

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053116.D
 Acq On : 12 Apr 2022 12:25
 Operator : CG/JU
 Sample : PB144020BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144020BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 13 06:12:47 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	8.117	152	34194	20.000	ng	# 0.00
21) Naphthalene-d8	10.931	136	144542	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	109212	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	251225	20.000	ng	0.00
76) Chrysene-d12	21.770	240	260812	20.000	ng	0.00
86) Perylene-d12	25.071	264	257870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	273828	137.273	ng	0.00
7) Phenol-d6	7.283	99	397008	129.060	ng	0.00
23) Nitrobenzene-d5	9.281	82	267242	75.071	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	187848	108.113	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	603433	76.189	ng	0.00
79) Terphenyl-d14	20.089	244	1148041	74.342	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.565	88	29162	30.612	ng	# 88
3) Pyridine	3.964	79	80206	31.923	ng	# 83
4) n-Nitrosodimethylamine	3.876	42	52436	42.145	ng	82
6) Aniline	7.442	93	124586	34.947	ng	99
8) 2-Chlorophenol	7.689	128	101808	47.275	ng	97
9) Benzaldehyde	7.254	77	59798m	32.521	ng	
10) Phenol	7.307	94	140639	45.931	ng	89
11) bis(2-Chloroethyl)ether	7.530	93	93480	42.352	ng	94
12) 1,3-Dichlorobenzene	8.012	146	105061m	41.984	ng	
13) 1,4-Dichlorobenzene	8.159	146	103502	40.570	ng	97
14) 1,2-Dichlorobenzene	8.476	146	101888	41.415	ng	97
15) Benzyl Alcohol	8.352	79	115537	42.256	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	153172	41.566	ng	97
17) 2-Methylphenol	8.564	107	93298	45.027	ng	96
18) Hexachloroethane	9.210	117	39303	41.082	ng	92
19) n-Nitroso-di-n-propyla...	8.922	70	94009	41.743	ng	94
20) 3+4-Methylphenols	8.887	107	130258	44.532	ng	93
22) Acetophenone	8.940	105	157514	39.280	ng	95
24) Nitrobenzene	9.328	77	139603	40.318	ng	90
25) Isophorone	9.845	82	250481	41.397	ng	98
26) 2-Nitrophenol	10.038	139	55655	38.438	ng	92
27) 2,4-Dimethylphenol	10.097	122	101594	48.993	ng	98
28) bis(2-Chloroethoxy)met...	10.326	93	133502	39.273	ng	98
29) 2,4-Dichlorophenol	10.579	162	109391	41.962	ng	98
30) 1,2,4-Trichlorobenzene	10.796	180	111548	37.807	ng	96
31) Naphthalene	10.984	128	306829	39.788	ng	100
32) Benzoic acid	10.238	122	52079	39.301	ng	92
33) 4-Chloroaniline	11.084	127	78725	23.839	ng	97
34) Hexachlorobutadiene	11.272	225	81499	37.186	ng	97
35) Caprolactam	11.848	113	34562m	37.613	ng	
36) 4-Chloro-3-methylphenol	12.200	107	123893	40.822	ng	93
37) 2-Methylnaphthalene	12.582	142	223465	39.162	ng	96
38) 1-Methylnaphthalene	12.799	142	214548m	38.519	ng	
40) 1,2,4,5-Tetrachloroben...	12.946	216	139974	37.737	ng	99
41) Hexachlorocyclopentadiene	12.929	237	184167	96.182	ng	95
43) 2,4,6-Trichlorophenol	13.181	196	95752	37.441	ng	98

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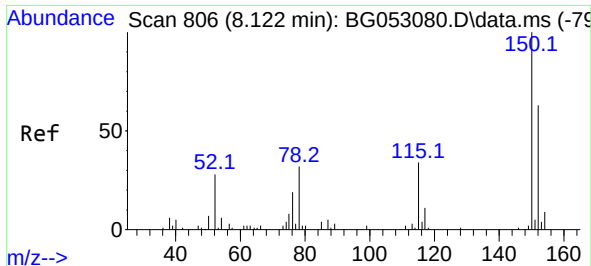
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	106478	39.072	ng	97
46) 1,1'-Biphenyl	13.581	154	309003	39.289	ng	99
47) 2-Chloronaphthalene	13.628	162	243470	38.802	ng	96
48) 2-Nitroaniline	13.816	65	90700	38.090	ng	93
49) Acenaphthylene	14.468	152	409335	41.674	ng	99
50) Dimethylphthalate	14.192	163	322316	36.899	ng	99
51) 2,6-Dinitrotoluene	14.309	165	69219	37.984	ng	86
52) Acenaphthene	14.808	154	296574m	44.524	ng	
53) 3-Nitroaniline	14.638	138	50360	26.135	ng	# 89
54) 2,4-Dinitrophenol	14.844	184	93053	80.252	ng	# 88
55) Dibenzofuran	15.143	168	393197	37.698	ng	99
56) 4-Nitrophenol	14.949	139	115527	78.610	ng	# 80
57) 2,4-Dinitrotoluene	15.096	165	100982	38.923	ng	92
58) Fluorene	15.789	166	321491	38.163	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	97730	36.928	ng	98
60) Diethylphthalate	15.549	149	331121	36.179	ng	99
61) 4-Chlorophenyl-phenyle...	15.778	204	175739	36.801	ng	96
62) 4-Nitroaniline	15.801	138	73364	36.081	ng	88
63) Azobenzene	16.066	77	341566	37.016	ng	97
65) 4,6-Dinitro-2-methylph...	15.860	198	62120	35.442	ng	92
66) n-Nitrosodiphenylamine	15.989	169	283651	39.263	ng	98
67) 4-Bromophenyl-phenylether	16.671	248	122116	37.935	ng	97
68) Hexachlorobenzene	16.800	284	135026	38.733	ng	96
69) Atrazine	16.929	200	121315	42.989	ng	97
70) Pentachlorophenol	17.141	266	155260	81.491	ng	93
71) Phenanthrene	17.528	178	537165	39.145	ng	99
72) Anthracene	17.622	178	541845	39.857	ng	100
73) Carbazole	17.887	167	505760	38.272	ng	97
74) Di-n-butylphthalate	18.433	149	579112	38.640	ng	98
75) Fluoranthene	19.531	202	691425	39.308	ng	99
77) Benzidine	19.708	184	273752	36.788	ng	100
78) Pyrene	19.896	202	687875	37.032	ng	99
80) Butylbenzylphthalate	20.771	149	264068	38.132	ng	99
81) Benzo(a)anthracene	21.752	228	688119	38.588	ng	98
82) 3,3'-Dichlorobenzidine	21.658	252	180342	27.499	ng	99
83) Chrysene	21.817	228	623403	37.668	ng	100
84) Bis(2-ethylhexyl)phtha...	21.646	149	368120	39.326	ng	100
85) Di-n-octyl phthalate	22.880	149	614015	39.221	ng	96
87) Indeno(1,2,3-cd)pyrene	28.848	276	747426	39.013	ng	# 96
88) Benzo(b)fluoranthene	24.019	252	695630	42.755	ng	98
89) Benzo(k)fluoranthene	24.090	252	662396	41.424	ng	99
90) Benzo(a)pyrene	24.918	252	667475	48.156	ng	98
91) Dibenzo(a,h)anthracene	28.901	278	659911	41.851	ng	99
92) Benzo(g,h,i)perylene	30.035	276	646223	41.580	ng	97

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

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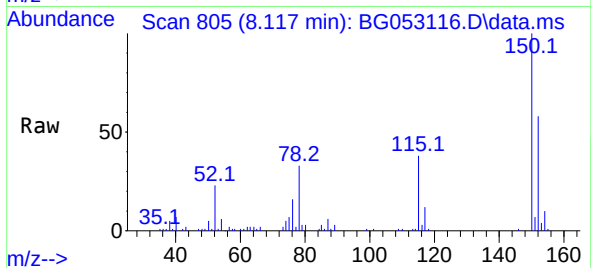
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

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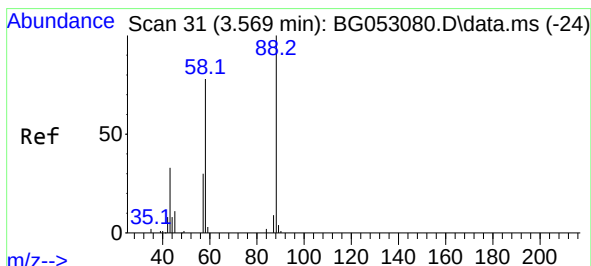
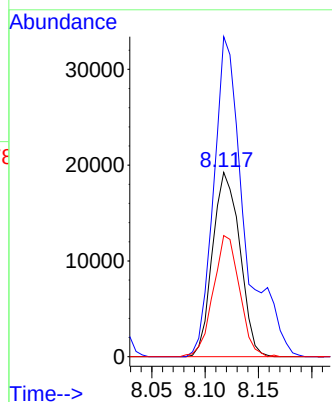


Tgt Ion:152 Resp: 34194
Ion Ratio Lower Upper
152 100
150 173.6 114.6 172.0
115 65.8 45.9 68.9

Manual Integrations

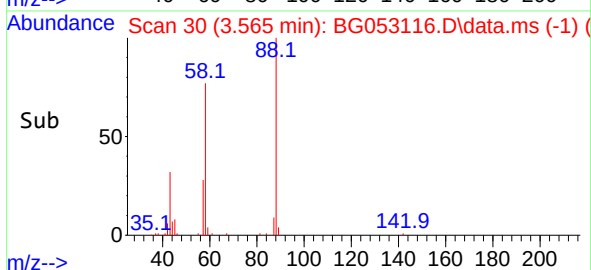
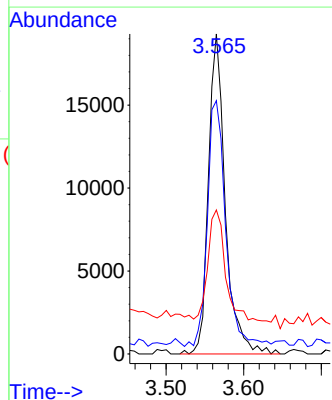
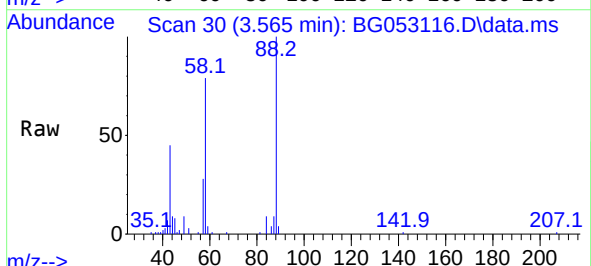
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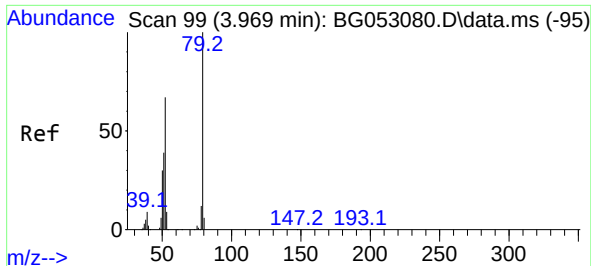
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#2
1,4-Dioxane
Concen: 30.612 ng
RT: 3.565 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

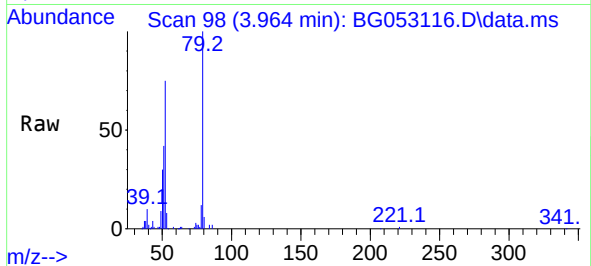
Tgt Ion: 88 Resp: 29162
Ion Ratio Lower Upper
88 100
58 83.3 58.2 87.2
43 35.3 23.4 35.0





#3
 Pyridine
 Concen: 31.923 ng
 RT: 3.964 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25

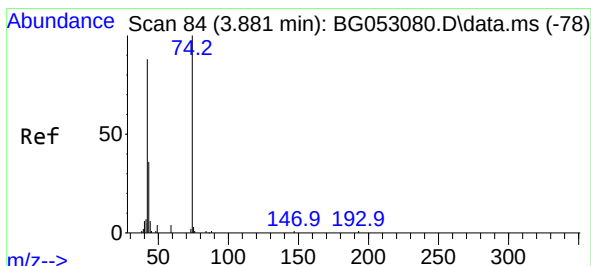
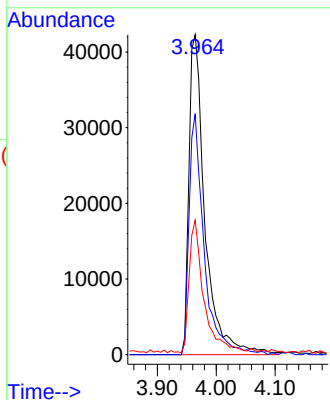
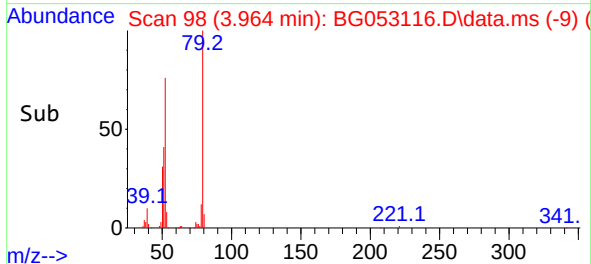
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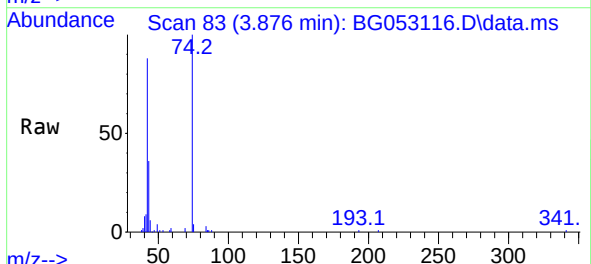
Tgt Ion: 79 Resp: 80200
 Ion Ratio Lower Upper
 79 100
 52 75.3 50.9 76.3
 51 42.0 24.4 36.6

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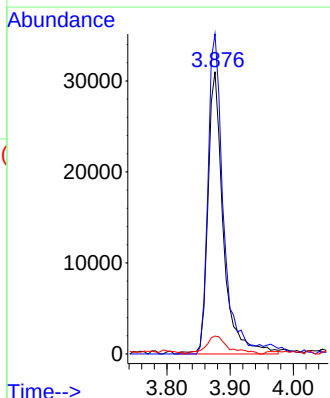
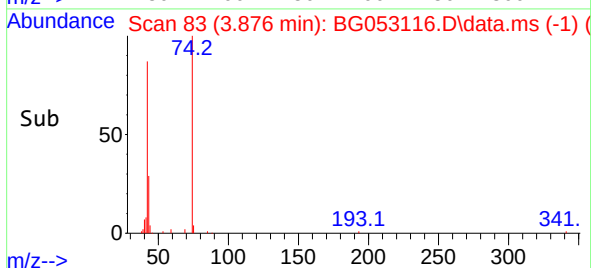
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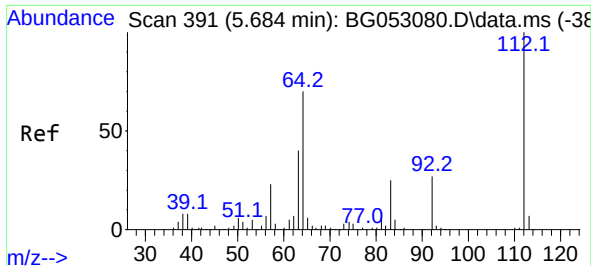


#4
 n-Nitrosodimethylamine
 Concen: 42.145 ng
 RT: 3.876 min Scan# 83
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25



Tgt Ion: 42 Resp: 52436
 Ion Ratio Lower Upper
 42 100
 74 113.4 108.9 163.3
 44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 137.273 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

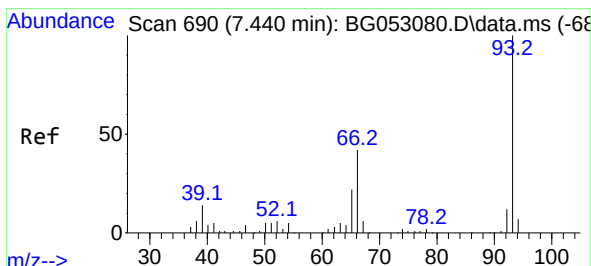
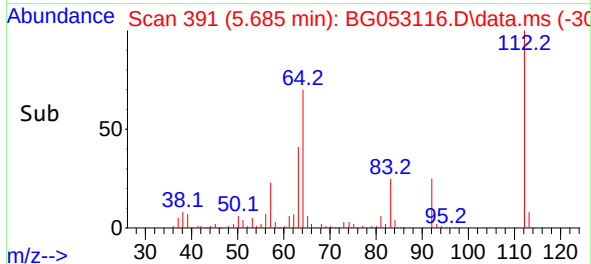
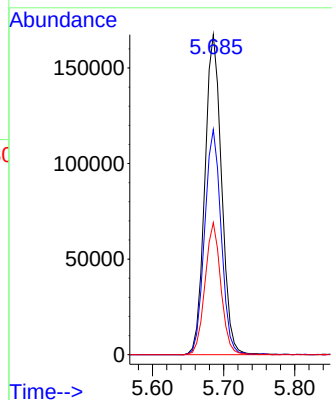
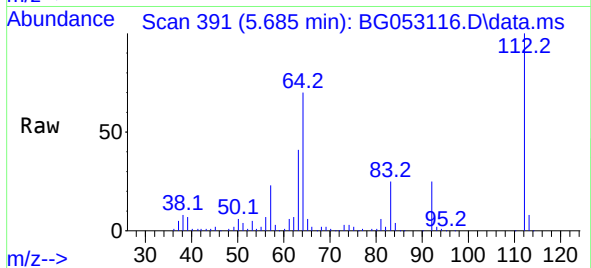
PB144020BS

Tgt Ion:112 Resp: 273828
Ion Ratio Lower Upper
112 100
64 70.3 48.0 72.0
63 41.3 26.5 39.7

Manual Integrations

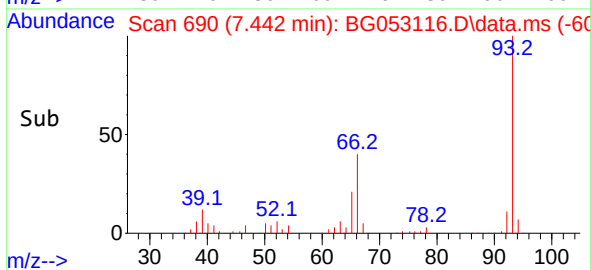
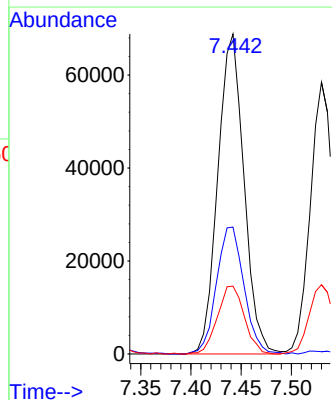
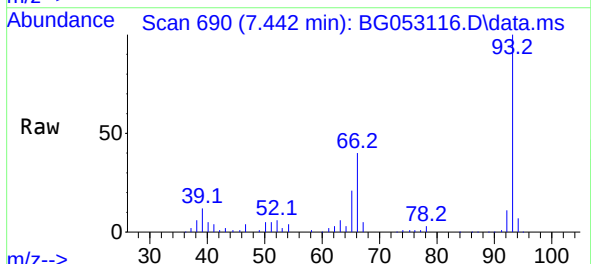
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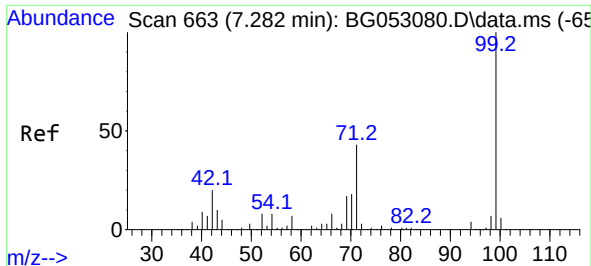
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Supervised By :Jagrut Upadhyay 04/13/2022



#6
Aniline
Concen: 34.947 ng
RT: 7.442 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG053116.D
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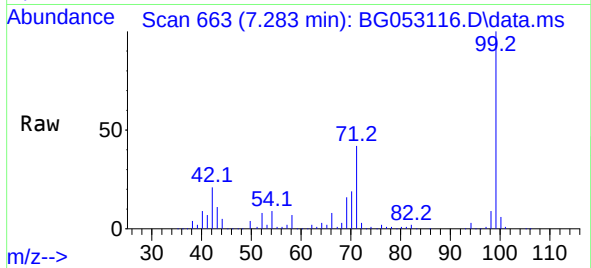
Tgt Ion: 93 Resp: 124586
Ion Ratio Lower Upper
93 100
66 39.7 31.3 46.9
65 21.2 16.7 25.1





#7
Phenol-d6
Concen: 129.060 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

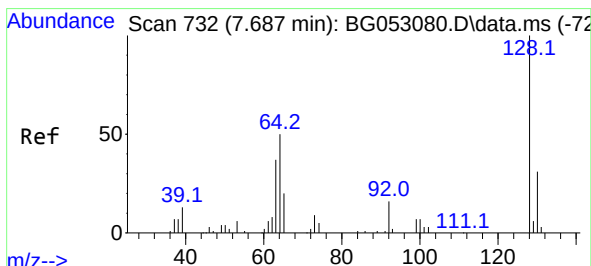
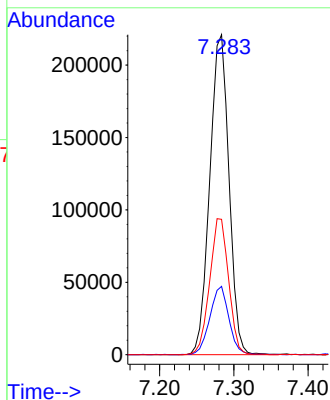
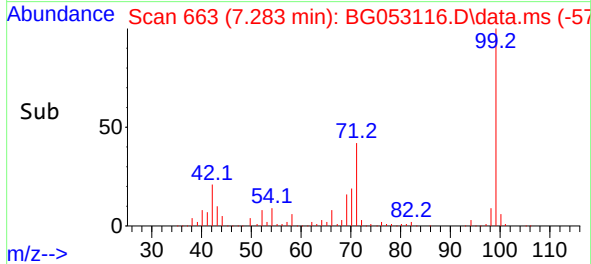
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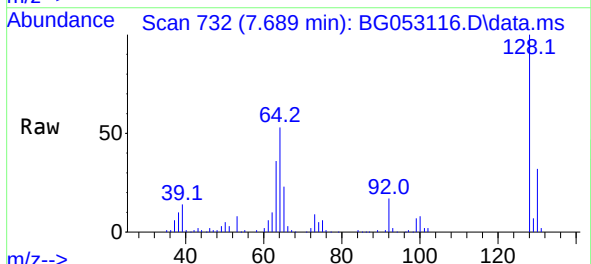
Tgt Ion: 99 Resp: 397008
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 42.3 29.2 43.8

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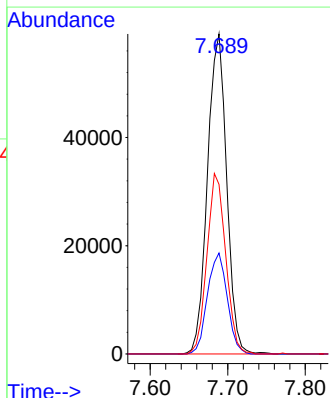
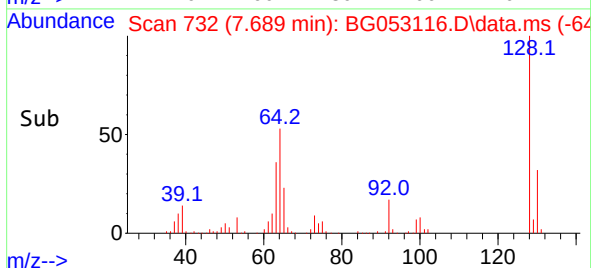
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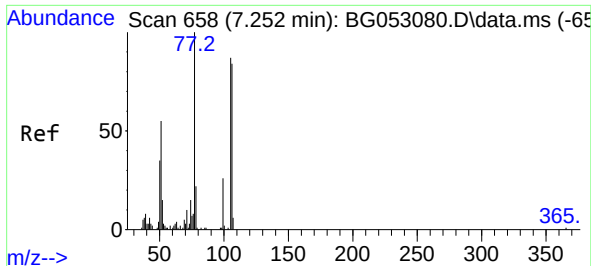


#8
2-Chlorophenol
Concen: 47.275 ng
RT: 7.689 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG053116.D
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Tgt Ion:128 Resp: 101808
Ion Ratio Lower Upper
128 100
130 31.6 13.4 53.4
64 53.0 30.9 70.9





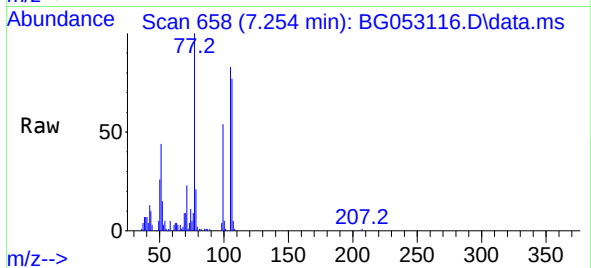
#9
Benzaldehyde
Concen: 32.521 ng m
RT: 7.254 min Scan# 658
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

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PB144020BS

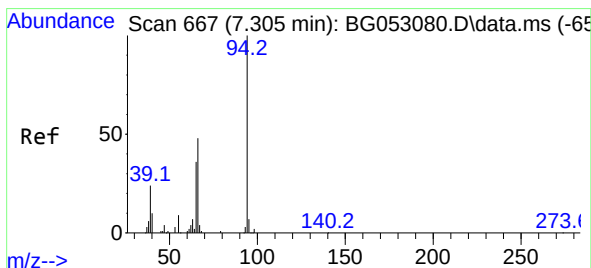
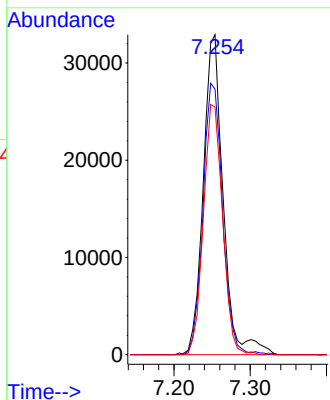
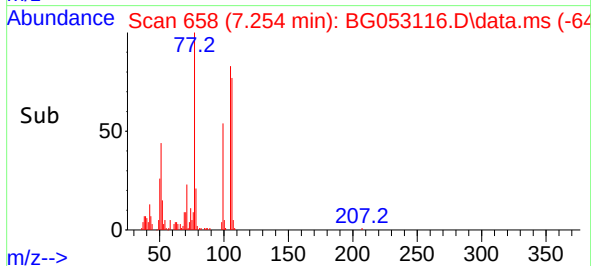


Tgt Ion: 77 Resp: 59798
Ion Ratio Lower Upper
77 100
105 83.1 70.6 110.6
106 77.3 67.6 107.6

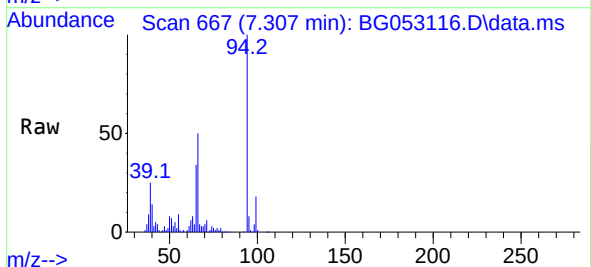
Manual Integrations

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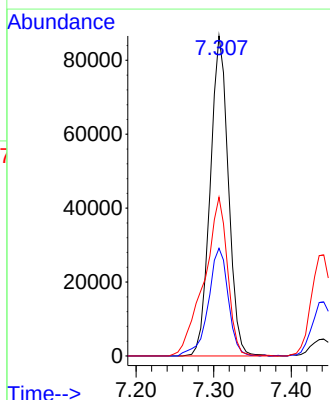
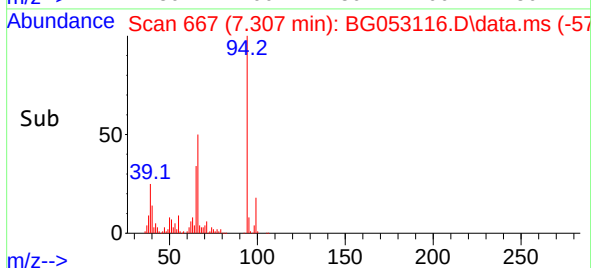
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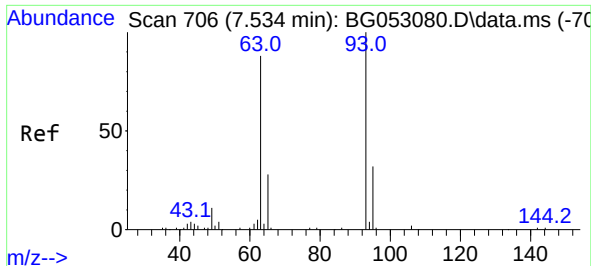


#10
Phenol
Concen: 45.931 ng
RT: 7.307 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion: 94 Resp: 140639
Ion Ratio Lower Upper
94 100
65 33.6 11.1 51.1
66 49.6 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 42.352 ng
RT: 7.530 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

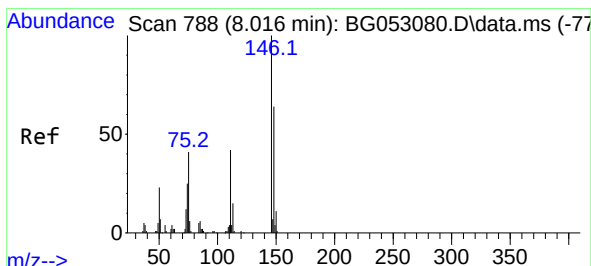
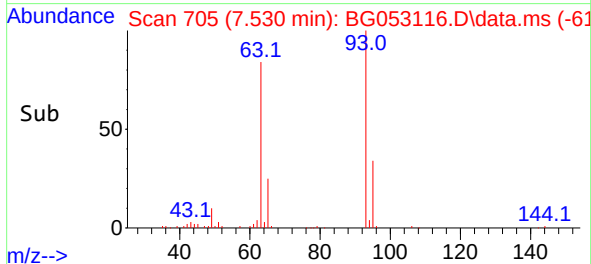
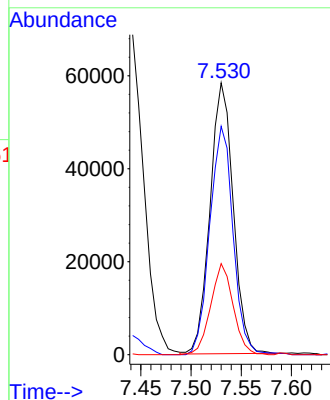
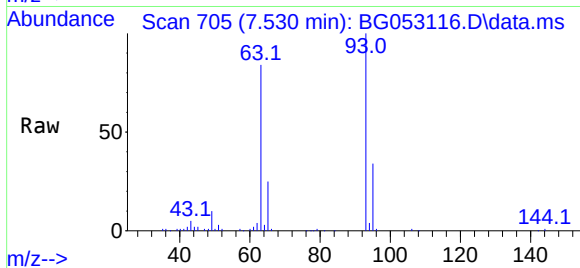
PB144020BS

Tgt Ion: 93 Resp: 93480
Ion Ratio Lower Upper
93 100
63 84.0 56.9 96.9
95 33.5 14.5 54.5

Manual Integrations

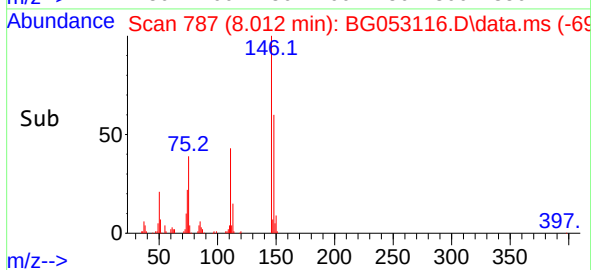
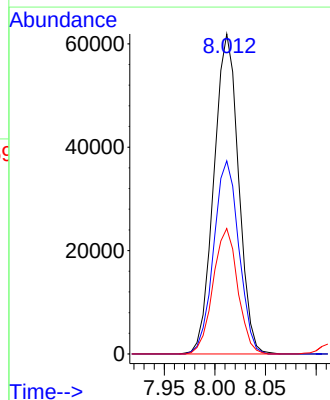
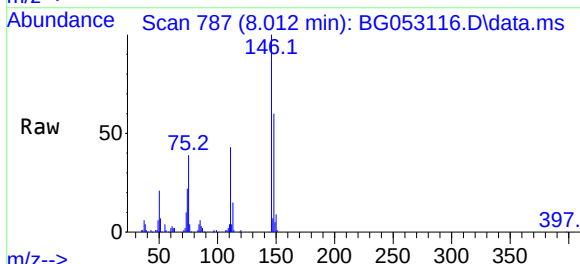
APPROVED

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

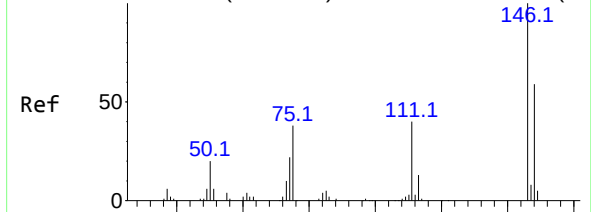


#12
1,3-Dichlorobenzene
Concen: 41.984 ng m
RT: 8.012 min Scan# 787
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:146 Resp: 105061
Ion Ratio Lower Upper
146 100
148 60.3 50.6 76.0
75 39.2 25.9 38.9#

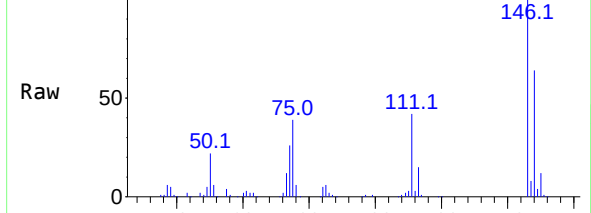


Abundance Scan 812 (8.157 min): BG053080.D\data.ms (-80



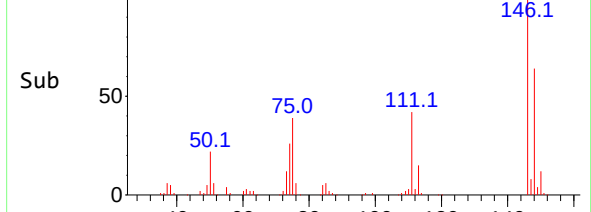
m/z-->

Abundance Scan 812 (8.159 min): BG053116.D\data.ms



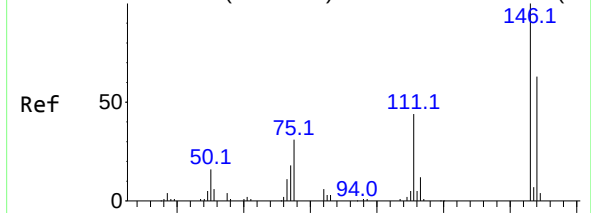
m/z-->

Abundance Scan 812 (8.159 min): BG053116.D\data.ms (-72



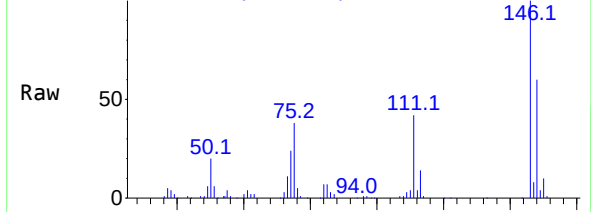
m/z-->

Abundance Scan 867 (8.480 min): BG053080.D\data.ms (-85



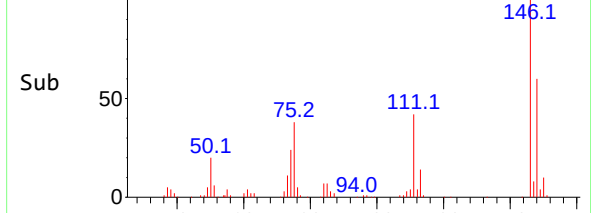
m/z-->

Abundance Scan 866 (8.476 min): BG053116.D\data.ms



m/z-->

Abundance Scan 866 (8.476 min): BG053116.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 40.570 ng

RT: 8.159 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

Tgt Ion:146 Resp: 10350

Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 41.8 31.0 46.4

Instrument :

BNA_G

ClientSampleId :

PB144020BS

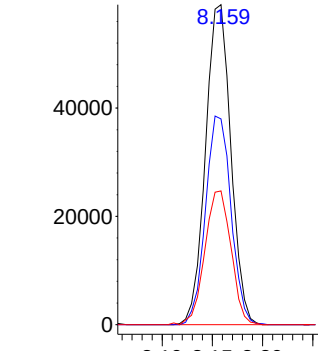
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2022

Supervised By :Jagrut Upadhyay 04/13/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 41.415 ng

RT: 8.476 min Scan# 866

Delta R.T. -0.004 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

Tgt Ion:146 Resp: 101888

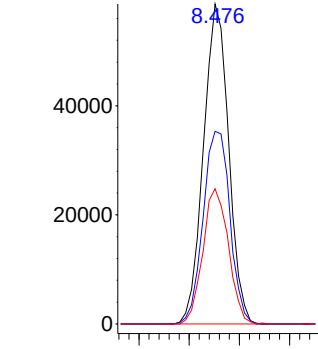
Ion Ratio Lower Upper

146 100

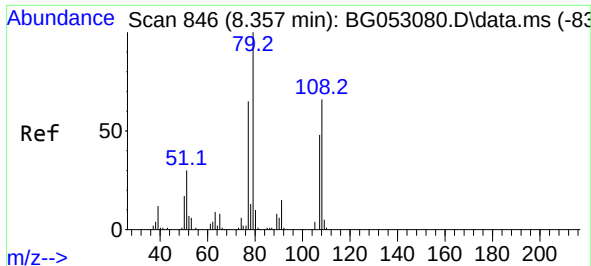
148 60.2 51.0 76.6

111 42.3 34.7 52.1

Abundance

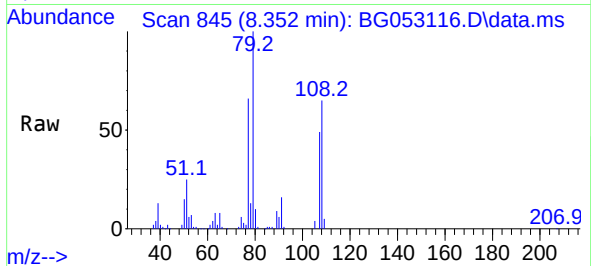


Time-->



#15
Benzyl Alcohol
Concen: 42.256 ng
RT: 8.352 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

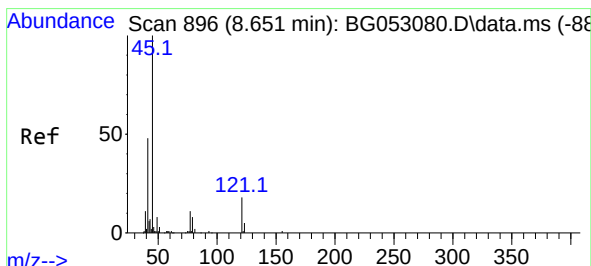
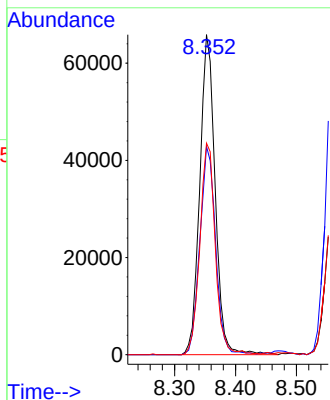
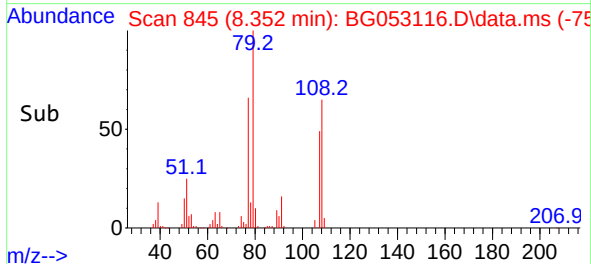
Instrument :
BNA_G
ClientSampleId :
PB144020BS



Tgt Ion: 79 Resp: 11553
Ion Ratio Lower Upper
79 100
108 65.0 55.1 82.7
77 66.1 52.4 78.6

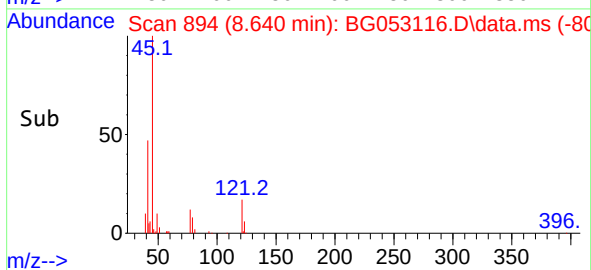
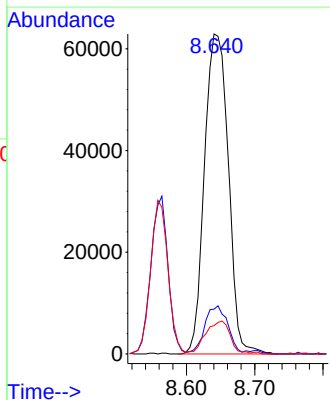
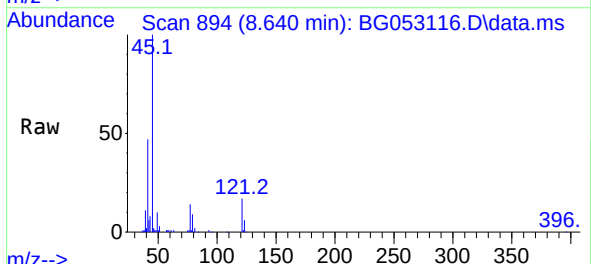
Manual Integrations
APPROVED

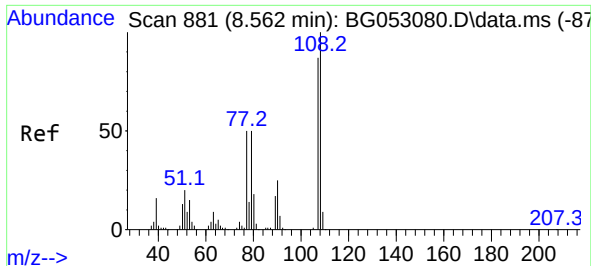
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.010 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion: 45 Resp: 153172
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.9
79 8.9 0.0 30.7





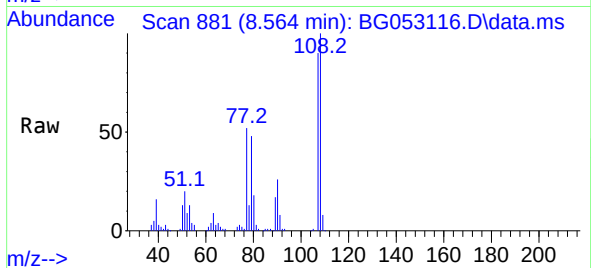
#17
2-Methylphenol
Concen: 45.027 ng
RT: 8.564 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

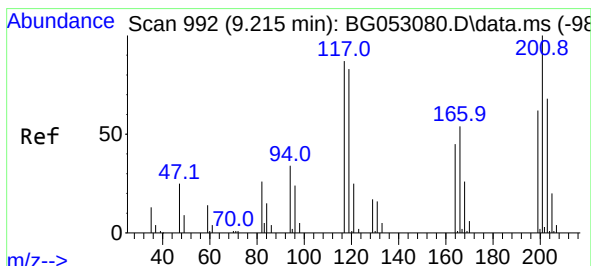
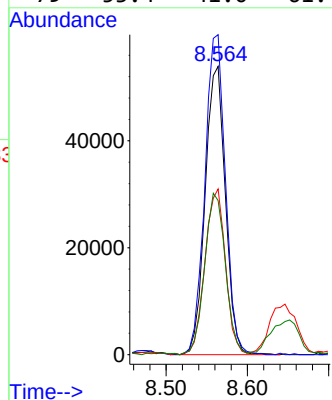


Tgt Ion:107 Resp: 93298
Ion Ratio Lower Upper
107 100
108 111.0 91.5 137.3
77 57.5 42.5 63.7
79 53.4 41.0 61.4

Manual Integrations

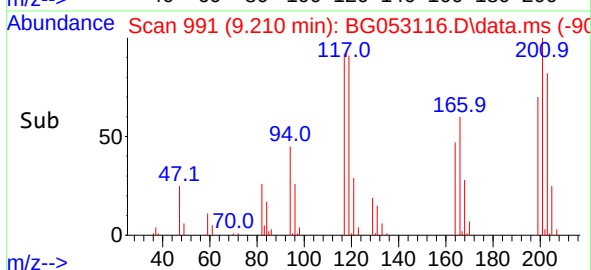
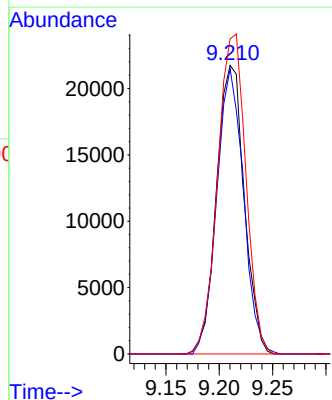
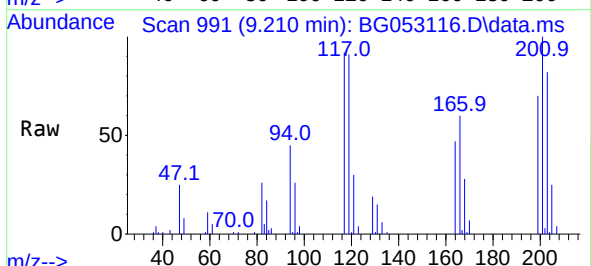
APPROVED

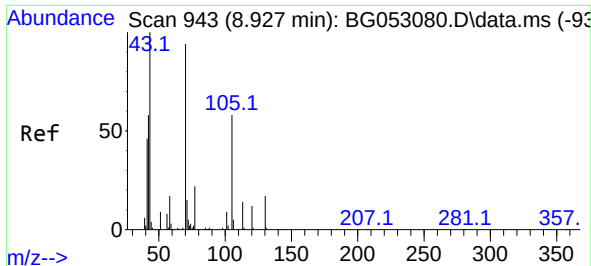
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#18
Hexachloroethane
Concen: 41.082 ng
RT: 9.210 min Scan# 991
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:117 Resp: 39303
Ion Ratio Lower Upper
117 100
119 98.8 75.1 112.7
201 109.1 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.743 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

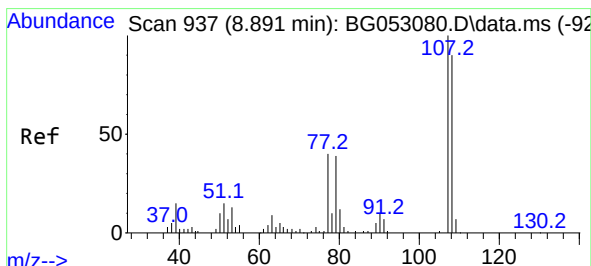
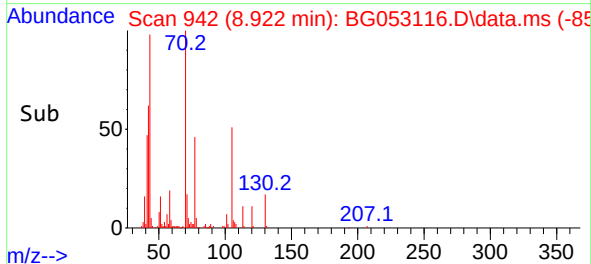
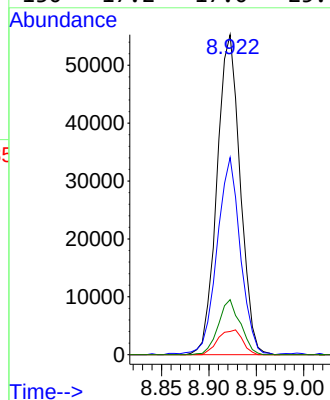
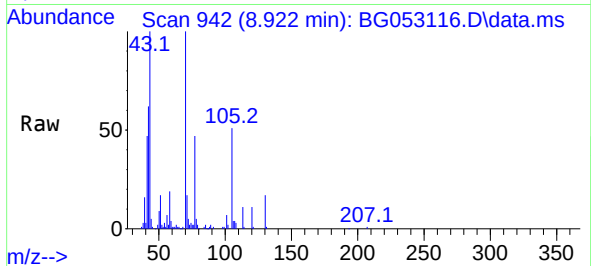
PB144020BS

Tgt Ion: 70 Resp: 94009
Ion Ratio Lower Upper
70 100
42 61.6 46.0 69.0
101 7.3 6.2 9.4
130 17.2 17.0 25.4

Manual Integrations

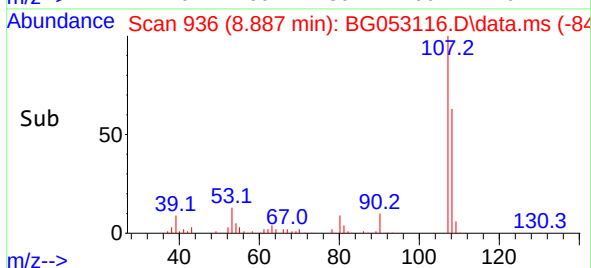
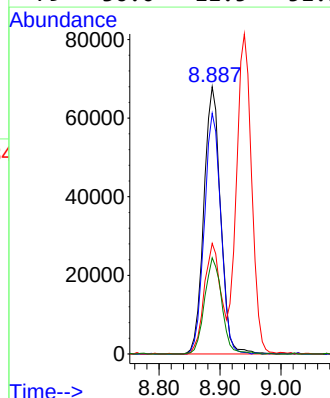
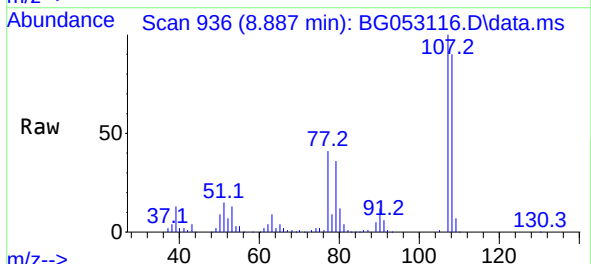
APPROVED

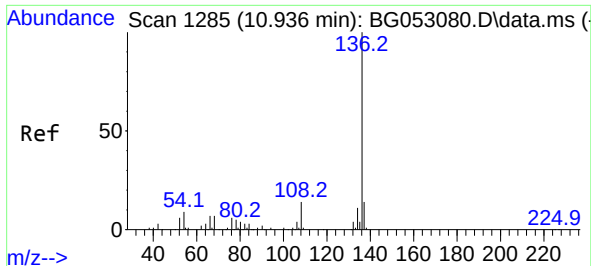
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#20
3+4-Methylphenols
Concen: 44.532 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:107 Resp: 130258
Ion Ratio Lower Upper
107 100
108 90.1 64.8 104.8
77 41.4 15.9 55.9
79 36.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

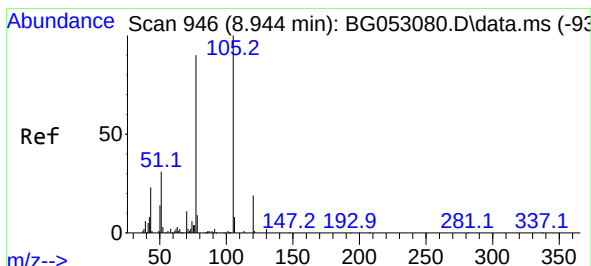
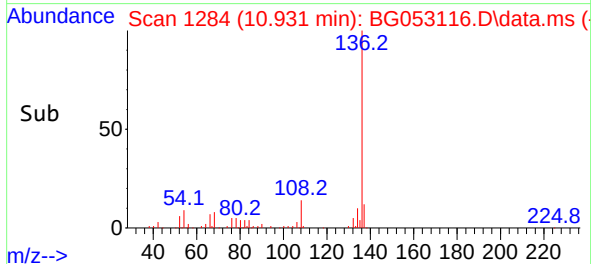
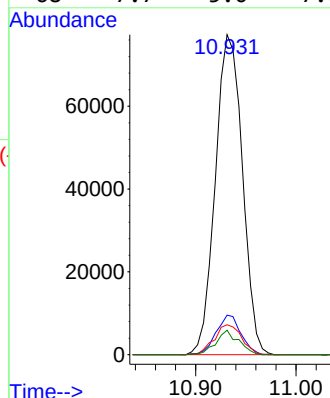
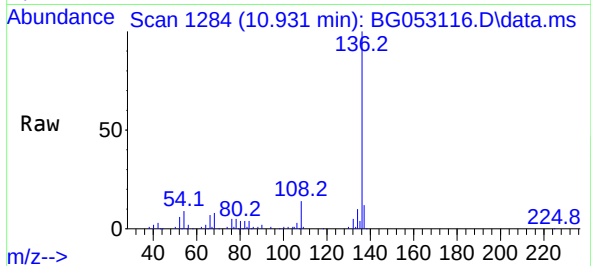
PB144020BS

Tgt Ion:136 Resp: 14454
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 9.4 6.4 9.6
68 7.7 5.0 7.6#

Manual Integrations

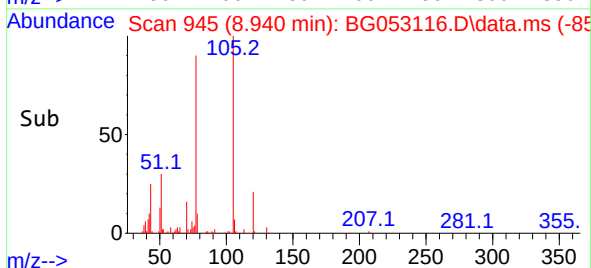
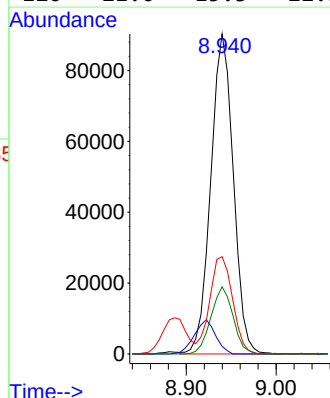
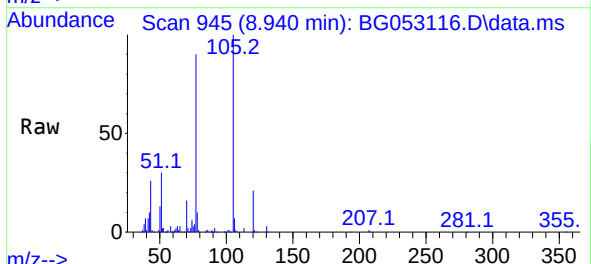
APPROVED

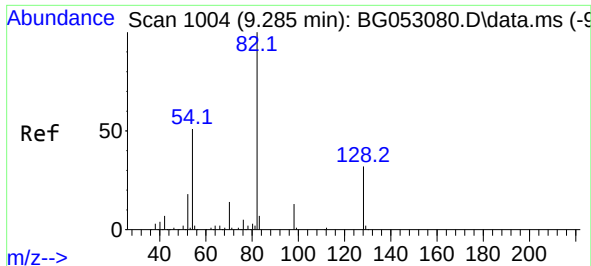
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#22
Acetophenone
Concen: 39.280 ng
RT: 8.940 min Scan# 945
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:105 Resp: 157514
Ion Ratio Lower Upper
105 100
71 2.4 2.1 3.1
51 30.4 21.9 32.9
120 21.0 15.3 22.9





#23
Nitrobenzene-d5
Concen: 75.071 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

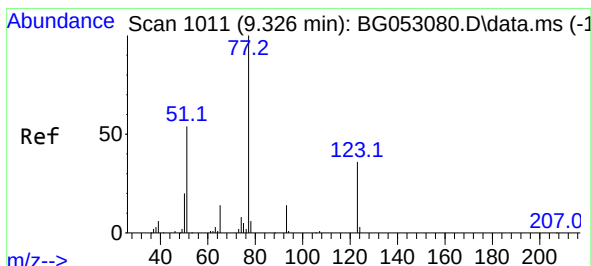
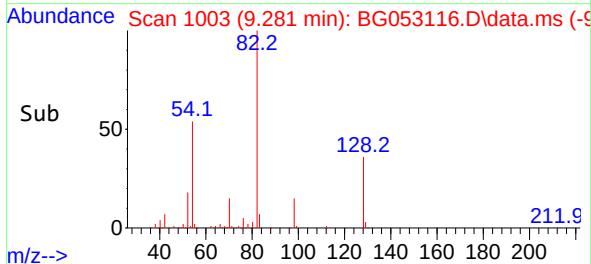
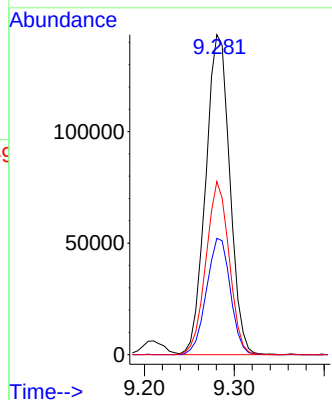
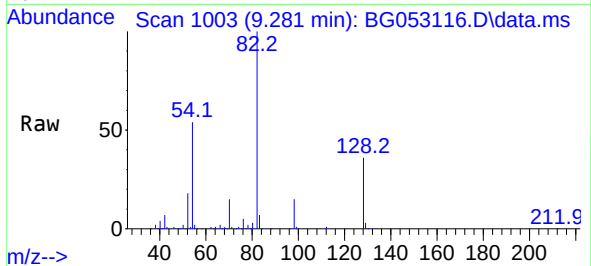
PB144020BS

Tgt Ion: 82 Resp: 26724
Ion Ratio Lower Upper
82 100
128 36.4 31.3 46.9
54 54.1 37.8 56.8

Manual Integrations

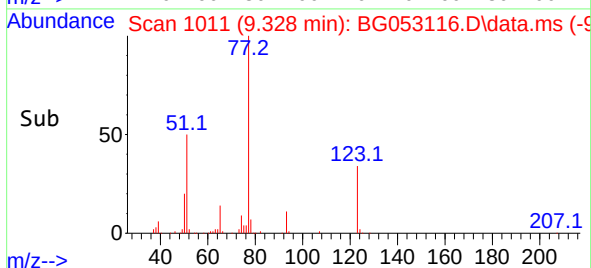
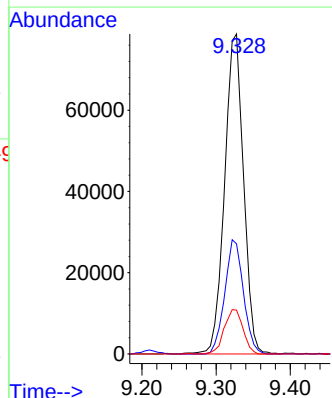
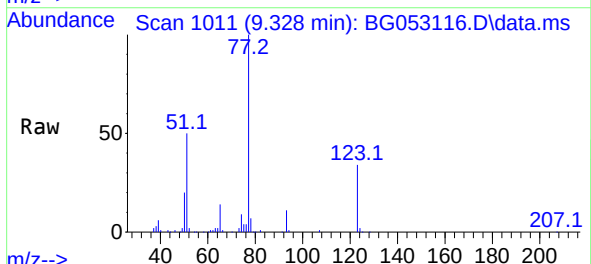
APPROVED

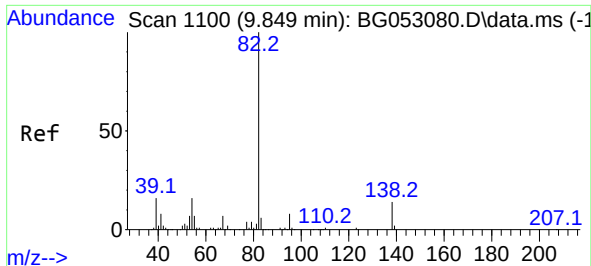
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#24
Nitrobenzene
Concen: 40.318 ng
RT: 9.328 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion: 77 Resp: 139603
Ion Ratio Lower Upper
77 100
123 34.4 34.4 51.6
65 13.7 11.2 16.8





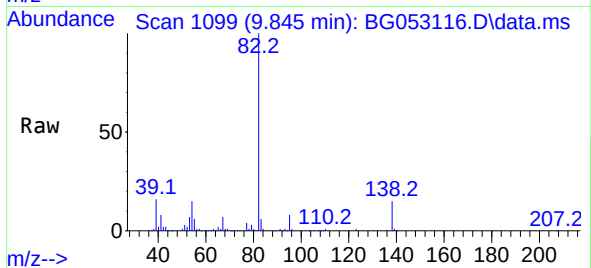
#25
Isophorone
Concen: 41.397 ng
RT: 9.845 min Scan# 1099
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

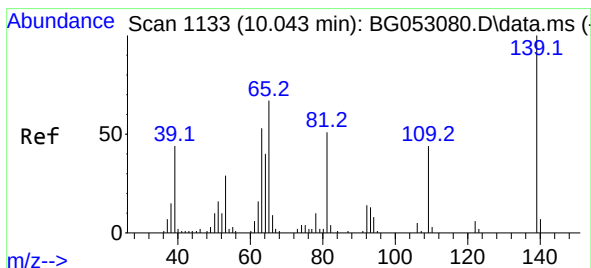
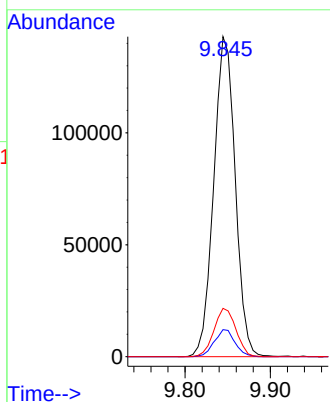
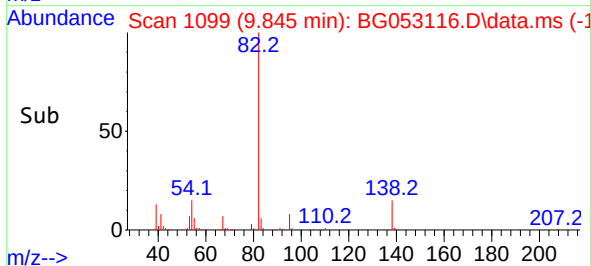


Tgt Ion: 82 Resp: 25048
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 15.1 12.6 18.8

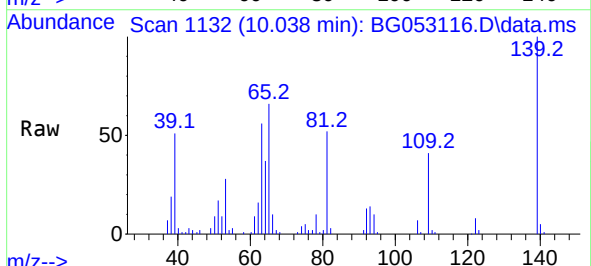
Manual Integrations

APPROVED

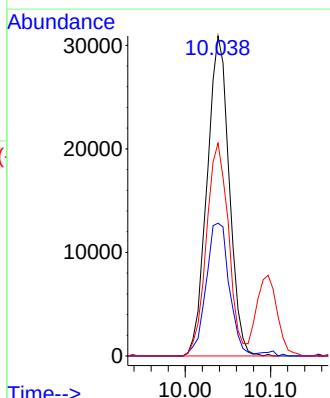
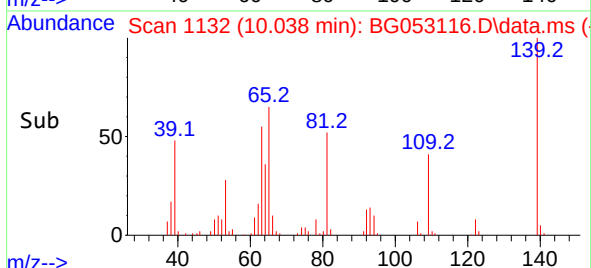
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

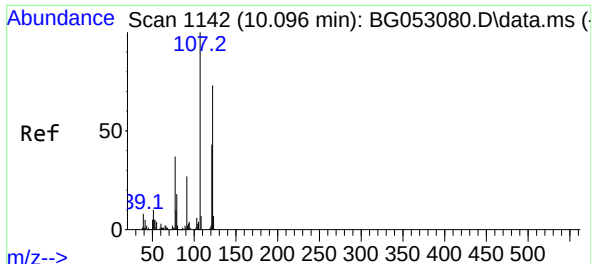


#26
2-Nitrophenol
Concen: 38.438 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:139 Resp: 55655
Ion Ratio Lower Upper
139 100
109 41.5 29.4 44.0
65 66.5 48.2 72.2





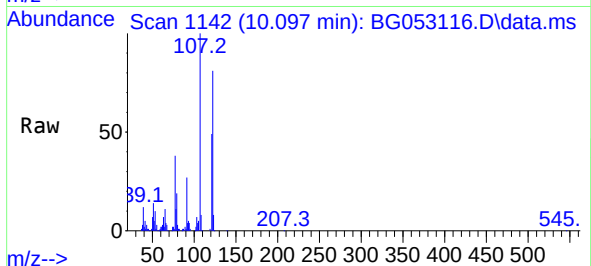
#27
2,4-Dimethylphenol
Concen: 48.993 ng
RT: 10.097 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

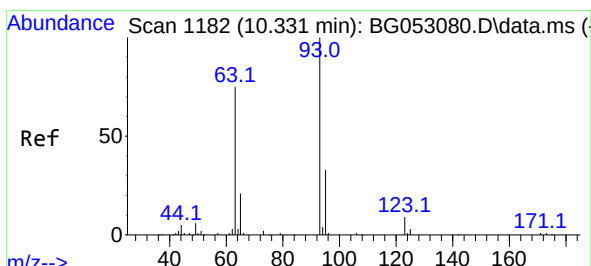
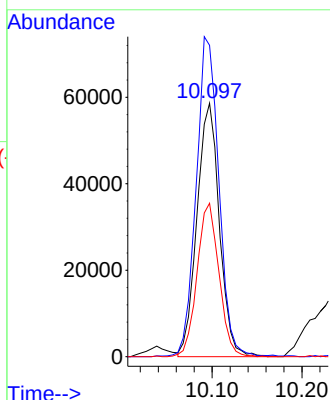
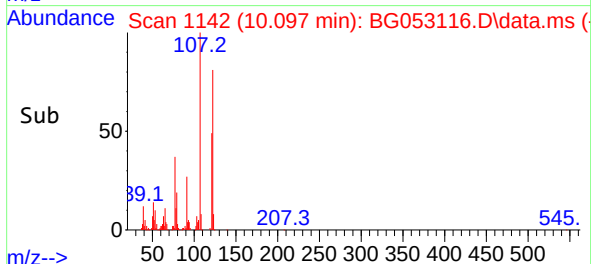


Tgt Ion:122 Resp: 101594
Ion Ratio Lower Upper
122 100
107 122.9 96.7 145.1
121 60.6 46.3 69.5

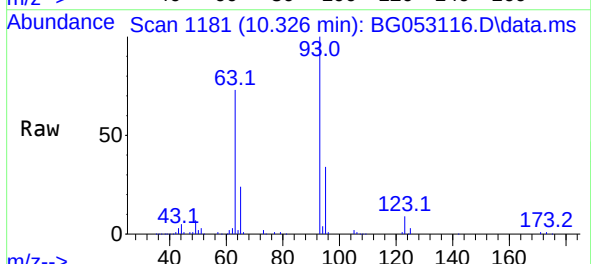
Manual Integrations

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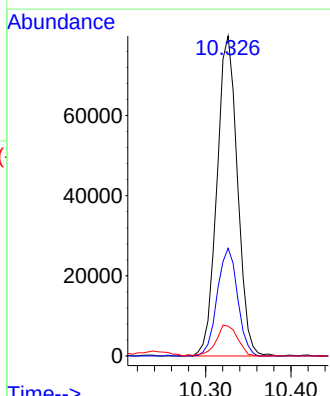
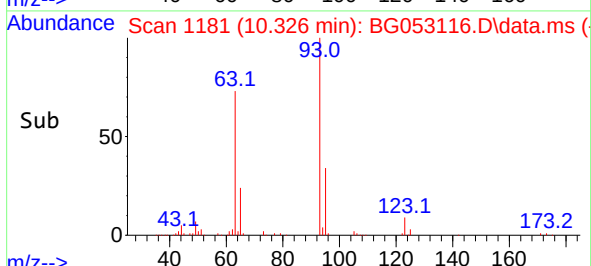
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

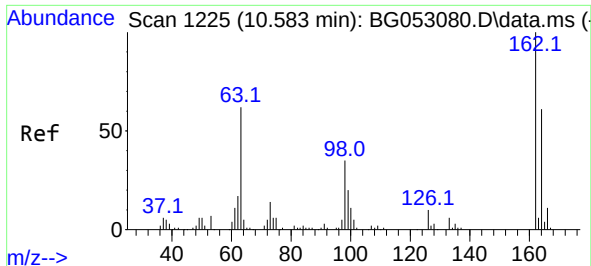


#28
bis(2-Chloroethoxy)methane
Concen: 39.273 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion: 93 Resp: 133502
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 9.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.962 ng

RT: 10.579 min Scan# 1224

Delta R.T. -0.004 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

Tgt Ion:162 Resp: 10939

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

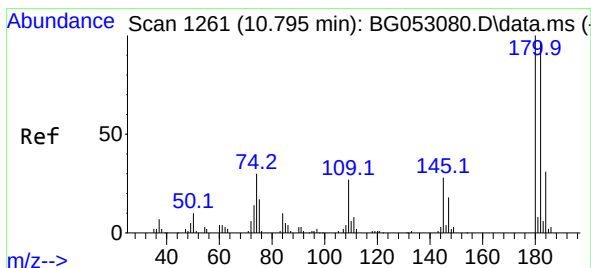
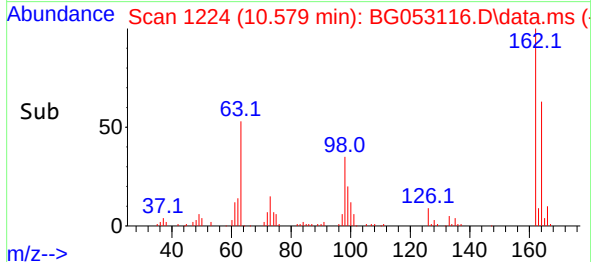
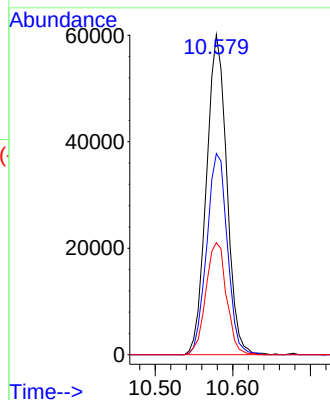
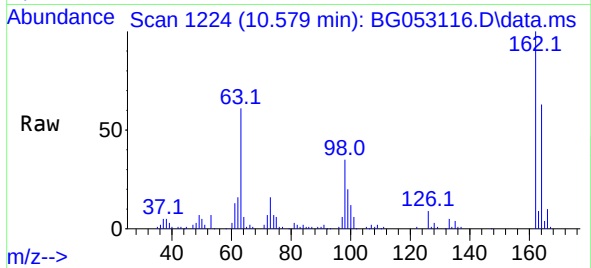
98 35.0 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.807 ng

RT: 10.796 min Scan# 1261

Delta R.T. 0.001 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

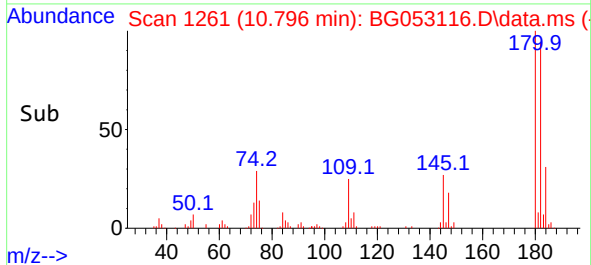
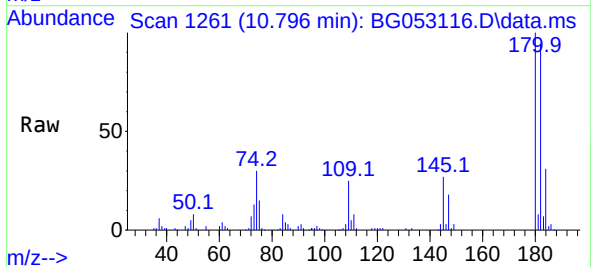
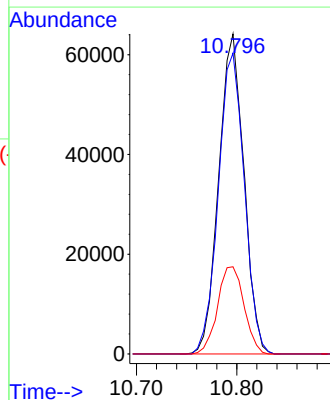
Tgt Ion:180 Resp: 111548

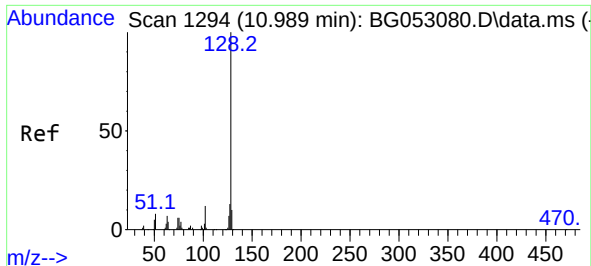
Ion Ratio Lower Upper

180 100

182 94.0 77.8 116.6

145 27.2 24.4 36.6





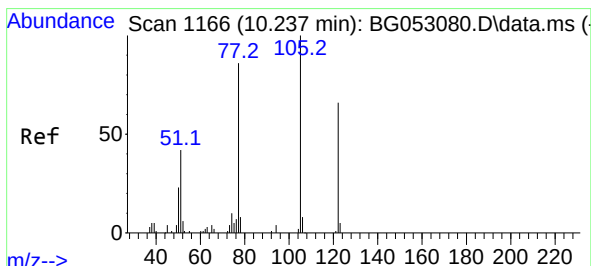
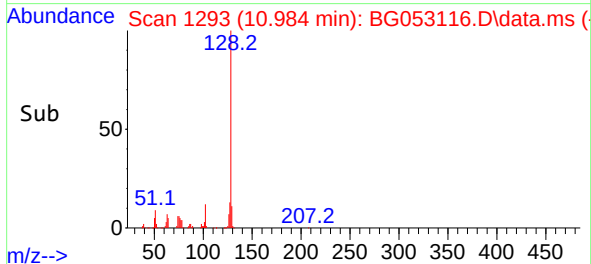
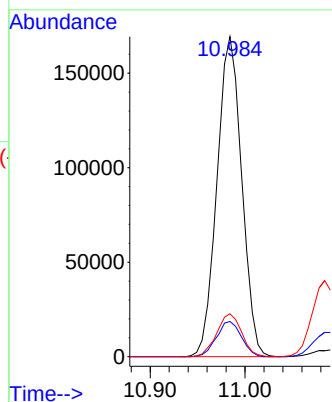
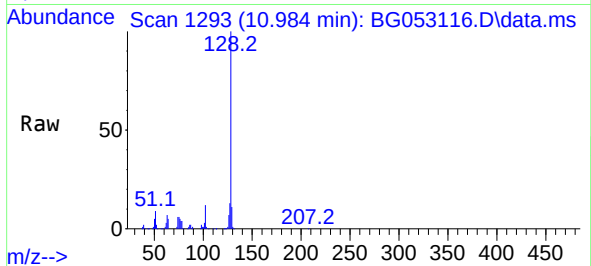
#31
Naphthalene
Concen: 39.788 ng
RT: 10.984 min Scan# 1110
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:128 Resp: 306829
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.5 15.7

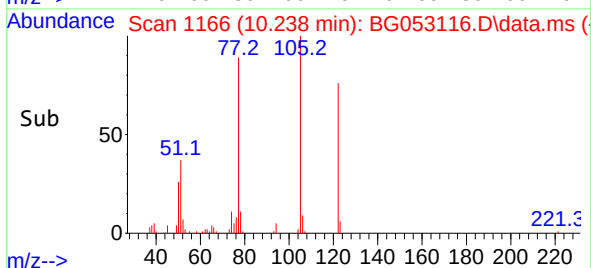
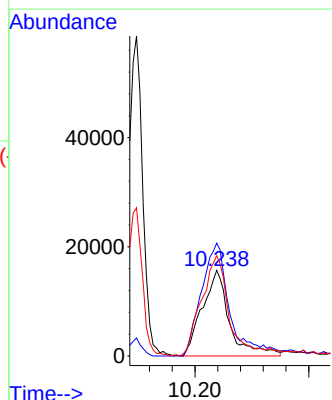
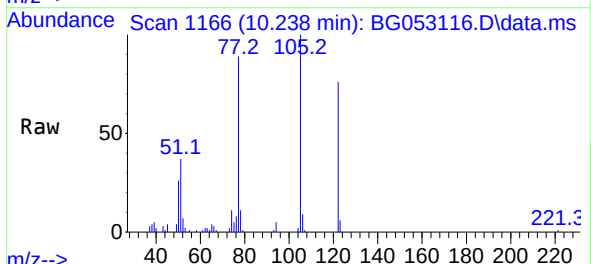
Manual Integrations
APPROVED

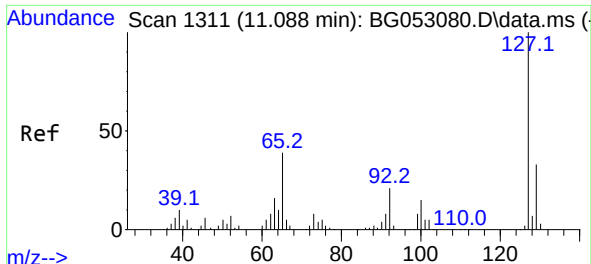
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#32
Benzoic acid
Concen: 39.301 ng
RT: 10.238 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:122 Resp: 52079
Ion Ratio Lower Upper
122 100
105 131.9 112.8 152.8
77 117.0 78.4 118.4





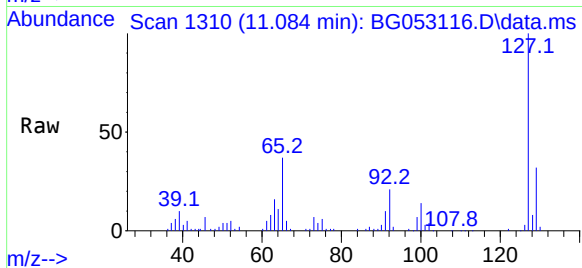
#33
4-Chloroaniline
Concen: 23.839 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

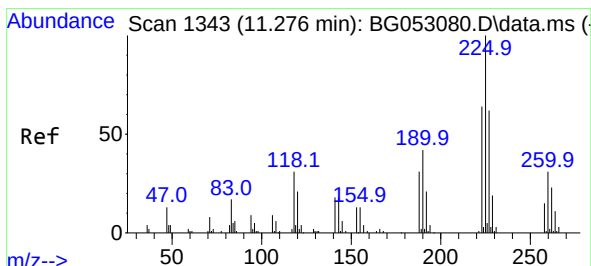
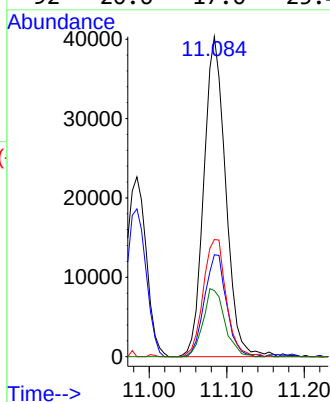
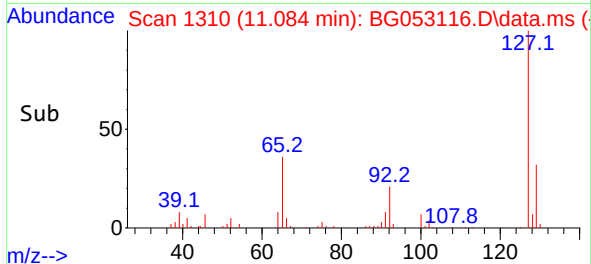


Tgt Ion:127 Resp: 78725
Ion Ratio Lower Upper
127 100
129 31.8 27.6 41.4
65 36.6 28.2 42.4
92 20.6 17.0 25.4

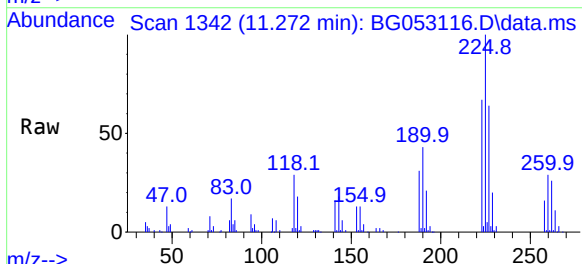
Manual Integrations

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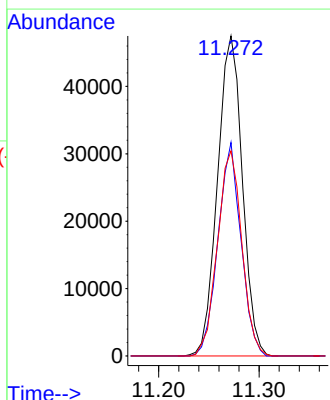
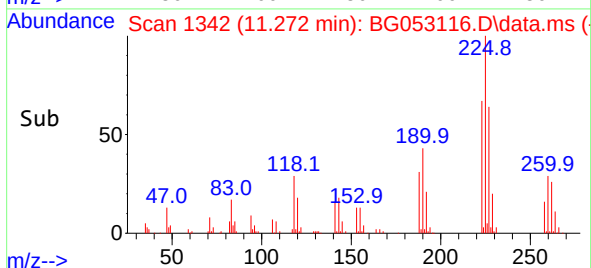
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

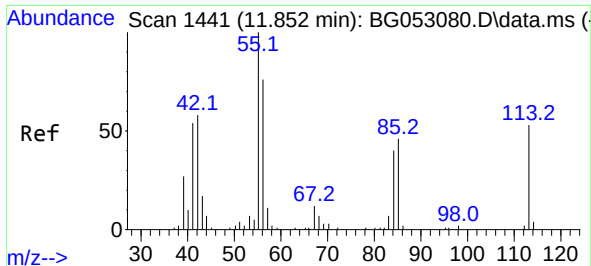


#34
Hexachlorobutadiene
Concen: 37.186 ng
RT: 11.272 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:225 Resp: 81499
Ion Ratio Lower Upper
225 100
223 66.7 50.2 75.2
227 64.1 52.0 78.0





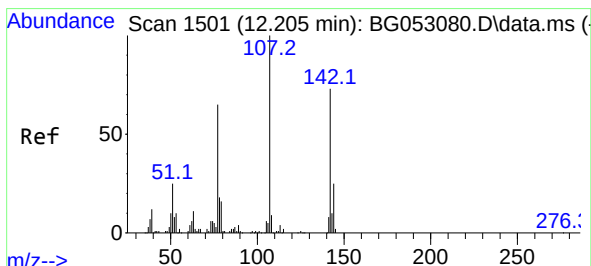
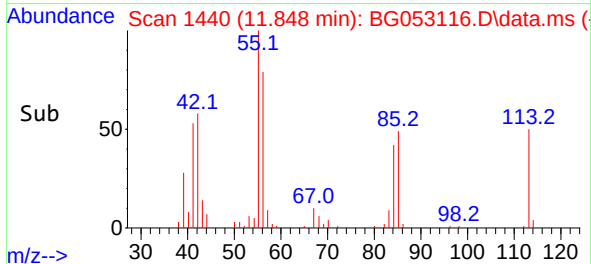
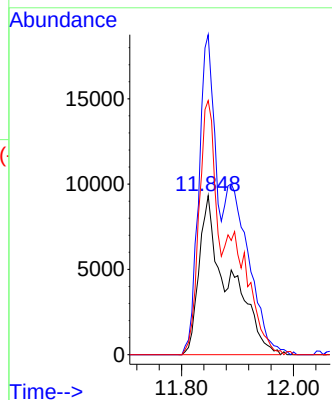
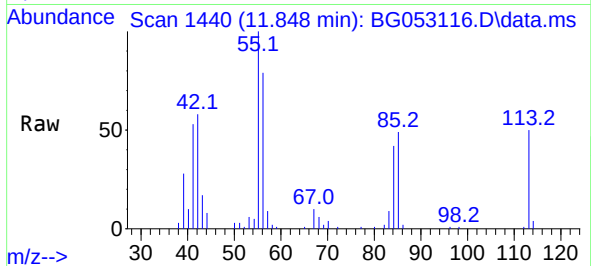
#35
Caprolactam
Concen: 37.613 ng m
RT: 11.848 min Scan# 14
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:113 Resp: 3456
Ion Ratio Lower Upper
113 100
55 201.2 151.3 191.3
56 159.8 128.5 168.5

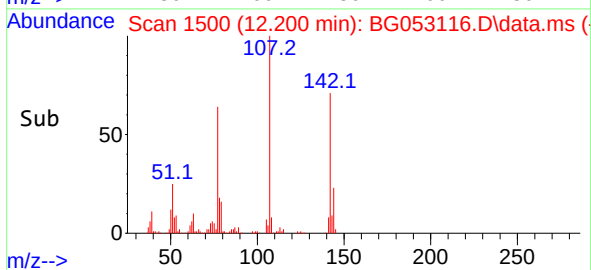
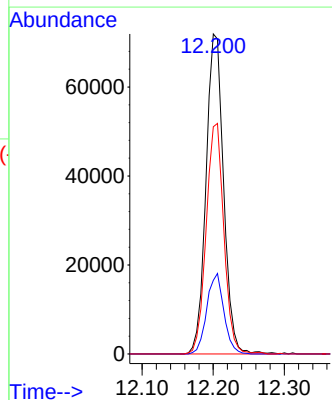
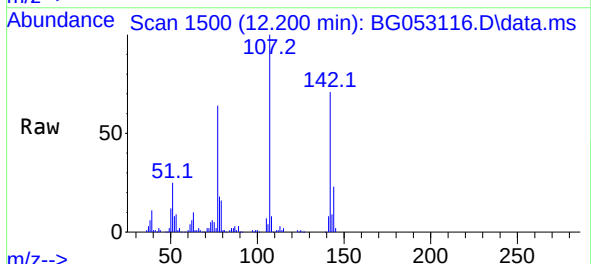
Manual Integrations
APPROVED

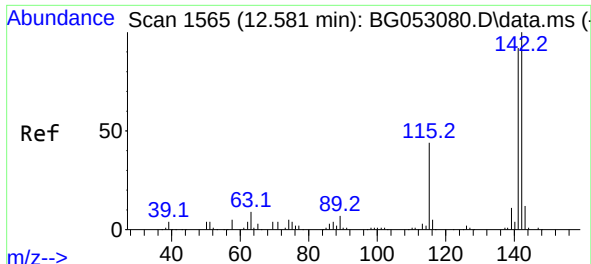
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#36
4-Chloro-3-methylphenol
Concen: 40.822 ng
RT: 12.200 min Scan# 1500
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:107 Resp: 123893
Ion Ratio Lower Upper
107 100
144 23.0 21.4 32.0
142 71.0 61.7 92.5





#37

2-Methylnaphthalene

Concen: 39.162 ng

RT: 12.582 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

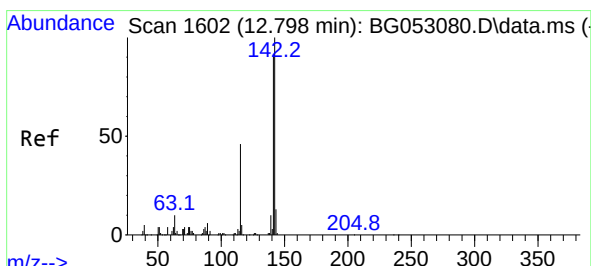
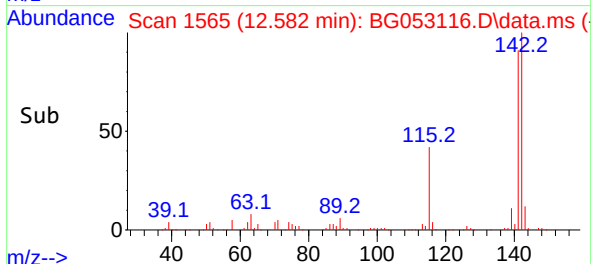
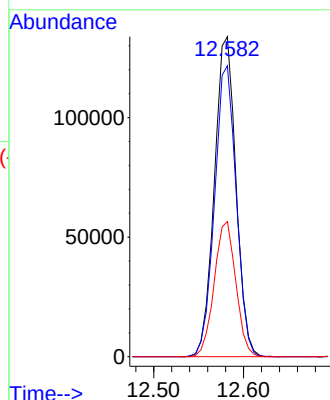
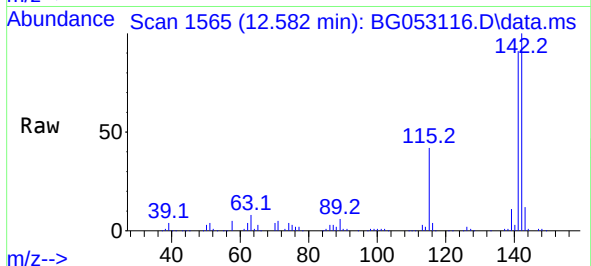
PB144020BS

Tgt Ion:142 Resp: 22346
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.3 106.9
 115 42.2 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: 38.519 ng m

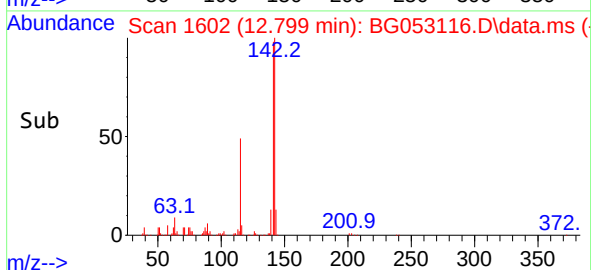
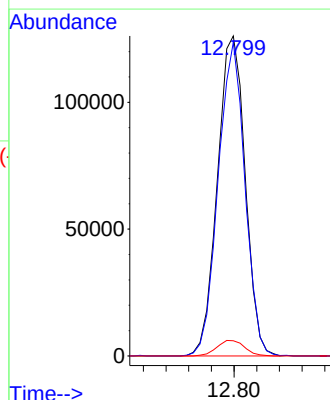
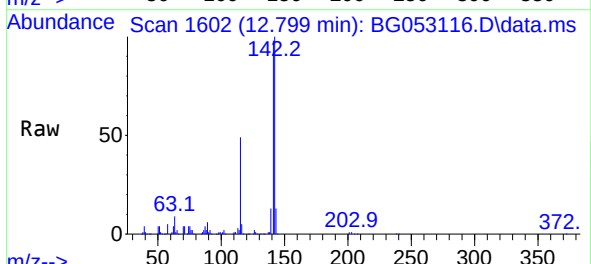
RT: 12.799 min Scan# 1602

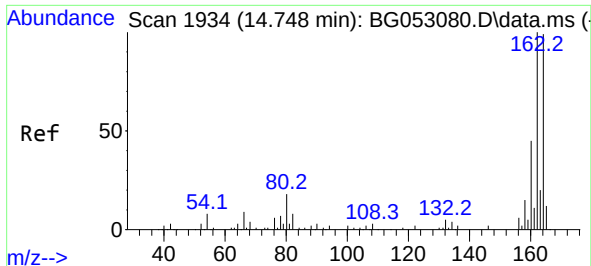
Delta R.T. 0.001 min

Lab File: BG053116.D

Acq: 12 Apr 2022 12:25

Tgt Ion:142 Resp: 214548
 Ion Ratio Lower Upper
 142 100
 141 98.0 70.5 105.7
 116 4.8 3.1 4.7#





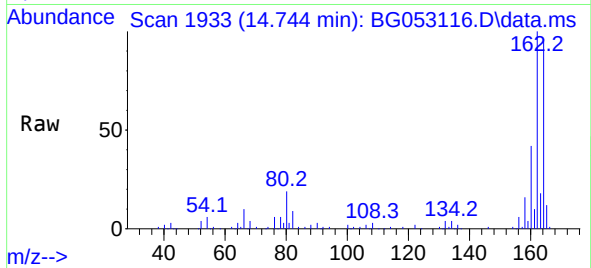
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

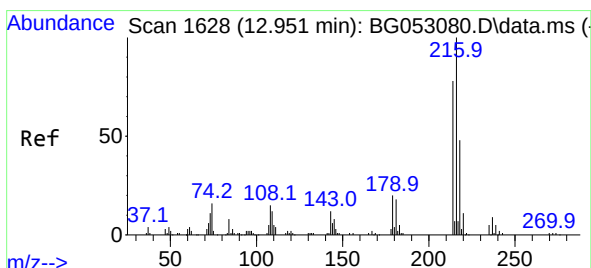
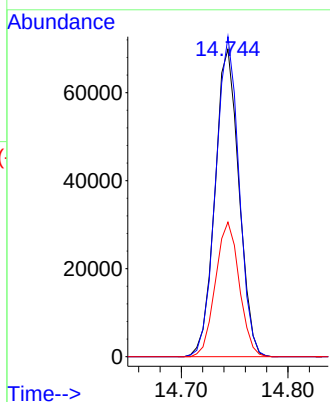
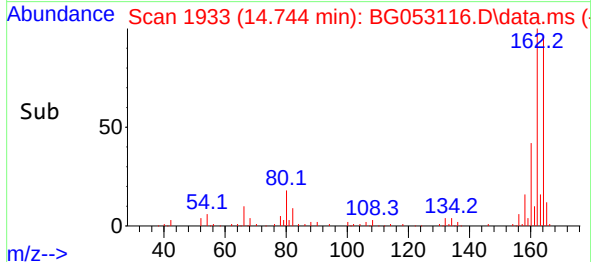


Tgt Ion:164 Resp: 10921
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 43.8 38.8 58.2

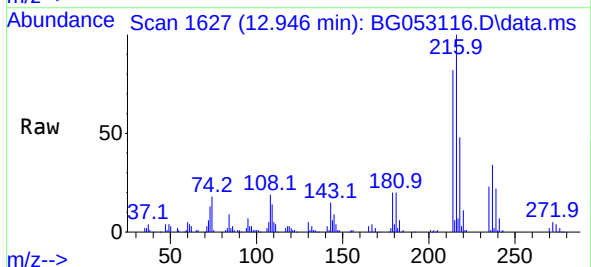
Manual Integrations

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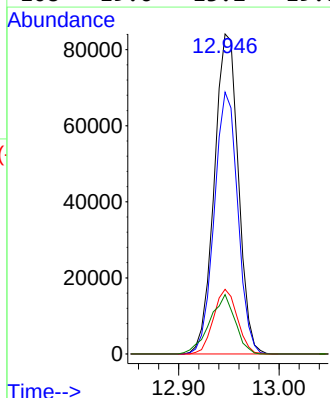
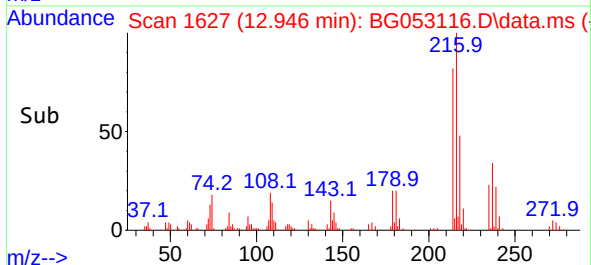
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

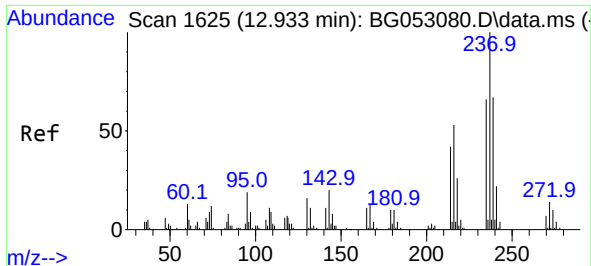


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.737 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:216 Resp: 139974
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 19.9 15.7 23.5
108 19.6 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 96.182 ng
RT: 12.929 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

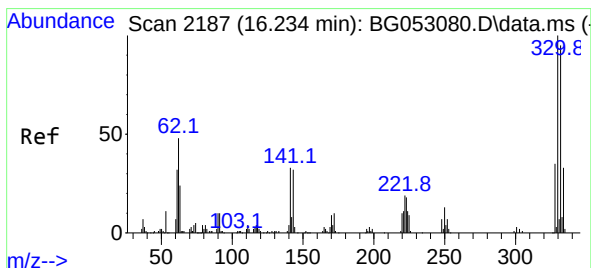
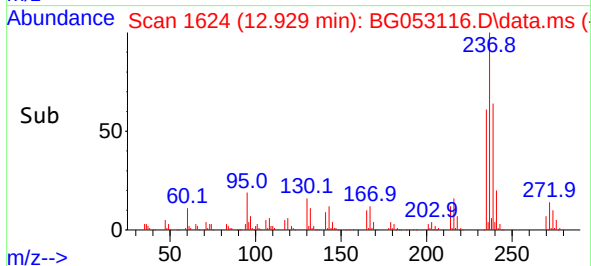
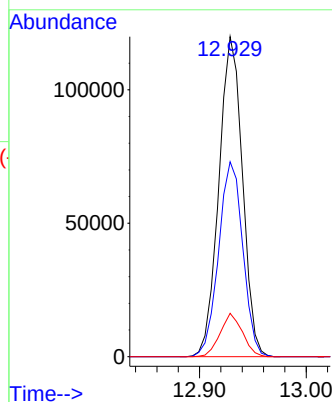
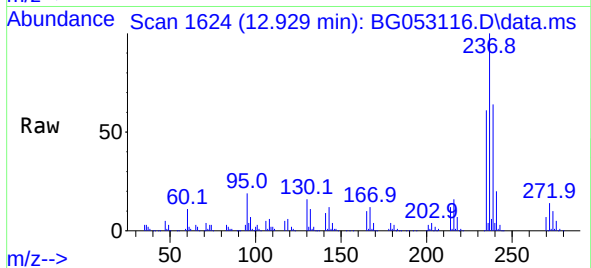
PB144020BS

Tgt Ion:237 Resp: 18416
Ion Ratio Lower Upper
237 100
235 60.9 37.7 77.7
272 13.6 0.0 30.7

Manual Integrations

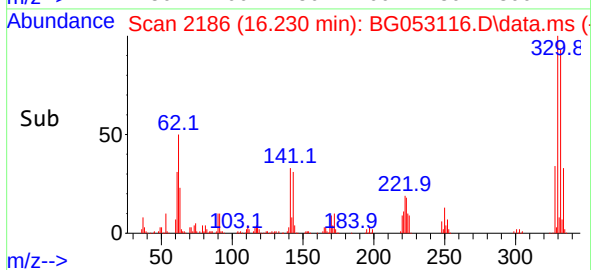
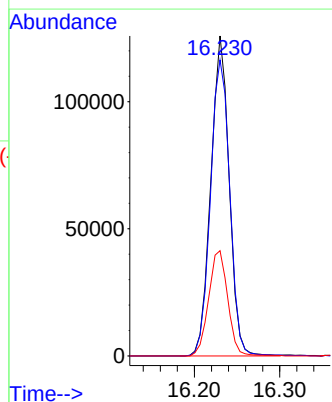
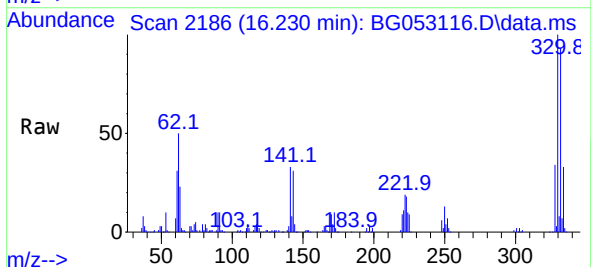
APPROVED

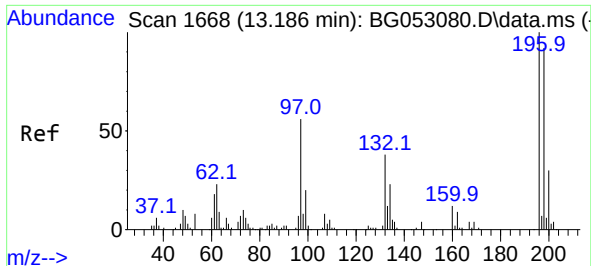
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#42
2,4,6-Tribromophenol
Concen: 108.113 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:330 Resp: 187848
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 34.4 24.6 36.8





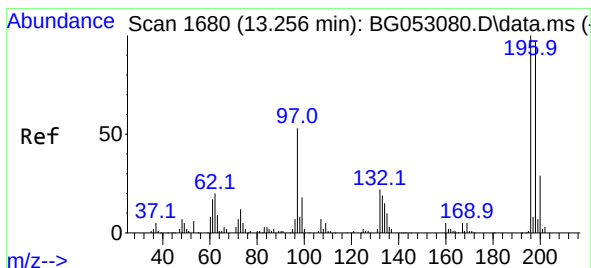
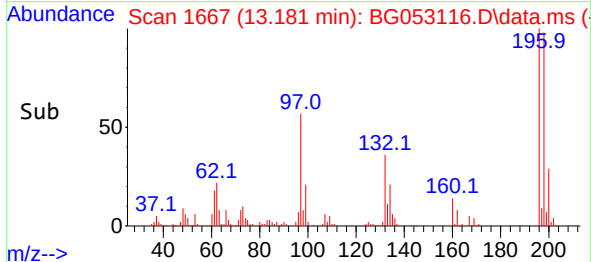
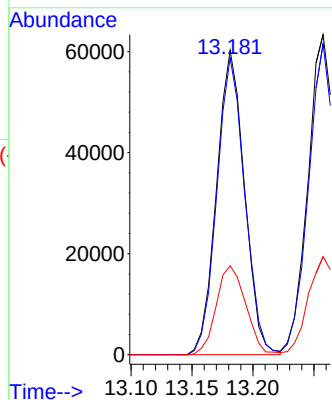
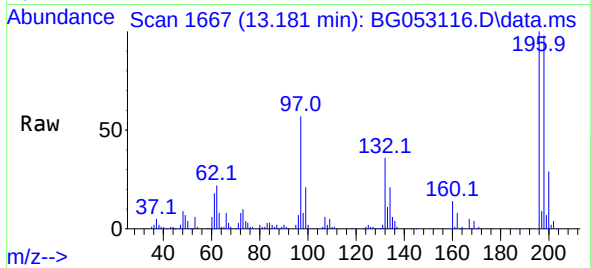
#43
2,4,6-Trichlorophenol
Concen: 37.441 ng
RT: 13.181 min Scan# 1667
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:196 Resp: 95752
Ion Ratio Lower Upper
196 100
198 97.5 78.8 118.2
200 29.2 25.1 37.7

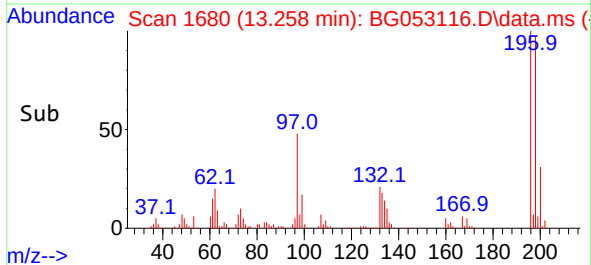
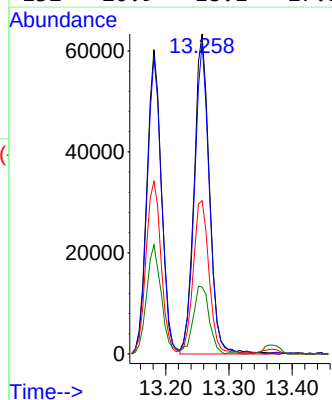
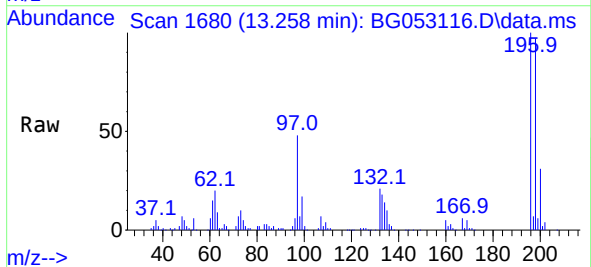
Manual Integrations
APPROVED

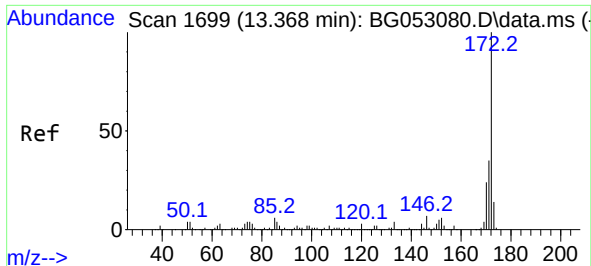
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#44
2,4,5-Trichlorophenol
Concen: 39.072 ng
RT: 13.258 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:196 Resp: 106478
Ion Ratio Lower Upper
196 100
198 97.1 75.8 113.6
97 47.9 36.5 54.7
132 20.9 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 76.189 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

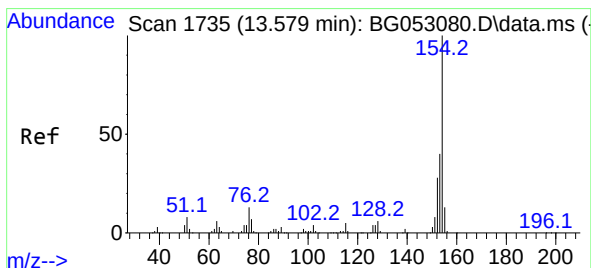
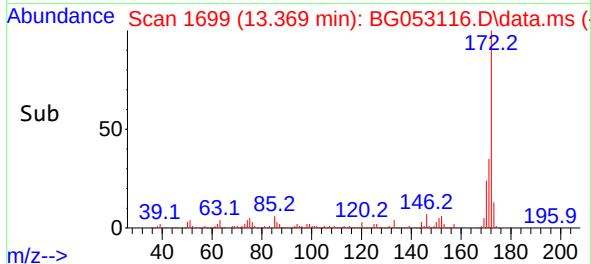
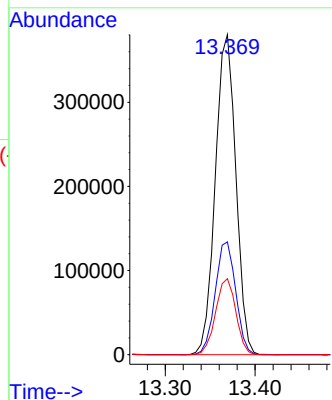
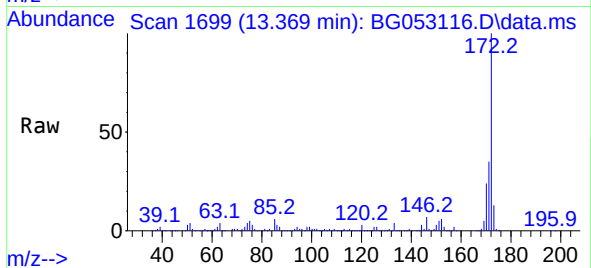
PB144020BS

Tgt Ion:172 Resp: 60343
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 18.0 27.0

Manual Integrations

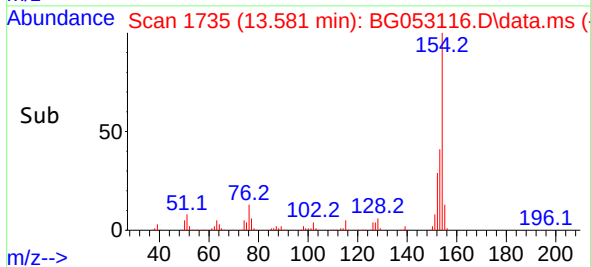
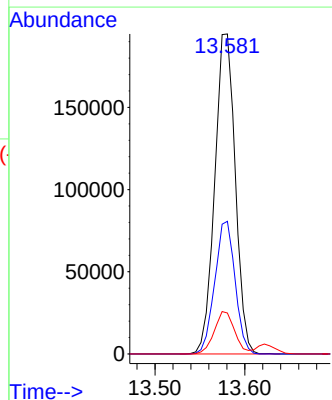
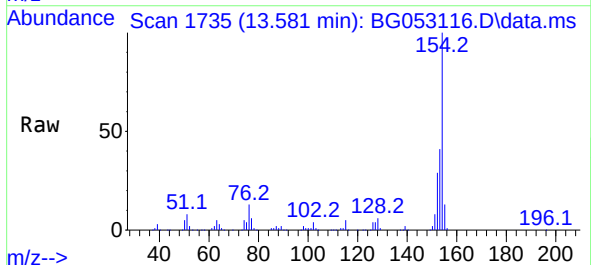
APPROVED

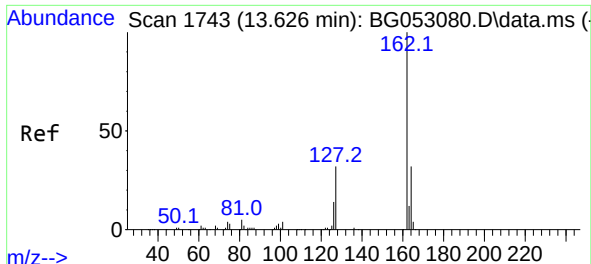
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#46
1,1'-Biphenyl
Concen: 39.289 ng
RT: 13.581 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:154 Resp: 309003
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 12.8 0.0 31.5





#47
2-Chloronaphthalene
Concen: 38.802 ng
RT: 13.628 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

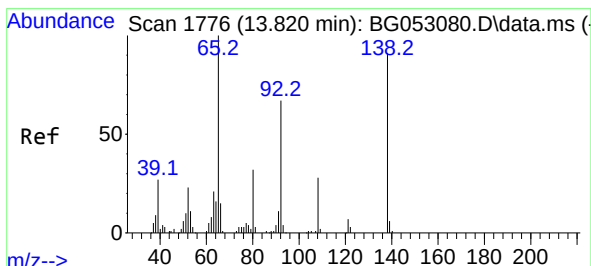
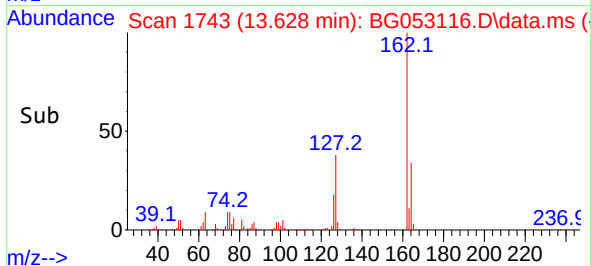
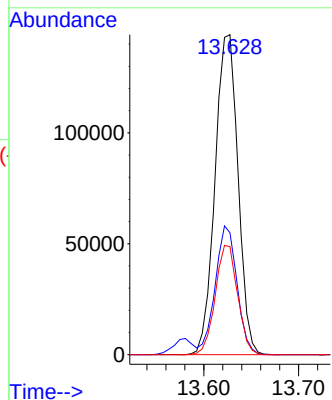
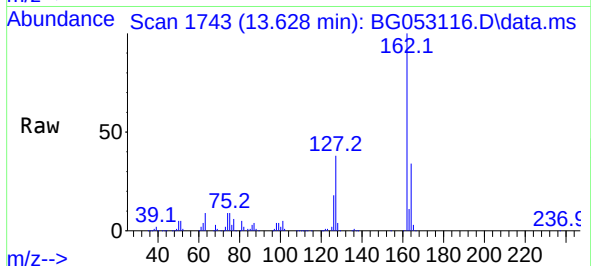
PB144020BS

Tgt Ion:162 Resp: 243470
Ion Ratio Lower Upper
162 100
127 38.1 28.1 42.1
164 33.7 26.0 39.0

Manual Integrations

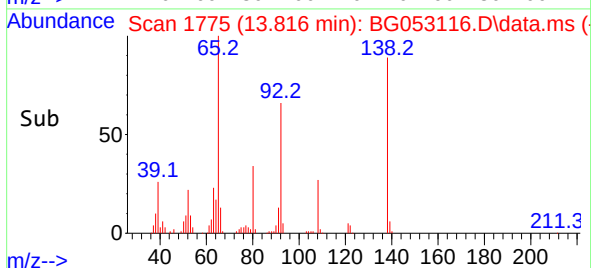
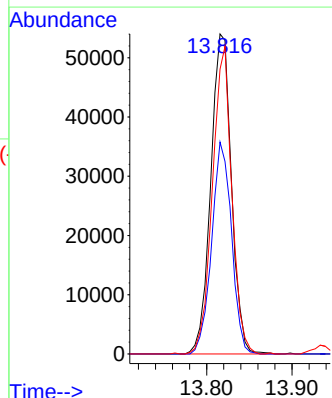
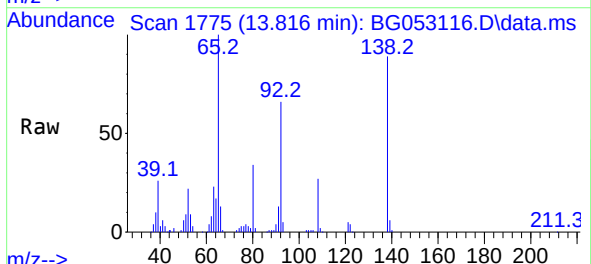
APPROVED

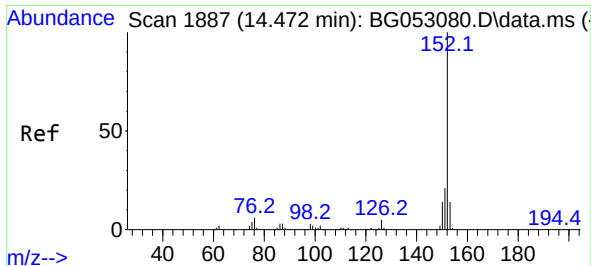
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#48
2-Nitroaniline
Concen: 38.090 ng
RT: 13.816 min Scan# 1775
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

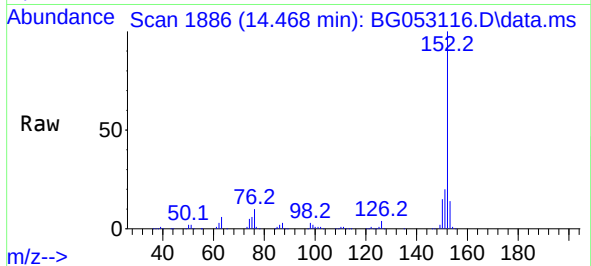
Tgt Ion: 65 Resp: 90700
Ion Ratio Lower Upper
65 100
92 66.2 52.1 78.1
138 89.0 80.1 120.1





#49
Acenaphthylene
Concen: 41.674 ng
RT: 14.468 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

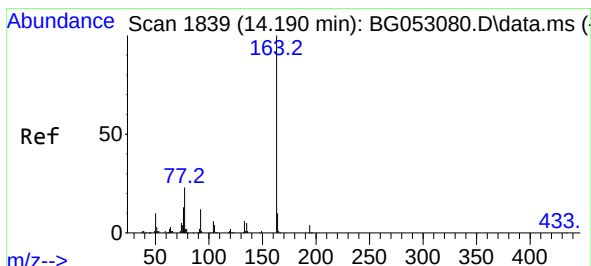
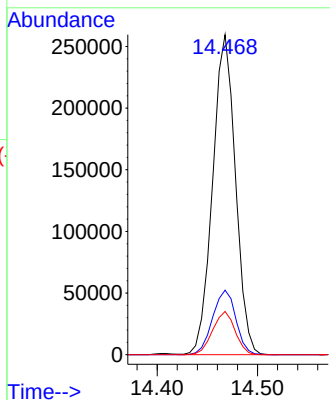
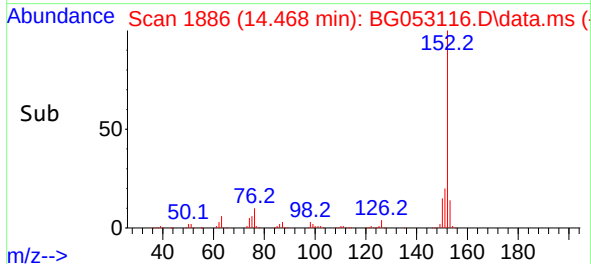
Instrument :
BNA_G
ClientSampleId :
PB144020BS



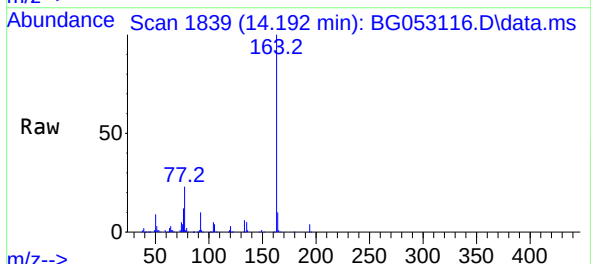
Tgt Ion:152 Resp: 40933
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.5 10.6 15.8

Manual Integrations
APPROVED

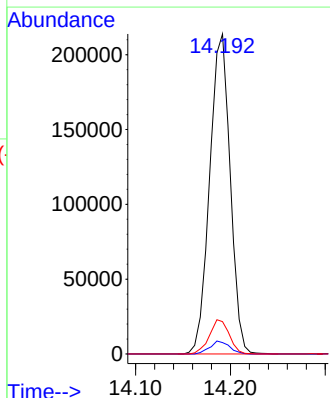
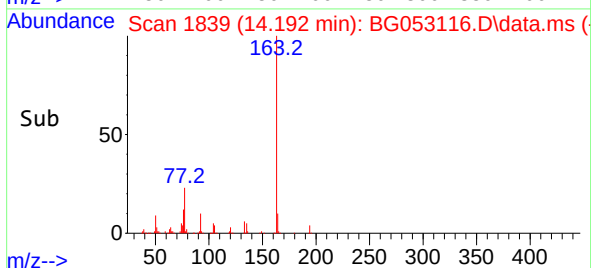
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

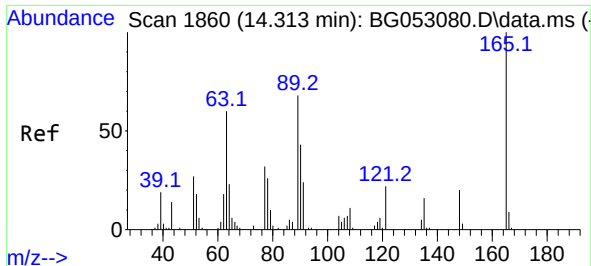


#50
Dimethylphthalate
Concen: 36.899 ng
RT: 14.192 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:163 Resp: 322316
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.1 8.5 12.7





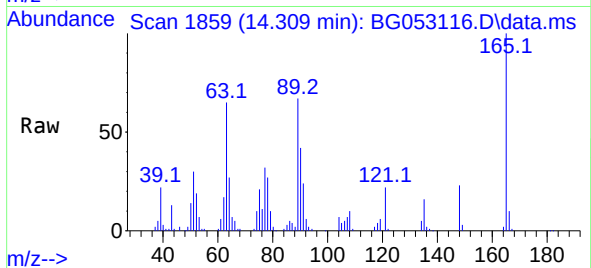
#51
2,6-Dinitrotoluene
Concen: 37.984 ng
RT: 14.309 min Scan# 1859
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

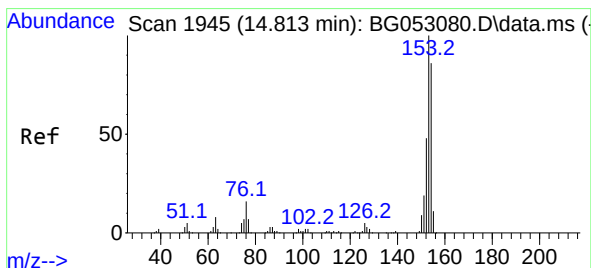
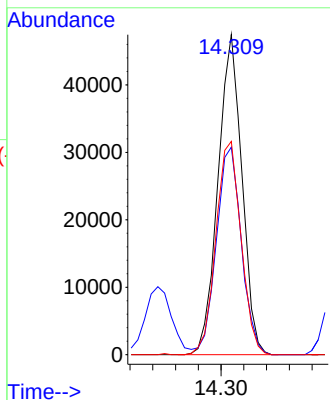
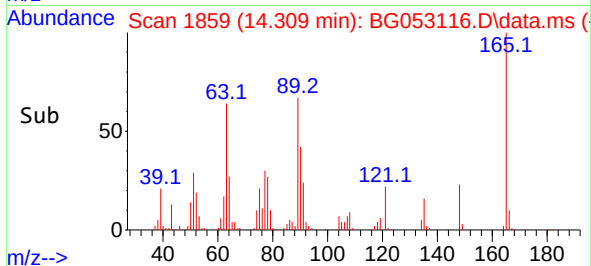


Tgt Ion:165 Resp: 69219
Ion Ratio Lower Upper
165 100
63 64.8 43.7 65.5
89 66.6 45.0 67.4

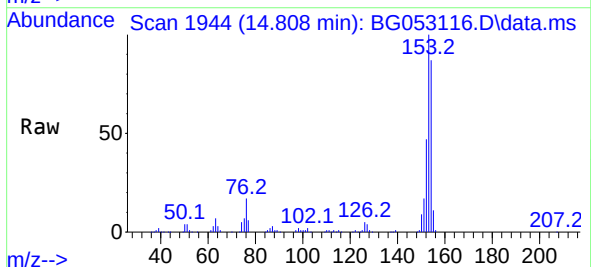
Manual Integrations

APPROVED

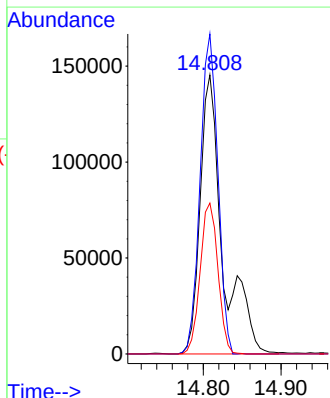
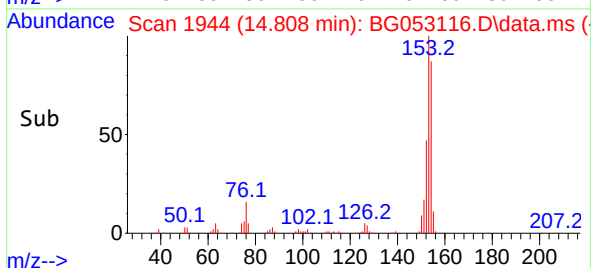
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

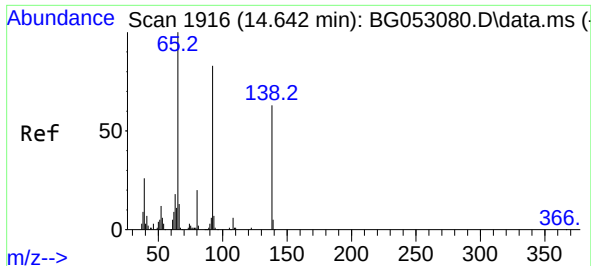


#52
Acenaphthene
Concen: 44.524 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:154 Resp: 296574
Ion Ratio Lower Upper
154 100
153 114.7 89.0 133.4
152 54.1 40.5 60.7





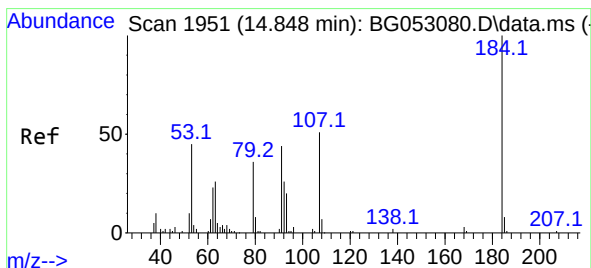
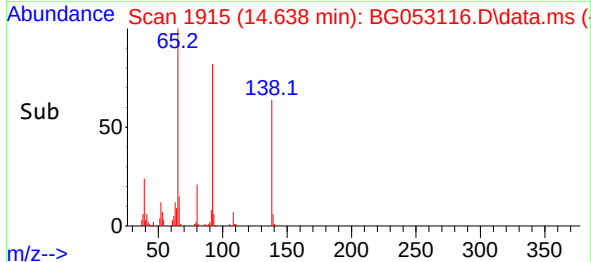
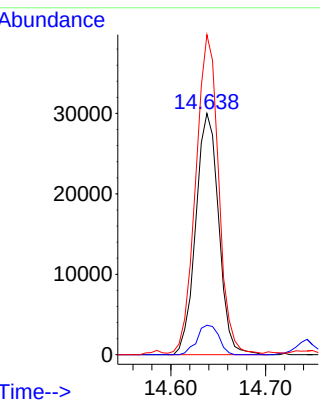
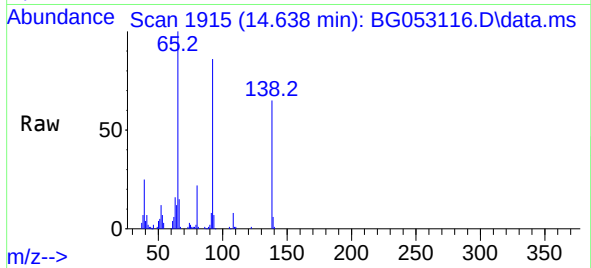
#53
3-Nitroaniline
Concen: 26.135 ng
RT: 14.638 min Scan# 1916
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:138 Resp: 50360
Ion Ratio Lower Upper
138 100
108 12.2 8.0 12.0
92 132.6 96.2 144.2

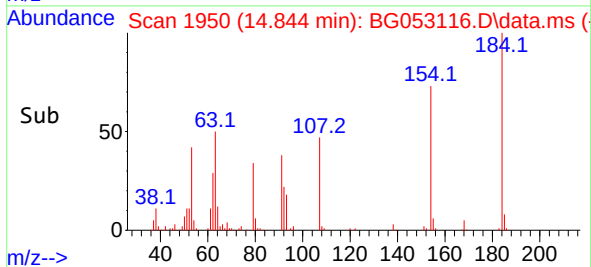
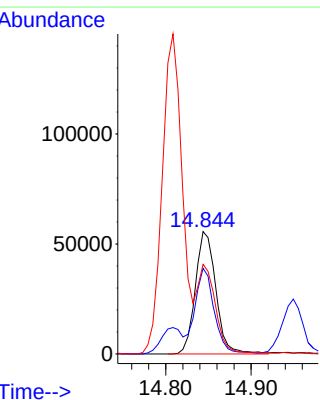
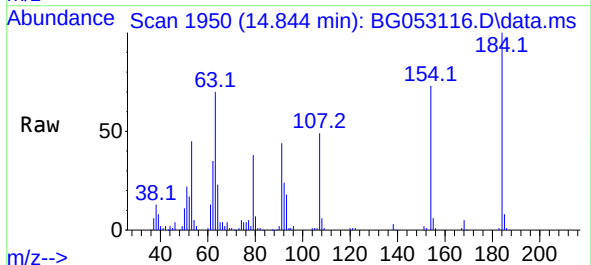
Manual Integrations
APPROVED

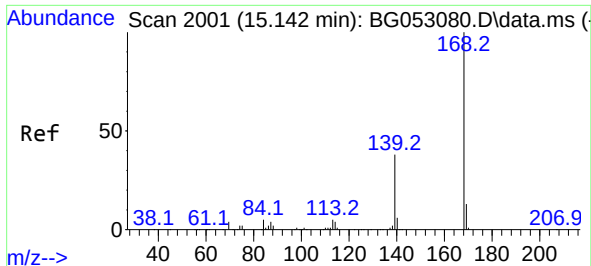
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#54
2,4-Dinitrophenol
Concen: 80.252 ng
RT: 14.844 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:184 Resp: 93053
Ion Ratio Lower Upper
184 100
63 70.0 51.8 77.6
154 73.3 47.8 71.6





#55
Dibenzenofuran
Concen: 37.698 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

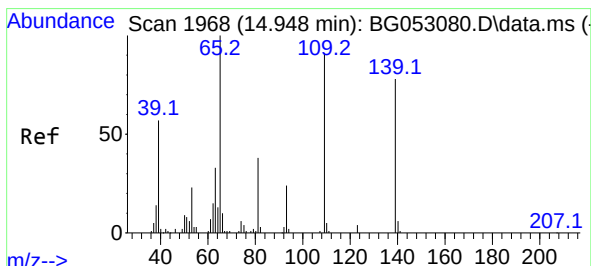
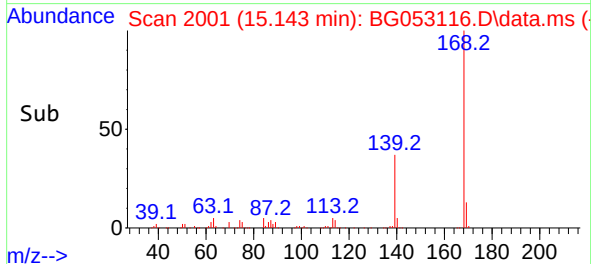
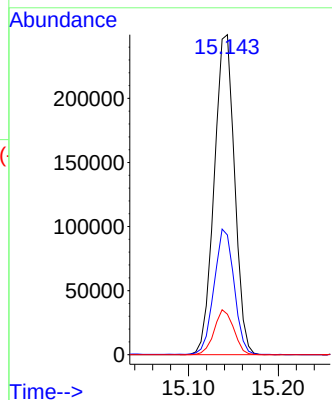
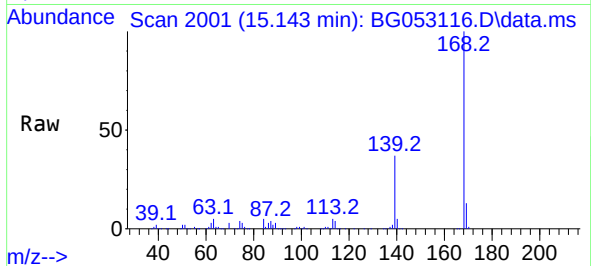
ClientSampleId :

PB144020BS

Tgt Ion:168 Resp: 393197
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.4
169 12.7 10.7 16.1

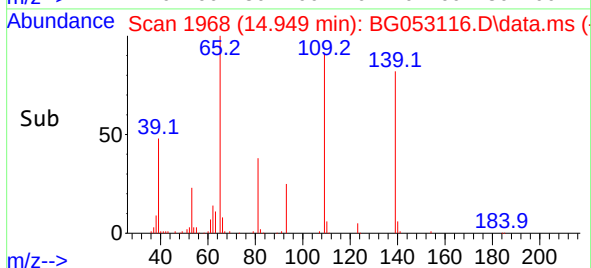
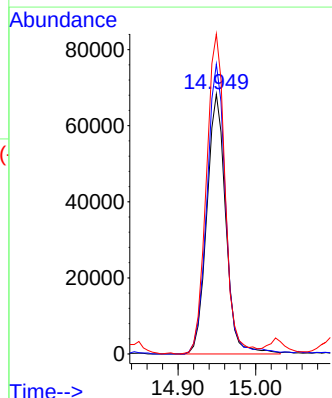
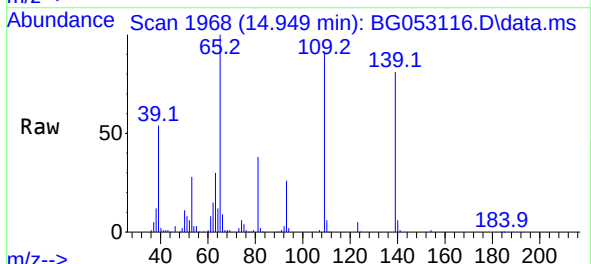
Manual Integrations
APPROVED

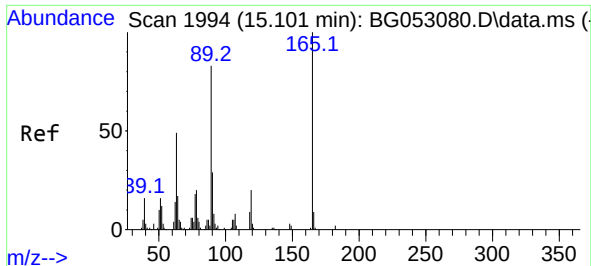
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#56
4-Nitrophenol
Concen: 78.610 ng
RT: 14.949 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:139 Resp: 115527
Ion Ratio Lower Upper
139 100
109 111.6 67.1 107.1#
65 123.2 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 38.923 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

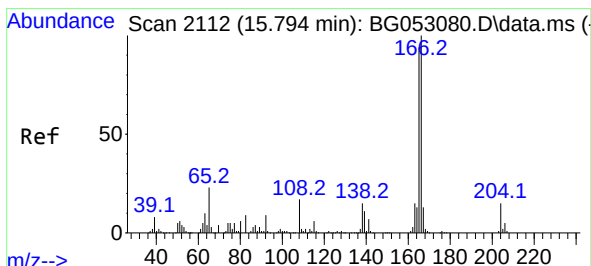
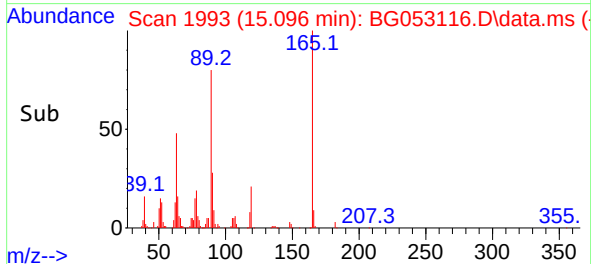
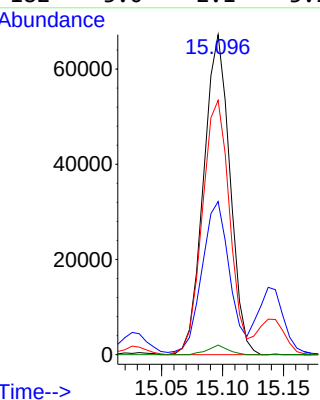
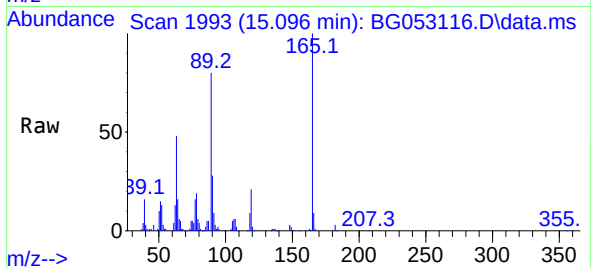
PB144020BS

Tgt Ion:165 Resp: 10098
Ion Ratio Lower Upper
165 100
63 47.9 34.8 52.2
89 79.5 57.4 86.0
182 3.0 2.1 3.1

Manual Integrations

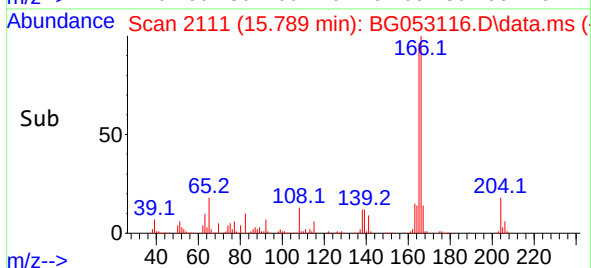
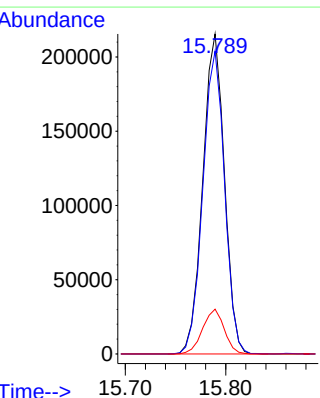
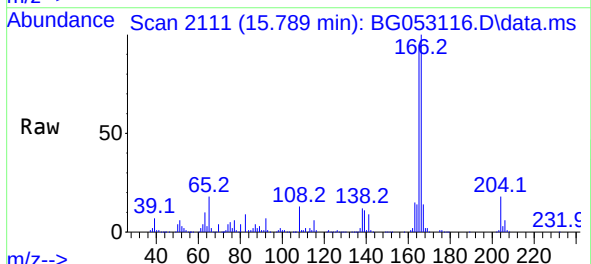
APPROVED

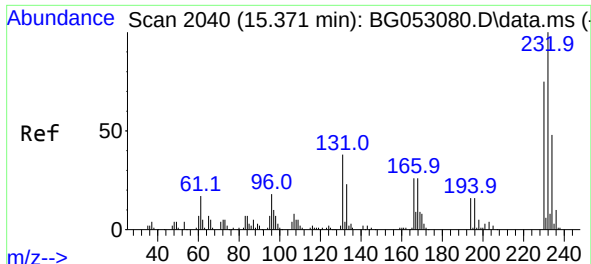
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#58
Fluorene
Concen: 38.163 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:166 Resp: 321491
Ion Ratio Lower Upper
166 100
165 94.7 78.6 117.8
167 14.0 10.9 16.3





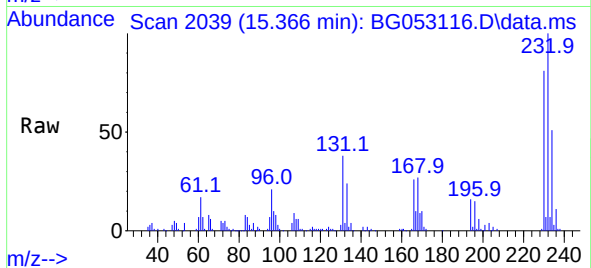
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.928 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

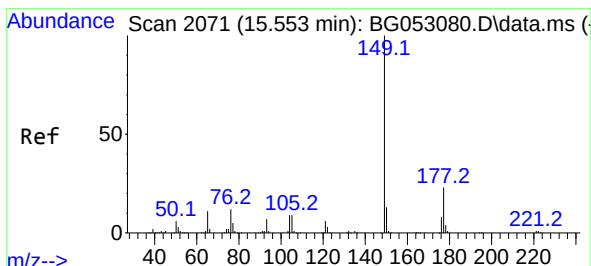
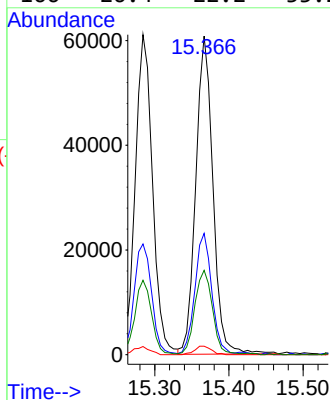
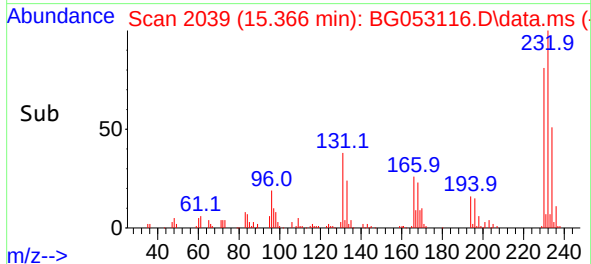


Tgt Ion:232 Resp: 97730
Ion Ratio Lower Upper
232 100
131 36.6 30.1 45.1
130 2.6 1.8 2.8
166 26.4 22.2 33.2

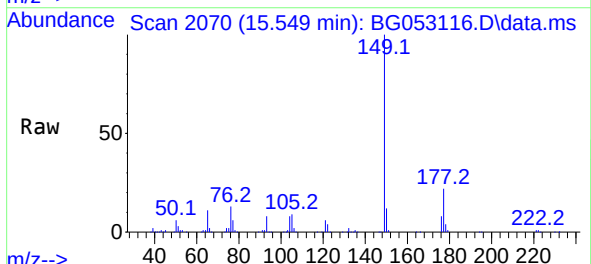
Manual Integrations

APPROVED

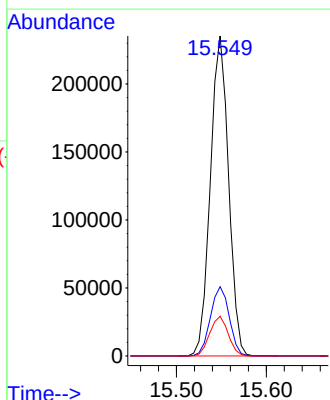
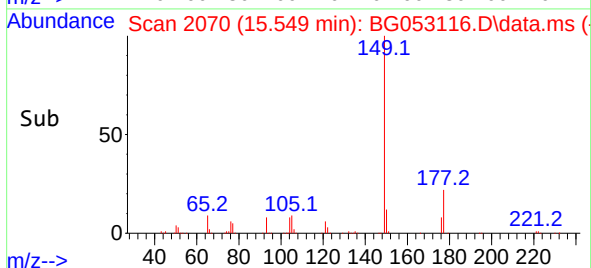
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

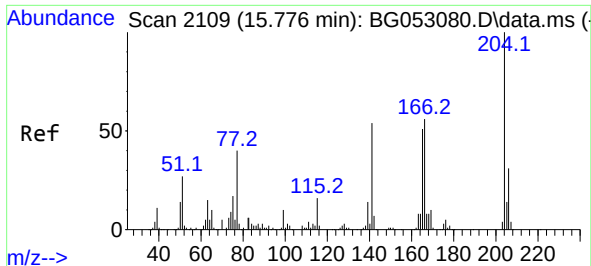


#60
Diethylphthalate
Concen: 36.179 ng
RT: 15.549 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:149 Resp: 331121
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 36.801 ng
RT: 15.778 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

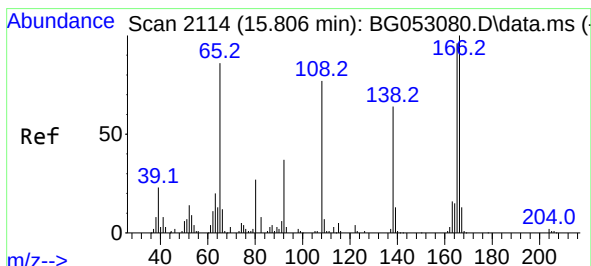
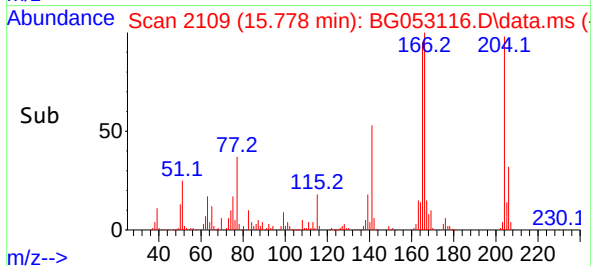
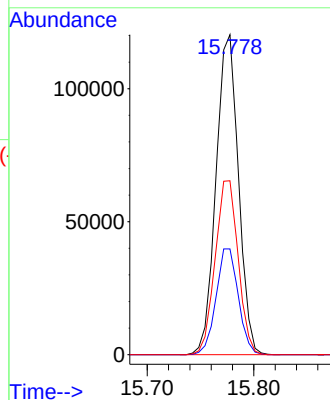
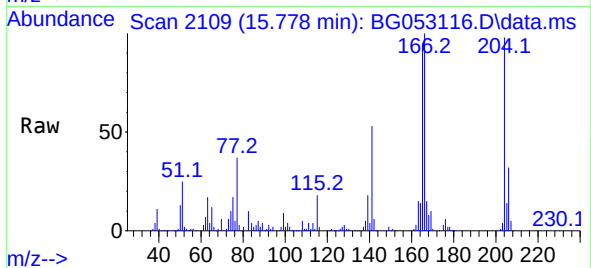
PB144020BS

Tgt Ion:204 Resp: 175739
Ion Ratio Lower Upper
204 100
206 33.1 28.3 42.5
141 54.4 45.8 68.8

Manual Integrations

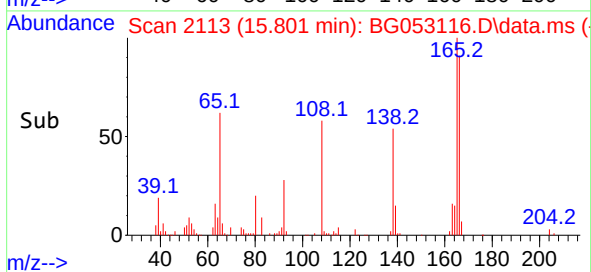
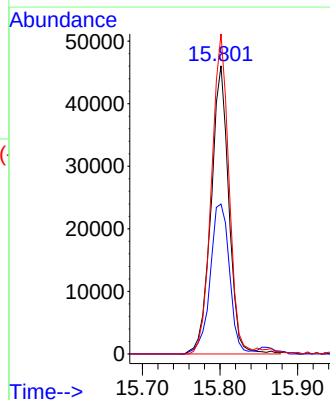
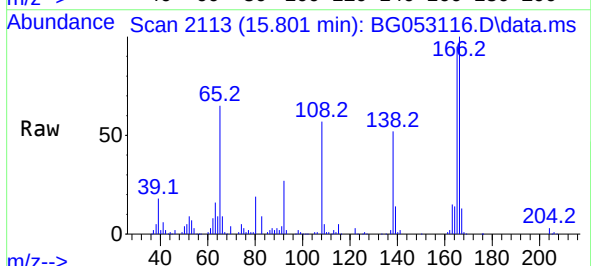
APPROVED

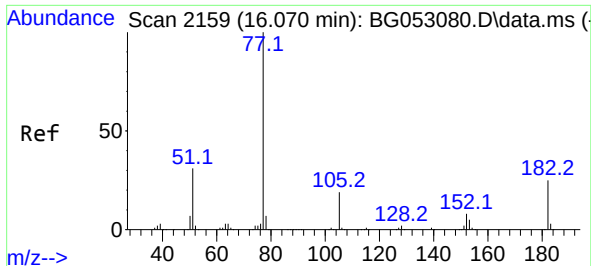
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#62
4-Nitroaniline
Concen: 36.081 ng
RT: 15.801 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:138 Resp: 73364
Ion Ratio Lower Upper
138 100
92 52.0 33.3 73.3
108 111.0 74.2 114.2





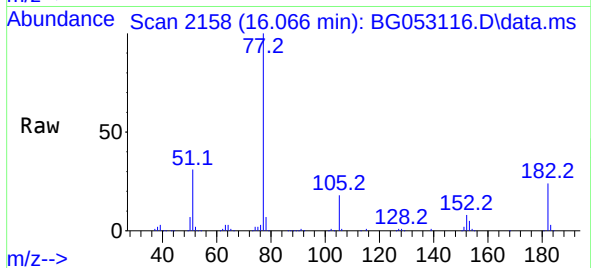
#63
Azobenzene
Concen: 37.016 ng
RT: 16.066 min Scan# 2156
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

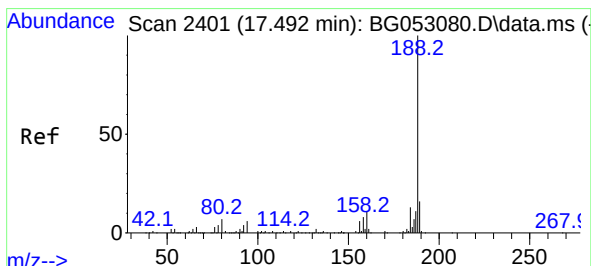
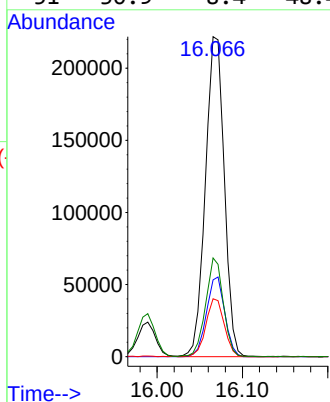
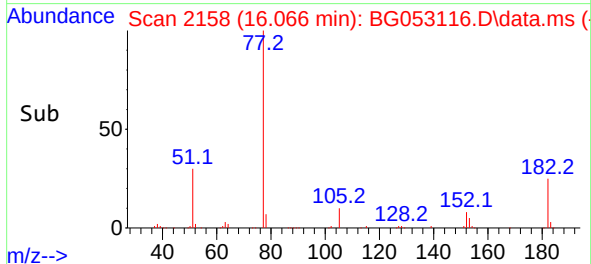


Tgt Ion: 77 Resp: 341560
Ion Ratio Lower Upper
77 100
182 24.0 5.6 45.6
105 18.1 0.0 38.8
51 30.9 8.4 48.4

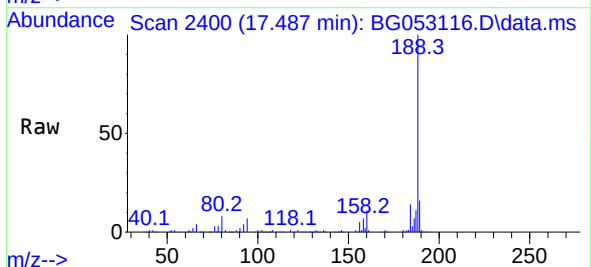
Manual Integrations

APPROVED

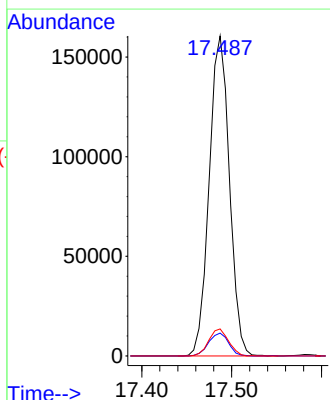
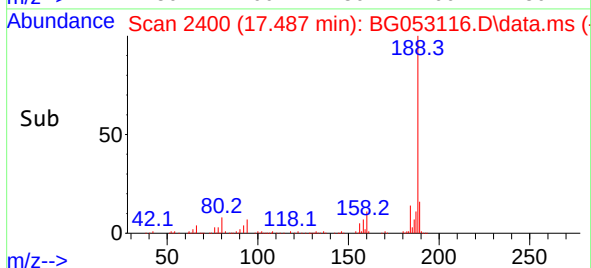
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

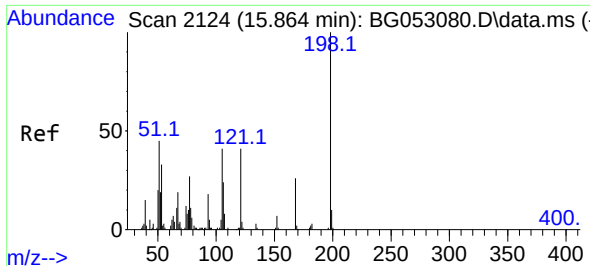


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:188 Resp: 251225
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 7.2 10.8





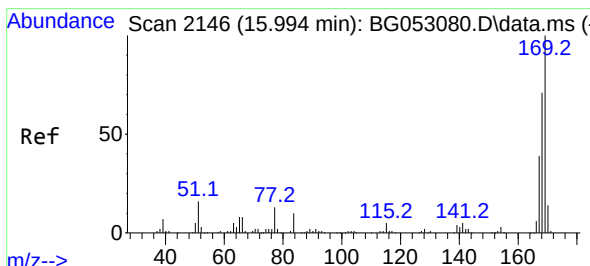
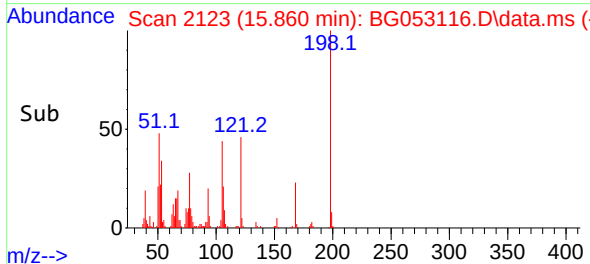
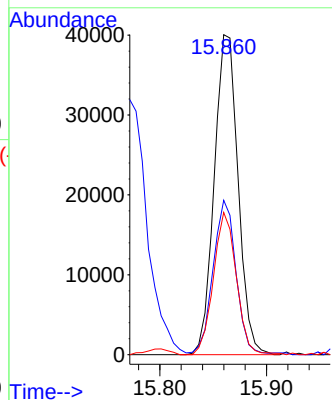
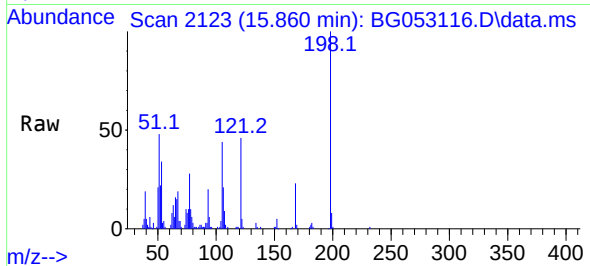
#65
4,6-Dinitro-2-methylphenol
Concen: 35.442 ng
RT: 15.860 min Scan# 2124
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:198 Resp: 62120
Ion Ratio Lower Upper
198 100
51 48.2 21.7 61.7
105 44.5 20.8 60.8

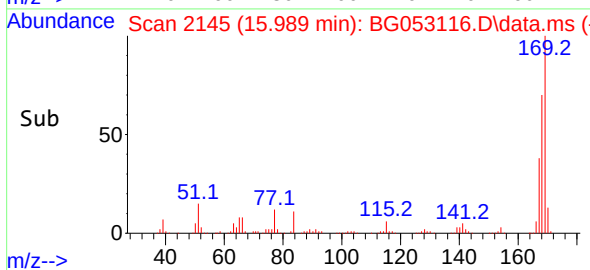
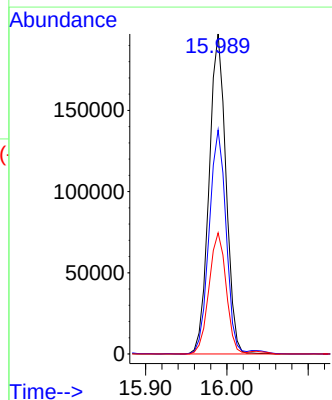
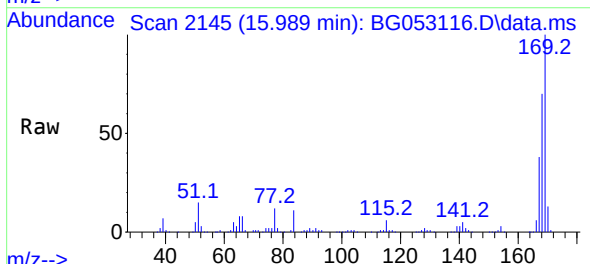
Manual Integrations
APPROVED

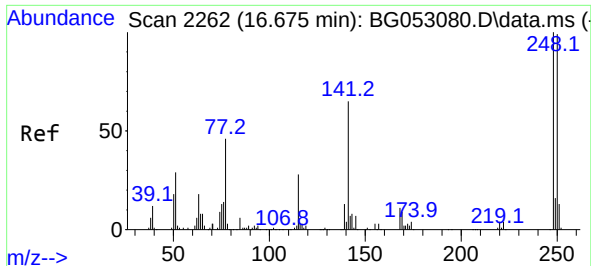
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#66
n-Nitrosodiphenylamine
Concen: 39.263 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:169 Resp: 283651
Ion Ratio Lower Upper
169 100
168 70.0 54.5 81.7
167 37.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 37.935 ng
RT: 16.671 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

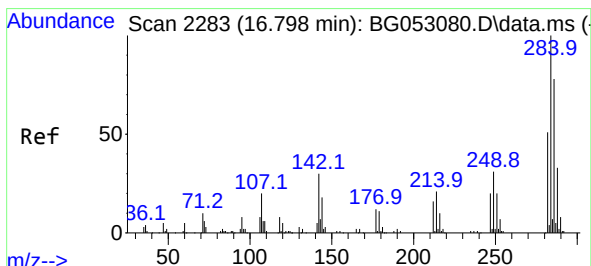
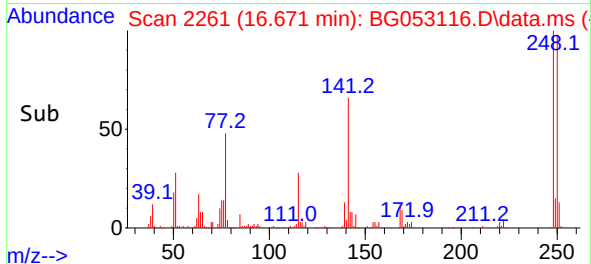
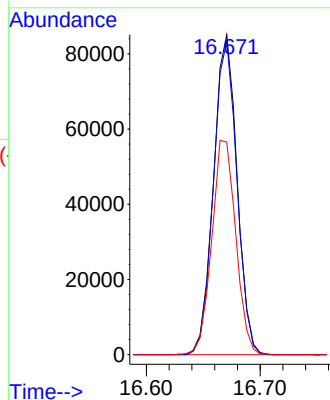
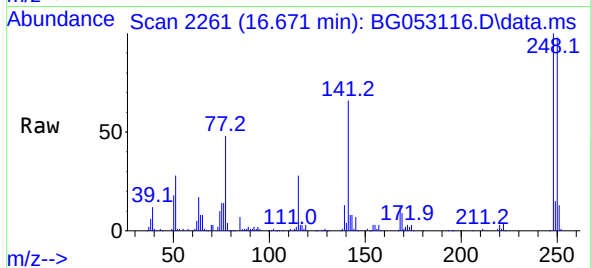
PB144020BS

Tgt Ion:248 Resp: 122110
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 66.5 49.2 73.8

Manual Integrations

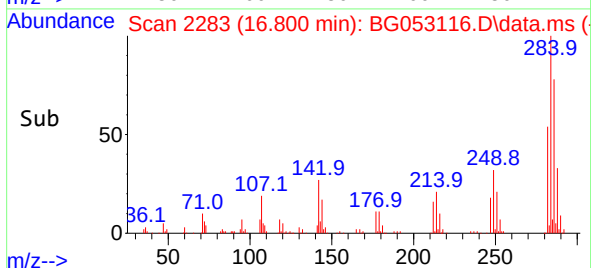
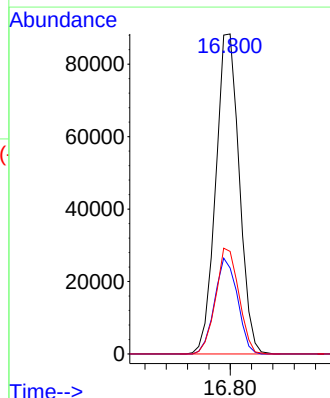
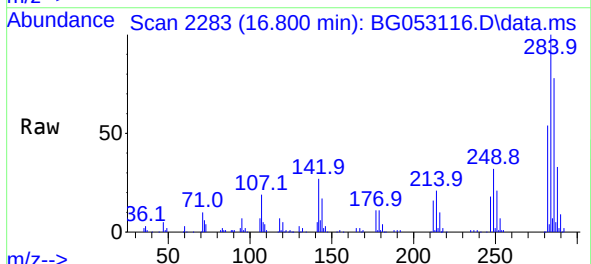
APPROVED

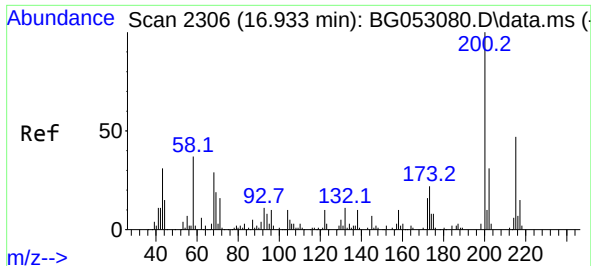
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#68
Hexachlorobenzene
Concen: 38.733 ng
RT: 16.800 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:284 Resp: 135026
Ion Ratio Lower Upper
284 100
142 26.8 21.0 31.4
249 32.0 22.7 34.1





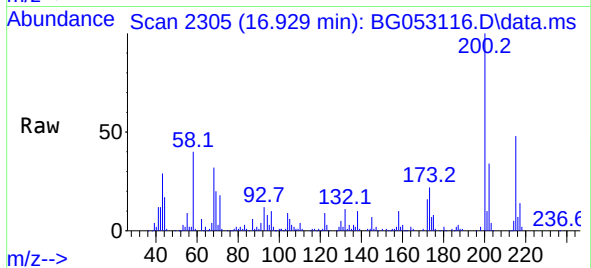
#69
 Atrazine
 Concen: 42.989 ng
 RT: 16.929 min Scan# 211
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

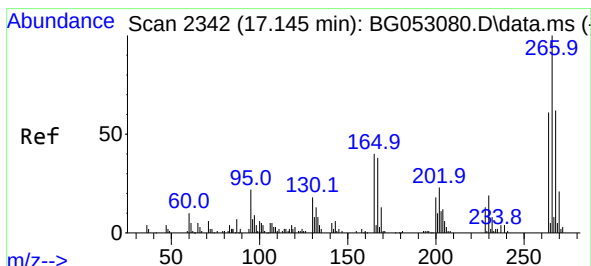
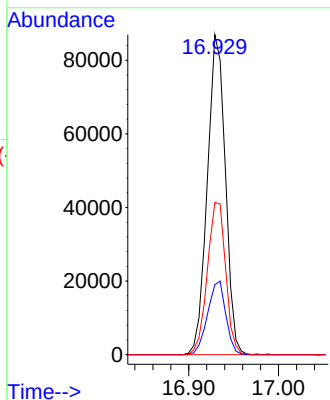
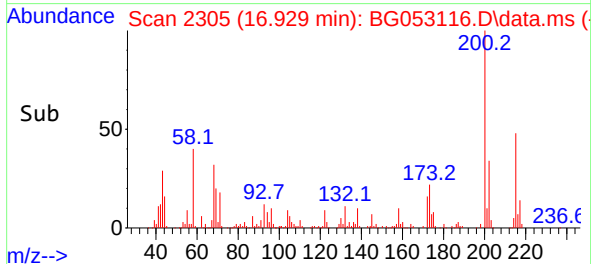


Tgt Ion:200 Resp: 121315
 Ion Ratio Lower Upper
 200 100
 173 21.9 3.8 43.8
 215 47.6 26.3 66.3

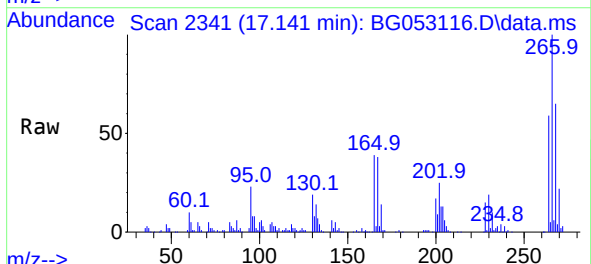
Manual Integrations

APPROVED

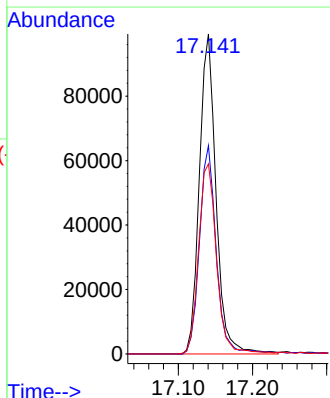
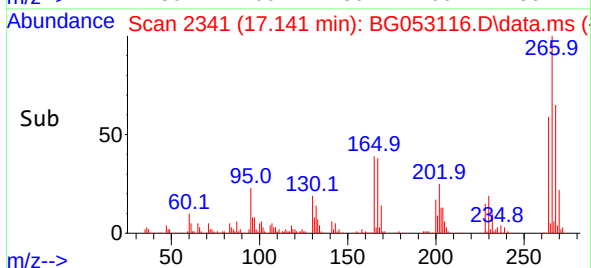
Reviewed By :Christian Giraldo 04/13/2022
 Supervised By :Jagrut Upadhyay 04/13/2022

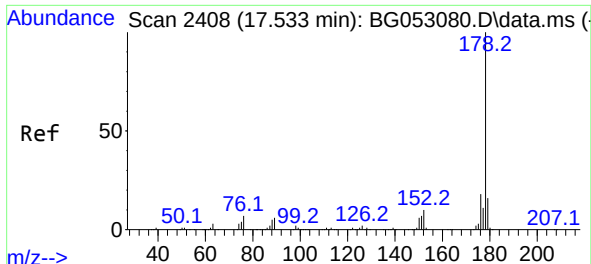


#70
 Pentachlorophenol
 Concen: 81.491 ng
 RT: 17.141 min Scan# 2341
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25



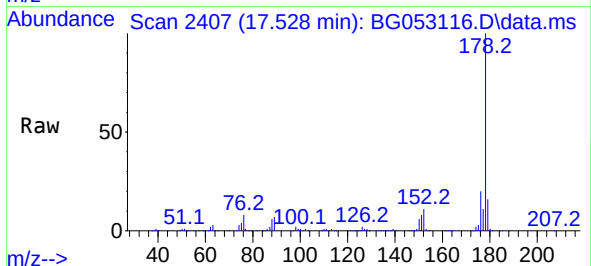
Tgt Ion:266 Resp: 155260
 Ion Ratio Lower Upper
 266 100
 268 65.1 45.9 68.9
 264 59.4 45.3 67.9





#71
Phenanthrene
Concen: 39.145 ng
RT: 17.528 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

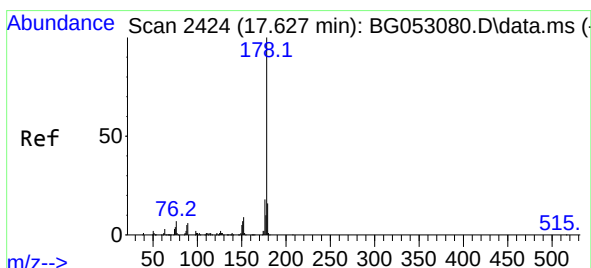
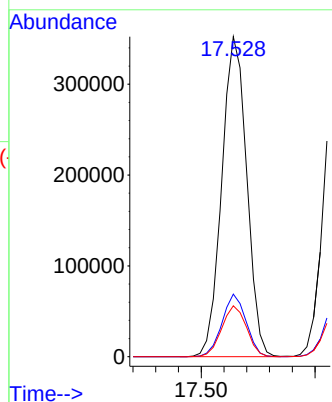
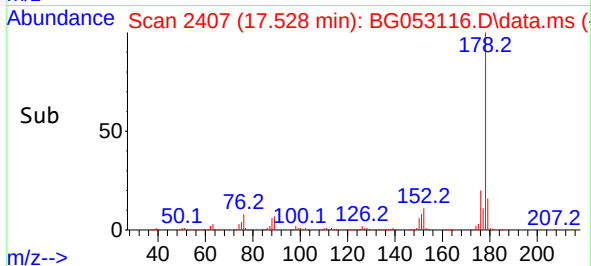
Instrument :
BNA_G
ClientSampleId :
PB144020BS



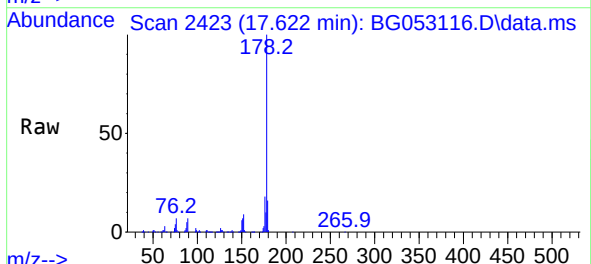
Tgt Ion:178 Resp: 53716
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 13.4 20.2

Manual Integrations
APPROVED

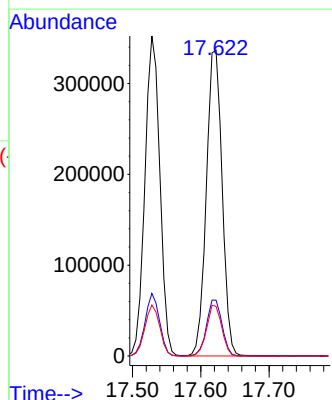
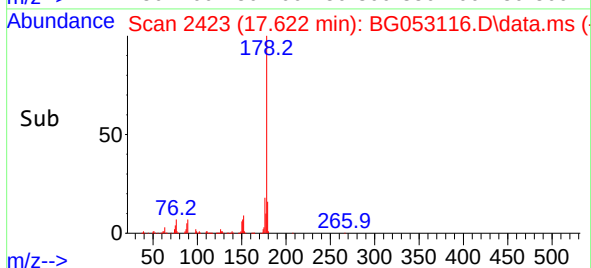
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

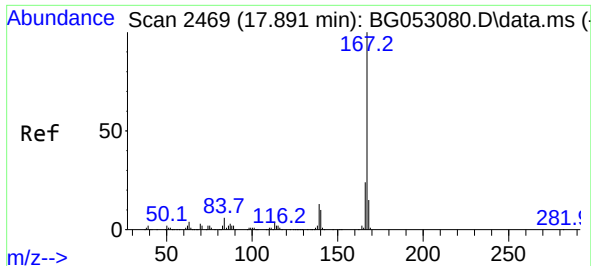


#72
Anthracene
Concen: 39.857 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:178 Resp: 541845
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 16.2 13.2 19.8





#73
Carbazole
Concen: 38.272 ng
RT: 17.887 min Scan# 2468
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

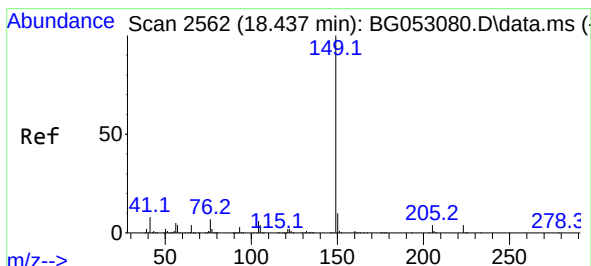
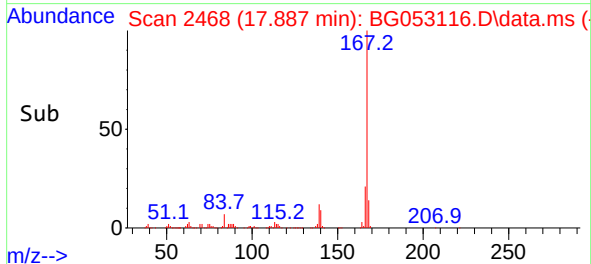
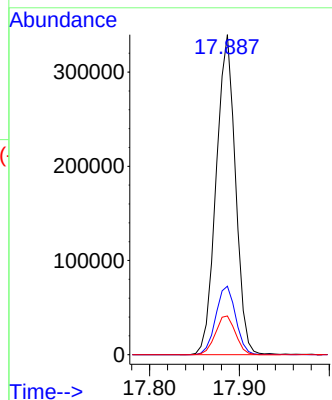
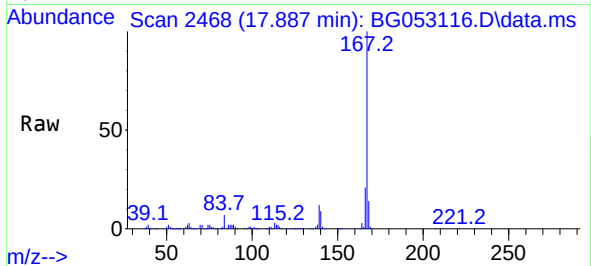
PB144020BS

Tgt Ion:167 Resp: 505760
Ion Ratio Lower Upper
167 100
166 21.4 18.5 27.7
139 12.1 10.0 15.0

Manual Integrations

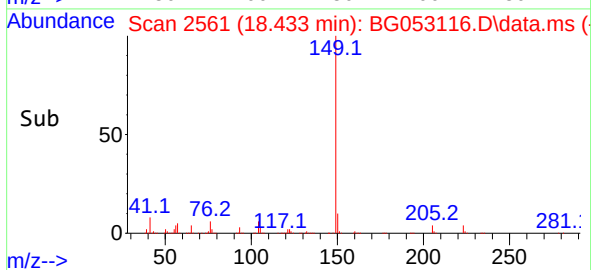
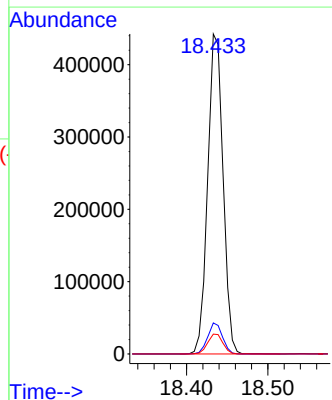
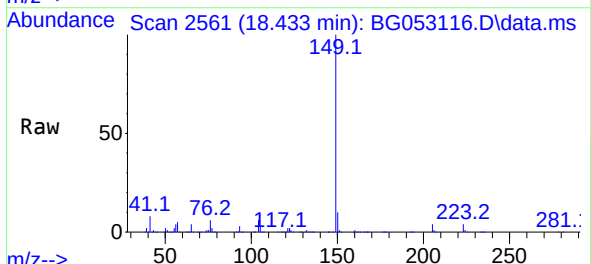
APPROVED

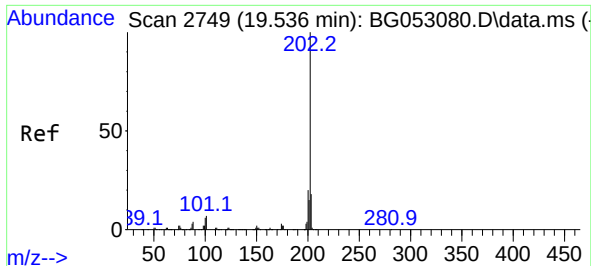
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#74
Di-n-butylphthalate
Concen: 38.640 ng
RT: 18.433 min Scan# 2561
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:149 Resp: 579112
Ion Ratio Lower Upper
149 100
150 9.7 7.0 10.6
104 6.2 4.6 7.0





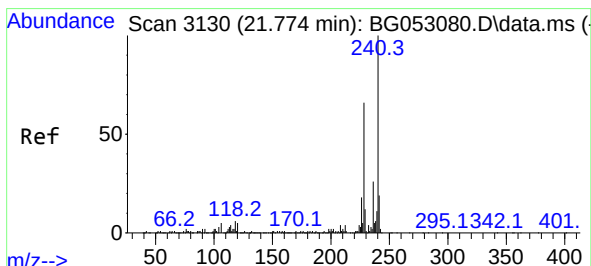
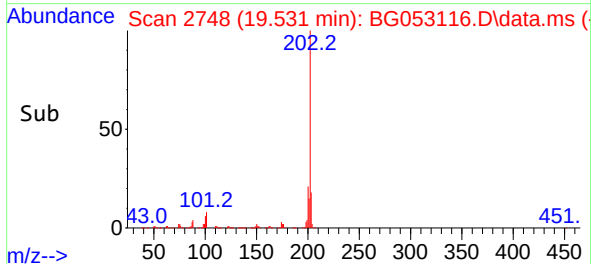
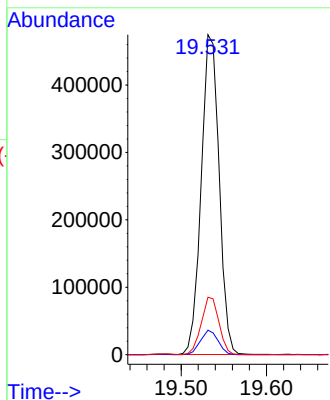
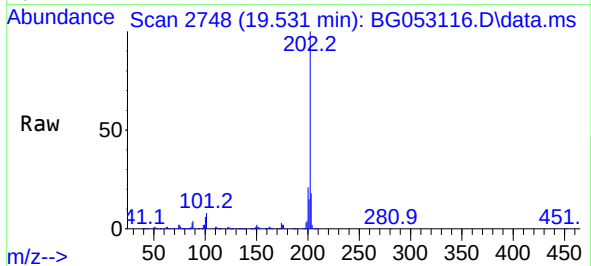
#75
Fluoranthene
Concen: 39.308 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:202 Resp: 69142
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.3
203 17.9 0.0 37.7

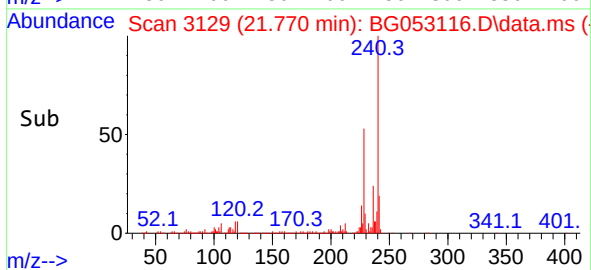
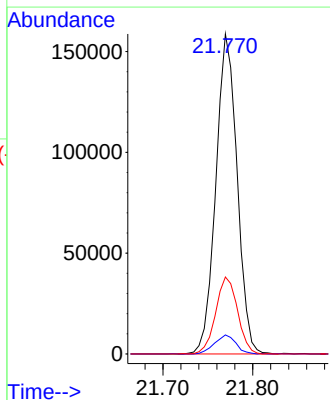
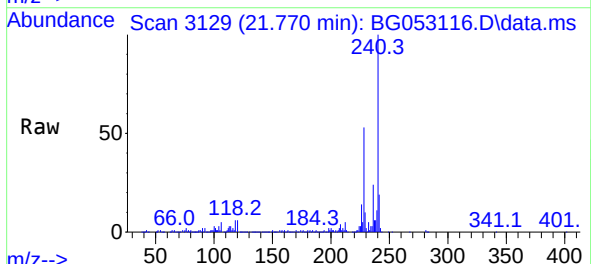
Manual Integrations
APPROVED

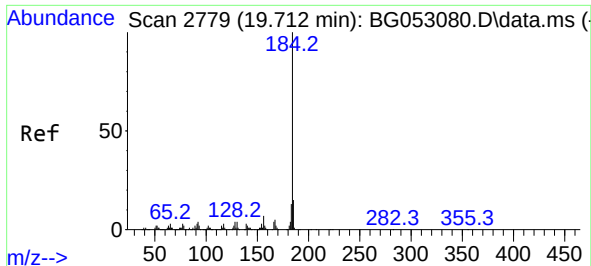
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:240 Resp: 260812
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.0 19.8 29.6





#77
Benzidine
Concen: 36.788 ng
RT: 19.708 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

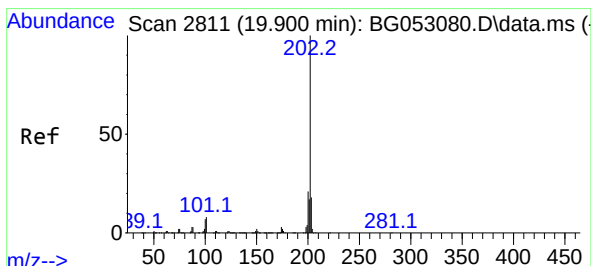
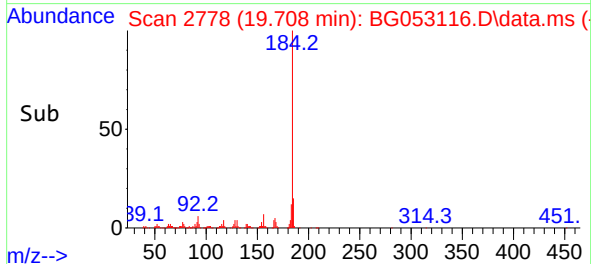
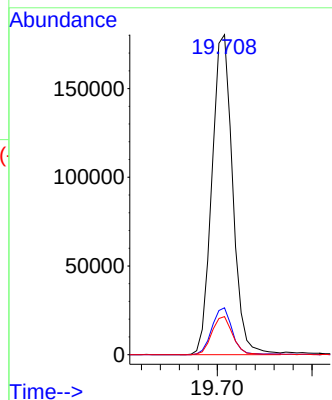
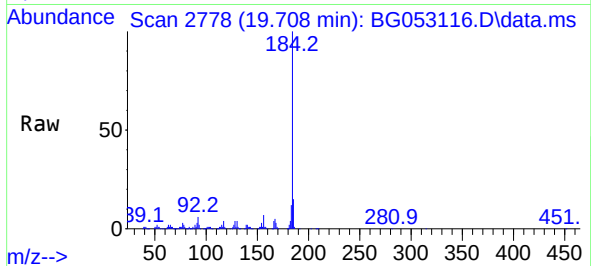
PB144020BS

Tgt Ion:184 Resp: 273752
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.9 9.4 14.2

Manual Integrations

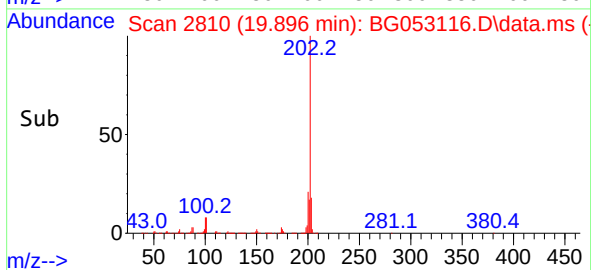
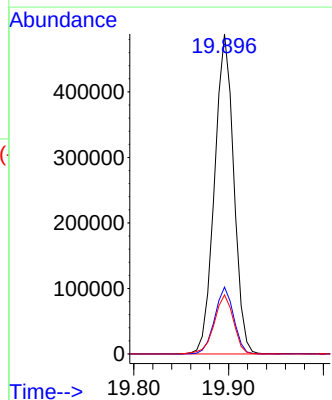
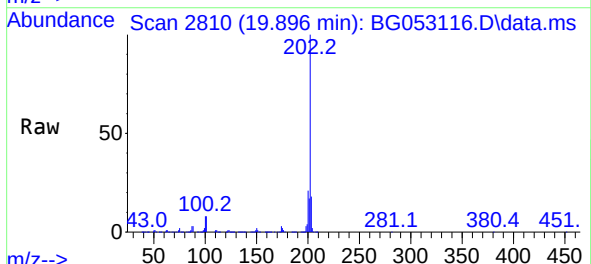
APPROVED

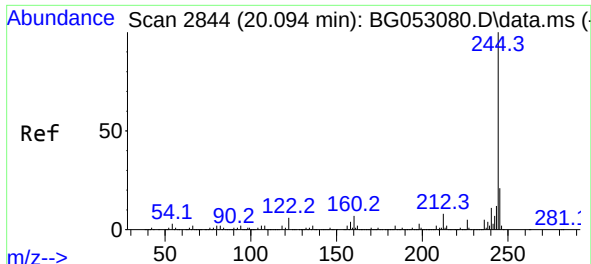
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#78
Pyrene
Concen: 37.032 ng
RT: 19.896 min Scan# 2810
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:202 Resp: 687875
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 18.5 15.0 22.6





#79
 Terphenyl-d14
 Concen: 74.342 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

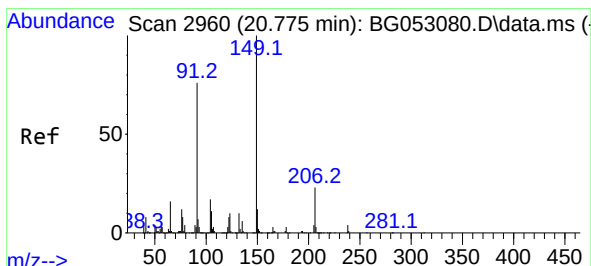
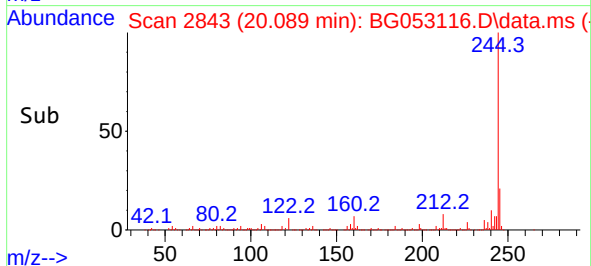
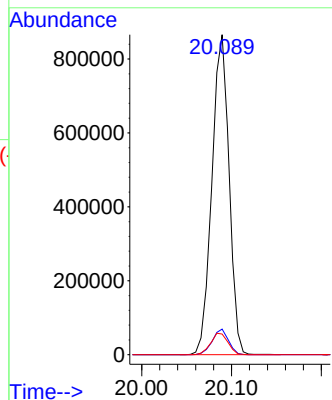
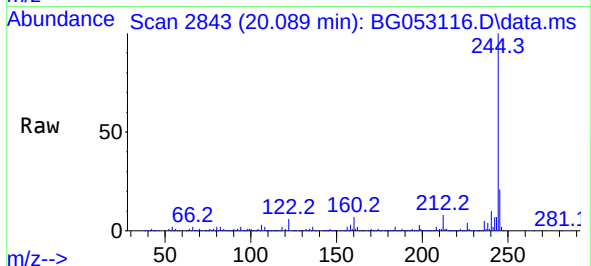
PB144020BS

Tgt Ion:244 Resp: 114804
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6

Manual Integrations

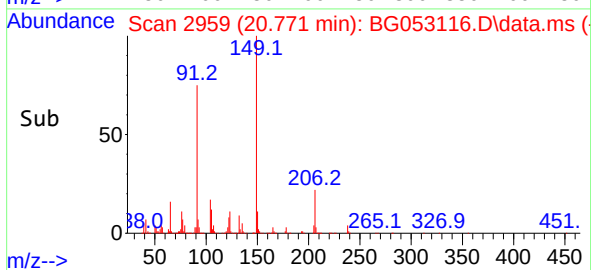
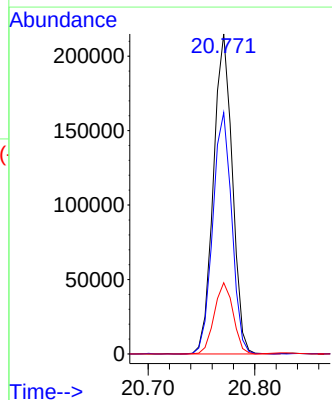
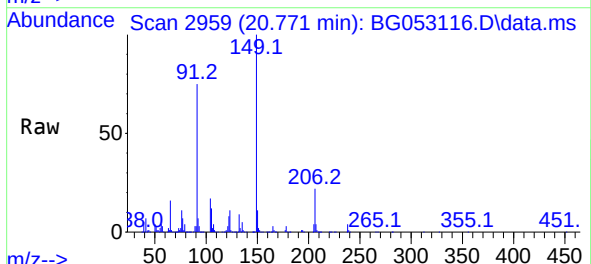
APPROVED

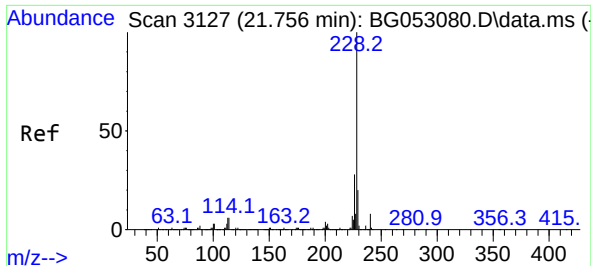
Reviewed By :Christian Giraldo 04/13/2022
 Supervised By :Jagrut Upadhyay 04/13/2022



#80
 Butylbenzylphthalate
 Concen: 38.132 ng
 RT: 20.771 min Scan# 2959
 Delta R.T. -0.004 min
 Lab File: BG053116.D
 Acq: 12 Apr 2022 12:25

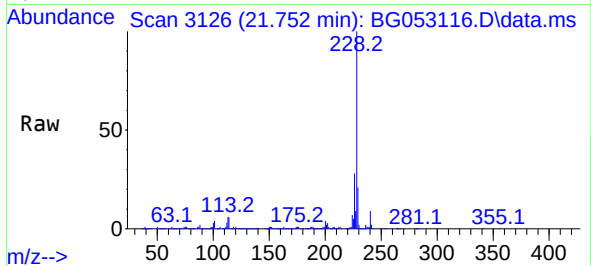
Tgt Ion:149 Resp: 264068
 Ion Ratio Lower Upper
 149 100
 91 75.4 60.2 90.4
 206 22.2 19.4 29.2





#81
Benzo(a)anthracene
Concen: 38.588 ng
RT: 21.752 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

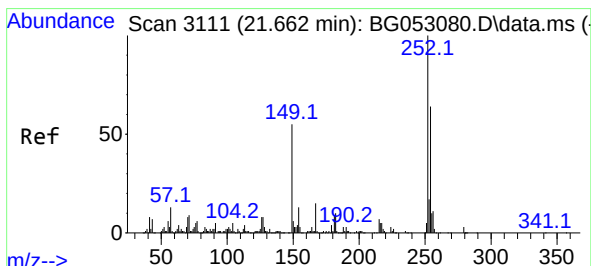
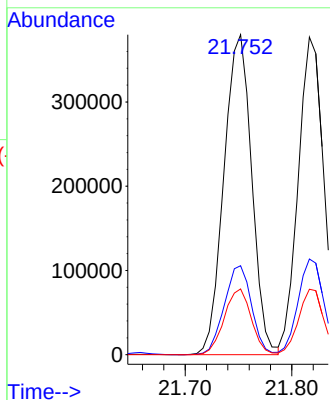
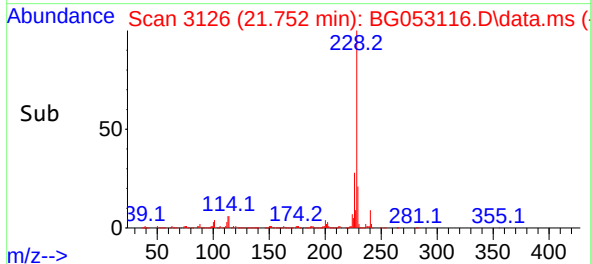
Instrument :
BNA_G
ClientSampleId :
PB144020BS



Tgt Ion:228 Resp: 688119
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.5 16.7 25.1

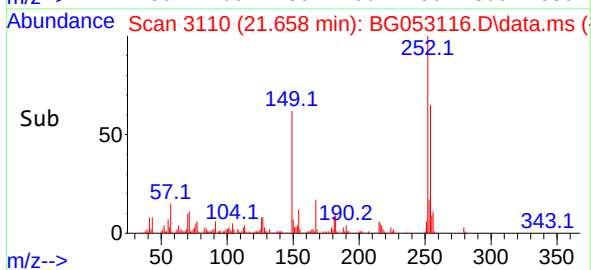
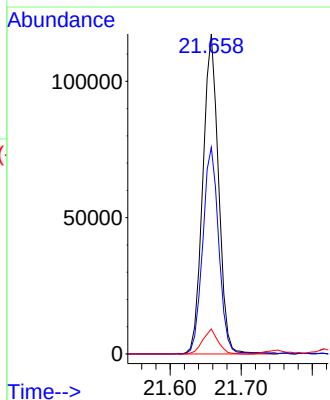
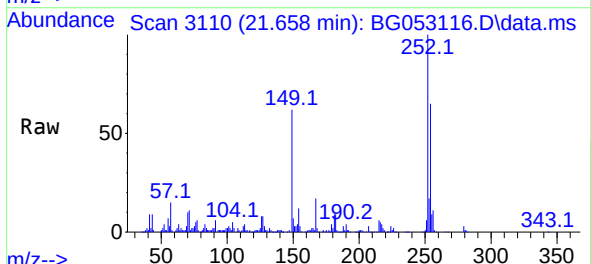
Manual Integrations
APPROVED

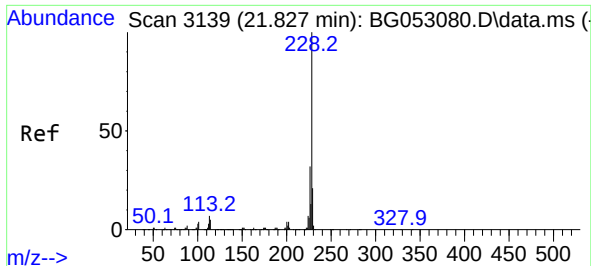
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#82
3,3'-Dichlorobenzidine
Concen: 27.499 ng
RT: 21.658 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:252 Resp: 180342
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 7.8 5.8 8.8





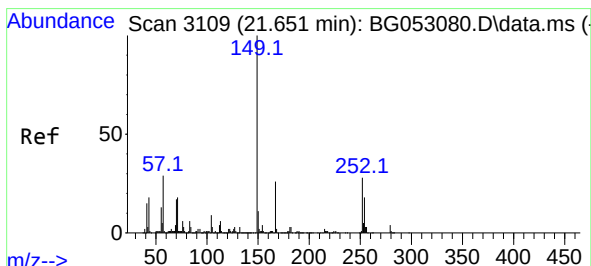
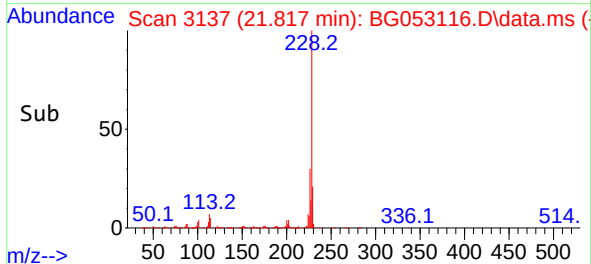
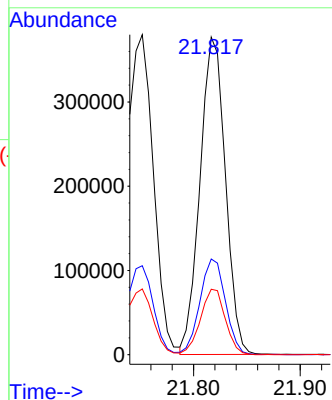
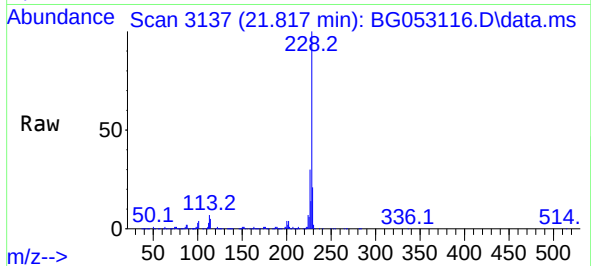
#83
Chrysene
Concen: 37.668 ng
RT: 21.817 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:228 Resp: 62340
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 20.6 16.3 24.5

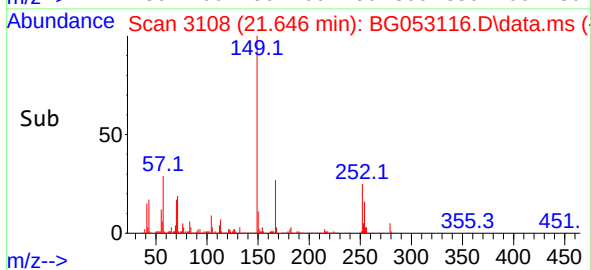
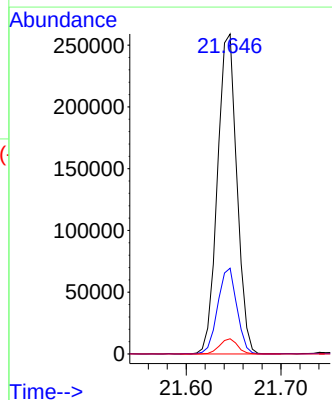
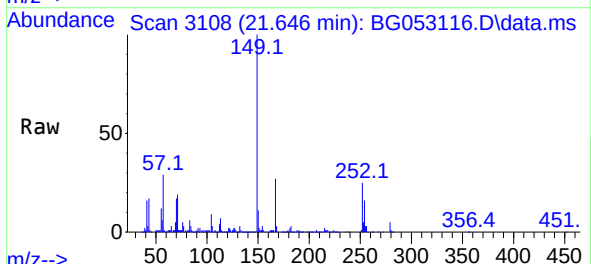
Manual Integrations
APPROVED

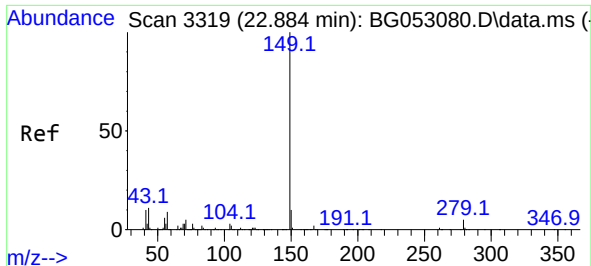
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.326 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Tgt Ion:149 Resp: 368120
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.7 3.8 5.8





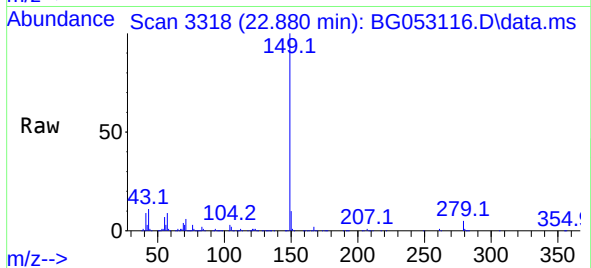
#85
Di-n-octyl phthalate
Concen: 39.221 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB144020BS

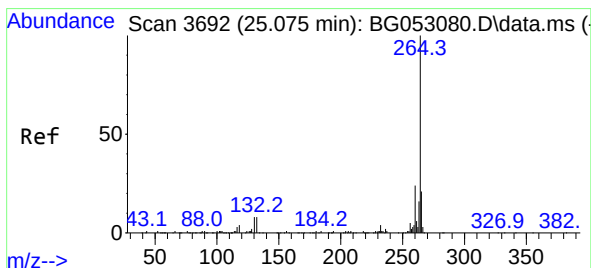
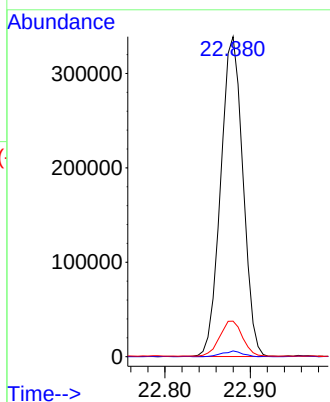
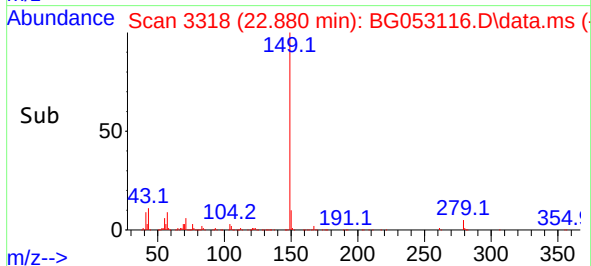


Tgt Ion:149 Resp: 614015
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 7.6 11.4

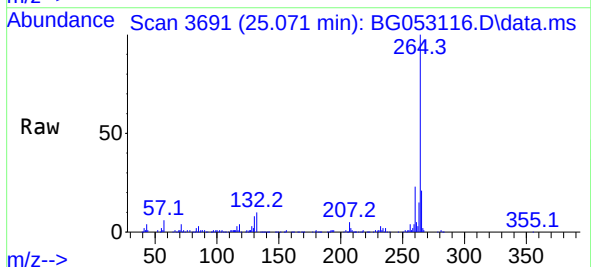
Manual Integrations

APPROVED

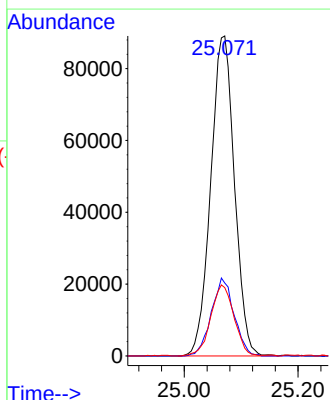
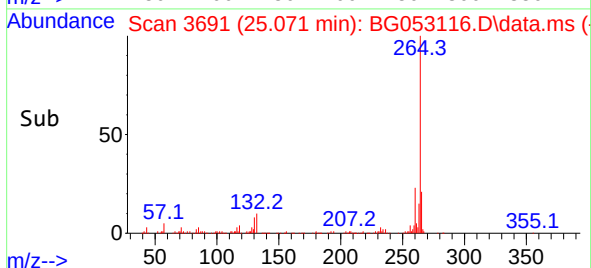
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

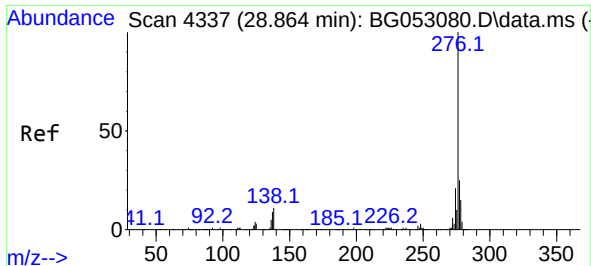


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 3691
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



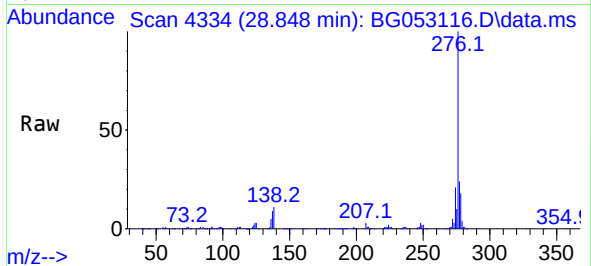
Tgt Ion:264 Resp: 257870
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 21.3 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.013 ng
RT: 28.848 min Scan# 4334
Delta R.T. -0.016 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

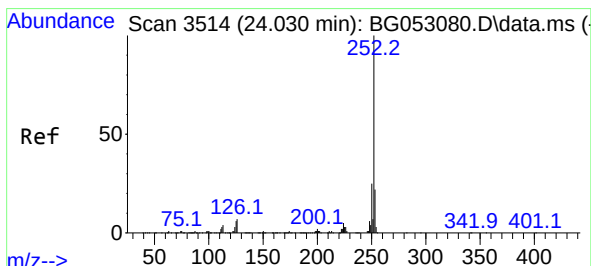
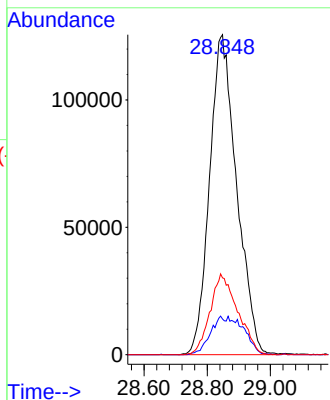
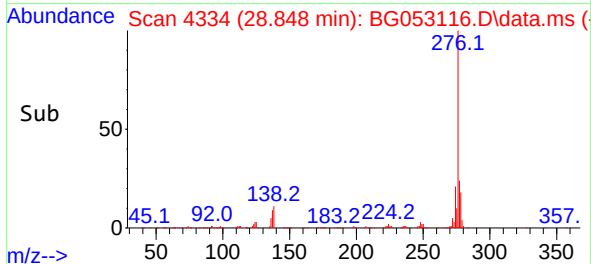
Instrument :
BNA_G
ClientSampleId :
PB144020BS



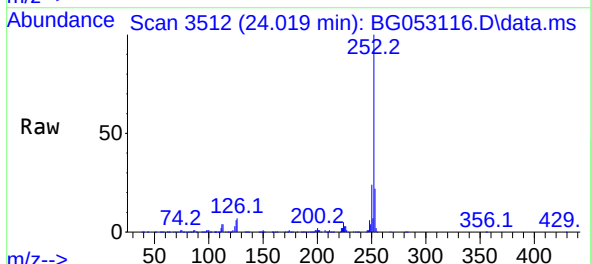
Tgt Ion:276 Resp: 747420
Ion Ratio Lower Upper
276 100
138 6.9 8.7 13.1
277 25.7 20.2 30.4

Manual Integrations
APPROVED

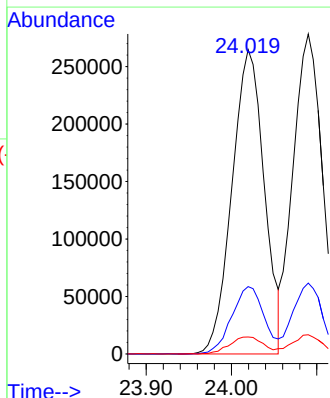
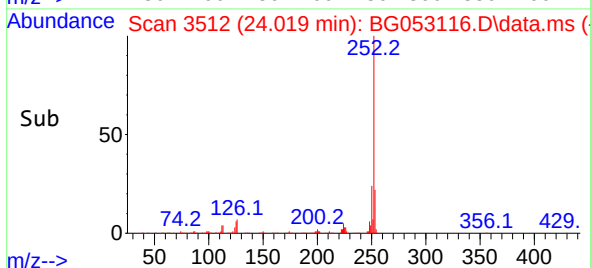
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

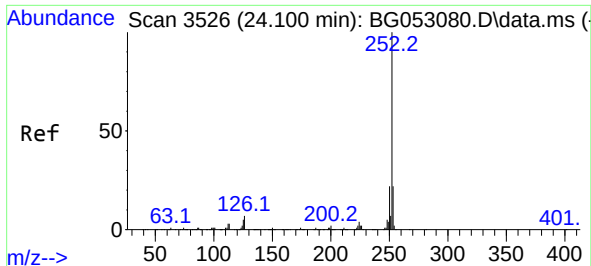


#88
Benzo(b)fluoranthene
Concen: 42.755 ng
RT: 24.019 min Scan# 3512
Delta R.T. -0.010 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:252 Resp: 695630
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.6 5.2 7.8





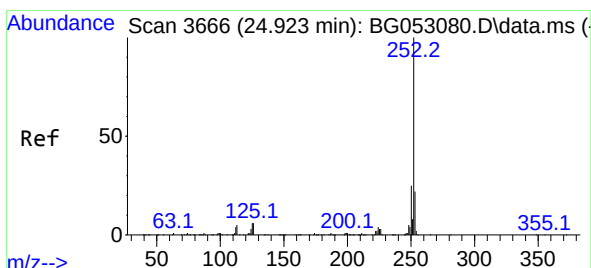
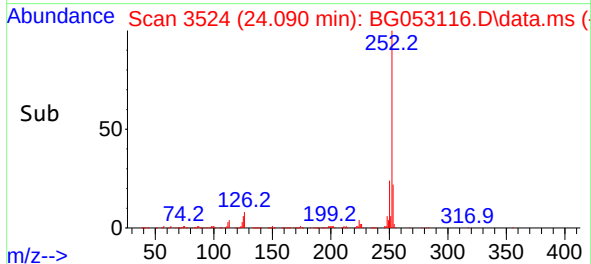
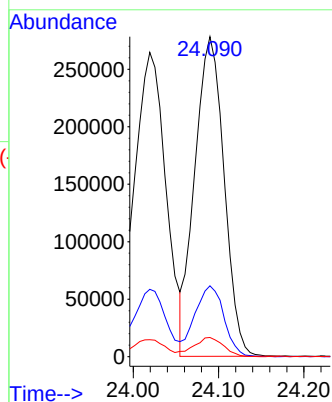
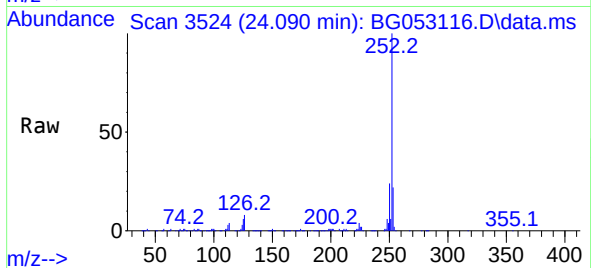
#89
Benzo(k)fluoranthene
Concen: 41.424 ng
RT: 24.090 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Tgt Ion:252 Resp: 662390
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 6.0 5.0 7.4

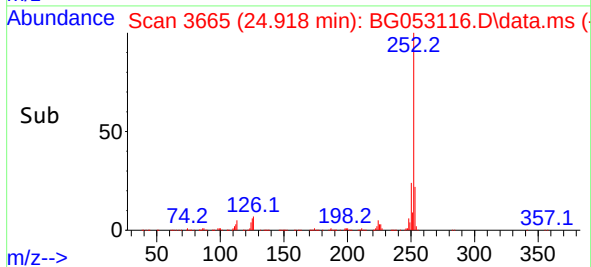
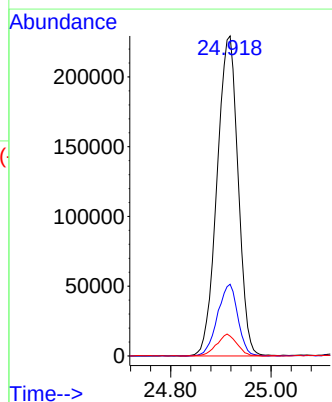
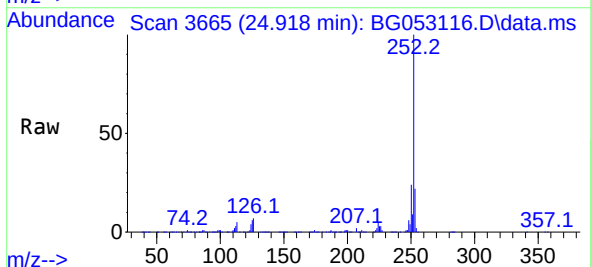
Manual Integrations
APPROVED

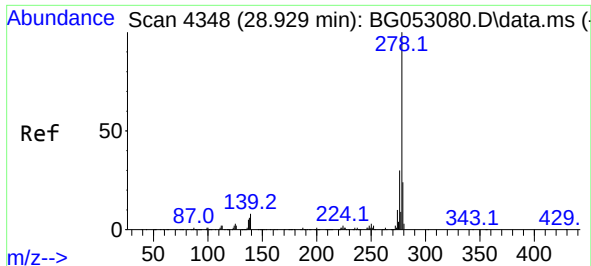
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#90
Benzo(a)pyrene
Concen: 48.156 ng
RT: 24.918 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

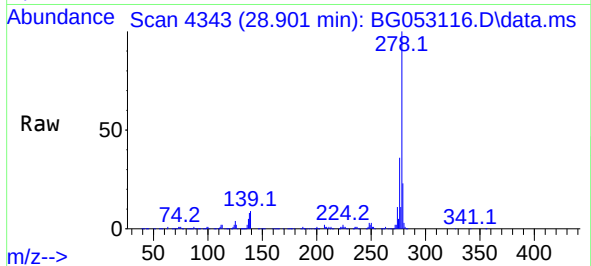
Tgt Ion:252 Resp: 667475
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 6.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 41.851 ng
RT: 28.901 min Scan# 41
Delta R.T. -0.028 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25

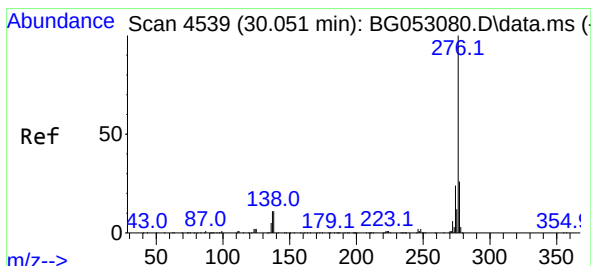
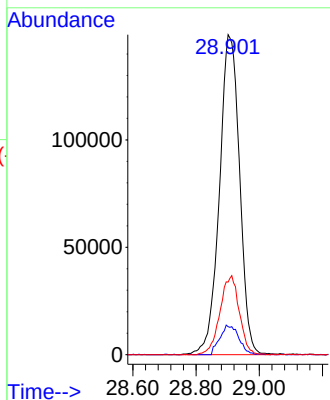
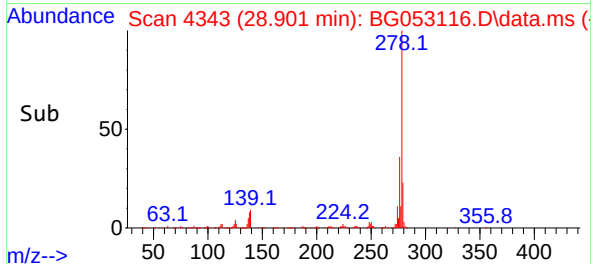
Instrument :
BNA_G
ClientSampleId :
PB144020BS



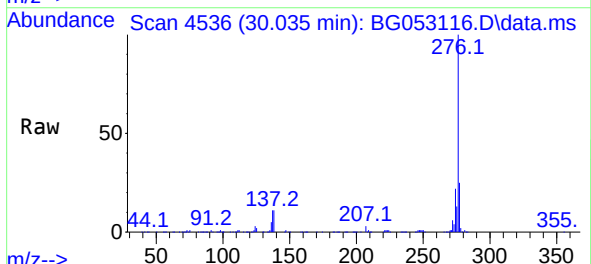
Tgt Ion:278 Resp: 65991
Ion Ratio Lower Upper
278 100
139 8.7 7.8 11.6
279 22.7 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.580 ng
RT: 30.035 min Scan# 4536
Delta R.T. -0.016 min
Lab File: BG053116.D
Acq: 12 Apr 2022 12:25



Tgt Ion:276 Resp: 646223
Ion Ratio Lower Upper
276 100
277 25.0 18.2 27.2
138 11.0 9.1 13.7

