

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
 Data File : BG052668.D
 Acq On : 15 Mar 2022 16:17
 Operator : CG/JU
 Sample : PB143358BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143358BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 15 19:04:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	32244	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	139411	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	103023	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	253321	20.000	ng	0.00
76) Chrysene-d12	21.812	240	275892	20.000	ng	0.00
86) Perylene-d12	25.137	264	293442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	274061	148.021	ng	0.00
7) Phenol-d6	7.303	99	379274	135.876	ng	0.00
23) Nitrobenzene-d5	9.318	82	248765	89.560	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	180290	130.234	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	588735	84.282	ng	0.00
79) Terphenyl-d14	20.121	244	1292151	83.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.596	88	33391	36.053	ng	95
3) Pyridine	3.995	79	86728	36.530	ng	# 90
4) n-Nitrosodimethylamine	3.901	42	47554	45.151	ng	87
6) Aniline	7.473	93	123647	37.779	ng	93
8) 2-Chlorophenol	7.714	128	101063	51.948	ng	96
9) Benzaldehyde	7.285	77	68463	46.267	ng	98
10) Phenol	7.332	94	134441	48.792	ng	92
11) bis(2-Chloroethyl)ether	7.567	93	95450	45.871	ng	95
12) 1,3-Dichlorobenzene	8.049	146	108038	46.123	ng	96
13) 1,4-Dichlorobenzene	8.190	146	107471	45.664	ng	98
14) 1,2-Dichlorobenzene	8.513	146	103961	46.707	ng	97
15) Benzyl Alcohol	8.384	79	111746	47.546	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.677	45	165185	45.585	ng	96
17) 2-Methylphenol	8.589	107	90398	49.213	ng	98
18) Hexachloroethane	9.247	117	40425	46.816	ng	91
19) n-Nitroso-di-n-propyla...	8.965	70	89179	45.109	ng	# 96
20) 3+4-Methylphenols	8.912	107	123770	48.147	ng	96
22) Acetophenone	8.977	105	153048	42.422	ng	# 94
24) Nitrobenzene	9.359	77	132283	47.597	ng	# 89
25) Isophorone	9.887	82	245298	45.608	ng	# 98
26) 2-Nitrophenol	10.075	139	46070	47.734	ng	93
27) 2,4-Dimethylphenol	10.128	122	101807	51.561	ng	94
28) bis(2-Chloroethoxy)met...	10.363	93	135775	42.694	ng	99
29) 2,4-Dichlorophenol	10.610	162	106088	47.749	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	112936	43.089	ng	98
31) Naphthalene	11.021	128	309977	42.998	ng	99
32) Benzoic acid	10.246	122	58475	40.840	ng	# 89
33) 4-Chloroaniline	11.115	127	52737	17.260	ng	96
34) Hexachlorobutadiene	11.315	225	81200	43.210	ng	97
35) Caprolactam	11.885	113	30379m	50.075	ng	
36) 4-Chloro-3-methylphenol	12.225	107	118627	45.979	ng	98
37) 2-Methylnaphthalene	12.619	142	231473	43.843	ng	98
38) 1-Methylnaphthalene	12.836	142	220776	42.847	ng	96
40) 1,2,4,5-Tetrachloroben...	12.983	216	136075	42.277	ng	98
41) Hexachlorocyclopentadiene	12.972	237	201088	105.400	ng	94
43) 2,4,6-Trichlorophenol	13.212	196	94403	45.800	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	101580	48.553	ng	95
46) 1,1'-Biphenyl	13.612	154	309407	42.945	ng	98
47) 2-Chloronaphthalene	13.659	162	242539	42.746	ng	98
48) 2-Nitroaniline	13.847	65	76134	49.064	ng	97
49) Acenaphthylene	14.499	152	411554	45.502	ng	99
50) Dimethylphthalate	14.223	163	328981	42.966	ng	99
51) 2,6-Dinitrotoluene	14.334	165	63784	49.340	ng	# 80
52) Acenaphthene	14.840	154	274920	47.446	ng	97
53) 3-Nitroaniline	14.663	138	46201	30.542	ng	# 97
54) 2,4-Dinitrophenol	14.869	184	69209	98.215	ng	90
55) Dibenzofuran	15.174	168	395203	41.765	ng	98
56) 4-Nitrophenol	14.963	139	121358	98.349	ng	86
57) 2,4-Dinitrotoluene	15.122	165	92721	51.693	ng	88
58) Fluorene	15.821	166	326339	42.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	101134	45.226	ng	99
60) Diethylphthalate	15.586	149	348614	43.133	ng	99
61) 4-Chlorophenyl-phenyle...	15.809	204	177916	41.825	ng	98
62) 4-Nitroaniline	15.826	138	70034	43.815	ng	86
63) Azobenzene	16.103	77	359951	41.668	ng	96
65) 4,6-Dinitro-2-methylph...	15.885	198	46782	41.424	ng	97
66) n-Nitrosodiphenylamine	16.020	169	300338	42.112	ng	100
67) 4-Bromophenyl-phenylether	16.708	248	120666	39.510	ng	97
68) Hexachlorobenzene	16.831	284	141336	43.054	ng	95
69) Atrazine	16.966	200	128041	48.690	ng	98
70) Pentachlorophenol	17.166	266	184951	90.814	ng	91
71) Phenanthrene	17.559	178	575867	42.493	ng	99
72) Anthracene	17.653	178	582526	43.482	ng	99
73) Carbazole	17.912	167	551790	41.587	ng	99
74) Di-n-butylphthalate	18.476	149	651165	44.924	ng	99
75) Fluoranthene	19.568	202	772994	44.935	ng	100
77) Benzidine	19.733	184	302625	42.529	ng	99
78) Pyrene	19.927	202	787270	41.137	ng	99
80) Butylbenzylphthalate	20.814	149	292152	43.035	ng	98
81) Benzo(a)anthracene	21.789	228	786799	42.589	ng	98
82) 3,3'-Dichlorobenzidine	21.695	252	166279	25.488	ng	100
83) Chrysene	21.859	228	719356	41.419	ng	99
84) Bis(2-ethylhexyl)phtha...	21.701	149	411690	44.593	ng	98
85) Di-n-octyl phthalate	22.958	149	698202	45.428	ng	98
87) Indeno(1,2,3-cd)pyrene	28.938	276	851464	42.392	ng	99
88) Benzo(b)fluoranthene	24.080	252	834203	45.785	ng	99
89) Benzo(k)fluoranthene	24.151	252	770379	42.975	ng	99
90) Benzo(a)pyrene	24.979	252	786957	51.026	ng	97
91) Dibenzo(a,h)anthracene	29.020	278	737830	44.581	ng	97
92) Benzo(g,h,i)perylene	30.137	276	737650	45.046	ng	# 94

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

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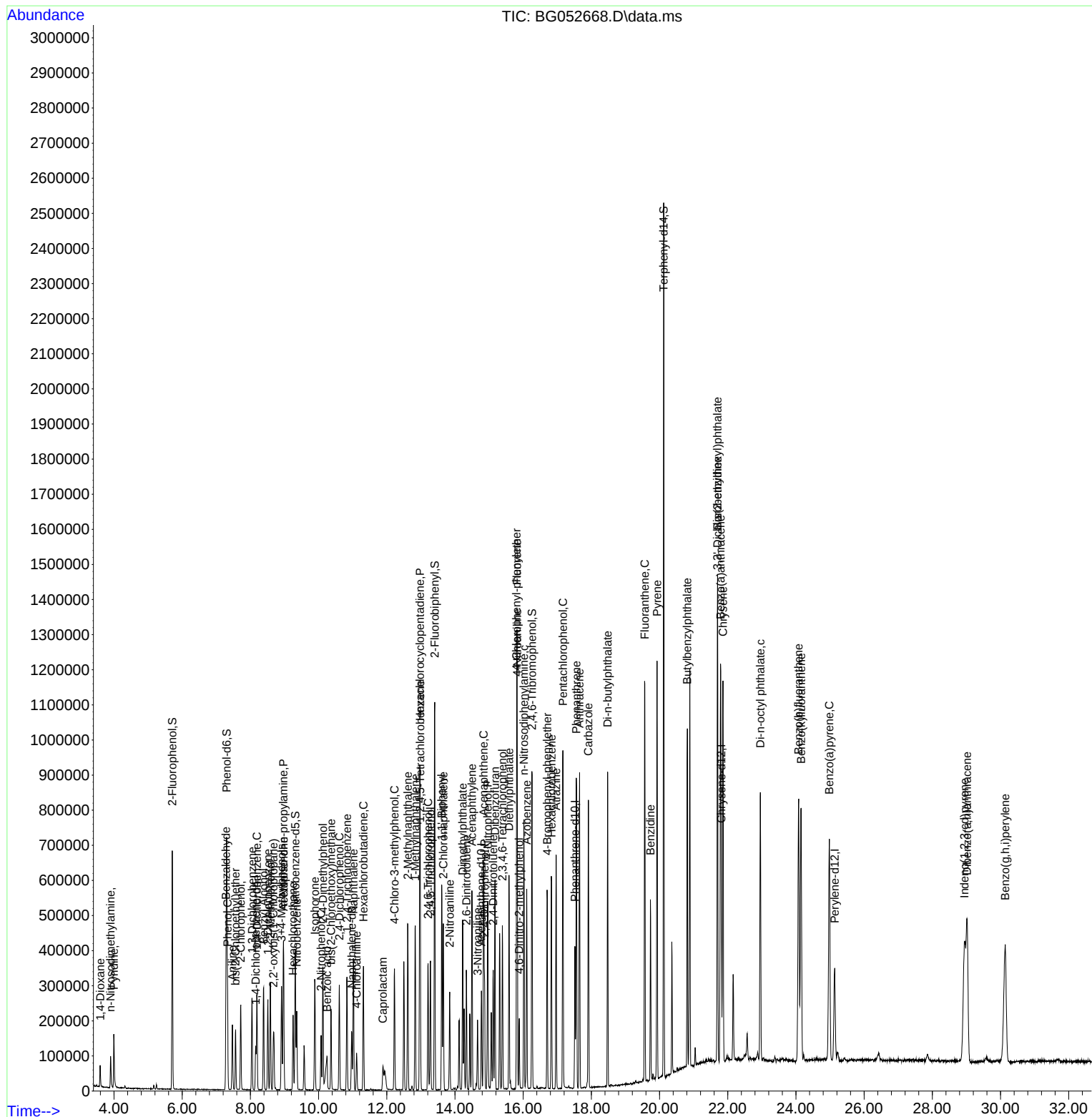
Quant Time: Mar 15 19:04:01 2022

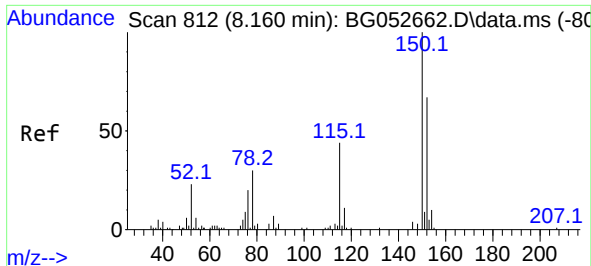
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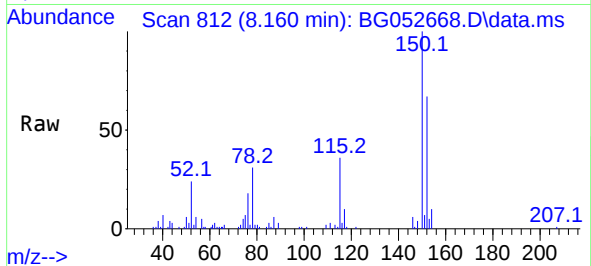
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

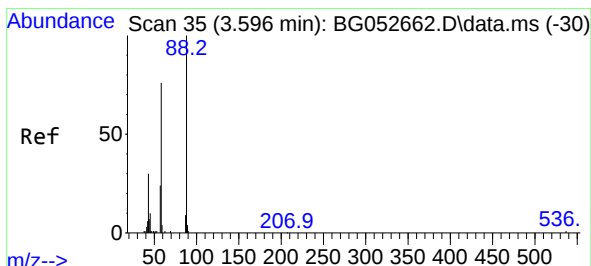
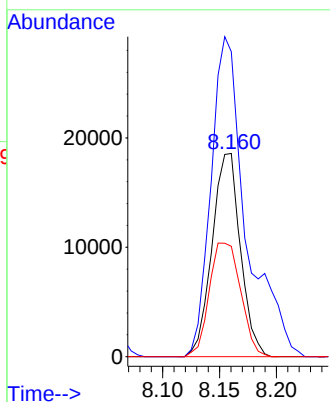
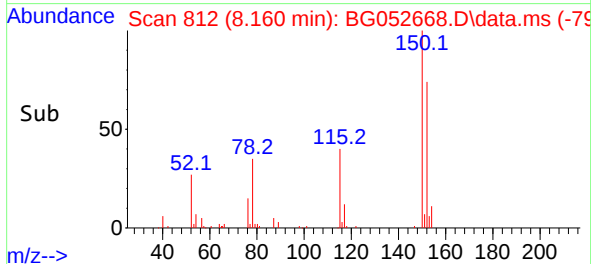
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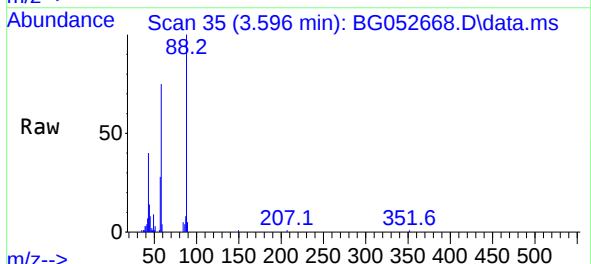
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Ion Ratio Lower Upper
152 100
150 150.1 114.6 172.0
115 54.3 45.9 68.9

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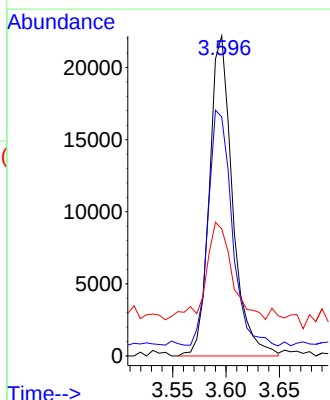
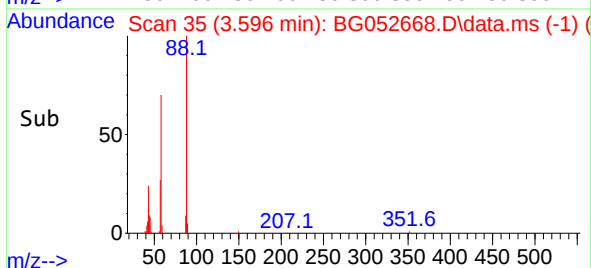
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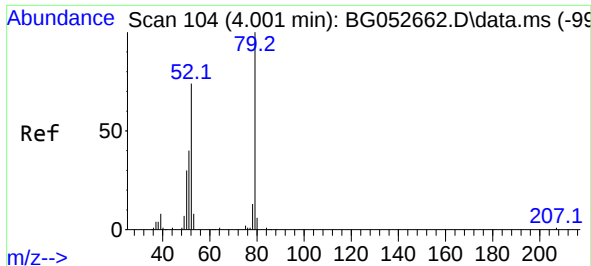


#2
1,4-Dioxane
Concen: 36.053 ng
RT: 3.596 min Scan# 35
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion: 88 Resp: 33391
Ion Ratio Lower Upper
88 100
58 75.7 58.2 87.2
43 34.4 23.4 35.0





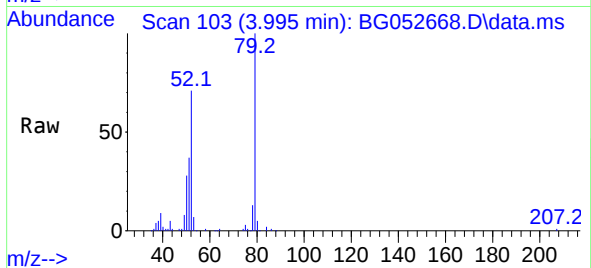
#3
Pyridine
Concen: 36.530 ng
RT: 3.995 min Scan# 104
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

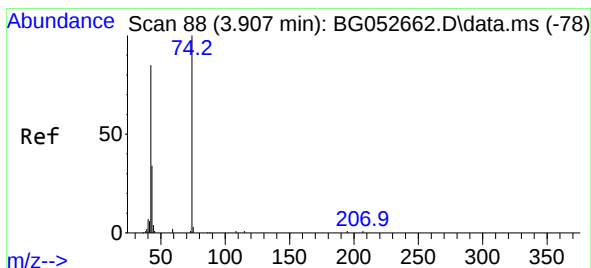
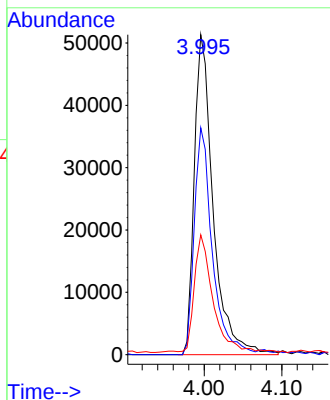
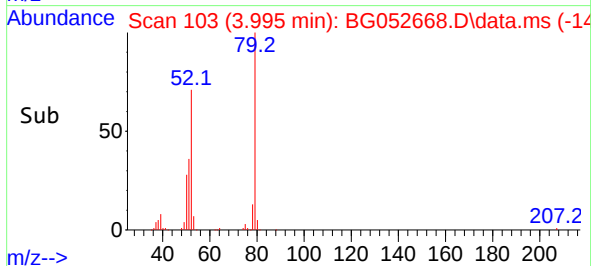
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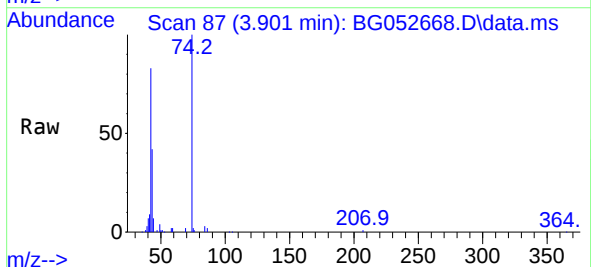
Tgt Ion: 79 Resp: 86728
Ion Ratio Lower Upper
79 100
52 70.9 50.9 76.3
51 37.5 24.4 36.6

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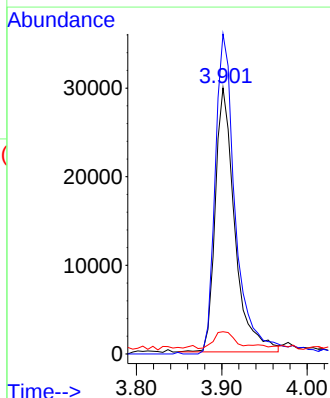
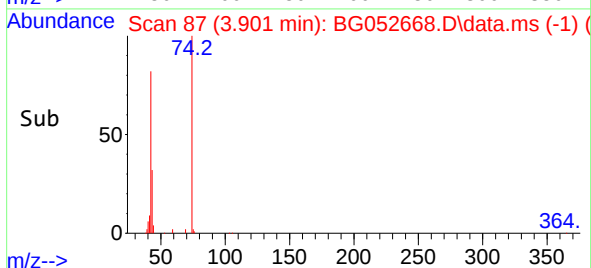
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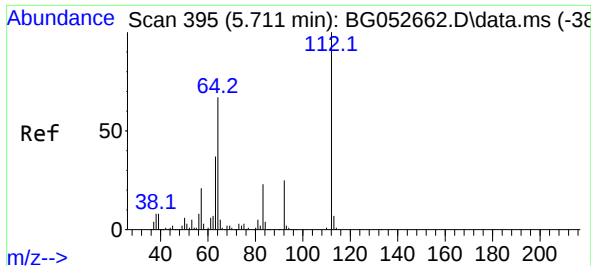


#4
n-Nitrosodimethylamine
Concen: 45.151 ng
RT: 3.901 min Scan# 87
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion: 42 Resp: 47554
Ion Ratio Lower Upper
42 100
74 120.2 108.9 163.3
44 8.4 5.7 8.5





#5
2-Fluorophenol
Concen: 148.021 ng
RT: 5.711 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

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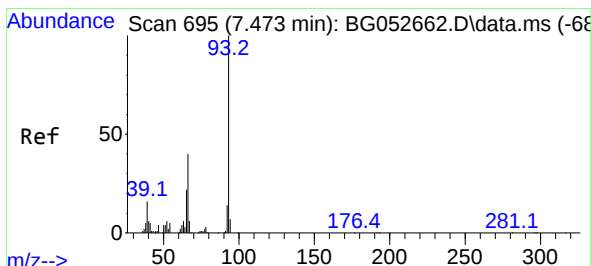
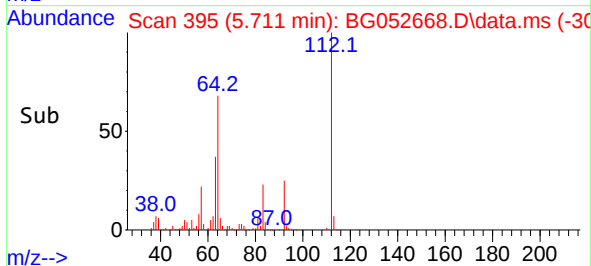
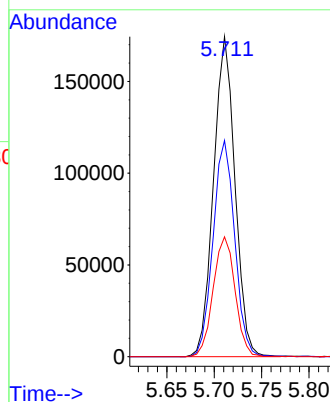
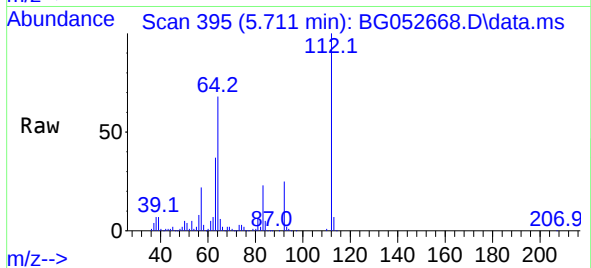
ClientSampleId :

PB143358BS

Tgt Ion:112 Resp: 27406
Ion Ratio Lower Upper
112 100
64 67.5 48.0 72.0
63 37.4 26.5 39.7

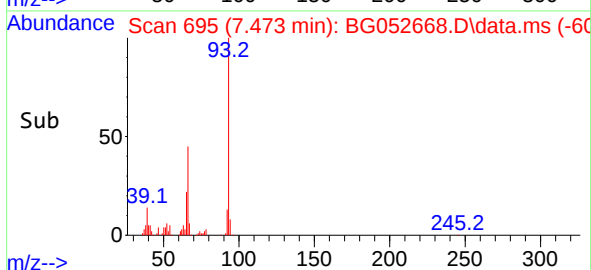
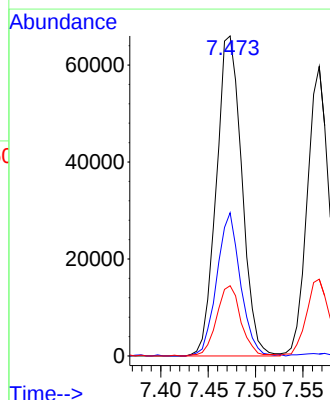
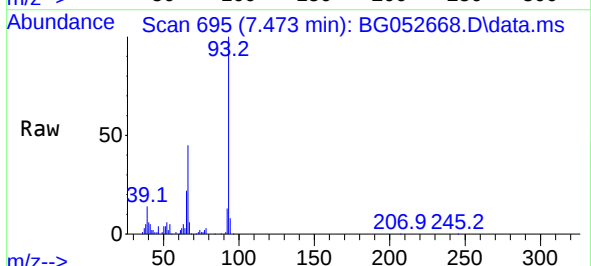
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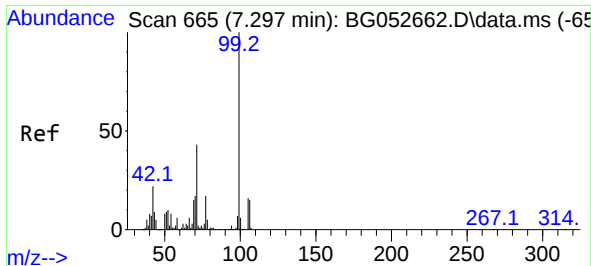
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#6
Aniline
Concen: 37.779 ng
RT: 7.473 min Scan# 695
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

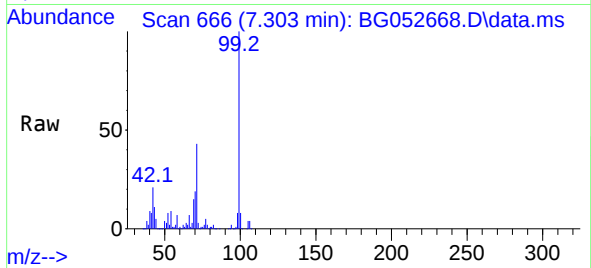
Tgt Ion: 93 Resp: 123647
Ion Ratio Lower Upper
93 100
66 44.8 31.3 46.9
65 22.0 16.7 25.1





#7
Phenol-d6
Concen: 135.876 ng
RT: 7.303 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

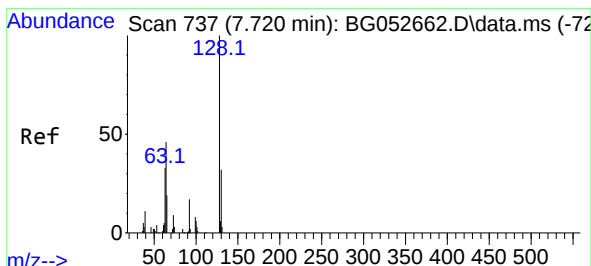
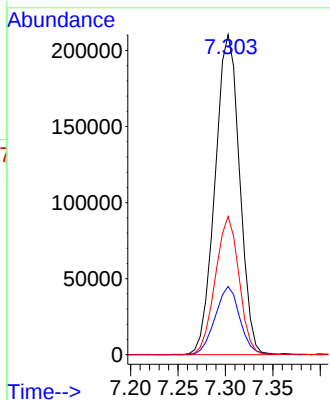
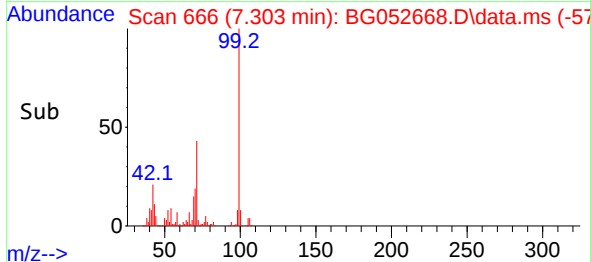
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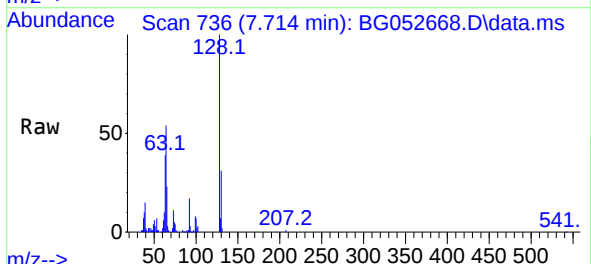
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Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 43.2 29.2 43.8

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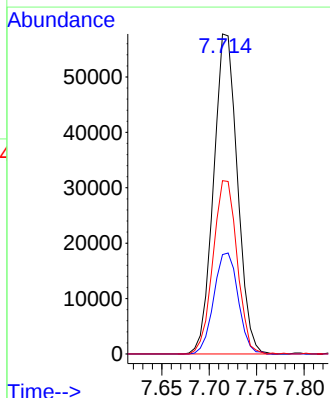
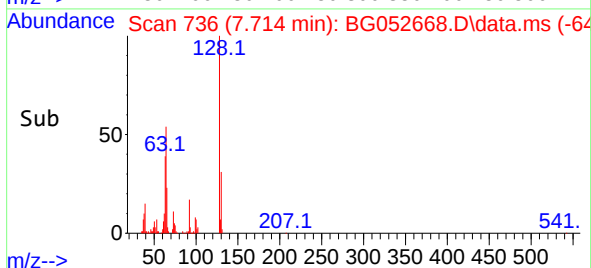
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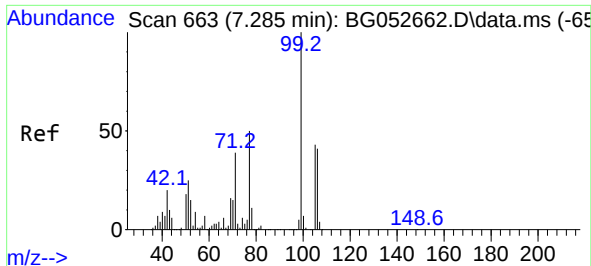


#8
2-Chlorophenol
Concen: 51.948 ng
RT: 7.714 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG052668.D
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Tgt Ion:128 Resp: 101063
Ion Ratio Lower Upper
128 100
130 31.0 13.4 53.4
64 54.2 30.9 70.9





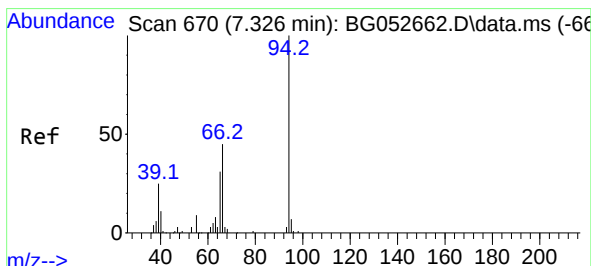
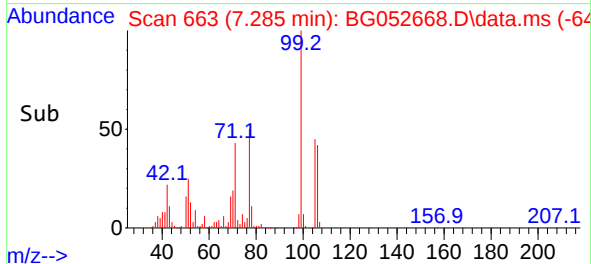
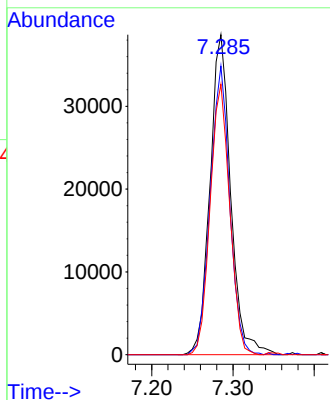
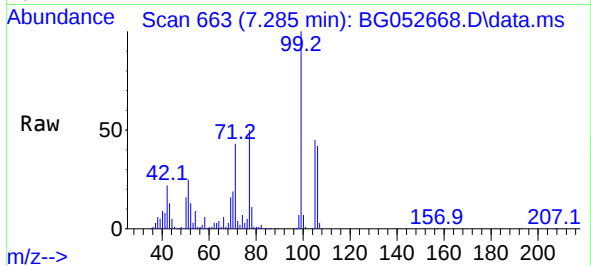
#9
Benzaldehyde
Concen: 46.267 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.000 min
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Tgt Ion: 77 Resp: 6846
Ion Ratio Lower Upper
77 100
105 90.2 70.6 110.6
106 84.5 67.6 107.6

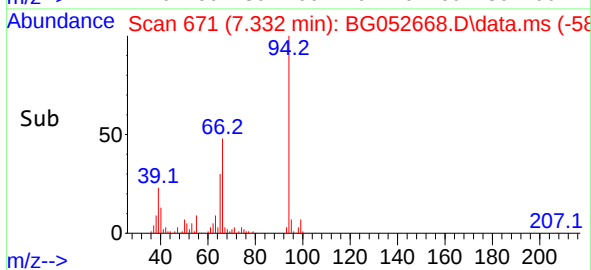
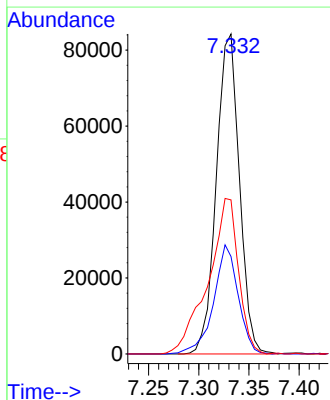
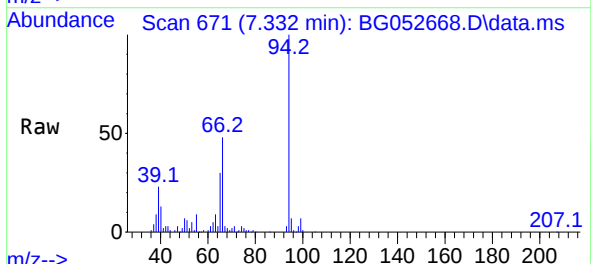
Manual Integrations
APPROVED

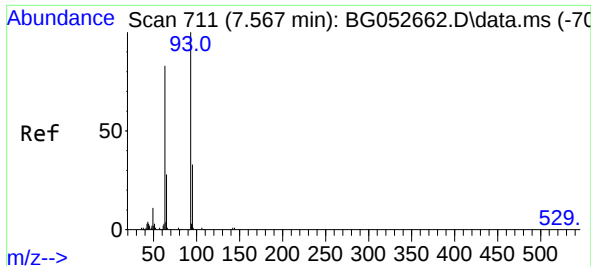
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#10
Phenol
Concen: 48.792 ng
RT: 7.332 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion: 94 Resp: 134441
Ion Ratio Lower Upper
94 100
65 30.5 11.1 51.1
66 48.1 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 45.871 ng

RT: 7.567 min Scan# 711

Delta R.T. -0.000 min

Lab File: BG052668.D

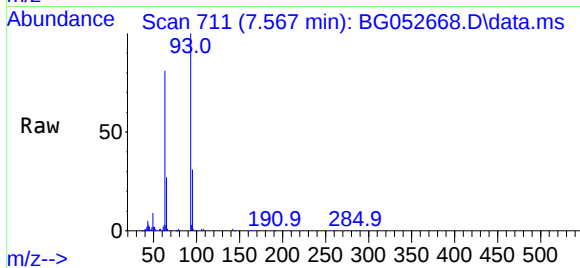
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS



Tgt Ion: 93 Resp: 95450

Ion Ratio Lower Upper

93 100

63 81.4 56.9 96.9

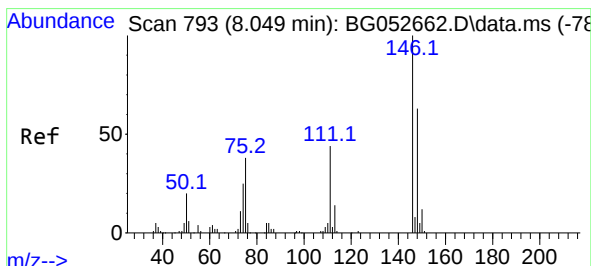
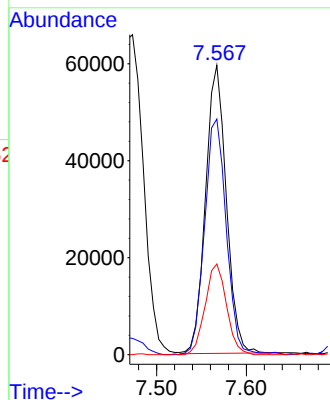
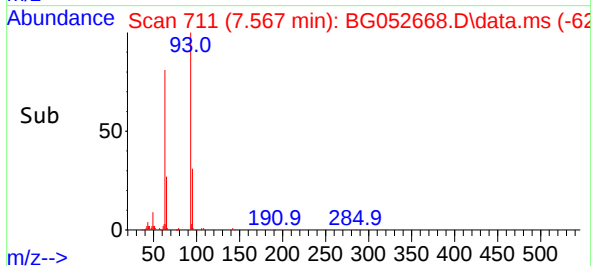
95 31.3 14.5 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#12

1,3-Dichlorobenzene

Concen: 46.123 ng

RT: 8.049 min Scan# 793

Delta R.T. -0.000 min

Lab File: BG052668.D

Acq: 15 Mar 2022 16:17

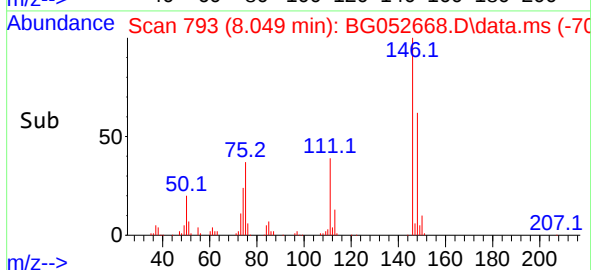
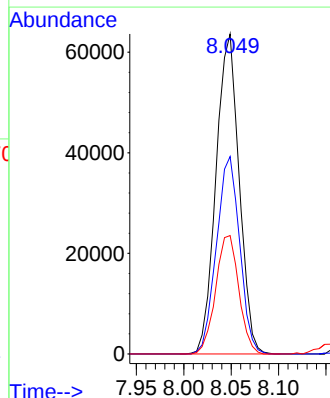
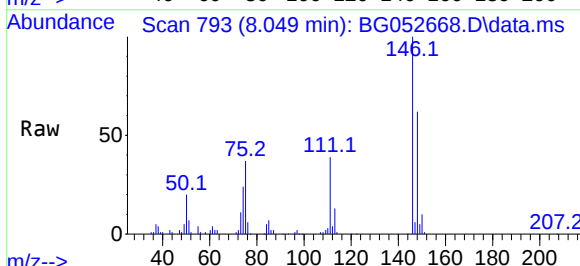
Tgt Ion:146 Resp: 108038

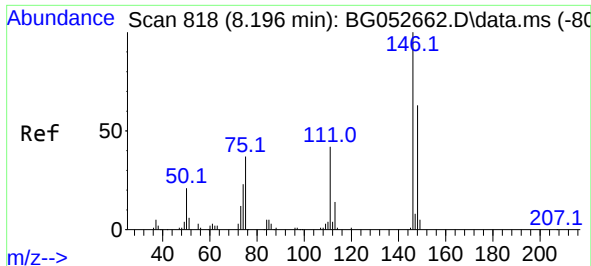
Ion Ratio Lower Upper

146 100

148 61.7 50.6 76.0

75 37.0 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 45.664 ng
RT: 8.190 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

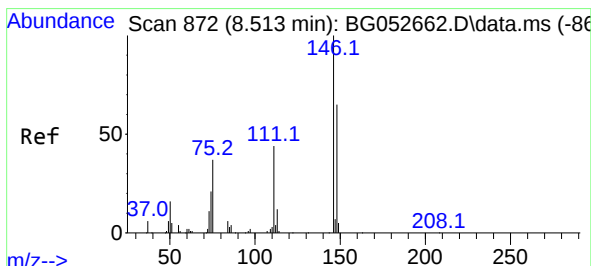
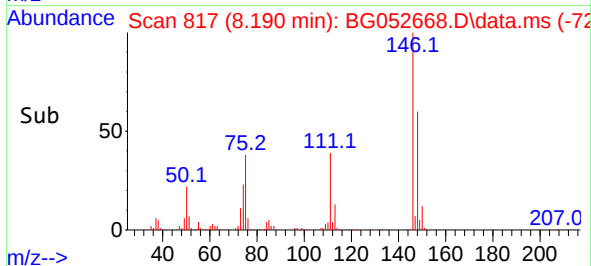
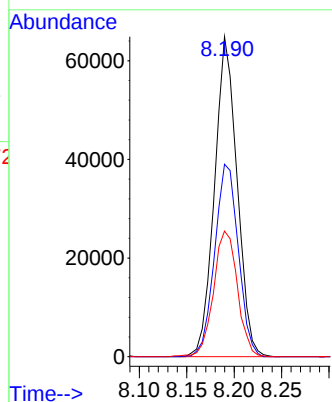
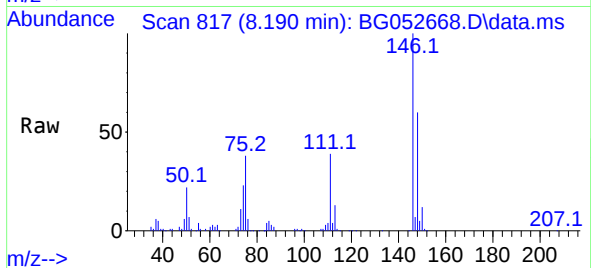
PB143358BS

Tgt Ion:146 Resp: 10747
Ion Ratio Lower Upper
146 100
148 60.2 50.0 75.0
111 39.2 31.0 46.4

Manual Integrations

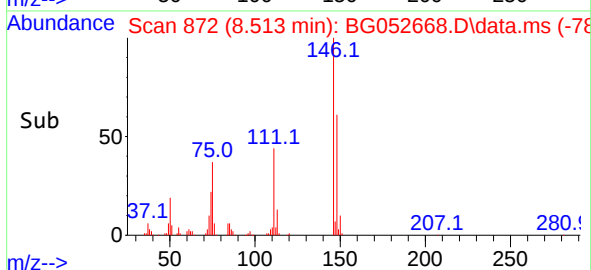
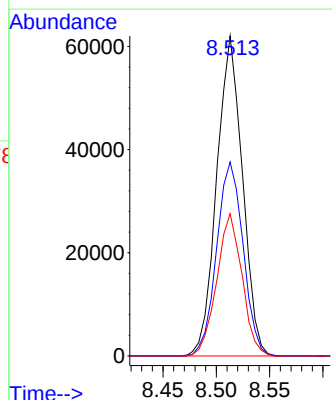
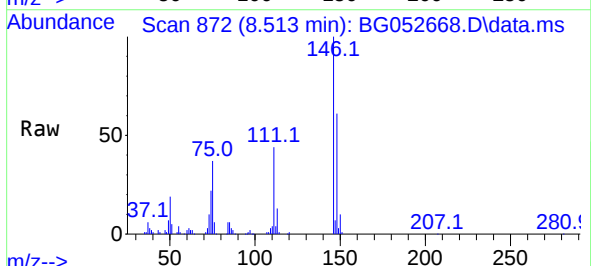
APPROVED

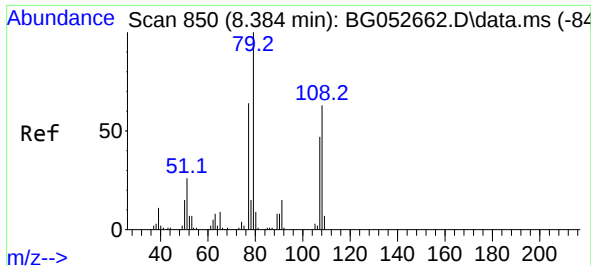
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#14
1,2-Dichlorobenzene
Concen: 46.707 ng
RT: 8.513 min Scan# 872
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:146 Resp: 103961
Ion Ratio Lower Upper
146 100
148 60.6 51.0 76.6
111 44.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 47.546 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

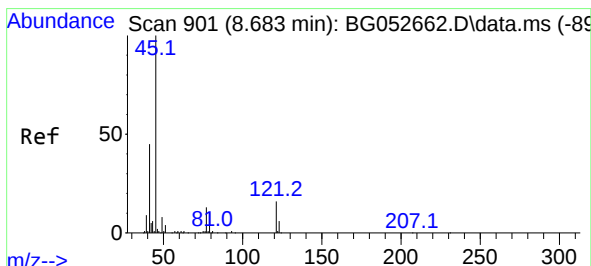
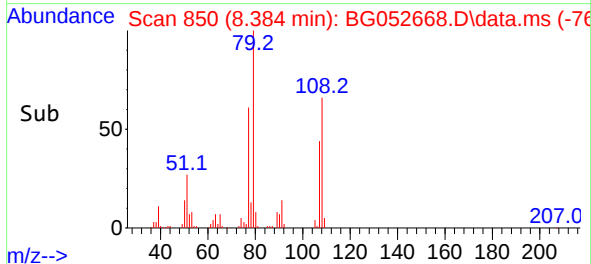
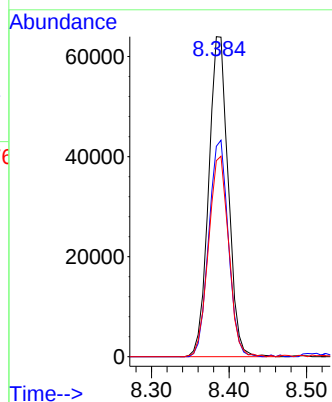
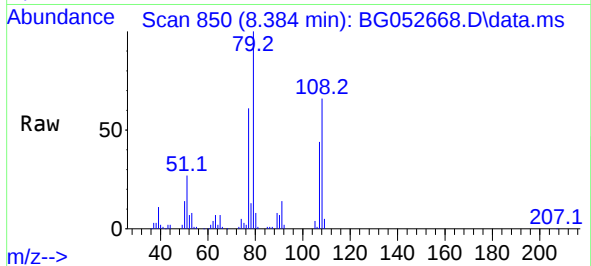
PB143358BS

Tgt Ion: 79 Resp: 111740
Ion Ratio Lower Upper
79 100
108 65.8 55.1 82.7
77 61.2 52.4 78.6

Manual Integrations

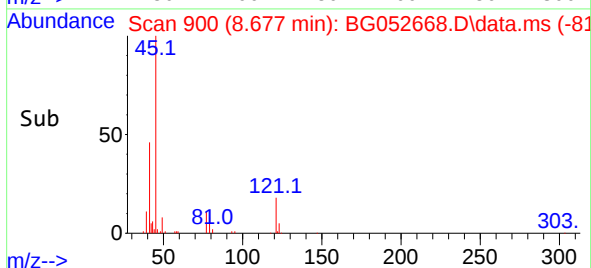
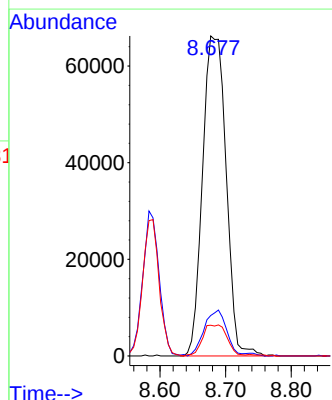
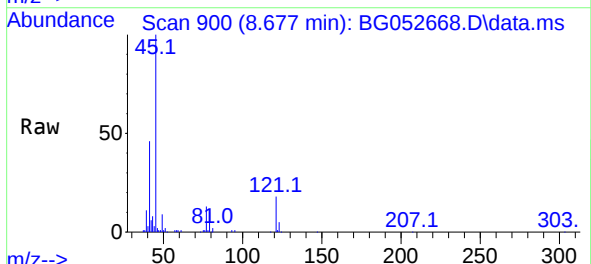
APPROVED

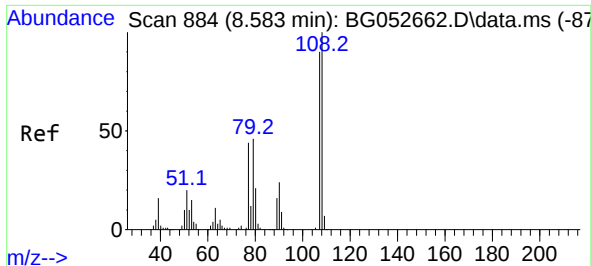
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.585 ng
RT: 8.677 min Scan# 900
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

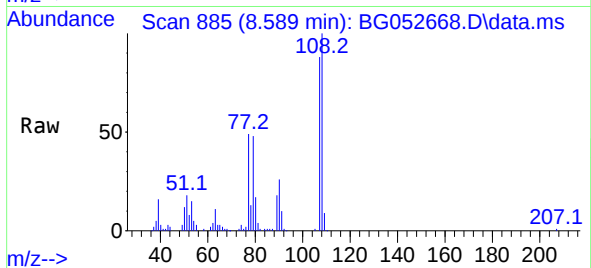
Tgt Ion: 45 Resp: 165185
Ion Ratio Lower Upper
45 100
77 12.7 0.0 34.9
79 9.6 0.0 30.7





#17
2-Methylphenol
Concen: 49.213 ng
RT: 8.589 min Scan# 884
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

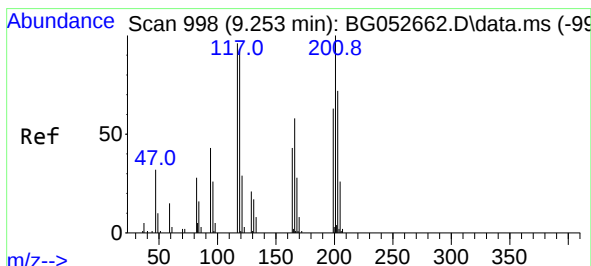
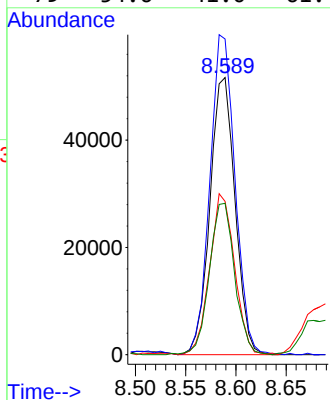
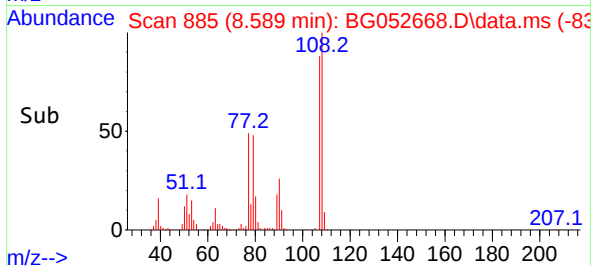
Instrument :
BNA_G
ClientSampleId :
PB143358BS



Tgt Ion:107 Resp: 90398
Ion Ratio Lower Upper
107 100
108 113.9 91.5 137.3
77 55.3 42.5 63.7
79 54.6 41.0 61.4

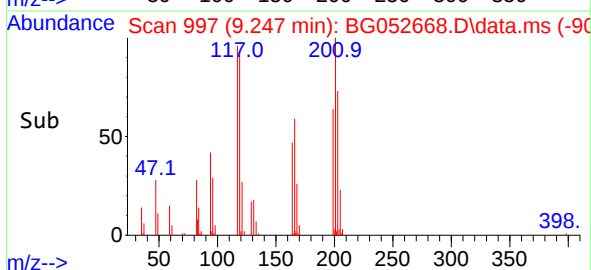
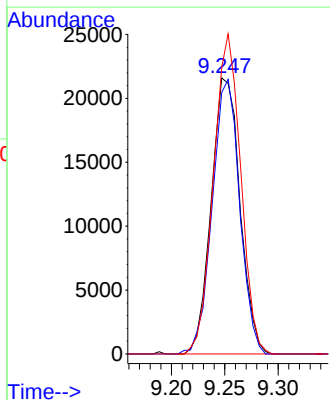
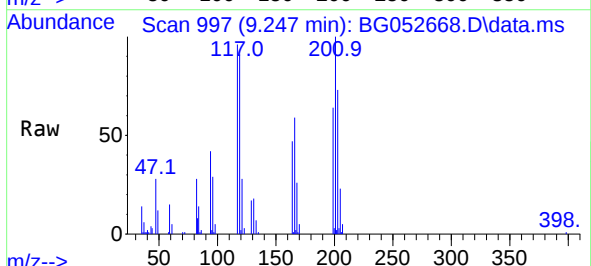
Manual Integrations
APPROVED

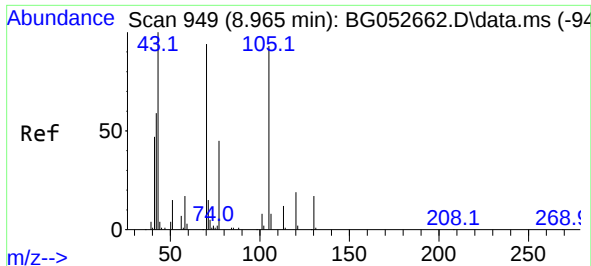
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#18
Hexachloroethane
Concen: 46.816 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:117 Resp: 40425
Ion Ratio Lower Upper
117 100
119 94.7 75.1 112.7
201 103.8 96.6 145.0





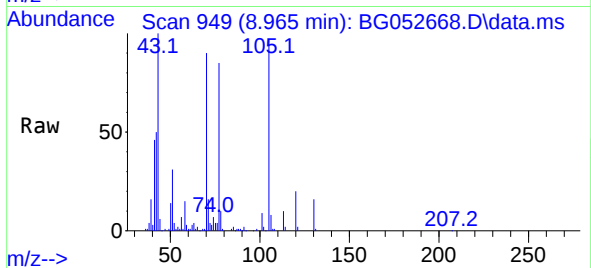
#19
n-Nitroso-di-n-propylamine
Concen: 45.109 ng
RT: 8.965 min Scan# 949
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

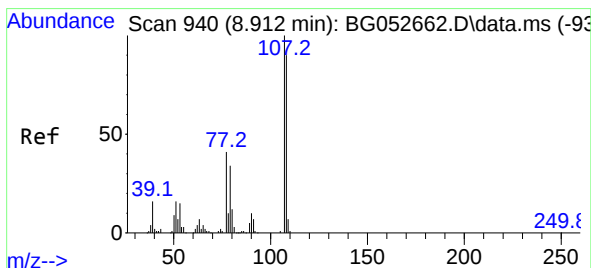
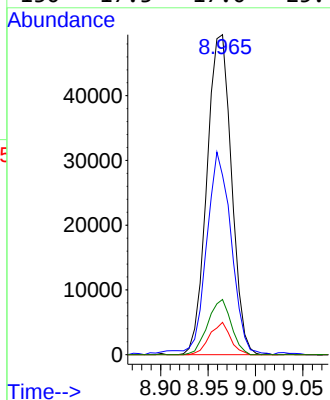
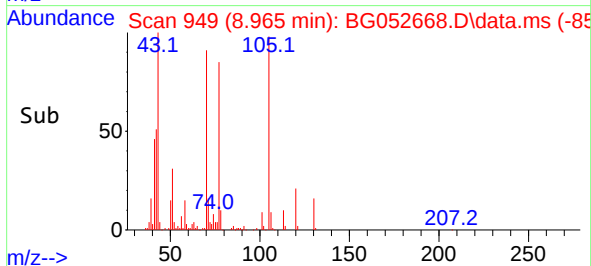


Tgt Ion: 70 Resp: 89179
Ion Ratio Lower Upper
70 100
42 56.0 46.0 69.0
101 10.1 6.2 9.4
130 17.3 17.0 25.4

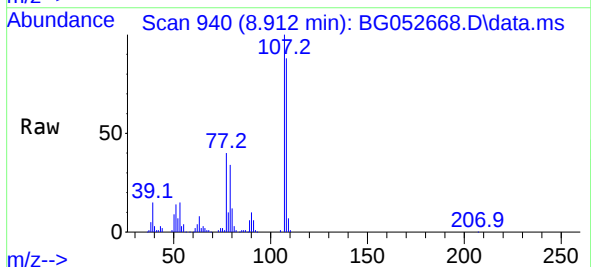
Manual Integrations

APPROVED

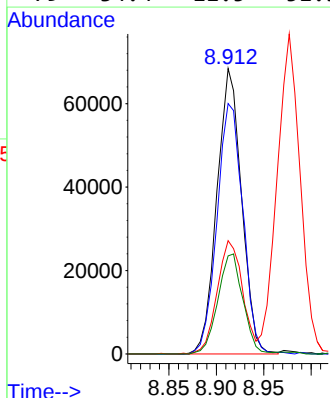
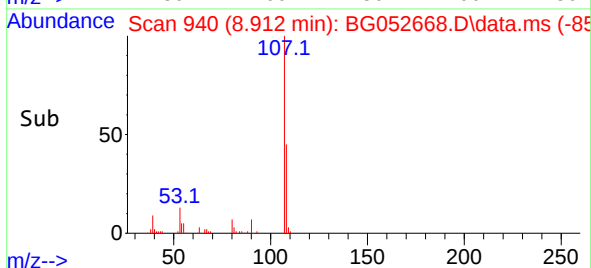
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

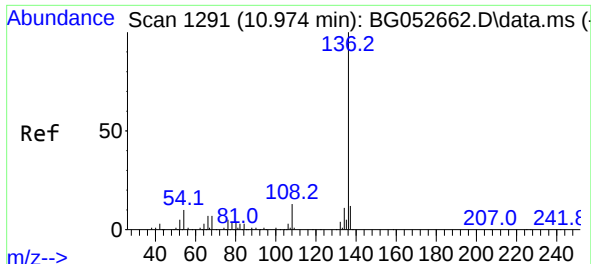


#20
3+4-Methylphenols
Concen: 48.147 ng
RT: 8.912 min Scan# 940
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:107 Resp: 123770
Ion Ratio Lower Upper
107 100
108 87.7 64.8 104.8
77 39.7 15.9 55.9
79 34.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

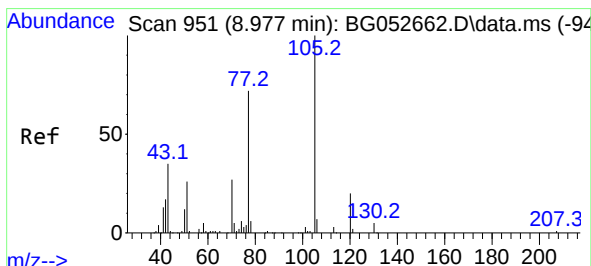
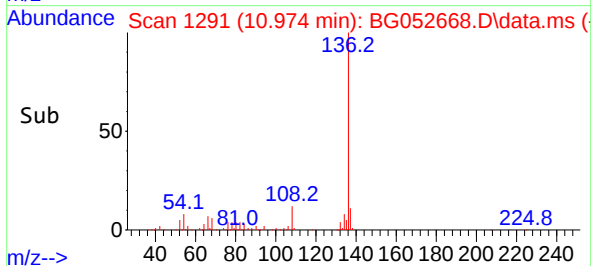
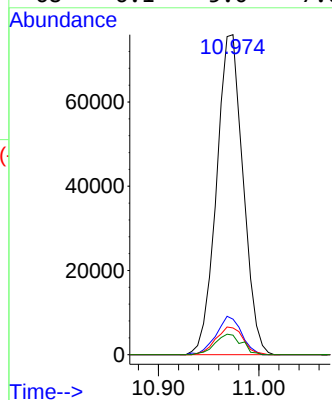
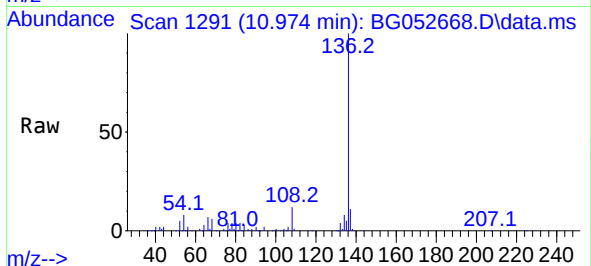
PB143358BS

Tgt Ion:136 Resp: 13941
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 8.4 6.4 9.6
68 6.1 5.0 7.6

Manual Integrations

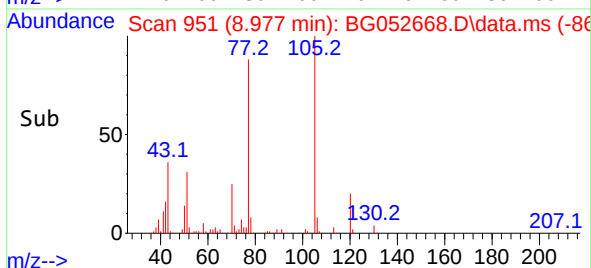
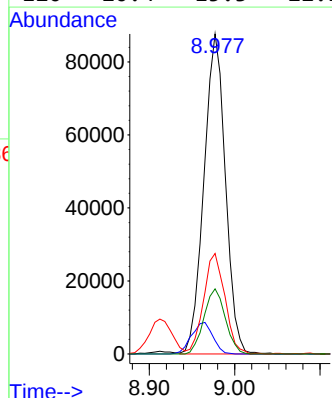
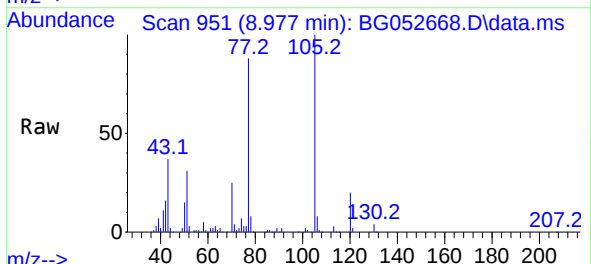
APPROVED

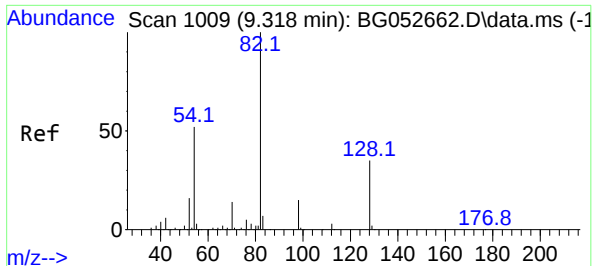
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#22
Acetophenone
Concen: 42.422 ng
RT: 8.977 min Scan# 951
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:105 Resp: 153048
Ion Ratio Lower Upper
105 100
71 4.2 2.1 3.1#
51 31.4 21.9 32.9
120 20.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 89.560 ng

RT: 9.318 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BG052668.D

Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

Tgt Ion: 82 Resp: 24876

Ion Ratio Lower Upper

82 100

128 37.0 31.3 46.9

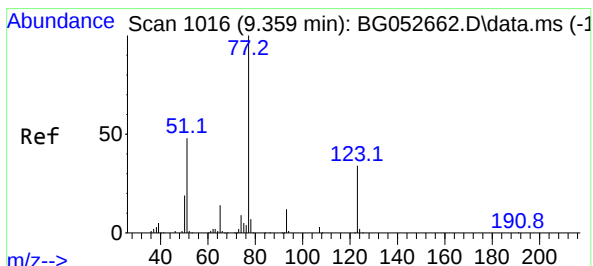
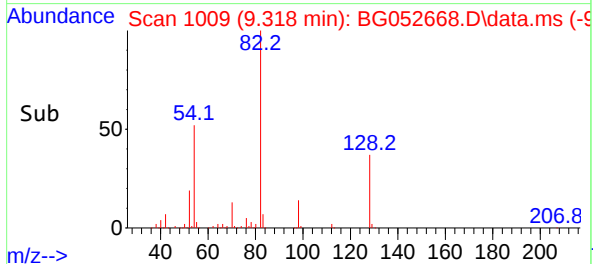
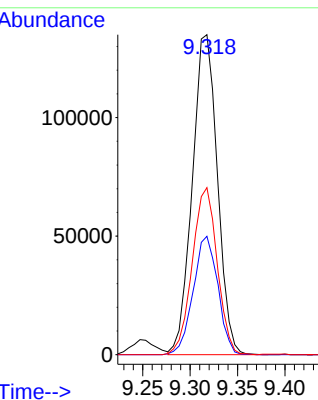
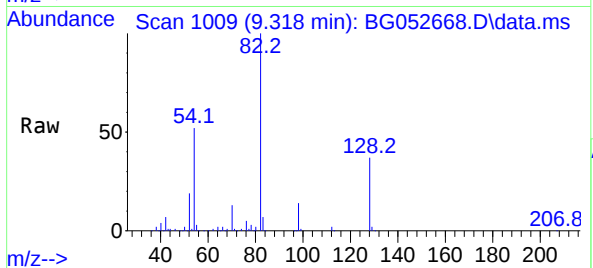
54 52.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 47.597 ng

RT: 9.359 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BG052668.D

Acq: 15 Mar 2022 16:17

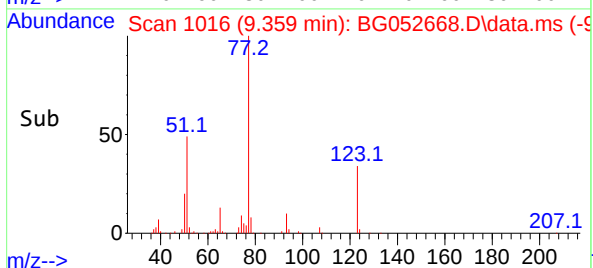
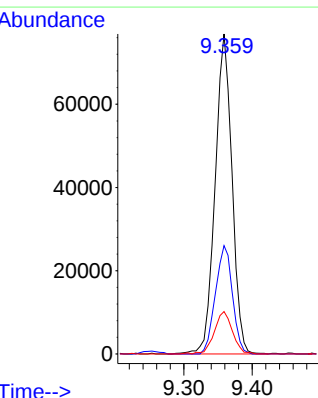
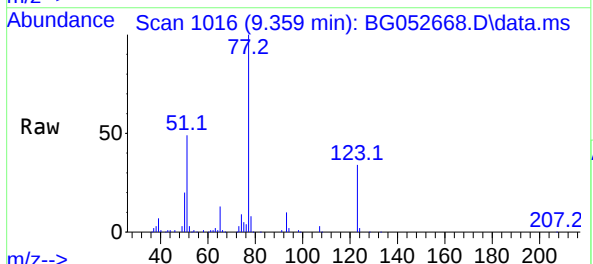
Tgt Ion: 77 Resp: 132283

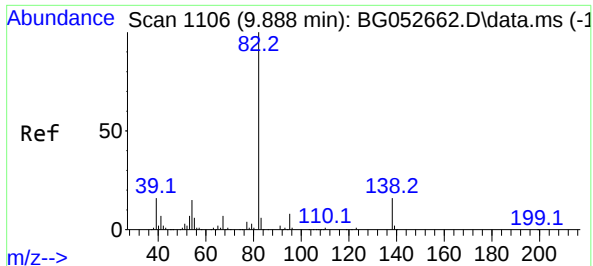
Ion Ratio Lower Upper

77 100

123 33.8 34.4 51.6#

65 13.3 11.2 16.8





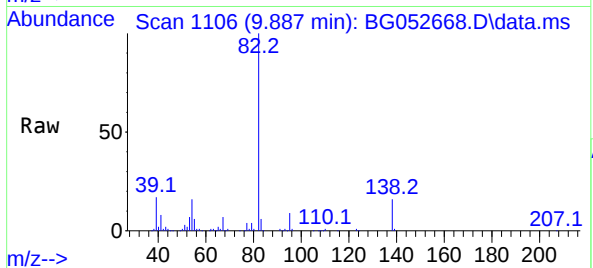
#25
Isophorone
Concen: 45.608 ng
RT: 9.887 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

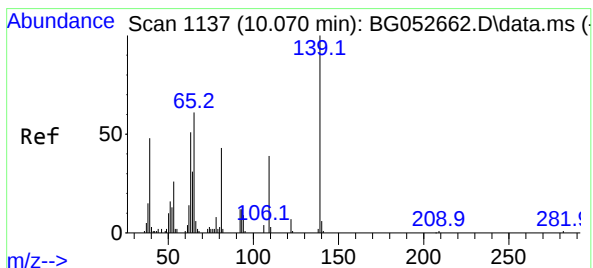
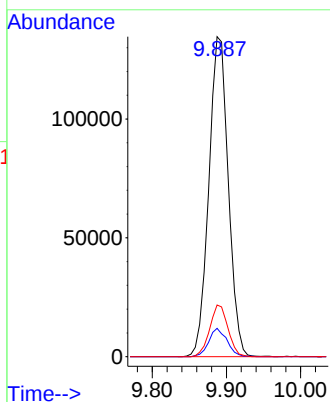
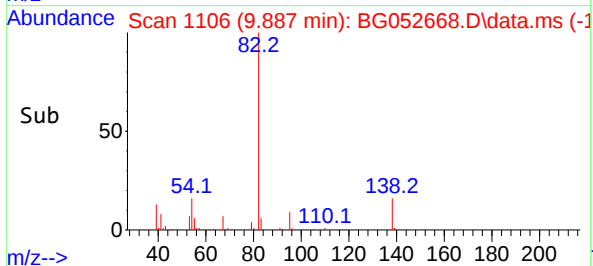


Tgt Ion: 82 Resp: 245298
Ion Ratio Lower Upper
82 100
95 8.9 5.8 8.6
138 16.2 12.6 18.8

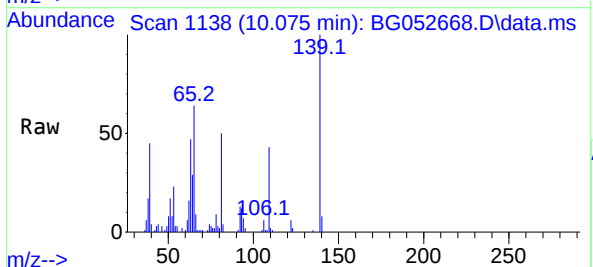
Manual Integrations

APPROVED

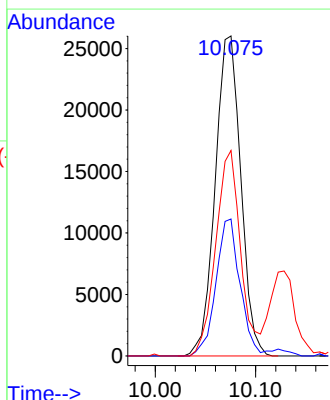
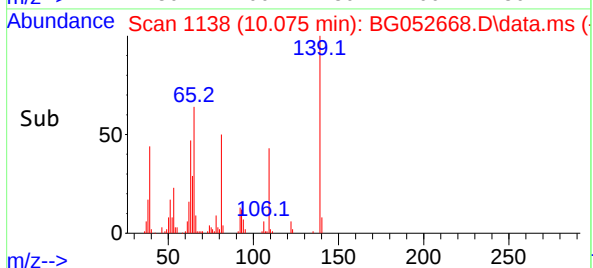
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

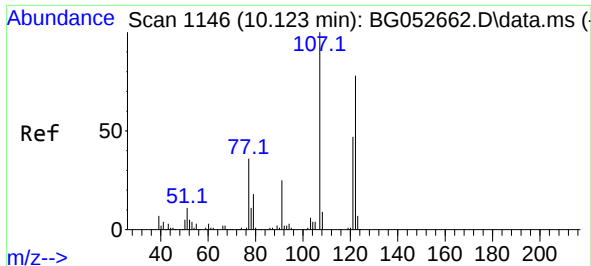


#26
2-Nitrophenol
Concen: 47.734 ng
RT: 10.075 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:139 Resp: 46070
Ion Ratio Lower Upper
139 100
109 42.8 29.4 44.0
65 64.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 51.561 ng
RT: 10.128 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

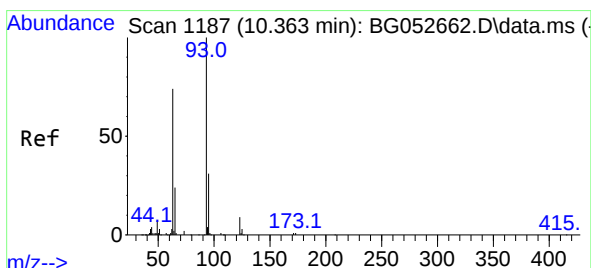
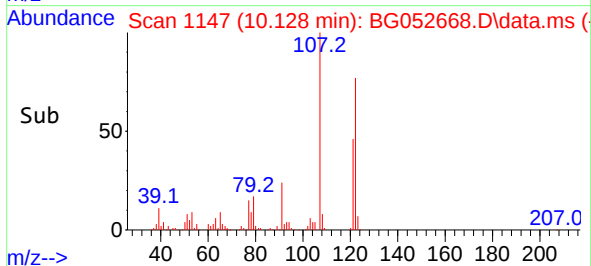
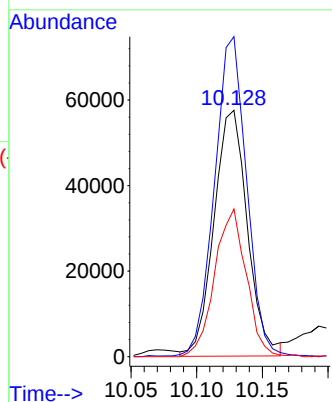
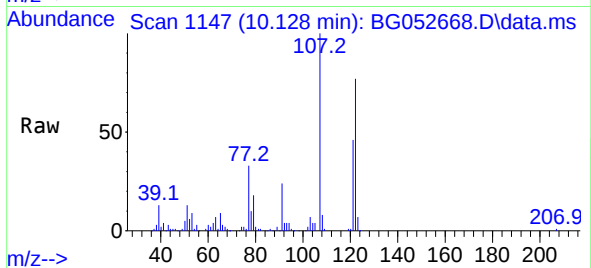
PB143358BS

Tgt Ion:122 Resp: 10180
Ion Ratio Lower Upper
122 100
107 129.8 96.7 145.1
121 59.9 46.3 69.5

Manual Integrations

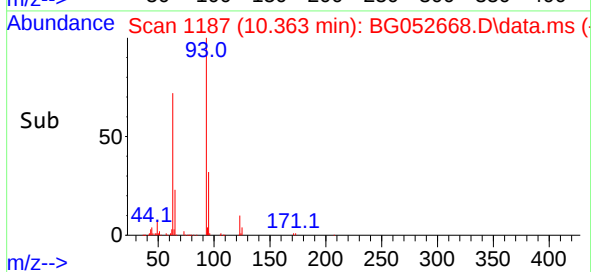
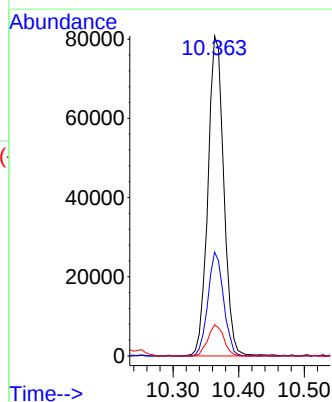
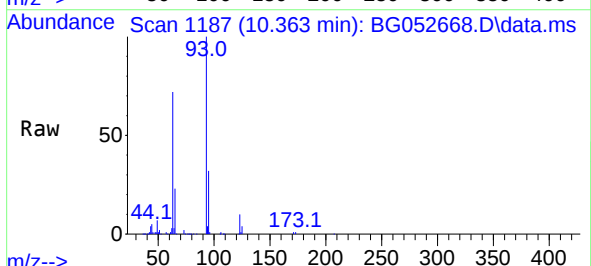
APPROVED

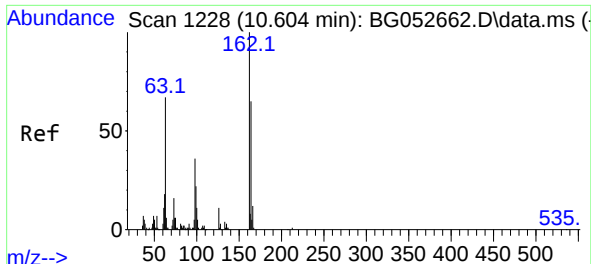
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.694 ng
RT: 10.363 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion: 93 Resp: 135775
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 9.8 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 47.749 ng
RT: 10.610 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

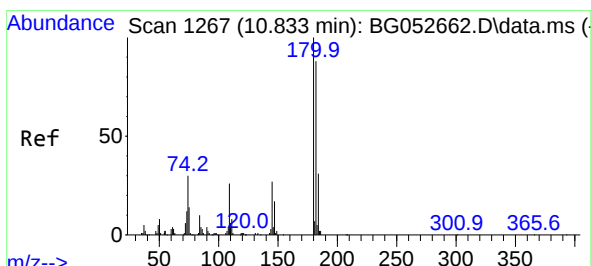
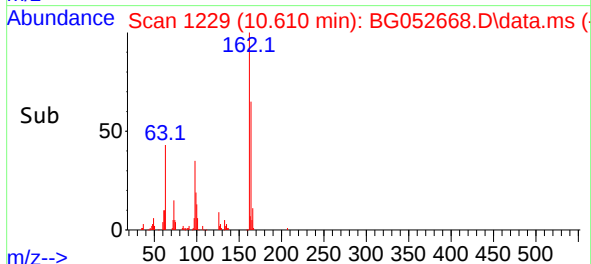
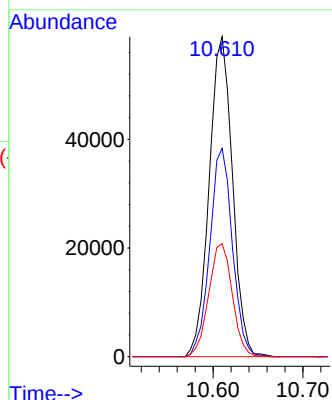
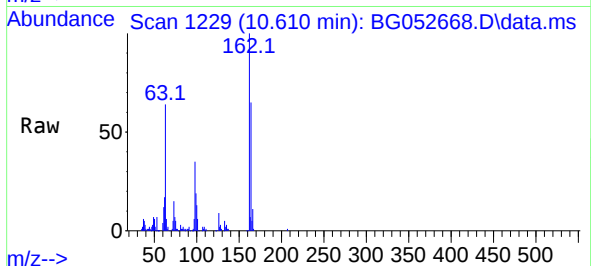
PB143358BS

Tgt Ion:162 Resp: 106088
Ion Ratio Lower Upper
162 100
164 65.1 44.0 84.0
98 35.3 17.3 57.3

Manual Integrations

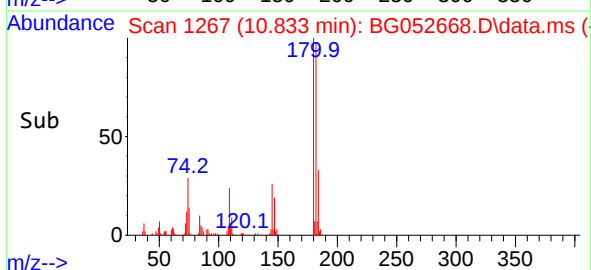
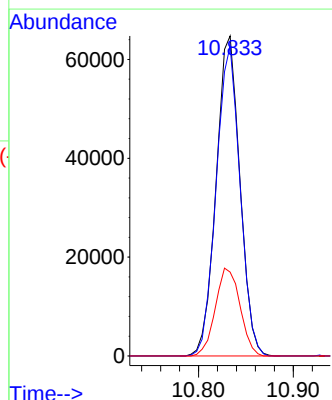
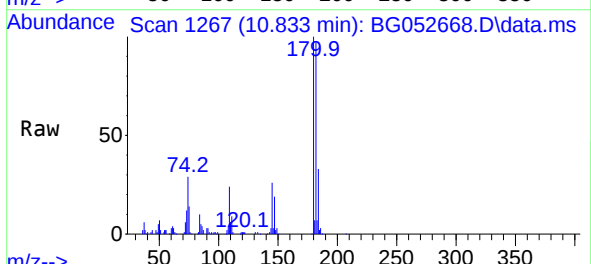
APPROVED

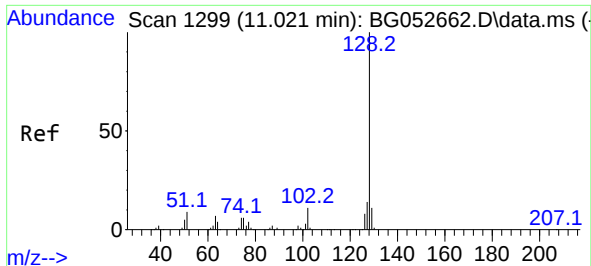
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.089 ng
RT: 10.833 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:180 Resp: 112936
Ion Ratio Lower Upper
180 100
182 96.9 77.8 116.6
145 26.2 24.4 36.6





#31
Naphthalene
Concen: 42.998 ng
RT: 11.021 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

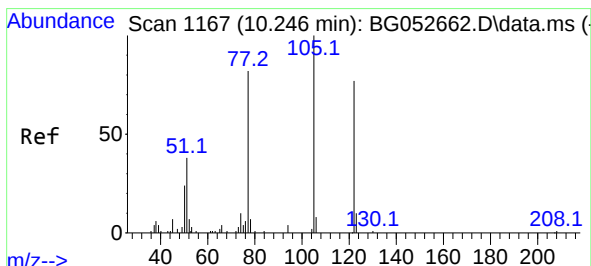
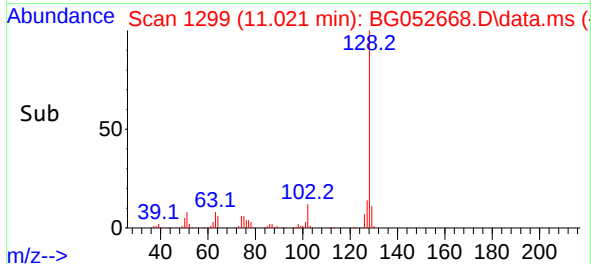
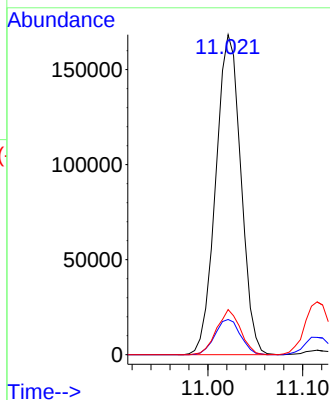
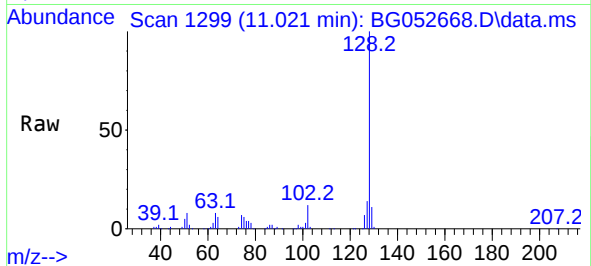
PB143358BS

Tgt Ion:128 Resp: 30997
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.1 10.5 15.7

Manual Integrations

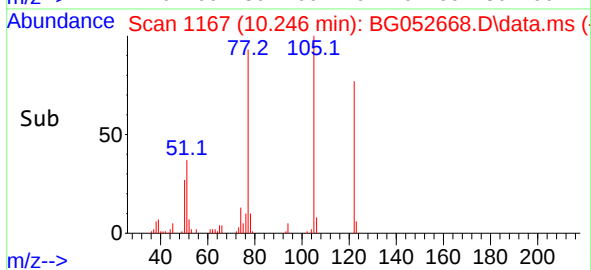
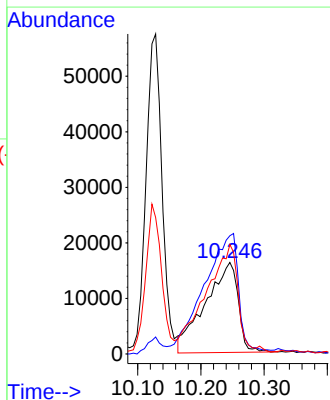
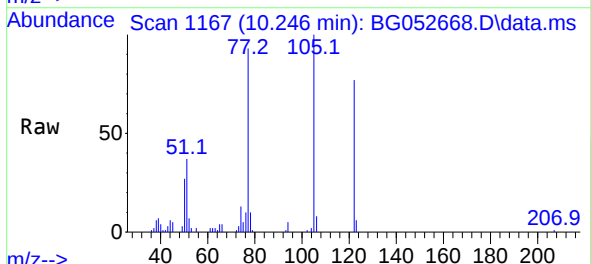
APPROVED

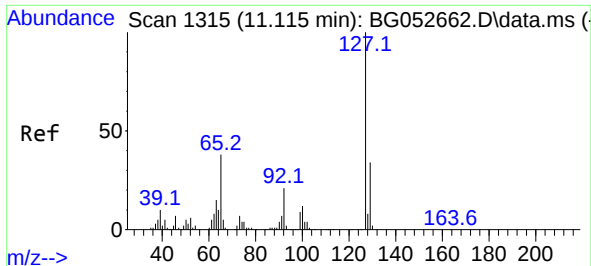
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#32
Benzoic acid
Concen: 40.840 ng
RT: 10.246 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:122 Resp: 58475
Ion Ratio Lower Upper
122 100
105 129.2 112.8 152.8
77 119.7 78.4 118.4#





#33
4-Chloroaniline
Concen: 17.260 ng
RT: 11.115 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

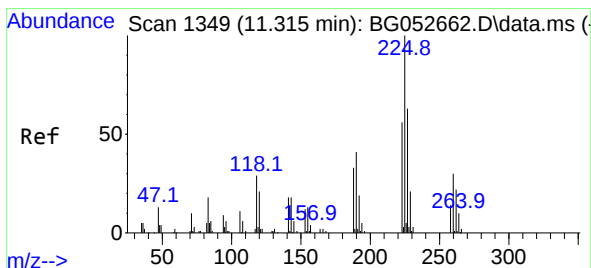
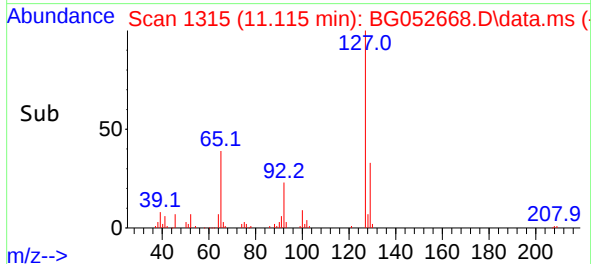
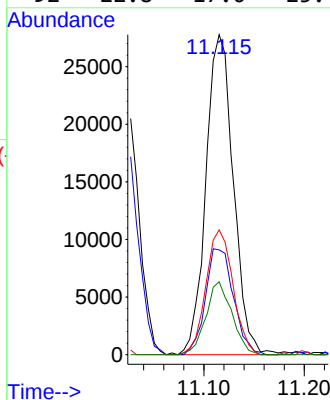
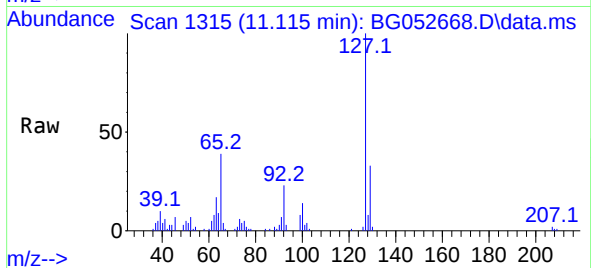
ClientSampleId :

PB143358BS

Tgt Ion:	127	Resp:	5273
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.6	41.4
65	39.0	28.2	42.4
92	22.8	17.0	25.4

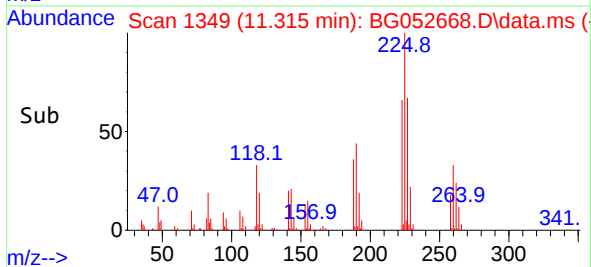
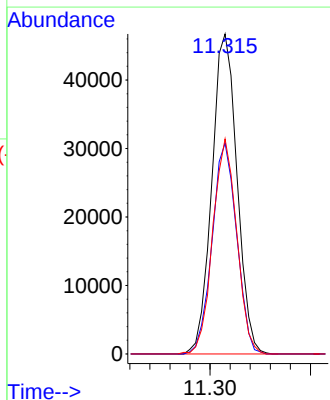
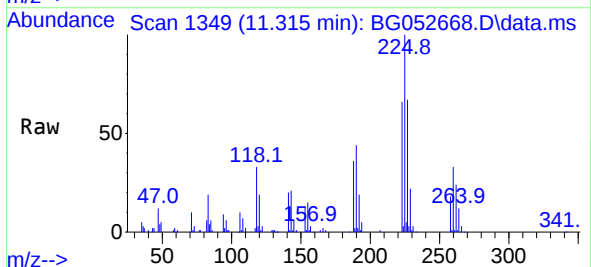
Manual Integrations
APPROVED

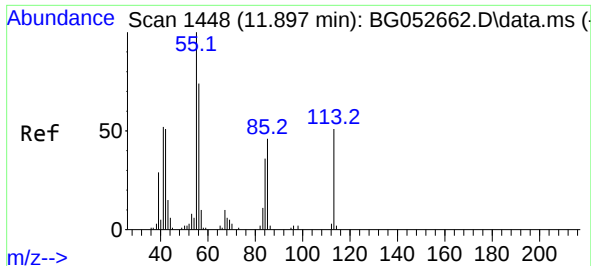
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 43.210 ng
RT: 11.315 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

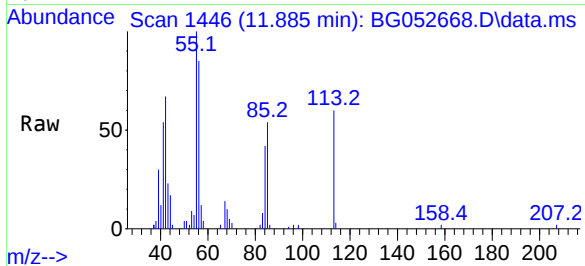
Tgt Ion:	225	Resp:	81200
Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.2	75.2
227	67.2	52.0	78.0





#35
Caprolactam
Concen: 50.075 ng m
RT: 11.885 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

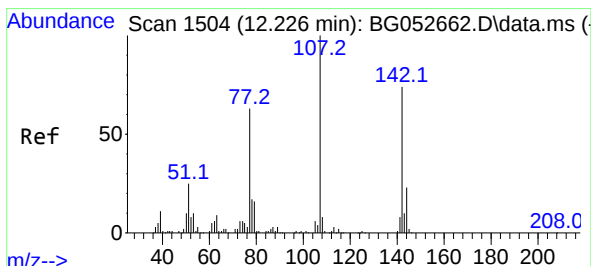
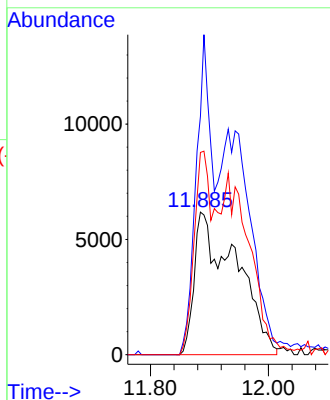
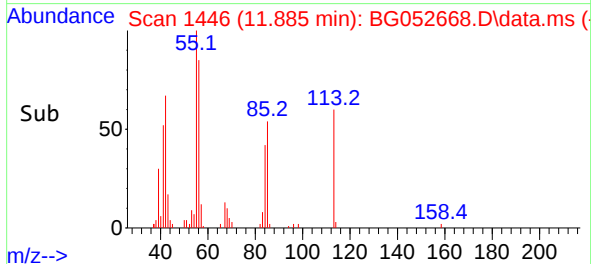
Instrument :
BNA_G
ClientSampleId :
PB143358BS



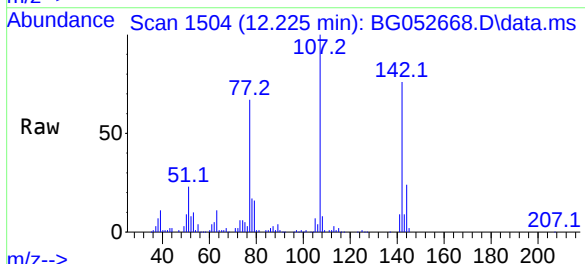
Tgt Ion:113 Resp: 30379
Ion Ratio Lower Upper
113 100
55 167.3 151.3 191.3
56 141.9 128.5 168.5

Manual Integrations
APPROVED

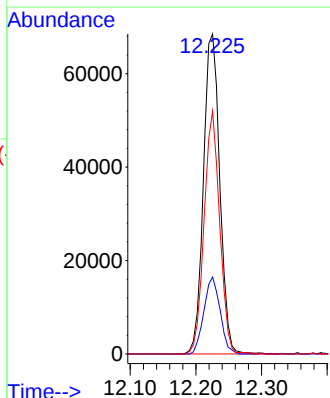
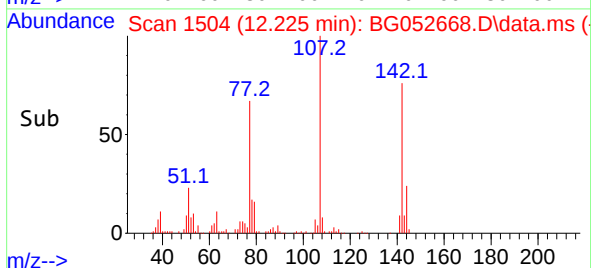
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

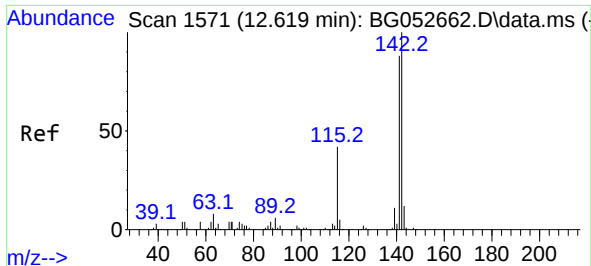


#36
4-Chloro-3-methylphenol
Concen: 45.979 ng
RT: 12.225 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:107 Resp: 118627
Ion Ratio Lower Upper
107 100
144 24.0 21.4 32.0
142 75.9 61.7 92.5





#37
2-Methylnaphthalene
Concen: 43.843 ng
RT: 12.619 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

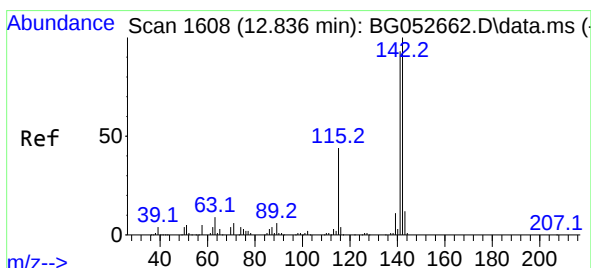
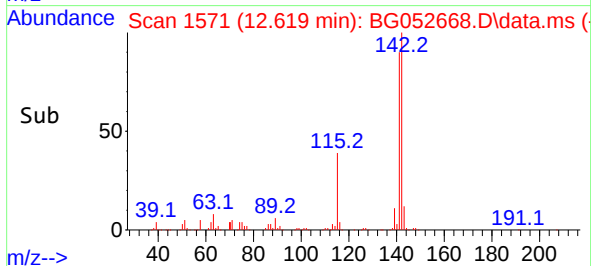
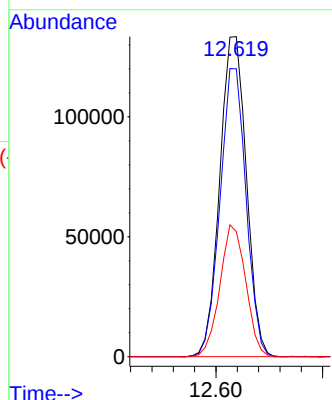
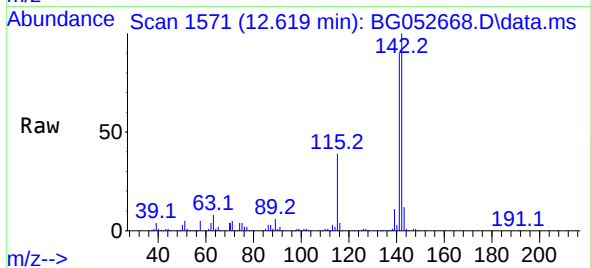
PB143358BS

Tgt Ion:142 Resp: 23147
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 39.1 29.5 44.3

Manual Integrations

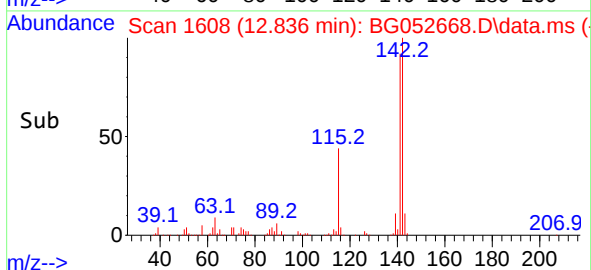
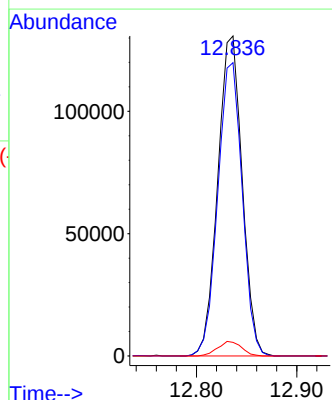
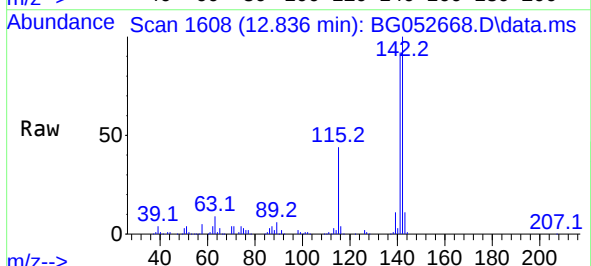
APPROVED

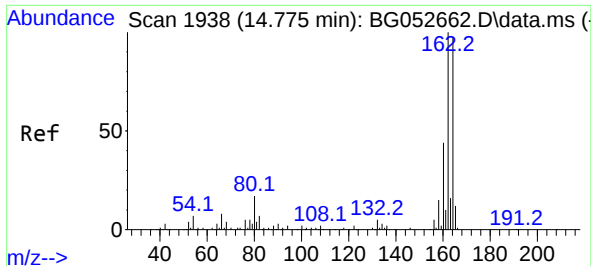
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#38
1-Methylnaphthalene
Concen: 42.847 ng
RT: 12.836 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:142 Resp: 220776
Ion Ratio Lower Upper
142 100
141 91.6 70.5 105.7
116 4.3 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

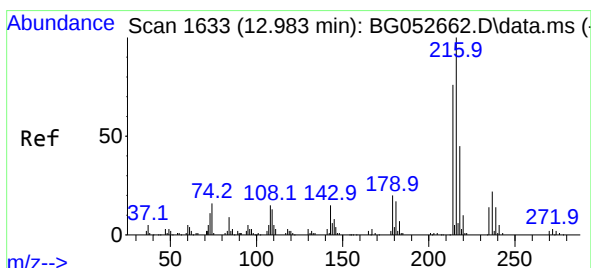
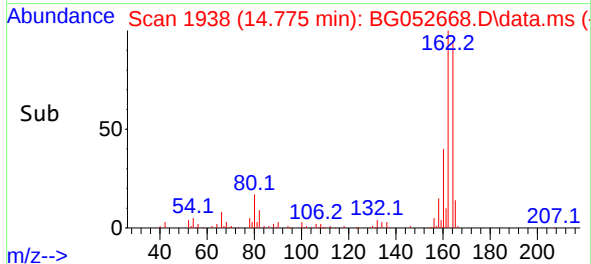
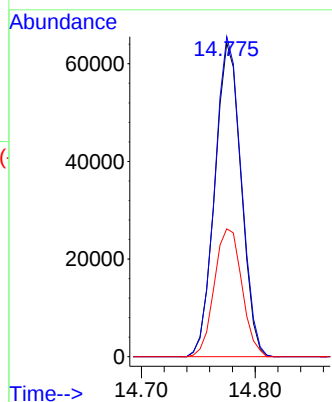
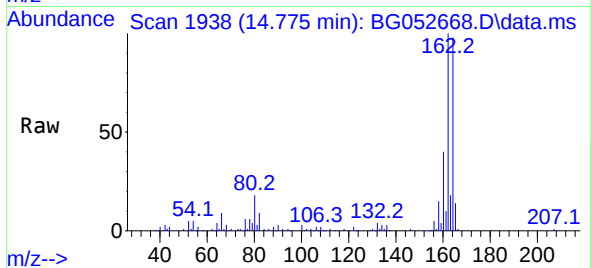
PB143358BS

Tgt Ion:164 Resp: 10302
Ion Ratio Lower Upper
164 100
162 102.0 80.0 120.0
160 40.7 38.8 58.2

Manual Integrations

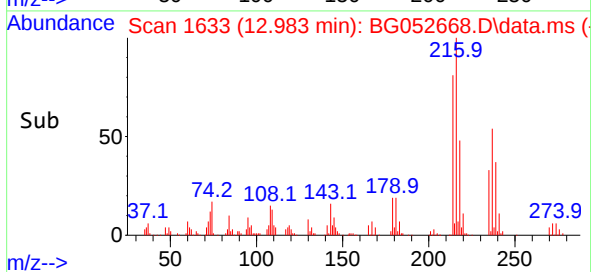
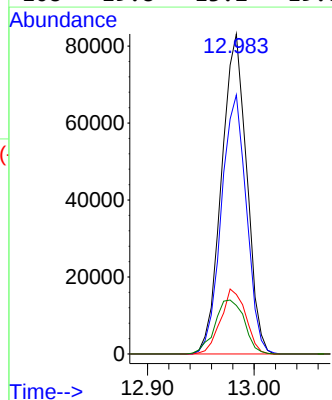
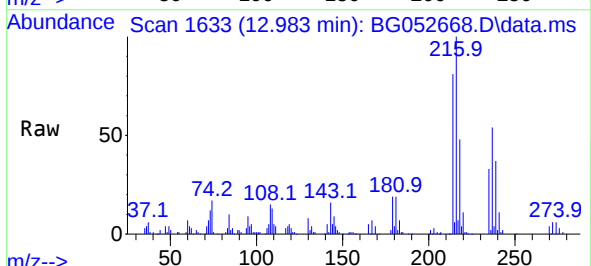
APPROVED

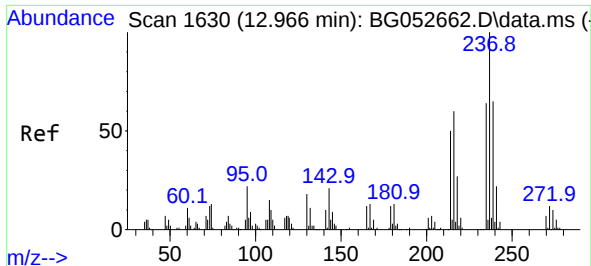
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.277 ng
RT: 12.983 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

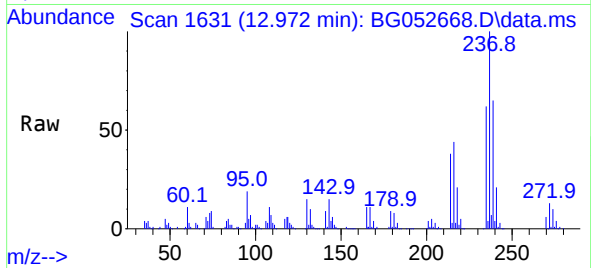
Tgt Ion:216 Resp: 136075
Ion Ratio Lower Upper
216 100
214 80.7 63.8 95.6
179 20.2 15.7 23.5
108 19.8 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 105.400 ng
RT: 12.972 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

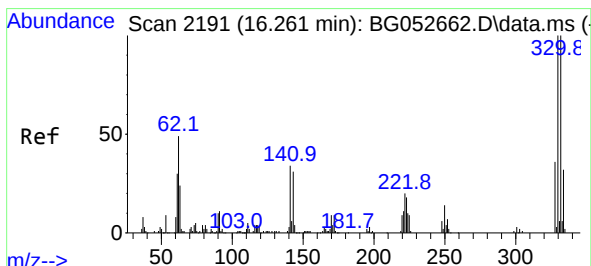
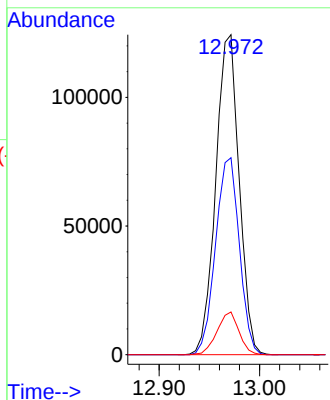
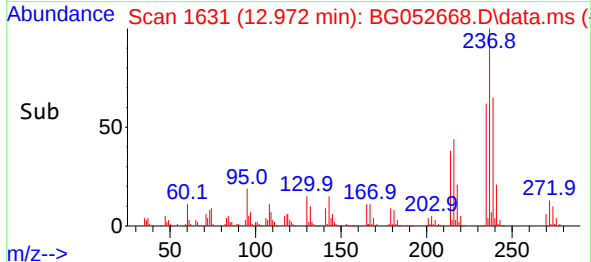
Instrument :
BNA_G
ClientSampleId :
PB143358BS



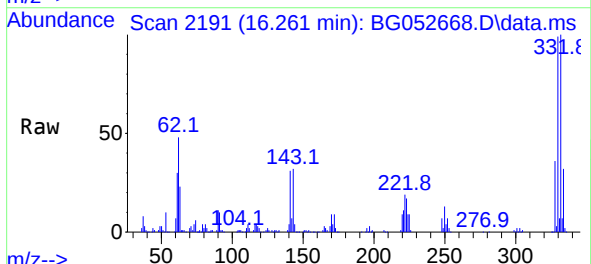
Tgt Ion:237 Resp: 201088
Ion Ratio Lower Upper
237 100
235 61.6 37.7 77.7
272 13.4 0.0 30.7

Manual Integrations
APPROVED

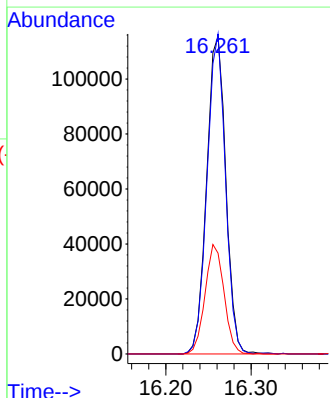
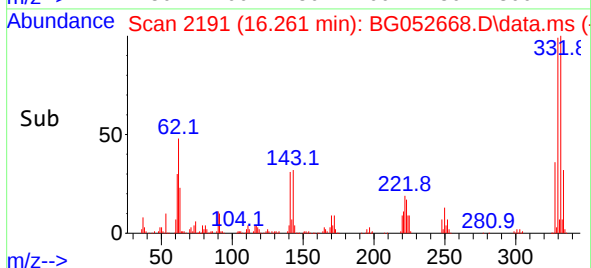
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

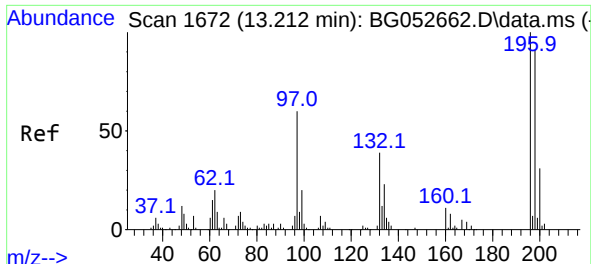


#42
2,4,6-Tribromophenol
Concen: 130.234 ng
RT: 16.261 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:330 Resp: 180290
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 34.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 45.800 ng
RT: 13.212 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

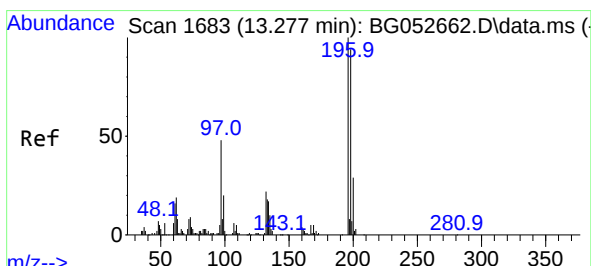
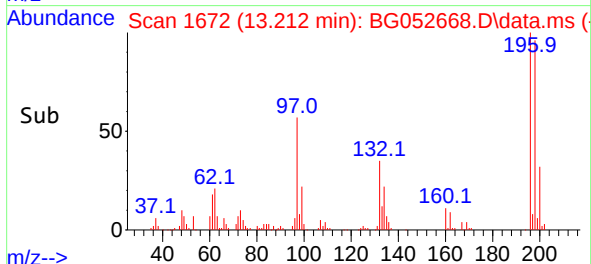
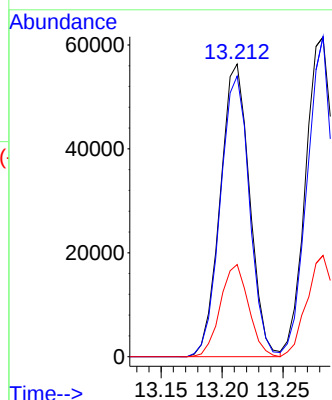
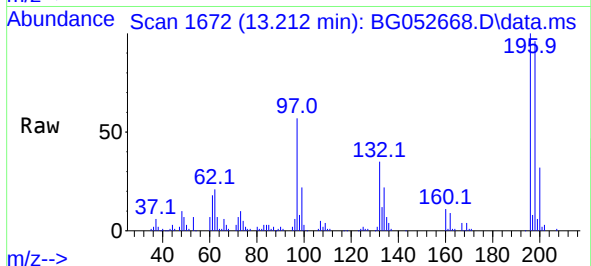
PB143358BS

Tgt Ion:196 Resp: 9440
Ion Ratio Lower Upper
196 100
198 95.9 78.8 118.2
200 31.5 25.1 37.7

Manual Integrations

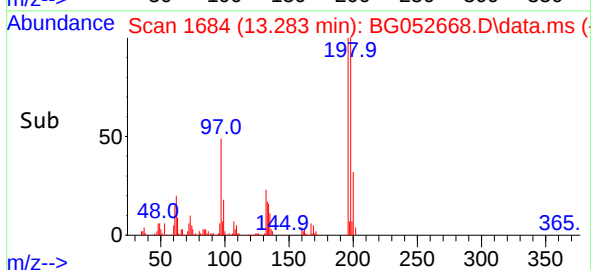
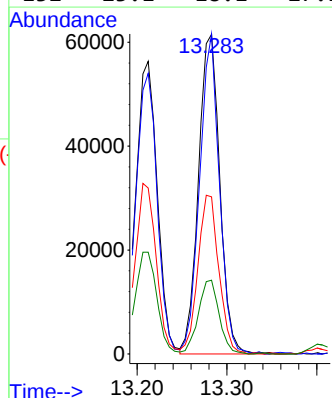
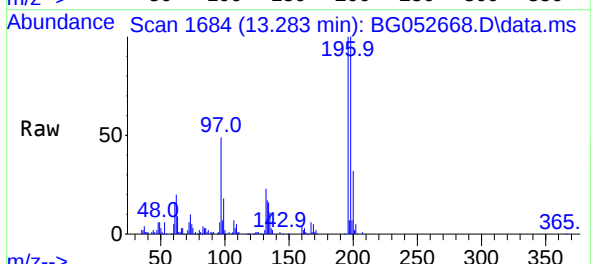
APPROVED

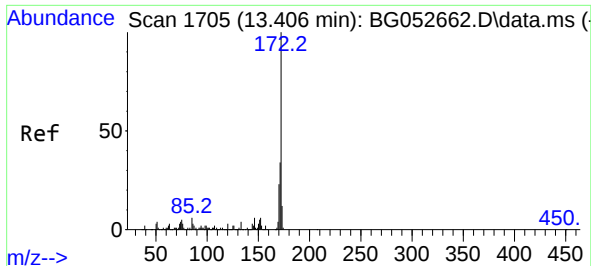
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#44
2,4,5-Trichlorophenol
Concen: 48.553 ng
RT: 13.283 min Scan# 1684
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:196 Resp: 101580
Ion Ratio Lower Upper
196 100
198 100.1 75.8 113.6
97 49.1 36.5 54.7
132 23.1 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 84.282 ng
RT: 13.406 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

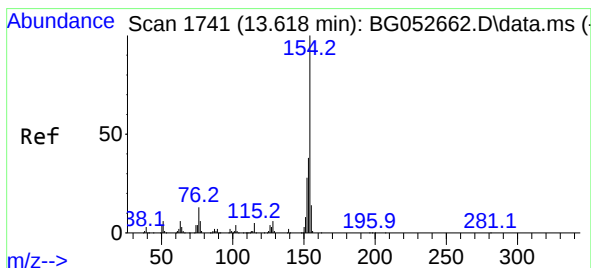
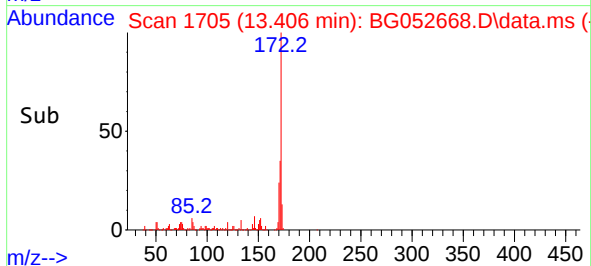
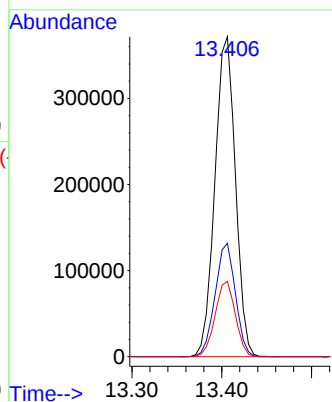
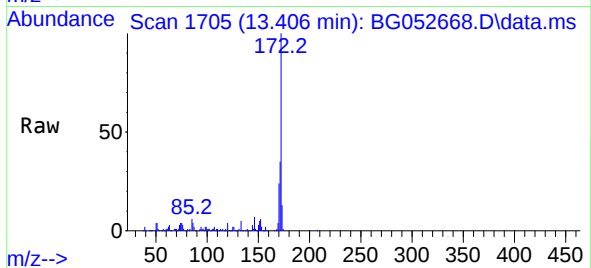
PB143358BS

Tgt Ion:172 Resp: 588735
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.0 27.0

Manual Integrations

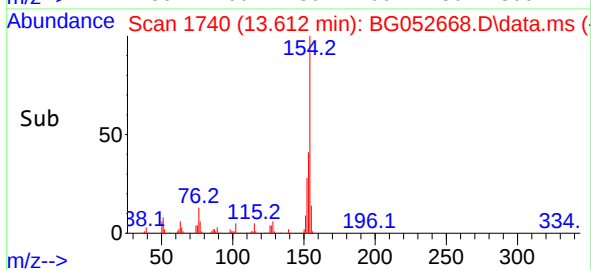
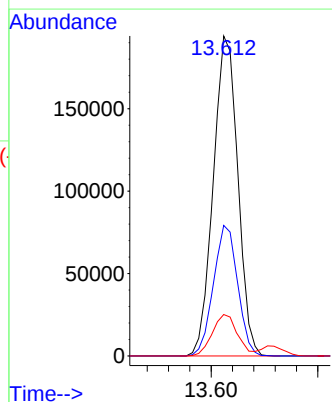
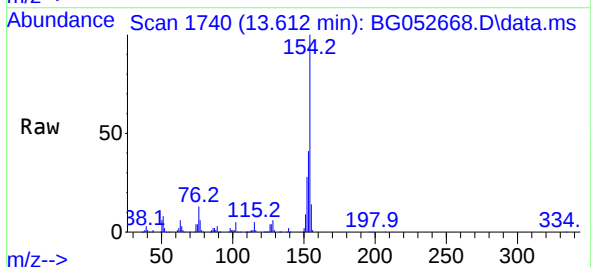
APPROVED

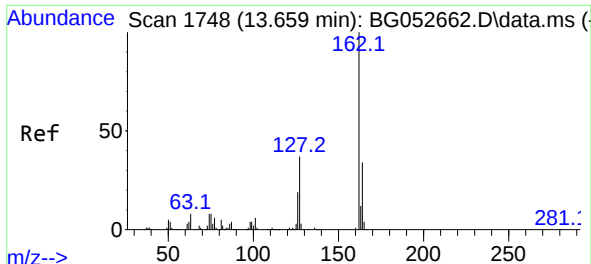
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#46
1,1'-Biphenyl
Concen: 42.945 ng
RT: 13.612 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:154 Resp: 309407
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 12.9 0.0 31.5





#47
2-Chloronaphthalene
Concen: 42.746 ng
RT: 13.659 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

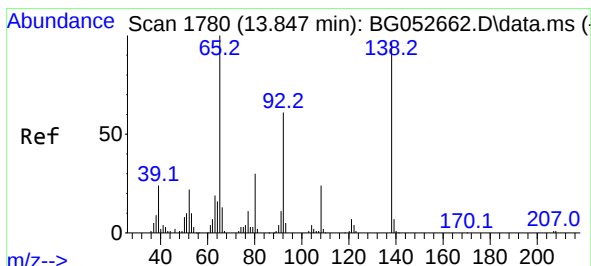
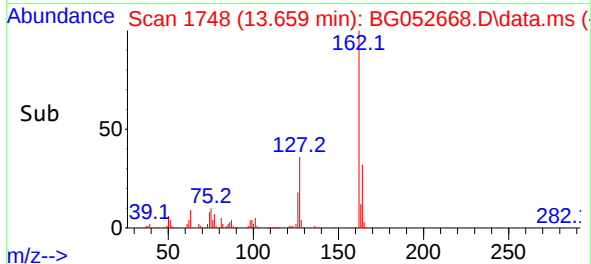
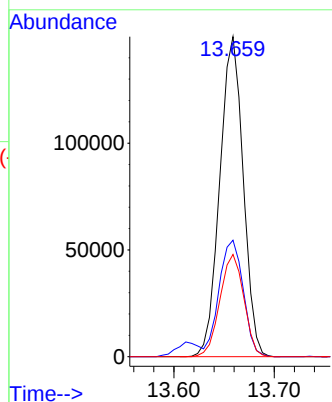
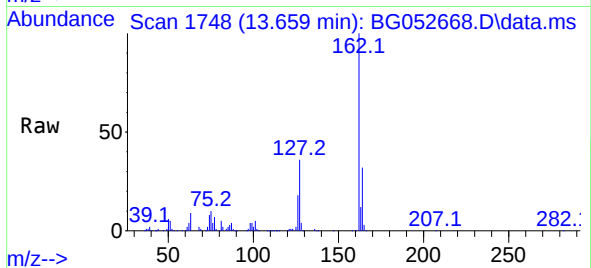
PB143358BS

Tgt Ion:162 Resp: 242539
Ion Ratio Lower Upper
162 100
127 36.4 28.1 42.1
164 31.9 26.0 39.0

Manual Integrations

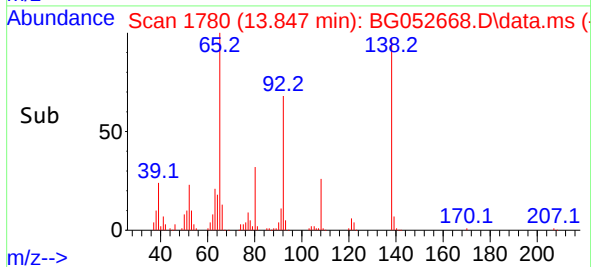
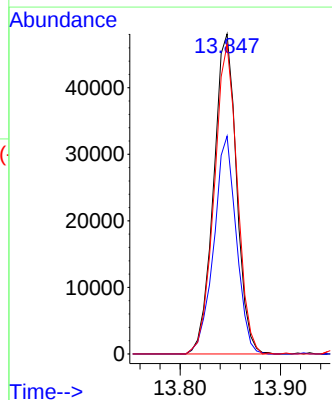
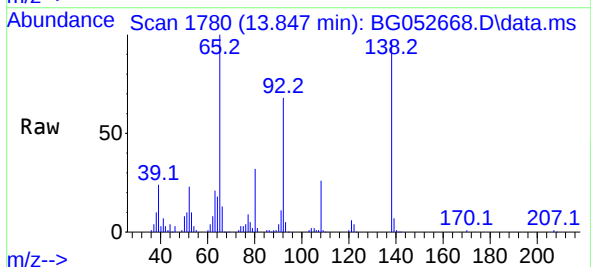
APPROVED

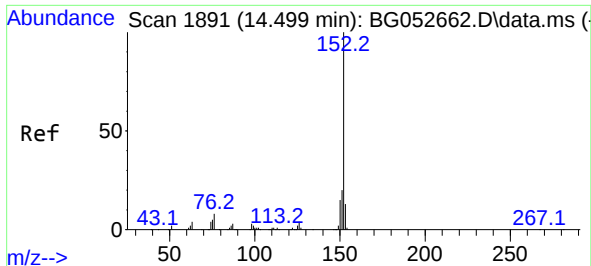
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#48
2-Nitroaniline
Concen: 49.064 ng
RT: 13.847 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion: 65 Resp: 76134
Ion Ratio Lower Upper
65 100
92 68.0 52.1 78.1
138 96.8 80.1 120.1





#49
Acenaphthylene
Concen: 45.502 ng
RT: 14.499 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

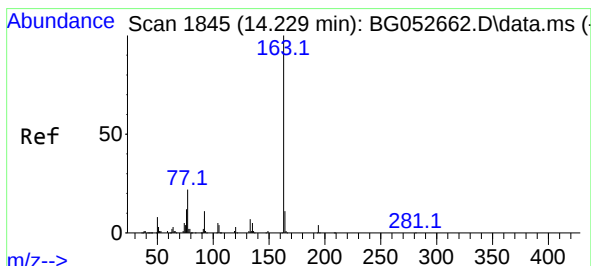
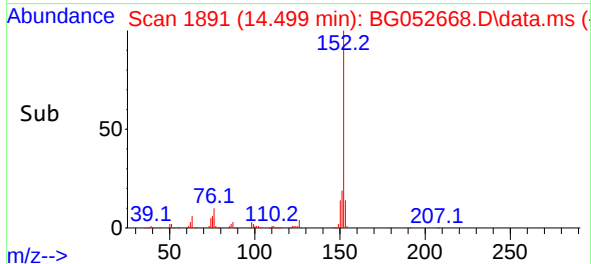
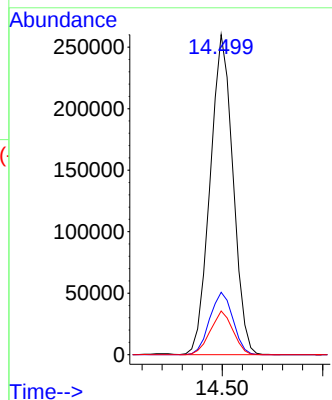
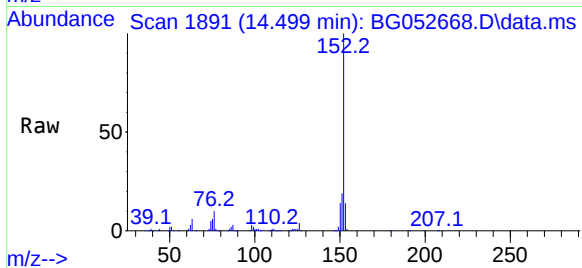
PB143358BS

Tgt Ion:152 Resp: 411554
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.7 10.6 15.8

Manual Integrations

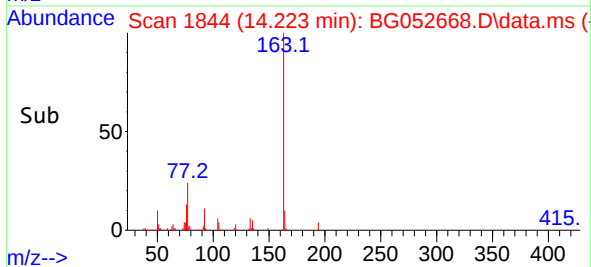
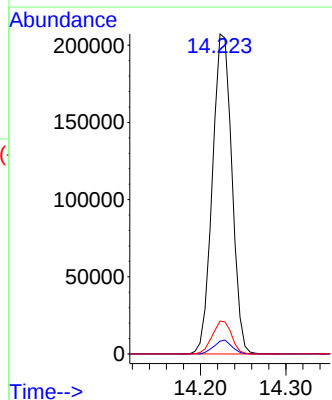
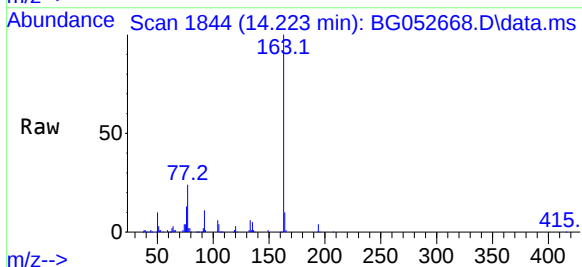
APPROVED

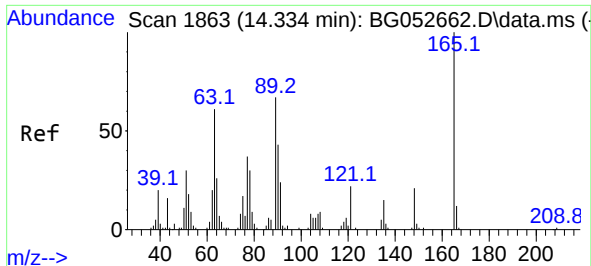
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#50
Dimethylphthalate
Concen: 42.966 ng
RT: 14.223 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:163 Resp: 328981
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.340 ng
RT: 14.334 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

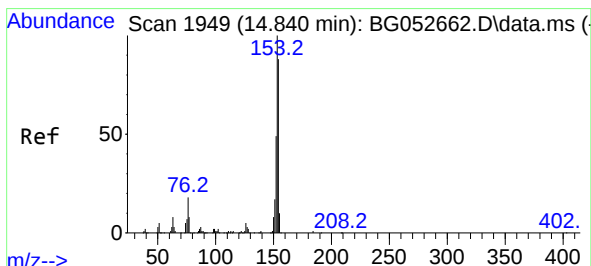
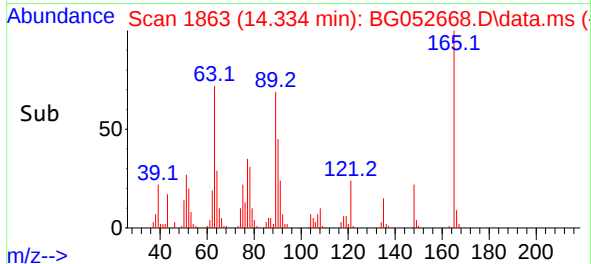
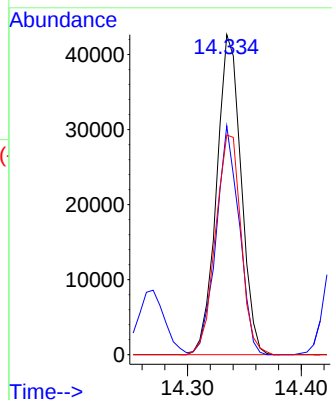
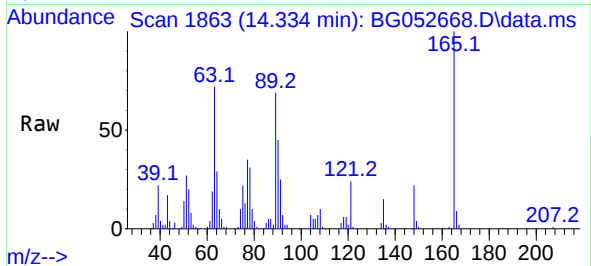
PB143358BS

Tgt Ion:165 Resp: 63784
Ion Ratio Lower Upper
165 100
63 71.5 43.7 65.5
89 68.7 45.0 67.4

Manual Integrations

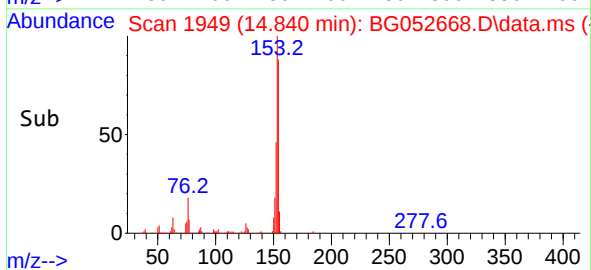
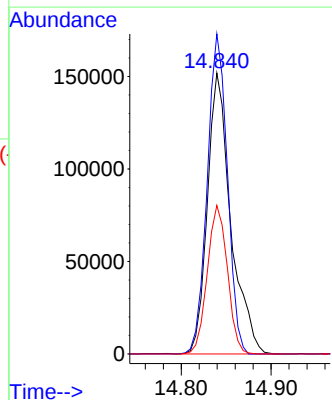
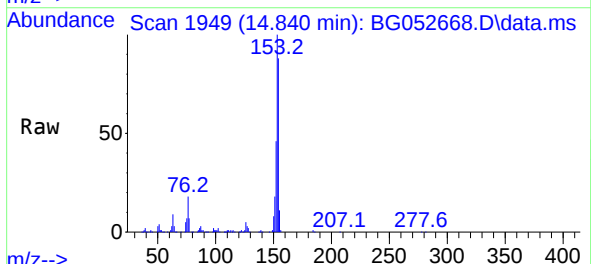
APPROVED

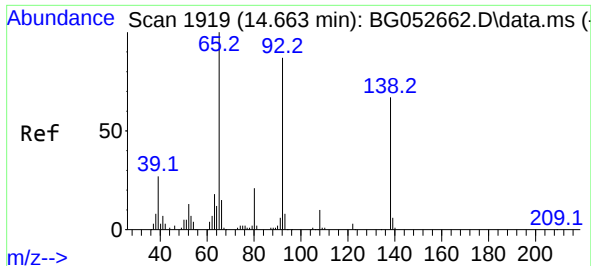
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#52
Acenaphthene
Concen: 47.446 ng
RT: 14.840 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:154 Resp: 274920
Ion Ratio Lower Upper
154 100
153 113.9 89.0 133.4
152 52.9 40.5 60.7





#53
3-Nitroaniline
Concen: 30.542 ng
RT: 14.663 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

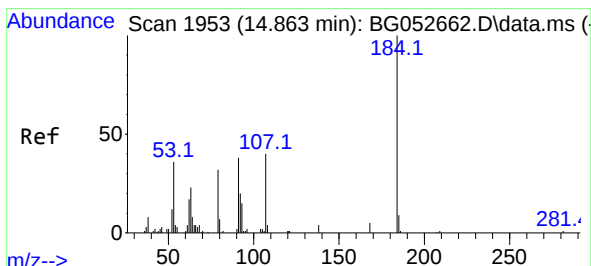
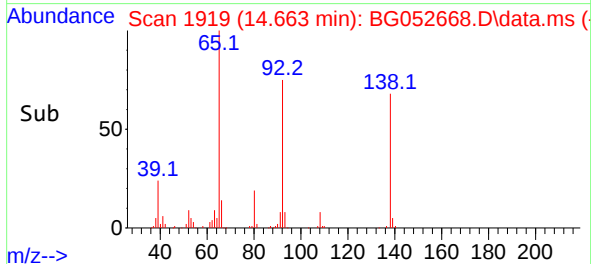
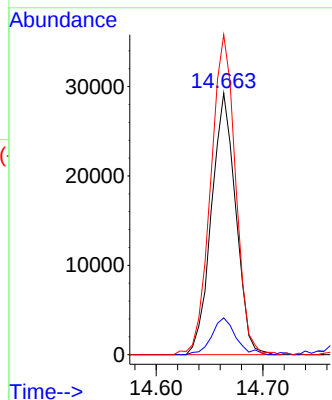
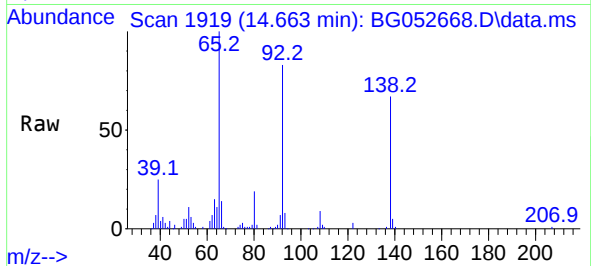
PB143358BS

Tgt Ion:138 Resp: 4620
Ion Ratio Lower Upper
138 100
108 14.1 8.0 12.0
92 122.3 96.2 144.2

Manual Integrations

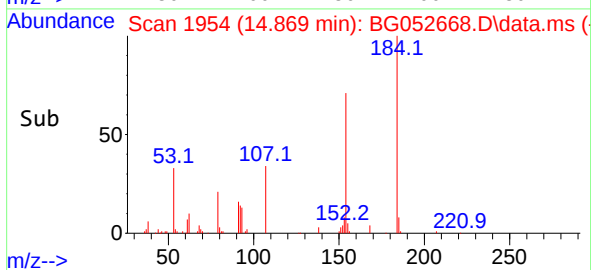
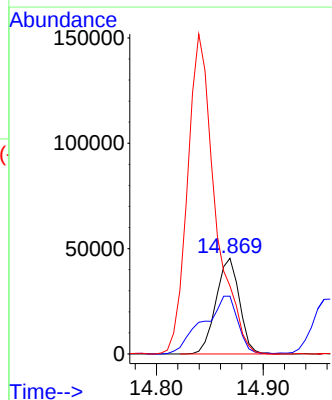
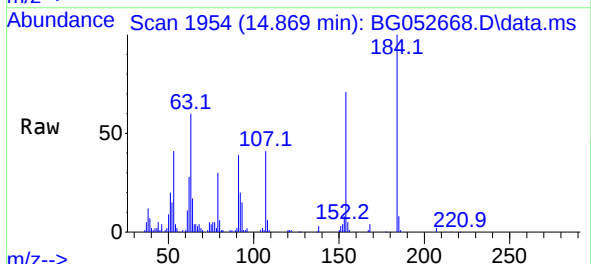
APPROVED

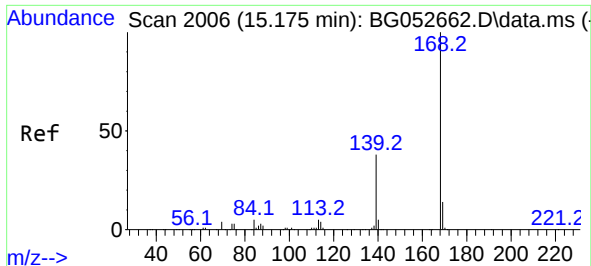
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#54
2,4-Dinitrophenol
Concen: 98.215 ng
RT: 14.869 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:184 Resp: 69209
Ion Ratio Lower Upper
184 100
63 60.3 51.8 77.6
154 71.1 47.8 71.6





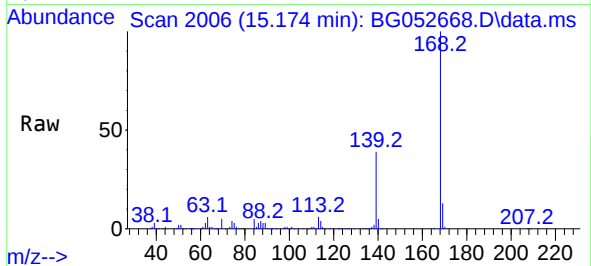
#55
Dibenzenofuran
Concen: 41.765 ng
RT: 15.174 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

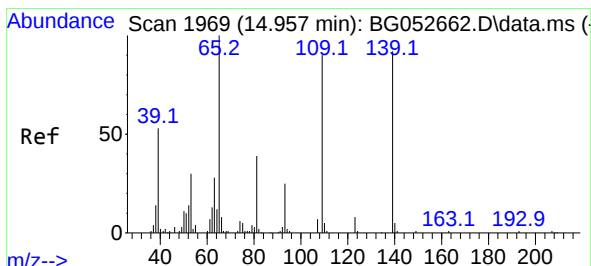
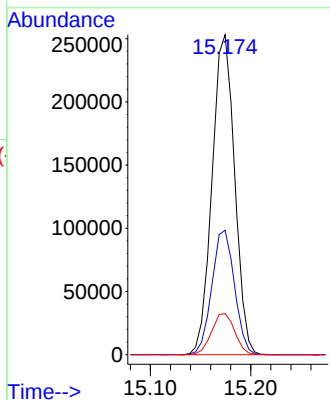
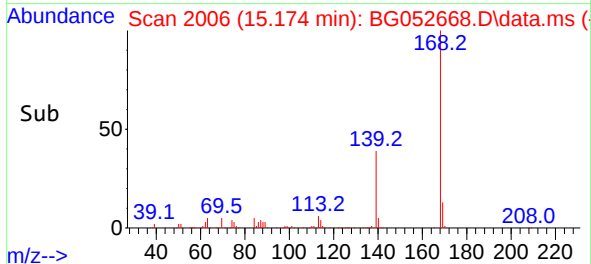


Tgt Ion:168 Resp: 39520
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 12.8 10.7 16.1

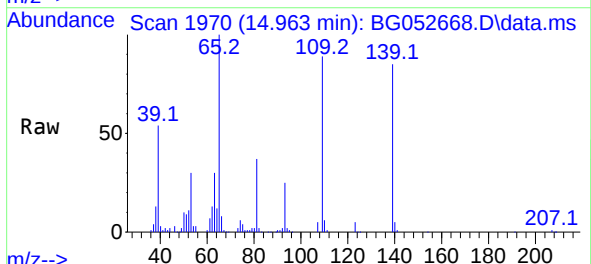
Manual Integrations

APPROVED

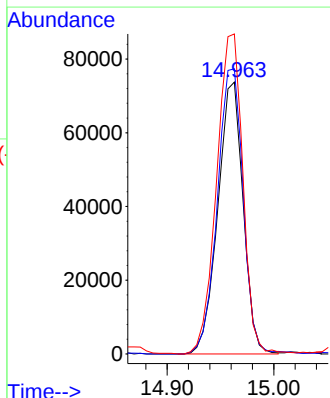
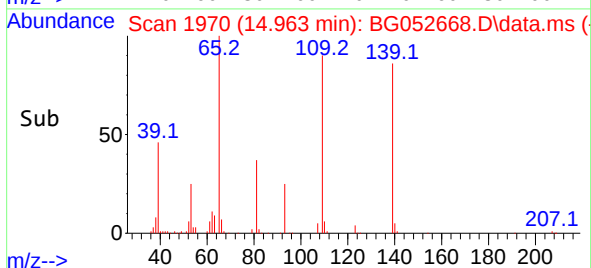
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

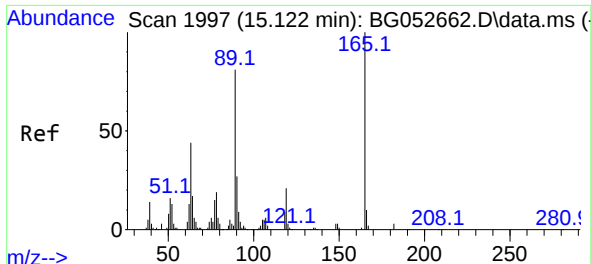


#56
4-Nitrophenol
Concen: 98.349 ng
RT: 14.963 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:139 Resp: 121358
Ion Ratio Lower Upper
139 100
109 104.9 67.1 107.1
65 117.7 88.2 128.2





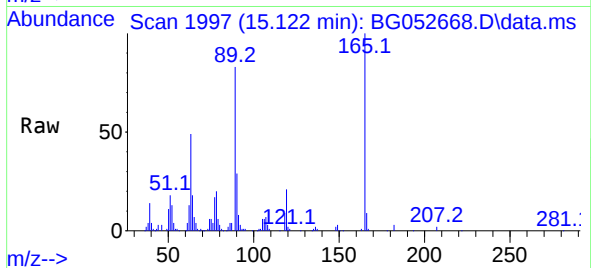
#57
2,4-Dinitrotoluene
Concen: 51.693 ng
RT: 15.122 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

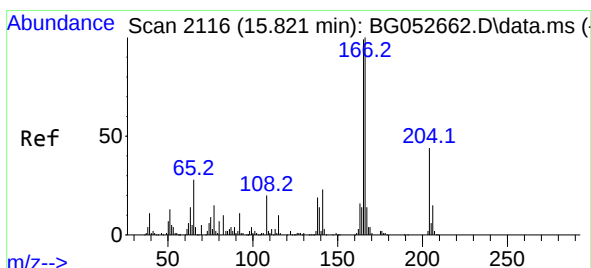
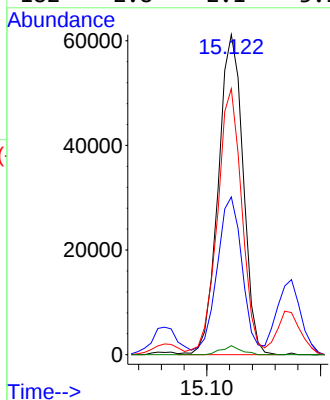
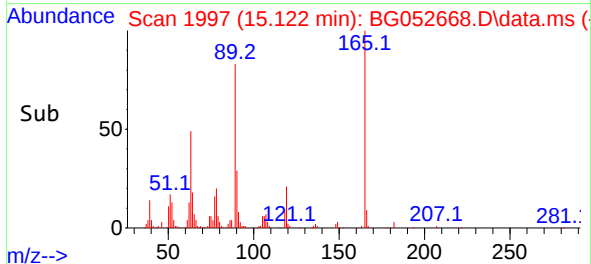


Tgt Ion:165 Resp: 9272
Ion Ratio Lower Upper
165 100
63 49.3 34.8 52.2
89 83.1 57.4 86.0
182 2.8 2.1 3.1

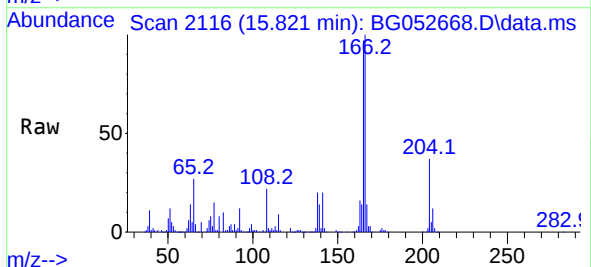
Manual Integrations

APPROVED

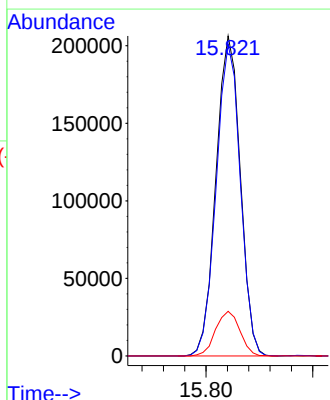
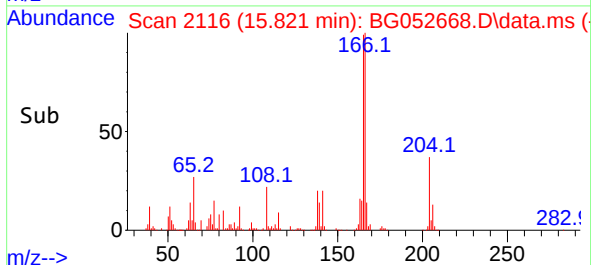
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

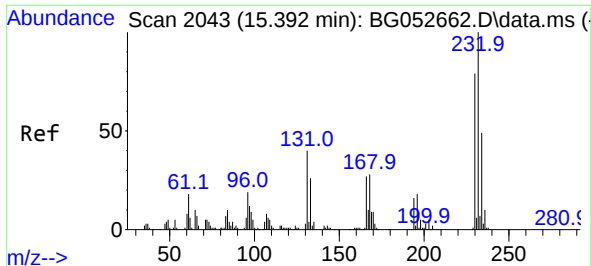


#58
Fluorene
Concen: 42.308 ng
RT: 15.821 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:166 Resp: 326339
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.9 10.9 16.3





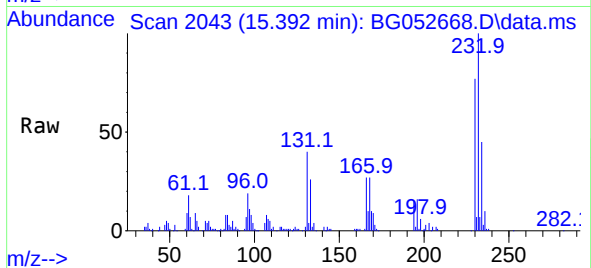
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.226 ng
RT: 15.392 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

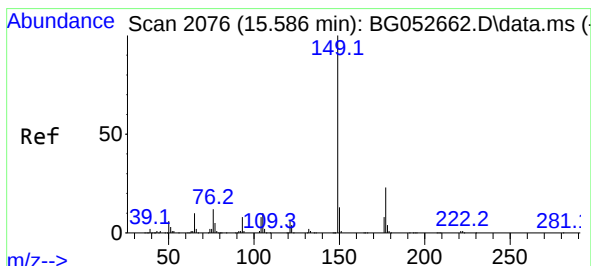
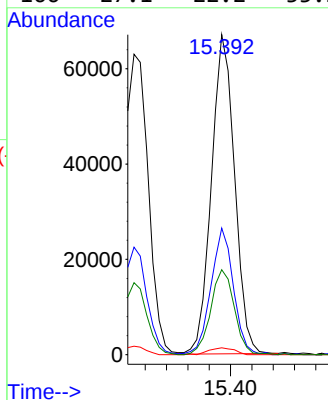
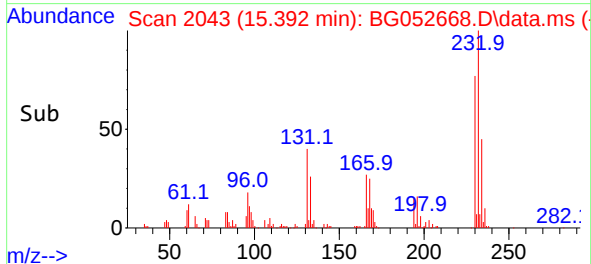


Tgt Ion:232 Resp: 101134
Ion Ratio Lower Upper
232 100
131 38.5 30.1 45.1
130 2.4 1.8 2.8
166 27.1 22.2 33.2

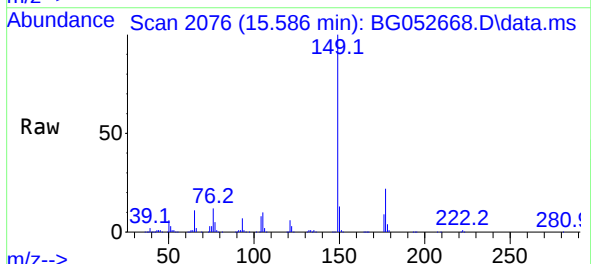
Manual Integrations

APPROVED

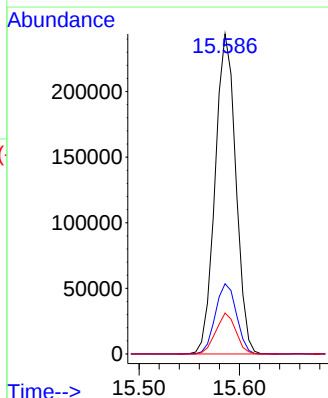
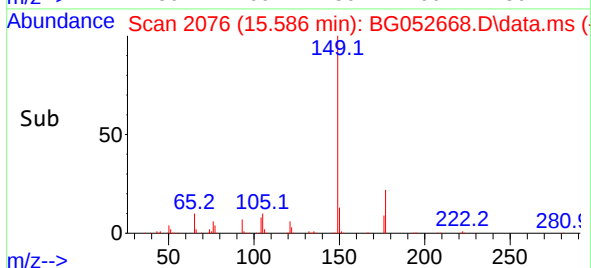
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

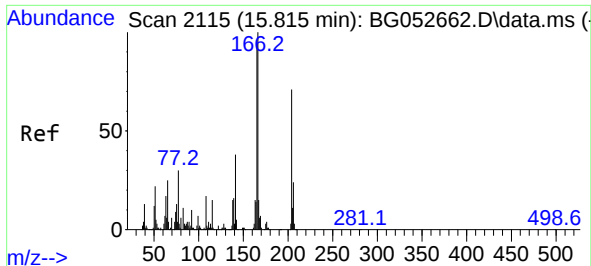


#60
Diethylphthalate
Concen: 43.133 ng
RT: 15.586 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:149 Resp: 348614
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.2
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.825 ng
RT: 15.809 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

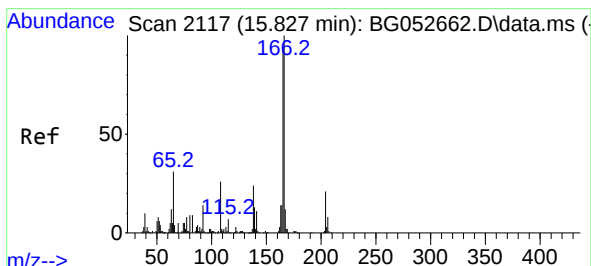
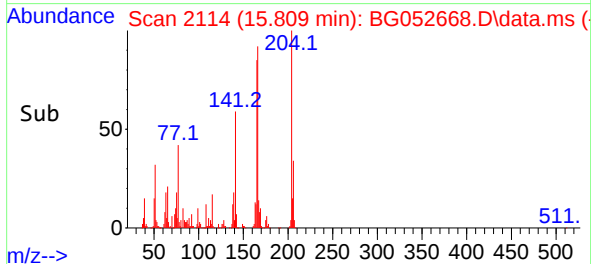
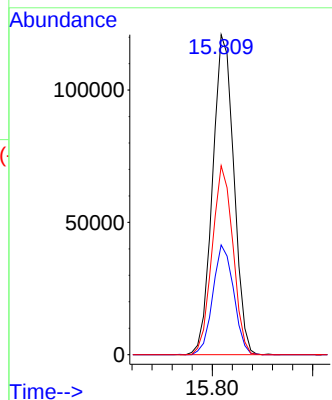
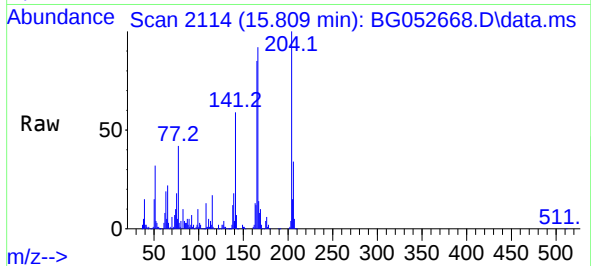
PB143358BS

Tgt Ion:204 Resp: 177910
Ion Ratio Lower Upper
204 100
206 34.3 28.3 42.5
141 59.0 45.8 68.8

Manual Integrations

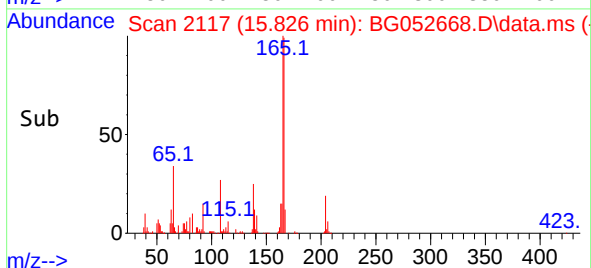
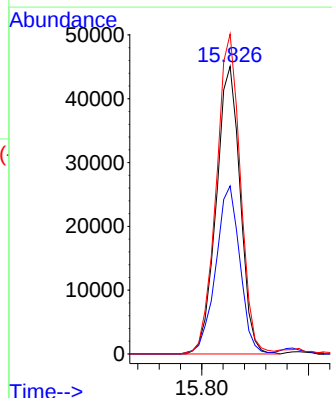
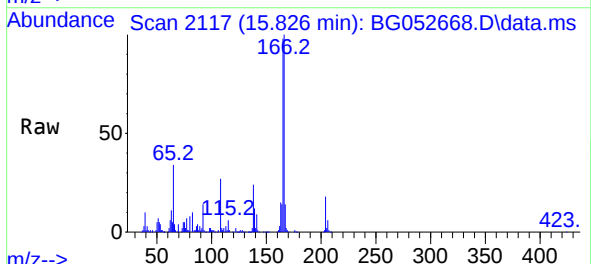
APPROVED

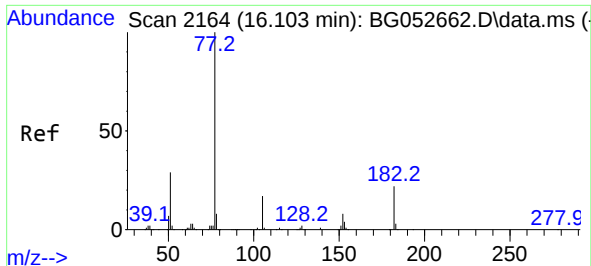
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#62
4-Nitroaniline
Concen: 43.815 ng
RT: 15.826 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

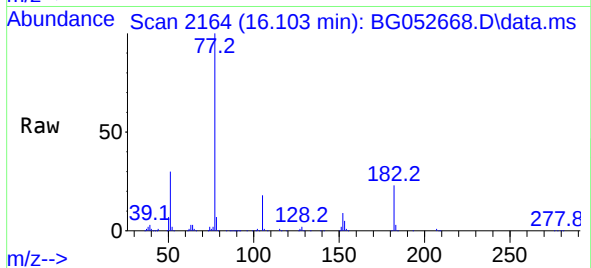
Tgt Ion:138 Resp: 70034
Ion Ratio Lower Upper
138 100
92 58.4 33.3 73.3
108 111.3 74.2 114.2





#63
Azobenzene
Concen: 41.668 ng
RT: 16.103 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

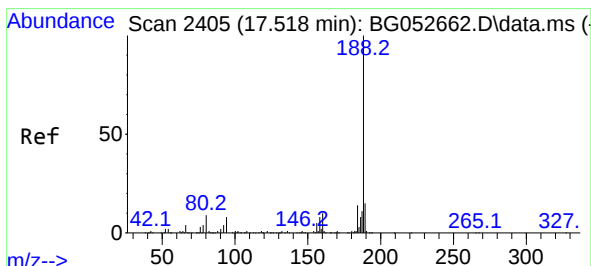
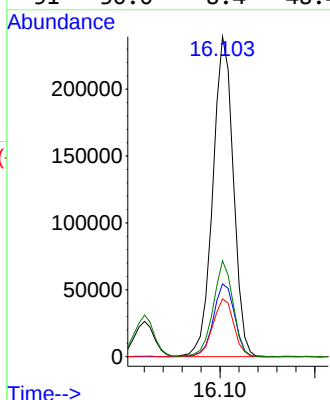
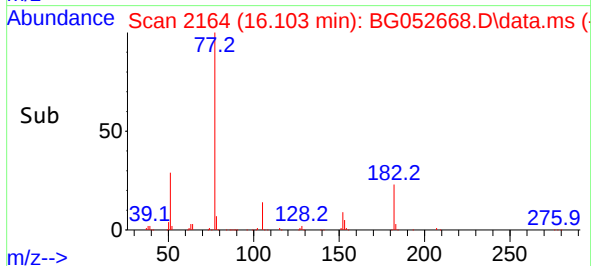
Instrument :
BNA_G
ClientSampleId :
PB143358BS



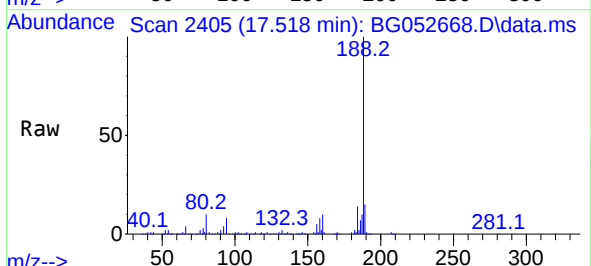
Tgt Ion: 77 Resp: 35995
Ion Ratio Lower Upper
77 100
182 22.7 5.6 45.6
105 18.1 0.0 38.8
51 30.0 8.4 48.4

Manual Integrations
APPROVED

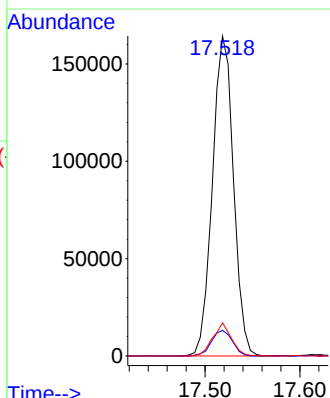
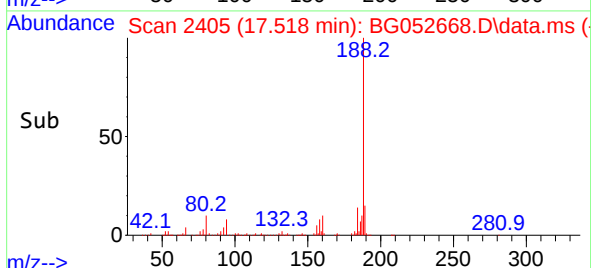
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

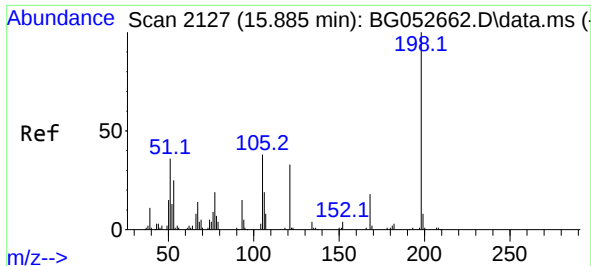


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:188 Resp: 253321
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 10.3 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.424 ng
RT: 15.885 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

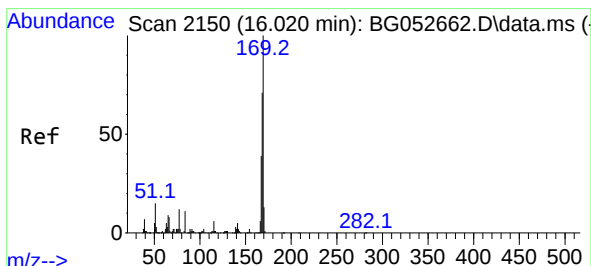
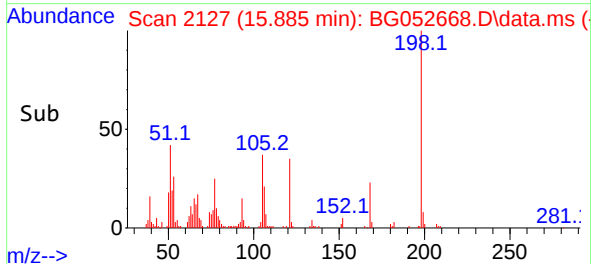
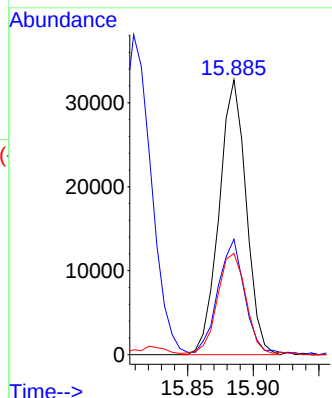
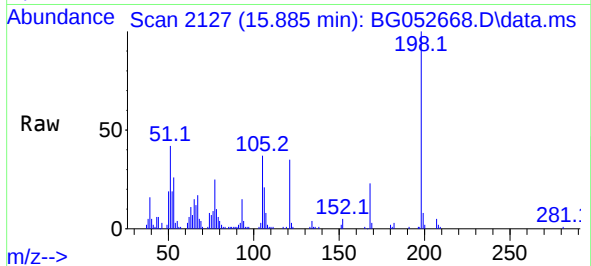
PB143358BS

Tgt Ion:198 Resp: 4678
Ion Ratio Lower Upper
198 100
51 42.0 21.7 61.7
105 36.9 20.8 60.8

Manual Integrations

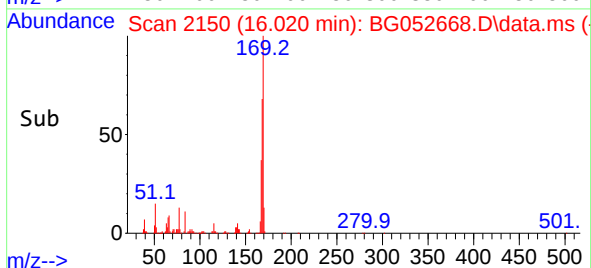
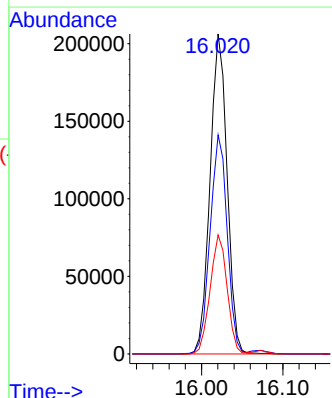
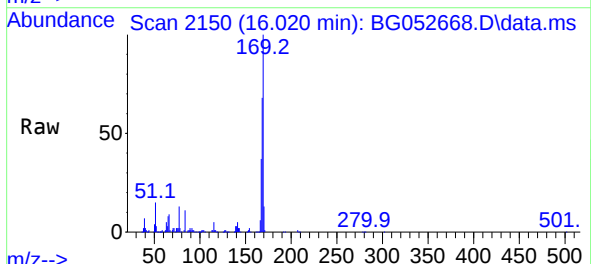
APPROVED

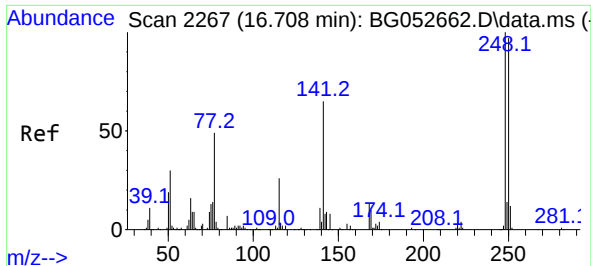
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 42.112 ng
RT: 16.020 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:169 Resp: 300338
Ion Ratio Lower Upper
169 100
168 68.5 54.5 81.7
167 37.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 39.510 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

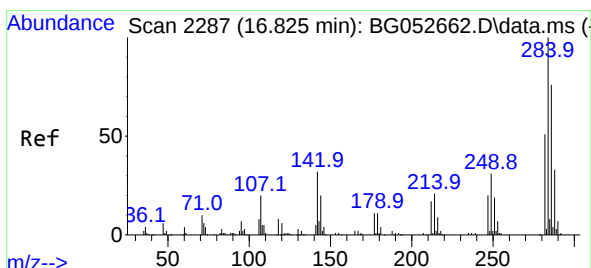
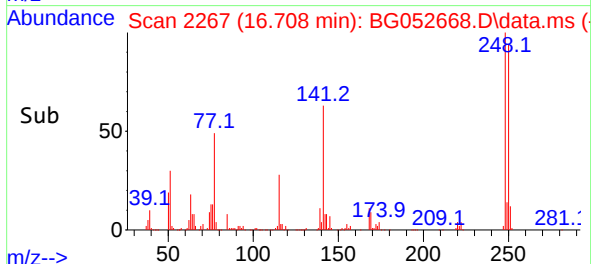
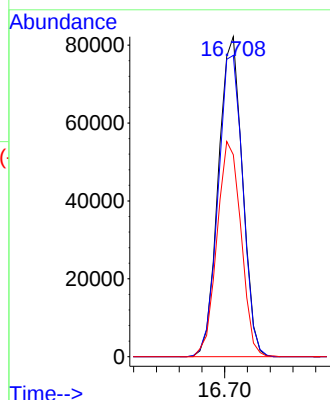
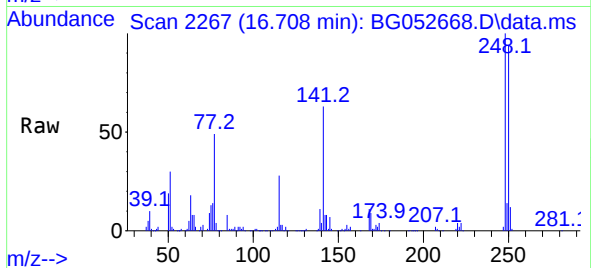
PB143358BS

Tgt Ion:248 Resp: 120660
Ion Ratio Lower Upper
248 100
250 94.1 77.9 116.9
141 63.1 49.2 73.8

Manual Integrations

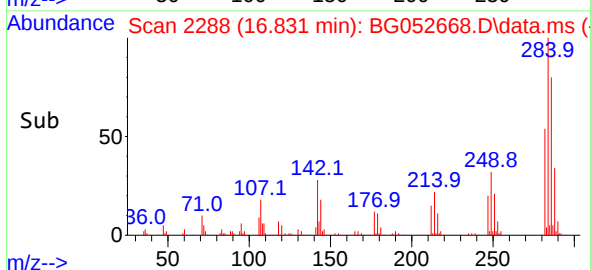
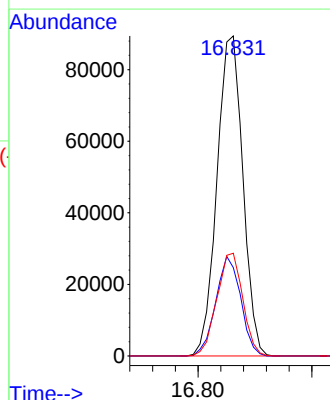
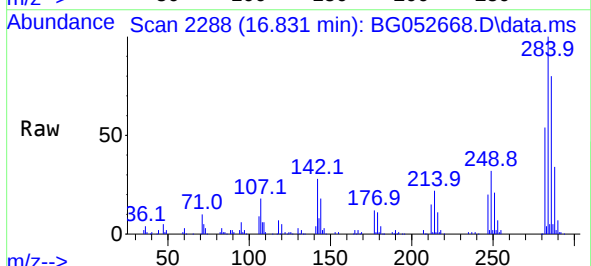
APPROVED

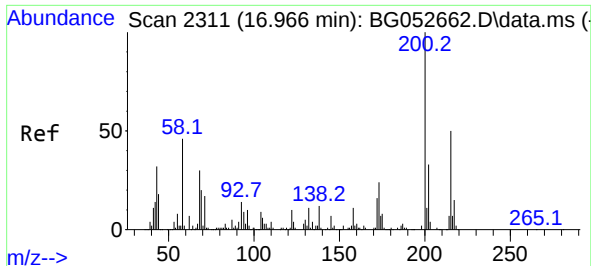
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#68
Hexachlorobenzene
Concen: 43.054 ng
RT: 16.831 min Scan# 2288
Delta R.T. 0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

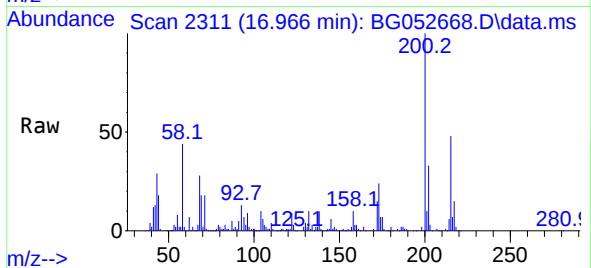
Tgt Ion:284 Resp: 141336
Ion Ratio Lower Upper
284 100
142 27.6 21.0 31.4
249 32.1 22.7 34.1





#69
Atrazine
Concen: 48.690 ng
RT: 16.966 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

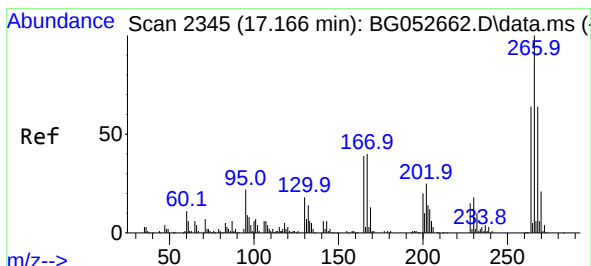
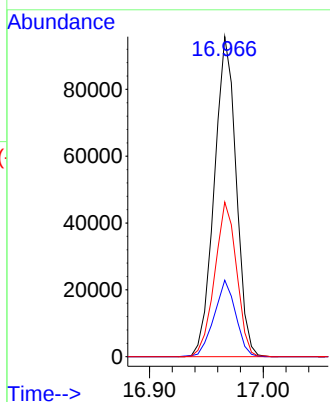
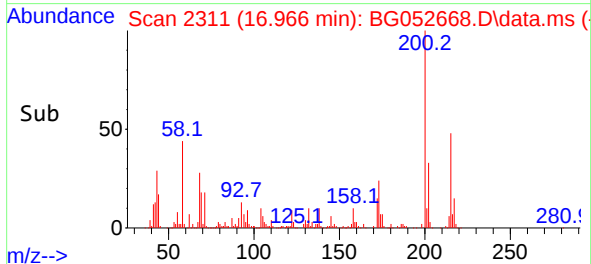
Instrument :
BNA_G
ClientSampleId :
PB143358BS



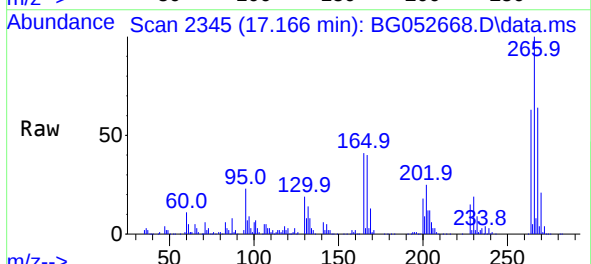
Tgt Ion:200 Resp: 12804
Ion Ratio Lower Upper
200 100
173 23.9 3.8 43.8
215 48.3 26.3 66.3

Manual Integrations
APPROVED

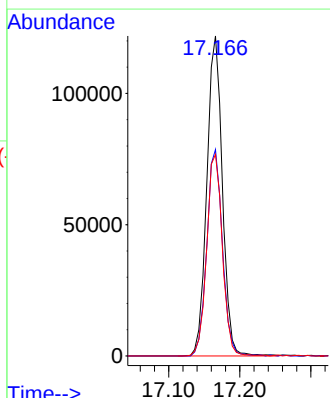
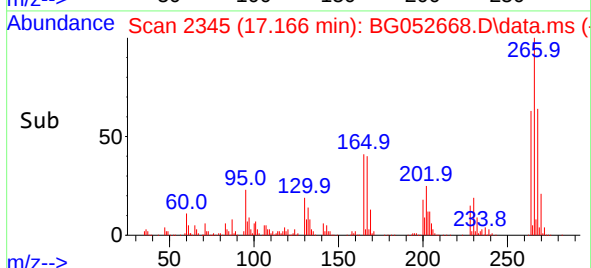
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

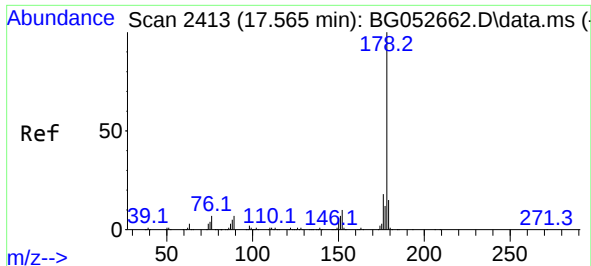


#70
Pentachlorophenol
Concen: 90.814 ng
RT: 17.166 min Scan# 2345
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:266 Resp: 184951
Ion Ratio Lower Upper
266 100
268 64.5 45.9 68.9
264 63.0 45.3 67.9





#71
Phenanthrene
Concen: 42.493 ng
RT: 17.559 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

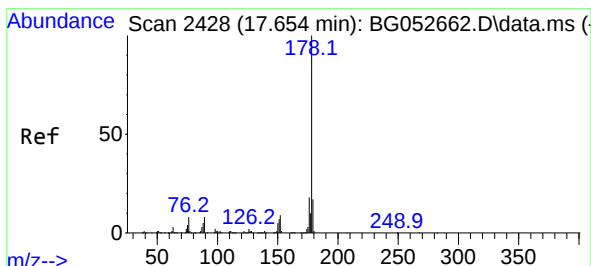
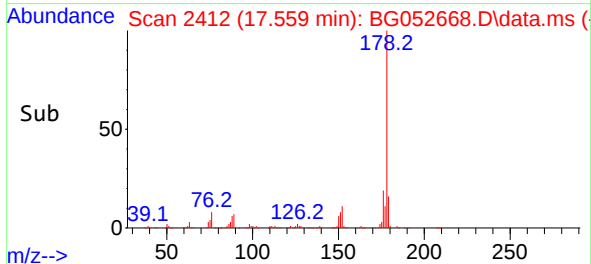
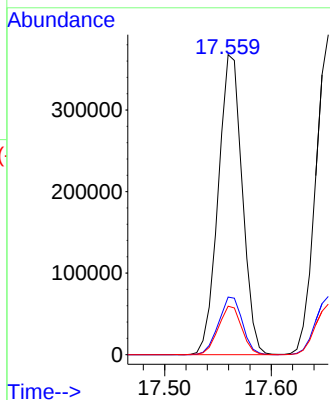
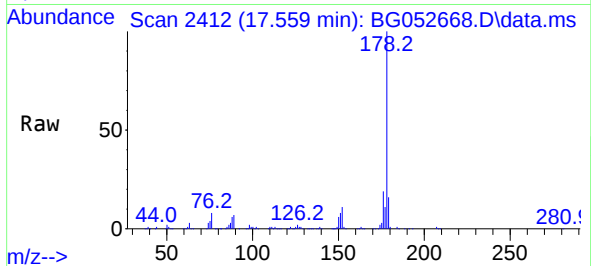
PB143358BS

Tgt Ion:178 Resp: 57586
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 16.2 13.4 20.2

Manual Integrations

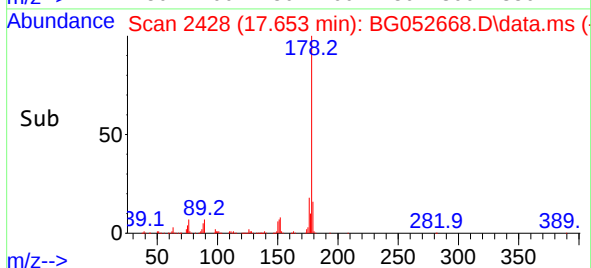
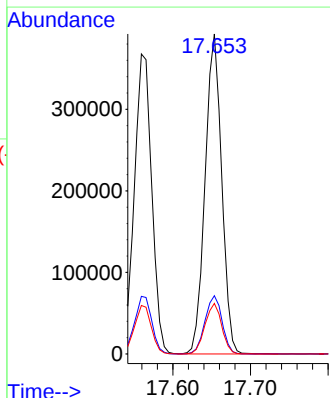
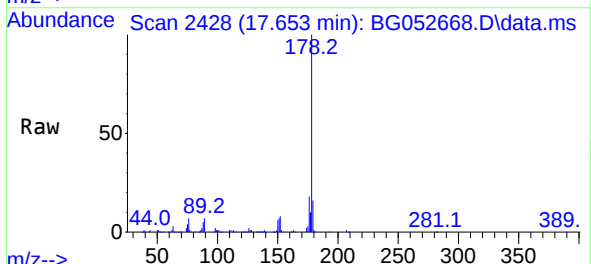
APPROVED

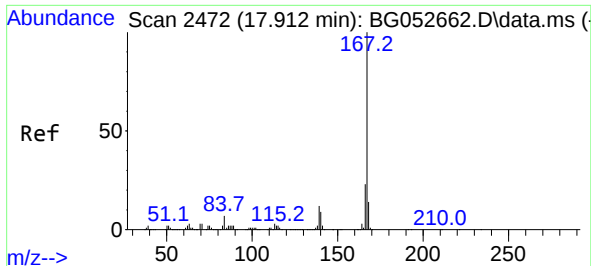
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#72
Anthracene
Concen: 43.482 ng
RT: 17.653 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:178 Resp: 582526
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.8 13.2 19.8





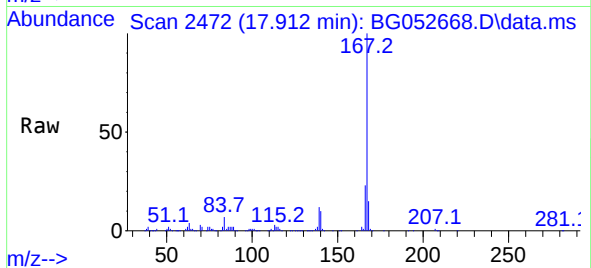
#73
 Carbazole
 Concen: 41.587 ng
 RT: 17.912 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG052668.D
 Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

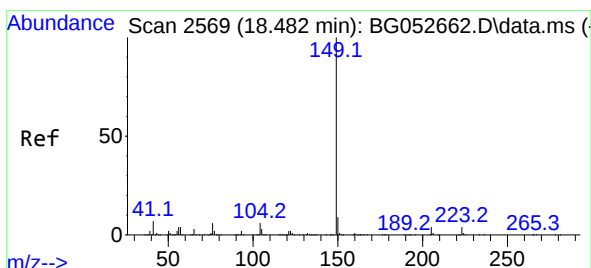
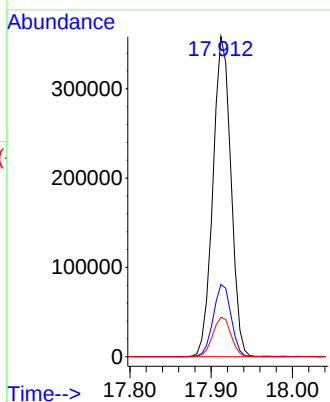
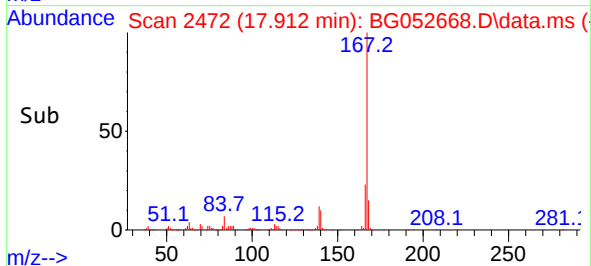


Tgt Ion:167 Resp: 551790
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.5 27.7
 139 12.3 10.0 15.0

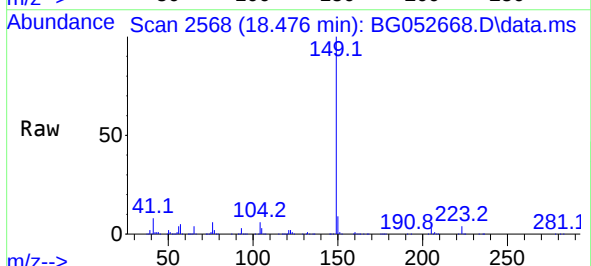
Manual Integrations

APPROVED

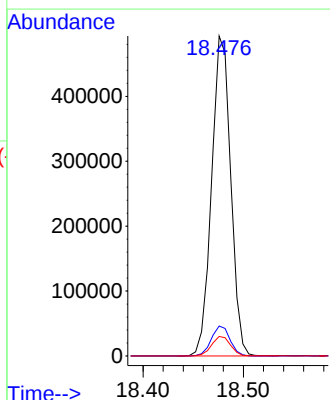
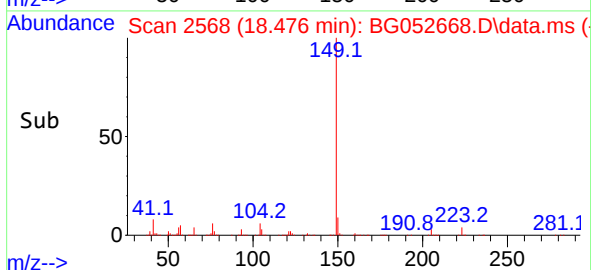
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

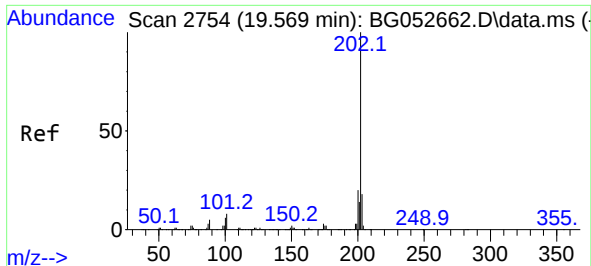


#74
 Di-n-butylphthalate
 Concen: 44.924 ng
 RT: 18.476 min Scan# 2568
 Delta R.T. -0.006 min
 Lab File: BG052668.D
 Acq: 15 Mar 2022 16:17



Tgt Ion:149 Resp: 651165
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 6.1 4.6 7.0





#75
Fluoranthene
Concen: 44.935 ng
RT: 19.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

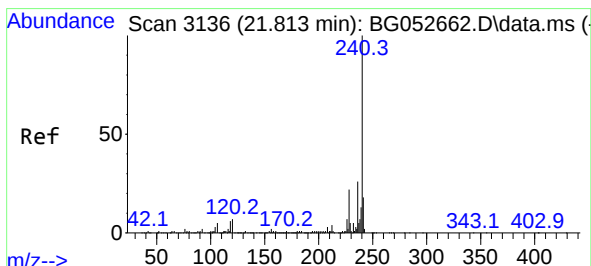
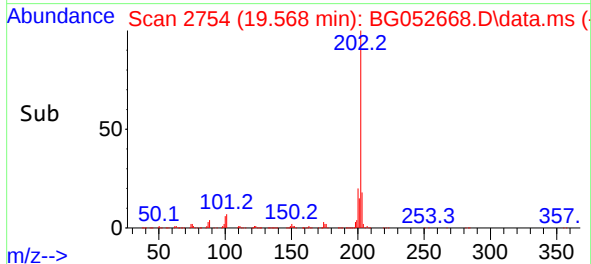
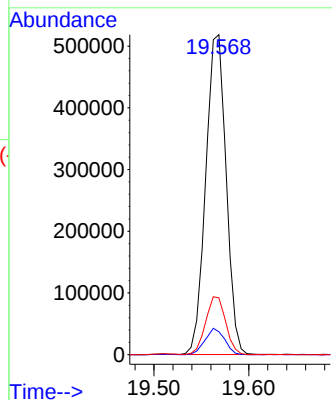
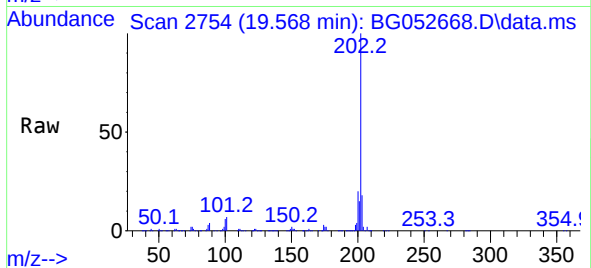
PB143358BS

Tgt Ion:202 Resp: 772994
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.3
203 17.8 0.0 37.7

Manual Integrations

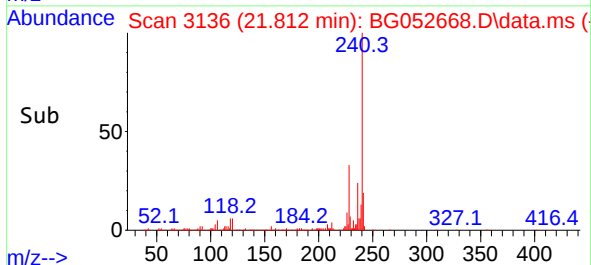
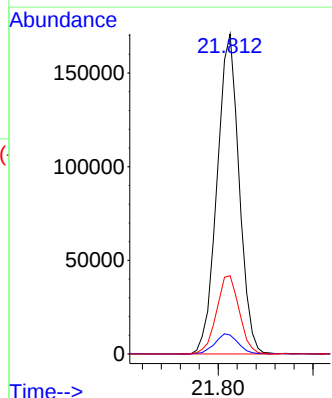
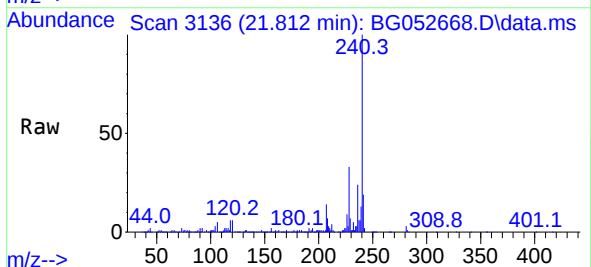
APPROVED

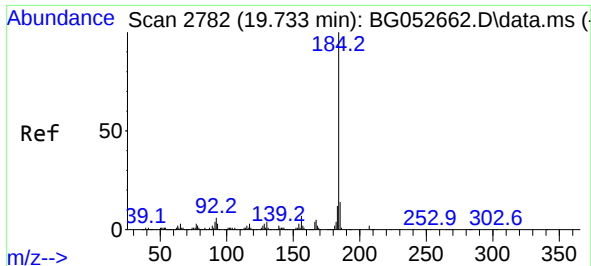
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.812 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:240 Resp: 275892
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.5 19.8 29.6





#77
Benzidine
Concen: 42.529 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

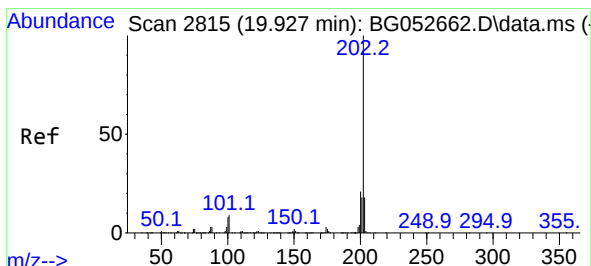
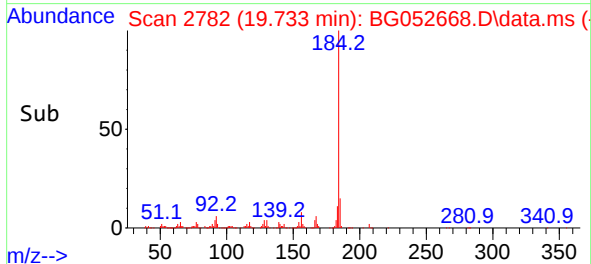
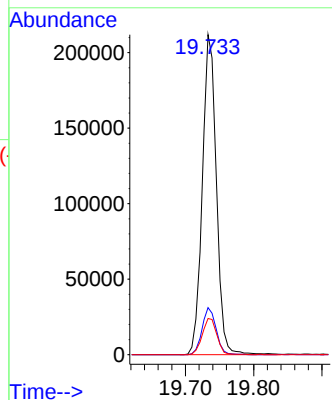
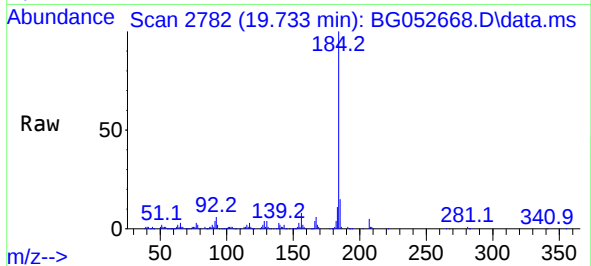
PB143358BS

Tgt Ion:184 Resp: 30262
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.3 9.4 14.2

Manual Integrations

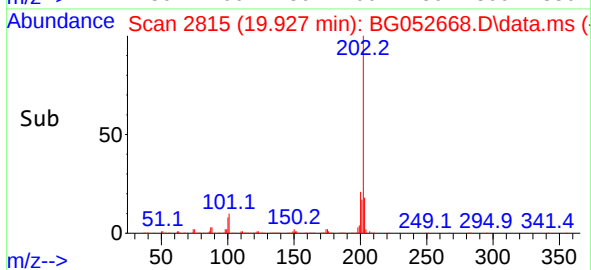
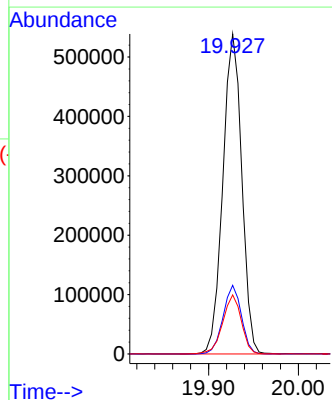
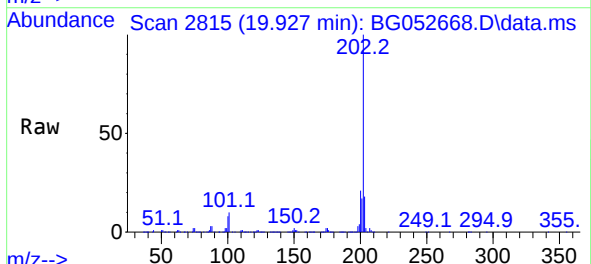
APPROVED

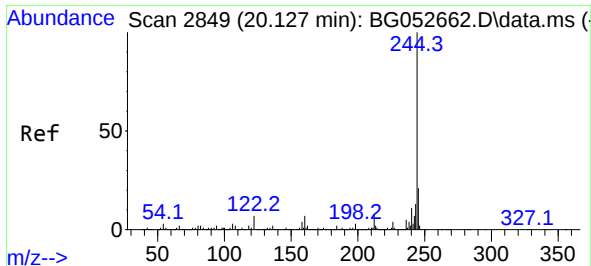
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#78
Pyrene
Concen: 41.137 ng
RT: 19.927 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:202 Resp: 787270
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 18.4 15.0 22.6





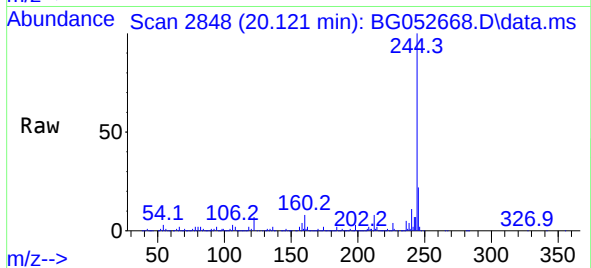
#79
 Terphenyl-d14
 Concen: 83.313 ng
 RT: 20.121 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052668.D
 Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

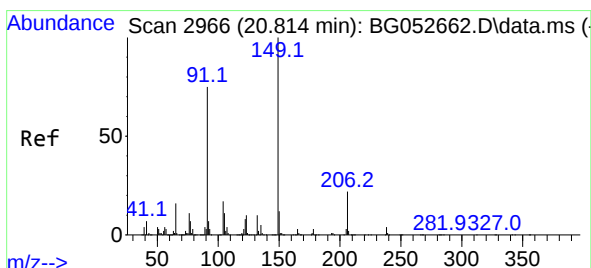
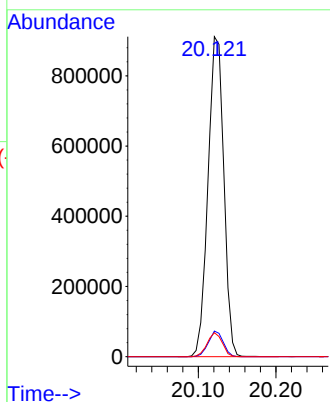
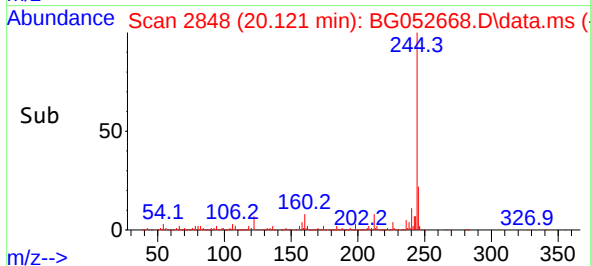


Tgt Ion:244 Resp: 129215
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 7.5 5.8 8.6

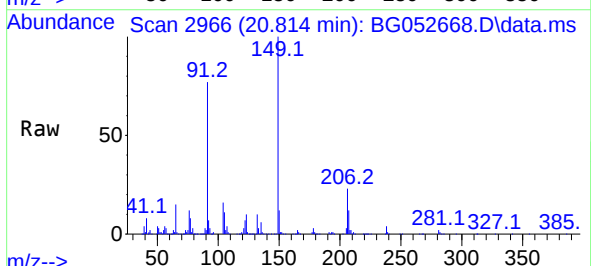
Manual Integrations

APPROVED

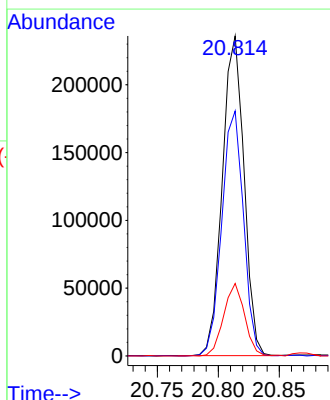
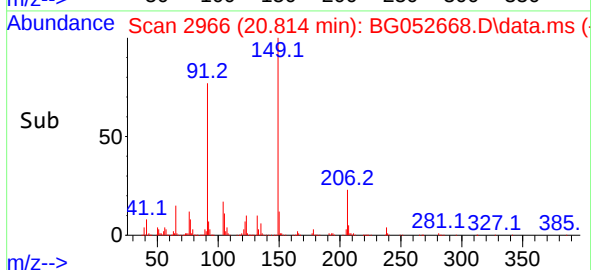
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

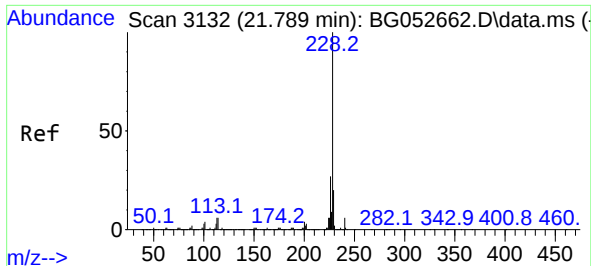


#80
 Butylbenzylphthalate
 Concen: 43.035 ng
 RT: 20.814 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG052668.D
 Acq: 15 Mar 2022 16:17



Tgt Ion:149 Resp: 292152
 Ion Ratio Lower Upper
 149 100
 91 76.5 60.2 90.4
 206 22.7 19.4 29.2





#81
Benzo(a)anthracene
Concen: 42.589 ng
RT: 21.789 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

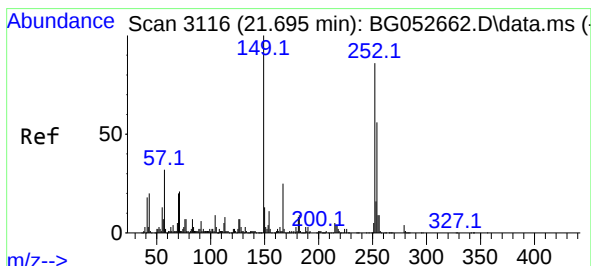
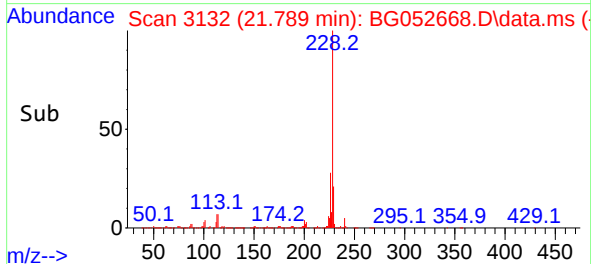
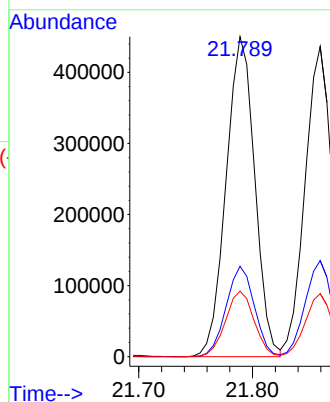
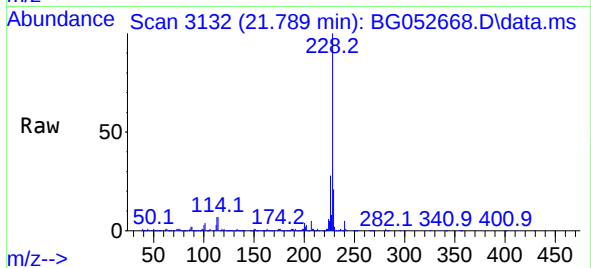
PB143358BS

Tgt Ion:228 Resp: 786799
Ion Ratio Lower Upper
228 100
226 28.3 21.4 32.0
229 20.5 16.7 25.1

Manual Integrations

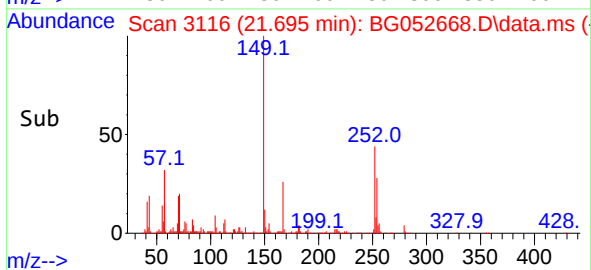
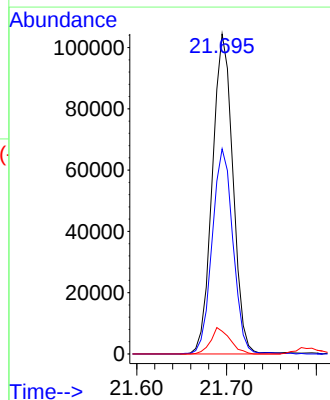
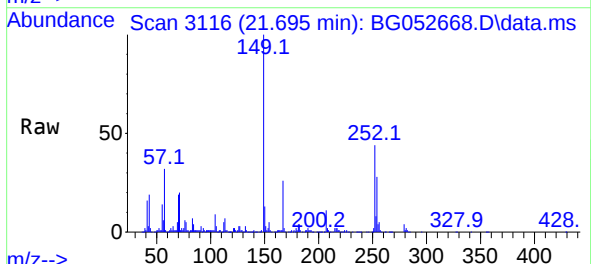
APPROVED

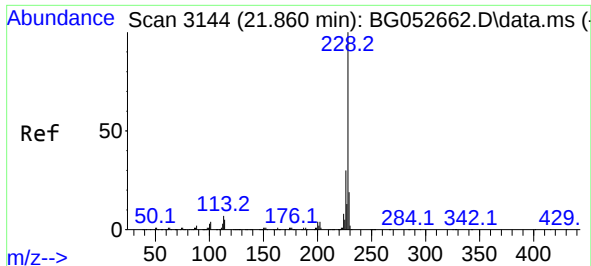
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 25.488 ng
RT: 21.695 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

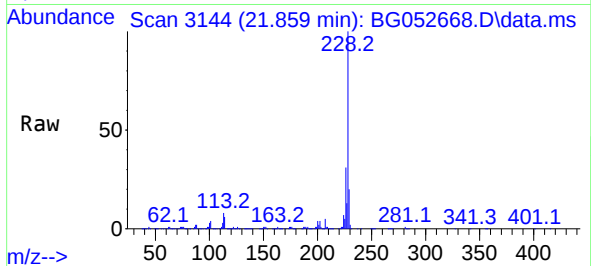
Tgt Ion:252 Resp: 166279
Ion Ratio Lower Upper
252 100
254 64.1 51.2 76.8
126 7.1 5.8 8.8





#83
Chrysene
Concen: 41.419 ng
RT: 21.859 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

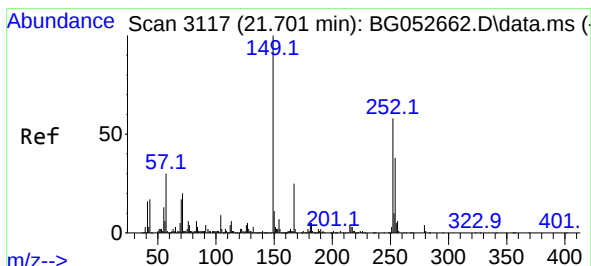
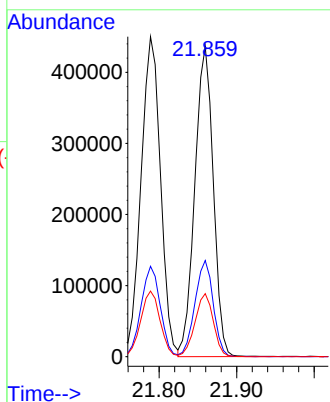
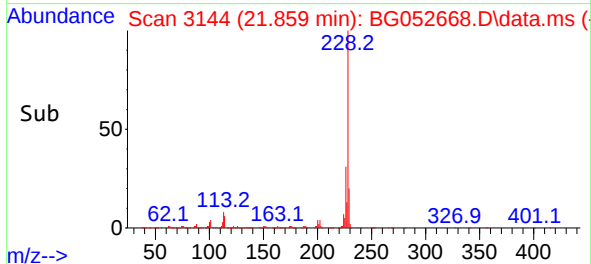
Instrument :
BNA_G
ClientSampleId :
PB143358BS



Tgt Ion:228 Resp: 719350
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.3 16.3 24.5

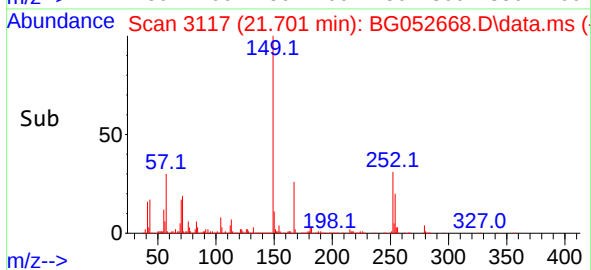
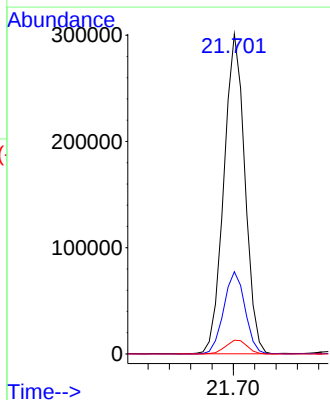
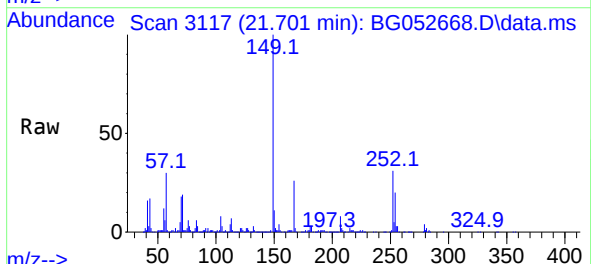
Manual Integrations
APPROVED

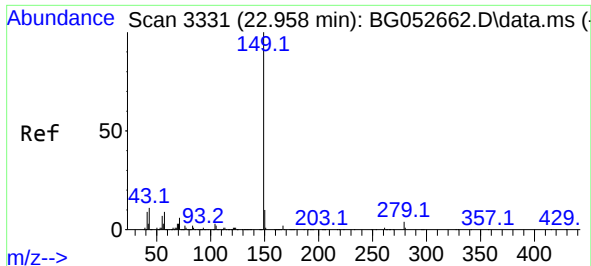
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.593 ng
RT: 21.701 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:149 Resp: 411690
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.3 3.8 5.8





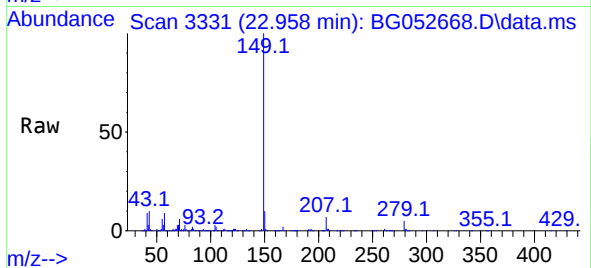
#85
Di-n-octyl phthalate
Concen: 45.428 ng
RT: 22.958 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

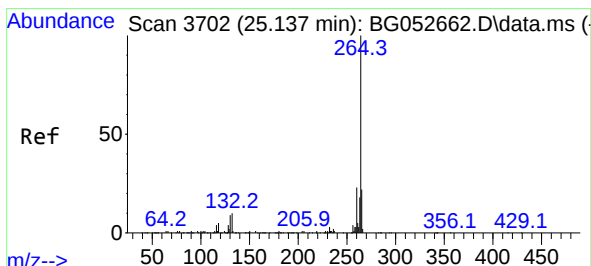
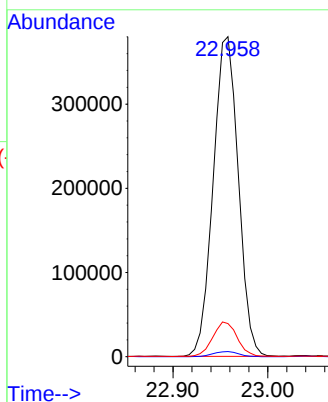
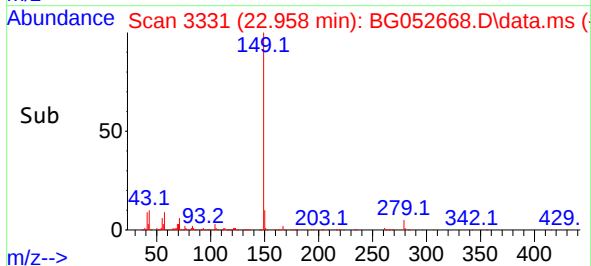


Tgt Ion:149 Resp: 69820
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 7.6 11.4

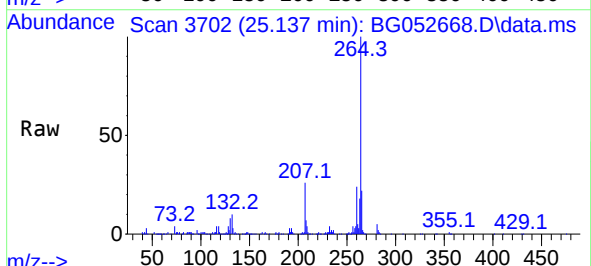
Manual Integrations

APPROVED

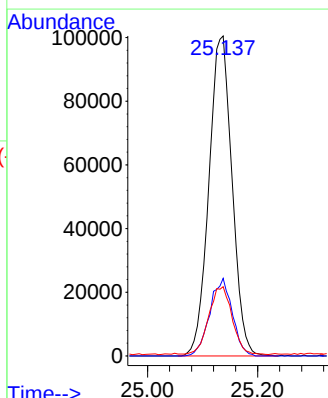
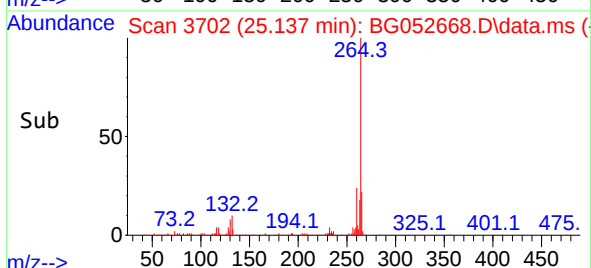
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

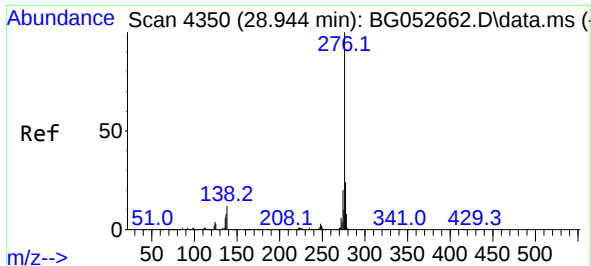


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.137 min Scan# 3702
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:264 Resp: 293442
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 21.7 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.392 ng
RT: 28.938 min Scan# 4349
Delta R.T. -0.006 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

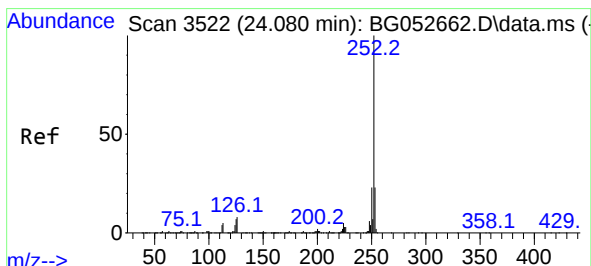
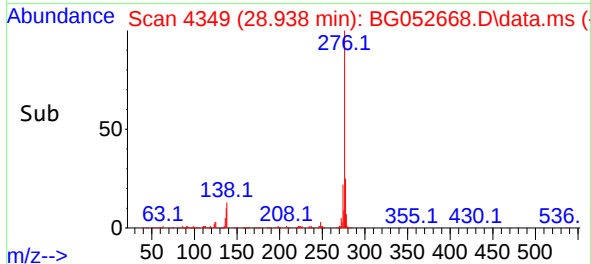
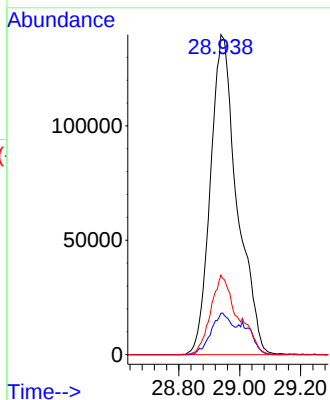
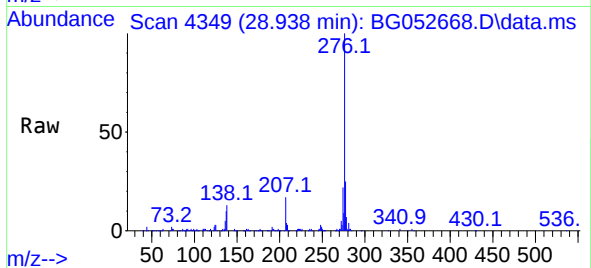
ClientSampleId :

PB143358BS

Tgt Ion:276 Resp: 851464
Ion Ratio Lower Upper
276 100
138 10.2 8.7 13.1
277 25.4 20.2 30.4

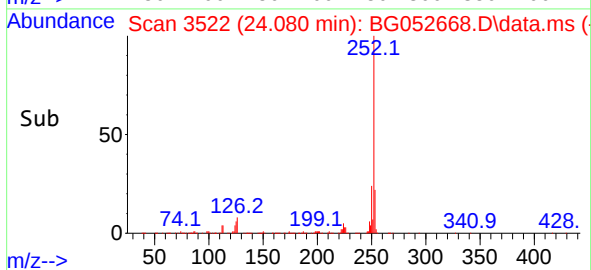
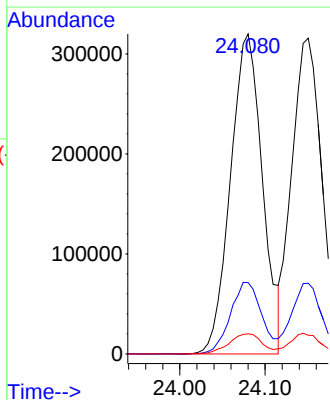
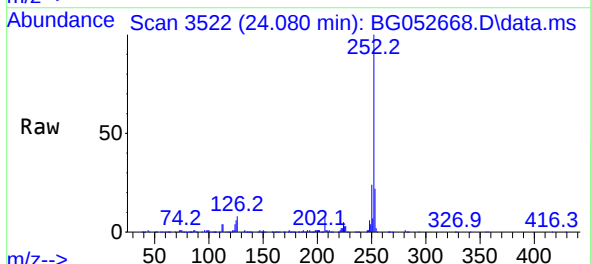
Manual Integrations
APPROVED

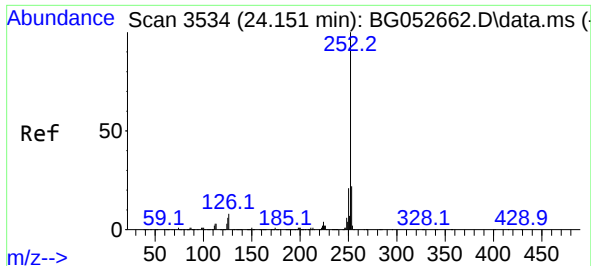
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#88
Benzo(b)fluoranthene
Concen: 45.785 ng
RT: 24.080 min Scan# 3522
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:252 Resp: 834203
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 6.3 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 42.975 ng
RT: 24.151 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

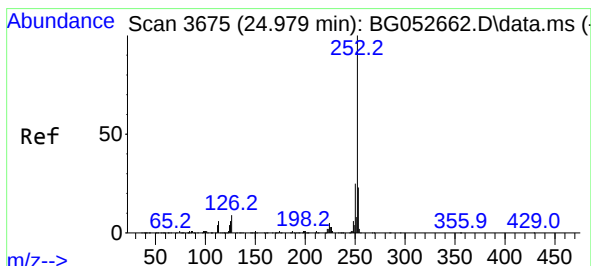
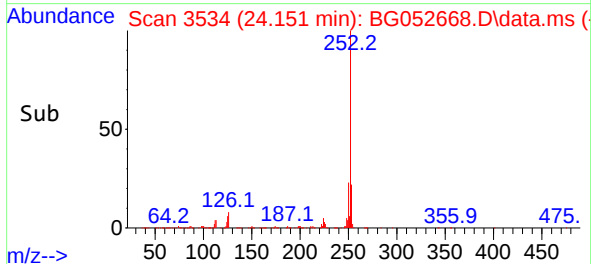
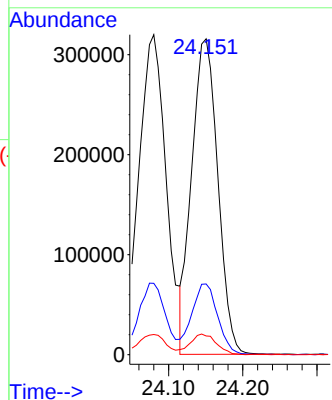
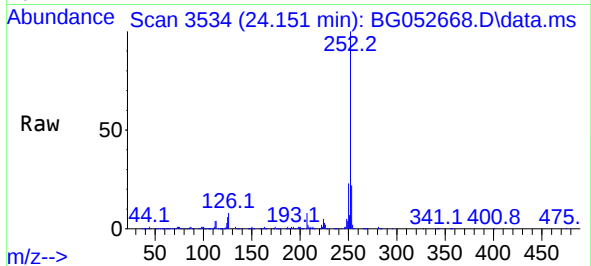
PB143358BS

Tgt Ion:252 Resp: 770379
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 5.9 5.0 7.4

Manual Integrations

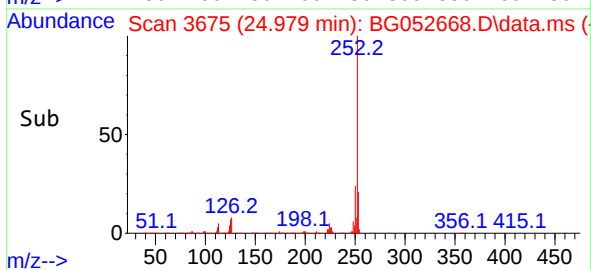
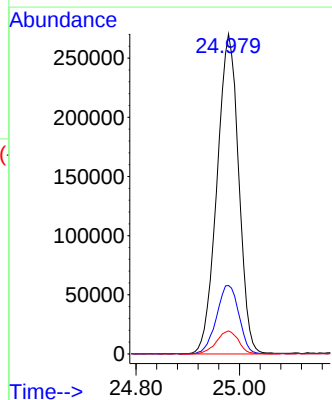
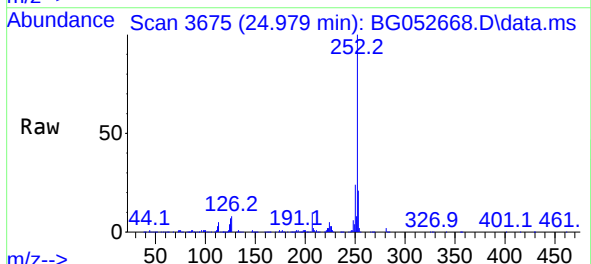
APPROVED

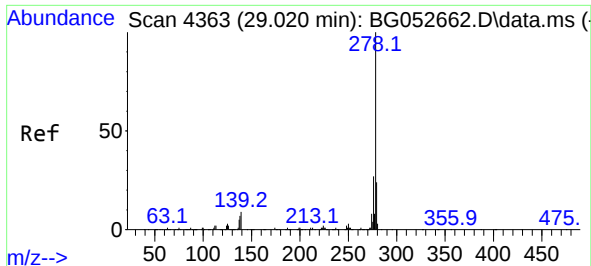
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#90
Benzo(a)pyrene
Concen: 51.026 ng
RT: 24.979 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Tgt Ion:252 Resp: 786957
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 7.2 5.6 8.4





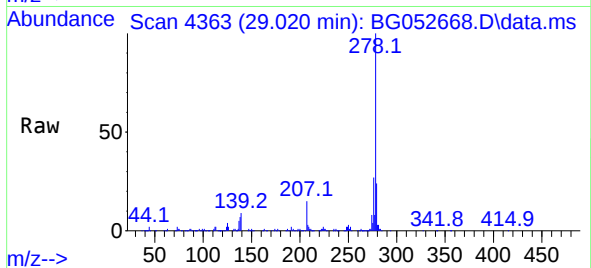
#91
Dibenzo(a,h)anthracene
Concen: 44.581 ng
RT: 29.020 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17

Instrument :

BNA_G

ClientSampleId :

PB143358BS

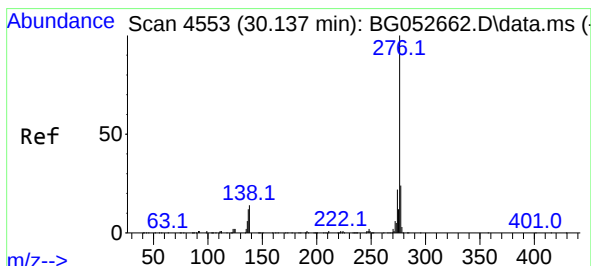
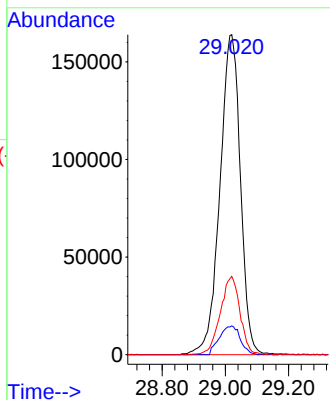
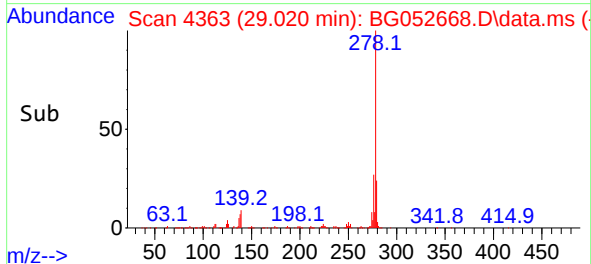


Tgt Ion:278 Resp: 737830
Ion Ratio Lower Upper
278 100
139 9.0 7.8 11.6
279 24.4 18.5 27.7

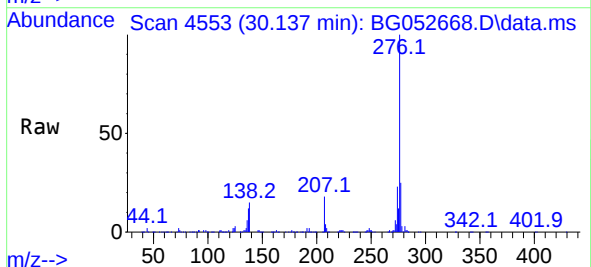
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#92
Benzo(g,h,i)perylene
Concen: 45.046 ng
RT: 30.137 min Scan# 4553
Delta R.T. -0.000 min
Lab File: BG052668.D
Acq: 15 Mar 2022 16:17



Tgt Ion:276 Resp: 737650
Ion Ratio Lower Upper
276 100
277 25.3 18.2 27.2
138 14.6 9.1 13.7#

