

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052332.D
 Acq On : 9 Feb 2022 13:15
 Operator : CG/JU
 Sample : N1421-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 09 14:35:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	26980	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	111949	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	81837	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	202566	20.000	ng	0.00
76) Chrysene-d12	21.947	240	182257	20.000	ng	0.00
86) Perylene-d12	25.419	264	193067	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	196162	126.717	ng	0.00
7) Phenol-d6	7.379	99	283204	118.569	ng	0.00
23) Nitrobenzene-d5	9.399	82	193000	74.927	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	146042	124.215	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	422630	71.760	ng	0.00
79) Terphenyl-d14	20.214	244	769760	74.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	23926	33.566	ng	96
3) Pyridine	3.995	79	65843	31.849	ng	96
4) n-Nitrosodimethylamine	3.901	42	46475	43.537	ng	# 88
6) Aniline	7.537	93	125069	45.070	ng	98
8) 2-Chlorophenol	7.790	128	88902	52.205	ng	92
9) Benzaldehyde	7.349	77	63222	50.576	ng	93
10) Phenol	7.402	94	126752	53.410	ng	97
11) bis(2-Chloroethyl)ether	7.625	93	80907	44.601	ng	95
12) 1,3-Dichlorobenzene	8.119	146	91423	47.118	ng	95
13) 1,4-Dichlorobenzene	8.266	146	92869	46.951	ng	99
14) 1,2-Dichlorobenzene	8.589	146	89105	45.677	ng	95
15) Benzyl Alcohol	8.460	79	97755	49.313	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.747	45	112503	42.949	ng	98
17) 2-Methylphenol	8.671	107	79728	50.911	ng	97
18) Hexachloroethane	9.329	117	32952	47.911	ng	98
19) n-Nitroso-di-n-propyla...	9.035	70	78956	43.848	ng	93
20) 3+4-Methylphenols	9.000	107	111554	49.791	ng	94
22) Acetophenone	9.053	105	133939	45.269	ng	96
24) Nitrobenzene	9.446	77	112054	45.860	ng	93
25) Isophorone	9.969	82	210671	48.068	ng	98
26) 2-Nitrophenol	10.163	139	51363	49.595	ng	93
27) 2,4-Dimethylphenol	10.222	122	88470	57.697	ng	96
28) bis(2-Chloroethoxy)met...	10.445	93	112948	45.410	ng	100
29) 2,4-Dichlorophenol	10.709	162	95414	51.914	ng	98
30) 1,2,4-Trichlorobenzene	10.927	180	100153	46.666	ng	97
31) Naphthalene	11.121	128	273366	46.579	ng	97
32) Benzoic acid	10.369	122	60353	59.271	ng	98
33) 4-Chloroaniline	11.220	127	86301	35.221	ng	97
34) Hexachlorobutadiene	11.403	225	62512	43.129	ng	93
35) Caprolactam	11.990	113	35349m	52.776	ng	
36) 4-Chloro-3-methylphenol	12.337	107	109442	52.341	ng	97
37) 2-Methylnaphthalene	12.713	142	204052	46.811	ng	98
38) 1-Methylnaphthalene	12.930	142	193355	45.776	ng	98
40) 1,2,4,5-Tetrachloroben...	13.083	216	122850	45.640	ng	99
41) Hexachlorocyclopentadiene	13.059	237	148785	112.468	ng	95
43) 2,4,6-Trichlorophenol	13.312	196	88813	50.449	ng	98

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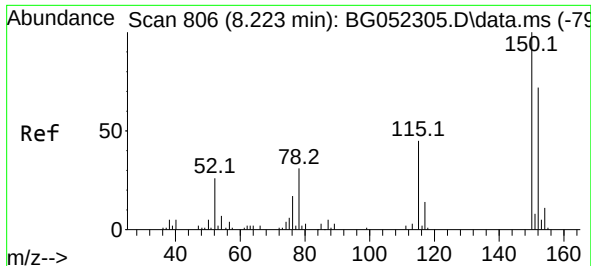
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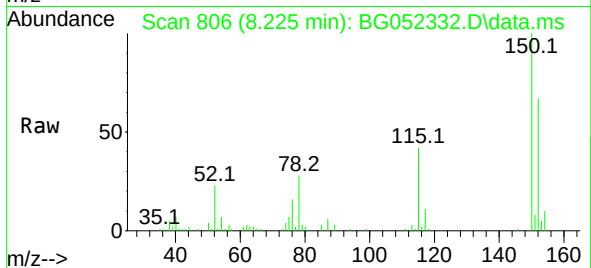
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	96511	50.588	ng	95
46) 1,1'-Biphenyl	13.705	154	284435	47.398	ng	99
47) 2-Chloronaphthalene	13.758	162	212027	45.860	ng	98
48) 2-Nitroaniline	13.952	65	84735	51.479	ng	98
49) Acenaphthylene	14.598	152	370707	49.256	ng	99
50) Dimethylphthalate	14.316	163	300172	47.881	ng	99
51) 2,6-Dinitrotoluene	14.440	165	68056	50.306	ng	92
52) Acenaphthene	14.939	154	269133m	54.603	ng	
53) 3-Nitroaniline	14.769	138	53491	38.040	ng	# 95
54) 2,4-Dinitrophenol	14.980	184	93602	109.782	ng	98
55) Dibenzofuran	15.274	168	349006	45.025	ng	98
56) 4-Nitrophenol	15.086	139	120199	113.823	ng	91
57) 2,4-Dinitrotoluene	15.227	165	101698	52.817	ng	# 87
58) Fluorene	15.920	166	293235	47.388	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.497	232	92042	50.503	ng	98
60) Diethylphthalate	15.673	149	310647	49.052	ng	98
61) 4-Chlorophenyl-phenyle...	15.902	204	161610	45.849	ng	98
62) 4-Nitroaniline	15.938	138	72706	49.114	ng	90
63) Azobenzene	16.196	77	299335	46.171	ng	95
65) 4,6-Dinitro-2-methylph...	15.996	198	62076	50.942	ng	90
66) n-Nitrosodiphenylamine	16.120	169	270536	48.473	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	111893	45.422	ng	96
68) Hexachlorobenzene	16.936	284	122349	45.792	ng	# 90
69) Atrazine	17.060	200	116224	51.508	ng	93
70) Pentachlorophenol	17.277	266	150081	114.818	ng	98
71) Phenanthrene	17.671	178	485546	46.497	ng	97
72) Anthracene	17.759	178	492344	48.114	ng	100
73) Carbazole	18.023	167	467787	46.871	ng	98
74) Di-n-butylphthalate	18.564	149	526255	48.396	ng	98
75) Fluoranthene	19.668	202	608570	45.769	ng	98
77) Benzidine	19.838	184	312215	80.170	ng	100
78) Pyrene	20.032	202	605693	49.665	ng	99
80) Butylbenzylphthalate	20.901	149	220393	52.026	ng	93
81) Benzo(a)anthracene	21.924	228	578500	47.966	ng	100
82) 3,3'-Dichlorobenzidine	21.824	252	164822	39.146	ng	99
83) Chrysene	21.994	228	543363	47.543	ng	100
84) Bis(2-ethylhexyl)phtha...	21.800	149	304653	51.864	ng	99
85) Di-n-octyl phthalate	23.093	149	510551	51.841	ng	98
87) Indeno(1,2,3-cd)pyrene	29.431	276	644471	45.616	ng	99
88) Benzo(b)fluoranthene	24.309	252	594799	49.439	ng	100
89) Benzo(k)fluoranthene	24.379	252	570276	47.983	ng	98
90) Benzo(a)pyrene	25.260	252	566391	55.730	ng	100
91) Dibenzo(a,h)anthracene	29.502	278	561689	48.127	ng	95
92) Benzo(g,h,i)perylene	30.700	276	548850	47.918	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

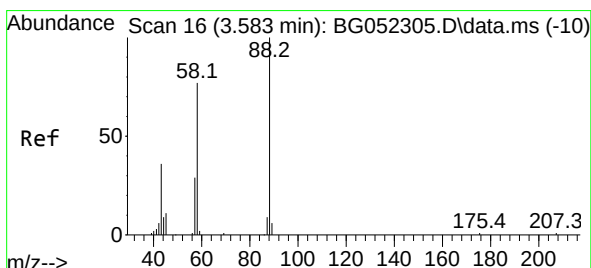
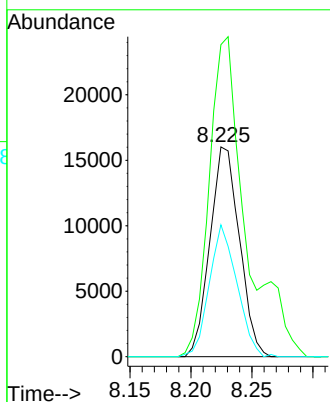
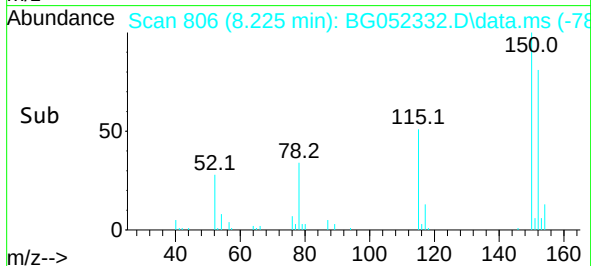
Instrument :
BNA_G
ClientSampleId :
SB-5MS



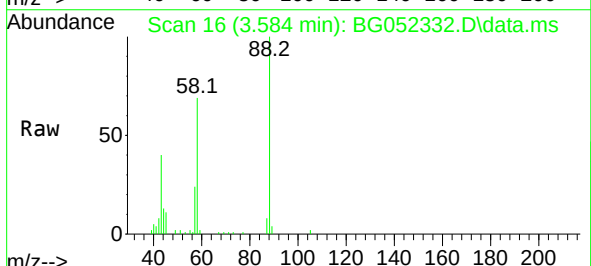
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Ion Ratio Lower Upper
152 100
150 148.7 117.8 176.8
115 62.9 50.2 75.2

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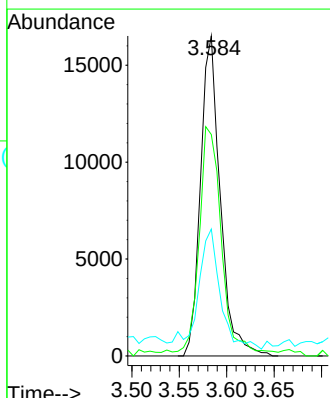
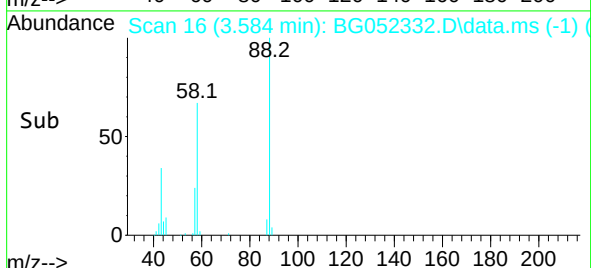
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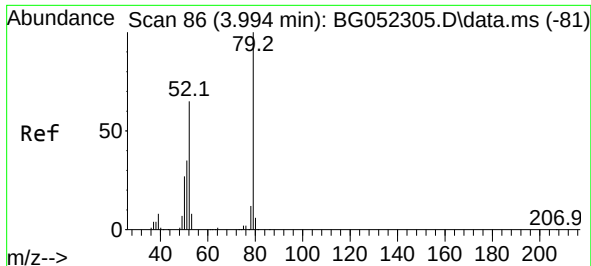


#2
1,4-Dioxane
Concen: 33.566 ng
RT: 3.584 min Scan# 16
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



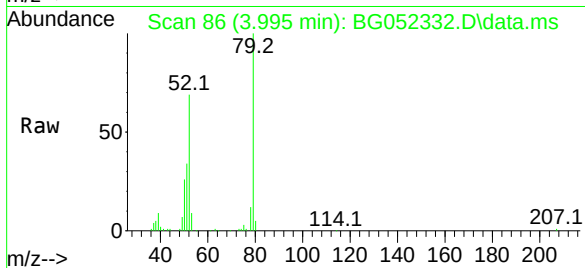
Tgt Ion: 88 Resp: 23926
Ion Ratio Lower Upper
88 100
58 78.9 65.8 98.8
43 41.9 31.6 47.4





#3
Pyridine
Concen: 31.849 ng
RT: 3.995 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

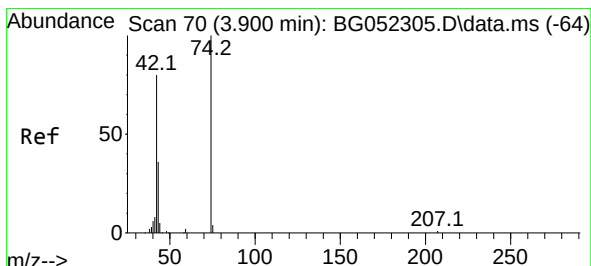
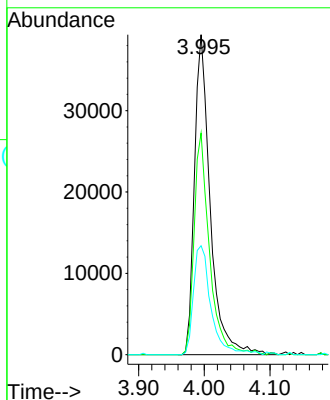
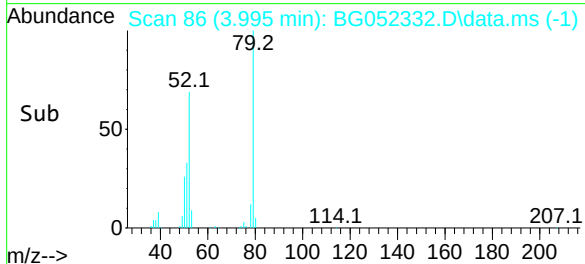
Instrument :
BNA_G
ClientSampleId :
SB-5MS



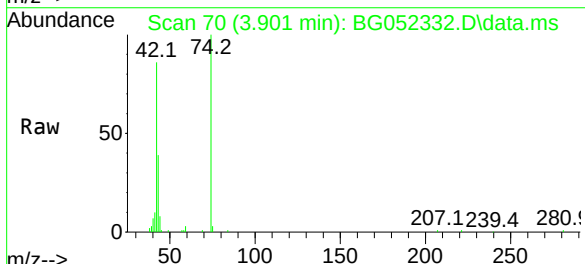
Tgt Ion: 79 Resp: 6584
Ion Ratio Lower Upper
79 100
52 69.2 55.0 82.6
51 34.0 32.5 48.7

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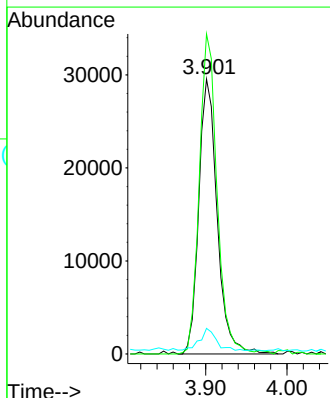
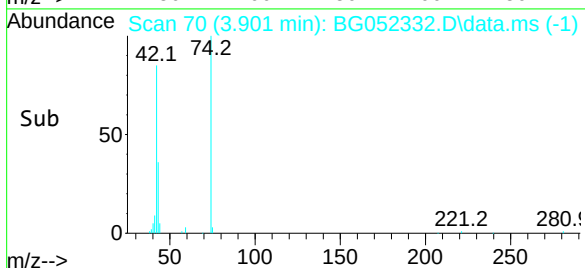
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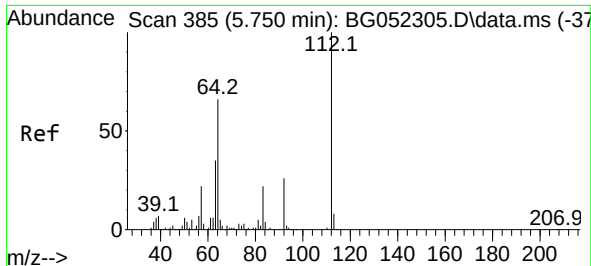


#4
n-Nitrosodimethylamine
Concen: 43.537 ng
RT: 3.901 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



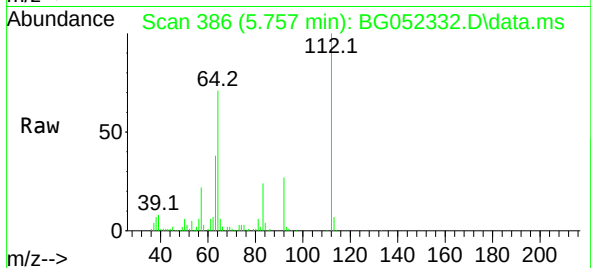
Tgt Ion: 42 Resp: 46475
Ion Ratio Lower Upper
42 100
74 116.4 83.0 124.4
44 9.3 5.0 7.6





#5
2-Fluorophenol
Concen: 126.717 ng
RT: 5.757 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

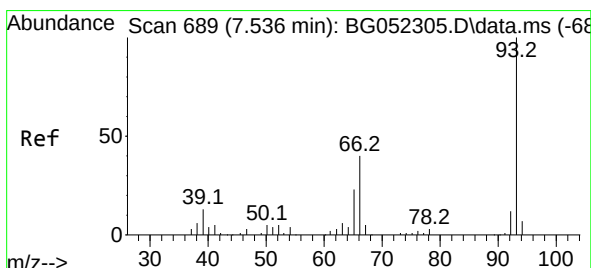
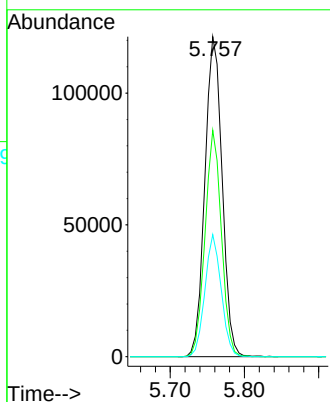
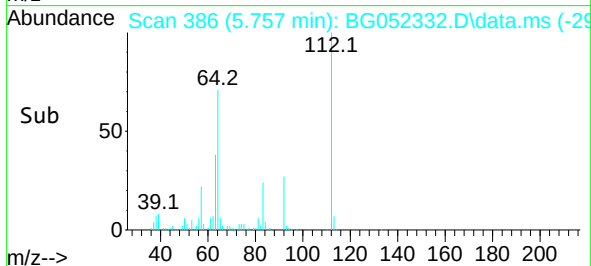
Instrument :
BNA_G
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Tgt Ion: 112 Resp: 196162
Ion Ratio Lower Upper
112 100
64 70.8 60.4 90.6
63 38.1 33.3 49.9

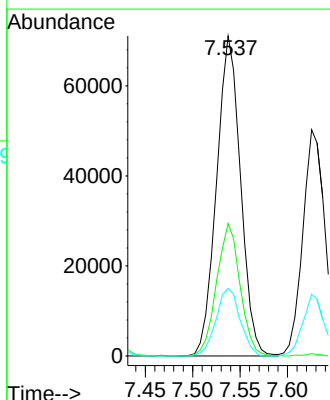
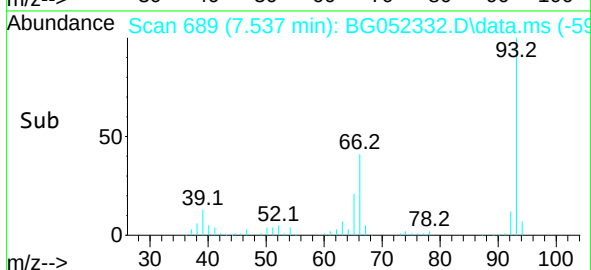
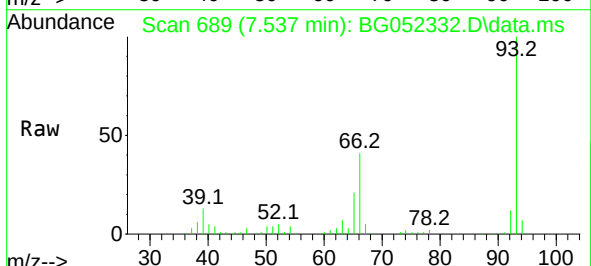
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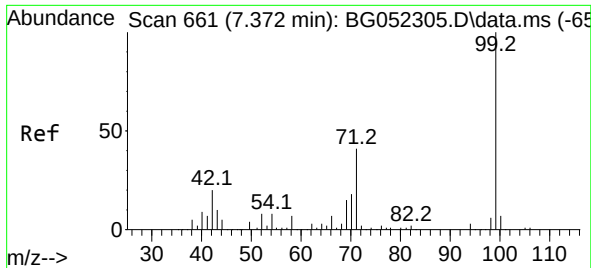
Reviewed By :Christian Giraldo 02/10/2022
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#6
Aniline
Concen: 45.070 ng
RT: 7.537 min Scan# 689
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

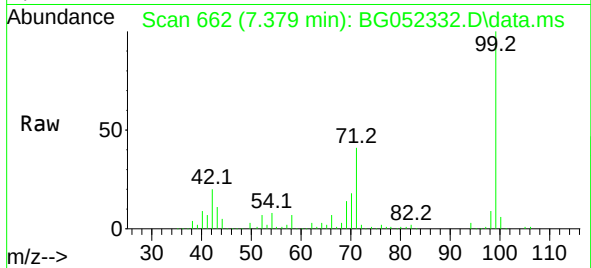
Tgt Ion: 93 Resp: 125069
Ion Ratio Lower Upper
93 100
66 41.4 34.3 51.5
65 21.1 17.6 26.4





#7
Phenol-d6
Concen: 118.569 ng
RT: 7.379 min Scan# 661
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

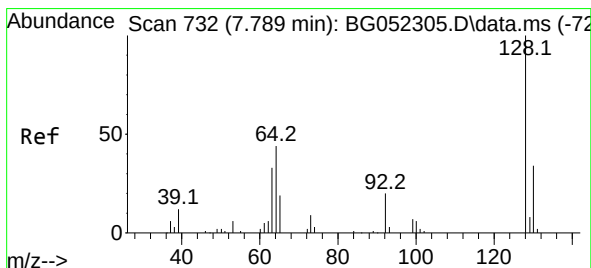
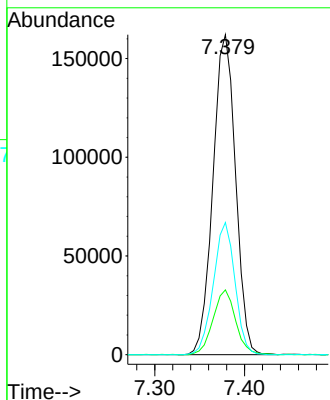
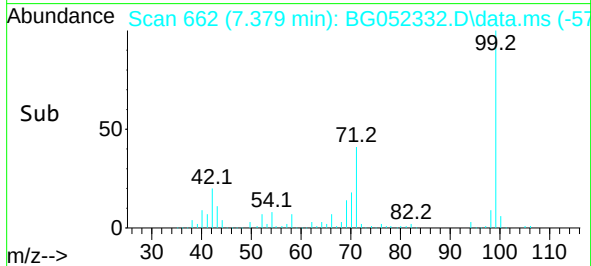
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 283204
Ion Ratio Lower Upper
99 100
42 20.3 19.1 28.7
71 41.3 33.4 50.2

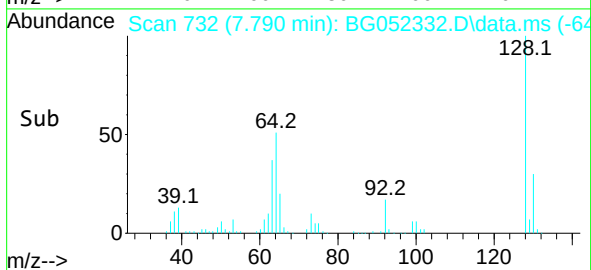
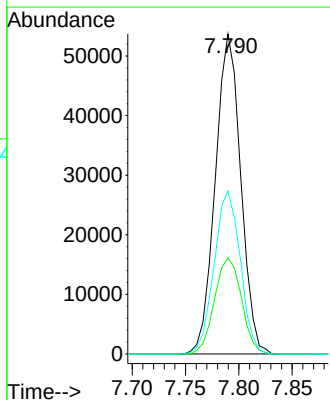
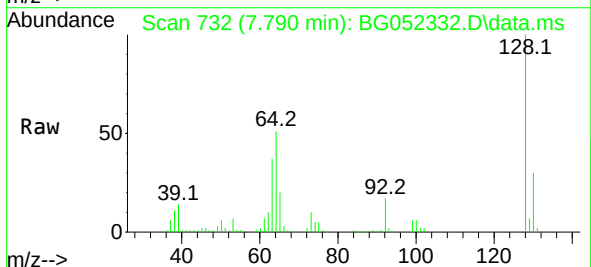
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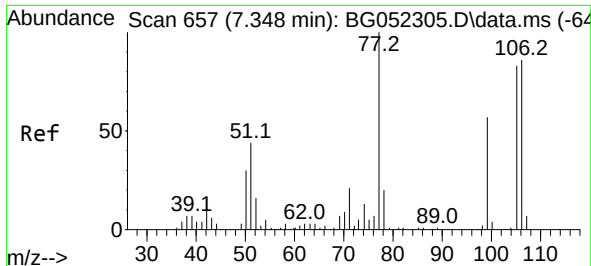
Reviewed By :Christian Giraldo 02/10/2022
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#8
2-Chlorophenol
Concen: 52.205 ng
RT: 7.790 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:128 Resp: 88902
Ion Ratio Lower Upper
128 100
130 30.1 13.6 53.6
64 50.9 37.8 77.8





#9
Benzaldehyde
Concen: 50.576 ng
RT: 7.349 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

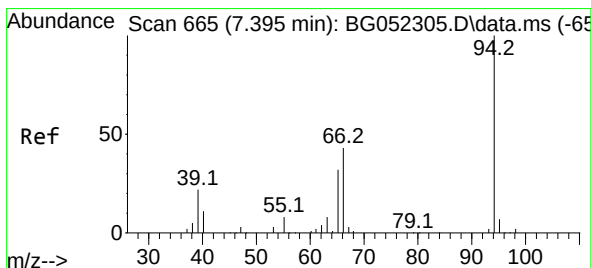
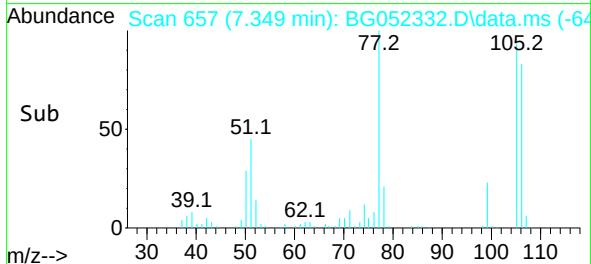
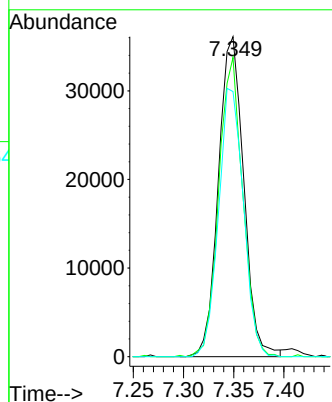
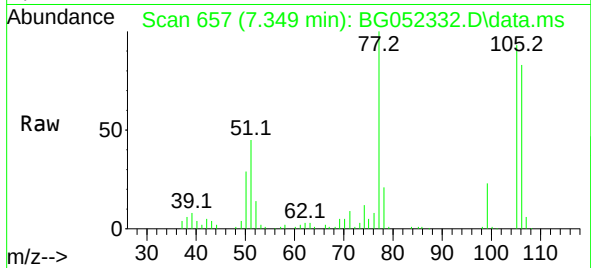
ClientSampleId :

SB-5MS

Tgt Ion: 77 Resp: 6322
Ion Ratio Lower Upper
77 100
105 93.5 66.1 106.1
106 82.9 58.1 98.1

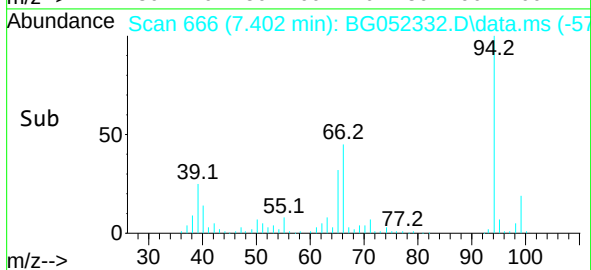
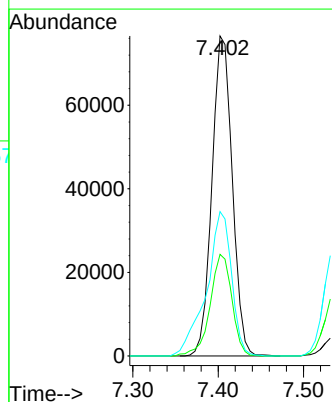
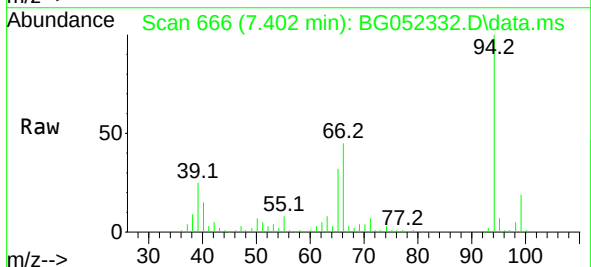
Manual Integrations
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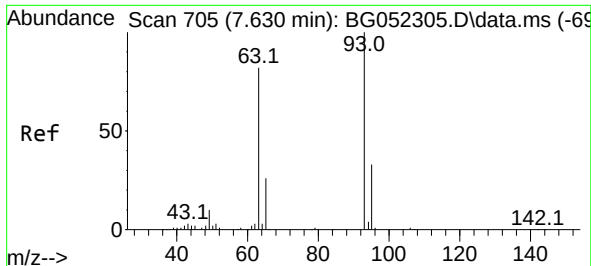
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#10
Phenol
Concen: 53.410 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion: 94 Resp: 126752
Ion Ratio Lower Upper
94 100
65 31.8 14.1 54.1
66 45.1 26.6 66.6





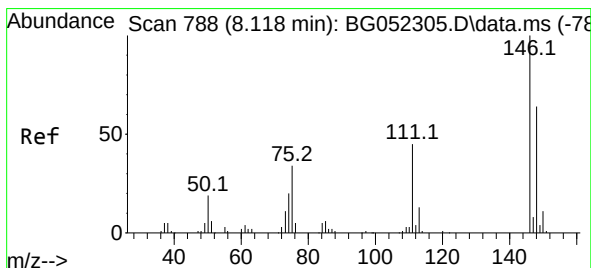
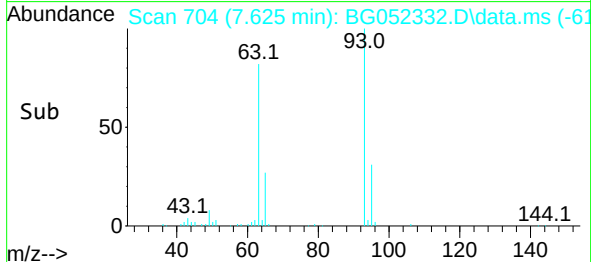
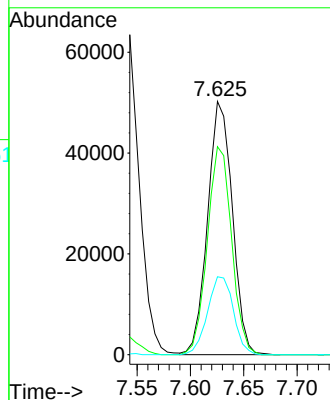
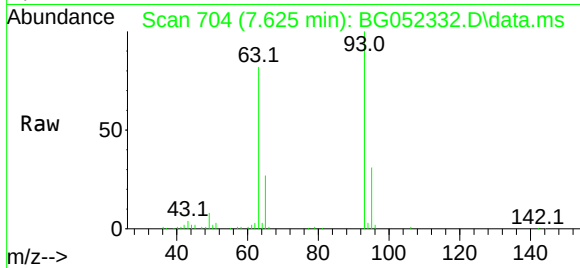
#11
bis(2-Chloroethyl)ether
Concen: 44.601 ng
RT: 7.625 min Scan# 705
Delta R.T. -0.005 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Tgt Ion: 93 Resp: 8090
Ion Ratio Lower Upper
93 100
63 82.1 67.1 107.1
95 30.7 13.0 53.0

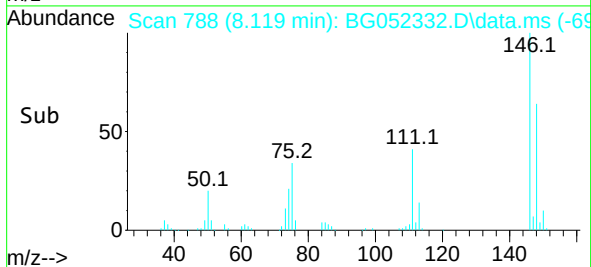
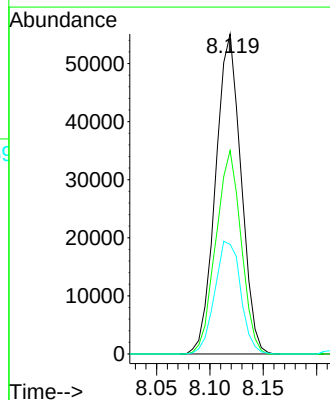
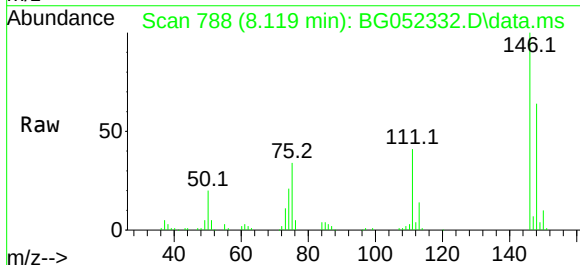
Manual Integrations
APPROVED

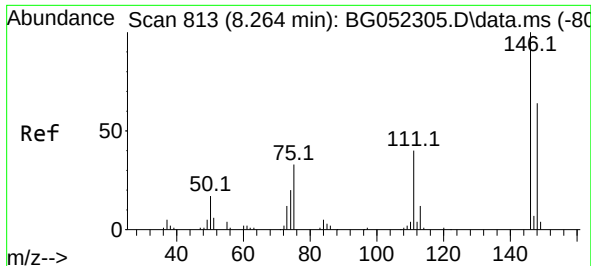
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#12
1,3-Dichlorobenzene
Concen: 47.118 ng
RT: 8.119 min Scan# 788
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:146 Resp: 91423
Ion Ratio Lower Upper
146 100
148 63.6 49.1 73.7
75 34.2 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 46.951 ng

RT: 8.266 min Scan# 813

Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

SB-5MS

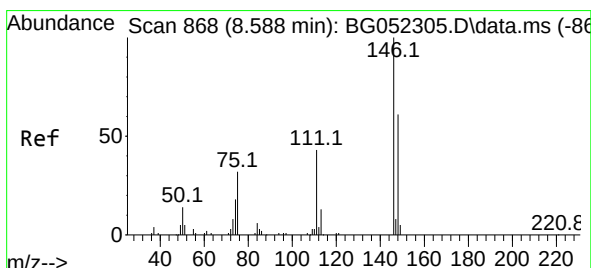
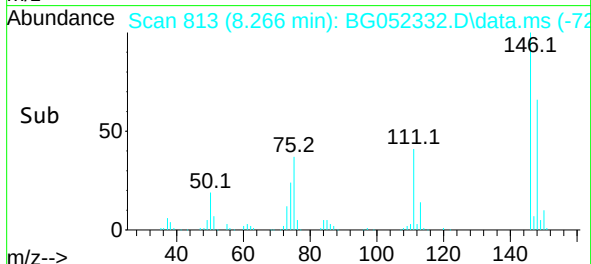
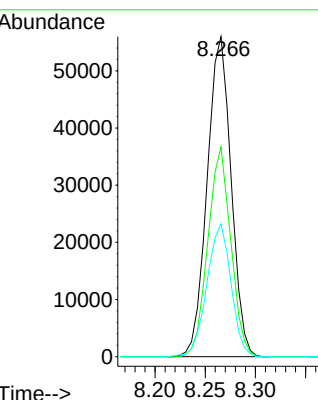
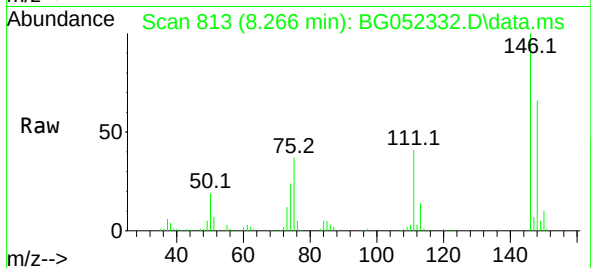
Tgt Ion:146 Resp: 92869
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 78.8
 111 41.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#14

1,2-Dichlorobenzene

Concen: 45.677 ng

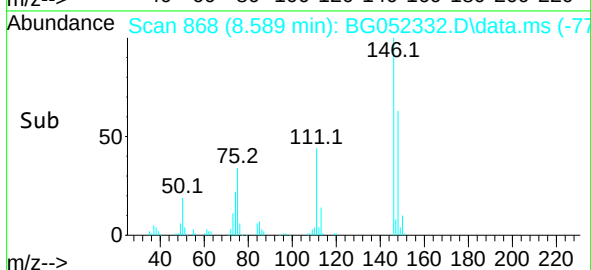
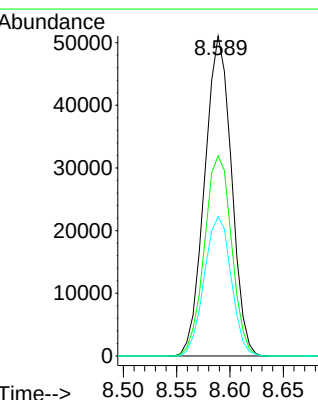
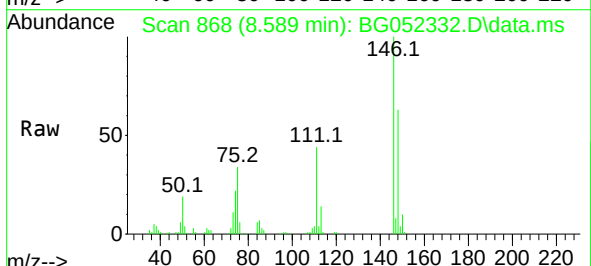
RT: 8.589 min Scan# 868

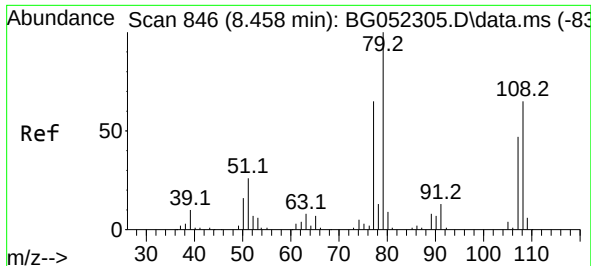
Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

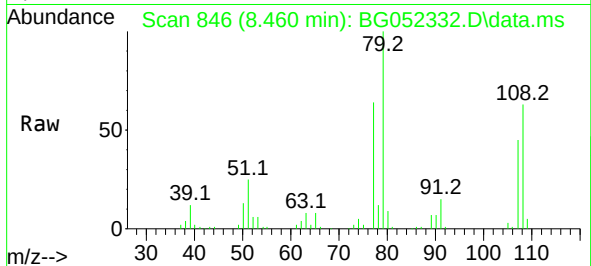
Tgt Ion:146 Resp: 89105
 Ion Ratio Lower Upper
 146 100
 148 62.5 46.5 69.7
 111 43.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 49.313 ng
RT: 8.460 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

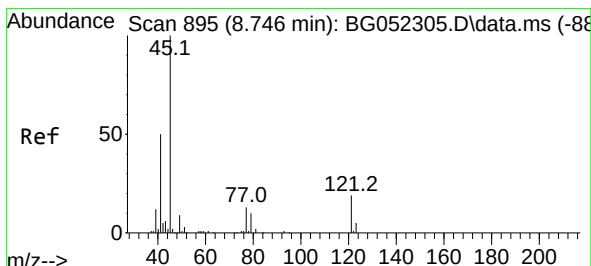
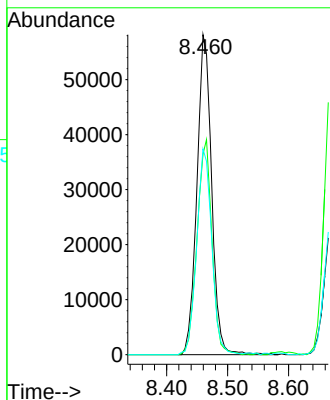
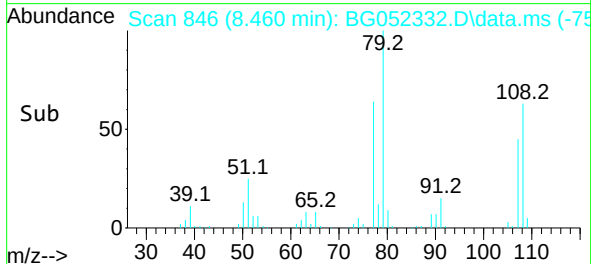
Instrument :
BNA_G
ClientSampleId :
SB-5MS



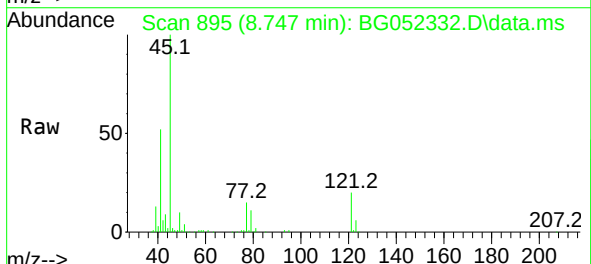
Tgt Ion: 79 Resp: 9775
Ion Ratio Lower Upper
79 100
108 62.7 53.8 80.6
77 64.3 54.4 81.6

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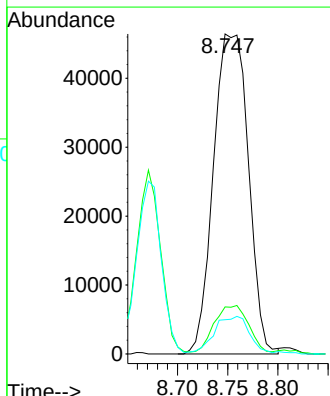
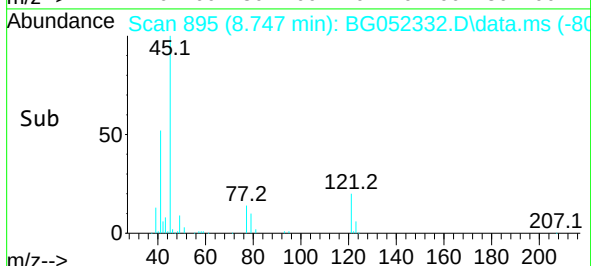
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

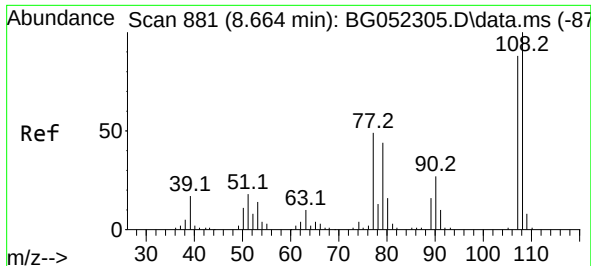


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.949 ng
RT: 8.747 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion: 45 Resp: 112503
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 10.7 0.0 31.1





#17

2-Methylphenol

Concen: 50.911 ng

RT: 8.671 min Scan# 881

Delta R.T. 0.007 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

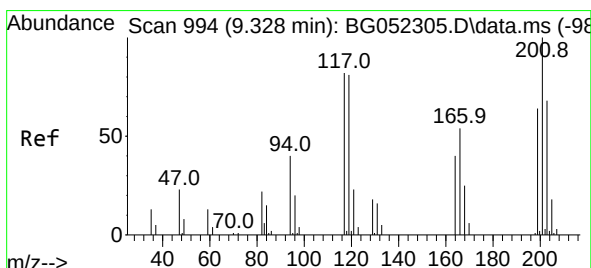
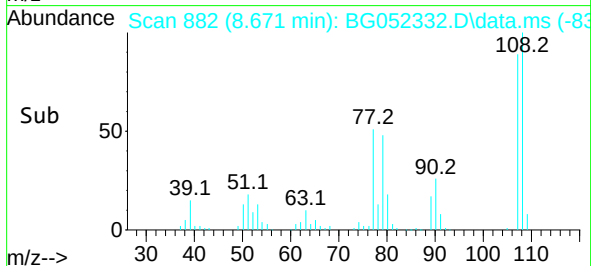
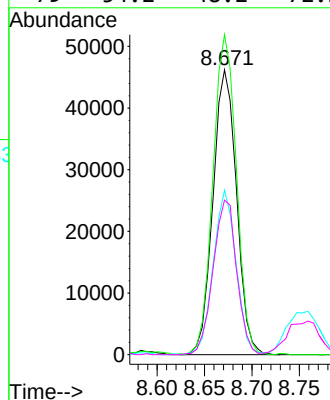
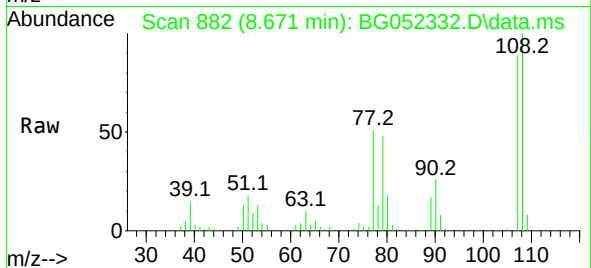
SB-5MS

Tgt Ion:	107	Resp:	79728
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	57.7	49.0	73.6
79	54.2	48.2	72.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#18

Hexachloroethane

Concen: 47.911 ng

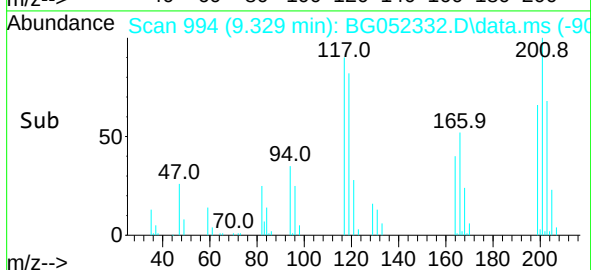
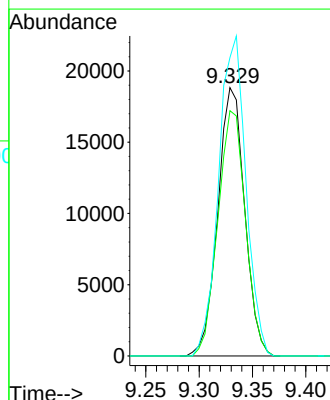
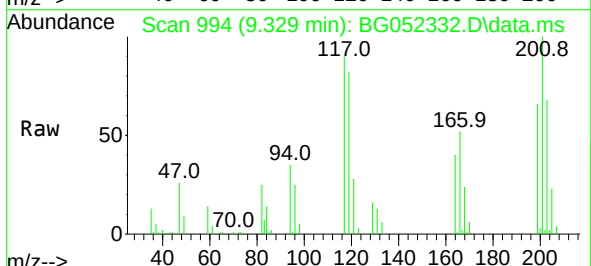
RT: 9.329 min Scan# 994

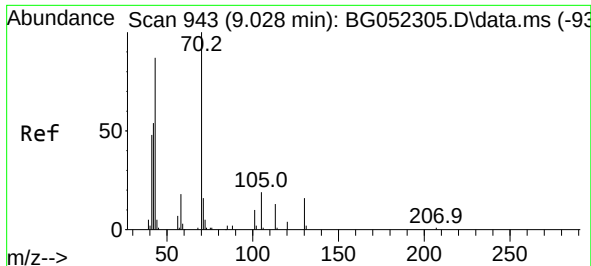
Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

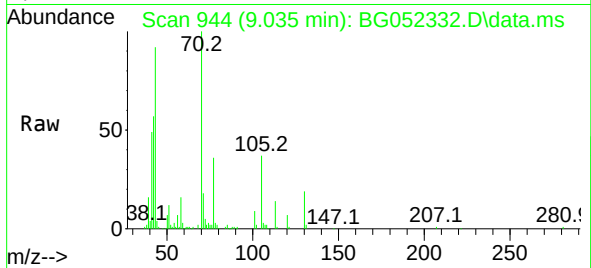
Tgt Ion:	117	Resp:	32952
Ion	Ratio	Lower	Upper
117	100		
119	91.4	73.5	110.3
201	111.2	91.0	136.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.848 ng
RT: 9.035 min Scan# 943
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

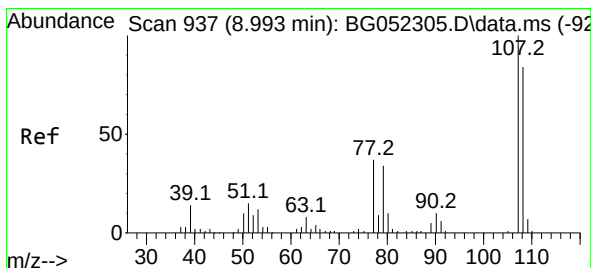
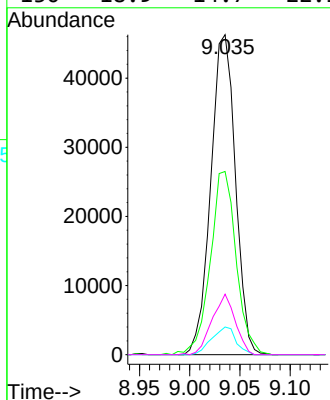
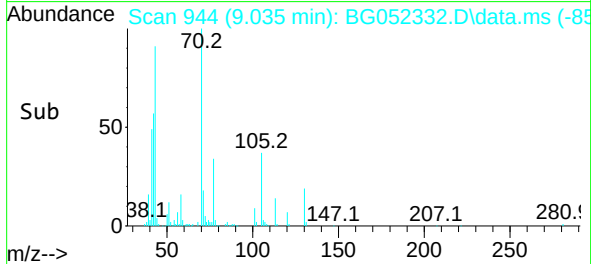
Instrument :
BNA_G
ClientSampleId :
SB-5MS



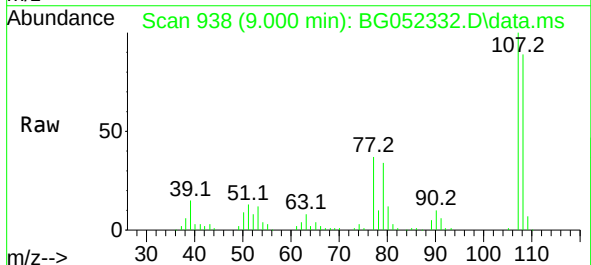
Tgt Ion: 70 Resp: 78950
Ion Ratio Lower Upper
70 100
42 57.2 51.8 77.6
101 8.6 6.6 10.0
130 18.9 14.7 22.1

Manual Integrations
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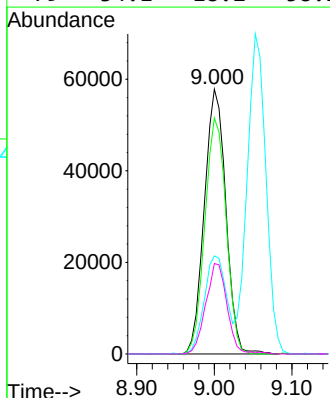
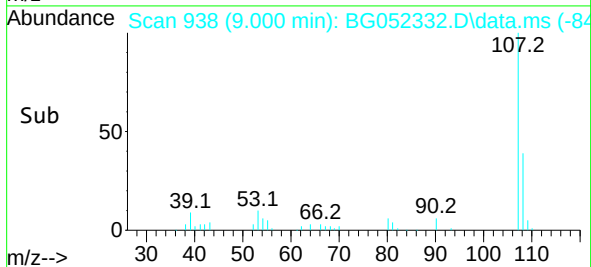
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

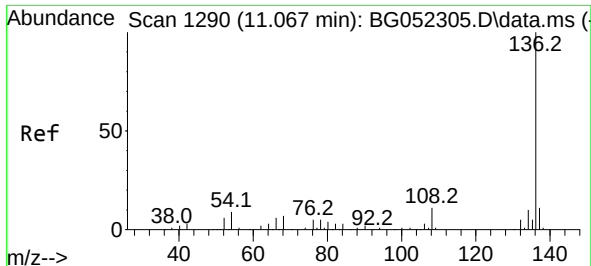


#20
3+4-Methylphenols
Concen: 49.791 ng
RT: 9.000 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion:107 Resp: 111554
Ion Ratio Lower Upper
107 100
108 89.1 71.9 111.9
77 37.1 24.6 64.6
79 34.1 18.2 58.2





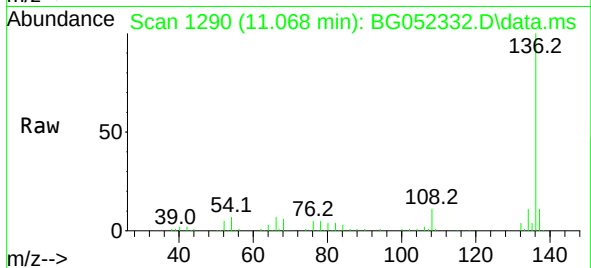
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 111949
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

SB-5MS

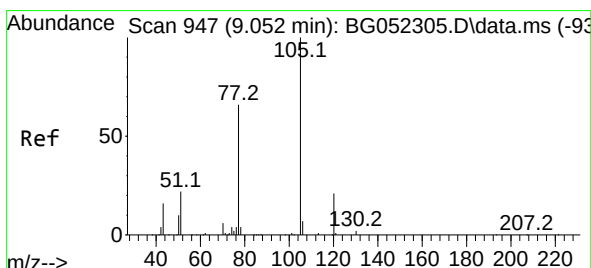
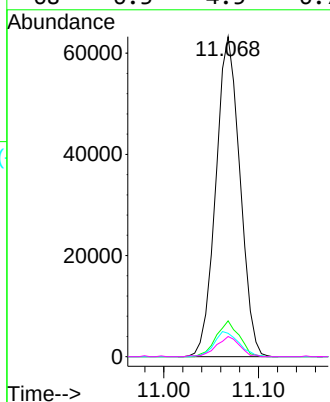
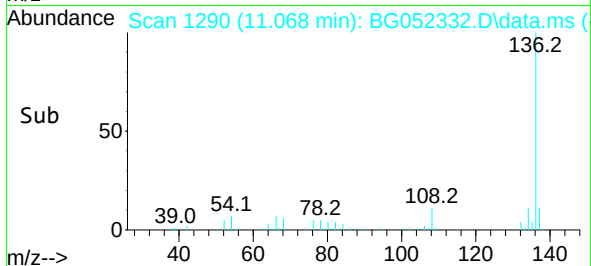


Tgt Ion:136 Resp: 111949
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 8.3 12.5
68 6.3 4.5 6.7

Manual Integrations

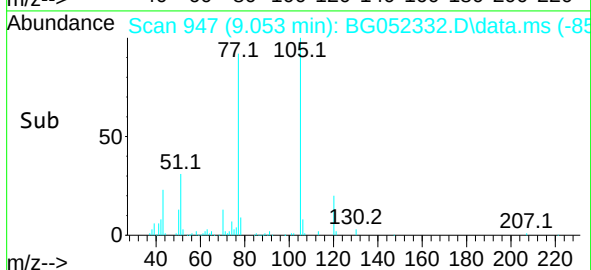
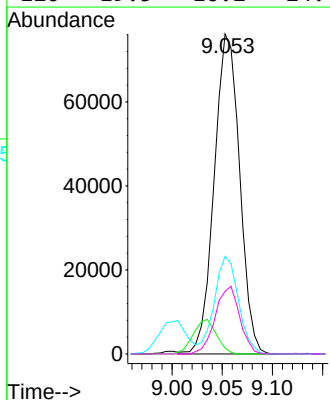
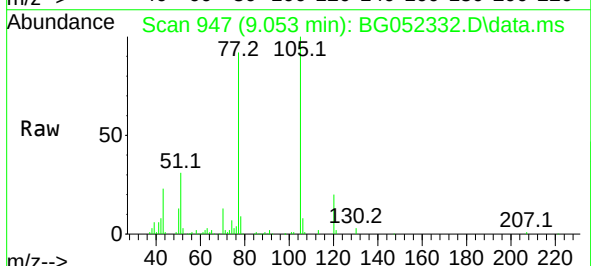
APPROVED

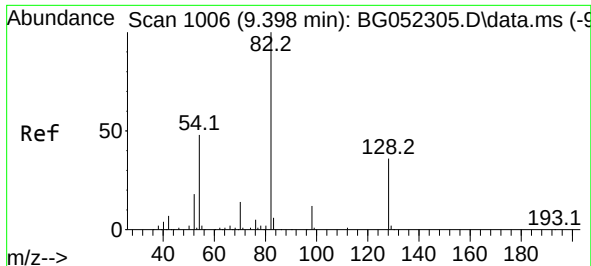
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#22
Acetophenone
Concen: 45.269 ng
RT: 9.053 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:105 Resp: 133939
Ion Ratio Lower Upper
105 100
71 1.9 1.8 2.6
51 30.5 27.0 40.4
120 19.5 16.2 24.4





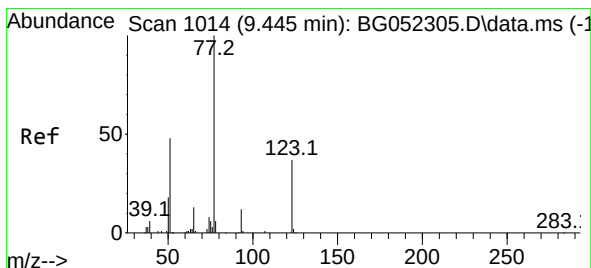
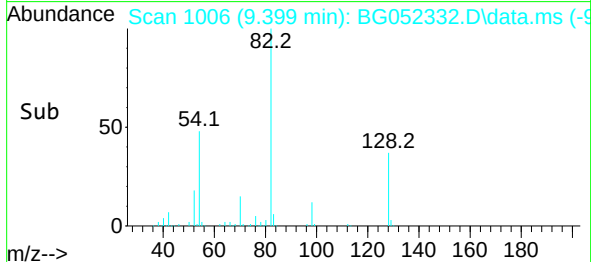
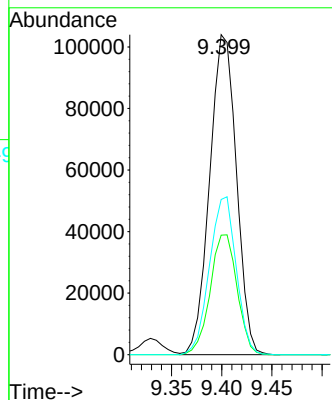
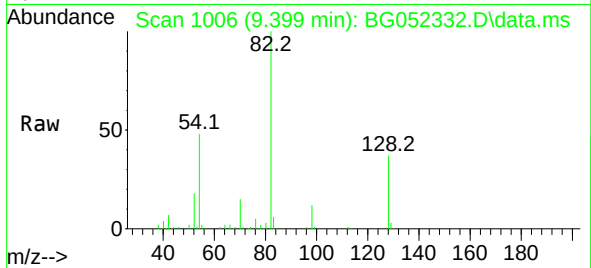
#23
Nitrobenzene-d5
Concen: 74.927 ng
RT: 9.399 min Scan# 1006
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Tgt Ion: 82 Resp: 193000
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 48.5 41.0 61.6

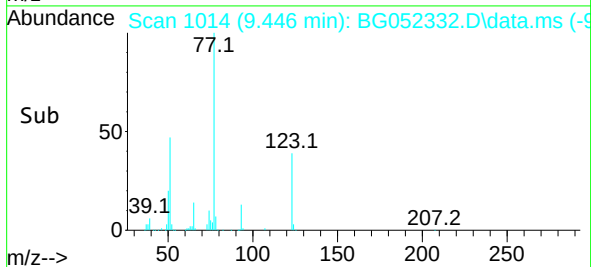
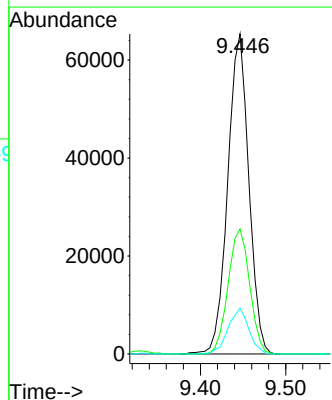
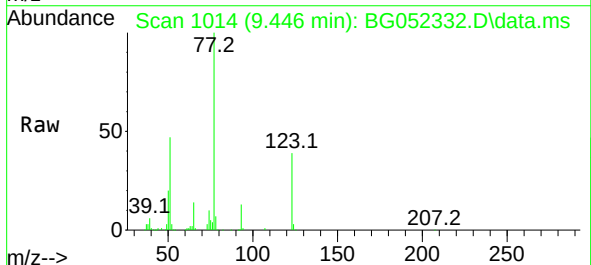
Manual Integrations
APPROVED

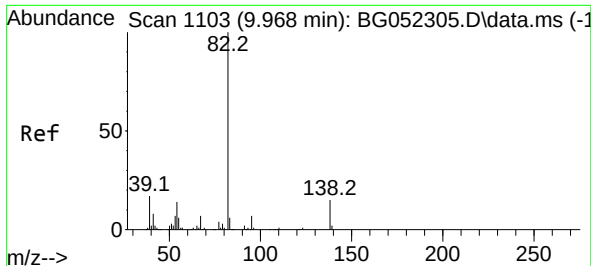
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#24
Nitrobenzene
Concen: 45.860 ng
RT: 9.446 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

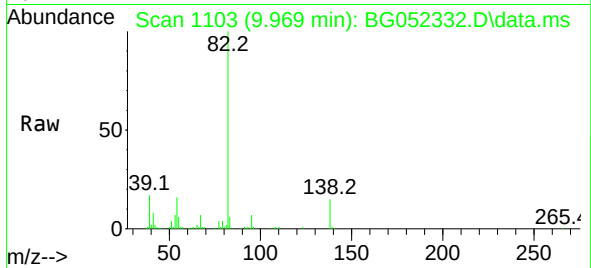
Tgt Ion: 77 Resp: 112054
Ion Ratio Lower Upper
77 100
123 39.1 27.1 40.7
65 14.3 11.2 16.8





#25
Isophorone
Concen: 48.068 ng
RT: 9.969 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

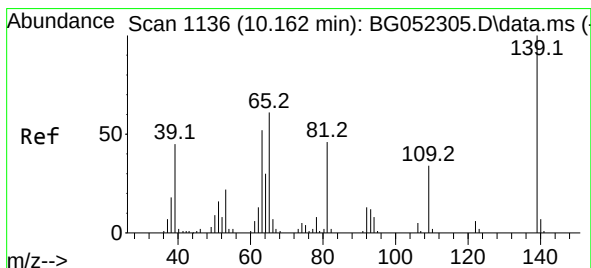
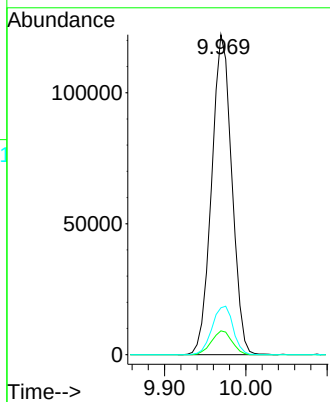
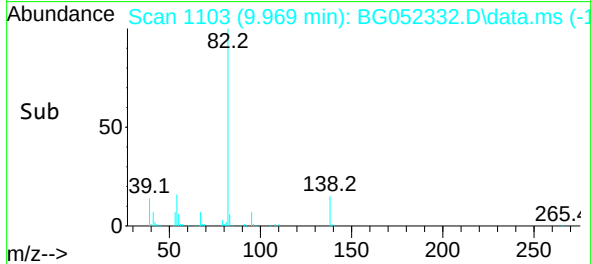
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion: 82 Resp: 21067
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 14.6 12.5 18.7

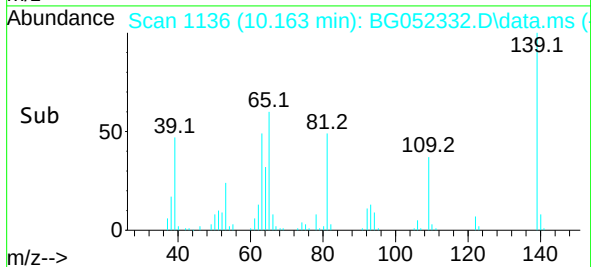
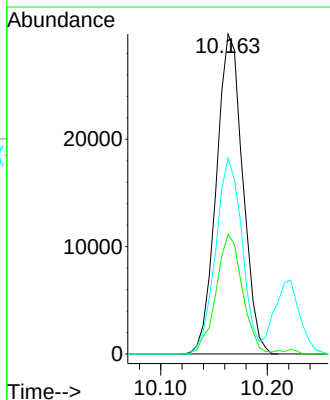
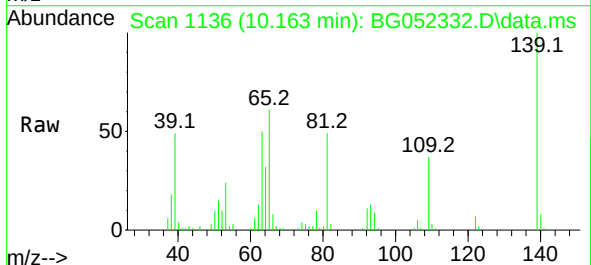
Manual Integrations
APPROVED

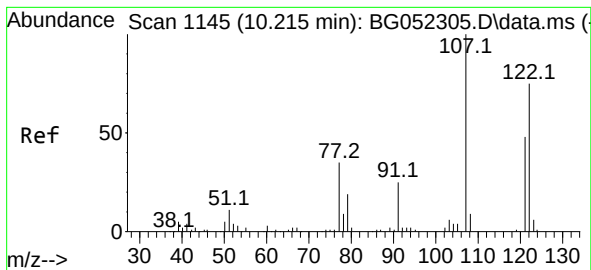
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#26
2-Nitrophenol
Concen: 49.595 ng
RT: 10.163 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

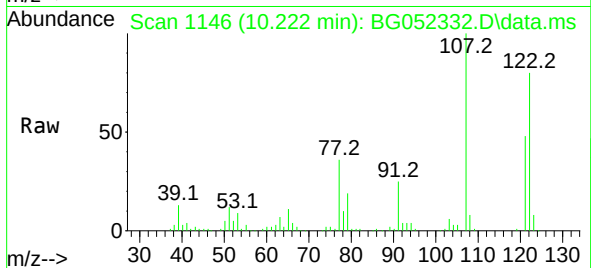
Tgt Ion:139 Resp: 51363
Ion Ratio Lower Upper
139 100
109 37.4 30.4 45.6
65 61.1 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 57.697 ng
RT: 10.222 min Scan# 1146
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

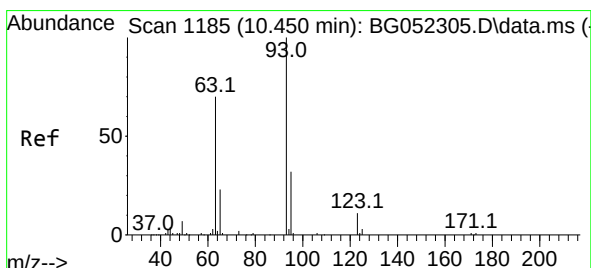
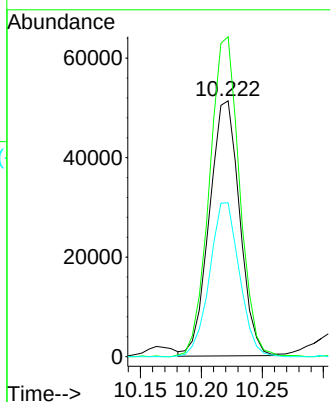
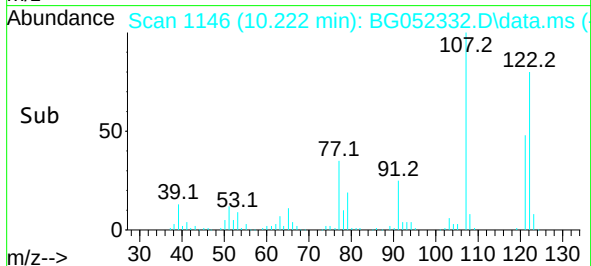
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:122 Resp: 88470
Ion Ratio Lower Upper
122 100
107 125.1 105.8 158.8
121 60.2 48.6 72.8

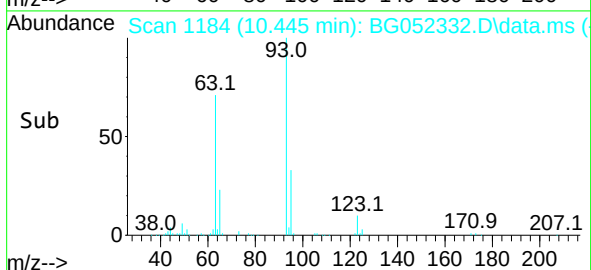
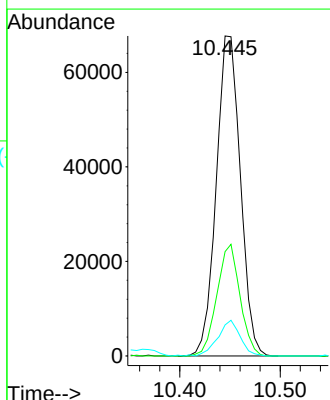
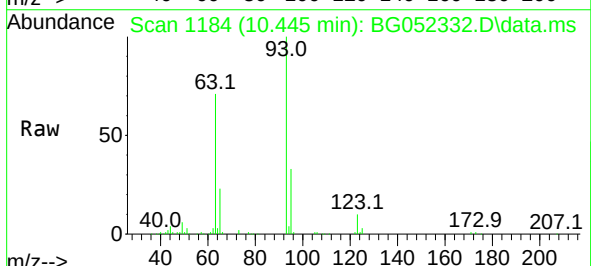
Manual Integrations
APPROVED

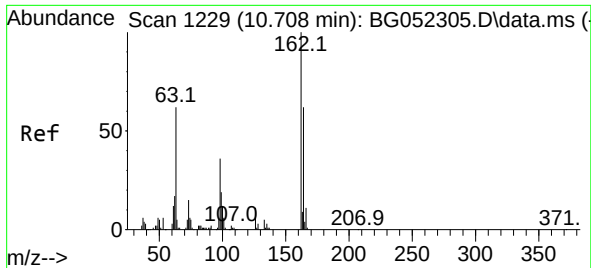
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.410 ng
RT: 10.445 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

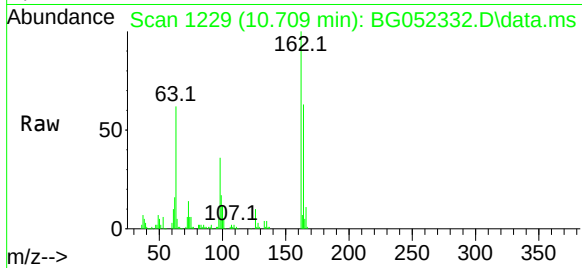
Tgt Ion: 93 Resp: 112948
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 9.7 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 51.914 ng
RT: 10.709 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

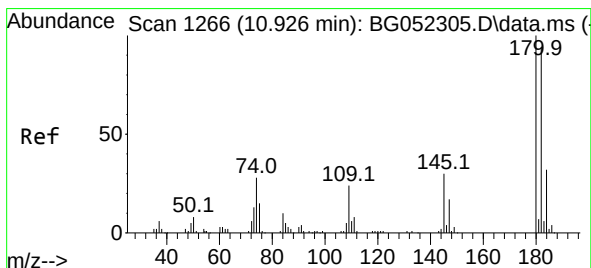
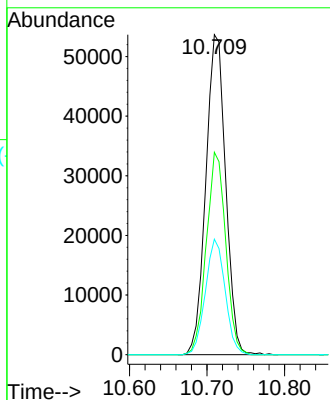
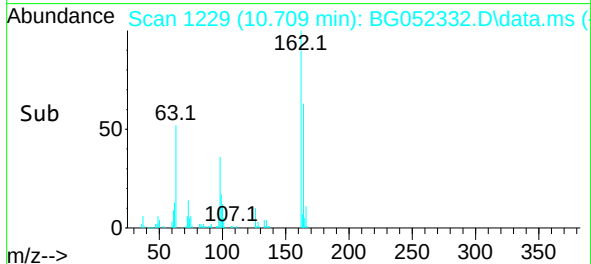
Instrument :
BNA_G
ClientSampleId :
SB-5MS



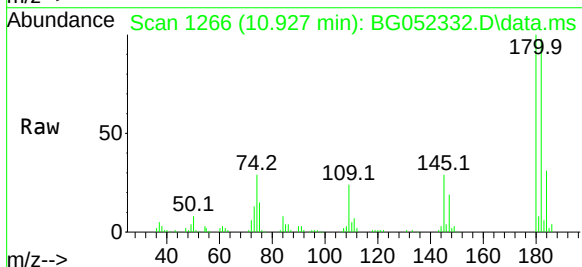
Tgt Ion:162 Resp: 95414
Ion Ratio Lower Upper
162 100
164 63.2 44.3 84.3
98 36.1 17.2 57.2

Manual Integrations
APPROVED

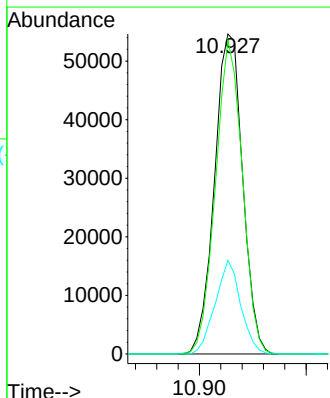
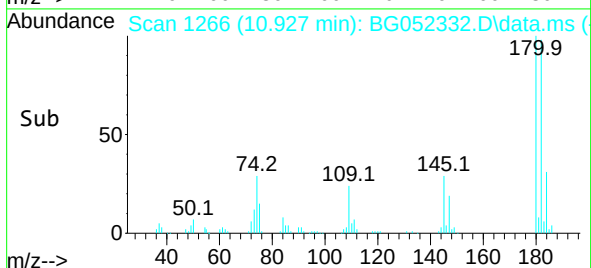
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

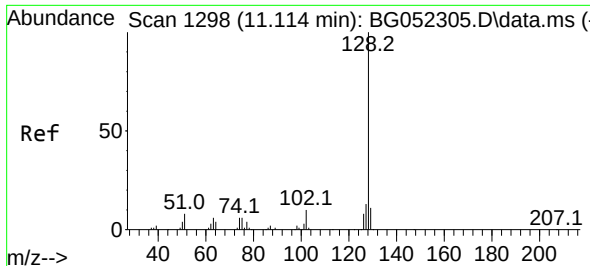


#30
1,2,4-Trichlorobenzene
Concen: 46.666 ng
RT: 10.927 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



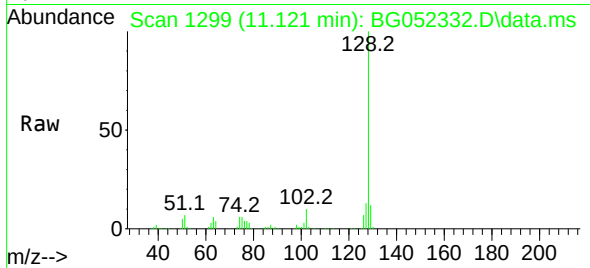
Tgt Ion:180 Resp: 100153
Ion Ratio Lower Upper
180 100
182 98.1 76.1 114.1
145 29.2 24.0 36.0





#31
Naphthalene
Concen: 46.579 ng
RT: 11.121 min Scan# 11121
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

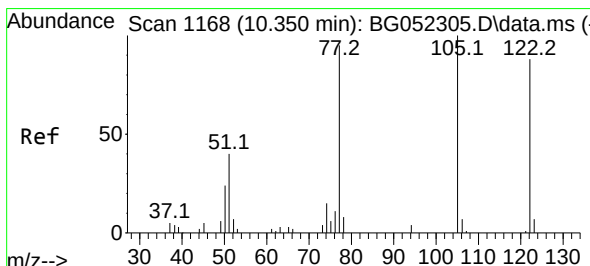
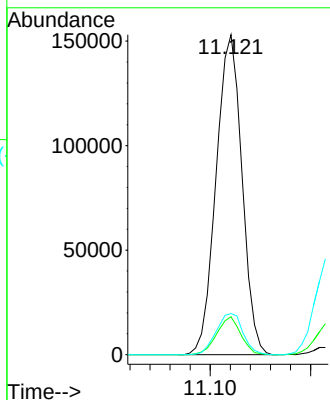
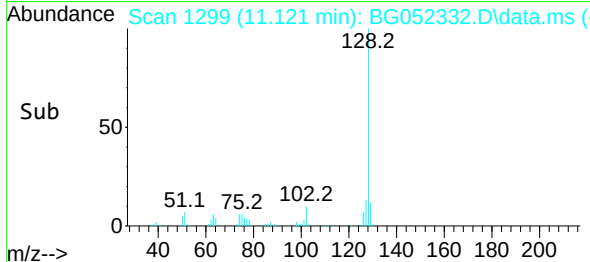
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:128 Resp: 273360
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 12.8 12.0 18.0

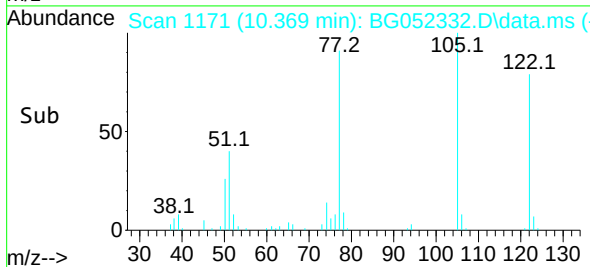
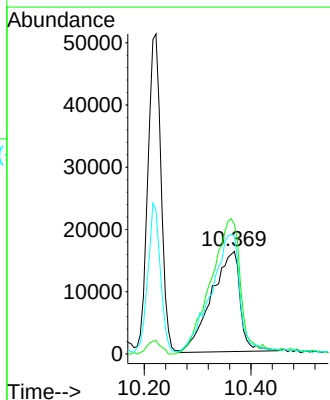
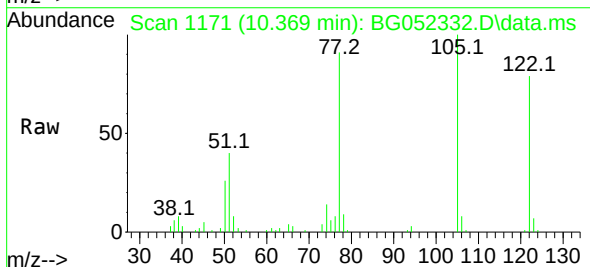
Manual Integrations
APPROVED

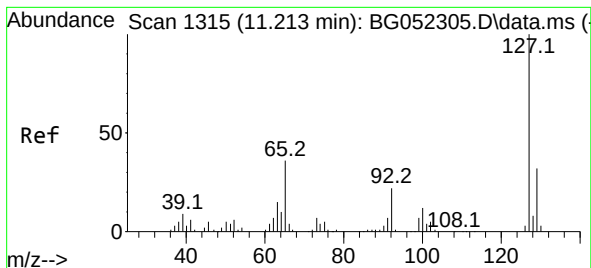
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#32
Benzoic acid
Concen: 59.271 ng
RT: 10.369 min Scan# 1171
Delta R.T. 0.019 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:122 Resp: 60353
Ion Ratio Lower Upper
122 100
105 126.5 109.2 149.2
77 115.1 92.8 132.8





#33
4-Chloroaniline
Concen: 35.221 ng
RT: 11.220 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

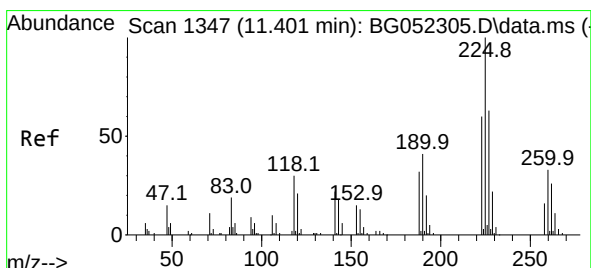
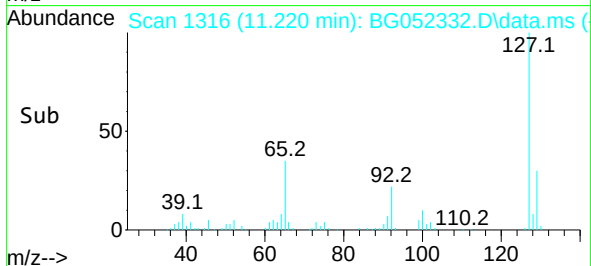
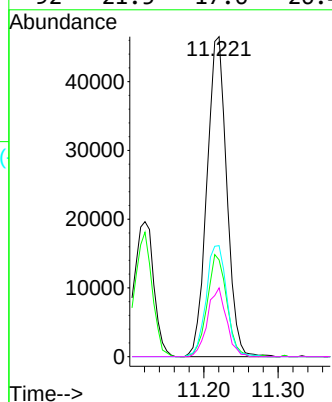
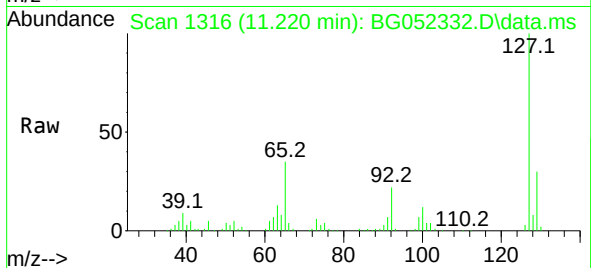
SB-5MS

Tgt Ion:127 Resp: 8630
Ion Ratio Lower Upper
127 100
129 30.3 27.0 40.6
65 34.7 28.7 43.1
92 21.5 17.6 26.4

Manual Integrations

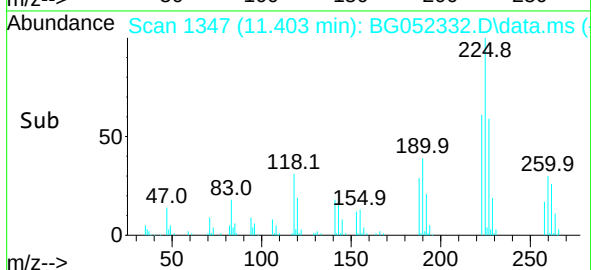
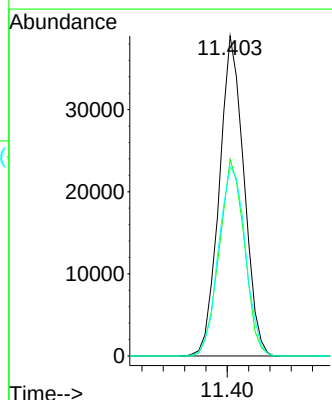
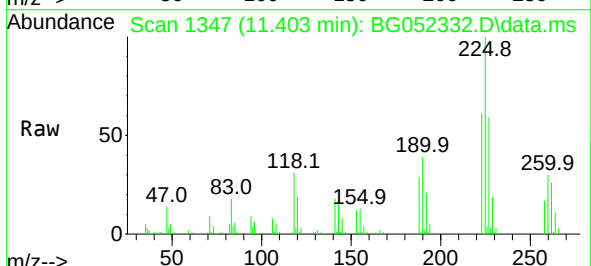
APPROVED

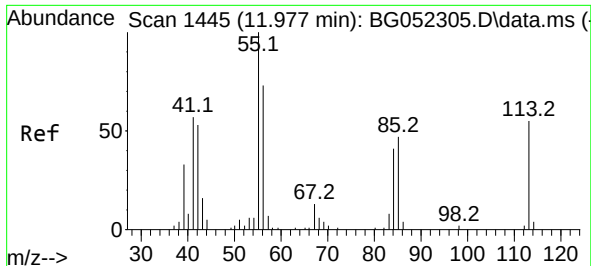
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#34
Hexachlorobutadiene
Concen: 43.129 ng
RT: 11.403 min Scan# 1347
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

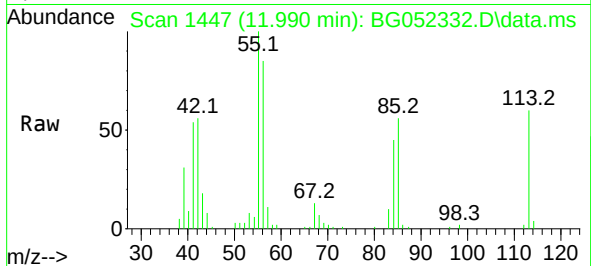
Tgt Ion:225 Resp: 62512
Ion Ratio Lower Upper
225 100
223 61.4 51.6 77.4
227 59.1 53.9 80.9





#35
Caprolactam
Concen: 52.776 ng m
RT: 11.990 min Scan# 14
Delta R.T. 0.013 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

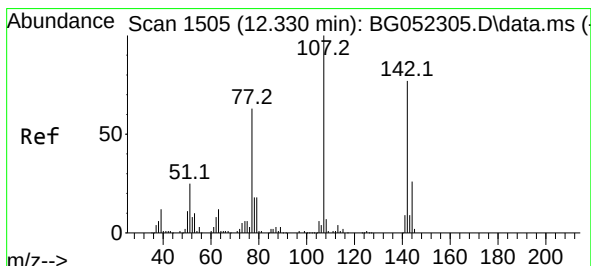
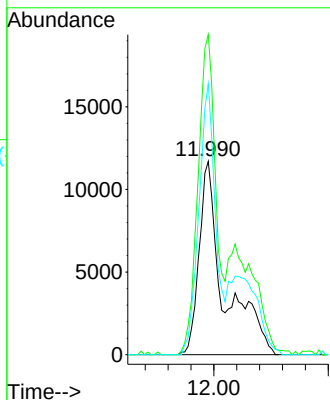
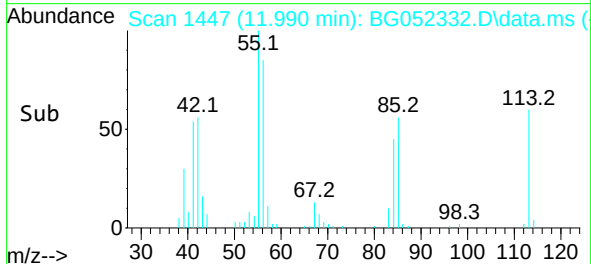
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:113 Resp: 35349
Ion Ratio Lower Upper
113 100
55 165.5 161.4 201.4
56 140.1 132.6 172.6

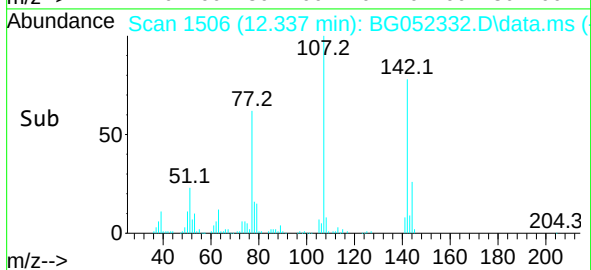
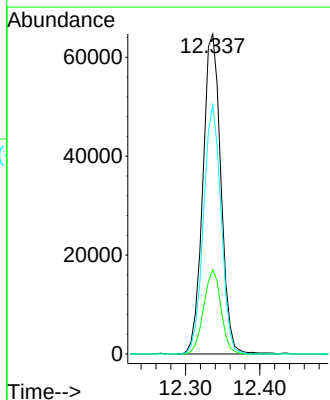
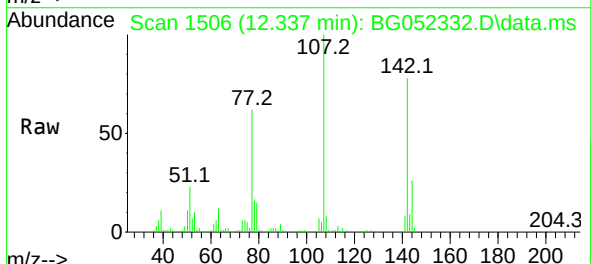
Manual Integrations
APPROVED

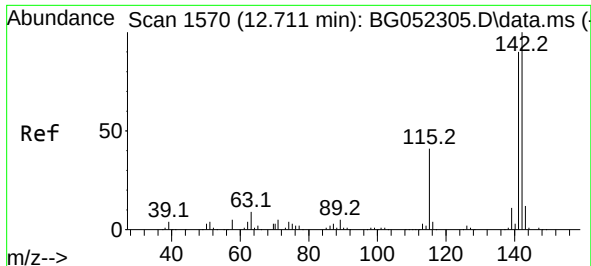
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#36
4-Chloro-3-methylphenol
Concen: 52.341 ng
RT: 12.337 min Scan# 1506
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

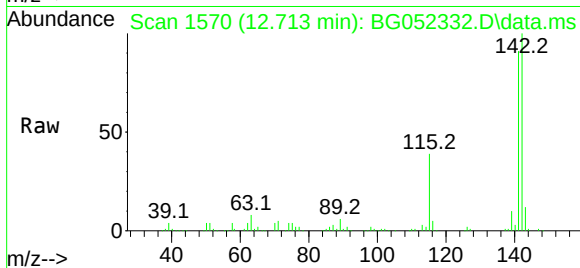
Tgt Ion:107 Resp: 109442
Ion Ratio Lower Upper
107 100
144 26.4 19.3 28.9
142 77.8 63.9 95.9





#37
2-Methylnaphthalene
Concen: 46.811 ng
RT: 12.713 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

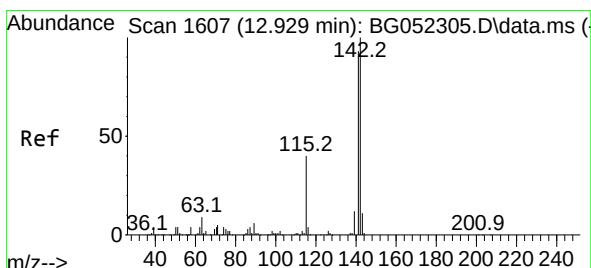
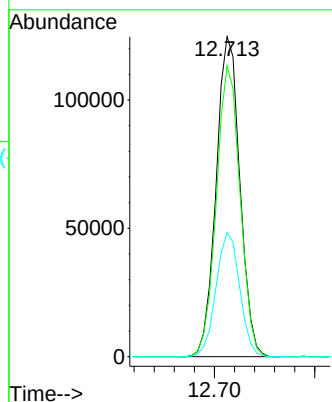
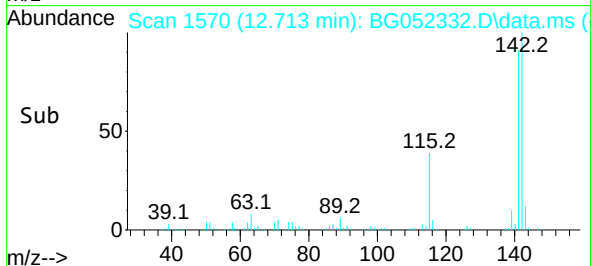
Instrument :
BNA_G
ClientSampleId :
SB-5MS



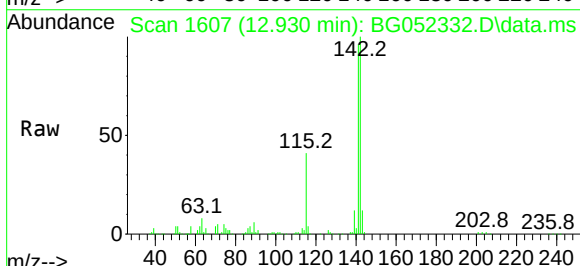
Tgt Ion:142 Resp: 204052
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 38.8 32.2 48.4

Manual Integrations
APPROVED

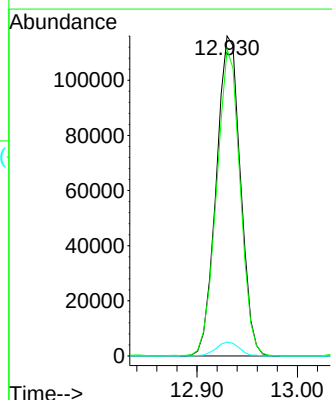
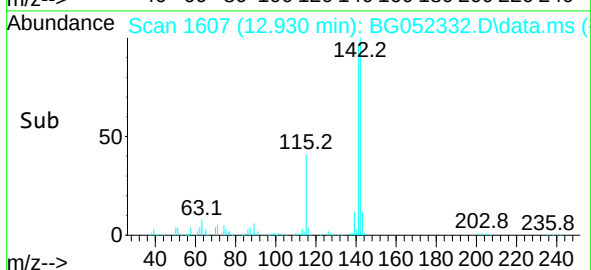
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

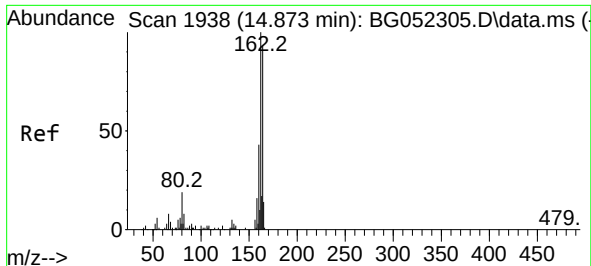


#38
1-Methylnaphthalene
Concen: 45.776 ng
RT: 12.930 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



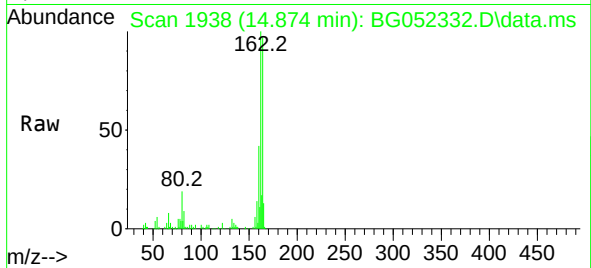
Tgt Ion:142 Resp: 193355
Ion Ratio Lower Upper
142 100
141 95.9 75.0 112.4
116 4.3 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

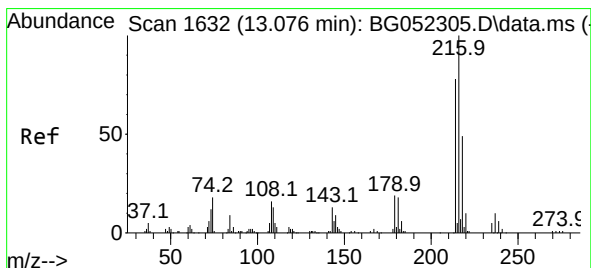
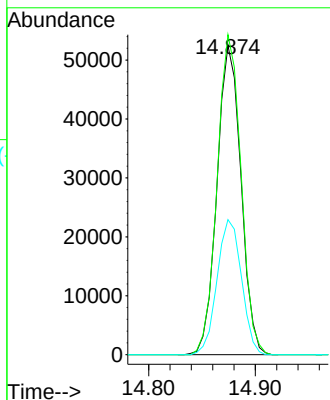
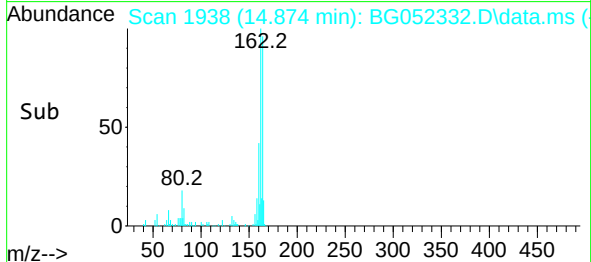
Instrument :
BNA_G
ClientSampleId :
SB-5MS



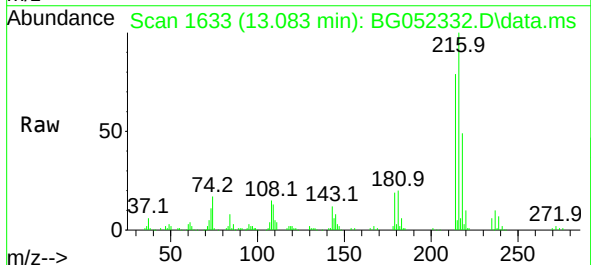
Tgt Ion:164 Resp: 8183
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 43.7 36.2 54.2

Manual Integrations
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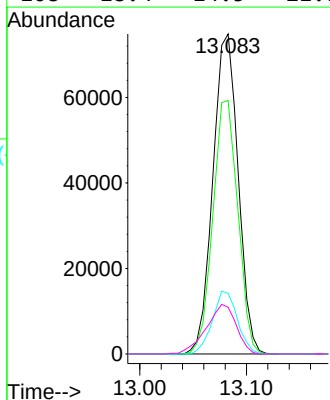
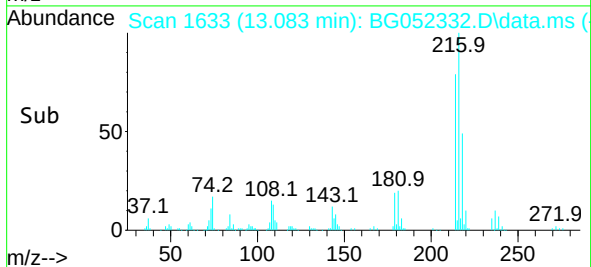
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

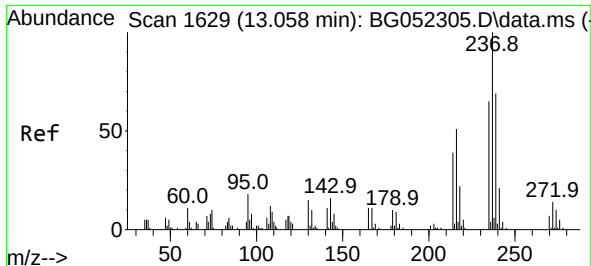


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.640 ng
RT: 13.083 min Scan# 1633
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



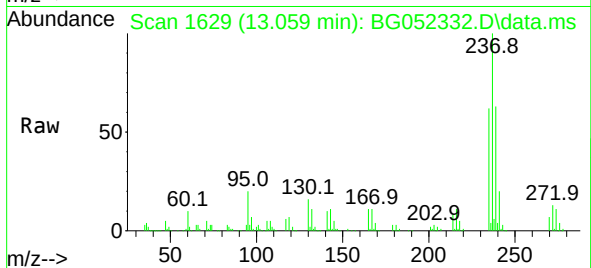
Tgt Ion:216 Resp: 122850
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 19.4 16.3 24.5
108 18.4 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 112.468 ng
RT: 13.059 min Scan# 1629
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

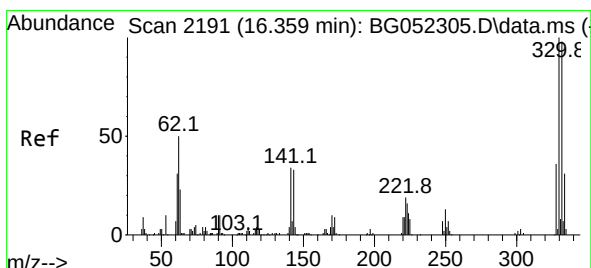
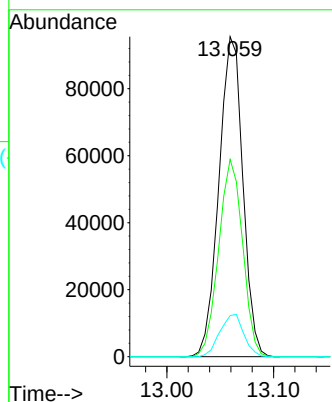
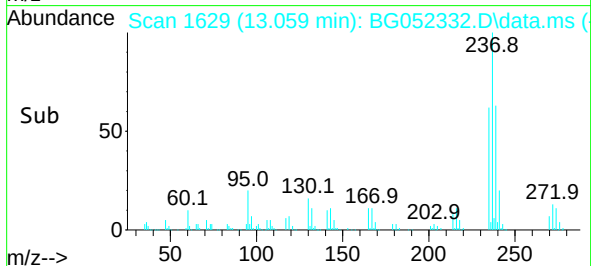
Instrument :
BNA_G
ClientSampleId :
SB-5MS



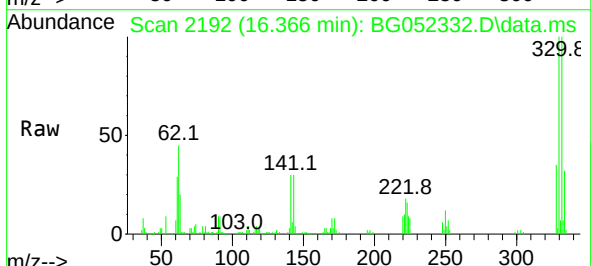
Tgt Ion:237 Resp: 148785
Ion Ratio Lower Upper
237 100
235 61.7 45.9 85.9
272 12.8 0.0 33.0

Manual Integrations
APPROVED

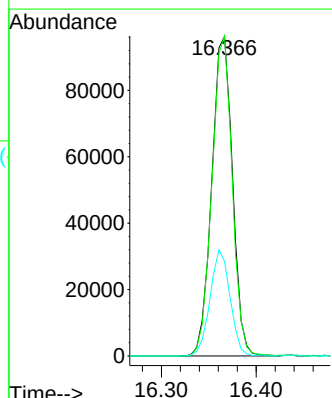
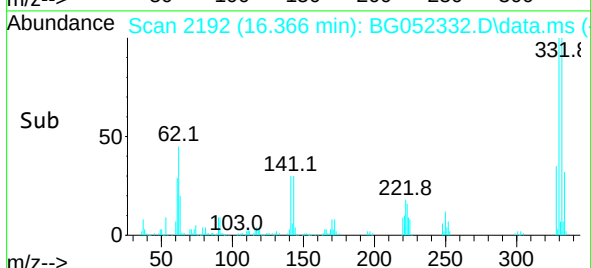
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

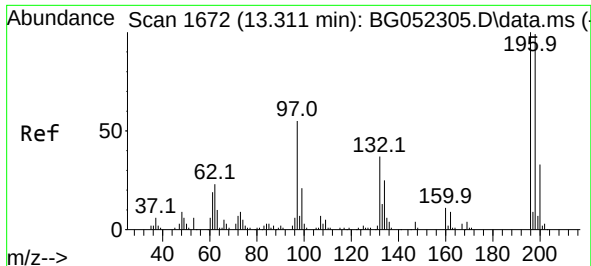


#42
2,4,6-Tribromophenol
Concen: 124.215 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion:330 Resp: 146042
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 32.1 28.8 43.2





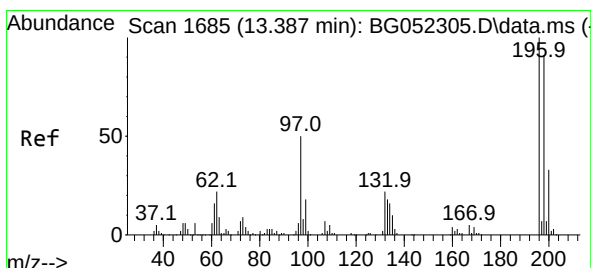
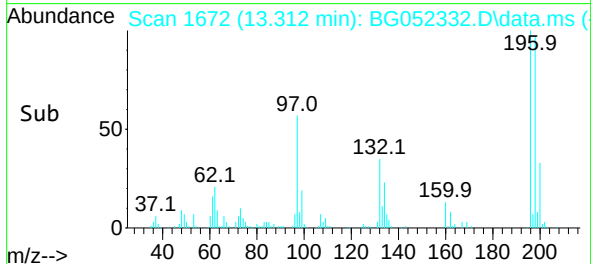
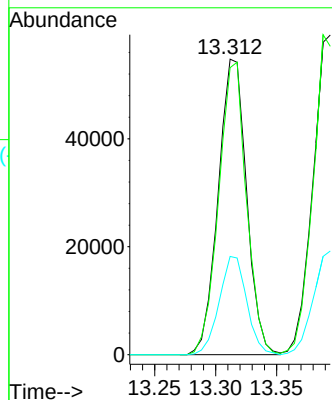
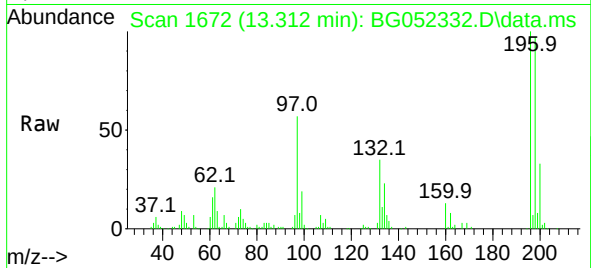
#43
2,4,6-Trichlorophenol
Concen: 50.449 ng
RT: 13.312 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Tgt Ion:196 Resp: 8881
Ion Ratio Lower Upper
196 100
198 97.2 78.4 117.6
200 33.2 28.5 42.7

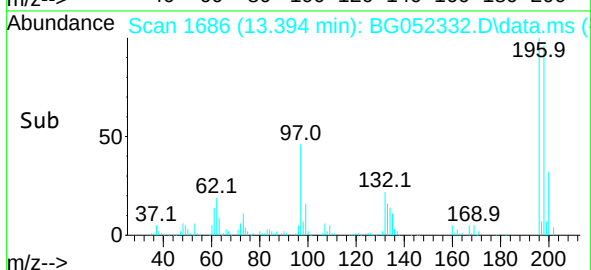
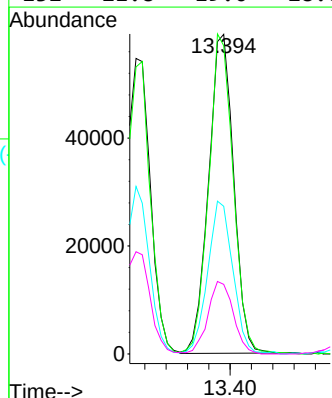
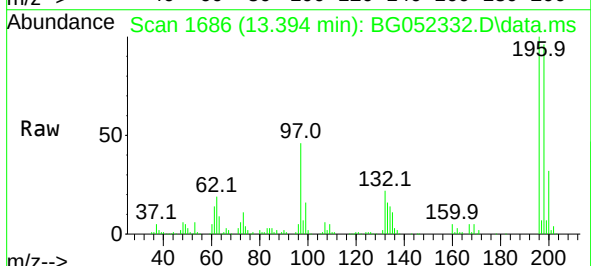
Manual Integrations
APPROVED

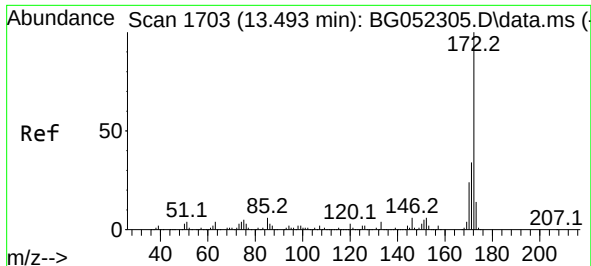
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#44
2,4,5-Trichlorophenol
Concen: 50.588 ng
RT: 13.394 min Scan# 1686
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

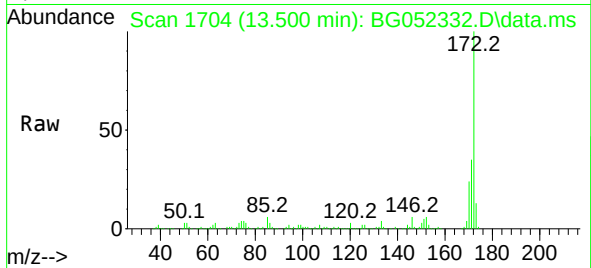
Tgt Ion:196 Resp: 96511
Ion Ratio Lower Upper
196 100
198 96.5 78.6 118.0
97 46.2 43.8 65.8
132 21.8 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 71.760 ng
RT: 13.500 min Scan# 1704
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

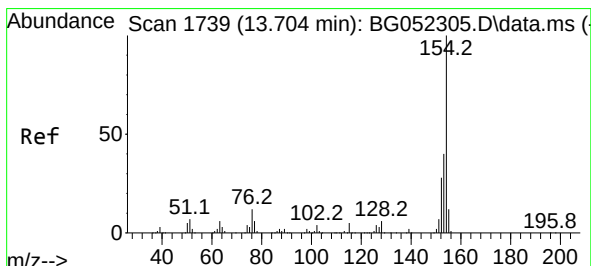
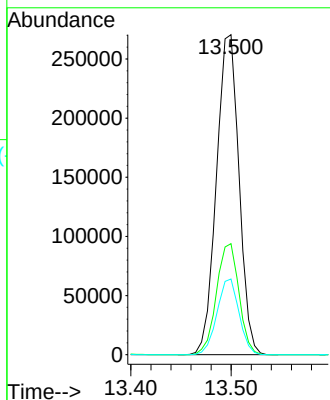
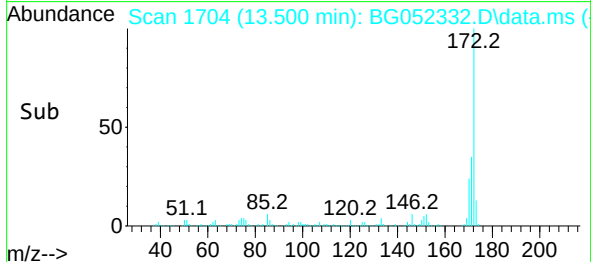
Instrument :
BNA_G
ClientSampleId :
SB-5MS



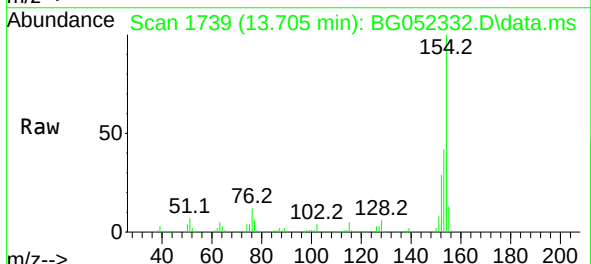
Tgt Ion:172 Resp: 422630
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.7 18.3 27.5

Manual Integrations
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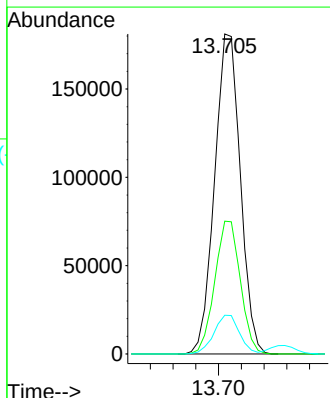
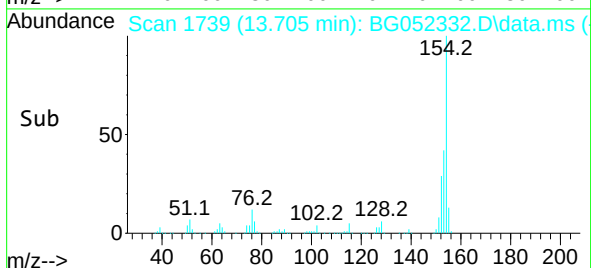
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

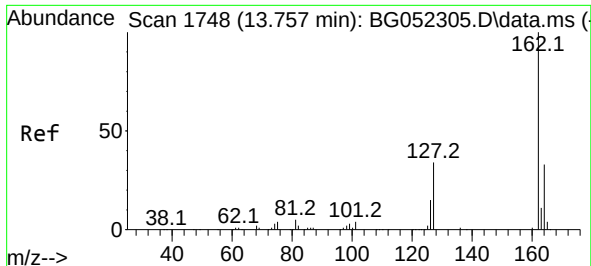


#46
1,1'-Biphenyl
Concen: 47.398 ng
RT: 13.705 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



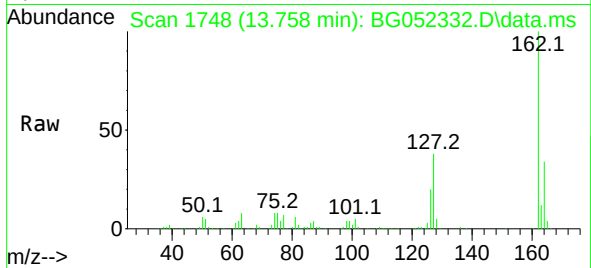
Tgt Ion:154 Resp: 284435
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 12.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 45.860 ng
RT: 13.758 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

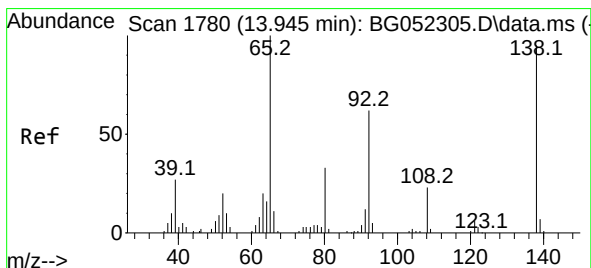
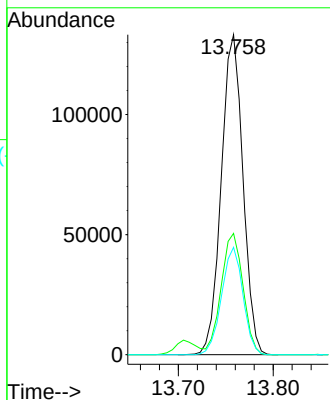
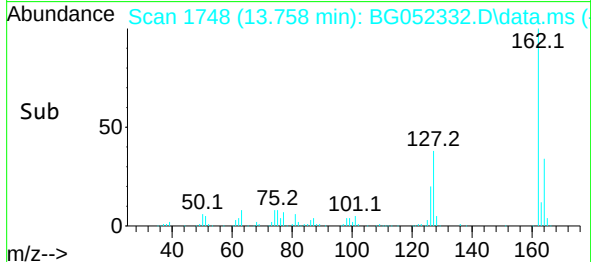
Instrument :
BNA_G
ClientSampleId :
SB-5MS



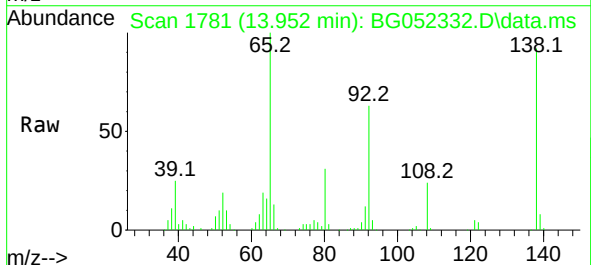
Tgt Ion:162 Resp: 21202
Ion Ratio Lower Upper
162 100
127 37.9 30.4 45.6
164 33.6 25.0 37.4

Manual Integrations
APPROVED

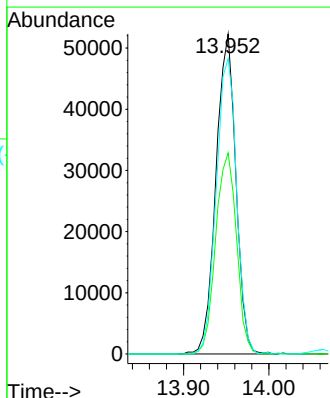
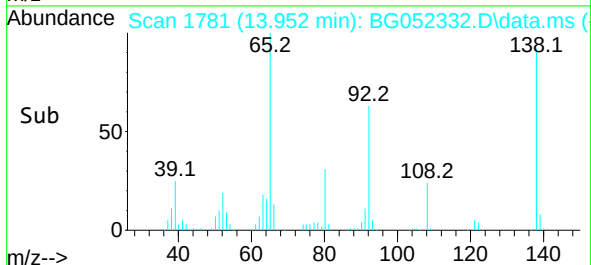
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

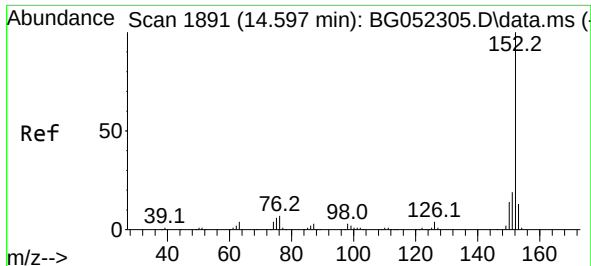


#48
2-Nitroaniline
Concen: 51.479 ng
RT: 13.952 min Scan# 1781
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



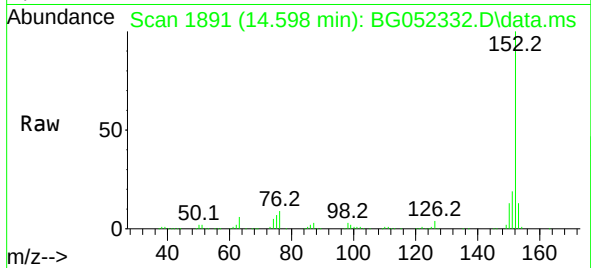
Tgt Ion: 65 Resp: 84735
Ion Ratio Lower Upper
65 100
92 62.9 51.0 76.6
138 92.3 72.4 108.6





#49
Acenaphthylene
Concen: 49.256 ng
RT: 14.598 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

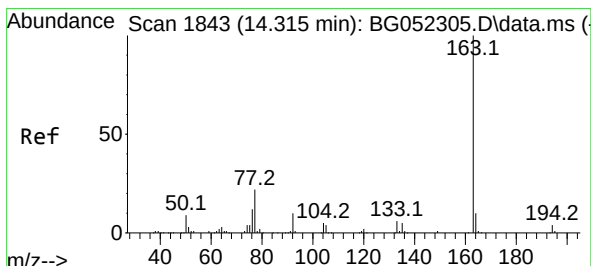
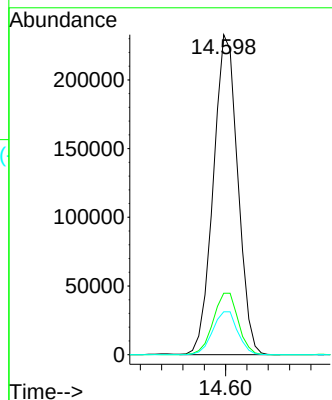
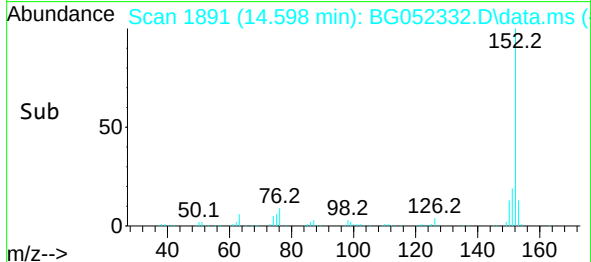
Instrument :
BNA_G
ClientSampleId :
SB-5MS



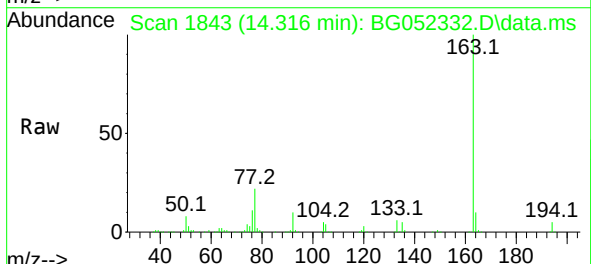
Tgt Ion:152 Resp: 37070
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 13.4 10.8 16.2

Manual Integrations
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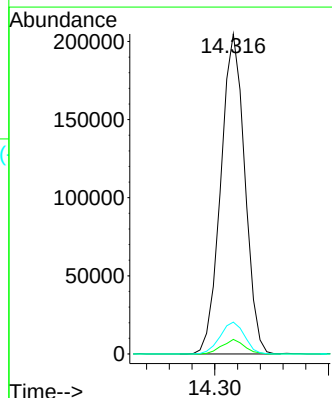
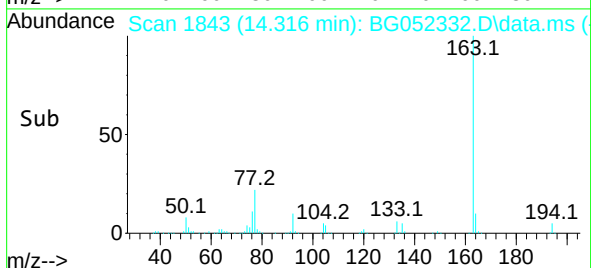
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

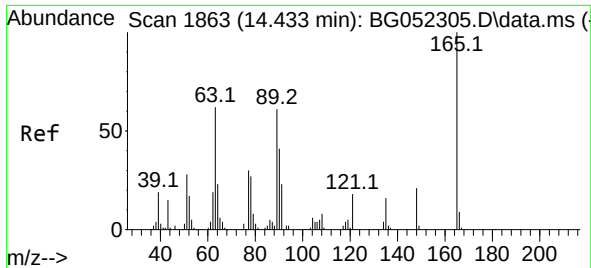


#50
Dimethylphthalate
Concen: 47.881 ng
RT: 14.316 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



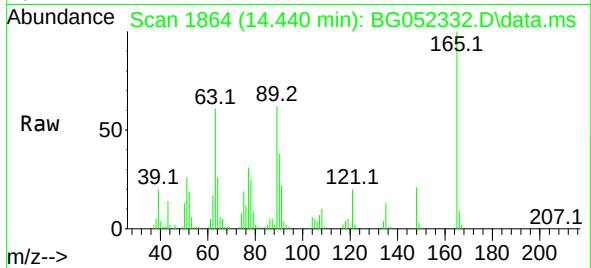
Tgt Ion:163 Resp: 300172
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.9 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 50.306 ng
RT: 14.440 min Scan# 1863
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

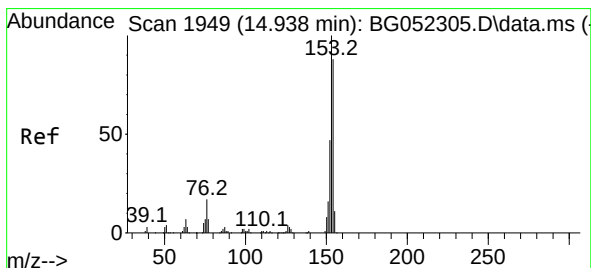
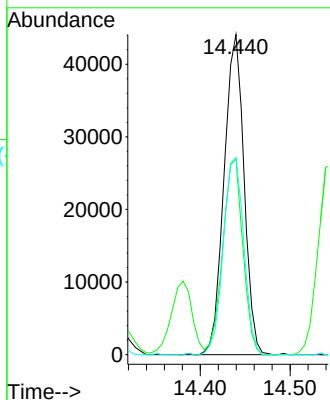
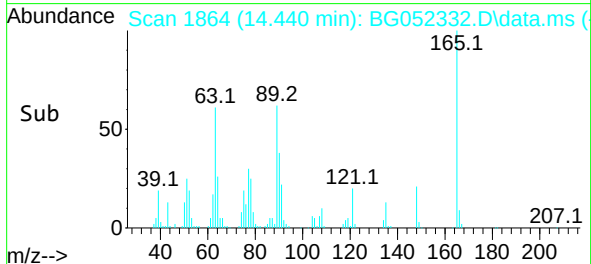
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:165 Resp: 68050
Ion Ratio Lower Upper
165 100
63 61.3 59.0 88.4
89 61.5 49.4 74.0

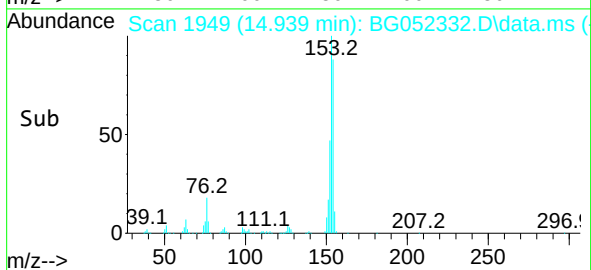
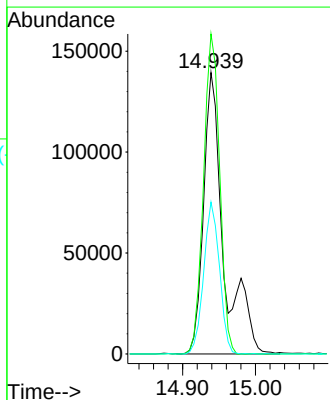
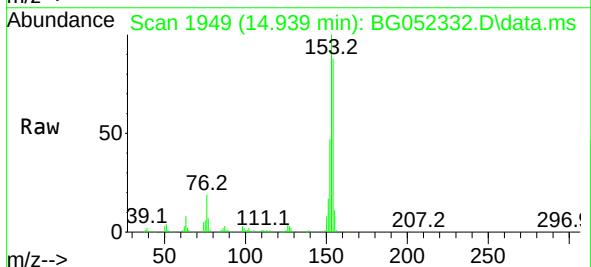
Manual Integrations
APPROVED

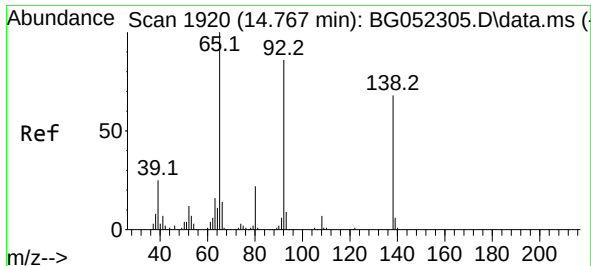
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#52
Acenaphthene
Concen: 54.603 ng m
RT: 14.939 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

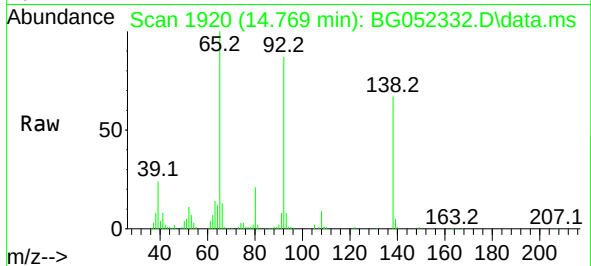
Tgt Ion:154 Resp: 269133
Ion Ratio Lower Upper
154 100
153 113.7 91.9 137.9
152 53.9 43.4 65.2





#53
3-Nitroaniline
Concen: 38.040 ng
RT: 14.769 min Scan# 1920
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

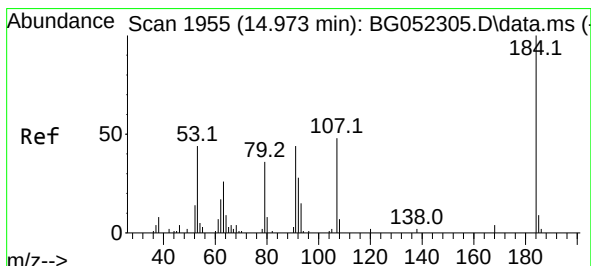
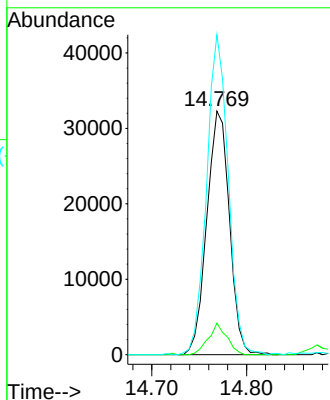
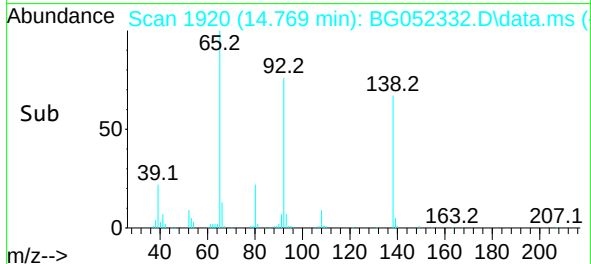
Instrument :
BNA_G
ClientSampleId :
SB-5MS



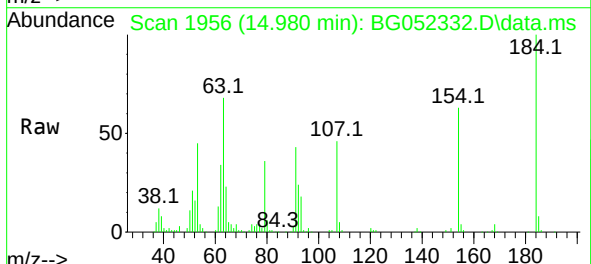
Tgt Ion:138 Resp: 5349
Ion Ratio Lower Upper
138 100
108 12.9 7.8 11.8
92 131.4 100.4 150.6

Manual Integrations
APPROVED

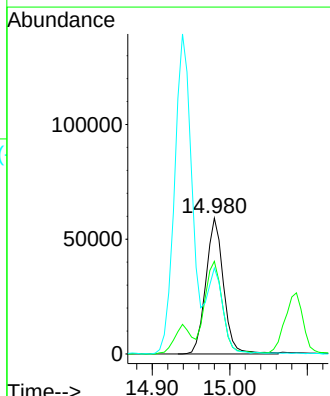
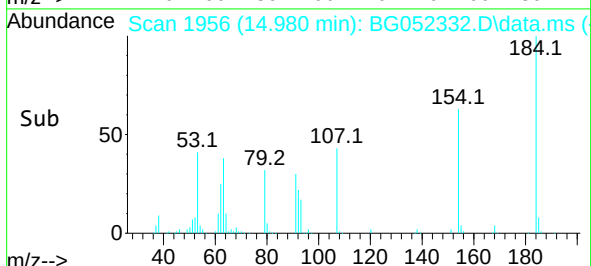
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

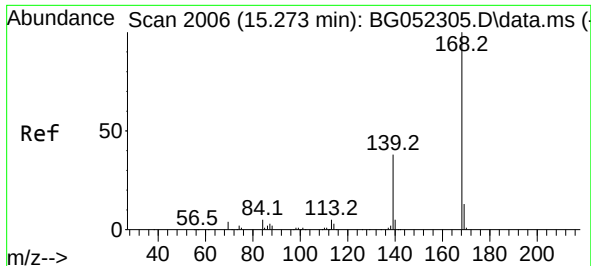


#54
2,4-Dinitrophenol
Concen: 109.782 ng
RT: 14.980 min Scan# 1956
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion:184 Resp: 93602
Ion Ratio Lower Upper
184 100
63 68.1 56.0 84.0
154 63.3 50.2 75.2





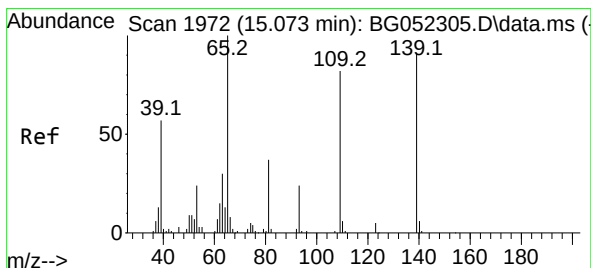
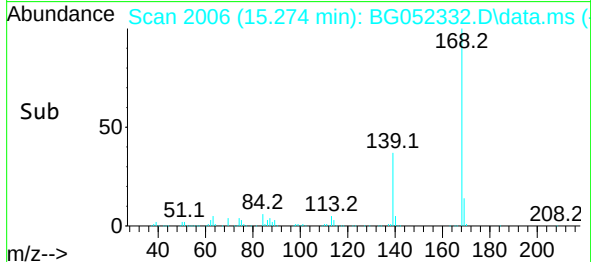
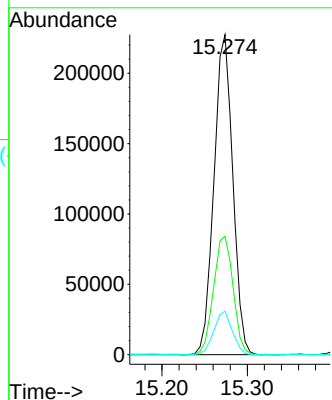
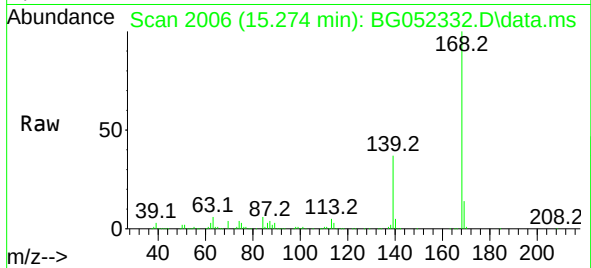
#55
Dibenzofuran
Concen: 45.025 ng
RT: 15.274 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Tgt Ion:168 Resp: 349000
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1
169 13.6 10.9 16.3

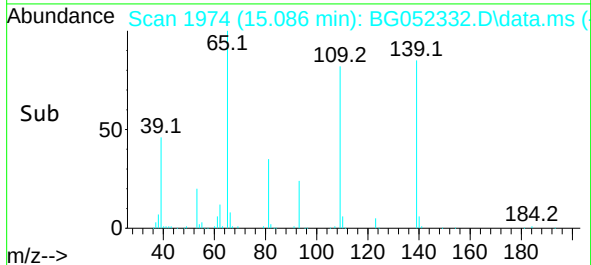
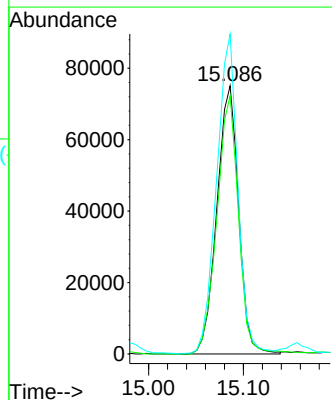
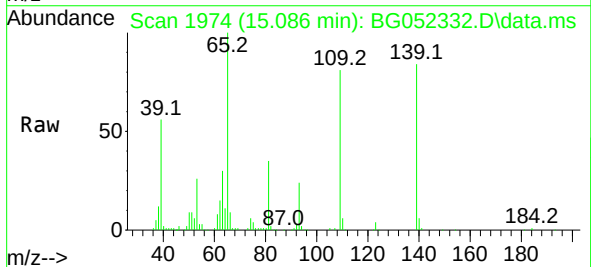
Manual Integrations
APPROVED

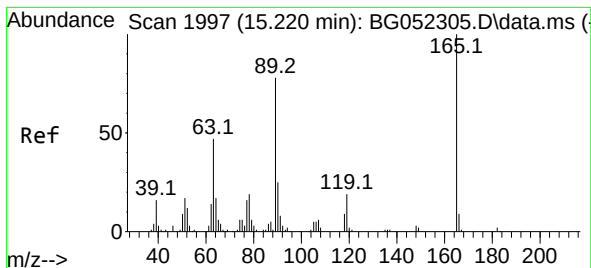
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#56
4-Nitrophenol
Concen: 113.823 ng
RT: 15.086 min Scan# 1974
Delta R.T. 0.013 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

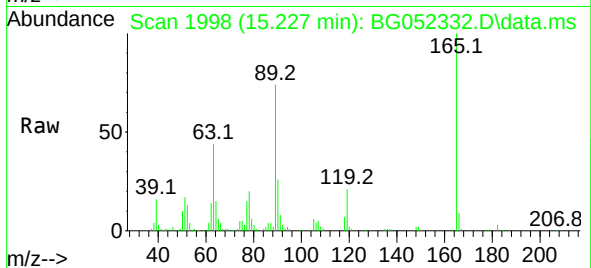
Tgt Ion:139 Resp: 120199
Ion Ratio Lower Upper
139 100
109 96.2 84.9 124.9
65 119.3 109.9 149.9





#57
2,4-Dinitrotoluene
Concen: 52.817 ng
RT: 15.227 min Scan# 1997
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

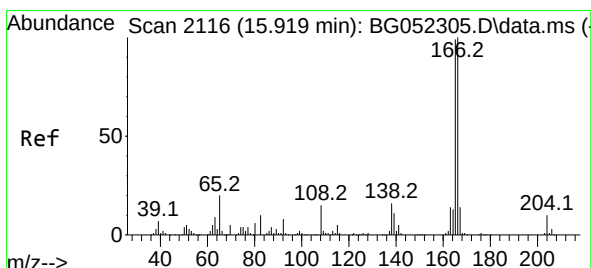
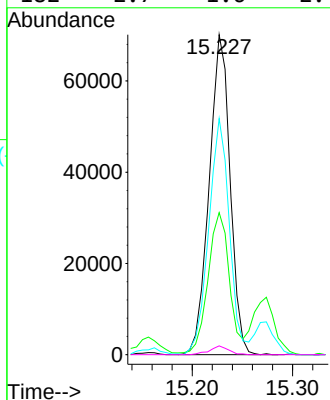
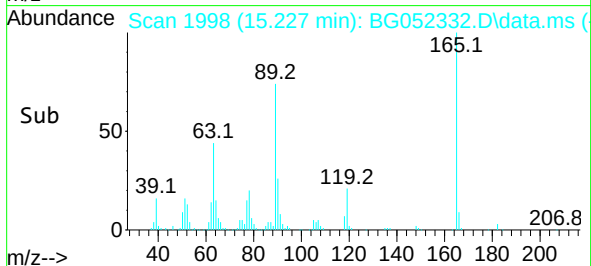
Instrument :
BNA_G
ClientSampleId :
SB-5MS



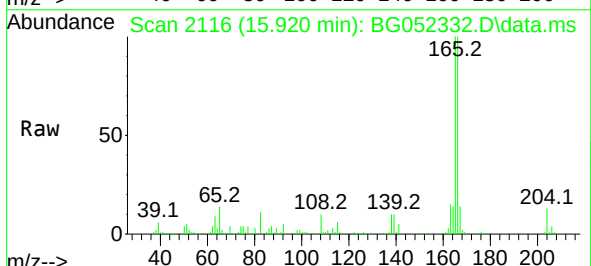
Tgt Ion:165 Resp: 101698
Ion Ratio Lower Upper
165 100
63 44.4 44.6 66.8
89 73.8 67.4 101.0
182 2.7 1.6 2.4#

Manual Integrations
APPROVED

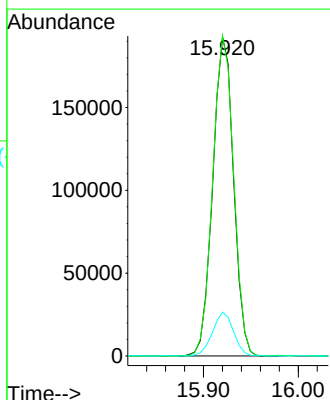
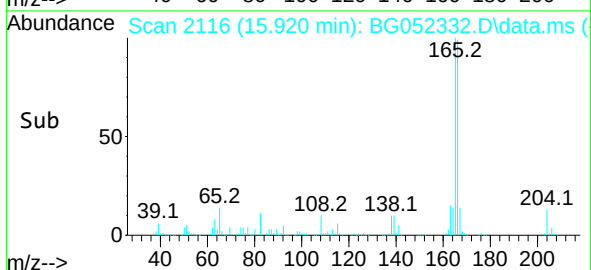
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

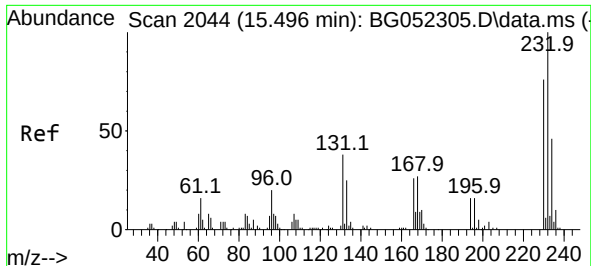


#58
Fluorene
Concen: 47.388 ng
RT: 15.920 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



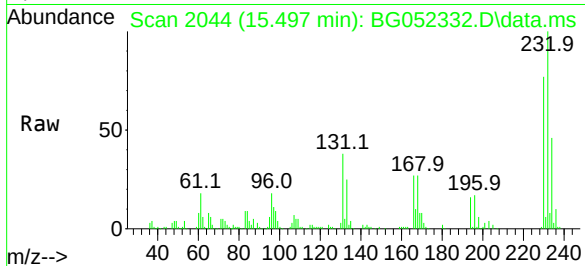
Tgt Ion:166 Resp: 293235
Ion Ratio Lower Upper
166 100
165 100.2 80.0 120.0
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.503 ng
RT: 15.497 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

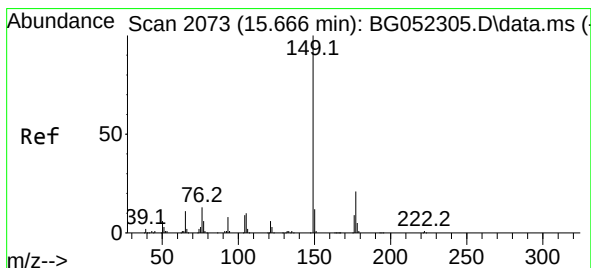
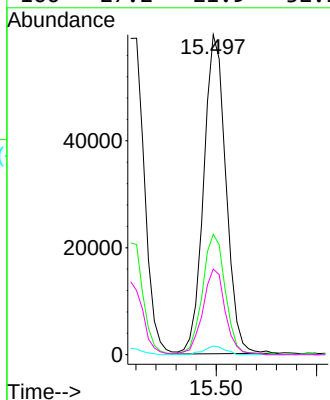
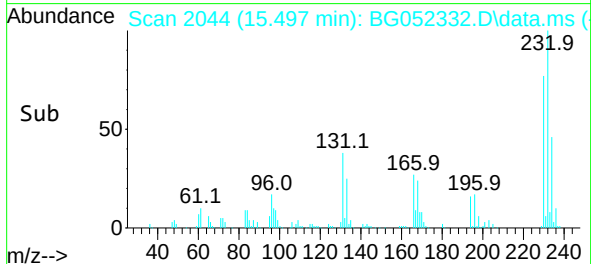
Instrument :
BNA_G
Client SampleId :
SB-5MS



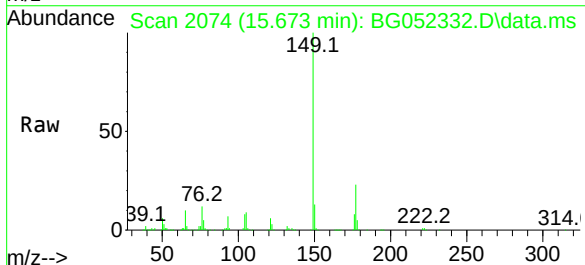
Tgt Ion:232 Resp: 9204
Ion Ratio Lower Upper
232 100
131 38.8 32.2 48.4
130 2.6 2.2 3.4
166 27.2 21.9 32.9

Manual Integrations
APPROVED

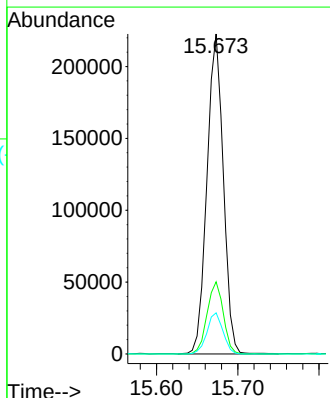
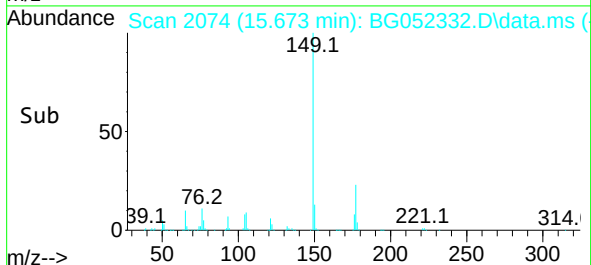
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

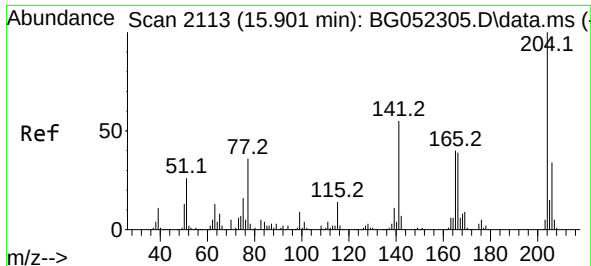


#60
Diethylphthalate
Concen: 49.052 ng
RT: 15.673 min Scan# 2074
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion:149 Resp: 310647
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.8 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 45.849 ng
RT: 15.902 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

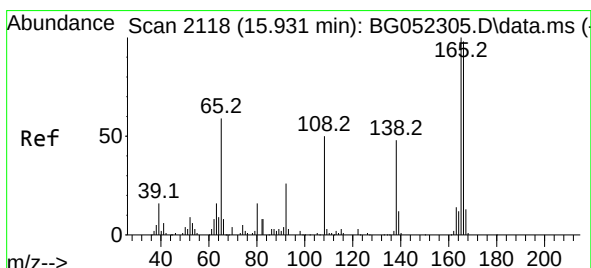
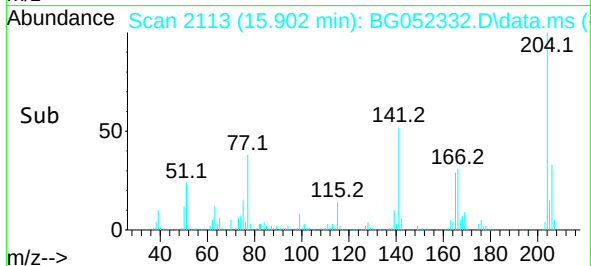
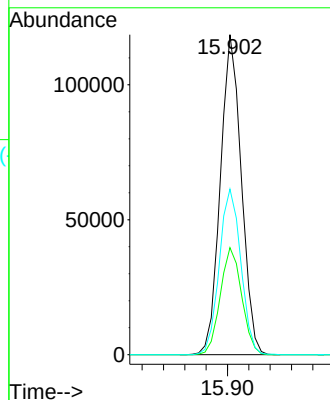
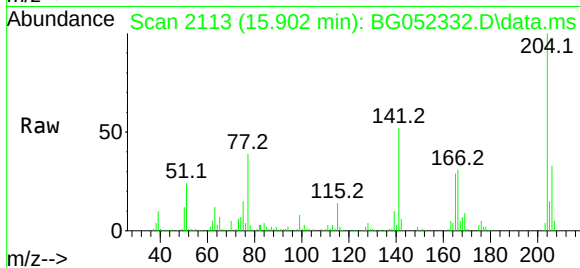
SB-5MS

Tgt Ion:204 Resp: 161610
Ion Ratio Lower Upper
204 100
206 33.5 28.4 42.6
141 51.8 41.8 62.6

Manual Integrations

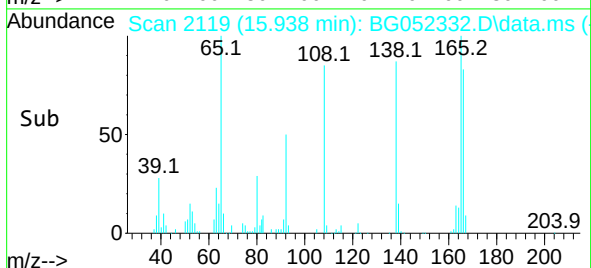
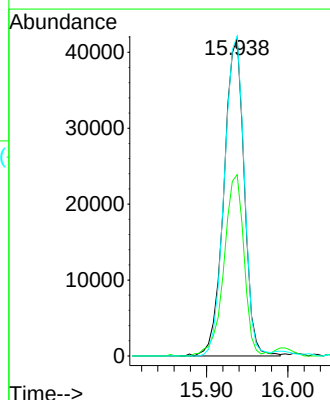
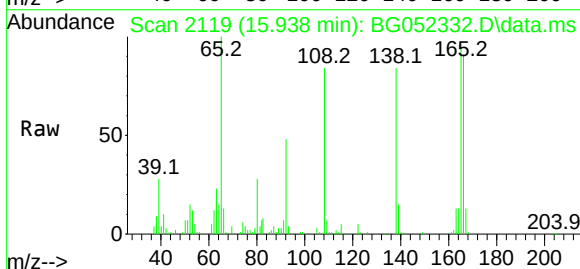
APPROVED

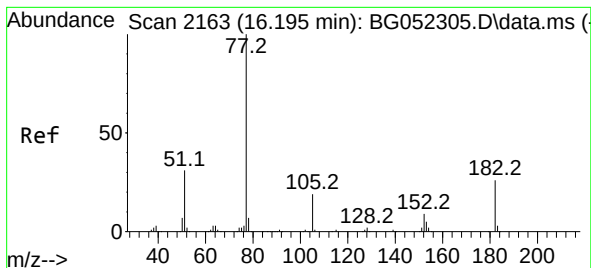
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#62
4-Nitroaniline
Concen: 49.114 ng
RT: 15.938 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:138 Resp: 72706
Ion Ratio Lower Upper
138 100
92 57.0 35.5 75.5
108 100.6 96.4 136.4





#63

Azobenzene

Concen: 46.171 ng

RT: 16.196 min Scan# 2163

Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

SB-5MS

Tgt Ion: 77 Resp: 29933

Ion Ratio Lower Upper

77 100

182 25.5 4.1 44.1

105 19.6 0.0 37.5

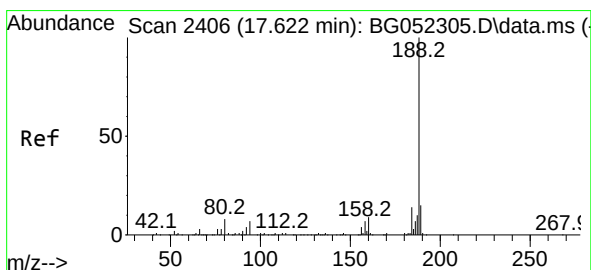
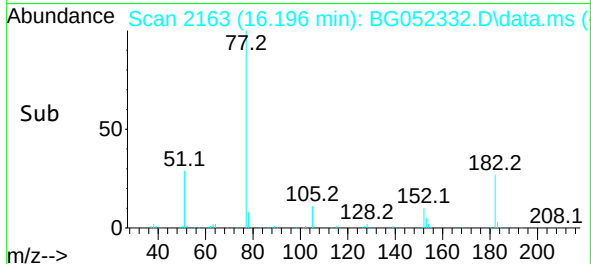
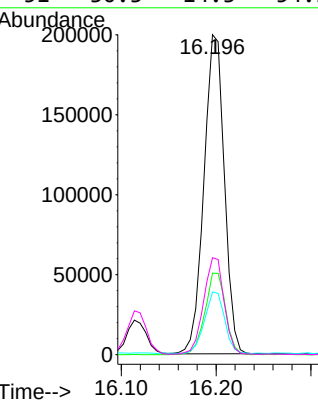
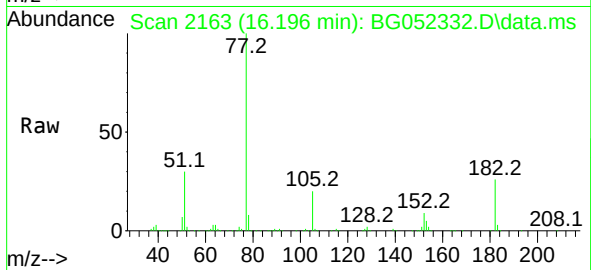
51 30.3 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2406

Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

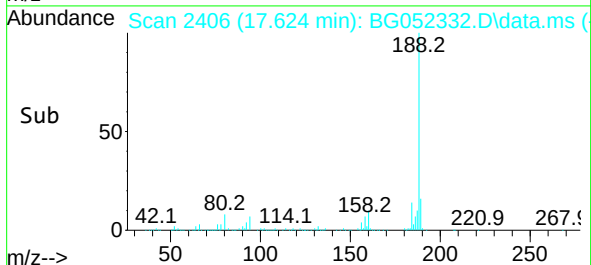
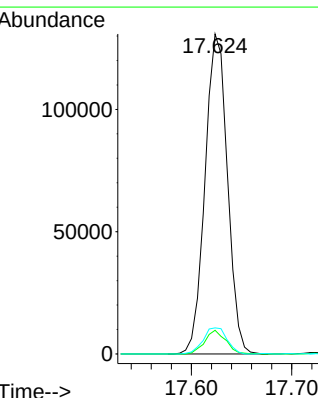
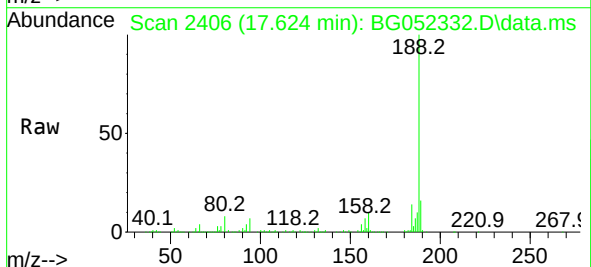
Tgt Ion:188 Resp: 202566

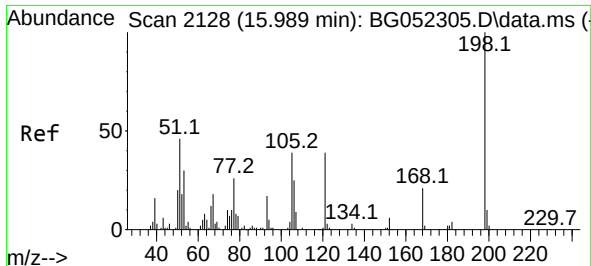
Ion Ratio Lower Upper

188 100

94 7.4 5.9 8.9

80 8.1 6.6 10.0





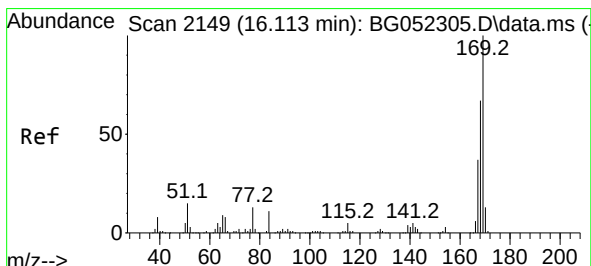
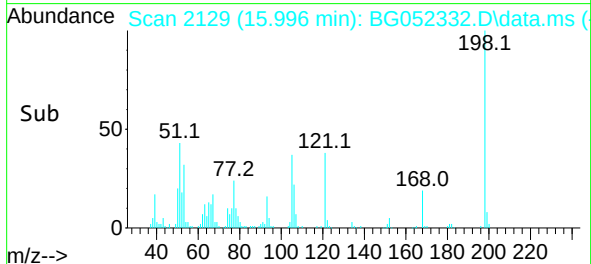
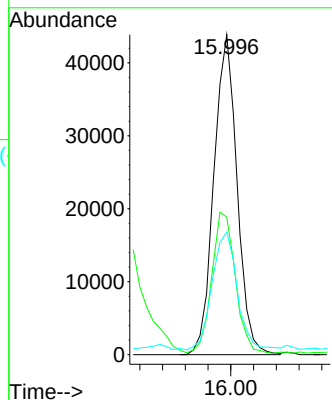
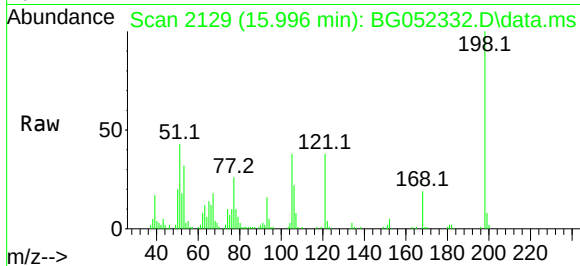
#65
4,6-Dinitro-2-methylphenol
Concen: 50.942 ng
RT: 15.996 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Tgt Ion:198 Resp: 62070
Ion Ratio Lower Upper
198 100
51 42.9 31.6 71.6
105 38.3 22.3 62.3

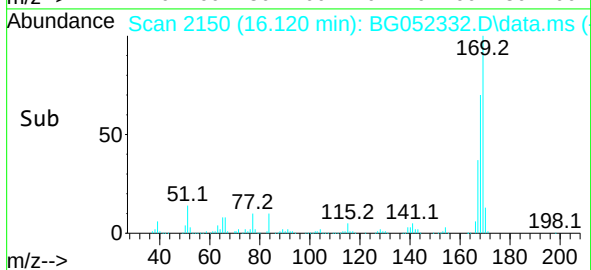
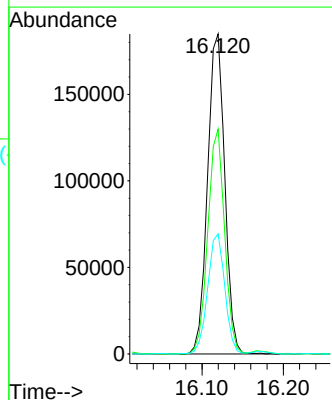
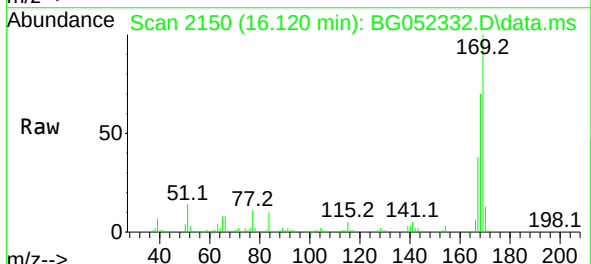
Manual Integrations
APPROVED

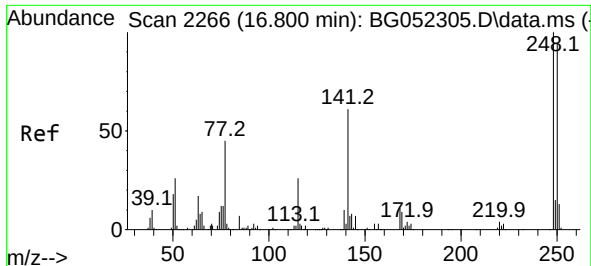
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#66
n-Nitrosodiphenylamine
Concen: 48.473 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

Tgt Ion:169 Resp: 270536
Ion Ratio Lower Upper
169 100
168 70.3 57.4 86.0
167 37.6 29.5 44.3





#67

4-Bromophenyl-phenylether

Concen: 45.422 ng

RT: 16.801 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

SB-5MS

Tgt Ion:248 Resp: 11189

Ion Ratio Lower Upper

248 100

250 96.3 79.6 119.4

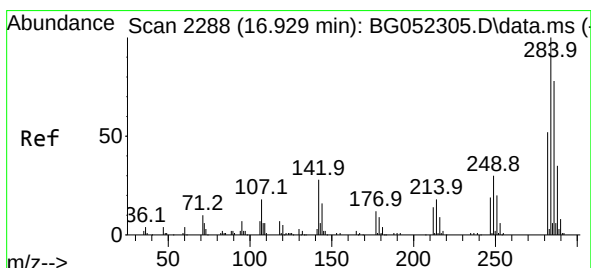
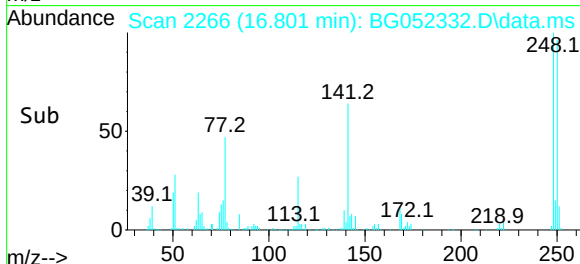
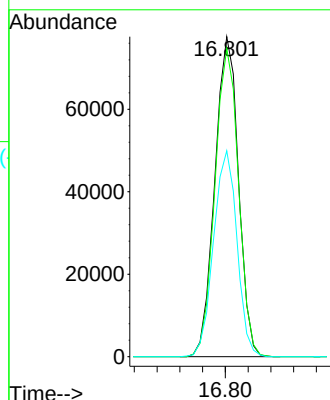
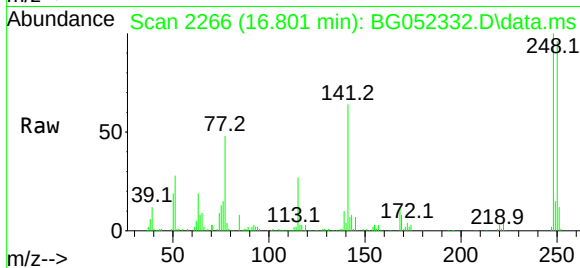
141 64.3 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#68

Hexachlorobenzene

Concen: 45.792 ng

RT: 16.936 min Scan# 2289

Delta R.T. 0.007 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

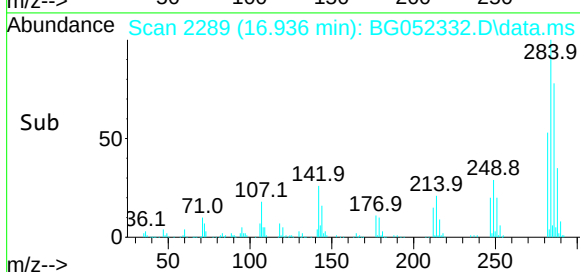
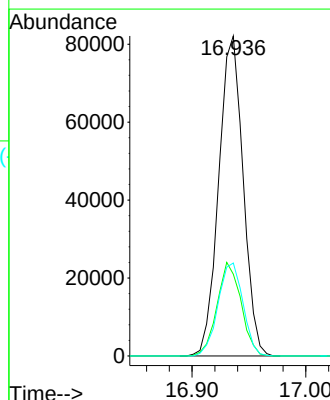
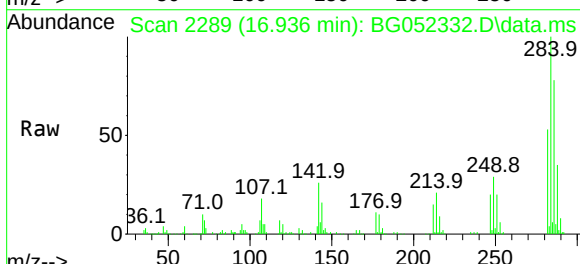
Tgt Ion:284 Resp: 122349

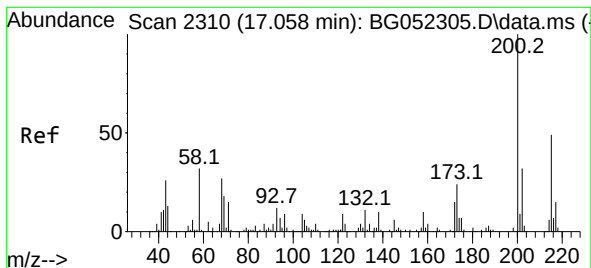
Ion Ratio Lower Upper

284 100

142 25.6 26.2 39.2#

249 29.1 26.9 40.3





#69

Atrazine

Concen: 51.508 ng

RT: 17.060 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

Instrument :

BNA_G

ClientSampleId :

SB-5MS

Tgt Ion:200 Resp: 116224

Ion Ratio Lower Upper

200 100

173 24.6 3.3 43.3

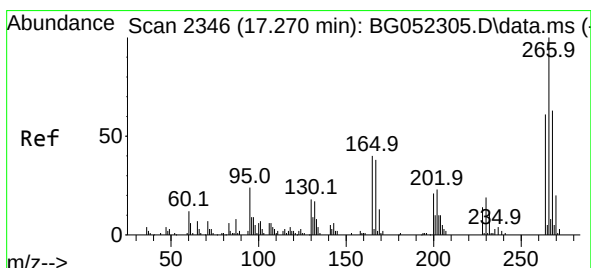
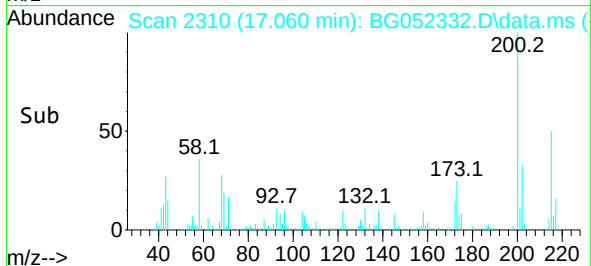
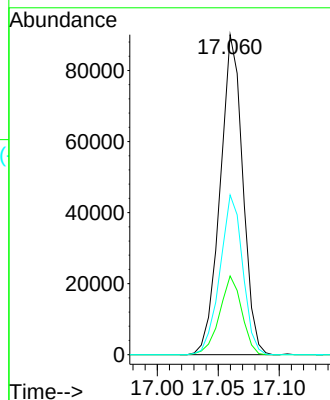
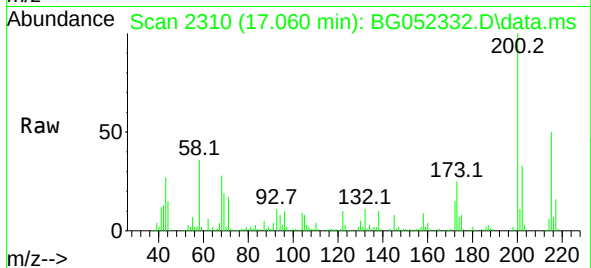
215 49.9 24.4 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#70

Pentachlorophenol

Concen: 114.818 ng

RT: 17.277 min Scan# 2347

Delta R.T. 0.007 min

Lab File: BG052332.D

Acq: 9 Feb 2022 13:15

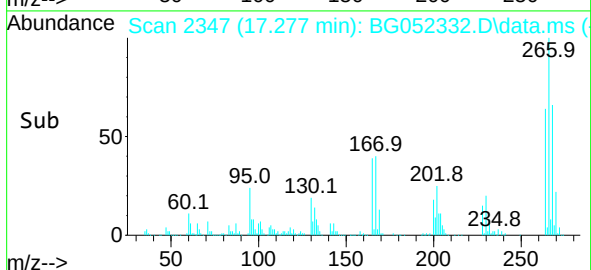
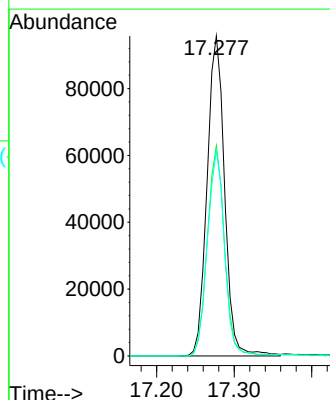
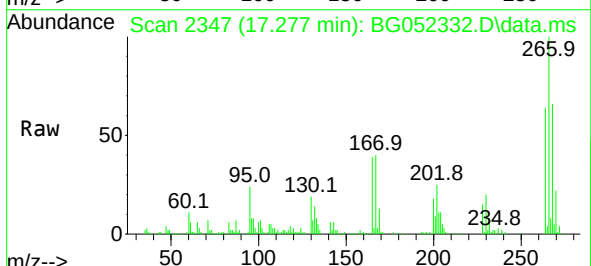
Tgt Ion:266 Resp: 150081

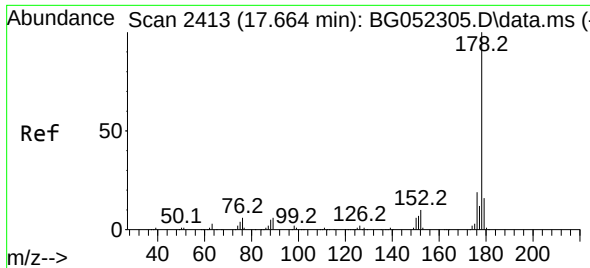
Ion Ratio Lower Upper

266 100

268 65.7 50.6 75.8

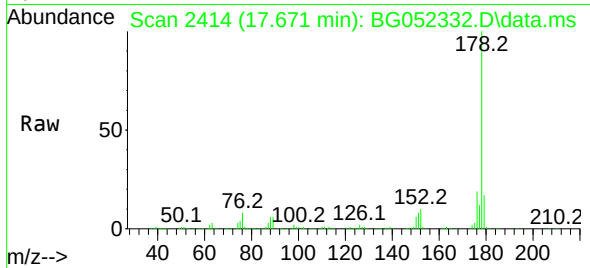
264 64.3 52.2 78.2





#71
Phenanthrene
Concen: 46.497 ng
RT: 17.671 min Scan# 2413
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

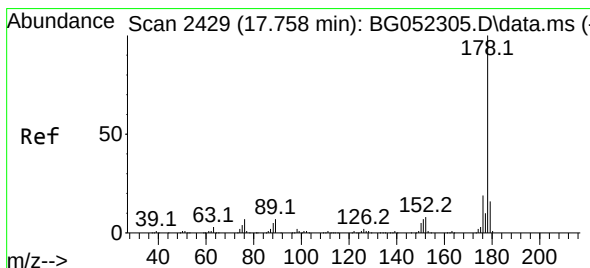
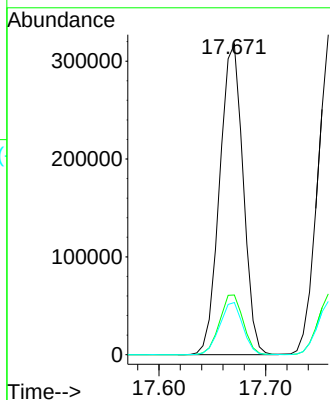
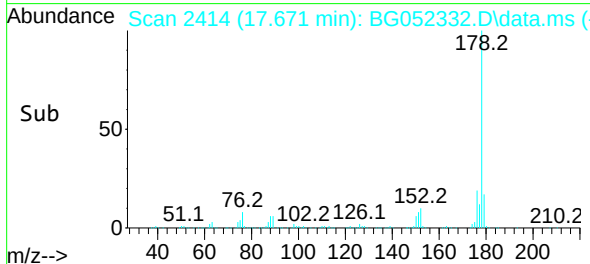
Instrument :
BNA_G
ClientSampleId :
SB-5MS



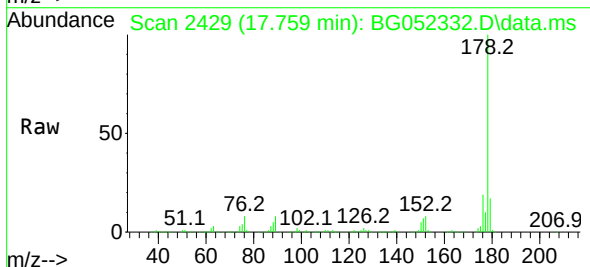
Tgt Ion:178 Resp: 485540
Ion Ratio Lower Upper
178 100
176 19.2 16.6 25.0
179 16.8 12.6 18.8

Manual Integrations
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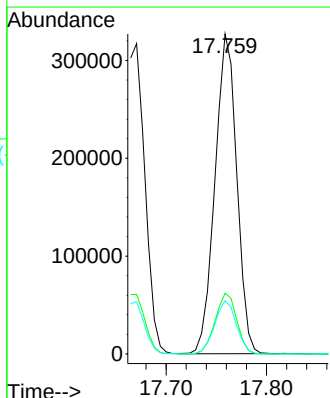
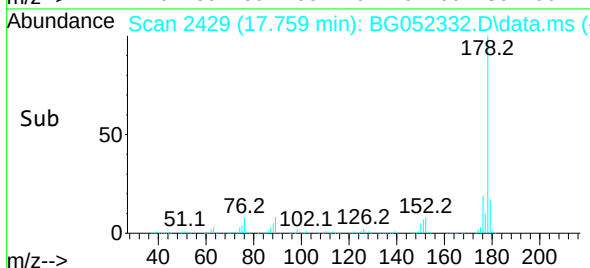
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

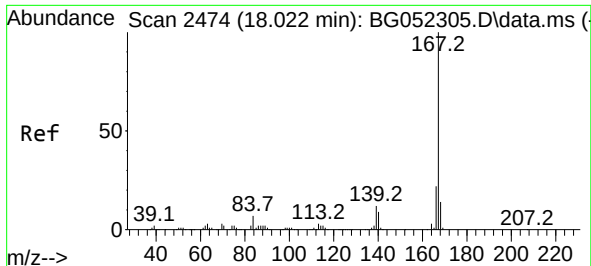


#72
Anthracene
Concen: 48.114 ng
RT: 17.759 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



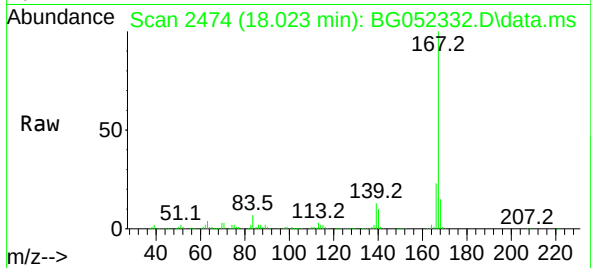
Tgt Ion:178 Resp: 492344
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.7 13.1 19.7





#73
 Carbazole
 Concen: 46.871 ng
 RT: 18.023 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15

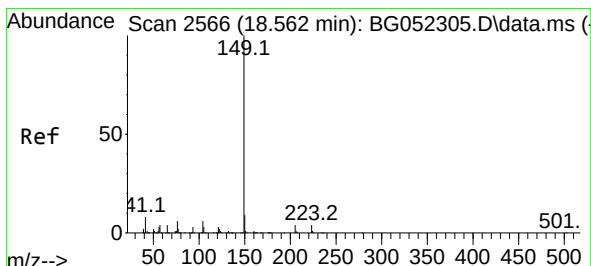
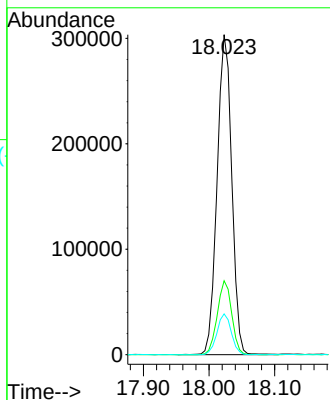
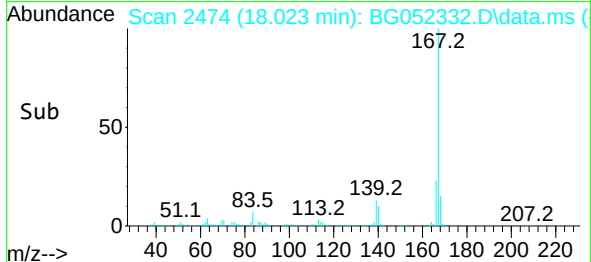
Instrument :
 BNA_G
 ClientSampleId :
 SB-5MS



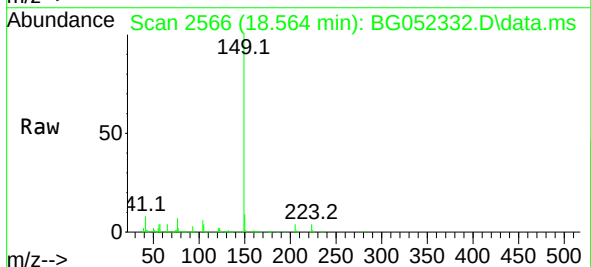
Tgt Ion:167 Resp: 46778
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 12.8 10.6 16.0

Manual Integrations
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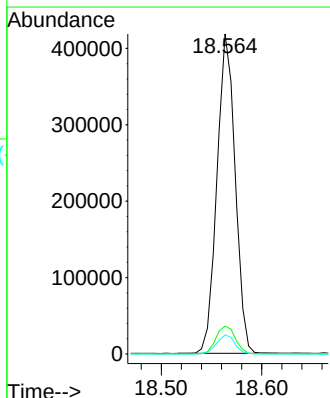
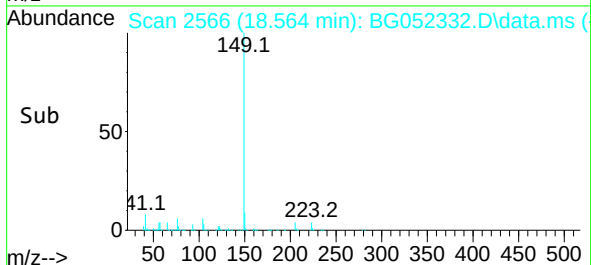
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

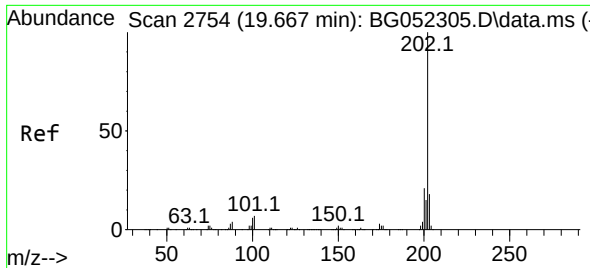


#74
 Di-n-butylphthalate
 Concen: 48.396 ng
 RT: 18.564 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15



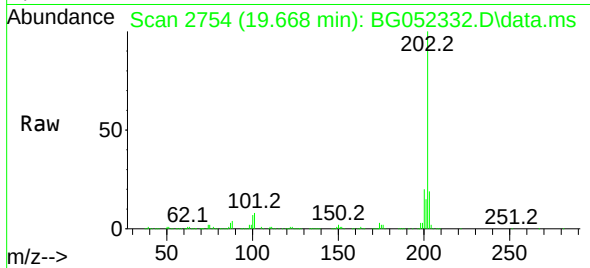
Tgt Ion:149 Resp: 526255
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 6.0 5.4 8.2





#75
Fluoranthene
Concen: 45.769 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

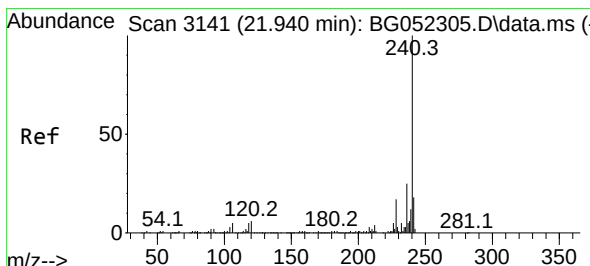
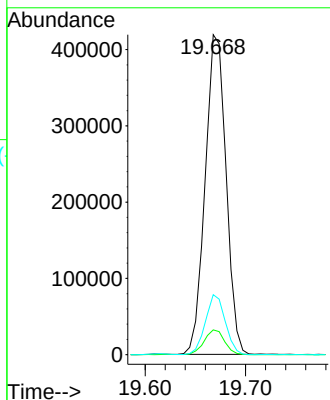
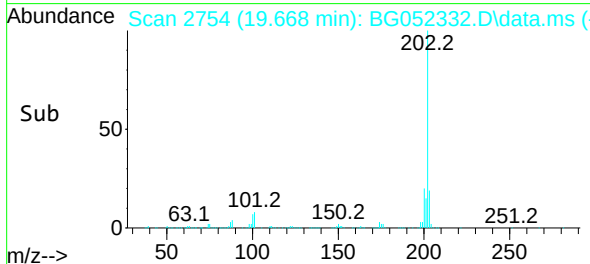
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:202 Resp: 608570
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.8 0.0 37.8

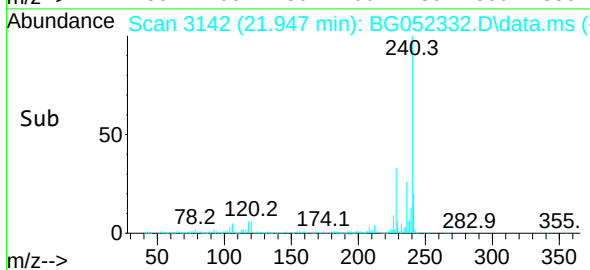
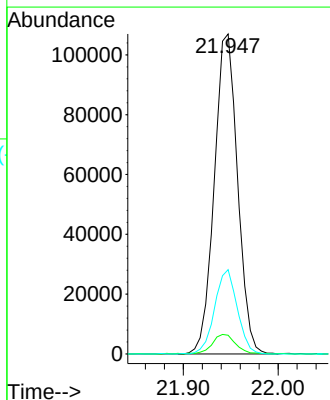
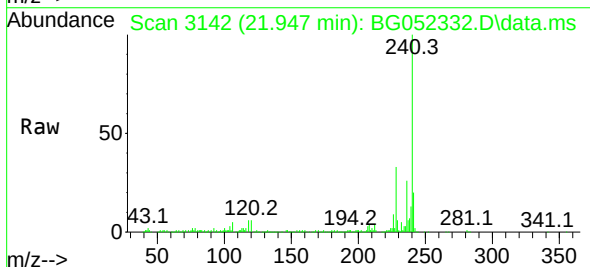
Manual Integrations
APPROVED

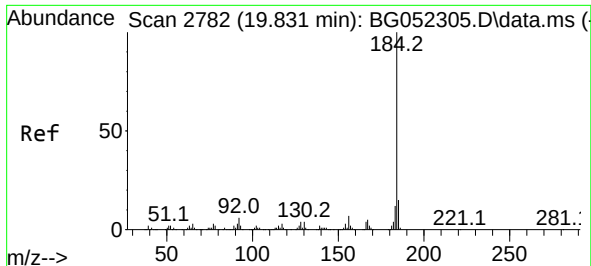
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.947 min Scan# 3142
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

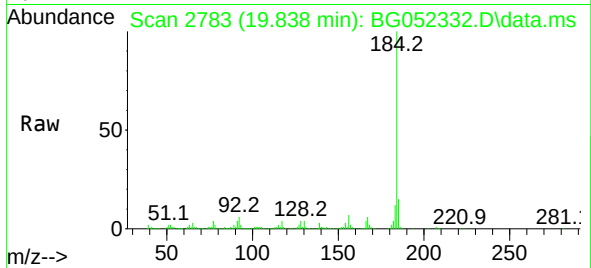
Tgt Ion:240 Resp: 182257
Ion Ratio Lower Upper
240 100
120 5.8 4.4 6.6
236 26.3 20.8 31.2





#77
Benzidine
Concen: 80.170 ng
RT: 19.838 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

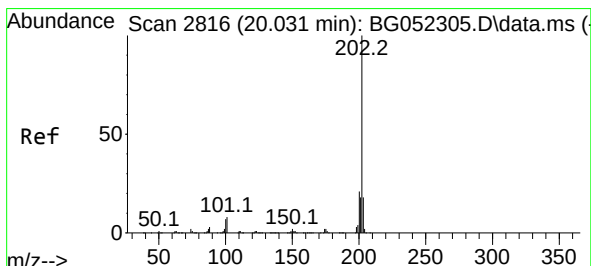
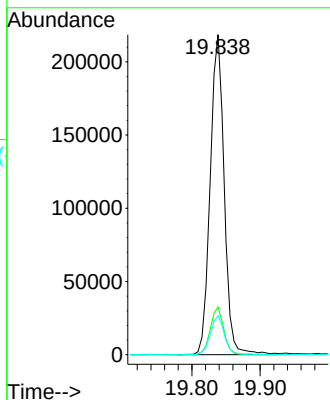
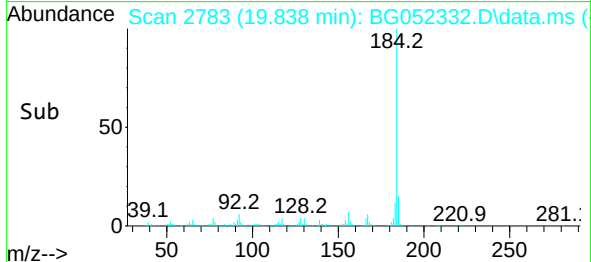
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:184 Resp: 312215
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 12.2 9.8 14.6

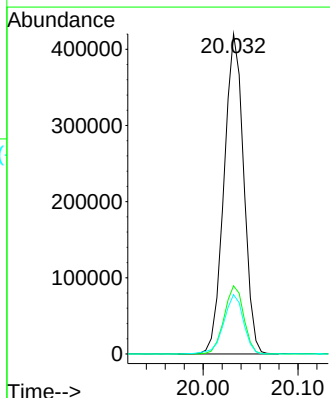
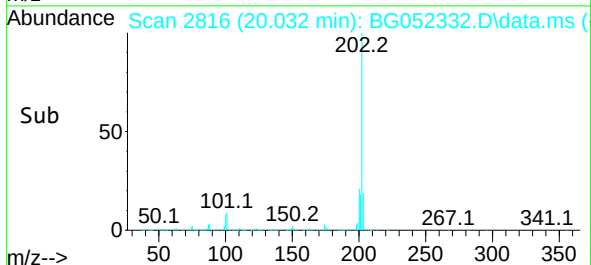
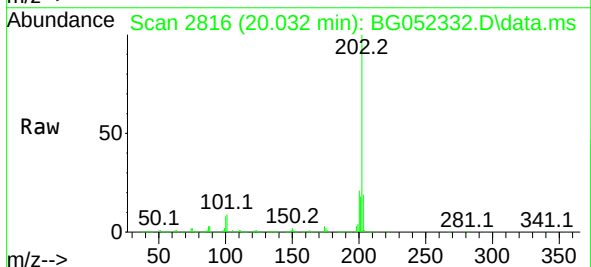
Manual Integrations
APPROVED

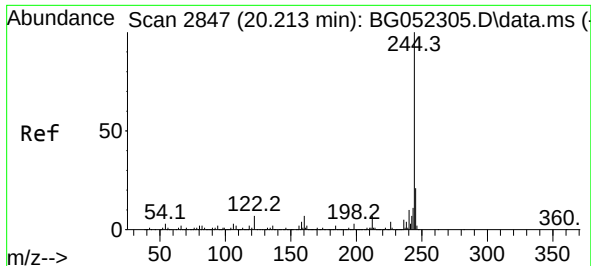
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#78
Pyrene
Concen: 49.665 ng
RT: 20.032 min Scan# 2816
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

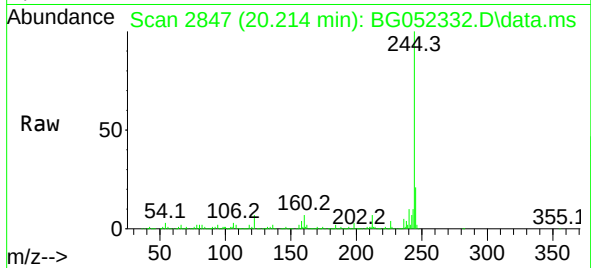
Tgt Ion:202 Resp: 605693
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 74.581 ng
 RT: 20.214 min Scan# 214
 Delta R.T. 0.001 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15

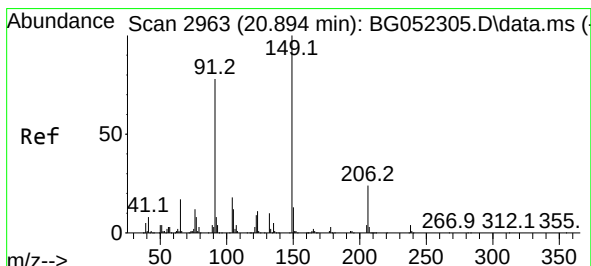
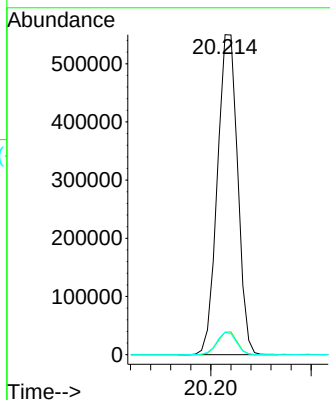
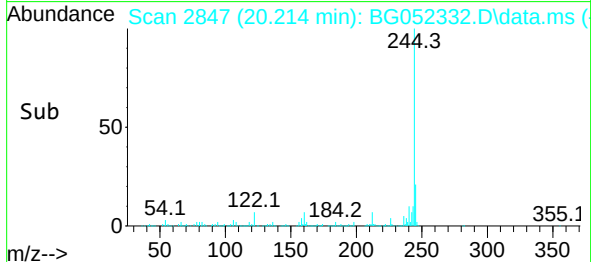
Instrument :
 BNA_G
 ClientSampleId :
 SB-5MS



Tgt Ion:244 Resp: 769760
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.0 6.2 9.4

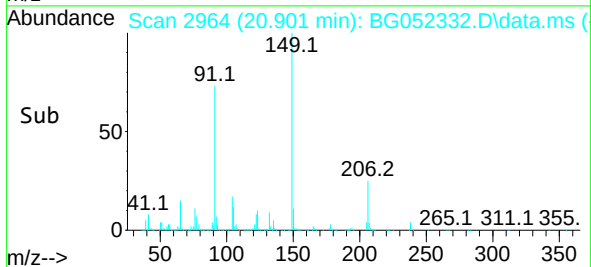
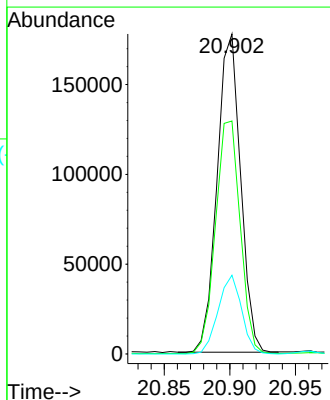
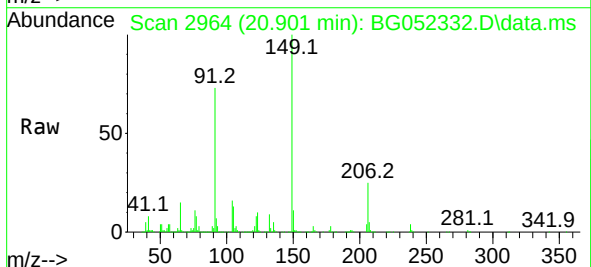
Manual Integrations
 APPROVED

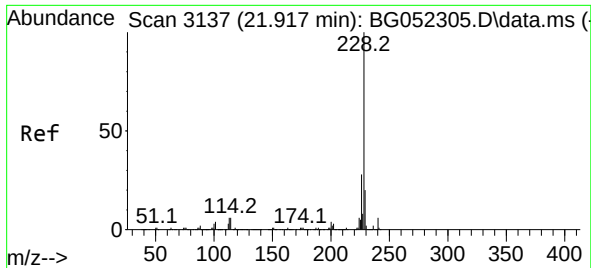
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#80
 Butylbenzylphthalate
 Concen: 52.026 ng
 RT: 20.901 min Scan# 2964
 Delta R.T. 0.007 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15

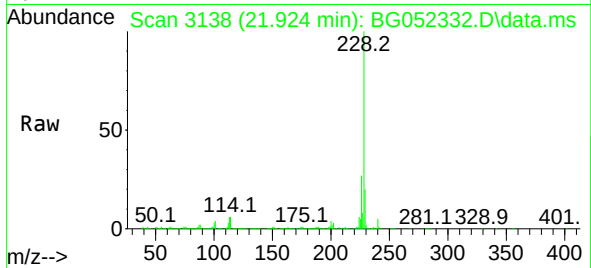
Tgt Ion:149 Resp: 220393
 Ion Ratio Lower Upper
 149 100
 91 72.8 64.0 96.0
 206 24.6 19.3 28.9





#81
Benzo(a)anthracene
Concen: 47.966 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

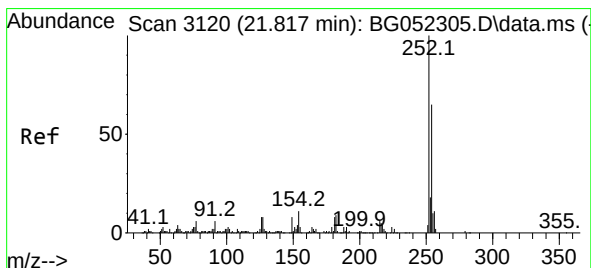
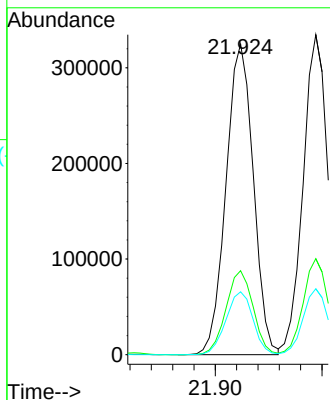
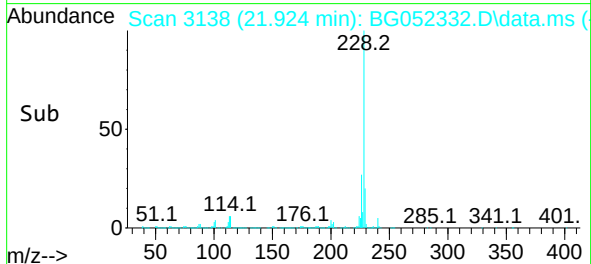
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:228 Resp: 578500
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.2 16.0 24.0

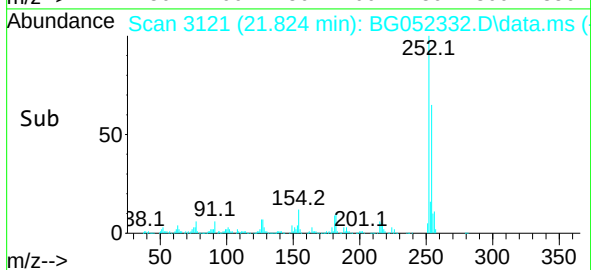
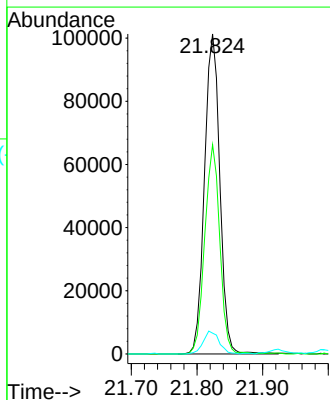
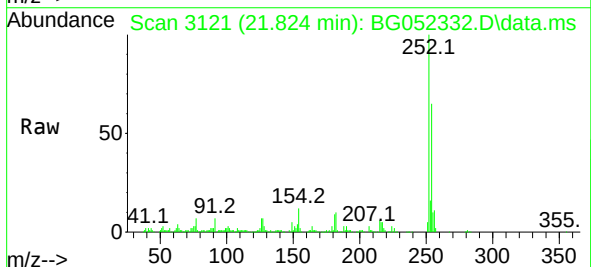
Manual Integrations
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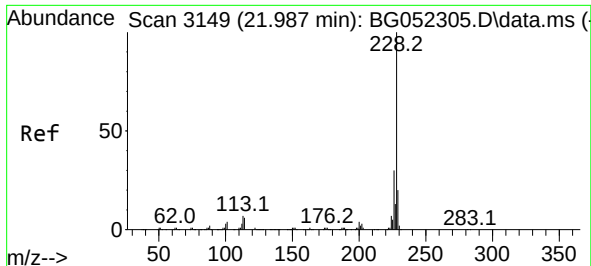
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.146 ng
RT: 21.824 min Scan# 3121
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

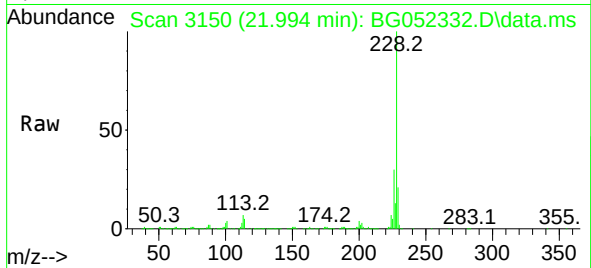
Tgt Ion:252 Resp: 164822
Ion Ratio Lower Upper
252 100
254 65.4 52.6 79.0
126 6.5 6.4 9.6





#83
Chrysene
Concen: 47.543 ng
RT: 21.994 min Scan# 3149
Delta R.T. 0.007 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

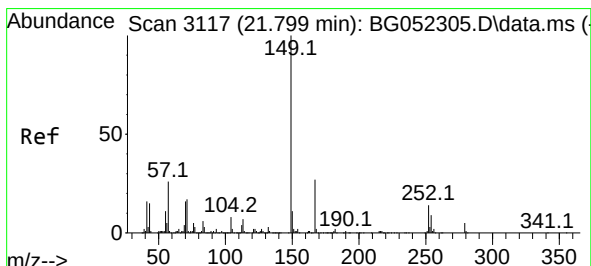
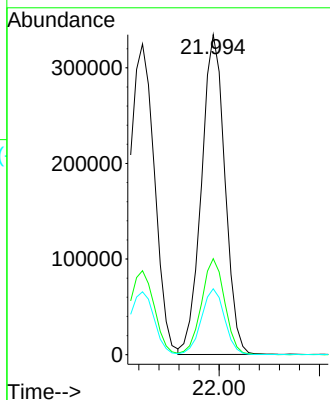
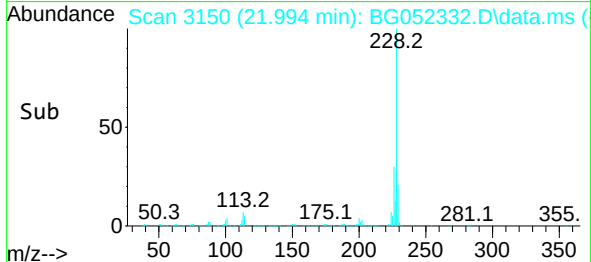
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:228 Resp: 54336
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.6 16.4 24.6

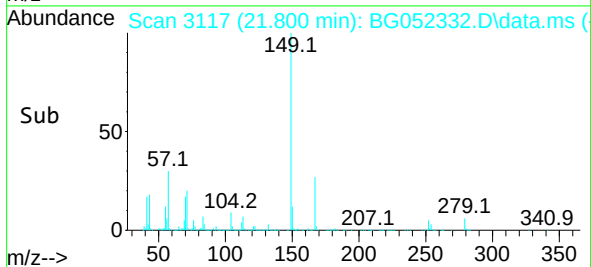
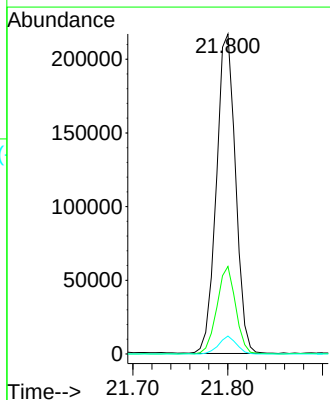
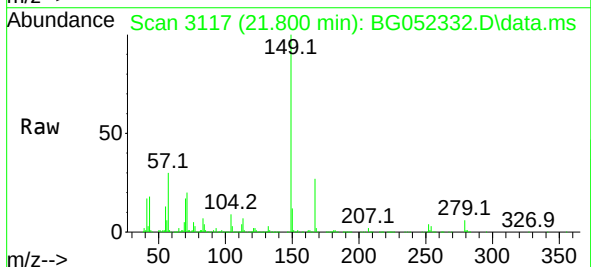
Manual Integrations
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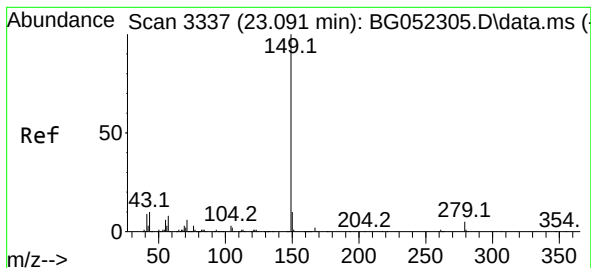
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.864 ng
RT: 21.800 min Scan# 3117
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

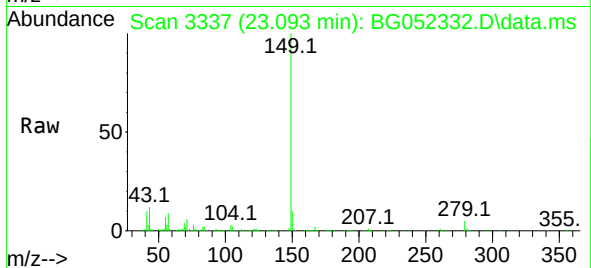
Tgt Ion:149 Resp: 304653
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 5.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 51.841 ng
RT: 23.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

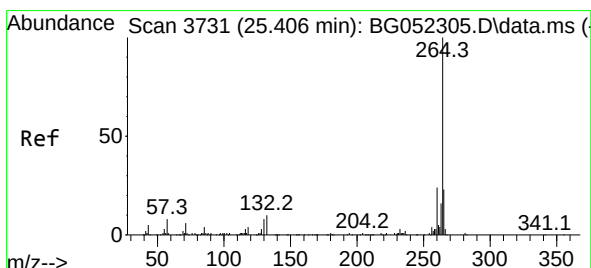
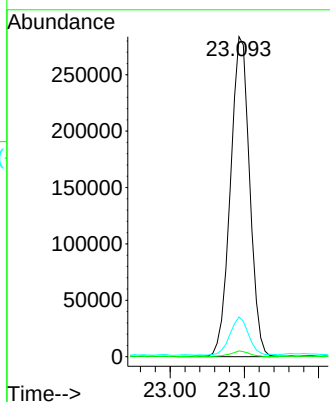
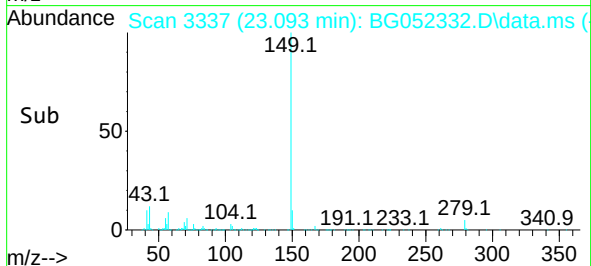
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:149 Resp: 51055
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.5 10.0 15.0

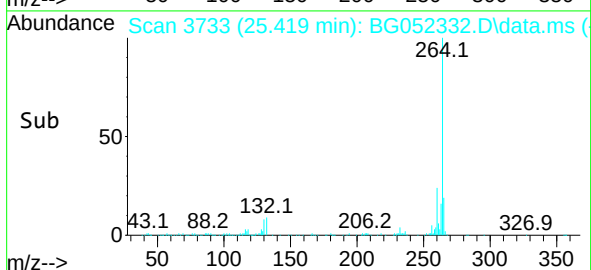
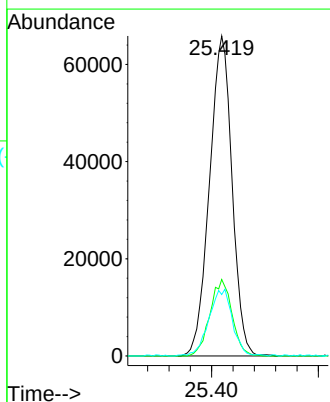
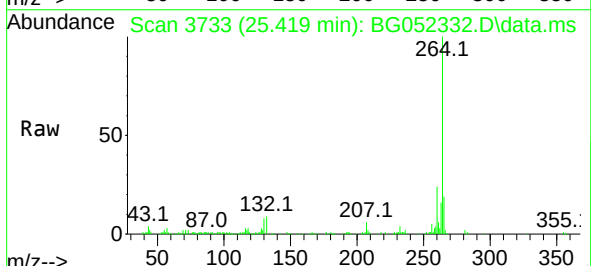
Manual Integrations
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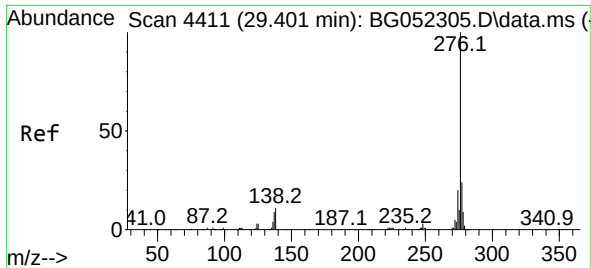
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.419 min Scan# 3733
Delta R.T. 0.013 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

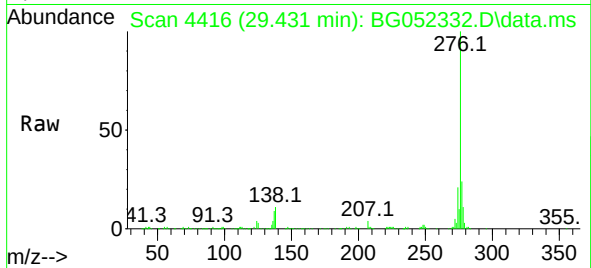
Tgt Ion:264 Resp: 193067
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 19.2 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.616 ng
 RT: 29.431 min Scan# 4411
 Delta R.T. 0.031 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15

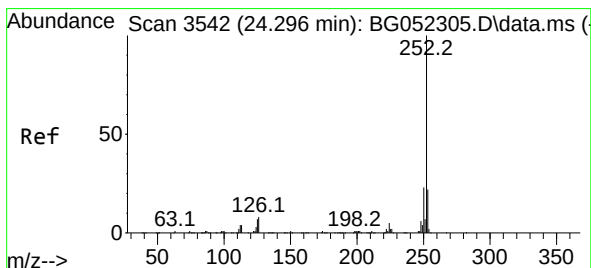
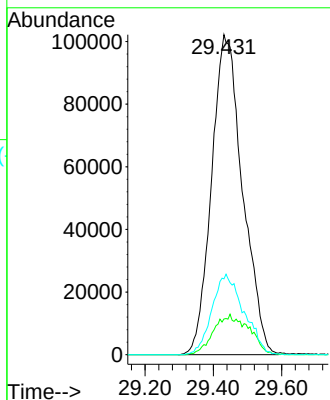
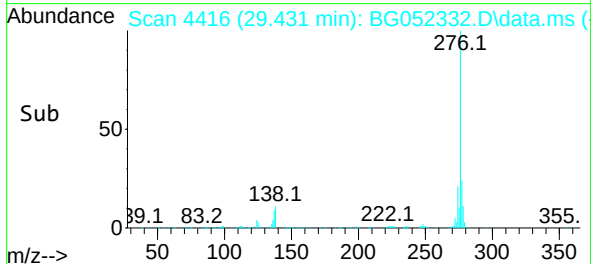
Instrument :
 BNA_G
 ClientSampleId :
 SB-5MS



Tgt Ion: 276 Resp: 64447
 Ion Ratio Lower Upper
 276 100
 138 8.1 6.1 9.1
 277 25.9 20.2 30.4

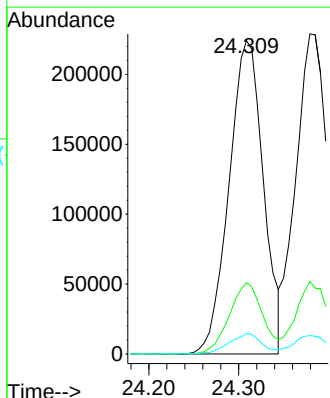
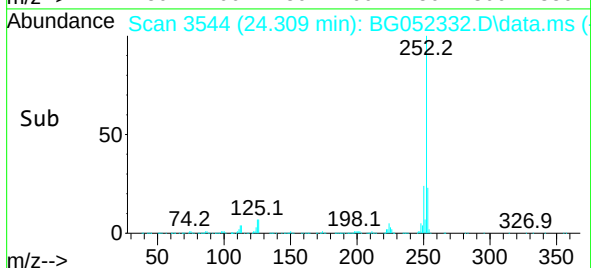
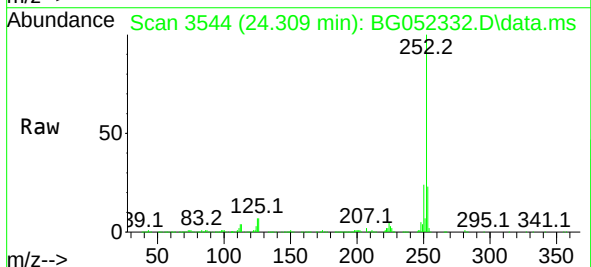
Manual Integrations
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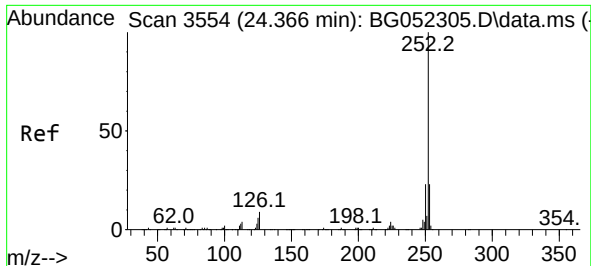
Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022



#88
 Benzo(b)fluoranthene
 Concen: 49.439 ng
 RT: 24.309 min Scan# 3544
 Delta R.T. 0.013 min
 Lab File: BG052332.D
 Acq: 9 Feb 2022 13:15

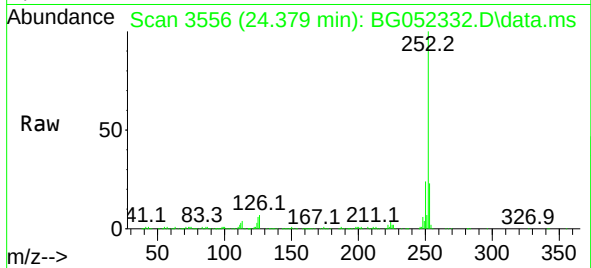
Tgt Ion: 252 Resp: 594799
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.3 27.5
 125 6.5 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 47.983 ng
RT: 24.379 min Scan# 30
Delta R.T. 0.013 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

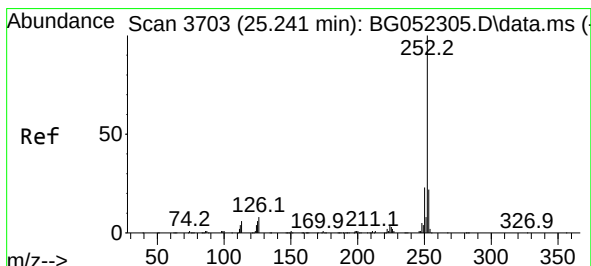
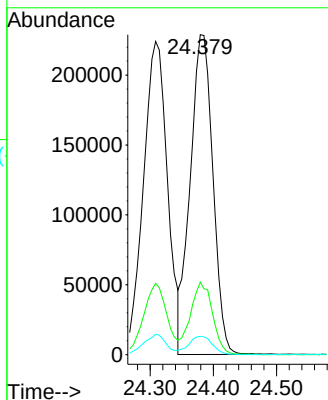
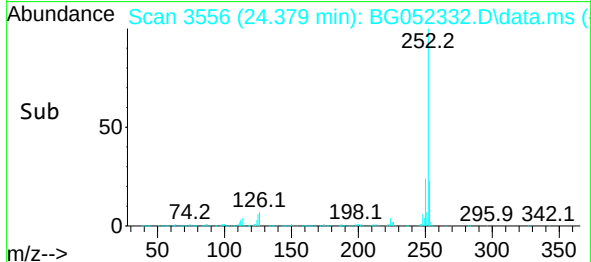
Instrument :
BNA_G
ClientSampleId :
SB-5MS



Tgt Ion:252 Resp: 570270
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 5.7 4.6 7.0

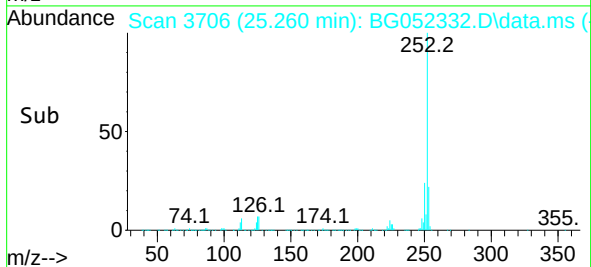
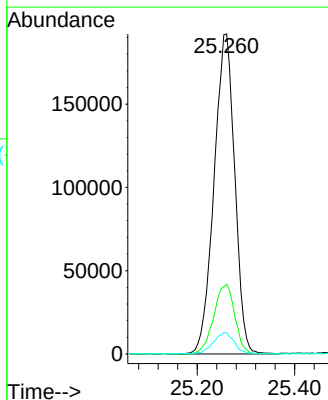
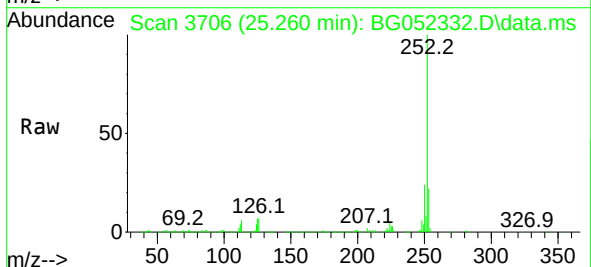
Manual Integrations
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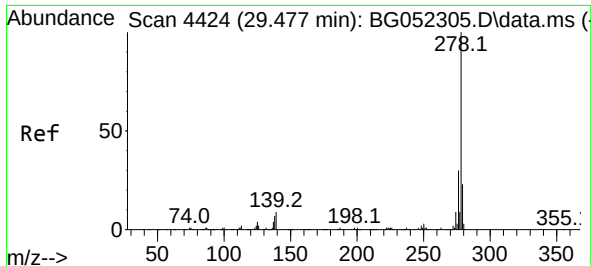
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#90
Benzo(a)pyrene
Concen: 55.730 ng
RT: 25.260 min Scan# 3706
Delta R.T. 0.019 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

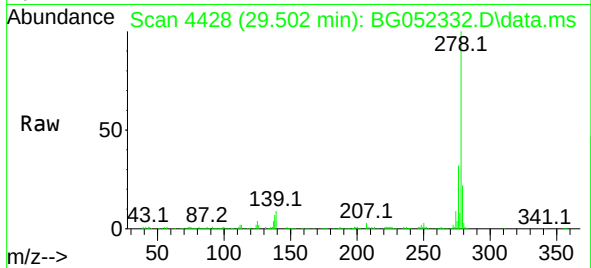
Tgt Ion:252 Resp: 566391
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 6.6 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 48.127 ng
RT: 29.502 min Scan# 4424
Delta R.T. 0.025 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15

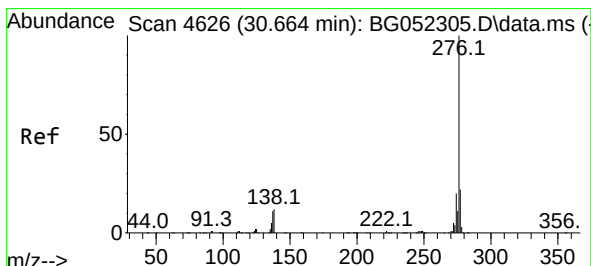
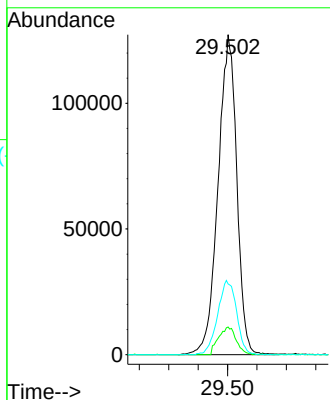
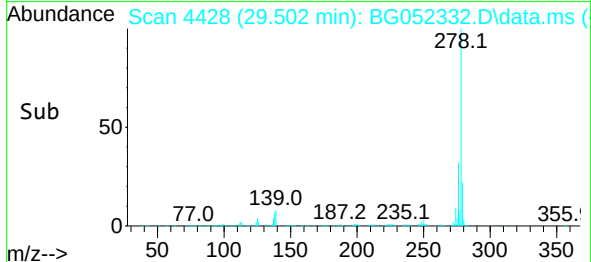
Instrument :
BNA_G
ClientSampleId :
SB-5MS



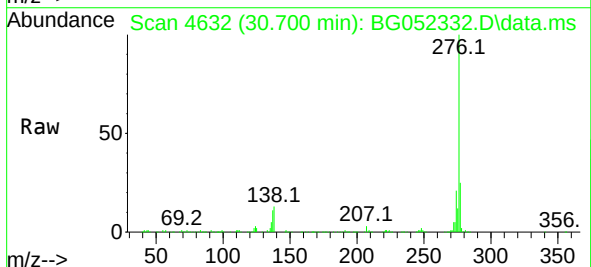
Tgt Ion:278 Resp: 561689
Ion Ratio Lower Upper
278 100
139 8.6 6.4 9.6
279 22.1 20.1 30.1

Manual Integrations
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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#92
Benzo(g,h,i)perylene
Concen: 47.918 ng
RT: 30.700 min Scan# 4632
Delta R.T. 0.036 min
Lab File: BG052332.D
Acq: 9 Feb 2022 13:15



Tgt Ion:276 Resp: 548850
Ion Ratio Lower Upper
276 100
277 24.5 18.2 27.2
138 12.6 9.1 13.7

