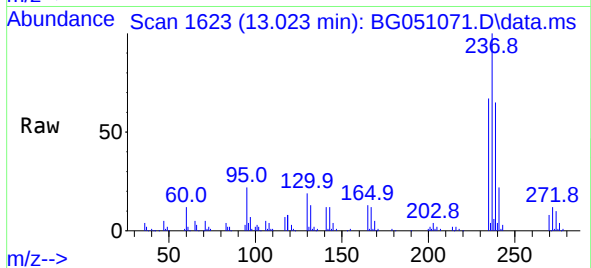
Tgt Ion:216 Resp: 119686
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.2
179 21.3 17.3 25.9
108 19.7 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 132.428 ng
RT: 13.023 min Scan# 11864
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

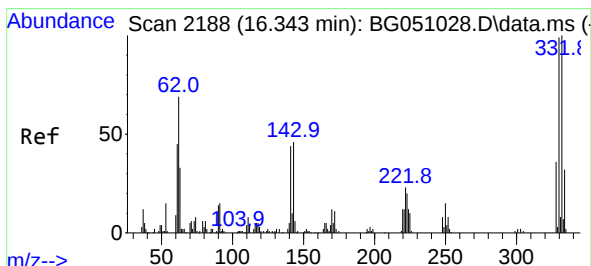
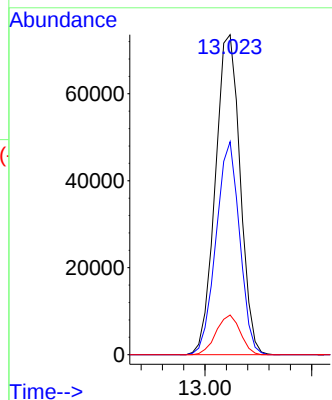
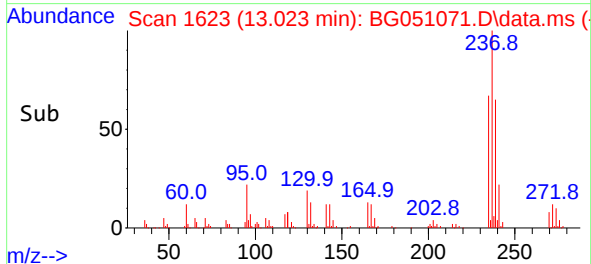
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



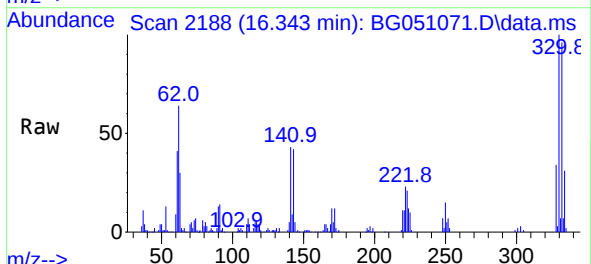
Tgt Ion:237 Resp: 11864
Ion Ratio Lower Upper
237 100
235 66.5 36.6 76.6
272 12.4 0.0 32.5

Manual Integrations
APPROVED

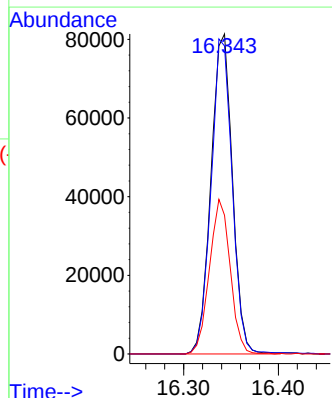
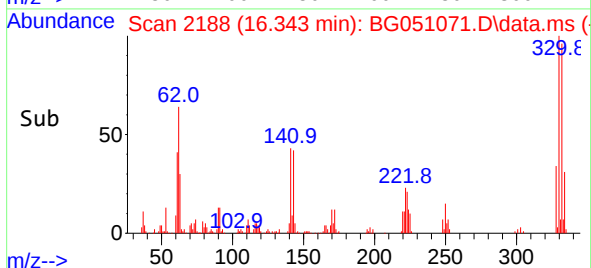
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

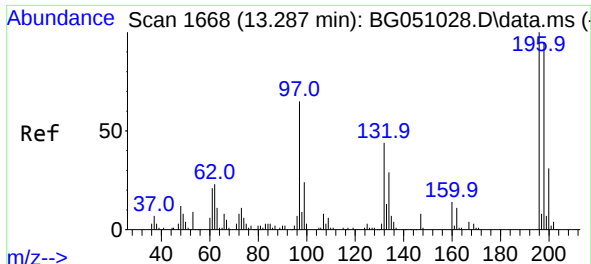


#42
2,4,6-Tribromophenol
Concen: 141.304 ng
RT: 16.343 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:330 Resp: 127702
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 46.9 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 48.142 ng
RT: 13.294 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

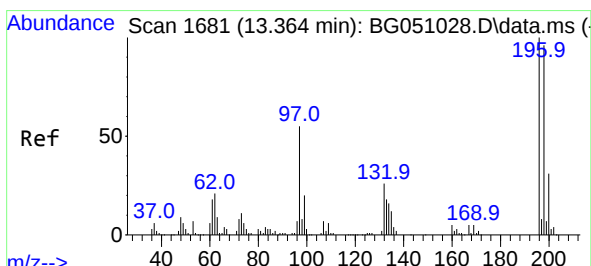
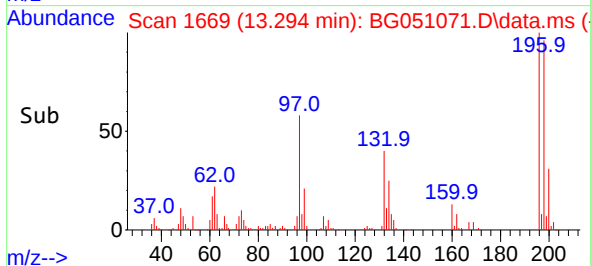
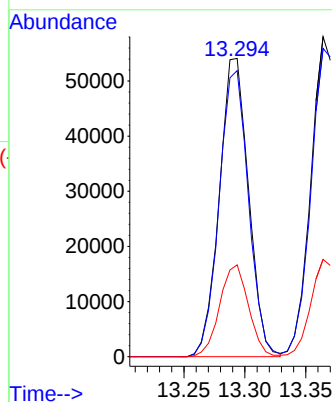
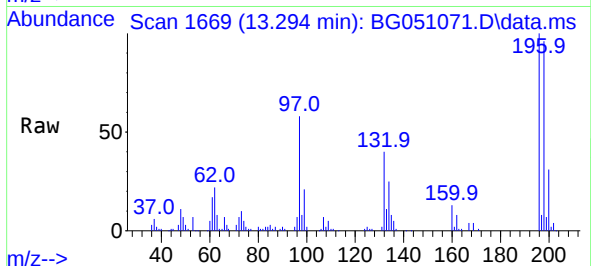
COMP-2MSD

Tgt Ion:196 Resp: 9036
Ion Ratio Lower Upper
196 100
198 95.9 82.1 123.1
200 30.8 23.8 35.8

Manual Integrations

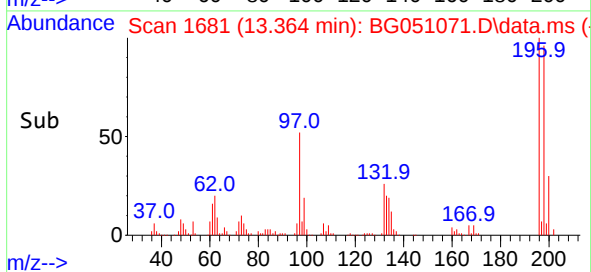
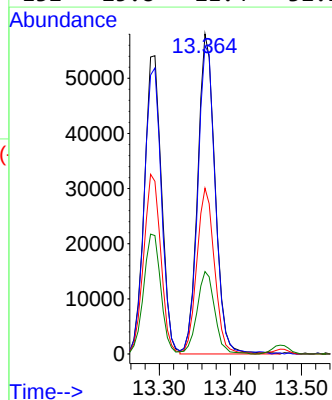
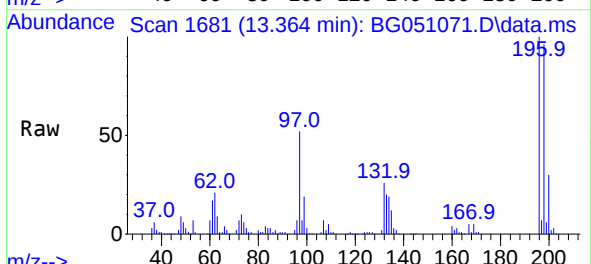
APPROVED

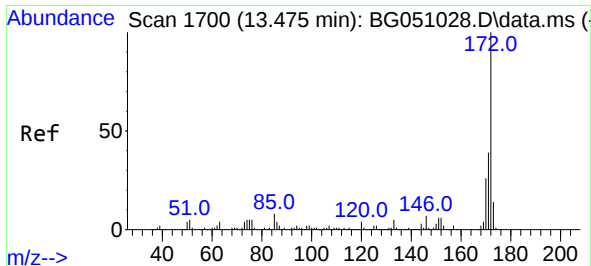
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#44
2,4,5-Trichlorophenol
Concen: 49.350 ng
RT: 13.364 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:196 Resp: 98792
Ion Ratio Lower Upper
196 100
198 96.4 87.4 131.0
97 51.8 43.3 64.9
132 25.8 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 81.292 ng
RT: 13.470 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

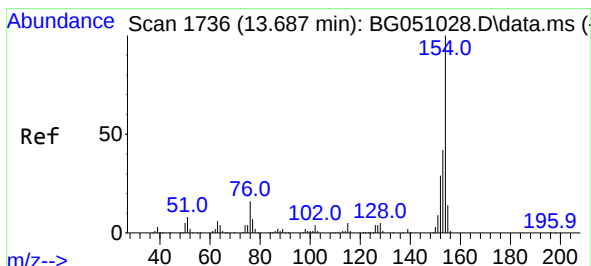
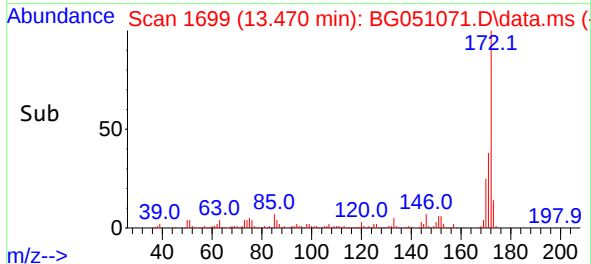
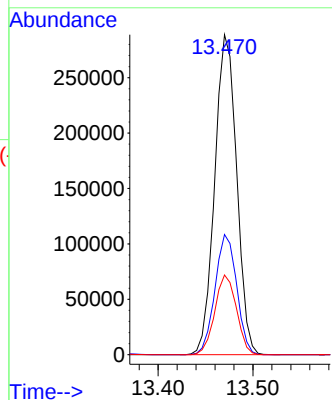
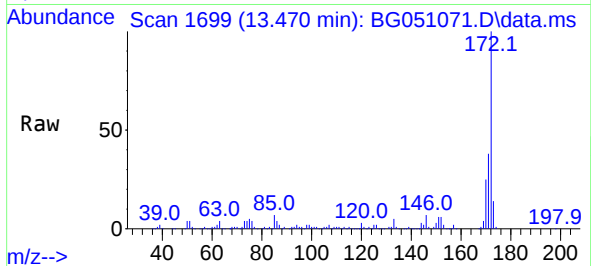
COMP-2MSD

Tgt Ion:172 Resp: 464629
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.9 18.6 27.8

Manual Integrations

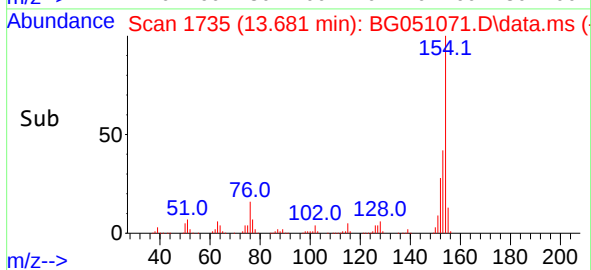
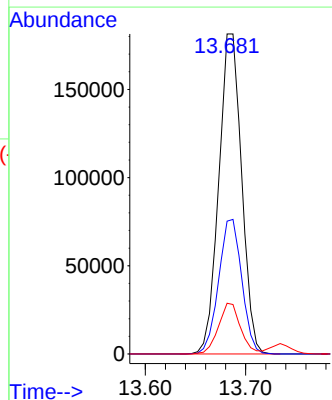
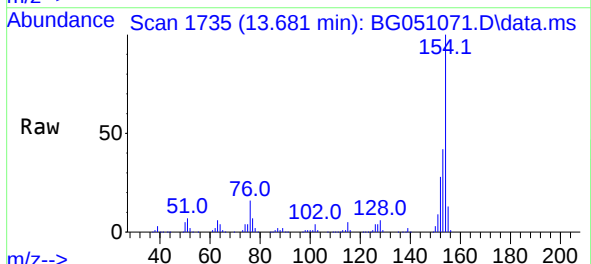
APPROVED

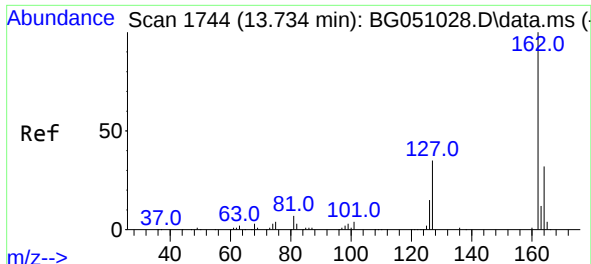
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#46
1,1'-Biphenyl
Concen: 43.392 ng
RT: 13.681 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:154 Resp: 286146
Ion Ratio Lower Upper
154 100
153 41.5 20.5 60.5
76 15.9 0.0 29.3





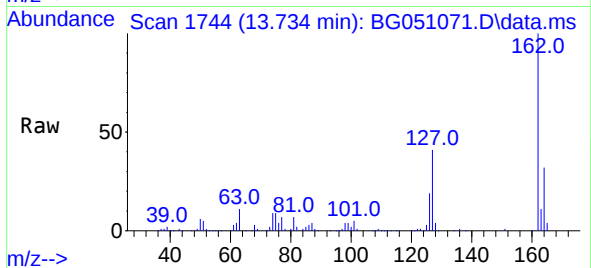
#47
2-Chloronaphthalene
Concen: 45.123 ng
RT: 13.734 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

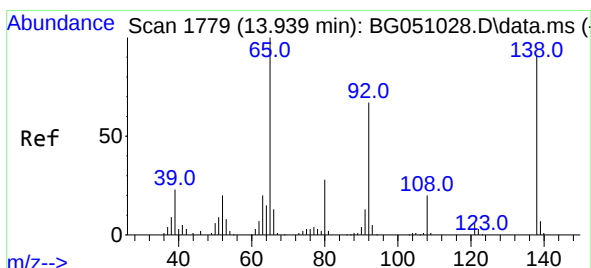
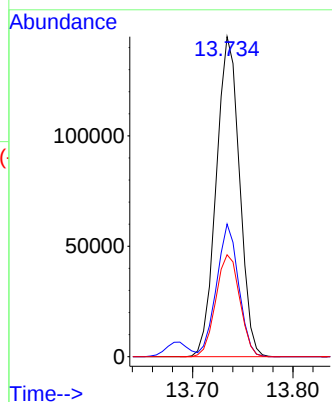


Tgt Ion:162 Resp: 233315
Ion Ratio Lower Upper
162 100
127 41.5 32.7 49.1
164 31.9 27.0 40.4

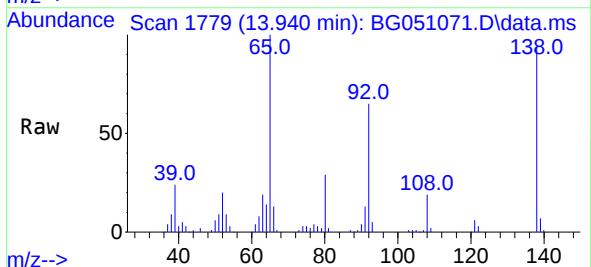
Manual Integrations

APPROVED

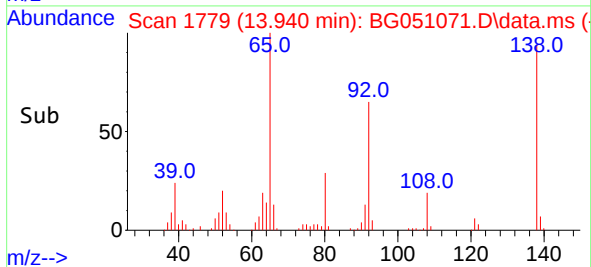
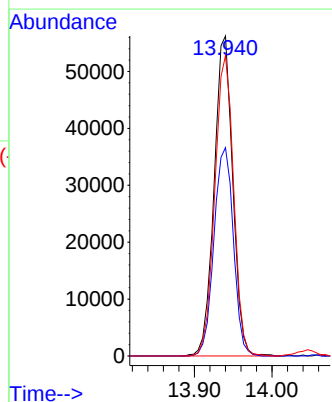
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

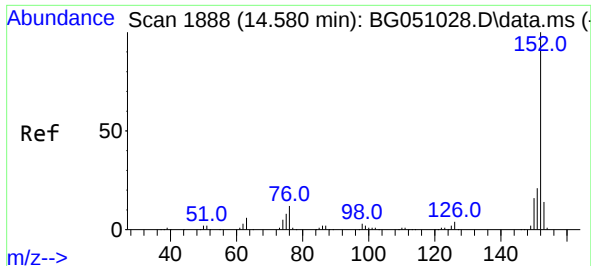


#48
2-Nitroaniline
Concen: 47.329 ng
RT: 13.940 min Scan# 1779
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion: 65 Resp: 93714
Ion Ratio Lower Upper
65 100
92 65.1 47.2 70.8
138 93.8 68.0 102.0





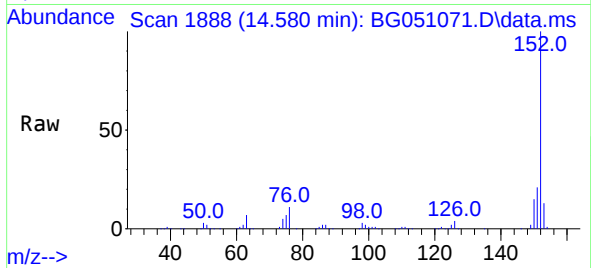
#49
Acenaphthylene
Concen: 45.738 ng
RT: 14.580 min Scan# 1888
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

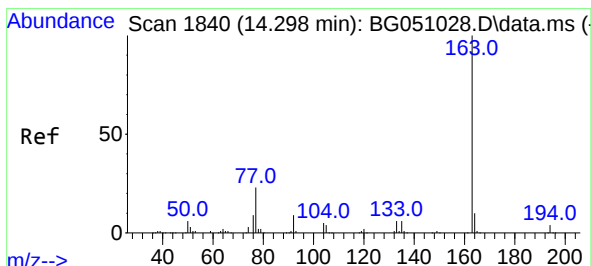
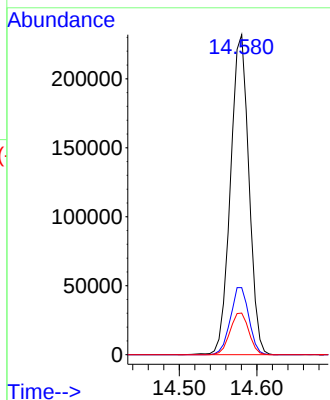
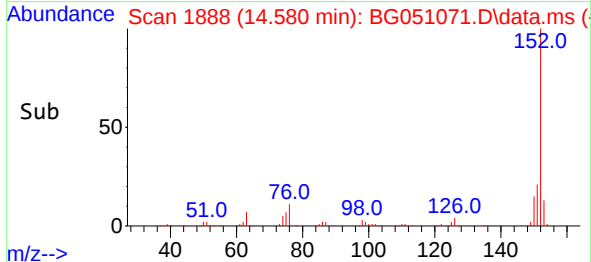


Tgt Ion:152 Resp: 382490
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.4
153 13.0 11.7 17.5

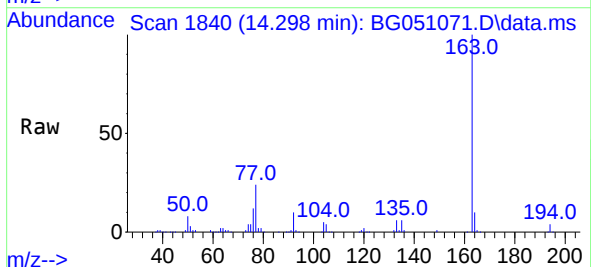
Manual Integrations

APPROVED

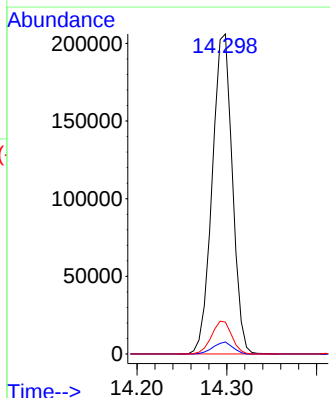
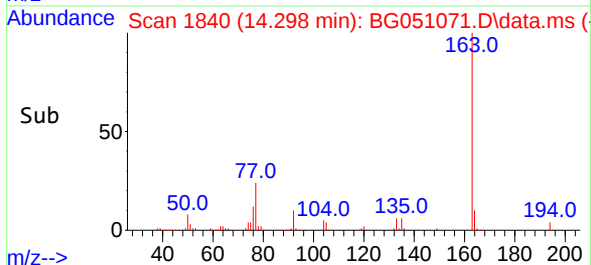
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

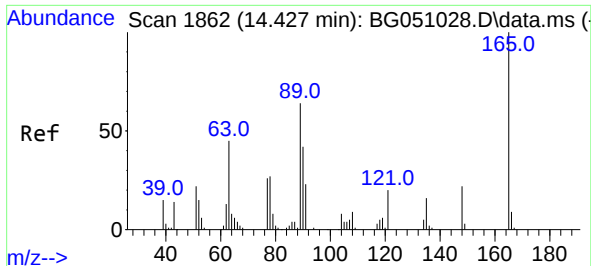


#50
Dimethylphthalate
Concen: 45.136 ng
RT: 14.298 min Scan# 1840
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:163 Resp: 320716
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 48.045 ng
RT: 14.428 min Scan# 1862
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

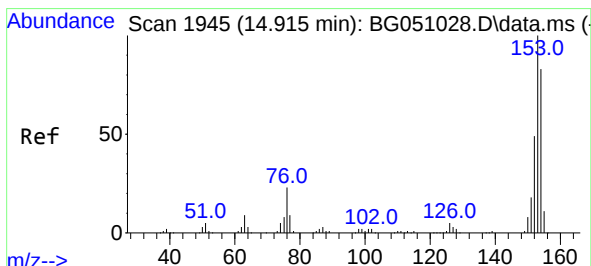
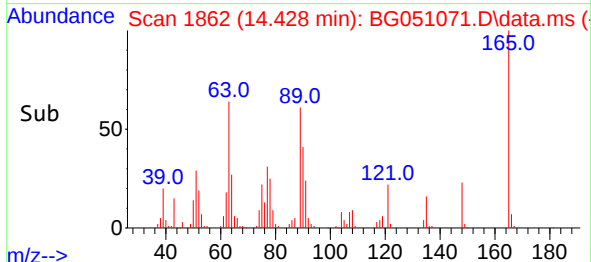
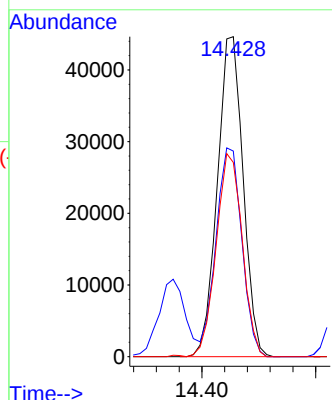
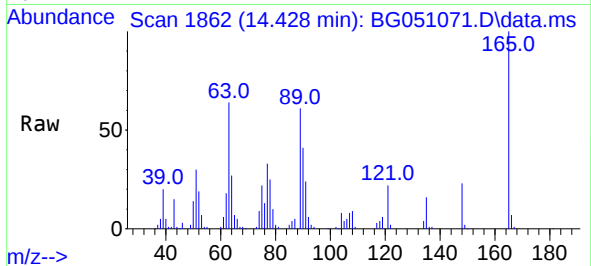
COMP-2MSD

Tgt Ion:165 Resp: 7026
Ion Ratio Lower Upper
165 100
63 64.2 63.3 94.9
89 60.7 63.4 95.0

Manual Integrations

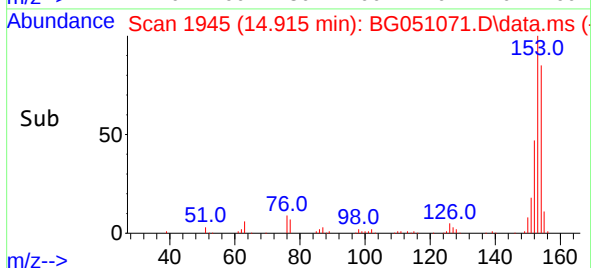
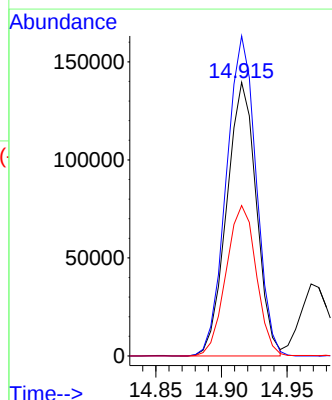
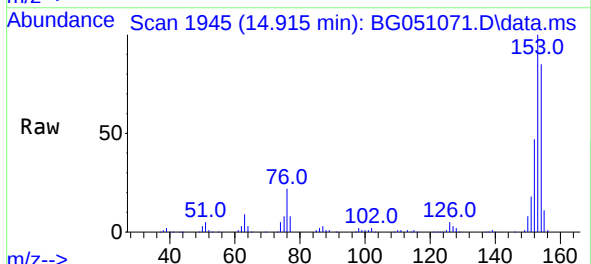
APPROVED

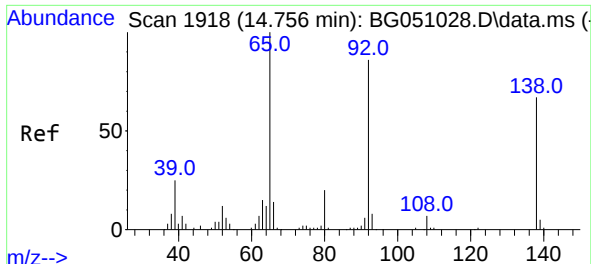
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#52
Acenaphthene
Concen: 45.032 ng
RT: 14.915 min Scan# 1945
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:154 Resp: 219426
Ion Ratio Lower Upper
154 100
153 117.0 87.0 130.4
152 55.0 40.1 60.1





#53
3-Nitroaniline
Concen: 29.033 ng
RT: 14.757 min Scan# 1918
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

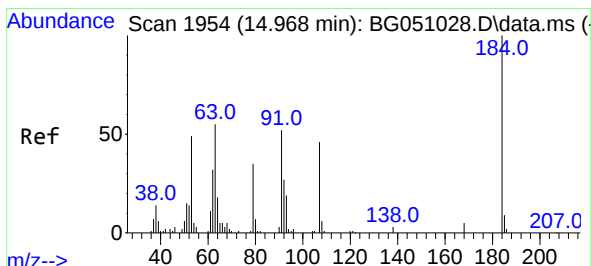
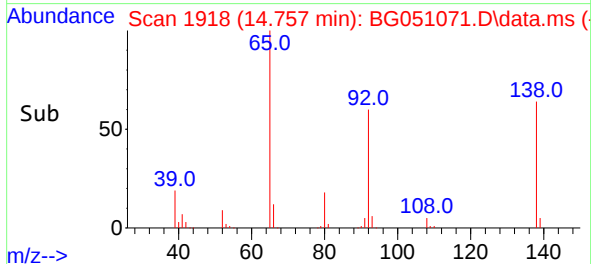
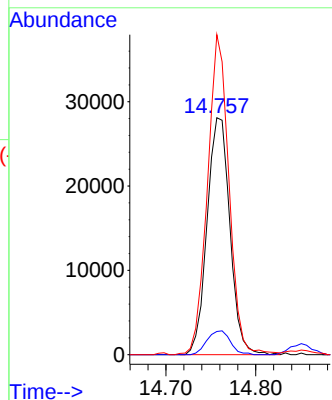
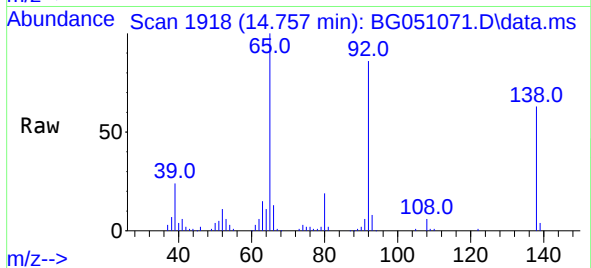
COMP-2MSD

Tgt Ion:138 Resp: 4962
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 135.0 96.4 144.6

Manual Integrations

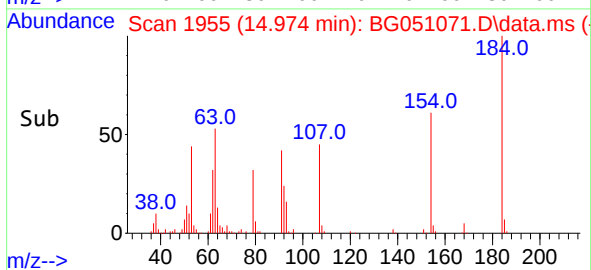
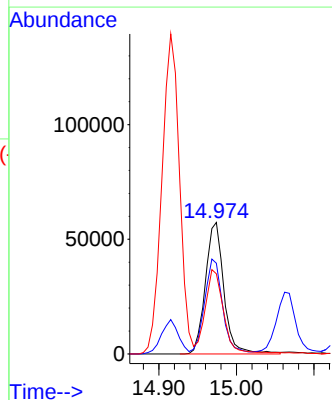
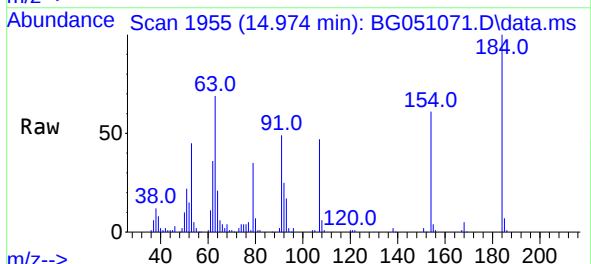
APPROVED

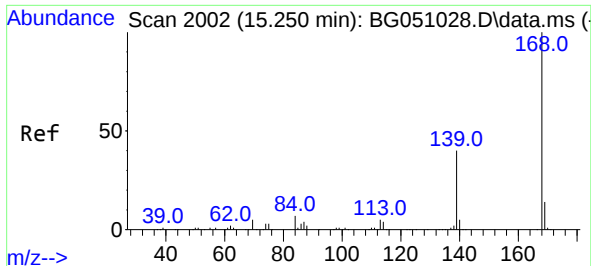
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#54
2,4-Dinitrophenol
Concen: 119.295 ng
RT: 14.974 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:184 Resp: 95402
Ion Ratio Lower Upper
184 100
63 69.1 68.3 102.5
154 60.9 62.6 93.8#





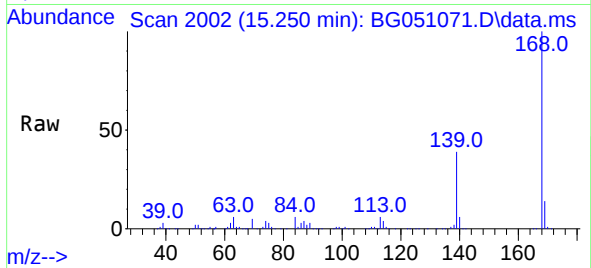
#55
Dibenzenofuran
Concen: 44.502 ng
RT: 15.250 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

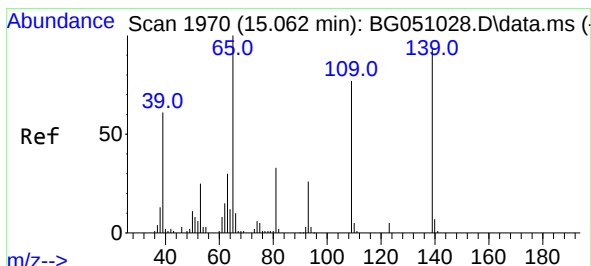
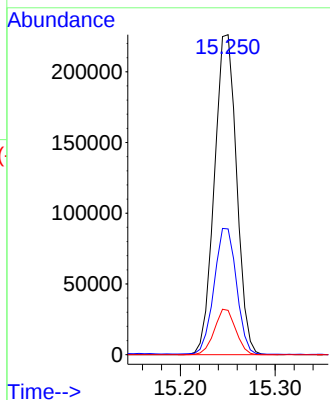
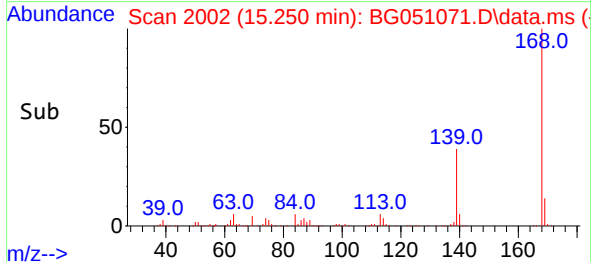


Tgt Ion:168 Resp: 368822
Ion Ratio Lower Upper
168 100
139 39.3 33.4 50.2
169 13.9 12.3 18.5

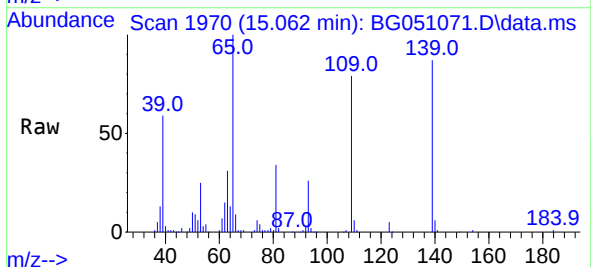
Manual Integrations

APPROVED

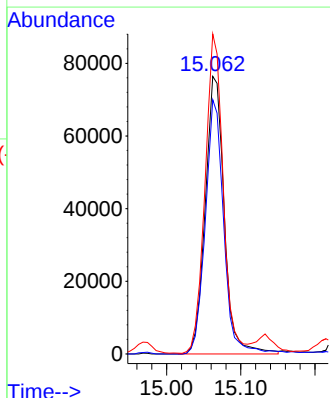
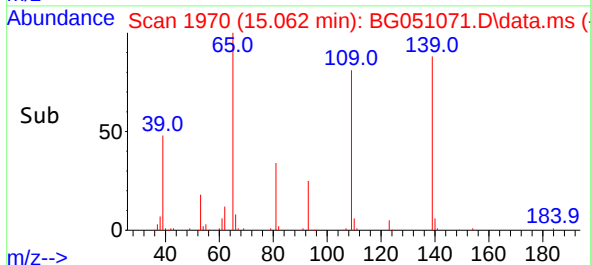
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

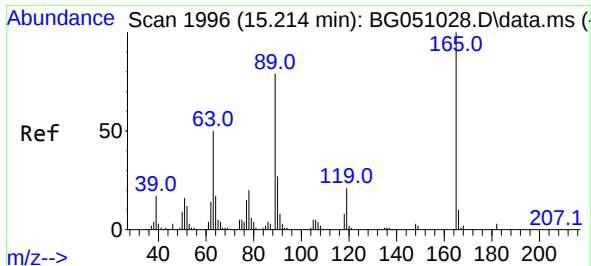


#56
4-Nitrophenol
Concen: 104.119 ng
RT: 15.062 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:139 Resp: 136135
Ion Ratio Lower Upper
139 100
109 91.6 116.3 156.3#
65 115.3 105.0 145.0





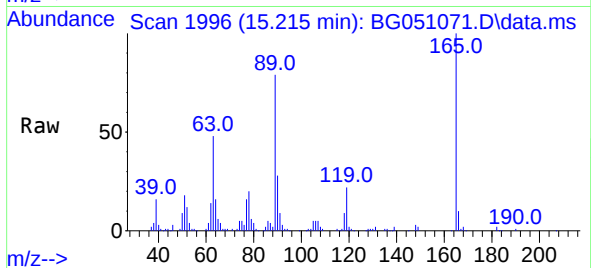
#57
2,4-Dinitrotoluene
Concen: 50.419 ng
RT: 15.215 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

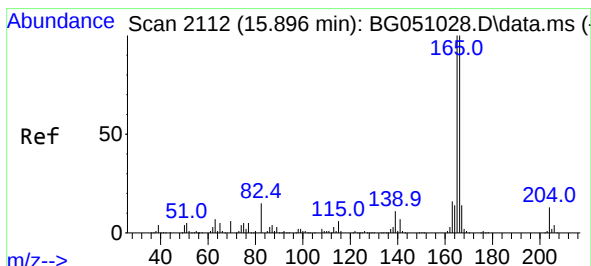
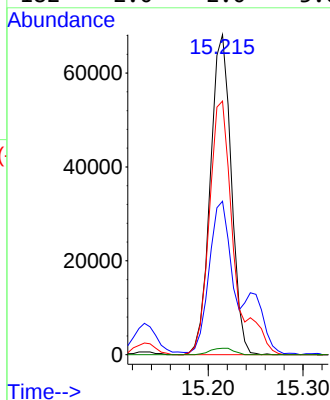
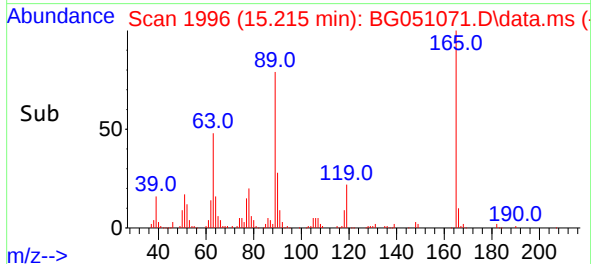


Tgt Ion:165 Resp: 104614
Ion Ratio Lower Upper
165 100
63 47.9 48.0 72.0
89 79.2 65.4 98.0
182 2.0 2.0 3.0#

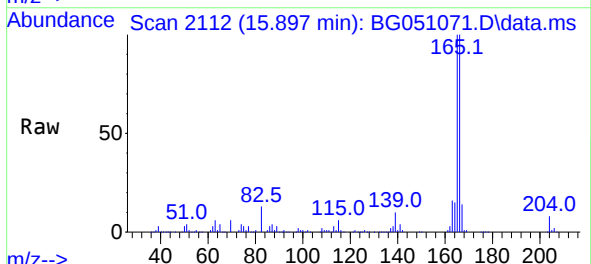
Manual Integrations

APPROVED

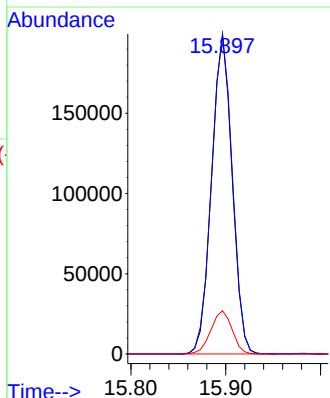
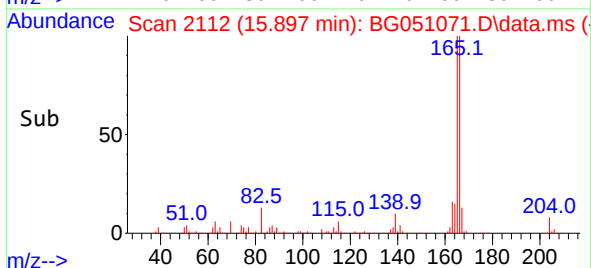
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

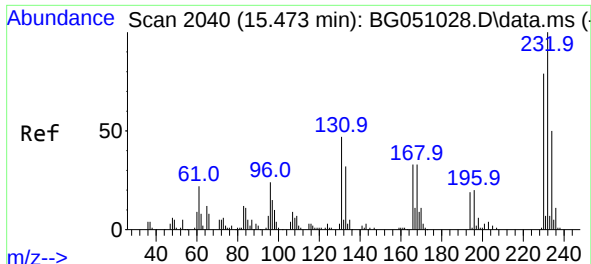


#58
Fluorene
Concen: 46.298 ng
RT: 15.897 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:166 Resp: 299520
Ion Ratio Lower Upper
166 100
165 100.3 77.7 116.5
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.753 ng
RT: 15.473 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

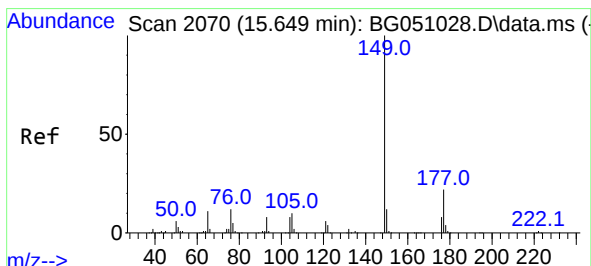
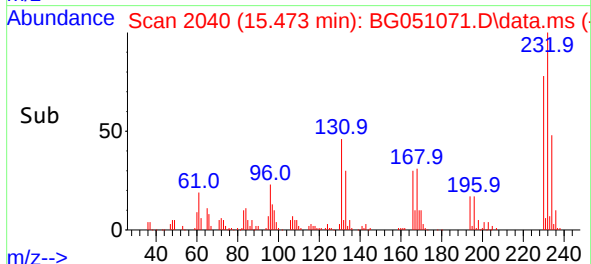
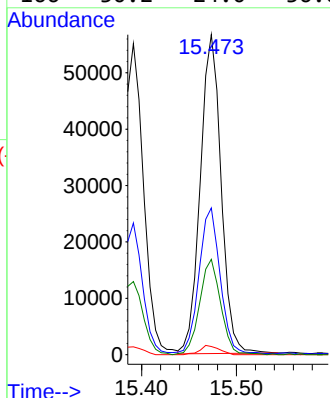
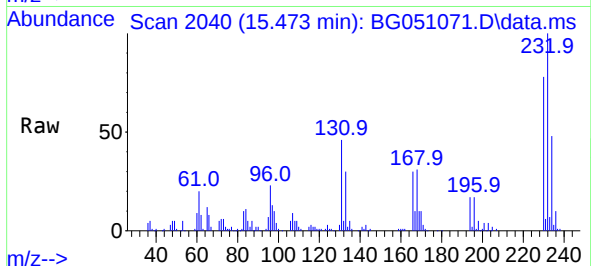
COMP-2MSD

Tgt Ion:232 Resp: 8653
Ion Ratio Lower Upper
232 100
131 46.4 37.2 55.8
130 2.7 2.8 4.2
166 30.2 24.0 36.0

Manual Integrations

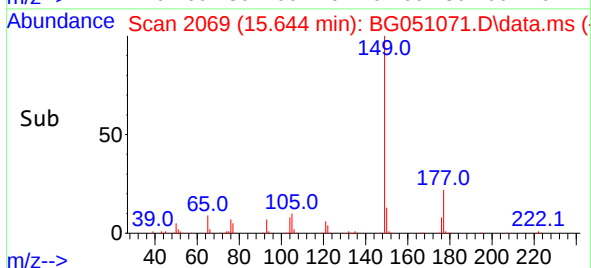
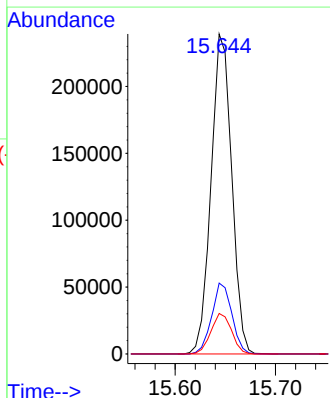
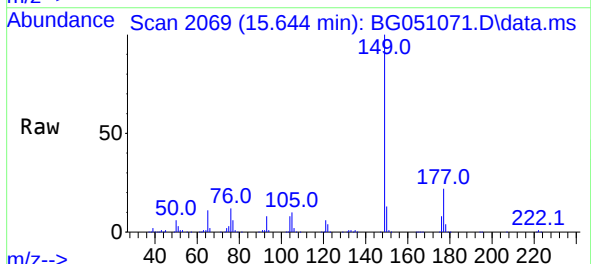
APPROVED

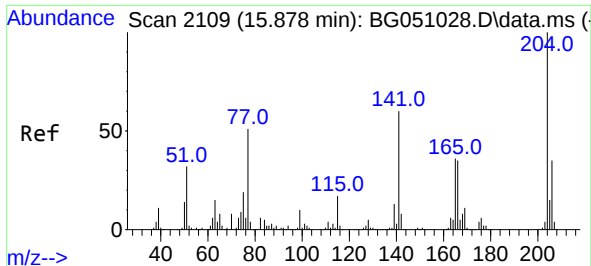
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#60
Diethylphthalate
Concen: 45.923 ng
RT: 15.644 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:149 Resp: 342399
Ion Ratio Lower Upper
149 100
177 22.2 19.0 28.6
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.791 ng
RT: 15.879 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

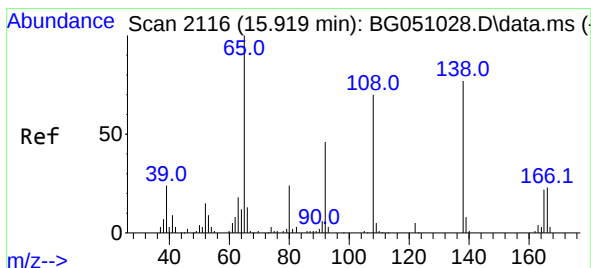
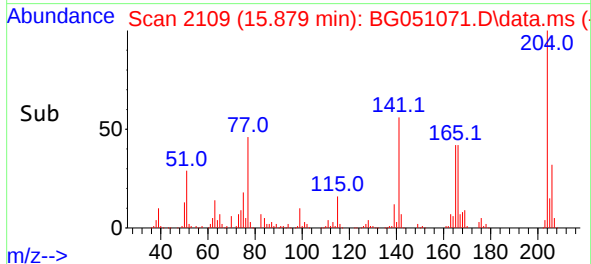
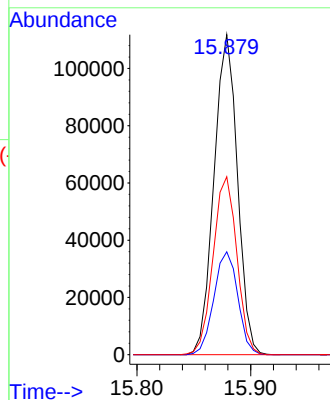
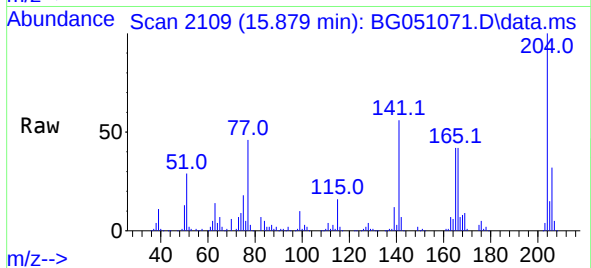
COMP-2MSD

Tgt Ion:204 Resp: 16001
Ion Ratio Lower Upper
204 100
206 32.2 24.6 37.0
141 55.6 47.8 71.8

Manual Integrations

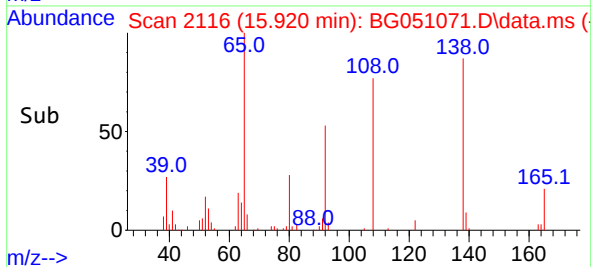
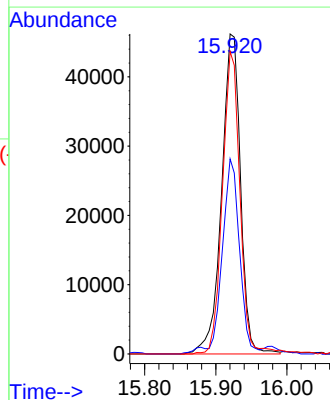
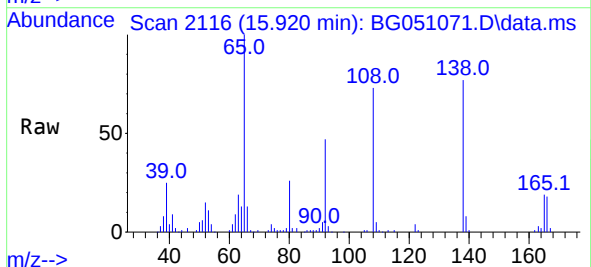
APPROVED

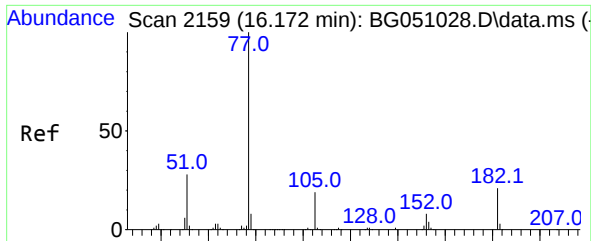
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#62
4-Nitroaniline
Concen: 47.882 ng
RT: 15.920 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:138 Resp: 85066
Ion Ratio Lower Upper
138 100
92 61.0 32.3 72.3
108 94.5 132.4 172.4#





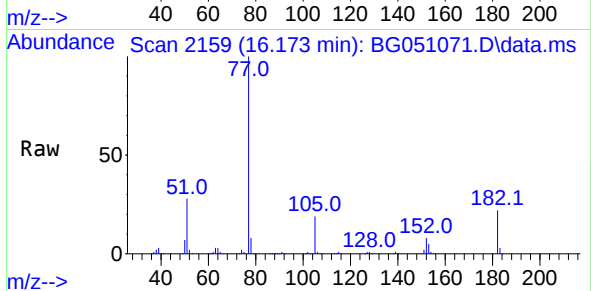
#63
Azobenzene
Concen: 44.441 ng
RT: 16.173 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

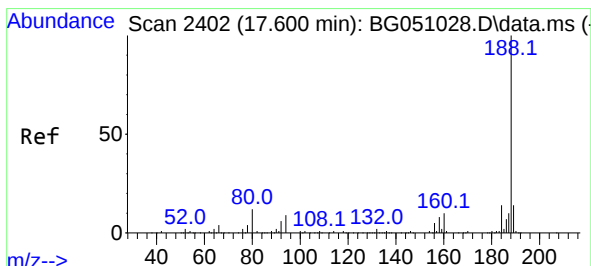
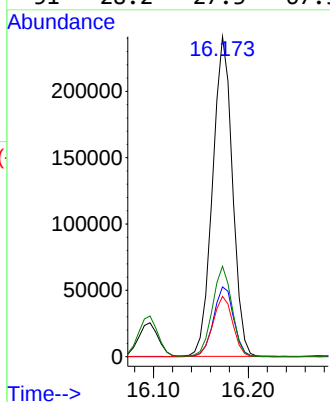
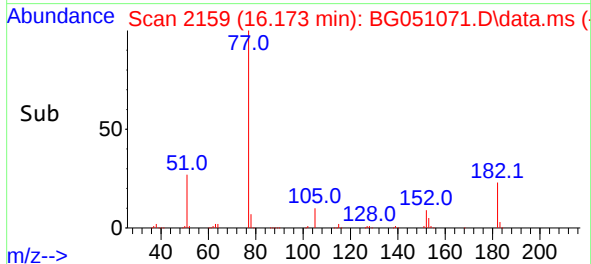


Tgt Ion: 77 Resp: 351139
Ion Ratio Lower Upper
77 100
182 21.8 7.9 47.9
105 18.8 0.0 37.9
51 28.2 27.3 67.3

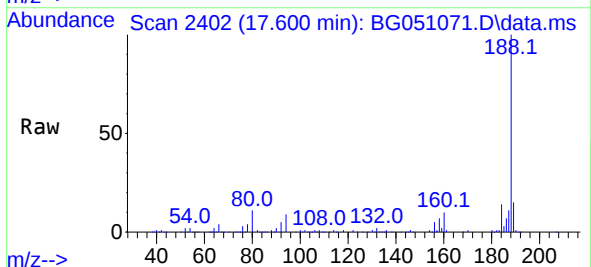
Manual Integrations

APPROVED

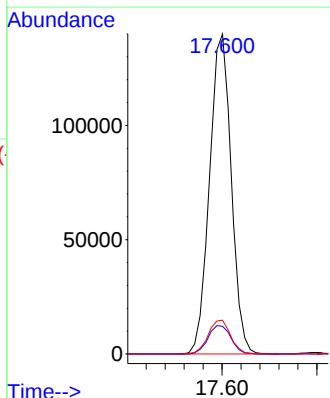
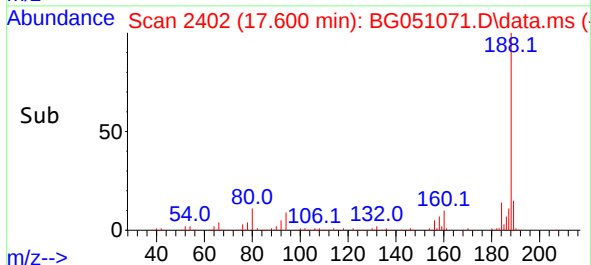
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

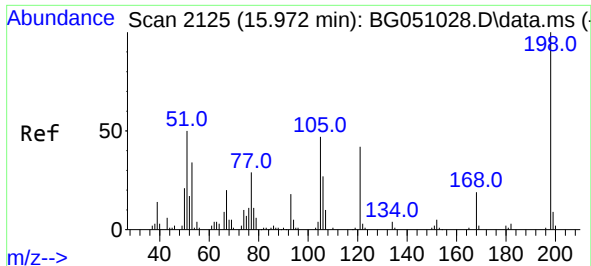


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:188 Resp: 222158
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 10.6 3.7 5.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.720 ng
RT: 15.979 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

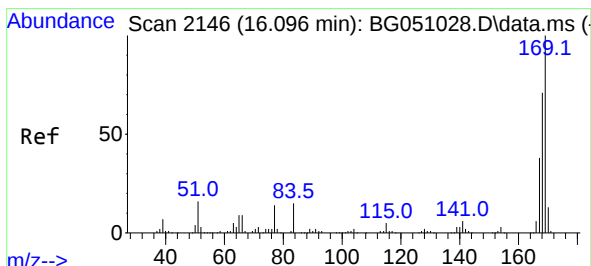
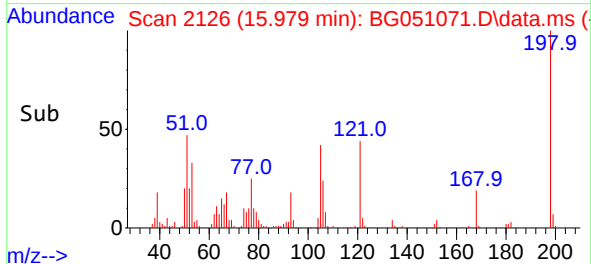
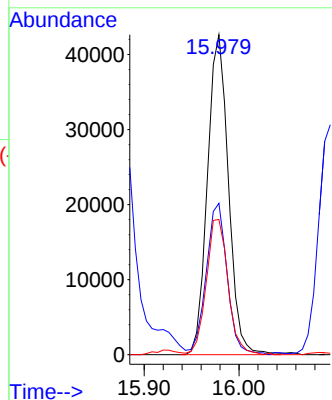
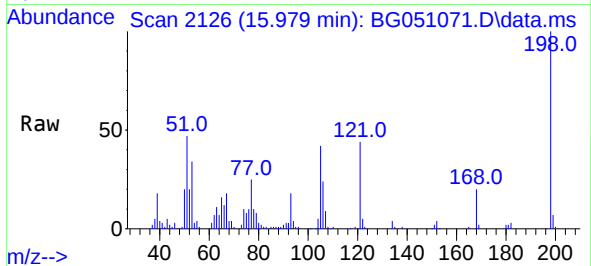
COMP-2MSD

Tgt Ion:198 Resp: 6558
Ion Ratio Lower Upper
198 100
51 47.3 29.4 69.4
105 42.3 15.1 55.1

Manual Integrations

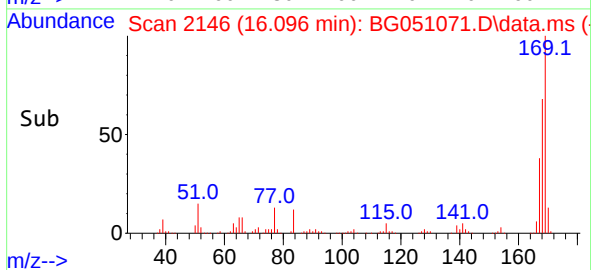
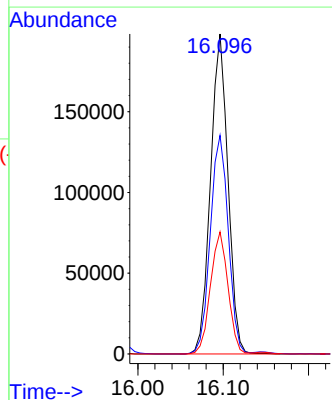
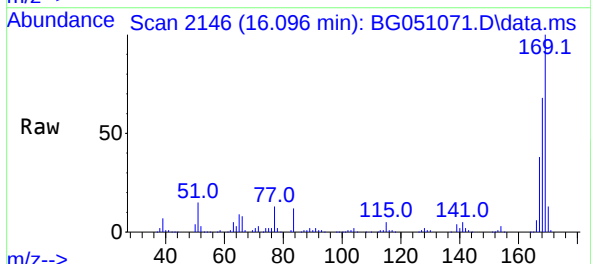
APPROVED

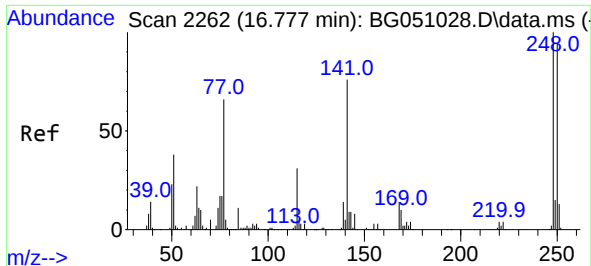
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#66
n-Nitrosodiphenylamine
Concen: 44.054 ng
RT: 16.096 min Scan# 2146
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:169 Resp: 281070
Ion Ratio Lower Upper
169 100
168 68.3 56.3 84.5
167 38.1 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 43.412 ng
RT: 16.778 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

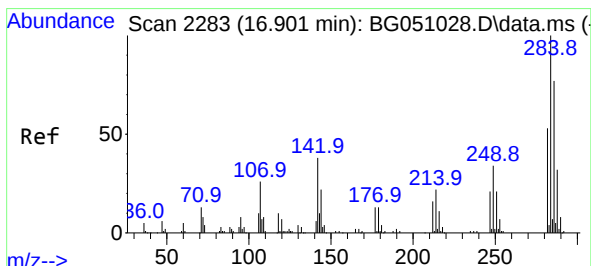
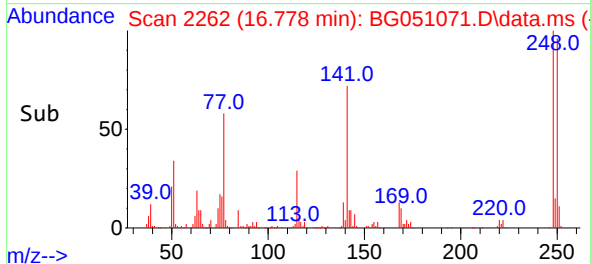
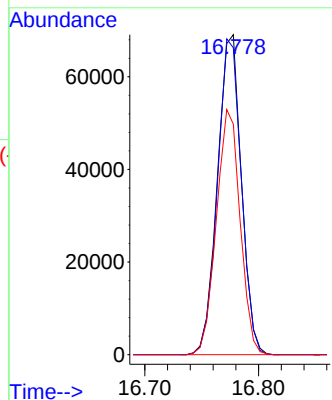
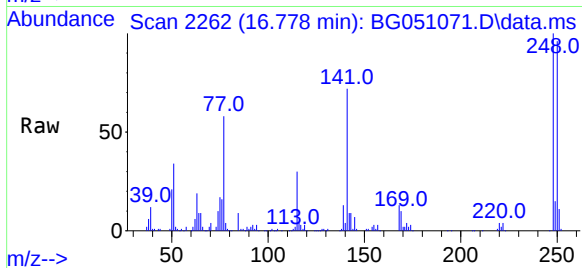
COMP-2MSD

Tgt Ion:248 Resp: 10102
Ion Ratio Lower Upper
248 100
250 95.9 76.1 114.1
141 72.1 65.4 98.2

Manual Integrations

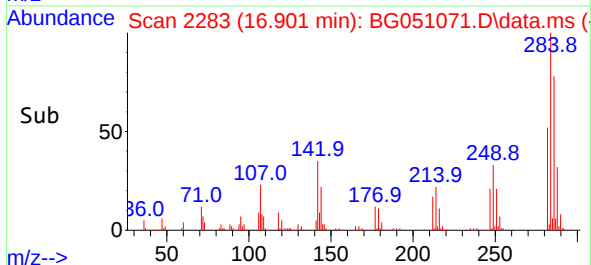
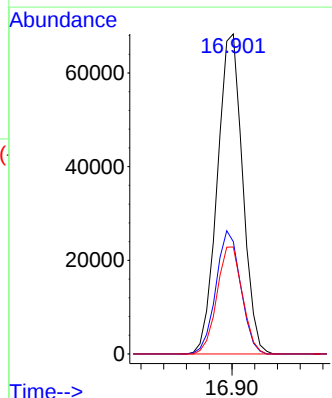
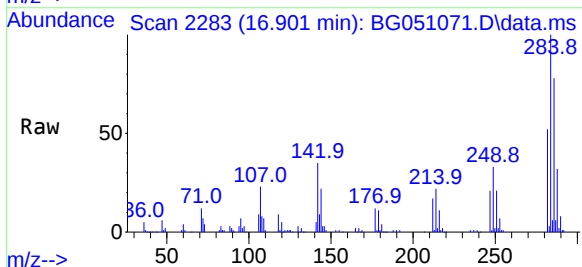
APPROVED

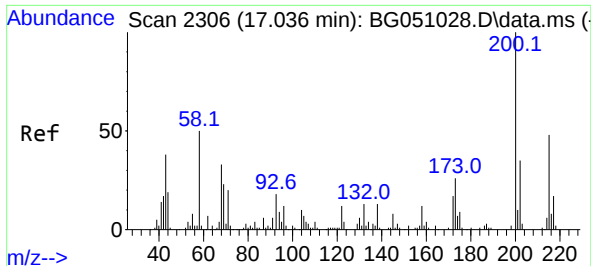
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#68
Hexachlorobenzene
Concen: 46.048 ng
RT: 16.901 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

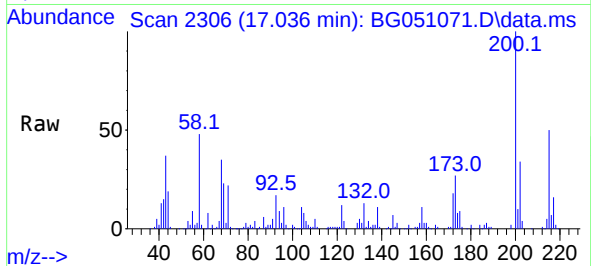
Tgt Ion:284 Resp: 105476
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.6
249 33.4 28.2 42.2





#69
Atrazine
Concen: 75.196 ng
RT: 17.036 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

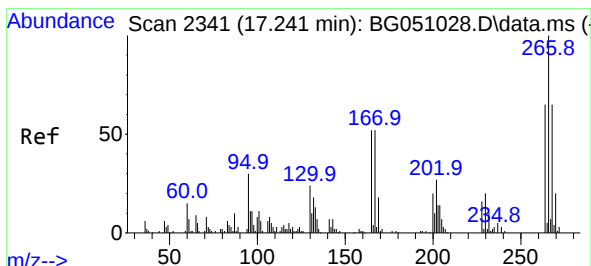
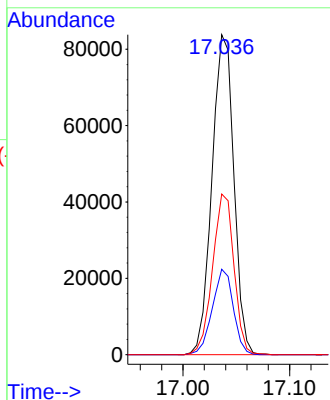
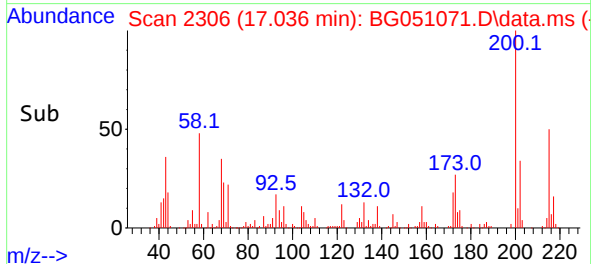
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



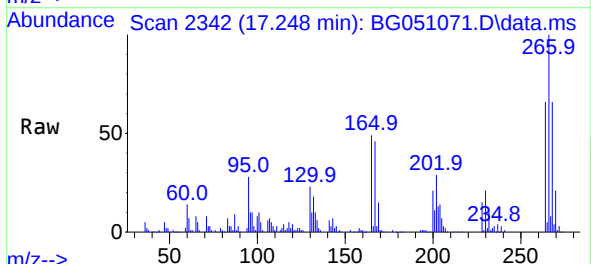
Tgt Ion:200 Resp: 119284
Ion Ratio Lower Upper
200 100
173 26.7 3.7 43.7
215 50.2 26.9 66.9

Manual Integrations
APPROVED

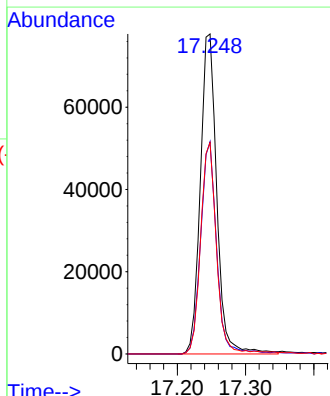
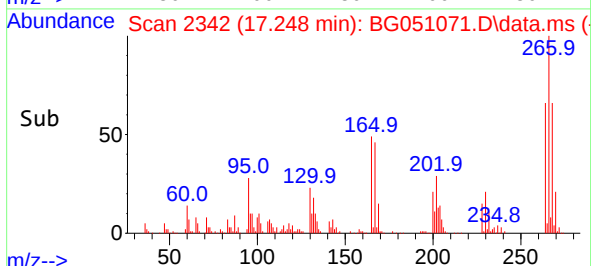
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

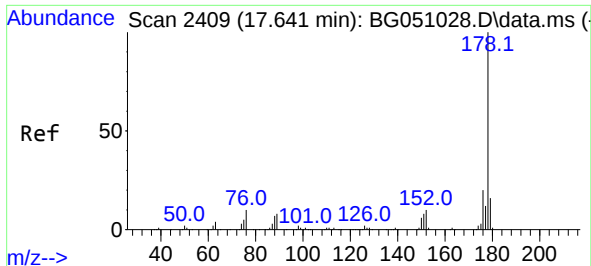


#70
Pentachlorophenol
Concen: 100.491 ng
RT: 17.248 min Scan# 2342
Delta R.T. 0.007 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



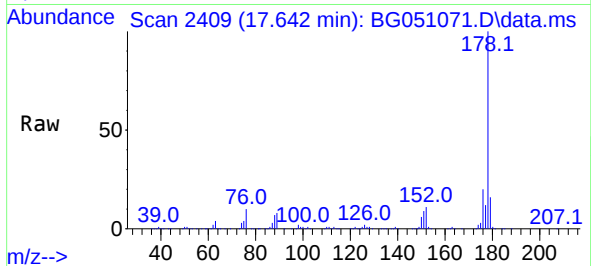
Tgt Ion:266 Resp: 130625
Ion Ratio Lower Upper
266 100
268 66.3 49.0 73.4
264 66.0 49.0 73.6





#71
Phenanthrene
Concen: 45.523 ng
RT: 17.642 min Scan# 2409
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

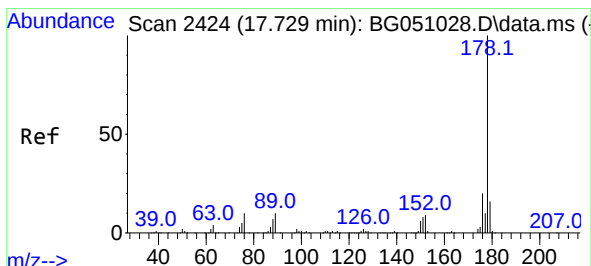
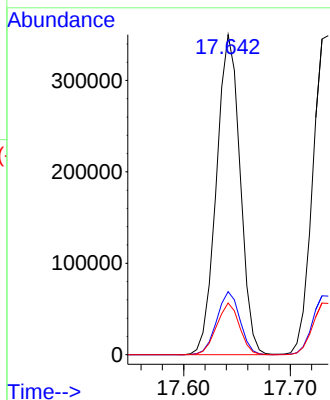
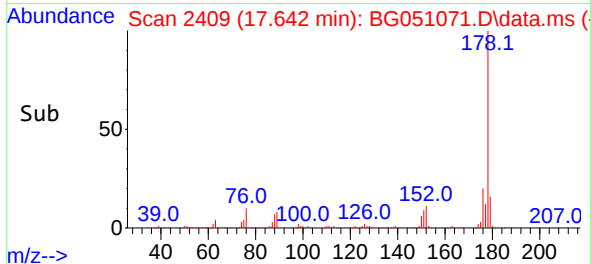
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



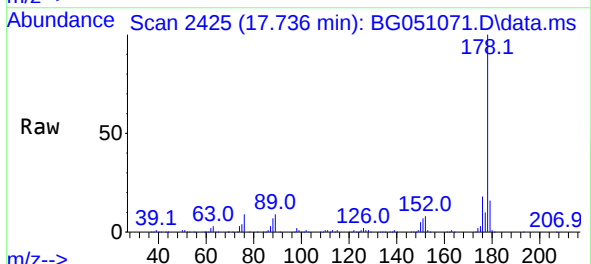
Tgt Ion:178 Resp: 539449
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.2 14.2 21.4

Manual Integrations
APPROVED

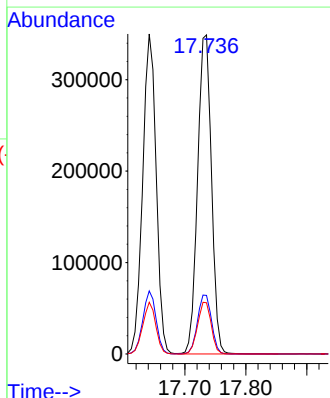
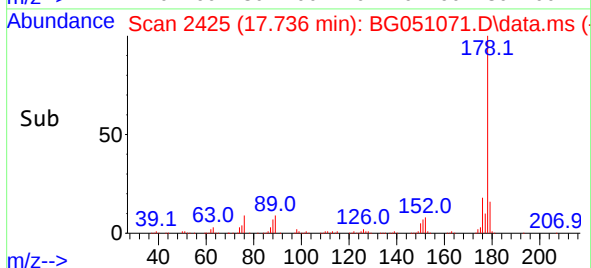
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

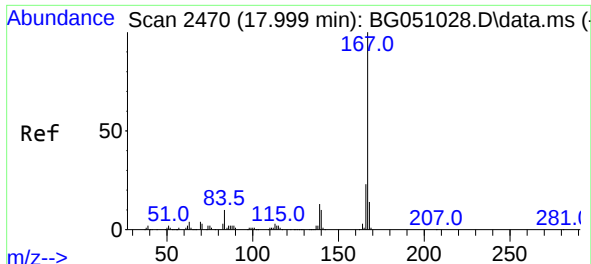


#72
Anthracene
Concen: 46.837 ng
RT: 17.736 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:178 Resp: 551998
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 16.0 13.4 20.0





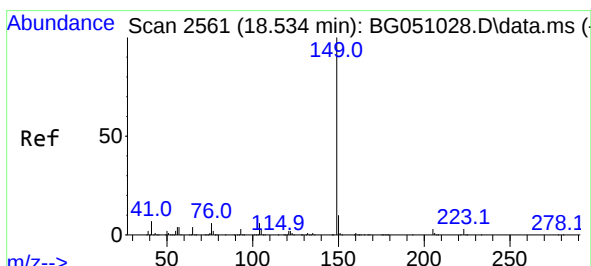
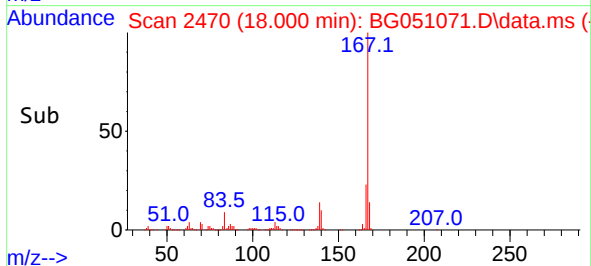
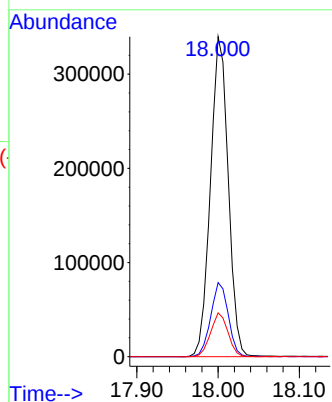
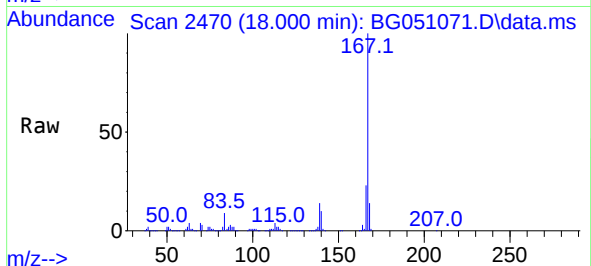
#73
 Carbazole
 Concen: 44.286 ng
 RT: 18.000 min Scan# 2470
 Delta R.T. 0.001 min
 Lab File: BG051071.D
 Acq: 16 Nov 2021 17:54

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2MSD

Tgt Ion:167 Resp: 51689
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.2
 139 13.7 10.7 16.1

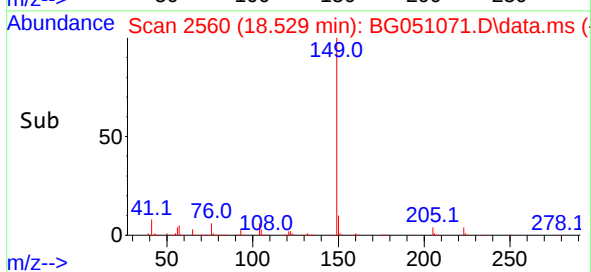
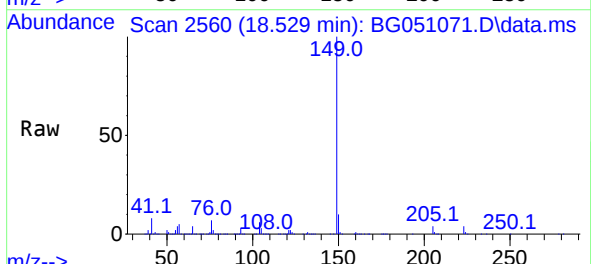
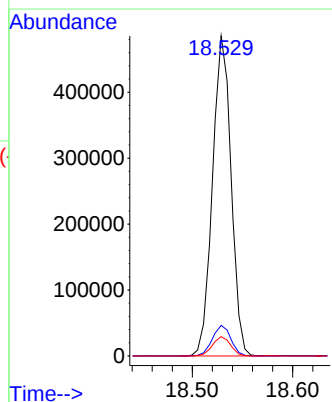
Manual Integrations
 APPROVED

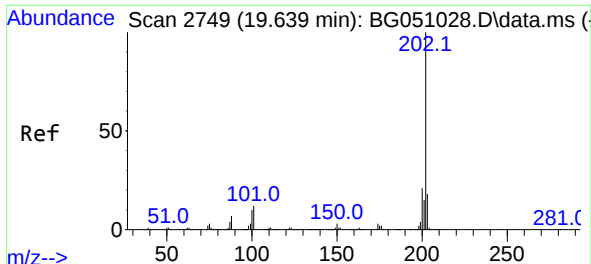
Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021



#74
 Di-n-butylphthalate
 Concen: 45.221 ng
 RT: 18.529 min Scan# 2560
 Delta R.T. -0.005 min
 Lab File: BG051071.D
 Acq: 16 Nov 2021 17:54

Tgt Ion:149 Resp: 625349
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.1 6.6 10.0#





#75
Fluoranthene
Concen: 45.996 ng
RT: 19.639 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

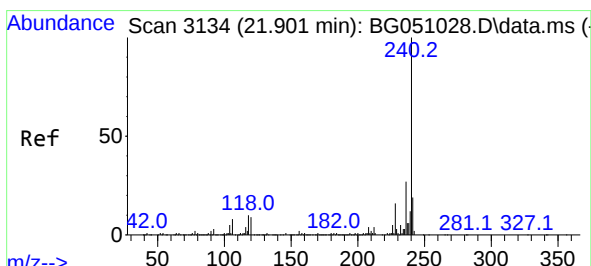
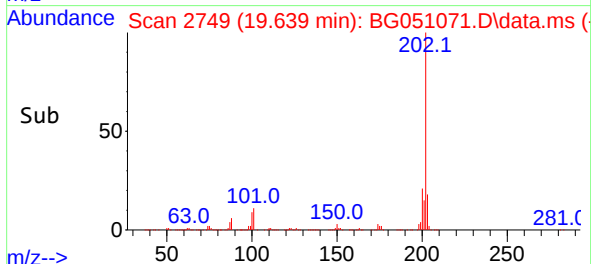
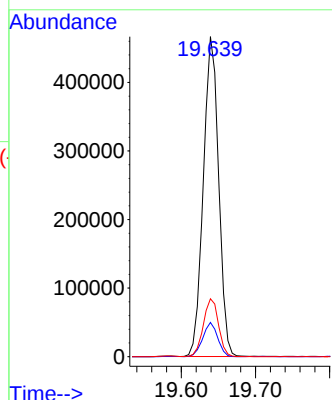
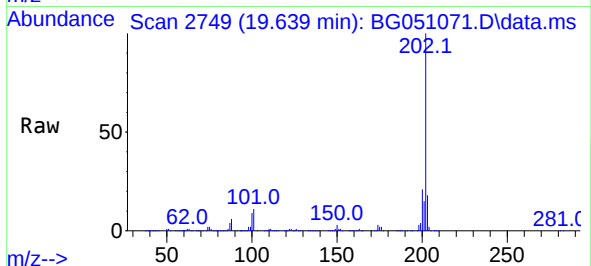
COMP-2MSD

Tgt Ion:202 Resp: 668700
Ion Ratio Lower Upper
202 100
101 10.7 0.0 24.7
203 18.1 0.0 38.5

Manual Integrations

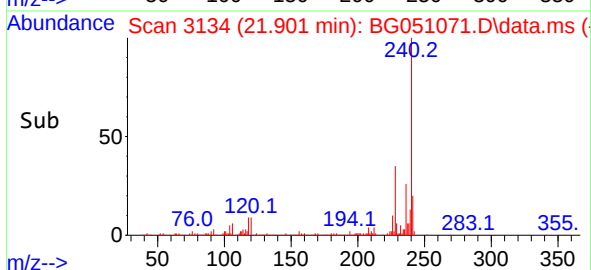
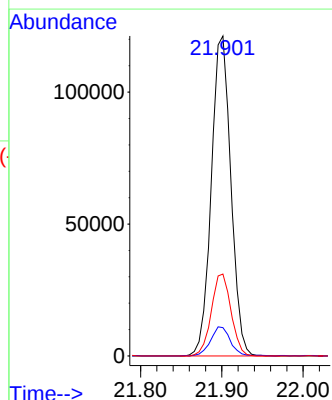
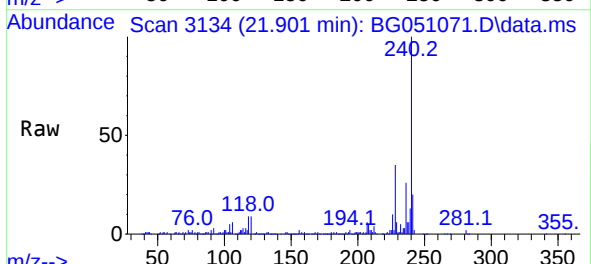
APPROVED

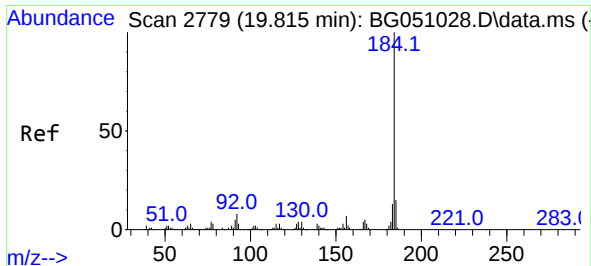
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:240 Resp: 202624
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 25.6 21.8 32.6





#77
Benzidine
Concen: 65.377 ng
RT: 19.815 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

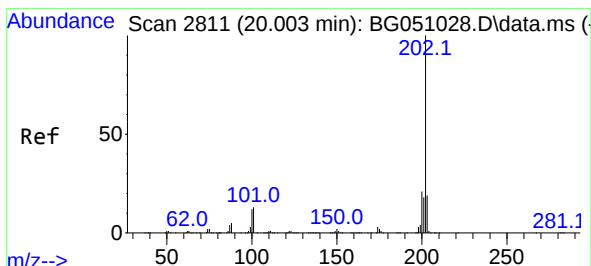
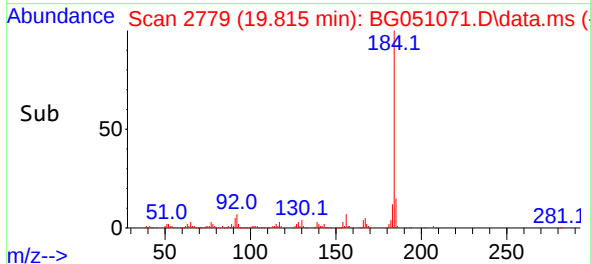
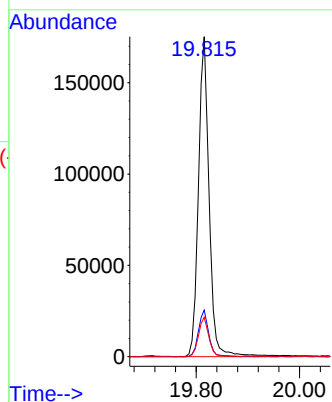
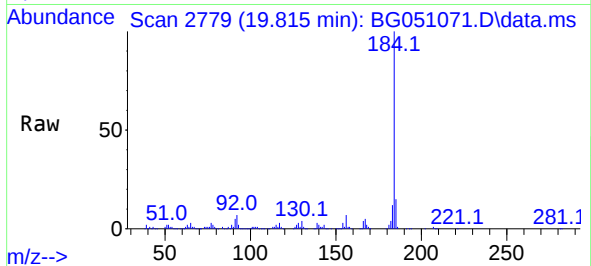
COMP-2MSD

Tgt Ion:184 Resp: 250398
Ion Ratio Lower Upper
184 100
185 14.5 10.7 16.1
183 12.3 9.4 14.0

Manual Integrations

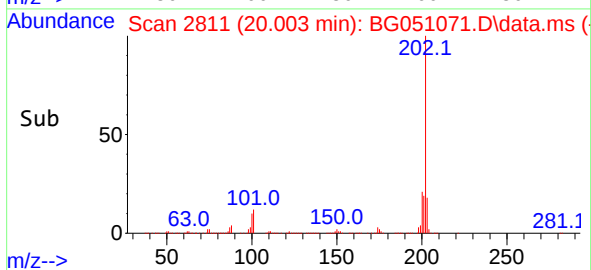
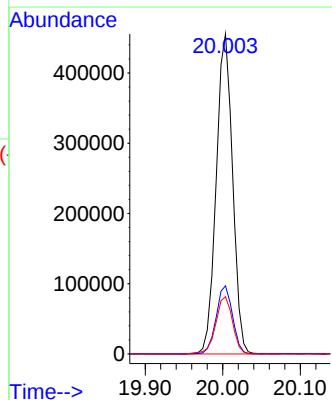
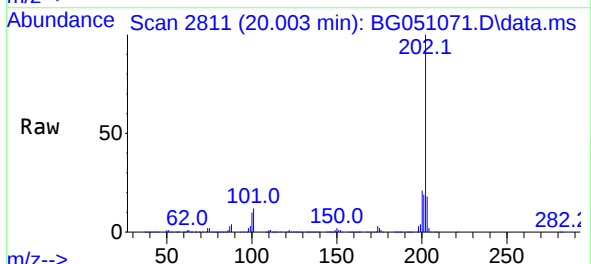
APPROVED

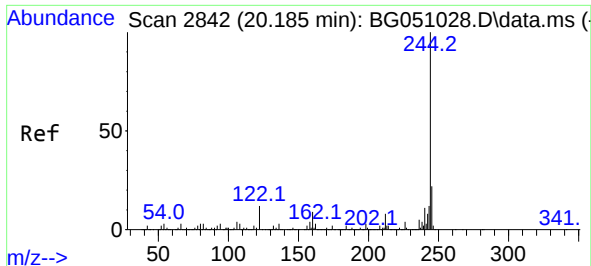
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#78
Pyrene
Concen: 44.006 ng
RT: 20.003 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:202 Resp: 668930
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 17.9 14.6 21.8





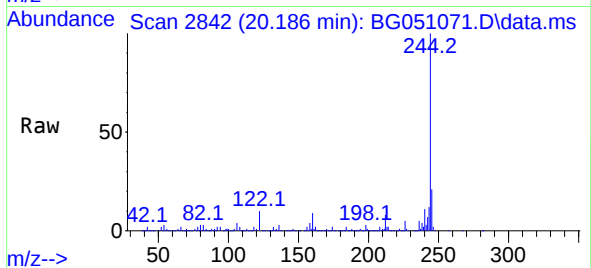
#79
 Terphenyl-d14
 Concen: 73.107 ng
 RT: 20.186 min Scan# 2842
 Delta R.T. 0.001 min
 Lab File: BG051071.D
 Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

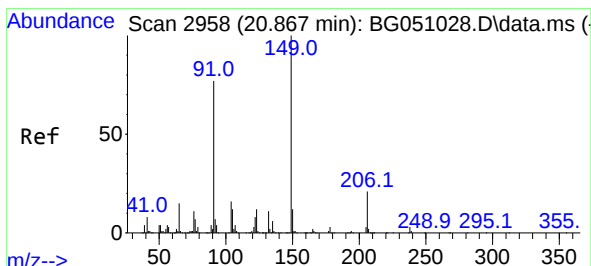
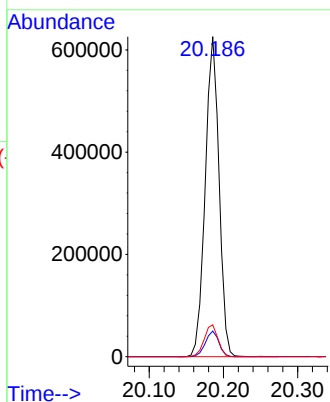
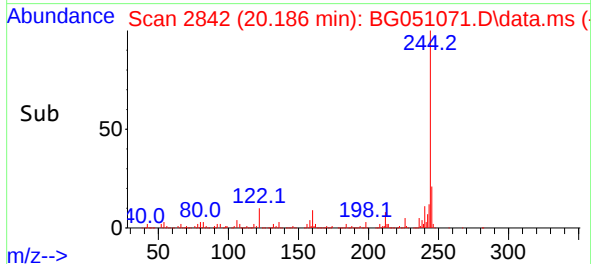


Tgt Ion:244 Resp: 80956
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 10.0 5.0 7.6

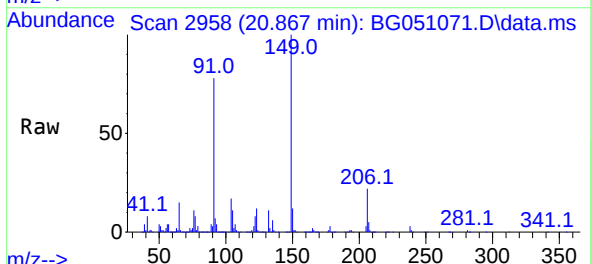
Manual Integrations

APPROVED

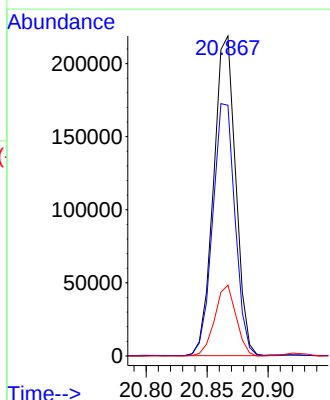
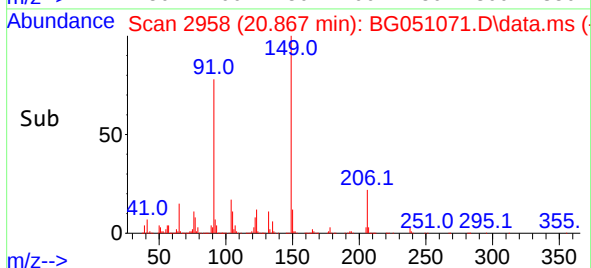
Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021

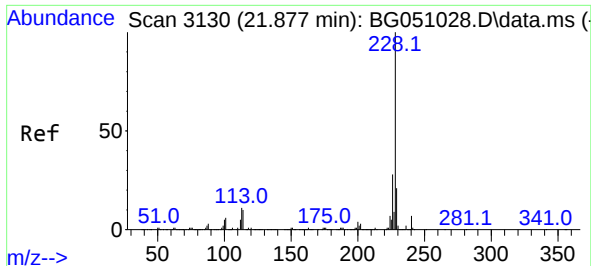


#80
 Butylbenzylphthalate
 Concen: 42.305 ng
 RT: 20.867 min Scan# 2958
 Delta R.T. 0.001 min
 Lab File: BG051071.D
 Acq: 16 Nov 2021 17:54



Tgt Ion:149 Resp: 276417
 Ion Ratio Lower Upper
 149 100
 91 78.3 63.4 95.2
 206 22.1 18.4 27.6





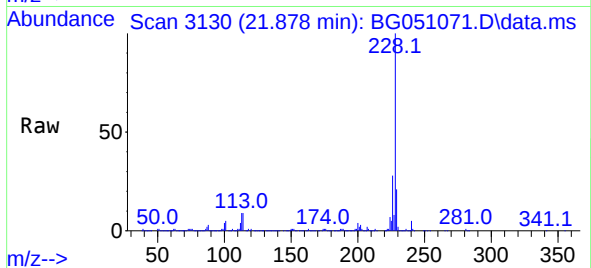
#81
Benzo(a)anthracene
Concen: 43.928 ng
RT: 21.878 min Scan# 3117
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

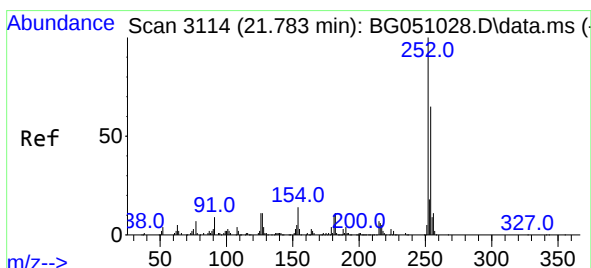
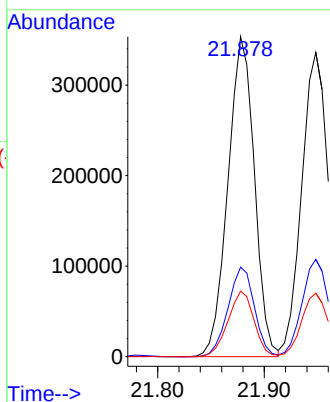
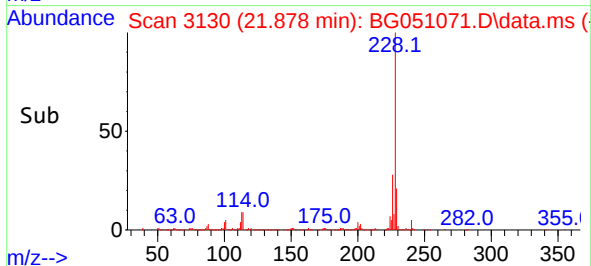


Tgt Ion:228 Resp: 611179
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.5 16.0 24.0

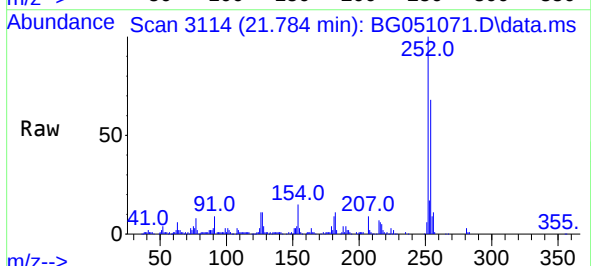
Manual Integrations

APPROVED

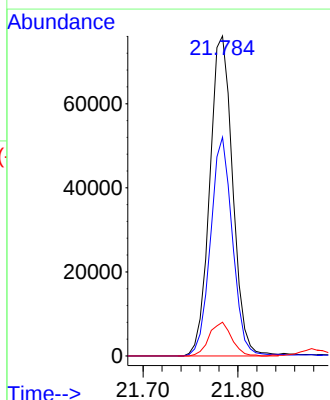
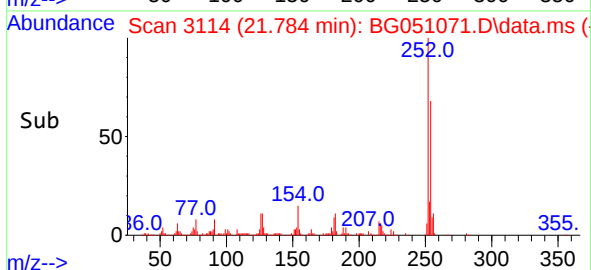
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

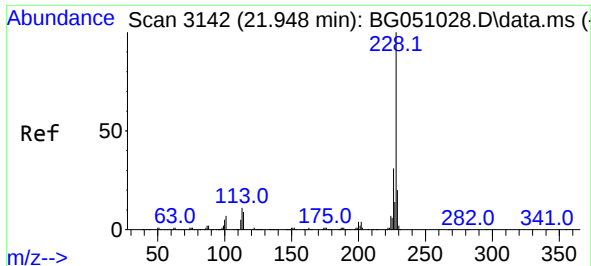


#82
3,3'-Dichlorobenzidine
Concen: 20.073 ng
RT: 21.784 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



Tgt Ion:252 Resp: 127724
Ion Ratio Lower Upper
252 100
254 68.3 52.4 78.6
126 10.5 5.9 8.9#





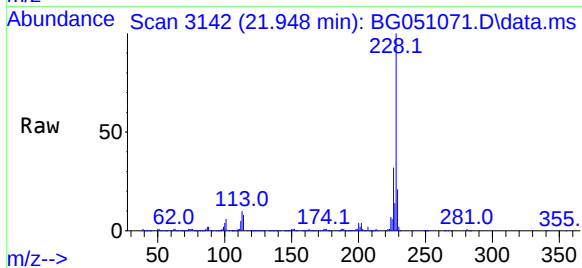
#83
Chrysene
Concen: 44.553 ng
RT: 21.948 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

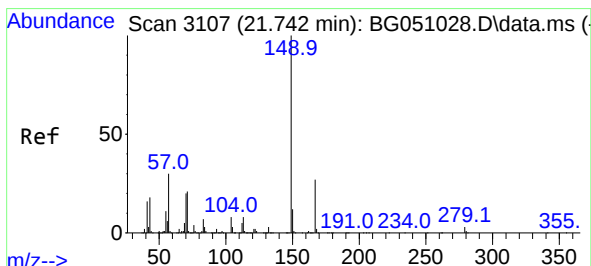
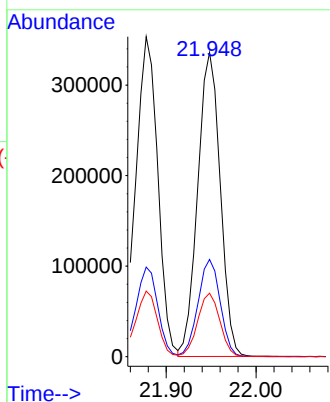
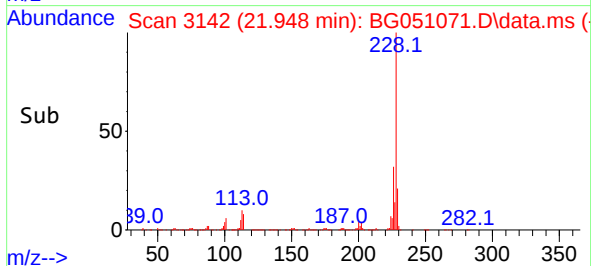


Tgt Ion:228 Resp: 584754
Ion Ratio Lower Upper
228 100
226 32.0 23.1 34.7
229 20.9 15.3 22.9

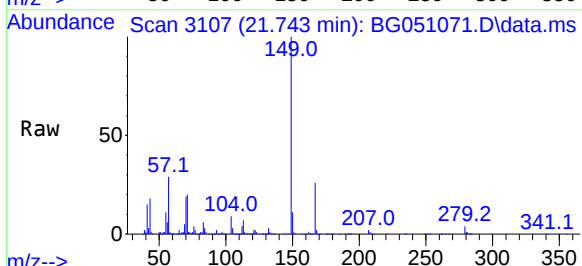
Manual Integrations

APPROVED

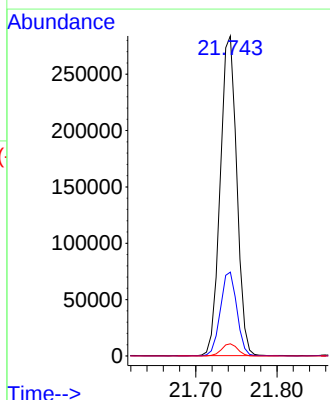
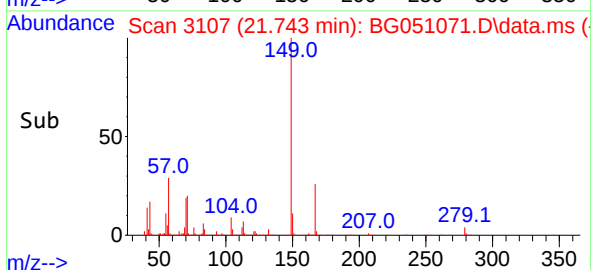
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

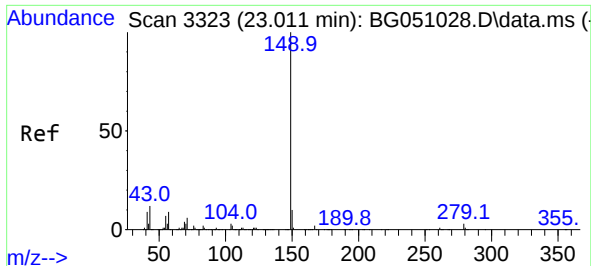


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.619 ng
RT: 21.743 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54



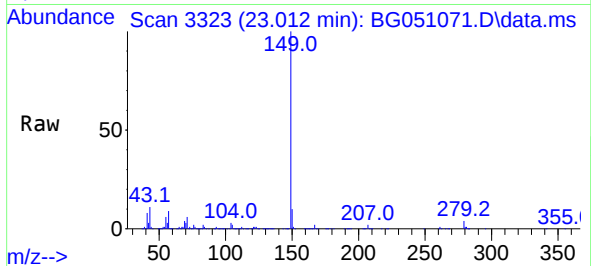
Tgt Ion:149 Resp: 401305
Ion Ratio Lower Upper
149 100
167 26.2 22.3 33.5
279 3.8 3.8 5.8#





#85
Di-n-octyl phthalate
Concen: 44.399 ng
RT: 23.012 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

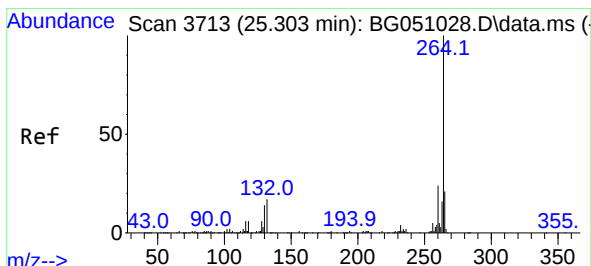
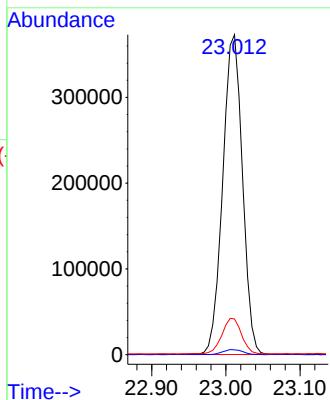
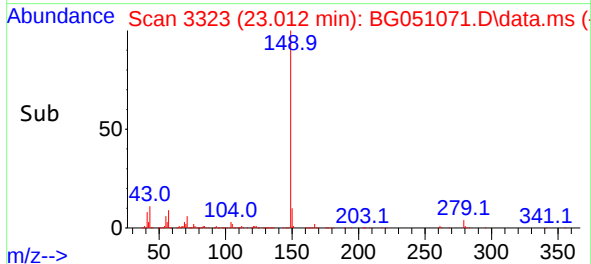
Instrument :
BNA_G
ClientSampleId :
COMP-2MSD



Tgt Ion:149 Resp: 68760
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 11.1 8.6 12.8

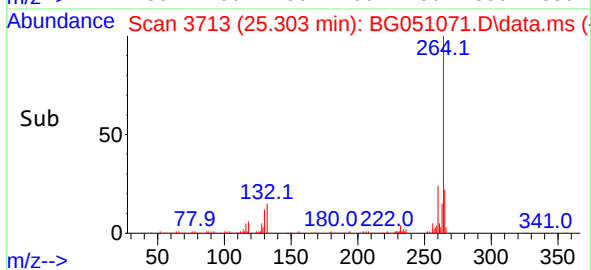
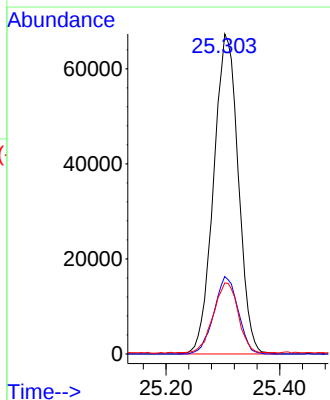
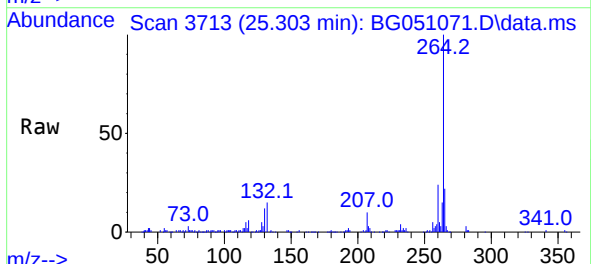
Manual Integrations
APPROVED

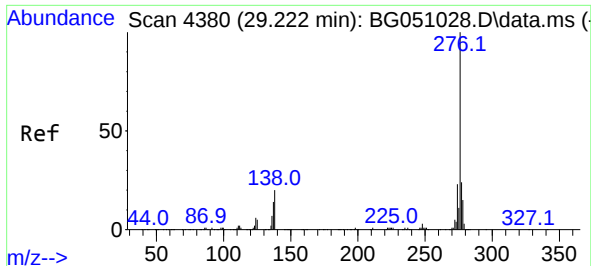
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 3713
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:264 Resp: 202672
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.2 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.762 ng
RT: 29.234 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

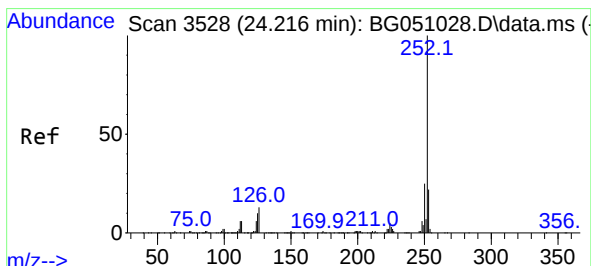
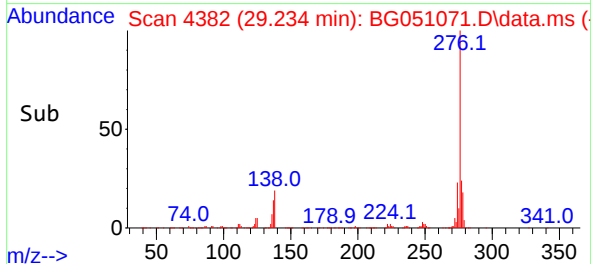
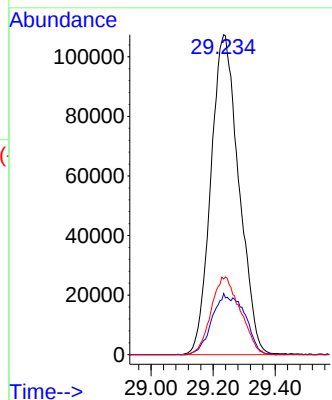
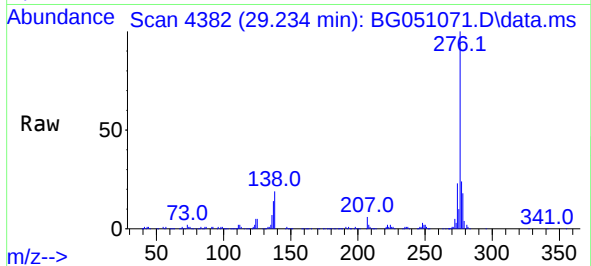
COMP-2MSD

Tgt Ion:276 Resp: 672694
Ion Ratio Lower Upper
276 100
138 12.6 5.1 7.7
277 25.4 19.8 29.6

Manual Integrations

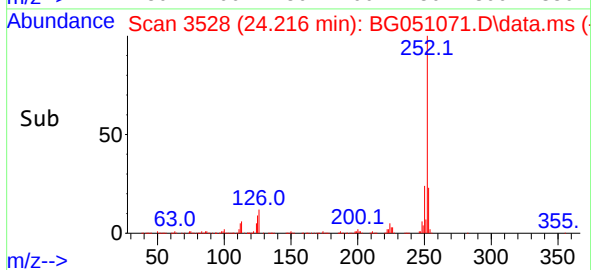
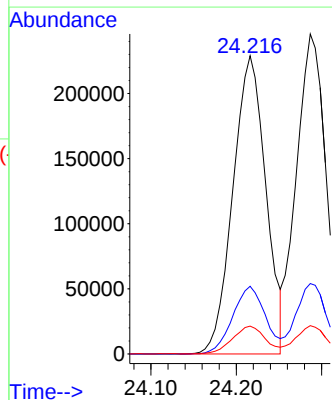
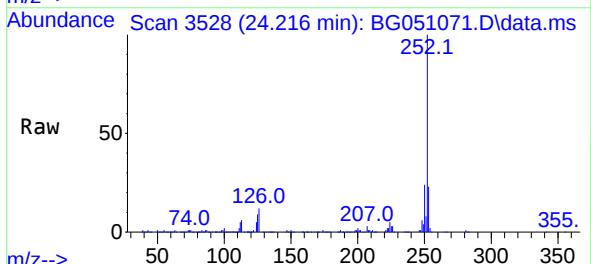
APPROVED

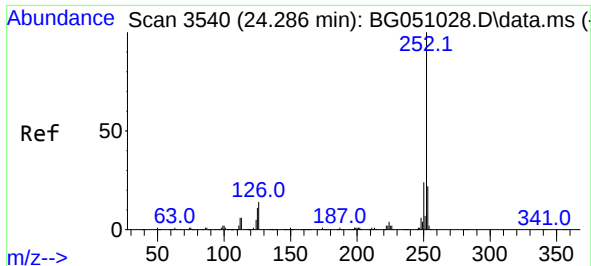
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#88
Benzo(b)fluoranthene
Concen: 48.085 ng
RT: 24.216 min Scan# 3528
Delta R.T. 0.001 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:252 Resp: 613442
Ion Ratio Lower Upper
252 100
253 22.7 16.2 24.4
125 9.3 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 46.660 ng

RT: 24.287 min Scan# 3540

Delta R.T. 0.001 min

Lab File: BG051071.D

Acq: 16 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

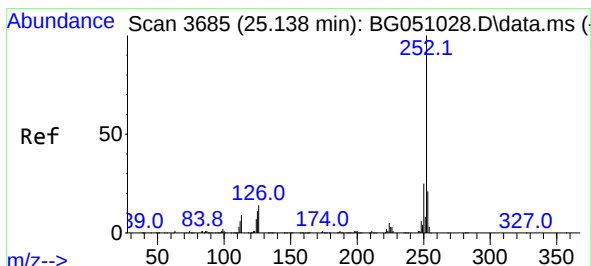
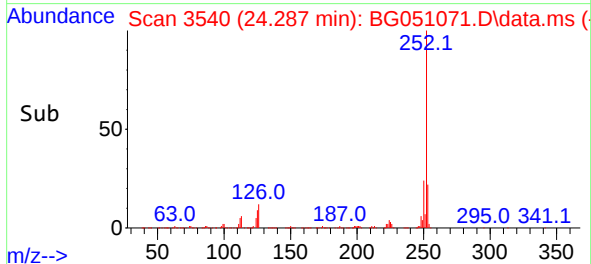
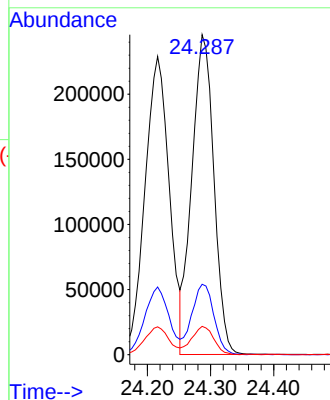
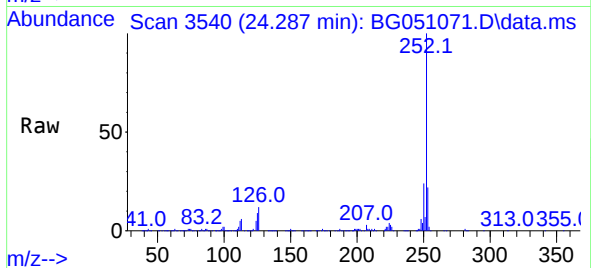
Tgt Ion:252 Resp: 59369

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.9	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#90

Benzo(a)pyrene

Concen: 54.615 ng

RT: 25.145 min Scan# 3686

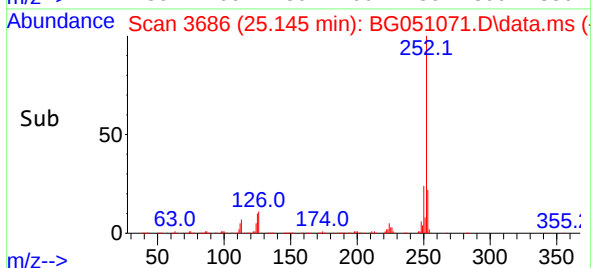
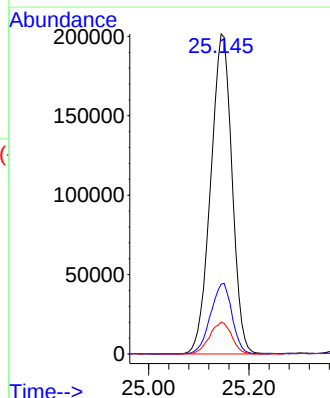
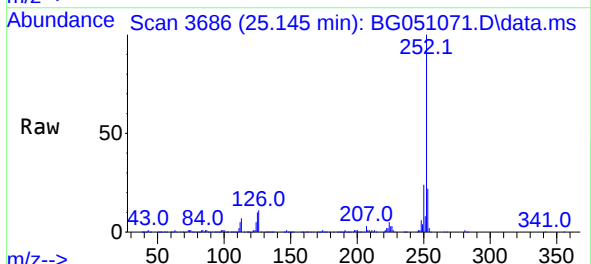
Delta R.T. 0.006 min

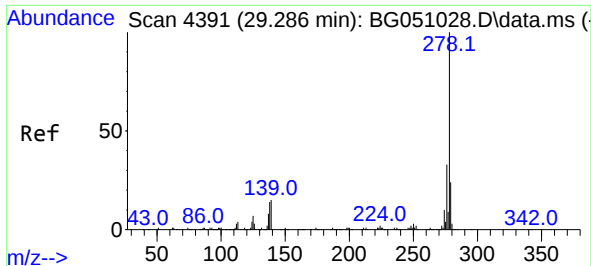
Lab File: BG051071.D

Acq: 16 Nov 2021 17:54

Tgt Ion:252 Resp: 594829

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	10.0	3.5	5.3





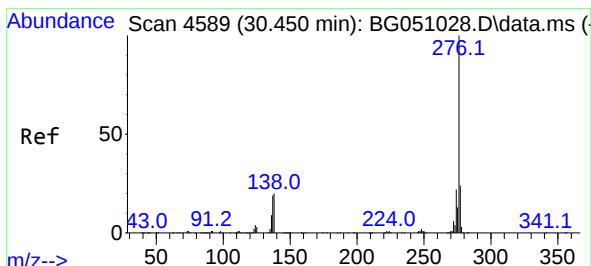
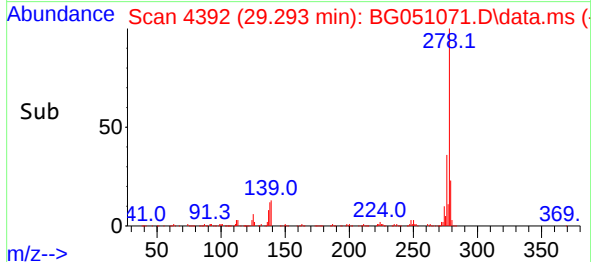
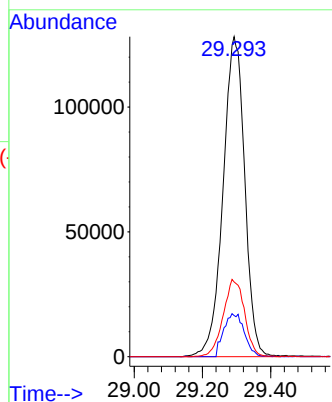
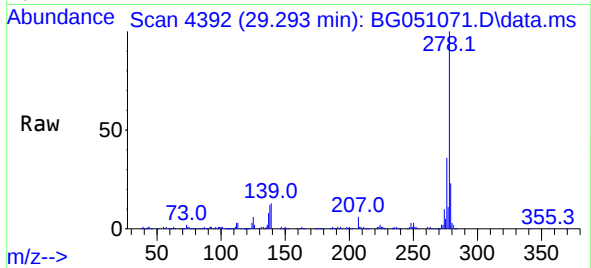
#91
Dibenzo(a,h)anthracene
Concen: 47.733 ng
RT: 29.293 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Instrument :
BNA_G
ClientSampleId :
COMP-2MSD

Tgt Ion:278 Resp: 56535
Ion Ratio Lower Upper
278 100
139 12.8 4.6 6.8
279 23.4 17.9 26.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#92
Benzo(g,h,i)perylene
Concen: 48.185 ng
RT: 30.462 min Scan# 4591
Delta R.T. 0.012 min
Lab File: BG051071.D
Acq: 16 Nov 2021 17:54

Tgt Ion:276 Resp: 561633
Ion Ratio Lower Upper
276 100
277 24.8 18.4 27.6
138 18.7 7.0 10.6#

