

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053122.D
 Acq On : 12 Apr 2022 16:38
 Operator : CG/JU
 Sample : N2364-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 13 06:13:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	34235	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	138138	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	102955	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	233579	20.000	ng	0.00
76) Chrysene-d12	21.769	240	230992	20.000	ng	0.00
86) Perylene-d12	25.065	264	241477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	265381	132.879	ng	0.00
7) Phenol-d6	7.283	99	383069	124.380	ng	0.00
23) Nitrobenzene-d5	9.286	82	261821	76.958	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	186401	113.800	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	571798	76.582	ng	0.00
79) Terphenyl-d14	20.089	244	940448	68.761	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.564	88	38269	40.124	ng	# 89
3) Pyridine	3.964	79	101160	40.215	ng	# 86
4) n-Nitrosodimethylamine	3.876	42	61581	49.436	ng	80
6) Aniline	7.441	93	148681	41.655	ng	99
8) 2-Chlorophenol	7.688	128	112712	52.276	ng	97
9) Benzaldehyde	7.253	77	89849m	48.805	ng	
10) Phenol	7.306	94	159332	51.973	ng	91
11) bis(2-Chloroethyl)ether	7.529	93	105964	47.950	ng	93
12) 1,3-Dichlorobenzene	8.011	146	120298	48.015	ng	96
13) 1,4-Dichlorobenzene	8.158	146	122444	47.937	ng	98
14) 1,2-Dichlorobenzene	8.481	146	117113	47.547	ng	98
15) Benzyl Alcohol	8.358	79	131814	48.151	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.640	45	166102	45.021	ng	98
17) 2-Methylphenol	8.563	107	105524	50.866	ng	94
18) Hexachloroethane	9.210	117	46060	48.088	ng	94
19) n-Nitroso-di-n-propyla...	8.922	70	103609	45.951	ng	96
20) 3+4-Methylphenols	8.886	107	143655	49.053	ng	92
22) Acetophenone	8.939	105	180666	47.142	ng	96
24) Nitrobenzene	9.327	77	157471	47.587	ng	91
25) Isophorone	9.850	82	282236	48.808	ng	# 98
26) 2-Nitrophenol	10.038	139	63756	46.075	ng	# 87
27) 2,4-Dimethylphenol	10.097	122	112846	56.942	ng	92
28) bis(2-Chloroethoxy)met...	10.326	93	151687	46.692	ng	95
29) 2,4-Dichlorophenol	10.578	162	124428	49.943	ng	96
30) 1,2,4-Trichlorobenzene	10.796	180	131467	46.624	ng	99
31) Naphthalene	10.984	128	343258	46.576	ng	99
32) Benzoic acid	10.243	122	66963m	51.623	ng	
33) 4-Chloroaniline	11.083	127	82206	26.047	ng	98
34) Hexachlorobutadiene	11.271	225	94479	45.107	ng	96
35) Caprolactam	11.853	113	38940m	44.342	ng	
36) 4-Chloro-3-methylphenol	12.205	107	138393	47.714	ng	95
37) 2-Methylnaphthalene	12.581	142	247121	45.315	ng	96
38) 1-Methylnaphthalene	12.799	142	243161m	45.680	ng	
40) 1,2,4,5-Tetrachloroben...	12.946	216	163420	46.735	ng	99
41) Hexachlorocyclopentadiene	12.928	237	202112	111.969	ng	93
43) 2,4,6-Trichlorophenol	13.181	196	112148	46.518	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	121503	47.295	ng	96
46) 1,1'-Biphenyl	13.580	154	348832	47.049	ng	97
47) 2-Chloronaphthalene	13.621	162	273527	46.241	ng	95
48) 2-Nitroaniline	13.821	65	101510	45.220	ng	91
49) Acenaphthylene	14.467	152	458243	49.488	ng	98
50) Dimethylphthalate	14.191	163	356713	43.318	ng	99
51) 2,6-Dinitrotoluene	14.309	165	78596	45.751	ng	# 82
52) Acenaphthene	14.808	154	334140m	53.212	ng	
53) 3-Nitroaniline	14.637	138	52799	29.066	ng	# 88
54) 2,4-Dinitrophenol	14.849	184	105805	96.795	ng	# 92
55) Dibenzofuran	15.143	168	437582	44.503	ng	99
56) 4-Nitrophenol	14.949	139	127806	92.251	ng	# 71
57) 2,4-Dinitrotoluene	15.096	165	112387	45.951	ng	# 91
58) Fluorene	15.789	166	355395	44.752	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	110090	44.126	ng	98
60) Diethylphthalate	15.548	149	374067	43.355	ng	100
61) 4-Chlorophenyl-phenyle...	15.777	204	196215	43.586	ng	98
62) 4-Nitroaniline	15.801	138	79669	41.563	ng	# 76
63) Azobenzene	16.065	77	374033	42.998	ng	99
65) 4,6-Dinitro-2-methylph...	15.859	198	71700	43.998	ng	96
66) n-Nitrosodiphenylamine	15.989	169	320287	47.683	ng	98
67) 4-Bromophenyl-phenylether	16.670	248	139432	46.587	ng	96
68) Hexachlorobenzene	16.799	284	152696	47.110	ng	94
69) Atrazine	16.934	200	135133	51.503	ng	96
70) Pentachlorophenol	17.140	266	181211	102.297	ng	94
71) Phenanthrene	17.528	178	597302	46.816	ng	98
72) Anthracene	17.622	178	601648	47.600	ng	99
73) Carbazole	17.886	167	543280	44.217	ng	100
74) Di-n-butylphthalate	18.432	149	614842	44.123	ng	98
75) Fluoranthene	19.537	202	718510	43.934	ng	99
77) Benzidine	19.707	184	418987	63.574	ng	99
78) Pyrene	19.895	202	726066	44.134	ng	98
80) Butylbenzylphthalate	20.770	149	272353	44.406	ng	98
81) Benzo(a)anthracene	21.751	228	731544	46.319	ng	99
82) 3,3'-Dichlorobenzidine	21.657	252	159475	27.456	ng	96
83) Chrysene	21.816	228	671510	45.813	ng	100
84) Bis(2-ethylhexyl)phtha...	21.646	149	381012	45.958	ng	99
85) Di-n-octyl phthalate	22.879	149	641911	46.296	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.848	276	810934	45.202	ng	# 97
88) Benzo(b)fluoranthene	24.019	252	751476	49.323	ng	98
89) Benzo(k)fluoranthene	24.089	252	705546	47.118	ng	98
90) Benzo(a)pyrene	24.918	252	716592	55.209	ng	97
91) Dibenzo(a,h)anthracene	28.906	278	700047	47.410	ng	97
92) Benzo(g,h,i)perylene	30.023	276	692779	47.601	ng	99

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

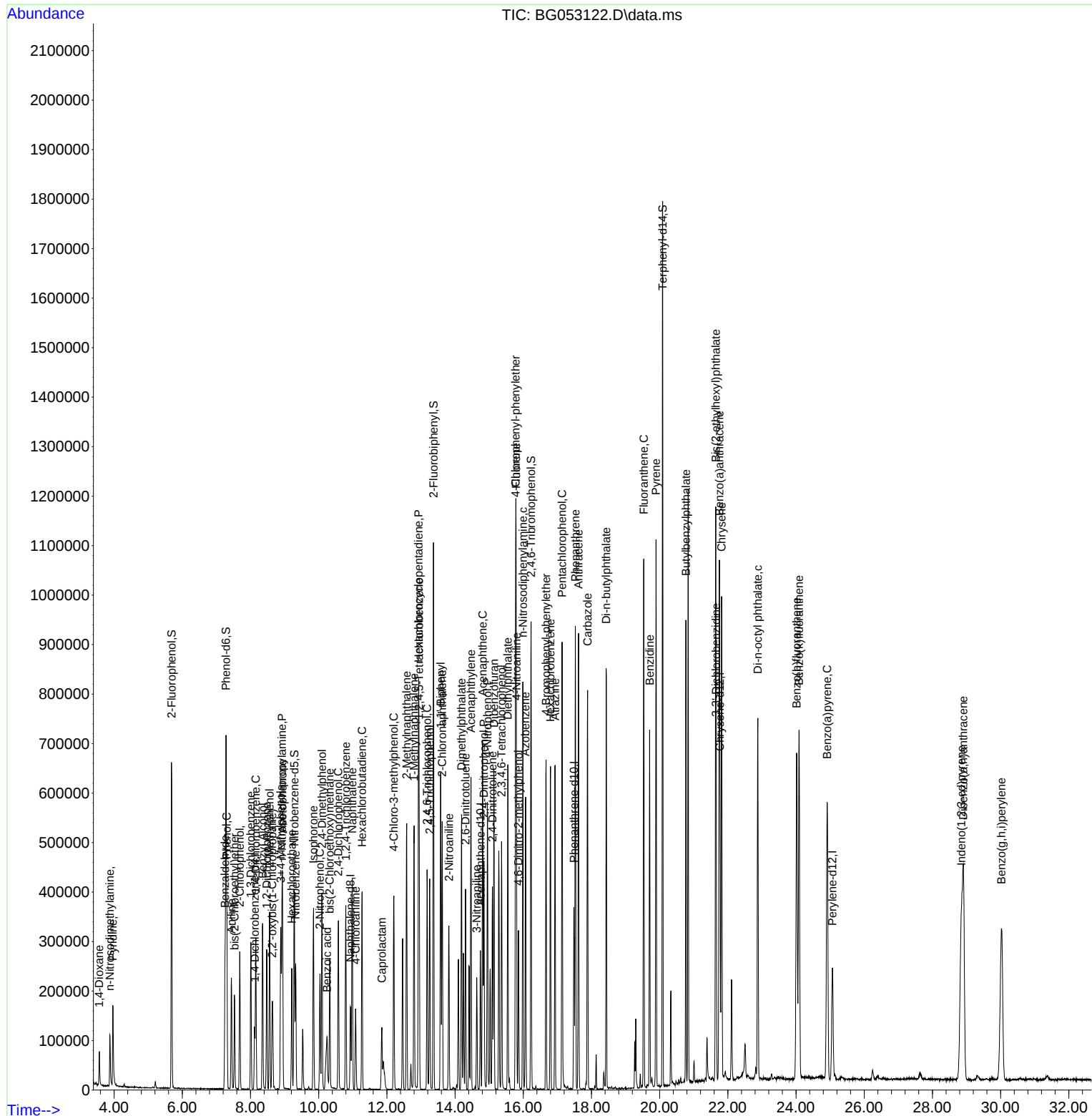
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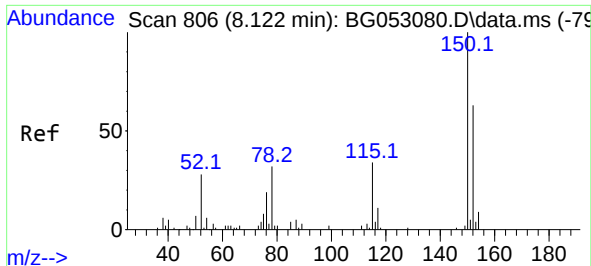
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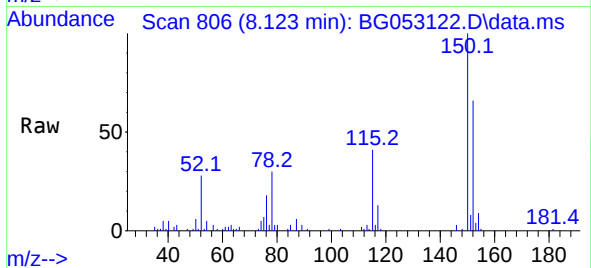
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

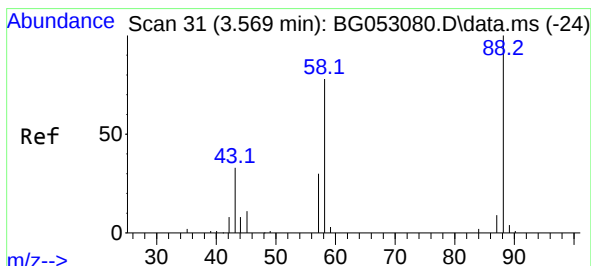
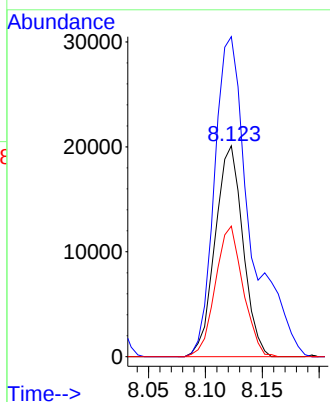
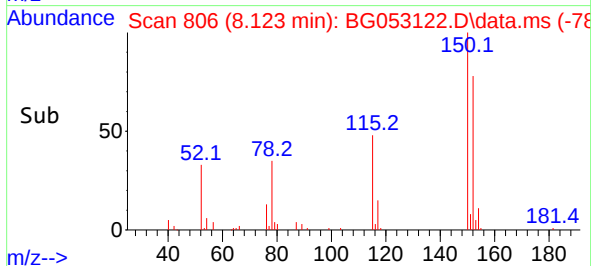
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BNA_G
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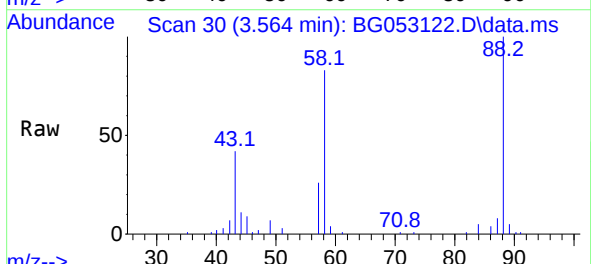
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Ion Ratio Lower Upper
152 100
150 151.8 114.6 172.0
115 62.0 45.9 68.9

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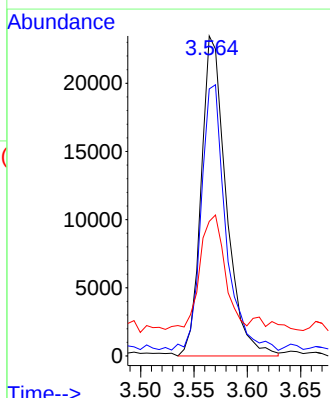
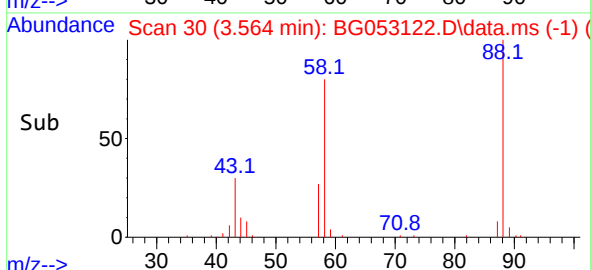
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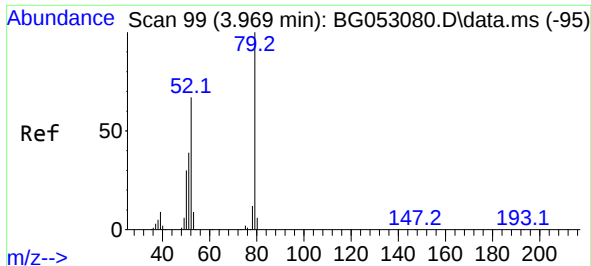


#2
1,4-Dioxane
Concen: 40.124 ng
RT: 3.564 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



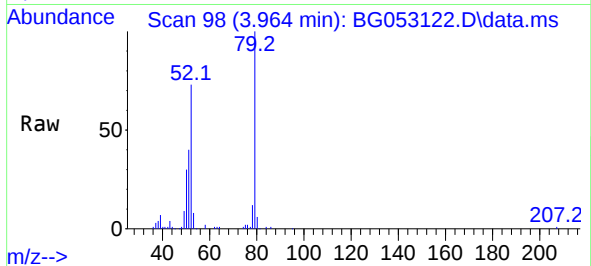
Tgt Ion: 88 Resp: 38269
Ion Ratio Lower Upper
88 100
58 81.5 58.2 87.2
43 35.7 23.4 35.0#





#3
Pyridine
Concen: 40.215 ng
RT: 3.964 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

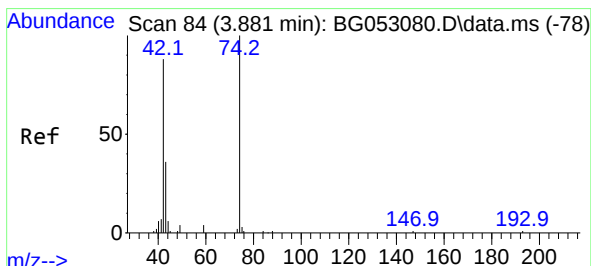
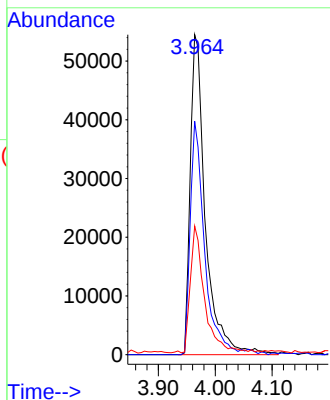
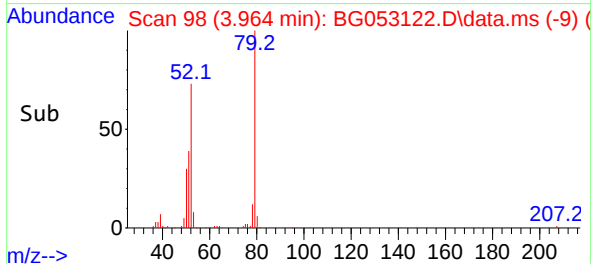
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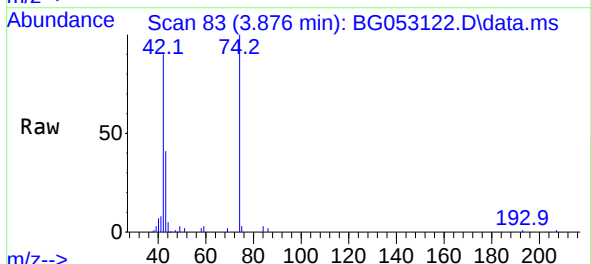
Tgt Ion: 79 Resp: 101160
Ion Ratio Lower Upper
79 100
52 73.0 50.9 76.3
51 40.2 24.4 36.6

Manual Integrations
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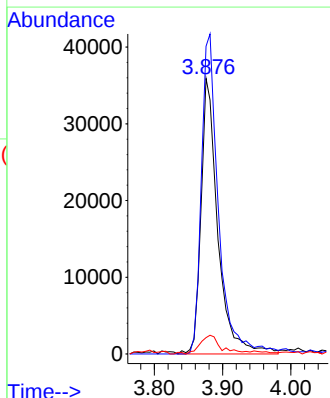
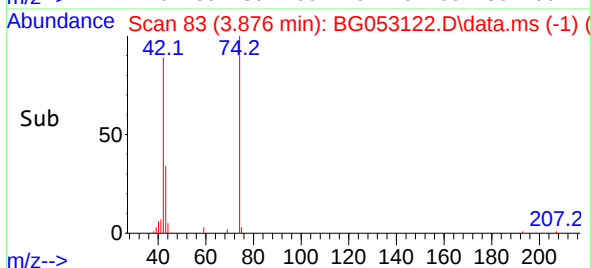
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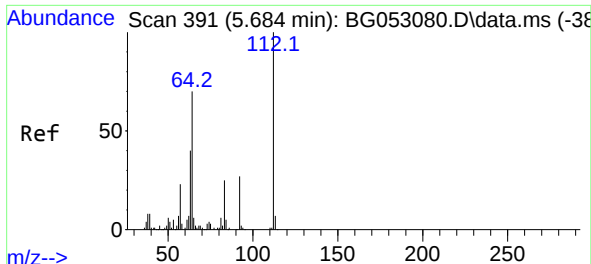


#4
n-Nitrosodimethylamine
Concen: 49.436 ng
RT: 3.876 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



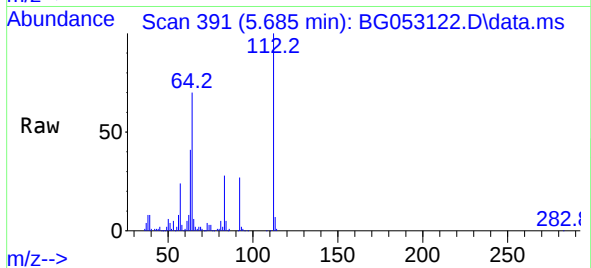
Tgt Ion: 42 Resp: 61581
Ion Ratio Lower Upper
42 100
74 111.7 108.9 163.3
44 5.9 5.7 8.5





#5
2-Fluorophenol
Concen: 132.879 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

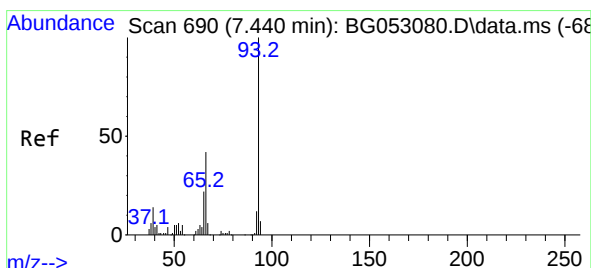
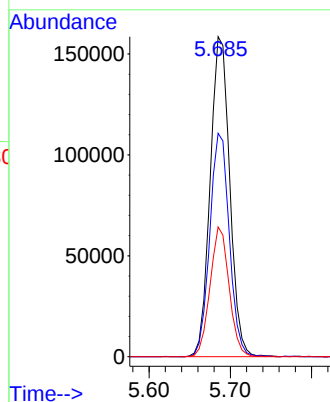
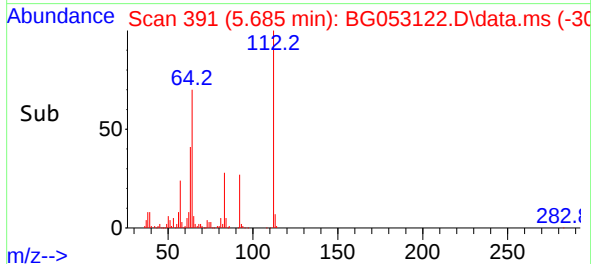
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ClientSampleId :
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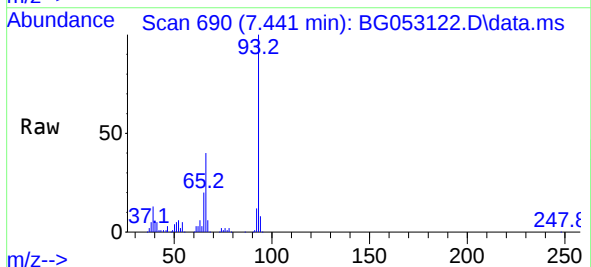
Tgt Ion:112 Resp: 26538
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 40.5 26.5 39.7

Manual Integrations
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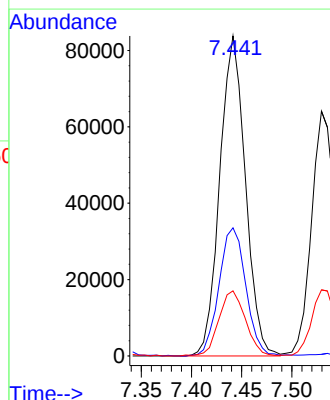
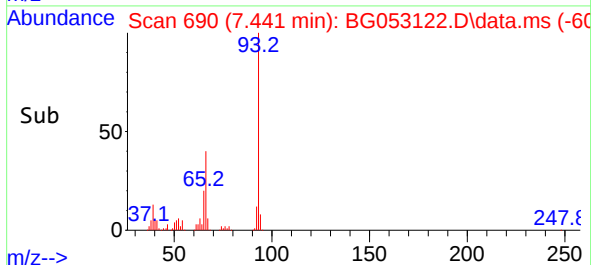
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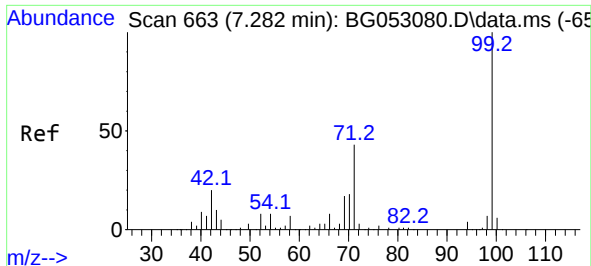


#6
Aniline
Concen: 41.655 ng
RT: 7.441 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



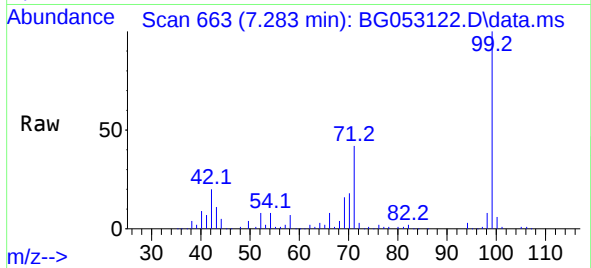
Tgt Ion: 93 Resp: 148681
Ion Ratio Lower Upper
93 100
66 40.0 31.3 46.9
65 20.3 16.7 25.1





#7
Phenol-d6
Concen: 124.380 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

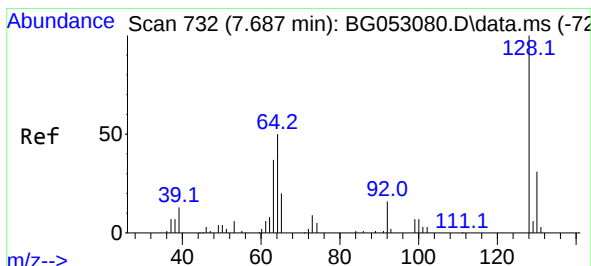
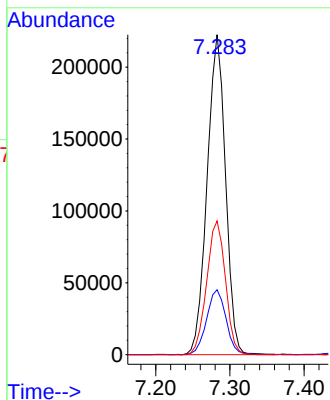
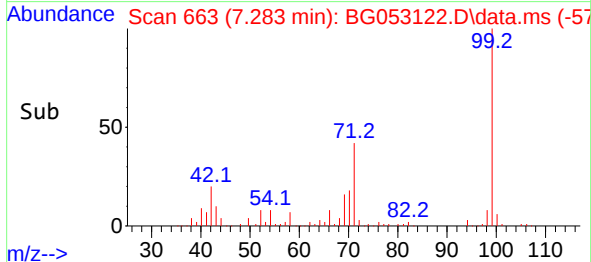
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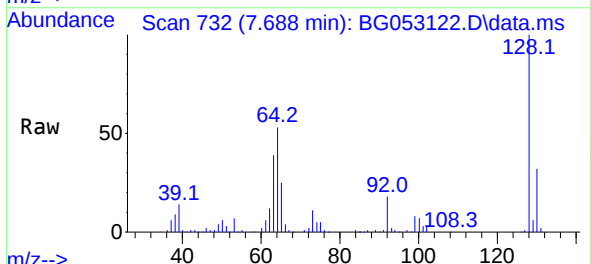
Tgt Ion: 99 Resp: 383069
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 41.8 29.2 43.8

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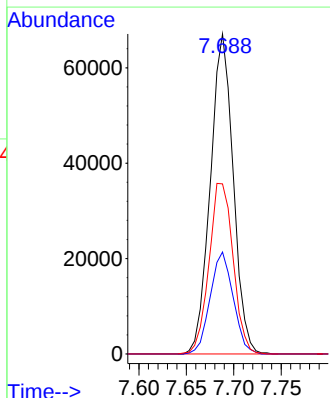
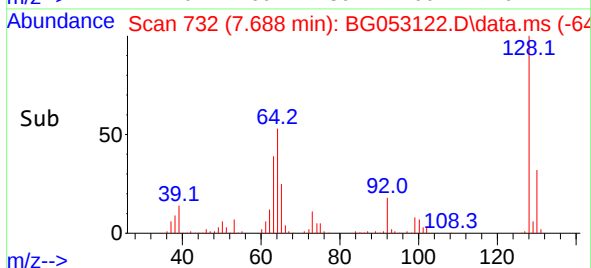
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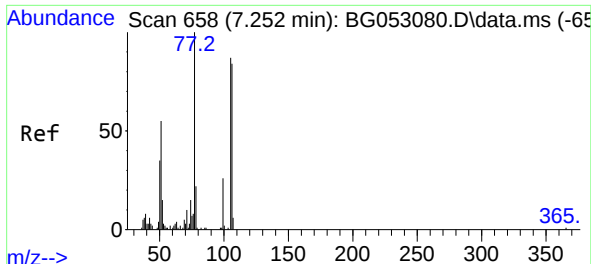


#8
2-Chlorophenol
Concen: 52.276 ng
RT: 7.688 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



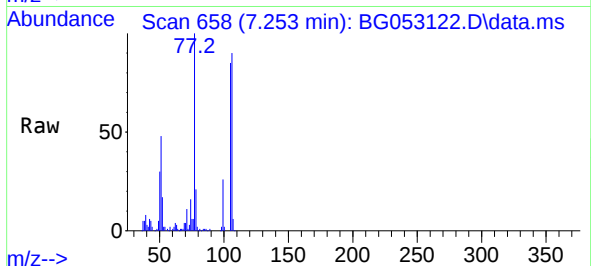
Tgt Ion:128 Resp: 112712
Ion Ratio Lower Upper
128 100
130 31.8 13.4 53.4
64 53.2 30.9 70.9





#9
Benzaldehyde
Concen: 48.805 ng m
RT: 7.253 min Scan# 658
Delta R.T. 0.001 min
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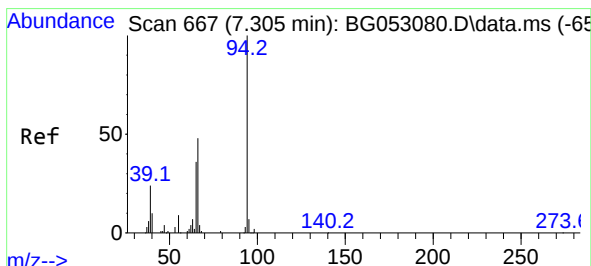
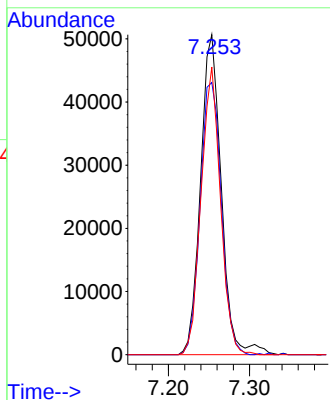
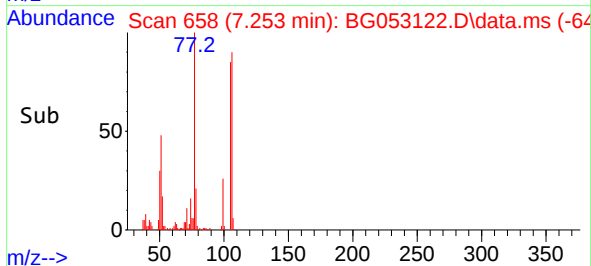
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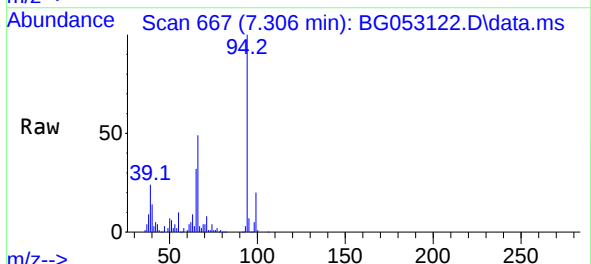
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Ion Ratio Lower Upper
77 100
105 85.0 70.6 110.6
106 89.9 67.6 107.6

Manual Integrations
APPROVED

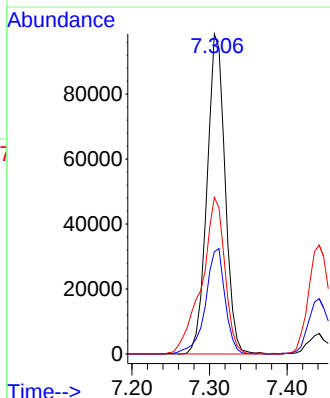
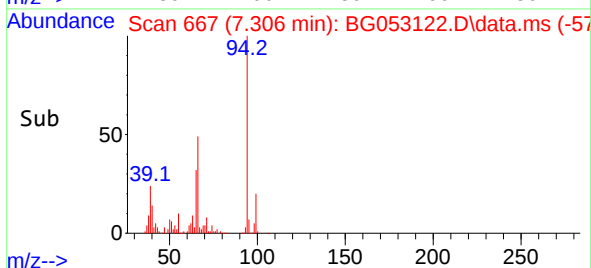
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

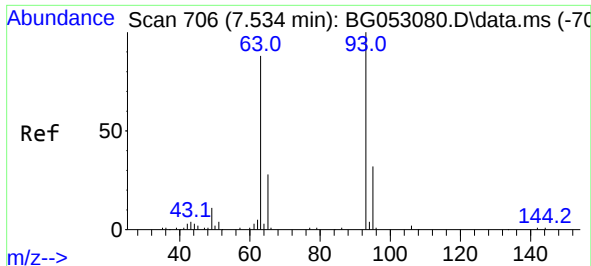


#10
Phenol
Concen: 51.973 ng
RT: 7.306 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



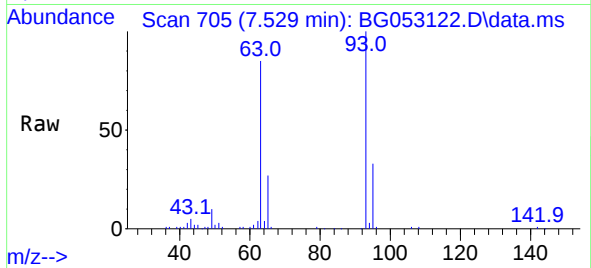
Tgt Ion: 94 Resp: 159332
Ion Ratio Lower Upper
94 100
65 32.0 11.1 51.1
66 48.9 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 47.950 ng
RT: 7.529 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

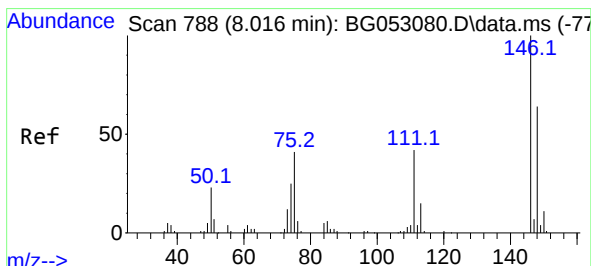
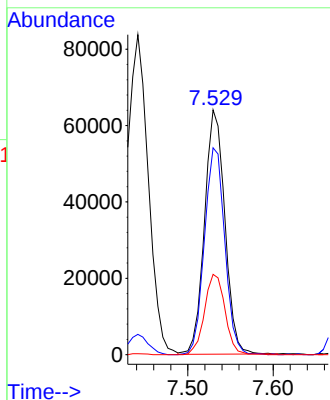
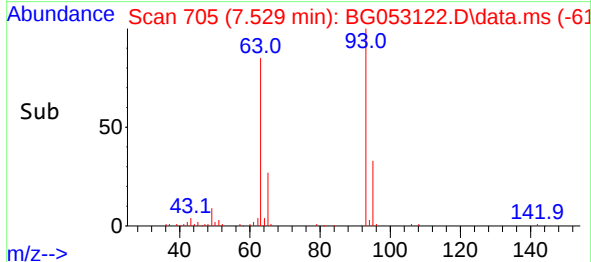
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



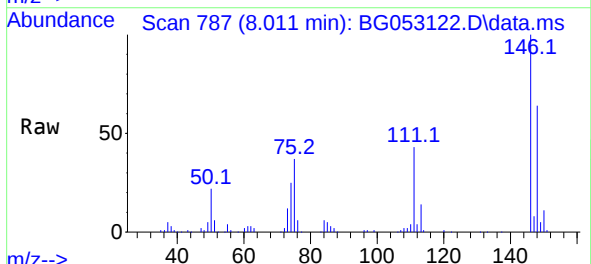
Tgt Ion: 93 Resp: 105964
Ion Ratio Lower Upper
93 100
63 84.5 56.9 96.9
95 32.8 14.5 54.5

Manual Integrations
APPROVED

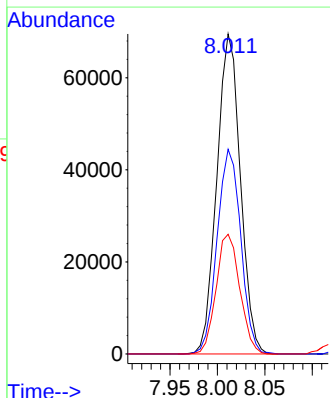
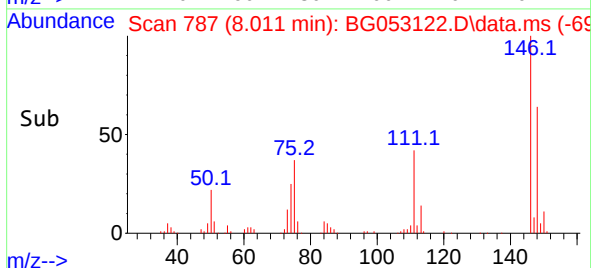
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

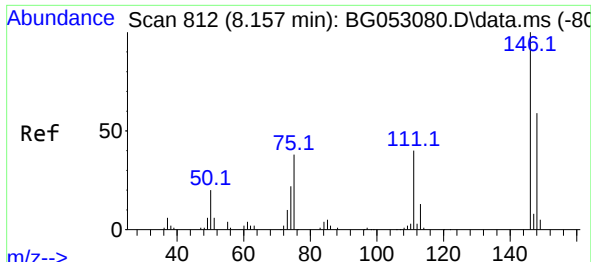


#12
1,3-Dichlorobenzene
Concen: 48.015 ng
RT: 8.011 min Scan# 787
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



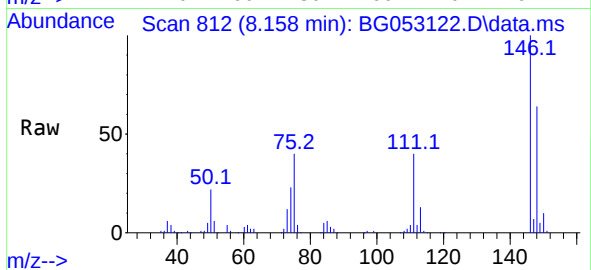
Tgt Ion:146 Resp: 120298
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 37.4 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 47.937 ng
RT: 8.158 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

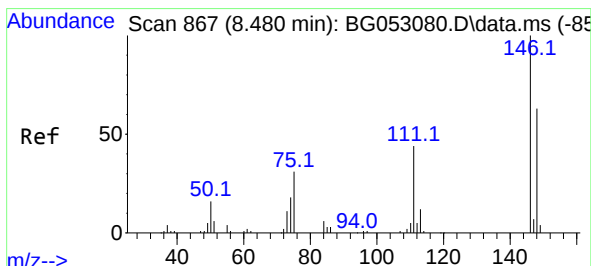
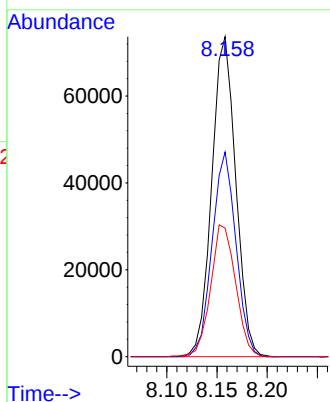
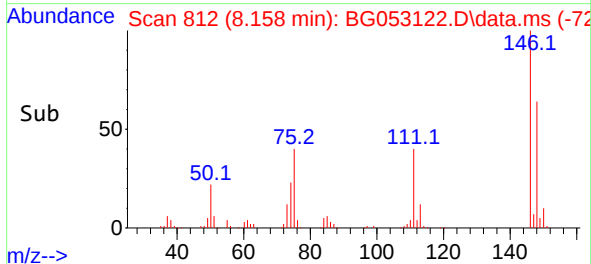
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



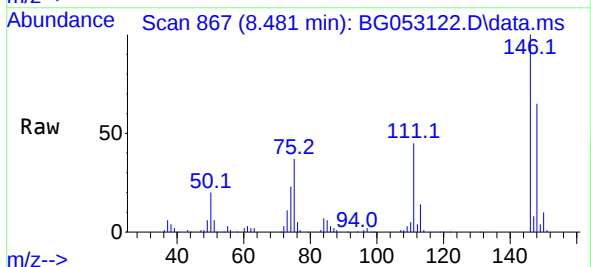
Tgt Ion:146 Resp: 122444
Ion Ratio Lower Upper
146 100
148 64.0 50.0 75.0
111 40.2 31.0 46.4

Manual Integrations
APPROVED

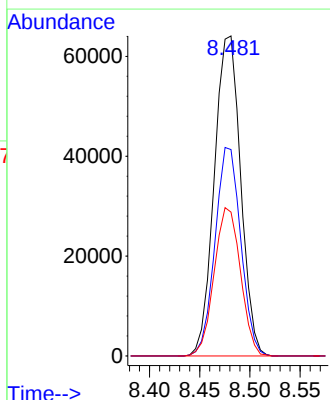
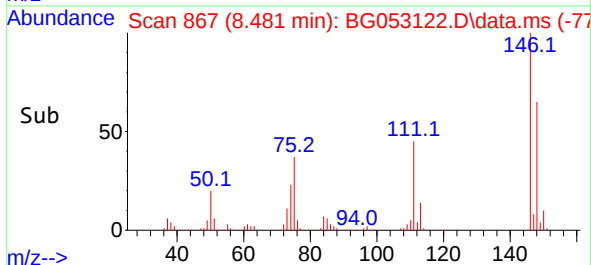
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

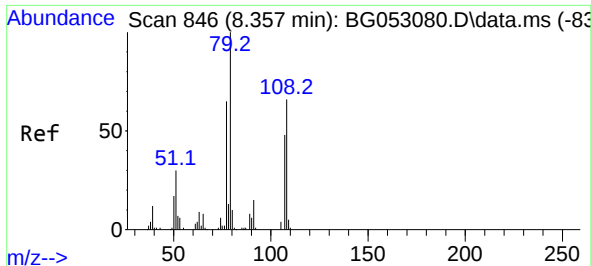


#14
1,2-Dichlorobenzene
Concen: 47.547 ng
RT: 8.481 min Scan# 867
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



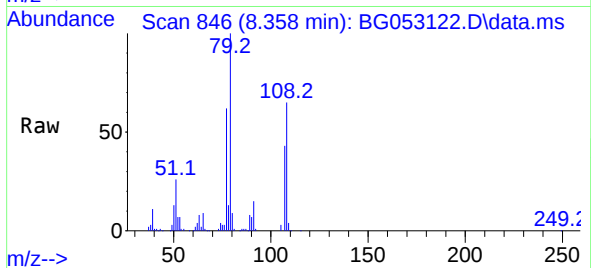
Tgt Ion:146 Resp: 117113
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 45.0 34.7 52.1





#15
Benzyl Alcohol
Concen: 48.151 ng
RT: 8.358 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

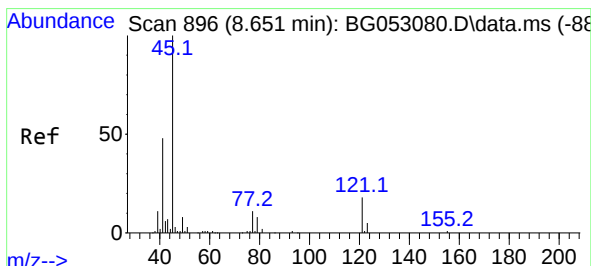
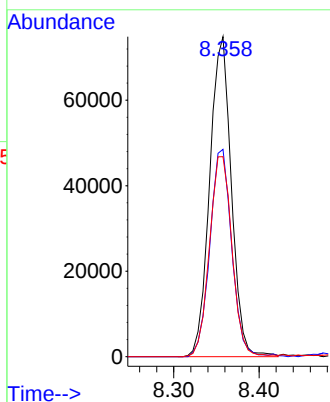
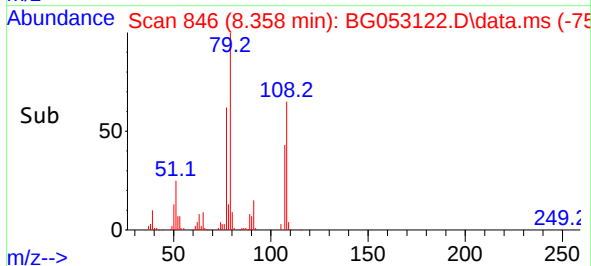
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



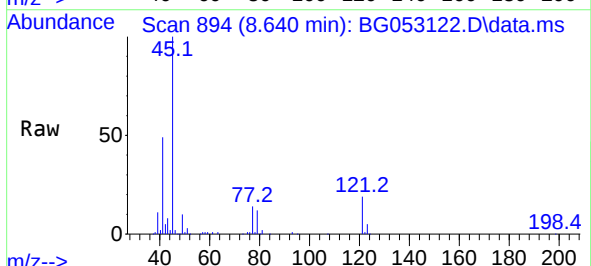
Tgt Ion: 79 Resp: 131814
Ion Ratio Lower Upper
79 100
108 64.8 55.1 82.7
77 62.5 52.4 78.6

Manual Integrations
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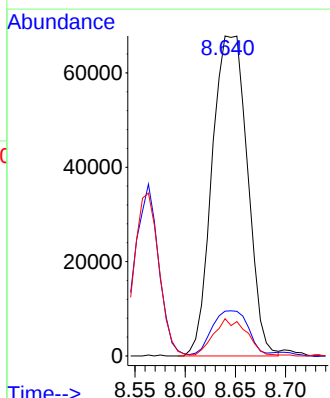
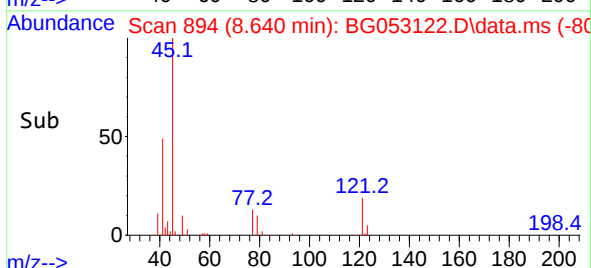
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

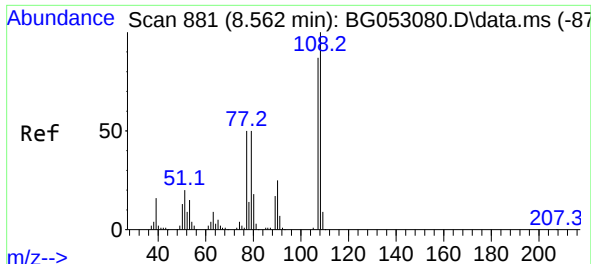


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.021 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.011 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



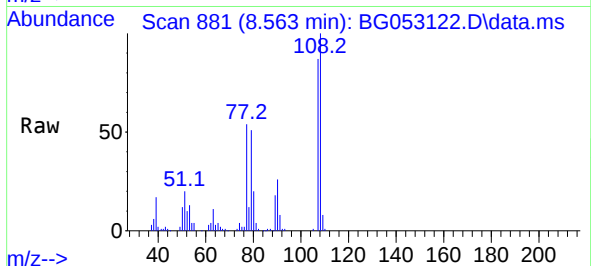
Tgt Ion: 45 Resp: 166102
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.9
79 11.7 0.0 30.7





#17
2-Methylphenol
Concen: 50.866 ng
RT: 8.563 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

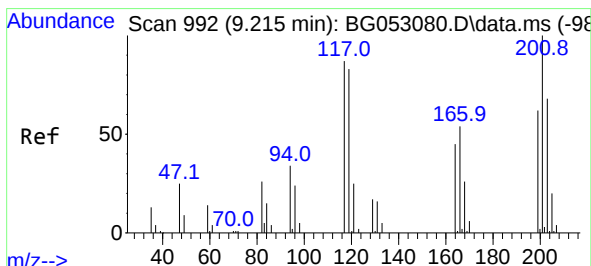
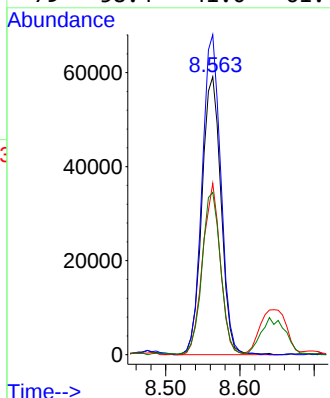
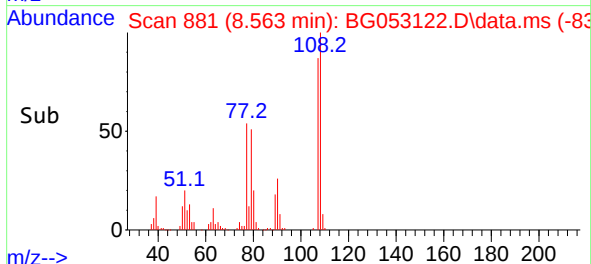
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



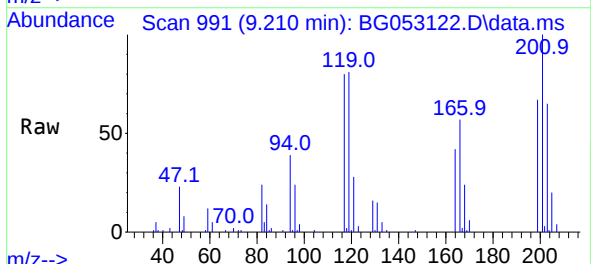
Tgt Ion:107 Resp: 105524
Ion Ratio Lower Upper
107 100
108 115.1 91.5 137.3
77 61.6 42.5 63.7
79 58.4 41.0 61.4

Manual Integrations
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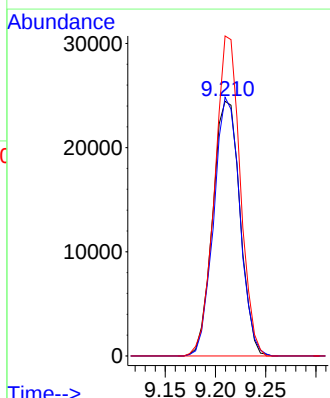
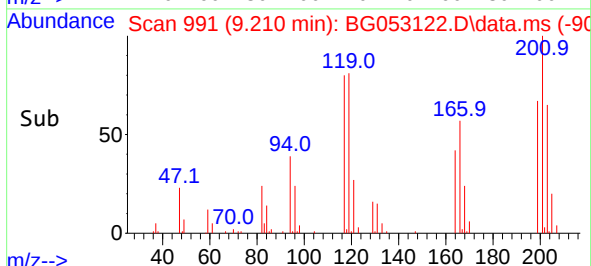
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

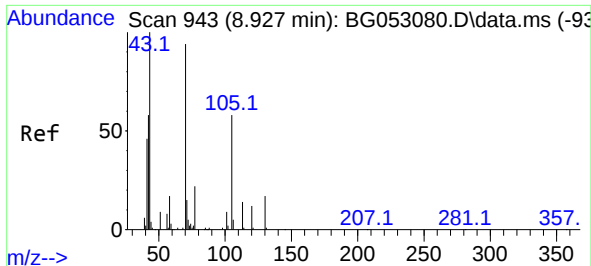


#18
Hexachloroethane
Concen: 48.088 ng
RT: 9.210 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



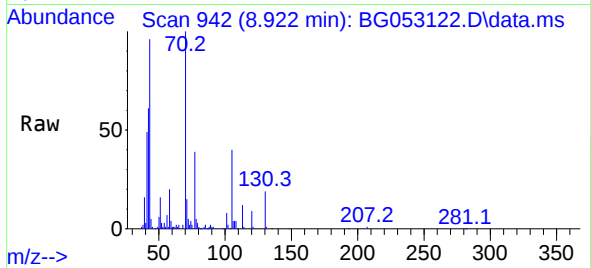
Tgt Ion:117 Resp: 46060
Ion Ratio Lower Upper
117 100
119 101.6 75.1 112.7
201 125.6 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.951 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

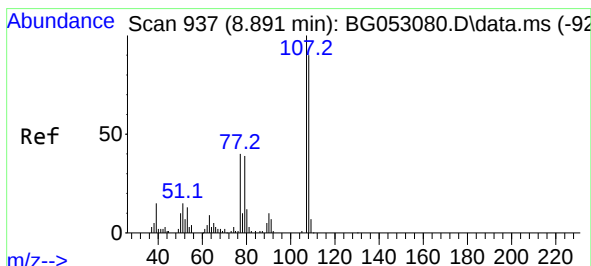
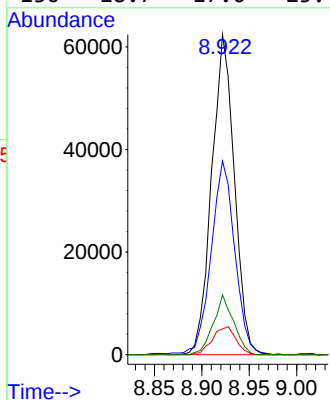
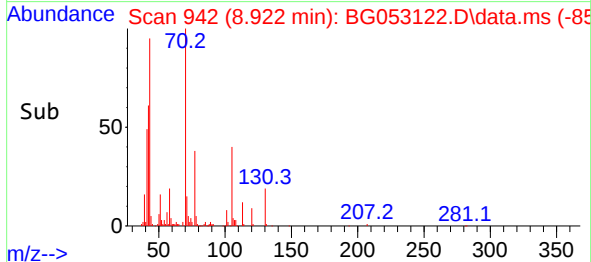
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion: 70 Resp: 103609
Ion Ratio Lower Upper
70 100
42 60.5 46.0 69.0
101 8.0 6.2 9.4
130 18.7 17.0 25.4

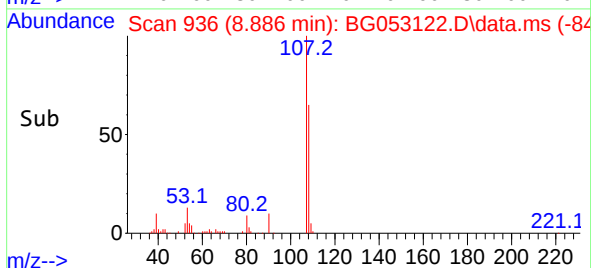
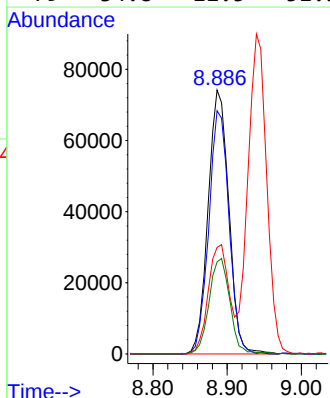
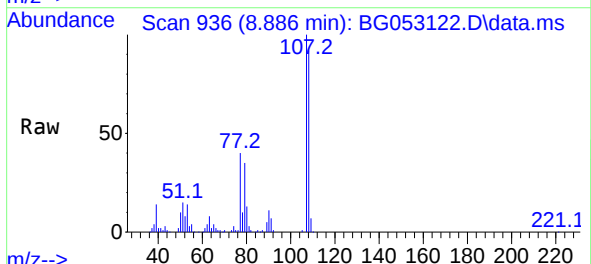
Manual Integrations
APPROVED

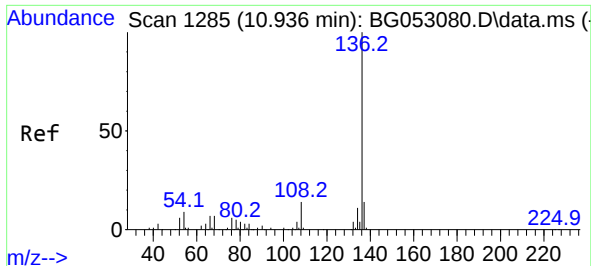
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#20
3+4-Methylphenols
Concen: 49.053 ng
RT: 8.886 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

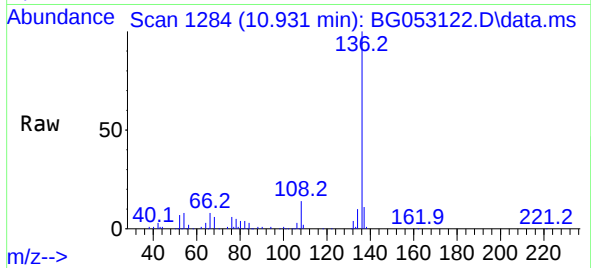
Tgt Ion:107 Resp: 143655
Ion Ratio Lower Upper
107 100
108 92.1 64.8 104.8
77 40.4 15.9 55.9
79 34.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

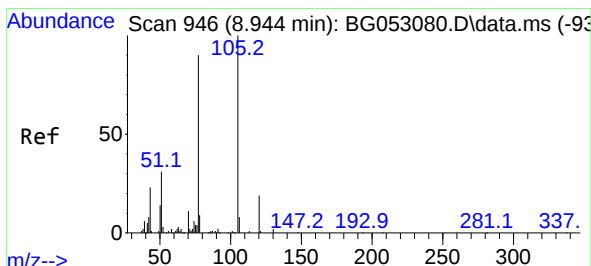
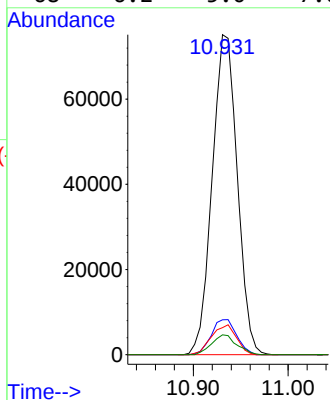
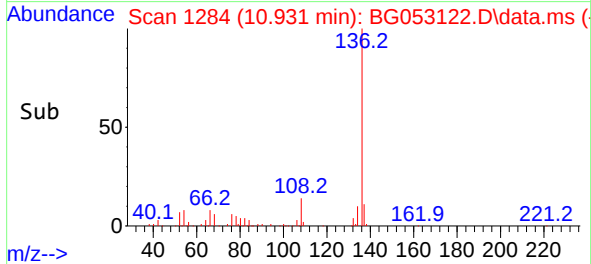
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:	136	Resp:	138138
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	8.5	6.4	9.6
68	6.2	5.0	7.6

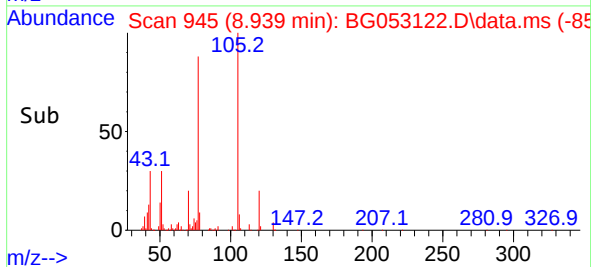
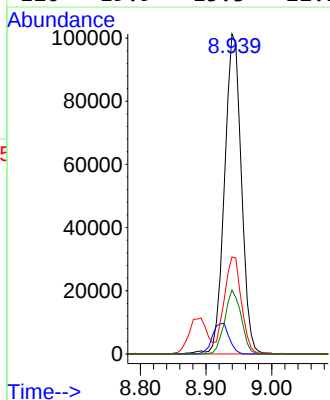
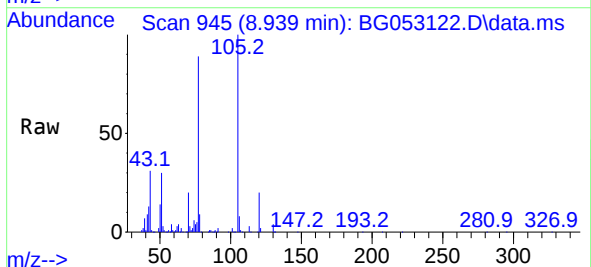
Manual Integrations
APPROVED

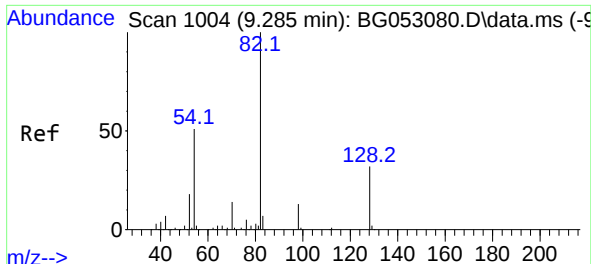
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#22
Acetophenone
Concen: 47.142 ng
RT: 8.939 min Scan# 945
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

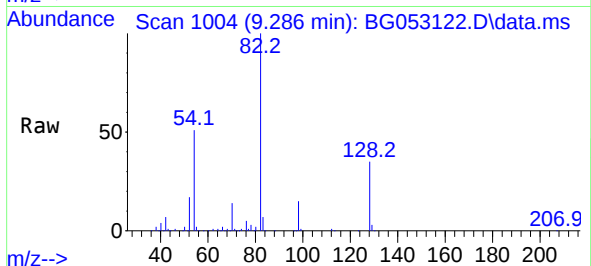
Tgt Ion:	105	Resp:	180666
Ion Ratio	Lower	Upper	
105	100		
71	3.1	2.1	3.1
51	30.3	21.9	32.9
120	19.9	15.3	22.9





#23
Nitrobenzene-d5
Concen: 76.958 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

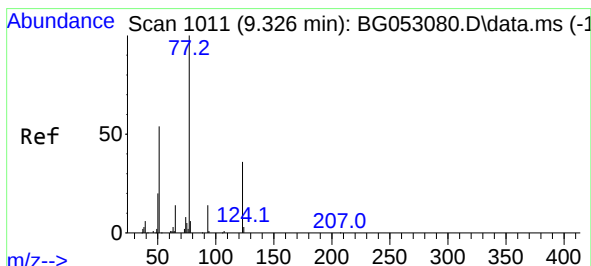
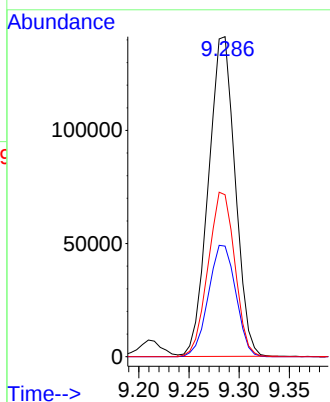
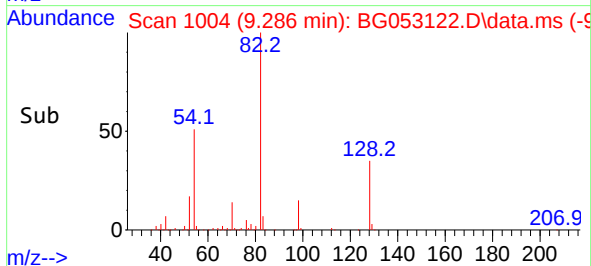
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



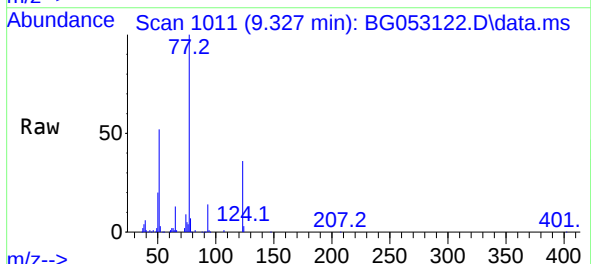
Tgt Ion: 82 Resp: 26182
Ion Ratio Lower Upper
82 100
128 34.6 31.3 46.9
54 50.6 37.8 56.8

Manual Integrations
APPROVED

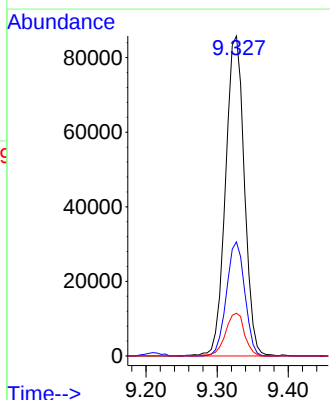
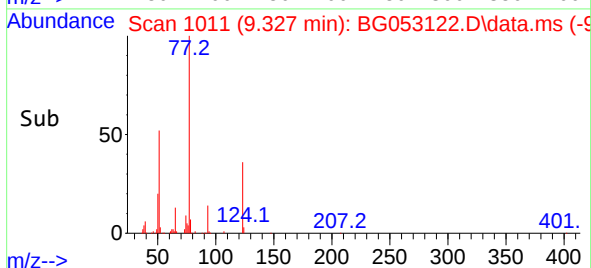
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

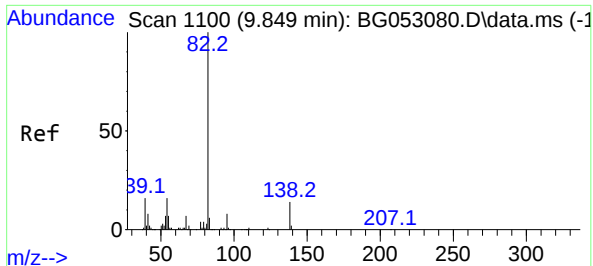


#24
Nitrobenzene
Concen: 47.587 ng
RT: 9.327 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



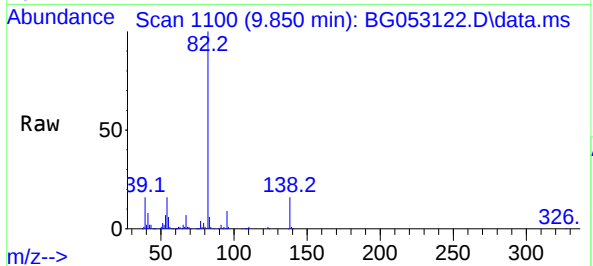
Tgt Ion: 77 Resp: 157471
Ion Ratio Lower Upper
77 100
123 35.7 34.4 51.6
65 13.3 11.2 16.8





#25
Isophorone
Concen: 48.808 ng
RT: 9.850 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

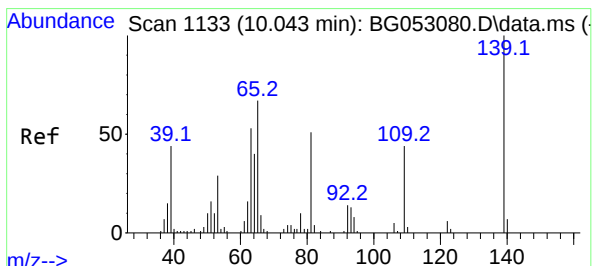
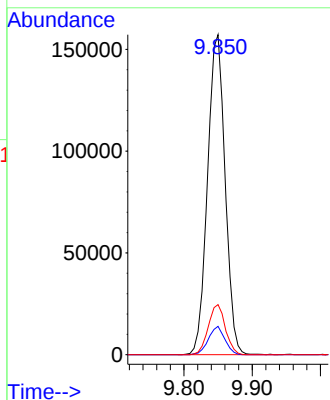
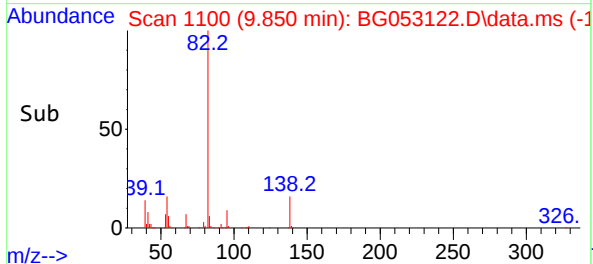
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



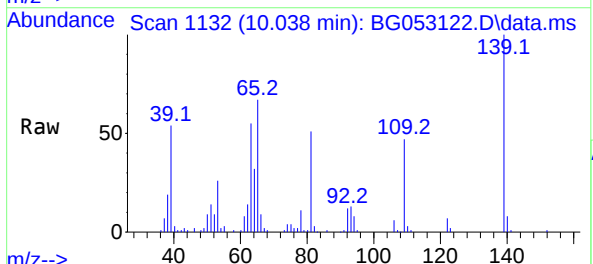
Tgt Ion: 82 Resp: 282230
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.6
138 15.6 12.6 18.8

Manual Integrations
APPROVED

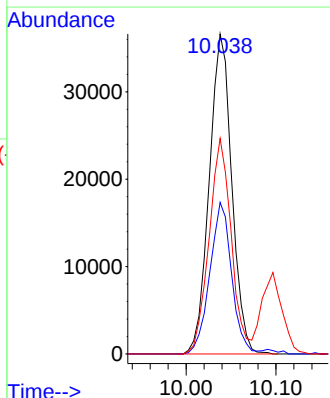
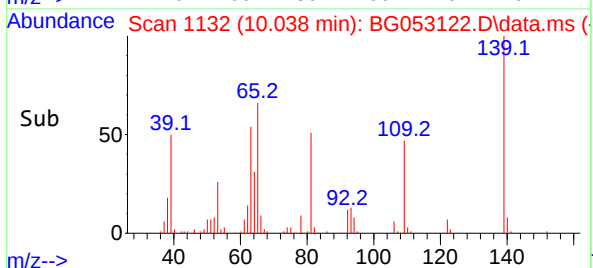
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

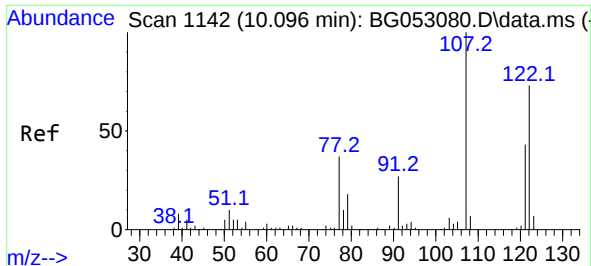


#26
2-Nitrophenol
Concen: 46.075 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



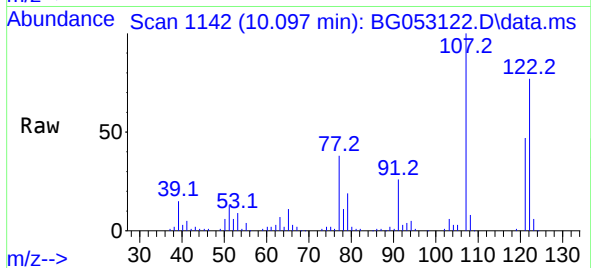
Tgt Ion:139 Resp: 63756
Ion Ratio Lower Upper
139 100
109 47.4 29.4 44.0#
65 67.4 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 56.942 ng
RT: 10.097 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

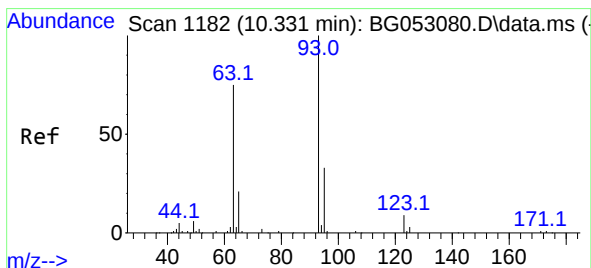
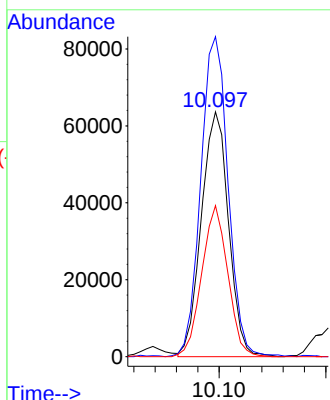
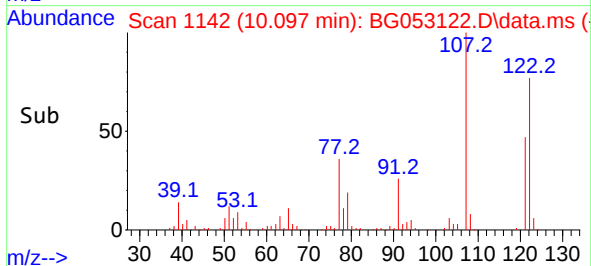
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



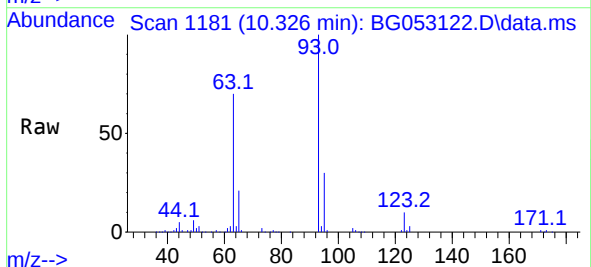
Tgt Ion:122 Resp: 112840
Ion Ratio Lower Upper
122 100
107 130.7 96.7 145.1
121 61.7 46.3 69.5

Manual Integrations
APPROVED

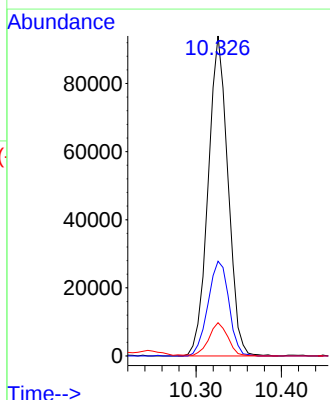
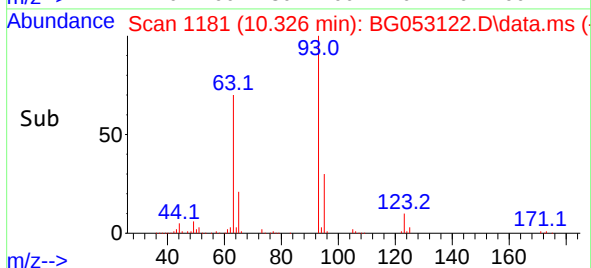
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

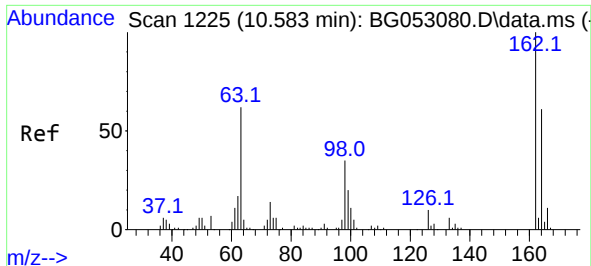


#28
bis(2-Chloroethoxy)methane
Concen: 46.692 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion: 93 Resp: 151687
Ion Ratio Lower Upper
93 100
95 29.6 26.5 39.7
123 10.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.943 ng

RT: 10.578 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053122.D

Acq: 12 Apr 2022 16:38

Instrument :

BNA_G

ClientSampleId :

SB-01-COMPMSD

Tgt Ion:162 Resp: 124428

Ion Ratio Lower Upper

162 100

164 61.0 44.0 84.0

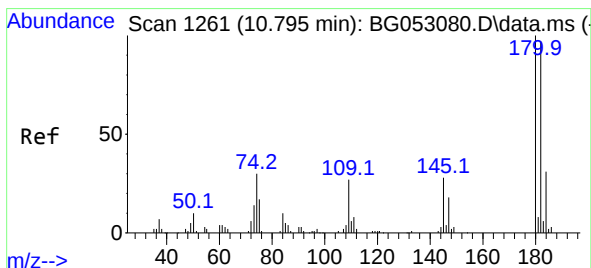
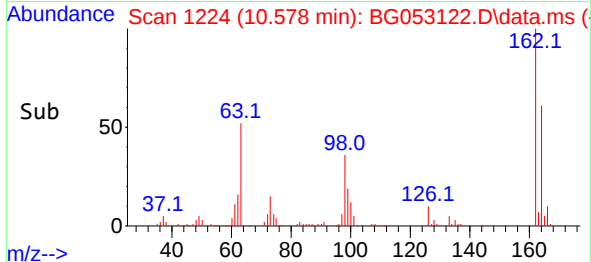
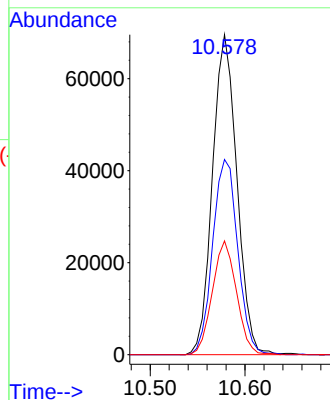
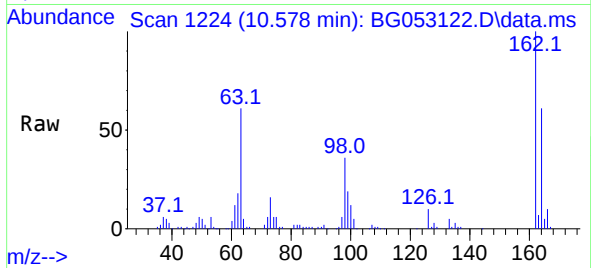
98 35.6 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.624 ng

RT: 10.796 min Scan# 1261

Delta R.T. 0.001 min

Lab File: BG053122.D

Acq: 12 Apr 2022 16:38

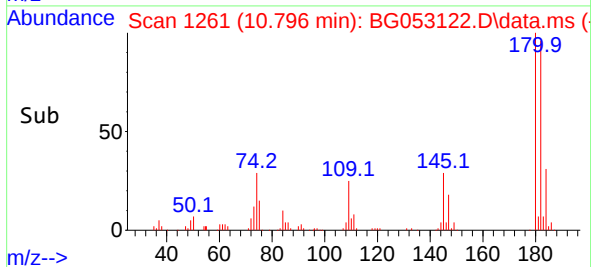
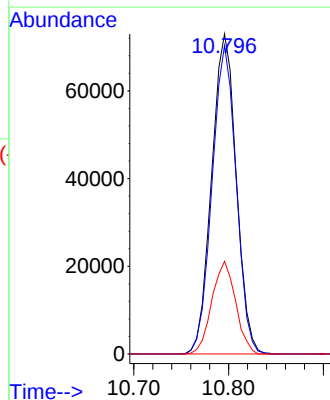
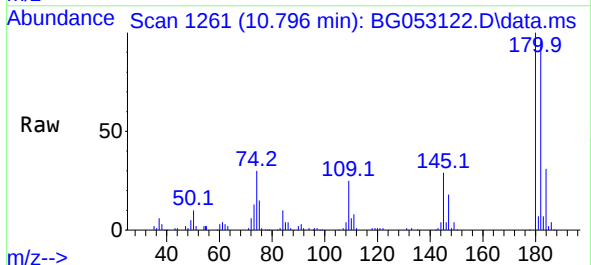
Tgt Ion:180 Resp: 131467

Ion Ratio Lower Upper

180 100

182 96.4 77.8 116.6

145 28.9 24.4 36.6





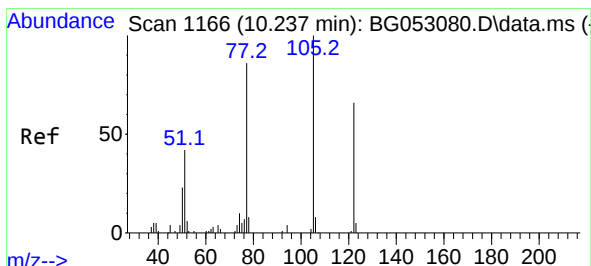
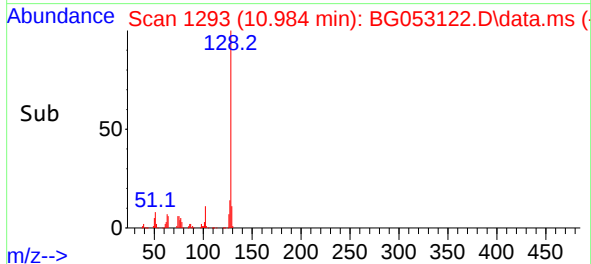
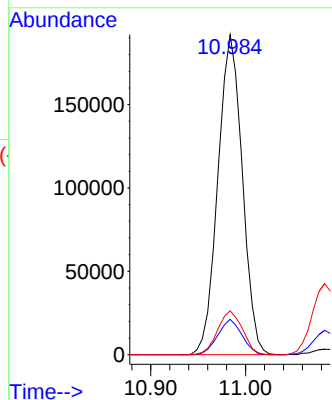
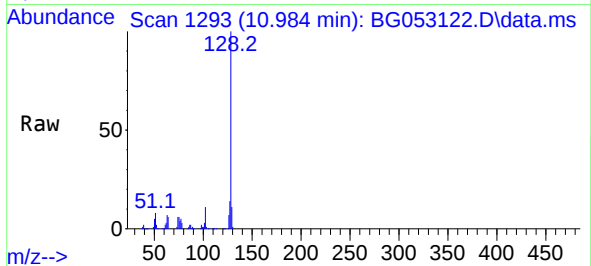
#31
Naphthalene
Concen: 46.576 ng
RT: 10.984 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Tgt Ion:128 Resp: 343258
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.5 15.7

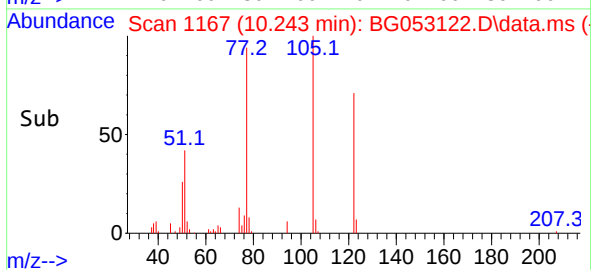
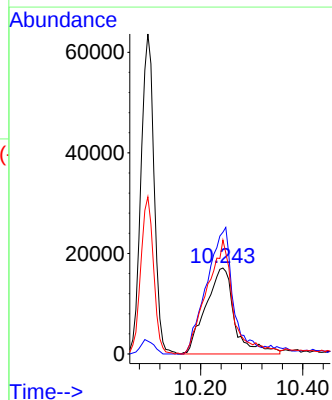
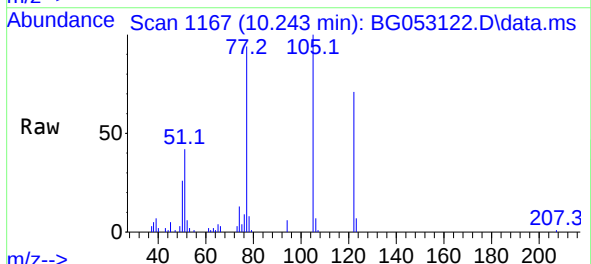
Manual Integrations
APPROVED

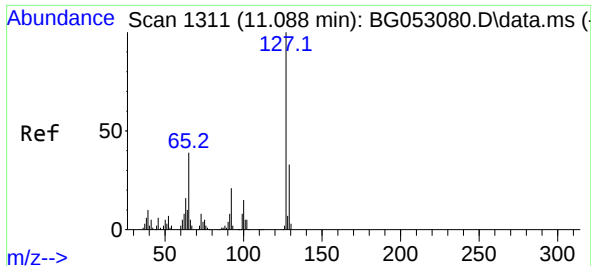
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#32
Benzoic acid
Concen: 51.623 ng m
RT: 10.243 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

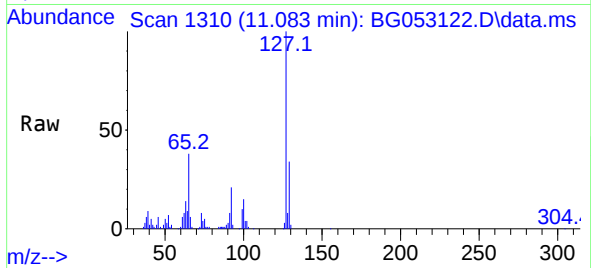
Tgt Ion:122 Resp: 66963
Ion Ratio Lower Upper
122 100
105 141.5 112.8 152.8
77 132.5 78.4 118.4#





#33
4-Chloroaniline
Concen: 26.047 ng
RT: 11.083 min Scan# 1108
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

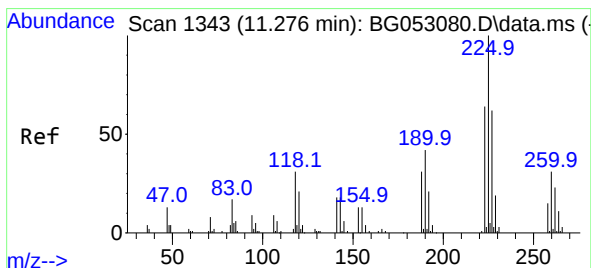
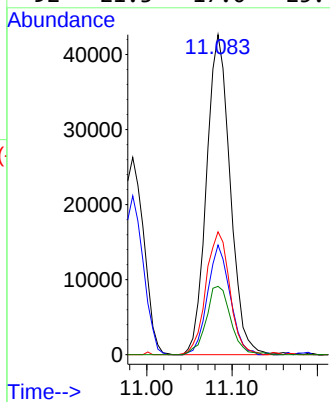
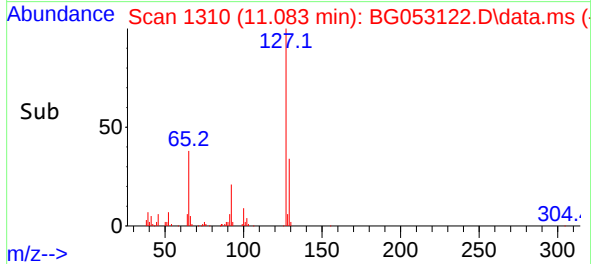
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:	127	Resp:	82200
Ion Ratio	Lower	Upper	
127	100		
129	34.3	27.6	41.4
65	38.4	28.2	42.4
92	21.3	17.0	25.4

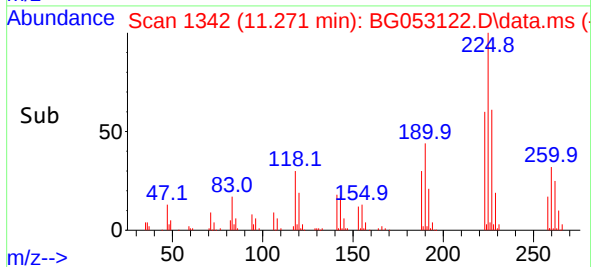
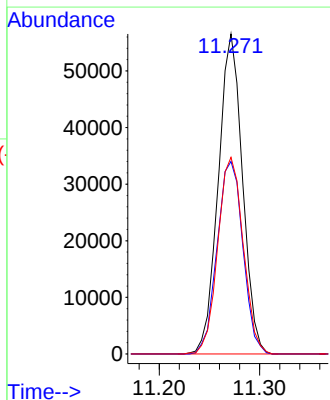
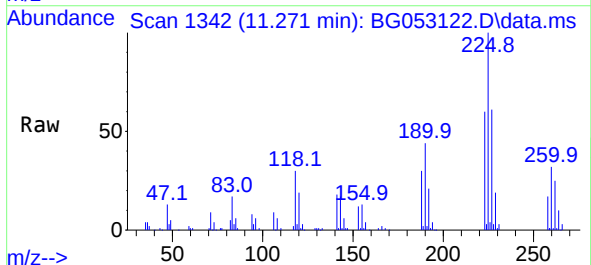
Manual Integrations
APPROVED

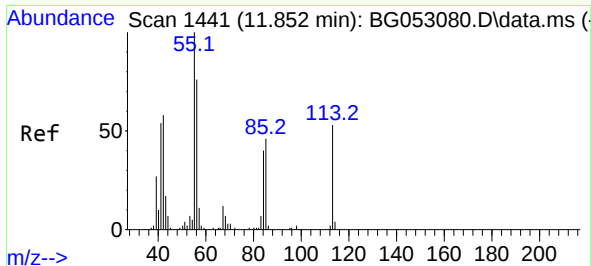
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#34
Hexachlorobutadiene
Concen: 45.107 ng
RT: 11.271 min Scan# 1342
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

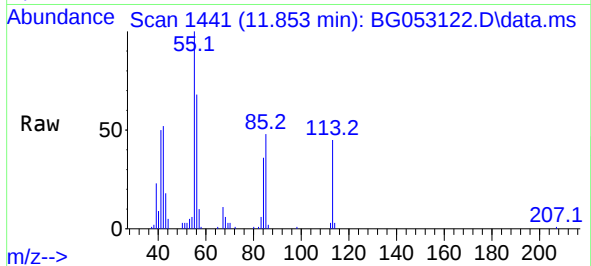
Tgt Ion:	225	Resp:	94479
Ion Ratio	Lower	Upper	
225	100		
223	60.2	50.2	75.2
227	61.5	52.0	78.0





#35
Caprolactam
Concen: 44.342 ng m
RT: 11.853 min Scan# 1441
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

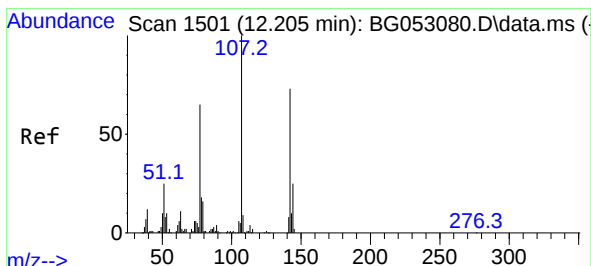
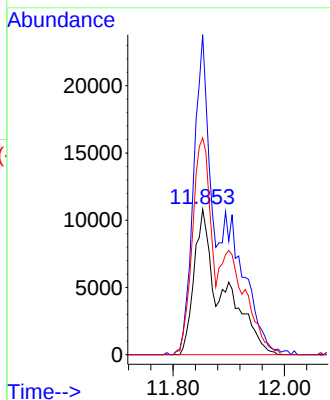
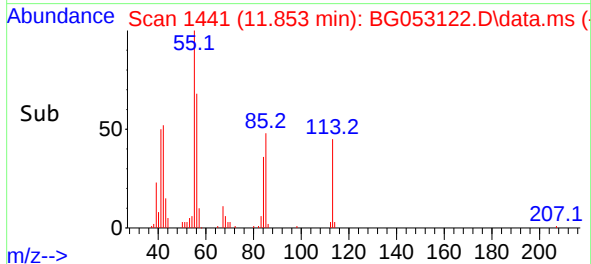
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



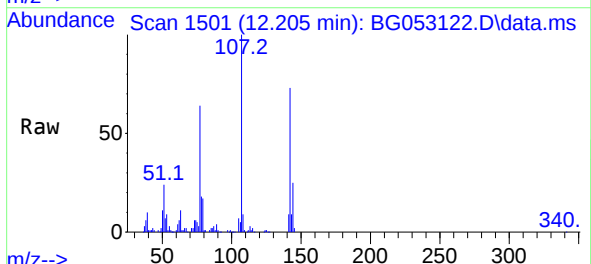
Tgt Ion:113 Resp: 38940
Ion Ratio Lower Upper
113 100
55 220.0 151.3 191.3
56 149.1 128.5 168.5

Manual Integrations
APPROVED

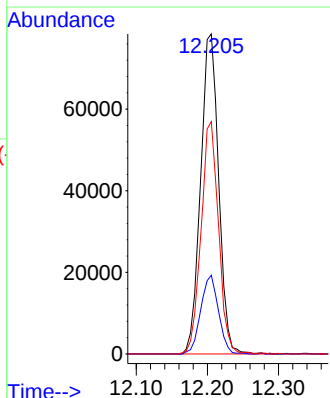
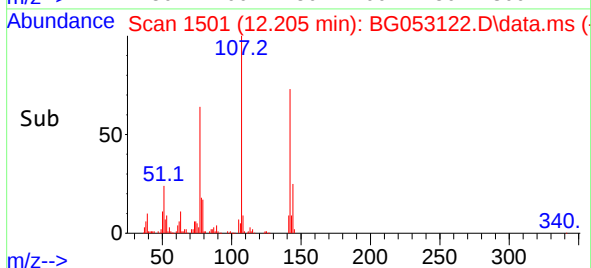
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

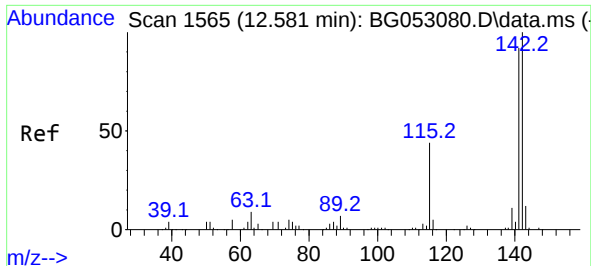


#36
4-Chloro-3-methylphenol
Concen: 47.714 ng
RT: 12.205 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



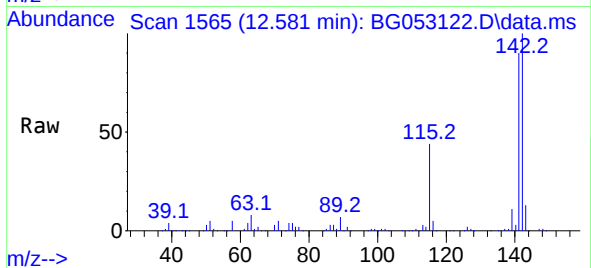
Tgt Ion:107 Resp: 138393
Ion Ratio Lower Upper
107 100
144 24.6 21.4 32.0
142 72.6 61.7 92.5





#37
2-Methylnaphthalene
Concen: 45.315 ng
RT: 12.581 min Scan# 1156
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

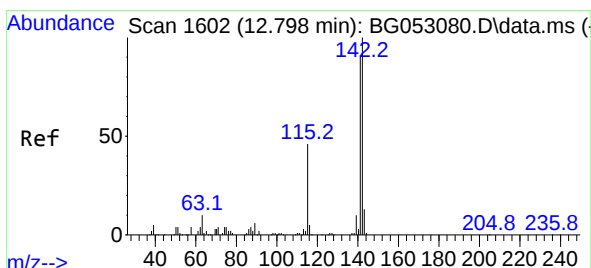
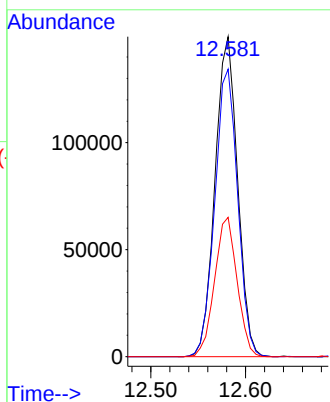
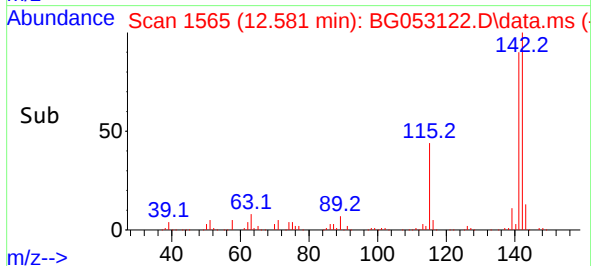
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



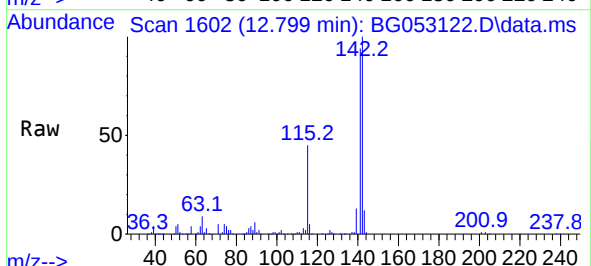
Tgt Ion:142 Resp: 24712
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 43.5 29.5 44.3

Manual Integrations
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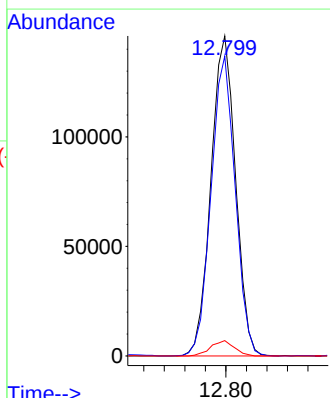
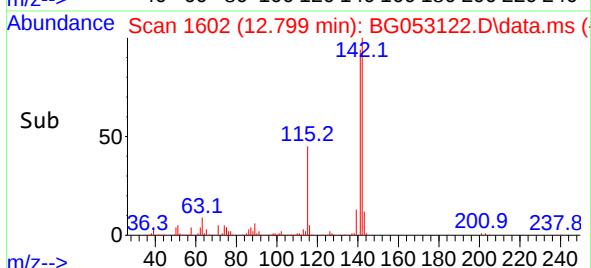
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

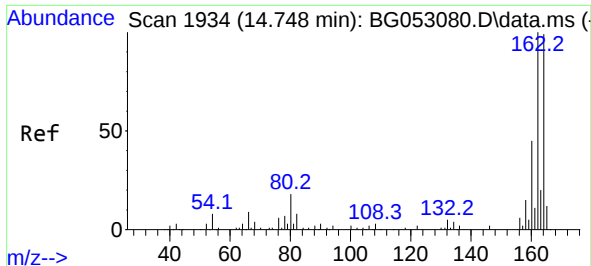


#38
1-Methylnaphthalene
Concen: 45.680 ng m
RT: 12.799 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



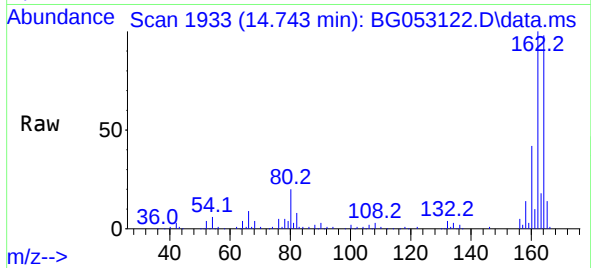
Tgt Ion:142 Resp: 243161
Ion Ratio Lower Upper
142 100
141 93.7 70.5 105.7
116 4.8 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

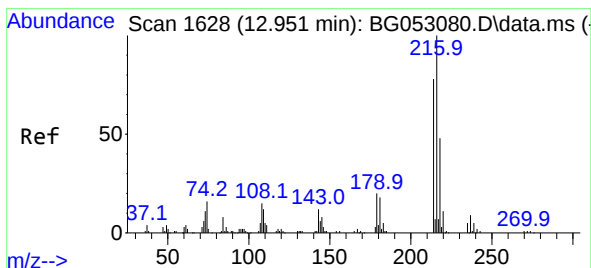
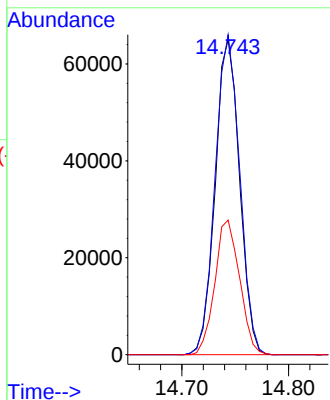
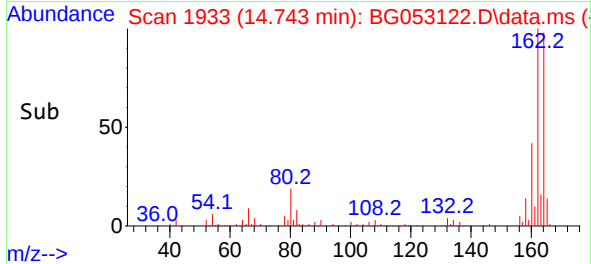
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



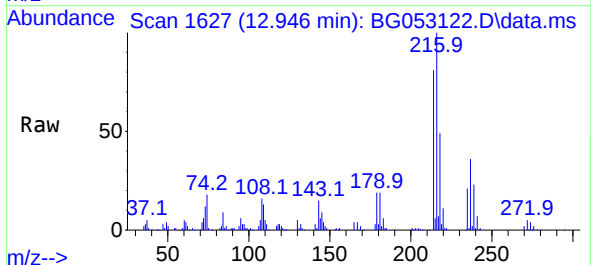
Tgt Ion:164 Resp: 10295
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 42.7 38.8 58.2

Manual Integrations
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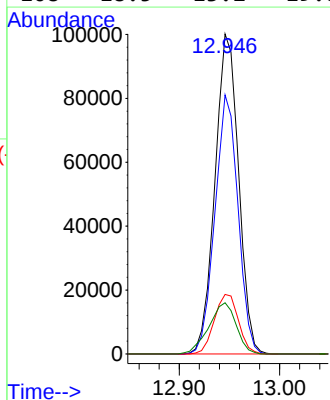
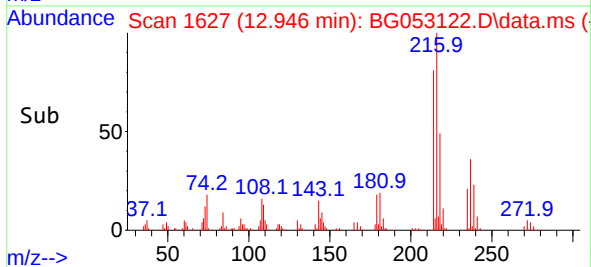
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

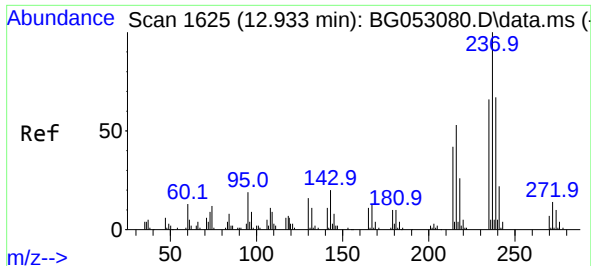


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.735 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



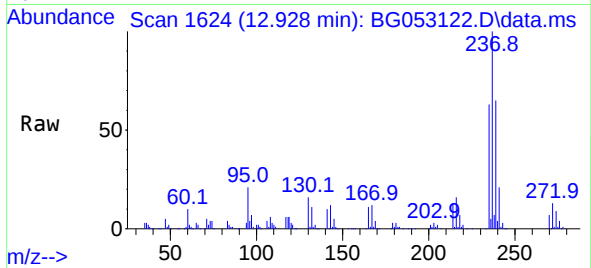
Tgt Ion:216 Resp: 163420
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 19.0 15.7 23.5
108 18.5 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 111.969 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

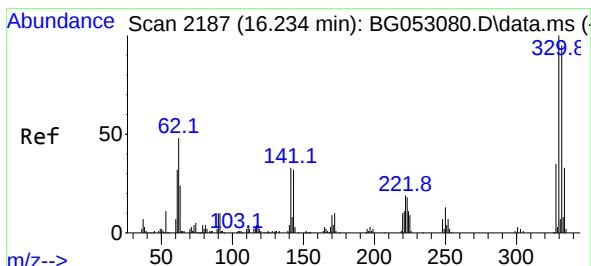
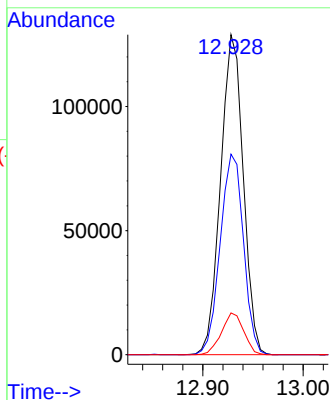
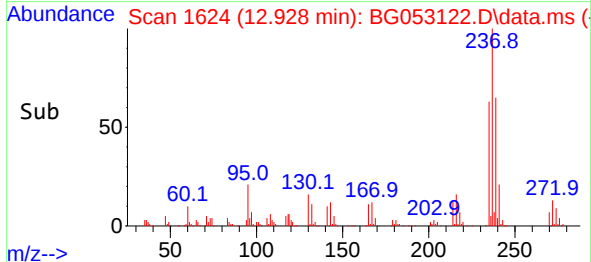
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



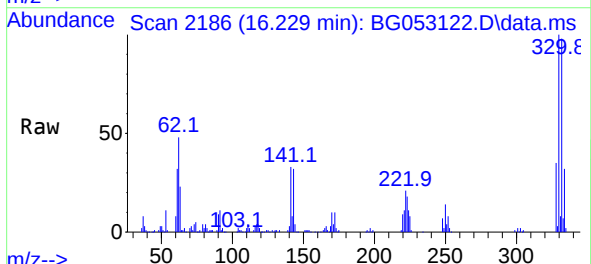
Tgt Ion:237 Resp: 20211
Ion Ratio Lower Upper
237 100
235 62.6 37.7 77.7
272 13.1 0.0 30.7

Manual Integrations
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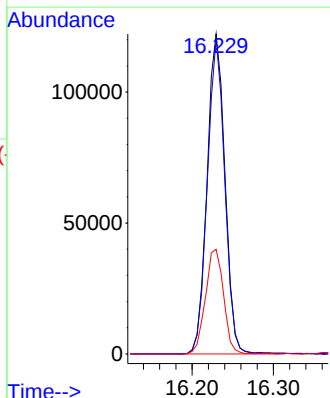
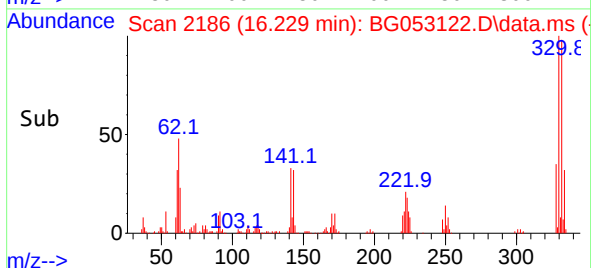
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

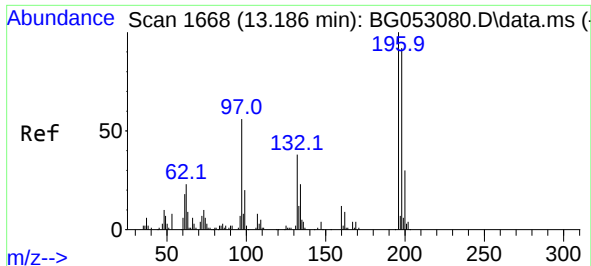


#42
2,4,6-Tribromophenol
Concen: 113.800 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



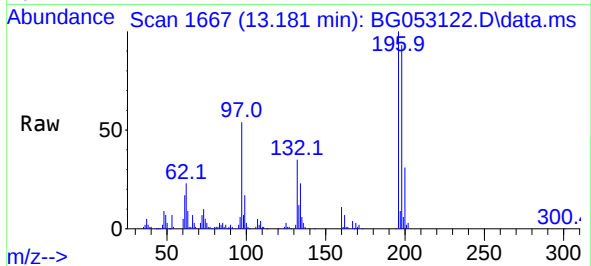
Tgt Ion:330 Resp: 186401
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.6
141 33.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.518 ng
RT: 13.181 min Scan# 1667
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

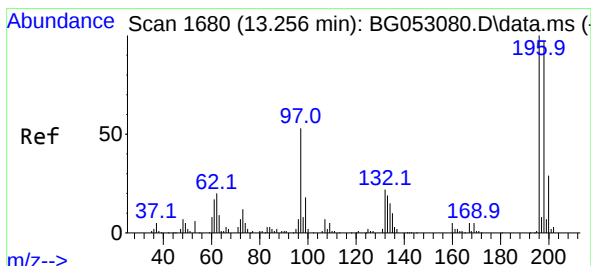
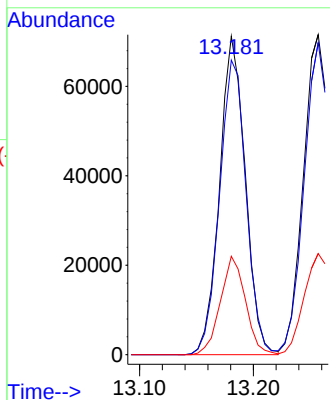
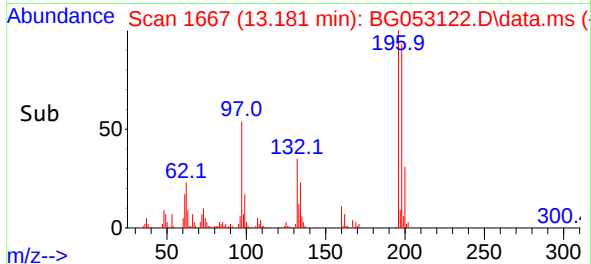
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



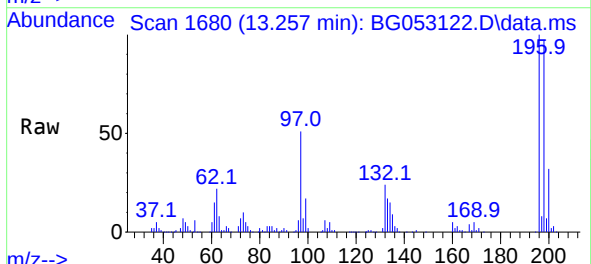
Tgt Ion:196 Resp: 11214
Ion Ratio Lower Upper
196 100
198 92.5 78.8 118.2
200 30.9 25.1 37.7

Manual Integrations
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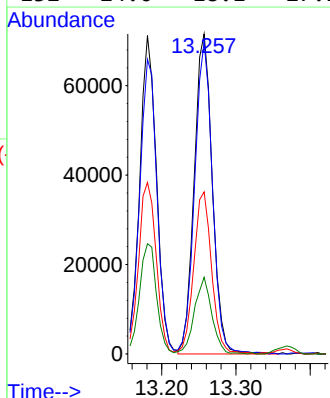
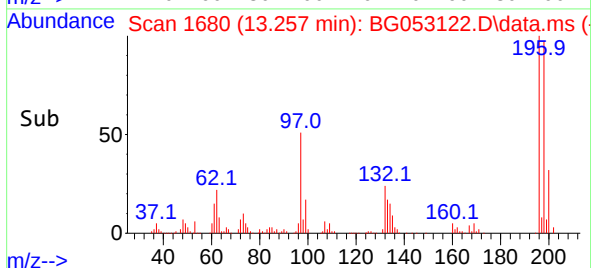
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

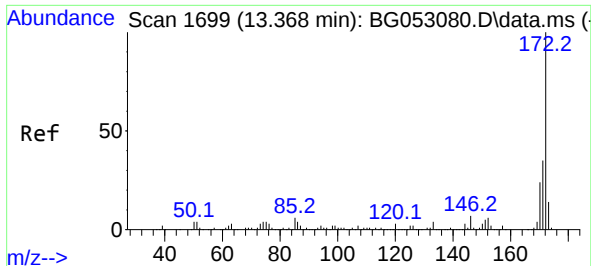


#44
2,4,5-Trichlorophenol
Concen: 47.295 ng
RT: 13.257 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



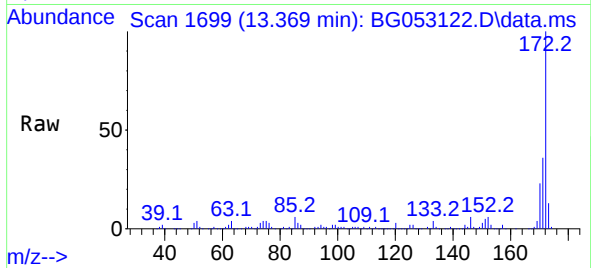
Tgt Ion:196 Resp: 121503
Ion Ratio Lower Upper
196 100
198 97.5 75.8 113.6
97 50.7 36.5 54.7
132 24.0 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 76.582 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

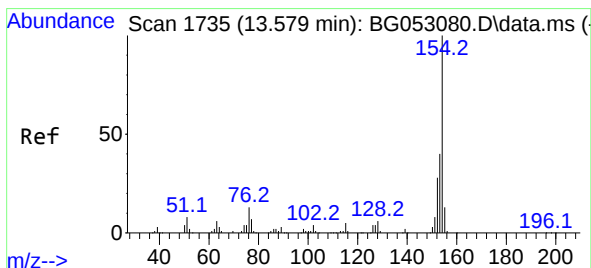
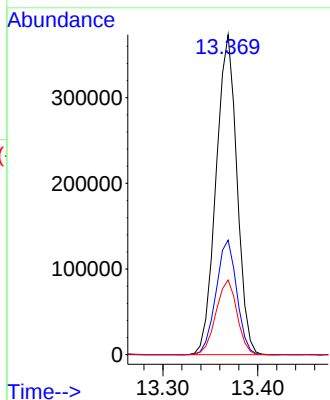
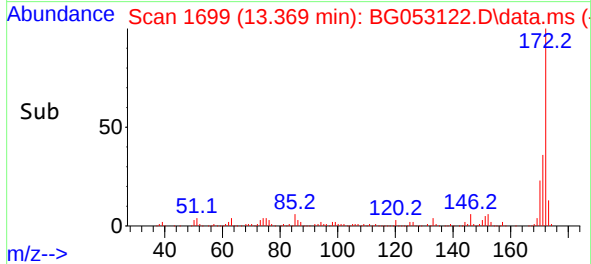
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



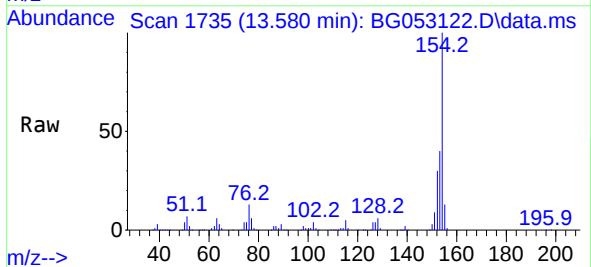
Tgt Ion:172 Resp: 571798
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.0 27.0

Manual Integrations
APPROVED

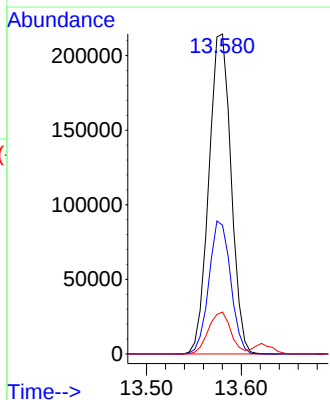
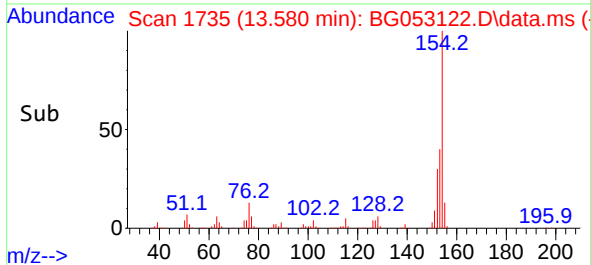
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

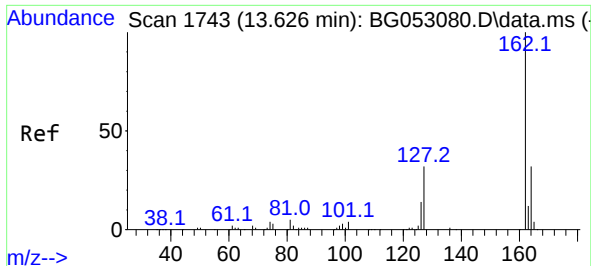


#46
1,1'-Biphenyl
Concen: 47.049 ng
RT: 13.580 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



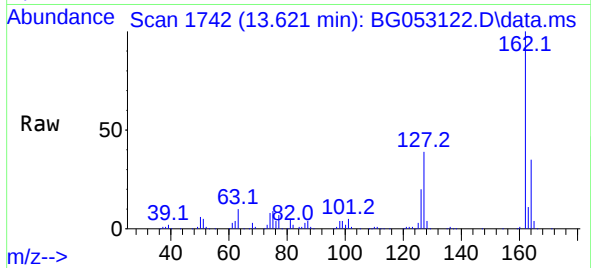
Tgt Ion:154 Resp: 348832
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 13.1 0.0 31.5





#47
2-Chloronaphthalene
Concen: 46.241 ng
RT: 13.621 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

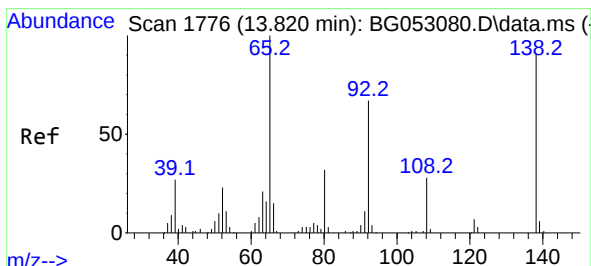
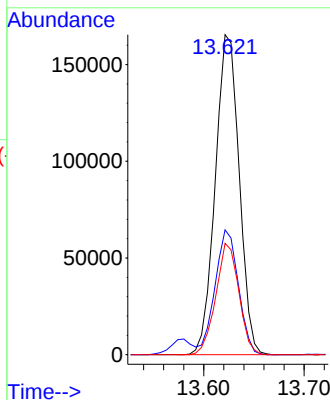
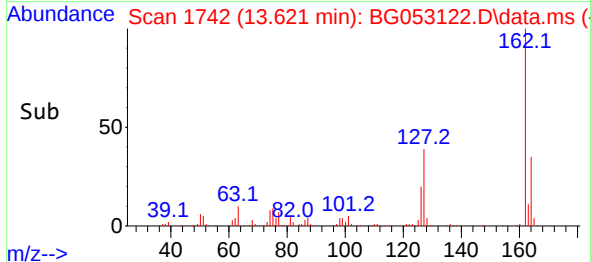
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



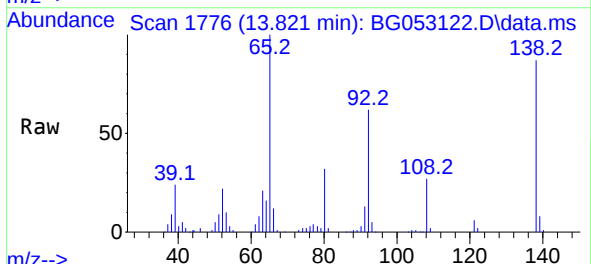
Tgt Ion:162 Resp: 27352
Ion Ratio Lower Upper
162 100
127 39.0 28.1 42.1
164 34.8 26.0 39.0

Manual Integrations
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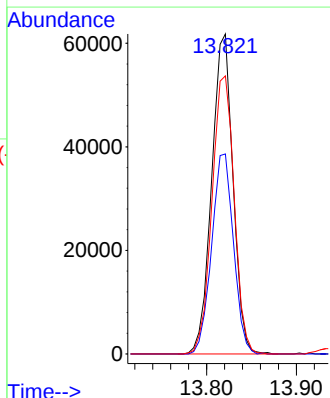
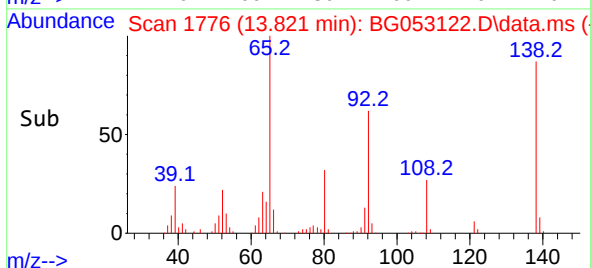
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

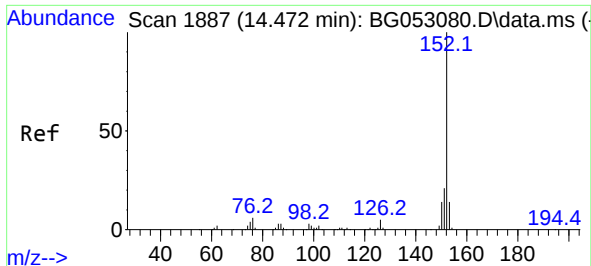


#48
2-Nitroaniline
Concen: 45.220 ng
RT: 13.821 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



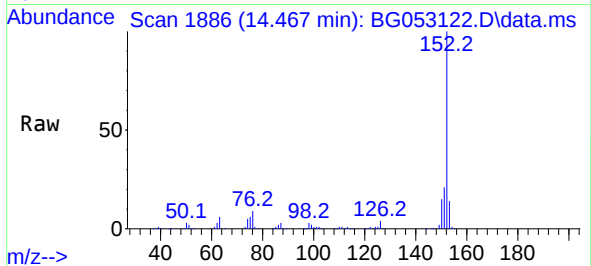
Tgt Ion: 65 Resp: 101510
Ion Ratio Lower Upper
65 100
92 62.5 52.1 78.1
138 86.9 80.1 120.1





#49
Acenaphthylene
Concen: 49.488 ng
RT: 14.467 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

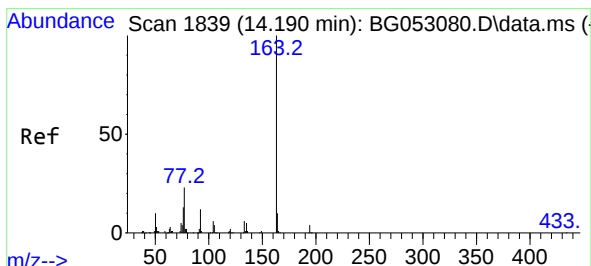
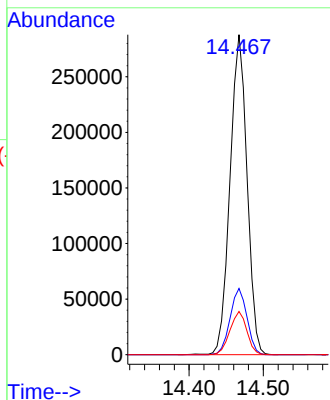
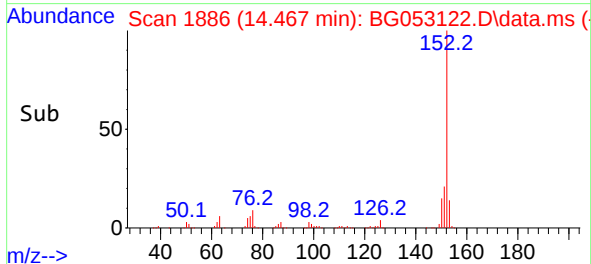
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



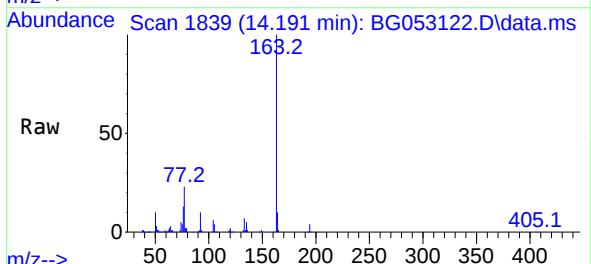
Tgt Ion:152 Resp: 45824
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.6
153 13.5 10.6 15.8

Manual Integrations
APPROVED

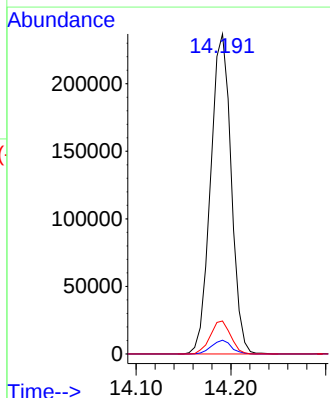
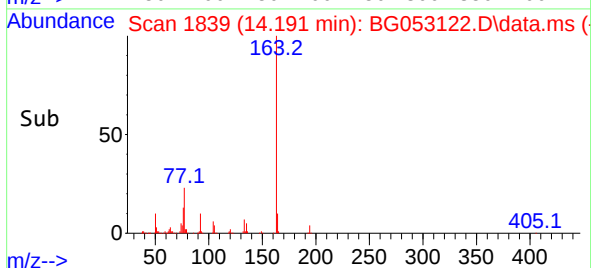
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

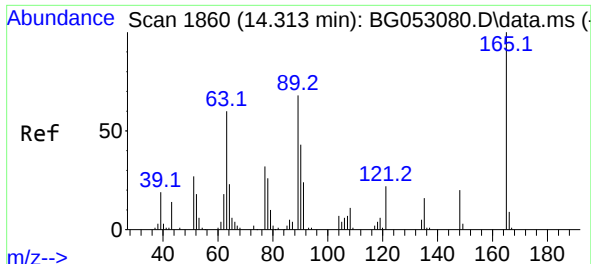


#50
Dimethylphthalate
Concen: 43.318 ng
RT: 14.191 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



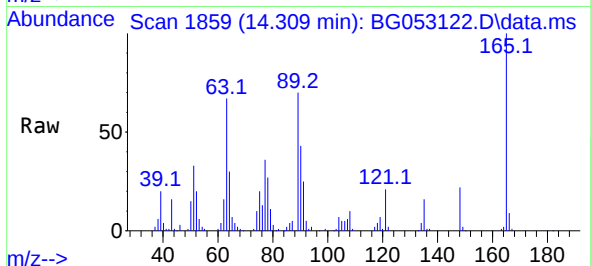
Tgt Ion:163 Resp: 356713
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.751 ng
RT: 14.309 min Scan# 1860
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

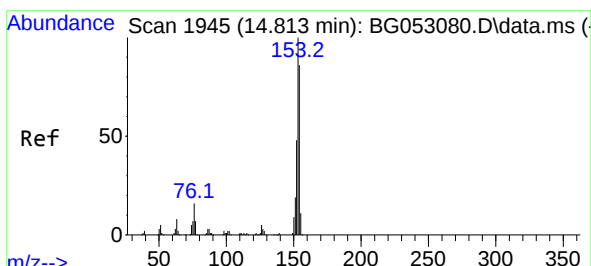
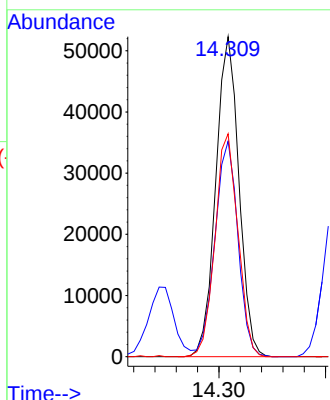
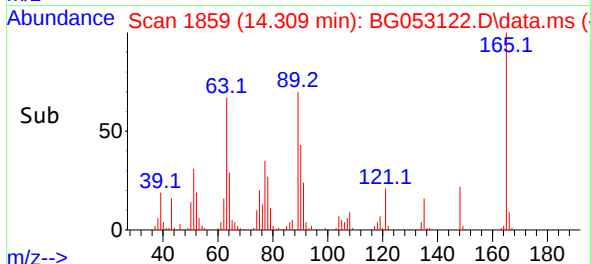
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:165 Resp: 78590
Ion Ratio Lower Upper
165 100
63 67.4 43.7 65.5
89 69.7 45.0 67.4

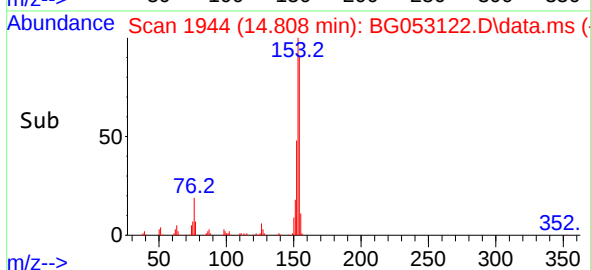
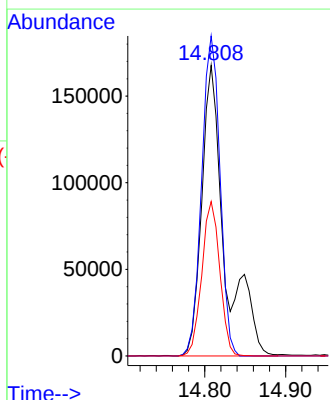
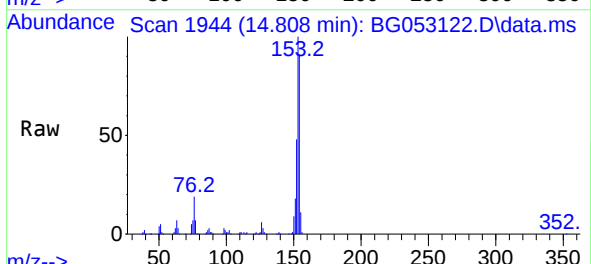
Manual Integrations
APPROVED

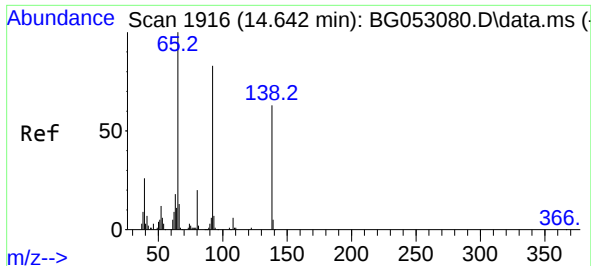
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#52
Acenaphthene
Concen: 53.212 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

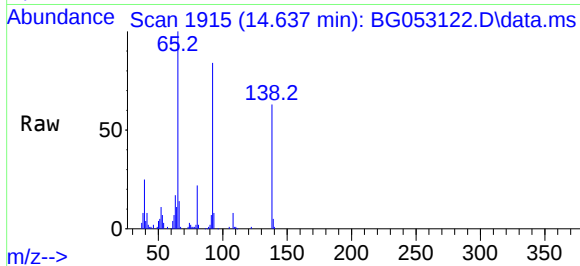
Tgt Ion:154 Resp: 334140
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.4
152 53.1 40.5 60.7





#53
3-Nitroaniline
Concen: 29.066 ng
RT: 14.637 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

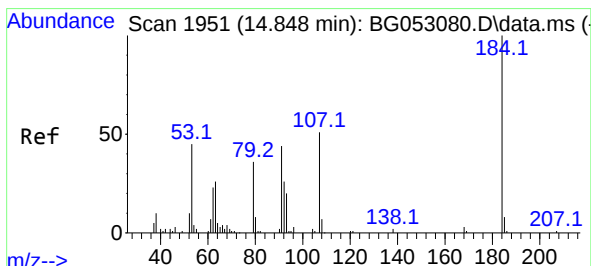
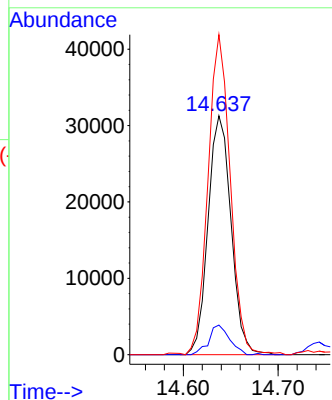
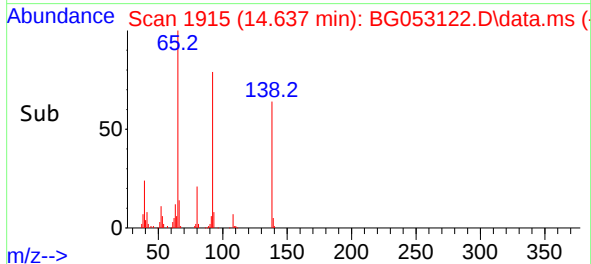
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



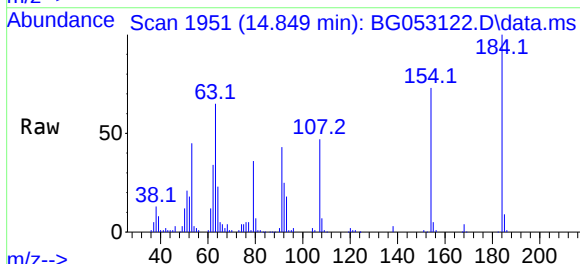
Tgt Ion:138 Resp: 52799
Ion Ratio Lower Upper
138 100
108 12.4 8.0 12.0
92 134.0 96.2 144.2

Manual Integrations
APPROVED

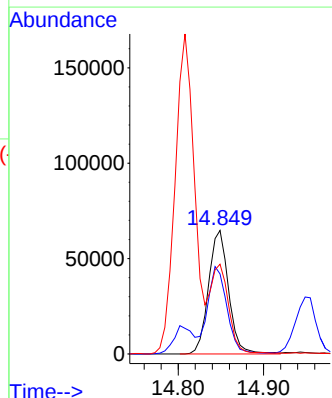
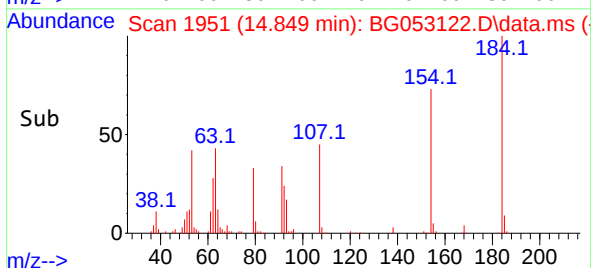
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#54
2,4-Dinitrophenol
Concen: 96.795 ng
RT: 14.849 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion:184 Resp: 105805
Ion Ratio Lower Upper
184 100
63 64.8 51.8 77.6
154 72.7 47.8 71.6





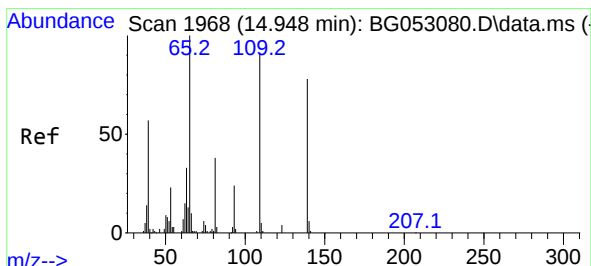
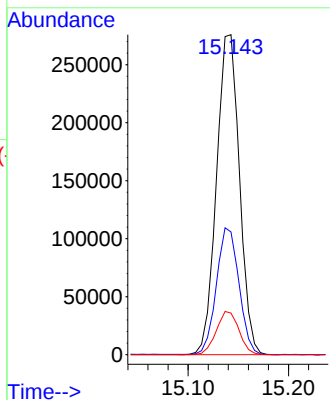
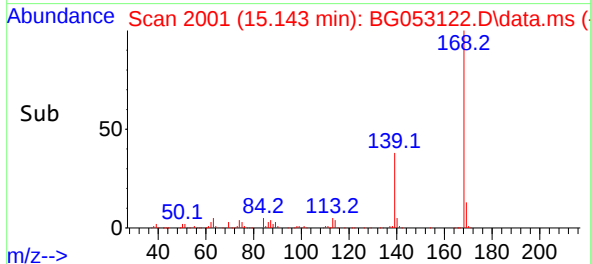
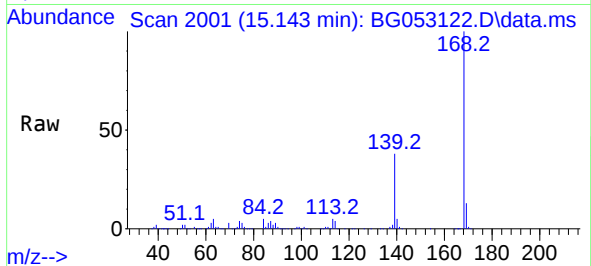
#55
Dibenzofuran
Concen: 44.503 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Tgt Ion:168 Resp: 43758
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.4
169 13.0 10.7 16.1

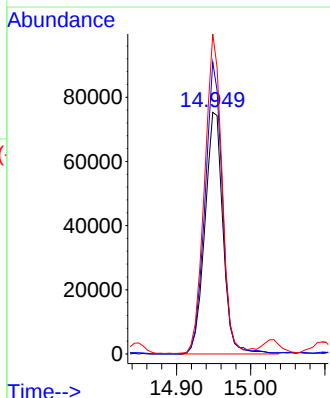
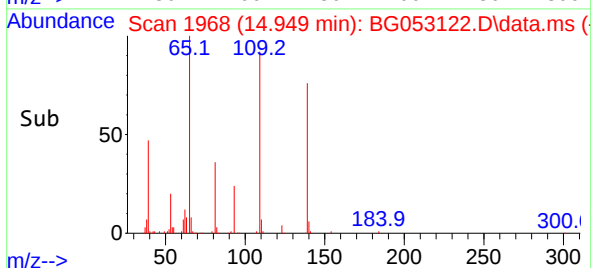
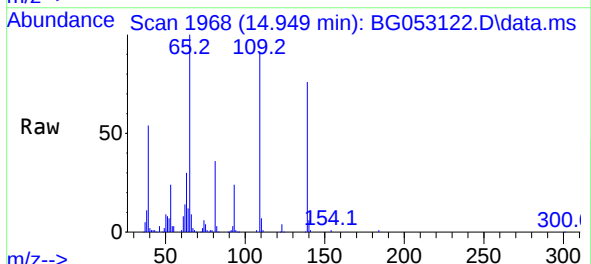
Manual Integrations
APPROVED

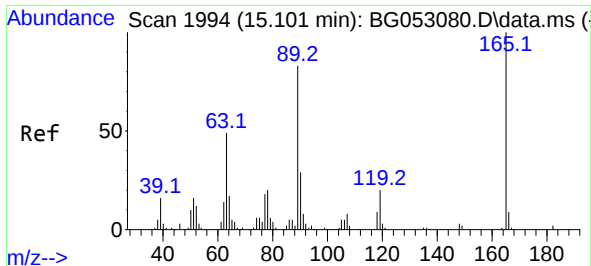
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#56
4-Nitrophenol
Concen: 92.251 ng
RT: 14.949 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

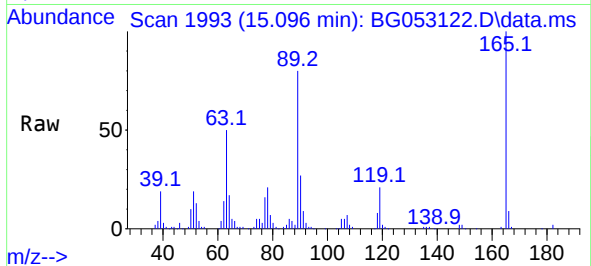
Tgt Ion:139 Resp: 127806
Ion Ratio Lower Upper
139 100
109 120.8 67.1 107.1#
65 132.4 88.2 128.2#





#57
2,4-Dinitrotoluene
Concen: 45.951 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

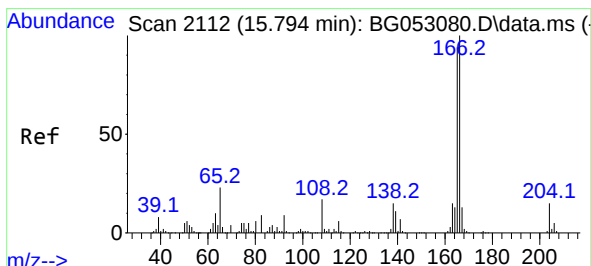
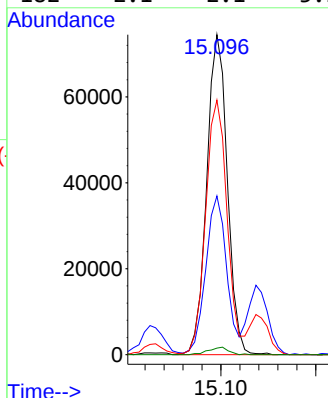
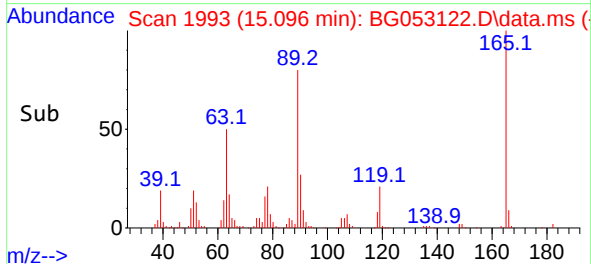
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



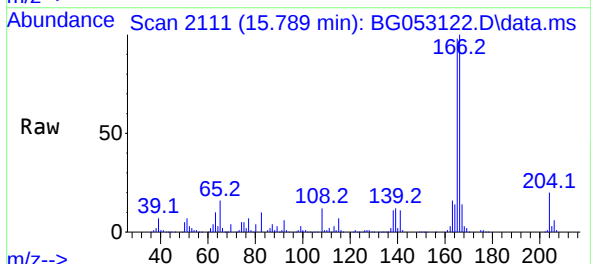
Tgt Ion:165 Resp: 11238
Ion Ratio Lower Upper
165 100
63 49.6 34.8 52.2
89 79.6 57.4 86.0
182 2.1 2.1 3.1#

Manual Integrations
APPROVED

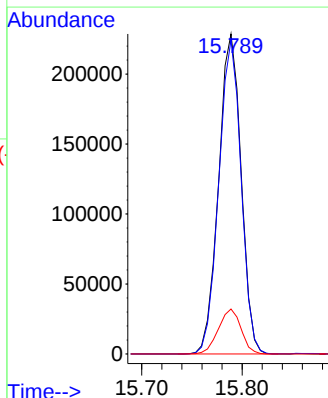
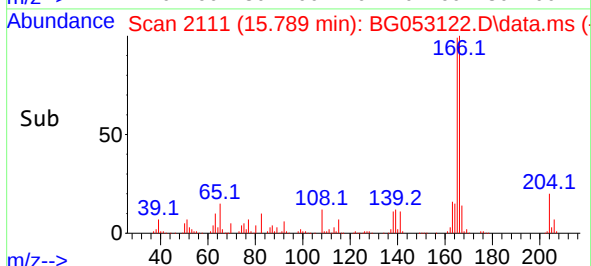
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

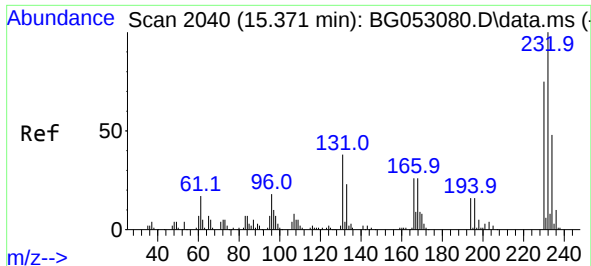


#58
Fluorene
Concen: 44.752 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion:166 Resp: 355395
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 14.1 10.9 16.3





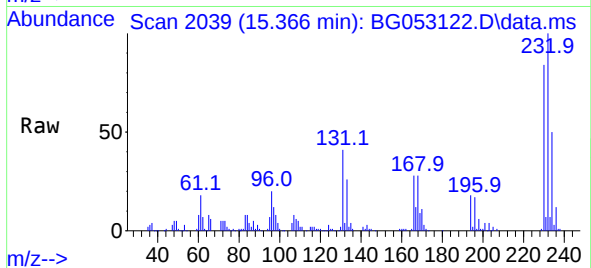
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.126 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :

BNA_G

ClientSampleId :

SB-01-COMPMSD

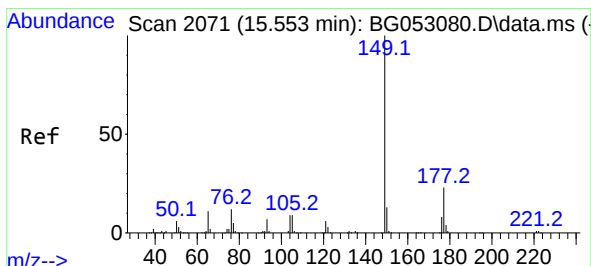
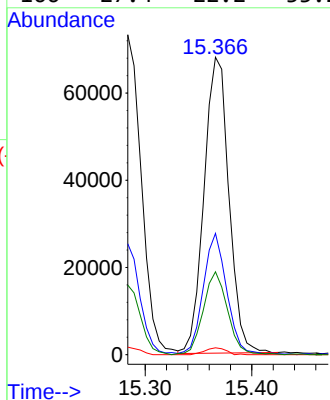
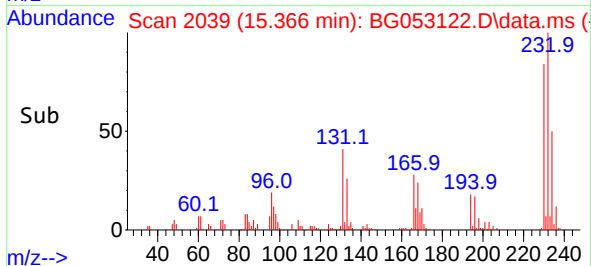


Tgt Ion:232 Resp: 110090
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.0 1.8 2.8
166 27.4 22.2 33.2

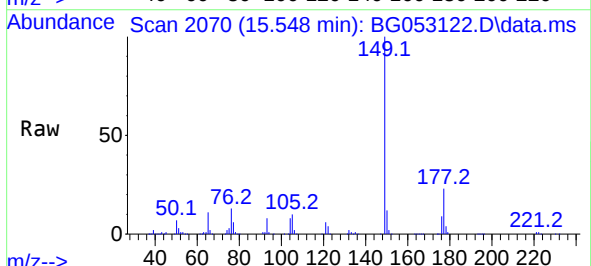
Manual Integrations

APPROVED

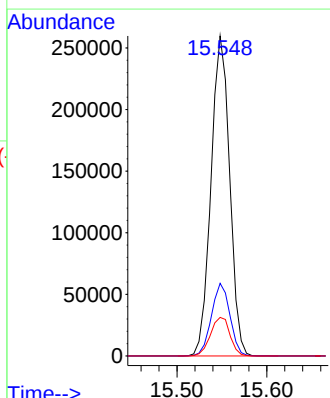
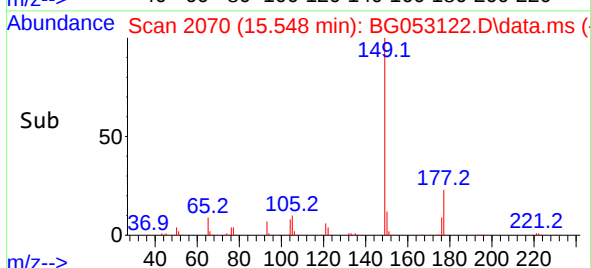
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#60
Diethylphthalate
Concen: 43.355 ng
RT: 15.548 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



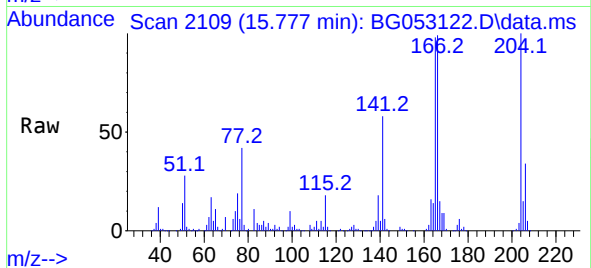
Tgt Ion:149 Resp: 374067
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.586 ng
RT: 15.777 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

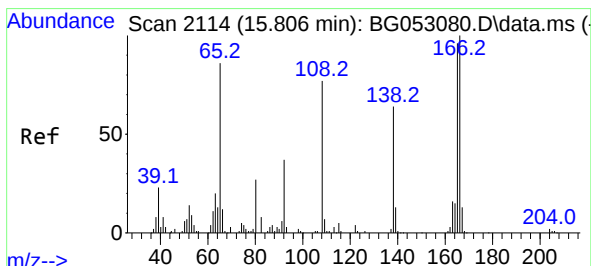
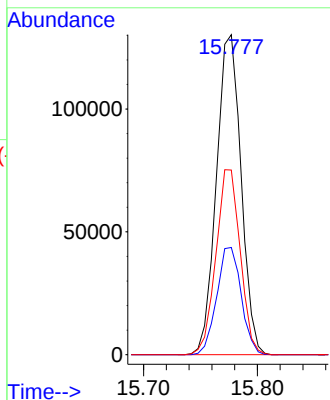
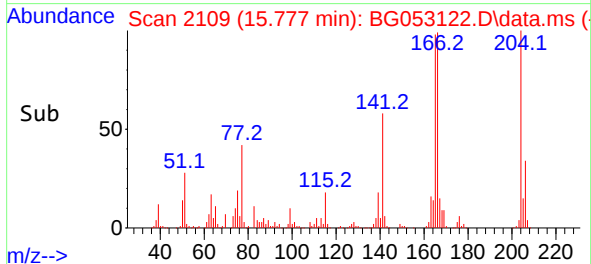
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



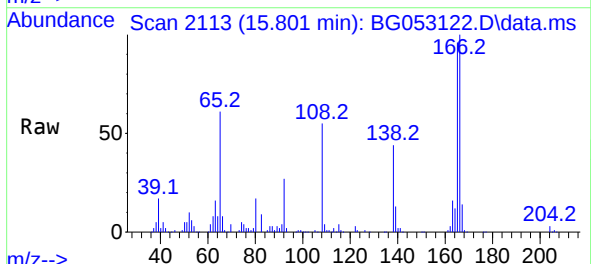
Tgt Ion:204 Resp: 196215
Ion Ratio Lower Upper
204 100
206 33.5 28.3 42.5
141 57.7 45.8 68.8

Manual Integrations
APPROVED

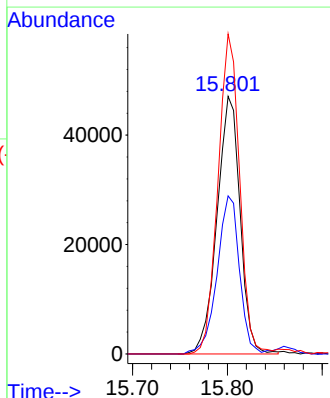
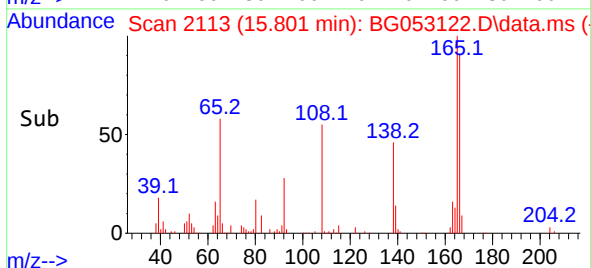
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

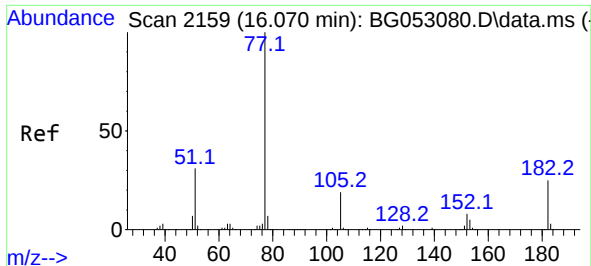


#62
4-Nitroaniline
Concen: 41.563 ng
RT: 15.801 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



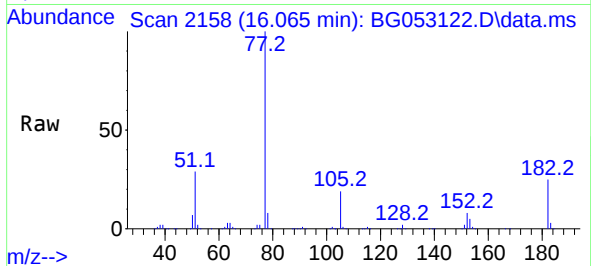
Tgt Ion:138 Resp: 79669
Ion Ratio Lower Upper
138 100
92 61.4 33.3 73.3
108 124.2 74.2 114.2#





#63
Azobenzene
Concen: 42.998 ng
RT: 16.065 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

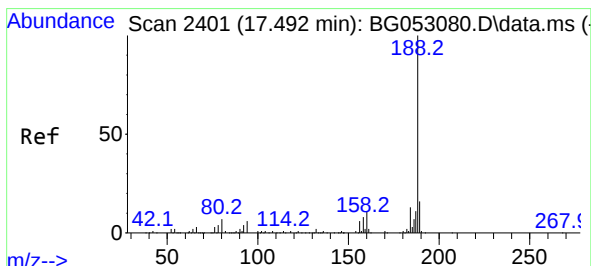
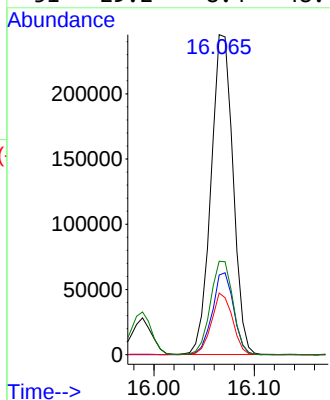
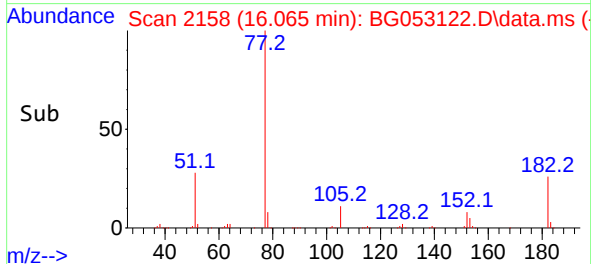
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



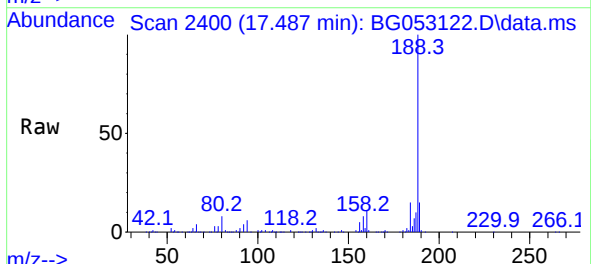
Tgt Ion: 77 Resp: 37403
Ion Ratio Lower Upper
77 100
182 24.9 5.6 45.6
105 19.3 0.0 38.8
51 29.2 8.4 48.4

Manual Integrations
APPROVED

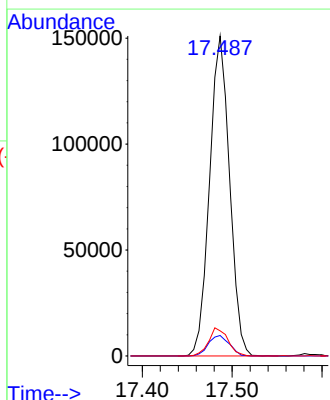
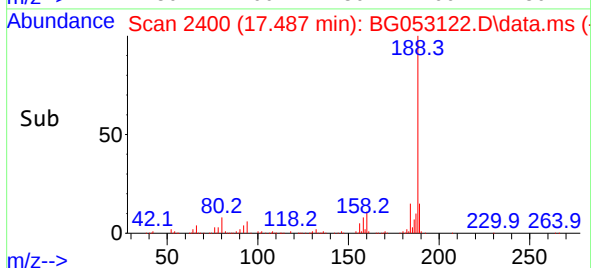
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion:188 Resp: 233579
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.9 7.2 10.8





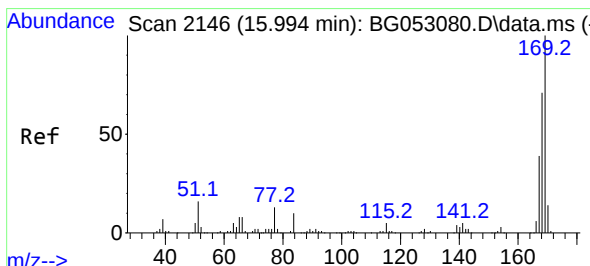
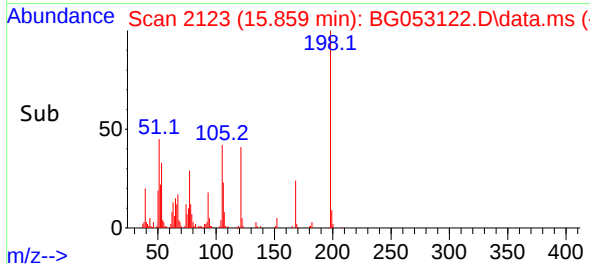
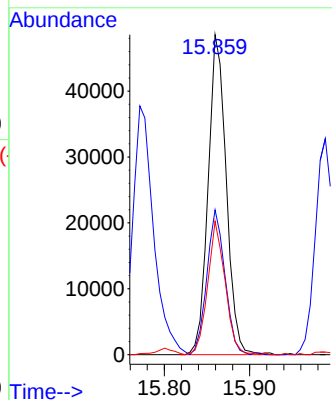
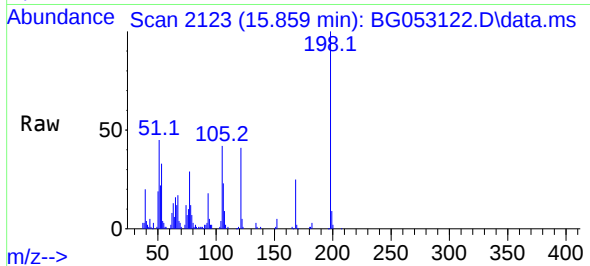
#65
4,6-Dinitro-2-methylphenol
Concen: 43.998 ng
RT: 15.859 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Tgt Ion:198 Resp: 71700
Ion Ratio Lower Upper
198 100
51 45.2 21.7 61.7
105 41.7 20.8 60.8

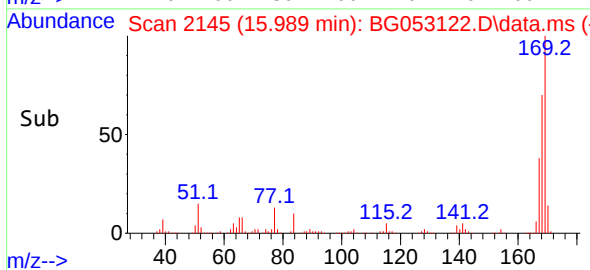
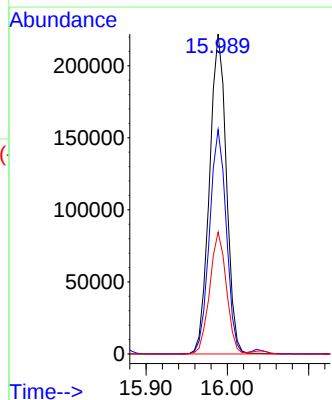
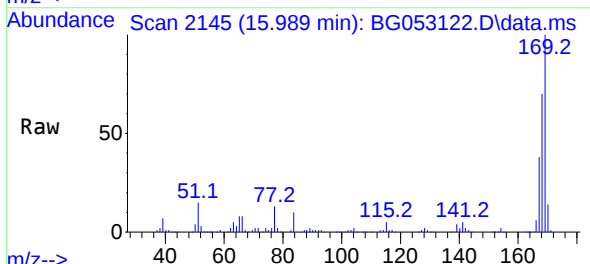
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#66
n-Nitrosodiphenylamine
Concen: 47.683 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

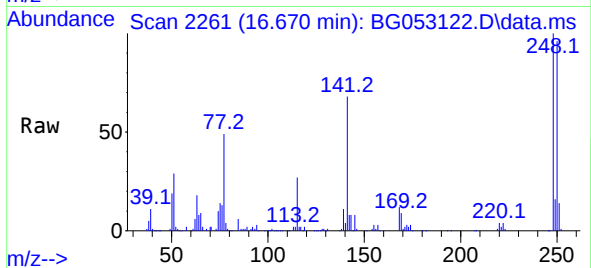
Tgt Ion:169 Resp: 320287
Ion Ratio Lower Upper
169 100
168 70.1 54.5 81.7
167 38.1 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.587 ng
RT: 16.670 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

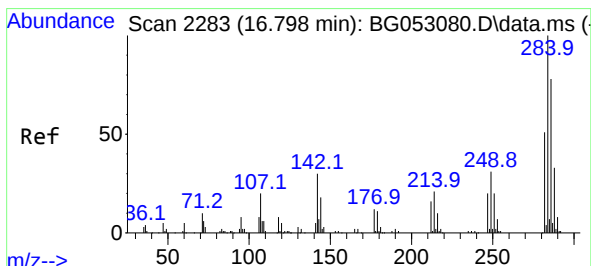
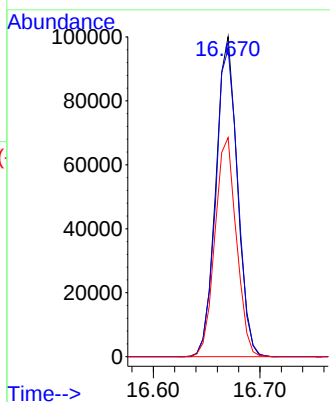
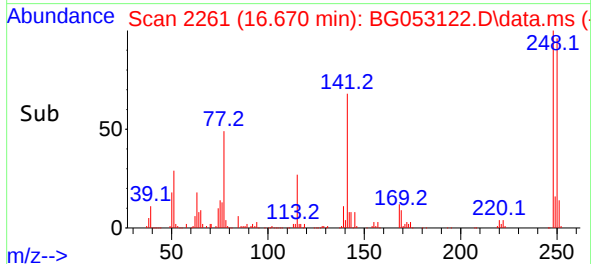
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



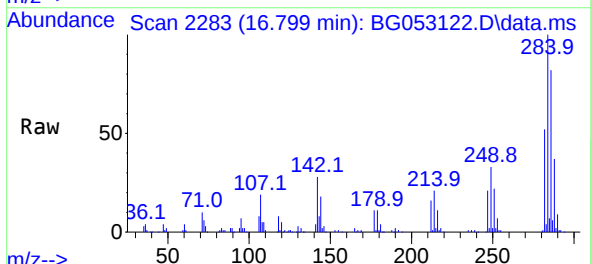
Tgt Ion:248 Resp: 13943
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 68.5 49.2 73.8

Manual Integrations
APPROVED

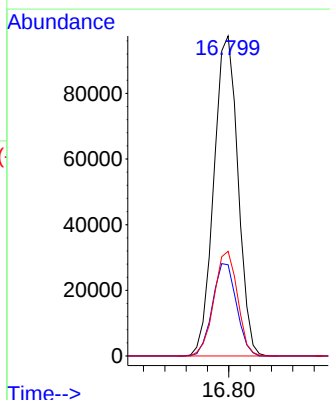
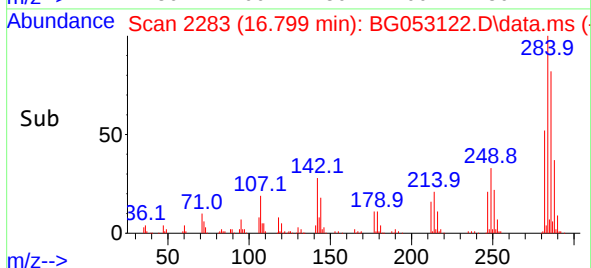
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

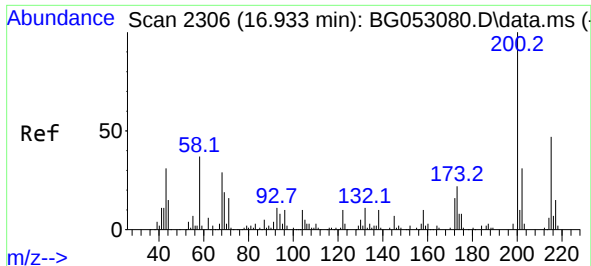


#68
Hexachlorobenzene
Concen: 47.110 ng
RT: 16.799 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



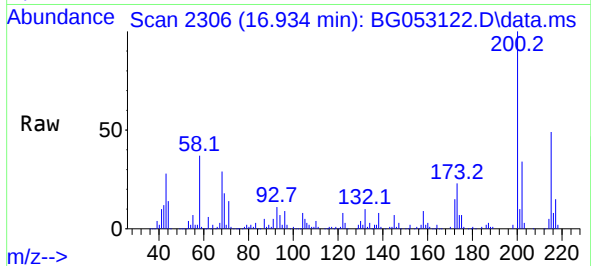
Tgt Ion:284 Resp: 152696
Ion Ratio Lower Upper
284 100
142 28.5 21.0 31.4
249 32.7 22.7 34.1





#69
Atrazine
Concen: 51.503 ng
RT: 16.934 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

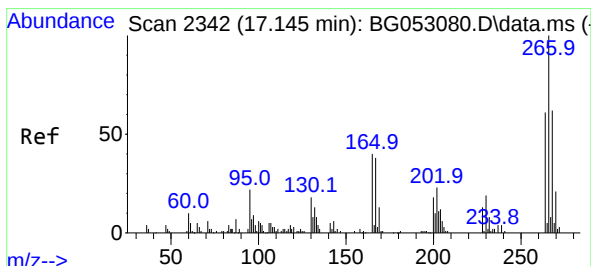
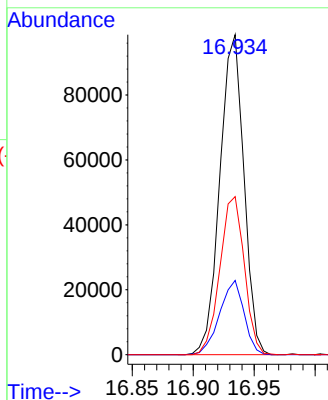
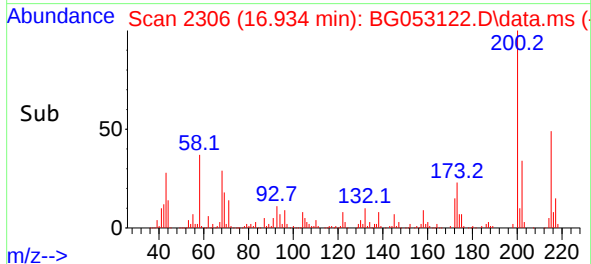
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



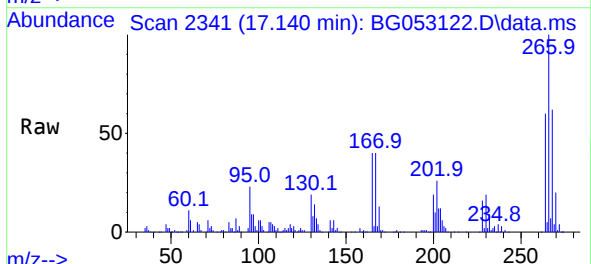
Tgt Ion:200 Resp: 13513
Ion Ratio Lower Upper
200 100
173 23.2 3.8 43.8
215 49.4 26.3 66.3

Manual Integrations
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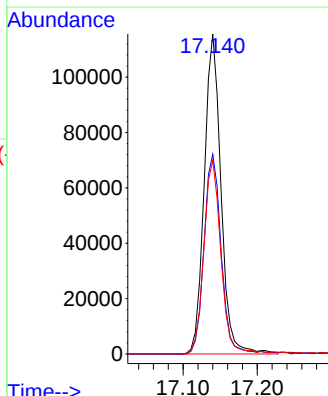
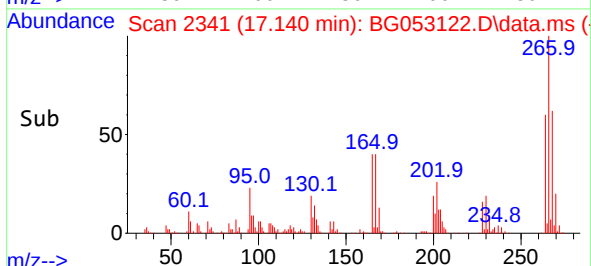
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

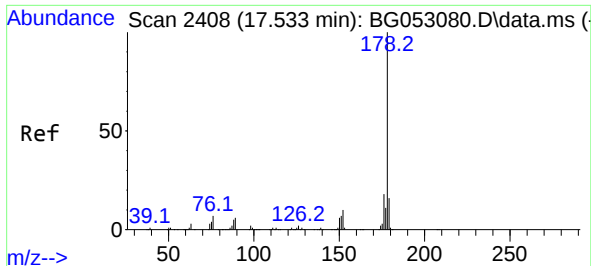


#70
Pentachlorophenol
Concen: 102.297 ng
RT: 17.140 min Scan# 2341
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion:266 Resp: 181211
Ion Ratio Lower Upper
266 100
268 62.4 45.9 68.9
264 60.5 45.3 67.9





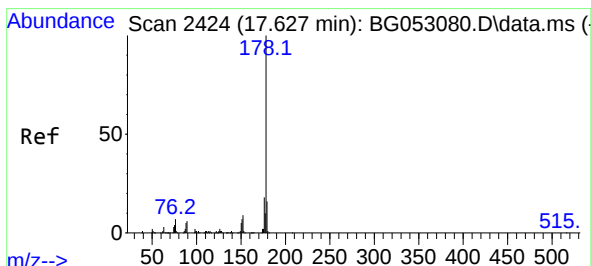
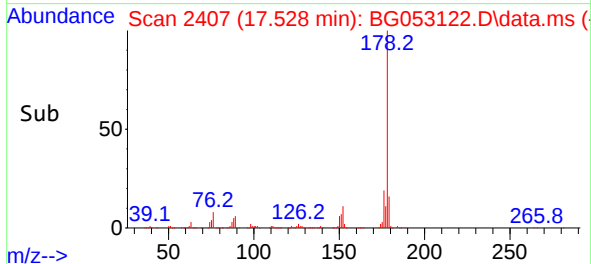
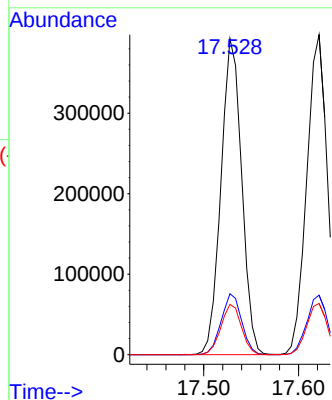
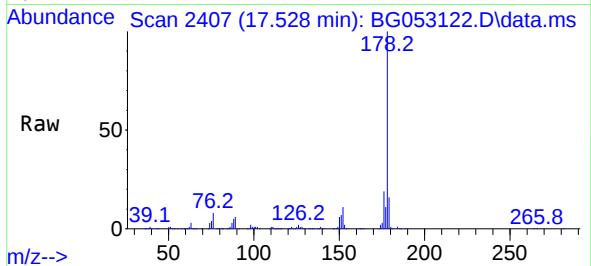
#71
Phenanthrene
Concen: 46.816 ng
RT: 17.528 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Tgt Ion:178 Resp: 597302
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.9 13.4 20.2

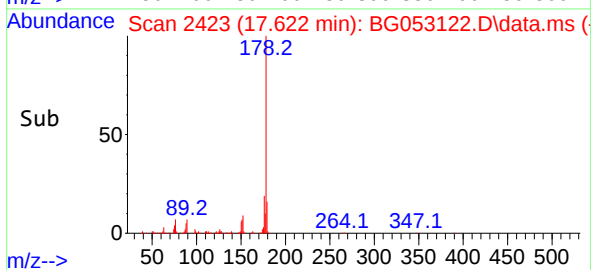
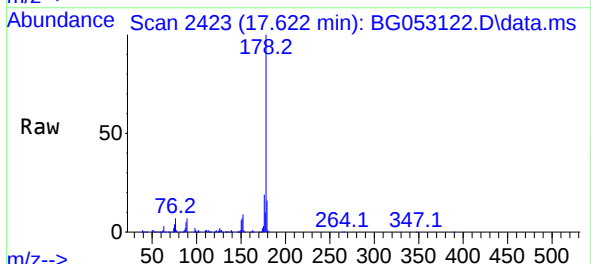
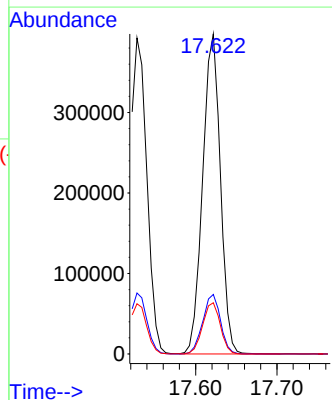
Manual Integrations
APPROVED

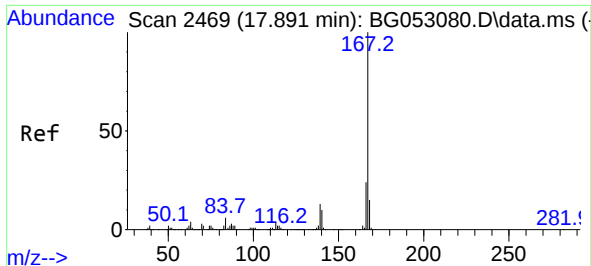
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#72
Anthracene
Concen: 47.600 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

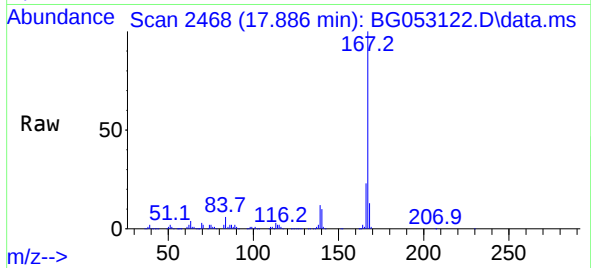
Tgt Ion:178 Resp: 601648
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.0 13.2 19.8





#73
Carbazole
Concen: 44.217 ng
RT: 17.886 min Scan# 2468
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

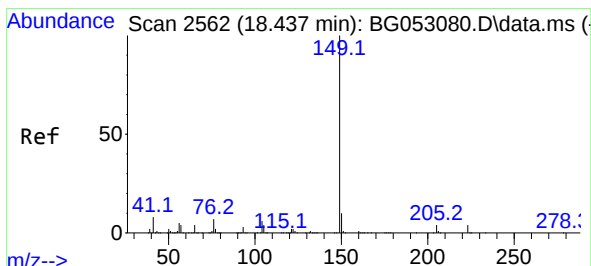
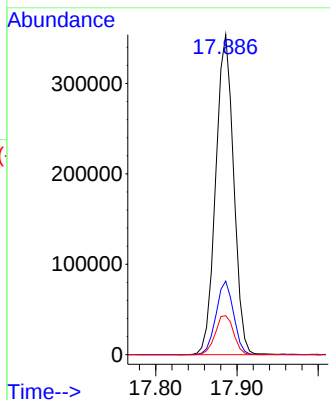
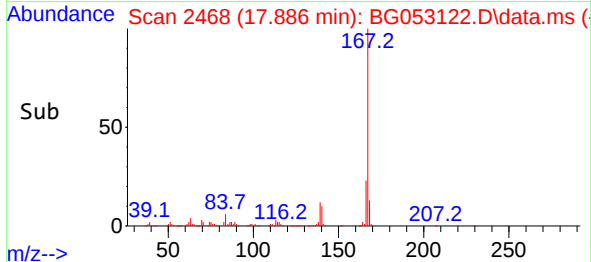
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



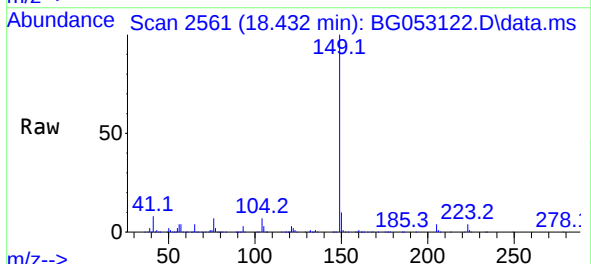
Tgt Ion:167 Resp: 543280
Ion Ratio Lower Upper
167 100
166 23.0 18.5 27.7
139 12.2 10.0 15.0

Manual Integrations
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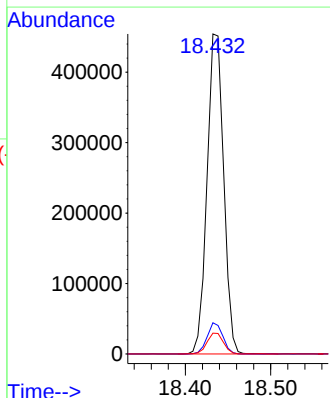
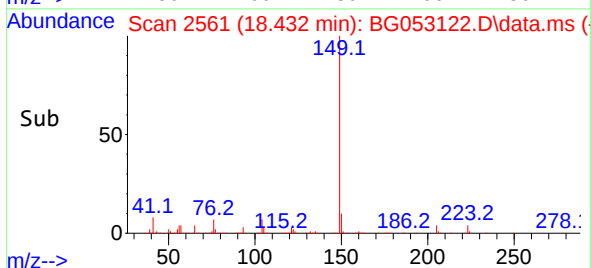
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

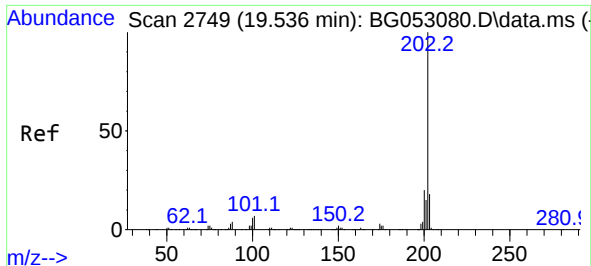


#74
Di-n-butylphthalate
Concen: 44.123 ng
RT: 18.432 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



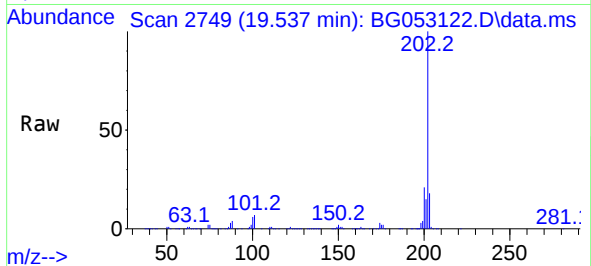
Tgt Ion:149 Resp: 614842
Ion Ratio Lower Upper
149 100
150 9.7 7.0 10.6
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 43.934 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

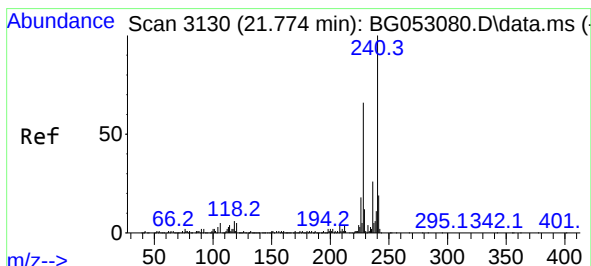
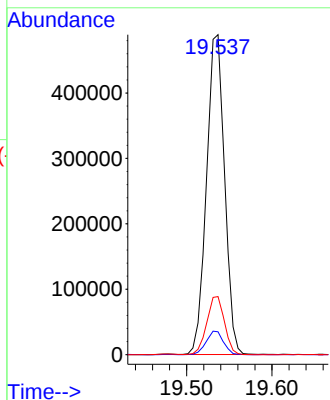
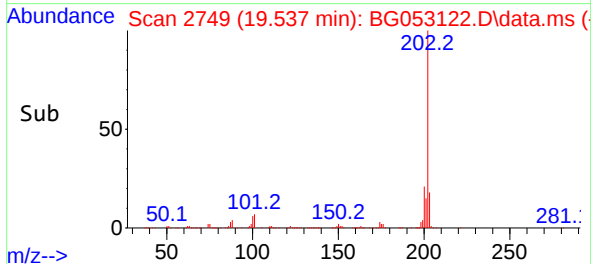
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



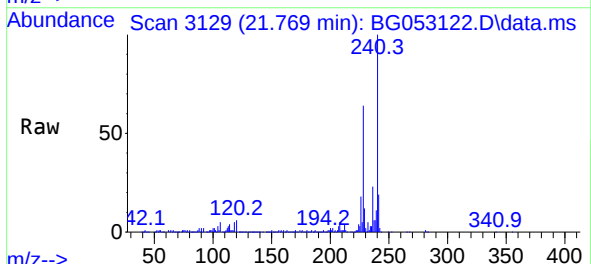
Tgt Ion:202 Resp: 718510
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.1 0.0 37.7

Manual Integrations
APPROVED

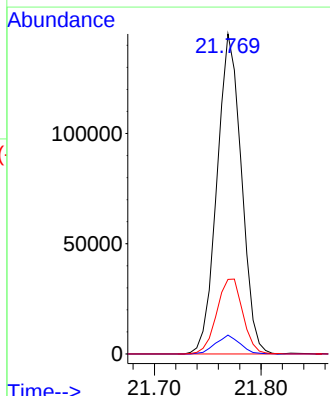
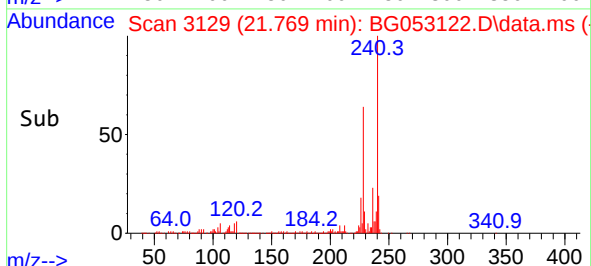
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

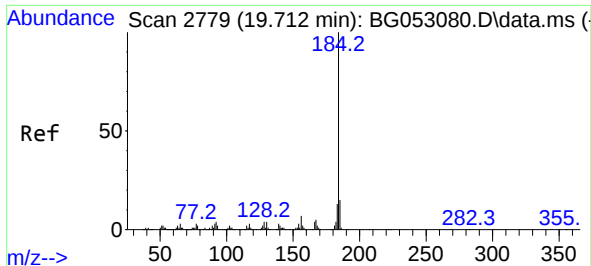


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



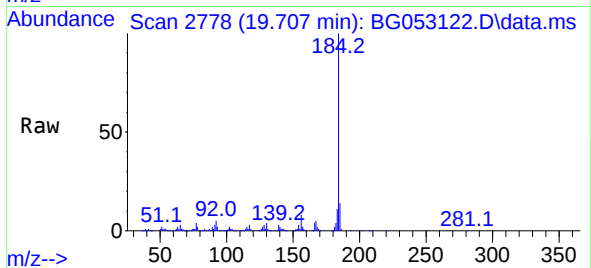
Tgt Ion:240 Resp: 230992
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 23.3 19.8 29.6





#77
Benzidine
Concen: 63.574 ng
RT: 19.707 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

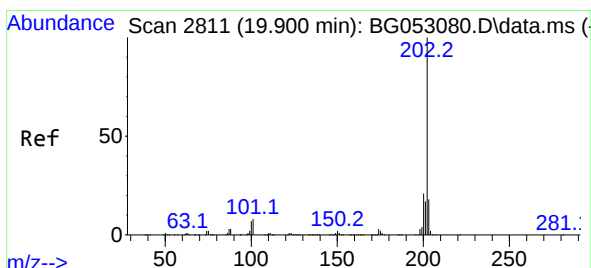
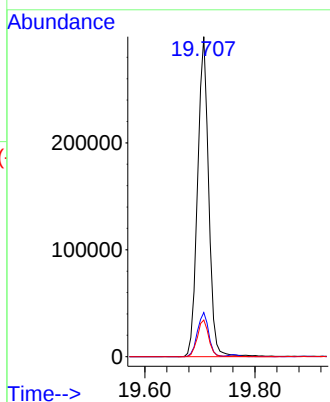
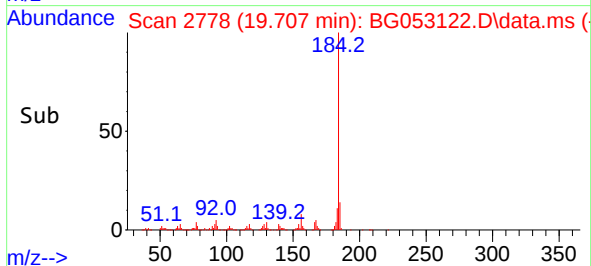
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



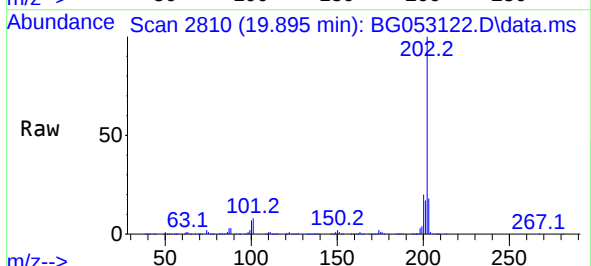
Tgt Ion:184 Resp: 41898
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.4 9.4 14.2

Manual Integrations
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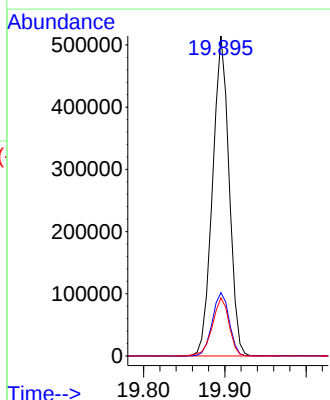
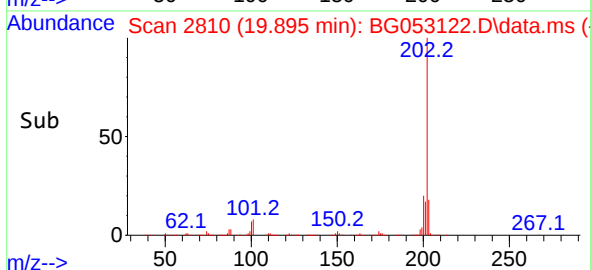
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

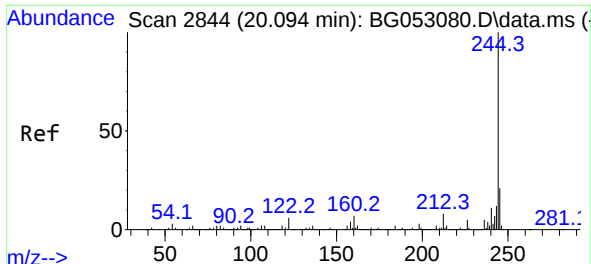


#78
Pyrene
Concen: 44.134 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



Tgt Ion:202 Resp: 726066
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.6
203 18.1 15.0 22.6





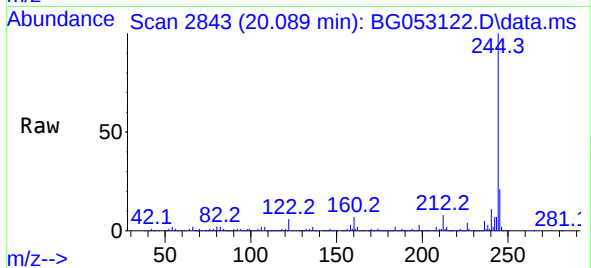
#79
 Terphenyl-d14
 Concen: 68.761 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053122.D
 Acq: 12 Apr 2022 16:38

Instrument :

BNA_G

ClientSampleId :

SB-01-COMPMSD

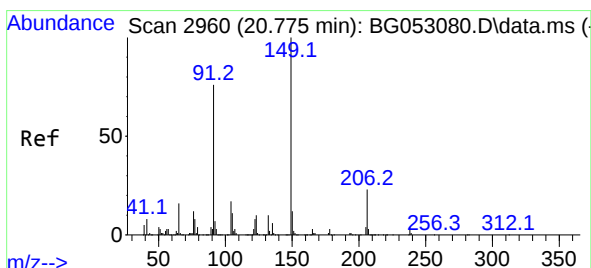
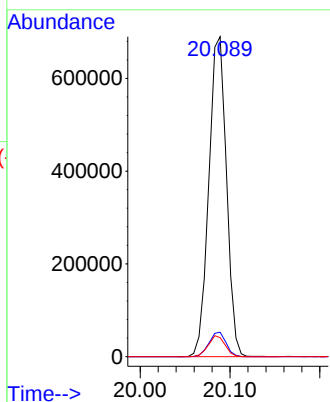
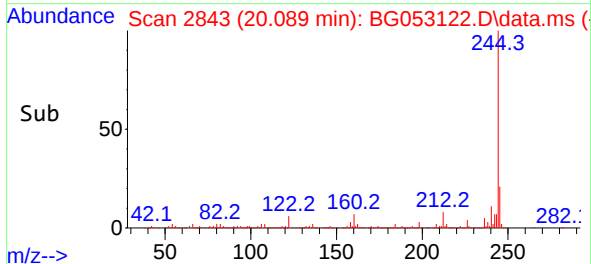


Tgt Ion:244 Resp: 940444
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.0 5.8 8.6

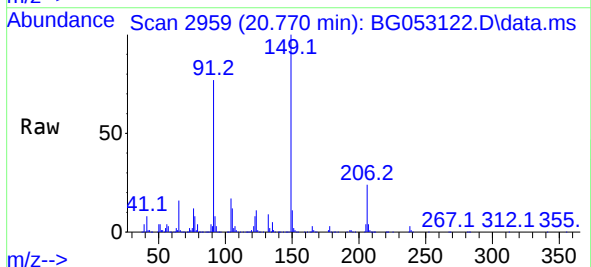
Manual Integrations

APPROVED

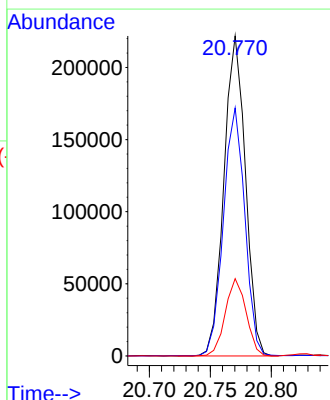
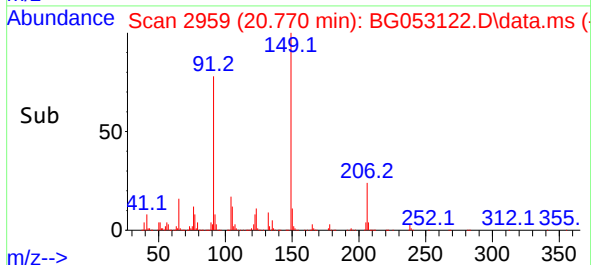
Reviewed By :Christian Giraldo 04/13/2022
 Supervised By :Jagrut Upadhyay 04/13/2022

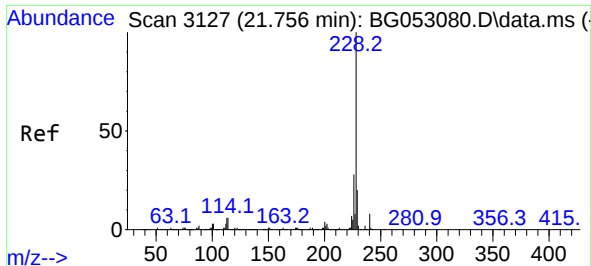


#80
 Butylbenzylphthalate
 Concen: 44.406 ng
 RT: 20.770 min Scan# 2959
 Delta R.T. -0.005 min
 Lab File: BG053122.D
 Acq: 12 Apr 2022 16:38



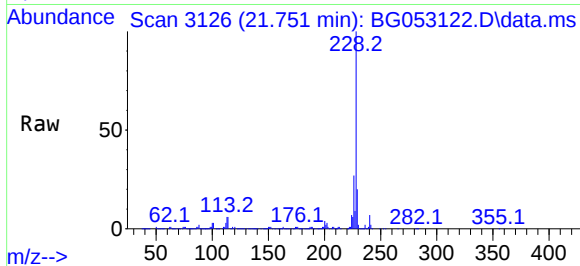
Tgt Ion:149 Resp: 272353
 Ion Ratio Lower Upper
 149 100
 91 77.5 60.2 90.4
 206 24.2 19.4 29.2





#81
Benzo(a)anthracene
Concen: 46.319 ng
RT: 21.751 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

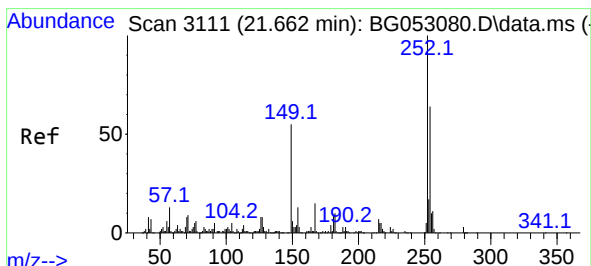
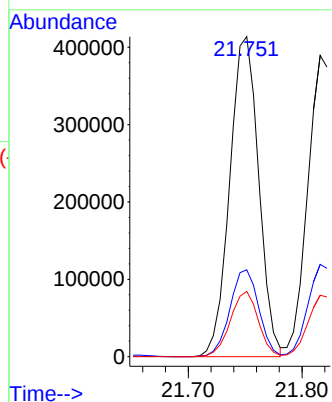
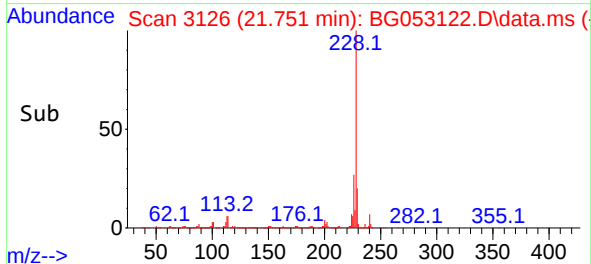
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:228 Resp: 731544
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.4 16.7 25.1

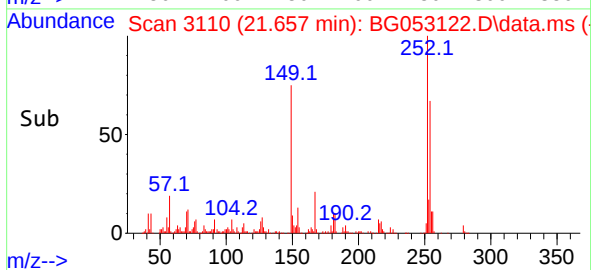
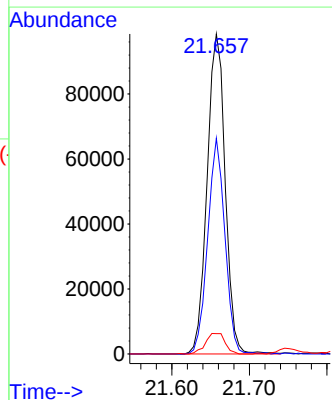
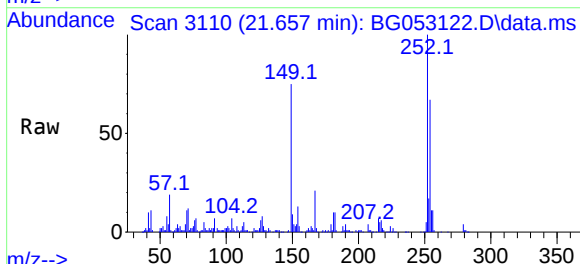
Manual Integrations
APPROVED

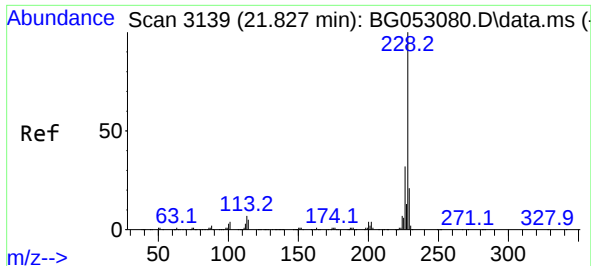
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#82
3,3'-Dichlorobenzidine
Concen: 27.456 ng
RT: 21.657 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

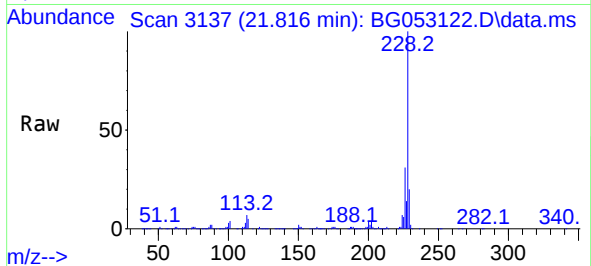
Tgt Ion:252 Resp: 159475
Ion Ratio Lower Upper
252 100
254 67.4 51.2 76.8
126 6.3 5.8 8.8





#83
Chrysene
Concen: 45.813 ng
RT: 21.816 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

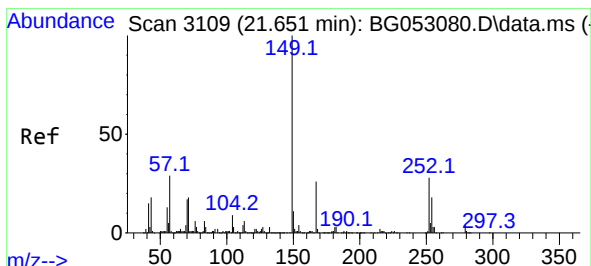
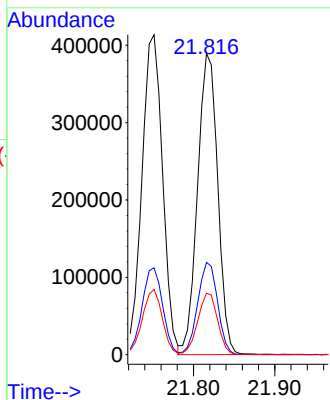
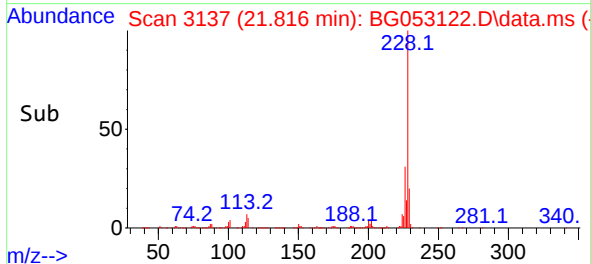
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:228 Resp: 671510
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.4 16.3 24.5

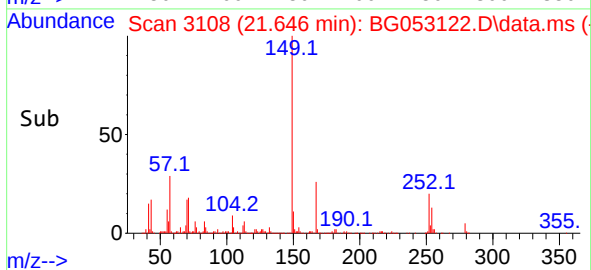
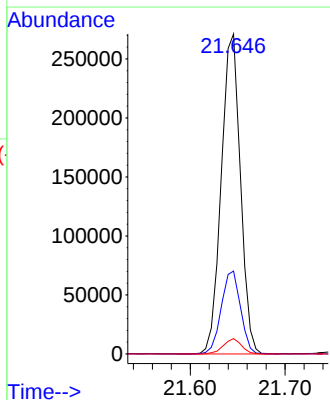
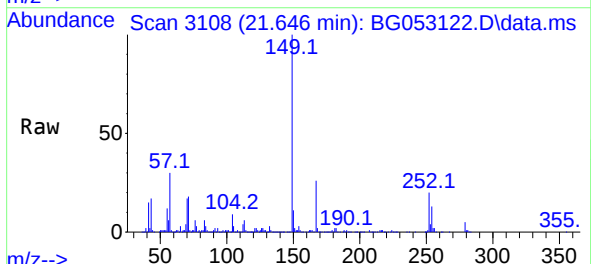
Manual Integrations
APPROVED

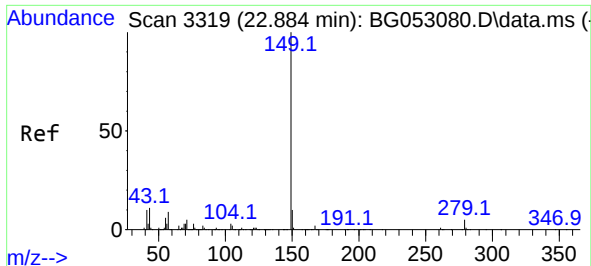
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.958 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

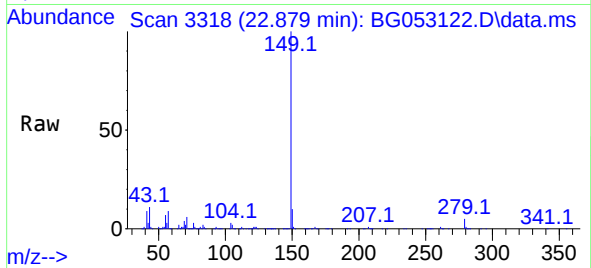
Tgt Ion:149 Resp: 381012
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.2
279 4.8 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 46.296 ng
RT: 22.879 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

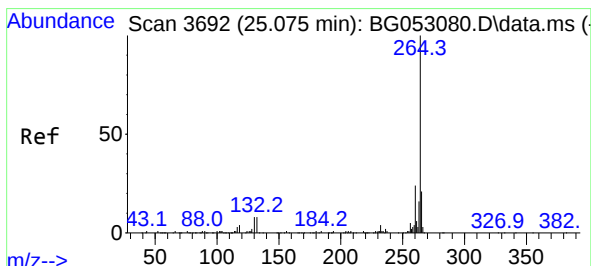
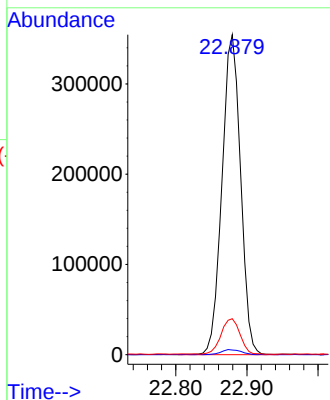
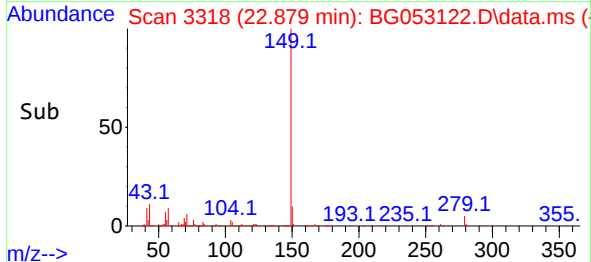
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



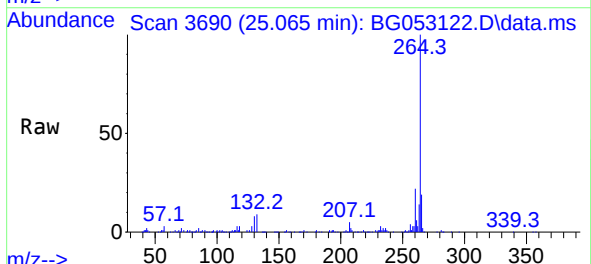
Tgt Ion:149 Resp: 64191
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 7.6 11.4

Manual Integrations
APPROVED

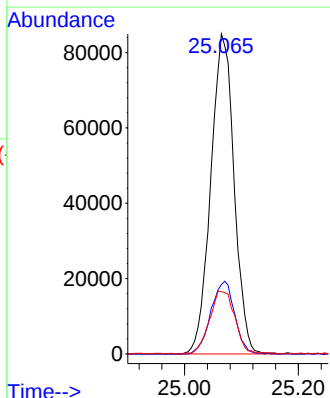
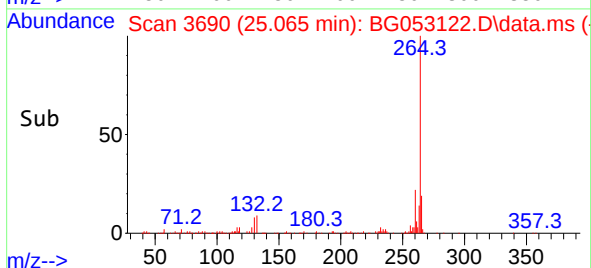
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

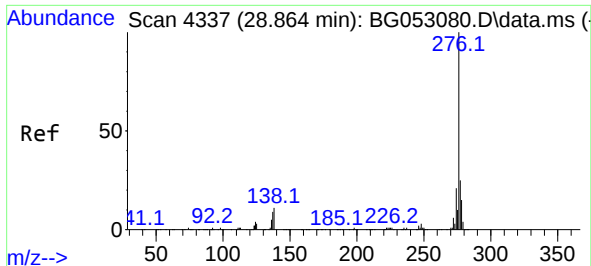


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3690
Delta R.T. -0.011 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38



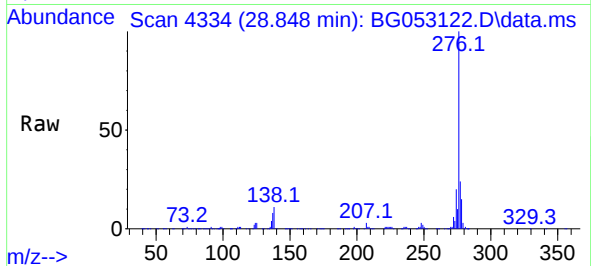
Tgt Ion:264 Resp: 241477
Ion Ratio Lower Upper
264 100
260 21.7 18.2 27.2
265 19.5 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.202 ng
RT: 28.848 min Scan# 41
Delta R.T. -0.017 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

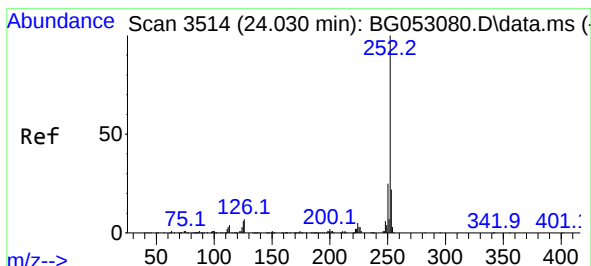
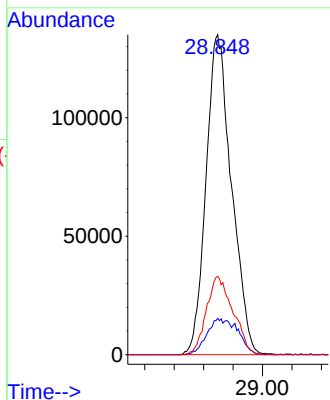
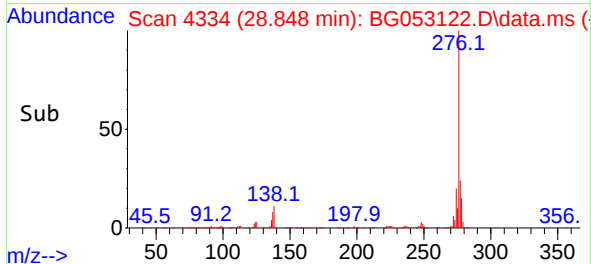
Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD



Tgt Ion:276 Resp: 810934
Ion Ratio Lower Upper
276 100
138 7.1 8.7 13.1
277 25.5 20.2 30.4

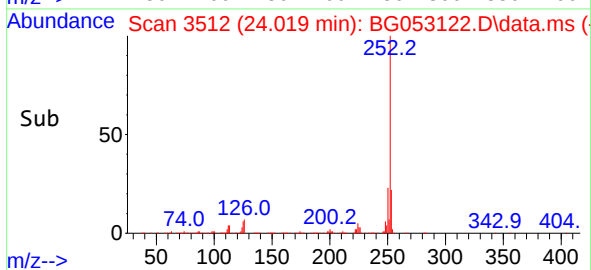
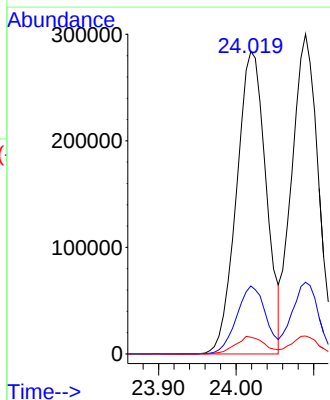
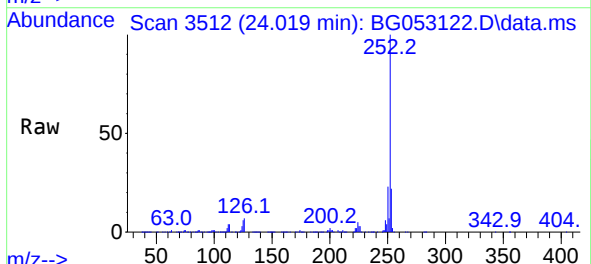
Manual Integrations
APPROVED

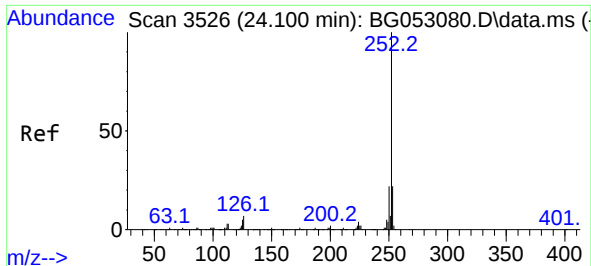
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#88
Benzo(b)fluoranthene
Concen: 49.323 ng
RT: 24.019 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Tgt Ion:252 Resp: 751476
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 5.6 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 47.118 ng

RT: 24.089 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG053122.D

Acq: 12 Apr 2022 16:38

Instrument :

BNA_G

ClientSampleId :

SB-01-COMPMSD

Tgt Ion:252 Resp: 705540

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

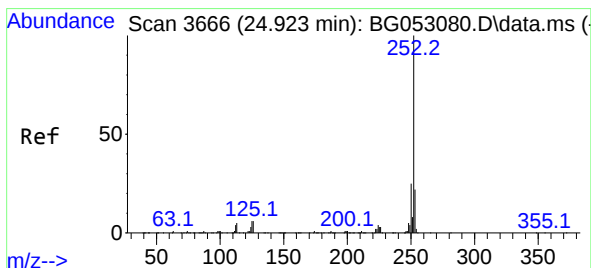
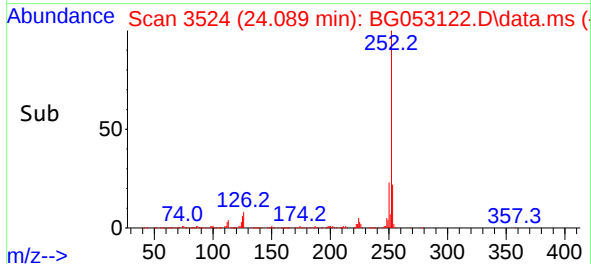
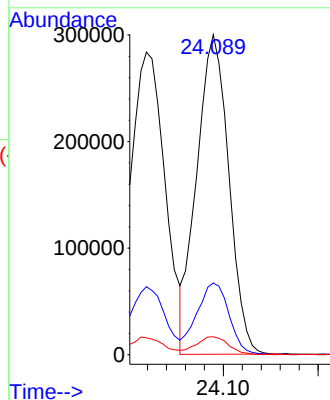
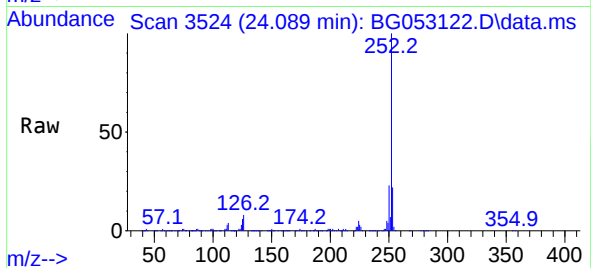
125 5.6 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#90

Benzo(a)pyrene

Concen: 55.209 ng

RT: 24.918 min Scan# 3665

Delta R.T. -0.005 min

Lab File: BG053122.D

Acq: 12 Apr 2022 16:38

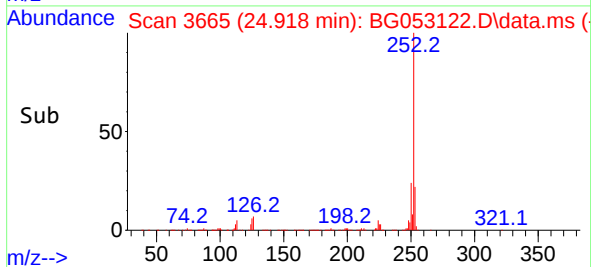
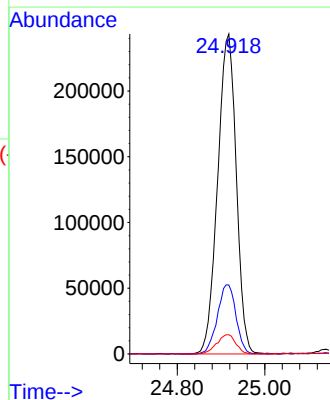
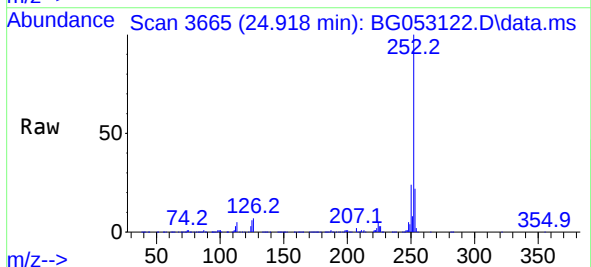
Tgt Ion:252 Resp: 716592

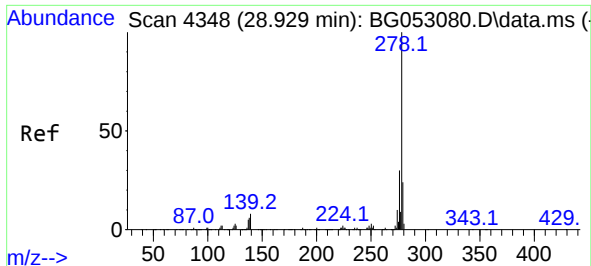
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 6.0 5.6 8.4





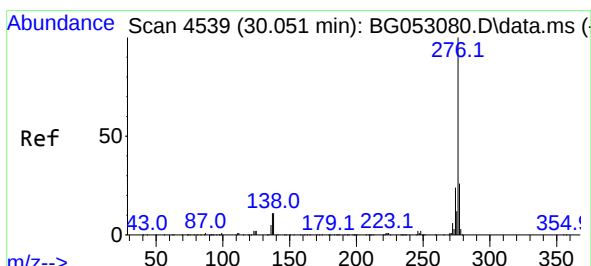
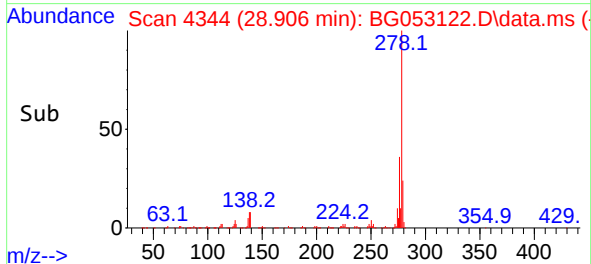
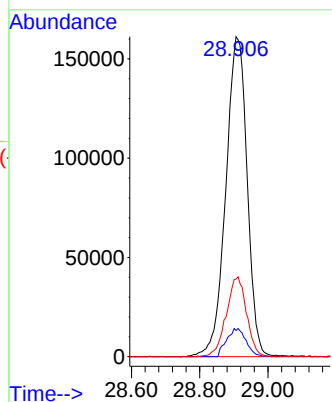
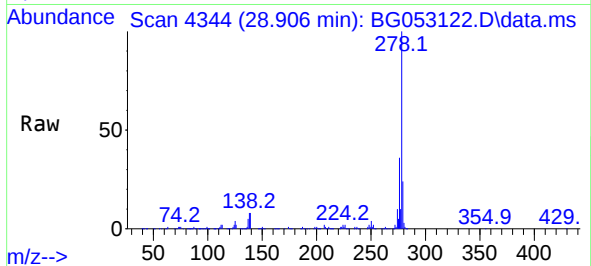
#91
Dibenzo(a,h)anthracene
Concen: 47.410 ng
RT: 28.906 min Scan# 41
Delta R.T. -0.023 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Tgt Ion:278 Resp: 70004
Ion Ratio Lower Upper
278 100
139 8.2 7.8 11.6
279 24.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#92
Benzo(g,h,i)perylene
Concen: 47.601 ng
RT: 30.023 min Scan# 4534
Delta R.T. -0.028 min
Lab File: BG053122.D
Acq: 12 Apr 2022 16:38

Tgt Ion:276 Resp: 692779
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.2
138 10.5 9.1 13.7

