

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052333.D
 Acq On : 9 Feb 2022 13:54
 Operator : CG/JU
 Sample : N1421-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 14:36:28 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	8.228	152	26122	20.000	ng	0.00
21) Naphthalene-d8	11.071	136	109470	20.000	ng	# 0.00
39) Acenaphthene-d10	14.878	164	83232	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	208652	20.000	ng	0.00
76) Chrysene-d12	21.944	240	192741	20.000	ng	0.00
86) Perylene-d12	25.416	264	193106	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	192655	128.540	ng	0.01
7) Phenol-d6	7.376	99	282989	122.370	ng	0.00
23) Nitrobenzene-d5	9.403	82	186314	73.969	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	150024	125.463	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	428113	71.472	ng	0.00
79) Terphenyl-d14	20.217	244	784176	71.845	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	24346	35.277	ng	97
3) Pyridine	3.992	79	65170	32.559	ng	92
4) n-Nitrosodimethylamine	3.904	42	44526	43.081	ng	84
6) Aniline	7.535	93	122917	45.750	ng	95
8) 2-Chlorophenol	7.787	128	86911	52.712	ng	94
9) Benzaldehyde	7.347	77	59679	48.448	ng	92
10) Phenol	7.405	94	124552	54.206	ng	96
11) bis(2-Chloroethyl)ether	7.629	93	78774	44.852	ng	93
12) 1,3-Dichlorobenzene	8.122	146	87837	46.757	ng	97
13) 1,4-Dichlorobenzene	8.263	146	90745	47.384	ng	98
14) 1,2-Dichlorobenzene	8.586	146	86706	45.907	ng	95
15) Benzyl Alcohol	8.463	79	94304	49.135	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.756	45	110924	43.737	ng	97
17) 2-Methylphenol	8.668	107	79087	52.161	ng	93
18) Hexachloroethane	9.332	117	31456	47.238	ng	86
19) n-Nitroso-di-n-propyla...	9.033	70	78694	45.138	ng	91
20) 3+4-Methylphenols	9.003	107	109738	50.589	ng	97
22) Acetophenone	9.056	105	132700	45.866	ng	# 95
24) Nitrobenzene	9.444	77	111453	46.647	ng	95
25) Isophorone	9.972	82	212113	49.493	ng	99
26) 2-Nitrophenol	10.166	139	51480	50.834	ng	90
27) 2,4-Dimethylphenol	10.219	122	88949	59.323	ng	93
28) bis(2-Chloroethoxy)met...	10.448	93	112697	46.335	ng	99
29) 2,4-Dichlorophenol	10.713	162	94197	52.412	ng	94
30) 1,2,4-Trichlorobenzene	10.930	180	96295	45.884	ng	98
31) Naphthalene	11.124	128	268672	46.816	ng	96
32) Benzoic acid	10.366	122	57647	58.034	ng	93
33) 4-Chloroaniline	11.218	127	87991	36.724	ng	96
34) Hexachlorobutadiene	11.406	225	62831	44.331	ng	98
35) Caprolactam	12.046	113	12408	18.945	ng	87
36) 4-Chloro-3-methylphenol	12.340	107	112506	55.024	ng	96
37) 2-Methylnaphthalene	12.716	142	209708	49.198	ng	98
38) 1-Methylnaphthalene	12.933	142	197114	47.723	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.080	216	123647	45.166	ng	99
41) Hexachlorocyclopentadiene	13.062	237	141568	105.558	ng	99
43) 2,4,6-Trichlorophenol	13.315	196	89880	50.200	ng	93

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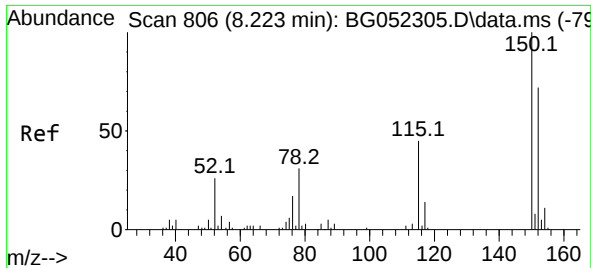
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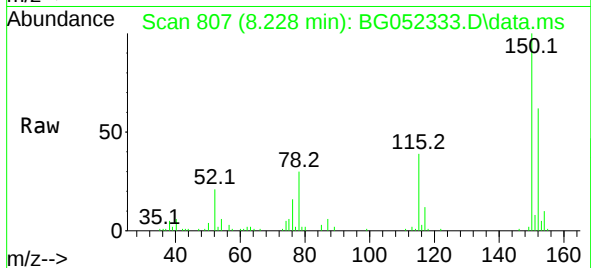
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.391	196	97752	50.380	ng	96
46) 1,1'-Biphenyl	13.709	154	284957	46.689	ng	99
47) 2-Chloronaphthalene	13.756	162	216615	46.067	ng	99
48) 2-Nitroaniline	13.949	65	86008	51.377	ng	93
49) Acenaphthylene	14.601	152	377918	49.373	ng	99
50) Dimethylphthalate	14.314	163	303457	47.593	ng	99
51) 2,6-Dinitrotoluene	14.437	165	69701	50.658	ng	90
52) Acenaphthene	14.942	154	275353m	54.929	ng	
53) 3-Nitroaniline	14.772	138	55956	39.126	ng	98
54) 2,4-Dinitrophenol	14.983	184	93105	107.477	ng	95
55) Dibenzofuran	15.271	168	359104	45.551	ng	98
56) 4-Nitrophenol	15.083	139	122727	114.269	ng	86
57) 2,4-Dinitrotoluene	15.230	165	102655	52.420	ng	# 85
58) Fluorene	15.923	166	307642	48.883	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.500	232	93161	50.260	ng	99
60) Diethylphthalate	15.671	149	318624	49.469	ng	99
61) 4-Chlorophenyl-phenyle...	15.906	204	165056	46.041	ng	99
62) 4-Nitroaniline	15.935	138	75972	50.460	ng	87
63) Azobenzene	16.199	77	309200	46.893	ng	94
65) 4,6-Dinitro-2-methylph...	16.000	198	63838	50.860	ng	90
66) n-Nitrosodiphenylamine	16.117	169	276572	48.109	ng	98
67) 4-Bromophenyl-phenylether	16.804	248	115537	45.533	ng	96
68) Hexachlorobenzene	16.934	284	126236	45.869	ng	93
69) Atrazine	17.063	200	120894	52.015	ng	96
70) Pentachlorophenol	17.274	266	151478	112.506	ng	98
71) Phenanthrene	17.668	178	506315	47.072	ng	96
72) Anthracene	17.762	178	515410	48.899	ng	100
73) Carbazole	18.026	167	474997	46.205	ng	98
74) Di-n-butylphthalate	18.567	149	546342	48.778	ng	99
75) Fluoranthene	19.671	202	629582	45.968	ng	99
77) Benzidine	19.836	184	319686	77.623	ng	99
78) Pyrene	20.029	202	634699	49.213	ng	99
80) Butylbenzylphthalate	20.899	149	226792	50.624	ng	98
81) Benzo(a)anthracene	21.921	228	596348	46.756	ng	99
82) 3,3'-Dichlorobenzidine	21.821	252	169054	37.967	ng	98
83) Chrysene	21.991	228	557839	46.155	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	311736	50.183	ng	98
85) Di-n-octyl phthalate	23.096	149	521483	50.071	ng	97
87) Indeno(1,2,3-cd)pyrene	29.434	276	660350	46.730	ng	# 98
88) Benzo(b)fluoranthene	24.312	252	622910	51.765	ng	98
89) Benzo(k)fluoranthene	24.382	252	572452	48.156	ng	99
90) Benzo(a)pyrene	25.258	252	584480	57.499	ng	99
91) Dibenzo(a,h)anthracene	29.493	278	566608	48.538	ng	97
92) Benzo(g,h,i)perylene	30.686	276	561933	49.050	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

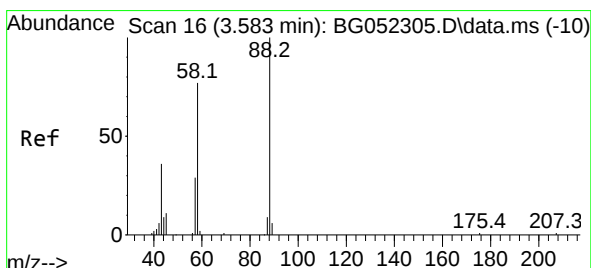
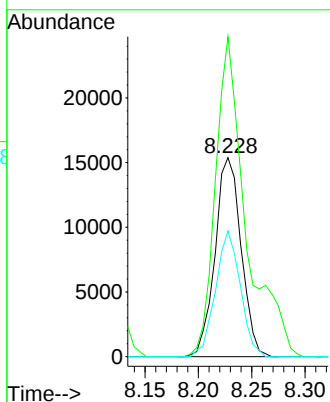
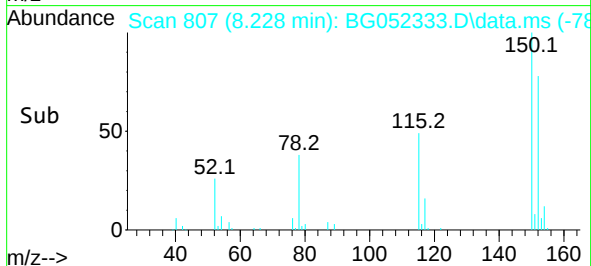
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ClientSampleId :
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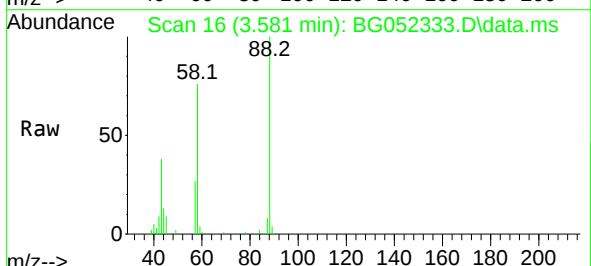
Tgt Ion:152 Resp: 2612
Ion Ratio Lower Upper
152 100
150 160.7 117.8 176.8
115 63.2 50.2 75.2

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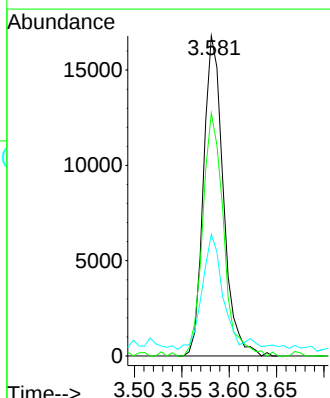
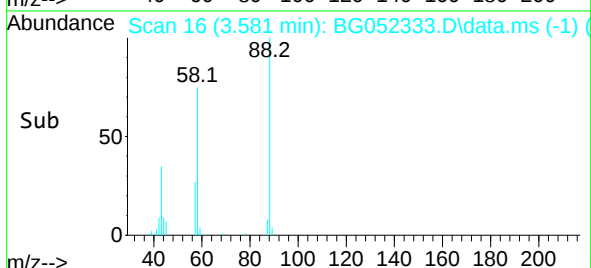
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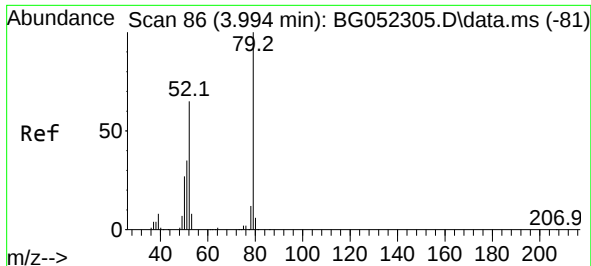


#2
1,4-Dioxane
Concen: 35.277 ng
RT: 3.581 min Scan# 16
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



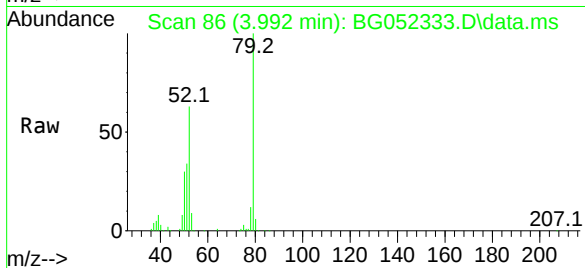
Tgt Ion: 88 Resp: 24346
Ion Ratio Lower Upper
88 100
58 80.0 65.8 98.8
43 37.1 31.6 47.4





#3
Pyridine
Concen: 32.559 ng
RT: 3.992 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

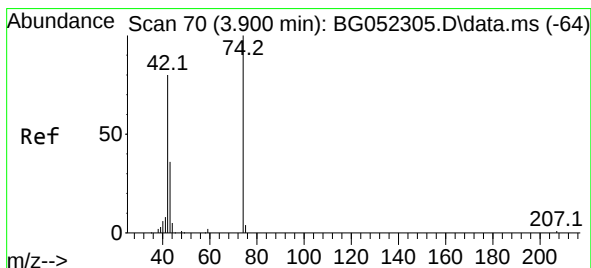
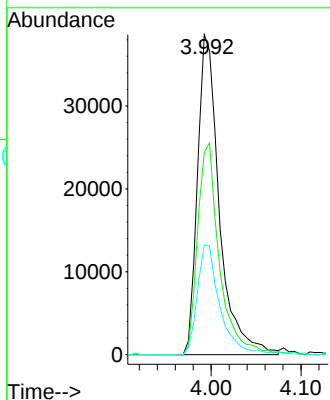
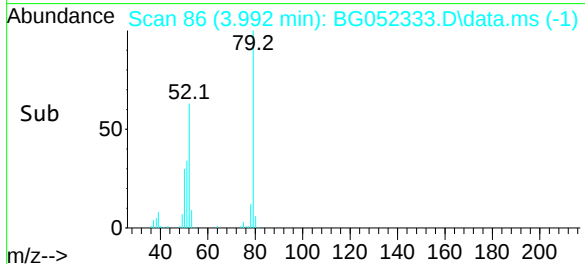
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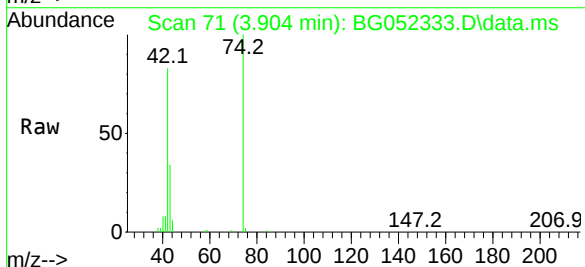
Tgt Ion: 79 Resp: 65170
Ion Ratio Lower Upper
79 100
52 63.1 55.0 82.6
51 34.3 32.5 48.7

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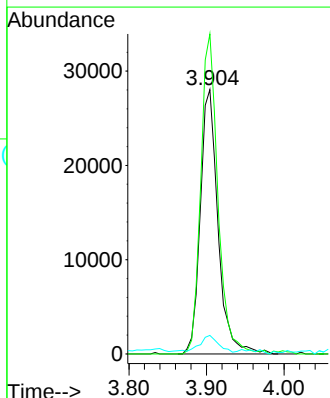
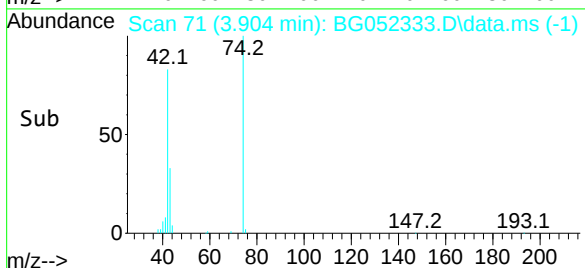
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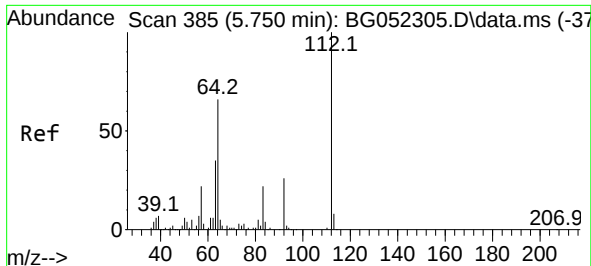


#4
n-Nitrosodimethylamine
Concen: 43.081 ng
RT: 3.904 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



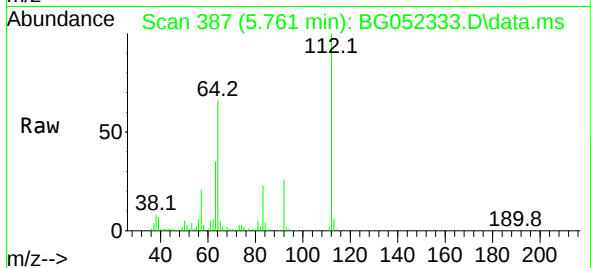
Tgt Ion: 42 Resp: 44526
Ion Ratio Lower Upper
42 100
74 121.1 83.0 124.4
44 7.0 5.0 7.6





#5
2-Fluorophenol
Concen: 128.540 ng
RT: 5.761 min Scan# 385
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

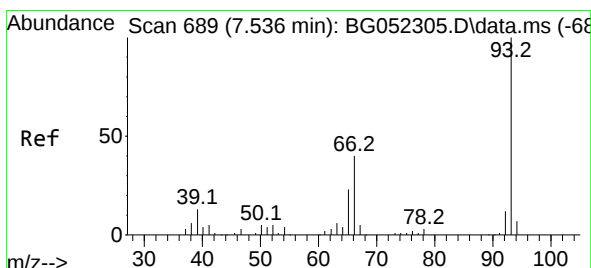
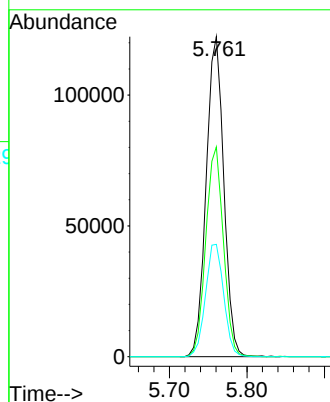
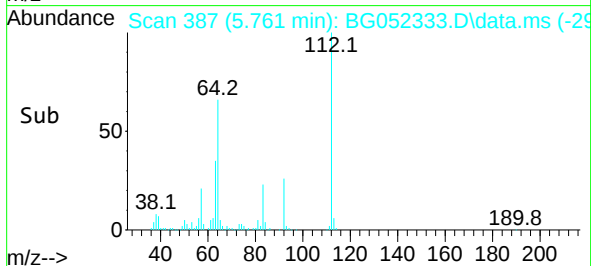
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Tgt Ion:112 Resp: 19265
Ion Ratio Lower Upper
112 100
64 65.6 60.4 90.6
63 35.1 33.3 49.9

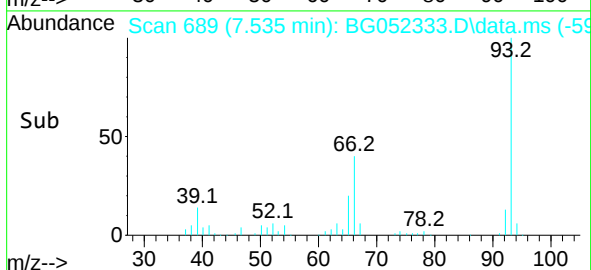
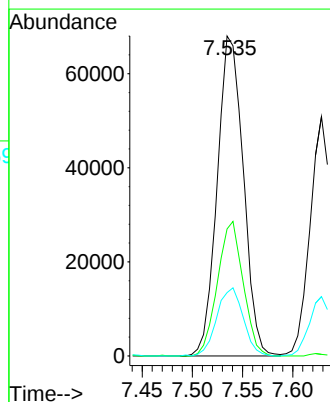
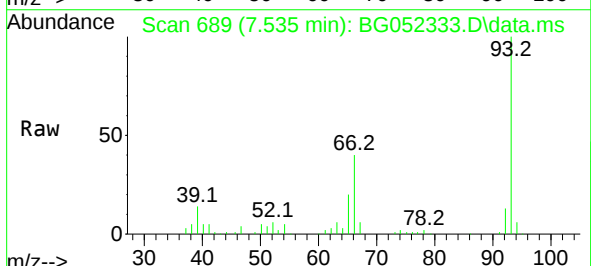
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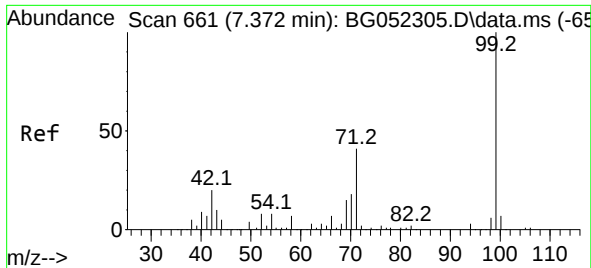
Reviewed By :Christian Giraldo 02/10/2022
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#6
Aniline
Concen: 45.750 ng
RT: 7.535 min Scan# 689
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

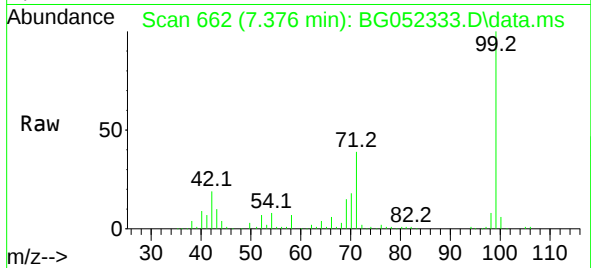
Tgt Ion: 93 Resp: 122917
Ion Ratio Lower Upper
93 100
66 39.7 34.3 51.5
65 19.8 17.6 26.4





#7
Phenol-d6
Concen: 122.370 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

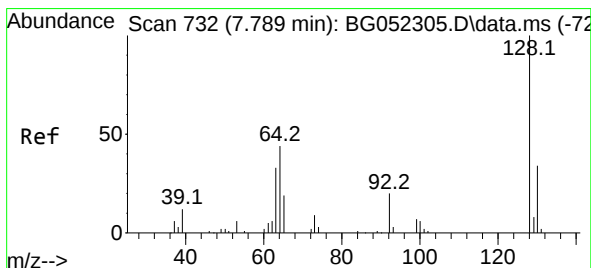
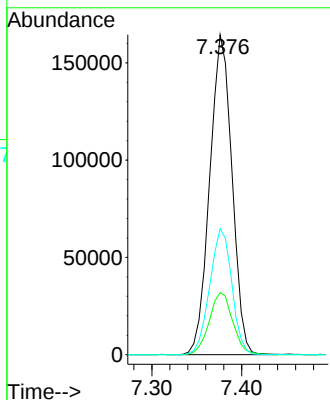
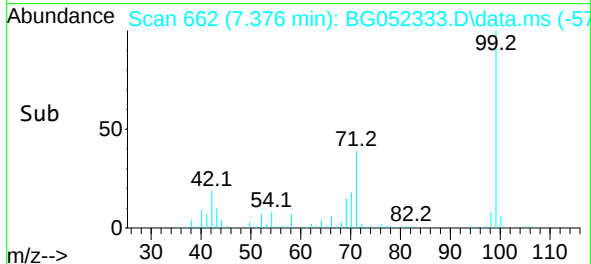
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Tgt Ion: 99 Resp: 282989
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 39.4 33.4 50.2

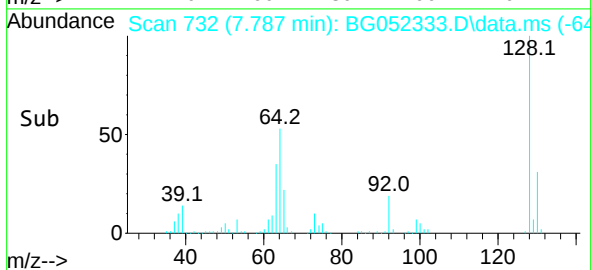
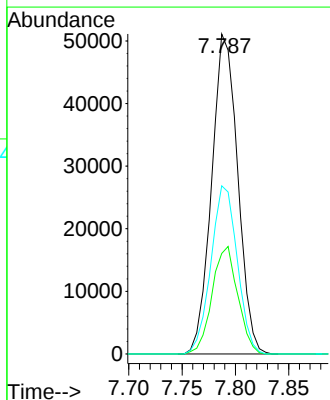
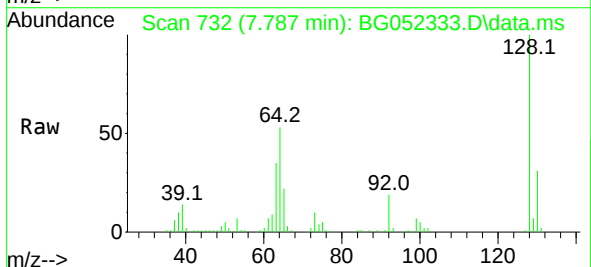
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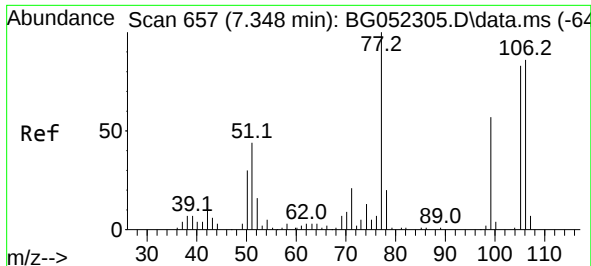
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#8
2-Chlorophenol
Concen: 52.712 ng
RT: 7.787 min Scan# 732
Delta R.T. -0.002 min
Lab File: BG052333.D
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Tgt Ion:128 Resp: 86911
Ion Ratio Lower Upper
128 100
130 31.4 13.6 53.6
64 52.6 37.8 77.8





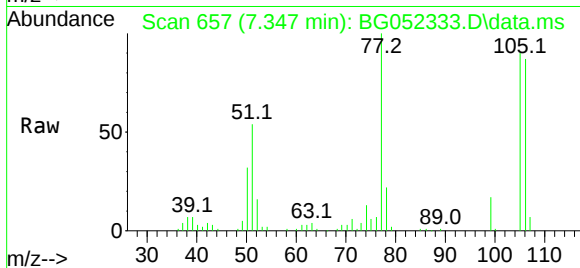
#9
Benzaldehyde
Concen: 48.448 ng
RT: 7.347 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

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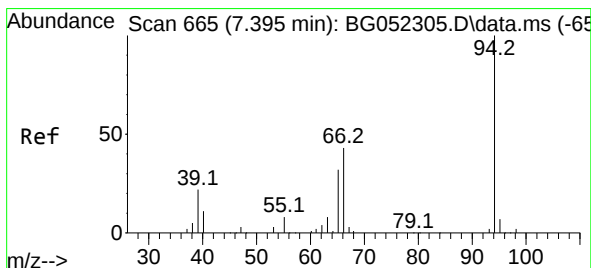
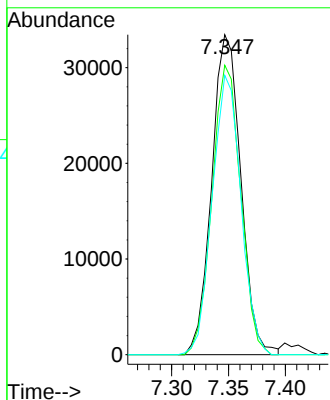
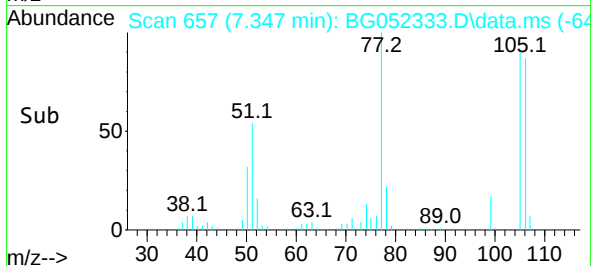


Tgt Ion: 77 Resp: 59679
Ion Ratio Lower Upper
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105 90.4 66.1 106.1
106 87.3 58.1 98.1

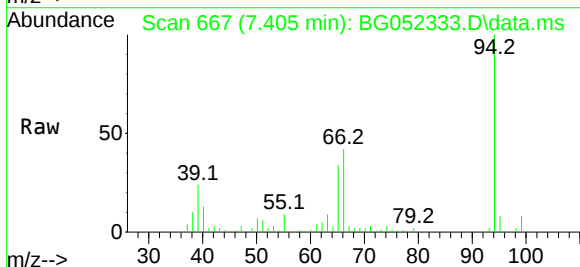
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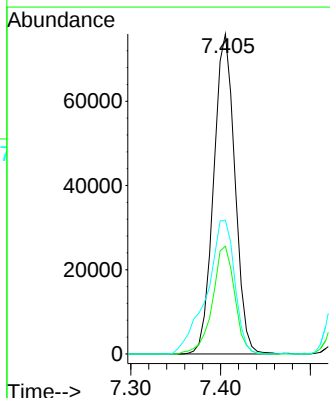
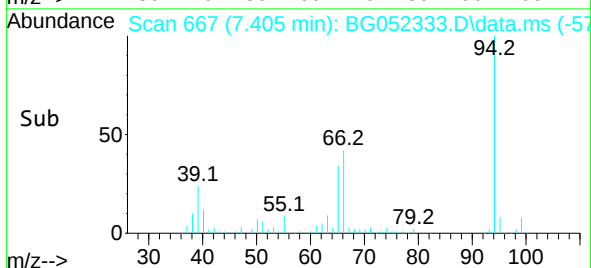
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

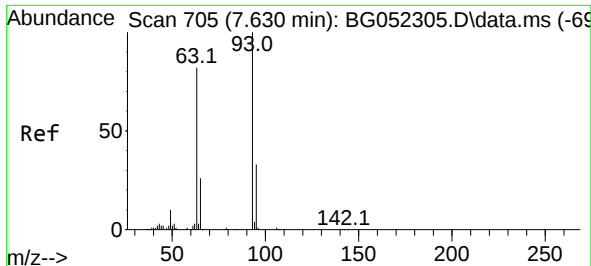


#10
Phenol
Concen: 54.206 ng
RT: 7.405 min Scan# 667
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



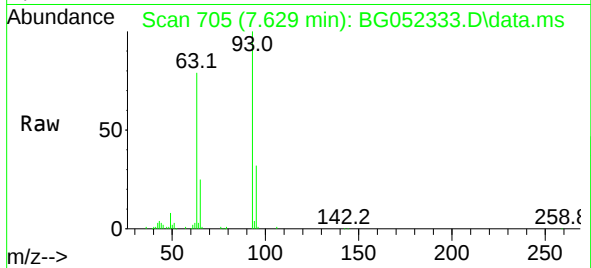
Tgt Ion: 94 Resp: 124552
Ion Ratio Lower Upper
94 100
65 33.7 14.1 54.1
66 41.8 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 44.852 ng
RT: 7.629 min Scan# 705
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

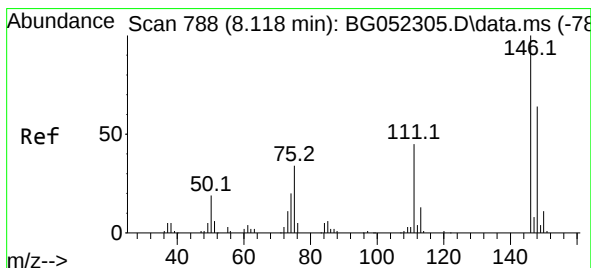
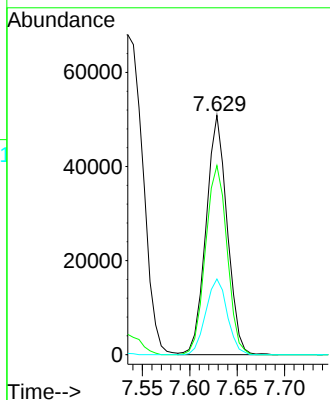
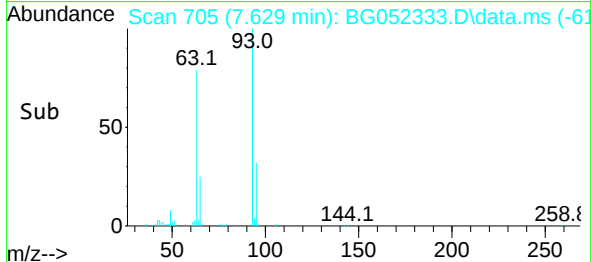
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



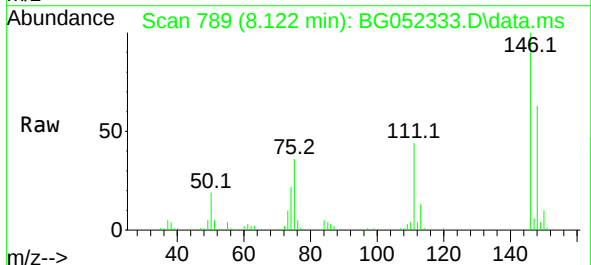
Tgt Ion: 93 Resp: 78774
Ion Ratio Lower Upper
93 100
63 79.0 67.1 107.1
95 31.6 13.0 53.0

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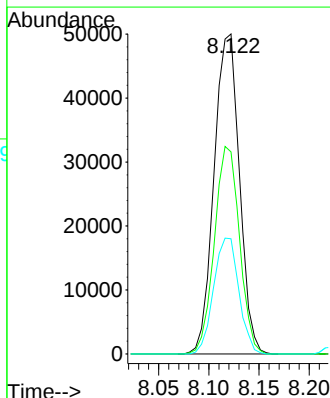
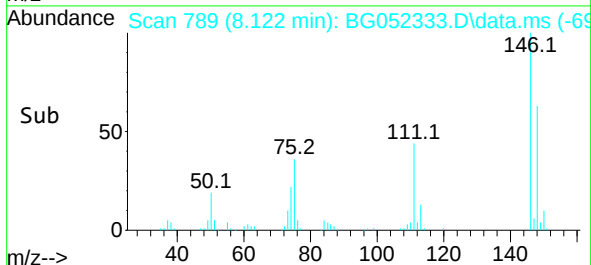
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

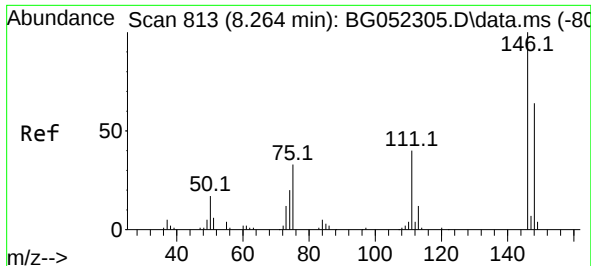


#12
1,3-Dichlorobenzene
Concen: 46.757 ng
RT: 8.122 min Scan# 789
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:146 Resp: 87837
Ion Ratio Lower Upper
146 100
148 63.1 49.1 73.7
75 36.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 47.384 ng

RT: 8.263 min Scan# 813

Delta R.T. -0.001 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

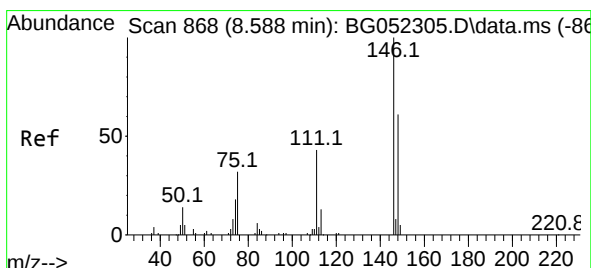
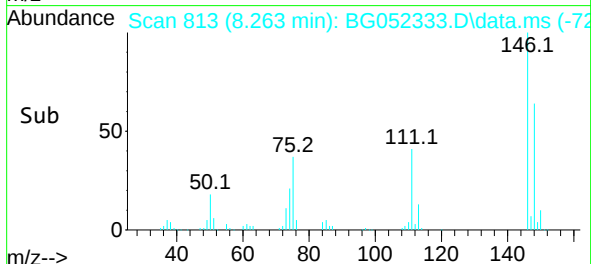
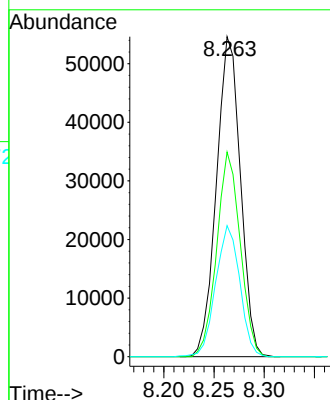
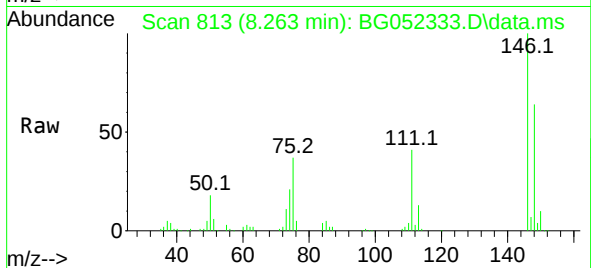
Tgt Ion:146 Resp: 90745
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 78.8
 111 41.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#14

1,2-Dichlorobenzene

Concen: 45.907 ng

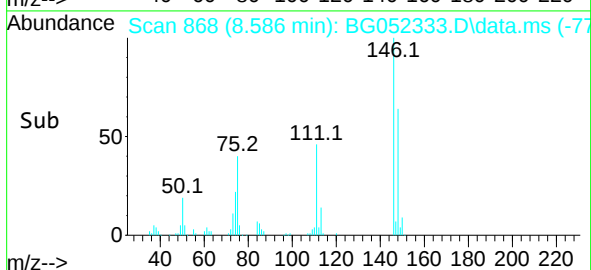
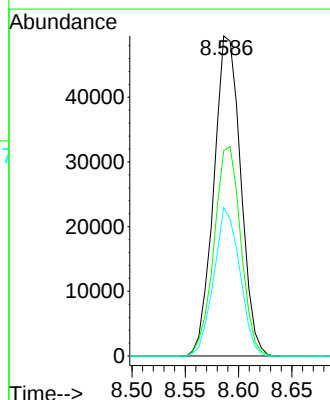
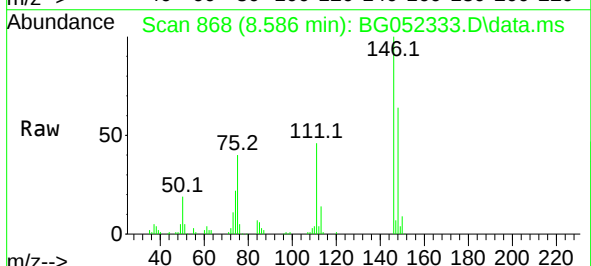
RT: 8.586 min Scan# 868

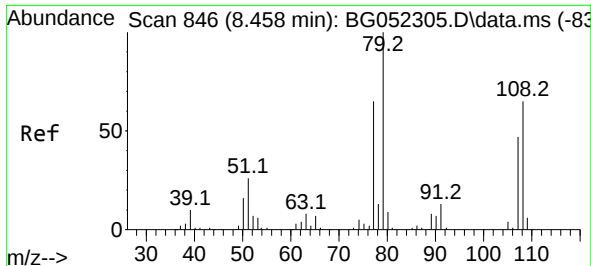
Delta R.T. -0.001 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

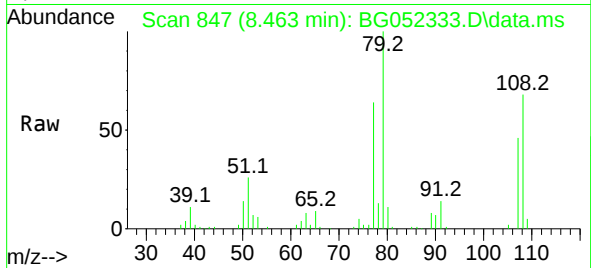
Tgt Ion:146 Resp: 86706
 Ion Ratio Lower Upper
 146 100
 148 64.2 46.5 69.7
 111 46.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 49.135 ng
RT: 8.463 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

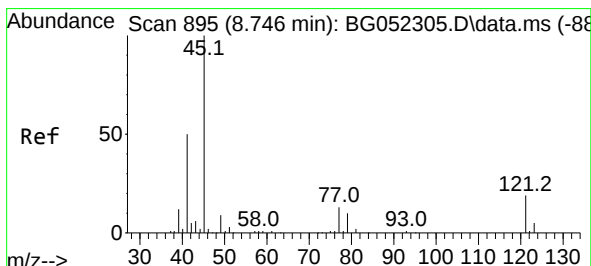
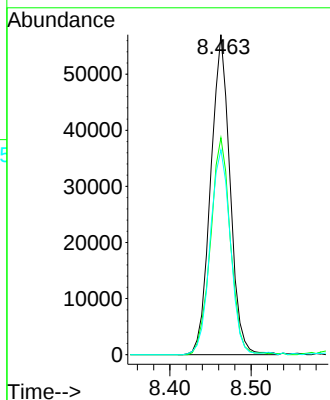
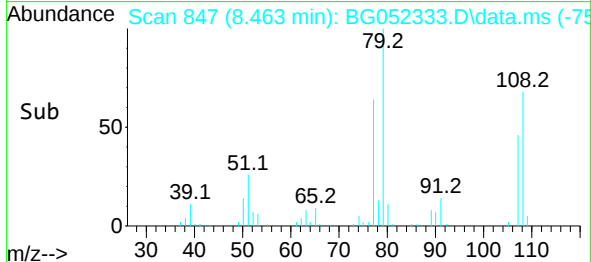
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



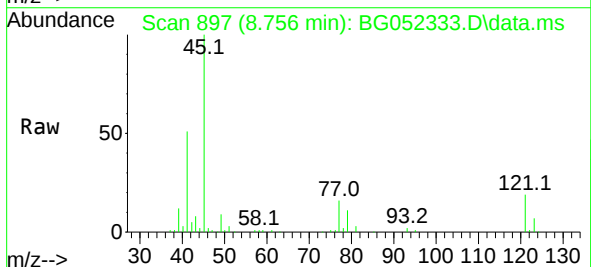
Tgt Ion: 79 Resp: 94304
Ion Ratio Lower Upper
79 100
108 67.8 53.8 80.6
77 64.0 54.4 81.6

Manual Integrations
APPROVED

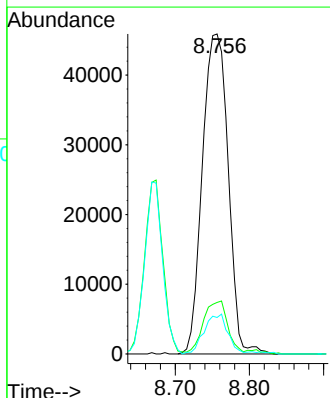
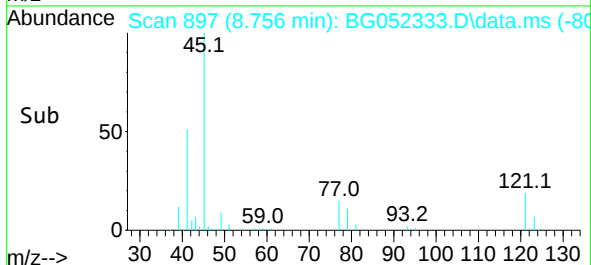
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

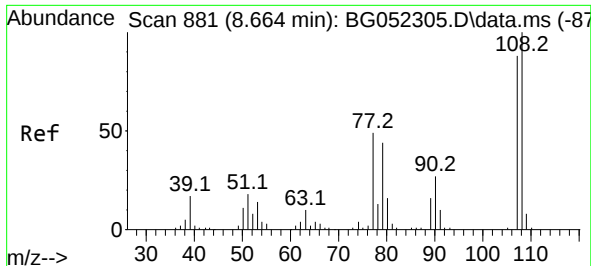


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.737 ng
RT: 8.756 min Scan# 897
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



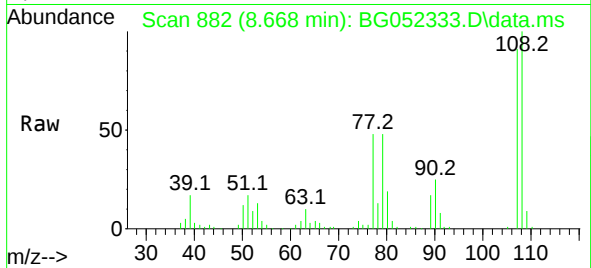
Tgt Ion: 45 Resp: 110924
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.8
79 11.4 0.0 31.1





#17
2-Methylphenol
Concen: 52.161 ng
RT: 8.668 min Scan# 881
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

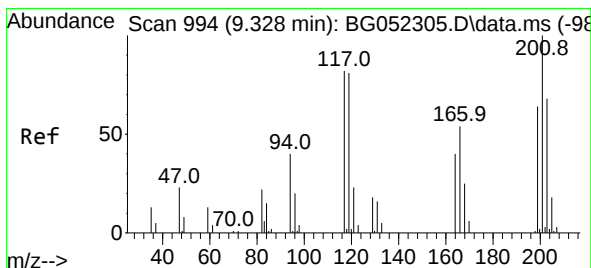
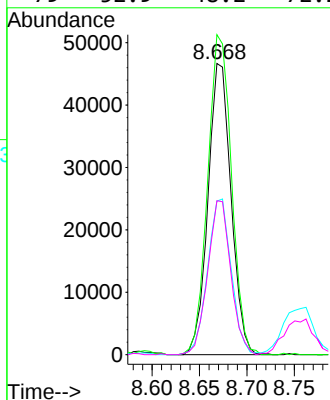
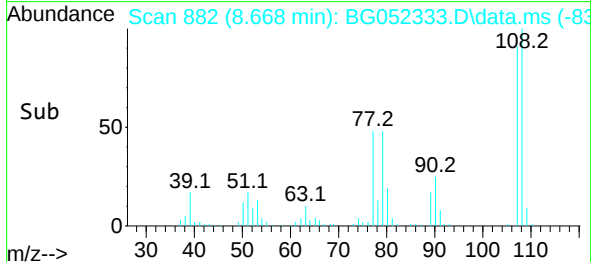
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



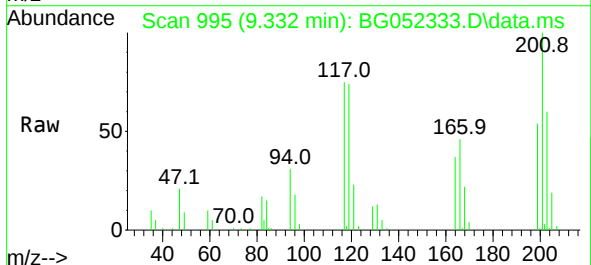
Tgt Ion:107 Resp: 7908
Ion Ratio Lower Upper
107 100
108 109.9 90.3 135.5
77 52.7 49.0 73.6
79 52.9 48.2 72.2

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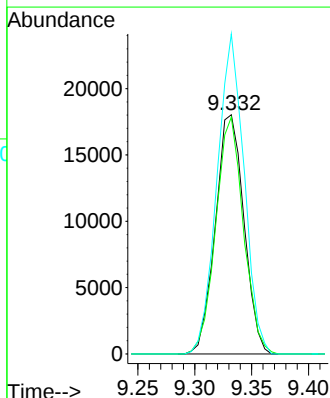
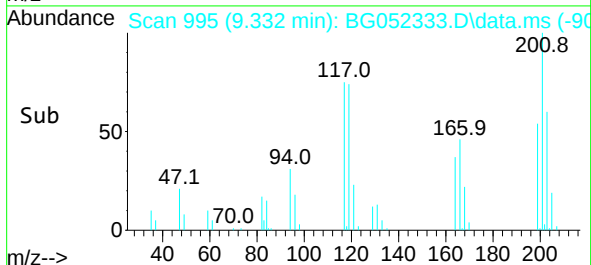
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

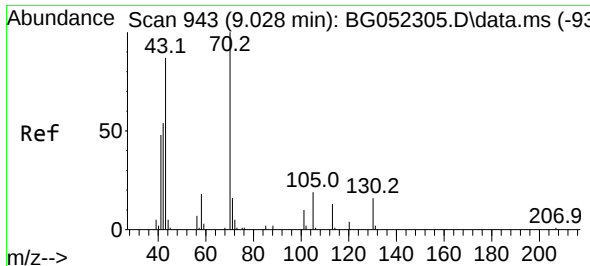


#18
Hexachloroethane
Concen: 47.238 ng
RT: 9.332 min Scan# 995
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



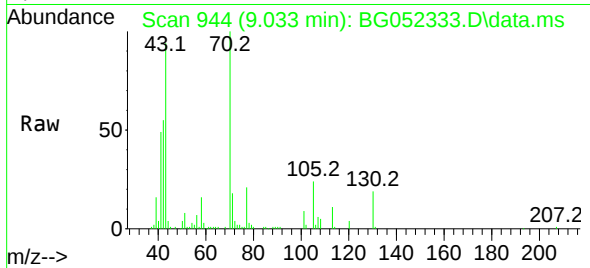
Tgt Ion:117 Resp: 31456
Ion Ratio Lower Upper
117 100
119 99.0 73.5 110.3
201 133.8 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.138 ng
RT: 9.033 min Scan# 943
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

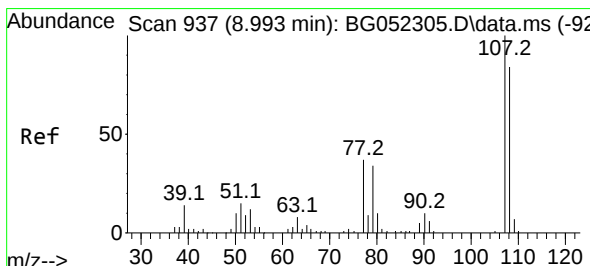
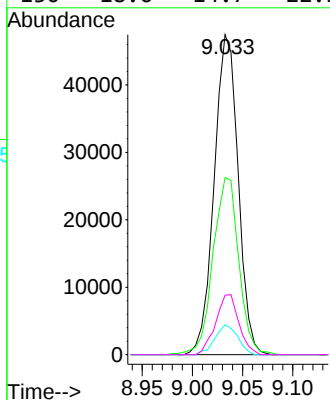
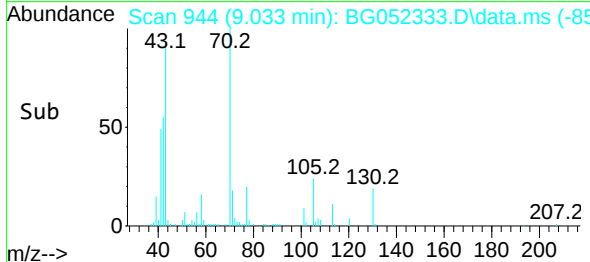
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



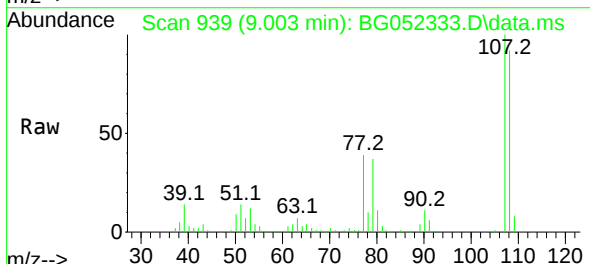
Tgt Ion: 70 Resp: 78694
Ion Ratio Lower Upper
70 100
42 55.4 51.8 77.6
101 9.4 6.6 10.0
130 18.6 14.7 22.1

Manual Integrations
APPROVED

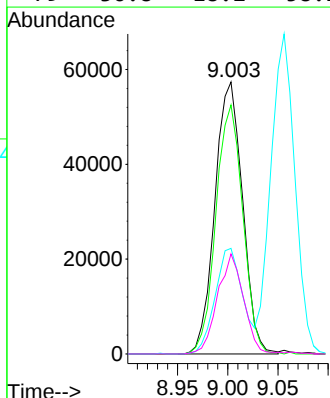
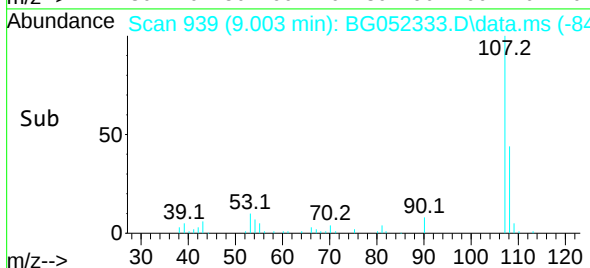
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

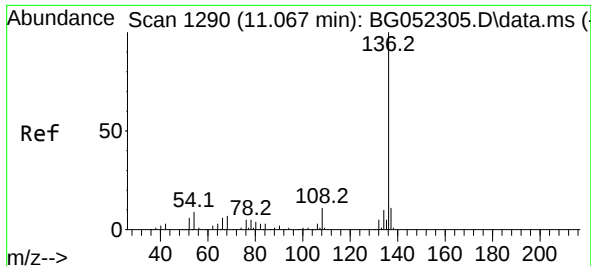


#20
3+4-Methylphenols
Concen: 50.589 ng
RT: 9.003 min Scan# 939
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



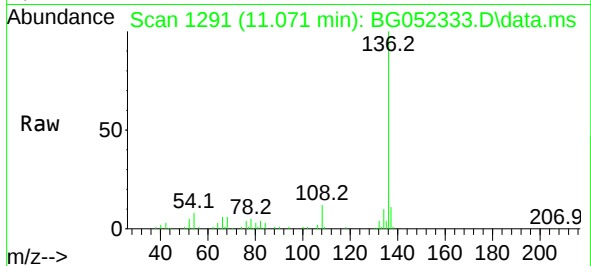
Tgt Ion:107 Resp: 109738
Ion Ratio Lower Upper
107 100
108 91.5 71.9 111.9
77 38.8 24.6 64.6
79 36.8 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.071 min Scan# 11071
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

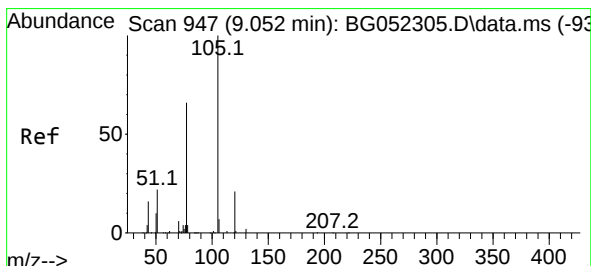
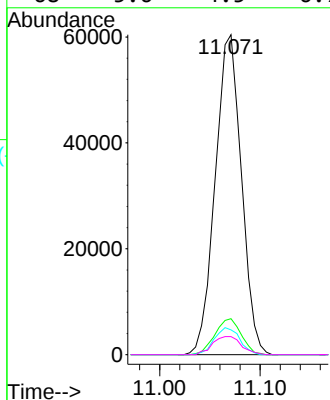
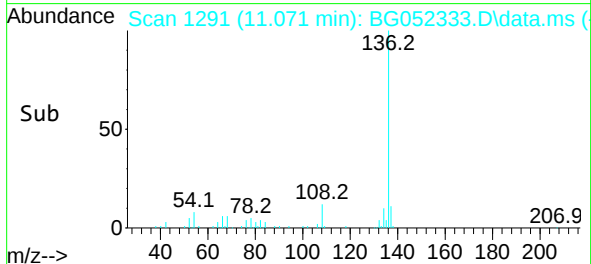
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:136 Resp: 109470
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.8 8.3 12.5
68 5.6 4.5 6.7

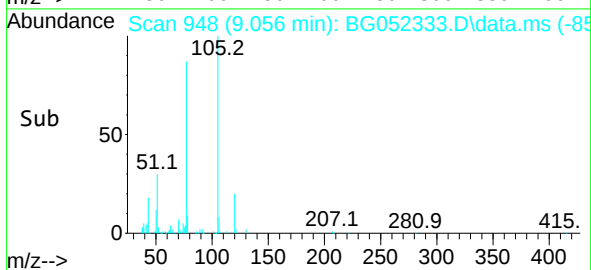
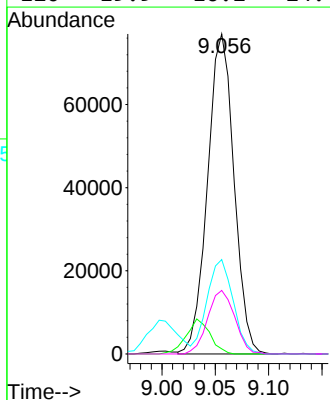
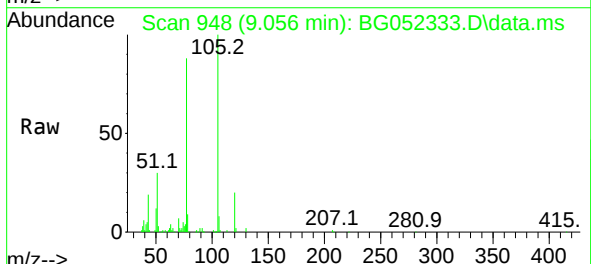
Manual Integrations
APPROVED

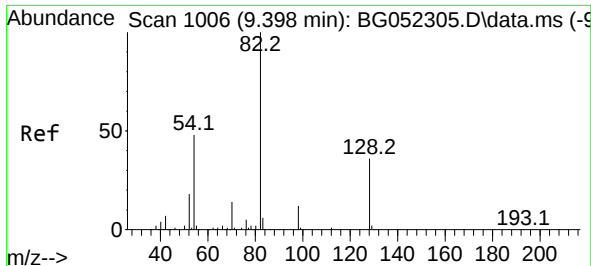
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#22
Acetophenone
Concen: 45.866 ng
RT: 9.056 min Scan# 948
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

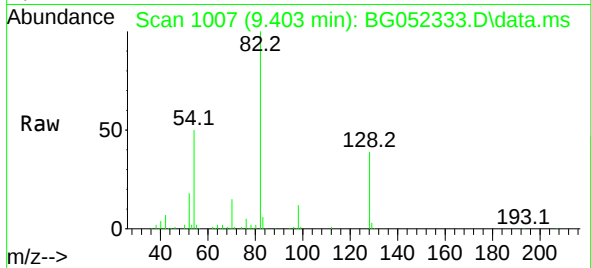
Tgt Ion:105 Resp: 132700
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.6#
51 29.5 27.0 40.4
120 19.9 16.2 24.4





#23
Nitrobenzene-d5
Concen: 73.969 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

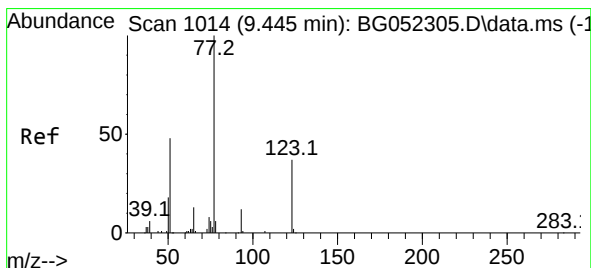
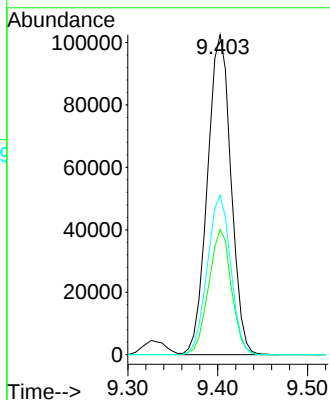
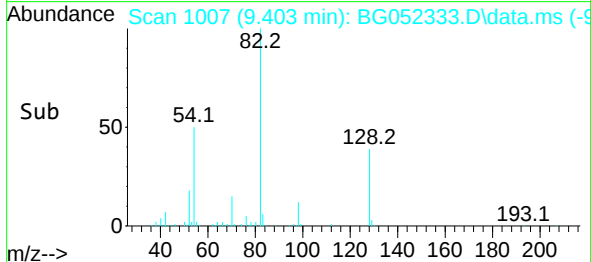
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



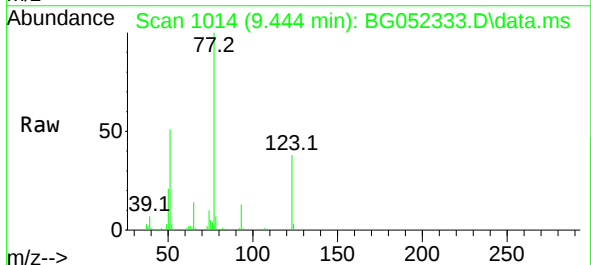
Tgt Ion: 82 Resp: 186314
Ion Ratio Lower Upper
82 100
128 39.1 27.0 40.4
54 49.7 41.0 61.6

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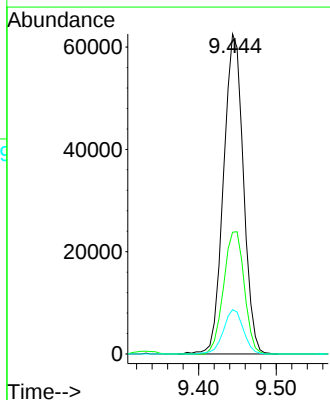
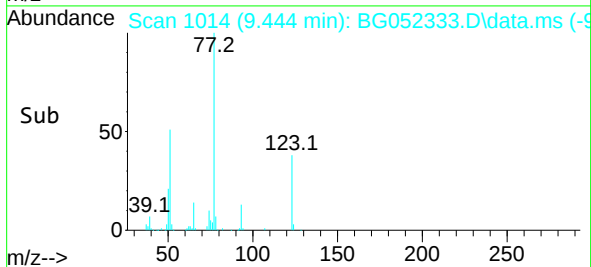
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

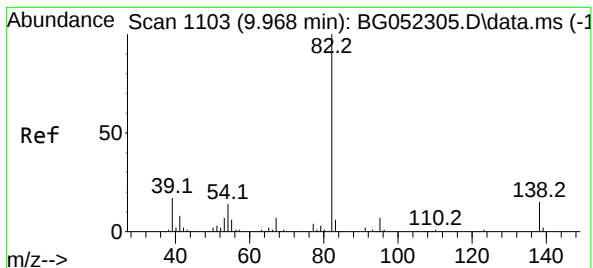


#24
Nitrobenzene
Concen: 46.647 ng
RT: 9.444 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion: 77 Resp: 111453
Ion Ratio Lower Upper
77 100
123 38.0 27.1 40.7
65 13.9 11.2 16.8





#25

Isophorone

Concen: 49.493 ng

RT: 9.972 min Scan# 1104

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

Tgt Ion: 82 Resp: 21211

Ion Ratio Lower Upper

82 100

95 8.8 6.6 9.8

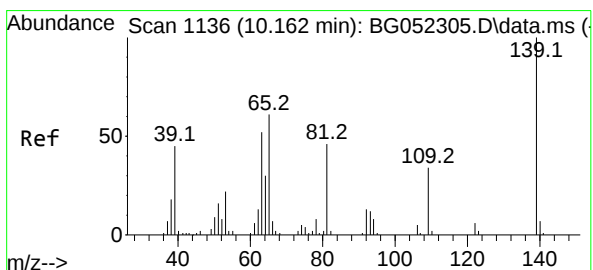
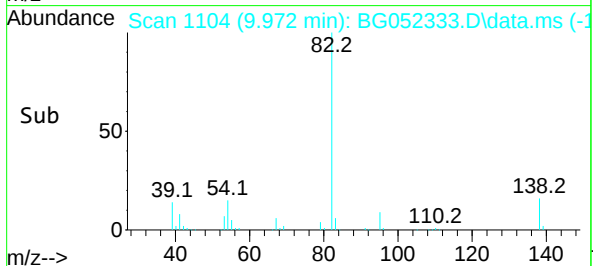
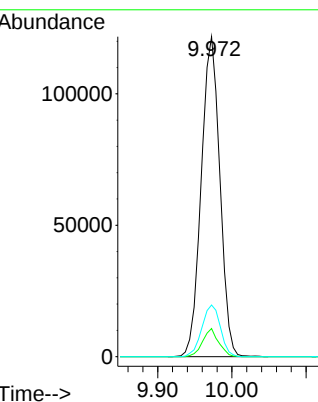
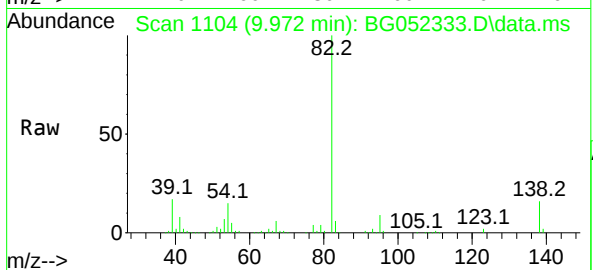
138 16.2 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#26

2-Nitrophenol

Concen: 50.834 ng

RT: 10.166 min Scan# 1137

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

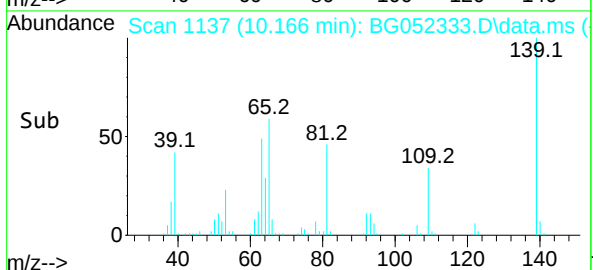
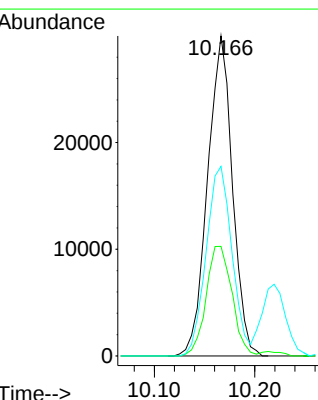
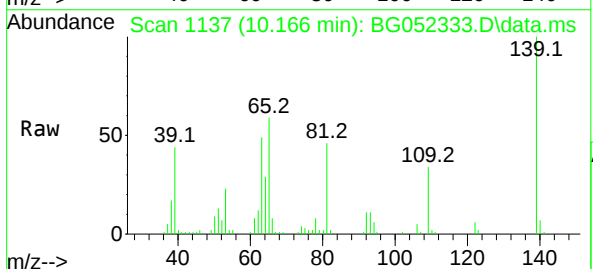
Tgt Ion:139 Resp: 51480

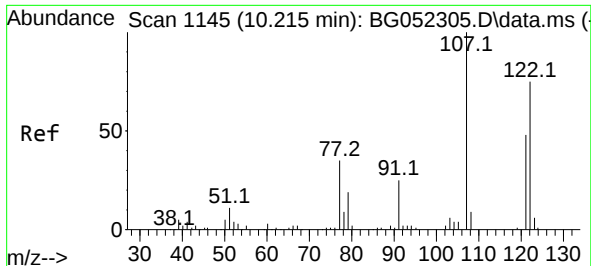
Ion Ratio Lower Upper

139 100

109 34.2 30.4 45.6

65 59.3 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 59.323 ng

RT: 10.219 min Scan# 1145

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

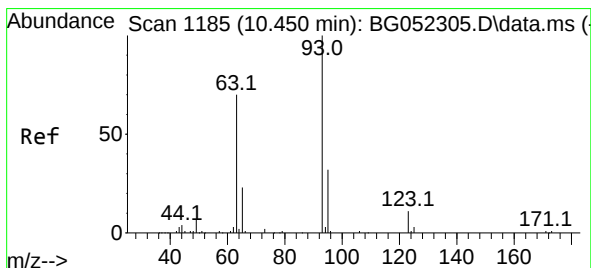
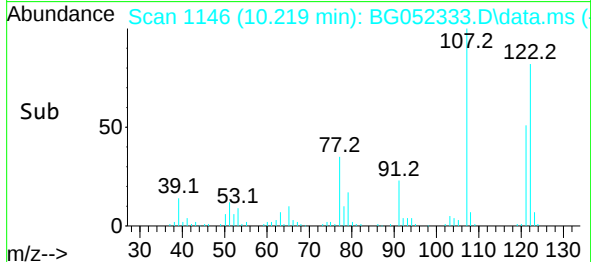
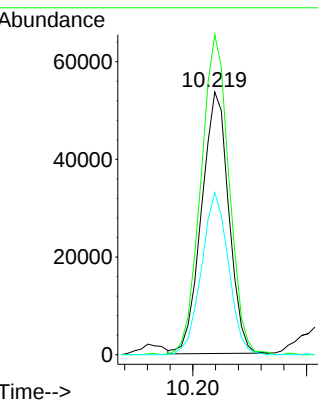
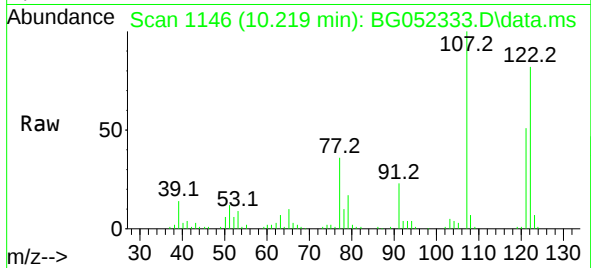
SB-5MSD

Tgt Ion:122 Resp: 88949
 Ion Ratio Lower Upper
 122 100
 107 121.8 105.8 158.8
 121 61.7 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: 46.335 ng

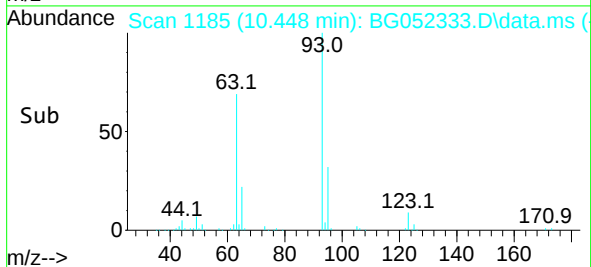
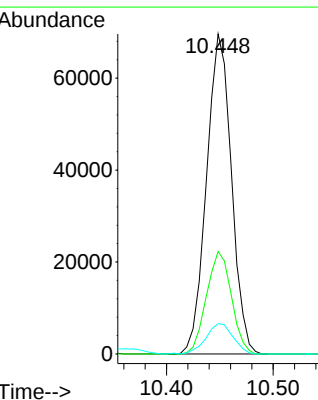
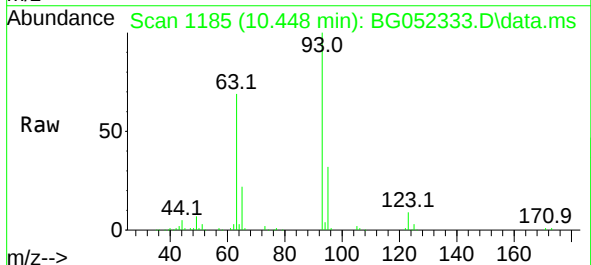
RT: 10.448 min Scan# 1185

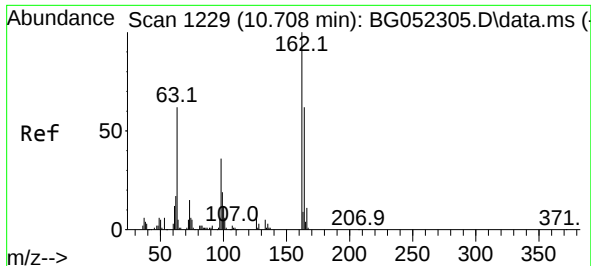
Delta R.T. -0.001 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Tgt Ion: 93 Resp: 112697
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.1 39.1
 123 9.5 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 52.412 ng

RT: 10.713 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

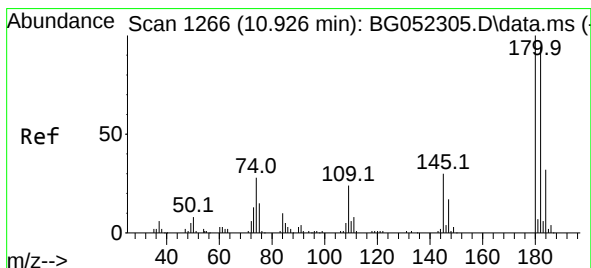
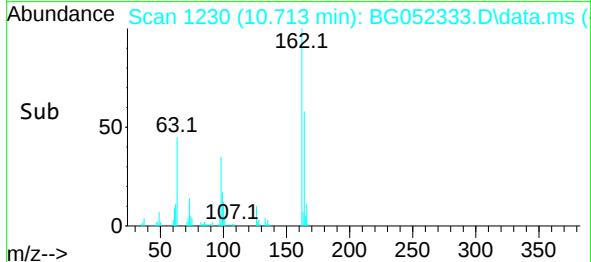
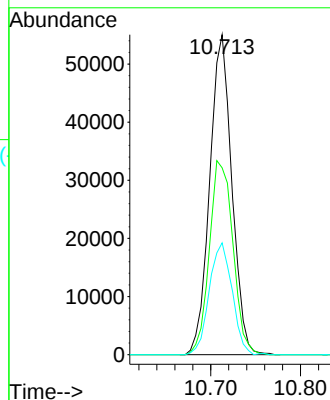
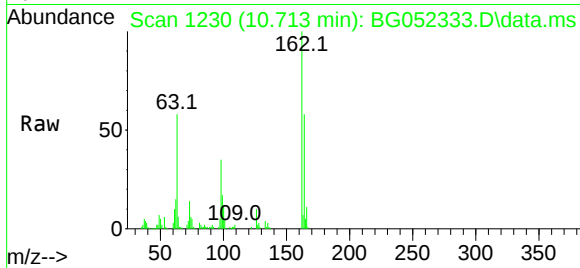
SB-5MSD

Tgt Ion:	162	Resp:	9419
Ion Ratio	Lower	Upper	
162	100		
164	58.4	44.3	84.3
98	35.0	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: 45.884 ng

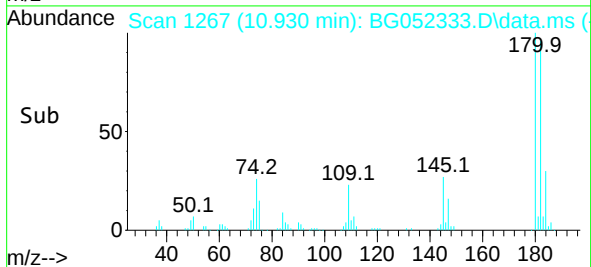
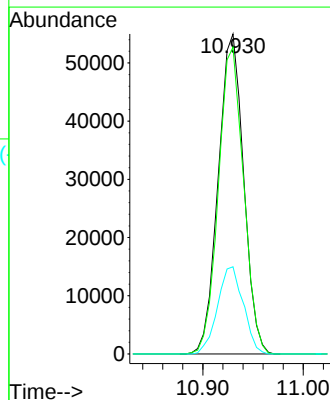
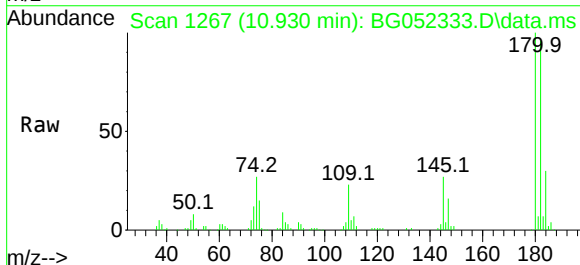
RT: 10.930 min Scan# 1267

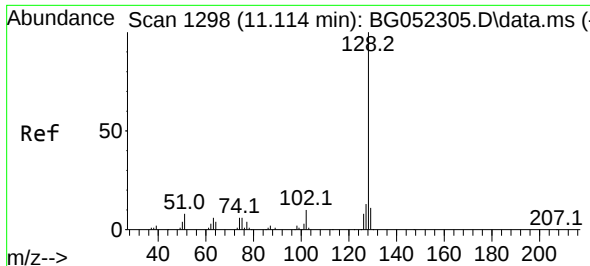
Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

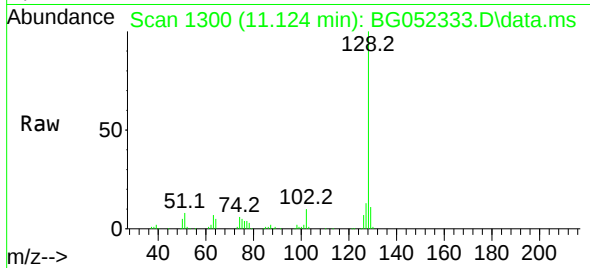
Tgt Ion:	180	Resp:	96295
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.1	114.1
145	27.2	24.0	36.0





#31
Naphthalene
Concen: 46.816 ng
RT: 11.124 min Scan# 11124
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

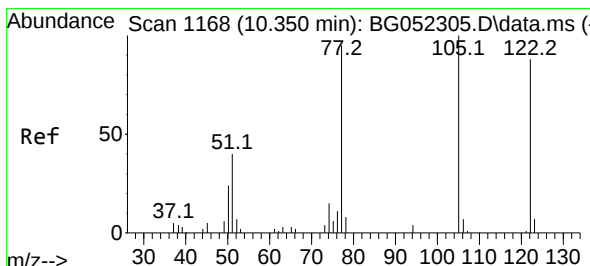
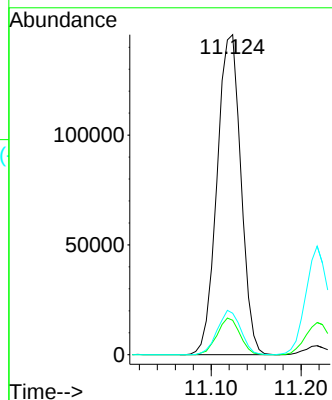
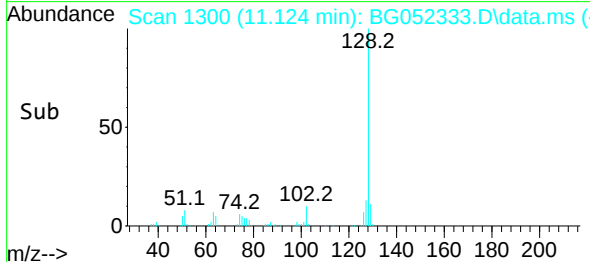
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:128 Resp: 268672
Ion Ratio Lower Upper
128 100
129 10.7 9.8 14.6
127 13.0 12.0 18.0

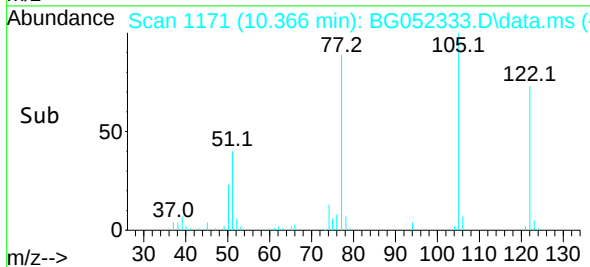
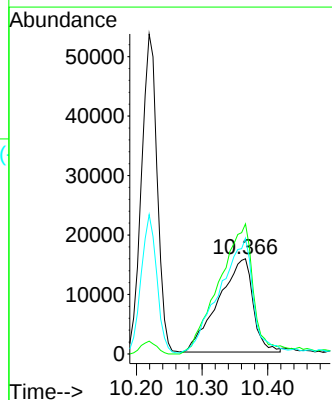
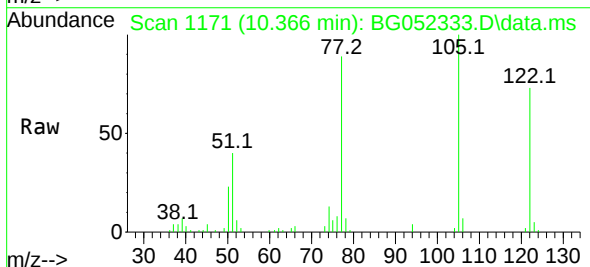
Manual Integrations
APPROVED

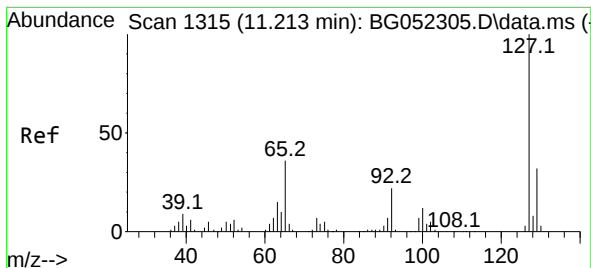
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#32
Benzoic acid
Concen: 58.034 ng
RT: 10.366 min Scan# 1171
Delta R.T. 0.016 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

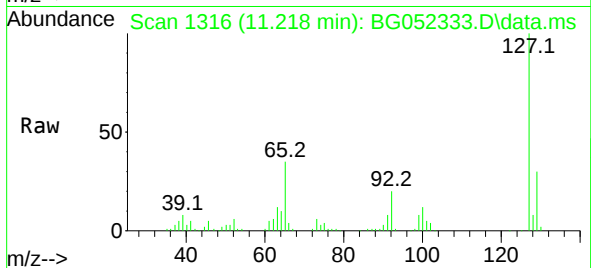
Tgt Ion:122 Resp: 57647
Ion Ratio Lower Upper
122 100
105 136.6 109.2 149.2
77 121.6 92.8 132.8





#33
4-Chloroaniline
Concen: 36.724 ng
RT: 11.218 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

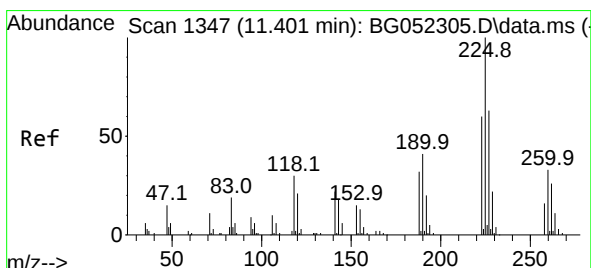
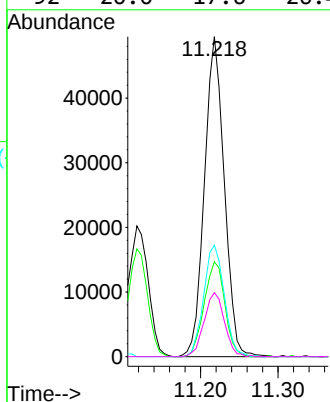
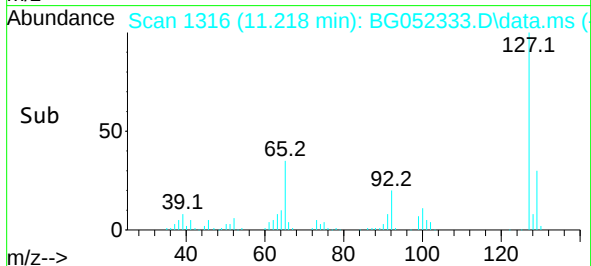
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



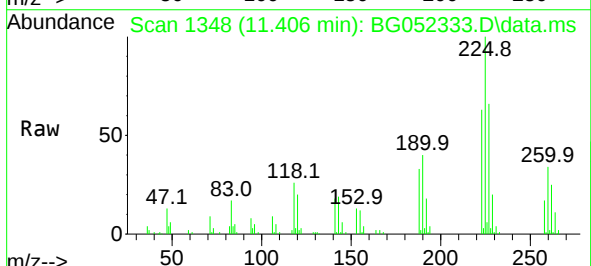
Tgt Ion:127 Resp: 8799
Ion Ratio Lower Upper
127 100
129 29.6 27.0 40.6
65 34.8 28.7 43.1
92 20.0 17.6 26.4

Manual Integrations
APPROVED

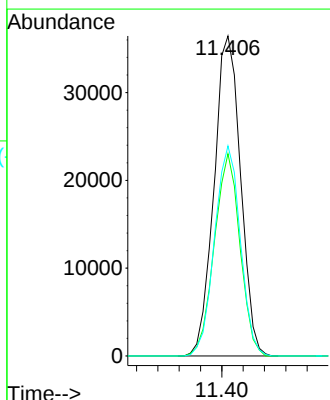
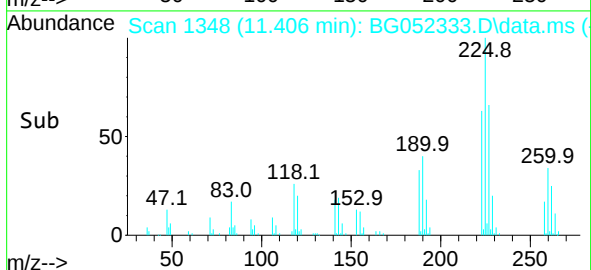
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

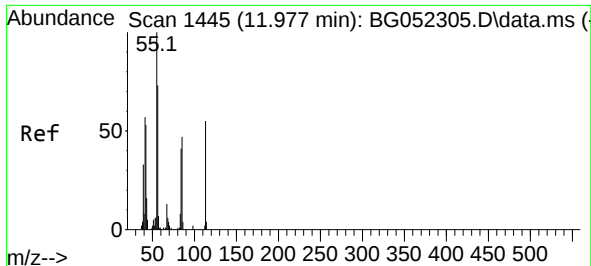


#34
Hexachlorobutadiene
Concen: 44.331 ng
RT: 11.406 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



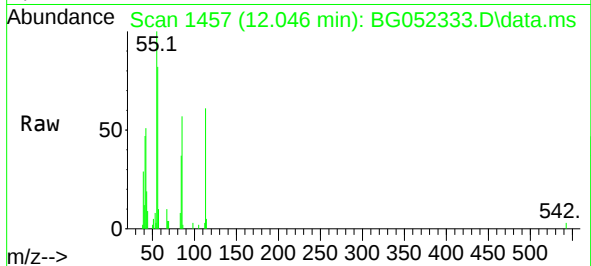
Tgt Ion:225 Resp: 62831
Ion Ratio Lower Upper
225 100
223 63.2 51.6 77.4
227 65.7 53.9 80.9





#35
Caprolactam
Concen: 18.945 ng
RT: 12.046 min Scan# 1445
Delta R.T. 0.069 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

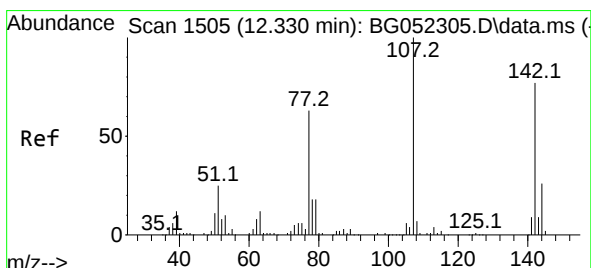
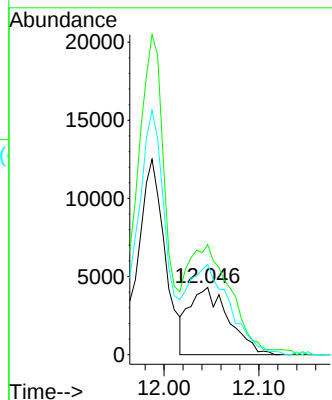
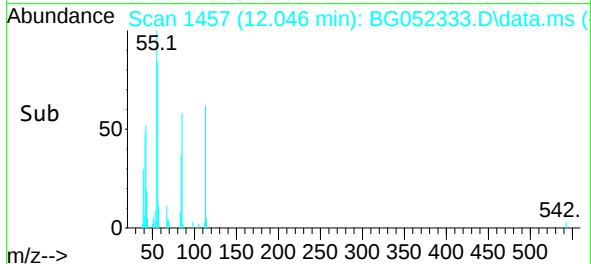
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



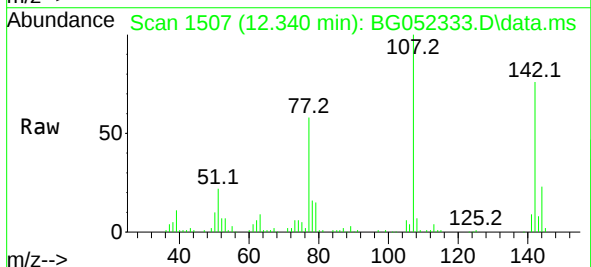
Tgt Ion:113 Resp: 12408
Ion Ratio Lower Upper
113 100
55 163.7 161.4 201.4
56 134.3 132.6 172.6

Manual Integrations
APPROVED

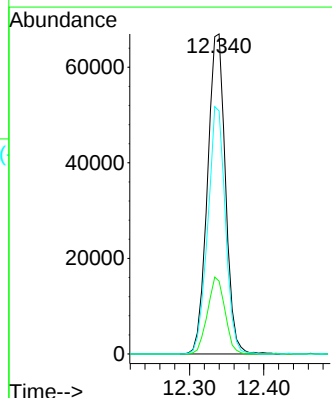
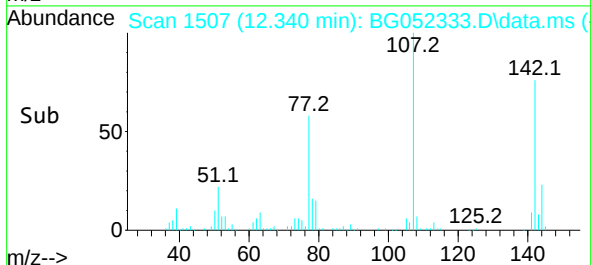
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

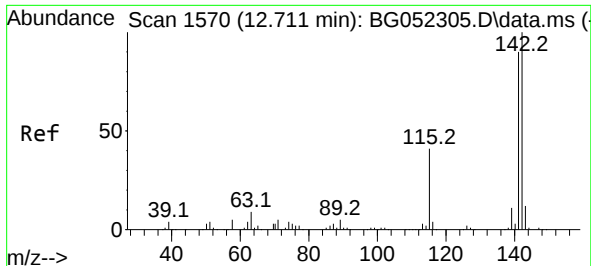


#36
4-Chloro-3-methylphenol
Concen: 55.024 ng
RT: 12.340 min Scan# 1507
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



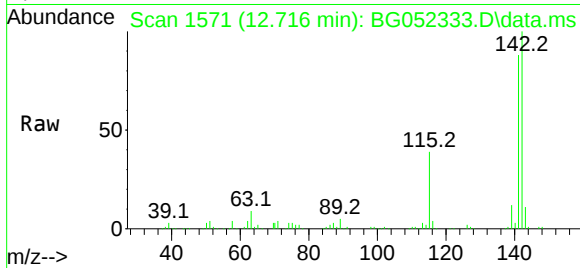
Tgt Ion:107 Resp: 112506
Ion Ratio Lower Upper
107 100
144 22.8 19.3 28.9
142 76.0 63.9 95.9





#37
2-Methylnaphthalene
Concen: 49.198 ng
RT: 12.716 min Scan# 1570
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

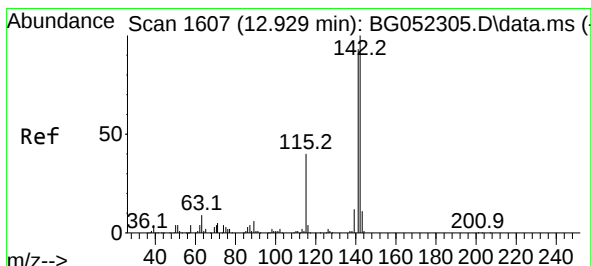
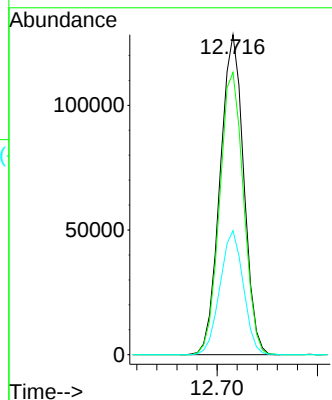
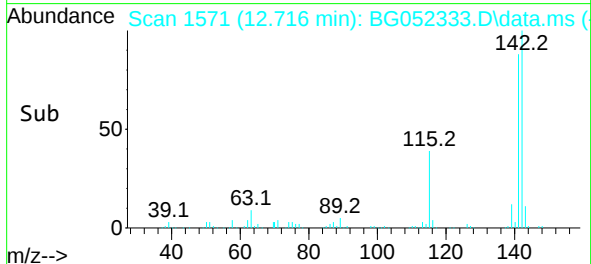
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



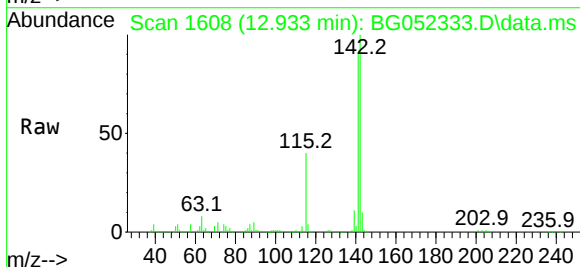
Tgt Ion:142 Resp: 209708
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5
115 38.8 32.2 48.4

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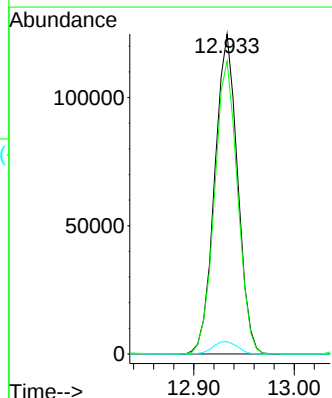
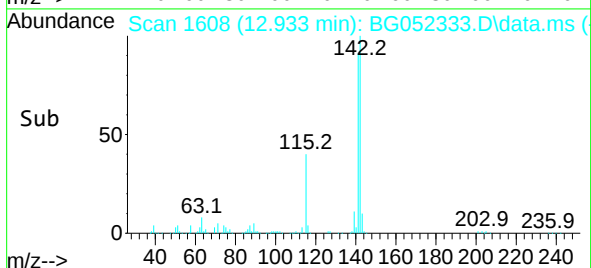
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

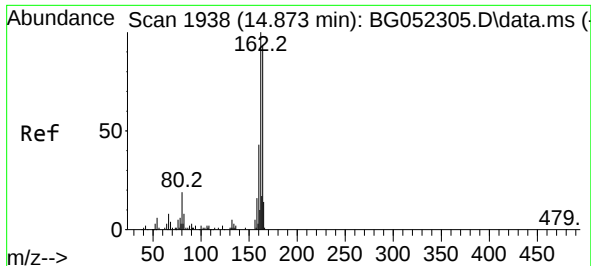


#38
1-Methylnaphthalene
Concen: 47.723 ng
RT: 12.933 min Scan# 1608
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



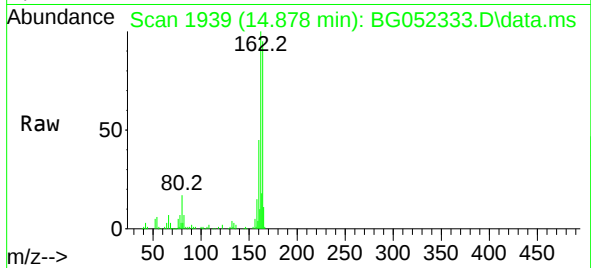
Tgt Ion:142 Resp: 197114
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4
116 3.8 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

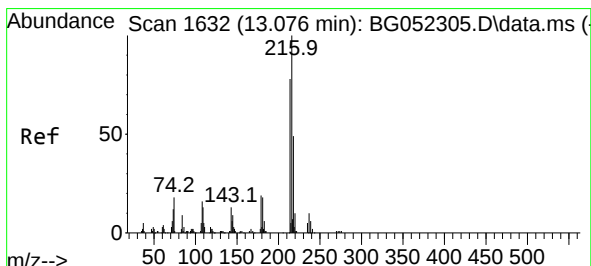
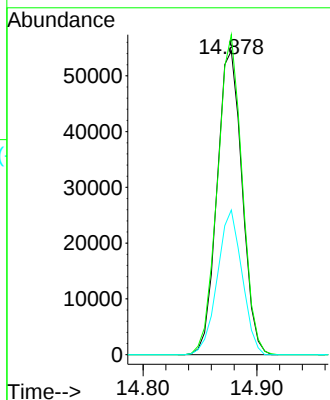
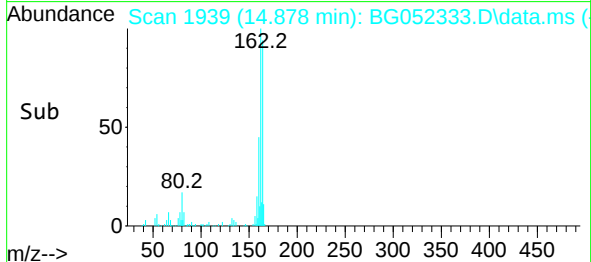
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:164 Resp: 8323
Ion Ratio Lower Upper
164 100
162 105.3 82.2 123.2
160 47.6 36.2 54.2

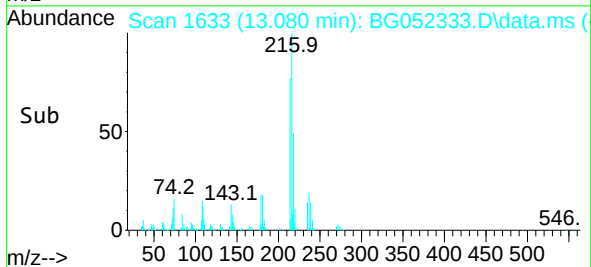
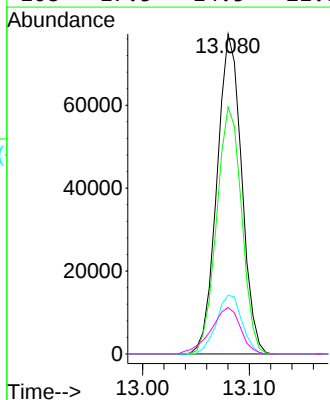
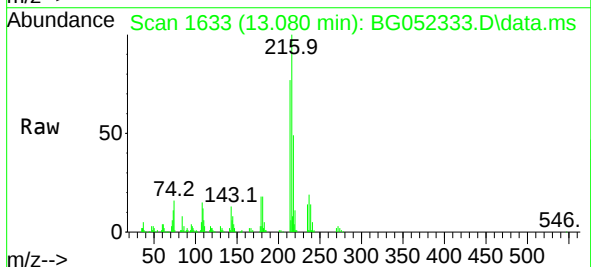
Manual Integrations
APPROVED

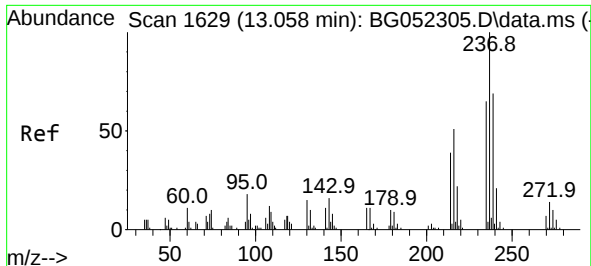
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.166 ng
RT: 13.080 min Scan# 1633
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

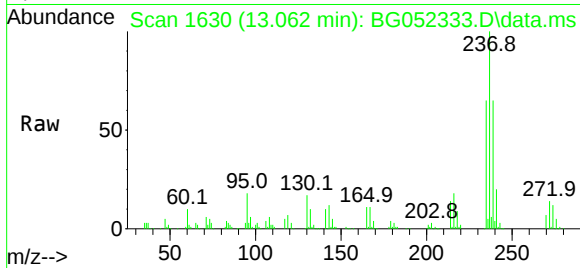
Tgt Ion:216 Resp: 123647
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.1 16.3 24.5
108 17.5 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 105.558 ng
RT: 13.062 min Scan# 1629
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

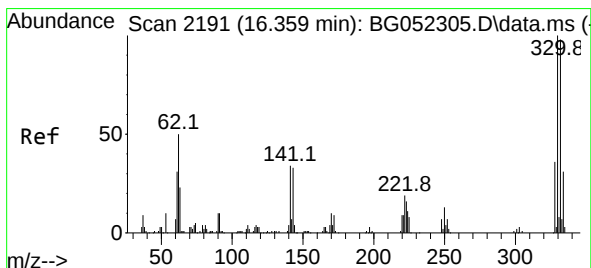
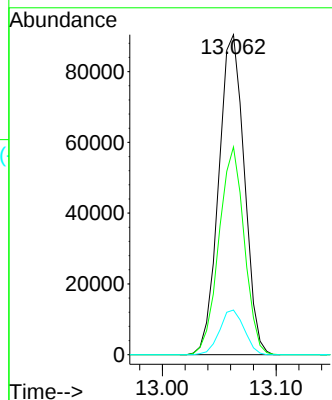
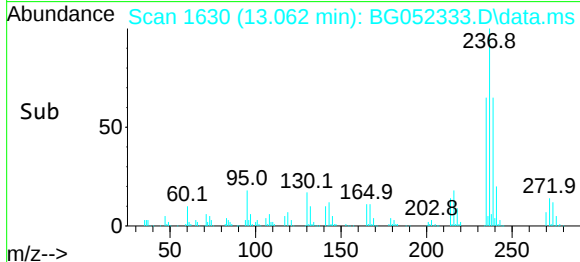
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



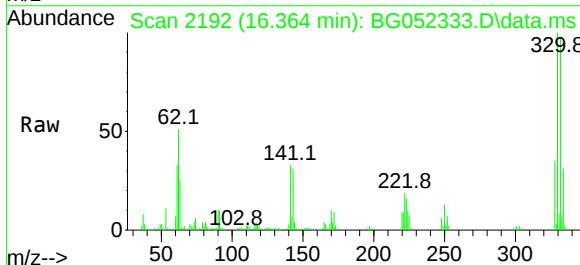
Tgt Ion:237 Resp: 141568
Ion Ratio Lower Upper
237 100
235 64.9 45.9 85.9
272 13.9 0.0 33.0

Manual Integrations
APPROVED

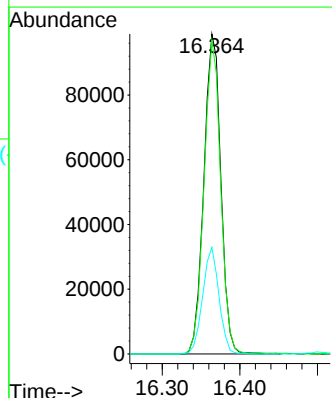
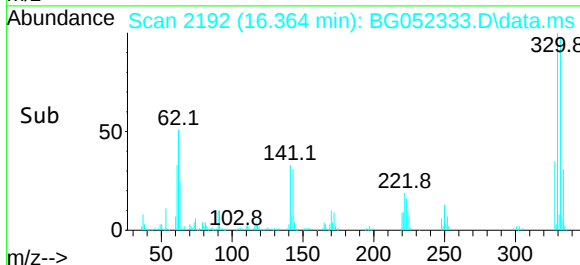
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

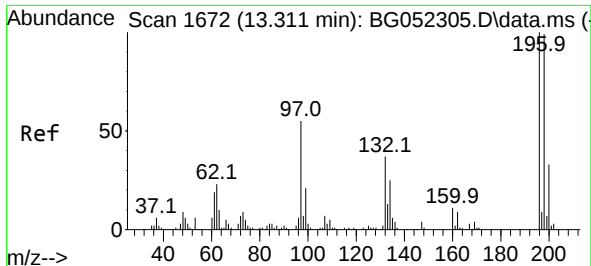


#42
2,4,6-Tribromophenol
Concen: 125.463 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



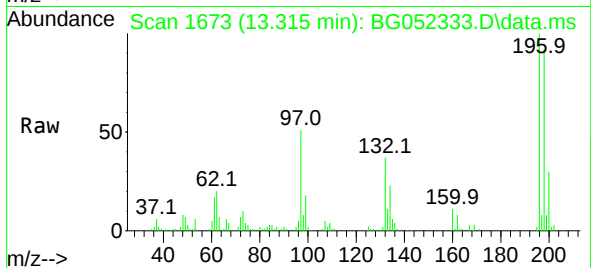
Tgt Ion:330 Resp: 150024
Ion Ratio Lower Upper
330 100
332 95.7 78.6 117.8
141 31.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 50.200 ng
RT: 13.315 min Scan# 1672
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

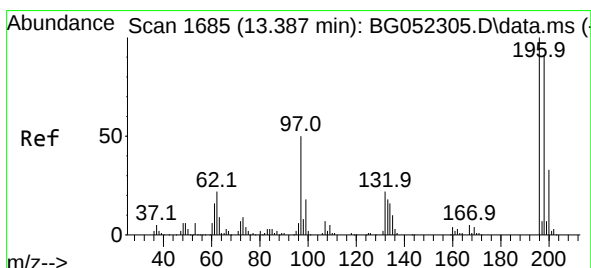
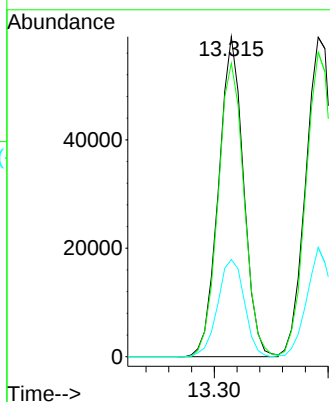
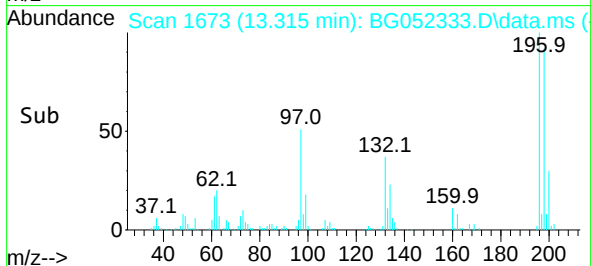
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



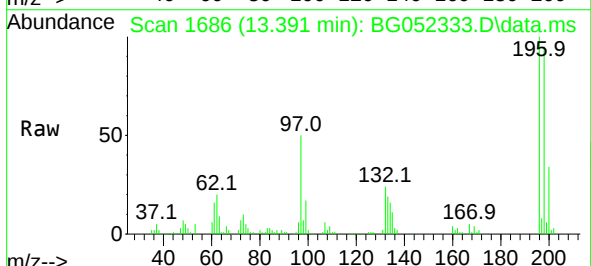
Tgt Ion:196 Resp: 89880
Ion Ratio Lower Upper
196 100
198 91.7 78.4 117.6
200 30.3 28.5 42.7

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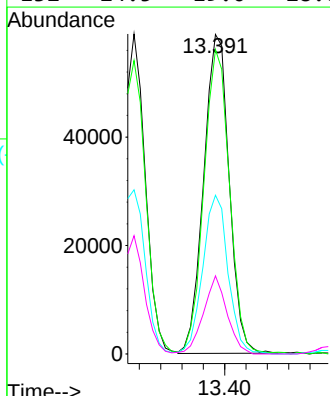
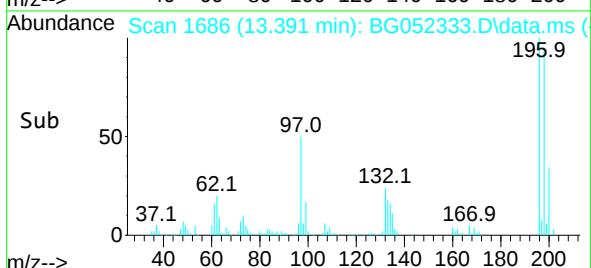
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

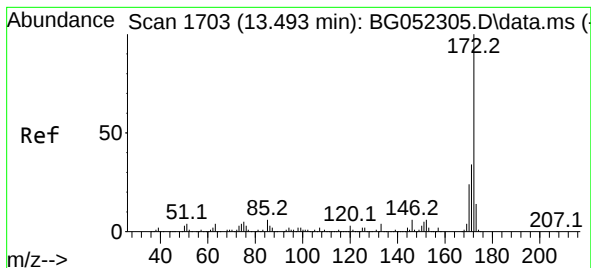


#44
2,4,5-Trichlorophenol
Concen: 50.380 ng
RT: 13.391 min Scan# 1686
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



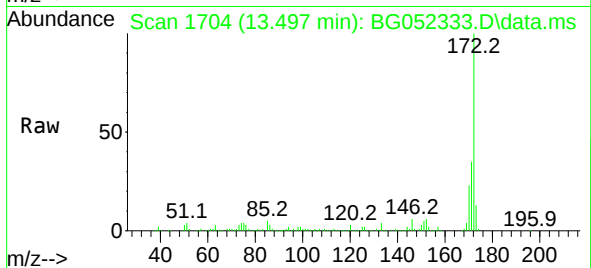
Tgt Ion:196 Resp: 97752
Ion Ratio Lower Upper
196 100
198 95.3 78.6 118.0
97 49.7 43.8 65.8
132 24.5 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 71.472 ng
RT: 13.497 min Scan# 1703
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

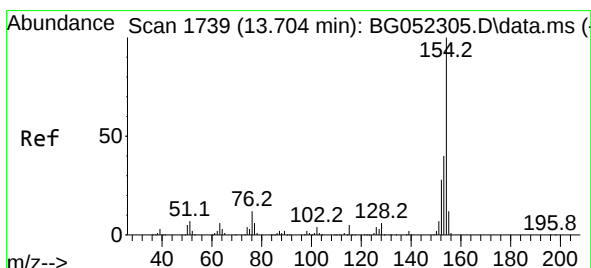
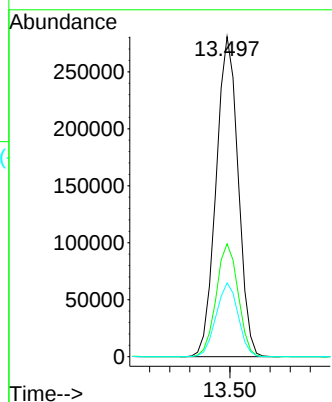
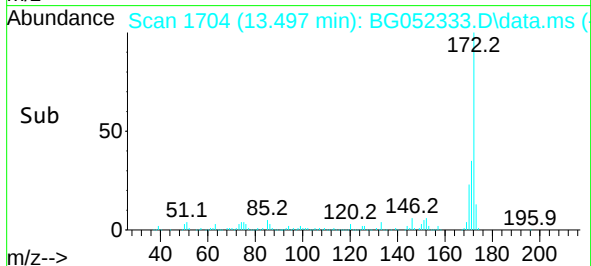
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



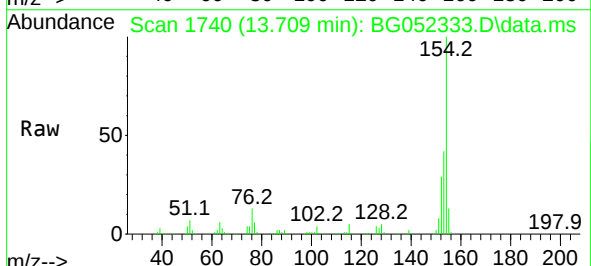
Tgt Ion:172 Resp: 42811
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.3 27.5

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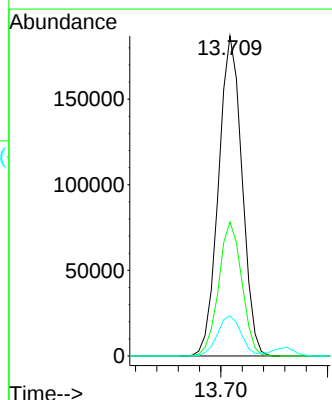
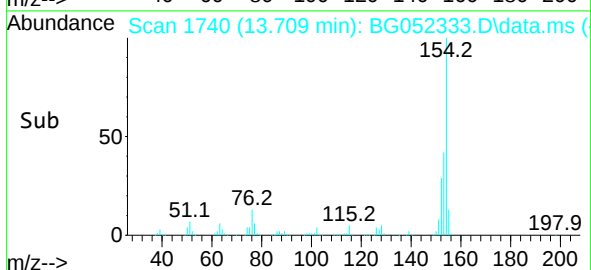
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

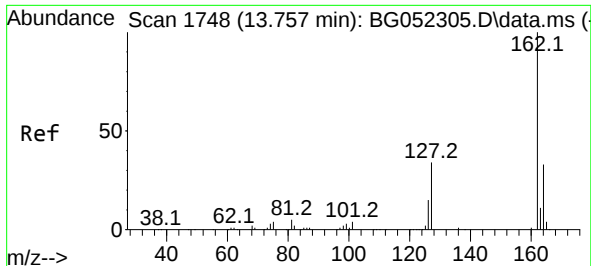


#46
1,1'-Biphenyl
Concen: 46.689 ng
RT: 13.709 min Scan# 1740
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



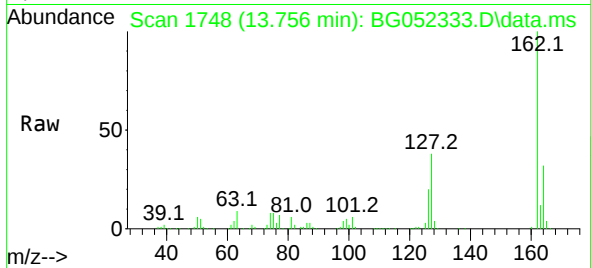
Tgt Ion:154 Resp: 284957
Ion Ratio Lower Upper
154 100
153 41.9 21.1 61.1
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.067 ng
RT: 13.756 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

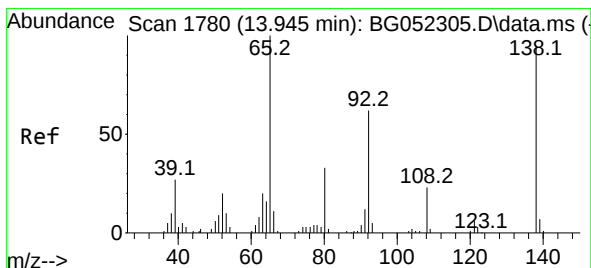
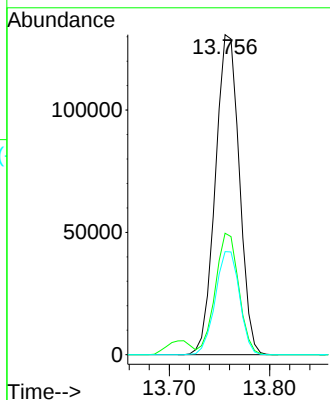
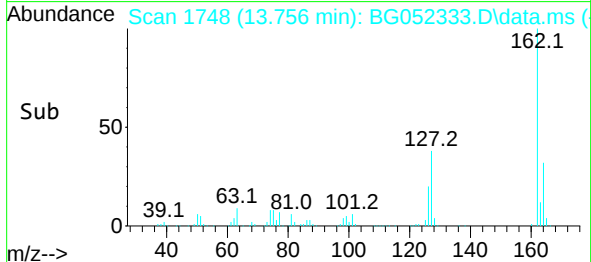
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



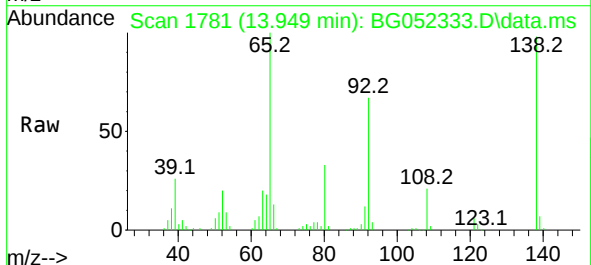
Tgt Ion:162 Resp: 21661
Ion Ratio Lower Upper
162 100
127 38.0 30.4 45.6
164 32.2 25.0 37.4

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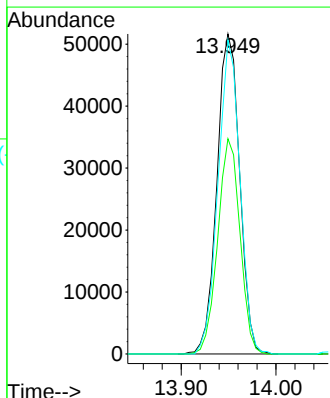
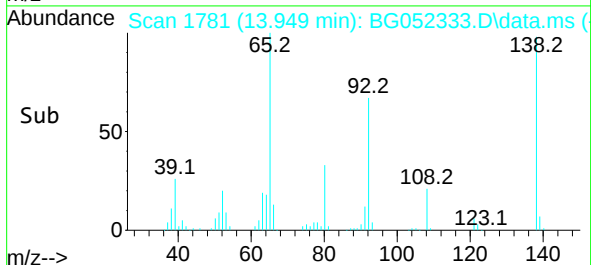
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

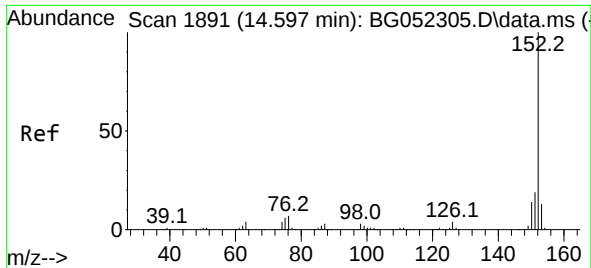


#48
2-Nitroaniline
Concen: 51.377 ng
RT: 13.949 min Scan# 1781
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



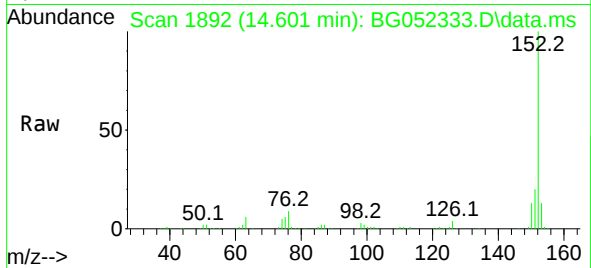
Tgt Ion: 65 Resp: 86008
Ion Ratio Lower Upper
65 100
92 67.3 51.0 76.6
138 98.0 72.4 108.6





#49
Acenaphthylene
Concen: 49.373 ng
RT: 14.601 min Scan# 1891
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

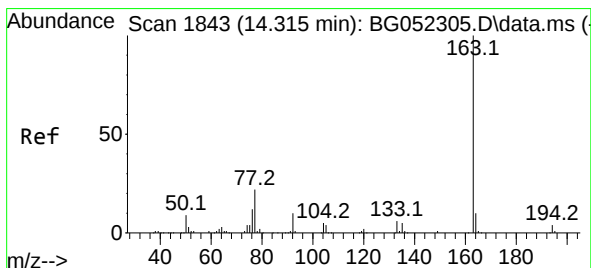
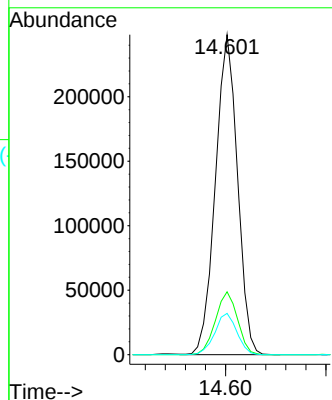
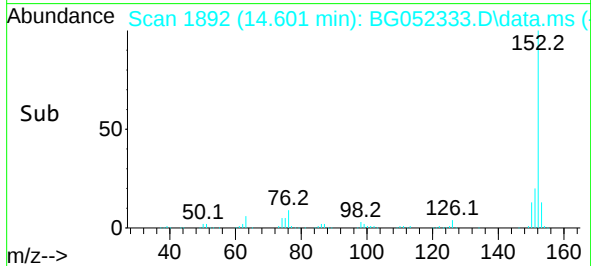
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



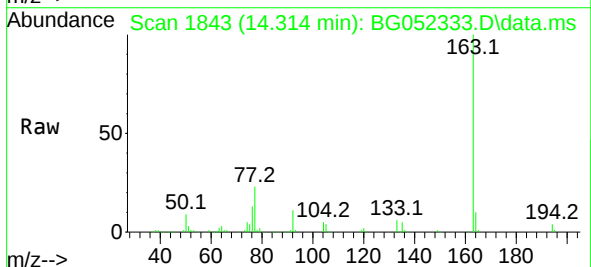
Tgt Ion:152 Resp: 377918
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.9 10.8 16.2

Manual Integrations
APPROVED

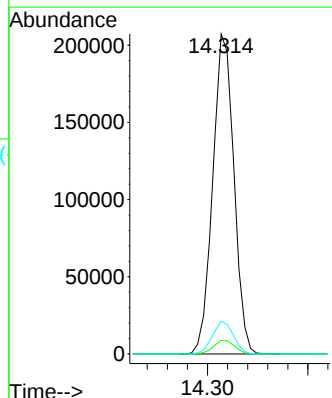
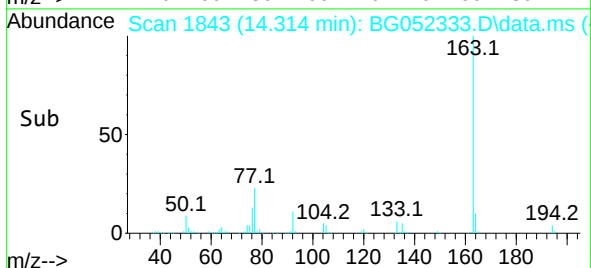
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

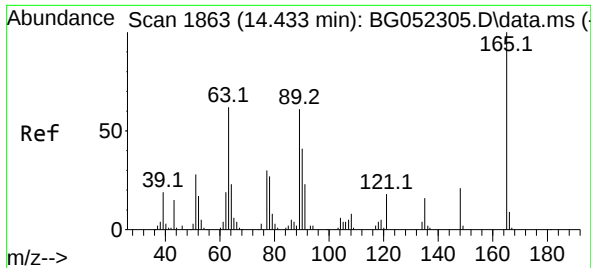


#50
Dimethylphthalate
Concen: 47.593 ng
RT: 14.314 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:163 Resp: 303457
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.4 12.6





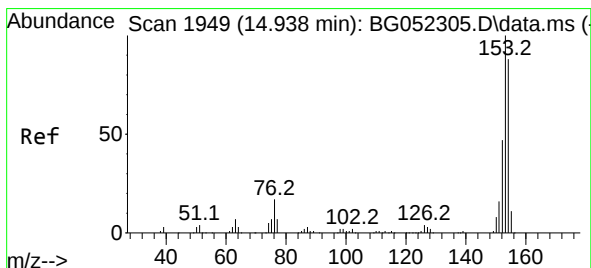
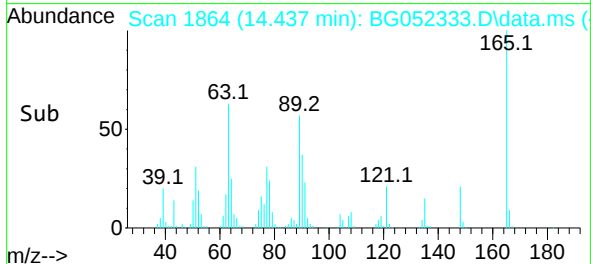
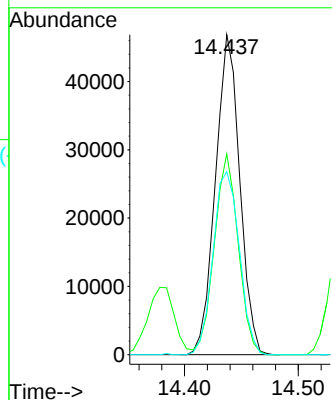
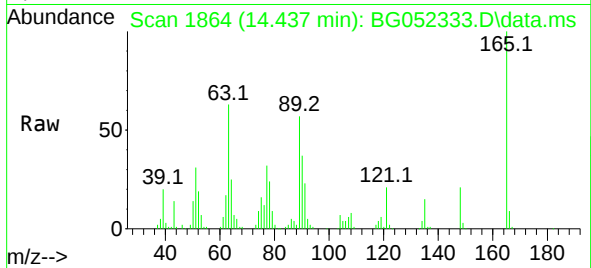
#51
2,6-Dinitrotoluene
Concen: 50.658 ng
RT: 14.437 min Scan# 1863
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SB-5MSD

Tgt Ion:165 Resp: 6970
Ion Ratio Lower Upper
165 100
63 62.8 59.0 88.4
89 57.2 49.4 74.0

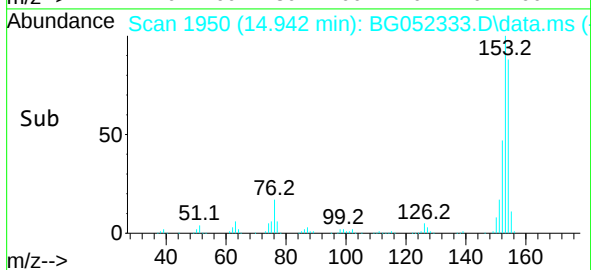
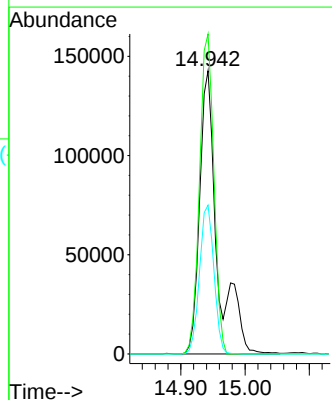
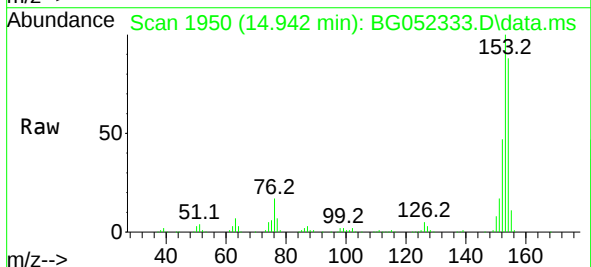
Manual Integrations
APPROVED

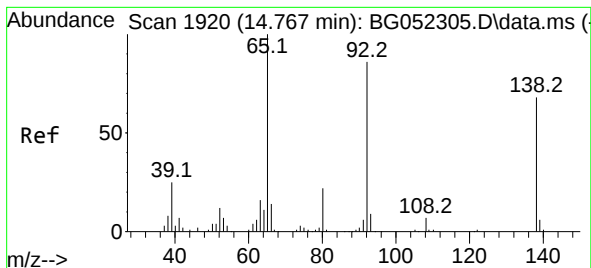
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#52
Acenaphthene
Concen: 54.929 ng m
RT: 14.942 min Scan# 1950
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

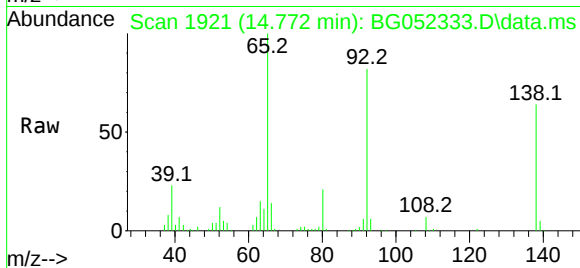
Tgt Ion:154 Resp: 275353
Ion Ratio Lower Upper
154 100
153 113.0 91.9 137.9
152 52.6 43.4 65.2





#53
3-Nitroaniline
Concen: 39.126 ng
RT: 14.772 min Scan# 1920
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

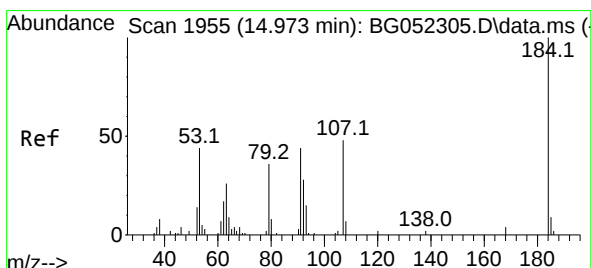
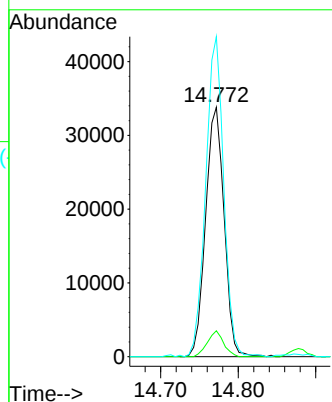
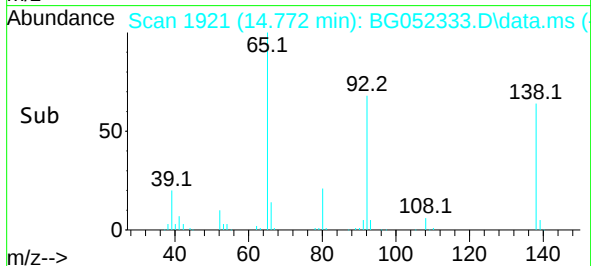
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



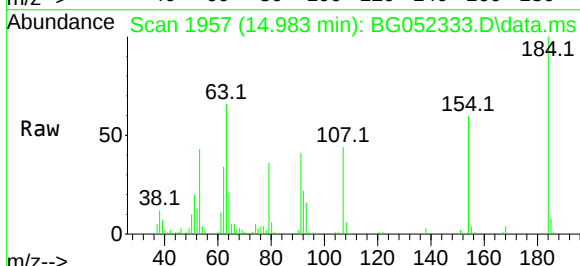
Tgt Ion:138 Resp: 55950
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 128.3 100.4 150.6

Manual Integrations
APPROVED

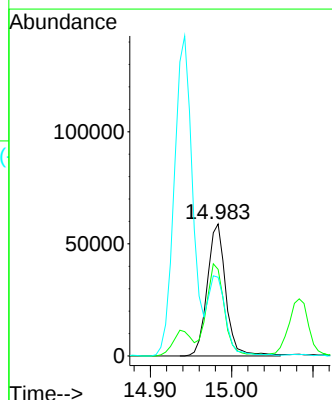
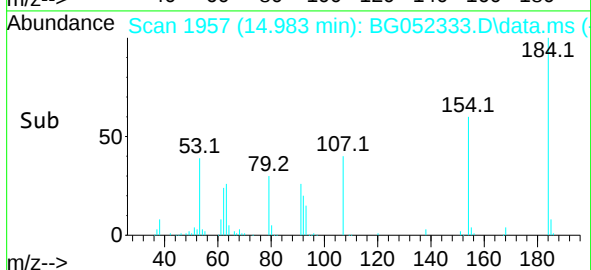
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

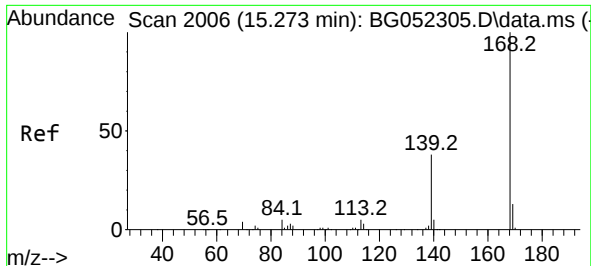


#54
2,4-Dinitrophenol
Concen: 107.477 ng
RT: 14.983 min Scan# 1957
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



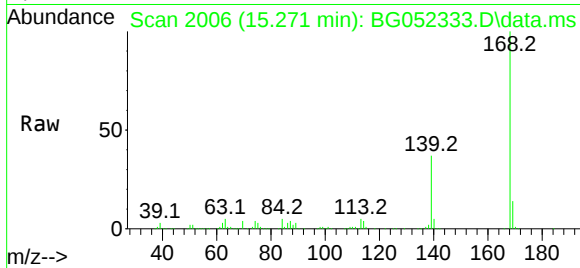
Tgt Ion:184 Resp: 93105
Ion Ratio Lower Upper
184 100
63 65.6 56.0 84.0
154 59.7 50.2 75.2





#55
Dibenzofuran
Concen: 45.551 ng
RT: 15.271 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

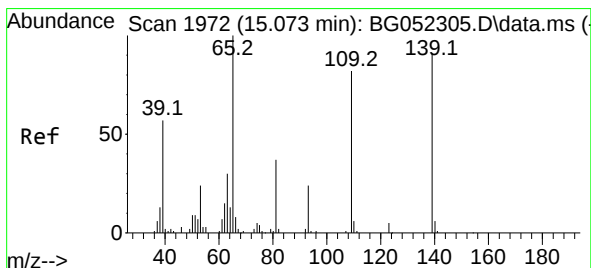
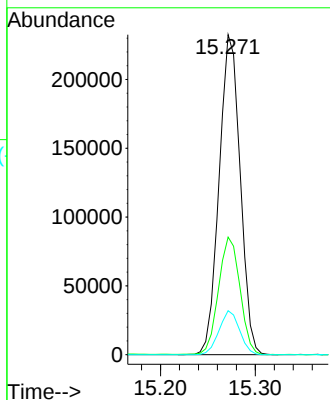
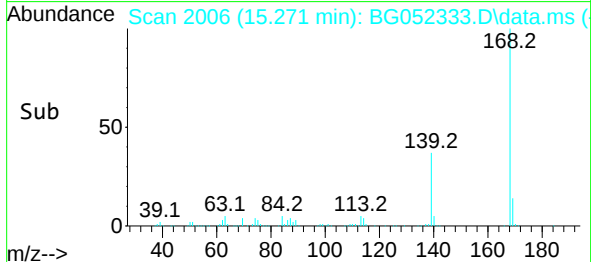
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:168 Resp: 359104
Ion Ratio Lower Upper
168 100
139 36.7 30.7 46.1
169 13.7 10.9 16.3

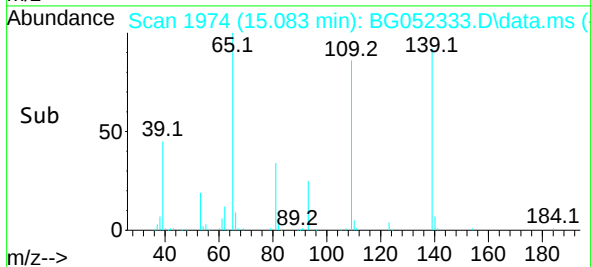
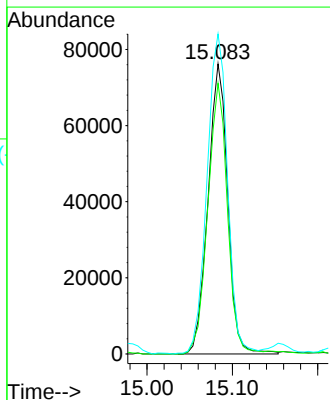
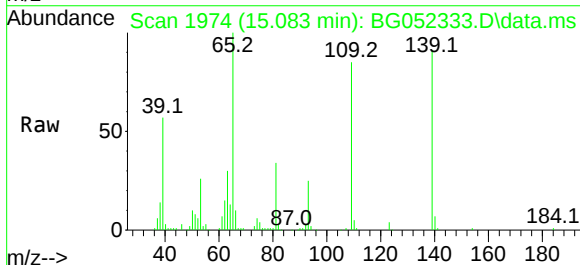
Manual Integrations
APPROVED

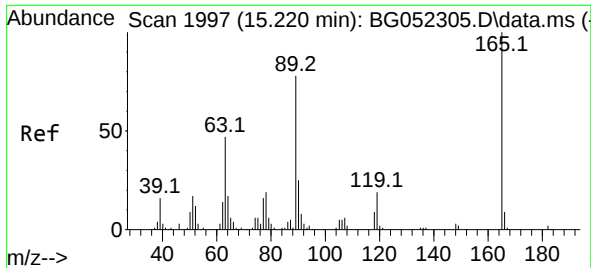
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#56
4-Nitrophenol
Concen: 114.269 ng
RT: 15.083 min Scan# 1974
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

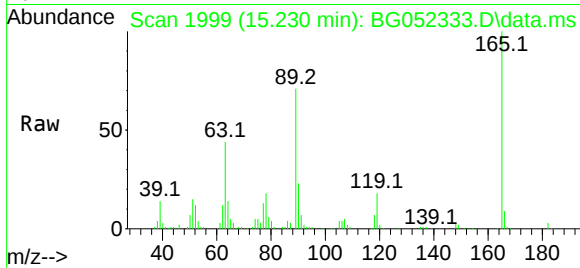
Tgt Ion:139 Resp: 122727
Ion Ratio Lower Upper
139 100
109 93.3 84.9 124.9
65 110.3 109.9 149.9





#57
2,4-Dinitrotoluene
Concen: 52.420 ng
RT: 15.230 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

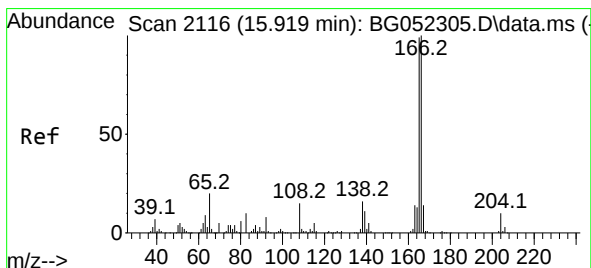
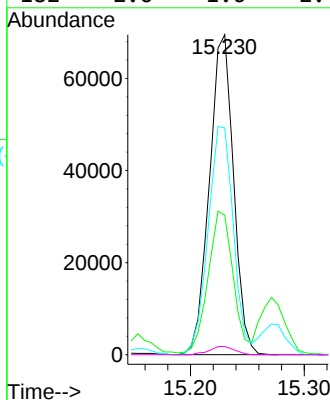
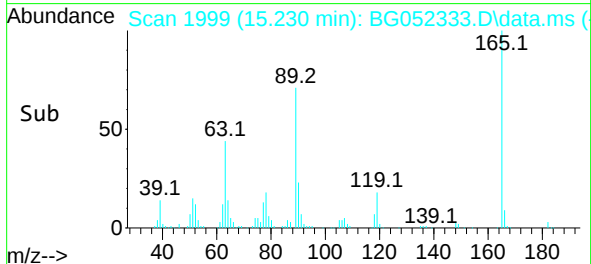
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



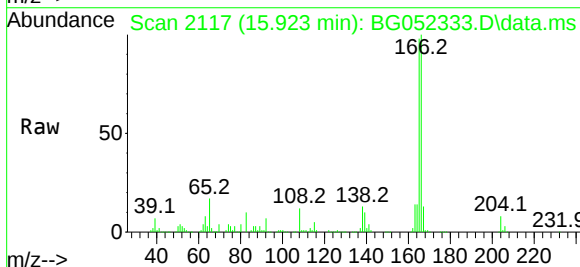
Tgt Ion:165 Resp: 10265
Ion Ratio Lower Upper
165 100
63 43.6 44.6 66.8
89 70.8 67.4 101.0
182 2.6 1.6 2.4#

Manual Integrations
APPROVED

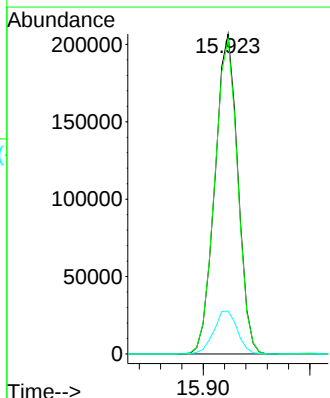
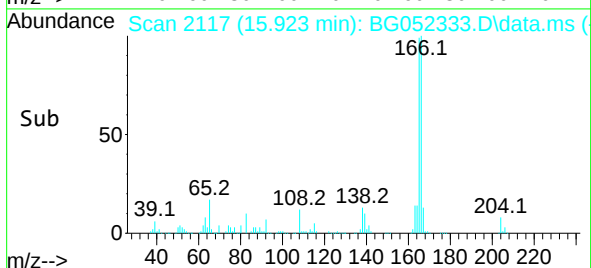
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

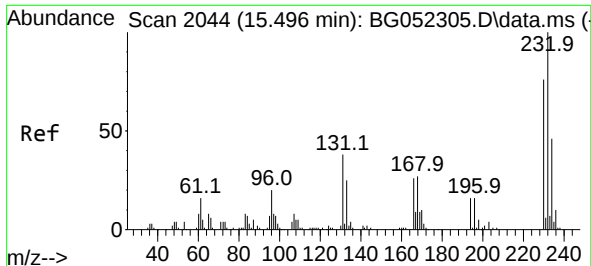


#58
Fluorene
Concen: 48.883 ng
RT: 15.923 min Scan# 2117
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:166 Resp: 307642
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.4 11.1 16.7





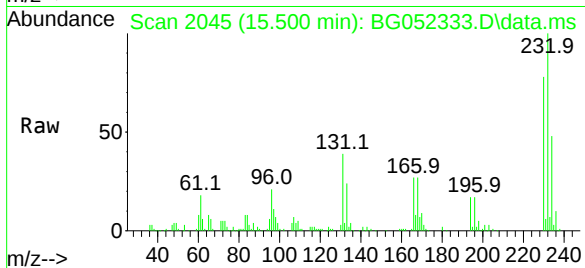
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.260 ng
RT: 15.500 min Scan# 2044
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

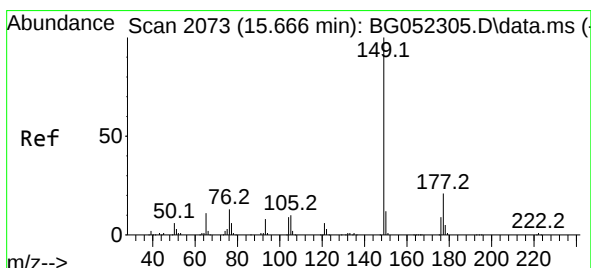
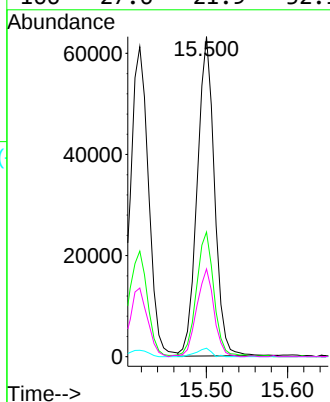
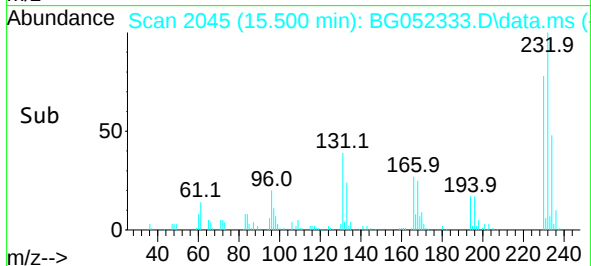


Tgt Ion:232 Resp: 9316
Ion Ratio Lower Upper
232 100
131 39.2 32.2 48.4
130 2.3 2.2 3.4
166 27.6 21.9 32.9

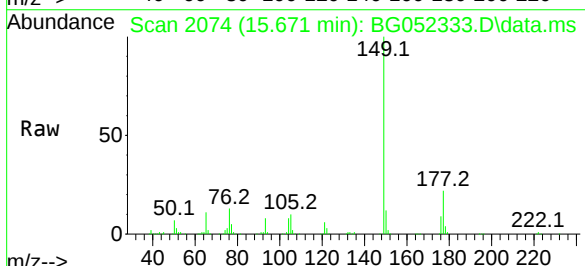
Manual Integrations

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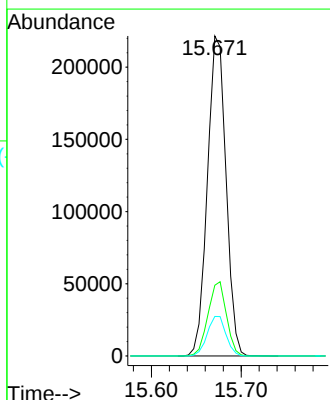
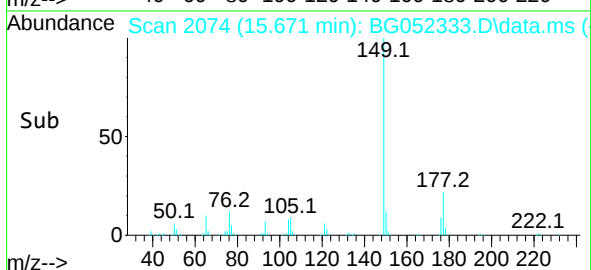
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

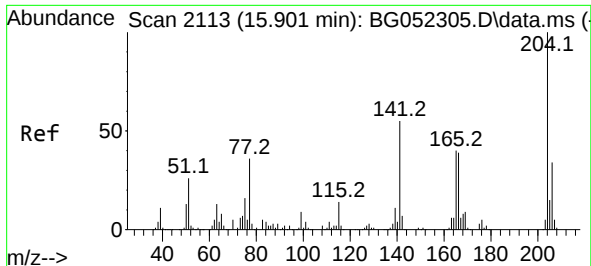


#60
Diethylphthalate
Concen: 49.469 ng
RT: 15.671 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:149 Resp: 318624
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.3 9.2 13.8





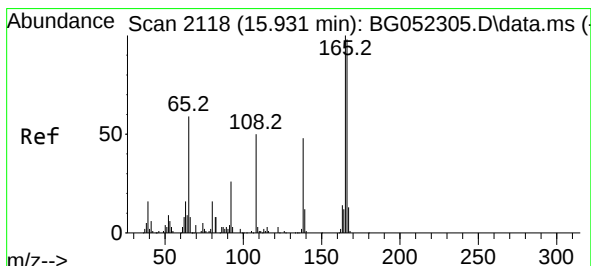
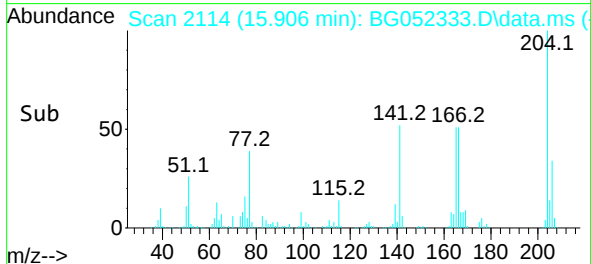
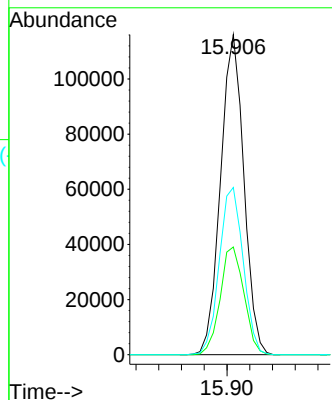
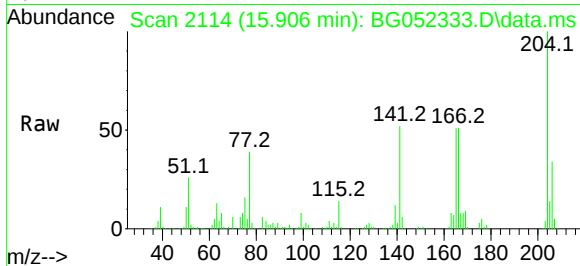
#61
4-Chlorophenyl-phenylether
Concen: 46.041 ng
RT: 15.906 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SB-5MSD

Tgt Ion:204 Resp: 165050
Ion Ratio Lower Upper
204 100
206 33.6 28.4 42.6
141 52.2 41.8 62.6

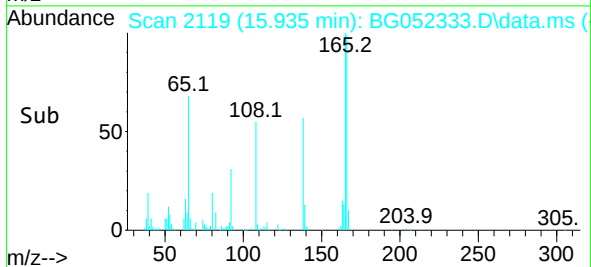
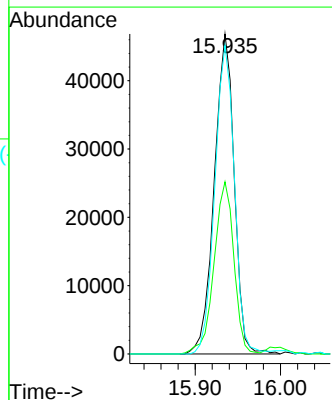
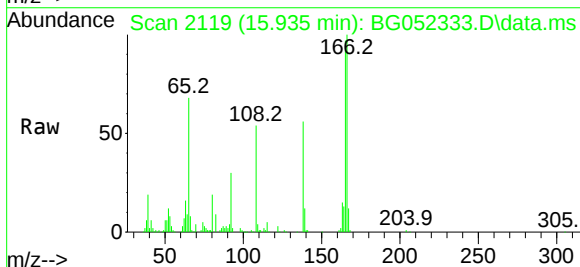
Manual Integrations
APPROVED

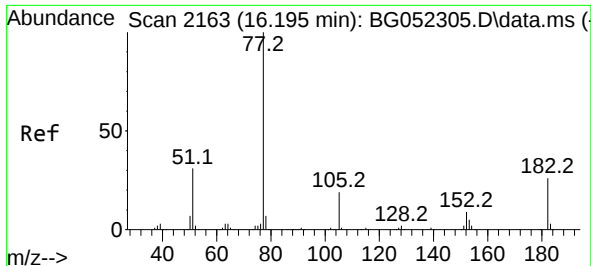
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#62
4-Nitroaniline
Concen: 50.460 ng
RT: 15.935 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

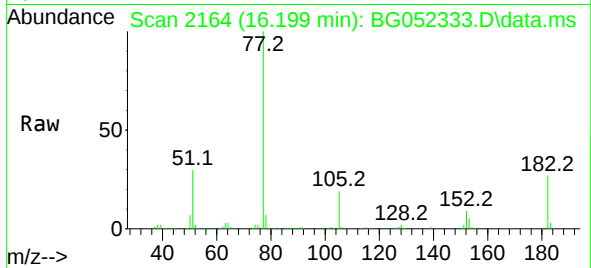
Tgt Ion:138 Resp: 75972
Ion Ratio Lower Upper
138 100
92 53.8 35.5 75.5
108 96.4 96.4 136.4





#63
Azobenzene
Concen: 46.893 ng
RT: 16.199 min Scan# 2164
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

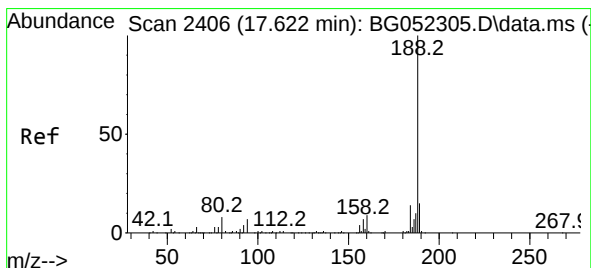
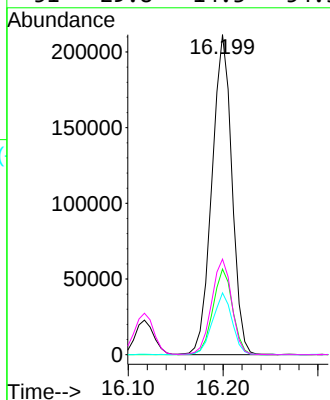
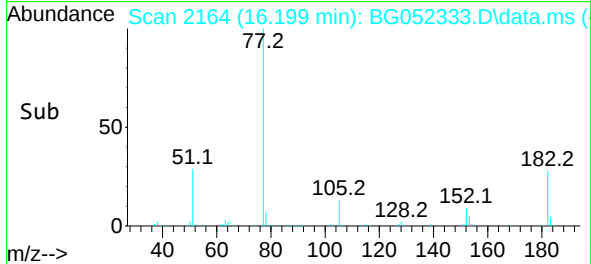
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



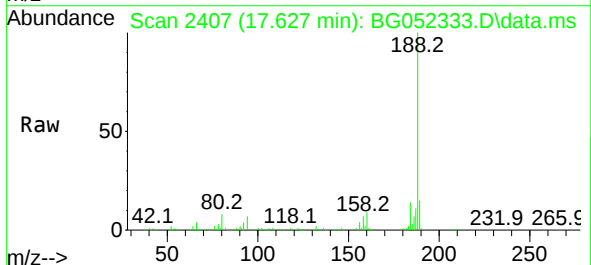
Tgt Ion: 77 Resp: 309200
Ion Ratio Lower Upper
77 100
182 26.7 4.1 44.1
105 19.3 0.0 37.5
51 29.8 14.3 54.3

Manual Integrations
APPROVED

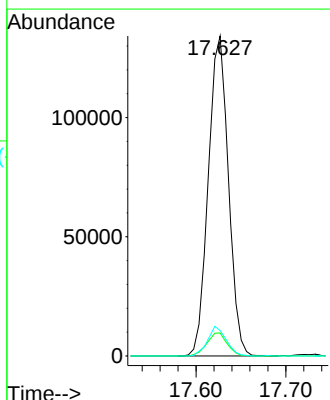
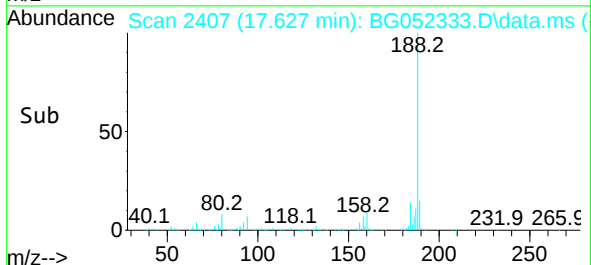
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

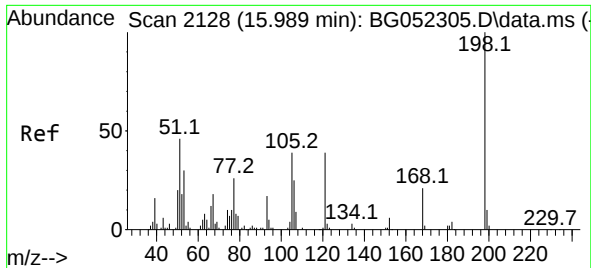


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2407
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



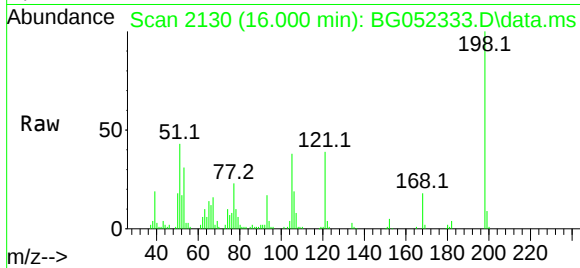
Tgt Ion:188 Resp: 208652
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.0 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 50.860 ng
RT: 16.000 min Scan# 2150
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

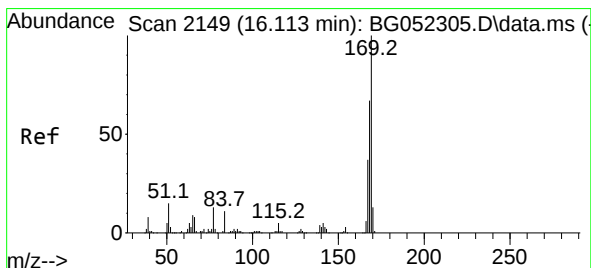
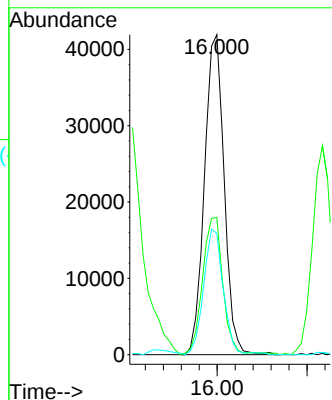
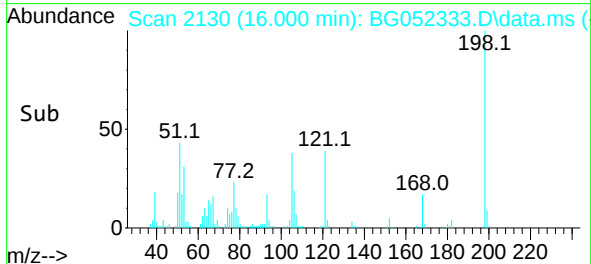
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



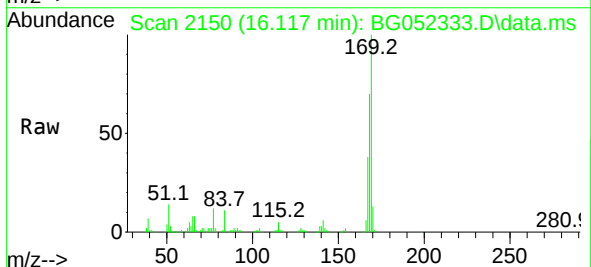
Tgt Ion:198 Resp: 63838
Ion Ratio Lower Upper
198 100
51 42.9 31.6 71.6
105 37.9 22.3 62.3

Manual Integrations
APPROVED

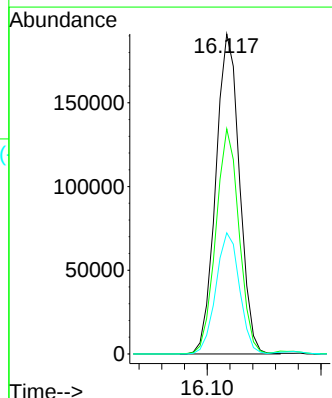
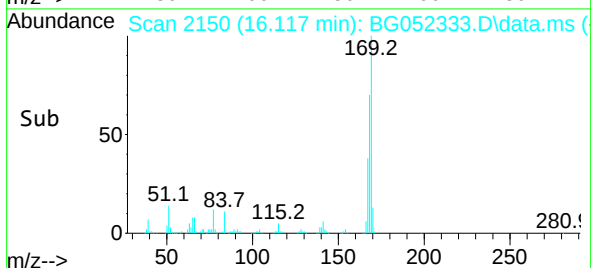
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

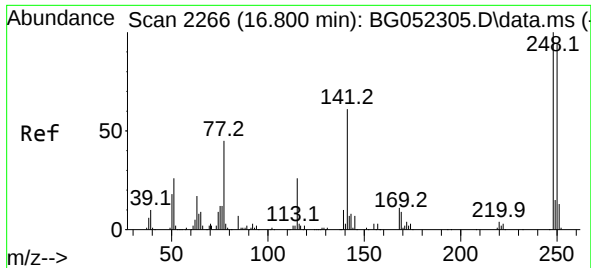


#66
n-Nitrosodiphenylamine
Concen: 48.109 ng
RT: 16.117 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:169 Resp: 276572
Ion Ratio Lower Upper
169 100
168 70.4 57.4 86.0
167 37.9 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 45.533 ng
RT: 16.804 min Scan# 211
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

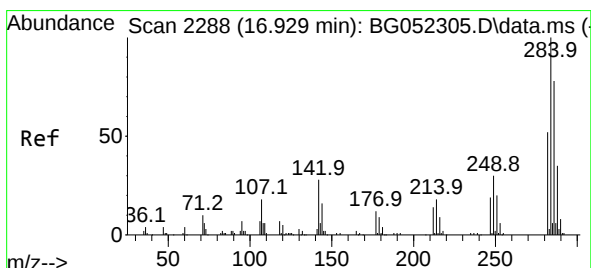
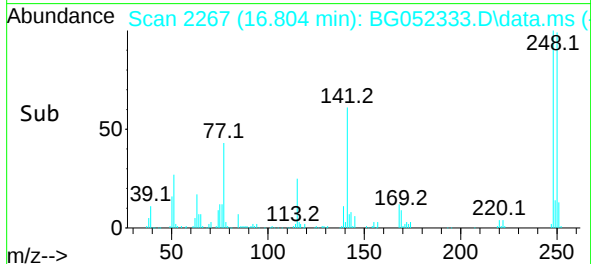
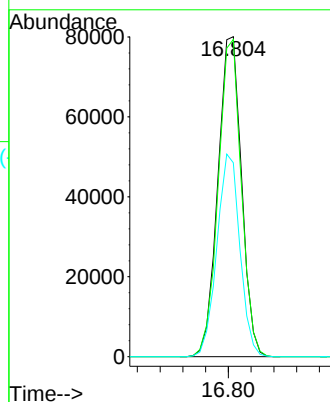
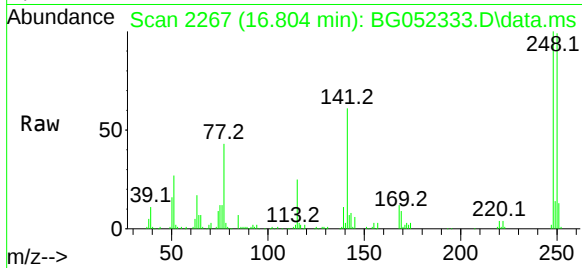
SB-5MSD

Tgt Ion:248 Resp: 11553
Ion Ratio Lower Upper
248 100
250 99.2 79.6 119.4
141 60.6 54.6 81.8

Manual Integrations

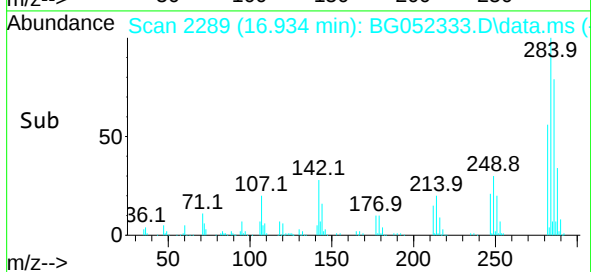
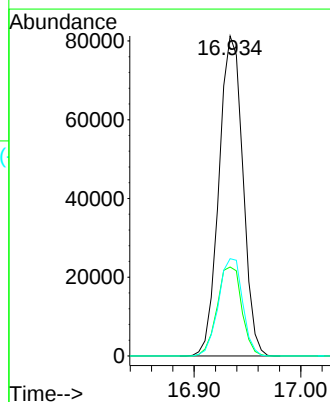
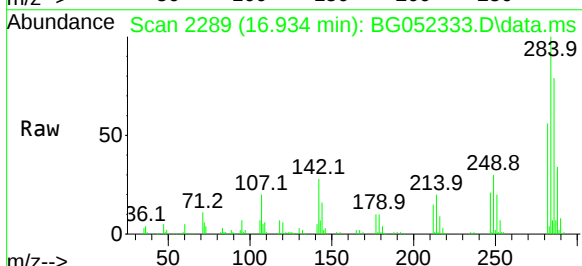
APPROVED

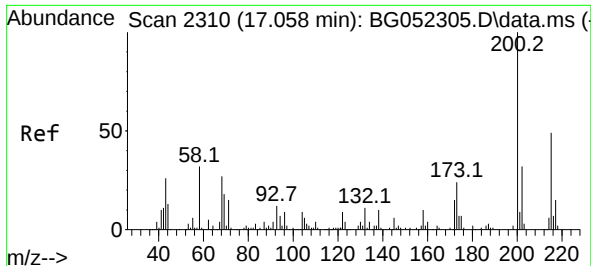
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#68
Hexachlorobenzene
Concen: 45.869 ng
RT: 16.934 min Scan# 2289
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

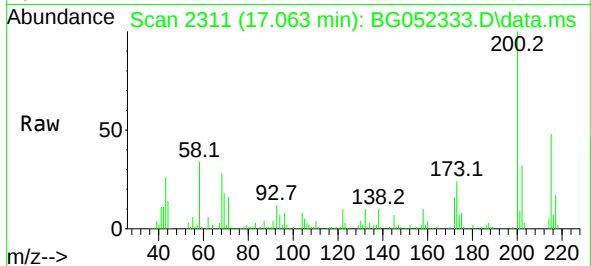
Tgt Ion:284 Resp: 126236
Ion Ratio Lower Upper
284 100
142 27.8 26.2 39.2
249 30.4 26.9 40.3





#69
Atrazine
Concen: 52.015 ng
RT: 17.063 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

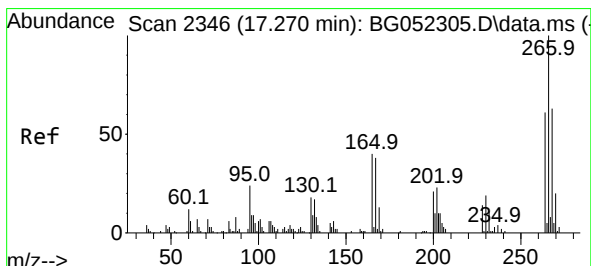
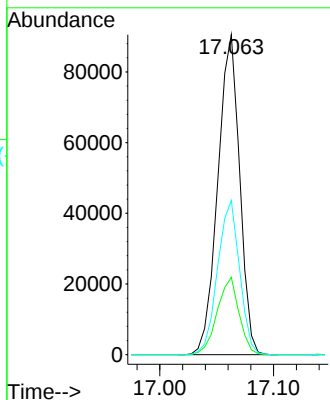
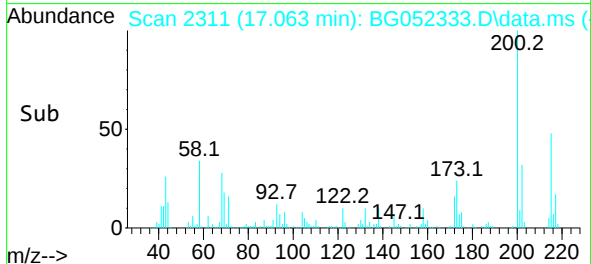
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



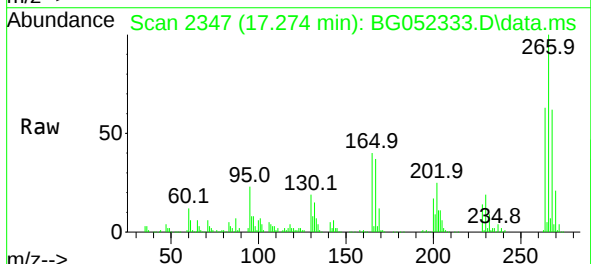
Tgt Ion:200 Resp: 120894
Ion Ratio Lower Upper
200 100
173 24.2 3.3 43.3
215 48.2 24.4 64.4

Manual Integrations
APPROVED

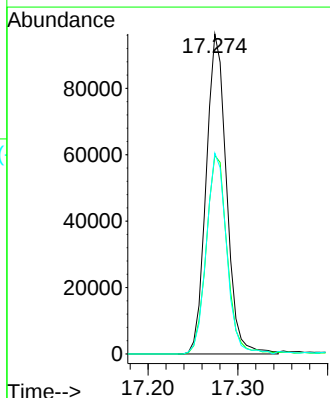
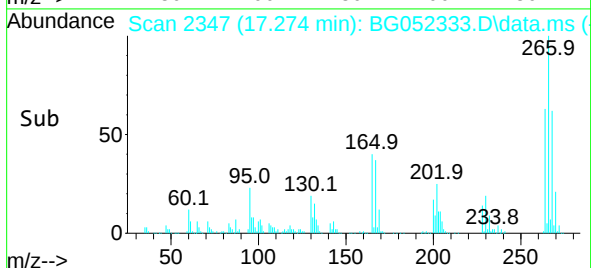
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

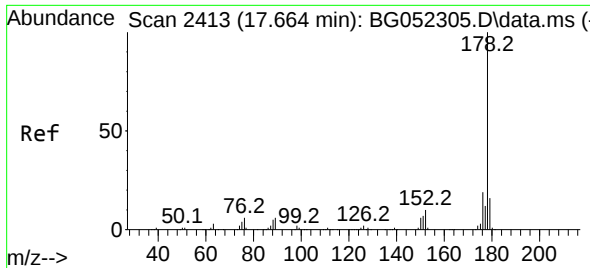


#70
Pentachlorophenol
Concen: 112.506 ng
RT: 17.274 min Scan# 2347
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



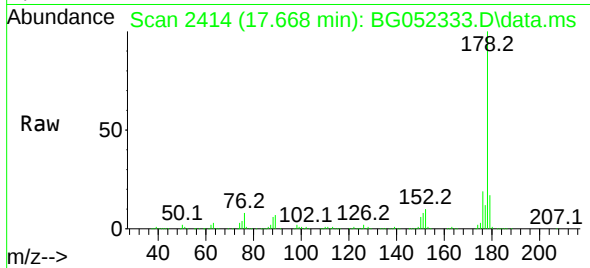
Tgt Ion:266 Resp: 151478
Ion Ratio Lower Upper
266 100
268 62.1 50.6 75.8
264 62.8 52.2 78.2





#71
Phenanthrene
Concen: 47.072 ng
RT: 17.668 min Scan# 2413
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

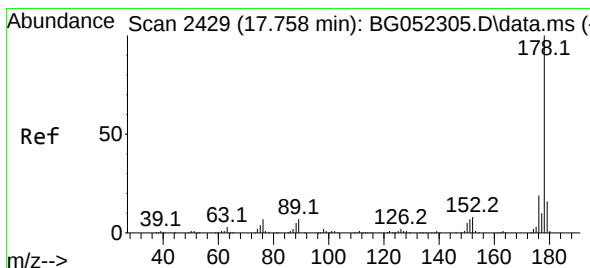
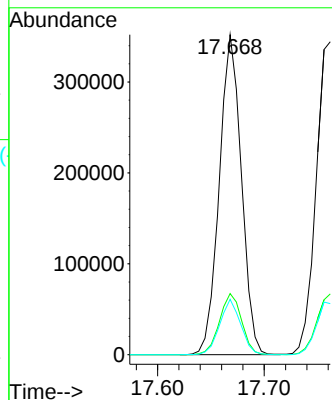
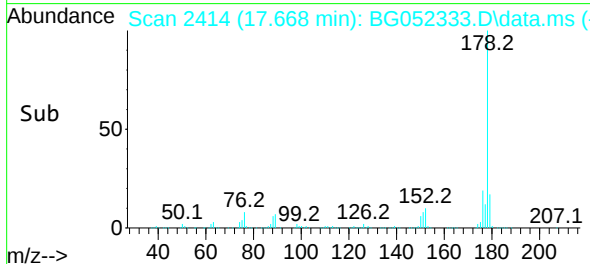
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



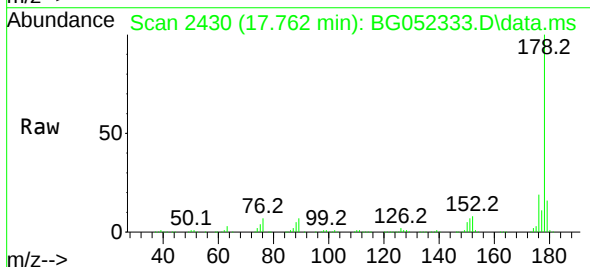
Tgt Ion:178 Resp: 506315
Ion Ratio Lower Upper
178 100
176 19.1 16.6 25.0
179 17.3 12.6 18.8

Manual Integrations
APPROVED

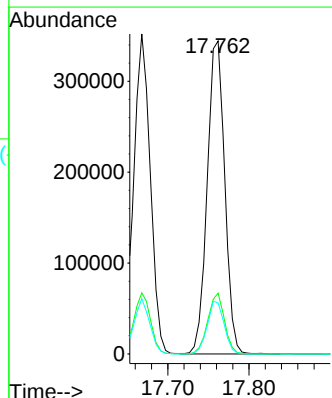
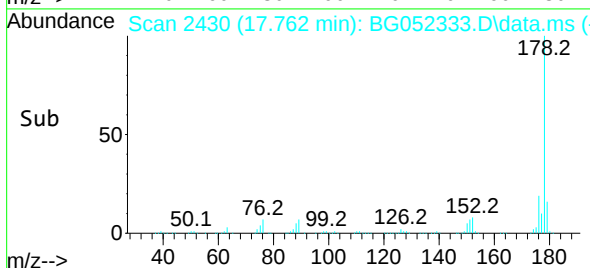
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

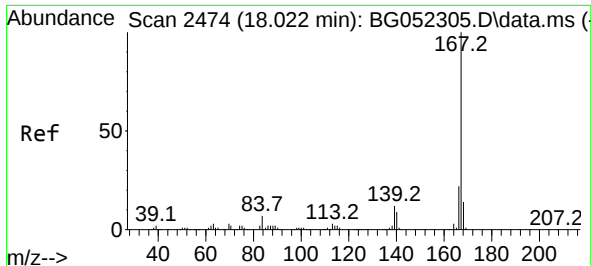


#72
Anthracene
Concen: 48.899 ng
RT: 17.762 min Scan# 2430
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



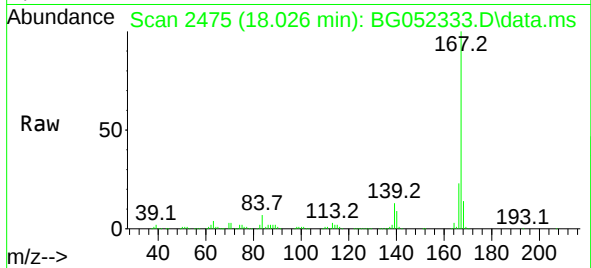
Tgt Ion:178 Resp: 515410
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.3 13.1 19.7





#73
 Carbazole
 Concen: 46.205 ng
 RT: 18.026 min Scan# 2474
 Delta R.T. 0.004 min
 Lab File: BG052333.D
 Acq: 9 Feb 2022 13:54

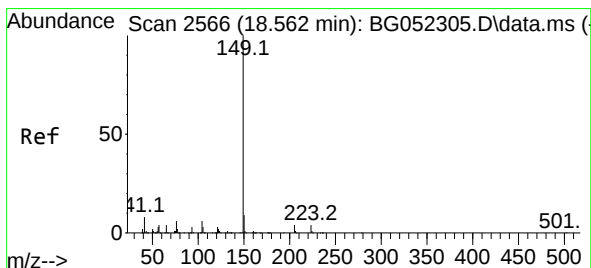
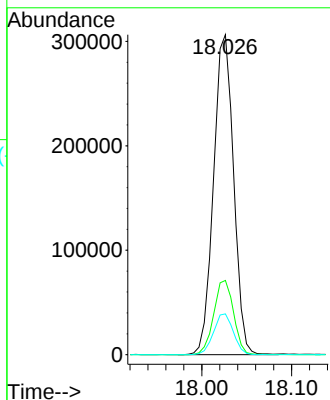
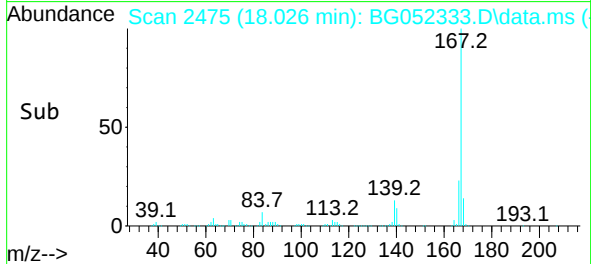
Instrument :
 BNA_G
 ClientSampleId :
 SB-5MSD



Tgt Ion:167 Resp: 474997
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.8 26.6
 139 12.8 10.6 16.0

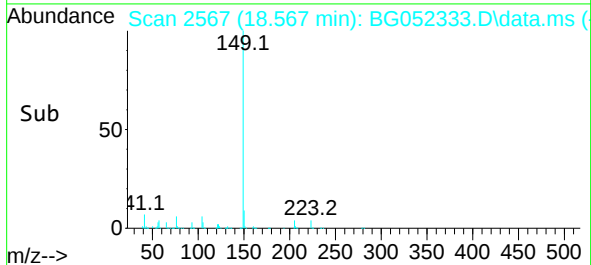
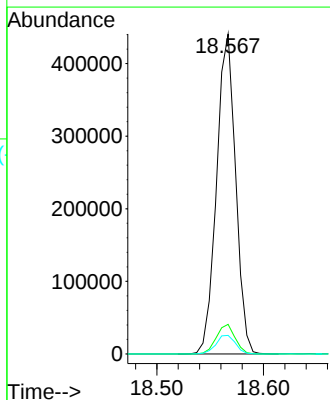
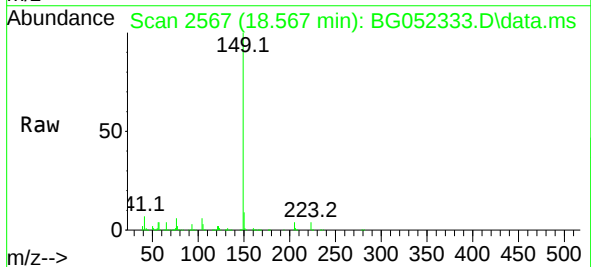
Manual Integrations
 APPROVED

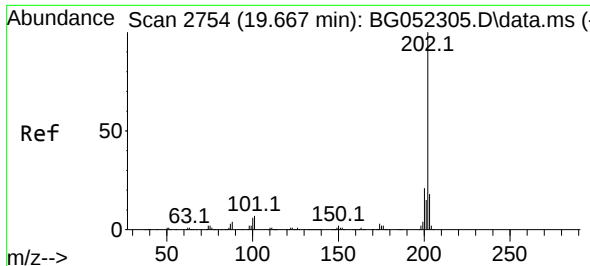
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#74
 Di-n-butylphthalate
 Concen: 48.778 ng
 RT: 18.567 min Scan# 2567
 Delta R.T. 0.004 min
 Lab File: BG052333.D
 Acq: 9 Feb 2022 13:54

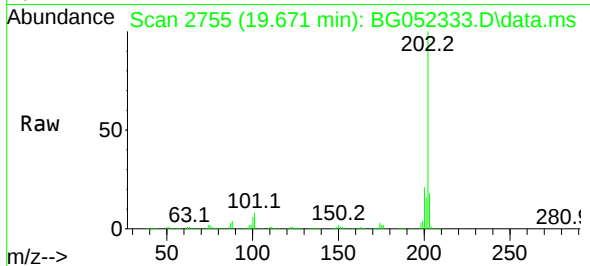
Tgt Ion:149 Resp: 546342
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 45.968 ng
RT: 19.671 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

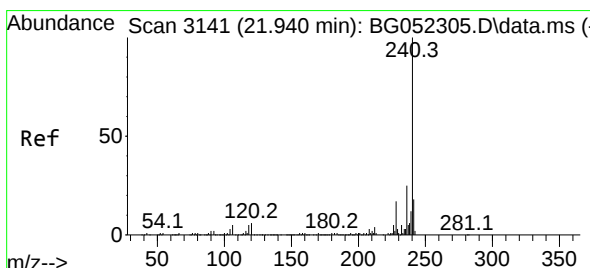
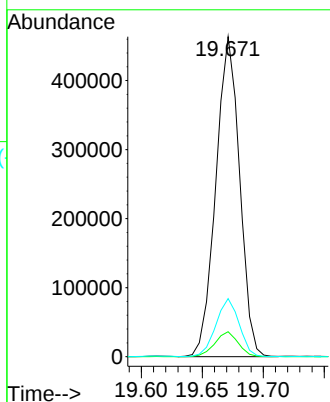
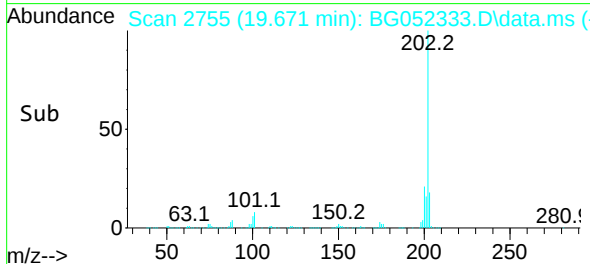
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:202 Resp: 62958
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.1 0.0 37.8

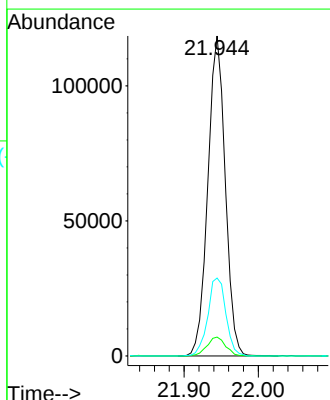
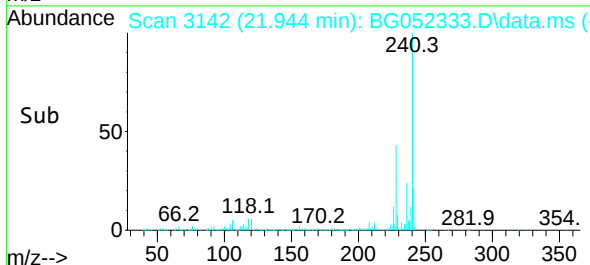
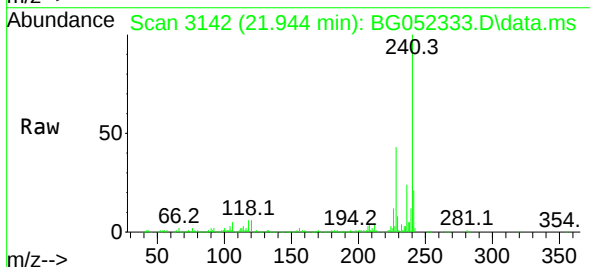
Manual Integrations
APPROVED

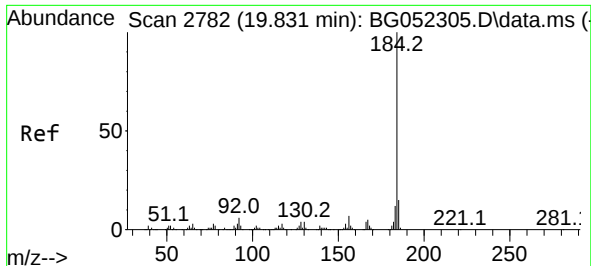
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.944 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

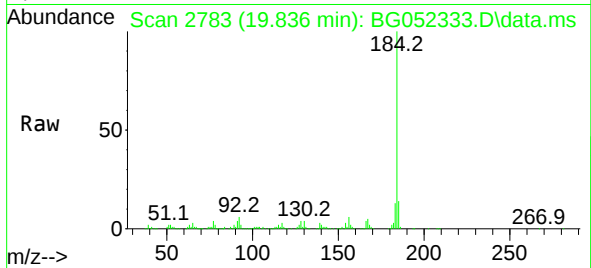
Tgt Ion:240 Resp: 192741
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 24.3 20.8 31.2





#77
Benzidine
Concen: 77.623 ng
RT: 19.836 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

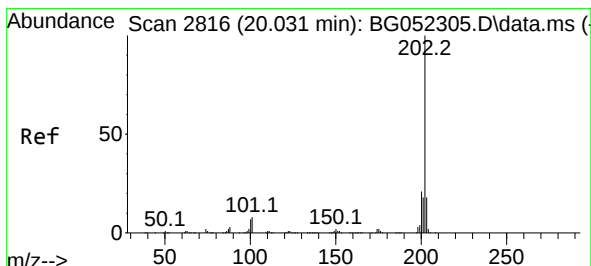
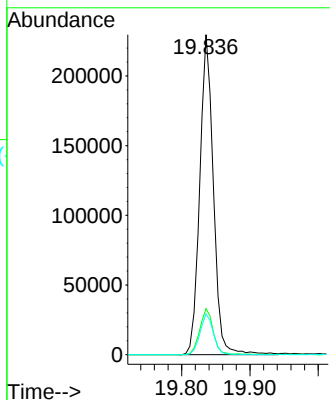
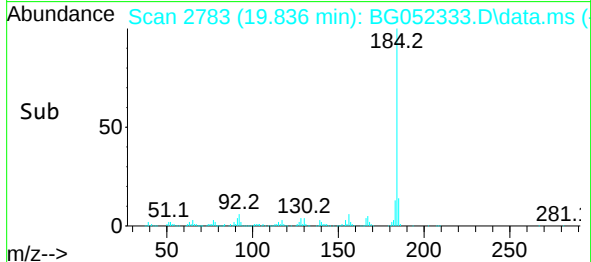
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



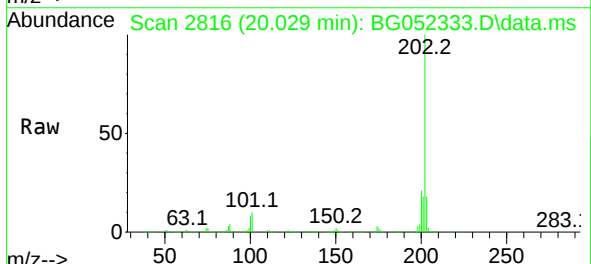
Tgt Ion:184 Resp: 319680
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.8 9.8 14.6

Manual Integrations
APPROVED

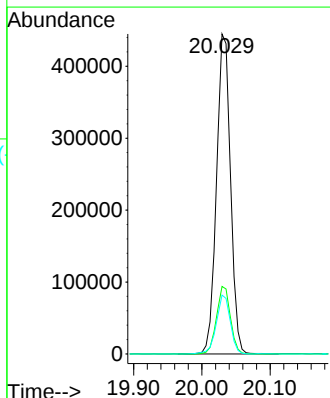
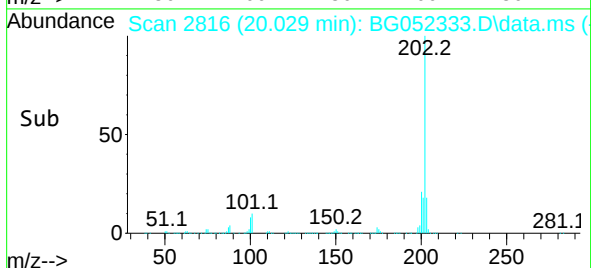
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

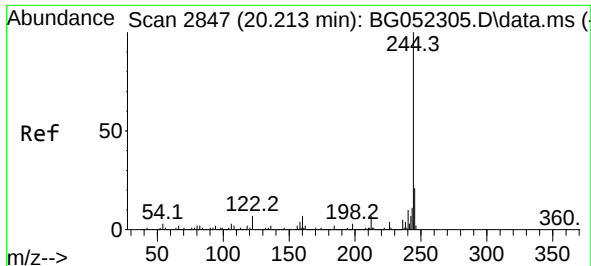


#78
Pyrene
Concen: 49.213 ng
RT: 20.029 min Scan# 2816
Delta R.T. -0.001 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



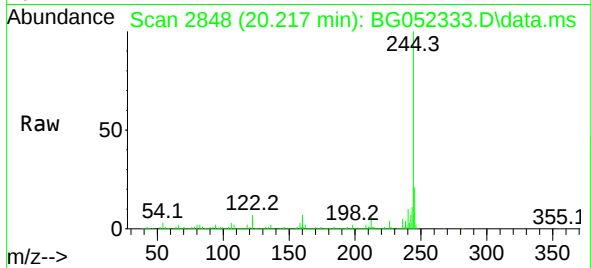
Tgt Ion:202 Resp: 634699
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.4 14.5 21.7





#79
 Terphenyl-d14
 Concen: 71.845 ng
 RT: 20.217 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG052333.D
 Acq: 9 Feb 2022 13:54

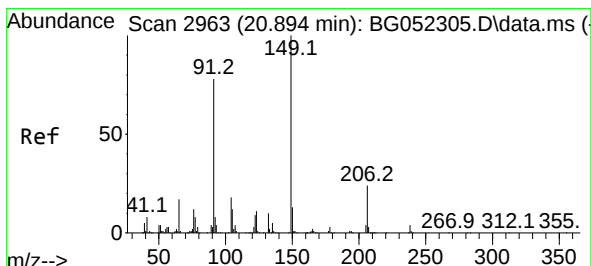
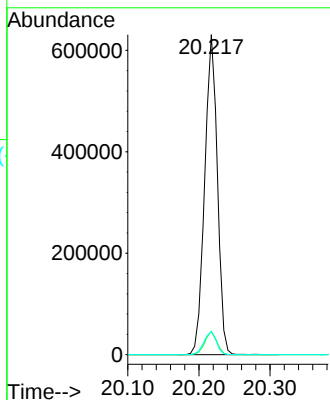
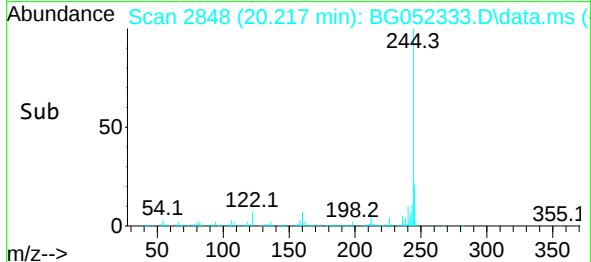
Instrument :
 BNA_G
 ClientSampleId :
 SB-5MSD



Tgt Ion:244 Resp: 784170
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.2 6.2 9.4

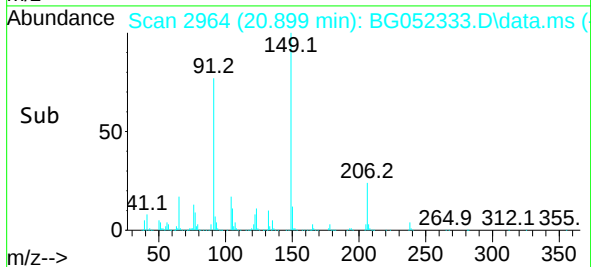
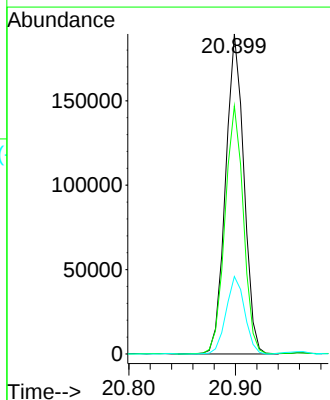
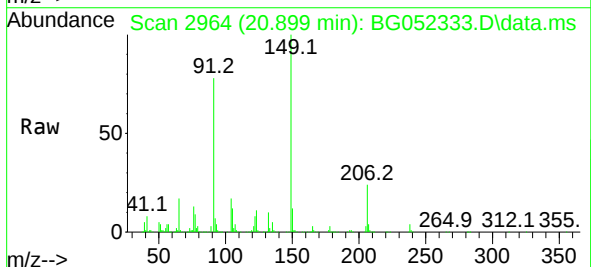
Manual Integrations
 APPROVED

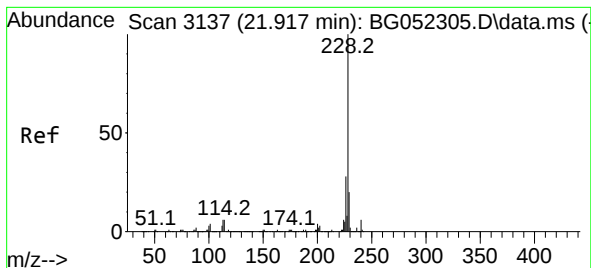
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#80
 Butylbenzylphthalate
 Concen: 50.624 ng
 RT: 20.899 min Scan# 2964
 Delta R.T. 0.004 min
 Lab File: BG052333.D
 Acq: 9 Feb 2022 13:54

Tgt Ion:149 Resp: 226792
 Ion Ratio Lower Upper
 149 100
 91 77.5 64.0 96.0
 206 24.2 19.3 28.9





#81

Benzo(a)anthracene

Concen: 46.756 ng

RT: 21.921 min Scan# 3137

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

Tgt Ion:228 Resp: 59634

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

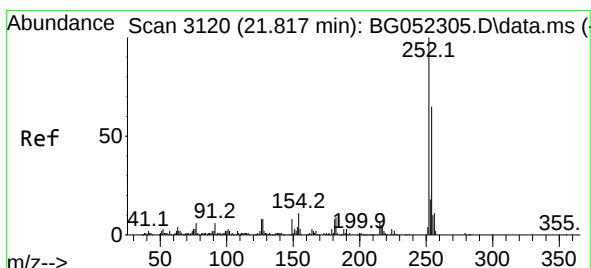
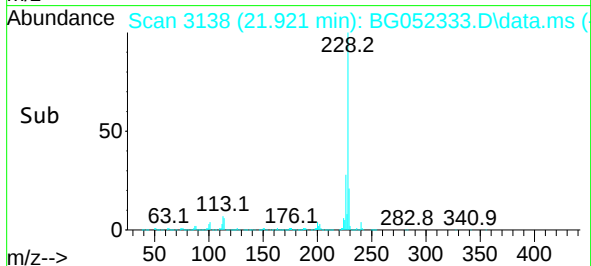
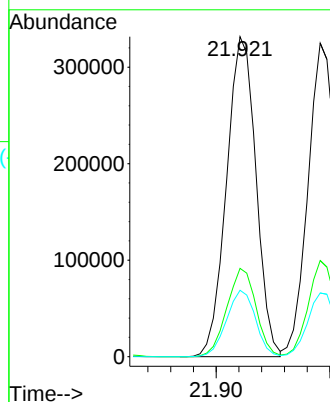
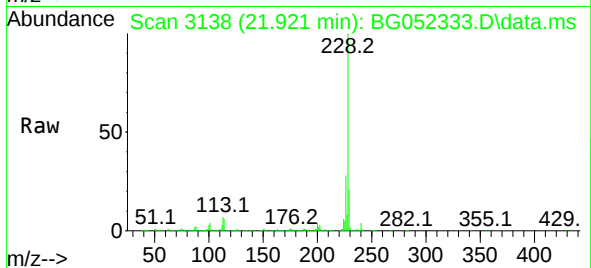
229 20.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#82

3,3'-Dichlorobenzidine

Concen: 37.967 ng

RT: 21.821 min Scan# 3121

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

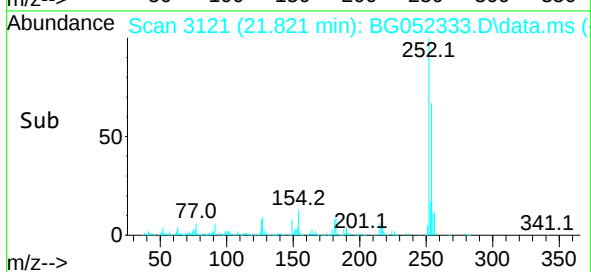
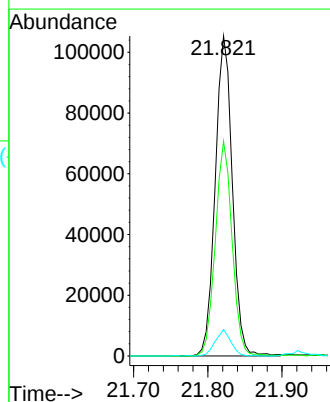
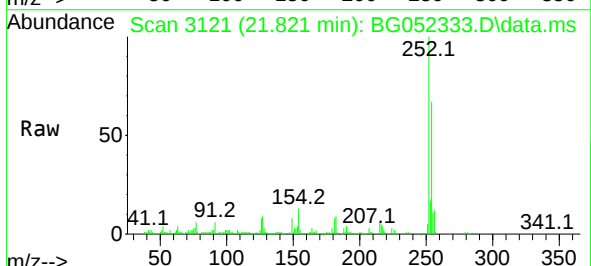
Tgt Ion:252 Resp: 169054

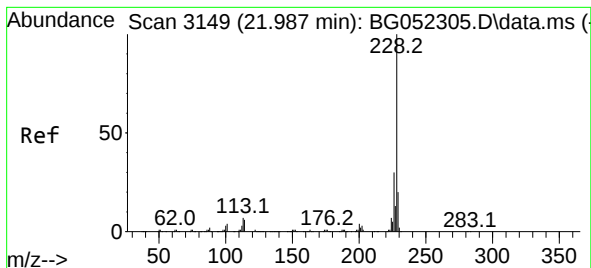
Ion Ratio Lower Upper

252 100

254 67.1 52.6 79.0

126 8.3 6.4 9.6





#83

Chrysene

Concen: 46.155 ng

RT: 21.991 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

Tgt Ion:228 Resp: 557839

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

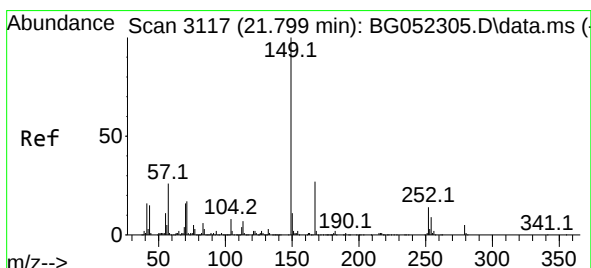
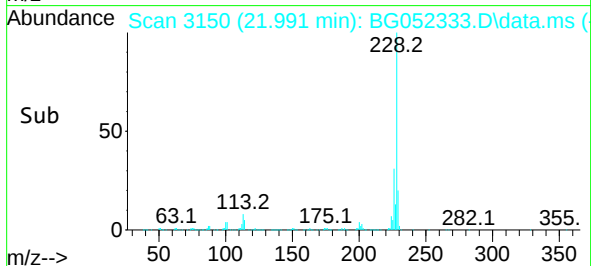
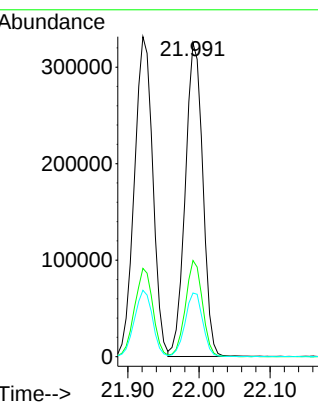
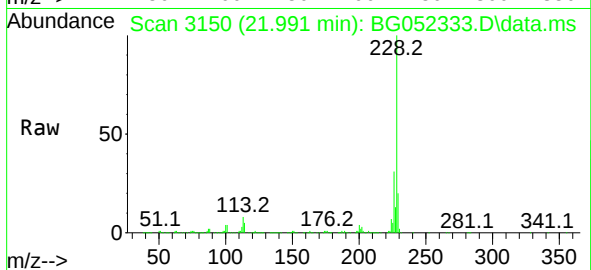
229 20.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.183 ng

RT: 21.798 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

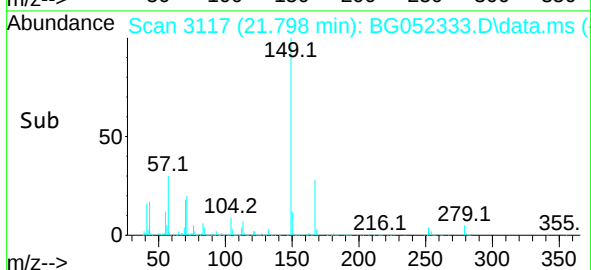
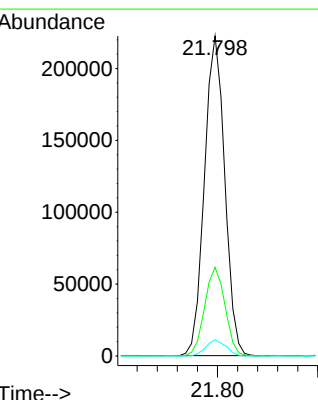
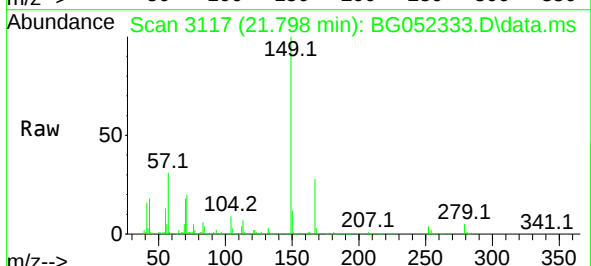
Tgt Ion:149 Resp: 311736

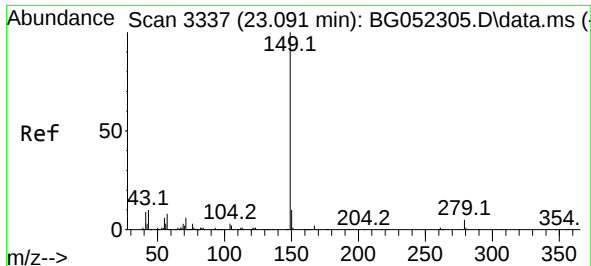
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

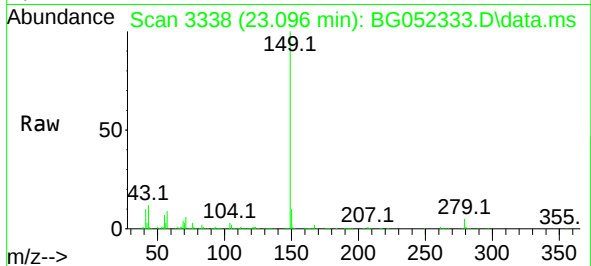
279 5.1 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 50.071 ng
RT: 23.096 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

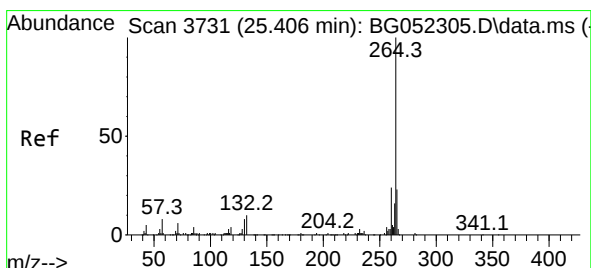
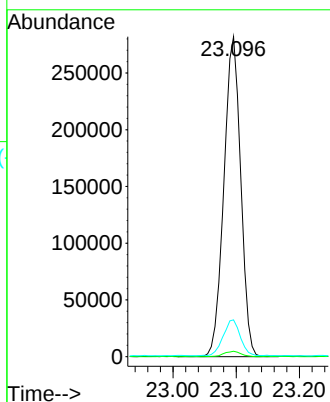
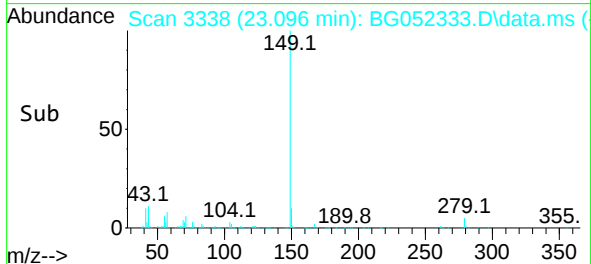
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



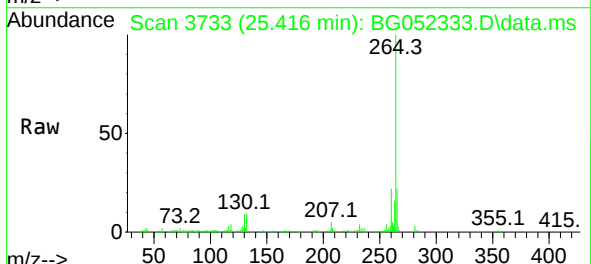
Tgt Ion:149 Resp: 52148
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.3 10.0 15.0

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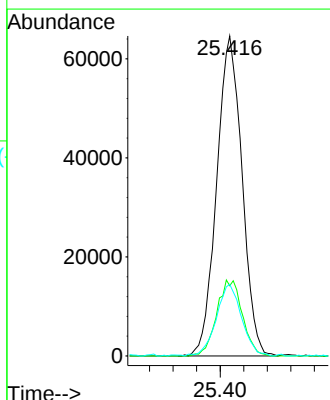
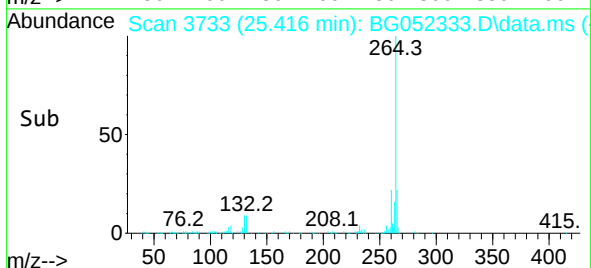
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

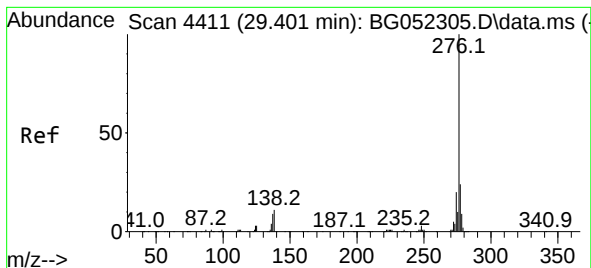


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.416 min Scan# 3733
Delta R.T. 0.010 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54



Tgt Ion:264 Resp: 193106
Ion Ratio Lower Upper
264 100
260 22.0 18.5 27.7
265 22.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.730 ng

RT: 29.434 min Scan# 4417

Delta R.T. 0.034 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

Tgt Ion:276 Resp: 660350

Ion Ratio Lower Upper

276 100

138 9.9 6.1 9.1

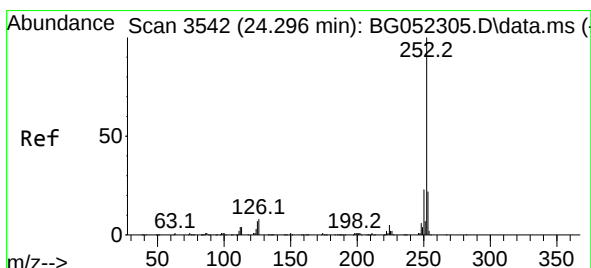
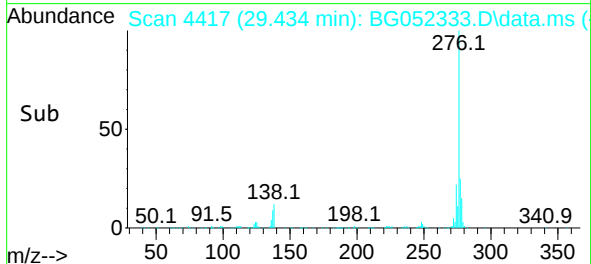
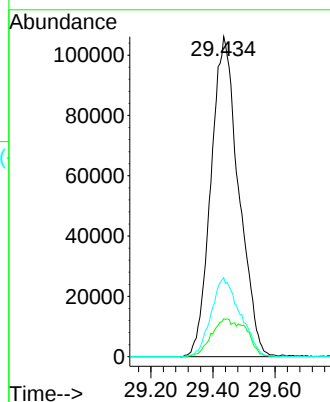
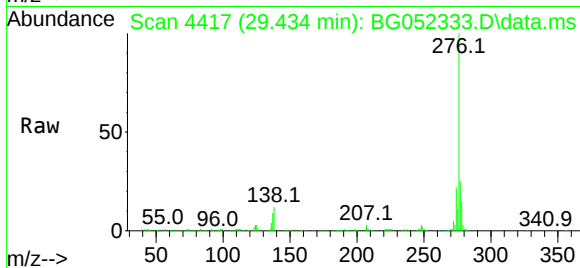
277 25.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#88

Benzo(b)fluoranthene

Concen: 51.765 ng

RT: 24.312 min Scan# 3545

Delta R.T. 0.016 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

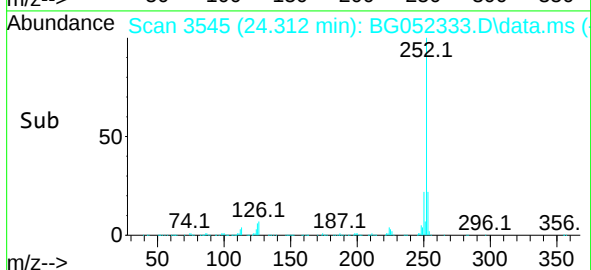
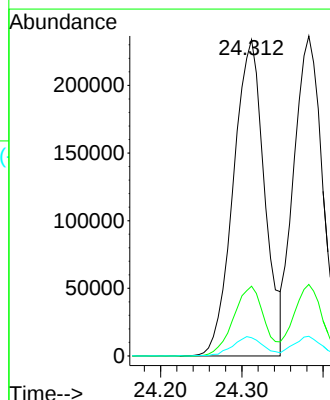
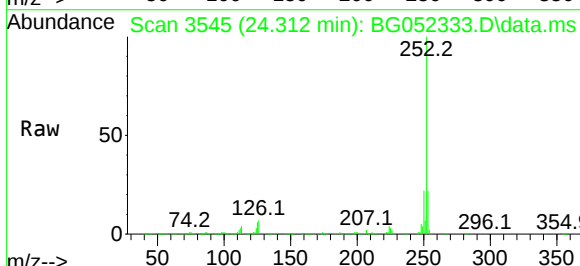
Tgt Ion:252 Resp: 622910

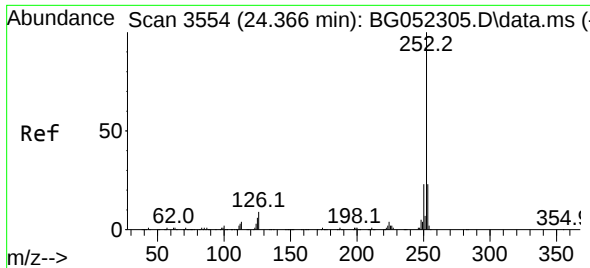
Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

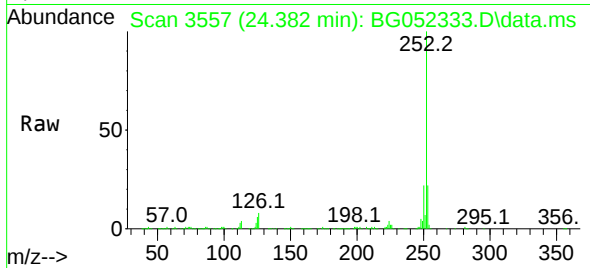
125 5.8 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 48.156 ng
RT: 24.382 min Scan# 30
Delta R.T. 0.016 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

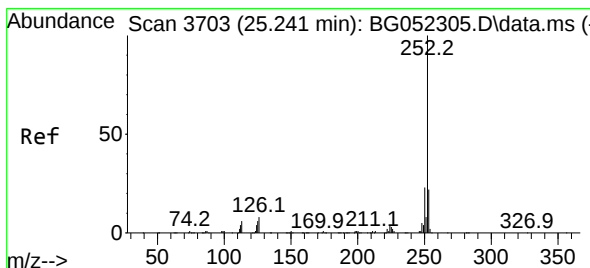
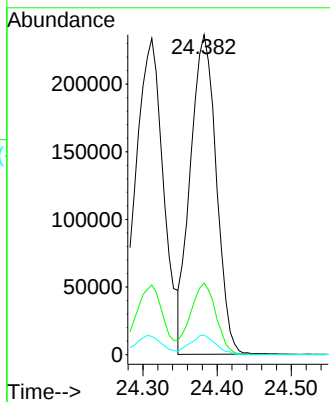
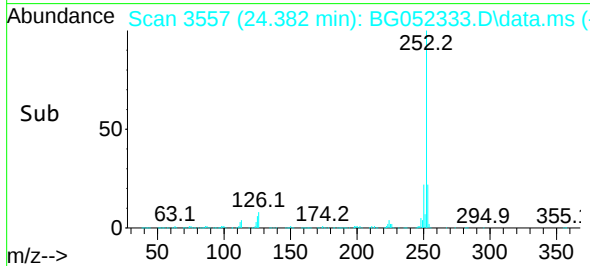
Instrument :
BNA_G
ClientSampleId :
SB-5MSD



Tgt Ion:252 Resp: 572452
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 6.1 4.6 7.0

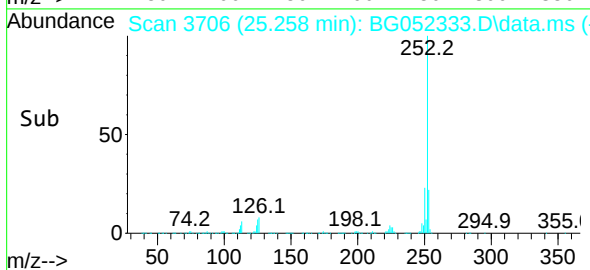
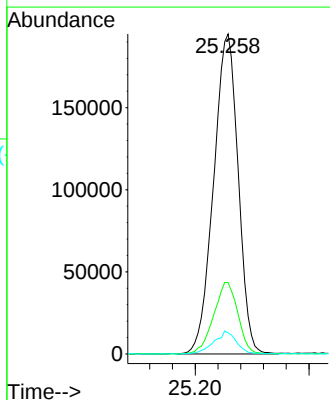
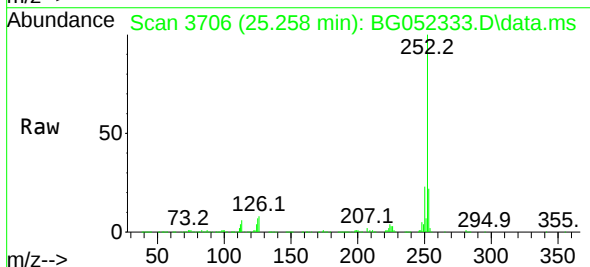
Manual Integrations
APPROVED

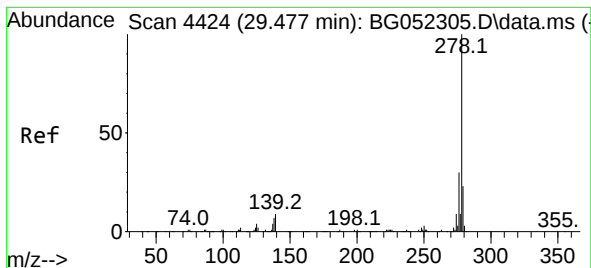
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#90
Benzo(a)pyrene
Concen: 57.499 ng
RT: 25.258 min Scan# 3706
Delta R.T. 0.016 min
Lab File: BG052333.D
Acq: 9 Feb 2022 13:54

Tgt Ion:252 Resp: 584480
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 48.538 ng

RT: 29.493 min Scan# 4427

Delta R.T. 0.016 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SB-5MSD

Tgt Ion:278 Resp: 566608

Ion Ratio Lower Upper

278 100

139 8.7 6.4 9.6

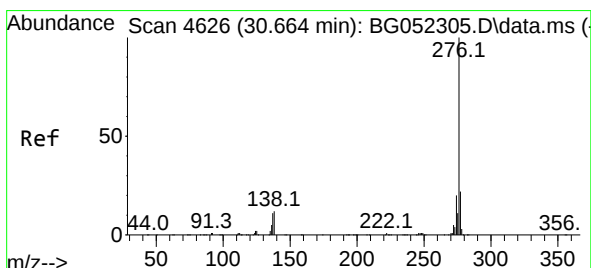
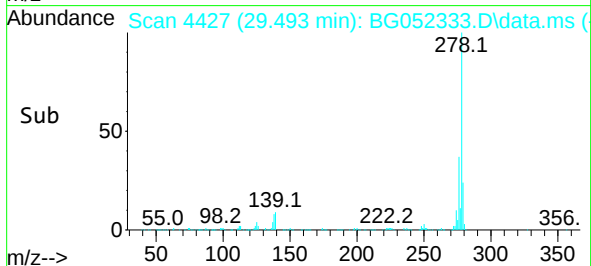
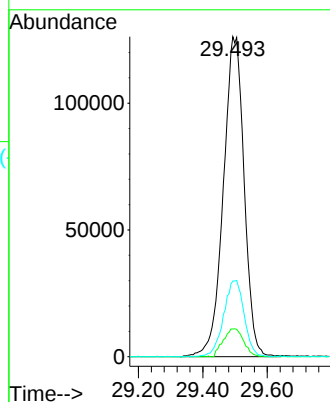
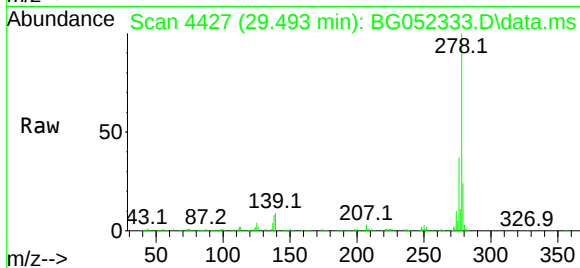
279 23.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#92

Benzo(g,h,i)perylene

Concen: 49.050 ng

RT: 30.686 min Scan# 4630

Delta R.T. 0.022 min

Lab File: BG052333.D

Acq: 9 Feb 2022 13:54

Tgt Ion:276 Resp: 561933

Ion Ratio Lower Upper

276 100

277 24.0 18.2 27.2

138 12.4 9.1 13.7

