

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053315.D
 Acq On : 26 Apr 2022 11:19
 Operator : CG/JU
 Sample : PB144297BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144297BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:36:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	28870	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	123686	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	96436	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	231405	20.000	ng	0.00
76) Chrysene-d12	21.763	240	226104	20.000	ng	0.00
86) Perylene-d12	25.052	264	222387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	231463	137.433	ng	0.00
7) Phenol-d6	7.271	99	340072	130.939	ng	0.00
23) Nitrobenzene-d5	9.268	82	232684	76.385	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	180411	117.588	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	530699	75.883	ng	0.00
79) Terphenyl-d14	20.077	244	1072866	80.139	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	22034	27.395	ng	90
3) Pyridine	3.946	79	60134	28.348	ng	# 90
4) n-Nitrosodimethylamine	3.858	42	41370	39.382	ng	87
6) Aniline	7.423	93	107952	35.865	ng	97
8) 2-Chlorophenol	7.676	128	85647	47.105	ng	99
9) Benzaldehyde	7.235	77	44416m	28.610	ng	
10) Phenol	7.300	94	119887	46.374	ng	89
11) bis(2-Chloroethyl)ether	7.517	93	82078	44.043	ng	90
12) 1,3-Dichlorobenzene	7.993	146	86173	40.786	ng	95
13) 1,4-Dichlorobenzene	8.140	146	87563	40.652	ng	94
14) 1,2-Dichlorobenzene	8.463	146	85331	41.081	ng	95
15) Benzyl Alcohol	8.340	79	100229m	43.417	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	128117	41.178	ng	98
17) 2-Methylphenol	8.551	107	81467	46.568	ng	96
18) Hexachloroethane	9.192	117	33322	41.254	ng	97
19) n-Nitroso-di-n-propyla...	8.910	70	79212	41.659	ng	93
20) 3+4-Methylphenols	8.880	107	113528	45.970	ng	94
22) Acetophenone	8.927	105	138478	40.356	ng	96
24) Nitrobenzene	9.309	77	122103	41.210	ng	91
25) Isophorone	9.832	82	220190	42.527	ng	96
26) 2-Nitrophenol	10.026	139	49564	40.004	ng	# 88
27) 2,4-Dimethylphenol	10.084	122	88624	49.945	ng	90
28) bis(2-Chloroethoxy)met...	10.314	93	115360	39.659	ng	99
29) 2,4-Dichlorophenol	10.572	162	95170	42.663	ng	94
30) 1,2,4-Trichlorobenzene	10.784	180	99189	39.287	ng	99
31) Naphthalene	10.971	128	268734	40.724	ng	99
32) Benzoic acid	10.249	122	45901m	40.371	ng	
33) 4-Chloroaniline	11.071	127	75279	26.639	ng	95
34) Hexachlorobutadiene	11.253	225	72575	38.698	ng	97
35) Caprolactam	11.841	113	31921m	40.597	ng	
36) 4-Chloro-3-methylphenol	12.193	107	109435	42.139	ng	93
37) 2-Methylnaphthalene	12.569	142	196136	40.168	ng	95
38) 1-Methylnaphthalene	12.787	142	187992	39.443	ng	96
40) 1,2,4,5-Tetrachloroben...	12.934	216	125576	38.340	ng	98
41) Hexachlorocyclopentadiene	12.916	237	134472	79.533	ng	93
43) 2,4,6-Trichlorophenol	13.174	196	87298	38.658	ng	99

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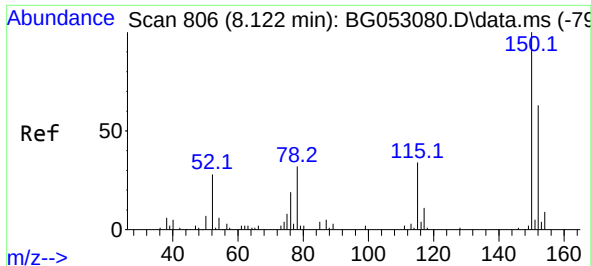
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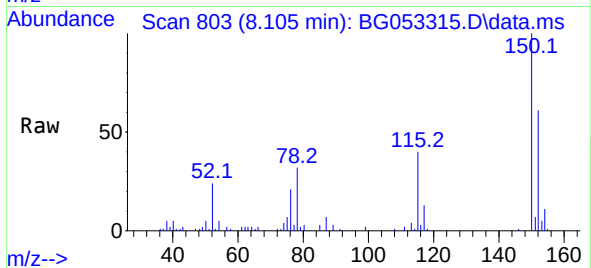
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	93710	38.942	ng	96
46) 1,1'-Biphenyl	13.568	154	271442	39.086	ng	100
47) 2-Chloronaphthalene	13.615	162	216881	39.144	ng	97
48) 2-Nitroaniline	13.809	65	82917	39.434	ng	90
49) Acenaphthylene	14.455	152	362762	41.825	ng	98
50) Dimethylphthalate	14.179	163	297197	38.530	ng	100
51) 2,6-Dinitrotoluene	14.302	165	63981	39.761	ng	87
52) Acenaphthene	14.796	154	262962m	44.708	ng	
53) 3-Nitroaniline	14.631	138	50061	29.421	ng	# 87
54) 2,4-Dinitrophenol	14.843	184	81879	79.970	ng	# 88
55) Dibenzofuran	15.131	168	350348	38.040	ng	96
56) 4-Nitrophenol	14.948	139	104410	80.458	ng	# 83
57) 2,4-Dinitrotoluene	15.089	165	93134	40.654	ng	# 84
58) Fluorene	15.777	166	287225	38.613	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	88878	38.032	ng	100
60) Diethylphthalate	15.536	149	304653	37.697	ng	99
61) 4-Chlorophenyl-phenyle...	15.765	204	158724	37.641	ng	97
62) 4-Nitroaniline	15.794	138	69190	38.536	ng	# 84
63) Azobenzene	16.059	77	305901	37.543	ng	99
65) 4,6-Dinitro-2-methylph...	15.859	198	59479	36.842	ng	95
66) n-Nitrosodiphenylamine	15.976	169	262104	39.388	ng	98
67) 4-Bromophenyl-phenylether	16.658	248	116368	39.246	ng	98
68) Hexachlorobenzene	16.787	284	125873	39.200	ng	95
69) Atrazine	16.922	200	113229	43.560	ng	97
70) Pentachlorophenol	17.134	266	141233	80.478	ng	94
71) Phenanthrene	17.521	178	498209	39.416	ng	98
72) Anthracene	17.610	178	501510	40.050	ng	99
73) Carbazole	17.874	167	469321	38.557	ng	100
74) Di-n-butylphthalate	18.426	149	547573	39.665	ng	98
75) Fluoranthene	19.525	202	651542	40.214	ng	100
77) Benzidine	19.695	184	235178	36.455	ng	99
78) Pyrene	19.889	202	642556	39.903	ng	99
80) Butylbenzylphthalate	20.758	149	234675	39.090	ng	97
81) Benzo(a)anthracene	21.739	228	613609	39.692	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	159488	28.052	ng	98
83) Chrysene	21.810	228	566171	39.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	322379	39.726	ng	100
85) Di-n-octyl phthalate	22.861	149	536084	39.500	ng	96
87) Indeno(1,2,3-cd)pyrene	28.836	276	656825	39.754	ng	# 97
88) Benzo(b)fluoranthene	24.007	252	610245	43.492	ng	99
89) Benzo(k)fluoranthene	24.077	252	589545	42.751	ng	97
90) Benzo(a)pyrene	24.906	252	580961	48.602	ng	99
91) Dibenzo(a,h)anthracene	28.894	278	573529	42.176	ng	99
92) Benzo(g,h,i)perylene	30.016	276	573732	42.806	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

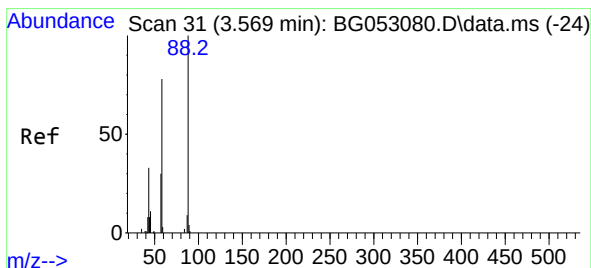
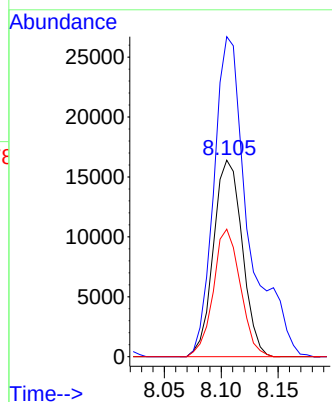
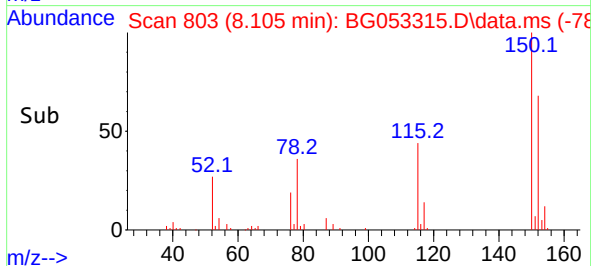
Instrument :
BNA_G
ClientSampleId :
PB144297BS



Tgt Ion:152 Resp: 28870
Ion Ratio Lower Upper
152 100
150 162.8 114.6 172.0
115 64.9 45.9 68.9

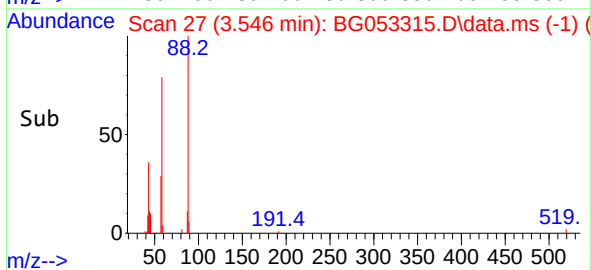
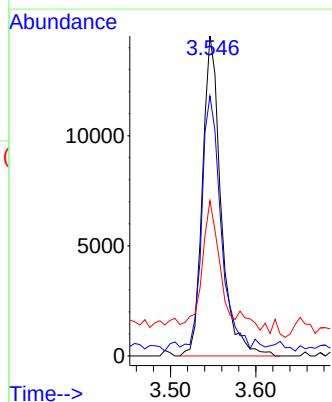
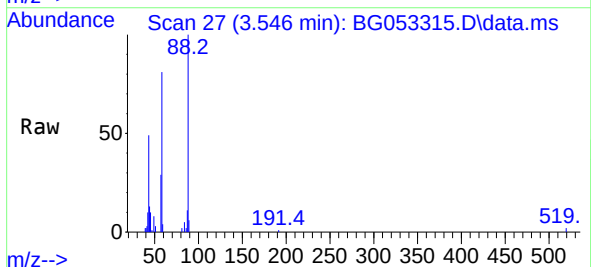
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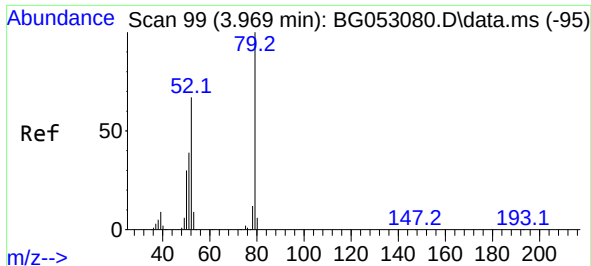
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#2
1,4-Dioxane
Concen: 27.395 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 88 Resp: 22034
Ion Ratio Lower Upper
88 100
58 81.4 58.2 87.2
43 33.6 23.4 35.0





#3
Pyridine
Concen: 28.348 ng
RT: 3.946 min Scan# 90
Delta R.T. -0.015 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

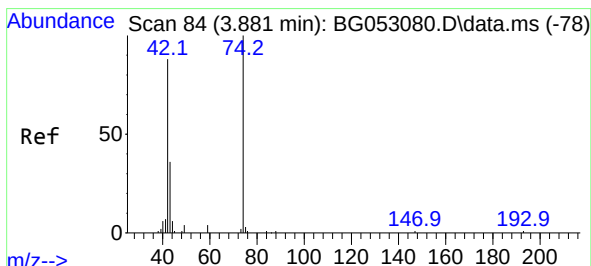
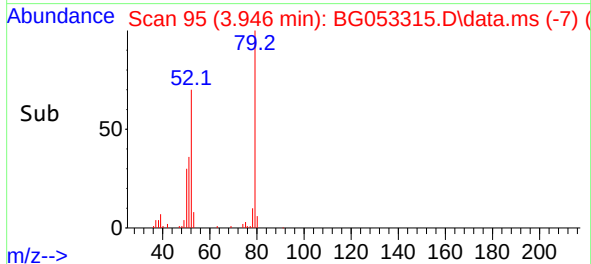
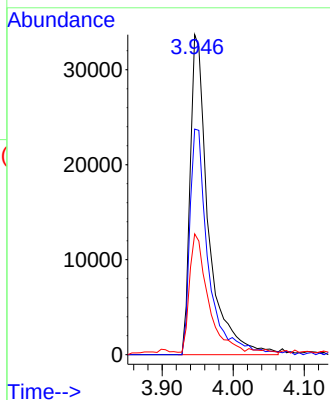
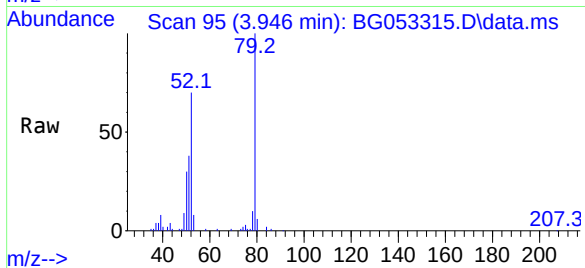
PB144297BS

Tgt Ion: 79 Resp: 60134
Ion Ratio Lower Upper
79 100
52 70.5 50.9 76.3
51 37.8 24.4 36.6

Manual Integrations

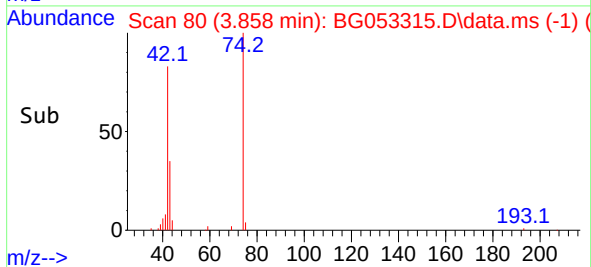
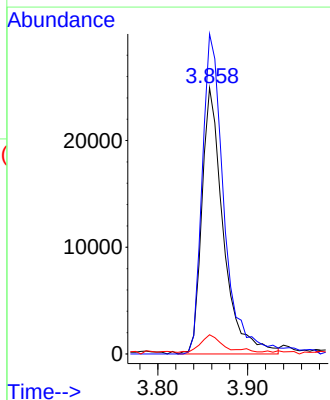
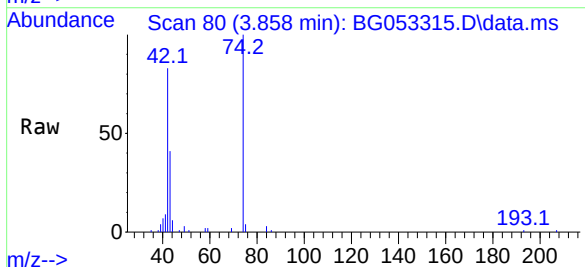
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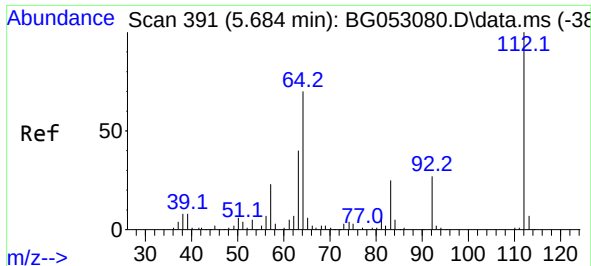
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#4
n-Nitrosodimethylamine
Concen: 39.382 ng
RT: 3.858 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 42 Resp: 41370
Ion Ratio Lower Upper
42 100
74 120.3 108.9 163.3
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 137.433 ng
RT: 5.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

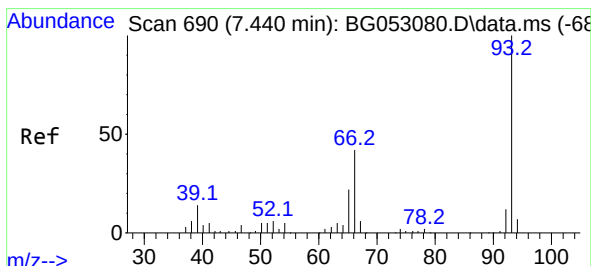
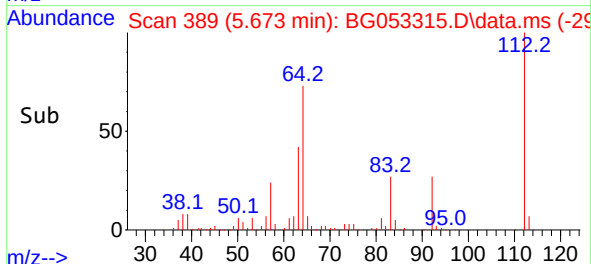
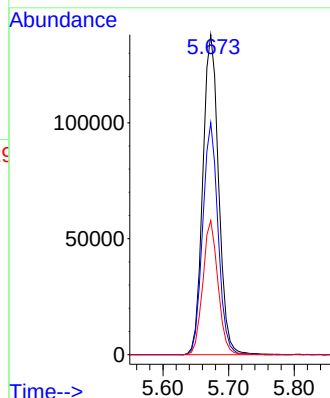
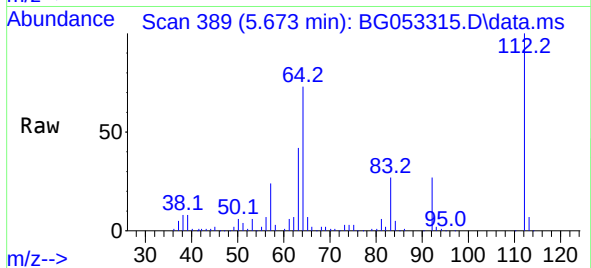
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Tgt Ion:112 Resp: 23146
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0
63 41.9 26.5 39.7

Manual Integrations

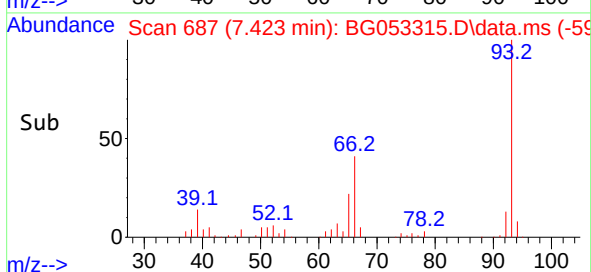
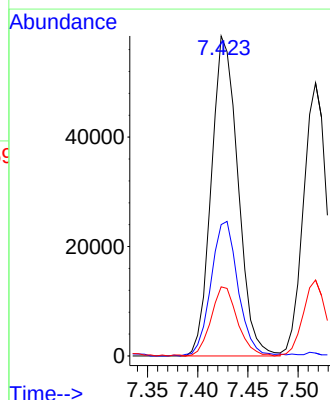
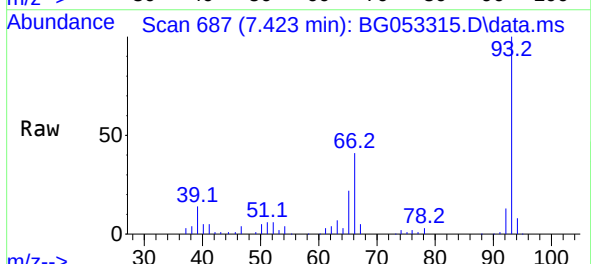
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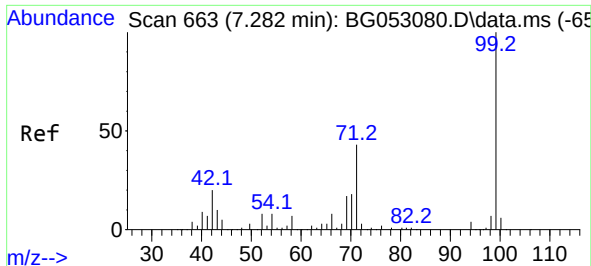
Reviewed By :Christian Giraldo 04/27/2022
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#6
Aniline
Concen: 35.865 ng
RT: 7.423 min Scan# 687
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

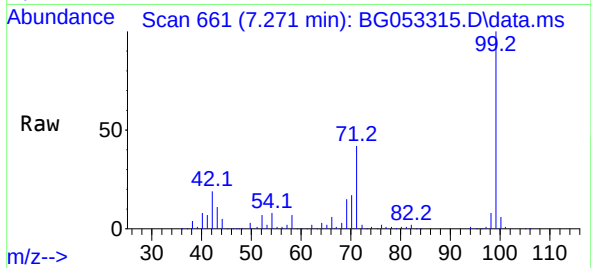
Tgt Ion: 93 Resp: 107952
Ion Ratio Lower Upper
93 100
66 41.0 31.3 46.9
65 21.6 16.7 25.1





#7
Phenol-d6
Concen: 130.939 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

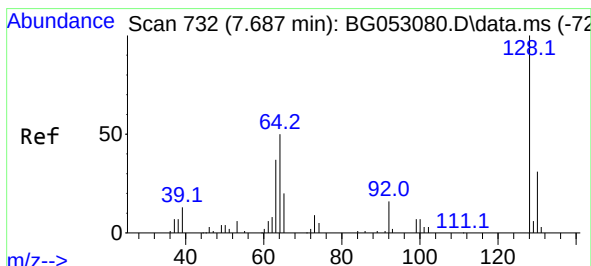
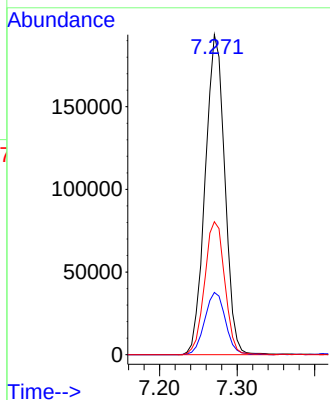
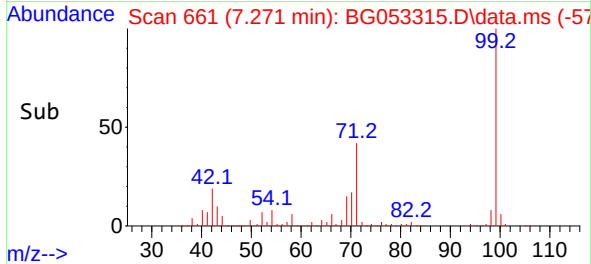
Instrument :
BNA_G
ClientSampleId :
PB144297BS



Tgt Ion: 99 Resp: 340072
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 41.6 29.2 43.8

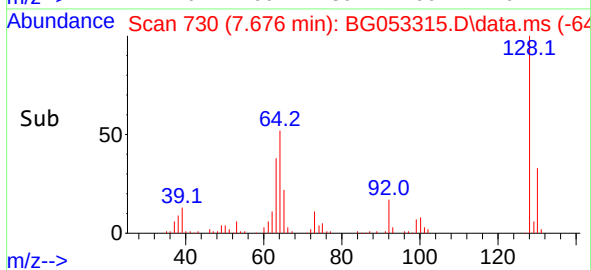
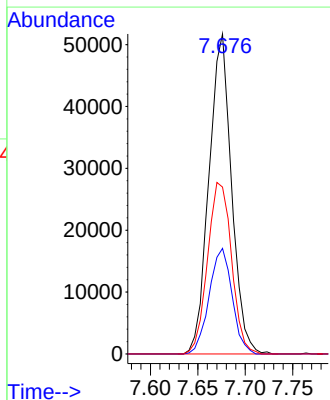
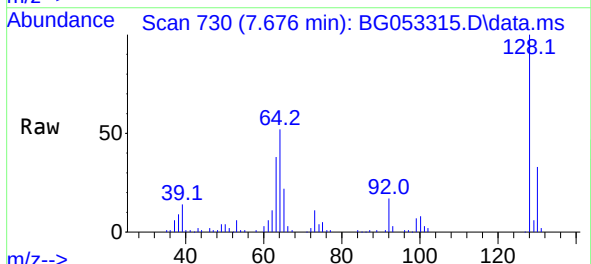
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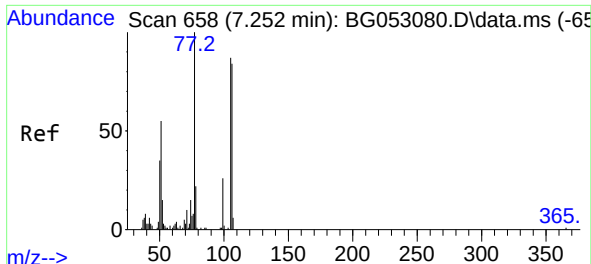
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#8
2-Chlorophenol
Concen: 47.105 ng
RT: 7.676 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:128 Resp: 85647
Ion Ratio Lower Upper
128 100
130 33.0 13.4 53.4
64 52.1 30.9 70.9





#9
Benzaldehyde
Concen: 28.610 ng m
RT: 7.235 min Scan# 658
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

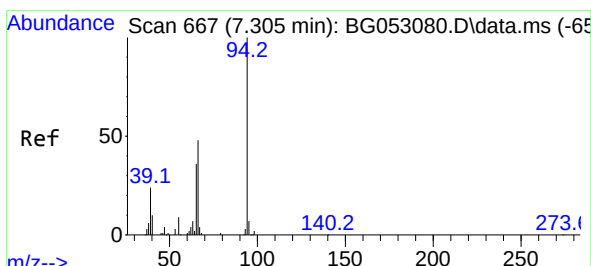
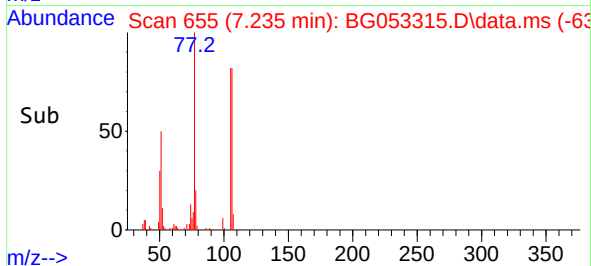
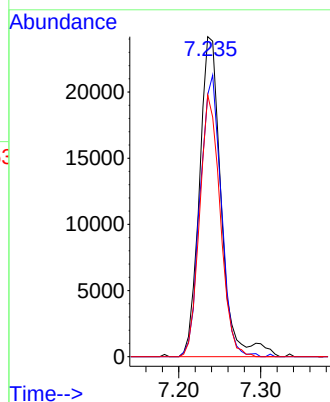
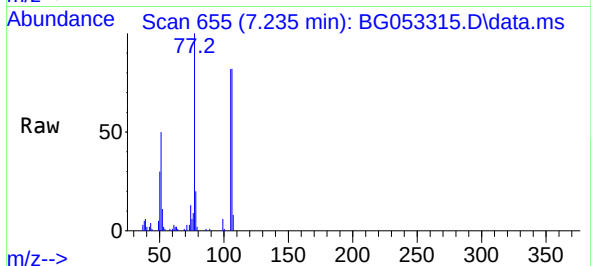
PB144297BS

Tgt Ion: 77 Resp: 44410
Ion Ratio Lower Upper
77 100
105 81.9 70.6 110.6
106 81.7 67.6 107.6

Manual Integrations

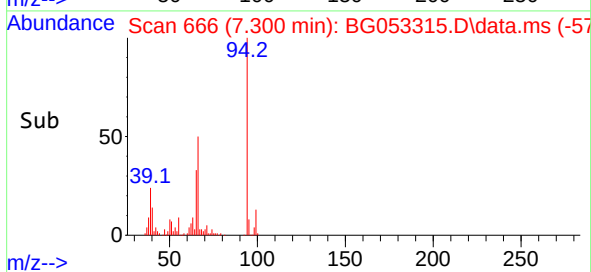
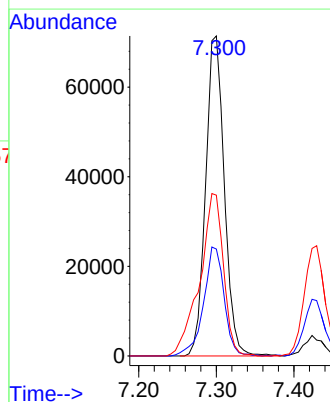
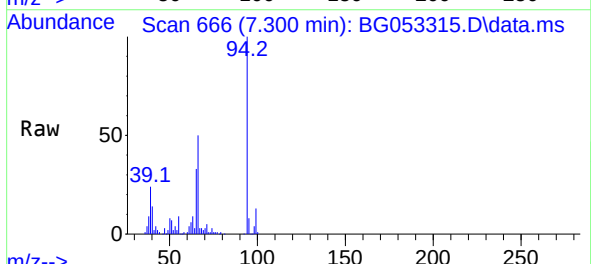
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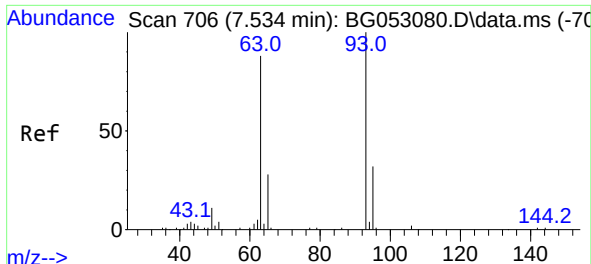
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#10
Phenol
Concen: 46.374 ng
RT: 7.300 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 94 Resp: 119887
Ion Ratio Lower Upper
94 100
65 33.4 11.1 51.1
66 50.3 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 44.043 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

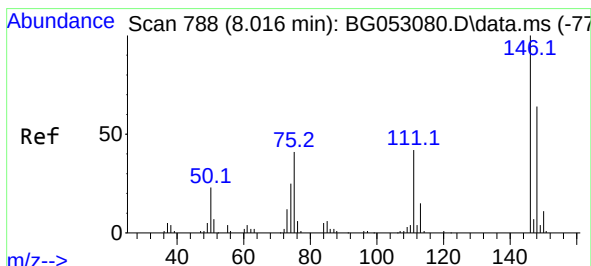
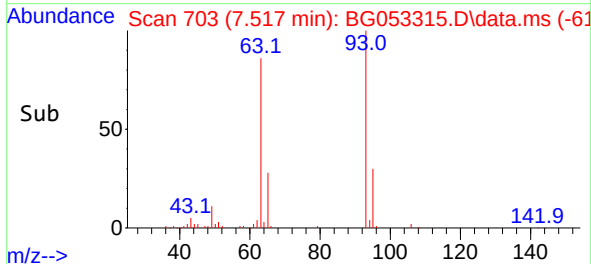
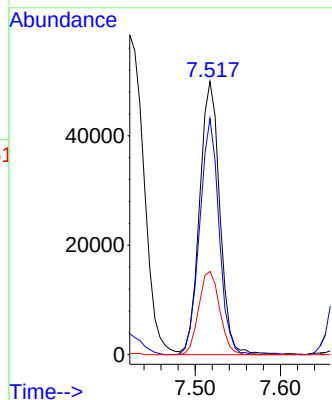
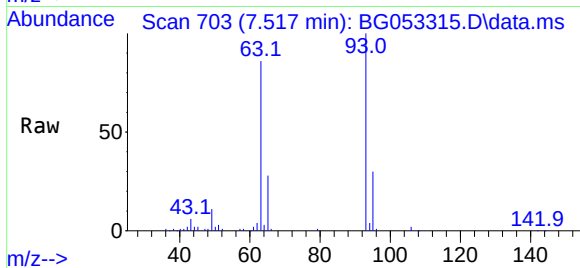
PB144297BS

Tgt Ion: 93 Resp: 82078
Ion Ratio Lower Upper
93 100
63 86.5 56.9 96.9
95 30.5 14.5 54.5

Manual Integrations

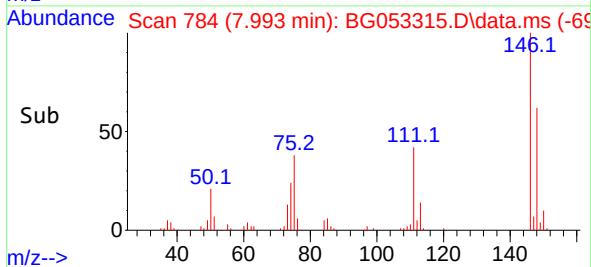
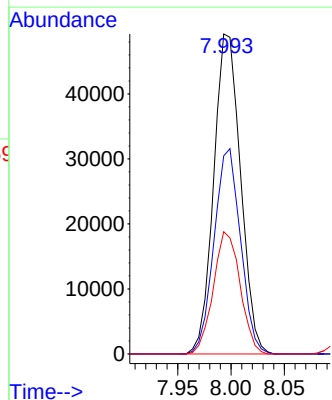
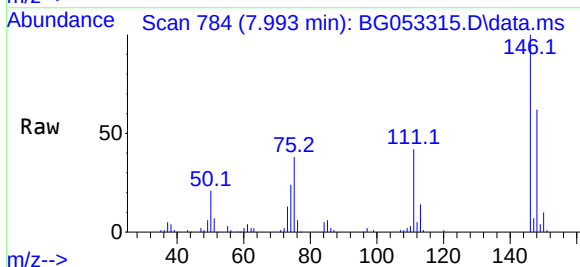
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

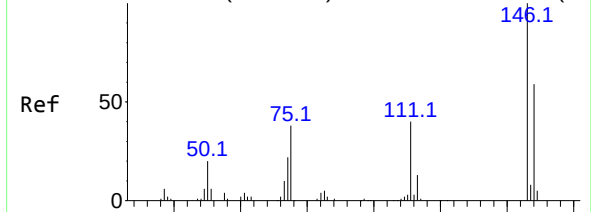


#12
1,3-Dichlorobenzene
Concen: 40.786 ng
RT: 7.993 min Scan# 784
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:146 Resp: 86173
Ion Ratio Lower Upper
146 100
148 61.9 50.6 76.0
75 38.2 25.9 38.9

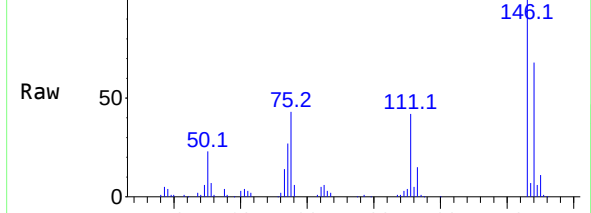


Abundance Scan 812 (8.157 min): BG053080.D\data.ms (-80



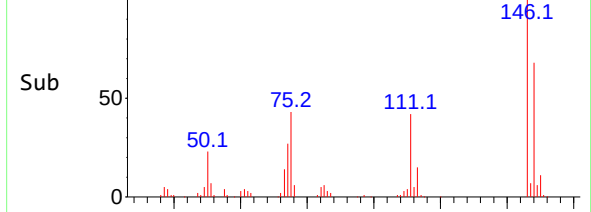
m/z-->

Abundance Scan 809 (8.140 min): BG053315.D\data.ms



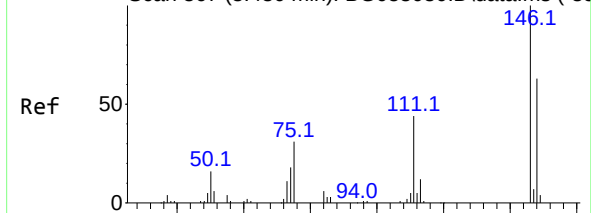
m/z-->

Abundance Scan 809 (8.140 min): BG053315.D\data.ms (-72



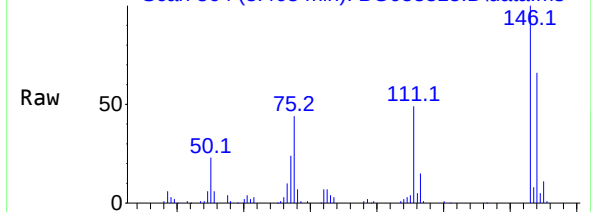
m/z-->

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



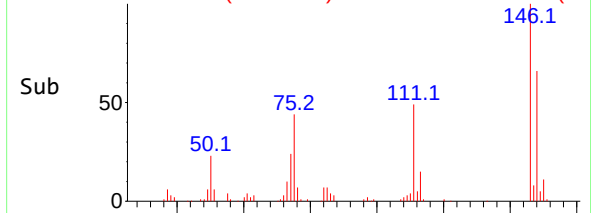
m/z-->

Abundance Scan 864 (8.463 min): BG053315.D\data.ms



m/z-->

Abundance Scan 864 (8.463 min): BG053315.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 40.652 ng

RT: 8.140 min Scan# 809

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Tgt Ion:146 Resp: 8756

Ion Ratio Lower Upper

146 100

148 67.8 50.0 75.0

111 42.3 31.0 46.4

Instrument :

BNA_G

ClientSampleId :

PB144297BS

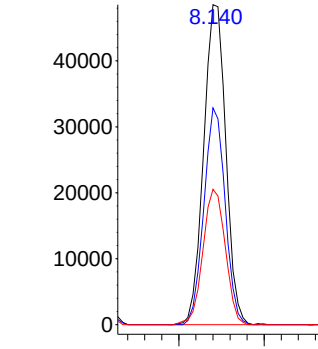
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 41.081 ng

RT: 8.463 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Tgt Ion:146 Resp: 85331

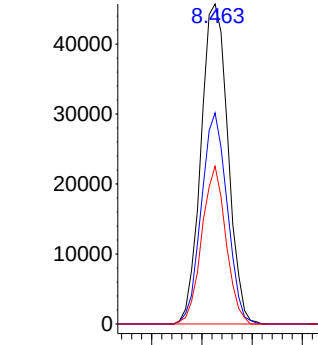
Ion Ratio Lower Upper

146 100

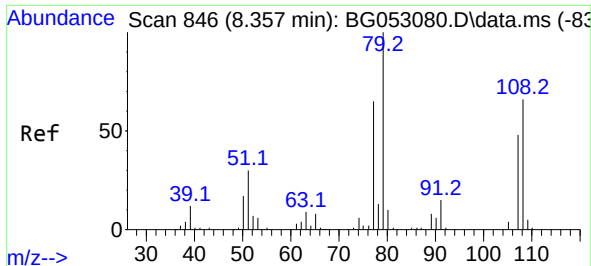
148 65.9 51.0 76.6

111 49.3 34.7 52.1

Abundance



Time-->



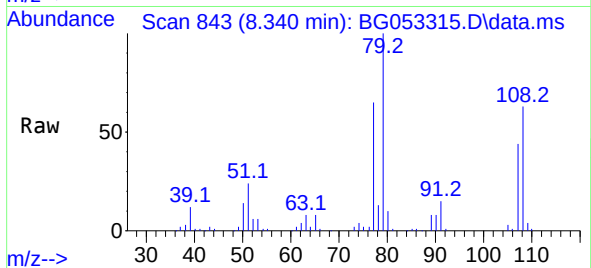
#15
Benzyl Alcohol
Concen: 43.417 ng m
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

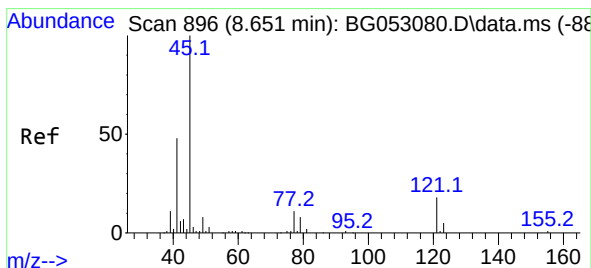
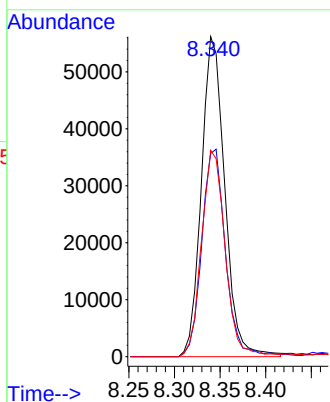
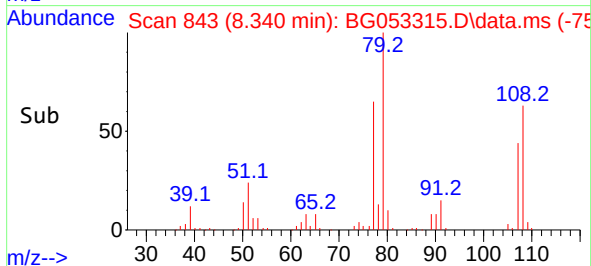


Tgt Ion: 79 Resp: 100229
Ion Ratio Lower Upper
79 100
108 63.5 55.1 82.7
77 64.5 52.4 78.6

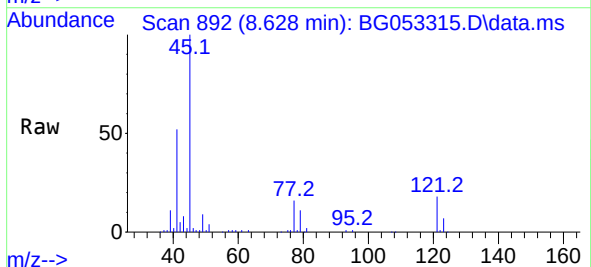
Manual Integrations

APPROVED

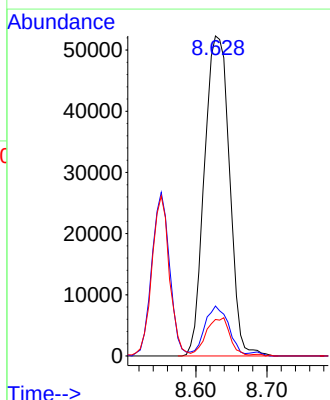
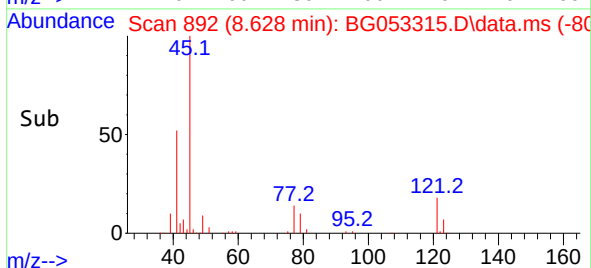
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

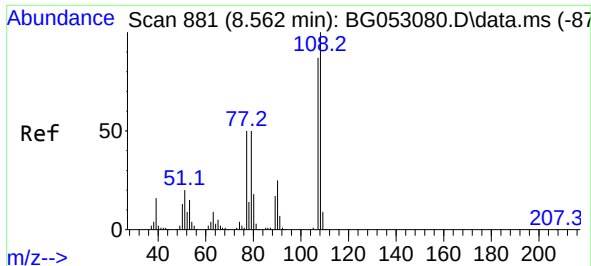


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.178 ng
RT: 8.628 min Scan# 892
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion: 45 Resp: 128117
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.9
79 11.4 0.0 30.7





#17
2-Methylphenol
Concen: 46.568 ng
RT: 8.551 min Scan# 8146
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

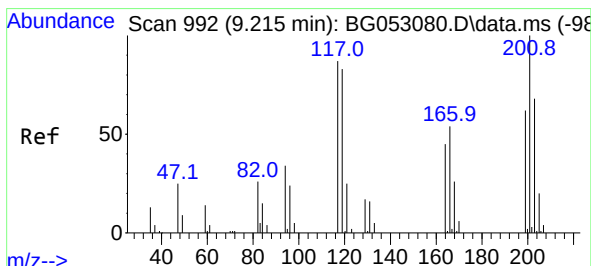
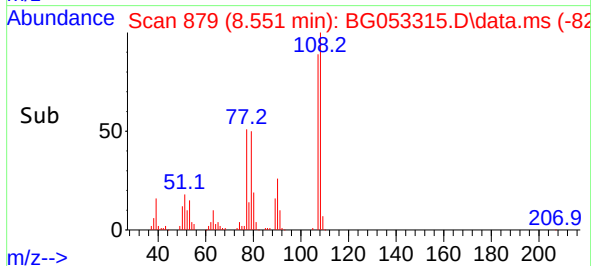
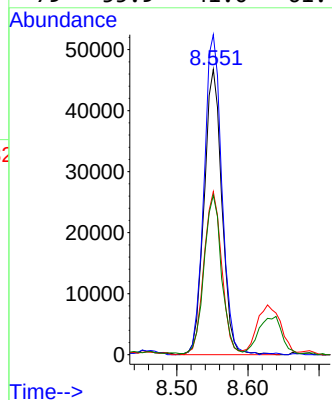
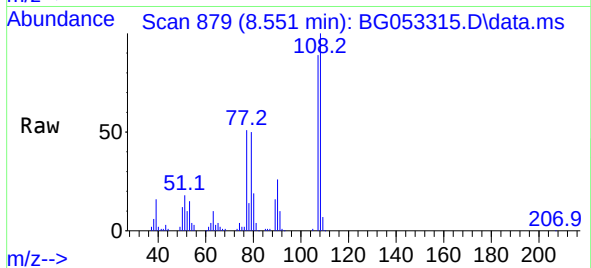
PB144297BS

Tgt Ion:107 Resp: 8146
Ion Ratio Lower Upper
107 100
108 112.2 91.5 137.3
77 57.2 42.5 63.7
79 55.9 41.0 61.4

Manual Integrations

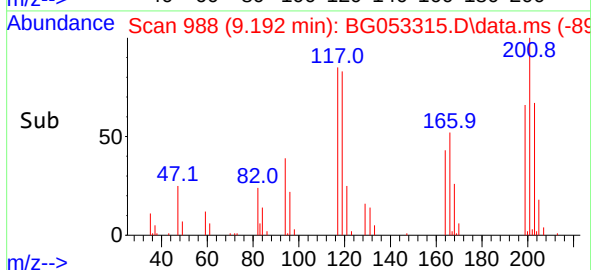
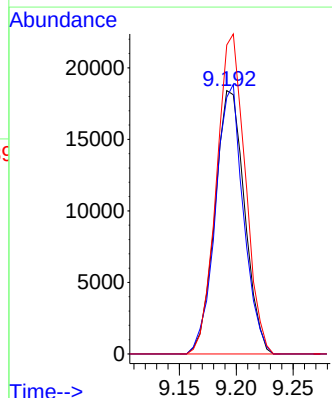
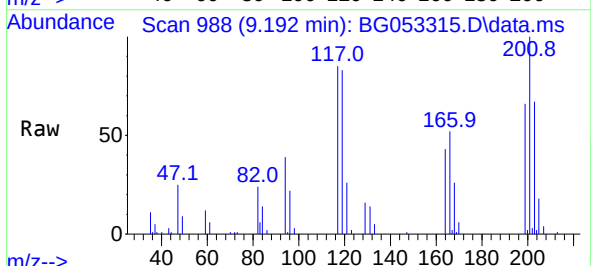
APPROVED

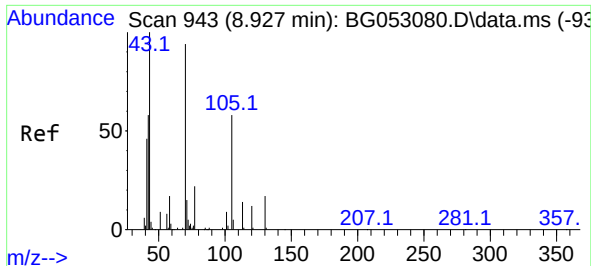
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#18
Hexachloroethane
Concen: 41.254 ng
RT: 9.192 min Scan# 988
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

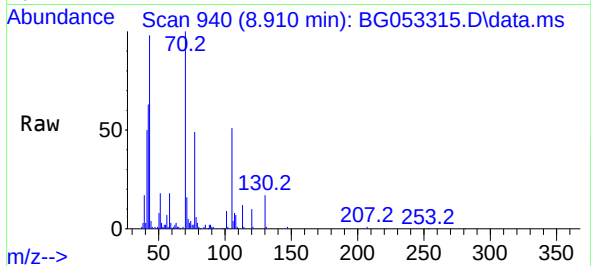
Tgt Ion:117 Resp: 33322
Ion Ratio Lower Upper
117 100
119 97.5 75.1 112.7
201 117.3 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.659 ng
RT: 8.910 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

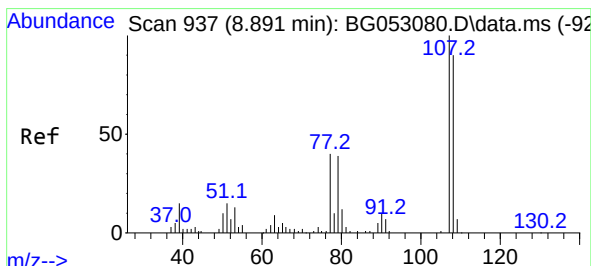
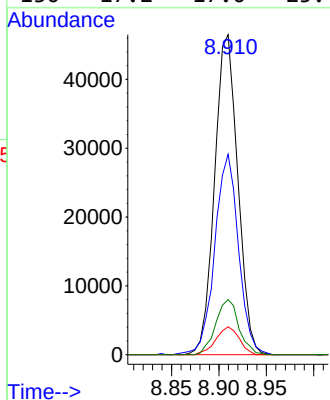
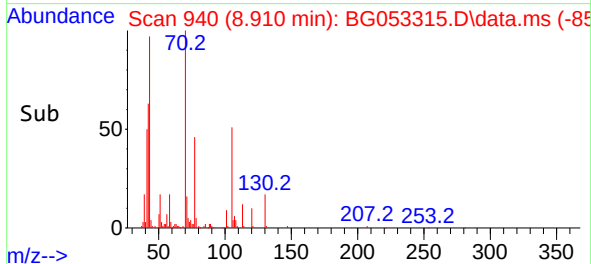
Instrument :
BNA_G
ClientSampleId :
PB144297BS



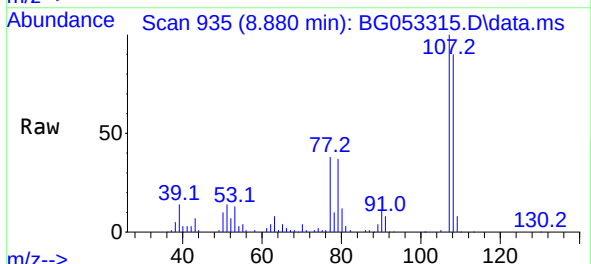
Tgt Ion: 70 Resp: 7921
Ion Ratio Lower Upper
70 100
42 62.6 46.0 69.0
101 8.7 6.2 9.4
130 17.2 17.0 25.4

Manual Integrations
APPROVED

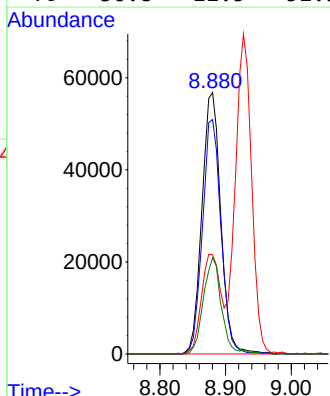
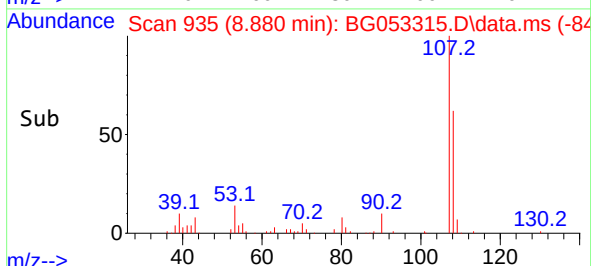
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

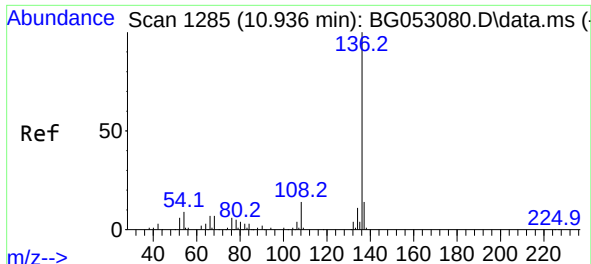


#20
3+4-Methylphenols
Concen: 45.970 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:107 Resp: 113528
Ion Ratio Lower Upper
107 100
108 89.7 64.8 104.8
77 38.0 15.9 55.9
79 36.8 11.5 51.5





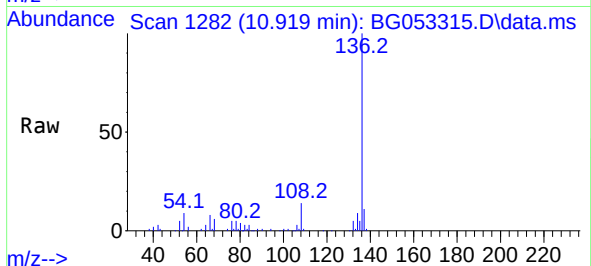
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

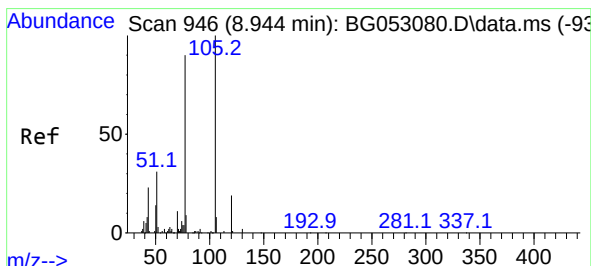
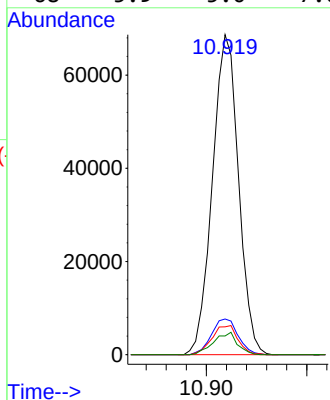
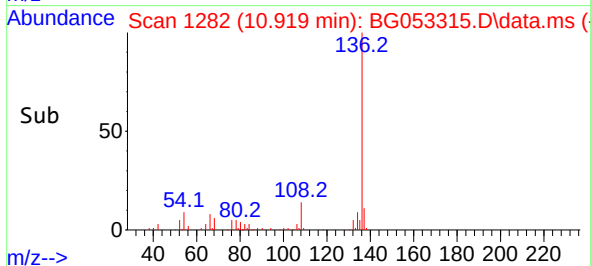


Tgt Ion:	136	Resp:	123680
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	8.7	6.4	9.6
68	5.9	5.0	7.6

Manual Integrations

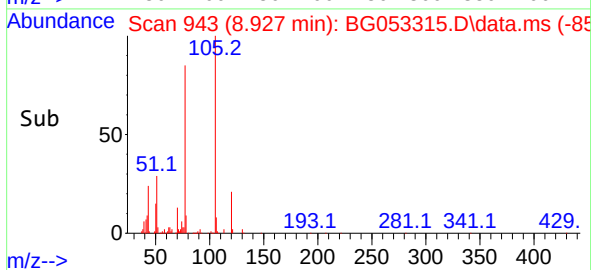
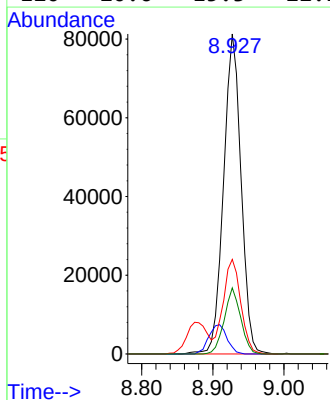
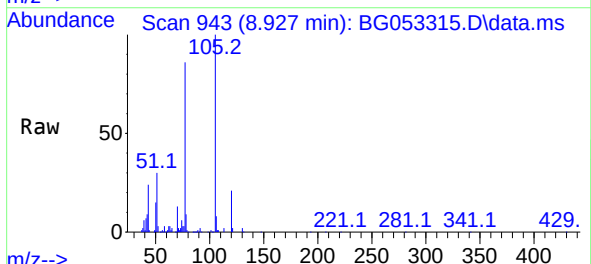
APPROVED

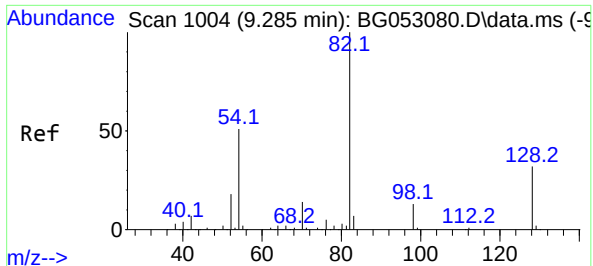
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#22
Acetophenone
Concen: 40.356 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:	105	Resp:	138478
Ion Ratio	Lower	Upper	
105	100		
71	2.2	2.1	3.1
51	29.6	21.9	32.9
120	20.6	15.3	22.9





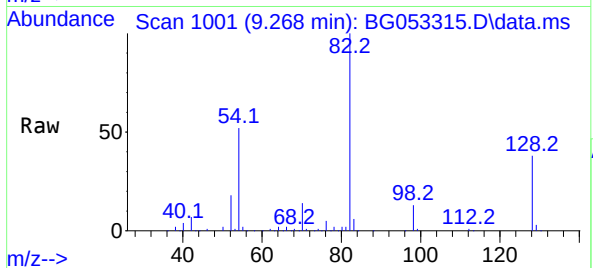
#23
Nitrobenzene-d5
Concen: 76.385 ng
RT: 9.268 min Scan# 1004
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

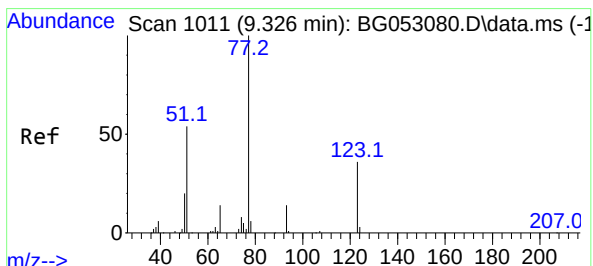
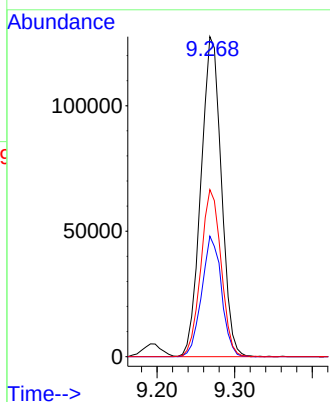
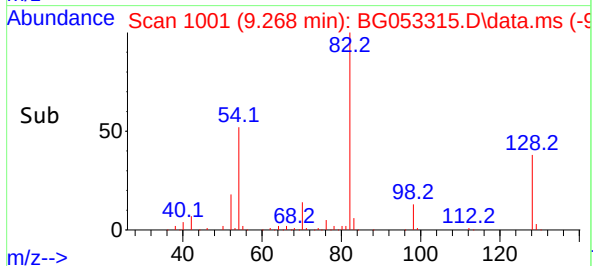


Tgt Ion: 82 Resp: 232684
Ion Ratio Lower Upper
82 100
128 37.7 31.3 46.9
54 52.2 37.8 56.8

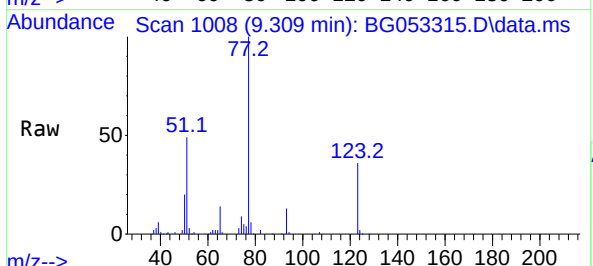
Manual Integrations

APPROVED

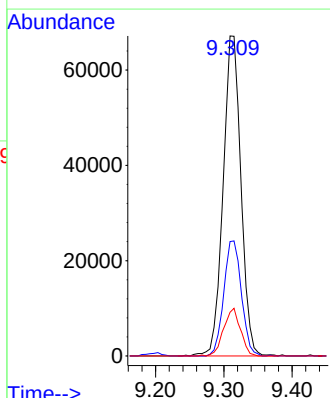
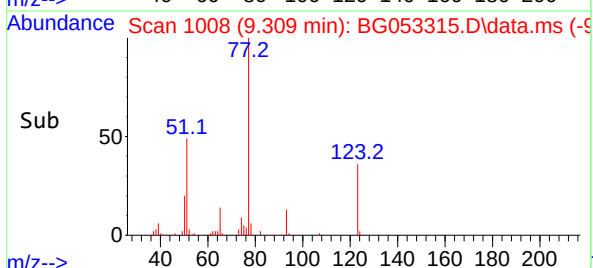
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

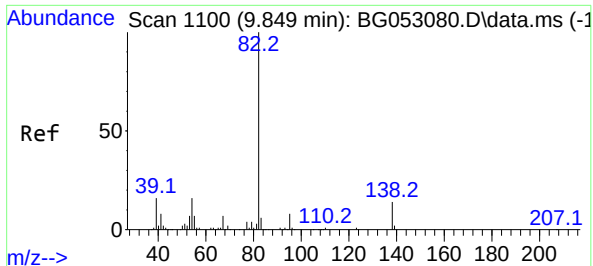


#24
Nitrobenzene
Concen: 41.210 ng
RT: 9.309 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion: 77 Resp: 122103
Ion Ratio Lower Upper
77 100
123 35.8 34.4 51.6
65 13.7 11.2 16.8





#25
Isophorone
Concen: 42.527 ng
RT: 9.832 min Scan# 1097
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

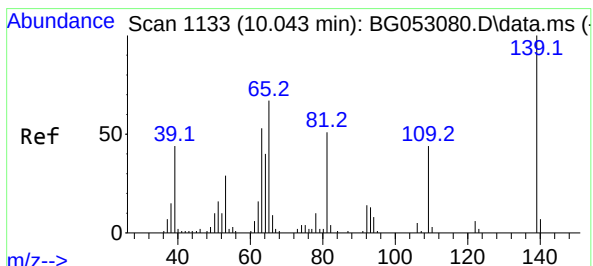
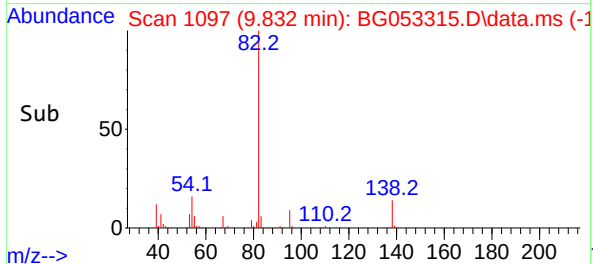
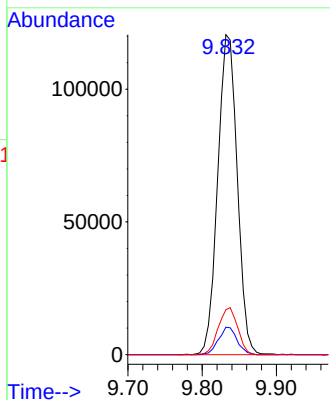
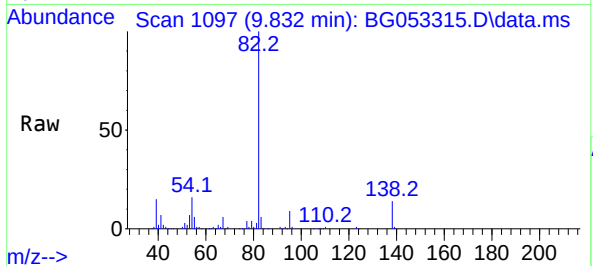
PB144297BS

Tgt Ion: 82 Resp: 220190
Ion Ratio Lower Upper
82 100
95 8.6 5.8 8.6
138 14.1 12.6 18.8

Manual Integrations

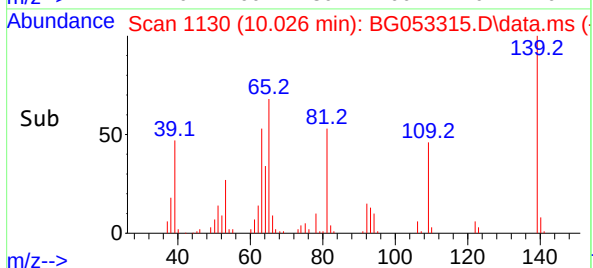
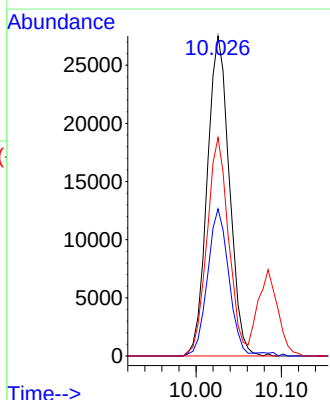
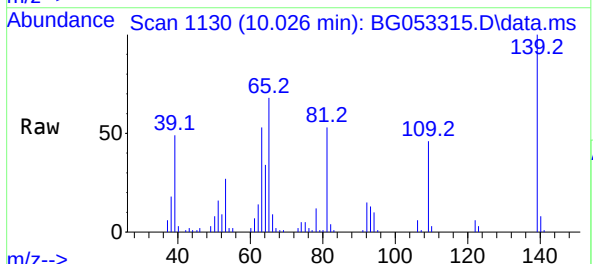
APPROVED

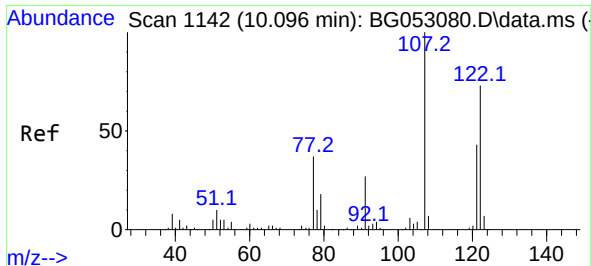
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#26
2-Nitrophenol
Concen: 40.004 ng
RT: 10.026 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:139 Resp: 49564
Ion Ratio Lower Upper
139 100
109 45.9 29.4 44.0#
65 68.2 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 49.945 ng

RT: 10.084 min Scan# 1142

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

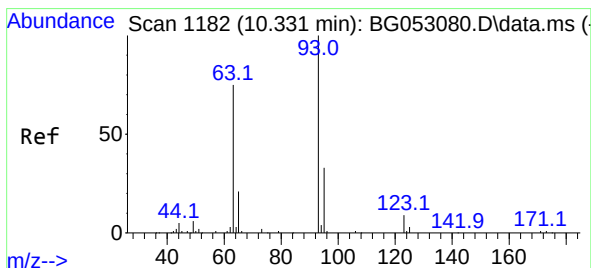
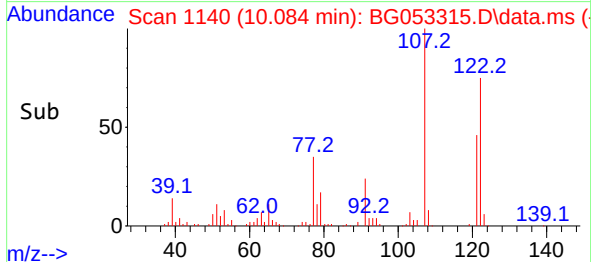
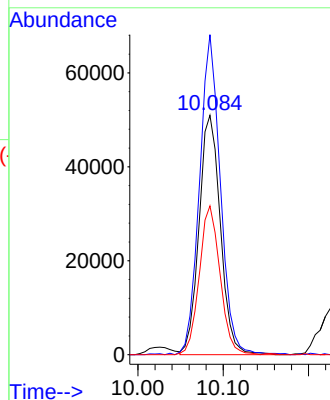
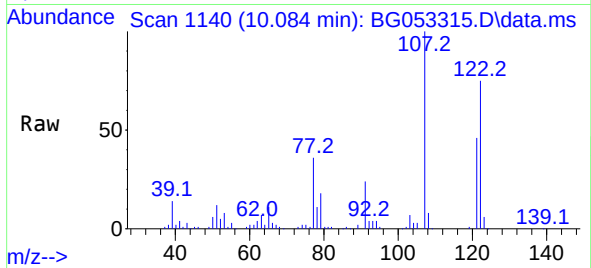
Tgt Ion:	122	Resp:	88624
Ion	Ratio	Lower	Upper
122	100		
107	133.7	96.7	145.1
121	62.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.659 ng

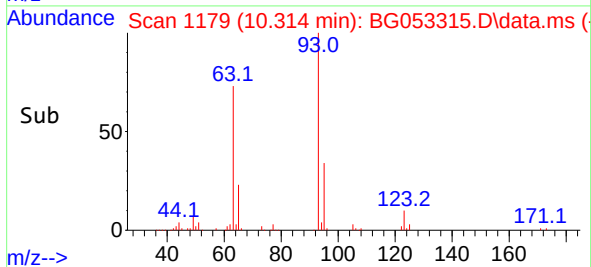
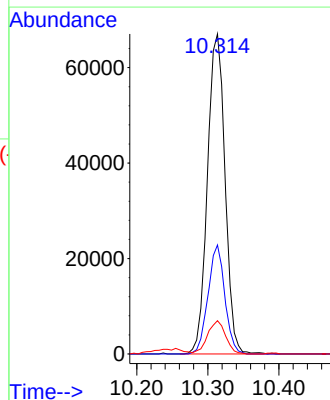
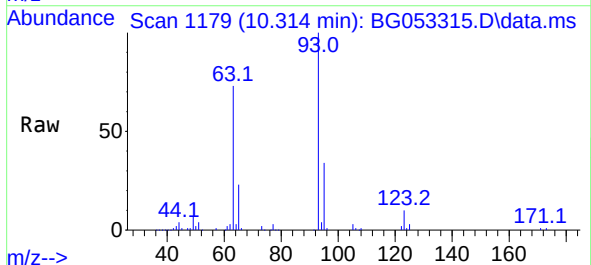
RT: 10.314 min Scan# 1179

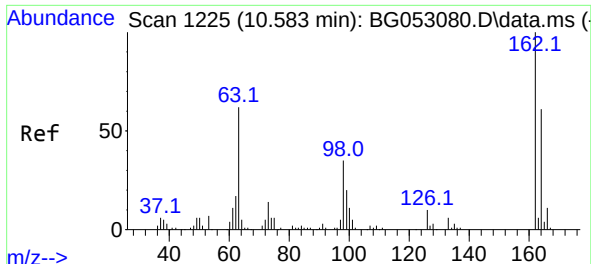
Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Tgt Ion:	93	Resp:	115360
Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	10.4	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 42.663 ng

RT: 10.572 min Scan# 1223

Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

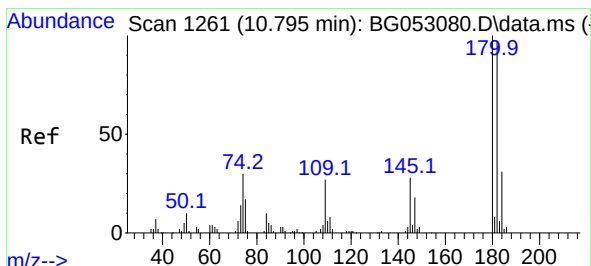
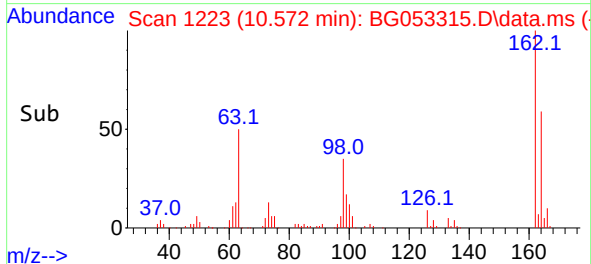
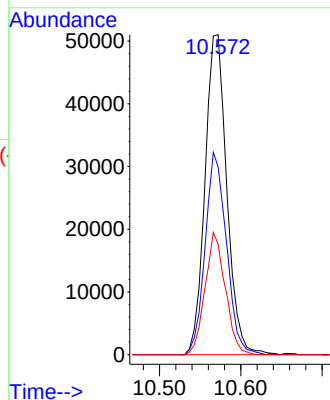
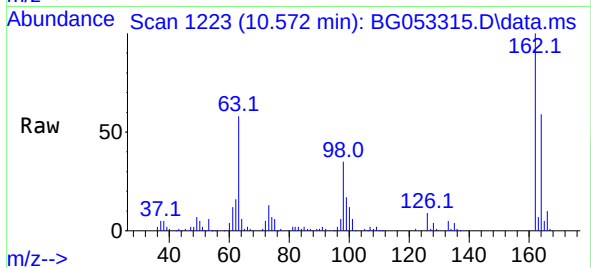
PB144297BS

Tgt Ion:	162	Resp:	95170
Ion Ratio	Lower	Upper	
162	100		
164	58.7	44.0	84.0
98	34.6	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.287 ng

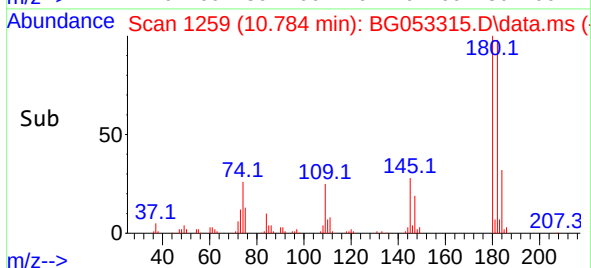
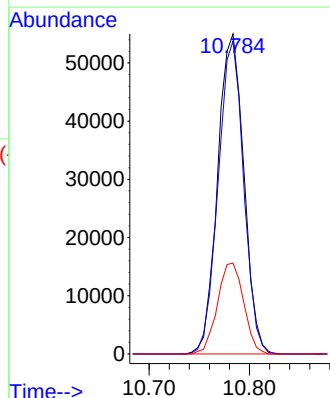
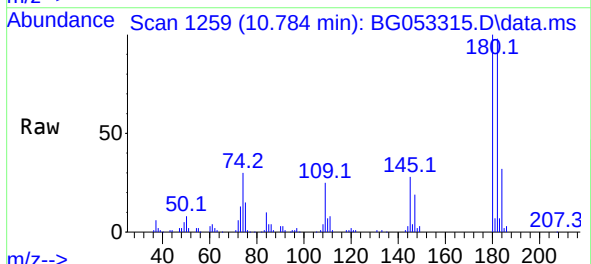
RT: 10.784 min Scan# 1259

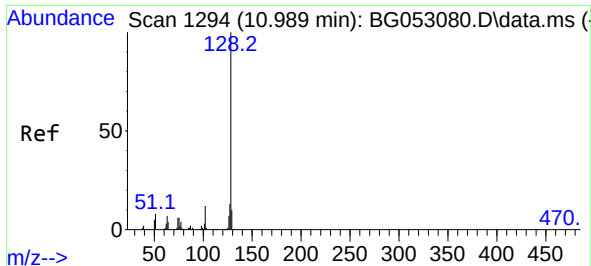
Delta R.T. -0.003 min

Lab File: BG053315.D

Acq: 26 Apr 2022 11:19

Tgt Ion:	180	Resp:	99189
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.8	116.6
145	28.4	24.4	36.6





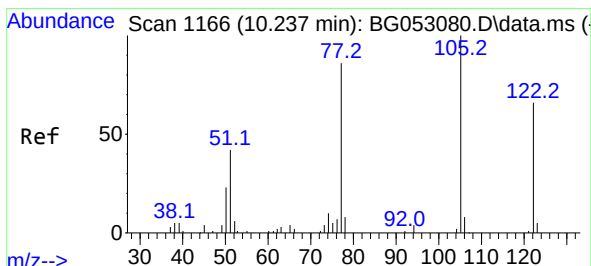
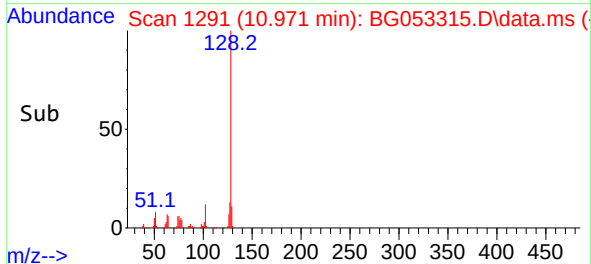
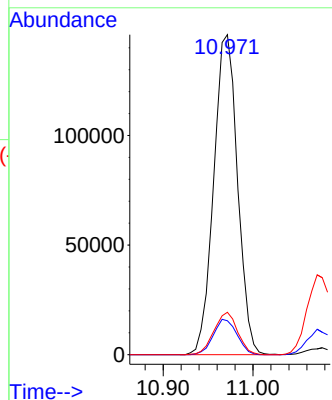
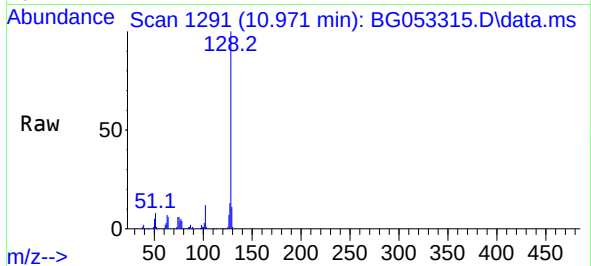
#31
Naphthalene
Concen: 40.724 ng
RT: 10.971 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB144297BS

Tgt Ion:128 Resp: 268734
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.3 10.5 15.7

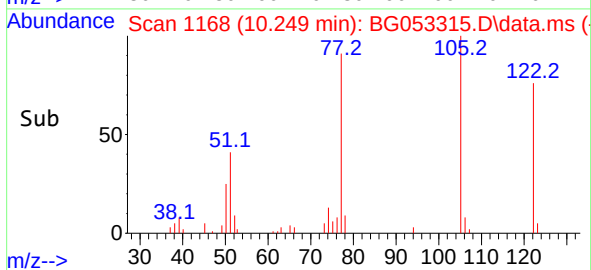
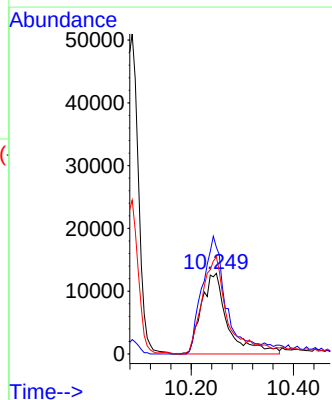
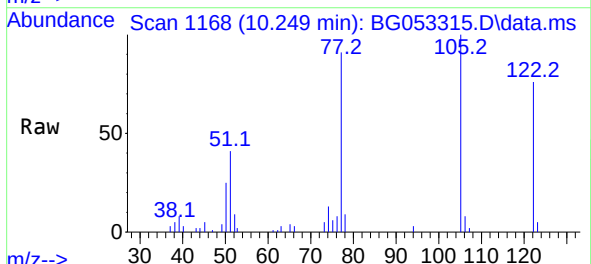
Manual Integrations
APPROVED

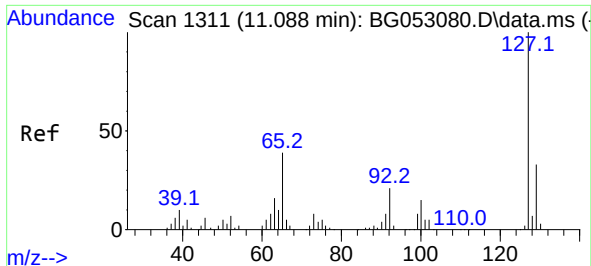
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#32
Benzoic acid
Concen: 40.371 ng m
RT: 10.249 min Scan# 1168
Delta R.T. 0.015 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:122 Resp: 45901
Ion Ratio Lower Upper
122 100
105 132.4 112.8 152.8
77 120.5 78.4 118.4#





#33
4-Chloroaniline
Concen: 26.639 ng
RT: 11.071 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

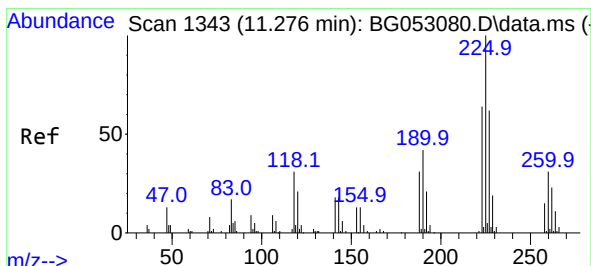
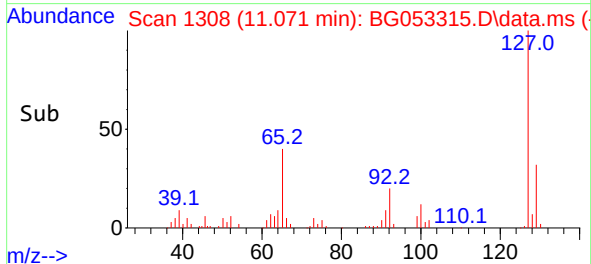
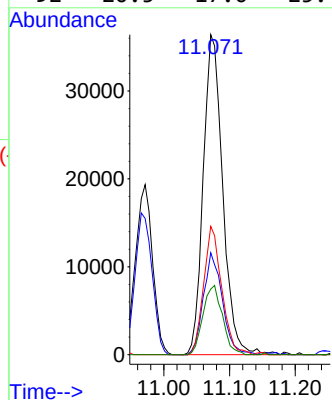
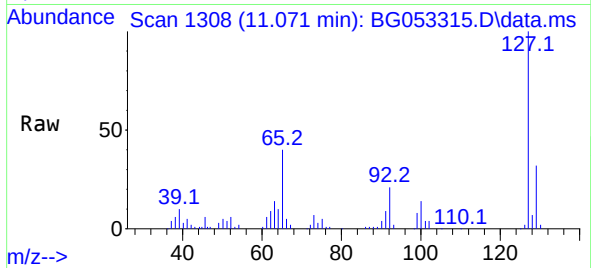
PB144297BS

Tgt Ion:127 Resp: 75279
Ion Ratio Lower Upper
127 100
129 31.9 27.6 41.4
65 40.1 28.2 42.4
92 20.5 17.0 25.4

Manual Integrations

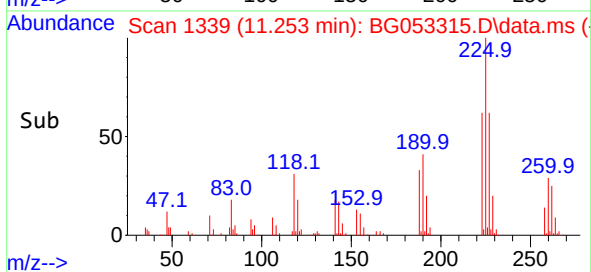
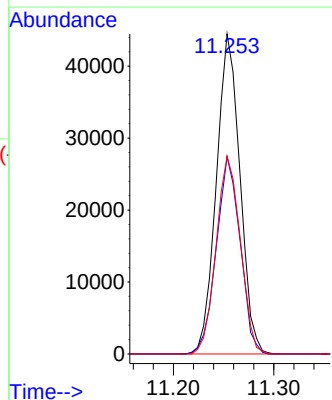
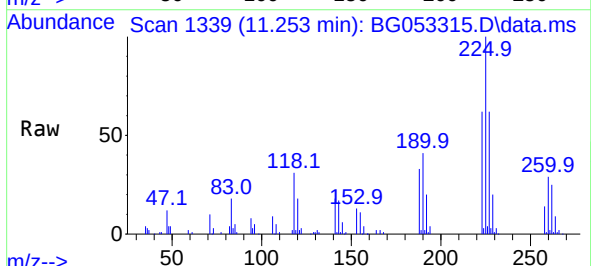
APPROVED

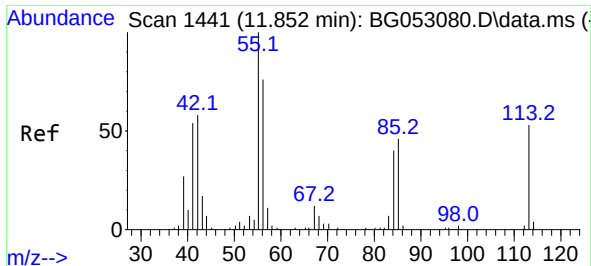
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#34
Hexachlorobutadiene
Concen: 38.698 ng
RT: 11.253 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:225 Resp: 72575
Ion Ratio Lower Upper
225 100
223 61.6 50.2 75.2
227 61.7 52.0 78.0





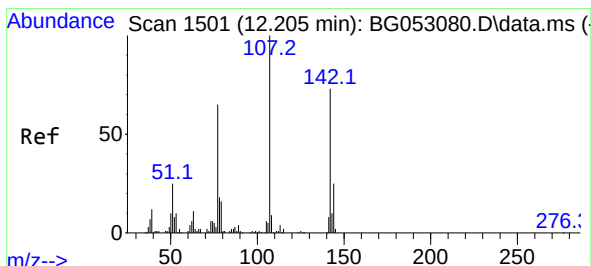
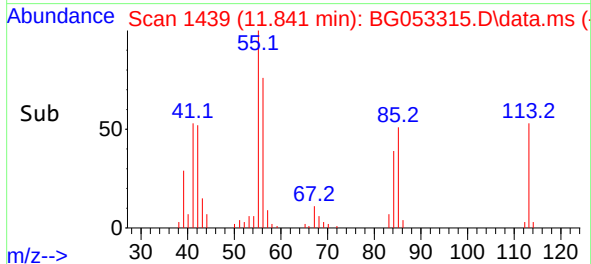
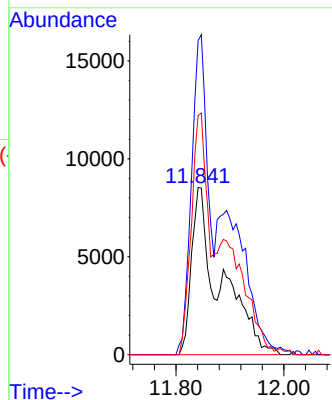
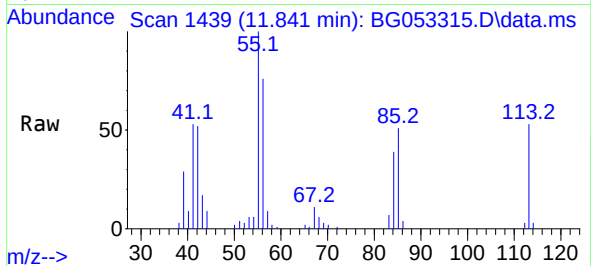
#35
Caprolactam
Concen: 40.597 ng m
RT: 11.841 min Scan# 1441
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB144297BS

Tgt Ion:113 Resp: 3192
Ion Ratio Lower Upper
113 100
55 187.8 151.3 191.3
56 143.1 128.5 168.5

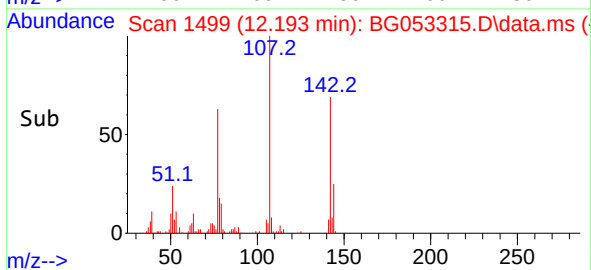
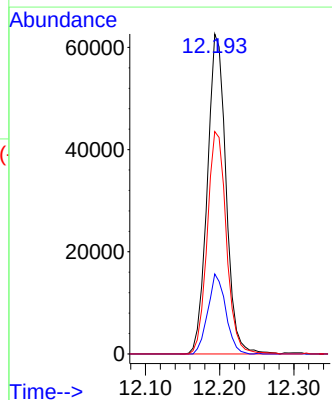
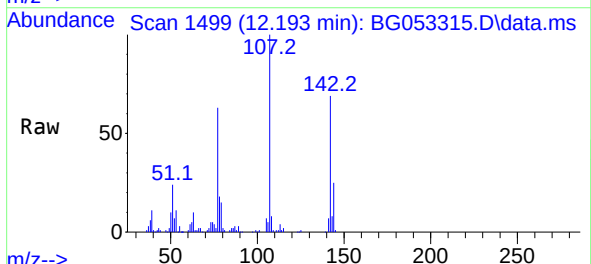
Manual Integrations
APPROVED

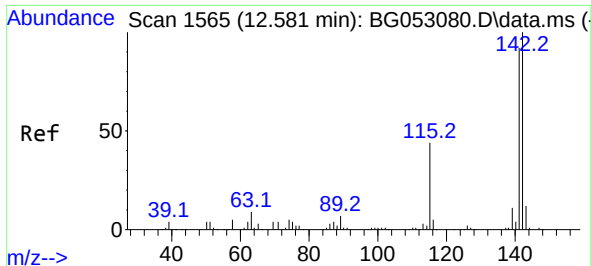
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#36
4-Chloro-3-methylphenol
Concen: 42.139 ng
RT: 12.193 min Scan# 1499
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:107 Resp: 109435
Ion Ratio Lower Upper
107 100
144 25.0 21.4 32.0
142 69.5 61.7 92.5





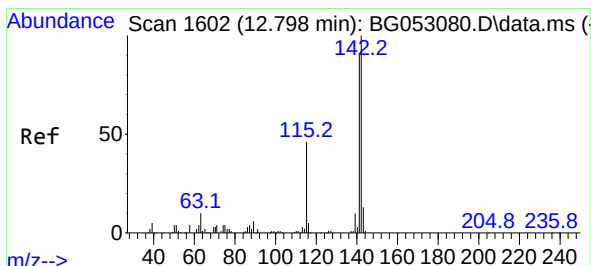
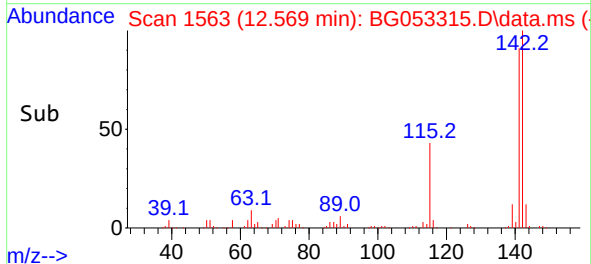
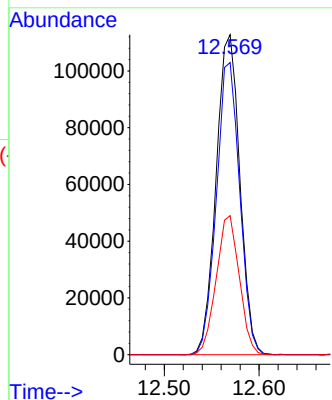
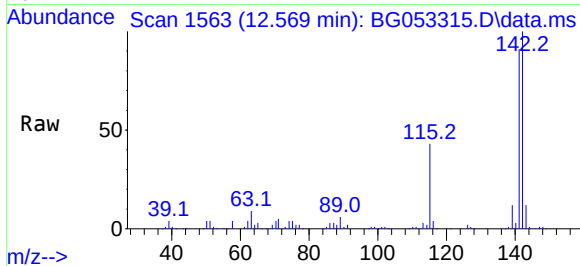
#37
2-Methylnaphthalene
Concen: 40.168 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB144297BS

Tgt Ion:142 Resp: 196130
Ion Ratio Lower Upper
142 100
141 91.3 71.3 106.9
115 43.5 29.5 44.3

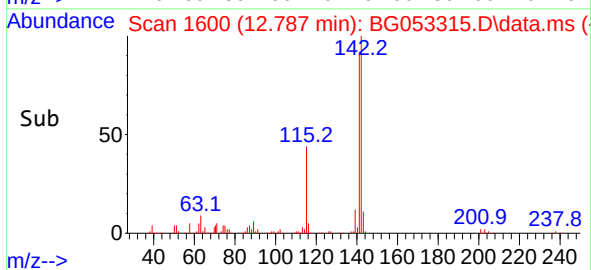
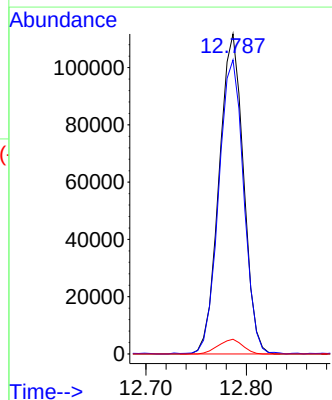
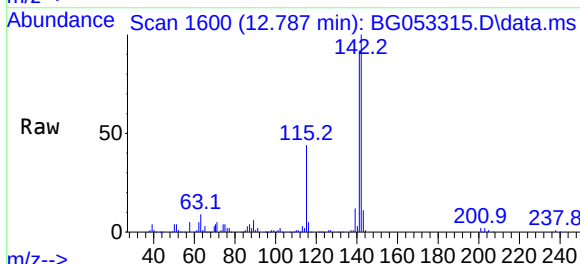
Manual Integrations
APPROVED

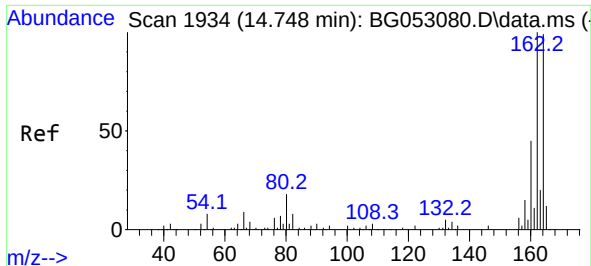
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#38
1-Methylnaphthalene
Concen: 39.443 ng
RT: 12.787 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:142 Resp: 187992
Ion Ratio Lower Upper
142 100
141 91.9 70.5 105.7
116 4.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

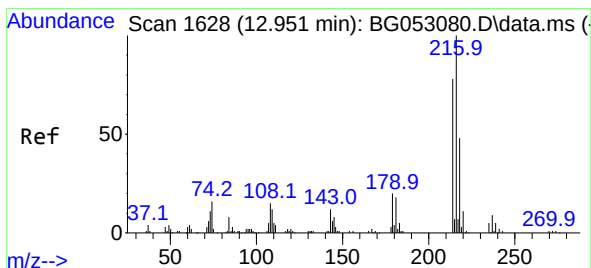
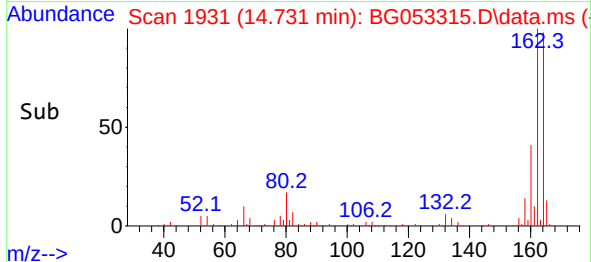
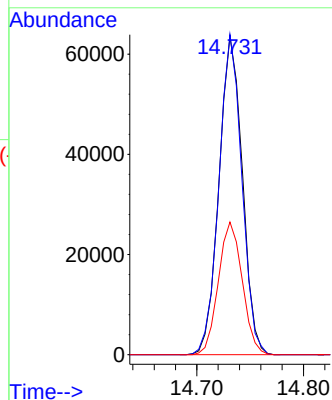
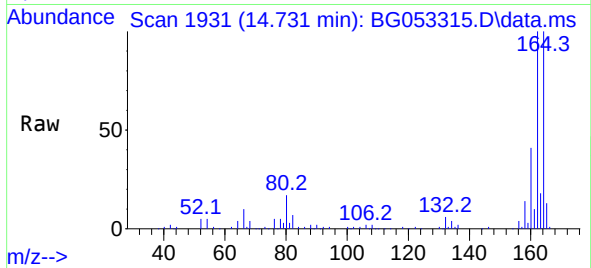
PB144297BS

Tgt Ion:164 Resp: 96430
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 41.6 38.8 58.2

Manual Integrations

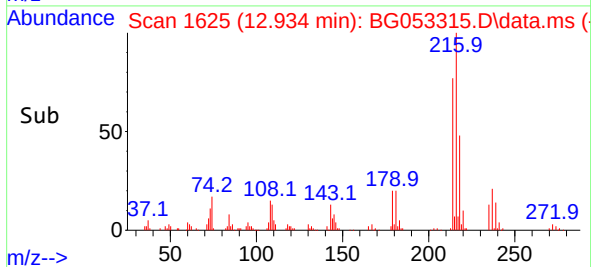
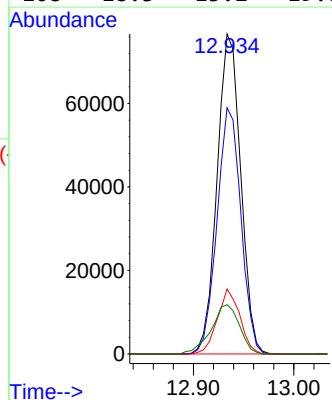
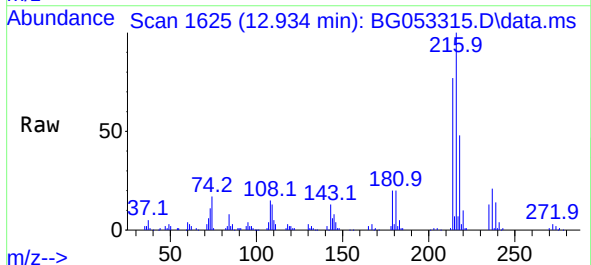
APPROVED

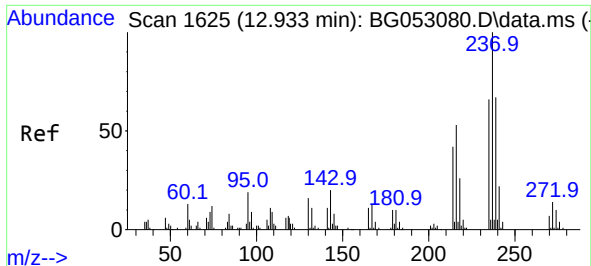
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.340 ng
RT: 12.934 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

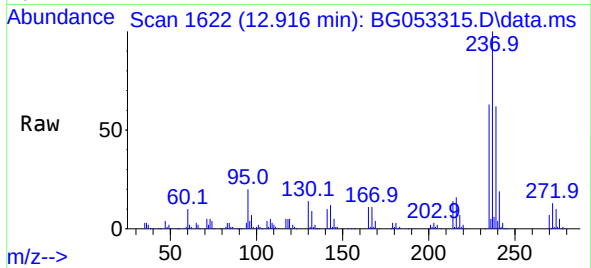
Tgt Ion:216 Resp: 125576
Ion Ratio Lower Upper
216 100
214 77.5 63.8 95.6
179 19.2 15.7 23.5
108 18.3 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 79.533 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

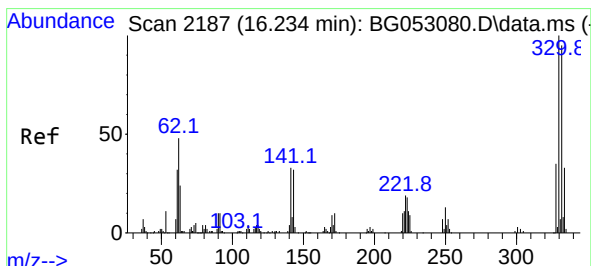
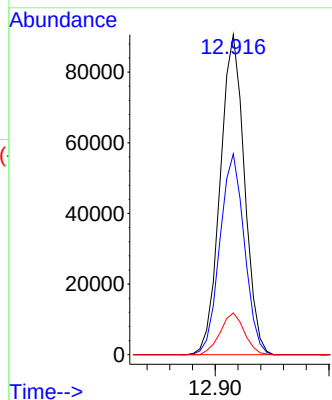
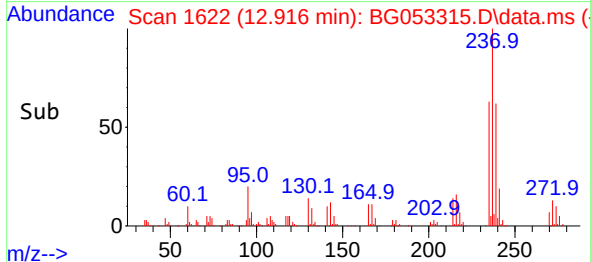
Instrument :
BNA_G
ClientSampleId :
PB144297BS



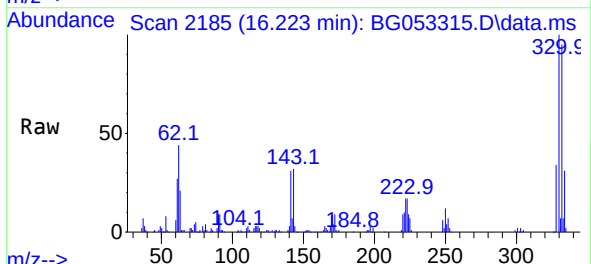
Tgt Ion: 237 Resp: 134472
Ion Ratio Lower Upper
237 100
235 62.8 37.7 77.7
272 13.1 0.0 30.7

Manual Integrations
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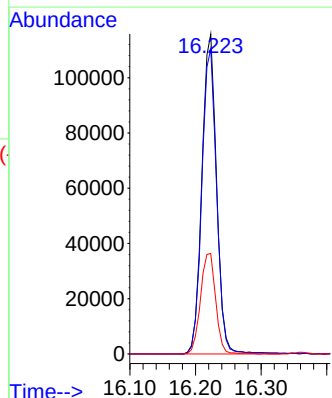
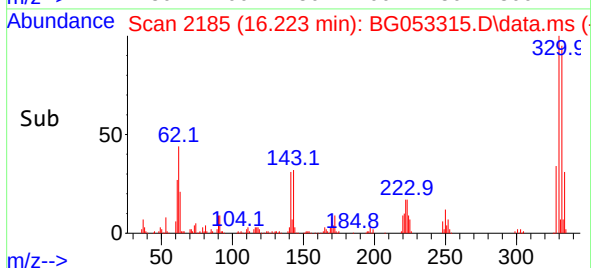
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022

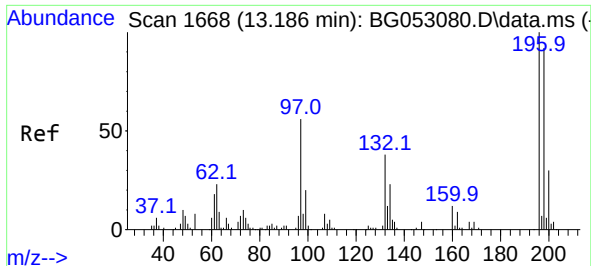


#42
2,4,6-Tribromophenol
Concen: 117.588 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion: 330 Resp: 180411
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 32.4 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 38.658 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

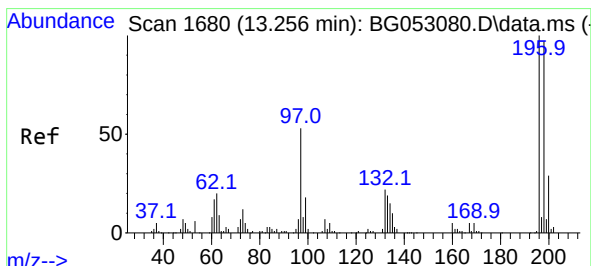
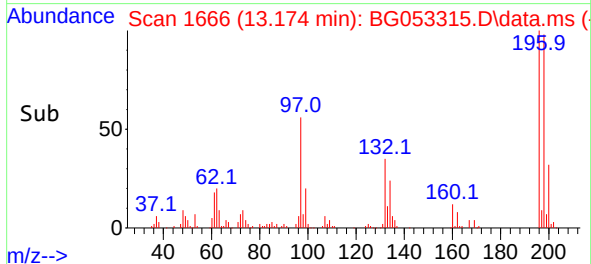
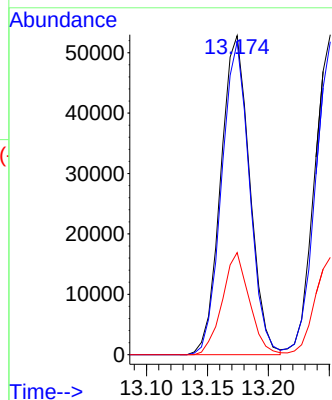
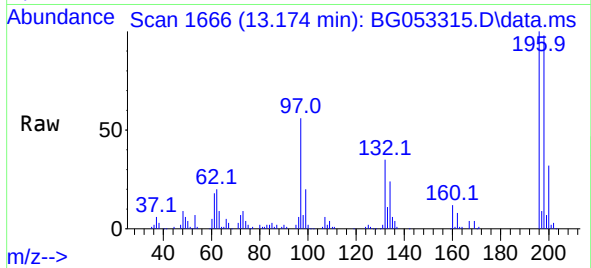
PB144297BS

Tgt Ion:196 Resp: 87298
Ion Ratio Lower Upper
196 100
198 98.0 78.8 118.2
200 32.0 25.1 37.7

Manual Integrations

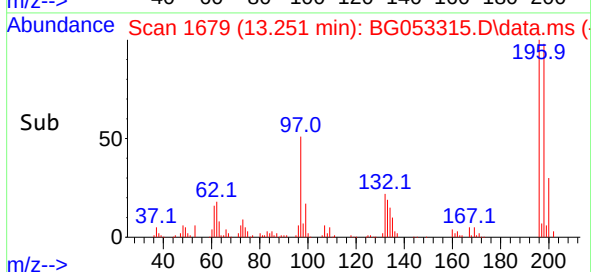
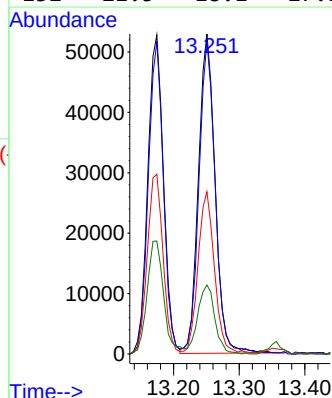
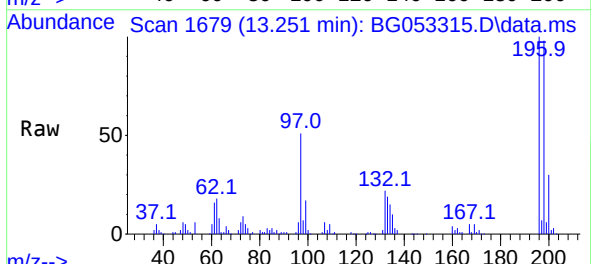
APPROVED

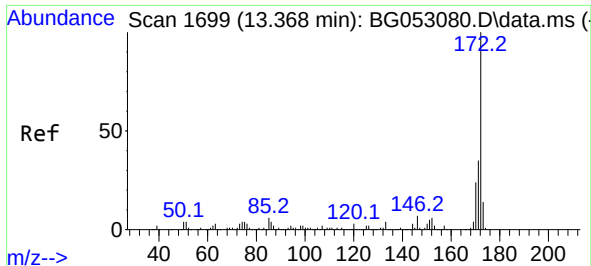
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#44
2,4,5-Trichlorophenol
Concen: 38.942 ng
RT: 13.251 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:196 Resp: 93710
Ion Ratio Lower Upper
196 100
198 97.8 75.8 113.6
97 50.7 36.5 54.7
132 21.5 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 75.883 ng
RT: 13.357 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

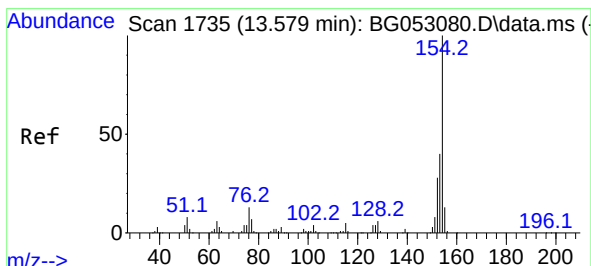
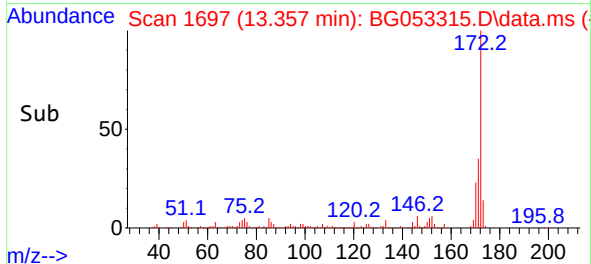
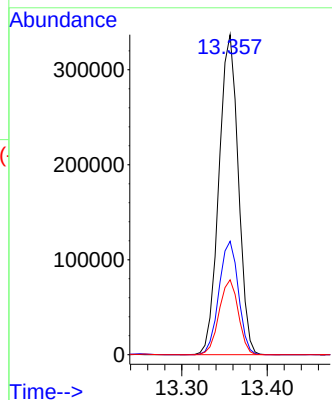
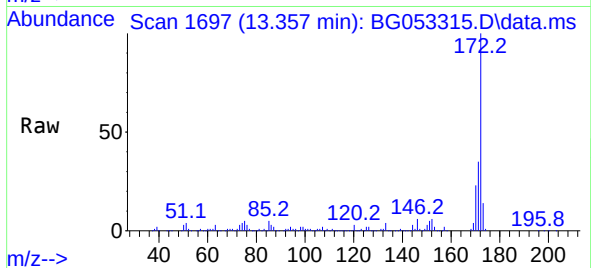
PB144297BS

Tgt Ion:172 Resp: 530699
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.0 27.0

Manual Integrations

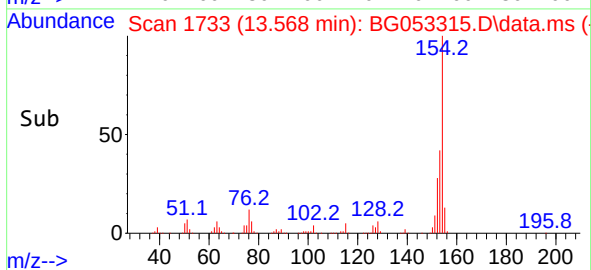
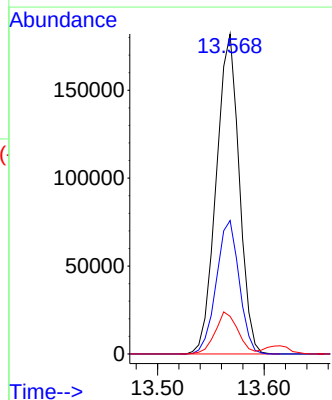
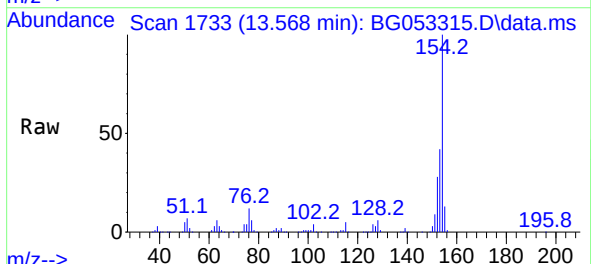
APPROVED

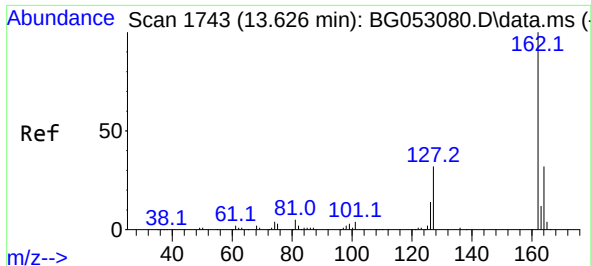
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#46
1,1'-Biphenyl
Concen: 39.086 ng
RT: 13.568 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:154 Resp: 271442
Ion Ratio Lower Upper
154 100
153 41.7 21.6 61.6
76 11.8 0.0 31.5





#47
2-Chloronaphthalene
Concen: 39.144 ng
RT: 13.615 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

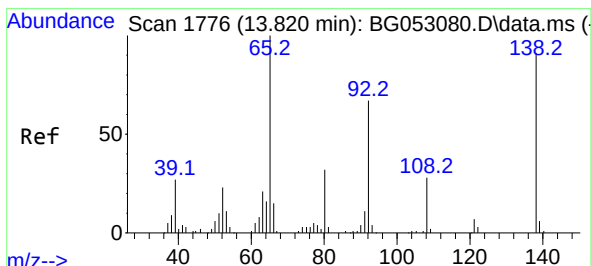
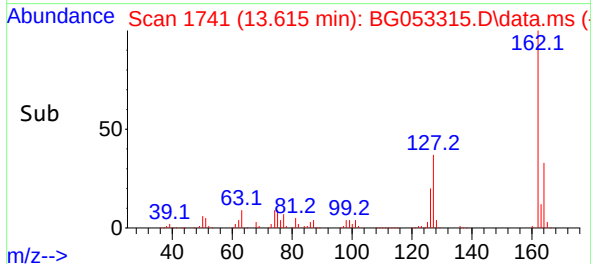
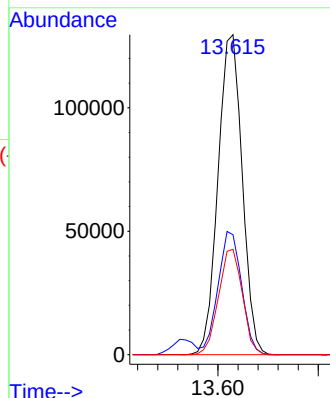
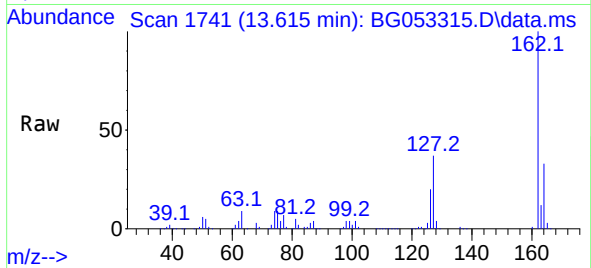
PB144297BS

Tgt Ion:162 Resp: 21688
Ion Ratio Lower Upper
162 100
127 37.5 28.1 42.1
164 32.9 26.0 39.0

Manual Integrations

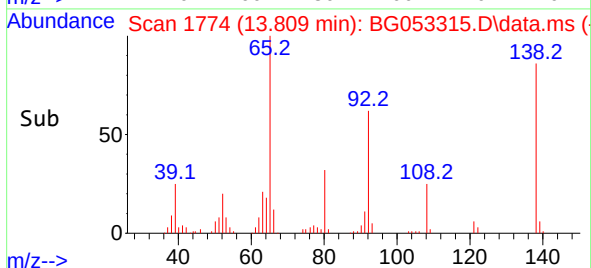
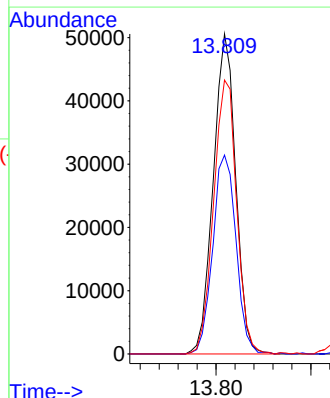
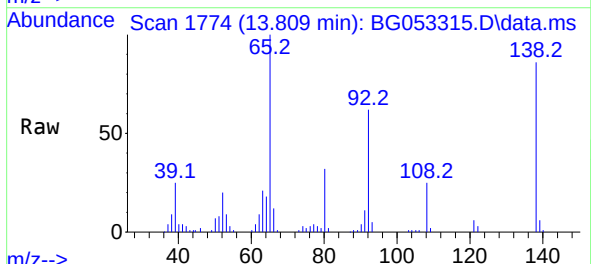
APPROVED

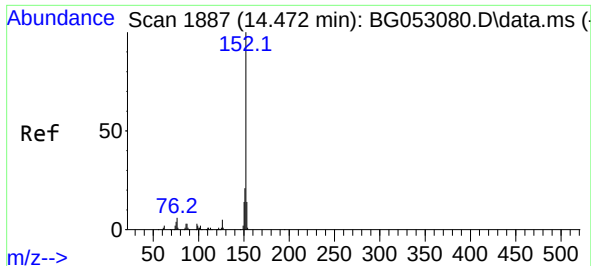
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#48
2-Nitroaniline
Concen: 39.434 ng
RT: 13.809 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion: 65 Resp: 82917
Ion Ratio Lower Upper
65 100
92 62.1 52.1 78.1
138 85.6 80.1 120.1





#49
Acenaphthylene
Concen: 41.825 ng
RT: 14.455 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

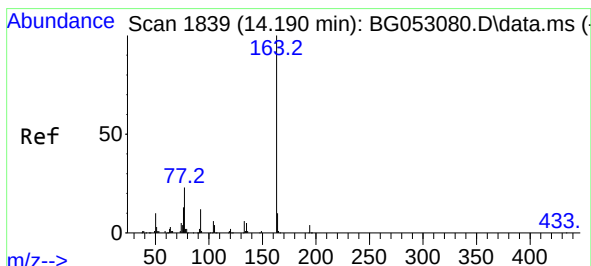
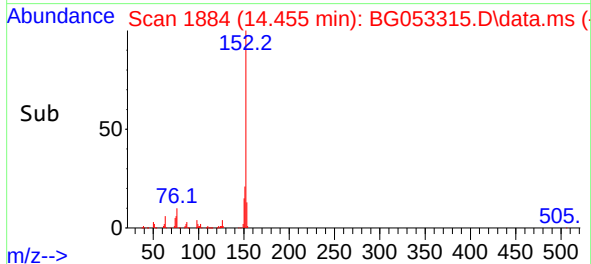
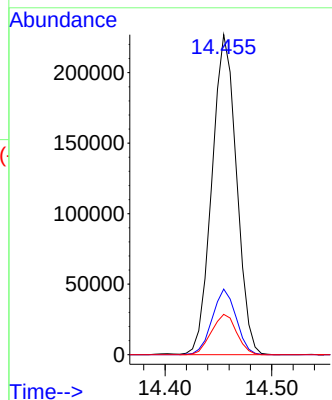
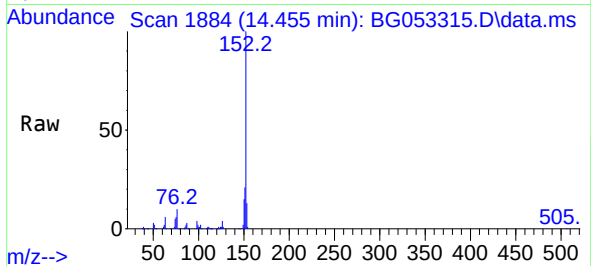
PB144297BS

Tgt Ion:152 Resp: 362762
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 12.6 10.6 15.8

Manual Integrations

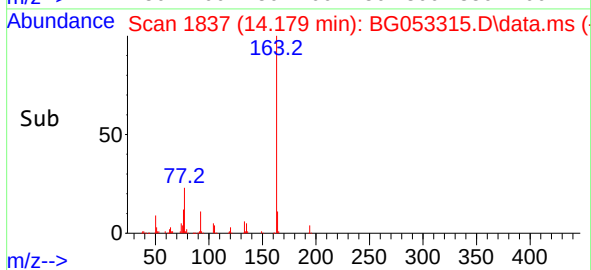
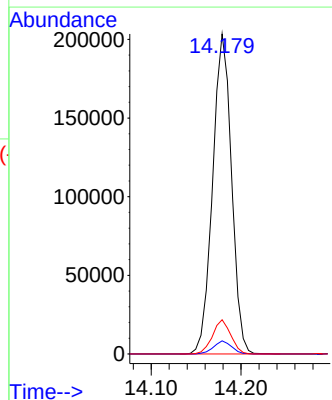
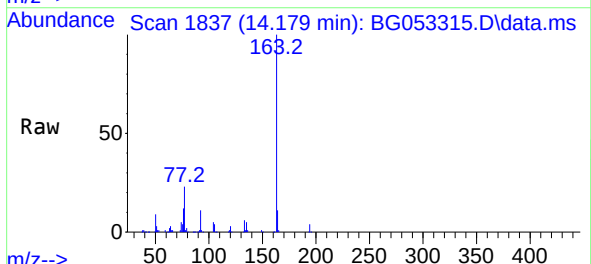
APPROVED

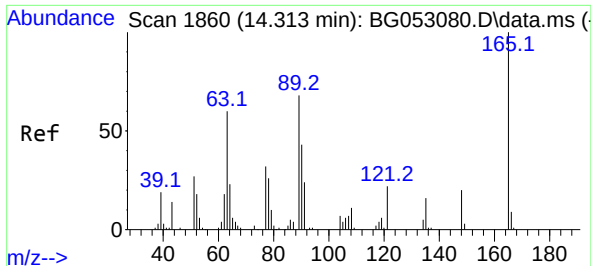
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#50
Dimethylphthalate
Concen: 38.530 ng
RT: 14.179 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:163 Resp: 297197
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 39.761 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

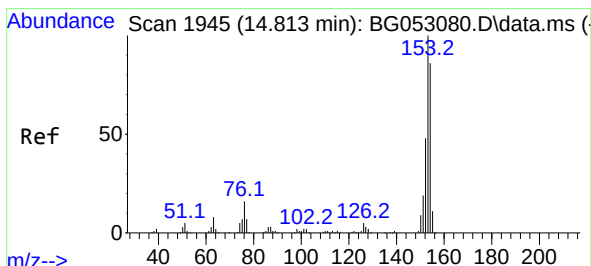
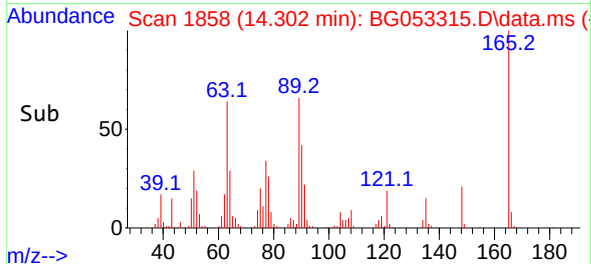
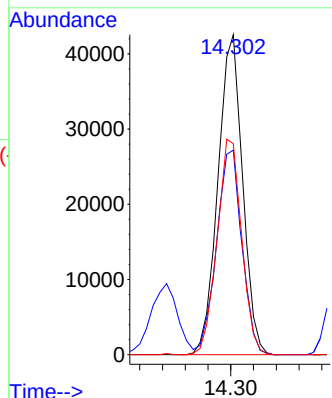
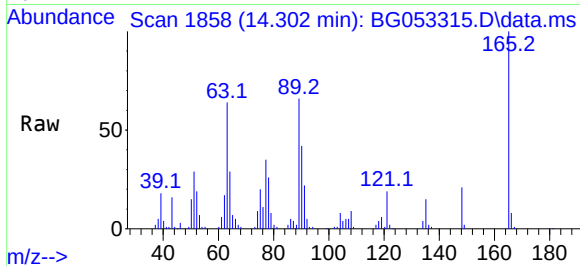
PB144297BS

Tgt Ion:165 Resp: 6398
Ion Ratio Lower Upper
165 100
63 63.9 43.7 65.5
89 65.9 45.0 67.4

Manual Integrations

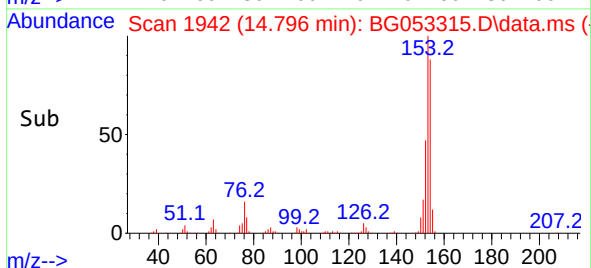
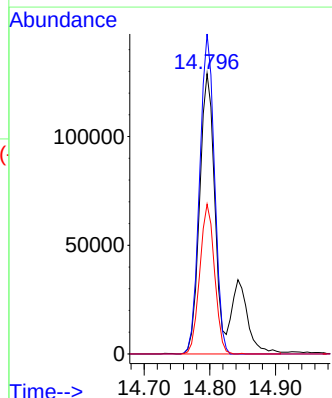
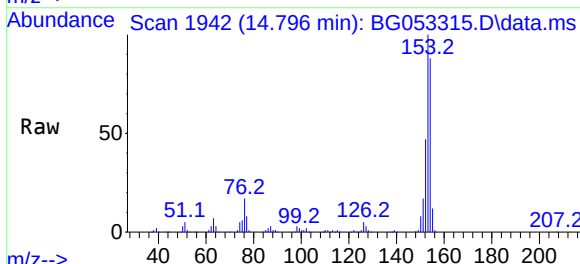
APPROVED

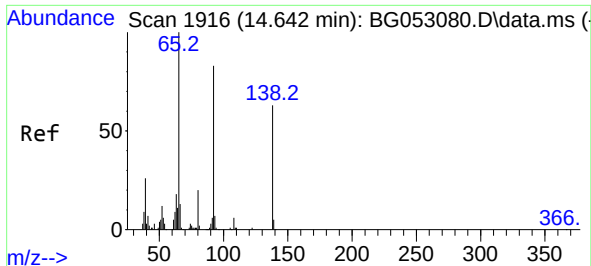
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#52
Acenaphthene
Concen: 44.708 ng m
RT: 14.796 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:154 Resp: 262962
Ion Ratio Lower Upper
154 100
153 114.1 89.0 133.4
152 53.4 40.5 60.7





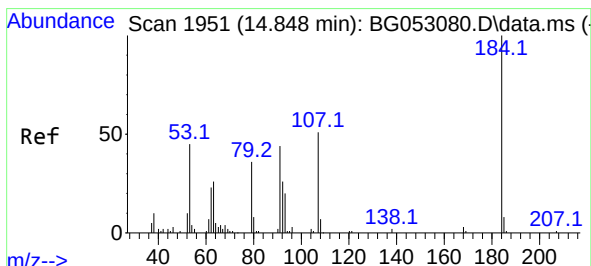
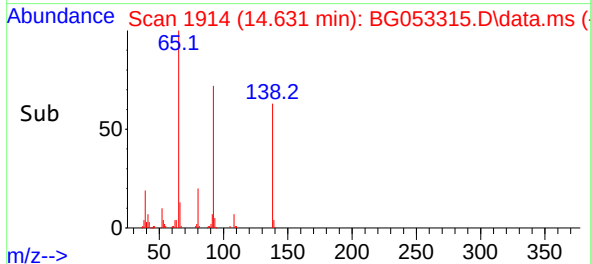
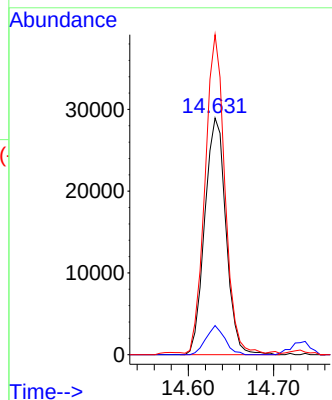
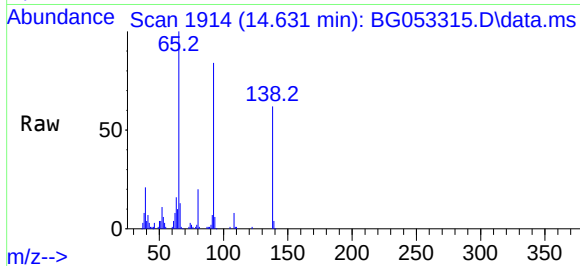
#53
3-Nitroaniline
Concen: 29.421 ng
RT: 14.631 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB144297BS

Tgt Ion:138 Resp: 5006
Ion Ratio Lower Upper
138 100
108 12.3 8.0 12.0
92 135.2 96.2 144.2

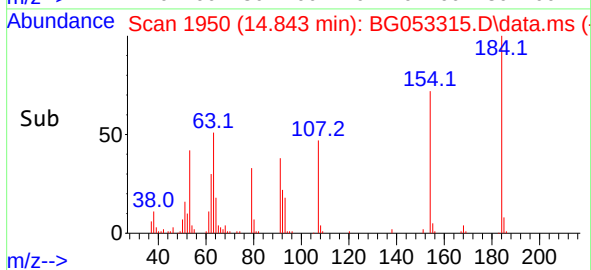
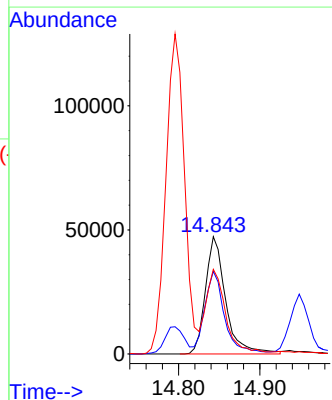
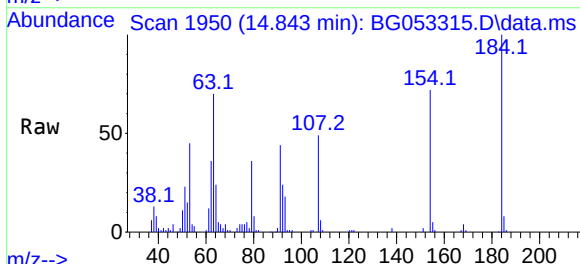
Manual Integrations
APPROVED

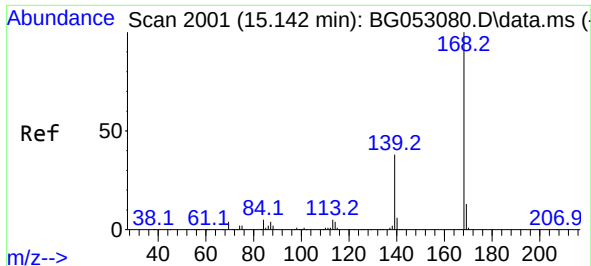
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#54
2,4-Dinitrophenol
Concen: 79.970 ng
RT: 14.843 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

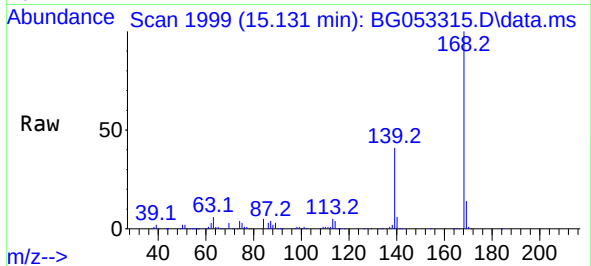
Tgt Ion:184 Resp: 81879
Ion Ratio Lower Upper
184 100
63 70.3 51.8 77.6
154 72.2 47.8 71.6#





#55
Dibenzofuran
Concen: 38.040 ng
RT: 15.131 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

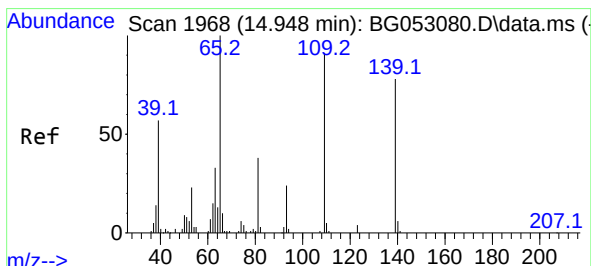
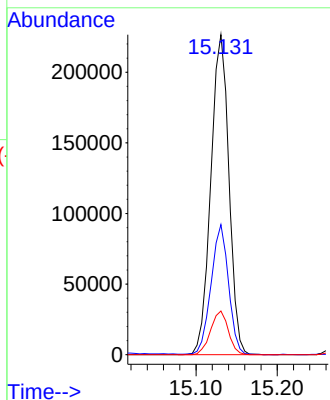
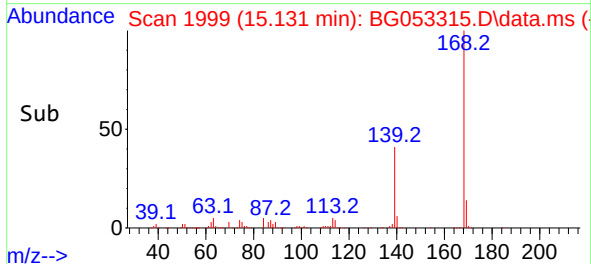
Instrument :
BNA_G
ClientSampleId :
PB144297BS



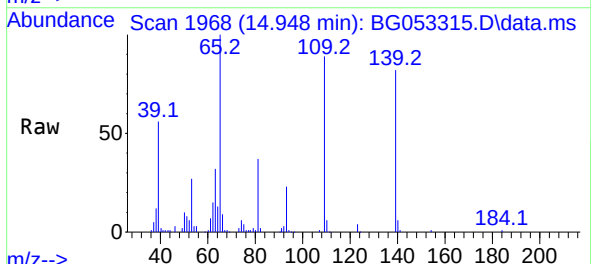
Tgt Ion:168 Resp: 350348
Ion Ratio Lower Upper
168 100
139 40.6 30.2 45.4
169 13.6 10.7 16.1

Manual Integrations
APPROVED

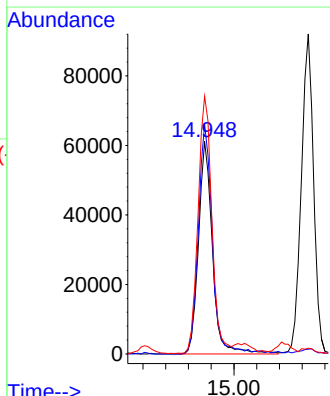
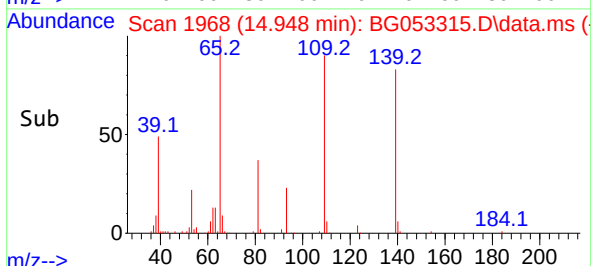
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

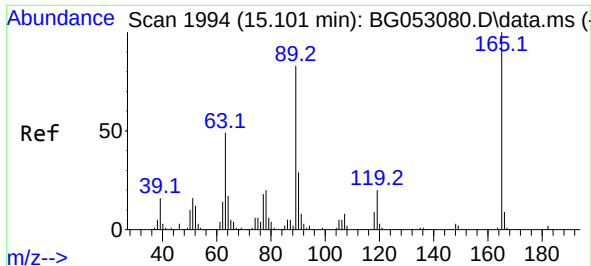


#56
4-Nitrophenol
Concen: 80.458 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:139 Resp: 104410
Ion Ratio Lower Upper
139 100
109 108.0 67.1 107.1#
65 121.3 88.2 128.2





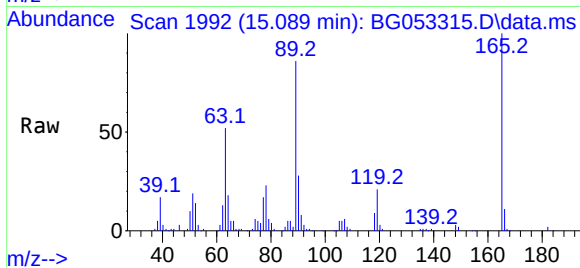
#57
2,4-Dinitrotoluene
Concen: 40.654 ng
RT: 15.089 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

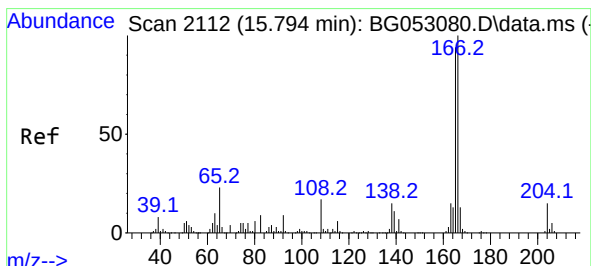
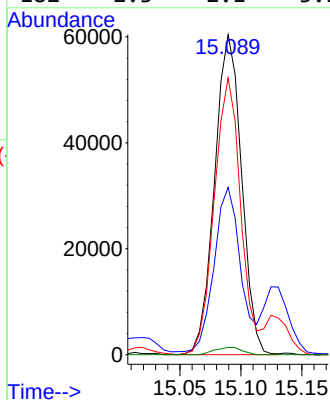
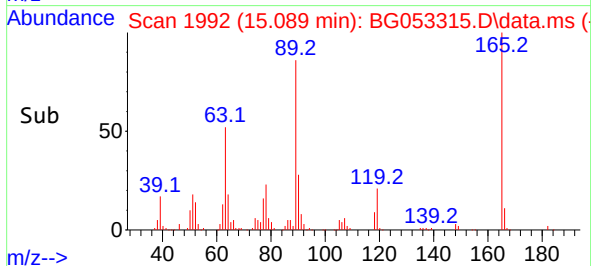


Tgt Ion:165 Resp: 93134
Ion Ratio Lower Upper
165 100
63 52.3 34.8 52.2
89 86.5 57.4 86.0
182 2.3 2.1 3.1

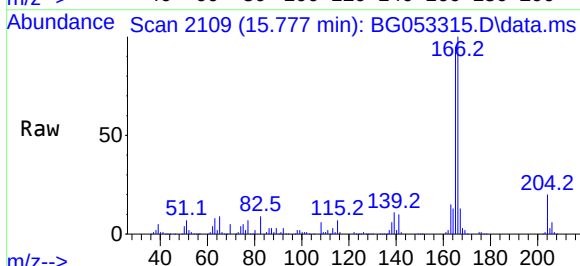
Manual Integrations

APPROVED

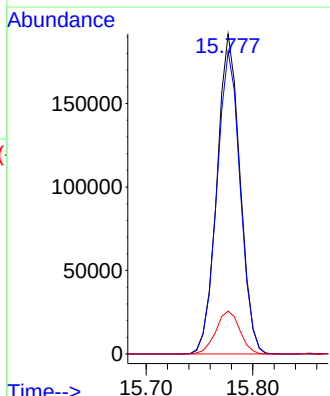
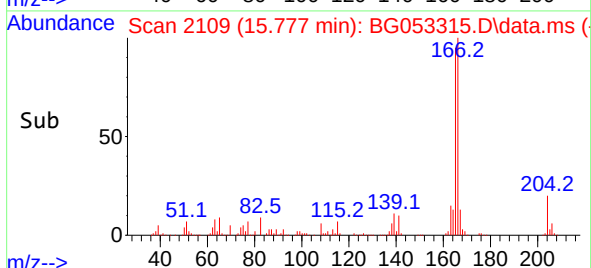
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

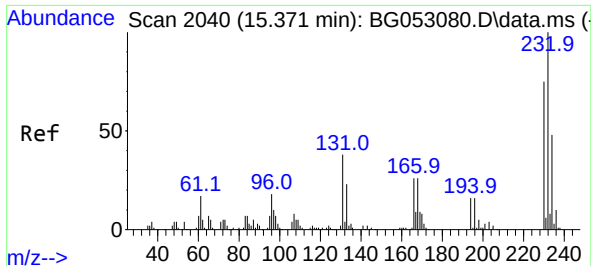


#58
Fluorene
Concen: 38.613 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:166 Resp: 287225
Ion Ratio Lower Upper
166 100
165 94.6 78.6 117.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.032 ng
RT: 15.360 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

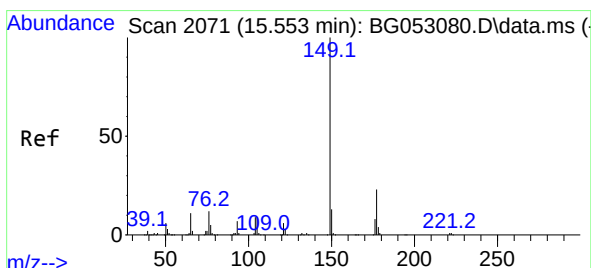
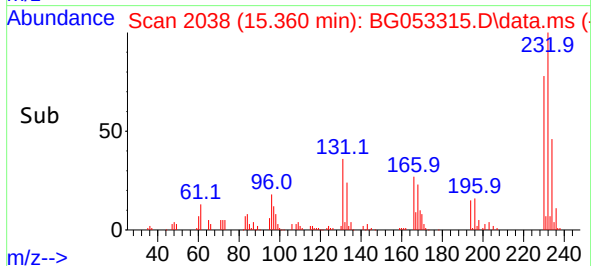
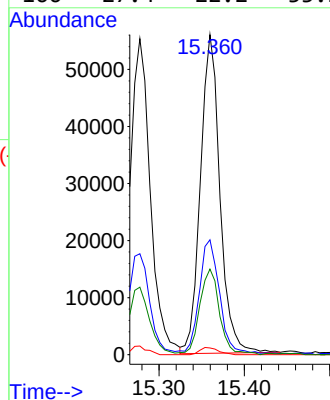
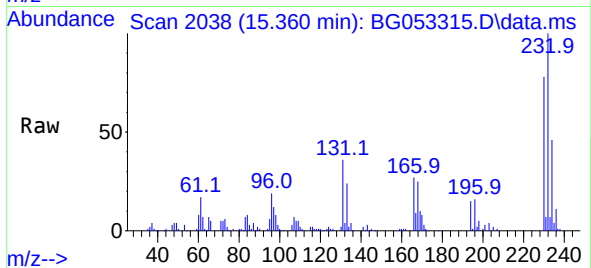
PB144297BS

Tgt Ion:232 Resp: 88878
Ion Ratio Lower Upper
232 100
131 37.5 30.1 45.1
130 2.1 1.8 2.8
166 27.4 22.2 33.2

Manual Integrations

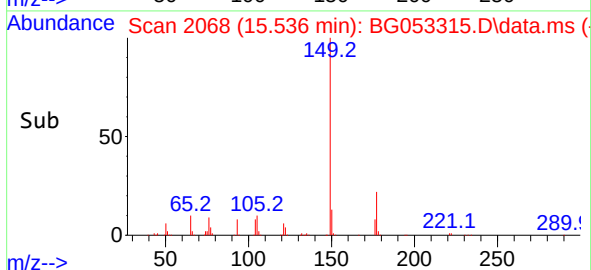
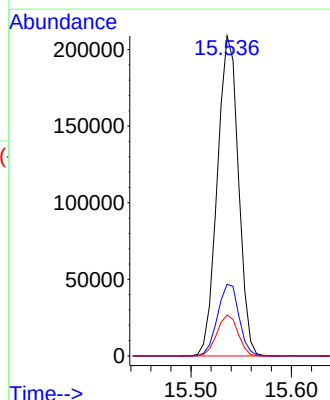
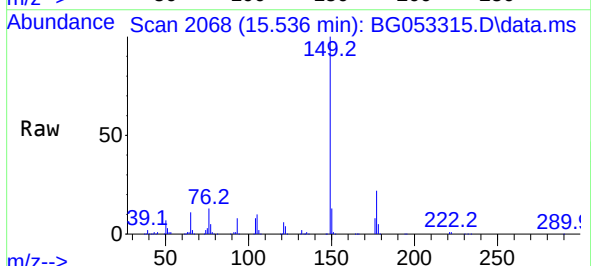
APPROVED

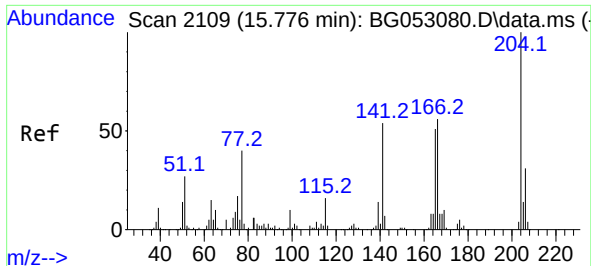
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#60
Diethylphthalate
Concen: 37.697 ng
RT: 15.536 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:149 Resp: 304653
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.641 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

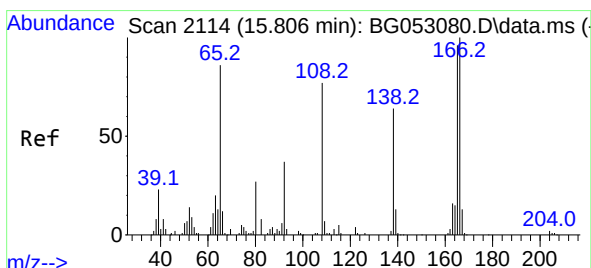
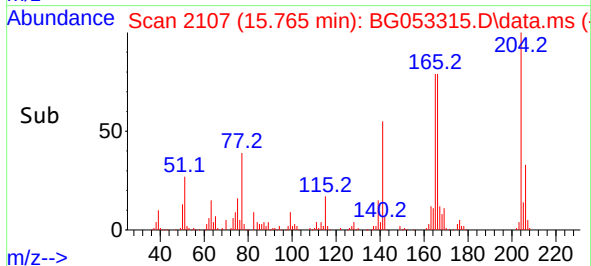
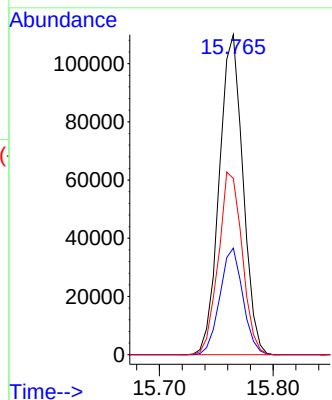
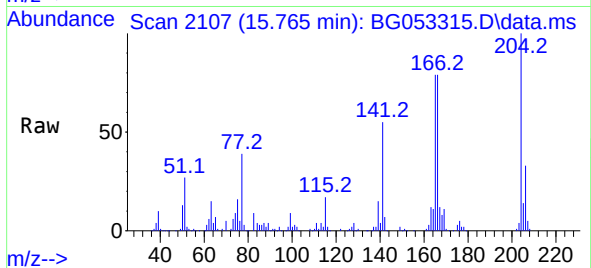
PB144297BS

Tgt Ion:204 Resp: 158724
Ion Ratio Lower Upper
204 100
206 33.3 28.3 42.5
141 55.1 45.8 68.8

Manual Integrations

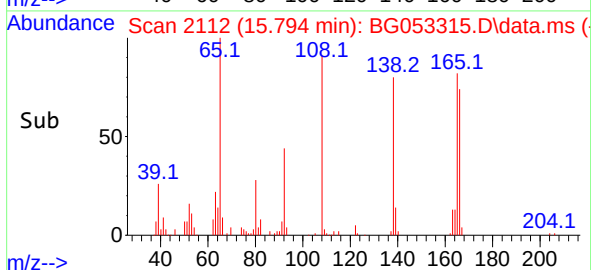
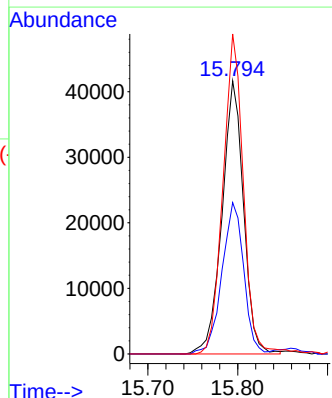
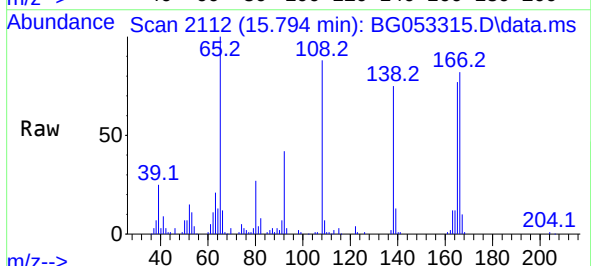
APPROVED

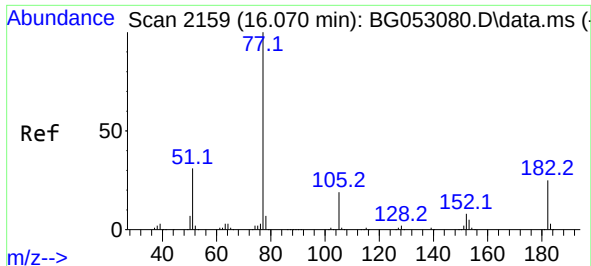
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#62
4-Nitroaniline
Concen: 38.536 ng
RT: 15.794 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:138 Resp: 69190
Ion Ratio Lower Upper
138 100
92 55.4 33.3 73.3
108 117.2 74.2 114.2#





#63
Azobenzene
Concen: 37.543 ng
RT: 16.059 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

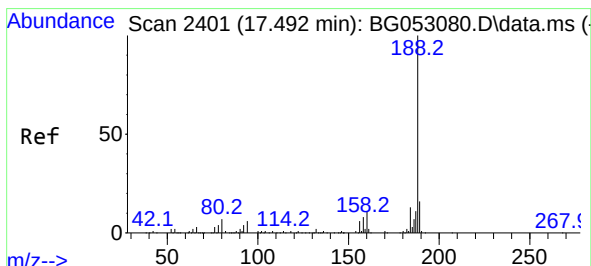
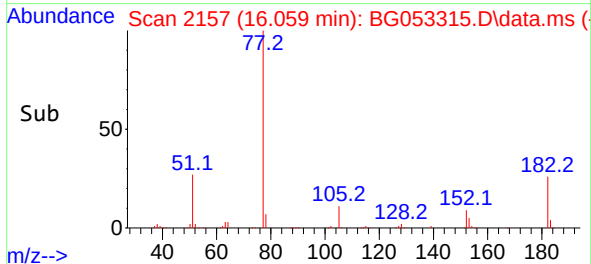
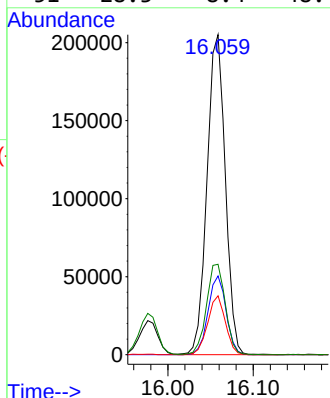
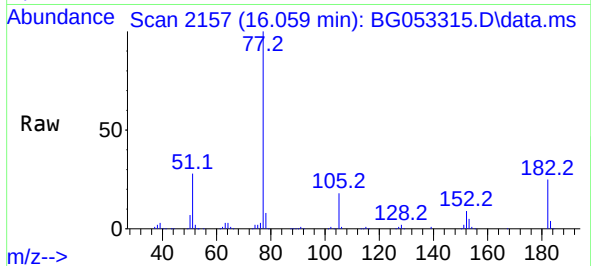
PB144297BS

Tgt Ion: 77 Resp: 30590
Ion Ratio Lower Upper
77 100
182 24.6 5.6 45.6
105 18.4 0.0 38.8
51 28.3 8.4 48.4

Manual Integrations

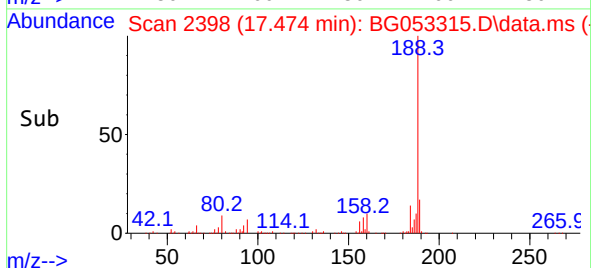
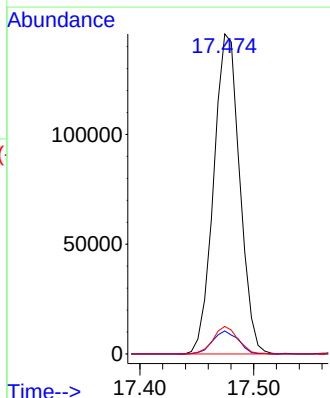
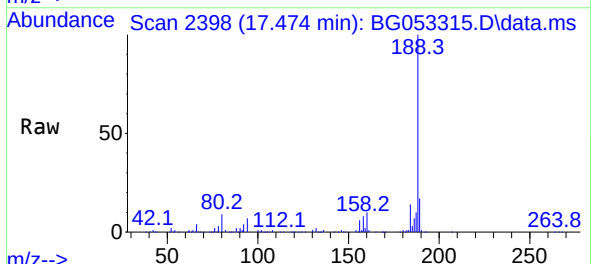
APPROVED

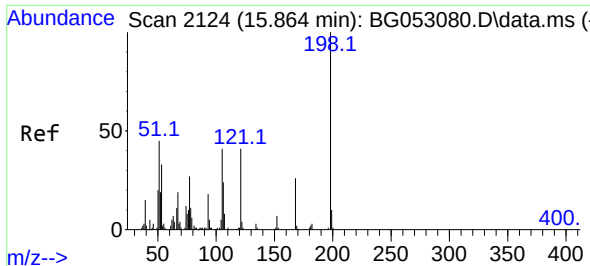
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:188 Resp: 231405
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.6 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 36.842 ng
RT: 15.859 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

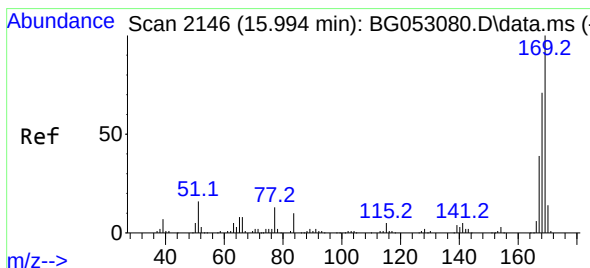
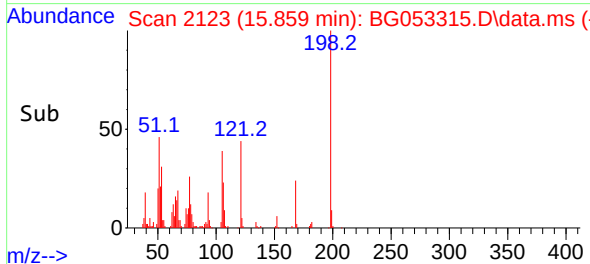
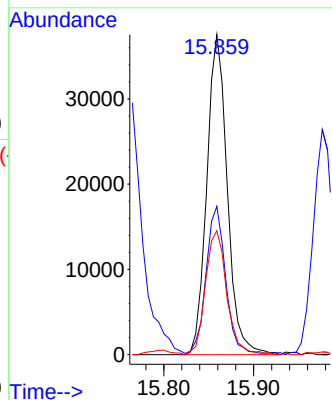
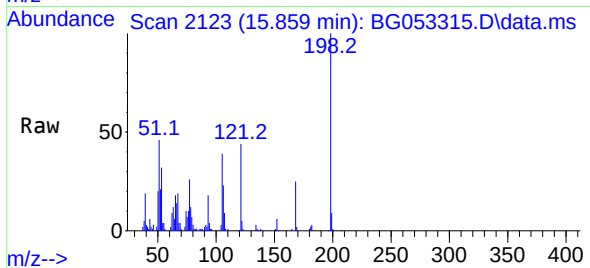
PB144297BS

Tgt Ion:198 Resp: 59479
Ion Ratio Lower Upper
198 100
51 46.3 21.7 61.7
105 38.7 20.8 60.8

Manual Integrations

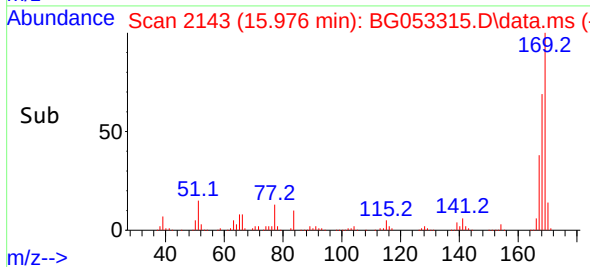
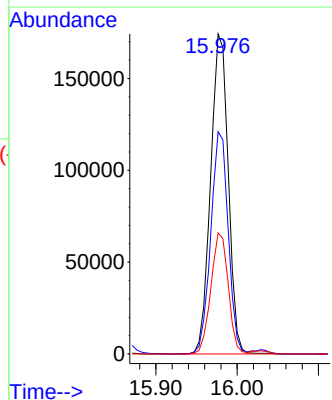
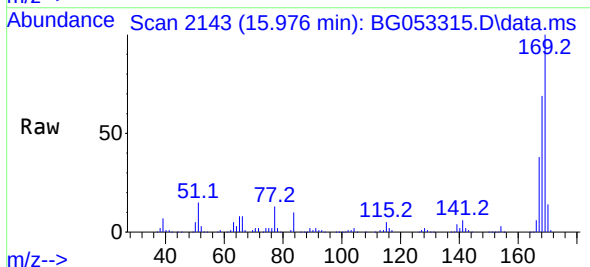
APPROVED

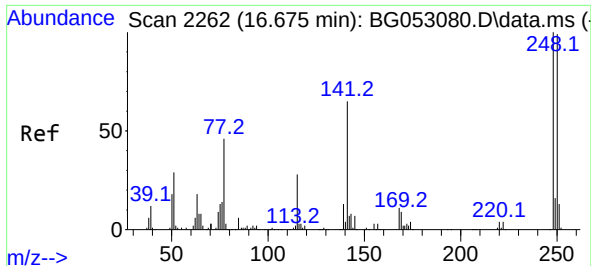
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#66
n-Nitrosodiphenylamine
Concen: 39.388 ng
RT: 15.976 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:169 Resp: 262104
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 37.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 39.246 ng
RT: 16.658 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

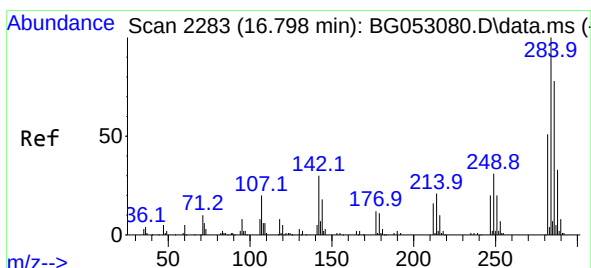
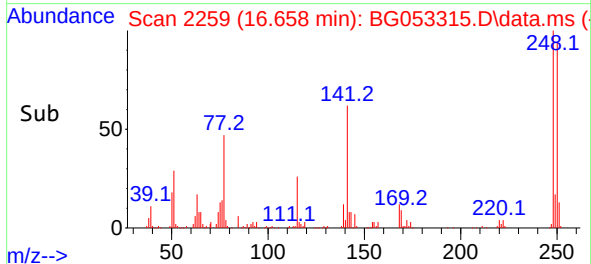
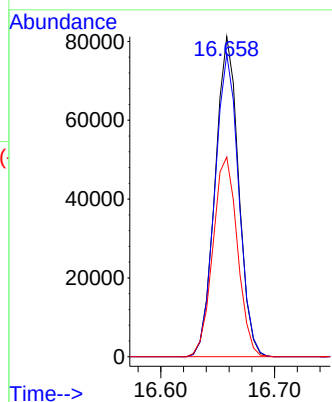
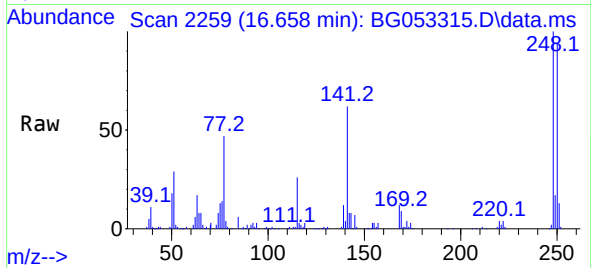
PB144297BS

Tgt Ion:248 Resp: 116368
Ion Ratio Lower Upper
248 100
250 94.5 77.9 116.9
141 62.4 49.2 73.8

Manual Integrations

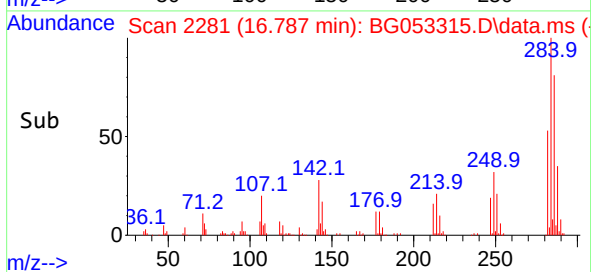
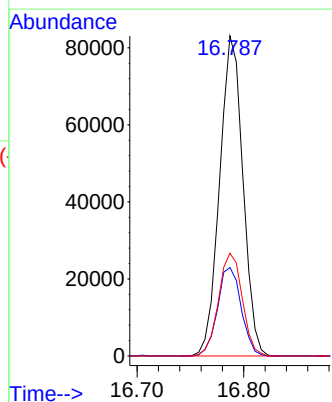
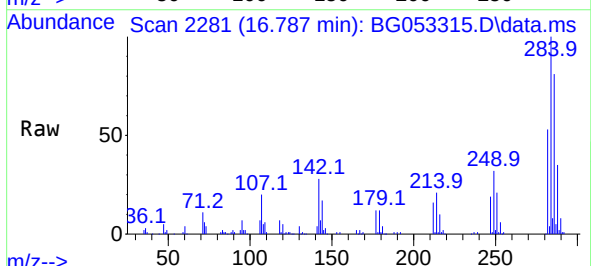
APPROVED

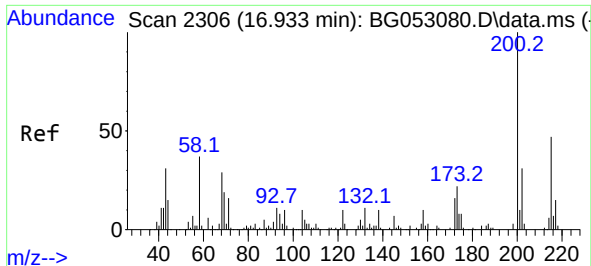
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#68
Hexachlorobenzene
Concen: 39.200 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Tgt Ion:284 Resp: 125873
Ion Ratio Lower Upper
284 100
142 27.6 21.0 31.4
249 32.1 22.7 34.1





#69
Atrazine
Concen: 43.560 ng
RT: 16.922 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

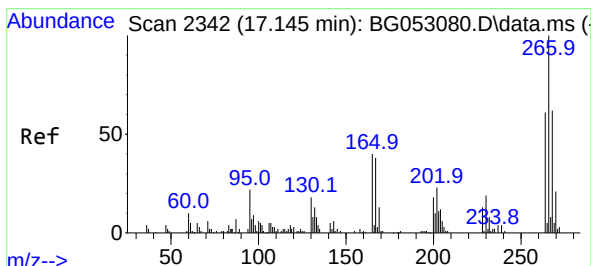
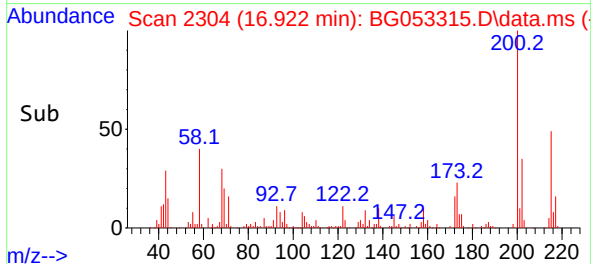
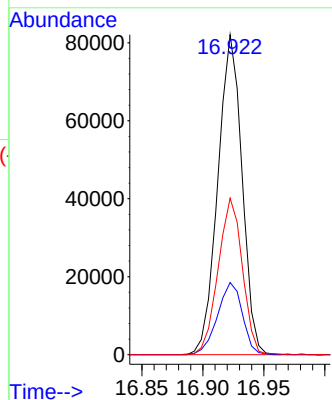
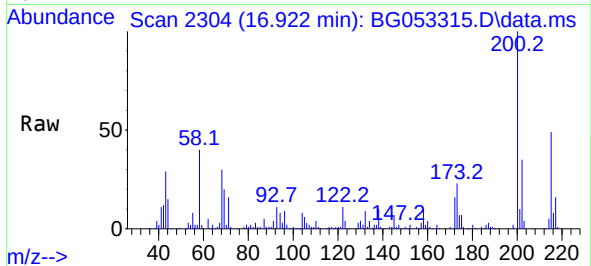
PB144297BS

Tgt Ion:200 Resp: 113229
Ion Ratio Lower Upper
200 100
173 22.6 3.8 43.8
215 48.9 26.3 66.3

Manual Integrations

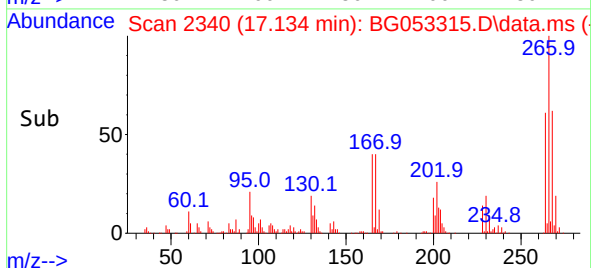
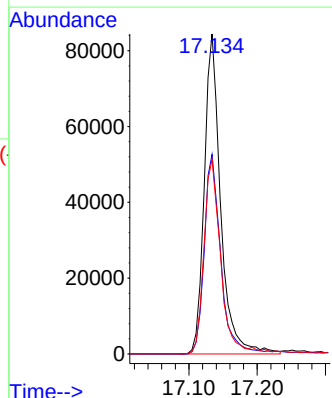
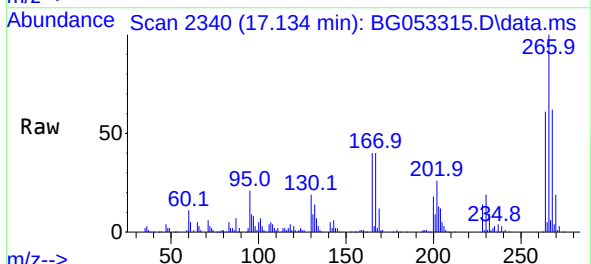
APPROVED

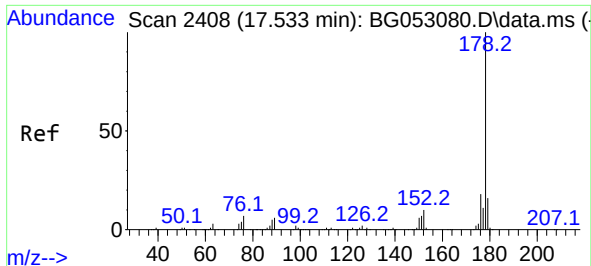
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#70
Pentachlorophenol
Concen: 80.478 ng
RT: 17.134 min Scan# 2340
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

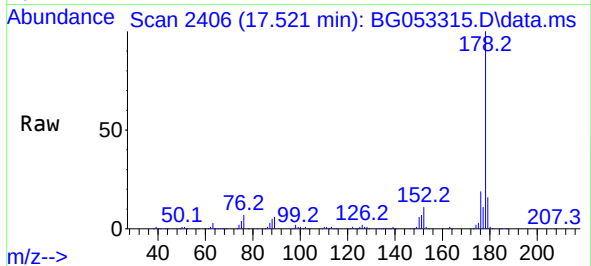
Tgt Ion:266 Resp: 141233
Ion Ratio Lower Upper
266 100
268 62.4 45.9 68.9
264 60.8 45.3 67.9





#71
Phenanthrene
Concen: 39.416 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

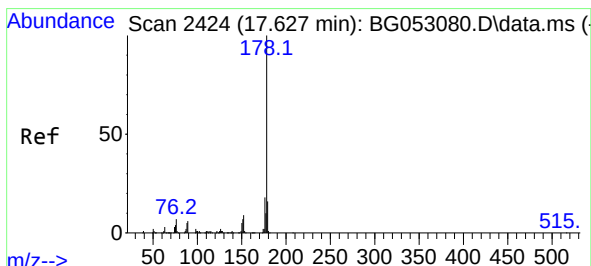
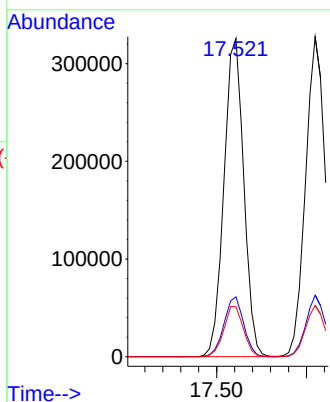
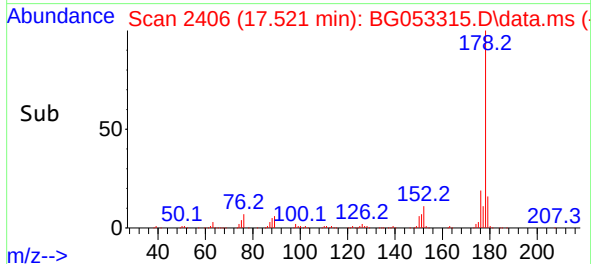
Instrument :
BNA_G
ClientSampleId :
PB144297BS



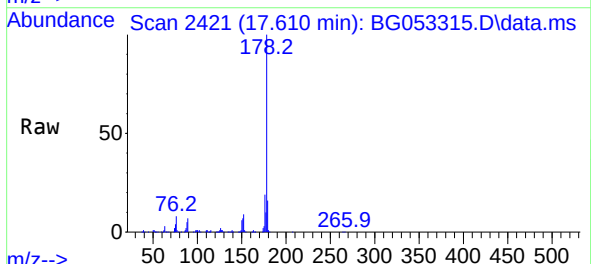
Tgt Ion:178 Resp: 498209
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.7 13.4 20.2

Manual Integrations
APPROVED

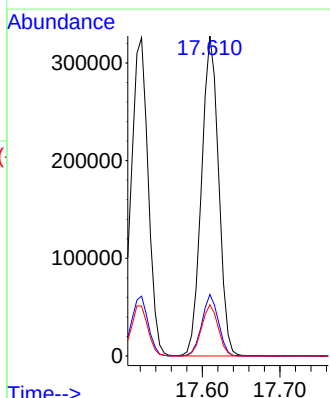
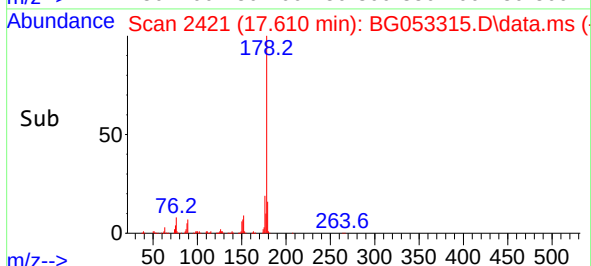
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

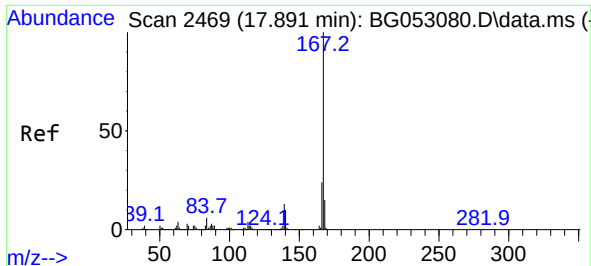


#72
Anthracene
Concen: 40.050 ng
RT: 17.610 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



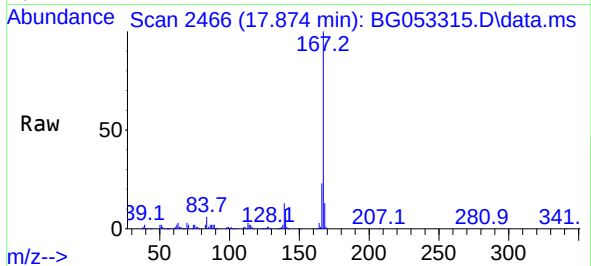
Tgt Ion:178 Resp: 501510
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 16.0 13.2 19.8





#73
Carbazole
Concen: 38.557 ng
RT: 17.874 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

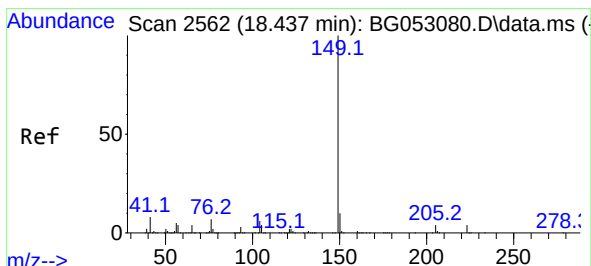
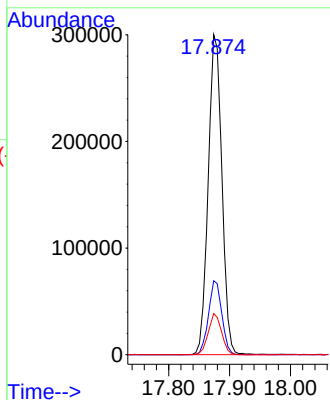
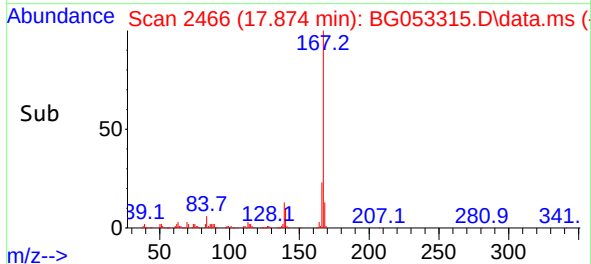
Instrument :
BNA_G
ClientSampleId :
PB144297BS



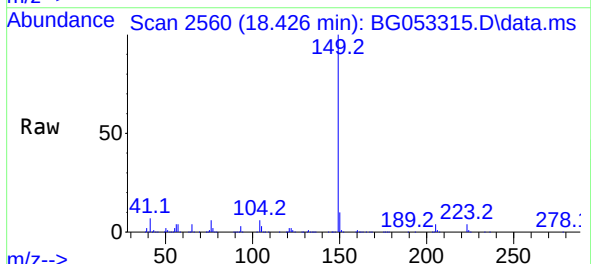
Tgt Ion:167 Resp: 46932
Ion Ratio Lower Upper
167 100
166 23.1 18.5 27.7
139 12.9 10.0 15.0

Manual Integrations
APPROVED

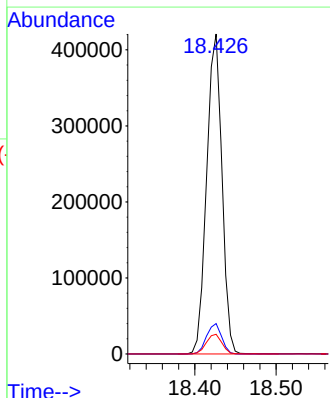
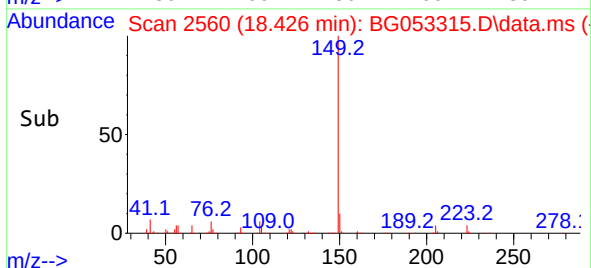
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

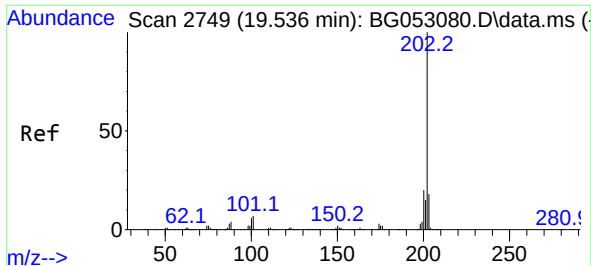


#74
Di-n-butylphthalate
Concen: 39.665 ng
RT: 18.426 min Scan# 2560
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



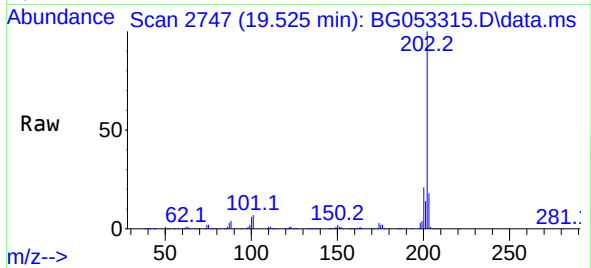
Tgt Ion:149 Resp: 547573
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.2 4.6 7.0





#75
Fluoranthene
Concen: 40.214 ng
RT: 19.525 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

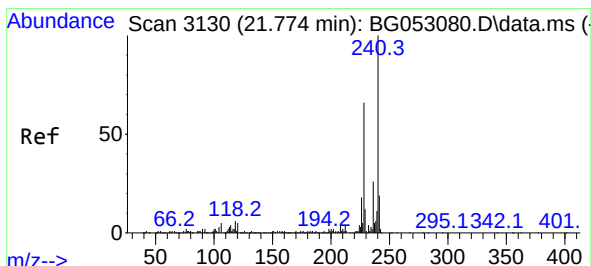
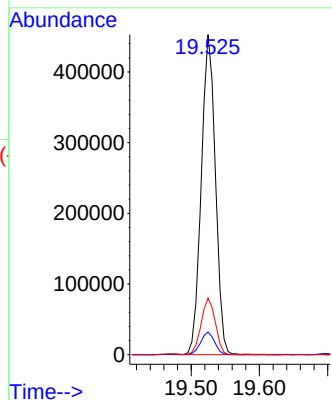
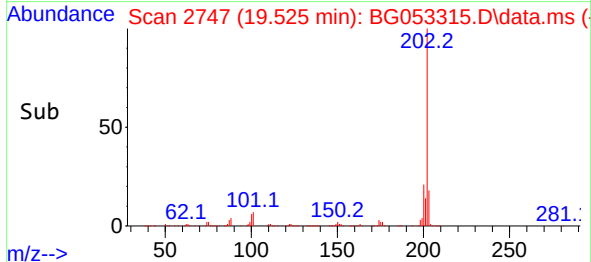
Instrument :
BNA_G
ClientSampleId :
PB144297BS



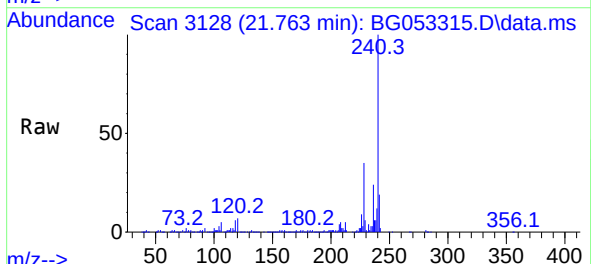
Tgt Ion:202 Resp: 65154
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 17.7 0.0 37.7

Manual Integrations
APPROVED

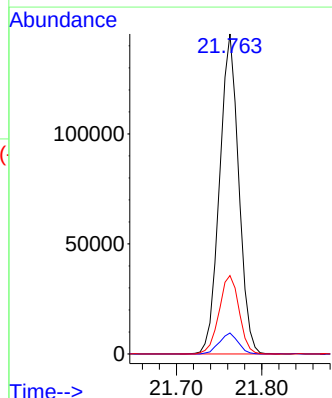
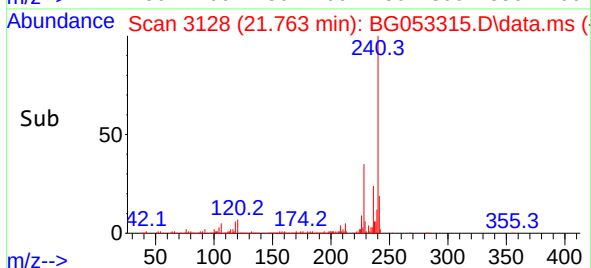
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

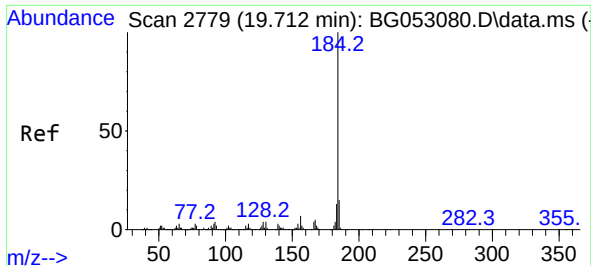


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



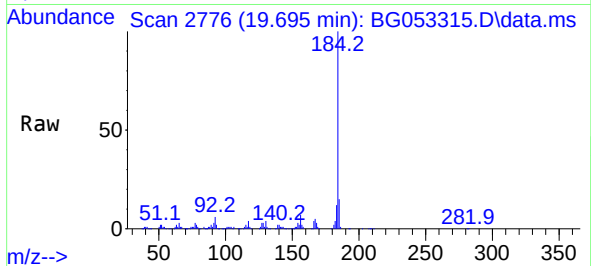
Tgt Ion:240 Resp: 226104
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.5 19.8 29.6





#77
Benzidine
Concen: 36.455 ng
RT: 19.695 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

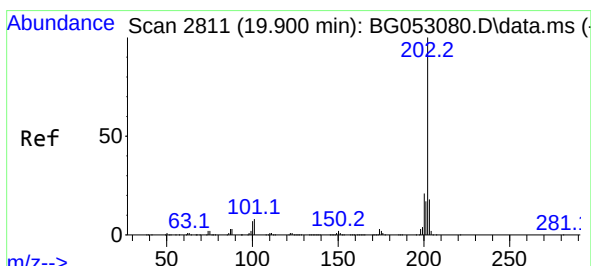
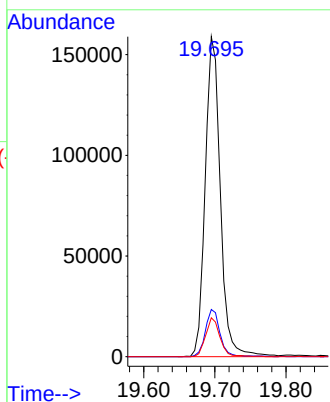
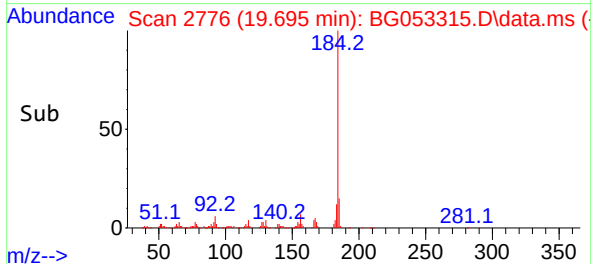
Instrument :
BNA_G
ClientSampleId :
PB144297BS



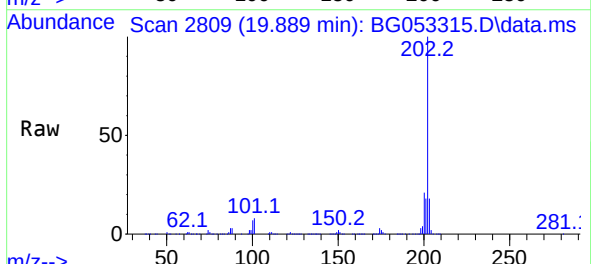
Tgt Ion:184 Resp: 235178
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.2 9.4 14.2

Manual Integrations
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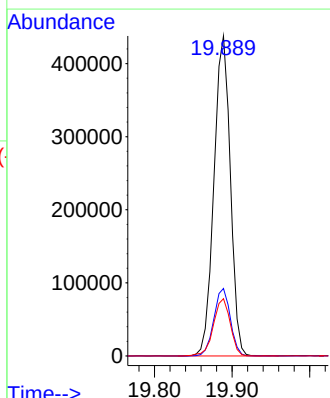
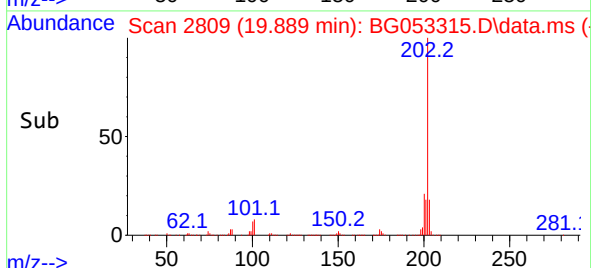
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

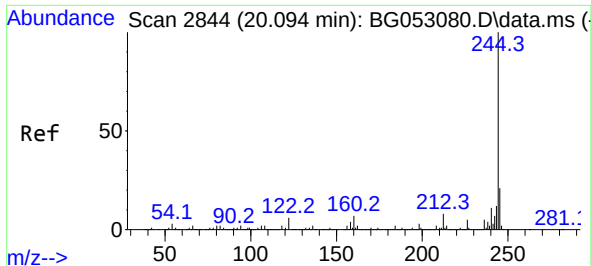


#78
Pyrene
Concen: 39.903 ng
RT: 19.889 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:202 Resp: 642556
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.9 15.0 22.6





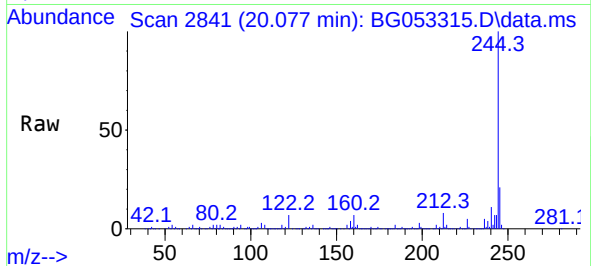
#79
 Terphenyl-d14
 Concen: 80.139 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB144297BS

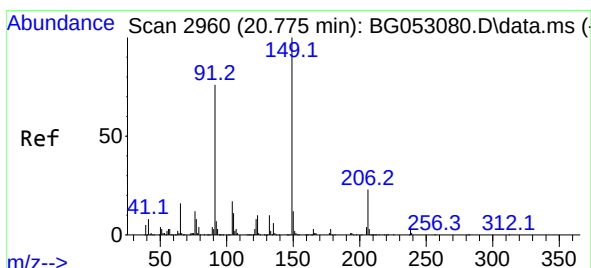
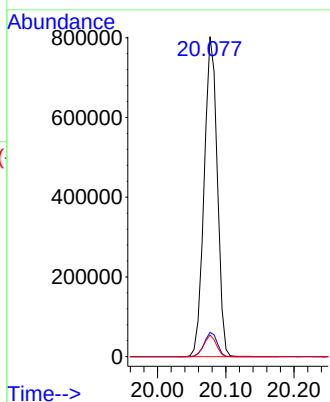
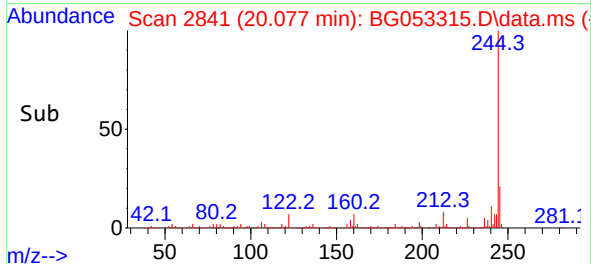


Tgt Ion:244 Resp: 1072860
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.7 5.8 8.6

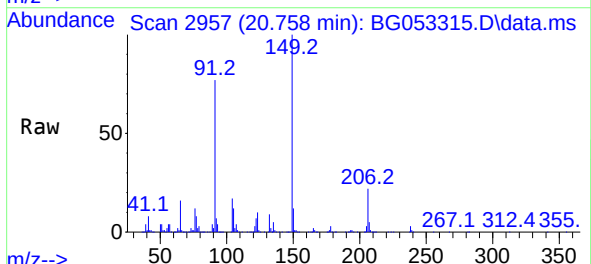
Manual Integrations

APPROVED

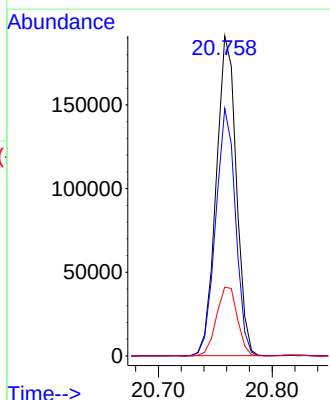
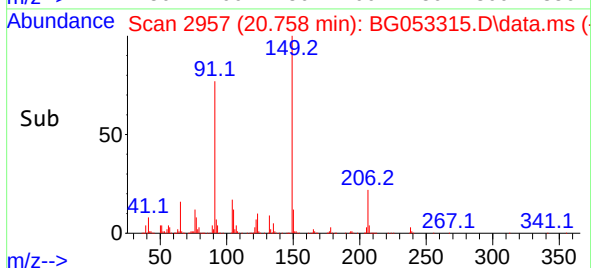
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/27/2022

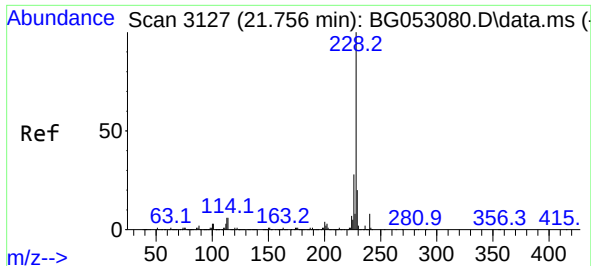


#80
 Butylbenzylphthalate
 Concen: 39.090 ng
 RT: 20.758 min Scan# 2957
 Delta R.T. -0.009 min
 Lab File: BG053315.D
 Acq: 26 Apr 2022 11:19



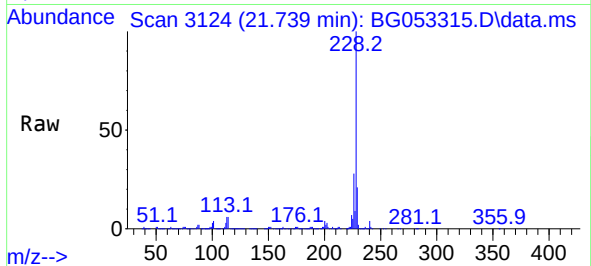
Tgt Ion:149 Resp: 234675
 Ion Ratio Lower Upper
 149 100
 91 77.4 60.2 90.4
 206 21.5 19.4 29.2





#81
Benzo(a)anthracene
Concen: 39.692 ng
RT: 21.739 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

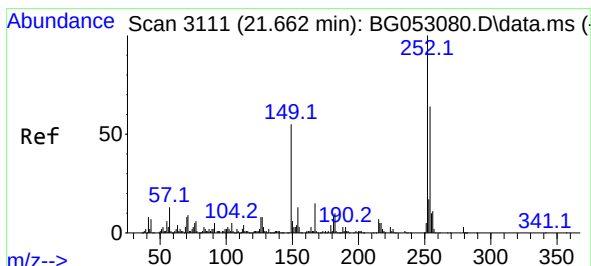
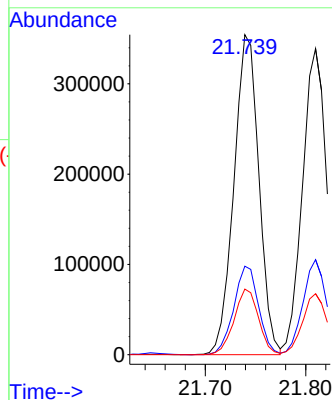
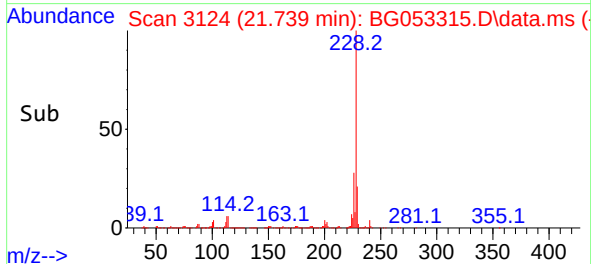
Instrument :
BNA_G
ClientSampleId :
PB144297BS



Tgt Ion:228 Resp: 613609
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.5 16.7 25.1

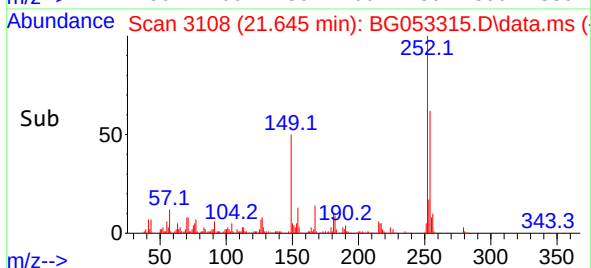
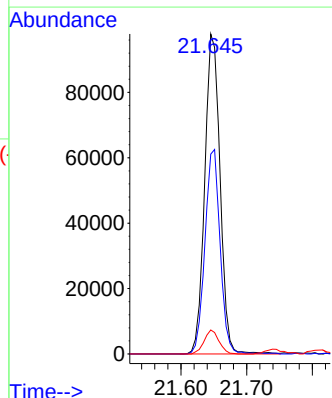
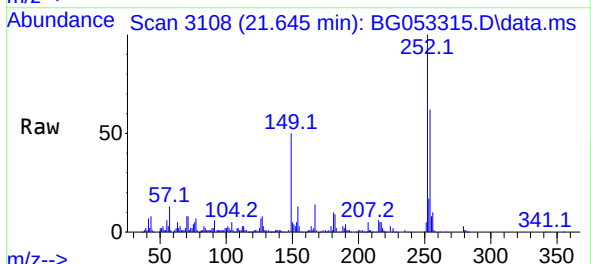
Manual Integrations
APPROVED

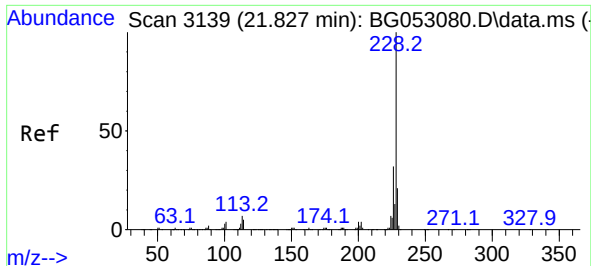
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.052 ng
RT: 21.645 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

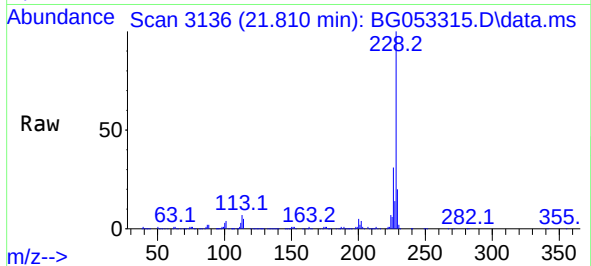
Tgt Ion:252 Resp: 159488
Ion Ratio Lower Upper
252 100
254 62.5 51.2 76.8
126 7.5 5.8 8.8





#83
Chrysene
Concen: 39.462 ng
RT: 21.810 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

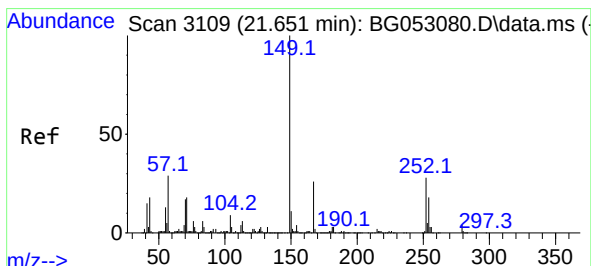
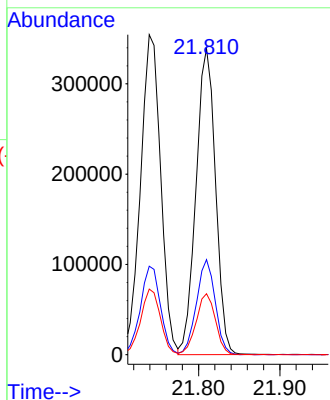
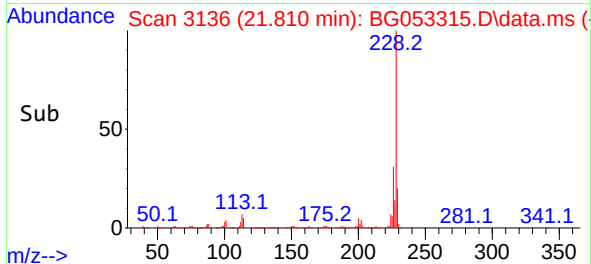
Instrument :
BNA_G
ClientSampleId :
PB144297BS



Tgt Ion:228 Resp: 56617
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 19.9 16.3 24.5

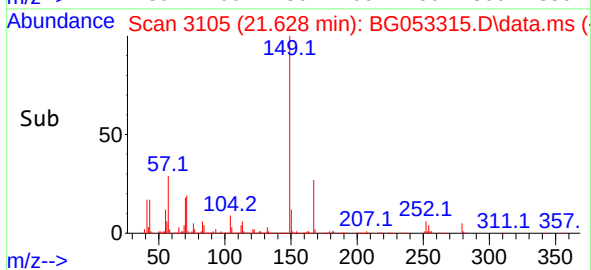
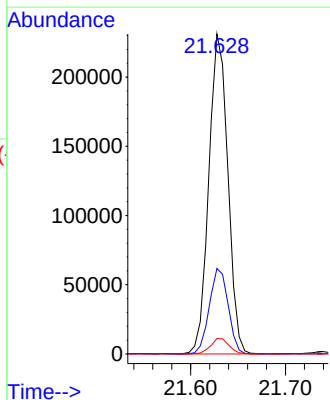
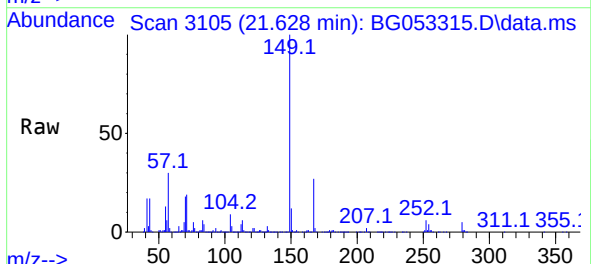
Manual Integrations
APPROVED

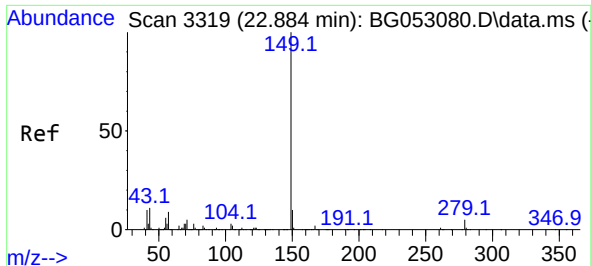
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.726 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

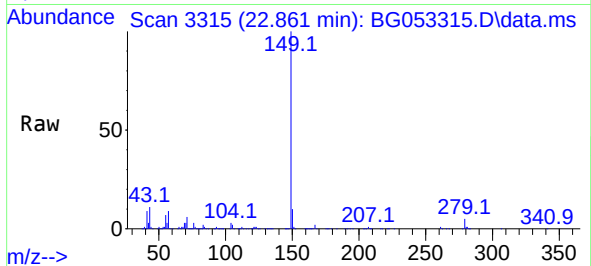
Tgt Ion:149 Resp: 322379
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.8 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 39.500 ng
RT: 22.861 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

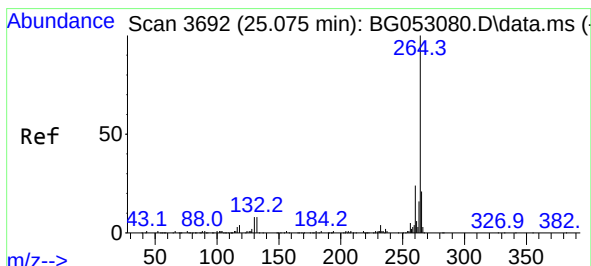
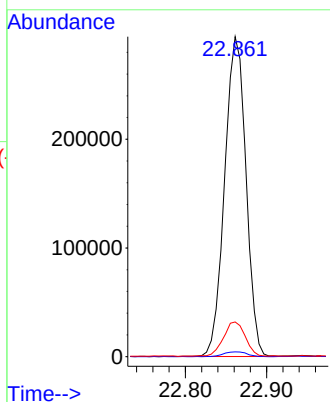
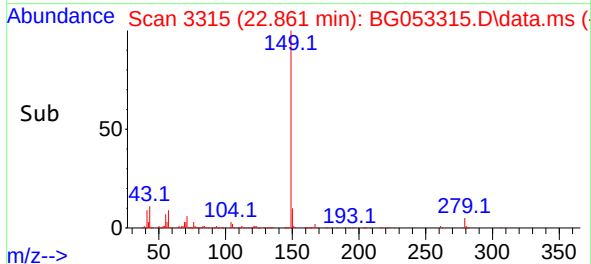
Instrument :
BNA_G
ClientSampleId :
PB144297BS



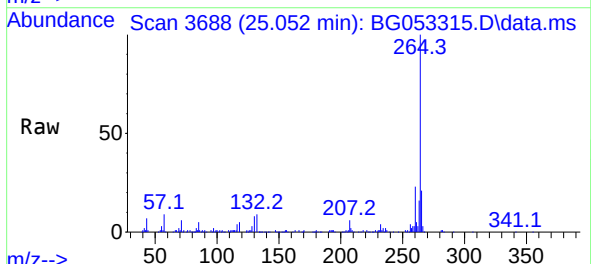
Tgt Ion:149 Resp: 536084
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 7.6 11.4

Manual Integrations
APPROVED

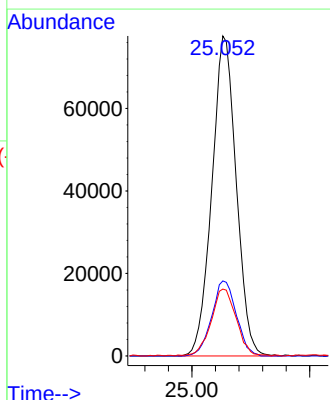
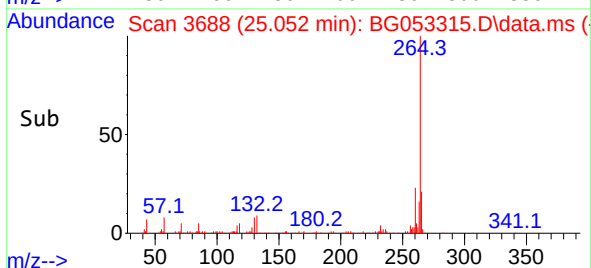
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

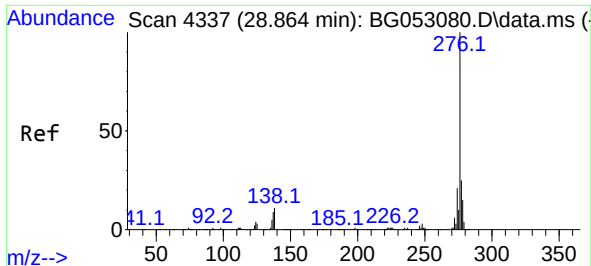


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.052 min Scan# 3688
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



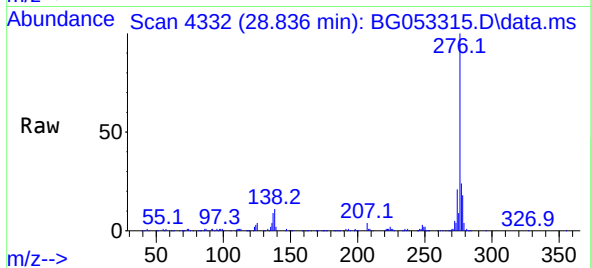
Tgt Ion:264 Resp: 222387
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 20.9 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.754 ng
RT: 28.836 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

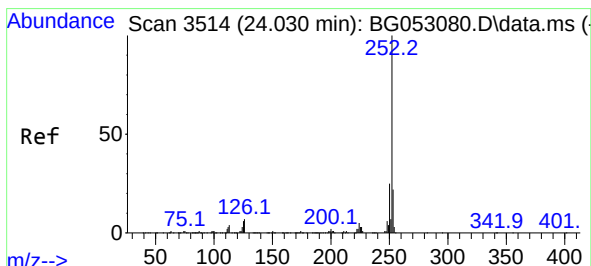
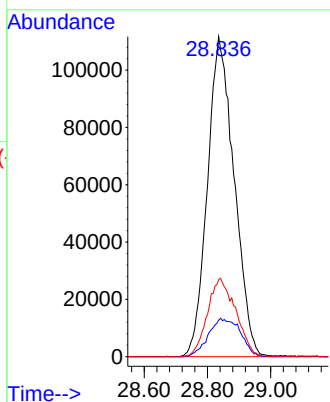
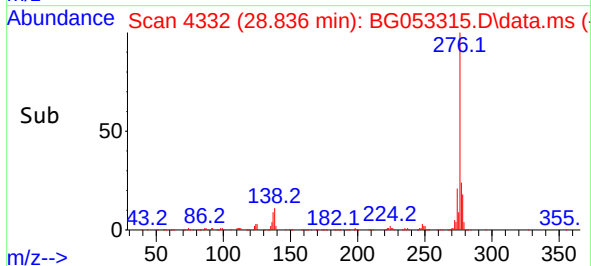
Instrument :
BNA_G
ClientSampleId :
PB144297BS



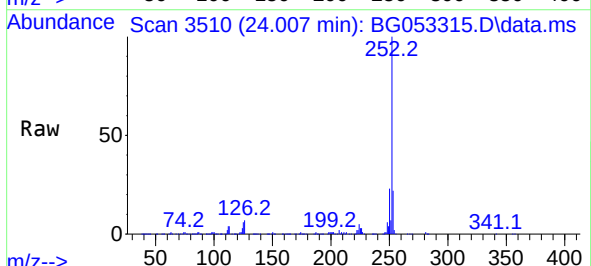
Tgt Ion:276 Resp: 65682
Ion Ratio Lower Upper
276 100
138 14.2 8.7 13.1
277 25.9 20.2 30.4

Manual Integrations
APPROVED

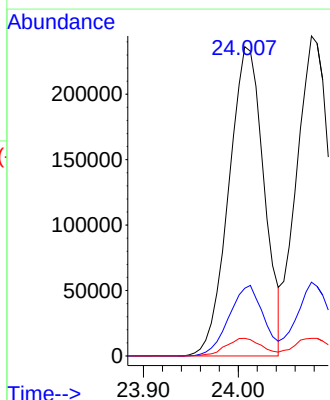
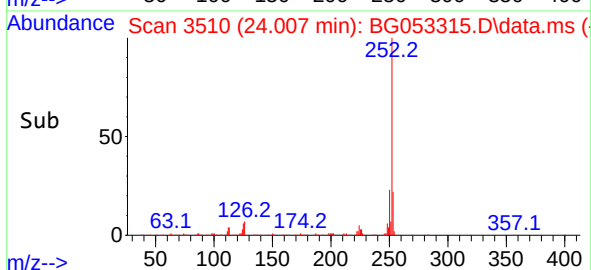
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

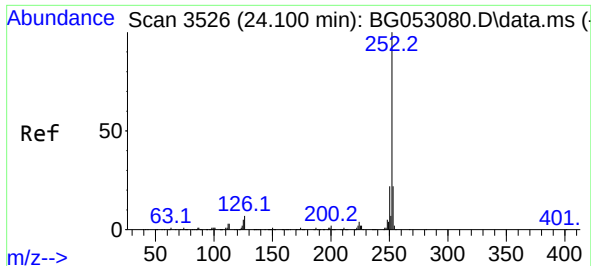


#88
Benzo(b)fluoranthene
Concen: 43.492 ng
RT: 24.007 min Scan# 3510
Delta R.T. -0.015 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:252 Resp: 610245
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 5.7 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 42.751 ng
RT: 24.077 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

Instrument :

BNA_G

ClientSampleId :

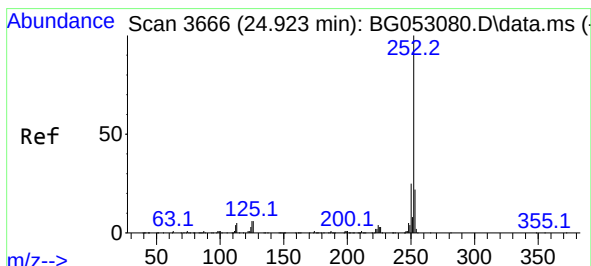
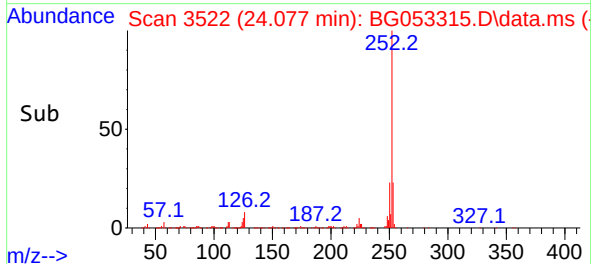
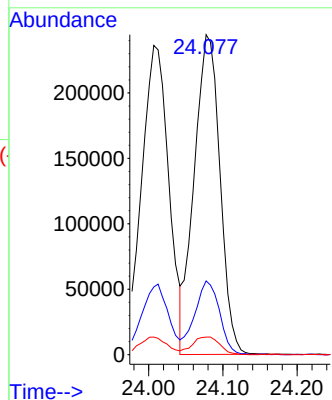
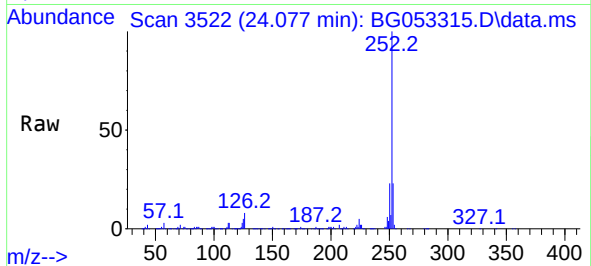
PB144297BS

Tgt Ion:252 Resp: 58954
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 5.5 5.0 7.4

Manual Integrations

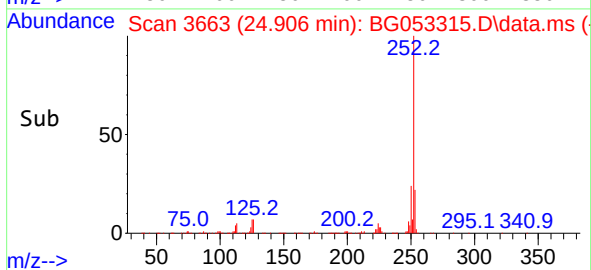
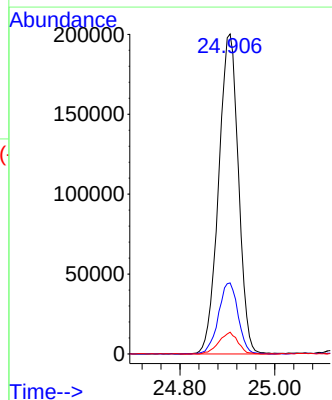
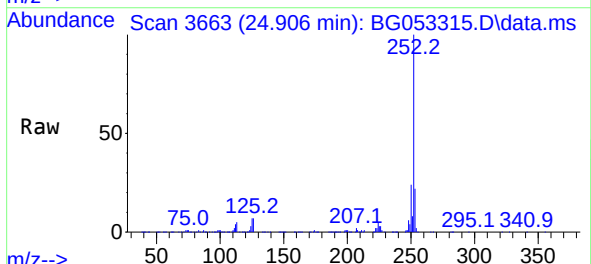
APPROVED

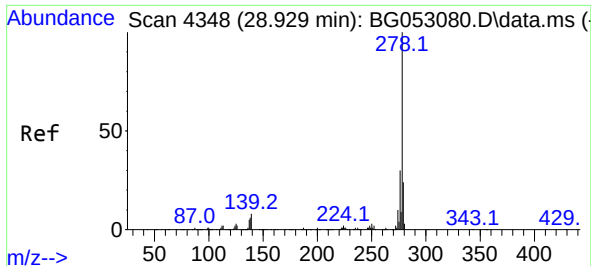
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#90
Benzo(a)pyrene
Concen: 48.602 ng
RT: 24.906 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

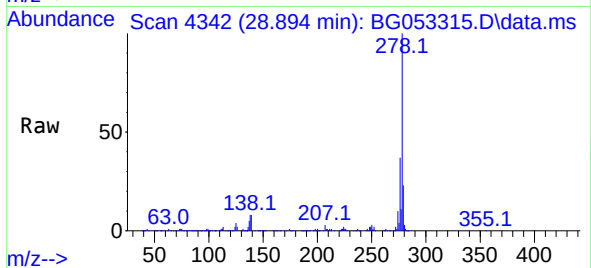
Tgt Ion:252 Resp: 580961
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.8 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 42.176 ng
RT: 28.894 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19

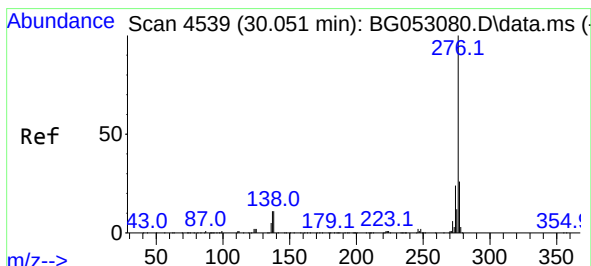
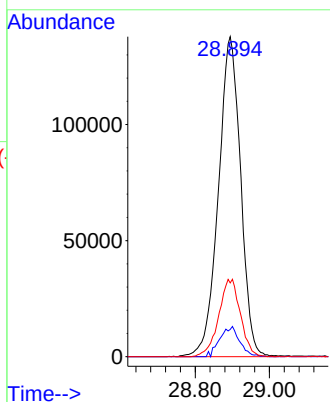
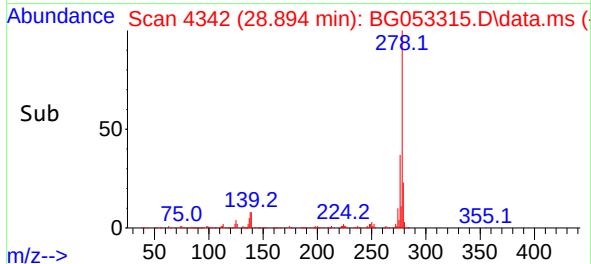
Instrument :
BNA_G
ClientSampleId :
PB144297BS



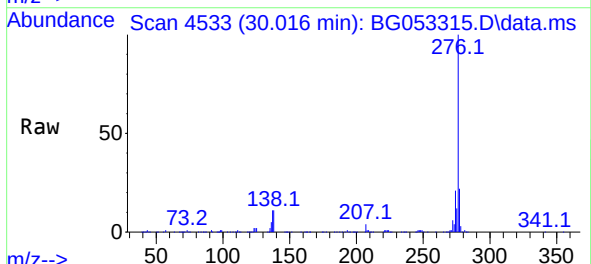
Tgt Ion:278 Resp: 573529
Ion Ratio Lower Upper
278 100
139 8.5 7.8 11.6
279 23.1 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#92
Benzo(g,h,i)perylene
Concen: 42.806 ng
RT: 30.016 min Scan# 4533
Delta R.T. -0.020 min
Lab File: BG053315.D
Acq: 26 Apr 2022 11:19



Tgt Ion:276 Resp: 573732
Ion Ratio Lower Upper
276 100
277 21.6 18.2 27.2
138 10.6 9.1 13.7

