

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055159.D
 Acq On : 13 Oct 2022 11:28
 Operator : CG/JU
 Sample : PB148265BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/14/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 14 01:20:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	26872	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	129666	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	109473	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	293885	20.000	ng	0.00
76) Chrysene-d12	21.930	240	283440	20.000	ng	0.00
86) Perylene-d12	25.349	264	297042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	211824	154.223	ng	0.00
7) Phenol-d6	7.435	99	296440	145.903	ng	0.00
23) Nitrobenzene-d5	9.474	82	185375	76.663	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	203366	129.285	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	491973	73.412	ng	0.00
79) Terphenyl-d14	20.220	244	1119208	79.527	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.634	88	18632	32.059	ng	95
3) Pyridine	4.057	79	54137	29.540	ng	97
4) n-Nitrosodimethylamine	3.963	42	36510	37.542	ng	98
6) Aniline	7.611	93	110649	42.411	ng	97
8) 2-Chlorophenol	7.858	128	77650	46.362	ng	99
9) Benzaldehyde	7.423	77	48982	35.847	ng	97
10) Phenol	7.465	94	104252	46.185	ng	99
11) bis(2-Chloroethyl)ether	7.705	93	66353	41.560	ng	97
12) 1,3-Dichlorobenzene	8.193	146	76048	39.066	ng	96
13) 1,4-Dichlorobenzene	8.340	146	78145	39.760	ng	99
14) 1,2-Dichlorobenzene	8.663	146	76928	40.872	ng	97
15) Benzyl Alcohol	8.534	79	81180	44.693	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.828	45	111464	41.763	ng	98
17) 2-Methylphenol	8.728	107	73093	45.006	ng	92
18) Hexachloroethane	9.403	117	26029	39.067	ng	99
19) n-Nitroso-di-n-propyla...	9.104	70	66619	40.628	ng	99
20) 3+4-Methylphenols	9.057	107	102370	43.932	ng	96
22) Acetophenone	9.127	105	124185	38.681	ng	# 100
24) Nitrobenzene	9.515	77	94064	37.601	ng	99
25) Isophorone	10.038	82	190798	40.631	ng	98
26) 2-Nitrophenol	10.232	139	46980	39.637	ng	99
27) 2,4-Dimethylphenol	10.273	122	86267	47.858	ng	98
28) bis(2-Chloroethoxy)met...	10.514	93	99548	42.776	ng	97
29) 2,4-Dichlorophenol	10.767	162	88510	41.084	ng	96
30) 1,2,4-Trichlorobenzene	10.990	180	83320	35.853	ng	99
31) Naphthalene	11.184	128	253874	37.229	ng	100
32) Benzoic acid	10.396	122	52977	35.526	ng	94
33) 4-Chloroaniline	11.278	127	101950	34.781	ng	96
34) Hexachlorobutadiene	11.460	225	52372	35.344	ng	98
35) Caprolactam	12.042	113	38088m	43.036	ng	
36) 4-Chloro-3-methylphenol	12.371	107	107103	44.085	ng	95
37) 2-Methylnaphthalene	12.764	142	194925	38.172	ng	97
38) 1-Methylnaphthalene	12.982	142	188895	37.914	ng	99
40) 1,2,4,5-Tetrachloroben...	13.123	216	110650	35.836	ng	99
41) Hexachlorocyclopentadiene	13.105	237	137289	88.986	ng	98
43) 2,4,6-Trichlorophenol	13.352	196	84331	37.577	ng	97

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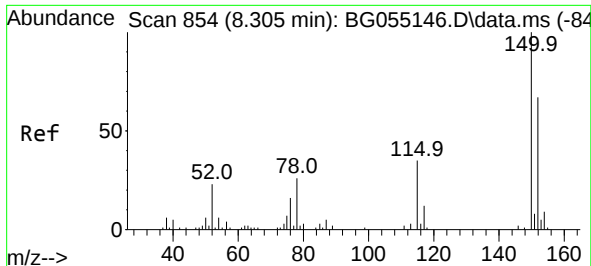
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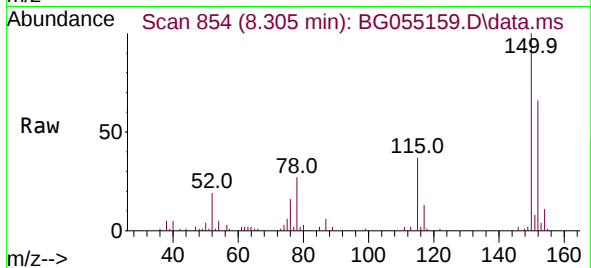
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	94947	38.127	ng	99
46) 1,1'-Biphenyl	13.751	154	276557	38.051	ng	99
47) 2-Chloronaphthalene	13.798	162	215332	36.626	ng	100
48) 2-Nitroaniline	13.992	65	81627	38.917	ng	96
49) Acenaphthylene	14.638	152	370008	37.490	ng	99
50) Dimethylphthalate	14.356	163	335616	38.139	ng	99
51) 2,6-Dinitrotoluene	14.474	165	72499	40.035	ng	98
52) Acenaphthene	14.979	154	270299	42.336	ng	98
53) 3-Nitroaniline	14.803	138	70575	33.615	ng	98
54) 2,4-Dinitrophenol	15.009	184	92920	84.352	ng	91
55) Dibenzofuran	15.308	168	375571	37.704	ng	98
56) 4-Nitrophenol	15.097	139	139499	85.325	ng	95
57) 2,4-Dinitrotoluene	15.255	165	108041	40.734	ng	97
58) Fluorene	15.955	166	310842	38.005	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.526	232	92760	37.746	ng	98
60) Diethylphthalate	15.702	149	356431	38.454	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	168596	38.498	ng	100
62) 4-Nitroaniline	15.960	138	86009	37.945	ng	98
63) Azobenzene	16.231	77	304563	38.704	ng	98
65) 4,6-Dinitro-2-methylph...	16.013	198	66252	38.354	ng	98
66) n-Nitrosodiphenylamine	16.148	169	289368	37.323	ng	99
67) 4-Bromophenyl-phenylether	16.830	248	118196	36.893	ng	96
68) Hexachlorobenzene	16.948	284	134140	36.429	ng	99
69) Atrazine	17.083	200	131899	43.152	ng	99
70) Pentachlorophenol	17.288	266	168325	76.724	ng	96
71) Phenanthrene	17.688	178	560594	36.775	ng	99
72) Anthracene	17.776	178	568848	38.185	ng	100
73) Carbazole	18.040	167	537632	38.761	ng	99
74) Di-n-butylphthalate	18.581	149	649009	38.009	ng	99
75) Fluoranthene	19.674	202	711966	37.363	ng	98
77) Benzidine	19.844	184	426317	67.071	ng	99
78) Pyrene	20.038	202	704957	37.309	ng	98
80) Butylbenzylphthalate	20.902	149	283514	39.087	ng	99
81) Benzo(a)anthracene	21.906	228	677523	37.360	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	230910	37.102	ng	99
83) Chrysene	21.977	228	636951	37.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	400306	38.744	ng	100
85) Di-n-octyl phthalate	23.070	149	679138	39.426	ng	99
87) Indeno(1,2,3-cd)pyrene	29.286	276	829408	37.695	ng	98
88) Benzo(b)fluoranthene	24.257	252	727254	41.077	ng	99
89) Benzo(k)fluoranthene	24.333	252	707398	39.769	ng	99
90) Benzo(a)pyrene	25.191	252	639483	42.240	ng	98
91) Dibenzo(a,h)anthracene	29.357	278	724147	39.771	ng	99
92) Benzo(g,h,i)perylene	30.526	276	712601	39.953	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

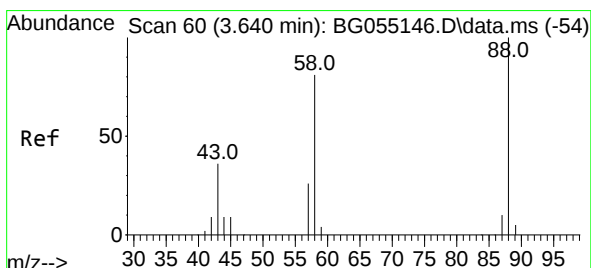
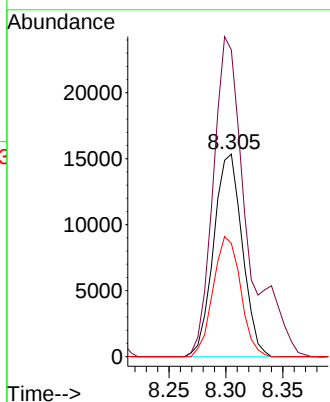
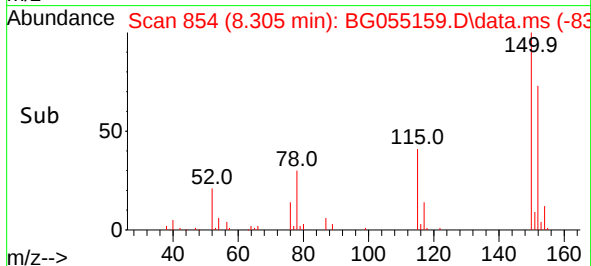
Instrument :
BNA_G
ClientSampleId :
PB148265BS



Tgt Ion:152 Resp: 26872
Ion Ratio Lower Upper
152 100
150 151.6 119.7 179.5
115 55.9 42.4 63.6

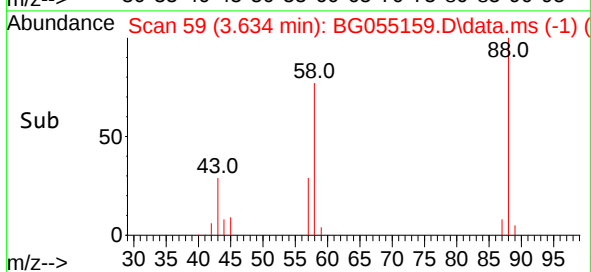
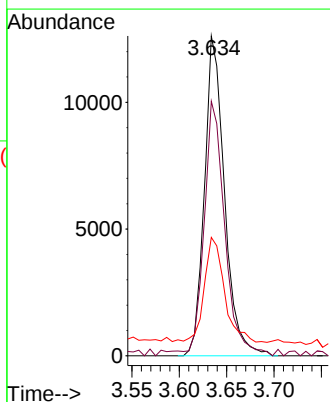
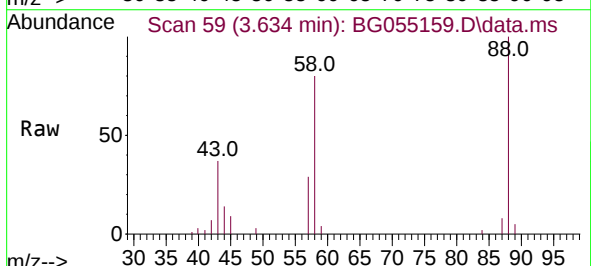
Manual Integrations
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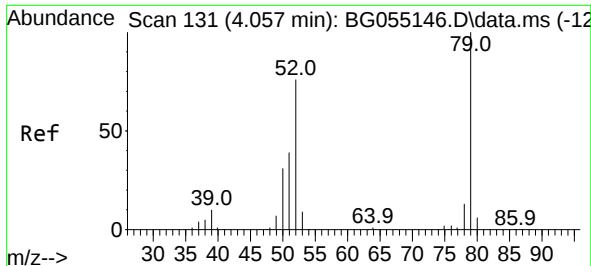
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#2
1,4-Dioxane
Concen: 32.059 ng
RT: 3.634 min Scan# 59
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 88 Resp: 18632
Ion Ratio Lower Upper
88 100
58 81.6 61.0 91.4
43 32.7 26.5 39.7





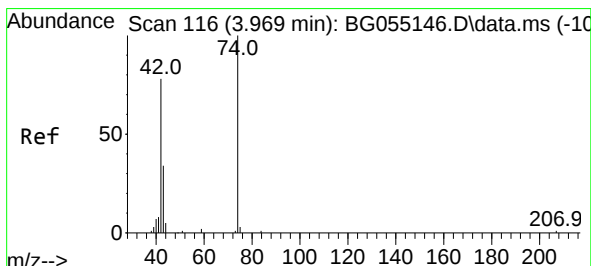
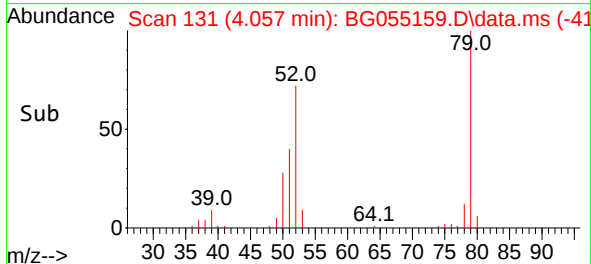
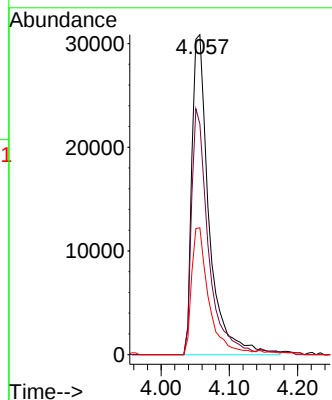
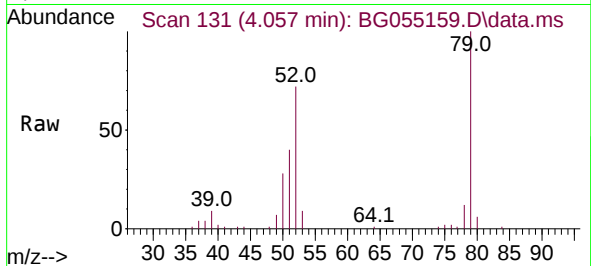
#3
Pyridine
Concen: 29.540 ng
RT: 4.057 min Scan# 131
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion: 79 Resp: 5413
Ion Ratio Lower Upper
79 100
52 72.1 60.9 91.3
51 39.6 31.6 47.4

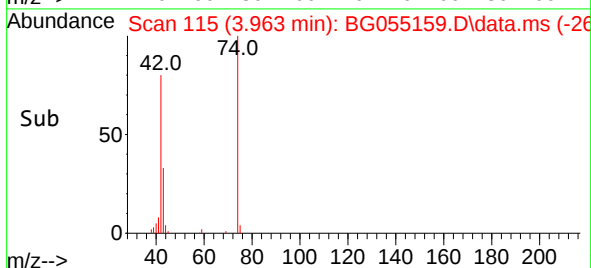
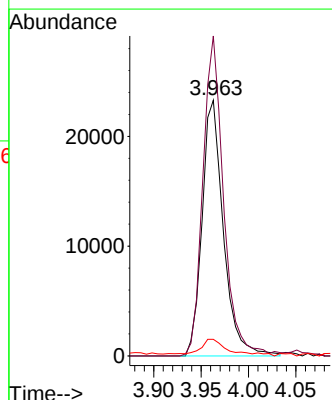
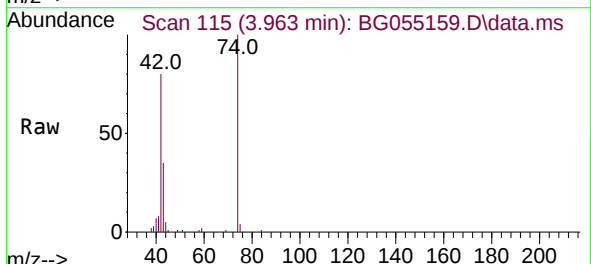
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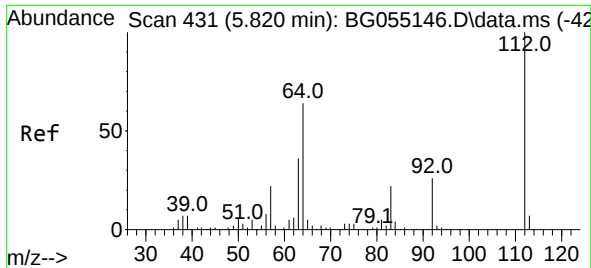
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#4
n-Nitrosodimethylamine
Concen: 37.542 ng
RT: 3.963 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 42 Resp: 36510
Ion Ratio Lower Upper
42 100
74 125.2 101.9 152.9
44 6.5 5.5 8.3





#5
2-Fluorophenol
Concen: 154.223 ng
RT: 5.819 min Scan# 431
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

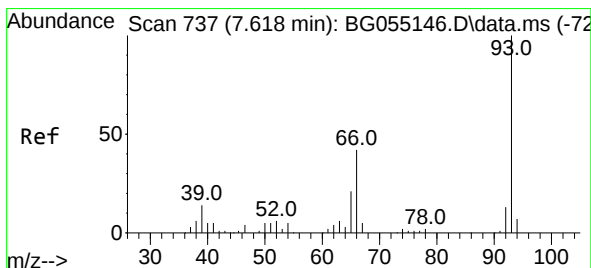
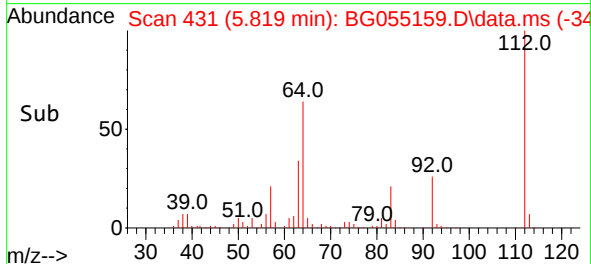
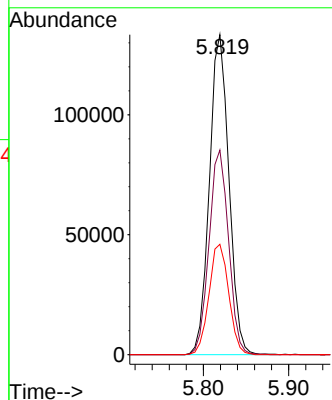
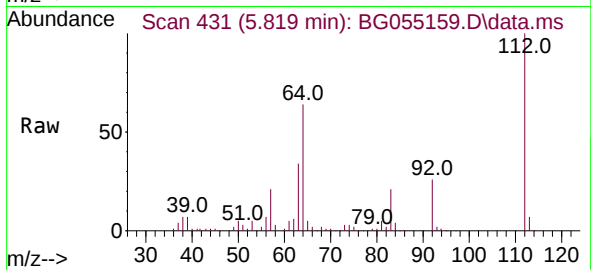
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Tgt Ion:112 Resp: 211824
Ion Ratio Lower Upper
112 100
64 63.9 50.9 76.3
63 34.5 29.0 43.6

Manual Integrations

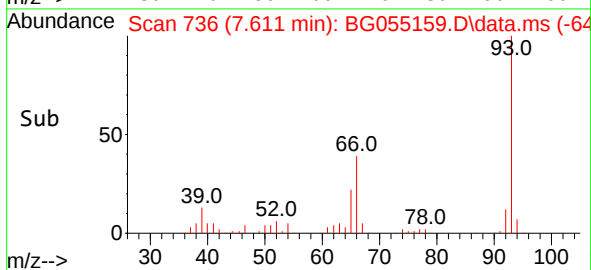
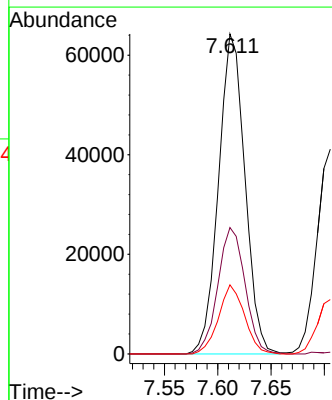
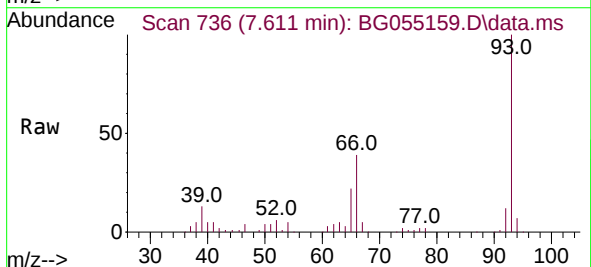
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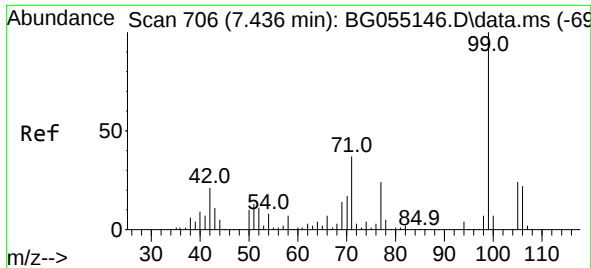
Reviewed By :Christian Giraldo 10/14/2022
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#6
Aniline
Concen: 42.411 ng
RT: 7.611 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

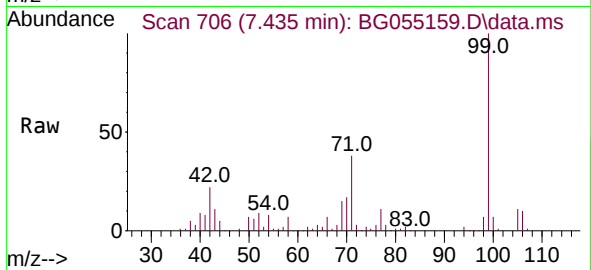
Tgt Ion: 93 Resp: 110649
Ion Ratio Lower Upper
93 100
66 39.5 33.3 49.9
65 21.6 16.6 25.0





#7
Phenol-d6
Concen: 145.903 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

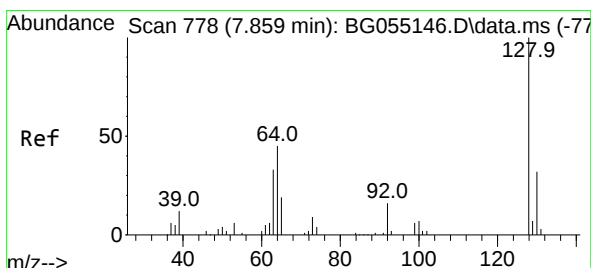
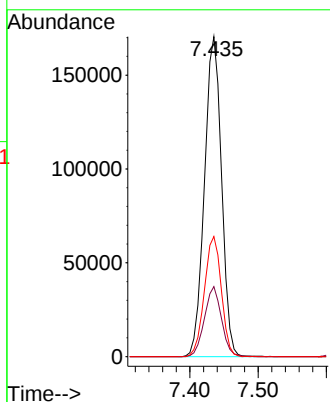
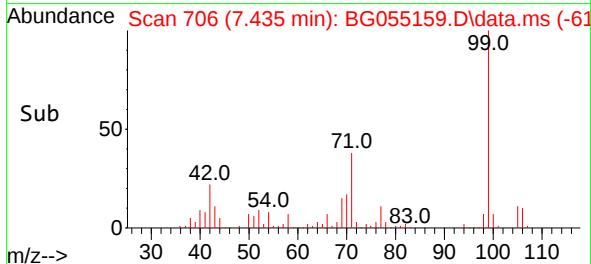
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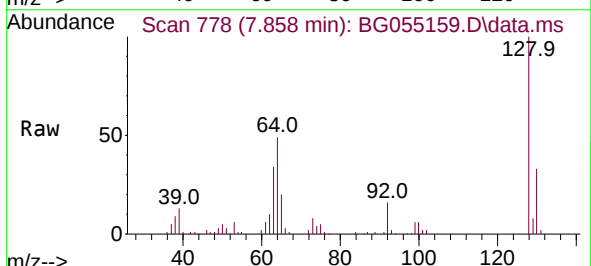
Tgt Ion: 99 Resp: 296440
Ion Ratio Lower Upper
99 100
42 21.9 16.6 25.0
71 37.5 29.6 44.4

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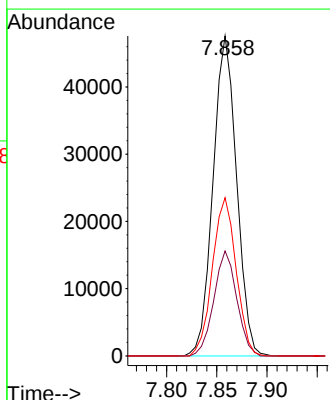
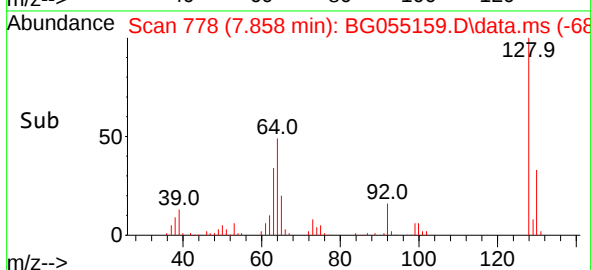
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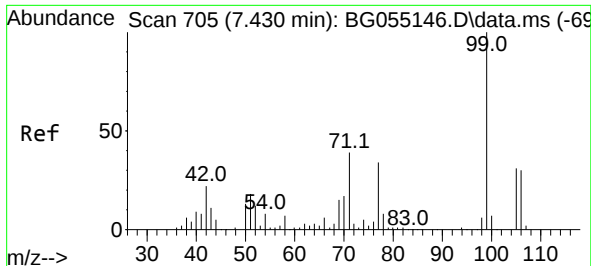


#8
2-Chlorophenol
Concen: 46.362 ng
RT: 7.858 min Scan# 778
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:128 Resp: 77650
Ion Ratio Lower Upper
128 100
130 32.8 11.8 51.8
64 49.4 29.7 69.7





#9
Benzaldehyde
Concen: 35.847 ng
RT: 7.423 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

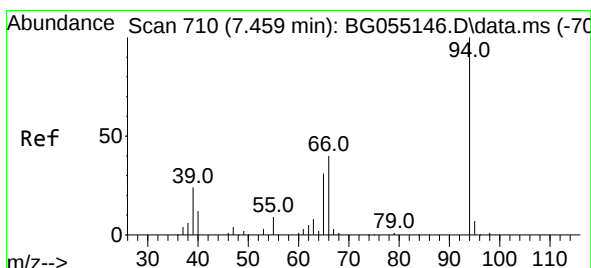
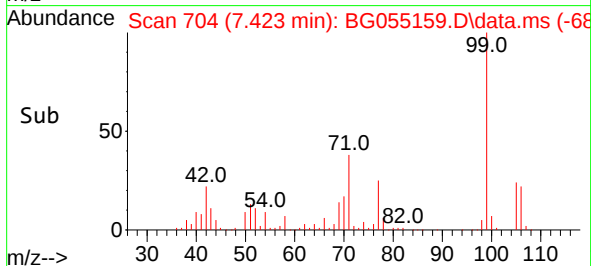
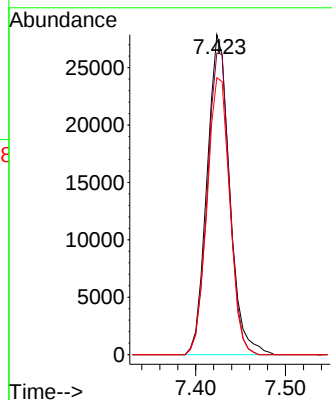
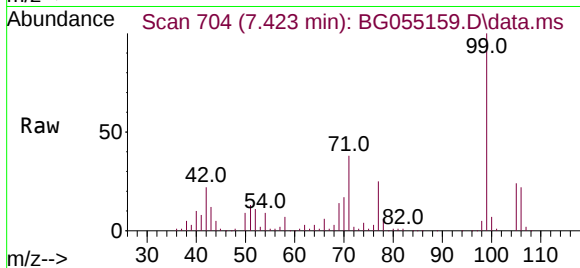
PB148265BS

Tgt Ion: 77 Resp: 48982
Ion Ratio Lower Upper
77 100
105 94.2 71.2 111.2
106 86.5 68.6 108.6

Manual Integrations

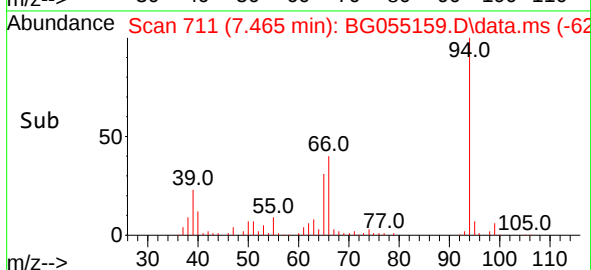
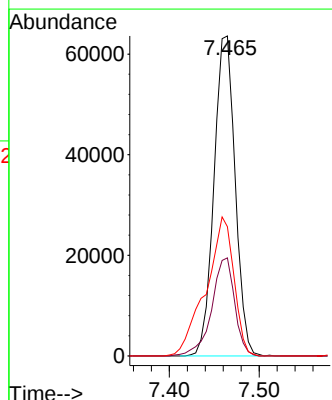
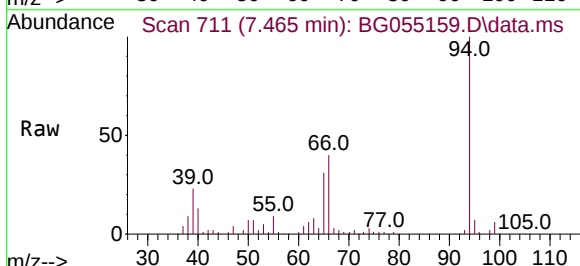
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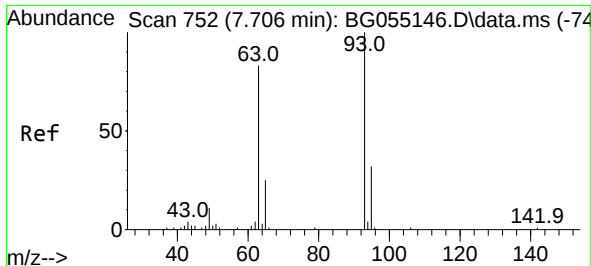
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#10
Phenol
Concen: 46.185 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 94 Resp: 104252
Ion Ratio Lower Upper
94 100
65 30.6 11.2 51.2
66 40.4 21.5 61.5





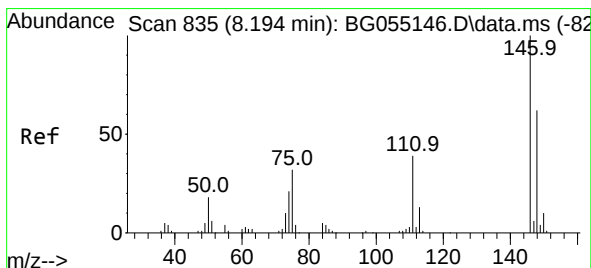
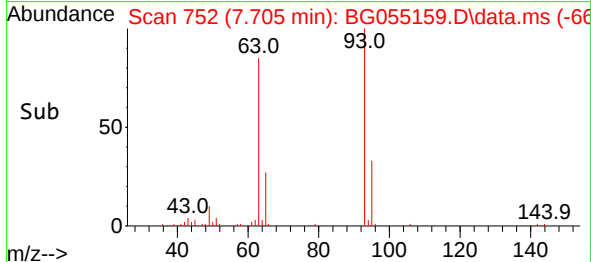
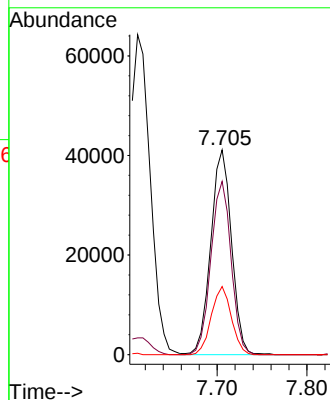
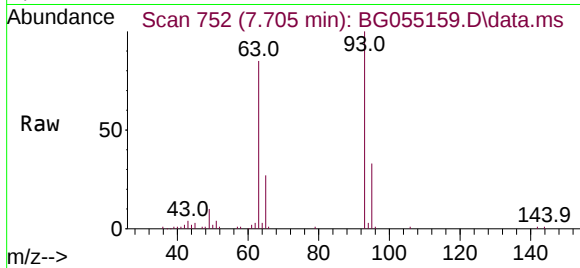
#11
bis(2-Chloroethyl)ether
Concen: 41.560 ng
RT: 7.705 min Scan# 752
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion: 93 Resp: 6635
Ion Ratio Lower Upper
93 100
63 84.6 62.3 102.3
95 33.3 12.0 52.0

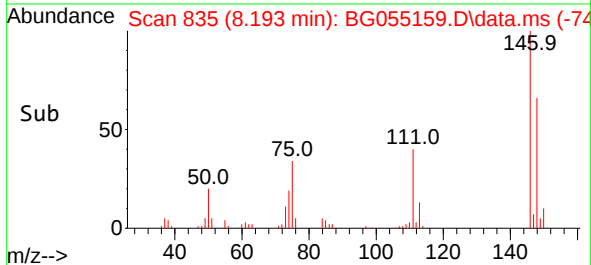
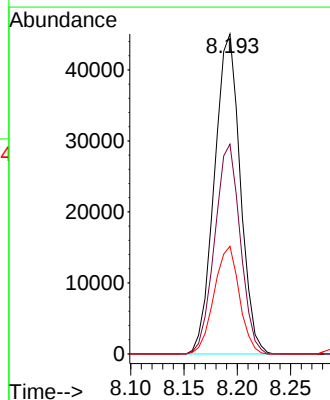
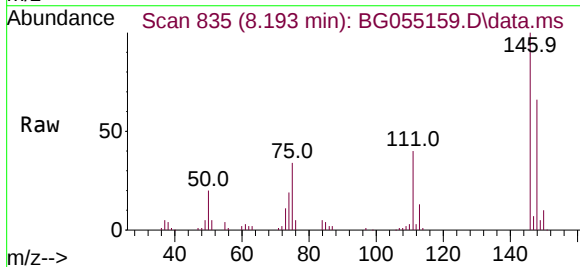
Manual Integrations
APPROVED

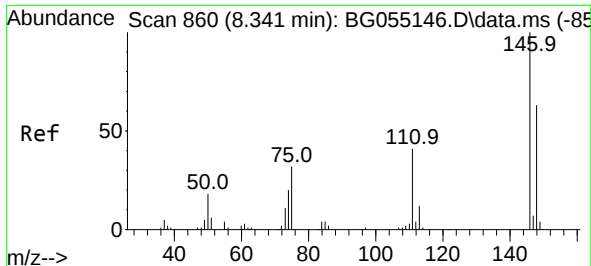
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#12
1,3-Dichlorobenzene
Concen: 39.066 ng
RT: 8.193 min Scan# 835
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:146 Resp: 76048
Ion Ratio Lower Upper
146 100
148 65.5 49.6 74.4
75 33.6 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 39.760 ng

RT: 8.340 min Scan# 860

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

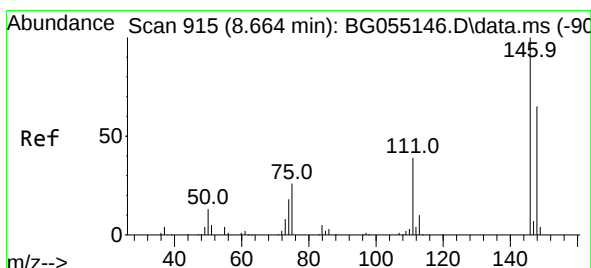
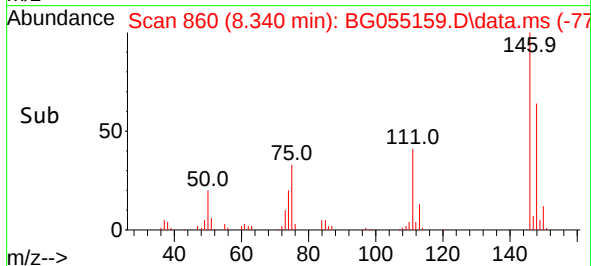
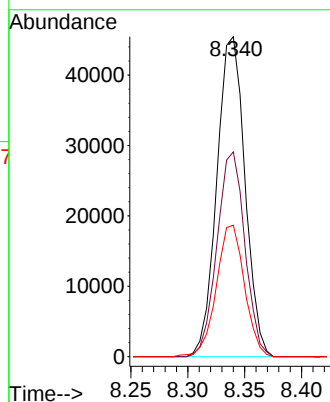
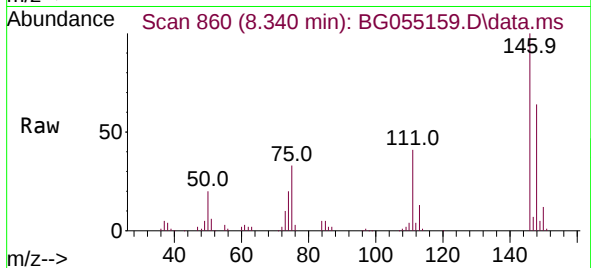
PB148265BS

Tgt Ion:146 Resp: 78145
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 41.1 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#14

1,2-Dichlorobenzene

Concen: 40.872 ng

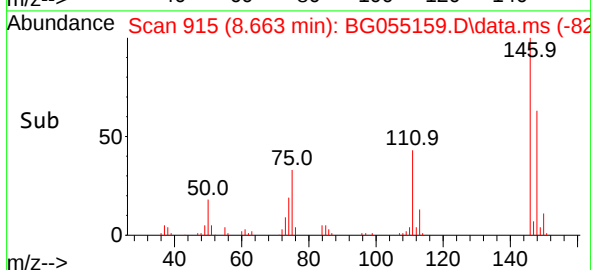
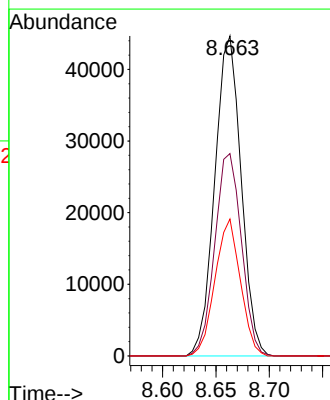
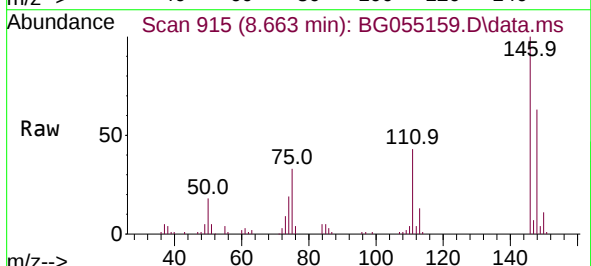
RT: 8.663 min Scan# 915

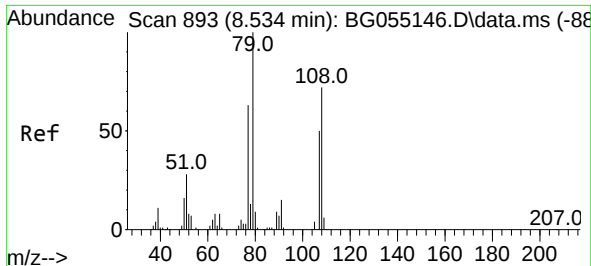
Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

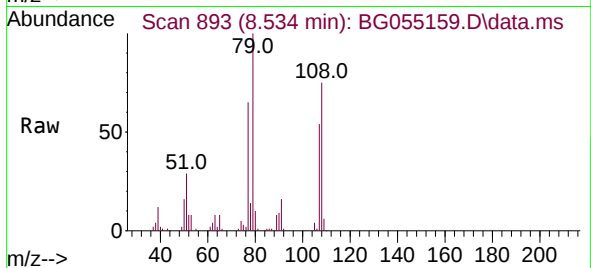
Tgt Ion:146 Resp: 76928
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.7 77.5
 111 42.8 32.1 48.1





#15
Benzyl Alcohol
Concen: 44.693 ng
RT: 8.534 min Scan# 893
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

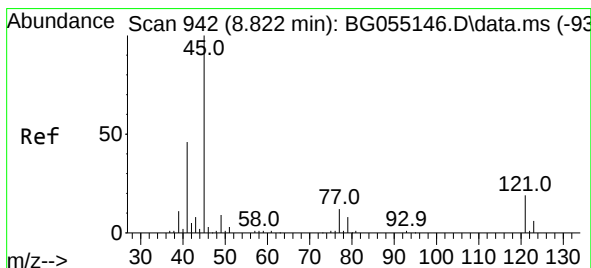
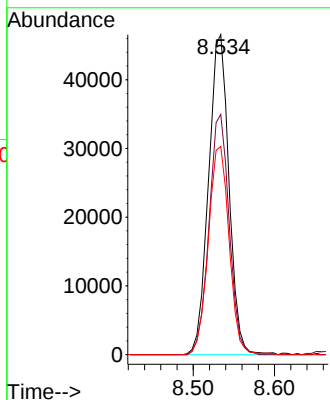
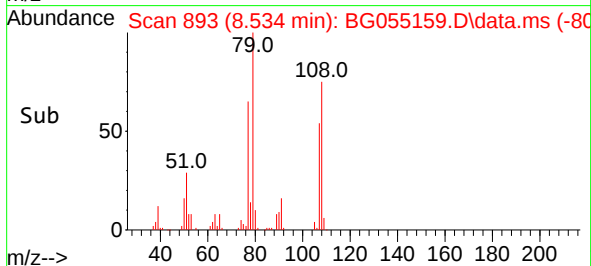
Instrument :
BNA_G
ClientSampleId :
PB148265BS



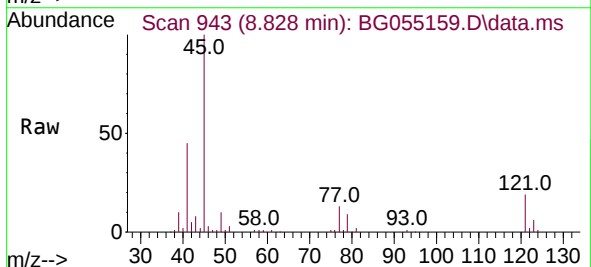
Tgt Ion: 79 Resp: 81180
Ion Ratio Lower Upper
79 100
108 75.0 58.0 87.0
77 65.1 50.6 75.8

Manual Integrations
APPROVED

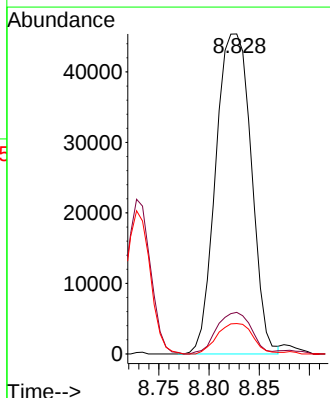
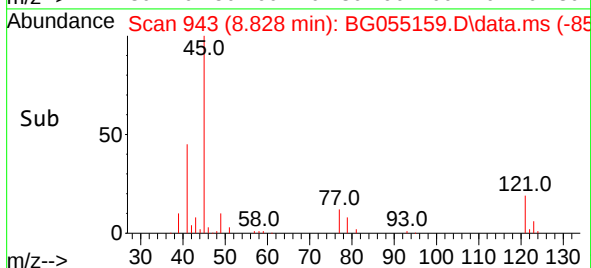
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

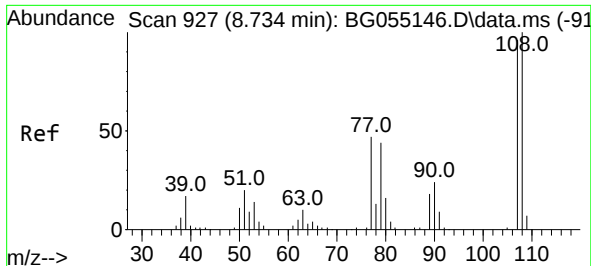


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.763 ng
RT: 8.828 min Scan# 943
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion: 45 Resp: 111464
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 9.5 0.0 28.6





#17
2-Methylphenol
Concen: 45.006 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

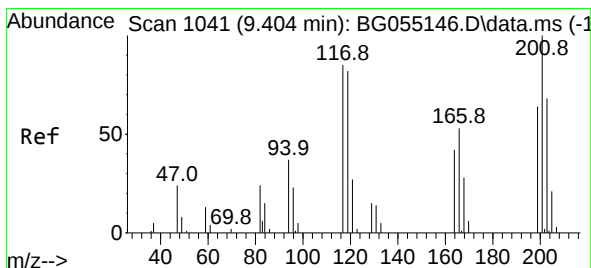
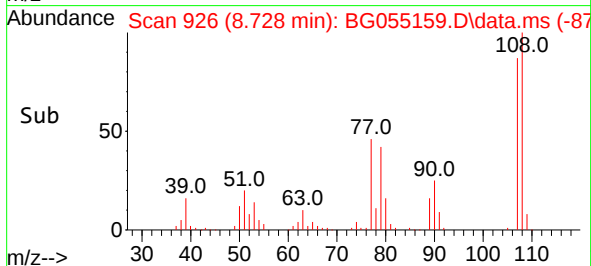
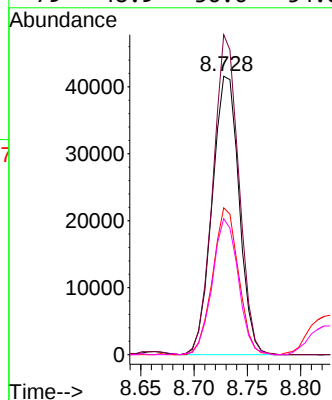
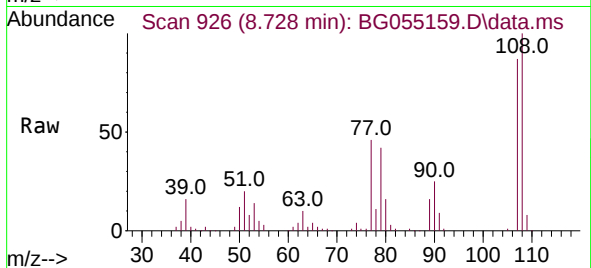
PB148265BS

Tgt Ion:107 Resp: 73093
Ion Ratio Lower Upper
107 100
108 115.0 83.4 125.0
77 52.8 39.0 58.6
79 48.9 36.6 54.8

Manual Integrations

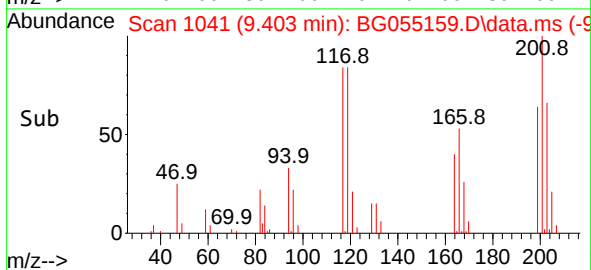
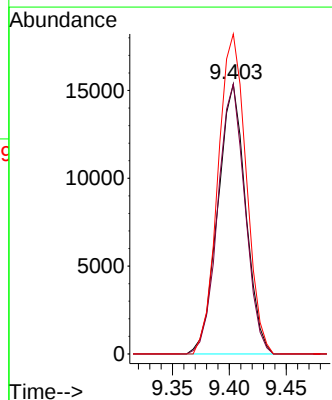
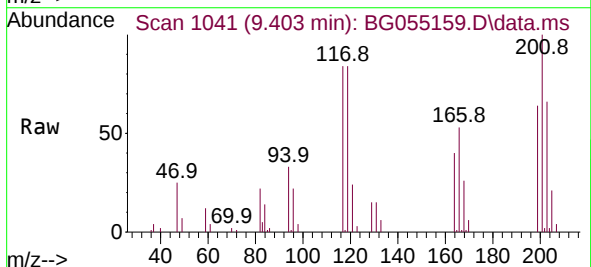
APPROVED

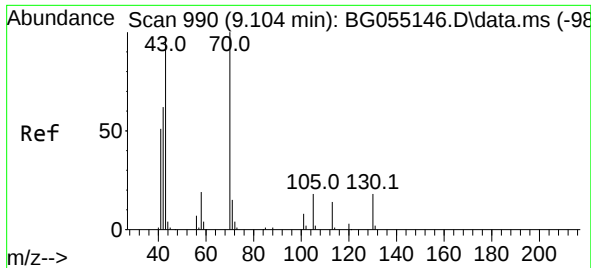
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#18
Hexachloroethane
Concen: 39.067 ng
RT: 9.403 min Scan# 1041
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

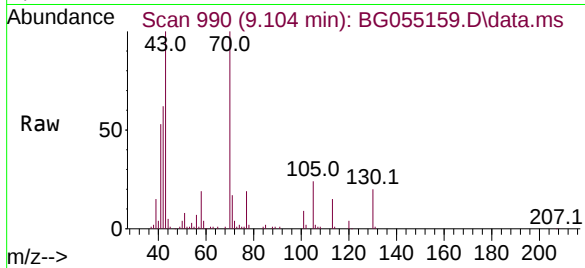
Tgt Ion:117 Resp: 26029
Ion Ratio Lower Upper
117 100
119 98.5 76.8 115.2
201 116.8 93.8 140.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.628 ng
RT: 9.104 min Scan# 990
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

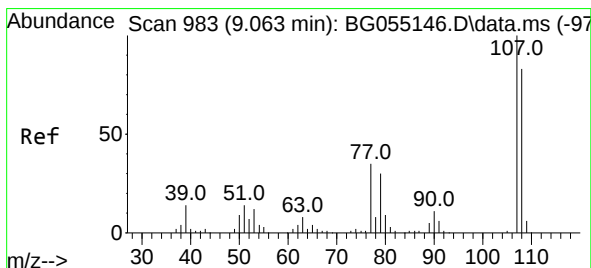
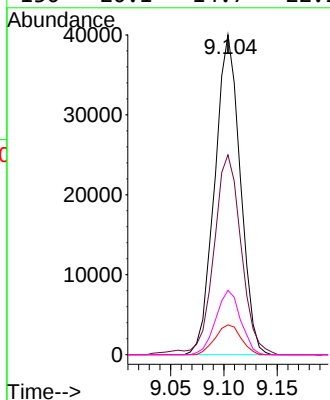
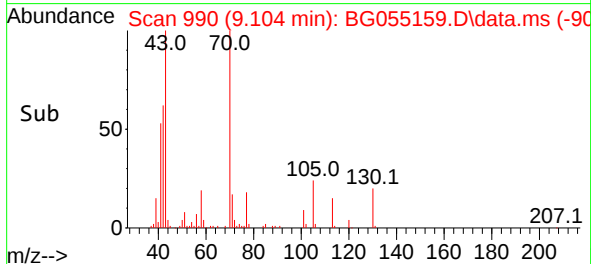
Instrument :
BNA_G
ClientSampleId :
PB148265BS



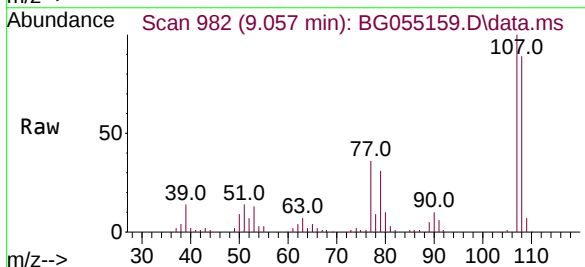
Tgt Ion: 70 Resp: 66619
Ion Ratio Lower Upper
70 100
42 62.4 50.1 75.1
101 9.3 6.6 10.0
130 20.1 14.7 22.1

Manual Integrations
APPROVED

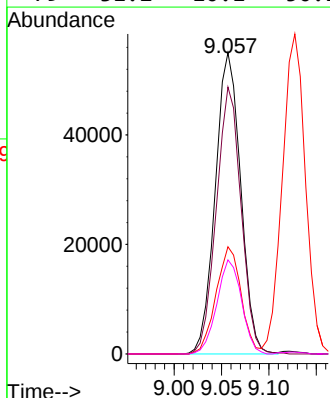
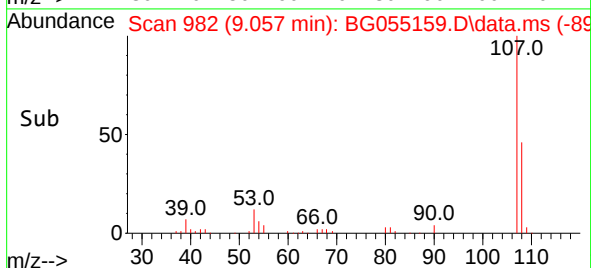
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

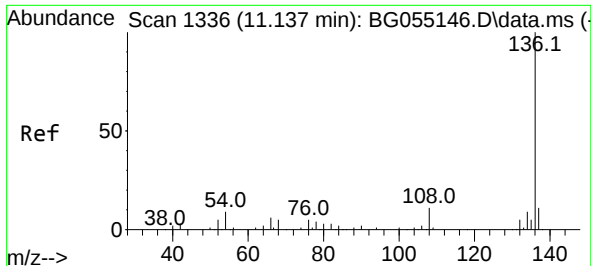


#20
3+4-Methylphenols
Concen: 43.932 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:107 Resp: 102370
Ion Ratio Lower Upper
107 100
108 88.6 63.1 103.1
77 35.6 15.1 55.1
79 31.2 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

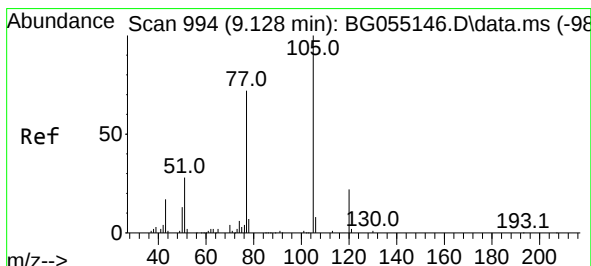
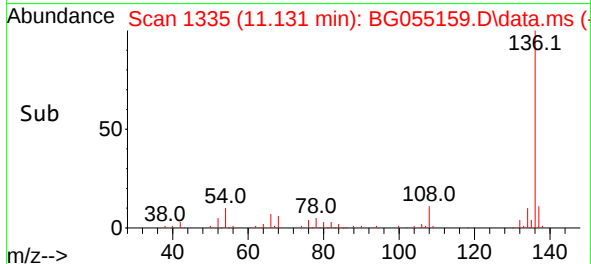
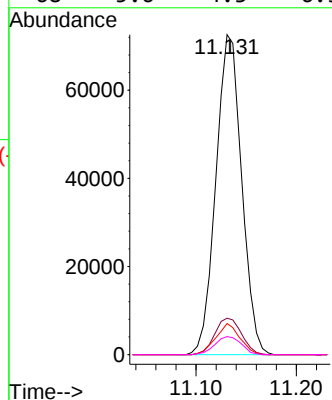
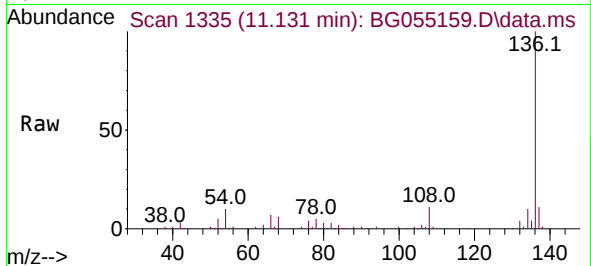
PB148265BS

Tgt Ion:136 Resp: 129666
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.7 7.0 10.6
68 5.6 4.3 6.5

Manual Integrations

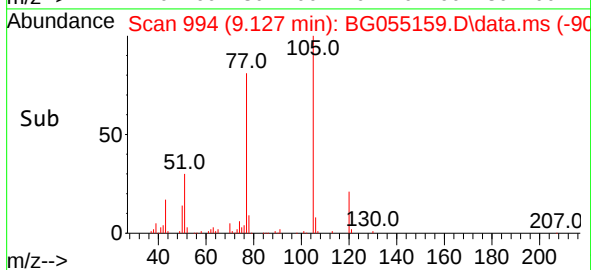
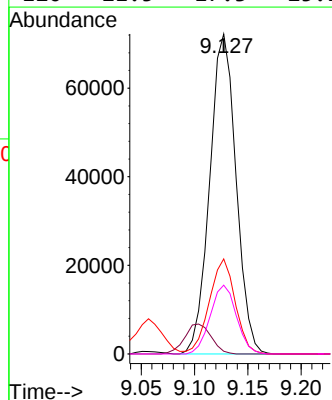
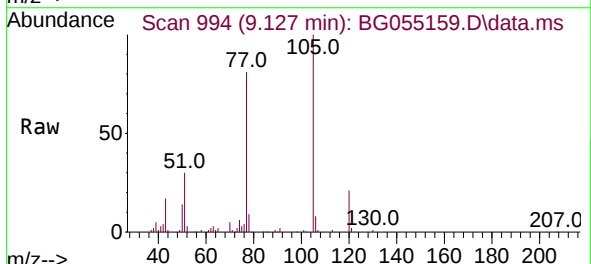
APPROVED

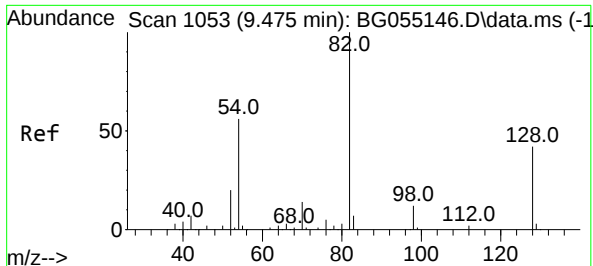
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#22
Acetophenone
Concen: 38.681 ng
RT: 9.127 min Scan# 994
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:105 Resp: 124185
Ion Ratio Lower Upper
105 100
71 0.8 1.3 1.9#
51 29.7 23.8 35.6
120 21.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.663 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion: 82 Resp: 185375

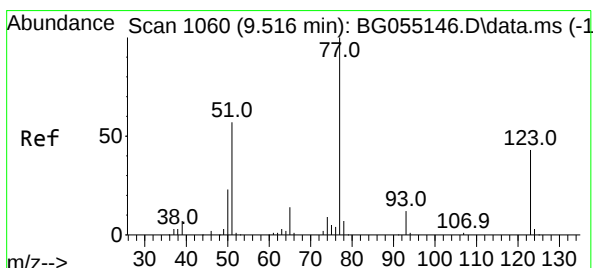
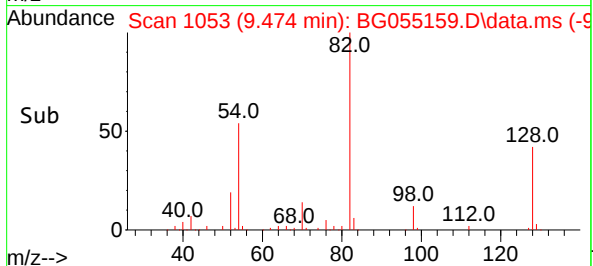
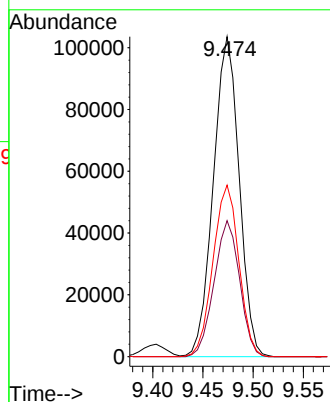
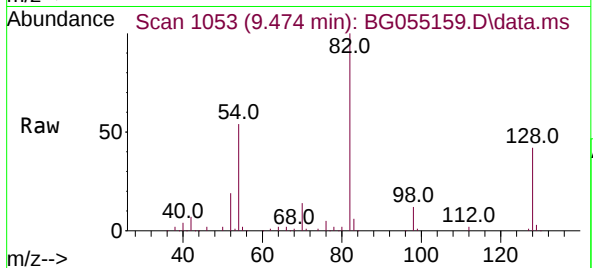
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.5	50.3
54	53.6	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#24

Nitrobenzene

Concen: 37.601 ng

RT: 9.515 min Scan# 1060

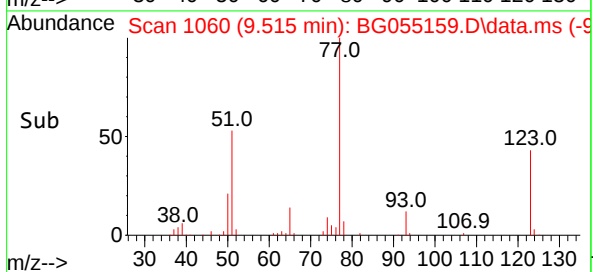
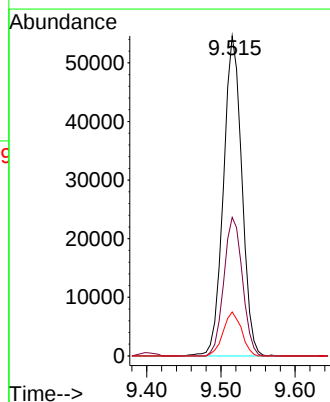
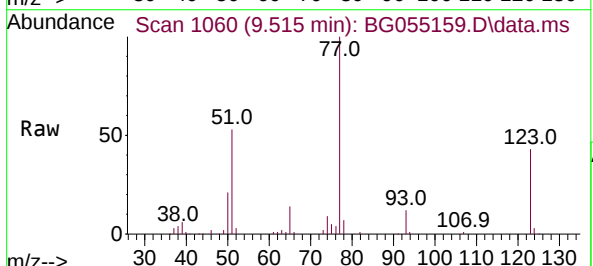
Delta R.T. -0.001 min

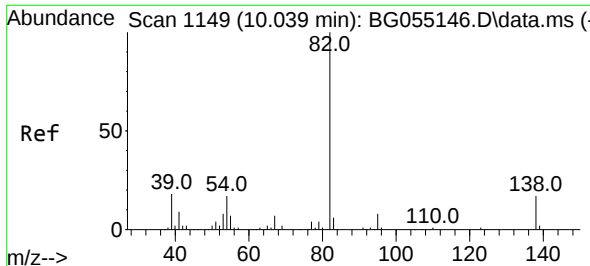
Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Tgt Ion: 77 Resp: 94064

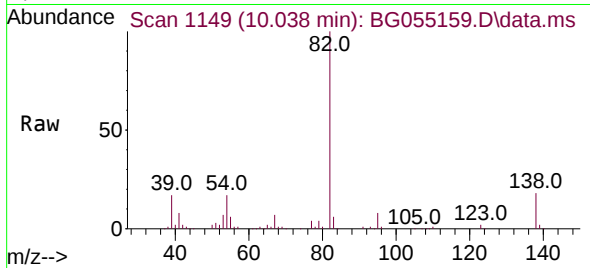
Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.2	51.4
65	13.7	11.4	17.0





#25
Isophorone
Concen: 40.631 ng
RT: 10.038 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

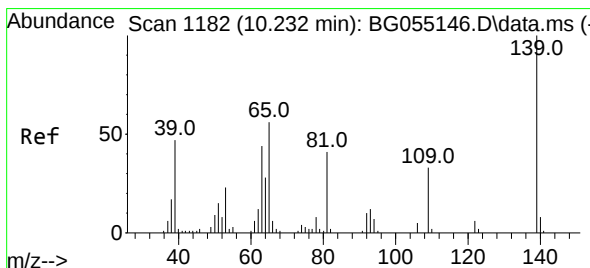
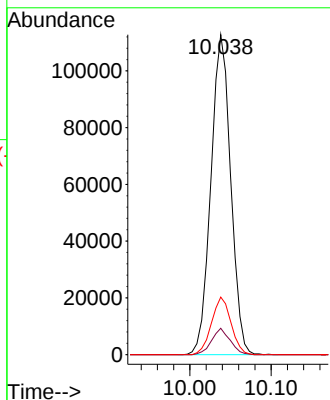
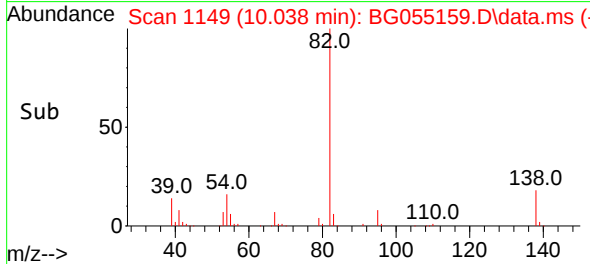
Instrument :
BNA_G
ClientSampleId :
PB148265BS



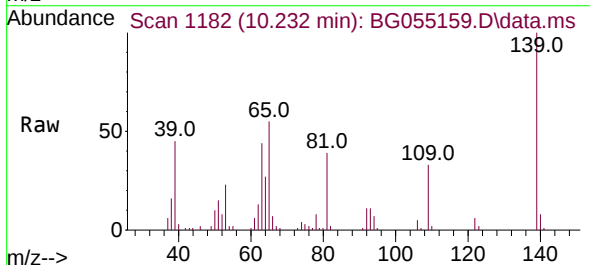
Tgt Ion: 82 Resp: 190798
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.0 13.8 20.6

Manual Integrations
APPROVED

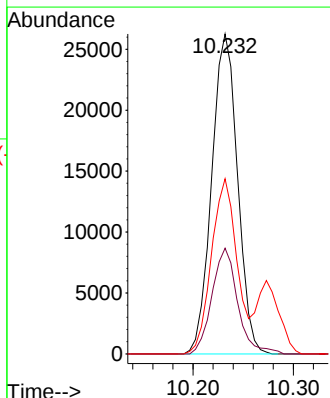
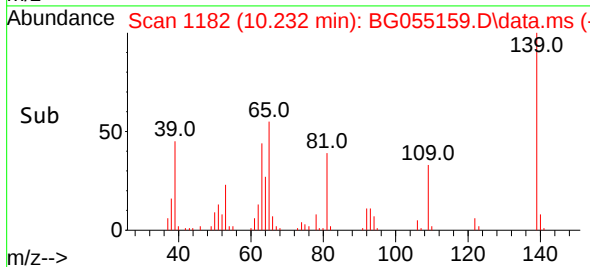
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

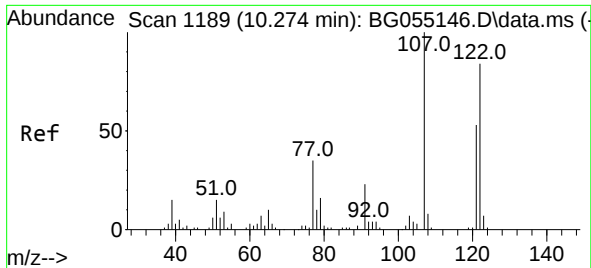


#26
2-Nitrophenol
Concen: 39.637 ng
RT: 10.232 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:139 Resp: 46980
Ion Ratio Lower Upper
139 100
109 33.0 26.5 39.7
65 54.7 44.4 66.6





#27
2,4-Dimethylphenol
Concen: 47.858 ng
RT: 10.273 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

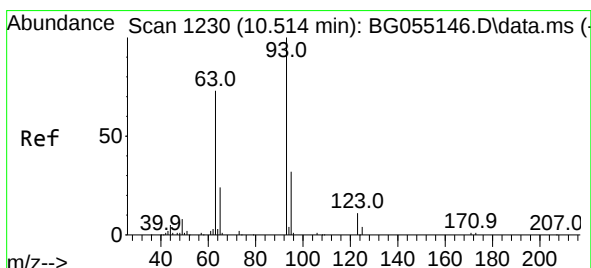
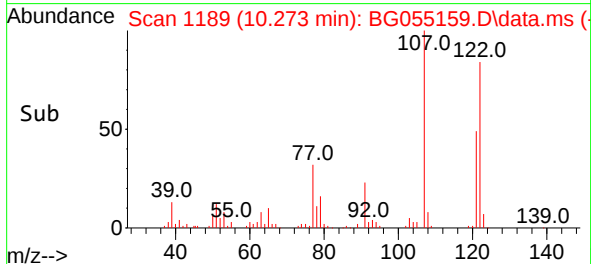
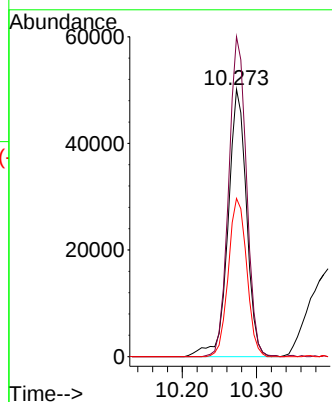
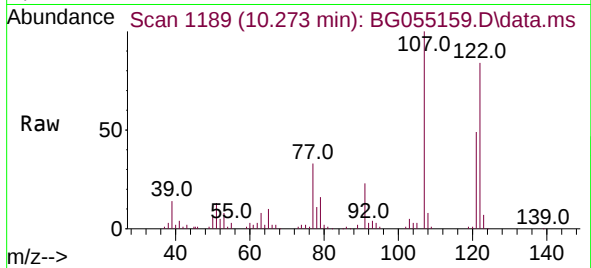
PB148265BS

Tgt Ion:122 Resp: 8626
Ion Ratio Lower Upper
122 100
107 119.7 95.3 142.9
121 59.2 50.4 75.6

Manual Integrations

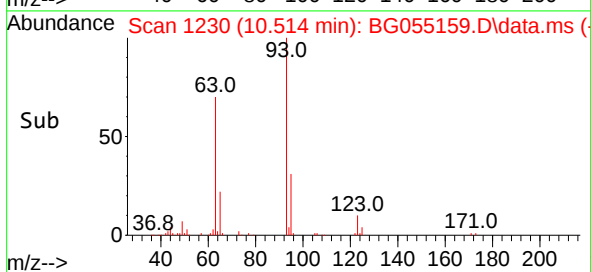
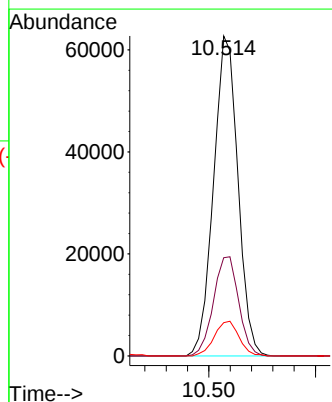
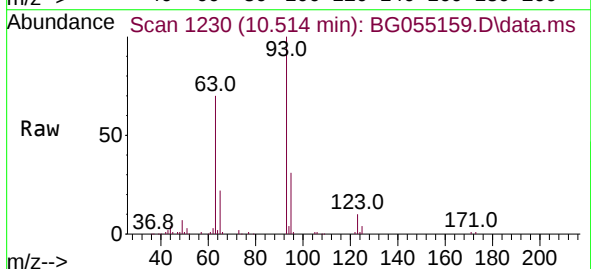
APPROVED

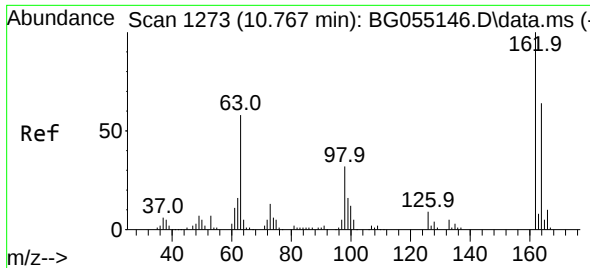
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.776 ng
RT: 10.514 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 93 Resp: 99548
Ion Ratio Lower Upper
93 100
95 30.7 26.0 39.0
123 10.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 41.084 ng

RT: 10.767 min Scan# 1273

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

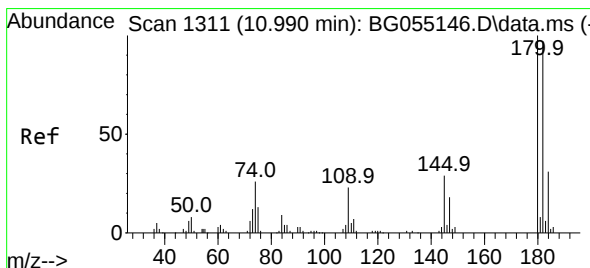
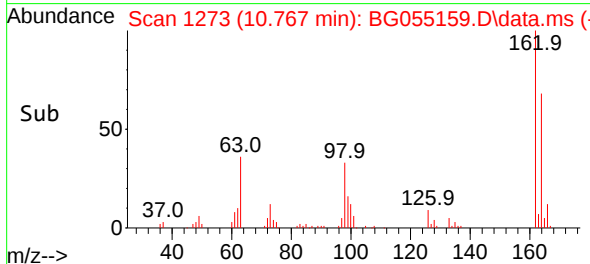
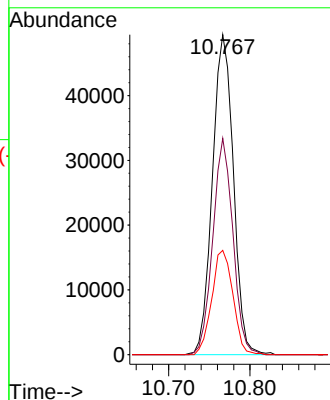
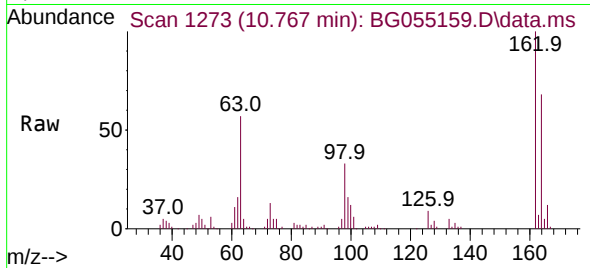
Tgt Ion:162	Resp:	88510
Ion Ratio	Lower	Upper
162	100	
164	67.6	43.6 83.6
98	32.6	12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 35.853 ng

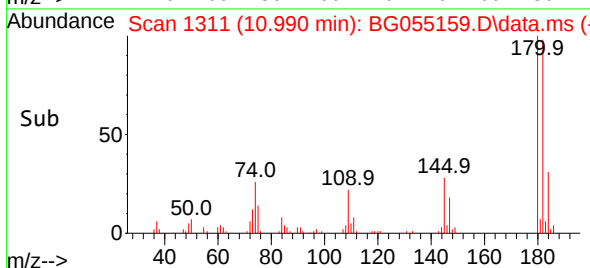
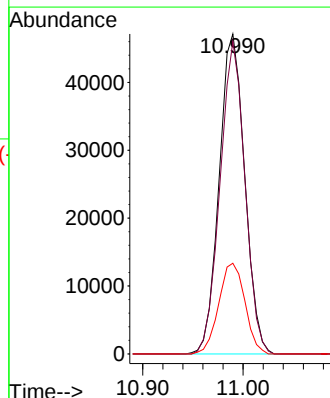
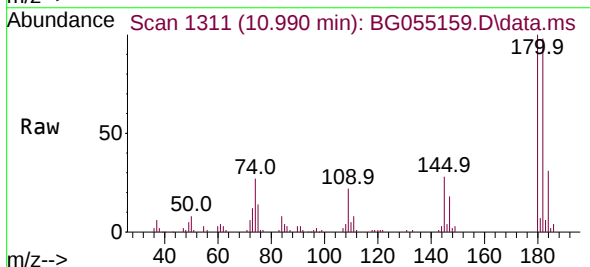
RT: 10.990 min Scan# 1311

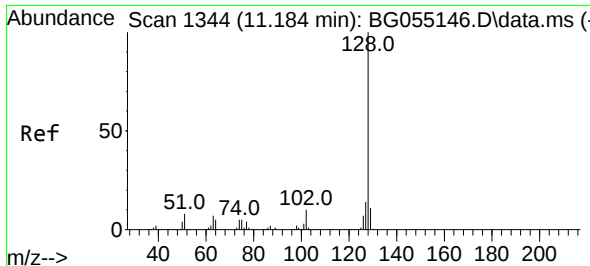
Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

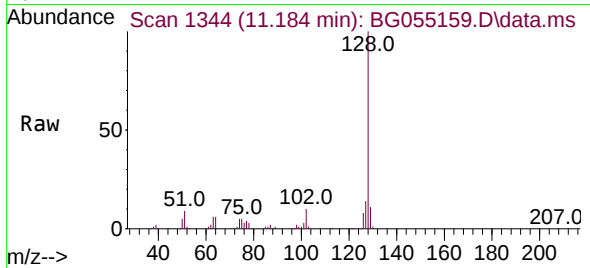
Tgt Ion:180	Resp:	83320
Ion Ratio	Lower	Upper
180	100	
182	97.6	77.2 115.8
145	28.3	22.8 34.2





#31
Naphthalene
Concen: 37.229 ng
RT: 11.184 min Scan# 1344
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

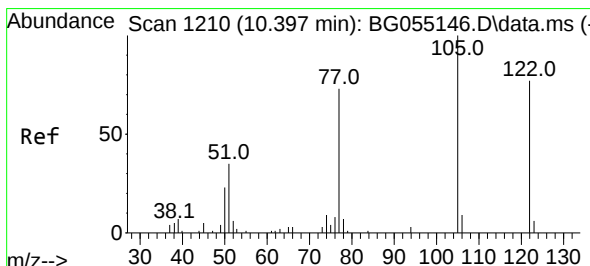
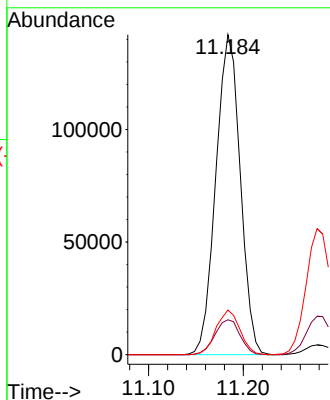
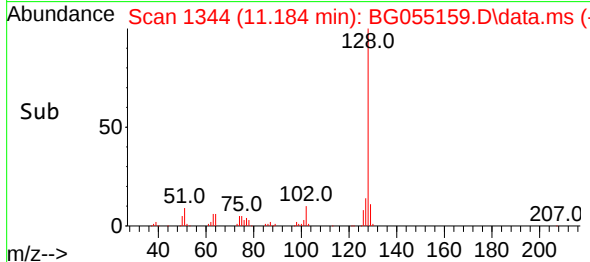
Instrument :
BNA_G
ClientSampleId :
PB148265BS



Tgt Ion:128 Resp: 253874
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.9 11.1 16.7

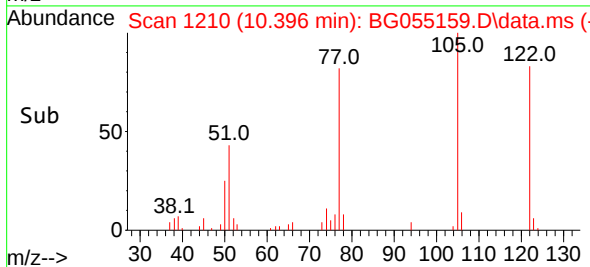
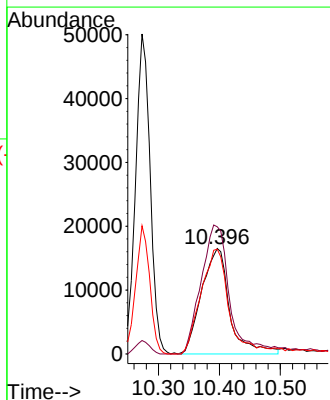
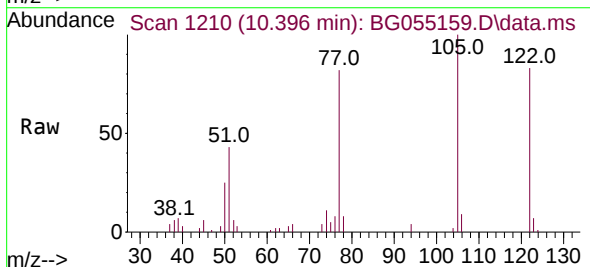
Manual Integrations
APPROVED

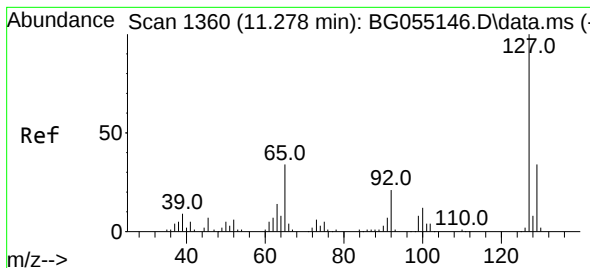
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#32
Benzoic acid
Concen: 35.526 ng
RT: 10.396 min Scan# 1210
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:122 Resp: 52977
Ion Ratio Lower Upper
122 100
105 120.7 107.2 147.2
77 99.4 74.2 114.2





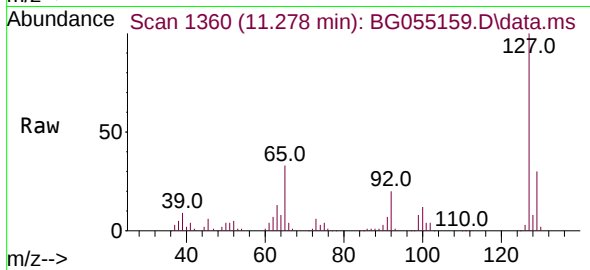
#33
4-Chloroaniline
Concen: 34.781 ng
RT: 11.278 min Scan# 1360
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

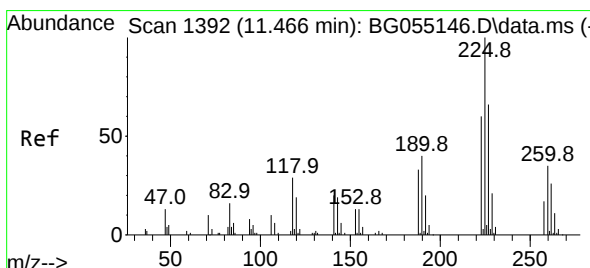
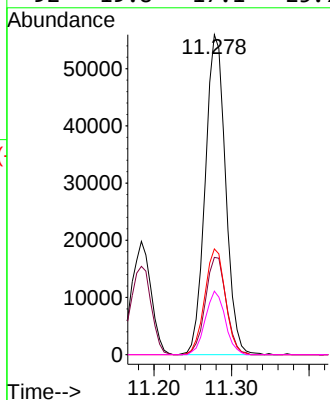
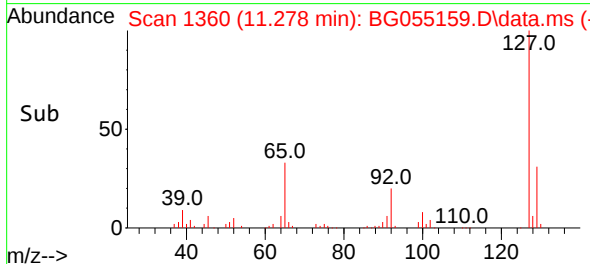


Tgt Ion:127 Resp: 101950
Ion Ratio Lower Upper
127 100
129 30.4 27.0 40.4
65 33.0 27.4 41.2
92 19.8 17.1 25.7

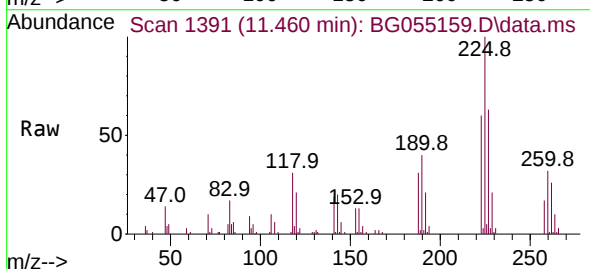
Manual Integrations

APPROVED

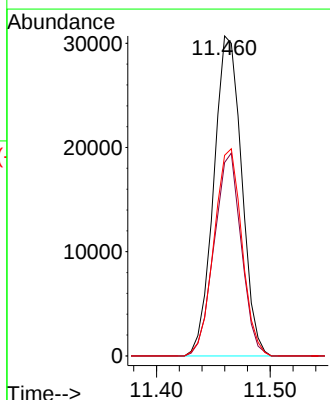
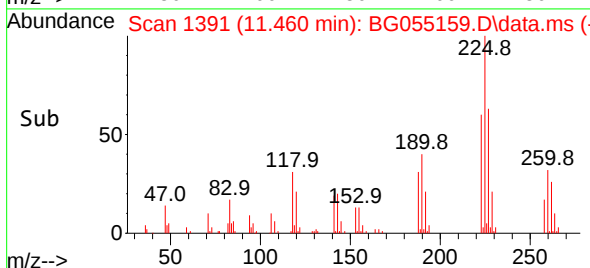
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

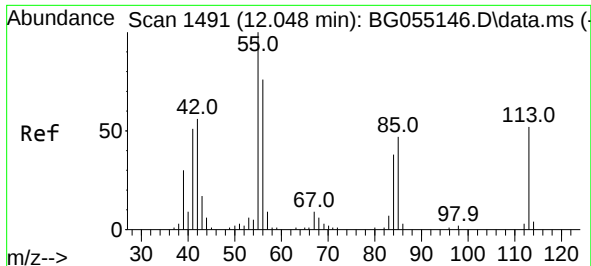


#34
Hexachlorobutadiene
Concen: 35.344 ng
RT: 11.460 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:225 Resp: 52372
Ion Ratio Lower Upper
225 100
223 60.4 48.2 72.4
227 62.7 52.5 78.7





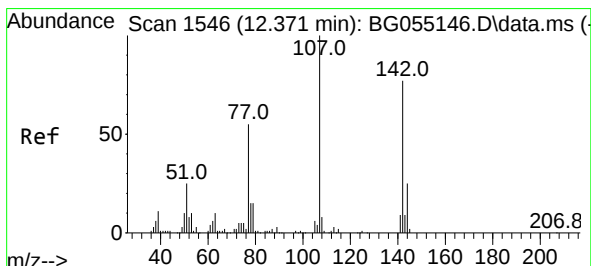
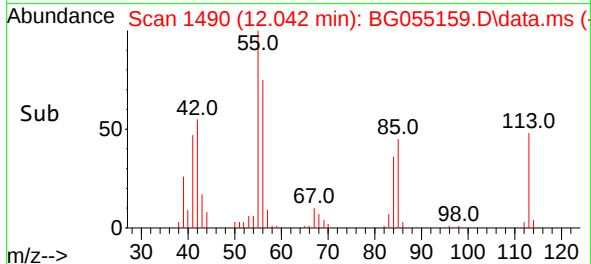
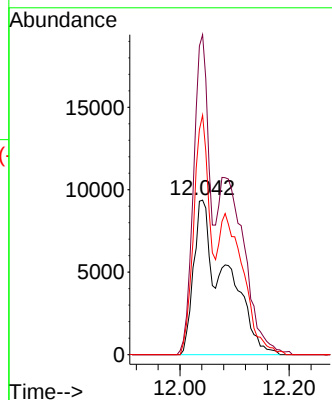
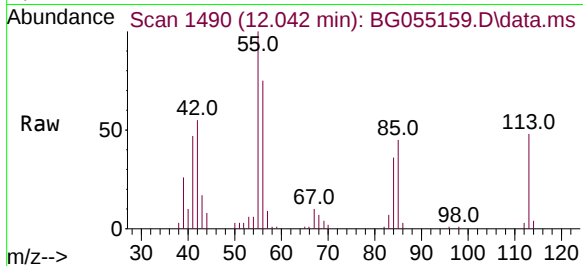
#35
Caprolactam
Concen: 43.036 ng m
RT: 12.042 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion:113 Resp: 38088
Ion Ratio Lower Upper
113 100
55 207.1 172.1 212.1
56 155.0 126.0 166.0

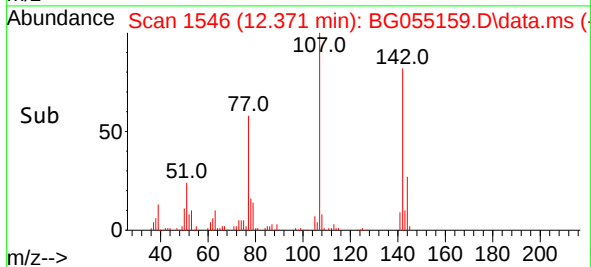
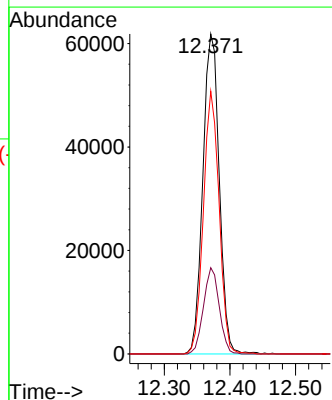
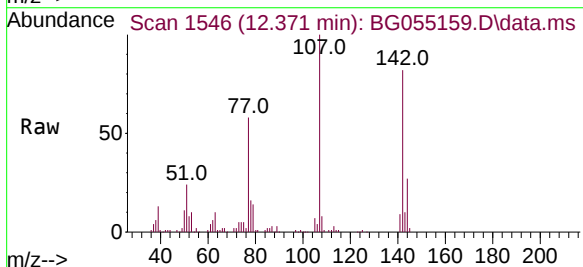
Manual Integrations
APPROVED

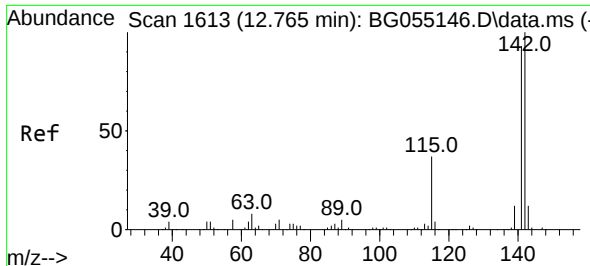
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#36
4-Chloro-3-methylphenol
Concen: 44.085 ng
RT: 12.371 min Scan# 1546
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:107 Resp: 107103
Ion Ratio Lower Upper
107 100
144 26.9 19.8 29.8
142 82.1 61.9 92.9





#37
2-Methylnaphthalene
Concen: 38.172 ng
RT: 12.764 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

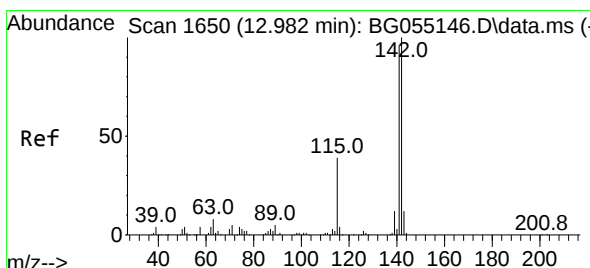
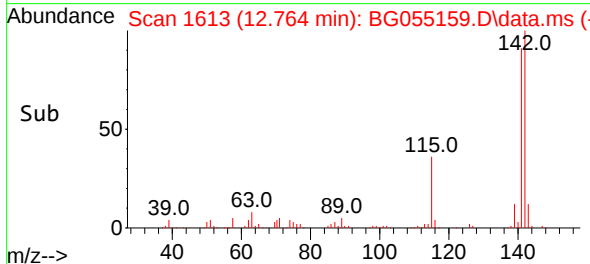
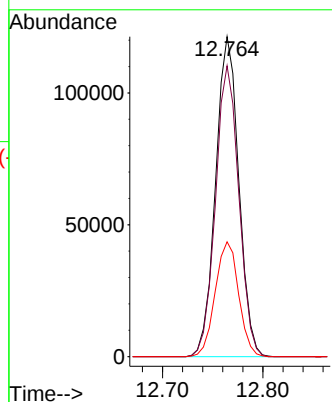
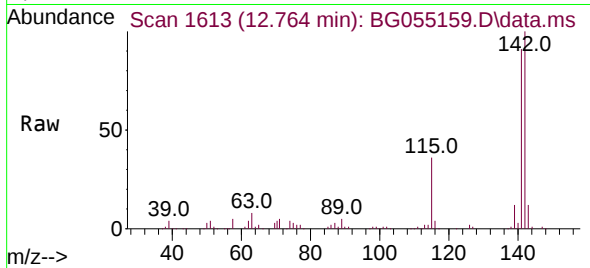
PB148265BS

Tgt Ion:142 Resp: 194925
Ion Ratio Lower Upper
142 100
141 90.9 74.8 112.2
115 35.9 29.8 44.6

Manual Integrations

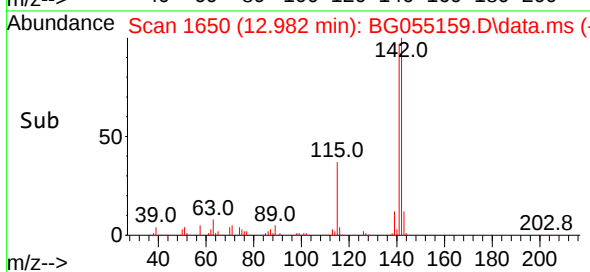
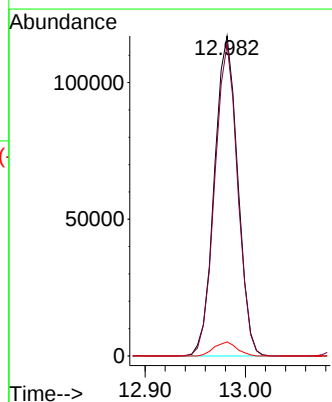
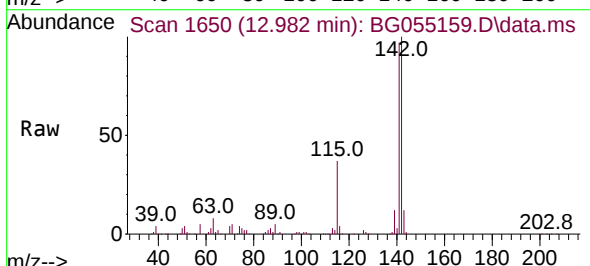
APPROVED

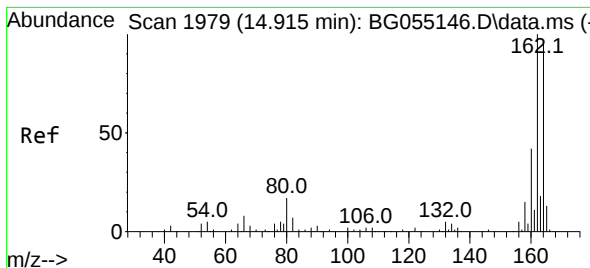
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#38
1-Methylnaphthalene
Concen: 37.914 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:142 Resp: 188895
Ion Ratio Lower Upper
142 100
141 97.4 76.9 115.3
116 4.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.001 min

Lab File: BG055159.D

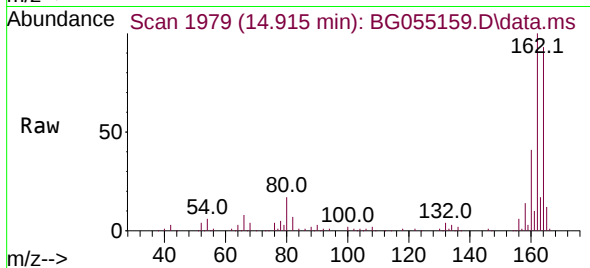
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS



Tgt Ion:164 Resp: 109473

Ion Ratio Lower Upper

164 100

162 107.9 83.3 124.9

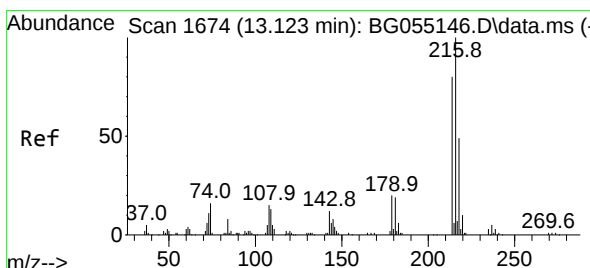
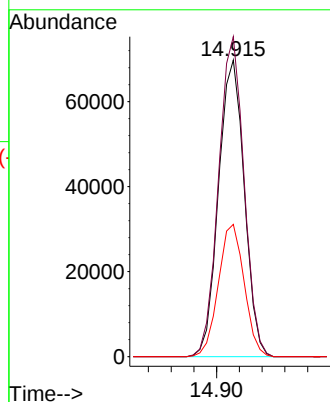
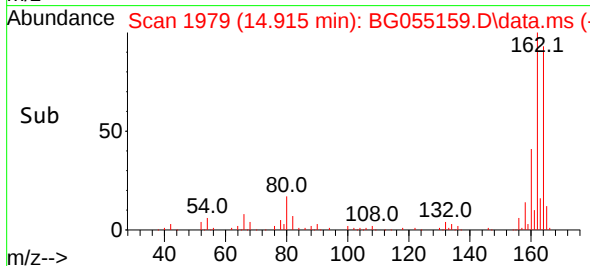
160 44.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.836 ng

RT: 13.123 min Scan# 1674

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Tgt Ion:216 Resp: 110650

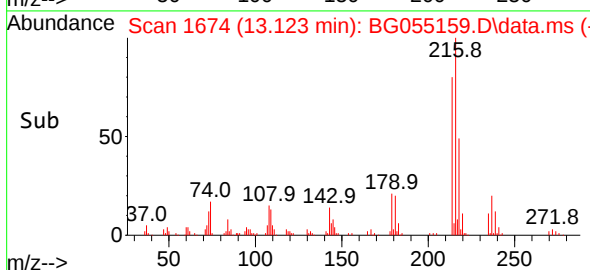
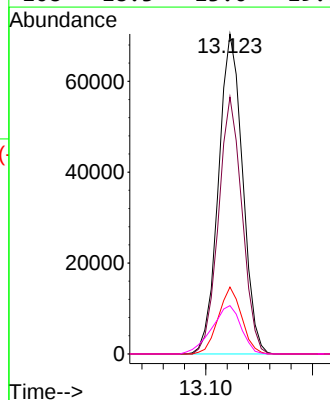
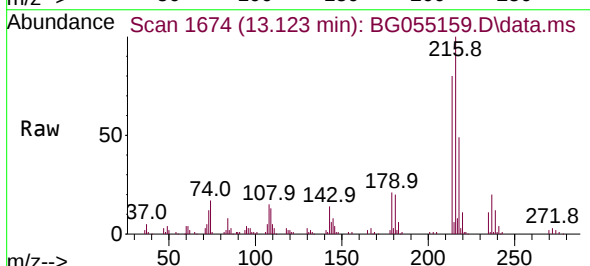
Ion Ratio Lower Upper

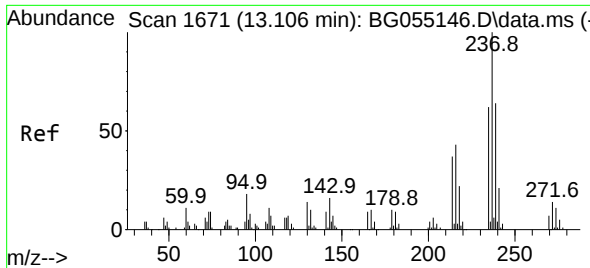
216 100

214 78.4 63.1 94.7

179 20.2 16.1 24.1

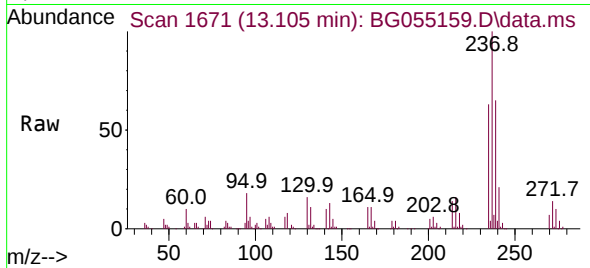
108 18.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 88.986 ng
RT: 13.105 min Scan# 1671
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

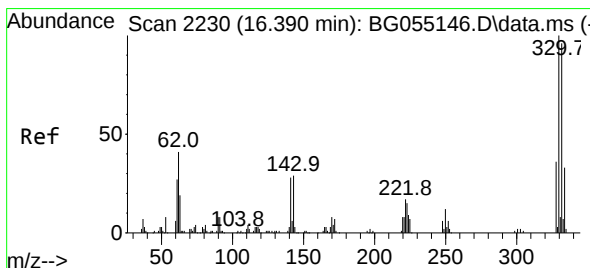
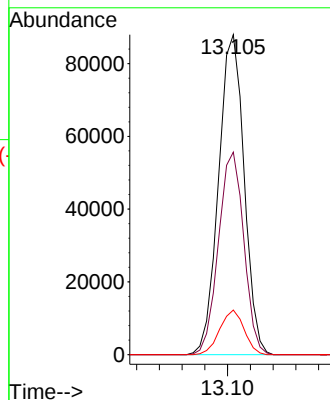
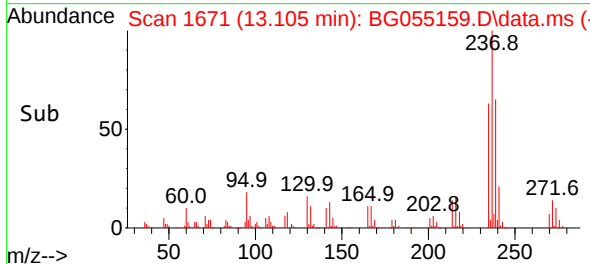
Instrument :
BNA_G
ClientSampleId :
PB148265BS



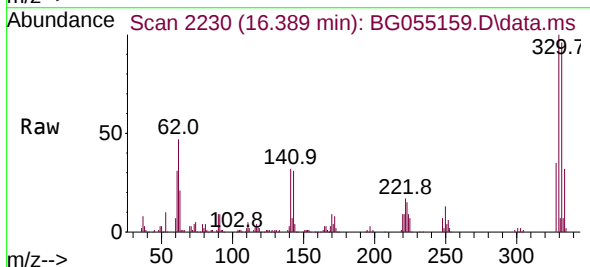
Tgt Ion:237 Resp: 137289
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 13.9 0.0 34.3

Manual Integrations
APPROVED

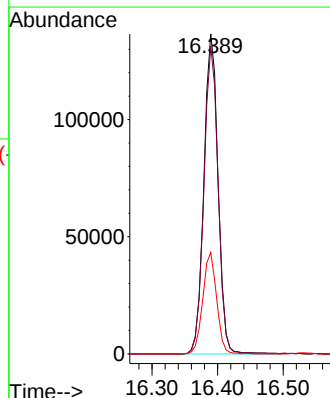
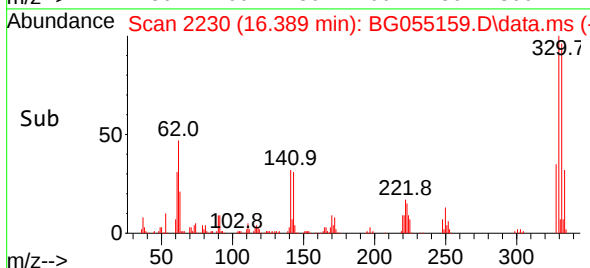
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

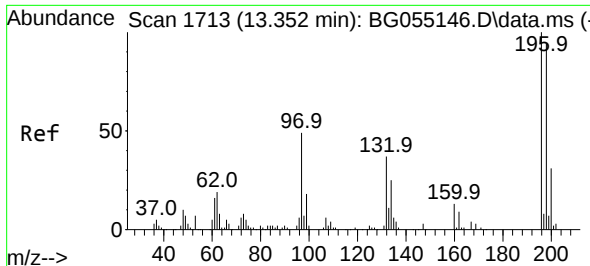


#42
2,4,6-Tribromophenol
Concen: 129.285 ng
RT: 16.389 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:330 Resp: 203366
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 31.0 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 37.577 ng
RT: 13.352 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

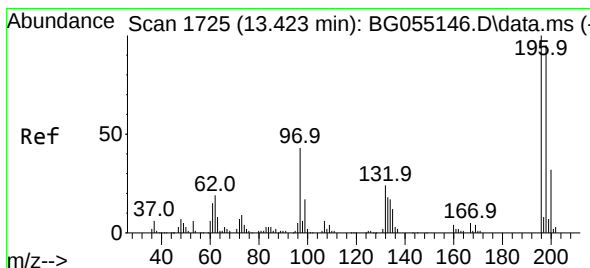
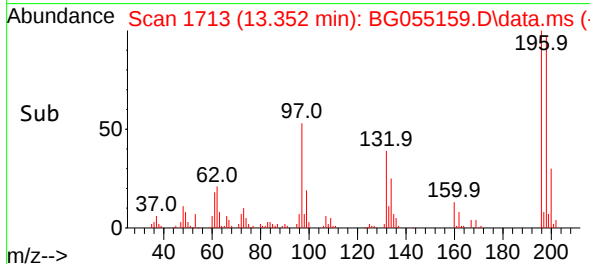
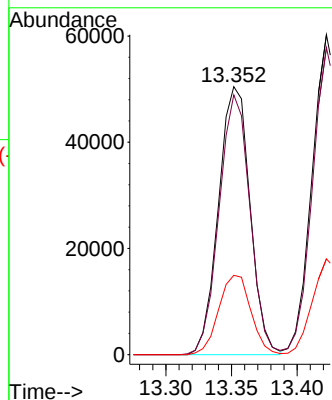
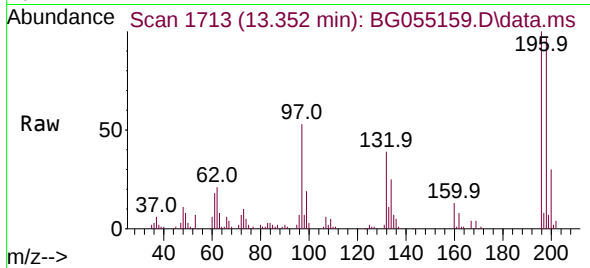
PB148265BS

Tgt Ion:196 Resp: 84331
Ion Ratio Lower Upper
196 100
198 97.0 75.0 112.6
200 29.6 24.5 36.7

Manual Integrations

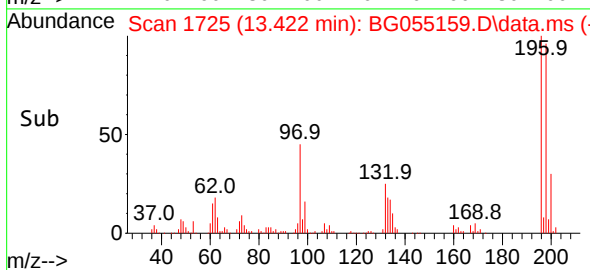
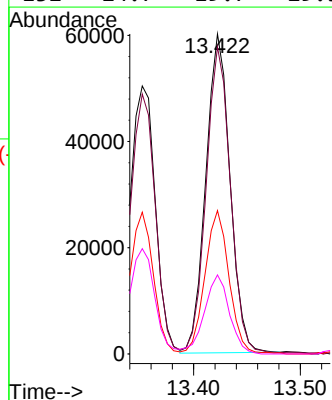
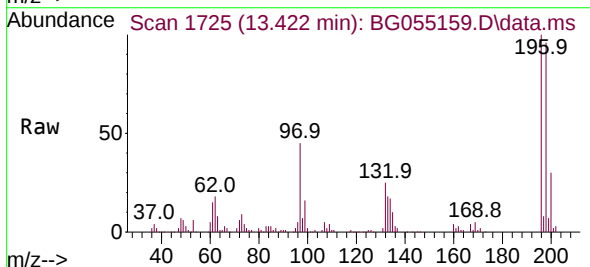
APPROVED

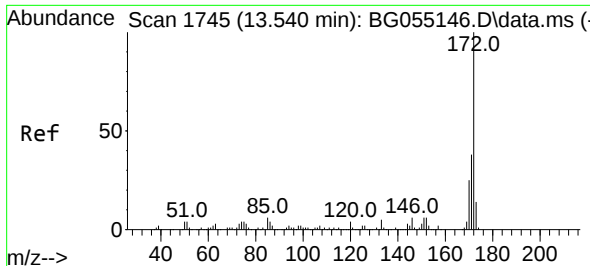
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#44
2,4,5-Trichlorophenol
Concen: 38.127 ng
RT: 13.422 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:196 Resp: 94947
Ion Ratio Lower Upper
196 100
198 95.9 76.0 114.0
97 44.8 34.7 52.1
132 24.7 19.7 29.5





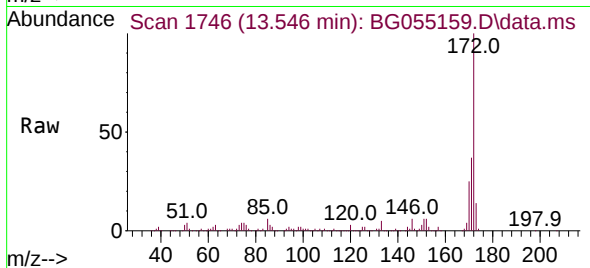
#45
2-Fluorobiphenyl
Concen: 73.412 ng
RT: 13.546 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

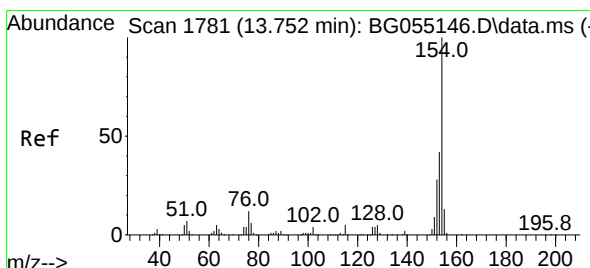
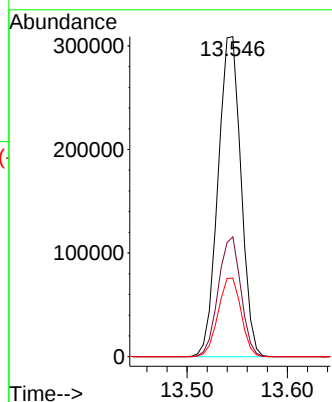
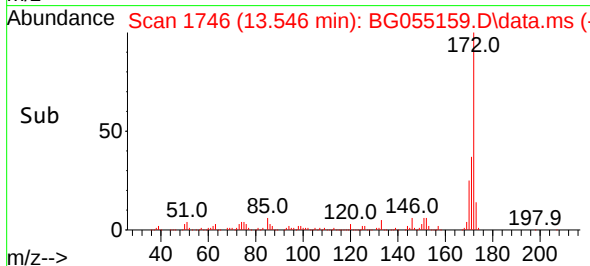


Tgt Ion:172 Resp: 491973
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.5 19.8 29.6

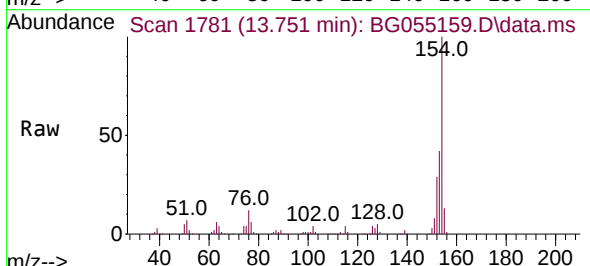
Manual Integrations

APPROVED

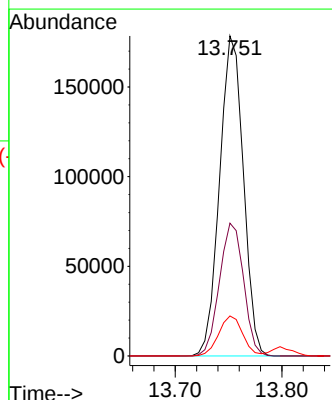
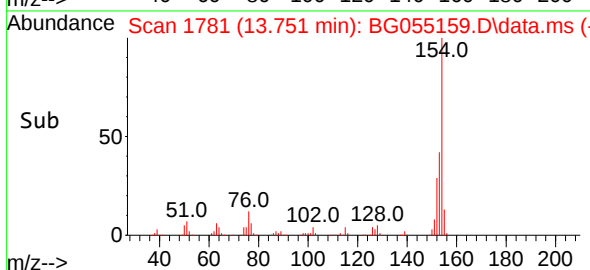
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

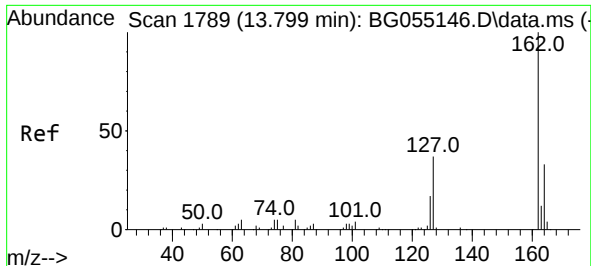


#46
1,1'-Biphenyl
Concen: 38.051 ng
RT: 13.751 min Scan# 1781
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:154 Resp: 276557
Ion Ratio Lower Upper
154 100
153 41.5 22.0 62.0
76 12.5 0.0 32.1





#47

2-Chloronaphthalene

Concen: 36.626 ng

RT: 13.798 min Scan# 1789

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

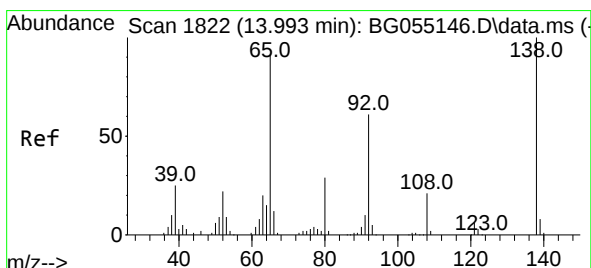
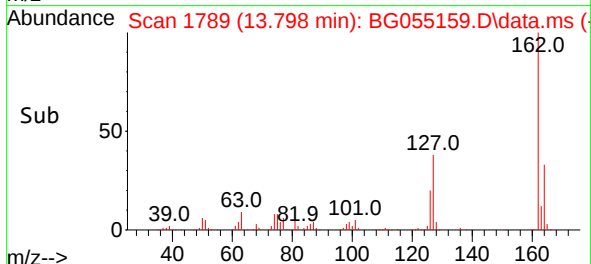
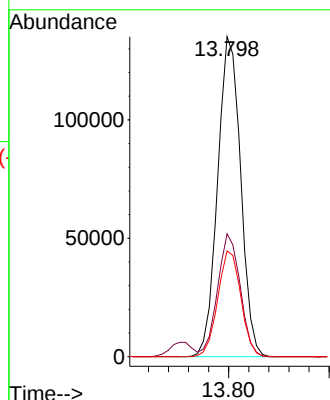
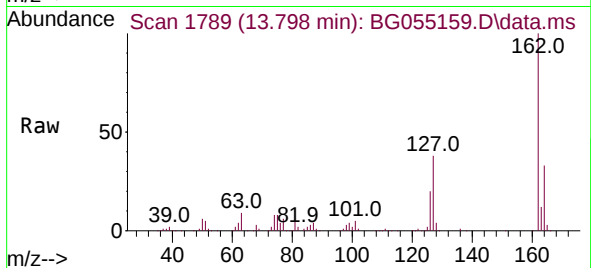
Tgt Ion:162 Resp: 215332

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.4
164	33.0	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#48

2-Nitroaniline

Concen: 38.917 ng

RT: 13.992 min Scan# 1822

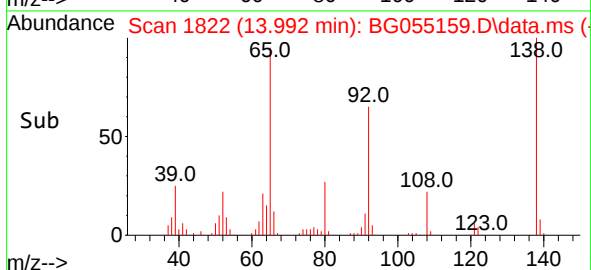
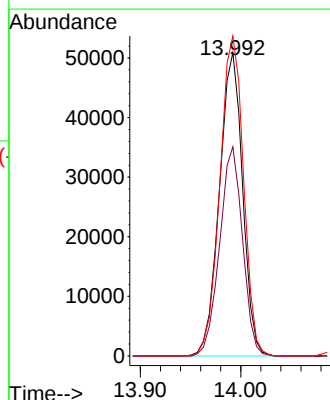
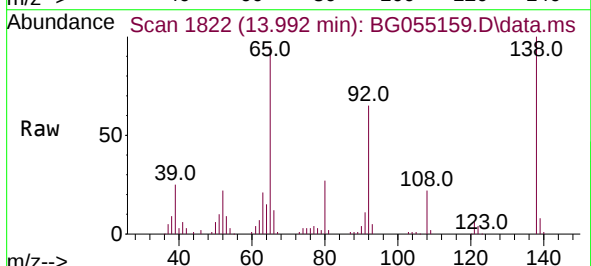
Delta R.T. -0.001 min

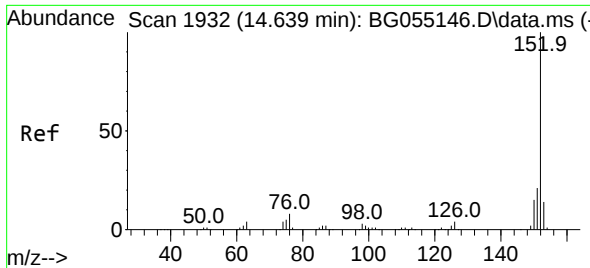
Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Tgt Ion: 65 Resp: 81627

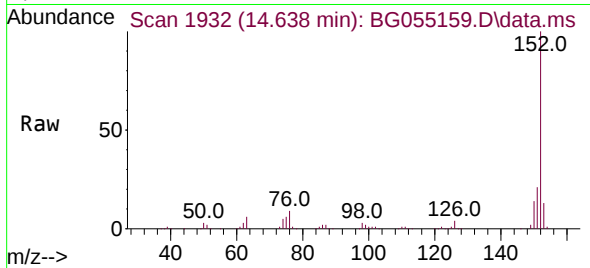
Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.0	79.4
138	105.5	87.5	131.3





#49
Acenaphthylene
Concen: 37.490 ng
RT: 14.638 min Scan# 1932
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

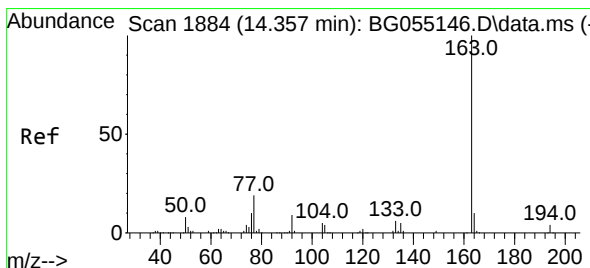
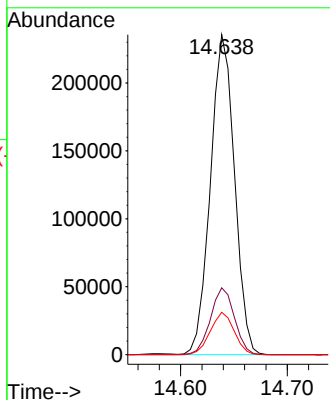
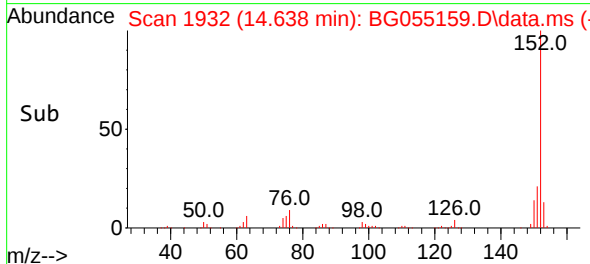
Instrument :
BNA_G
ClientSampleId :
PB148265BS



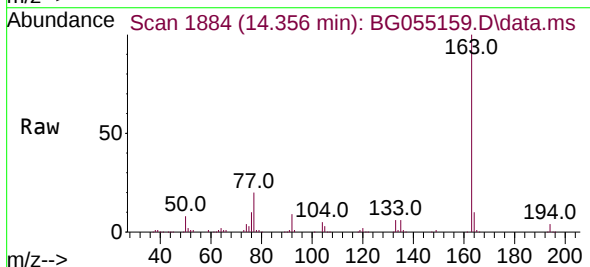
Tgt Ion:152 Resp: 370008
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.2 10.8 16.2

Manual Integrations
APPROVED

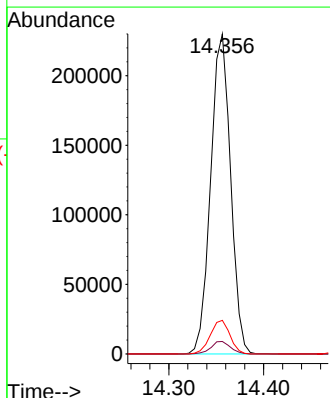
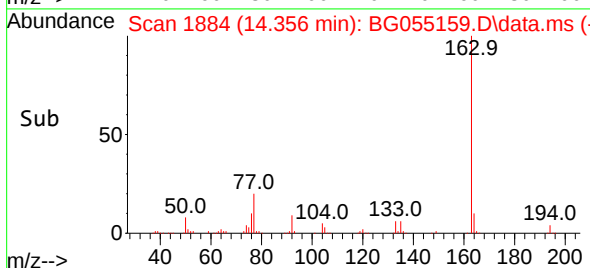
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

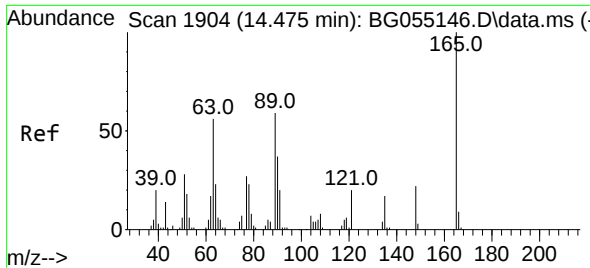


#50
Dimethylphthalate
Concen: 38.139 ng
RT: 14.356 min Scan# 1884
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:163 Resp: 335616
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 40.035 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

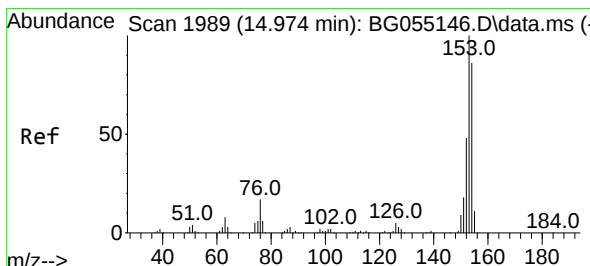
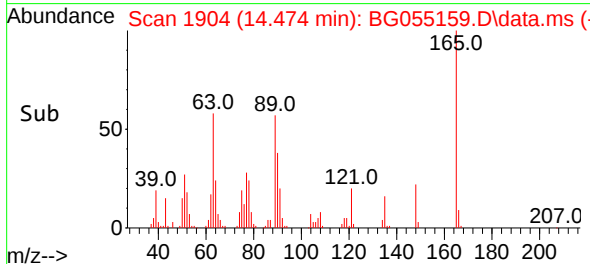
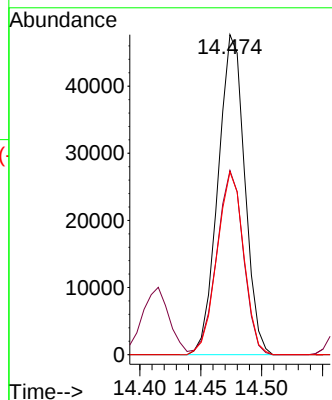
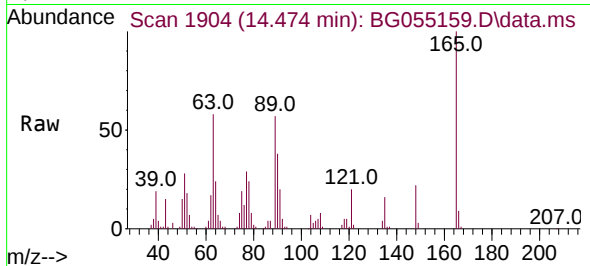
PB148265BS

Tgt Ion:165 Resp: 72499
Ion Ratio Lower Upper
165 100
63 57.5 46.6 70.0
89 57.1 47.6 71.4

Manual Integrations

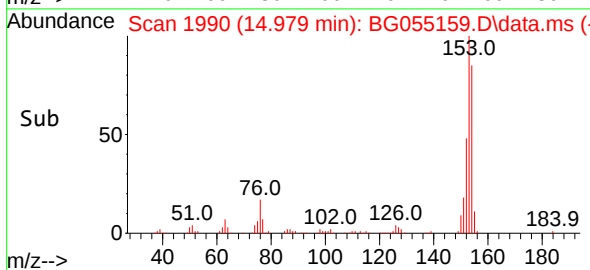
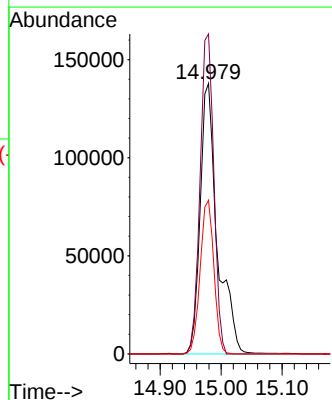
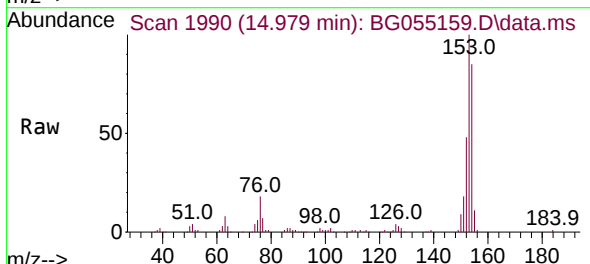
APPROVED

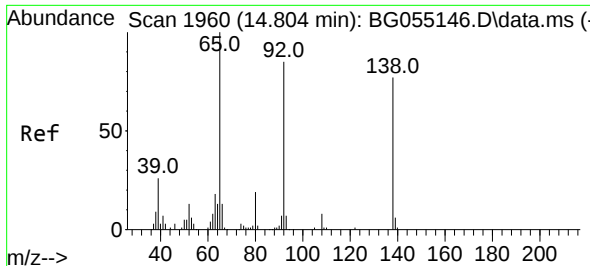
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#52
Acenaphthene
Concen: 42.336 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:154 Resp: 270299
Ion Ratio Lower Upper
154 100
153 118.3 93.0 139.4
152 56.8 44.6 66.8





#53
3-Nitroaniline
Concen: 33.615 ng
RT: 14.803 min Scan# 1960
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

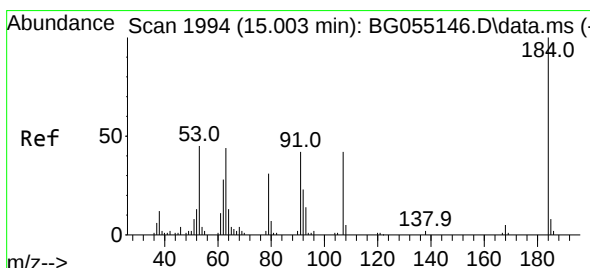
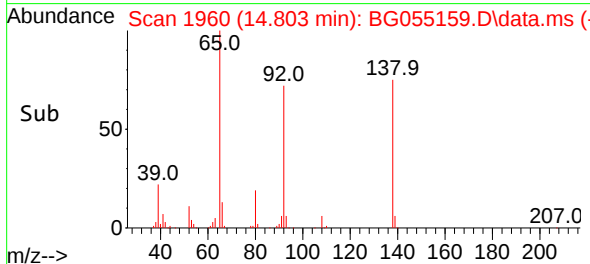
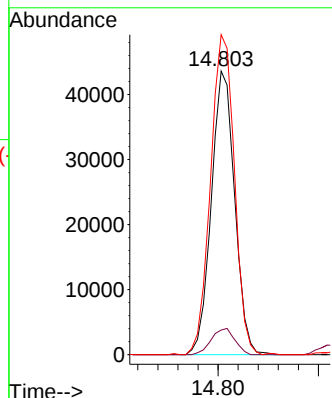
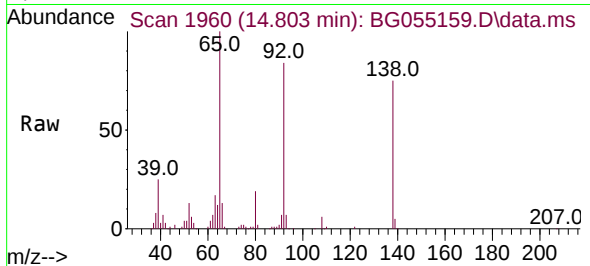
PB148265BS

Tgt Ion:138 Resp: 70575
Ion Ratio Lower Upper
138 100
108 8.7 8.6 13.0
92 112.9 88.5 132.7

Manual Integrations

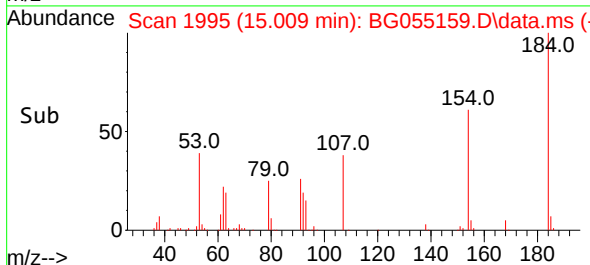
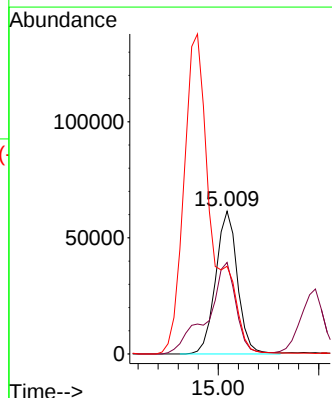
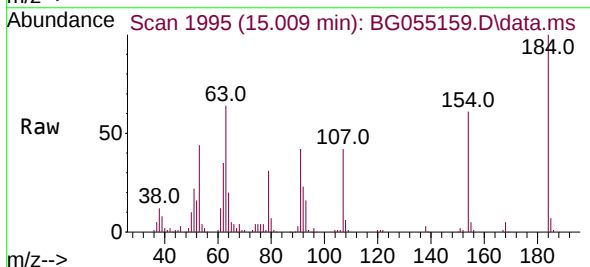
APPROVED

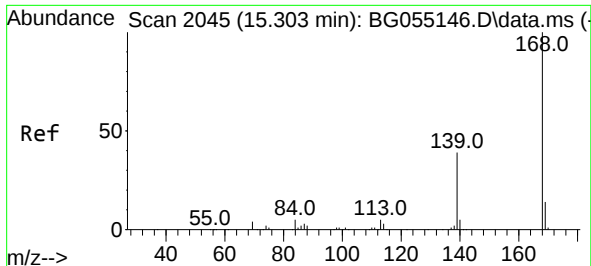
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#54
2,4-Dinitrophenol
Concen: 84.352 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

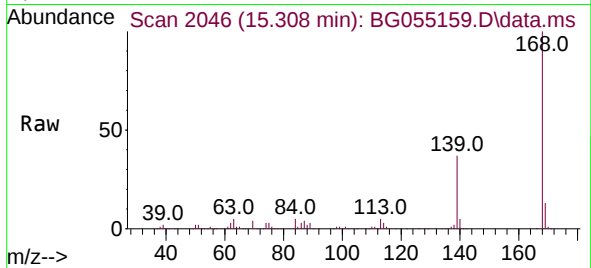
Tgt Ion:184 Resp: 92920
Ion Ratio Lower Upper
184 100
63 64.1 52.6 78.8
154 61.4 59.1 88.7





#55
Dibenzofuran
Concen: 37.704 ng
RT: 15.308 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

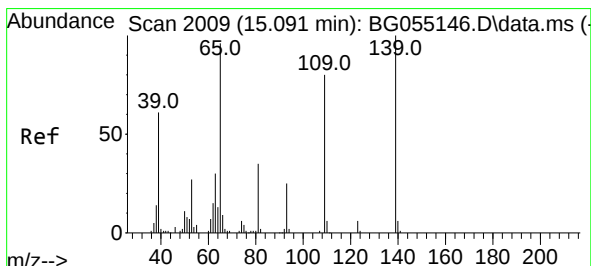
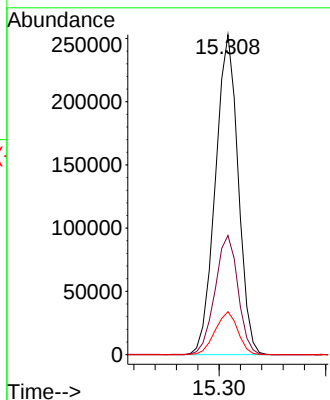
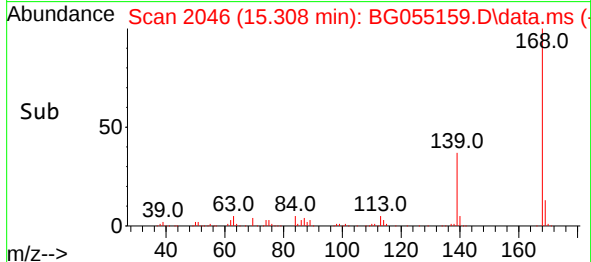
Instrument :
BNA_G
ClientSampleId :
PB148265BS



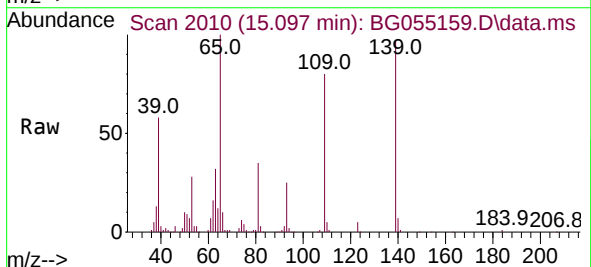
Tgt Ion:168 Resp: 375571
Ion Ratio Lower Upper
168 100
139 37.2 30.9 46.3
169 13.4 11.0 16.6

Manual Integrations
APPROVED

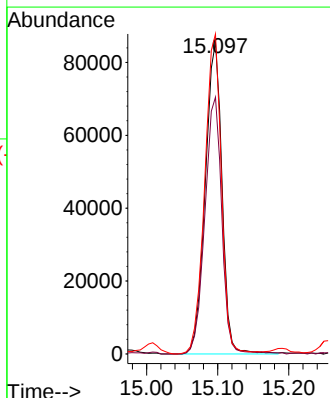
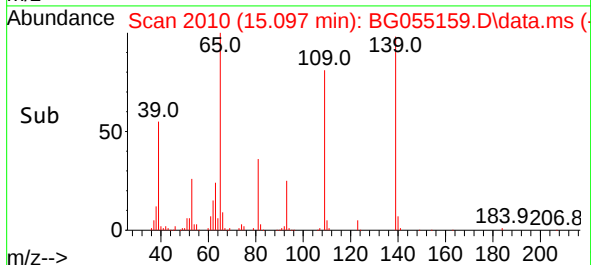
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

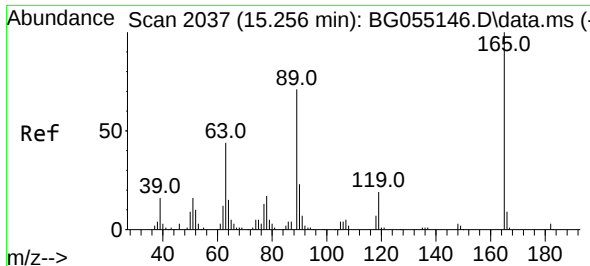


#56
4-Nitrophenol
Concen: 85.325 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:139 Resp: 139499
Ion Ratio Lower Upper
139 100
109 82.4 60.1 100.1
65 102.7 76.1 116.1





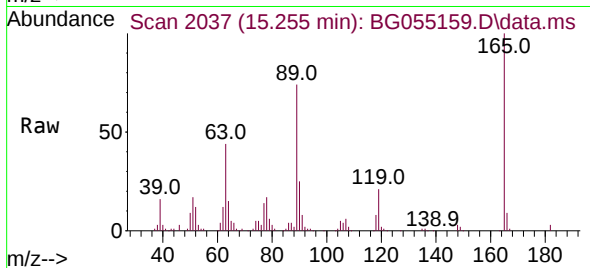
#57
2,4-Dinitrotoluene
Concen: 40.734 ng
RT: 15.255 min Scan# 2037
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

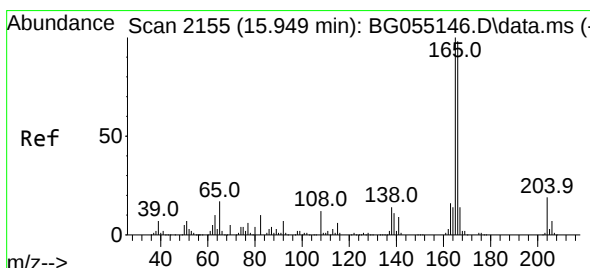
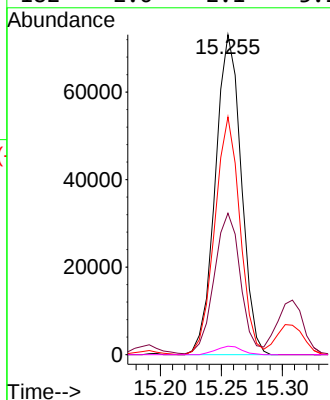
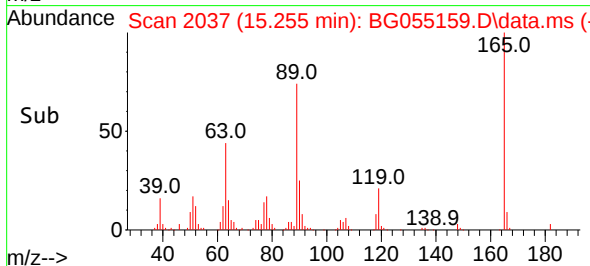


Tgt Ion:165 Resp: 108042
Ion Ratio Lower Upper
165 100
63 44.2 35.6 53.4
89 74.3 56.4 84.6
182 2.6 2.1 3.1

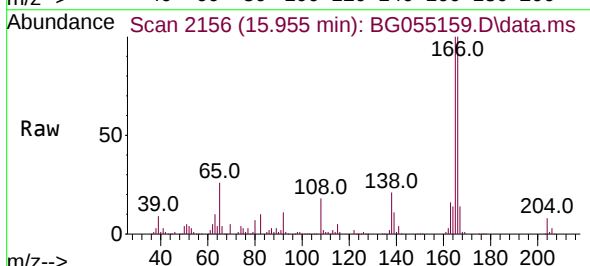
Manual Integrations

APPROVED

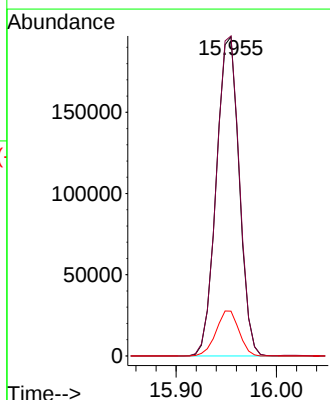
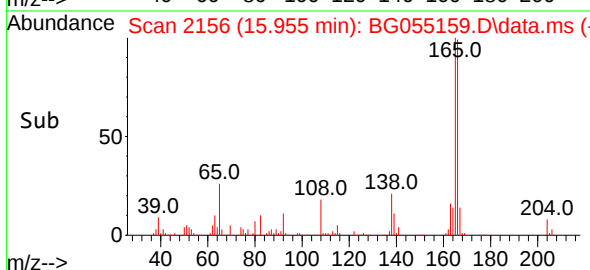
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

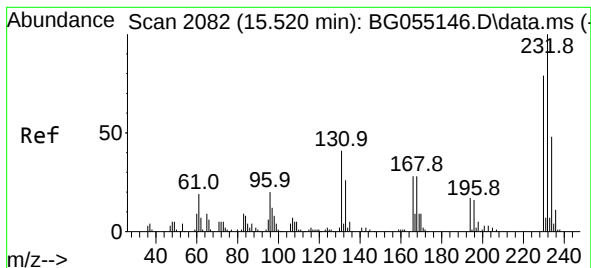


#58
Fluorene
Concen: 38.005 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:166 Resp: 310842
Ion Ratio Lower Upper
166 100
165 100.3 81.6 122.4
167 14.0 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.746 ng
RT: 15.526 min Scan# 2082
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

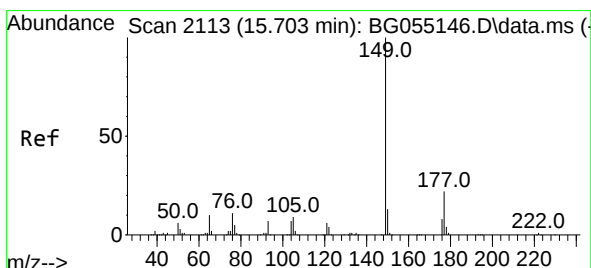
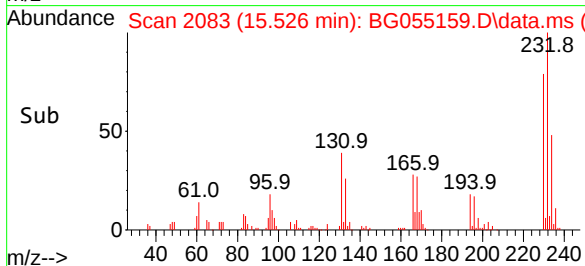
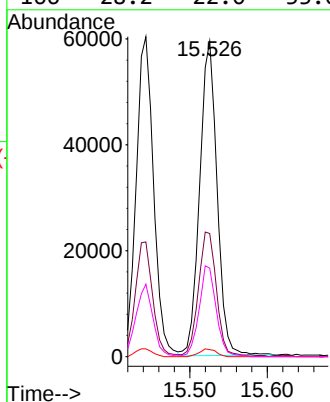
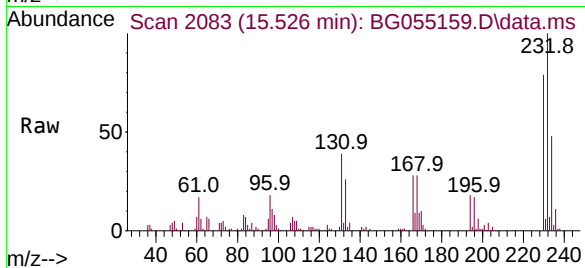
PB148265BS

Tgt Ion:232 Resp: 92760
Ion Ratio Lower Upper
232 100
131 41.4 31.8 47.6
130 2.4 1.8 2.6
166 28.2 22.0 33.0

Manual Integrations

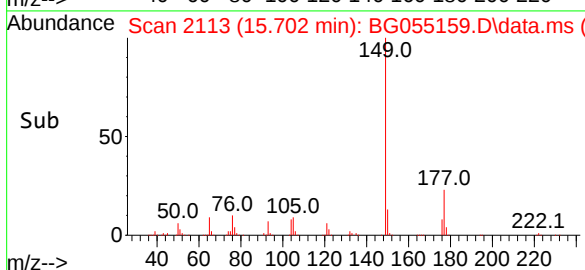
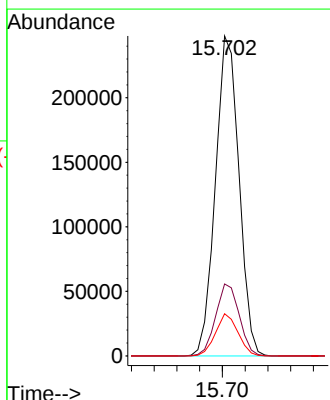
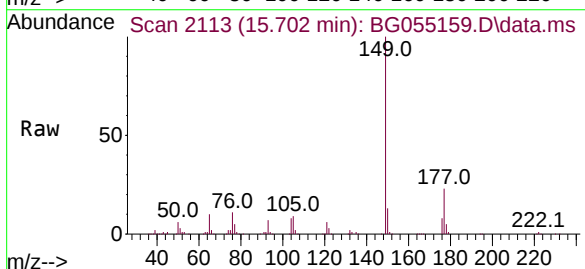
APPROVED

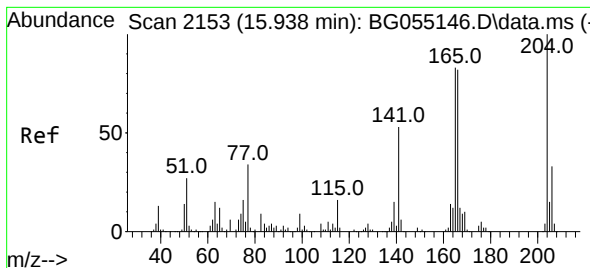
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#60
Diethylphthalate
Concen: 38.454 ng
RT: 15.702 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

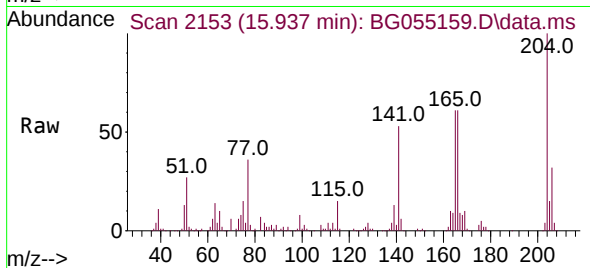
Tgt Ion:149 Resp: 356431
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.498 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

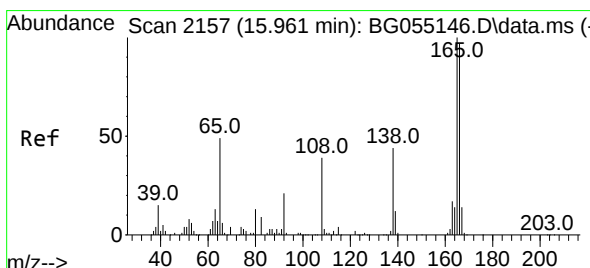
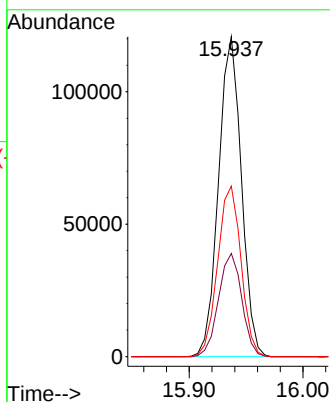
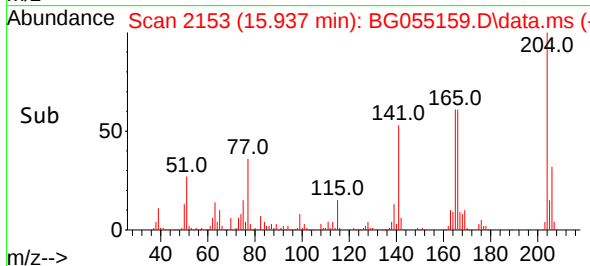
Instrument :
BNA_G
ClientSampleId :
PB148265BS



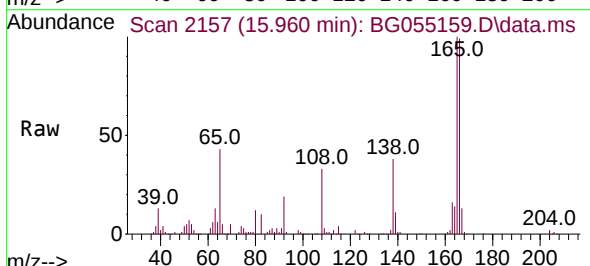
Tgt Ion:204 Resp: 168596
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 53.3 42.6 64.0

Manual Integrations
APPROVED

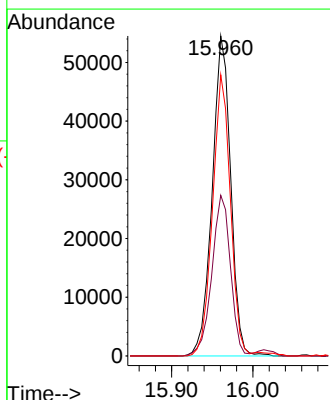
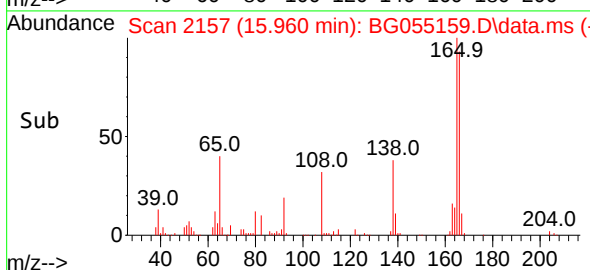
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

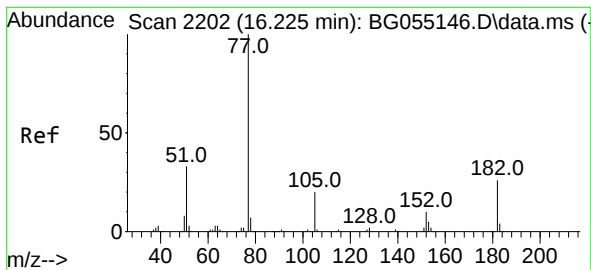


#62
4-Nitroaniline
Concen: 37.945 ng
RT: 15.960 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:138 Resp: 86009
Ion Ratio Lower Upper
138 100
92 50.2 28.0 68.0
108 87.8 68.6 108.6





#63

Azobenzene

Concen: 38.704 ng

RT: 16.231 min Scan# 2202

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion: 77 Resp: 304563

Ion Ratio Lower Upper

77 100

182 28.0 6.0 46.0

105 20.4 0.0 40.0

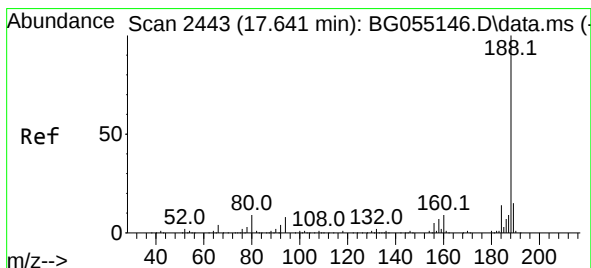
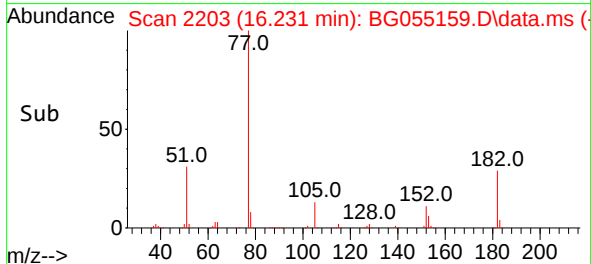
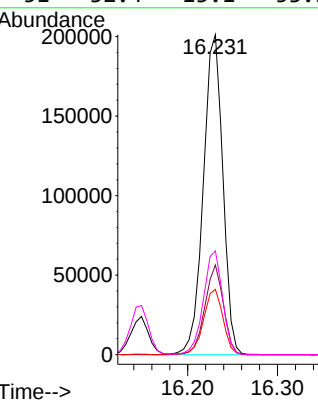
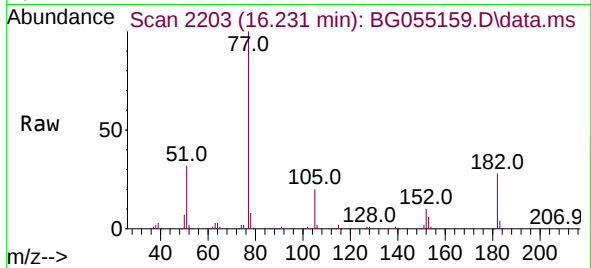
51 32.4 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.647 min Scan# 2444

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

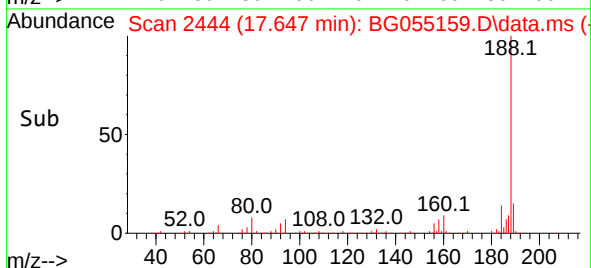
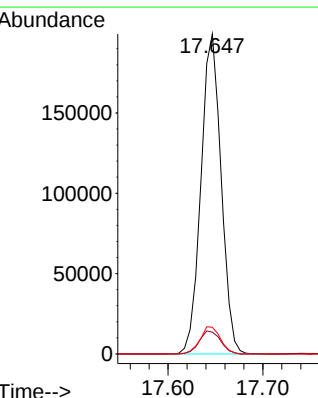
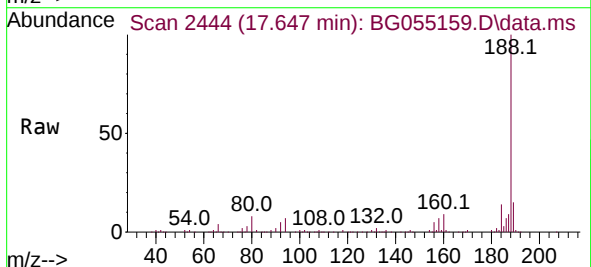
Tgt Ion:188 Resp: 293885

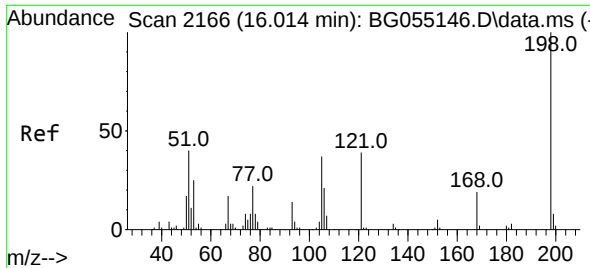
Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 8.3 7.0 10.6





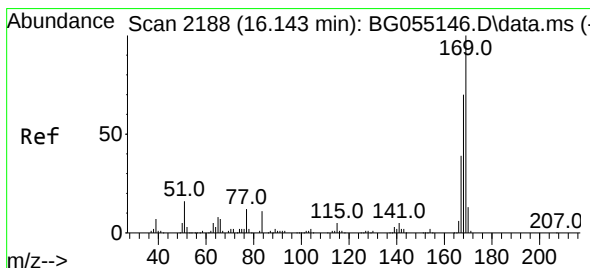
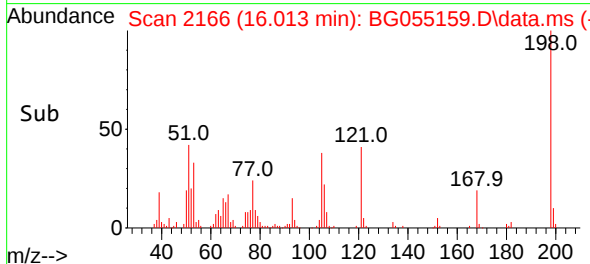
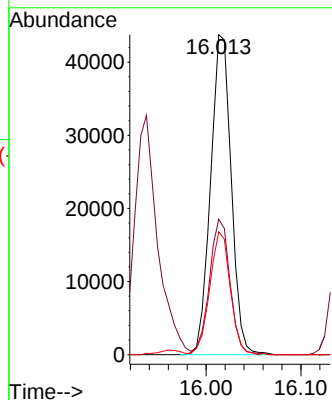
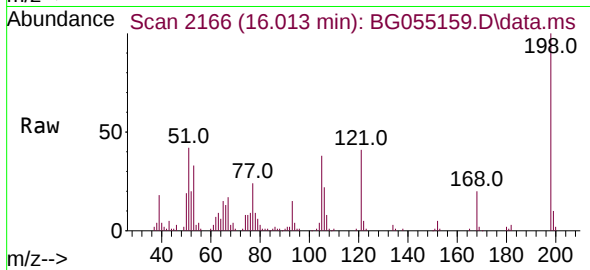
#65
4,6-Dinitro-2-methylphenol
Concen: 38.354 ng
RT: 16.013 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion:198 Resp: 66252
Ion Ratio Lower Upper
198 100
51 42.3 23.7 63.7
105 38.4 17.5 57.5

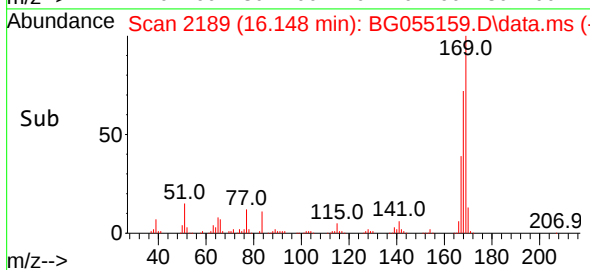
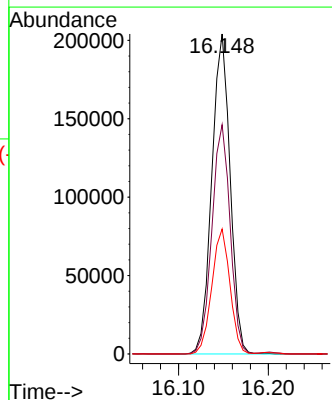
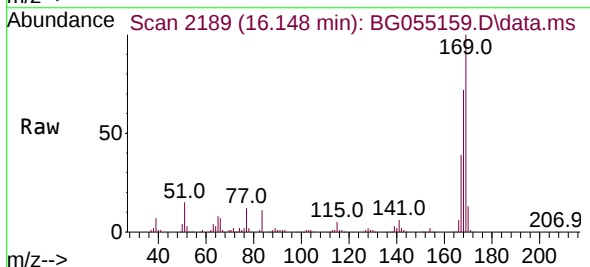
Manual Integrations
APPROVED

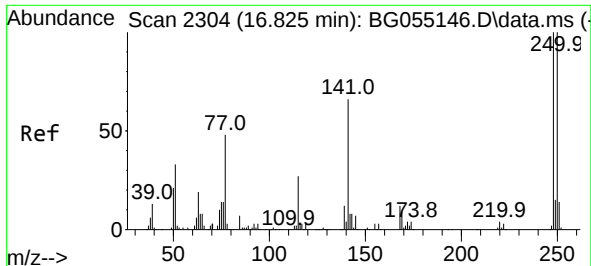
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#66
n-Nitrosodiphenylamine
Concen: 37.323 ng
RT: 16.148 min Scan# 2189
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

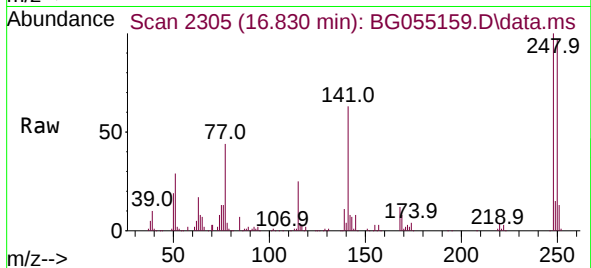
Tgt Ion:169 Resp: 289368
Ion Ratio Lower Upper
169 100
168 71.6 56.3 84.5
167 39.0 31.0 46.4





#67
4-Bromophenyl-phenylether
Concen: 36.893 ng
RT: 16.830 min Scan# 2305
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

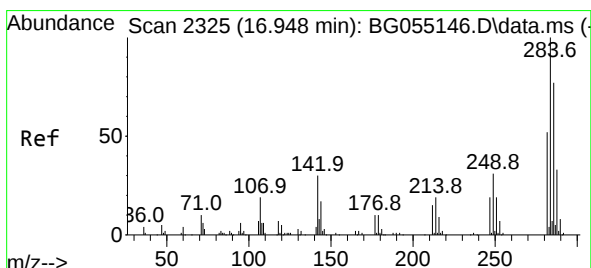
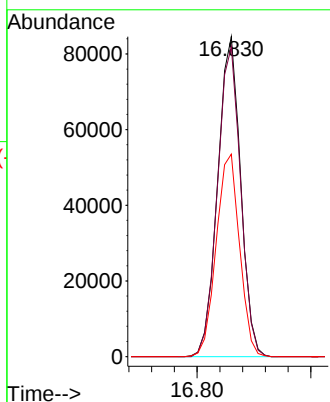
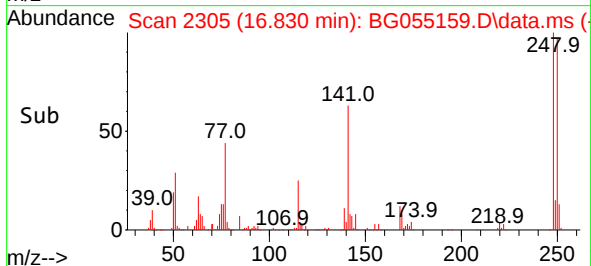
Instrument :
BNA_G
ClientSampleId :
PB148265BS



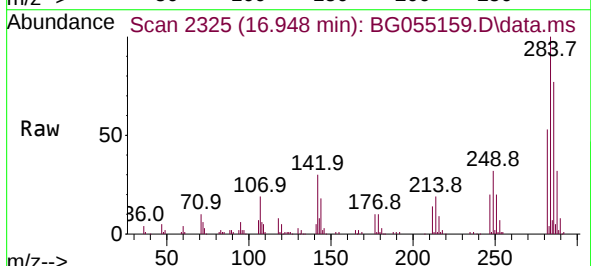
Tgt Ion:248 Resp: 118196
Ion Ratio Lower Upper
248 100
250 96.8 80.1 120.1
141 63.3 53.1 79.7

Manual Integrations
APPROVED

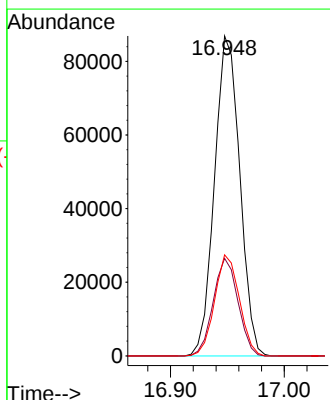
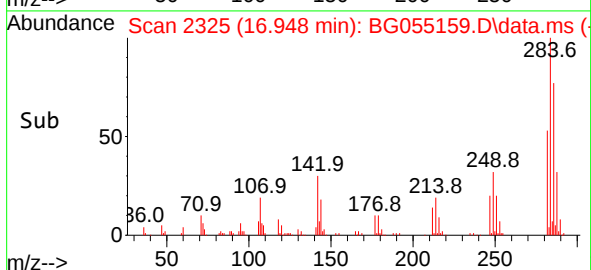
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

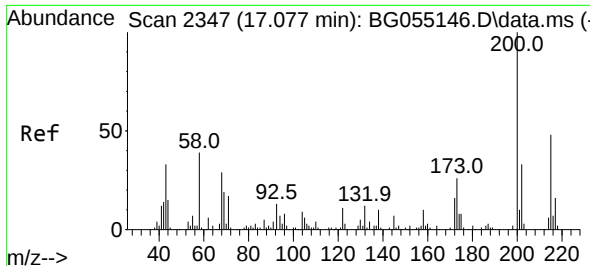


#68
Hexachlorobenzene
Concen: 36.429 ng
RT: 16.948 min Scan# 2325
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:284 Resp: 134140
Ion Ratio Lower Upper
284 100
142 30.5 23.9 35.9
249 31.6 24.9 37.3





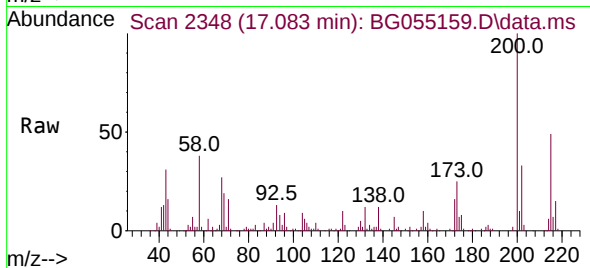
#69
 Atrazine
 Concen: 43.152 ng
 RT: 17.083 min Scan# 2348
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

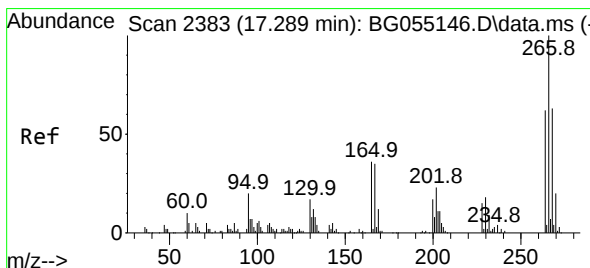
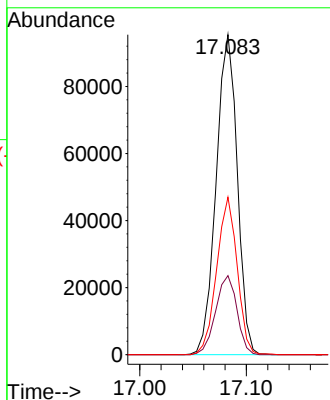
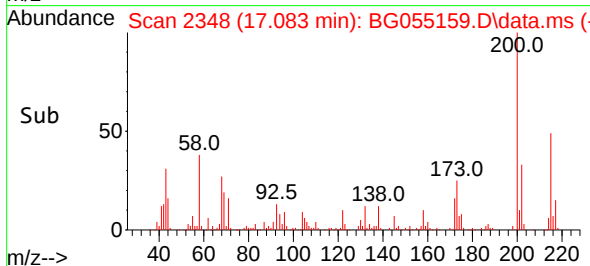


Tgt Ion:200 Resp: 131899
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.5 45.5
 215 49.2 28.2 68.2

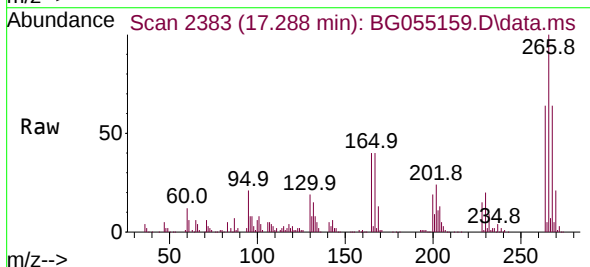
Manual Integrations

APPROVED

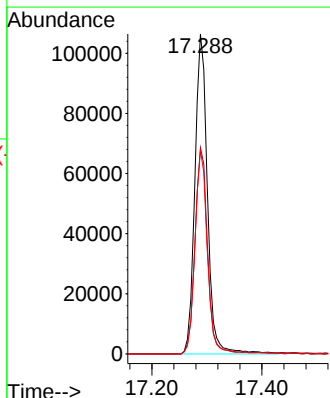
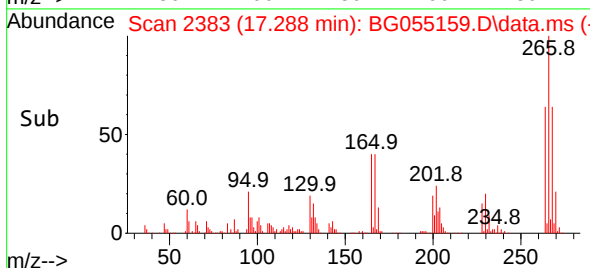
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

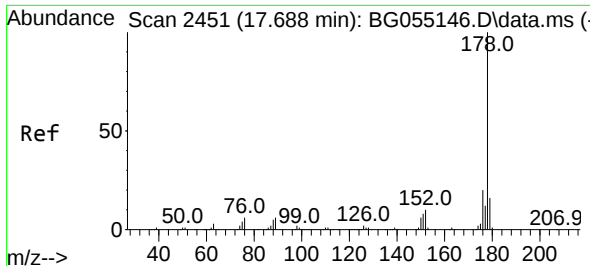


#70
 Pentachlorophenol
 Concen: 76.724 ng
 RT: 17.288 min Scan# 2383
 Delta R.T. -0.001 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28



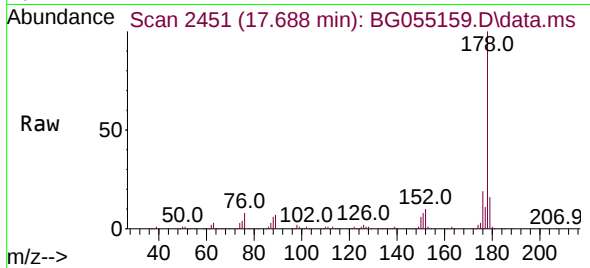
Tgt Ion:266 Resp: 168325
 Ion Ratio Lower Upper
 266 100
 268 64.4 54.2 81.4
 264 63.6 52.7 79.1





#71
Phenanthrene
Concen: 36.775 ng
RT: 17.688 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

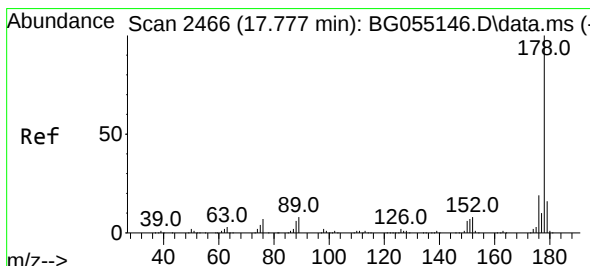
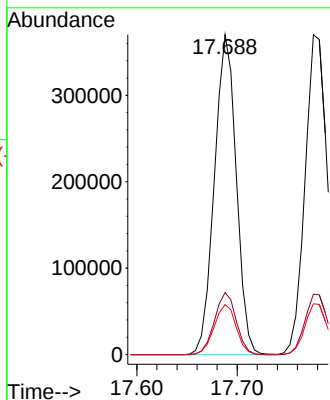
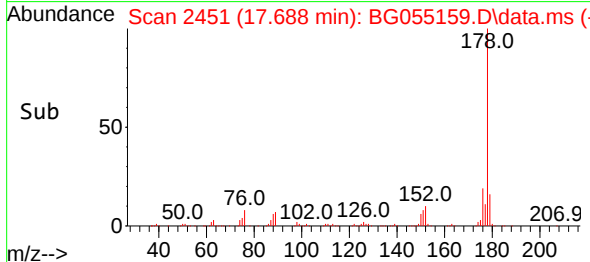
Instrument :
BNA_G
ClientSampleId :
PB148265BS



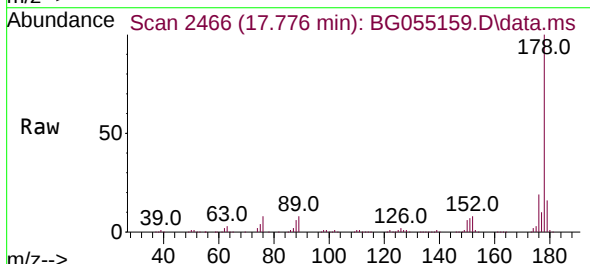
Tgt Ion:178 Resp: 560594
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 12.7 19.1

Manual Integrations
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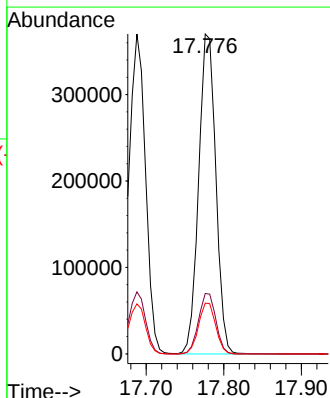
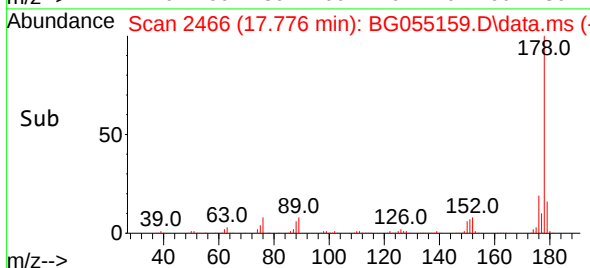
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

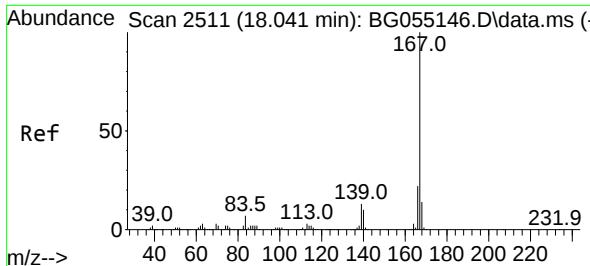


#72
Anthracene
Concen: 38.185 ng
RT: 17.776 min Scan# 2466
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



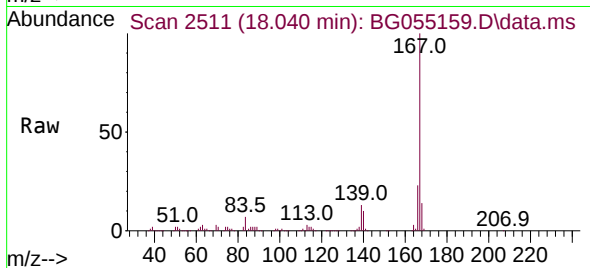
Tgt Ion:178 Resp: 568848
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 13.0 19.4





#73
 Carbazole
 Concen: 38.761 ng
 RT: 18.040 min Scan# 2511
 Delta R.T. -0.001 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

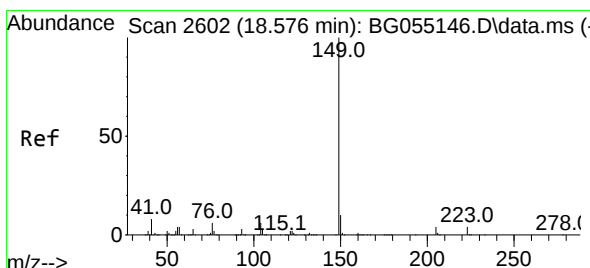
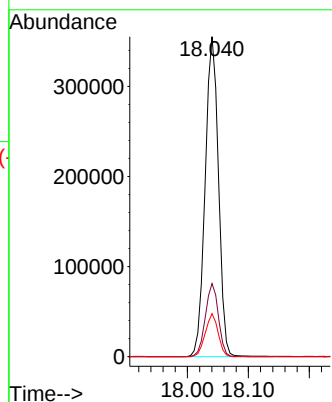
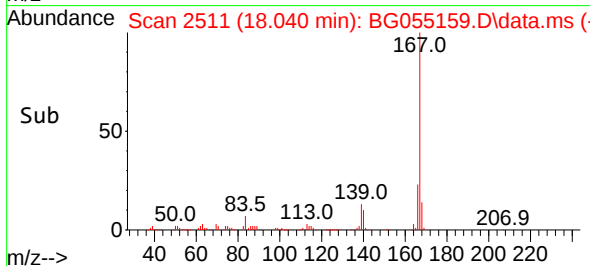
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS



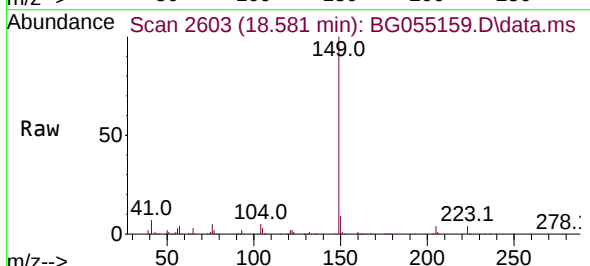
Tgt Ion:167 Resp: 537632
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 13.4 10.2 15.2

Manual Integrations
 APPROVED

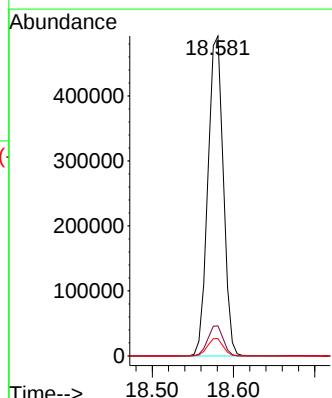
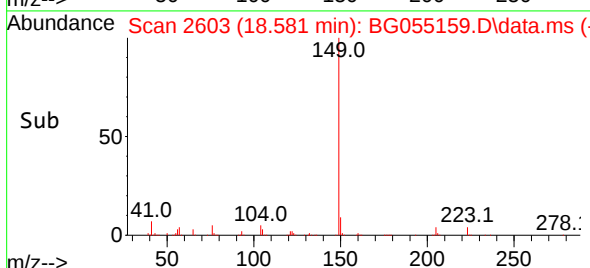
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

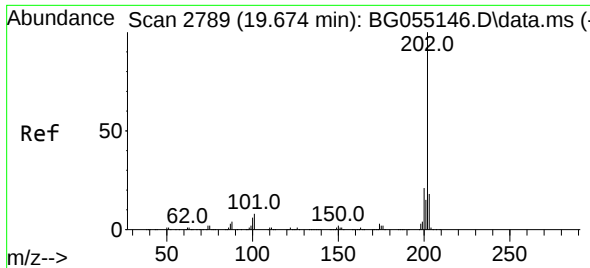


#74
 Di-n-butylphthalate
 Concen: 38.009 ng
 RT: 18.581 min Scan# 2603
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28



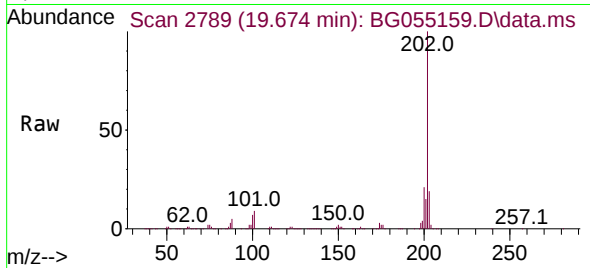
Tgt Ion:149 Resp: 649009
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.4 4.6 6.8





#75
Fluoranthene
Concen: 37.363 ng
RT: 19.674 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

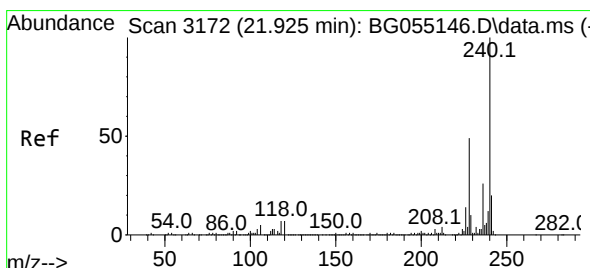
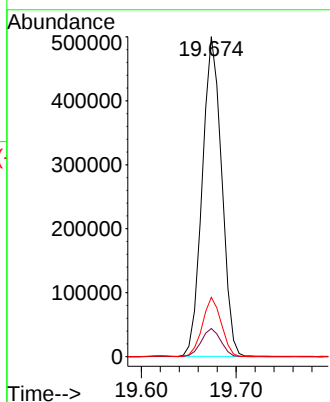
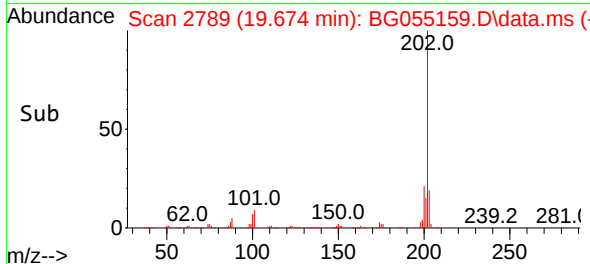
Instrument :
BNA_G
ClientSampleId :
PB148265BS



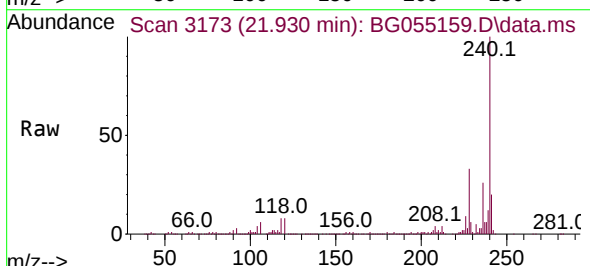
Tgt Ion:202 Resp: 711966
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.4
203 18.6 0.0 37.8

Manual Integrations
APPROVED

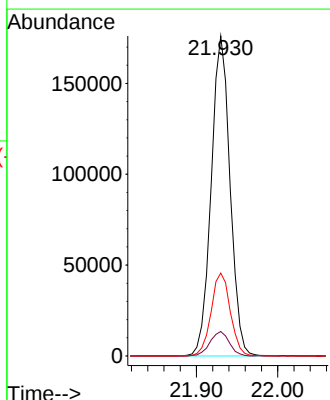
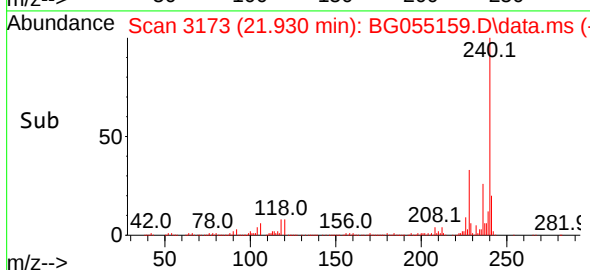
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

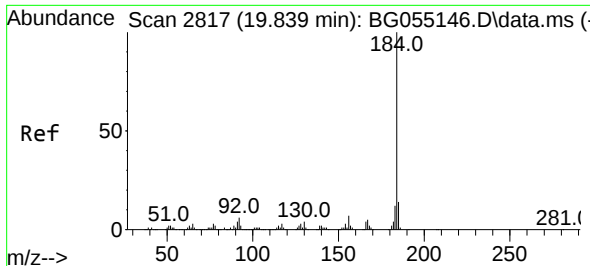


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:240 Resp: 283440
Ion Ratio Lower Upper
240 100
120 7.6 5.4 8.0
236 25.9 20.6 31.0





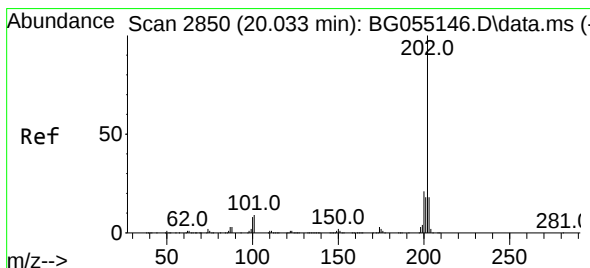
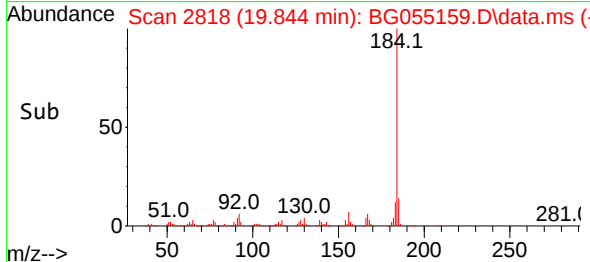
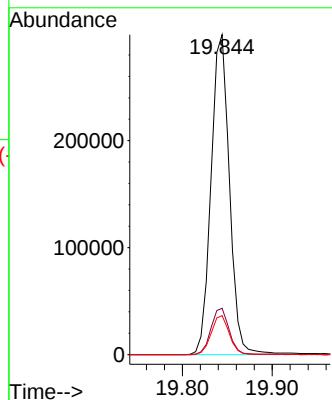
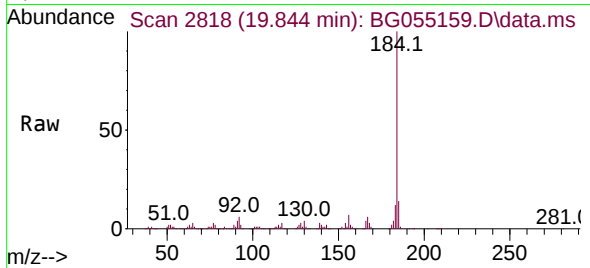
#77
Benzidine
Concen: 67.071 ng
RT: 19.844 min Scan# 2817
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion:184 Resp: 426317
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 12.2 9.4 14.2

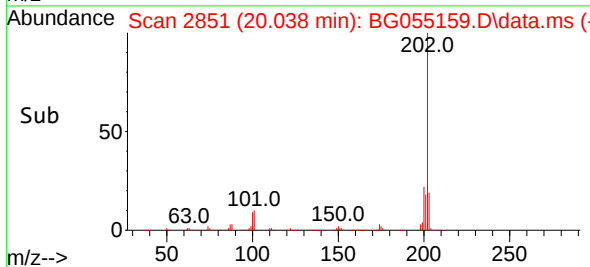
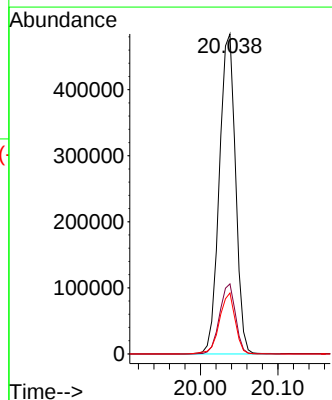
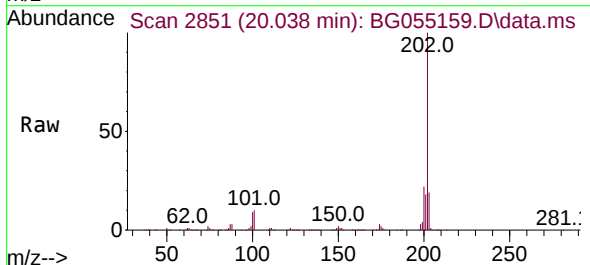
Manual Integrations
APPROVED

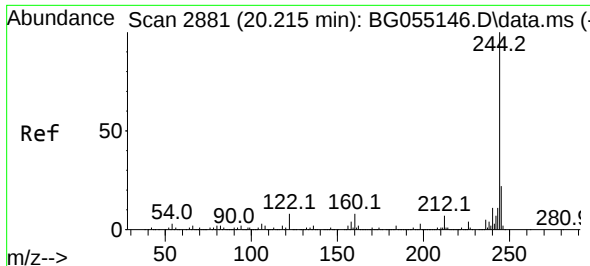
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#78
Pyrene
Concen: 37.309 ng
RT: 20.038 min Scan# 2851
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:202 Resp: 704957
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 19.1 14.4 21.6





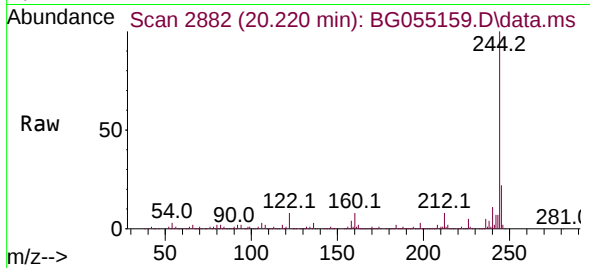
#79
Terphenyl-d14
Concen: 79.527 ng
RT: 20.220 min Scan# 2881
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

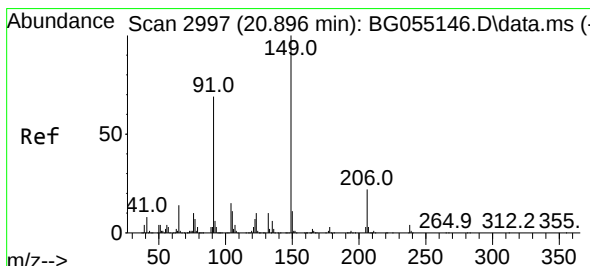
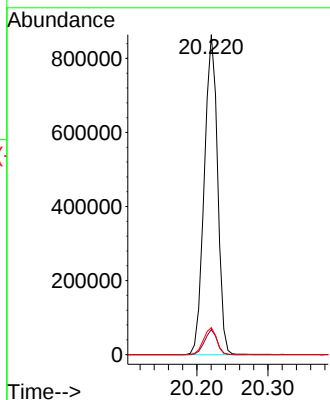
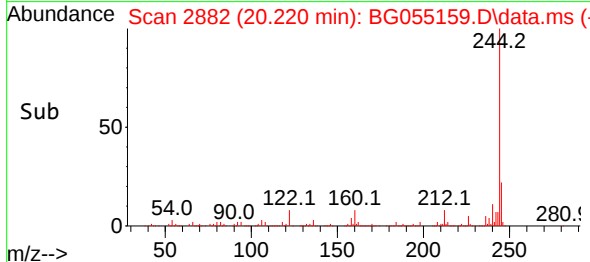


Tgt Ion:244 Resp: 1119208
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 8.4 6.6 10.0

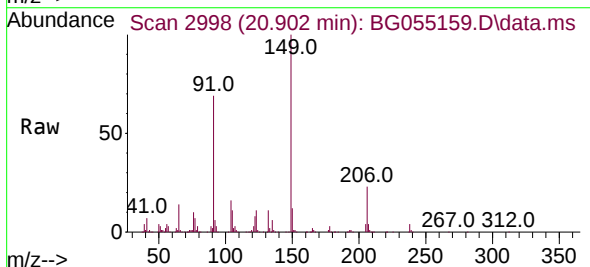
Manual Integrations

APPROVED

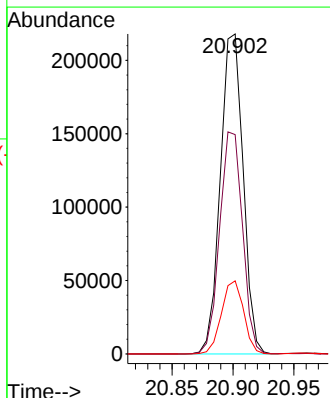
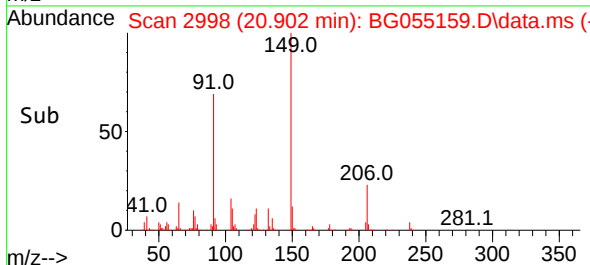
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

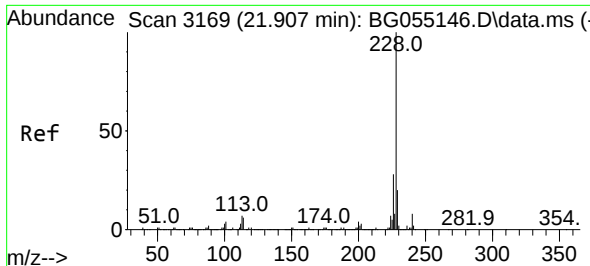


#80
Butylbenzylphthalate
Concen: 39.087 ng
RT: 20.902 min Scan# 2998
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



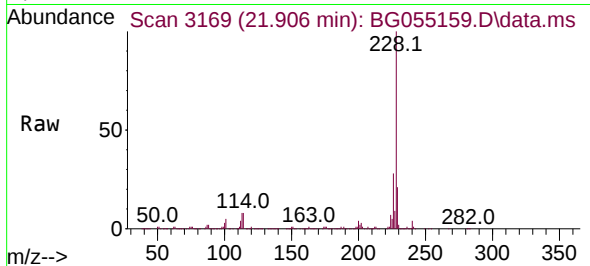
Tgt Ion:149 Resp: 283514
Ion Ratio Lower Upper
149 100
91 68.5 55.1 82.7
206 22.9 17.9 26.9





#81
Benzo(a)anthracene
Concen: 37.360 ng
RT: 21.906 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

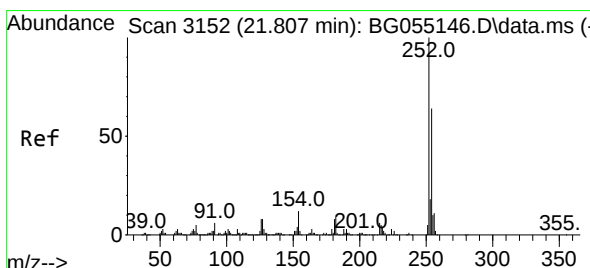
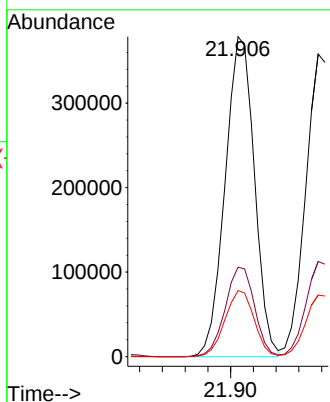
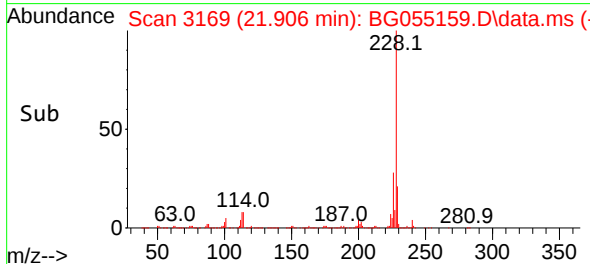
Instrument :
BNA_G
ClientSampleId :
PB148265BS



Tgt Ion:228 Resp: 677523
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.6 16.2 24.4

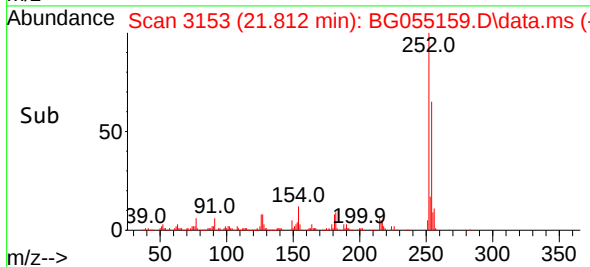
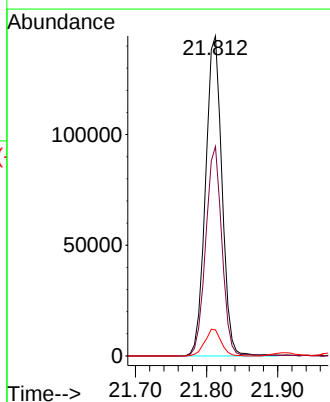
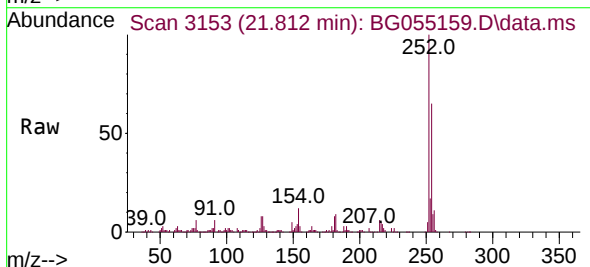
Manual Integrations
APPROVED

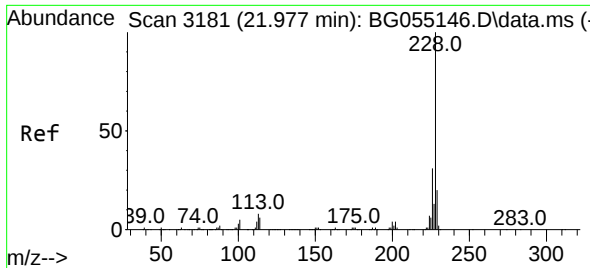
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.102 ng
RT: 21.812 min Scan# 3153
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:252 Resp: 230910
Ion Ratio Lower Upper
252 100
254 65.4 51.6 77.4
126 8.1 6.3 9.5





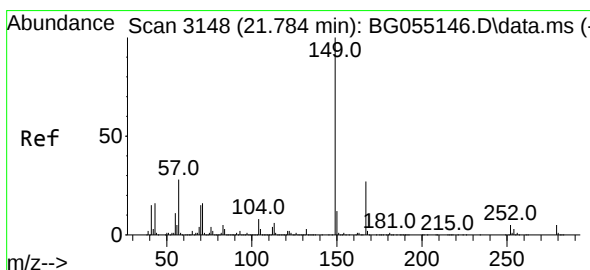
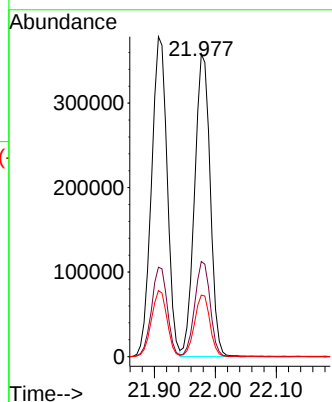
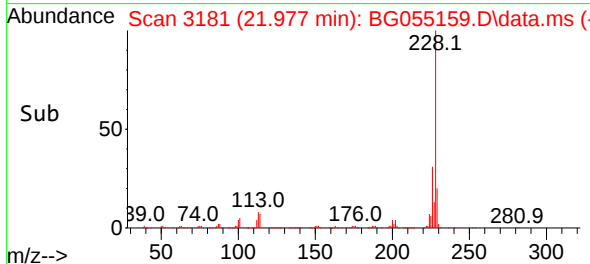
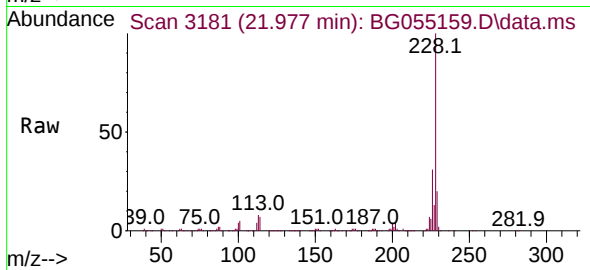
#83
Chrysene
Concen: 37.233 ng
RT: 21.977 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Tgt Ion:228 Resp: 63695
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 20.3 16.2 24.2

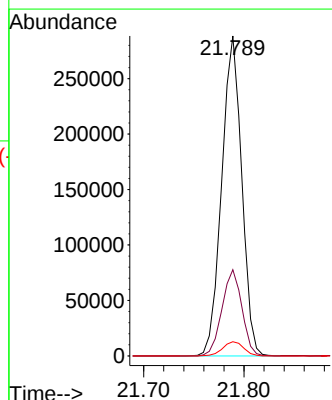
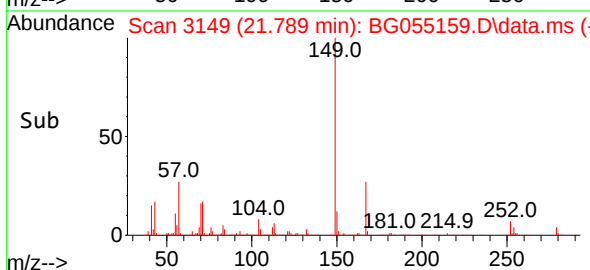
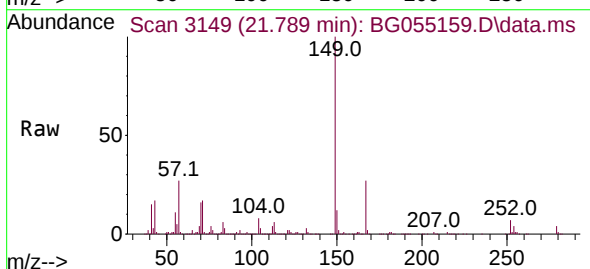
Manual Integrations
APPROVED

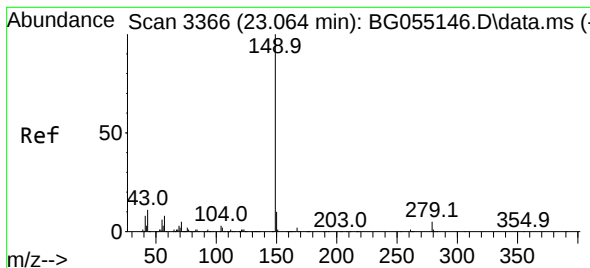
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.744 ng
RT: 21.789 min Scan# 3149
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:149 Resp: 400306
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.426 ng

RT: 23.070 min Scan# 3366

Delta R.T. 0.005 min

Lab File: BG055159.D

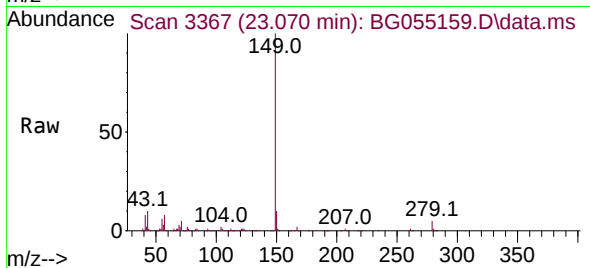
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS



Tgt Ion:149 Resp: 679138

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

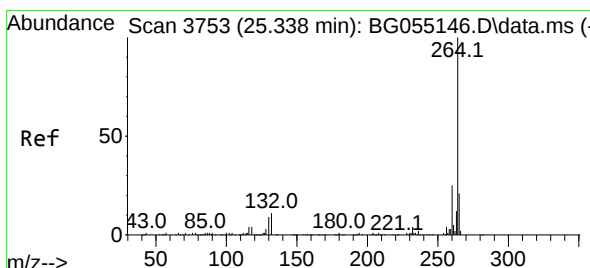
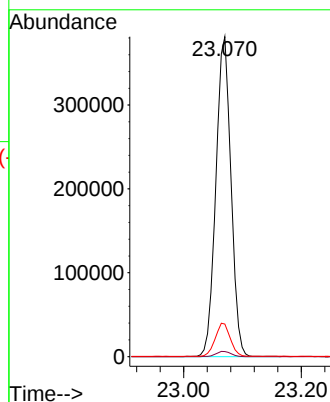
43 10.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.349 min Scan# 3755

Delta R.T. 0.011 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

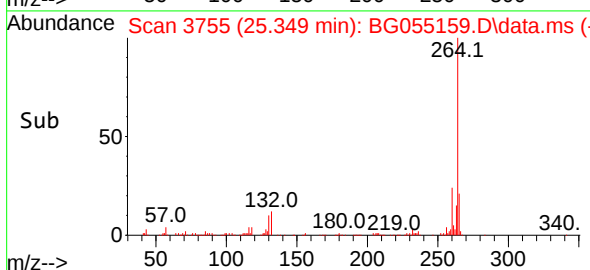
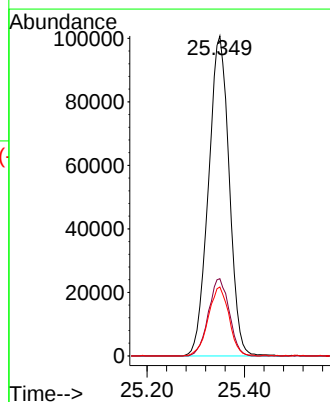
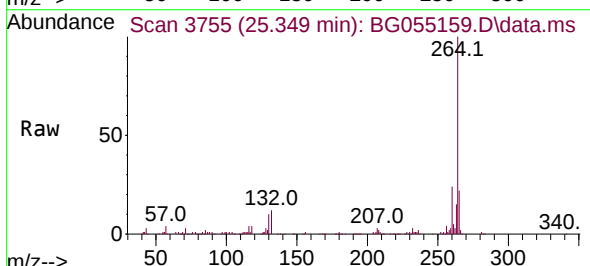
Tgt Ion:264 Resp: 297042

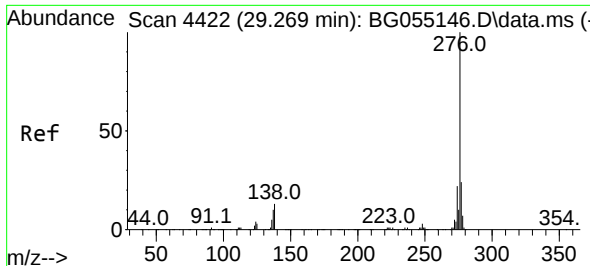
Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.5 16.8 25.2





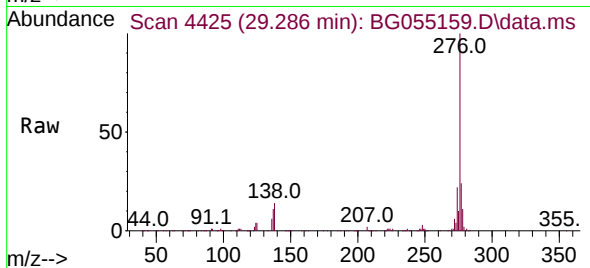
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.695 ng
RT: 29.286 min Scan# 4422
Delta R.T. 0.017 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

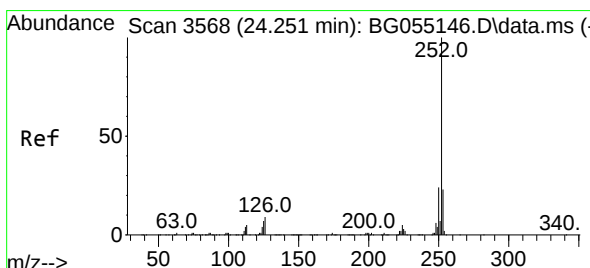
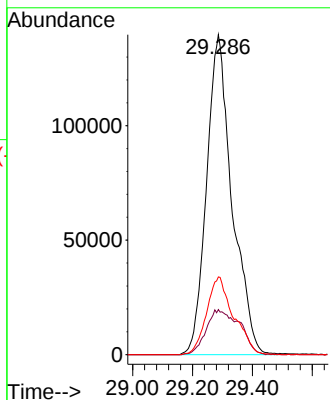
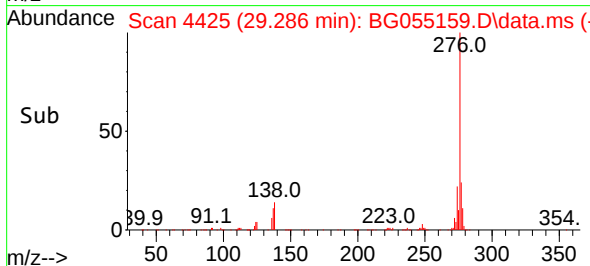


Tgt Ion:276 Resp: 829408
Ion Ratio Lower Upper
276 100
138 18.4 13.4 20.0
277 25.7 20.5 30.7

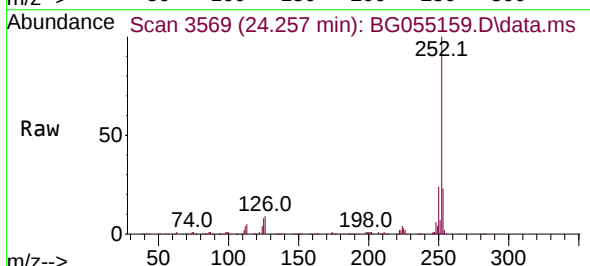
Manual Integrations

APPROVED

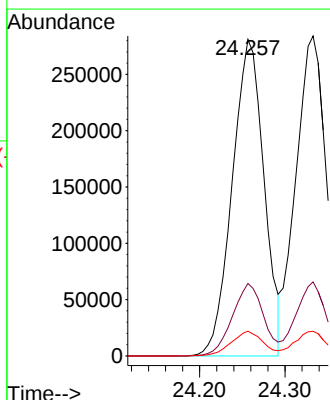
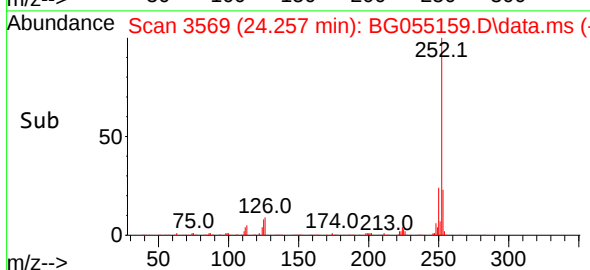
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

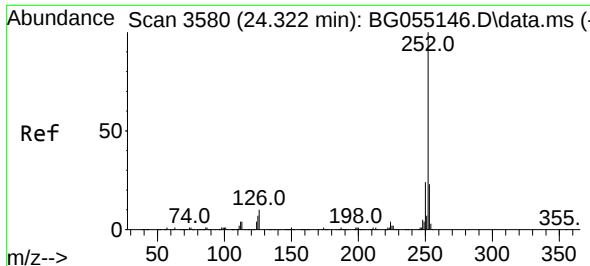


#88
Benzo(b)fluoranthene
Concen: 41.077 ng
RT: 24.257 min Scan# 3569
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:252 Resp: 727254
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 7.8 5.7 8.5





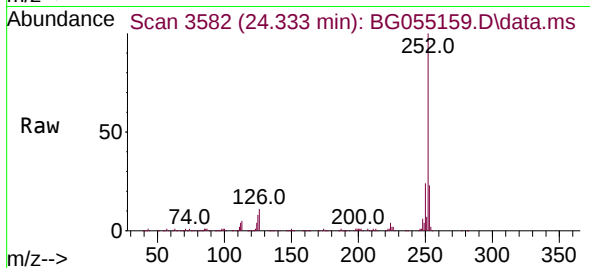
#89
Benzo(k)fluoranthene
Concen: 39.769 ng
RT: 24.333 min Scan# 3580
Delta R.T. 0.011 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

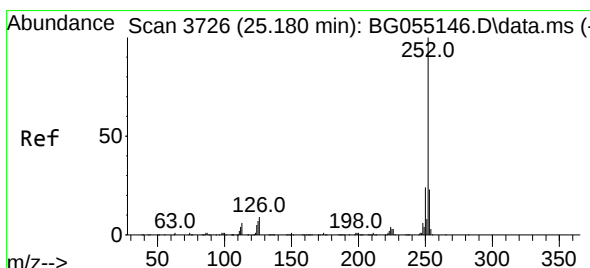
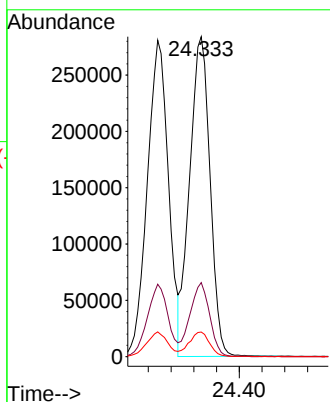
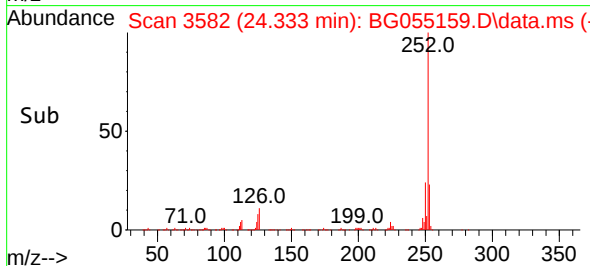


Tgt Ion:252 Resp: 707398
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 7.7 5.8 8.6

Manual Integrations

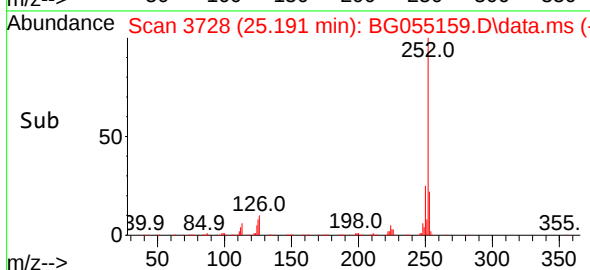
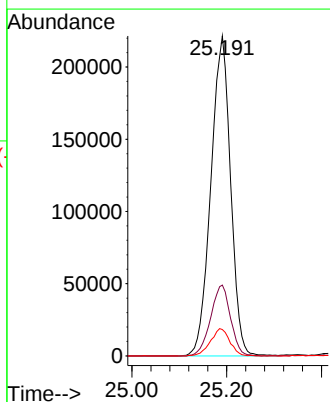
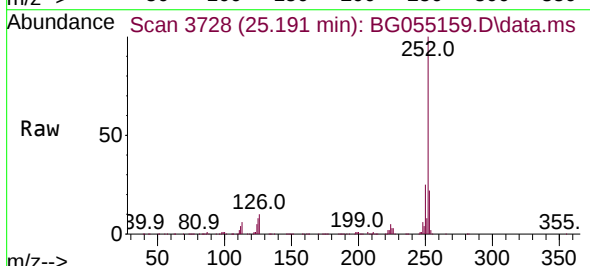
APPROVED

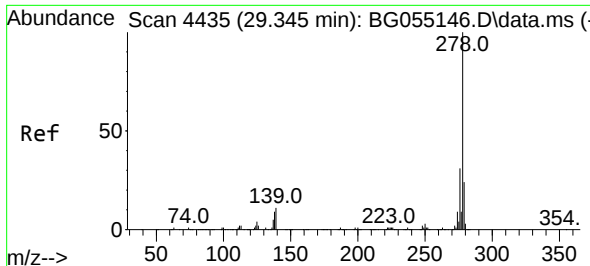
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#90
Benzo(a)pyrene
Concen: 42.240 ng
RT: 25.191 min Scan# 3728
Delta R.T. 0.011 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

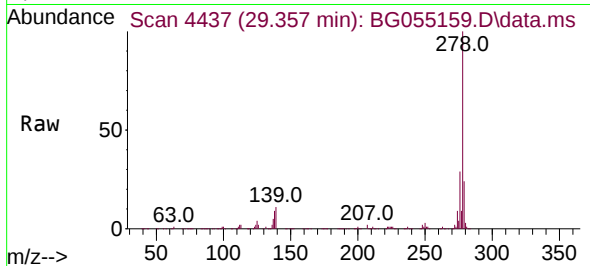
Tgt Ion:252 Resp: 639483
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.2 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 39.771 ng
RT: 29.357 min Scan# 4437
Delta R.T. 0.011 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

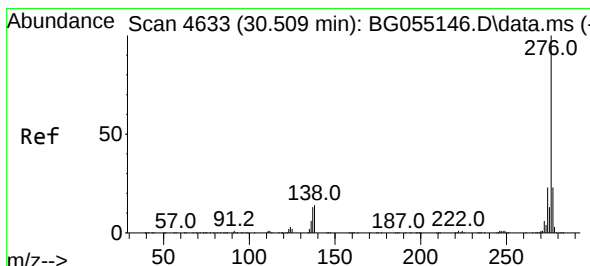
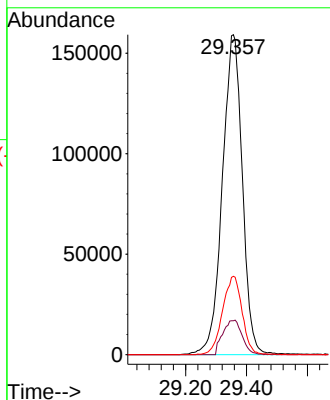
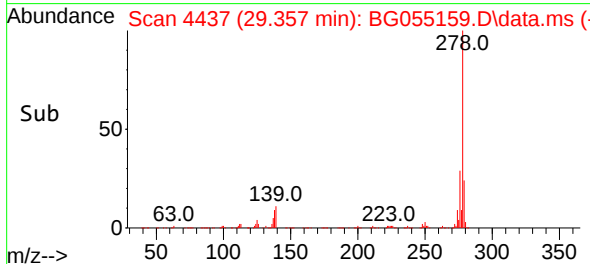
Instrument :
BNA_G
ClientSampleId :
PB148265BS



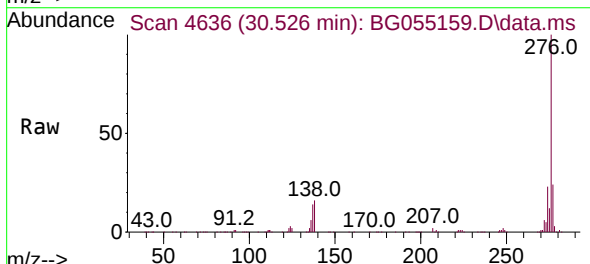
Tgt Ion:278 Resp: 72414
Ion Ratio Lower Upper
278 100
139 10.6 8.4 12.6
279 24.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 39.953 ng
RT: 30.526 min Scan# 4636
Delta R.T. 0.017 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:276 Resp: 712601
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 15.5 11.2 16.8

