

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053695.D
 Acq On : 25 May 2022 15:50
 Operator : CG/JU
 Sample : PB145039BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145039BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 02:51:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	27329	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	115151	20.000	ng	0.00
39) Acenaphthene-d10	14.624	164	83827	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	197748	20.000	ng	0.00
76) Chrysene-d12	21.638	240	204924	20.000	ng	0.00
86) Perylene-d12	24.840	264	210026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.554	112	224697	139.537	ng	0.00
7) Phenol-d6	7.164	99	316243	129.402	ng	0.00
23) Nitrobenzene-d5	9.155	82	214052	79.130	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	143599	116.147	ng	0.00
45) 2-Fluorobiphenyl	13.250	172	469231	81.797	ng	0.00
79) Terphenyl-d14	19.982	244	926606	84.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	22310	26.405	ng	# 90
3) Pyridine	3.804	79	60122	29.138	ng	94
4) n-Nitrosodimethylamine	3.721	42	40935	40.726	ng	# 99
6) Aniline	7.311	93	113910	42.083	ng	97
8) 2-Chlorophenol	7.557	128	78812	46.817	ng	98
9) Benzaldehyde	7.123	77	53148	34.232	ng	95
10) Phenol	7.193	94	110810	46.360	ng	95
11) bis(2-Chloroethyl)ether	7.399	93	74441	41.759	ng	96
12) 1,3-Dichlorobenzene	7.875	146	83134	41.861	ng	94
13) 1,4-Dichlorobenzene	8.022	146	83522	41.677	ng	99
14) 1,2-Dichlorobenzene	8.345	146	82300	43.733	ng	95
15) Benzyl Alcohol	8.233	79	88339	43.236	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.509	45	124408	42.880	ng	97
17) 2-Methylphenol	8.445	107	71801	44.445	ng	97
18) Hexachloroethane	9.073	117	30813	40.489	ng	97
19) n-Nitroso-di-n-propyla...	8.791	70	72067	41.100	ng	98
20) 3+4-Methylphenols	8.768	107	99194	43.475	ng	97
22) Acetophenone	8.815	105	126242	40.057	ng	# 97
24) Nitrobenzene	9.196	77	109901	41.976	ng	97
25) Isophorone	9.719	82	196194	43.096	ng	98
26) 2-Nitrophenol	9.913	139	44663	42.119	ng	94
27) 2,4-Dimethylphenol	9.972	122	76875	48.172	ng	97
28) bis(2-Chloroethoxy)met...	10.201	93	106135	40.536	ng	94
29) 2,4-Dichlorophenol	10.459	162	85036	44.151	ng	92
30) 1,2,4-Trichlorobenzene	10.659	180	88128	40.272	ng	98
31) Naphthalene	10.847	128	242132	41.338	ng	98
32) Benzoic acid	10.160	122	25355m	29.410	ng	
33) 4-Chloroaniline	10.959	127	73098	29.799	ng	97
34) Hexachlorobutadiene	11.135	225	63165	38.926	ng	96
35) Caprolactam	11.734	113	26533m	37.909	ng	
36) 4-Chloro-3-methylphenol	12.093	107	94759	41.130	ng	97
37) 2-Methylnaphthalene	12.451	142	174502	39.920	ng	97
38) 1-Methylnaphthalene	12.674	142	168622m	39.537	ng	
40) 1,2,4,5-Tetrachloroben...	12.827	216	109835	41.567	ng	# 99
41) Hexachlorocyclopentadiene	12.803	237	90942	84.000	ng	97
43) 2,4,6-Trichlorophenol	13.068	196	69711	40.417	ng	97

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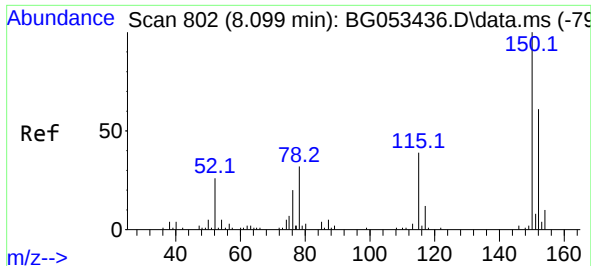
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.150	196	75597	41.182	ng	99
46) 1,1'-Biphenyl	13.461	154	240374	42.068	ng	98
47) 2-Chloronaphthalene	13.502	162	187348	41.849	ng	99
48) 2-Nitroaniline	13.708	65	72240	43.306	ng	99
49) Acenaphthylene	14.348	152	312770	43.782	ng	99
50) Dimethylphthalate	14.078	163	254030	39.879	ng	100
51) 2,6-Dinitrotoluene	14.201	165	56489	43.527	ng	98
52) Acenaphthene	14.689	154	177531	41.700	ng	98
53) 3-Nitroaniline	14.536	138	46341	33.048	ng	96
54) 2,4-Dinitrophenol	14.754	184	58246	71.430	ng	97
55) Dibenzofuran	15.024	168	300639	39.315	ng	99
56) 4-Nitrophenol	14.865	139	78098	77.977	ng	94
57) 2,4-Dinitrotoluene	14.994	165	77384	41.137	ng	# 88
58) Fluorene	15.676	166	249385	40.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.259	232	72340	38.840	ng	97
60) Diethylphthalate	15.435	149	262157	39.841	ng	98
61) 4-Chlorophenyl-phenyle...	15.658	204	136025	39.724	ng	97
62) 4-Nitroaniline	15.699	138	58803	40.431	ng	94
63) Azobenzene	15.952	77	269528	40.001	ng	98
65) 4,6-Dinitro-2-methylph...	15.764	198	47882	40.636	ng	96
66) n-Nitrosodiphenylamine	15.876	169	222493	42.854	ng	100
67) 4-Bromophenyl-phenylether	16.557	248	96347	41.718	ng	97
68) Hexachlorobenzene	16.686	284	106704	42.187	ng	97
69) Atrazine	16.821	200	95246	43.577	ng	95
70) Pentachlorophenol	17.033	266	92964	68.933	ng	91
71) Phenanthrene	17.415	178	429391	42.704	ng	98
72) Anthracene	17.503	178	436446	44.160	ng	98
73) Carbazole	17.779	167	403988	41.708	ng	99
74) Di-n-butylphthalate	18.325	149	473143	43.432	ng	99
75) Fluoranthene	19.424	202	558550	42.901	ng	98
77) Benzidine	19.600	184	268996	60.902	ng	99
78) Pyrene	19.788	202	557474	42.024	ng	99
80) Butylbenzylphthalate	20.663	149	213669	43.924	ng	98
81) Benzo(a)anthracene	21.621	228	562215	43.014	ng	98
82) 3,3'-Dichlorobenzidine	21.527	252	159656	48.169	ng	99
83) Chrysene	21.685	228	507358	41.562	ng	97
84) Bis(2-ethylhexyl)phtha...	21.509	149	304010	45.279	ng	98
85) Di-n-octyl phthalate	22.708	149	516943	45.532	ng	100
87) Indeno(1,2,3-cd)pyrene	28.511	276	616085	42.117	ng	# 96
88) Benzo(b)fluoranthene	23.824	252	589326	47.405	ng	99
89) Benzo(k)fluoranthene	23.888	252	543272	44.471	ng	97
90) Benzo(a)pyrene	24.693	252	549427	51.924	ng	# 99
91) Dibenzo(a,h)anthracene	28.558	278	536737	44.530	ng	98
92) Benzo(g,h,i)perylene	29.657	276	528255	44.214	ng	95

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



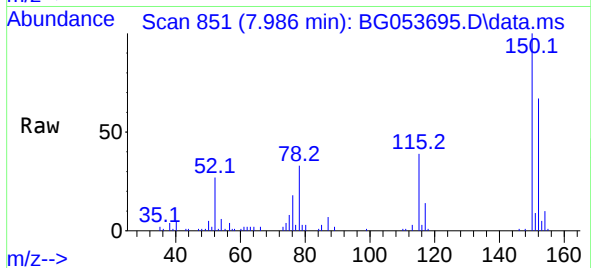
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

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PB145039BS

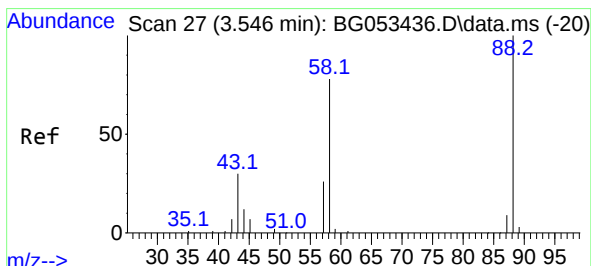
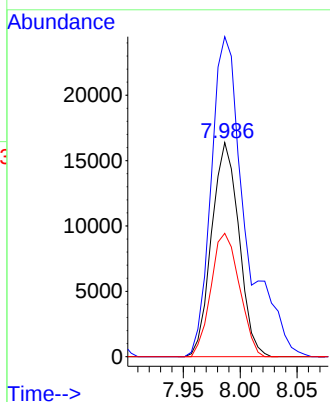
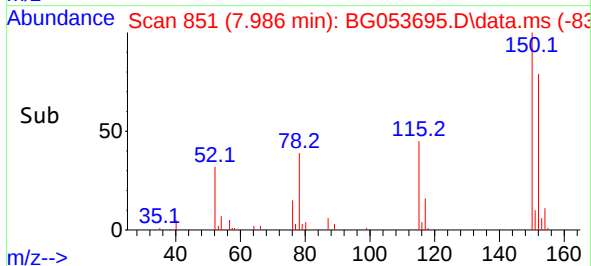


Tgt Ion:152 Resp: 27329
Ion Ratio Lower Upper
152 100
150 149.5 131.6 197.4
115 57.6 50.9 76.3

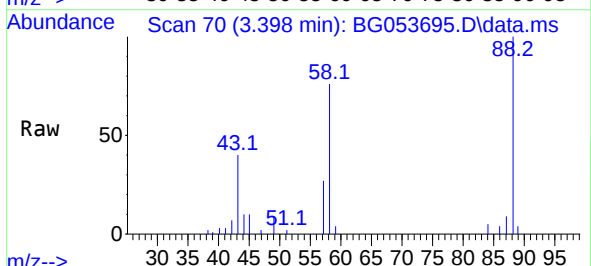
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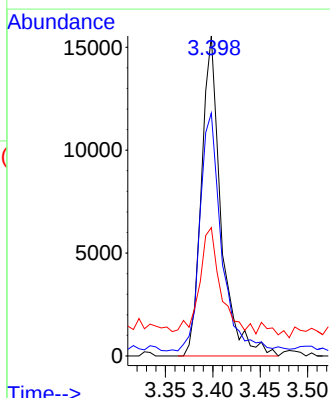
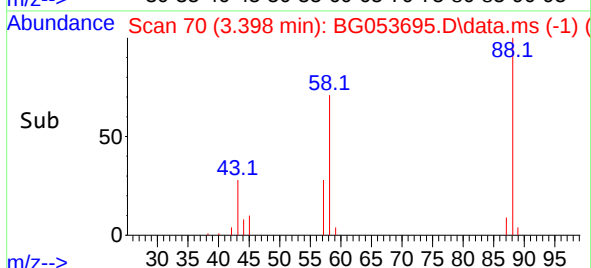
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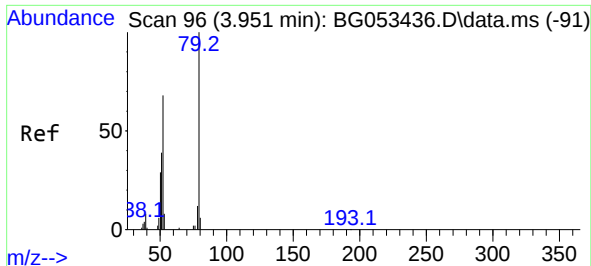


#2
1,4-Dioxane
Concen: 26.405 ng
RT: 3.398 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion: 88 Resp: 22310
Ion Ratio Lower Upper
88 100
58 81.5 59.2 88.8
43 36.6 24.3 36.5#





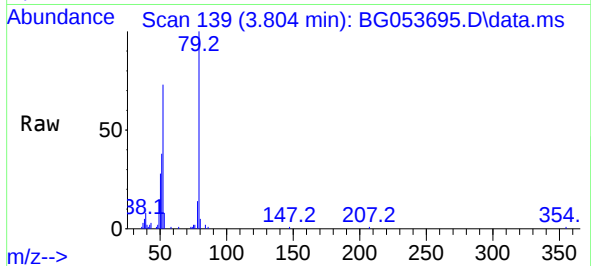
#3
Pyridine
Concen: 29.138 ng
RT: 3.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053695.D
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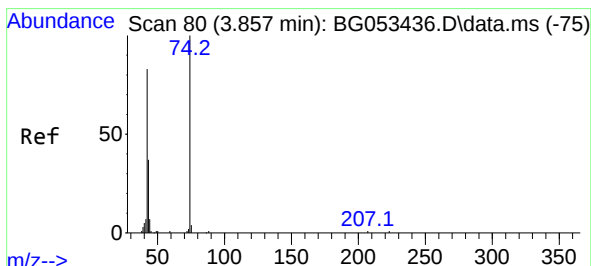
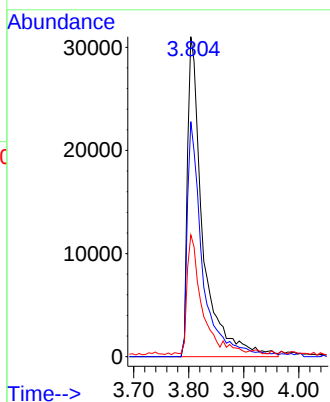
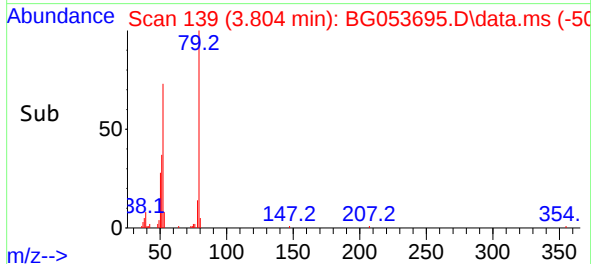


Tgt Ion: 79 Resp: 6012
Ion Ratio Lower Upper
79 100
52 73.5 54.6 81.8
51 38.1 32.5 48.7

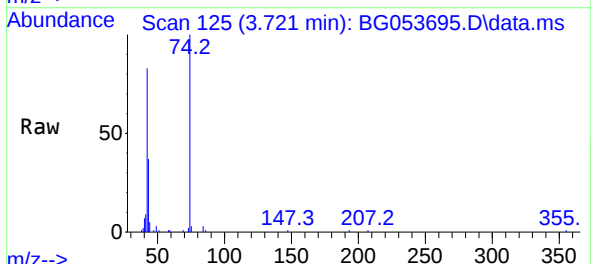
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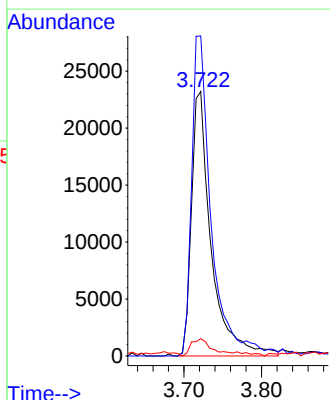
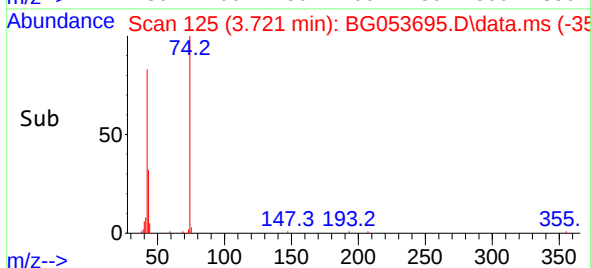
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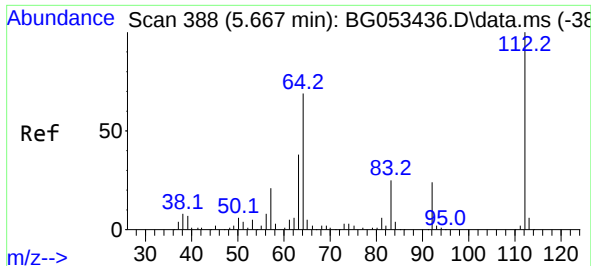


#4
n-Nitrosodimethylamine
Concen: 40.726 ng
RT: 3.721 min Scan# 125
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion: 42 Resp: 40935
Ion Ratio Lower Upper
42 100
74 121.0 97.0 145.4
44 6.5 7.0 10.4





#5
2-Fluorophenol
Concen: 139.537 ng
RT: 5.554 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

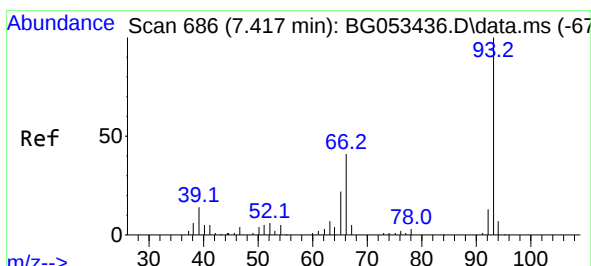
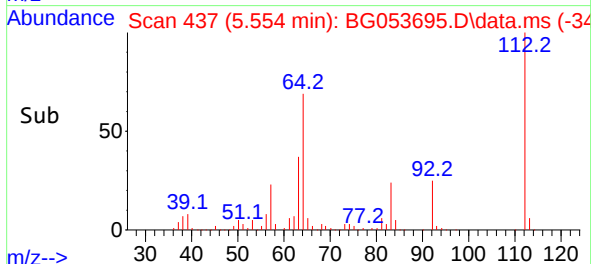
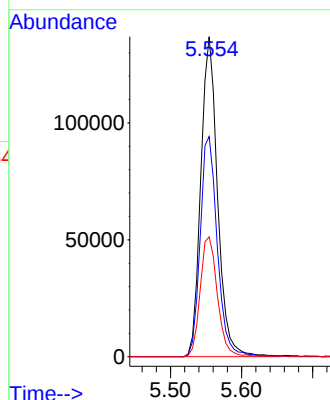
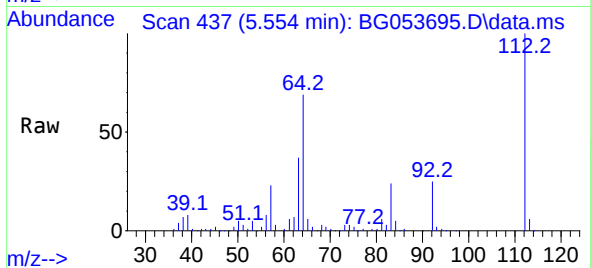
PB145039BS

Tgt Ion:112 Resp: 224697
Ion Ratio Lower Upper
112 100
64 68.8 55.1 82.7
63 37.5 30.4 45.6

Manual Integrations

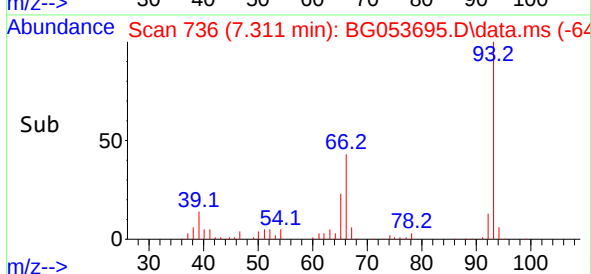
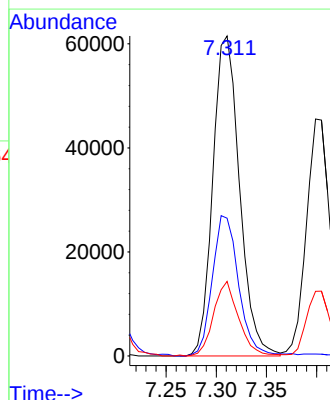
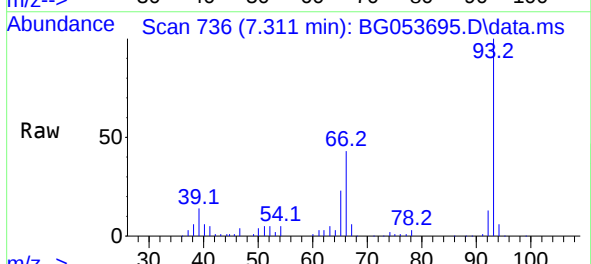
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#6
Aniline
Concen: 42.083 ng
RT: 7.311 min Scan# 736
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion: 93 Resp: 113910
Ion Ratio Lower Upper
93 100
66 43.1 32.9 49.3
65 23.3 17.8 26.8





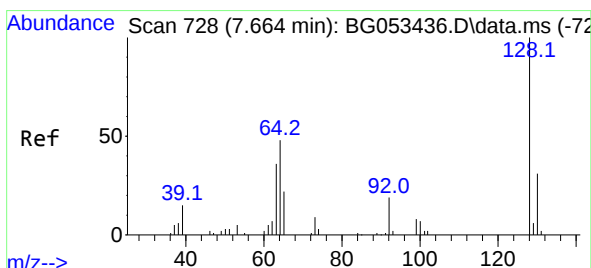
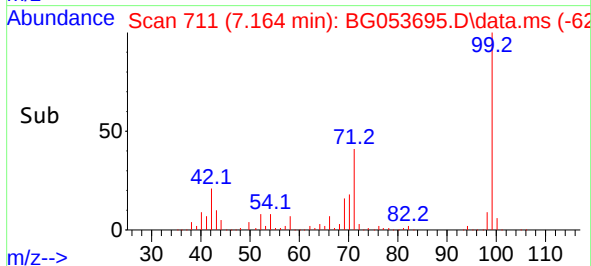
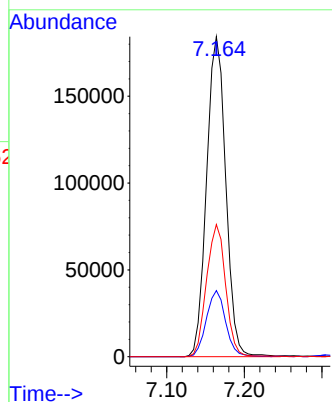
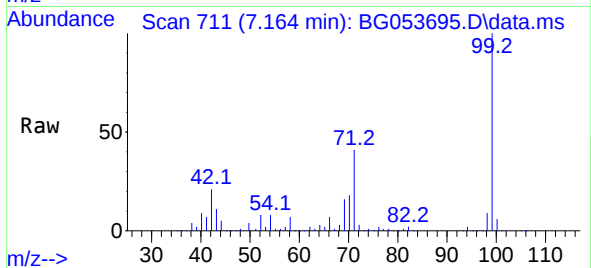
#7
Phenol-d6
Concen: 129.402 ng
RT: 7.164 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 31624
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.3 33.8 50.8

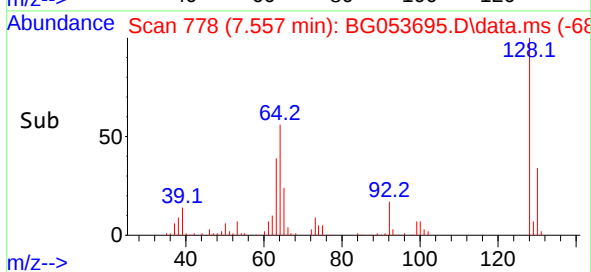
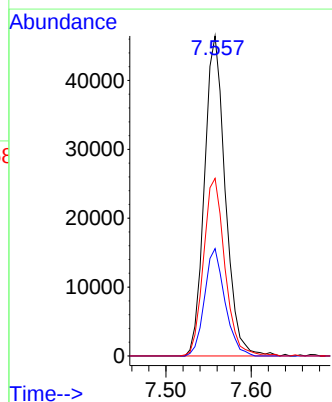
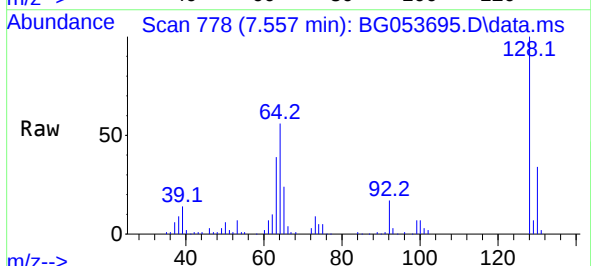
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#8
2-Chlorophenol
Concen: 46.817 ng
RT: 7.557 min Scan# 778
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:128 Resp: 78812
Ion Ratio Lower Upper
128 100
130 33.6 10.5 50.5
64 55.5 35.1 75.1





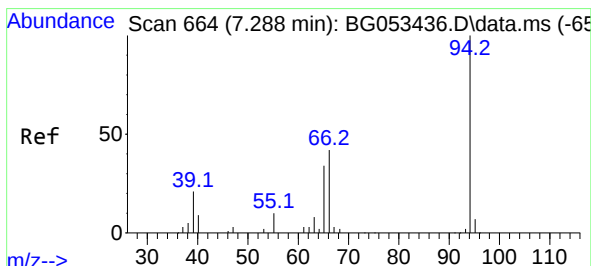
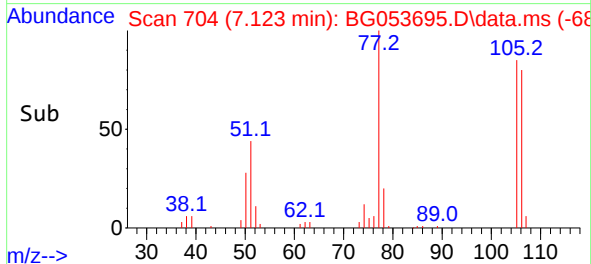
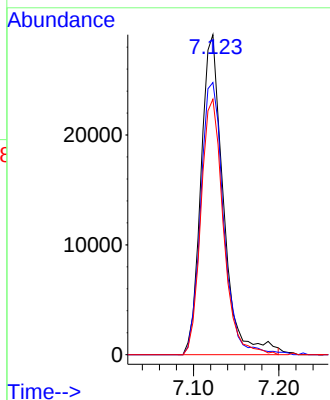
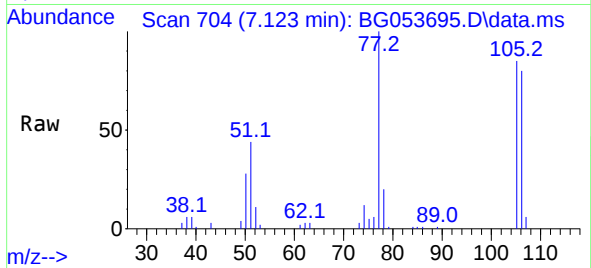
#9
Benzaldehyde
Concen: 34.232 ng
RT: 7.123 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
BNA_G
ClientSampleId :
PB145039BS

Tgt Ion: 77 Resp: 5314
Ion Ratio Lower Upper
77 100
105 85.1 59.6 99.6
106 79.8 56.8 96.8

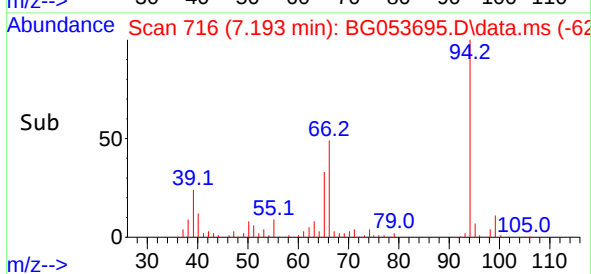
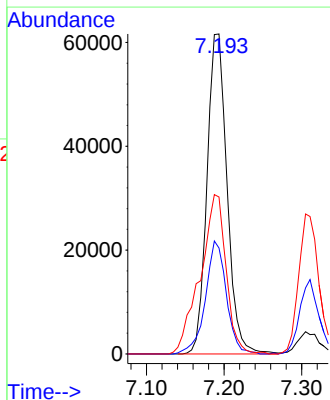
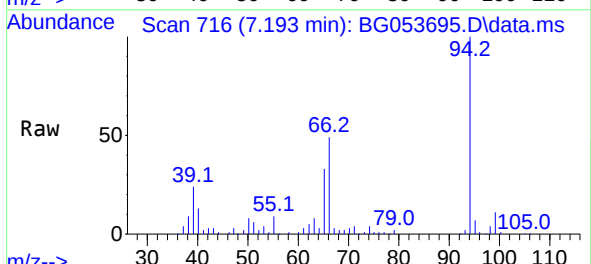
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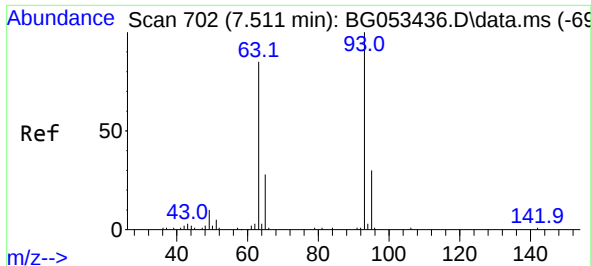
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#10
Phenol
Concen: 46.360 ng
RT: 7.193 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion: 94 Resp: 110810
Ion Ratio Lower Upper
94 100
65 33.1 14.8 54.8
66 49.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 41.759 ng
RT: 7.399 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

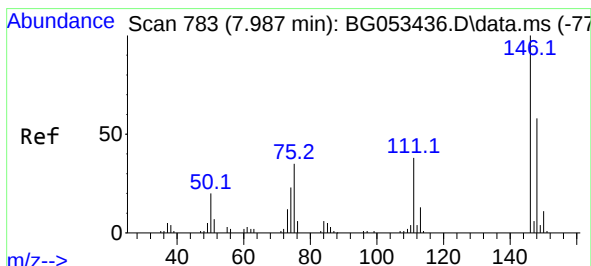
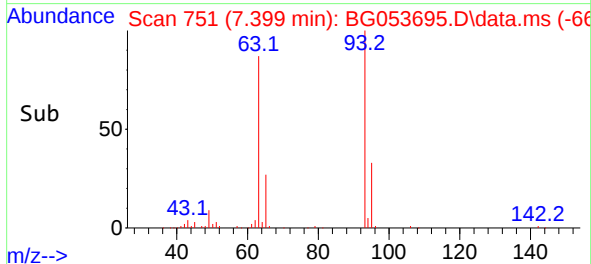
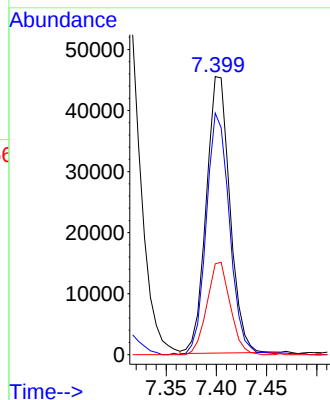
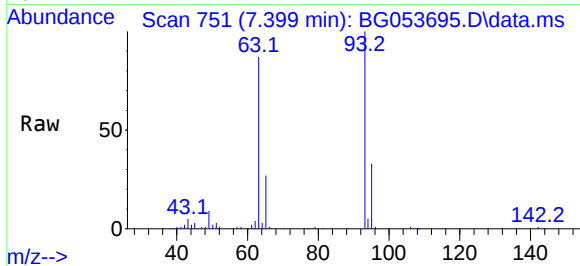
ClientSampleId :

PB145039BS

Tgt Ion: 93 Resp: 7444
Ion Ratio Lower Upper
93 100
63 86.9 63.6 103.6
95 32.7 10.1 50.1

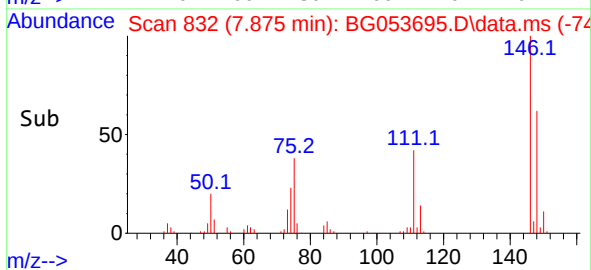
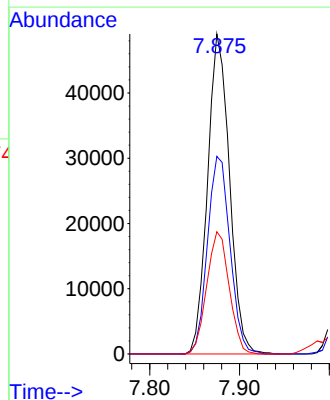
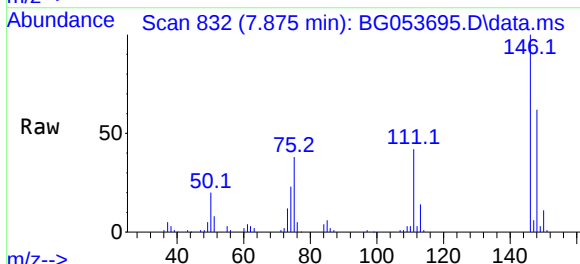
Manual Integrations
APPROVED

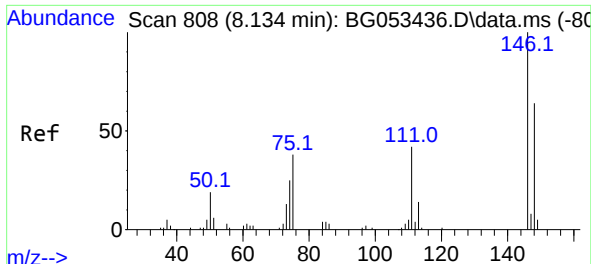
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#12
1,3-Dichlorobenzene
Concen: 41.861 ng
RT: 7.875 min Scan# 832
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:146 Resp: 83134
Ion Ratio Lower Upper
146 100
148 61.8 46.1 69.1
75 38.2 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 41.677 ng
RT: 8.022 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

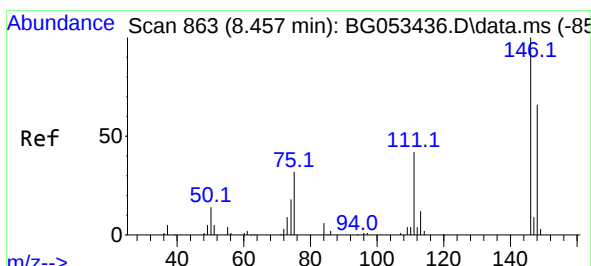
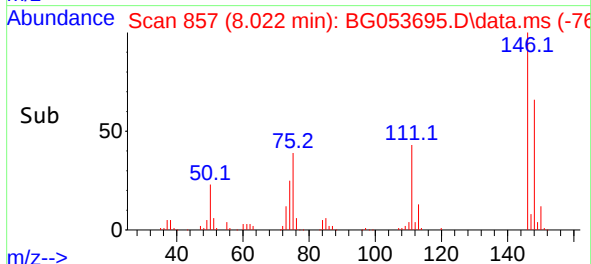
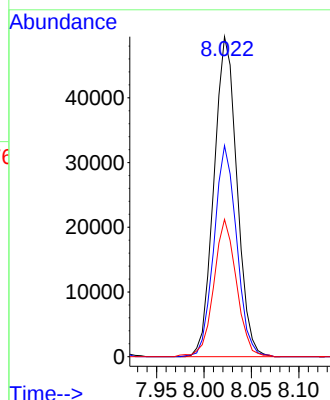
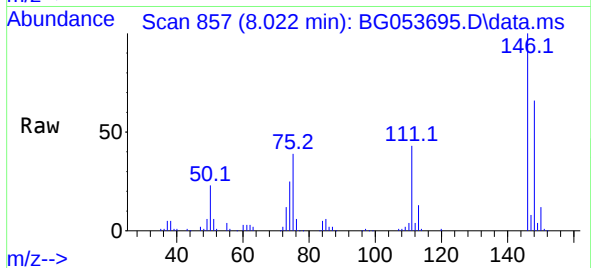
PB145039BS

Tgt Ion:146 Resp: 8352
Ion Ratio Lower Upper
146 100
148 65.9 51.5 77.3
111 42.9 33.9 50.9

Manual Integrations

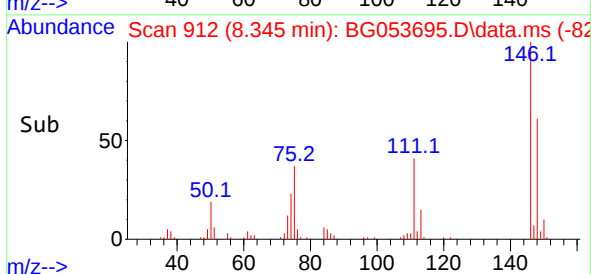
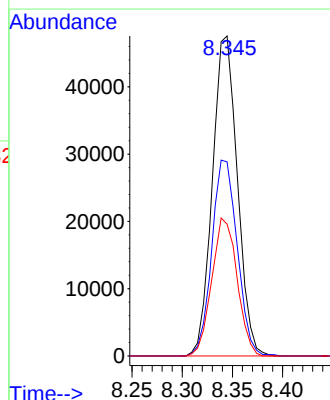
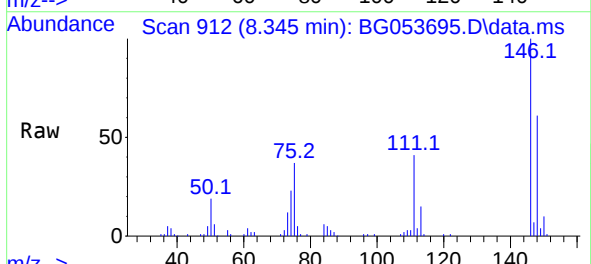
APPROVED

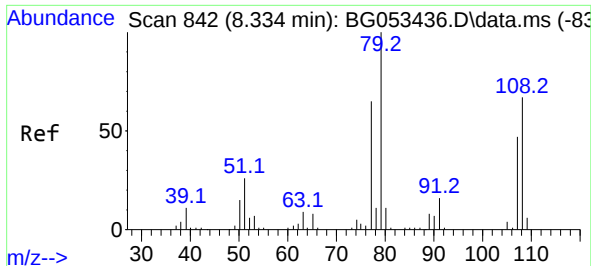
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#14
1,2-Dichlorobenzene
Concen: 43.733 ng
RT: 8.345 min Scan# 912
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:146 Resp: 82300
Ion Ratio Lower Upper
146 100
148 60.6 52.6 78.8
111 41.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 43.236 ng
RT: 8.233 min Scan# 842
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

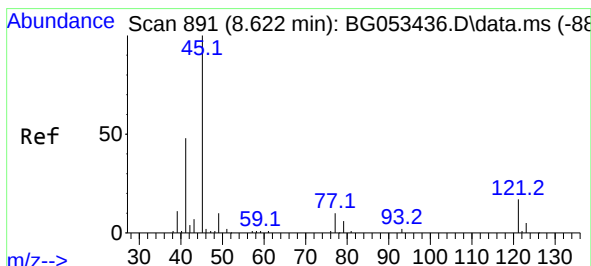
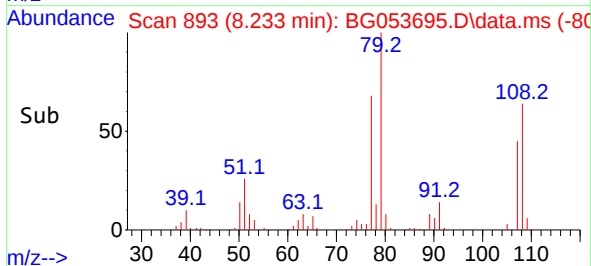
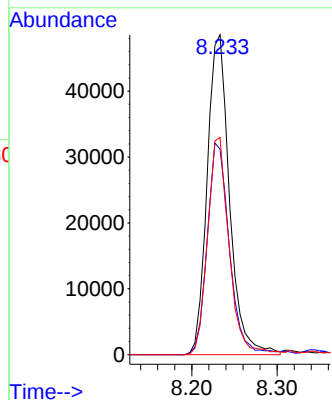
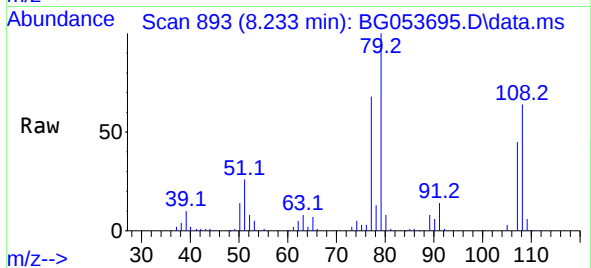
PB145039BS

Tgt Ion: 79 Resp: 88339
Ion Ratio Lower Upper
79 100
108 64.2 53.7 80.5
77 67.9 52.2 78.4

Manual Integrations

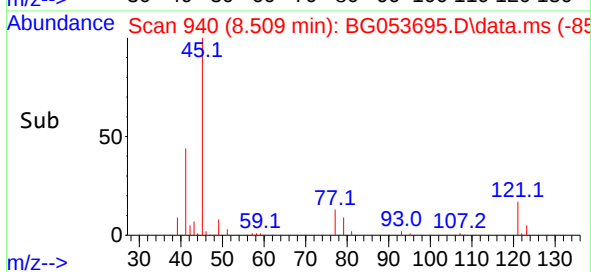
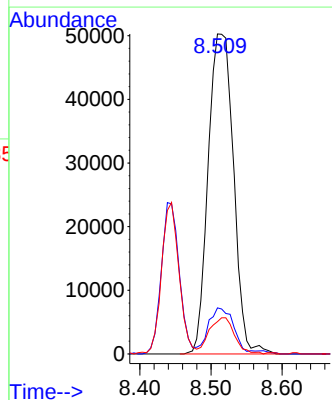
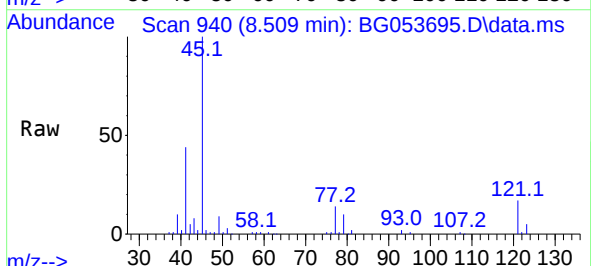
APPROVED

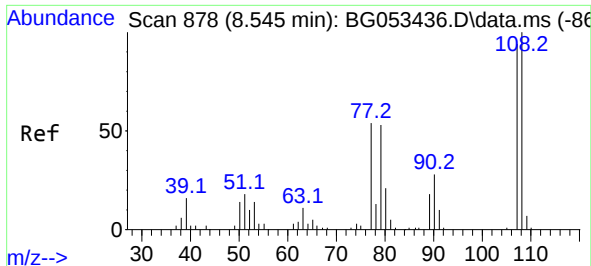
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.880 ng
RT: 8.509 min Scan# 940
Delta R.T. -0.012 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion: 45 Resp: 124408
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.7
79 10.1 0.0 29.7





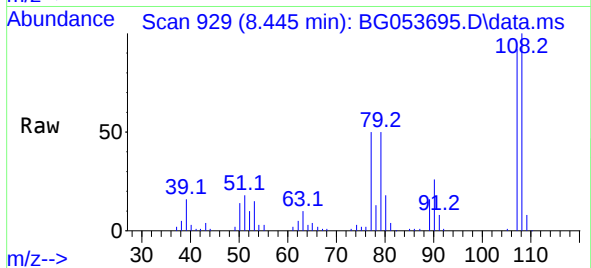
#17
2-Methylphenol
Concen: 44.445 ng
RT: 8.445 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

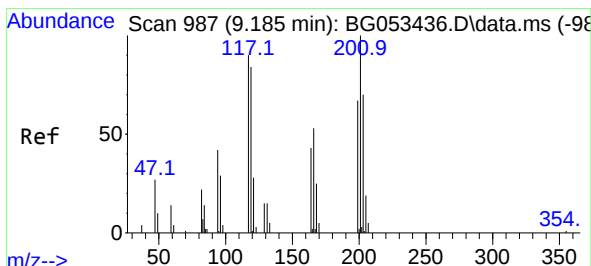
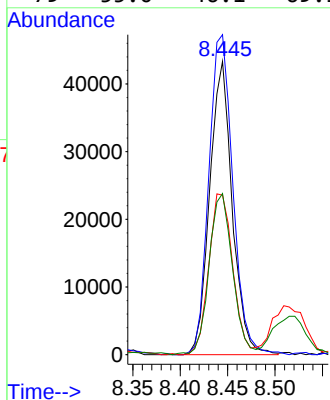
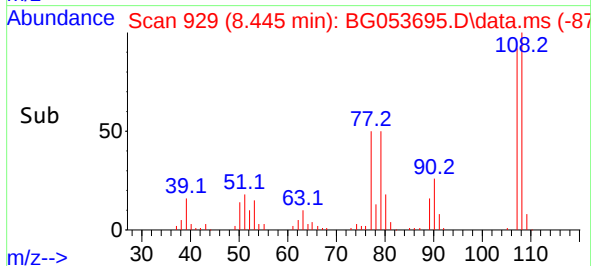


Tgt Ion:107 Resp: 7180
Ion Ratio Lower Upper
107 100
108 109.1 85.4 128.0
77 54.4 46.2 69.2
79 55.0 46.1 69.1

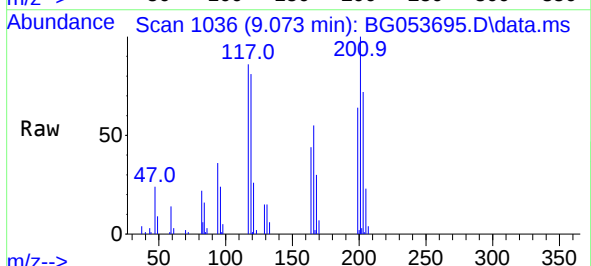
Manual Integrations

APPROVED

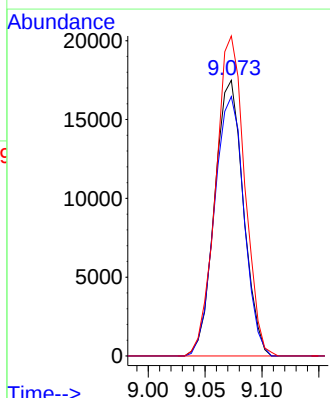
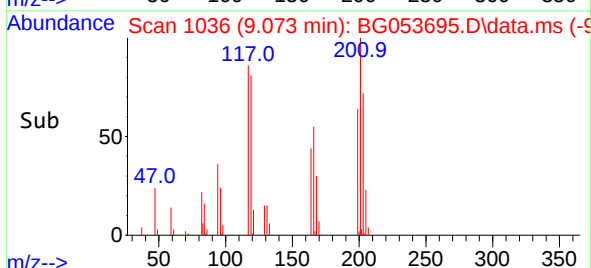
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

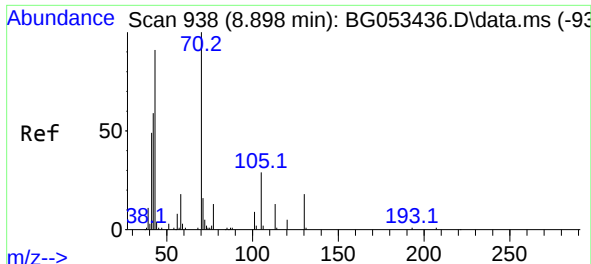


#18
Hexachloroethane
Concen: 40.489 ng
RT: 9.073 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:117 Resp: 30813
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.6
201 116.1 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.100 ng
RT: 8.791 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

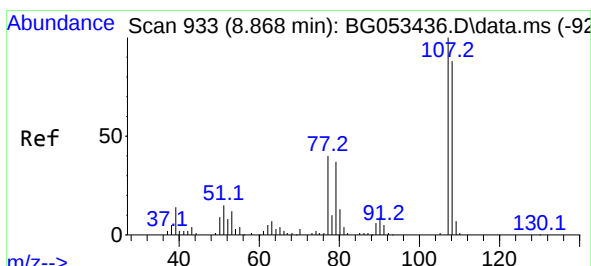
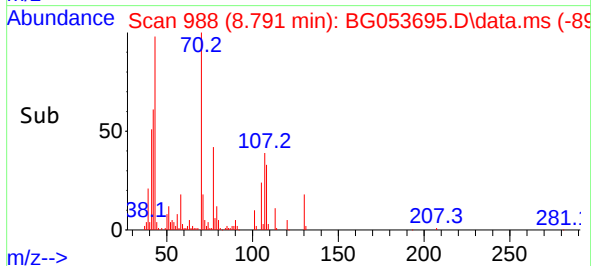
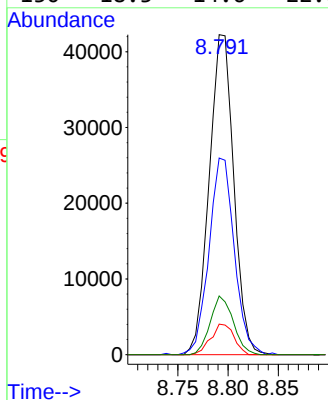
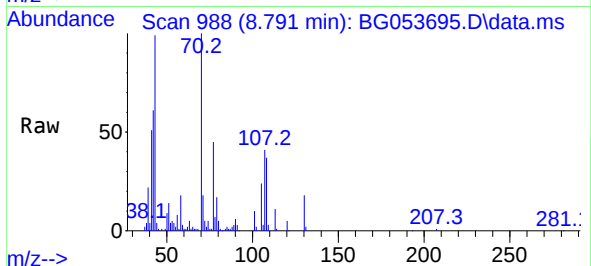
PB145039BS

Tgt Ion: 70 Resp: 7206
Ion Ratio Lower Upper
70 100
42 61.5 47.3 70.9
101 9.5 7.0 10.4
130 18.3 14.6 22.0

Manual Integrations

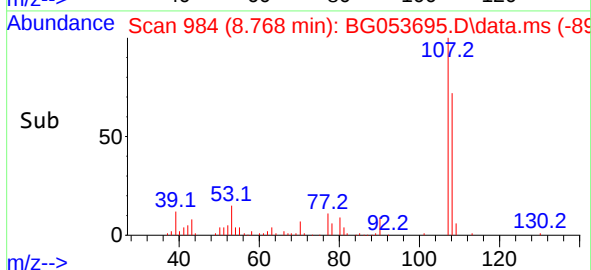
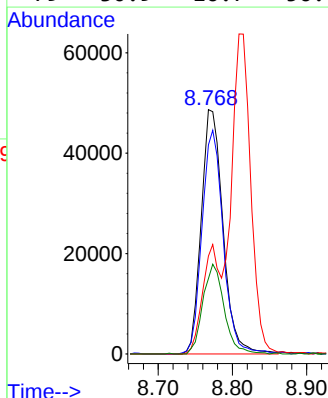
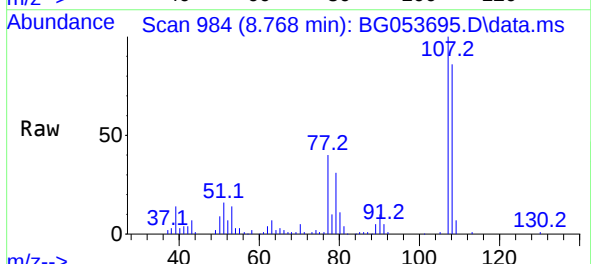
APPROVED

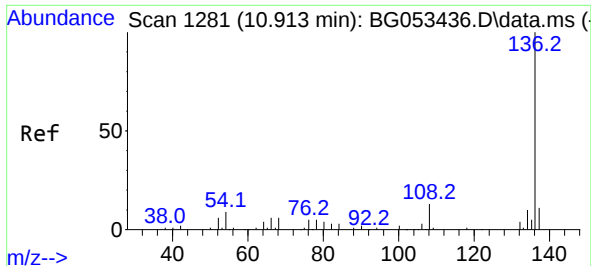
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#20
3+4-Methylphenols
Concen: 43.475 ng
RT: 8.768 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:107 Resp: 99194
Ion Ratio Lower Upper
107 100
108 85.6 67.5 107.5
77 40.1 20.3 60.3
79 30.9 16.7 56.7





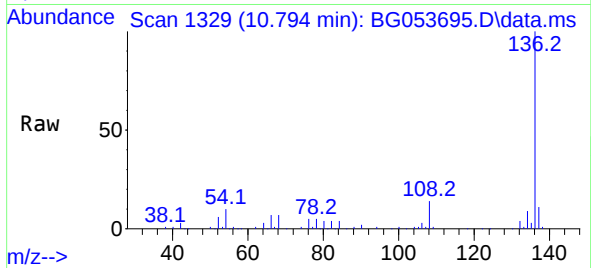
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 11515
Delta R.T. -0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

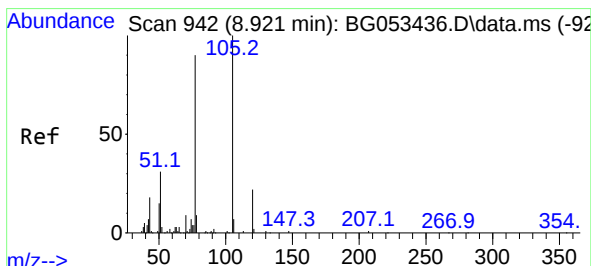
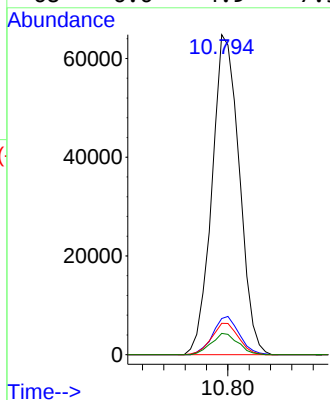
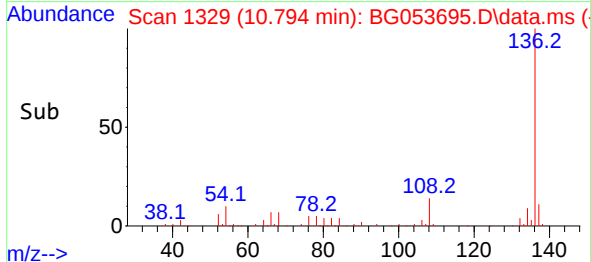


Tgt Ion:136 Resp: 11515
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.8 7.4 11.2
68 6.6 4.9 7.3

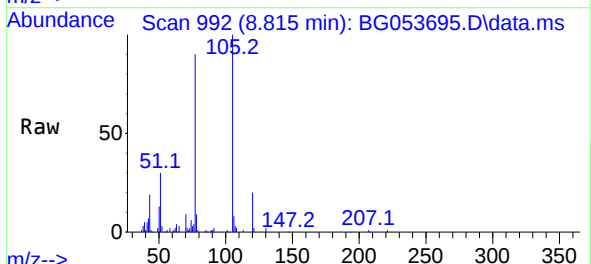
Manual Integrations

APPROVED

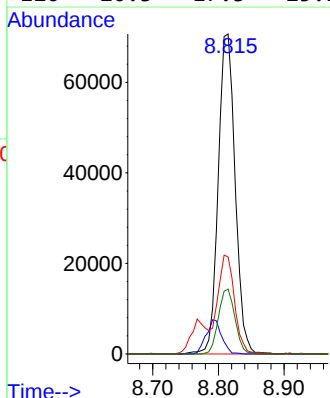
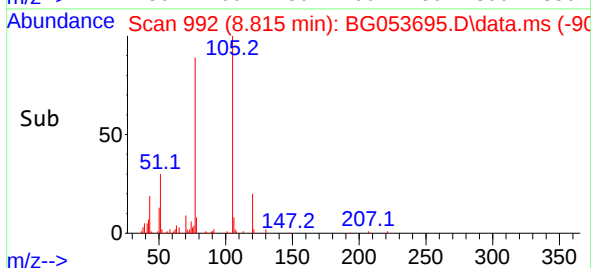
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#22
Acetophenone
Concen: 40.057 ng
RT: 8.815 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:105 Resp: 126242
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 30.3 25.4 38.0
120 20.3 17.3 25.9





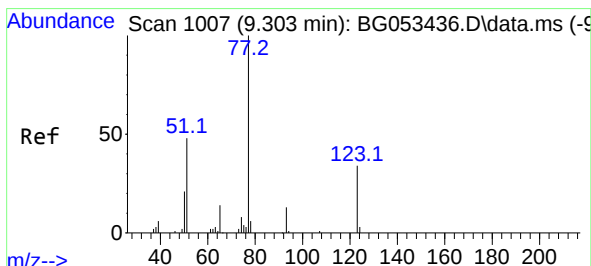
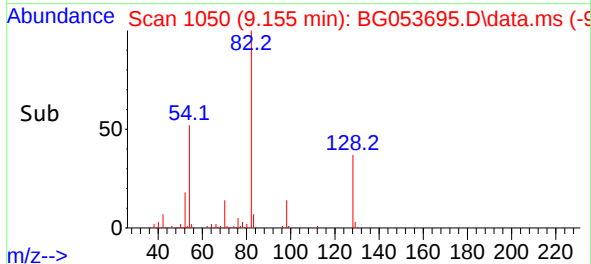
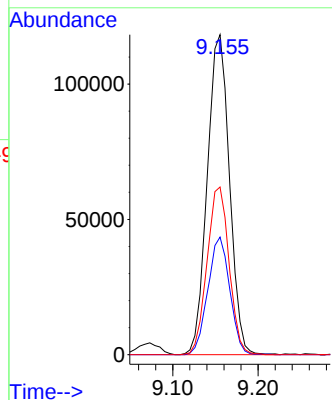
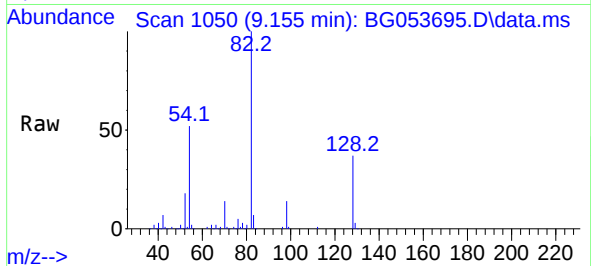
#23
Nitrobenzene-d5
Concen: 79.130 ng
RT: 9.155 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
BNA_G
ClientSampleId :
PB145039BS

Tgt Ion: 82 Resp: 214052
Ion Ratio Lower Upper
82 100
128 36.8 27.9 41.9
54 52.4 41.2 61.8

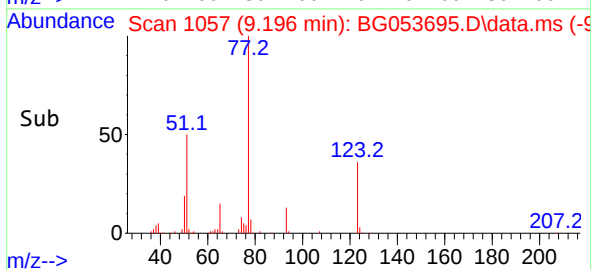
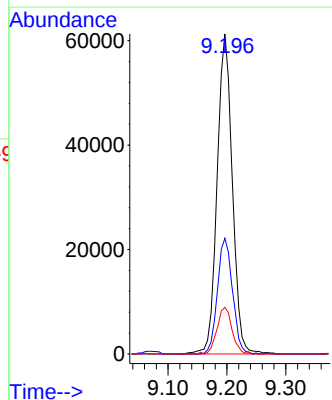
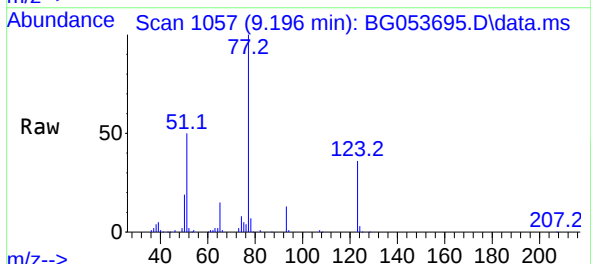
Manual Integrations
APPROVED

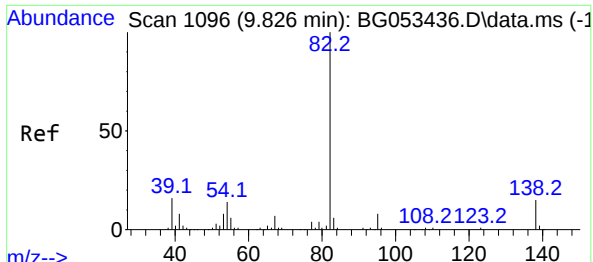
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#24
Nitrobenzene
Concen: 41.976 ng
RT: 9.196 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

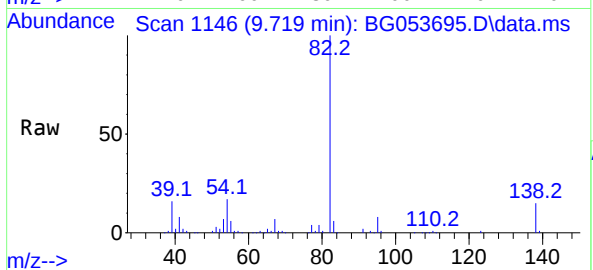
Tgt Ion: 77 Resp: 109901
Ion Ratio Lower Upper
77 100
123 36.2 27.4 41.0
65 14.5 11.4 17.0





#25
Isophorone
Concen: 43.096 ng
RT: 9.719 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

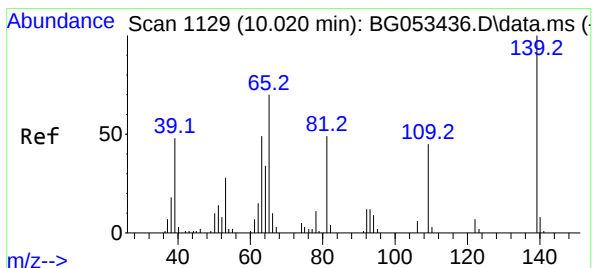
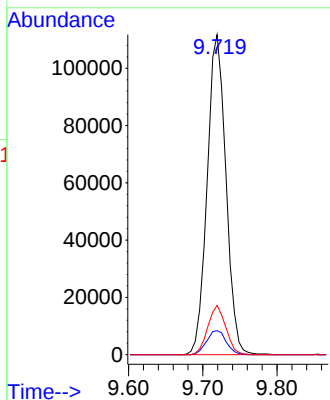
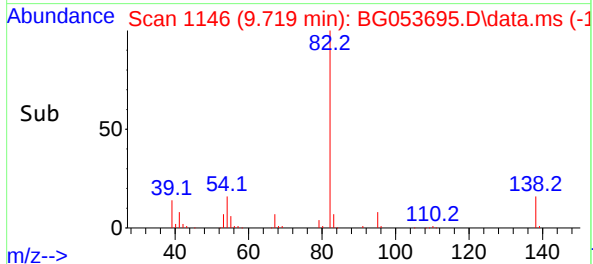
Instrument :
BNA_G
ClientSampleId :
PB145039BS



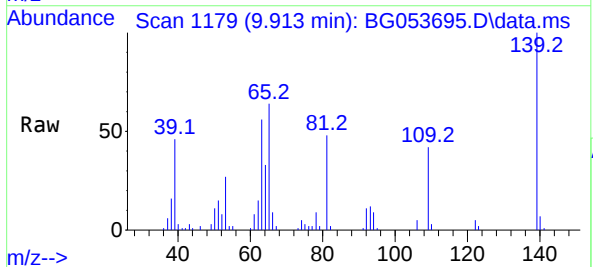
Tgt Ion: 82 Resp: 196194
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 15.4 11.6 17.4

Manual Integrations
APPROVED

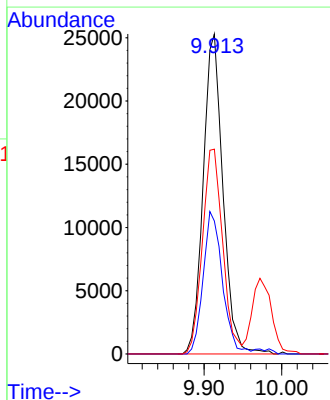
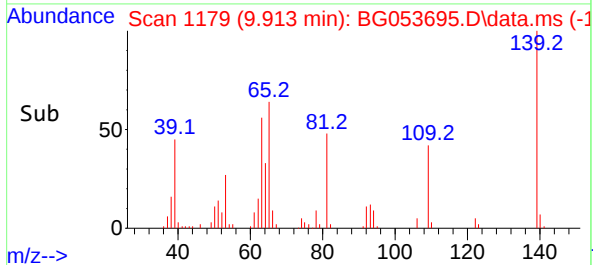
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#26
2-Nitrophenol
Concen: 42.119 ng
RT: 9.913 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:139 Resp: 44663
Ion Ratio Lower Upper
139 100
109 41.6 36.1 54.1
65 64.0 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 48.172 ng
RT: 9.972 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

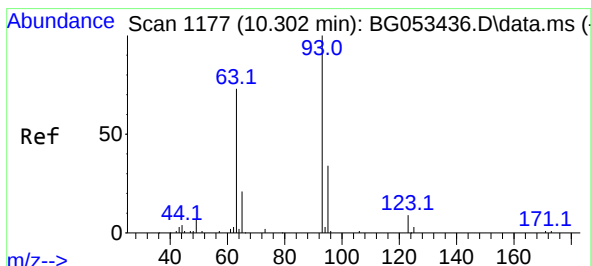
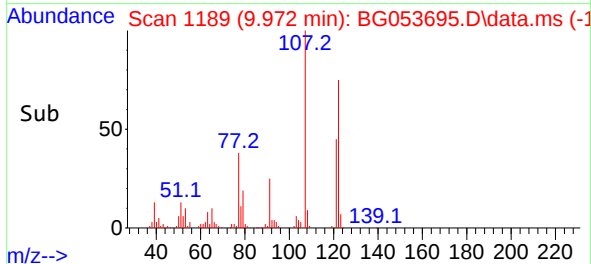
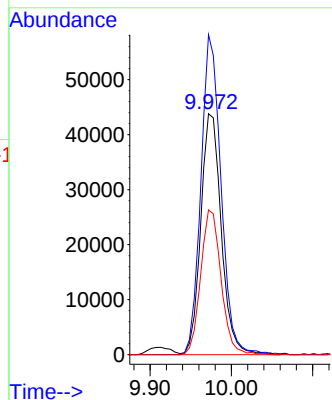
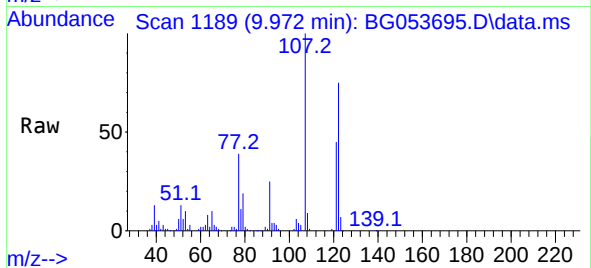
PB145039BS

Tgt Ion:122 Resp: 7687
Ion Ratio Lower Upper
122 100
107 132.8 109.4 164.0
121 60.1 48.7 73.1

Manual Integrations

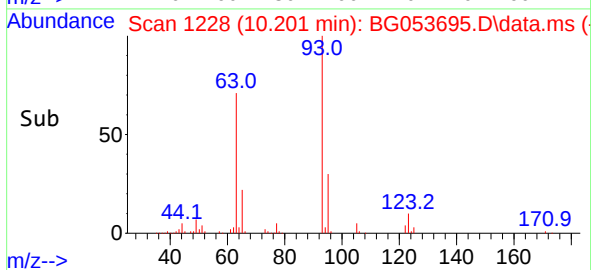
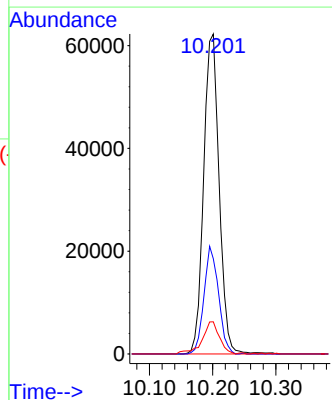
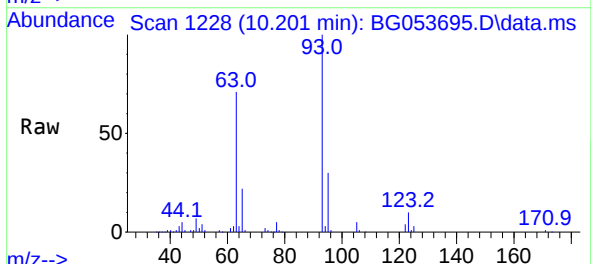
APPROVED

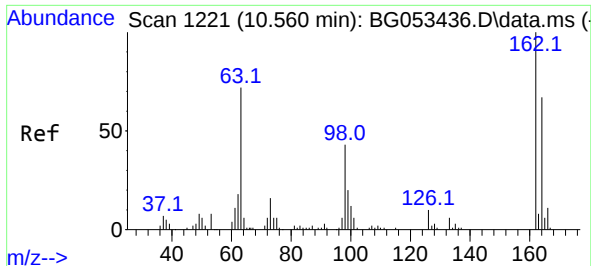
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.536 ng
RT: 10.201 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion: 93 Resp: 106135
Ion Ratio Lower Upper
93 100
95 29.7 26.9 40.3
123 10.0 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 44.151 ng

RT: 10.459 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

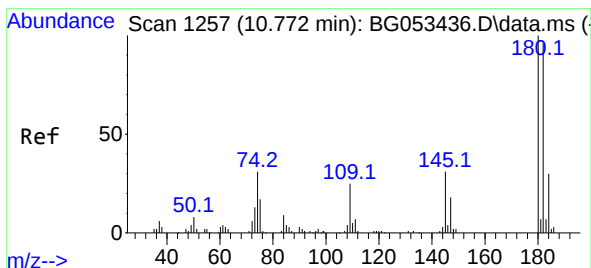
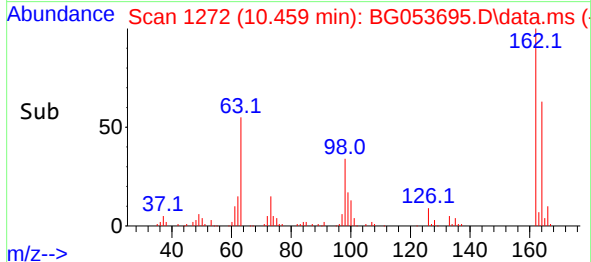
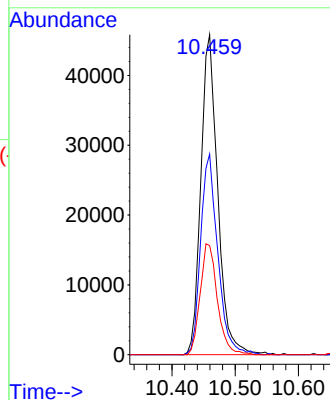
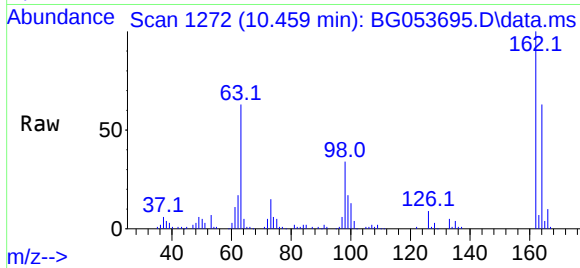
Tgt Ion:162	Resp:	85030
Ion Ratio	Lower	Upper
162	100	
164	62.7	46.6 86.6
98	34.1	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022

Supervised By :Jagrut Upadhyay 05/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.272 ng

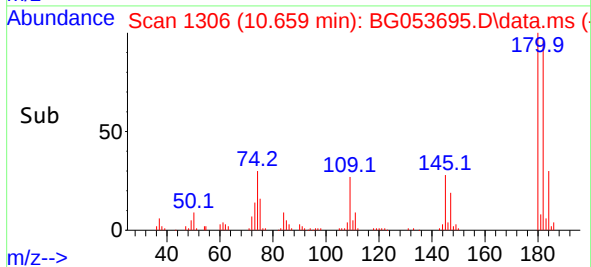
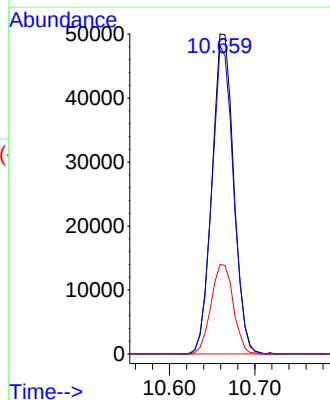
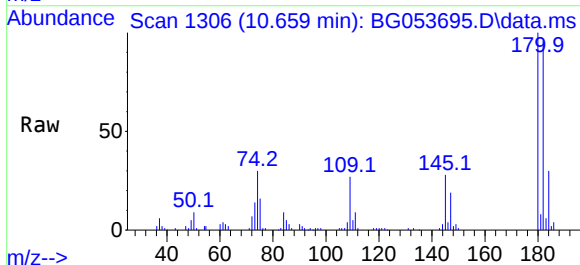
RT: 10.659 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

Tgt Ion:180	Resp:	88128
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.6 115.0
145	27.9	25.0 37.4





#31
Naphthalene
Concen: 41.338 ng
RT: 10.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

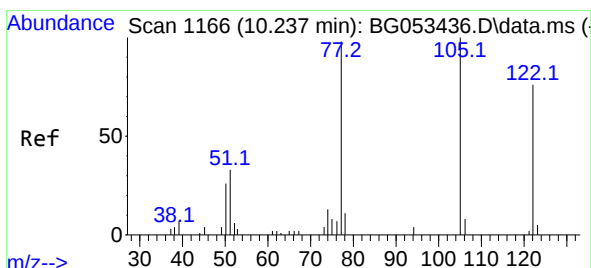
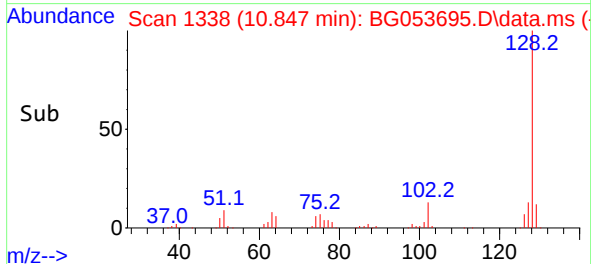
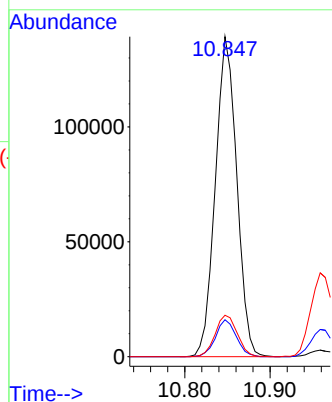
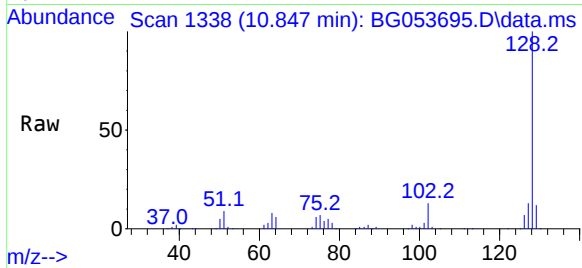
PB145039BS

Tgt Ion:128 Resp: 24213
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.9 11.1 16.7

Manual Integrations

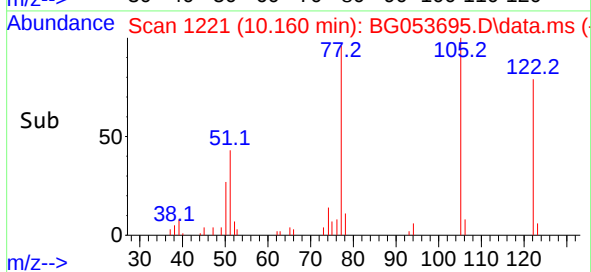
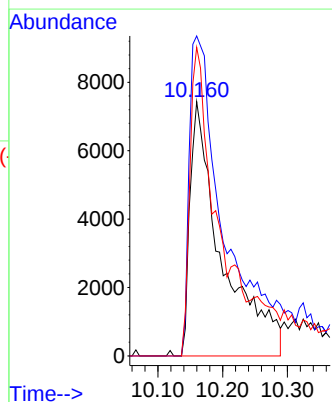
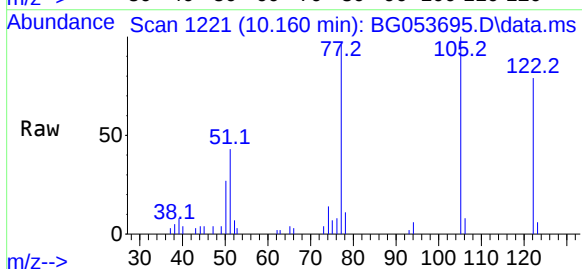
APPROVED

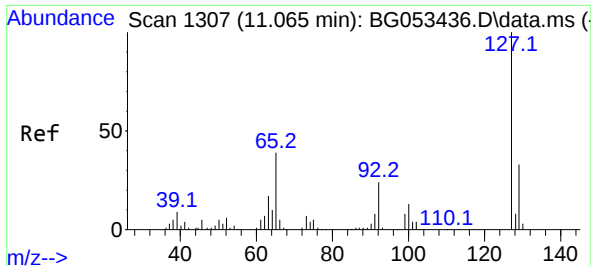
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#32
Benzoic acid
Concen: 29.410 ng m
RT: 10.160 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:122 Resp: 25355
Ion Ratio Lower Upper
122 100
105 125.8 111.8 151.8
77 121.4 109.4 149.4





#33
4-Chloroaniline
Concen: 29.799 ng
RT: 10.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

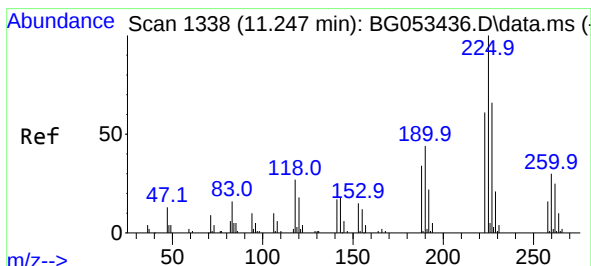
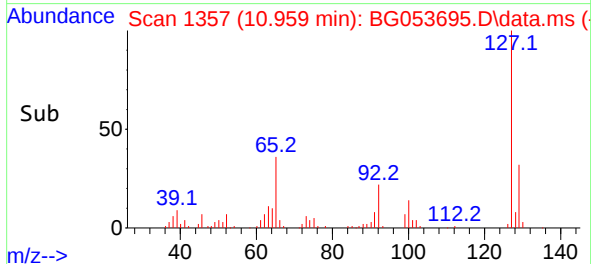
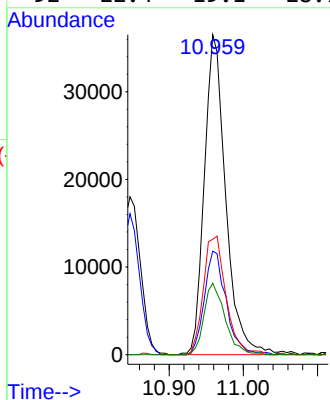
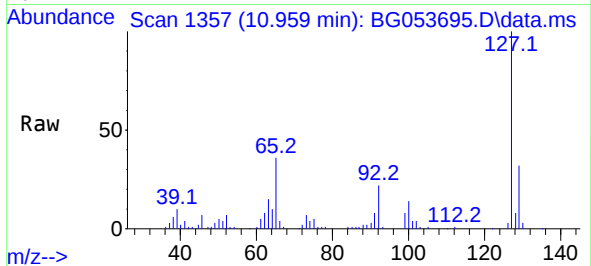
PB145039BS

Tgt Ion:127 Resp: 73098
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 36.1 31.1 46.7
92 22.4 19.1 28.7

Manual Integrations

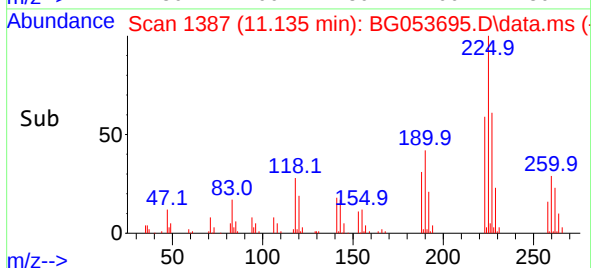
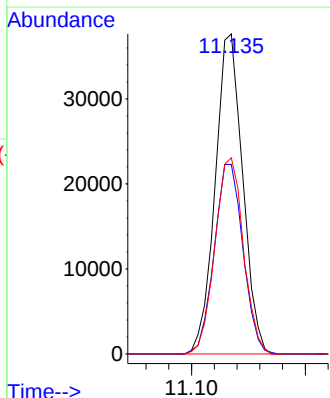
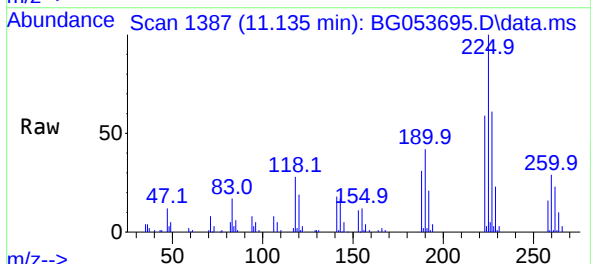
APPROVED

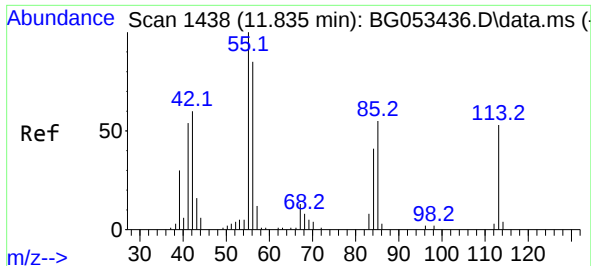
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#34
Hexachlorobutadiene
Concen: 38.926 ng
RT: 11.135 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:225 Resp: 63165
Ion Ratio Lower Upper
225 100
223 59.3 48.9 73.3
227 61.3 52.8 79.2





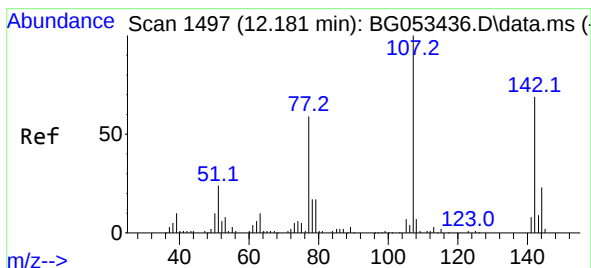
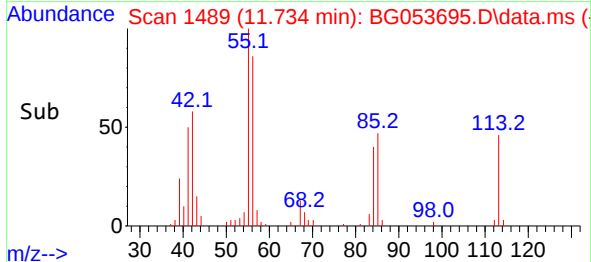
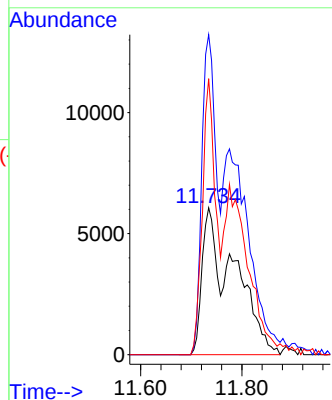
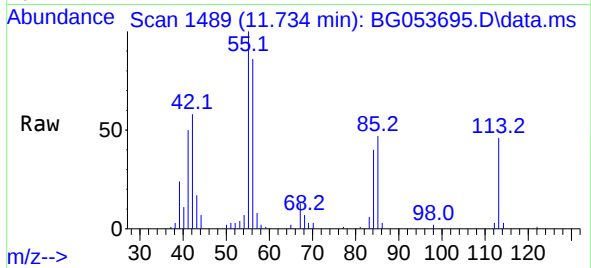
#35
Caprolactam
Concen: 37.909 ng m
RT: 11.734 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
BNA_G
ClientSampleId :
PB145039BS

Tgt Ion:113 Resp: 2653
Ion Ratio Lower Upper
113 100
55 218.0 169.8 209.8
56 188.0 141.2 181.2

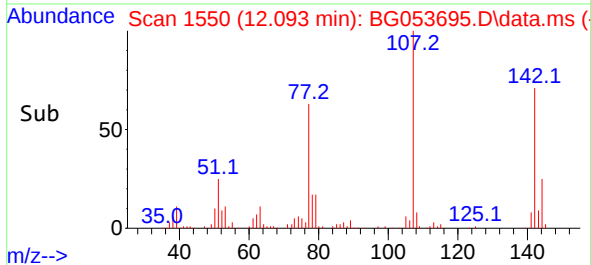
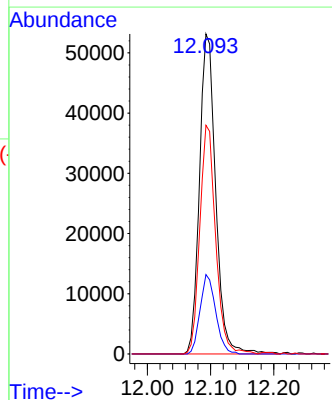
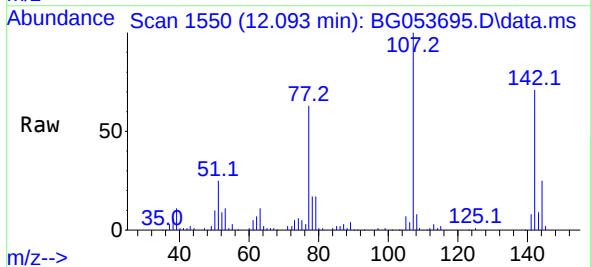
Manual Integrations
APPROVED

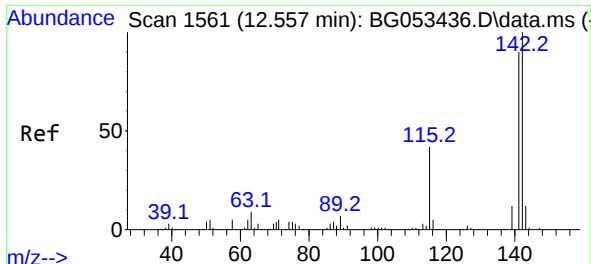
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#36
4-Chloro-3-methylphenol
Concen: 41.130 ng
RT: 12.093 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:107 Resp: 94759
Ion Ratio Lower Upper
107 100
144 24.8 18.5 27.7
142 71.4 55.0 82.4





#37

2-Methylnaphthalene

Concen: 39.920 ng

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

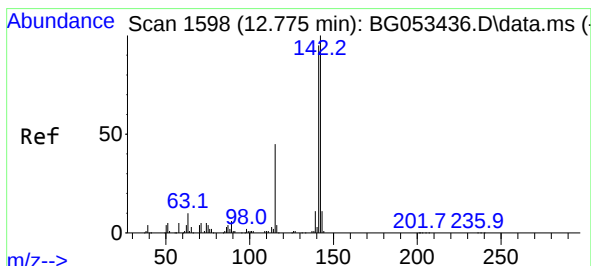
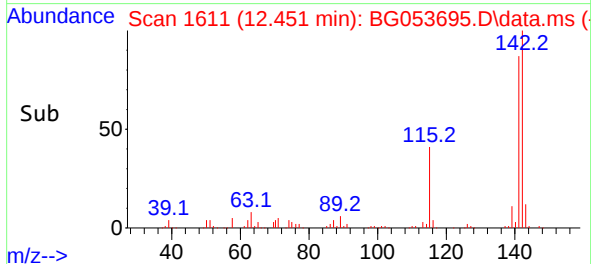
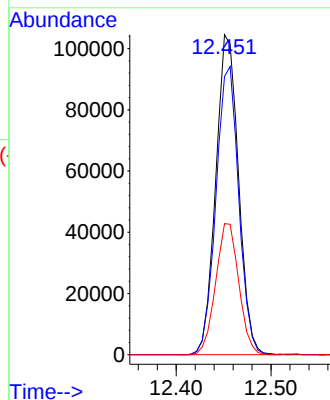
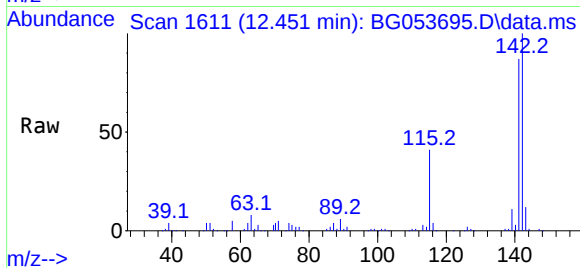
PB145039BS

Tgt Ion:142 Resp: 174502
 Ion Ratio Lower Upper
 142 100
 141 86.9 72.3 108.5
 115 40.9 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#38

1-Methylnaphthalene

Concen: 39.537 ng m

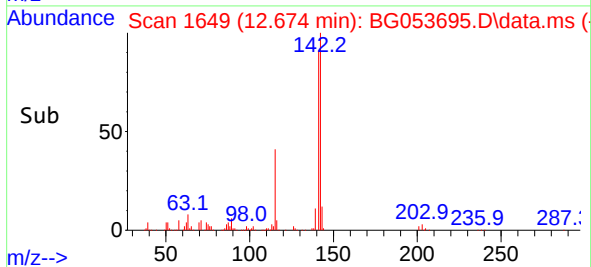
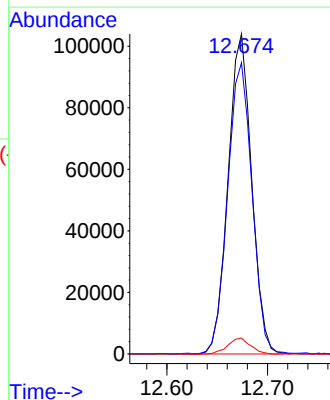
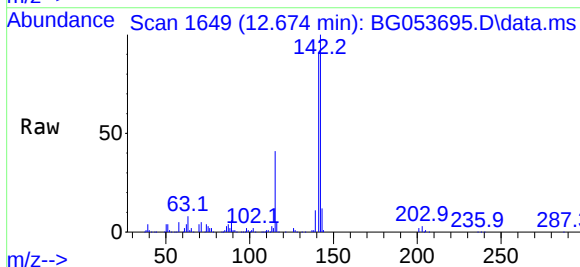
RT: 12.674 min Scan# 1649

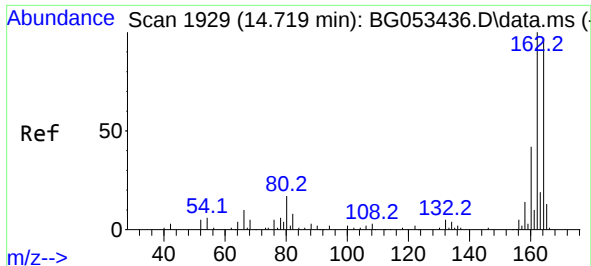
Delta R.T. 0.000 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

Tgt Ion:142 Resp: 168622
 Ion Ratio Lower Upper
 142 100
 141 91.0 76.4 114.6
 116 4.9 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.624 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BG053695.D

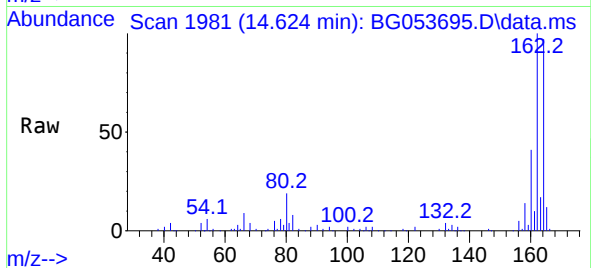
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS



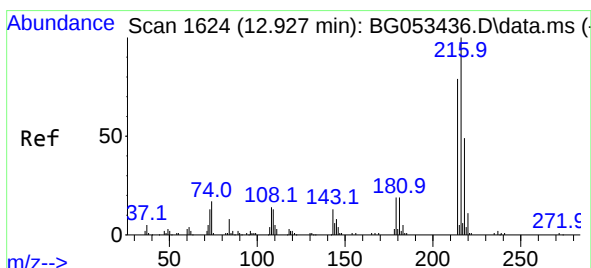
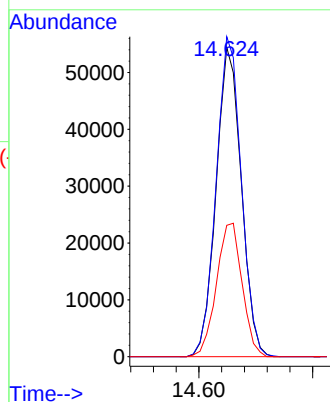
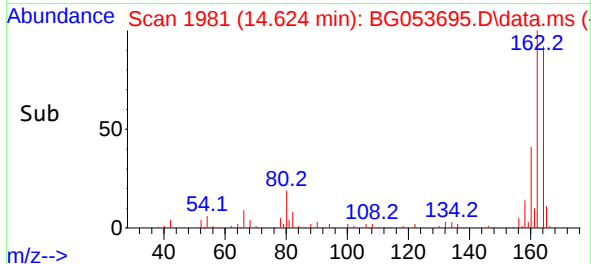
Tgt Ion:164 Resp: 8382

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.3	123.5
160	42.5	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#40

1,2,4,5-Tetrachlorobenzene

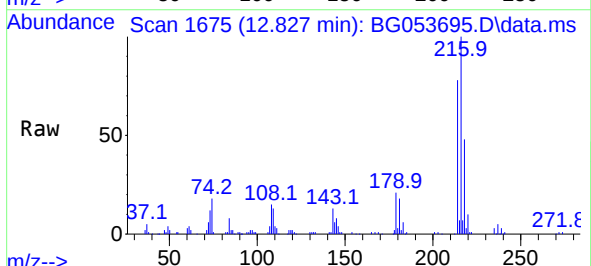
Concen: 41.567 ng

RT: 12.827 min Scan# 1675

Delta R.T. 0.000 min

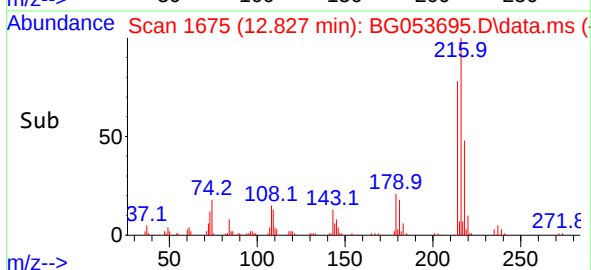
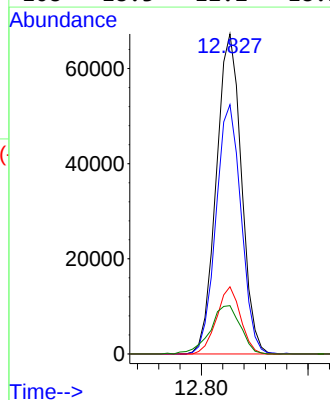
Lab File: BG053695.D

Acq: 25 May 2022 15:50



Tgt Ion:216 Resp: 109835

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.9	94.3
179	20.0	16.1	24.1
108	18.3	12.2	18.2





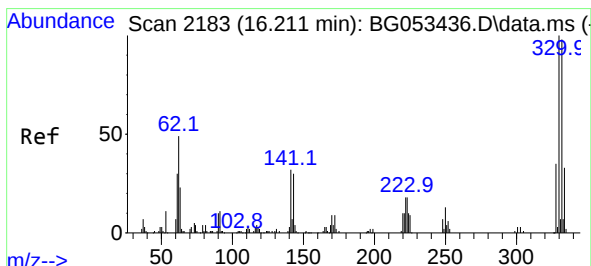
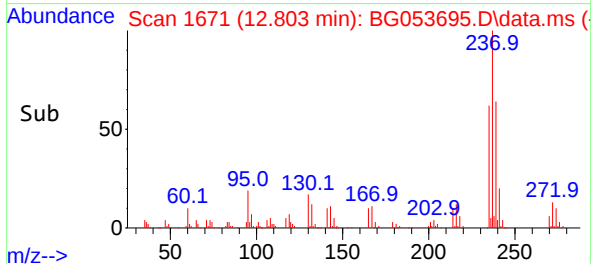
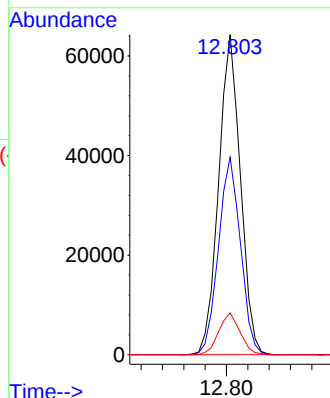
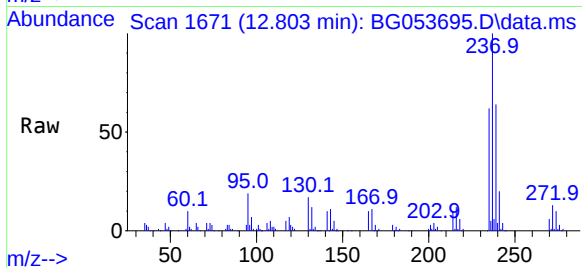
#41
Hexachlorocyclopentadiene
Concen: 84.000 ng
RT: 12.803 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
BNA_G
ClientSampleId :
PB145039BS

Tgt Ion:237 Resp: 9094
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 13.1 0.0 30.1

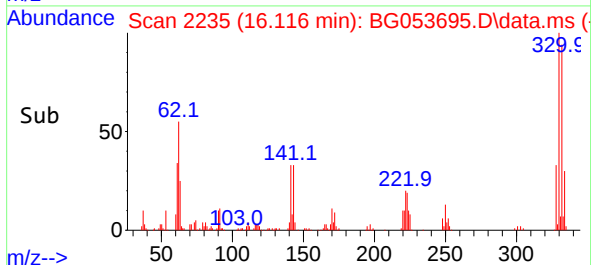
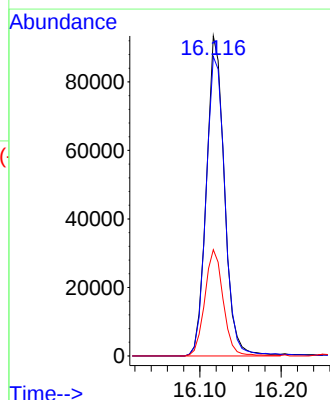
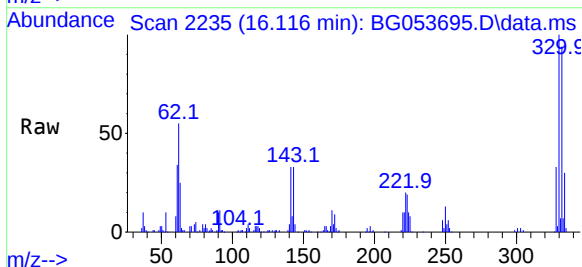
Manual Integrations
APPROVED

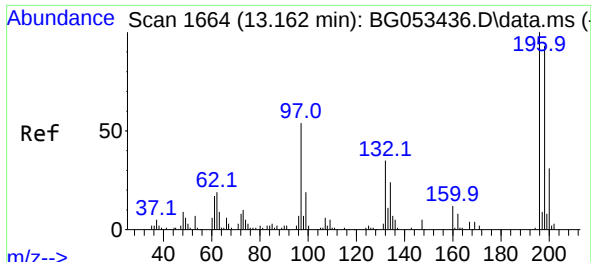
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#42
2,4,6-Tribromophenol
Concen: 116.147 ng
RT: 16.116 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:330 Resp: 143599
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 33.9 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 40.417 ng
RT: 13.068 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

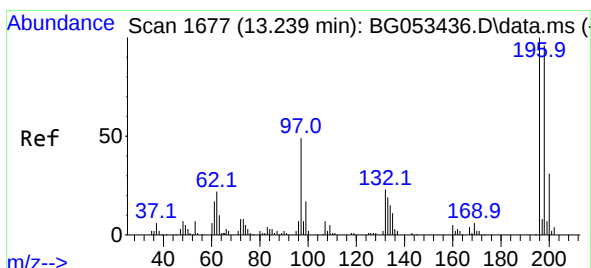
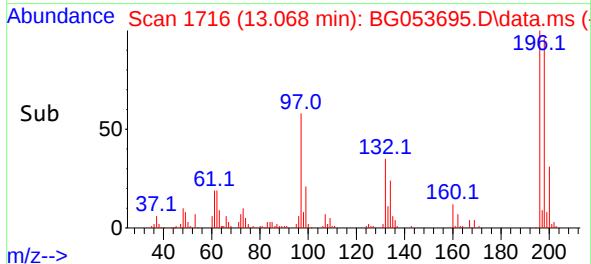
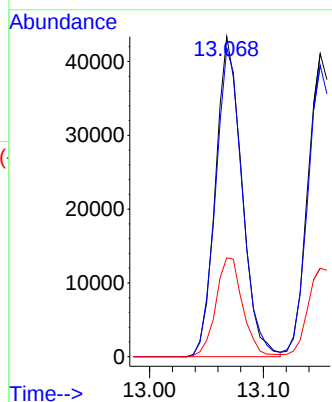
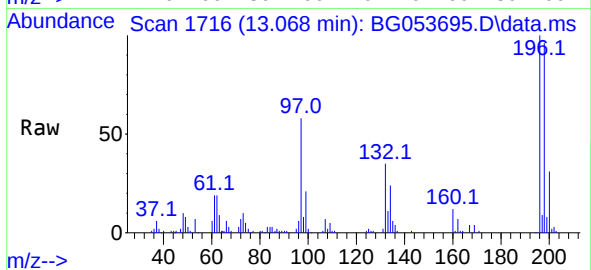
PB145039BS

Tgt Ion:196 Resp: 6971
Ion Ratio Lower Upper
196 100
198 96.4 74.1 111.1
200 30.9 24.7 37.1

Manual Integrations

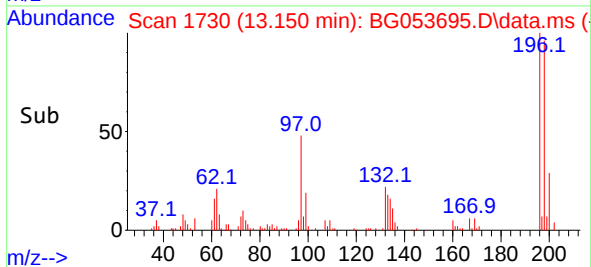
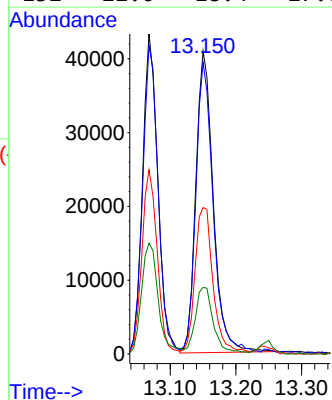
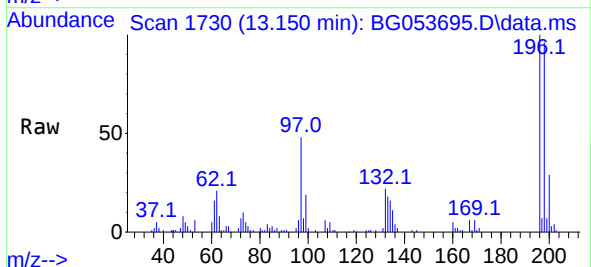
APPROVED

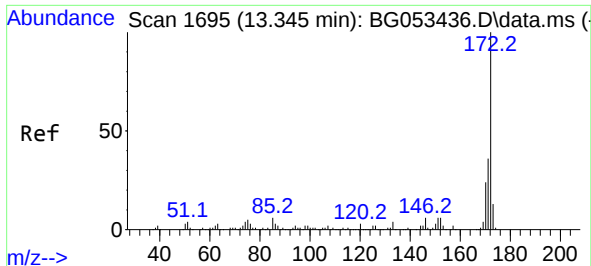
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#44
2,4,5-Trichlorophenol
Concen: 41.182 ng
RT: 13.150 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:196 Resp: 75597
Ion Ratio Lower Upper
196 100
198 96.2 76.8 115.2
97 48.3 39.8 59.6
132 22.0 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 81.797 ng
RT: 13.250 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

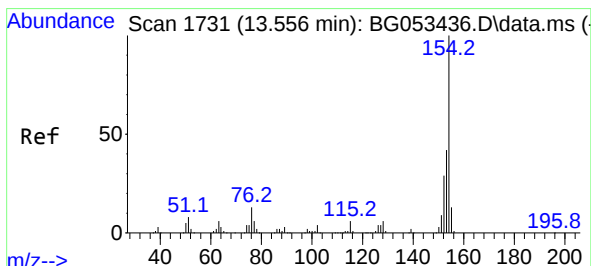
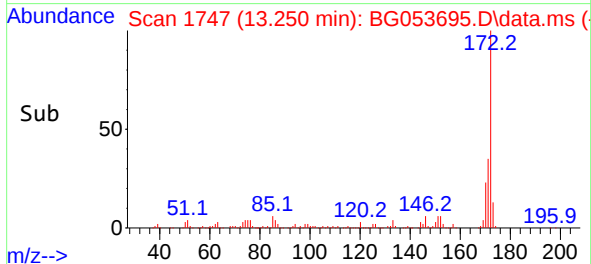
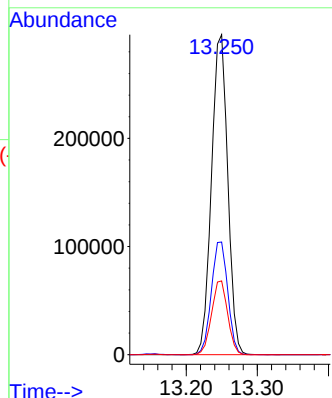
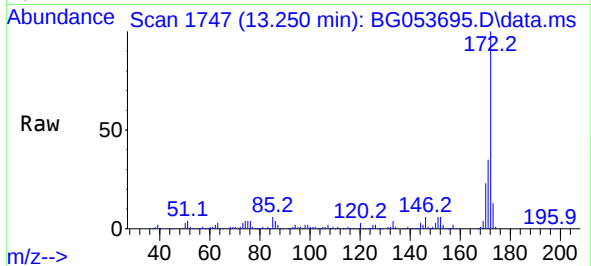
ClientSampleId :

PB145039BS

Tgt Ion:172 Resp: 46923
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.1 18.9 28.3

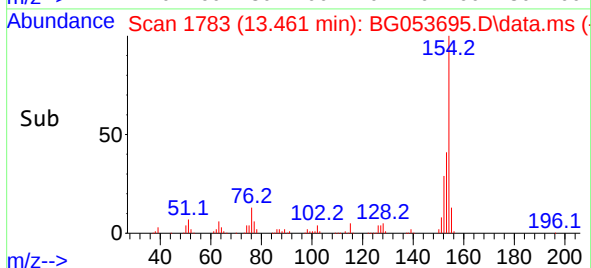
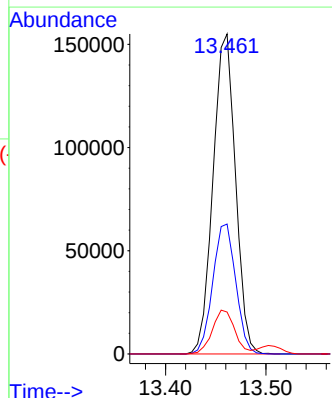
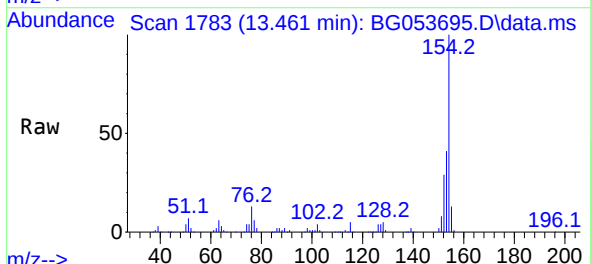
Manual Integrations
APPROVED

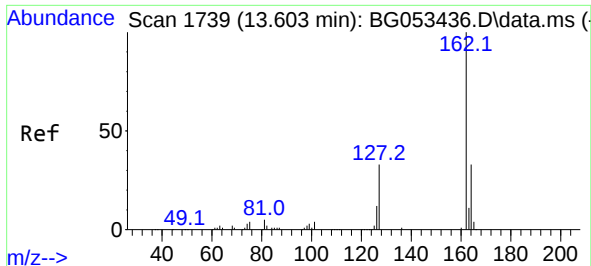
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#46
1,1'-Biphenyl
Concen: 42.068 ng
RT: 13.461 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:154 Resp: 240374
Ion Ratio Lower Upper
154 100
153 40.6 21.6 61.6
76 13.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 41.849 ng
RT: 13.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

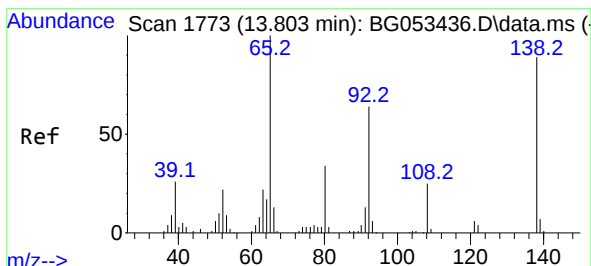
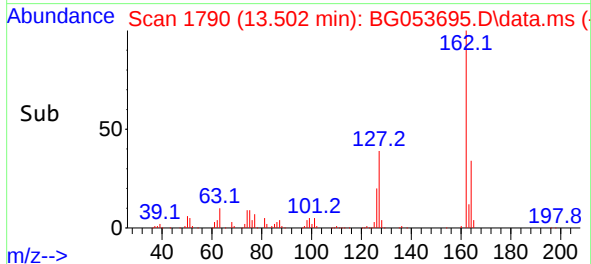
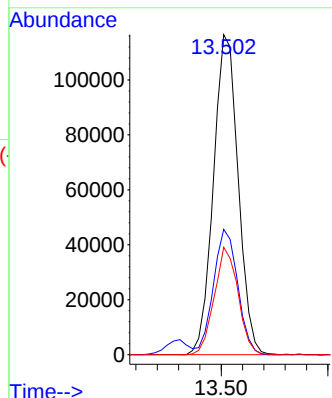
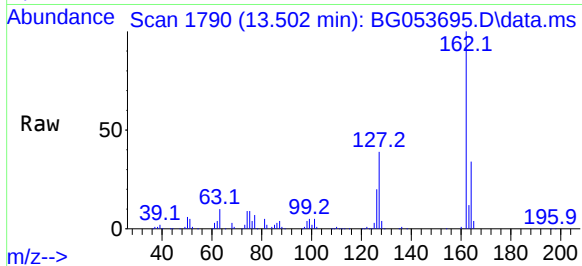
PB145039BS

Tgt Ion:162 Resp: 18734
Ion Ratio Lower Upper
162 100
127 39.2 30.6 45.8
164 33.5 26.5 39.7

Manual Integrations

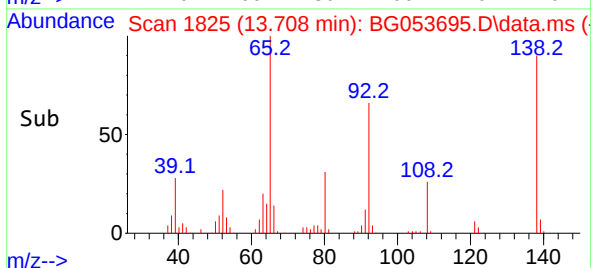
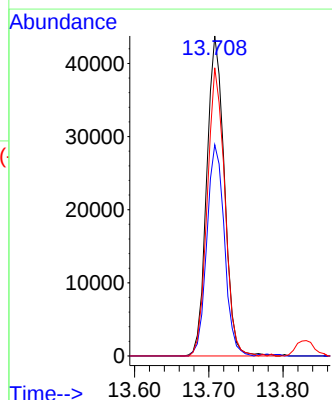
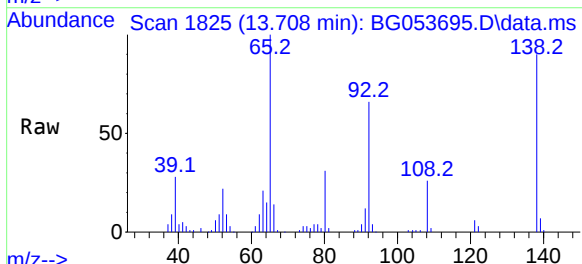
APPROVED

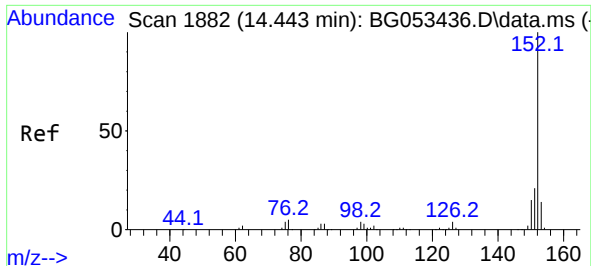
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#48
2-Nitroaniline
Concen: 43.306 ng
RT: 13.708 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion: 65 Resp: 72240
Ion Ratio Lower Upper
65 100
92 66.0 51.5 77.3
138 90.1 71.3 106.9





#49
Acenaphthylene
Concen: 43.782 ng
RT: 14.348 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

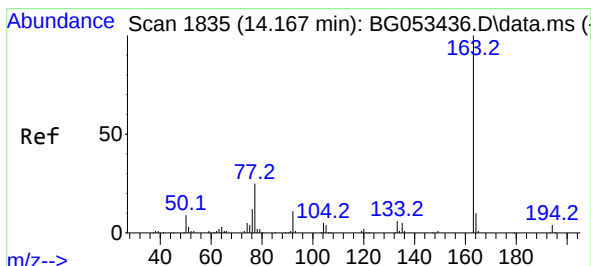
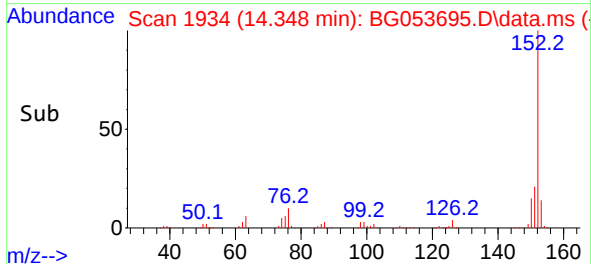
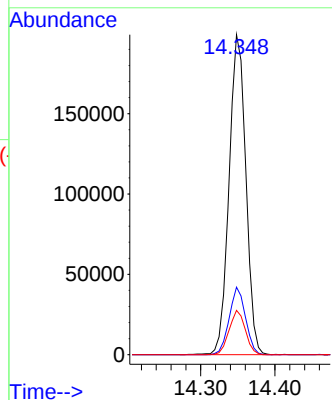
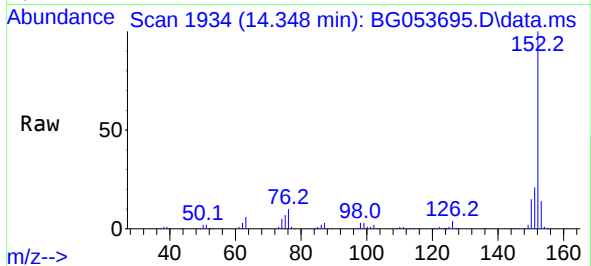
PB145039BS

Tgt Ion:152 Resp: 312770
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.8 10.8 16.2

Manual Integrations

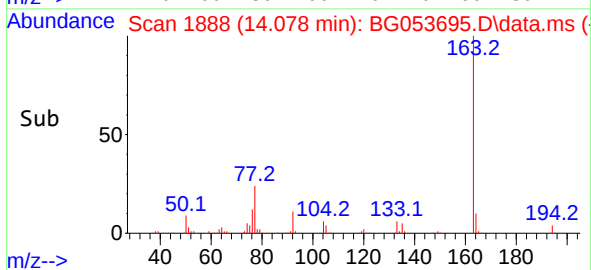
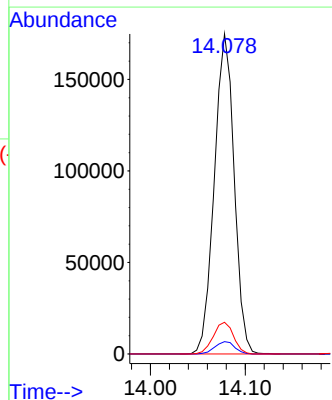
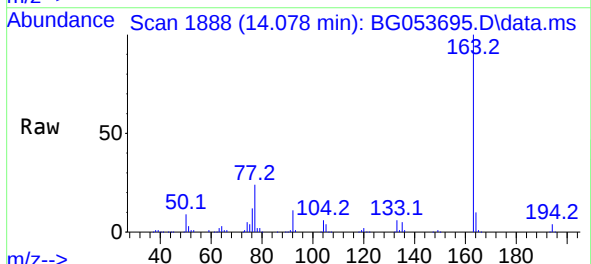
APPROVED

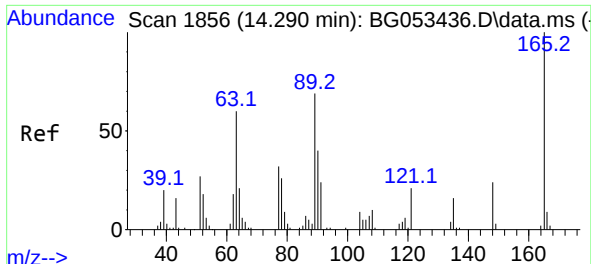
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#50
Dimethylphthalate
Concen: 39.879 ng
RT: 14.078 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:163 Resp: 254030
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.527 ng
RT: 14.201 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

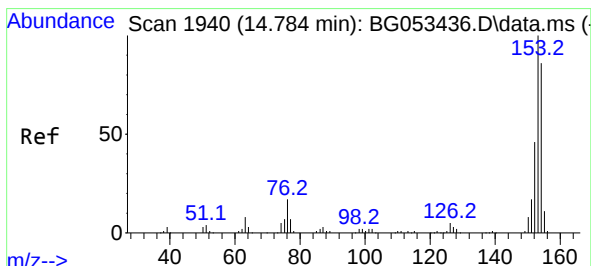
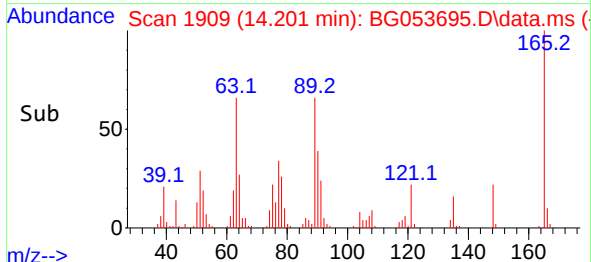
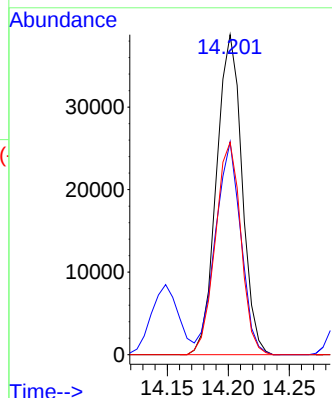
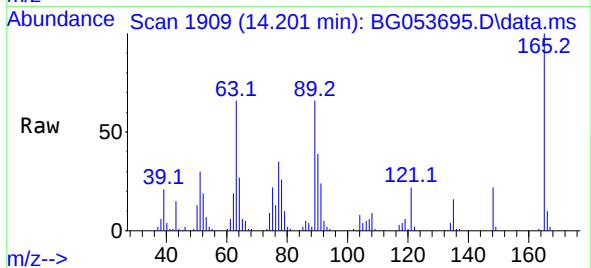
PB145039BS

Tgt Ion:165 Resp: 56489
Ion Ratio Lower Upper
165 100
63 66.5 54.1 81.1
89 66.3 54.8 82.2

Manual Integrations

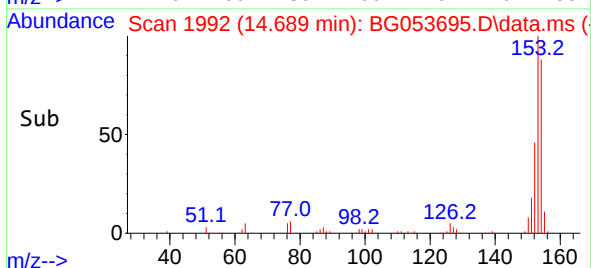
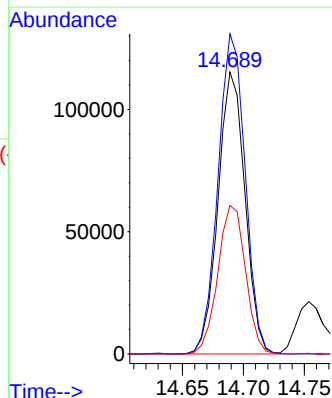
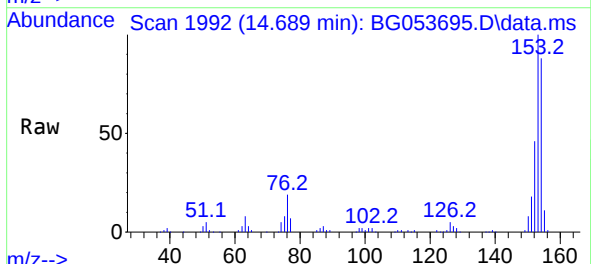
APPROVED

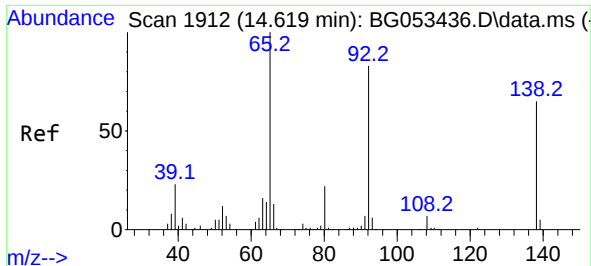
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#52
Acenaphthene
Concen: 41.700 ng
RT: 14.689 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:154 Resp: 177531
Ion Ratio Lower Upper
154 100
153 113.5 92.7 139.1
152 52.7 42.6 64.0





#53
3-Nitroaniline
Concen: 33.048 ng
RT: 14.536 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

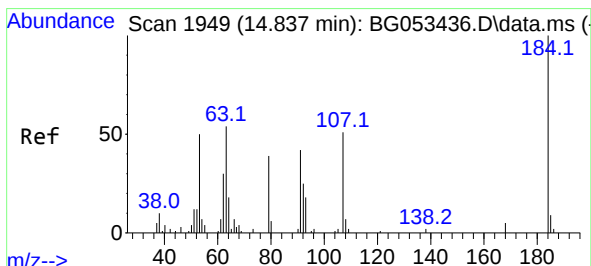
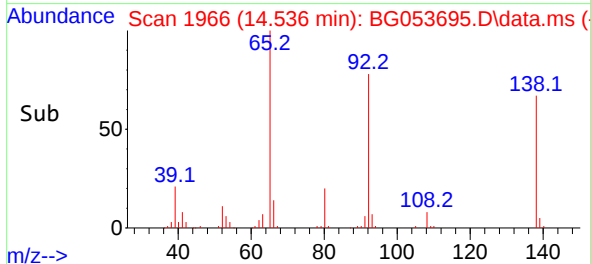
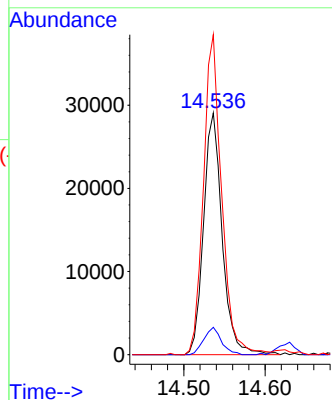
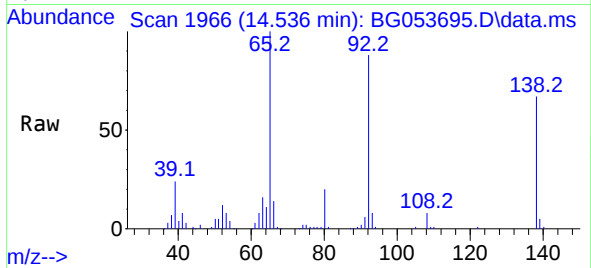
PB145039BS

Tgt Ion:138 Resp: 4634
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 132.3 101.9 152.9

Manual Integrations

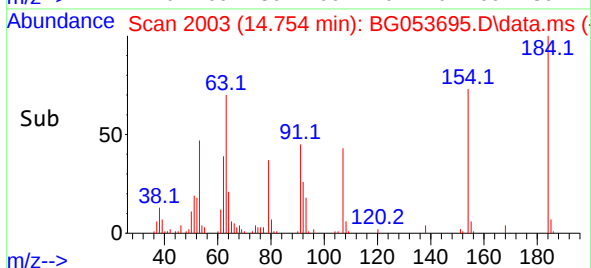
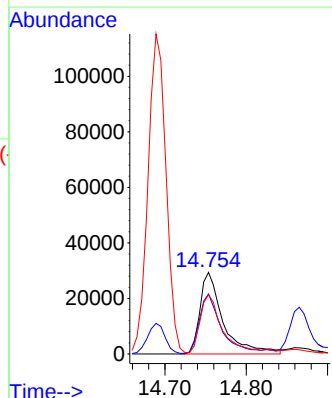
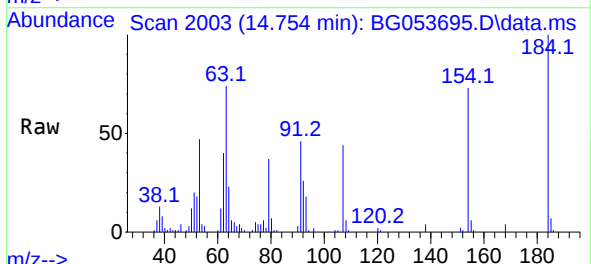
APPROVED

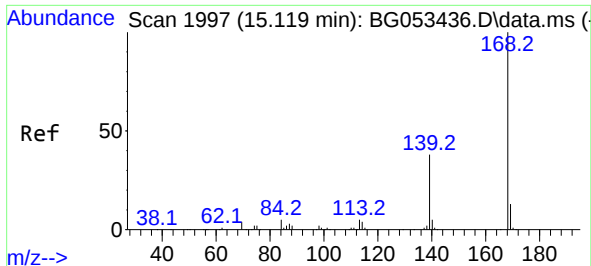
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#54
2,4-Dinitrophenol
Concen: 71.430 ng
RT: 14.754 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

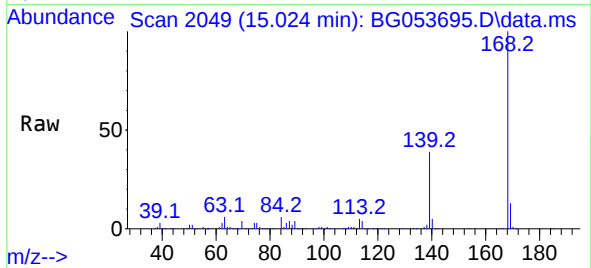
Tgt Ion:184 Resp: 58246
Ion Ratio Lower Upper
184 100
63 73.6 61.1 91.7
154 72.7 60.6 91.0





#55
Dibenzenofuran
Concen: 39.315 ng
RT: 15.024 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

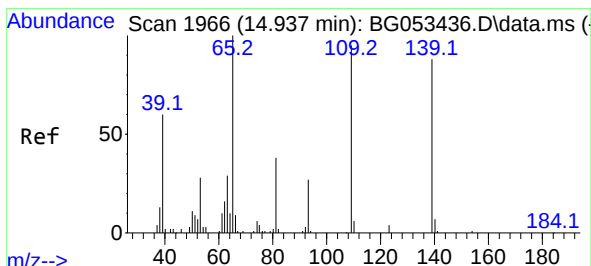
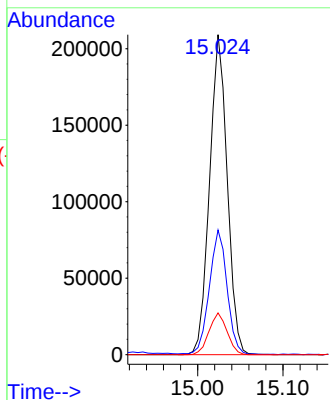
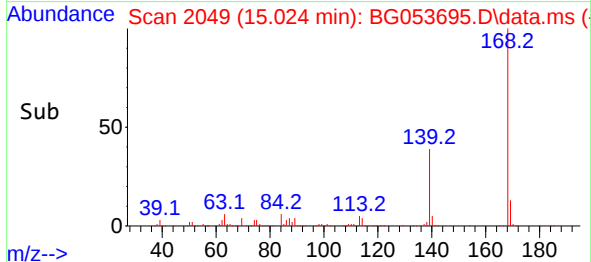
Instrument :
BNA_G
ClientSampleId :
PB145039BS



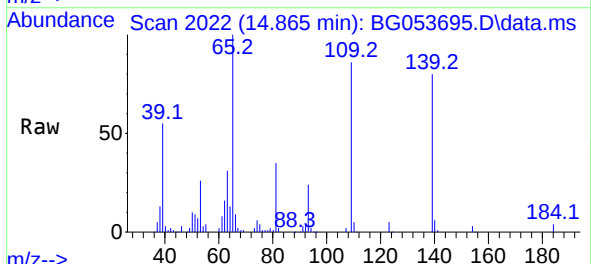
Tgt Ion:168 Resp: 300639
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.0 10.3 15.5

Manual Integrations
APPROVED

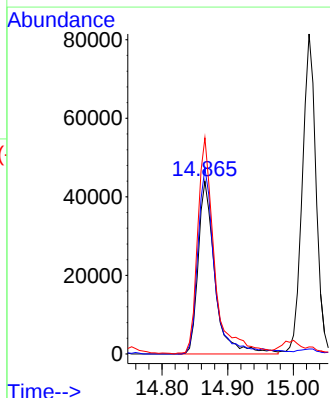
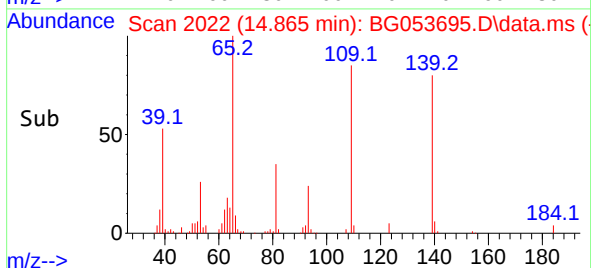
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

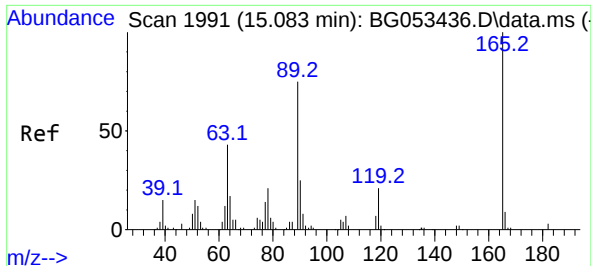


#56
4-Nitrophenol
Concen: 77.977 ng
RT: 14.865 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:139 Resp: 78098
Ion Ratio Lower Upper
139 100
109 107.5 88.5 128.5
65 125.2 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 41.137 ng
RT: 14.994 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

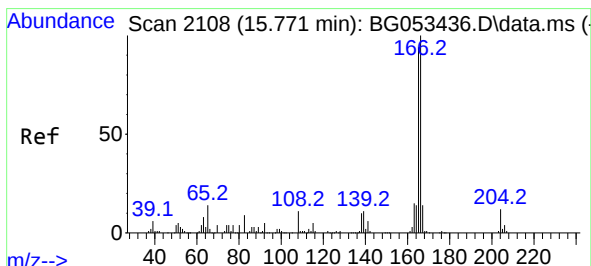
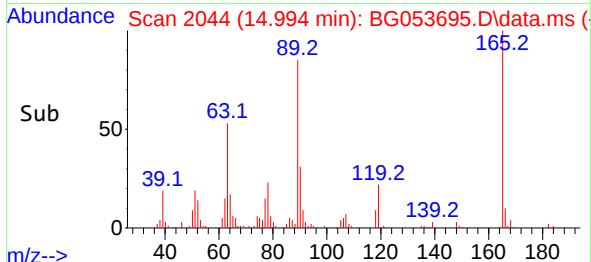
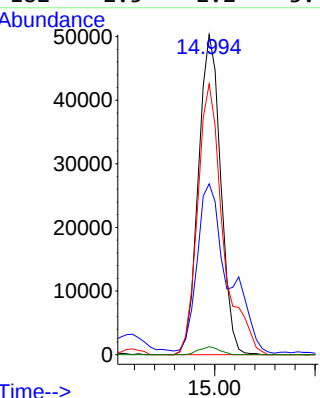
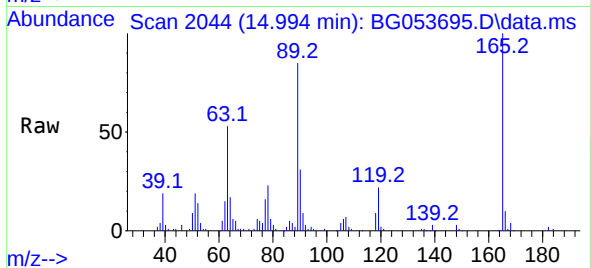
PB145039BS

Tgt Ion:165 Resp: 77384
Ion Ratio Lower Upper
165 100
63 53.4 34.6 52.0
89 84.6 60.3 90.5
182 2.5 2.2 3.4

Manual Integrations

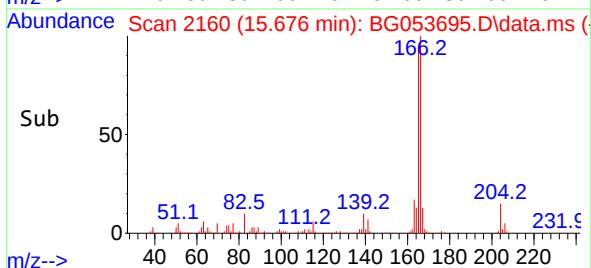
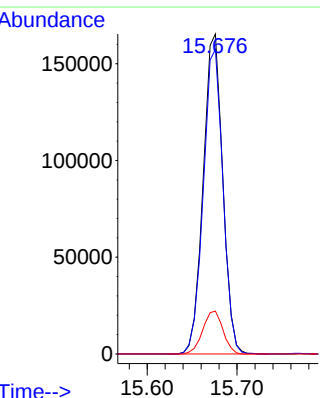
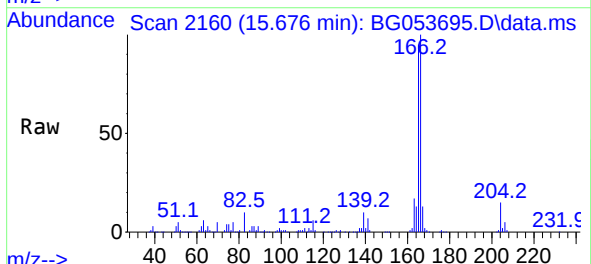
APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#58
Fluorene
Concen: 40.639 ng
RT: 15.676 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:166 Resp: 249385
Ion Ratio Lower Upper
166 100
165 95.2 75.0 112.6
167 13.4 10.8 16.2





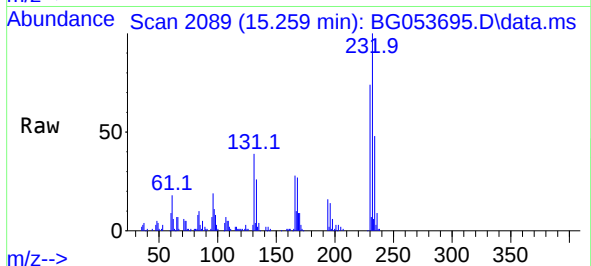
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.840 ng
RT: 15.259 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

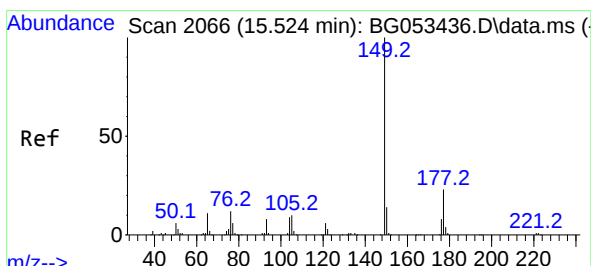
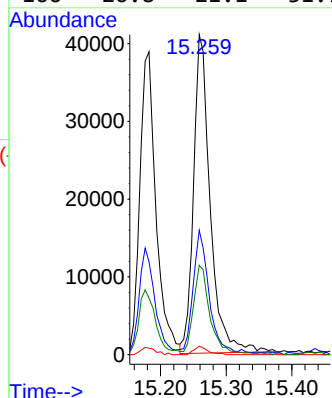
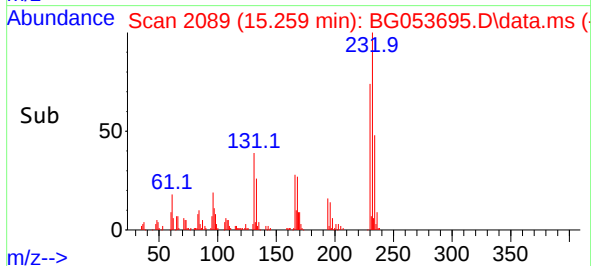


Tgt Ion:232 Resp: 72340
Ion Ratio Lower Upper
232 100
131 35.7 30.6 46.0
130 2.2 1.8 2.8
166 26.8 21.1 31.7

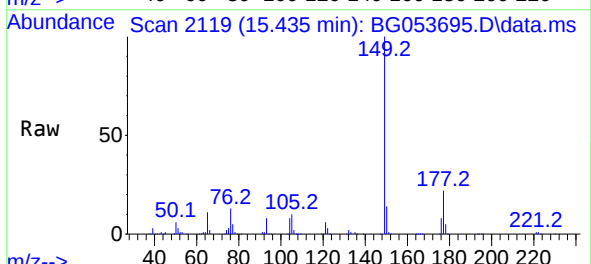
Manual Integrations

APPROVED

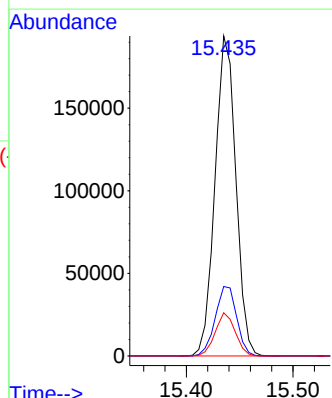
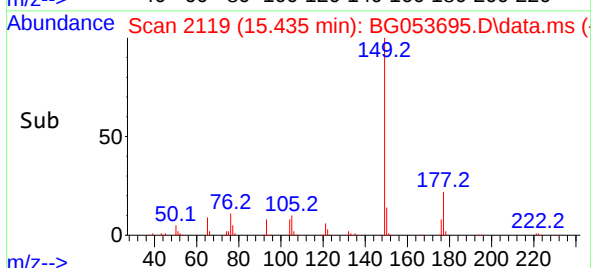
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

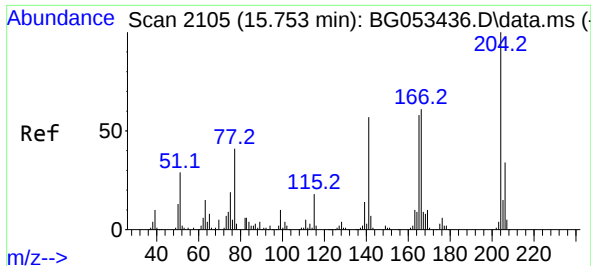


#60
Diethylphthalate
Concen: 39.841 ng
RT: 15.435 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:149 Resp: 262157
Ion Ratio Lower Upper
149 100
177 21.7 18.4 27.6
150 13.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 39.724 ng
RT: 15.658 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

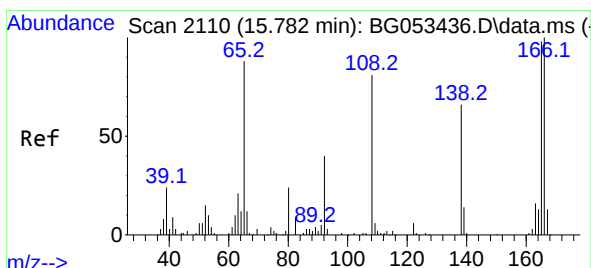
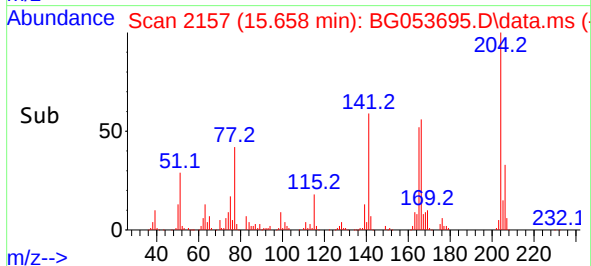
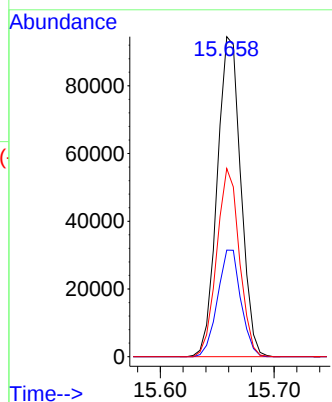
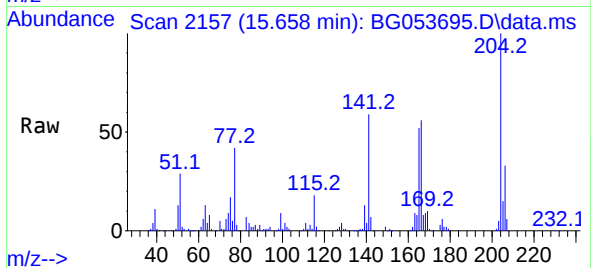
PB145039BS

Tgt Ion:204 Resp: 136025
Ion Ratio Lower Upper
204 100
206 33.3 27.5 41.3
141 58.8 45.3 67.9

Manual Integrations

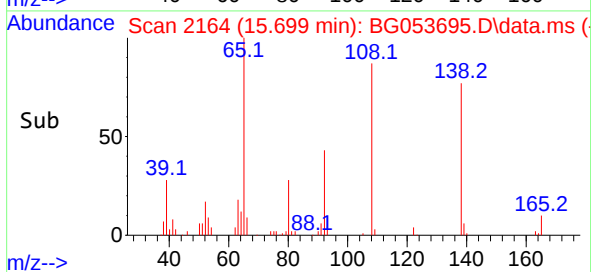
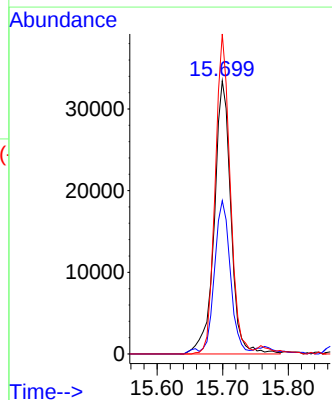
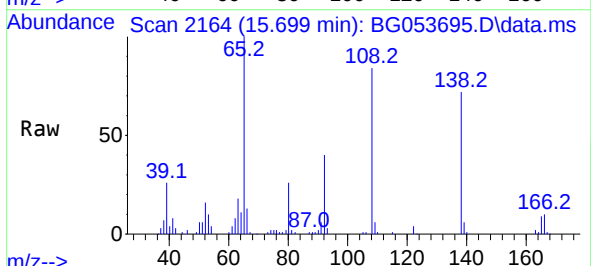
APPROVED

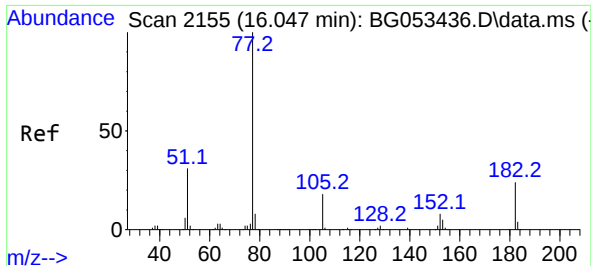
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#62
4-Nitroaniline
Concen: 40.431 ng
RT: 15.699 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:138 Resp: 58803
Ion Ratio Lower Upper
138 100
92 56.1 40.5 80.5
108 117.2 103.7 143.7





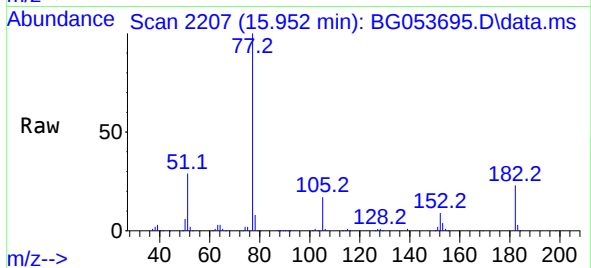
#63
Azobenzene
Concen: 40.001 ng
RT: 15.952 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

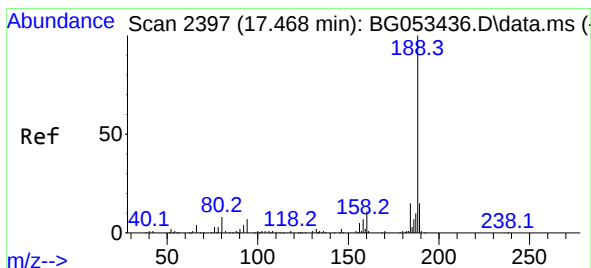
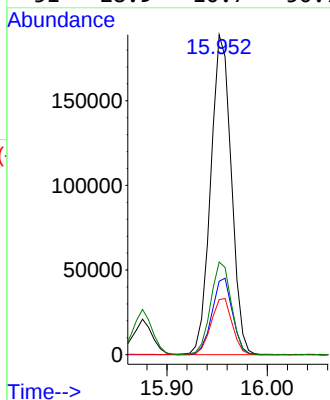
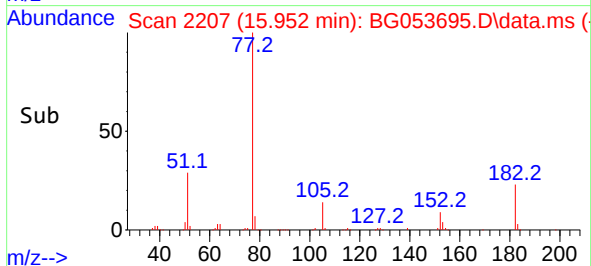


Tgt Ion: 77 Resp: 269528
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 17.2 0.0 37.8
51 28.9 10.7 50.7

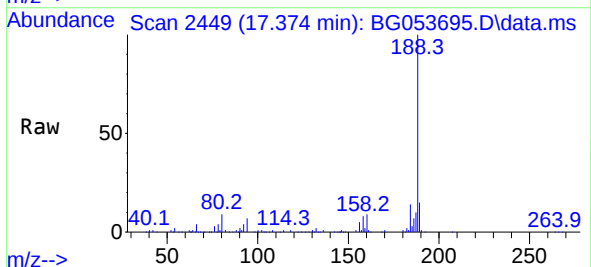
Manual Integrations

APPROVED

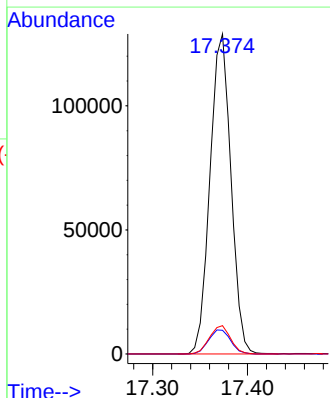
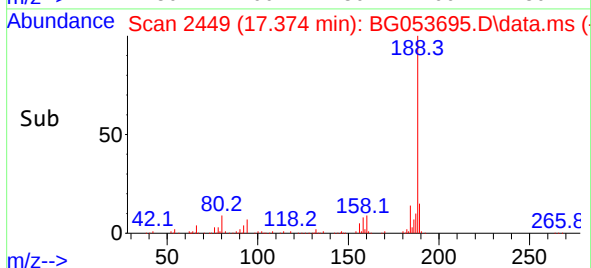
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

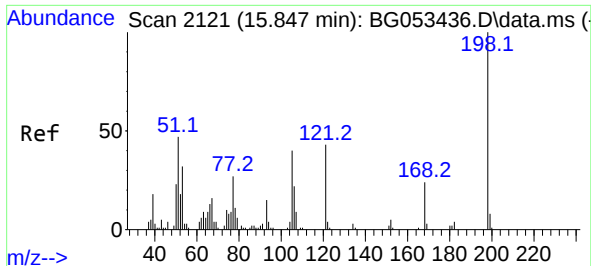


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:188 Resp: 197748
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.8 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.636 ng
RT: 15.764 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

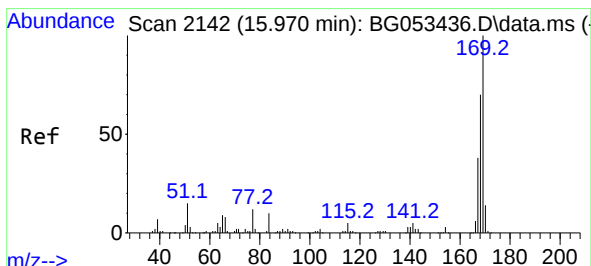
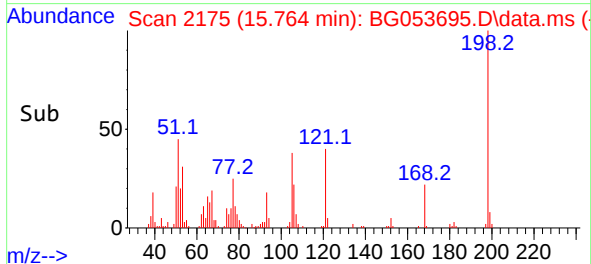
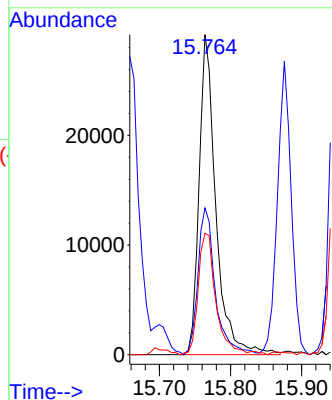
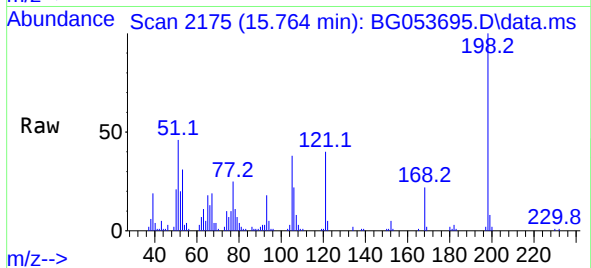
PB145039BS

Tgt Ion:198 Resp: 4788
Ion Ratio Lower Upper
198 100
51 45.8 28.1 68.1
105 37.9 20.3 60.3

Manual Integrations

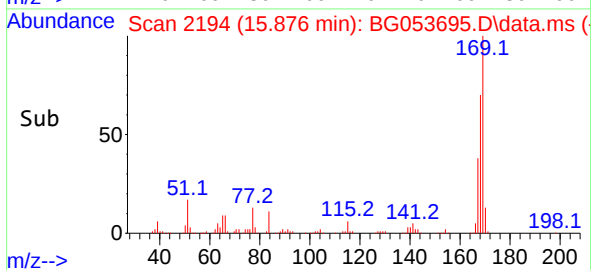
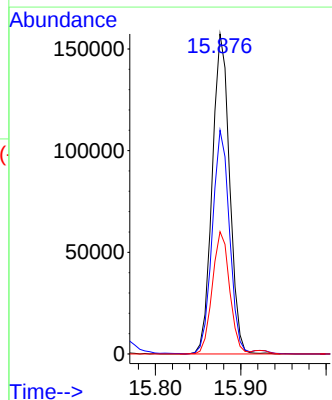
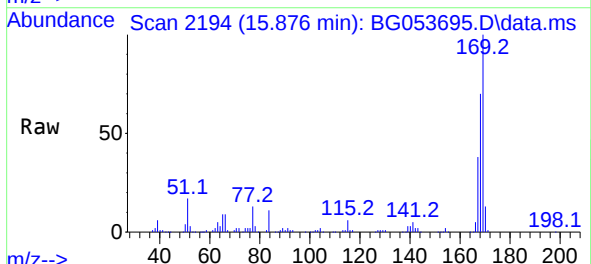
APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#66
n-Nitrosodiphenylamine
Concen: 42.854 ng
RT: 15.876 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:169 Resp: 222493
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 38.2 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.718 ng
RT: 16.557 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

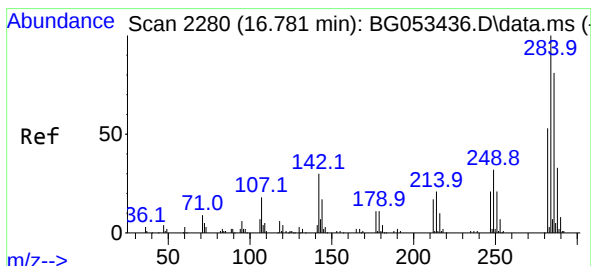
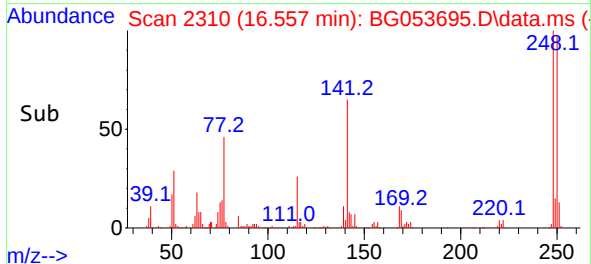
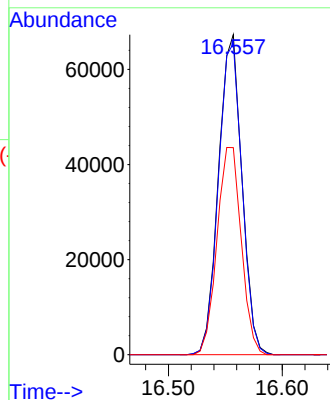
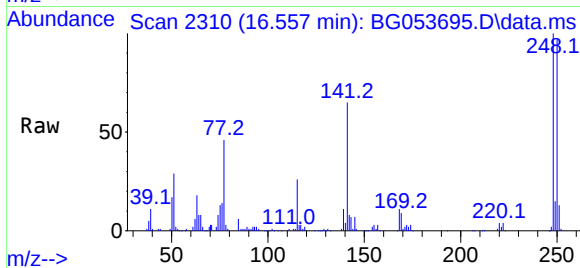
PB145039BS

Tgt Ion:248 Resp: 9634
Ion Ratio Lower Upper
248 100
250 97.4 75.2 112.8
141 64.7 50.0 75.0

Manual Integrations

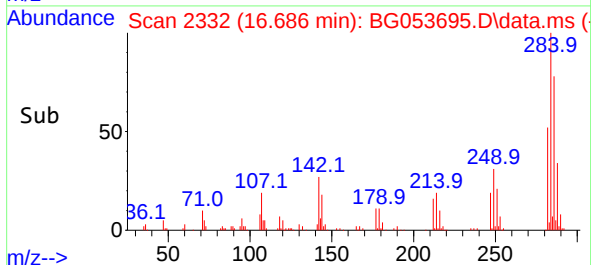
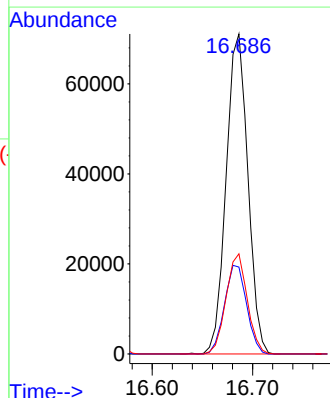
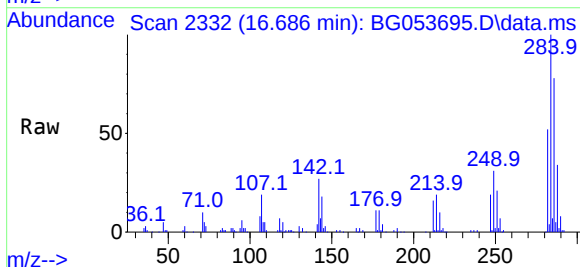
APPROVED

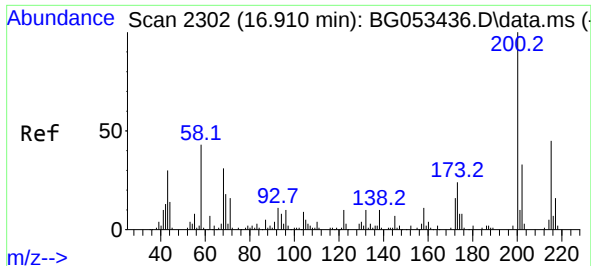
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#68
Hexachlorobenzene
Concen: 42.187 ng
RT: 16.686 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:284 Resp: 106704
Ion Ratio Lower Upper
284 100
142 27.2 23.6 35.4
249 31.3 25.8 38.6





#69
Atrazine
Concen: 43.577 ng
RT: 16.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

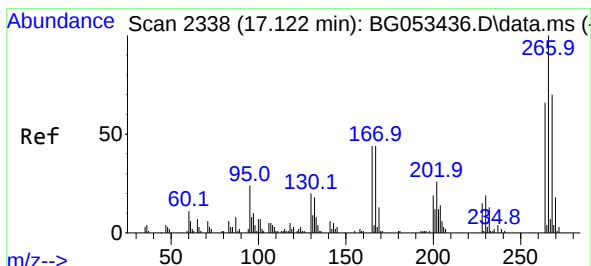
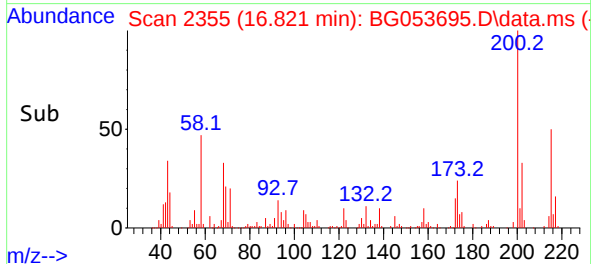
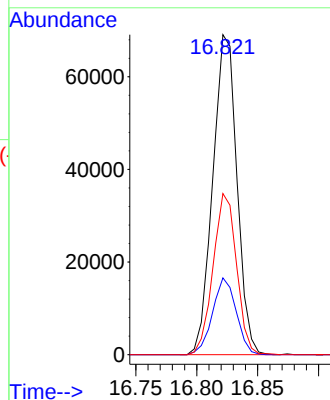
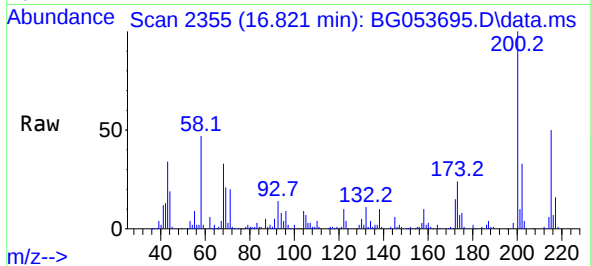
PB145039BS

Tgt Ion:200 Resp: 95240
Ion Ratio Lower Upper
200 100
173 24.0 3.7 43.7
215 50.3 25.2 65.2

Manual Integrations

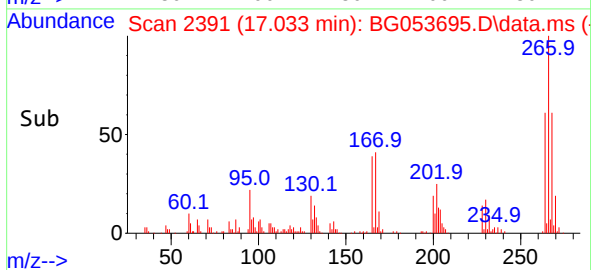
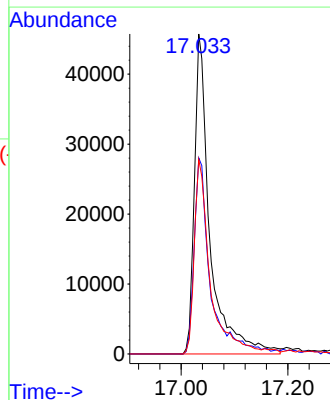
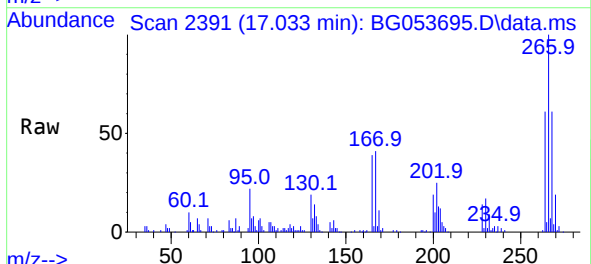
APPROVED

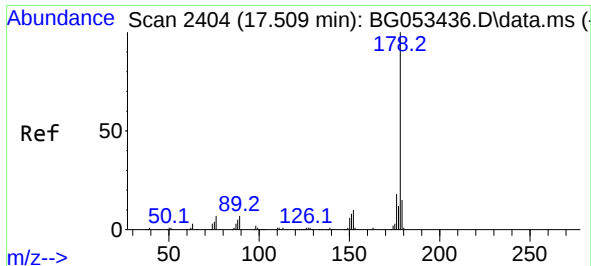
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#70
Pentachlorophenol
Concen: 68.933 ng
RT: 17.033 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

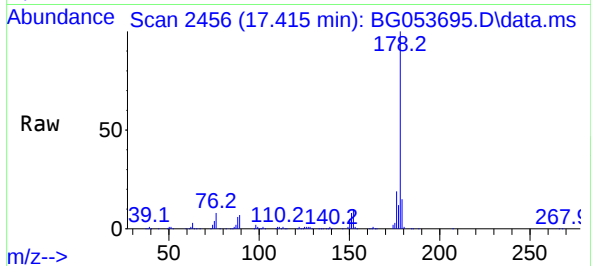
Tgt Ion:266 Resp: 92964
Ion Ratio Lower Upper
266 100
268 61.2 56.2 84.2
264 60.7 53.0 79.4





#71
Phenanthrene
Concen: 42.704 ng
RT: 17.415 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

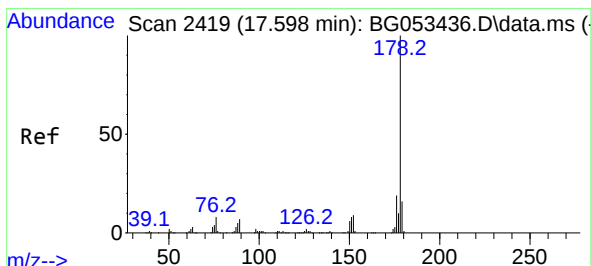
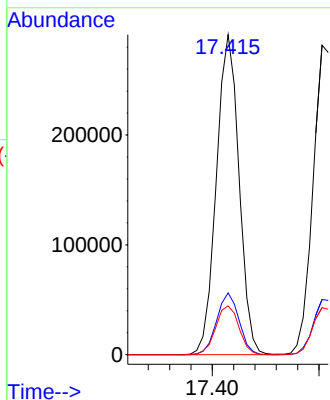
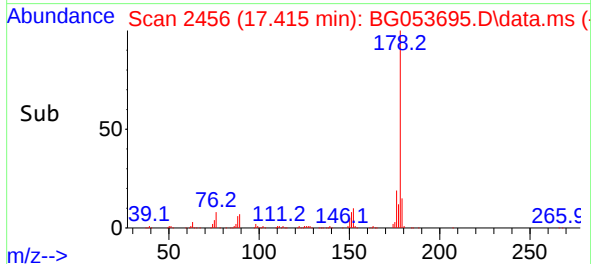
Instrument :
BNA_G
ClientSampleId :
PB145039BS



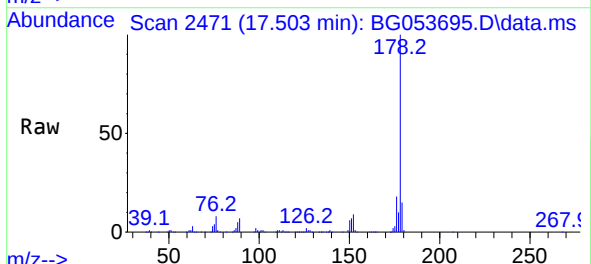
Tgt Ion:178 Resp: 42939
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 15.2 12.1 18.1

Manual Integrations
APPROVED

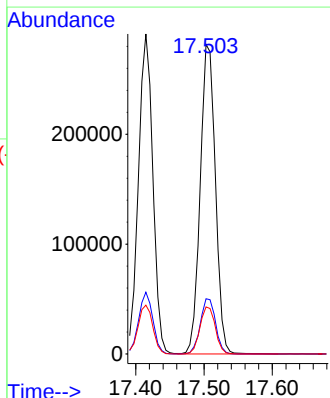
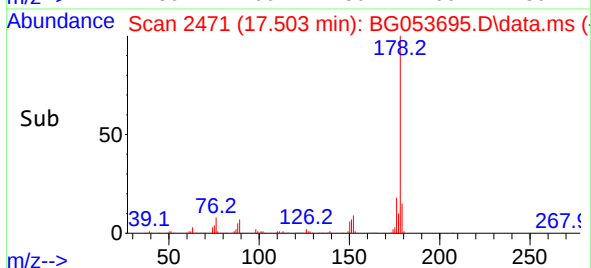
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

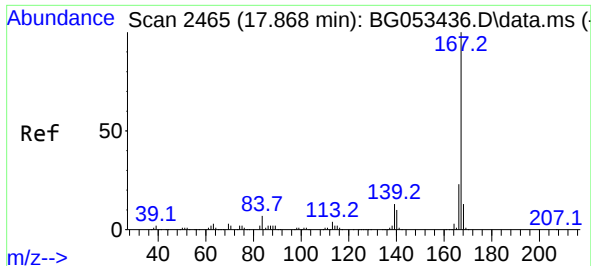


#72
Anthracene
Concen: 44.160 ng
RT: 17.503 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:178 Resp: 436446
Ion Ratio Lower Upper
178 100
176 17.9 15.2 22.8
179 15.2 13.0 19.4





#73
 Carbazole
 Concen: 41.708 ng
 RT: 17.779 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

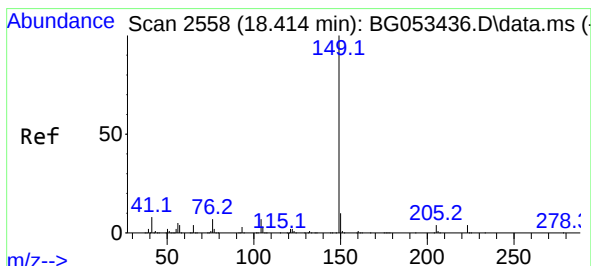
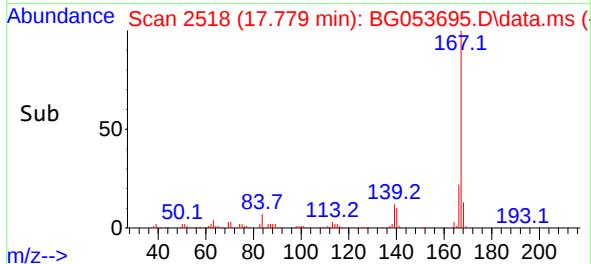
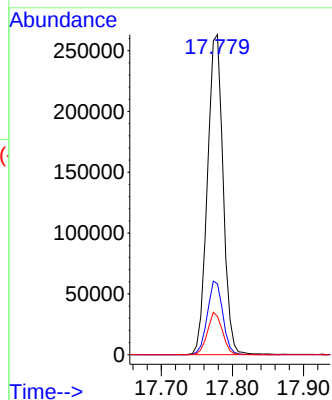
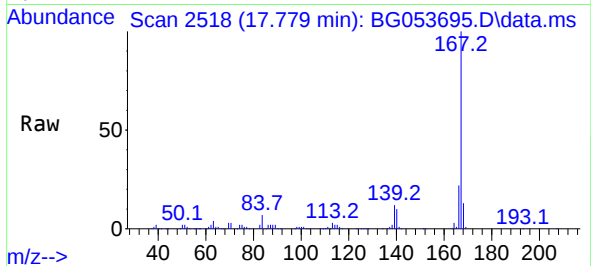
PB145039BS

Tgt Ion:167 Resp: 40398
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 12.0 10.1 15.1

Manual Integrations

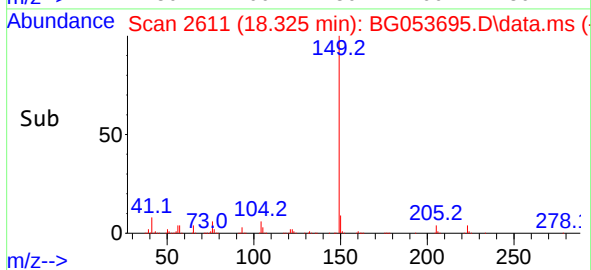
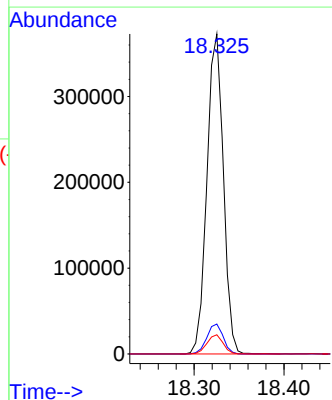
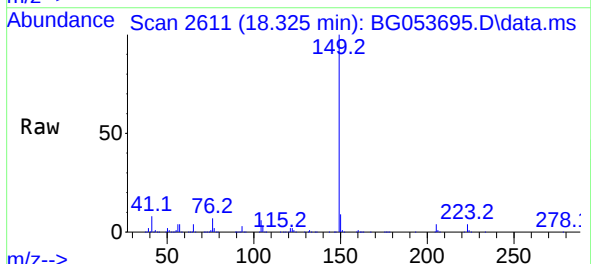
APPROVED

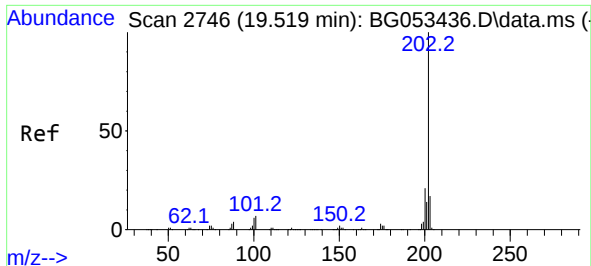
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#74
 Di-n-butylphthalate
 Concen: 43.432 ng
 RT: 18.325 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50

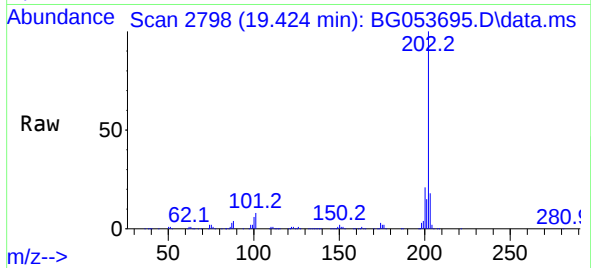
Tgt Ion:149 Resp: 473143
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.0 5.4 8.0





#75
Fluoranthene
Concen: 42.901 ng
RT: 19.424 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

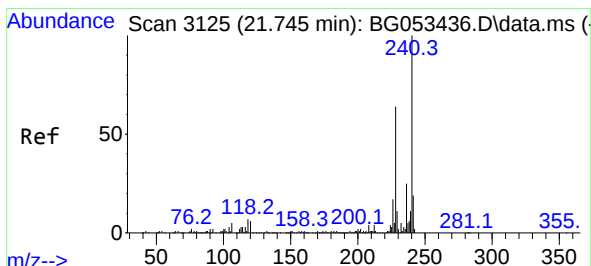
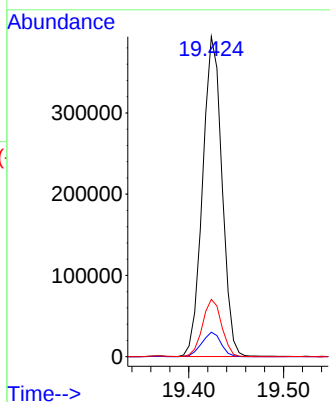
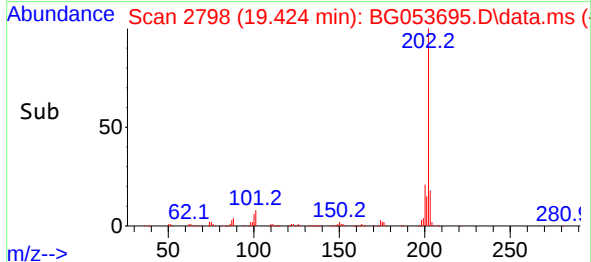
Instrument :
BNA_G
ClientSampleId :
PB145039BS



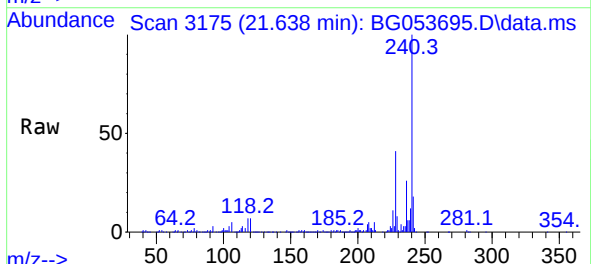
Tgt Ion:202 Resp: 558550
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 17.9 0.0 37.2

Manual Integrations
APPROVED

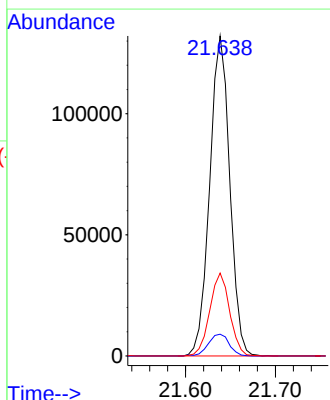
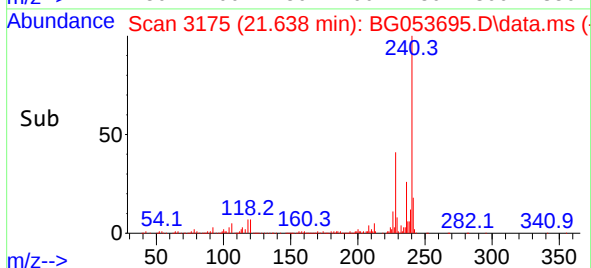
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

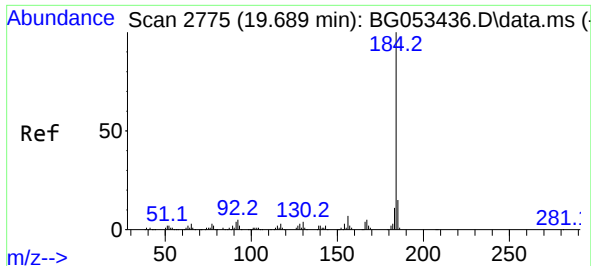


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:240 Resp: 204924
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.9 20.2 30.4





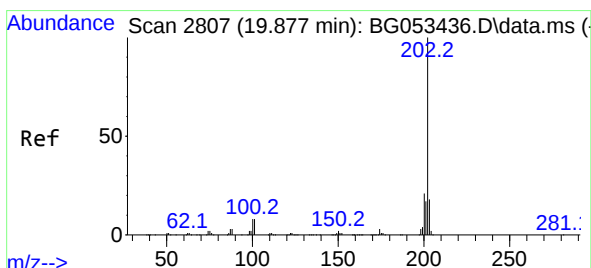
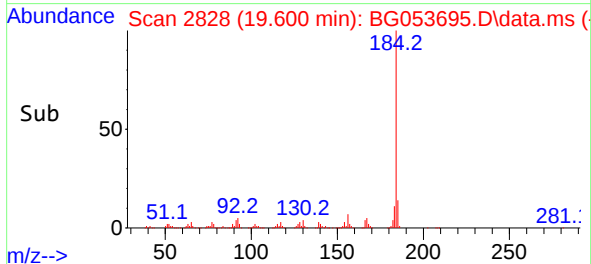
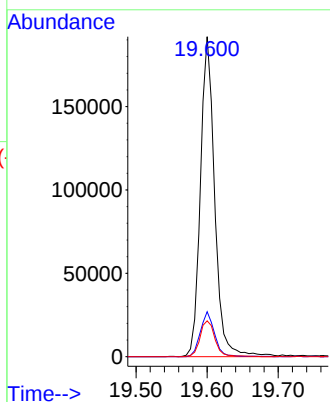
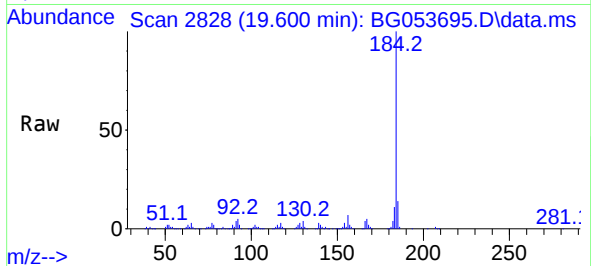
#77
Benzidine
Concen: 60.902 ng
RT: 19.600 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Instrument :
BNA_G
ClientSampleId :
PB145039BS

Tgt Ion:184 Resp: 268990
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.2 8.9 13.3

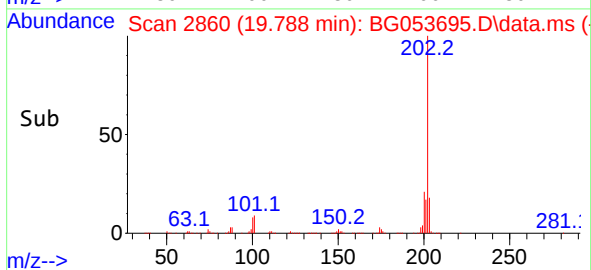
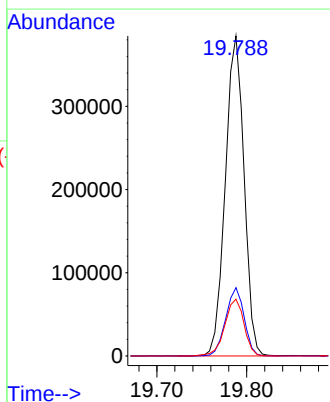
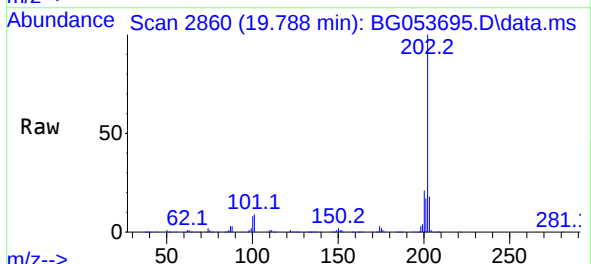
Manual Integrations
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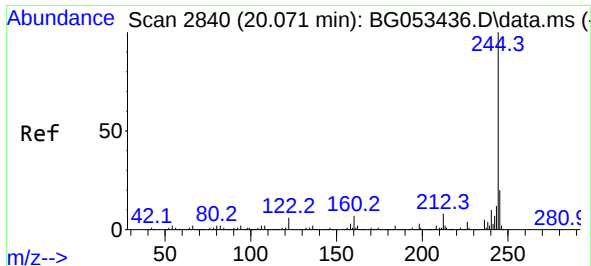
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#78
Pyrene
Concen: 42.024 ng
RT: 19.788 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

Tgt Ion:202 Resp: 557474
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.7 14.6 21.8





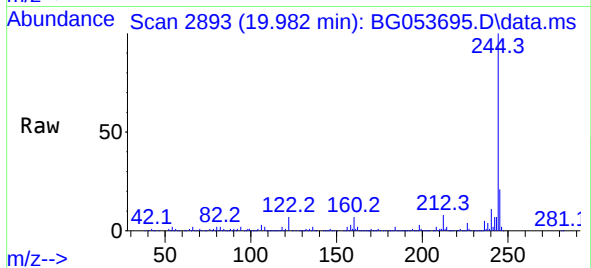
#79
 Terphenyl-d14
 Concen: 84.215 ng
 RT: 19.982 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

PB145039BS

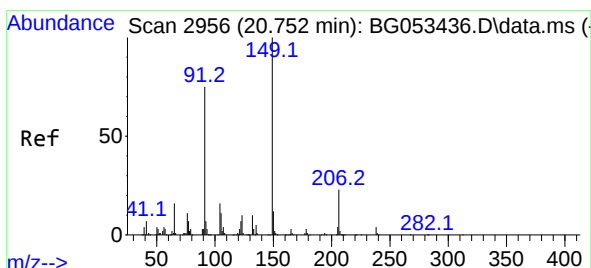
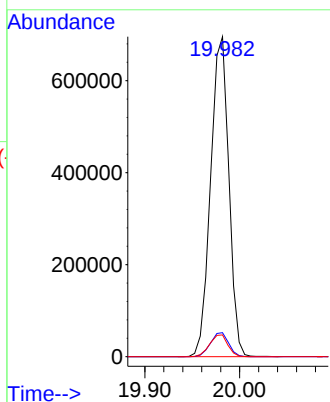
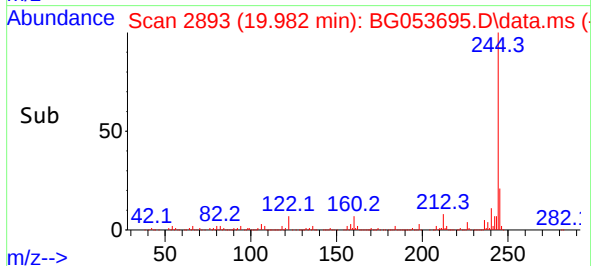


Tgt Ion:244 Resp: 926600
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.8 5.0 7.4

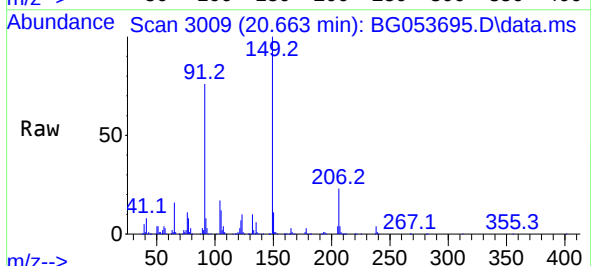
Manual Integrations

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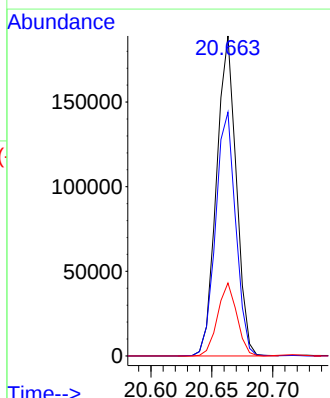
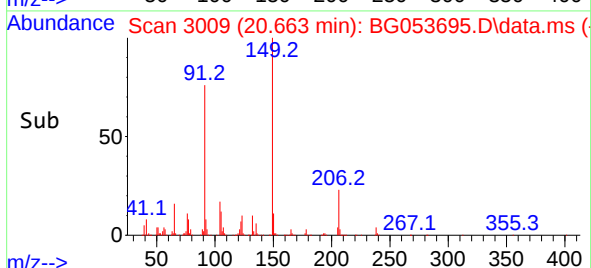
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022

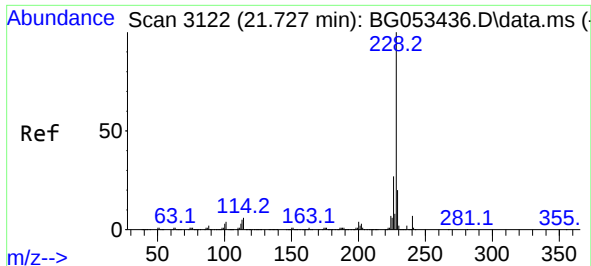


#80
 Butylbenzylphthalate
 Concen: 43.924 ng
 RT: 20.663 min Scan# 3009
 Delta R.T. 0.000 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50



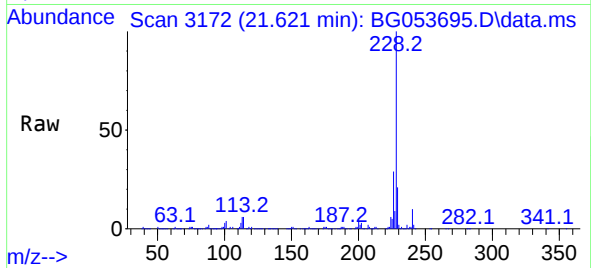
Tgt Ion:149 Resp: 213669
 Ion Ratio Lower Upper
 149 100
 91 76.2 59.6 89.4
 206 22.8 18.6 28.0





#81
Benzo(a)anthracene
Concen: 43.014 ng
RT: 21.621 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

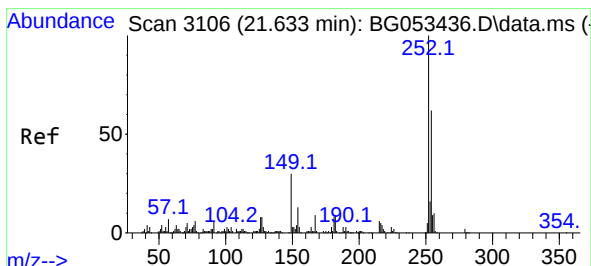
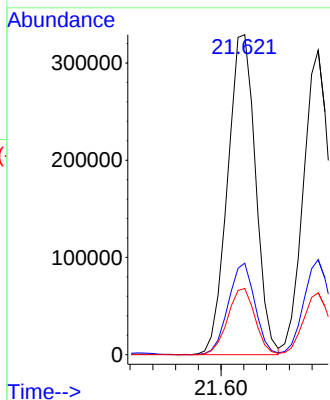
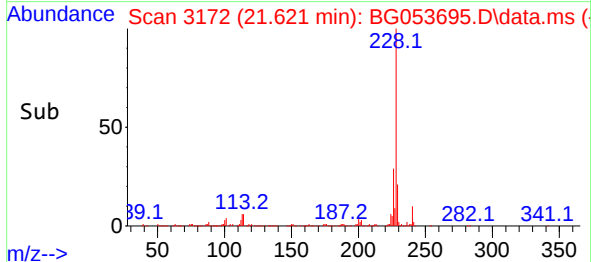
Instrument :
BNA_G
ClientSampleId :
PB145039BS



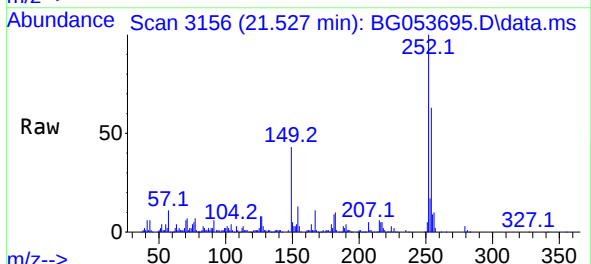
Tgt Ion:228 Resp: 562215
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 20.7 16.2 24.2

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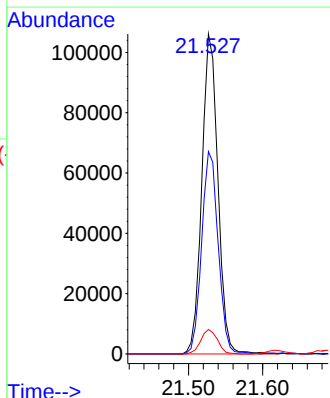
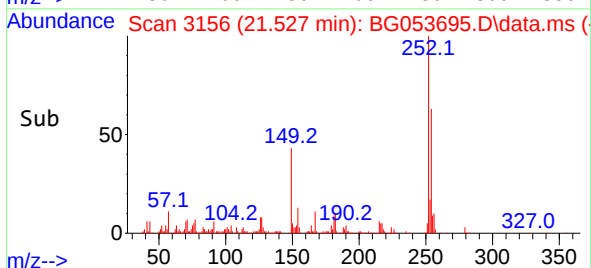
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

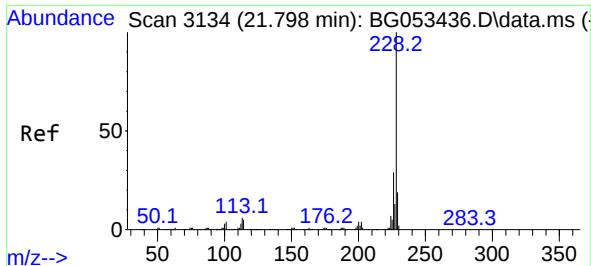


#82
3,3'-Dichlorobenzidine
Concen: 48.169 ng
RT: 21.527 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



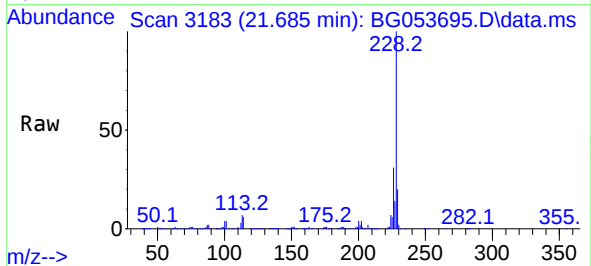
Tgt Ion:252 Resp: 159656
Ion Ratio Lower Upper
252 100
254 63.3 49.8 74.8
126 7.6 6.0 9.0





#83
Chrysene
Concen: 41.562 ng
RT: 21.685 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

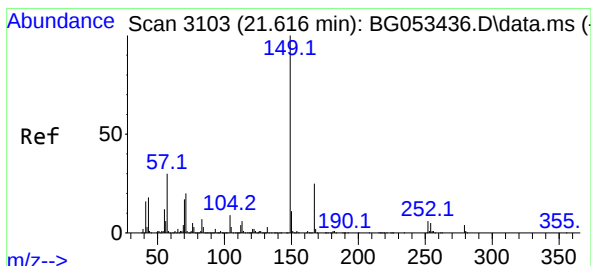
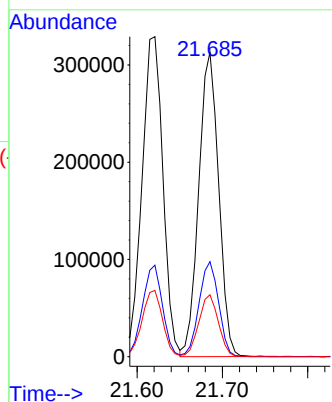
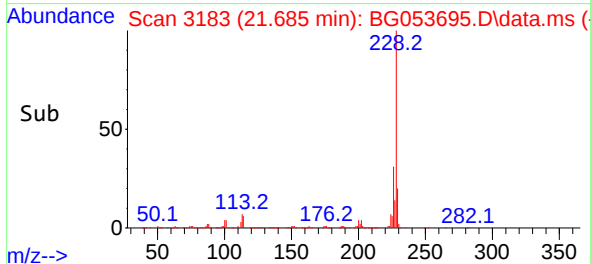
Instrument :
BNA_G
ClientSampleId :
PB145039BS



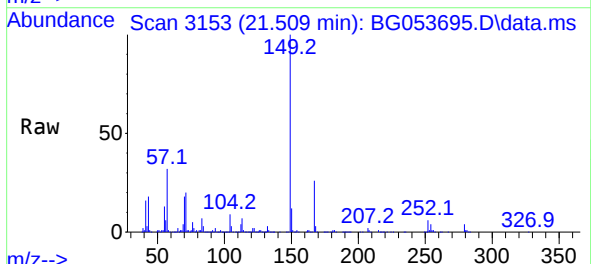
Tgt Ion:228 Resp: 507358
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.2
229 20.3 15.5 23.3

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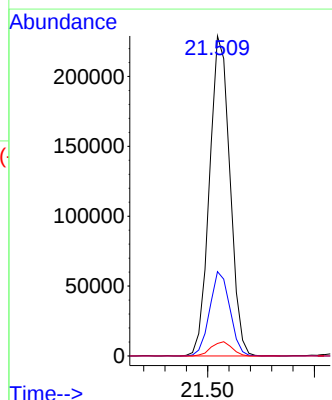
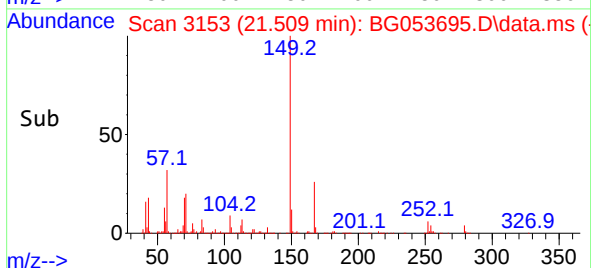
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

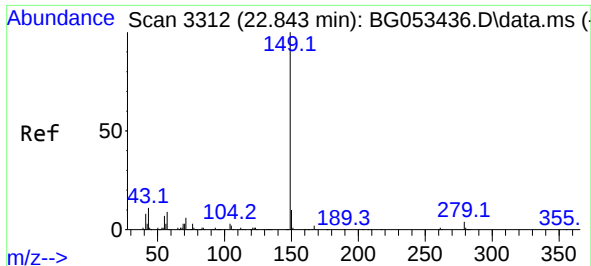


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.279 ng
RT: 21.509 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



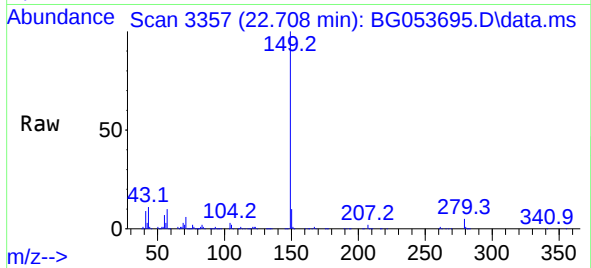
Tgt Ion:149 Resp: 304010
Ion Ratio Lower Upper
149 100
167 26.4 20.2 30.4
279 3.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 45.532 ng
RT: 22.708 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

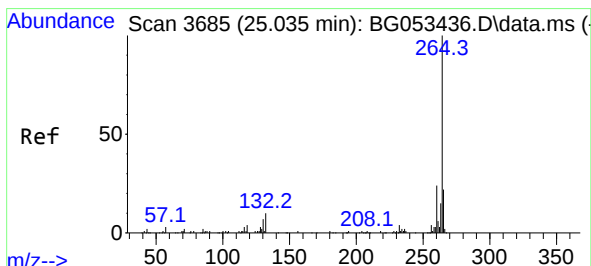
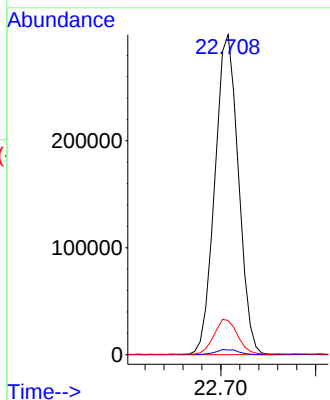
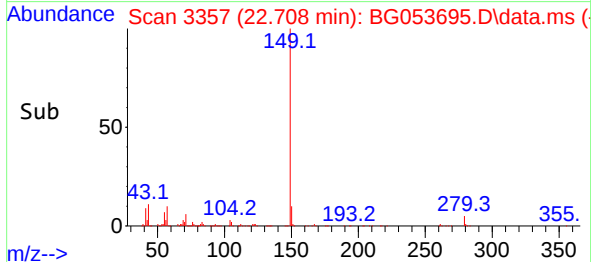
Instrument :
BNA_G
ClientSampleId :
PB145039BS



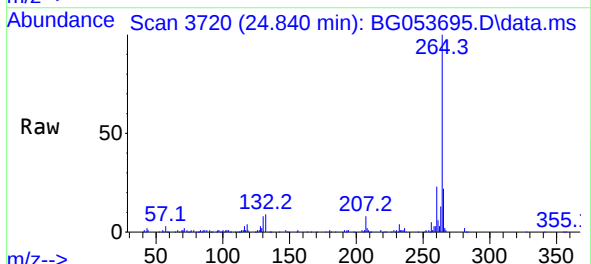
Tgt Ion:149 Resp: 51694
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.0 13.4

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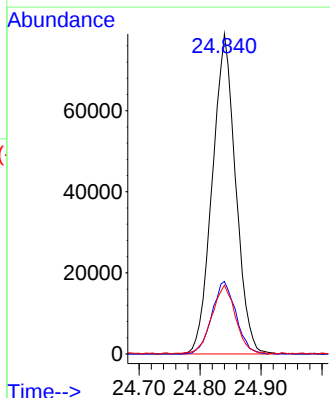
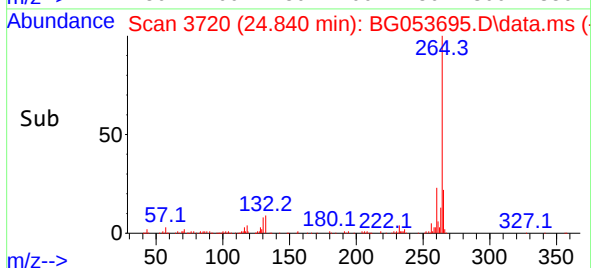
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

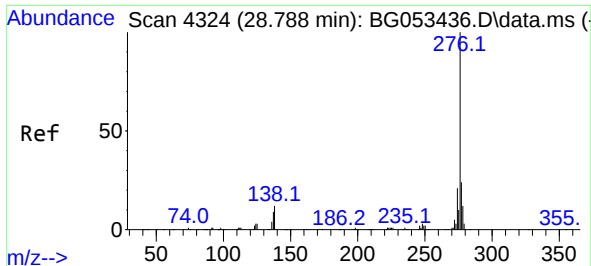


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 3720
Delta R.T. 0.000 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



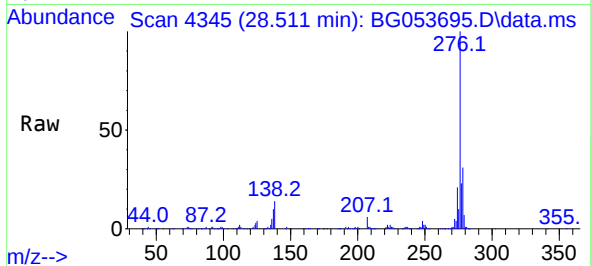
Tgt Ion:264 Resp: 210026
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.117 ng
 RT: 28.511 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50

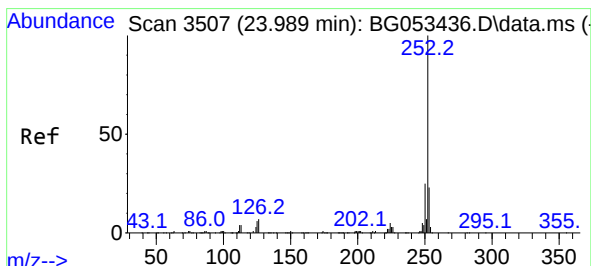
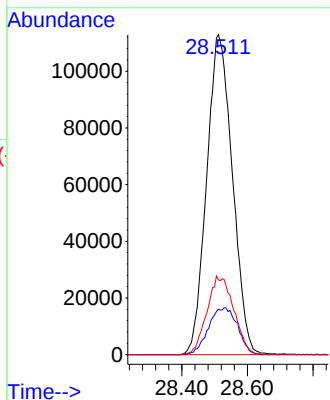
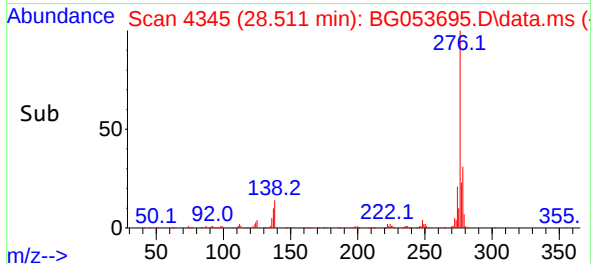
Instrument :
 BNA_G
 ClientSampleId :
 PB145039BS



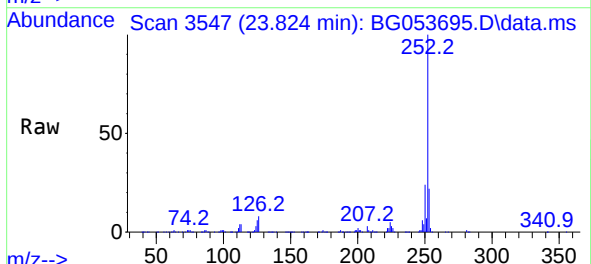
Tgt Ion:276 Resp: 61608
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4
 277 25.4 20.3 30.5

Manual Integrations
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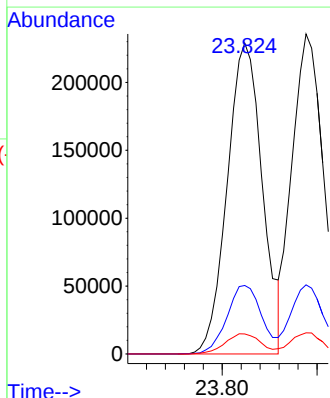
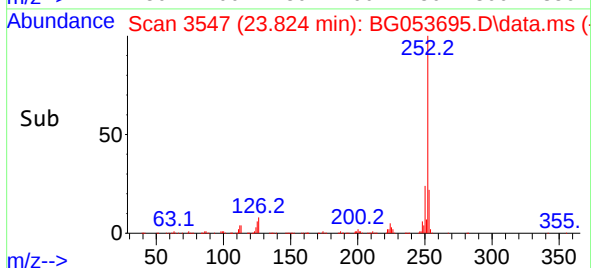
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022

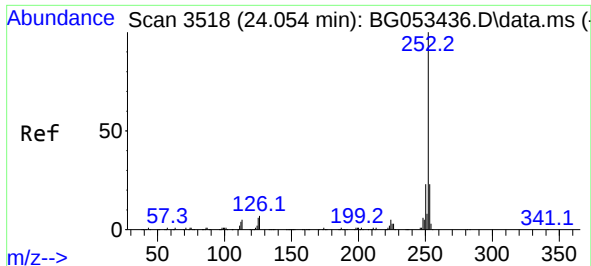


#88
 Benzo(b)fluoranthene
 Concen: 47.405 ng
 RT: 23.824 min Scan# 3547
 Delta R.T. 0.000 min
 Lab File: BG053695.D
 Acq: 25 May 2022 15:50



Tgt Ion:252 Resp: 589326
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 6.4 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 44.471 ng

RT: 23.888 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

Instrument :

BNA_G

ClientSampleId :

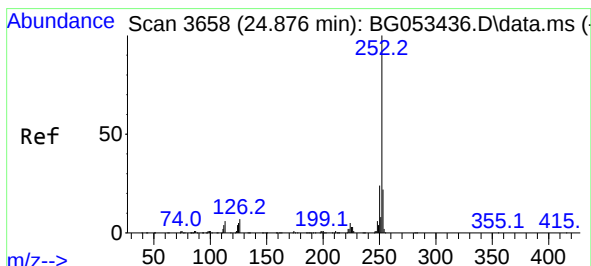
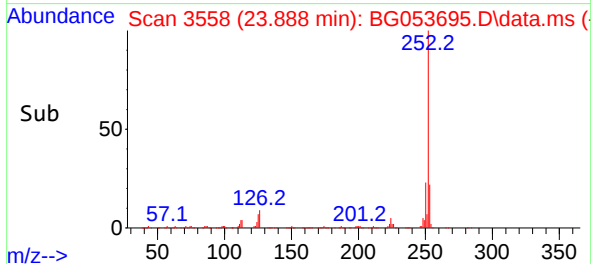
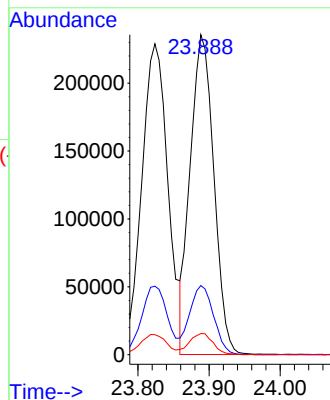
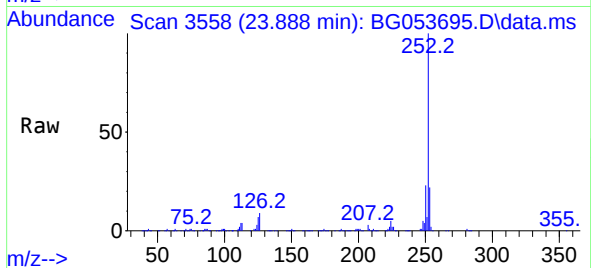
PB145039BS

Tgt Ion:252 Resp: 54327
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.4 27.6
 125 6.6 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#90

Benzo(a)pyrene

Concen: 51.924 ng

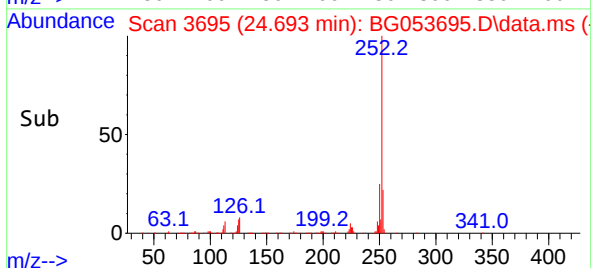
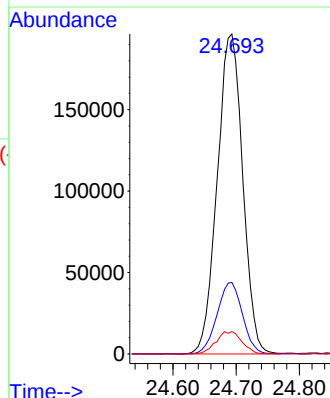
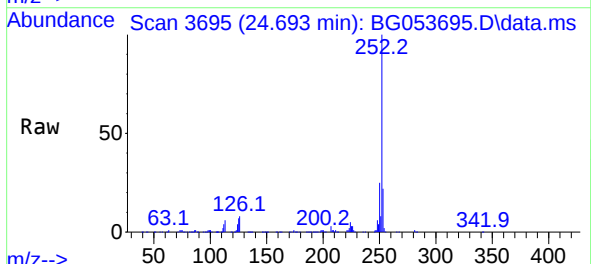
RT: 24.693 min Scan# 3695

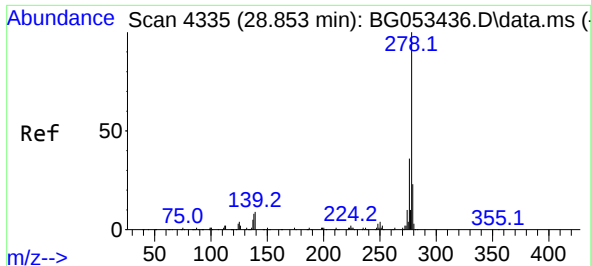
Delta R.T. 0.006 min

Lab File: BG053695.D

Acq: 25 May 2022 15:50

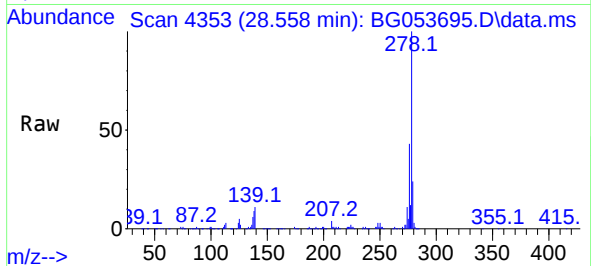
Tgt Ion:252 Resp: 549427
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 7.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 44.530 ng
RT: 28.558 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50

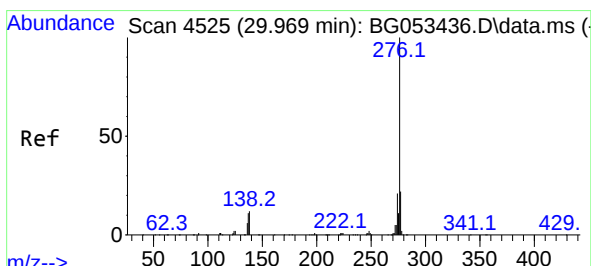
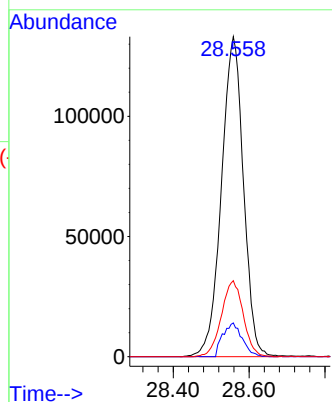
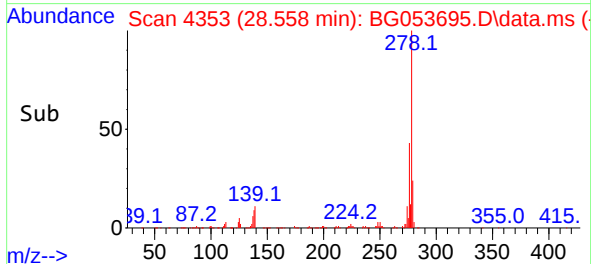
Instrument :
BNA_G
ClientSampleId :
PB145039BS



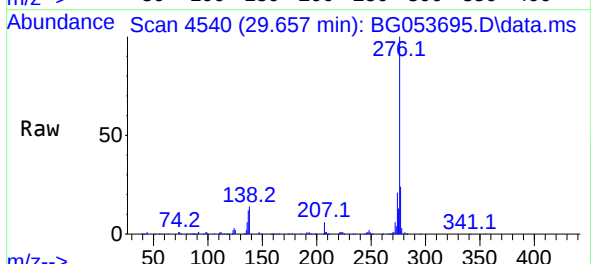
Tgt Ion:278 Resp: 53673
Ion Ratio Lower Upper
278 100
139 10.5 7.2 10.8
279 23.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#92
Benzo(g,h,i)perylene
Concen: 44.214 ng
RT: 29.657 min Scan# 4540
Delta R.T. 0.006 min
Lab File: BG053695.D
Acq: 25 May 2022 15:50



Tgt Ion:276 Resp: 528255
Ion Ratio Lower Upper
276 100
277 23.8 17.3 25.9
138 14.1 9.6 14.4

