

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055270.D
 Acq On : 25 Oct 2022 10:22
 Operator : CG/JU
 Sample : PB148536BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB148536BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

Supervised By :Jagrut
 Upadhyay
 11/02/2022

Quant Time: Oct 25 12:40:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	32150	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	151011	20.000	ng	0.00
39) Acenaphthene-d10	14.884	164	106251	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	248285	20.000	ng	0.00
76) Chrysene-d12	21.893	240	236158	20.000	ng	0.00
86) Perylene-d12	25.283	264	254422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	316143	172.180	ng	0.00
7) Phenol-d6	7.416	99	437506	164.469	ng	0.00
23) Nitrobenzene-d5	9.443	82	260965	88.243	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	180560	156.324	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	571275	88.003	ng	0.00
79) Terphenyl-d14	20.189	244	1074260	94.512	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.603	88	34091	38.453	ng	91
3) Pyridine	4.020	79	96263	36.056	ng	98
4) n-Nitrosodimethylamine	3.932	42	52555	44.307	ng	94
6) Aniline	7.586	93	164558	47.254	ng	98
8) 2-Chlorophenol	7.833	128	115392	54.056	ng	98
9) Benzaldehyde	7.398	77	57808	31.828	ng	95
10) Phenol	7.440	94	159398	53.496	ng	98
11) bis(2-Chloroethyl)ether	7.675	93	106405	47.307	ng	97
12) 1,3-Dichlorobenzene	8.162	146	110386	47.394	ng	97
13) 1,4-Dichlorobenzene	8.309	146	112112	47.126	ng	98
14) 1,2-Dichlorobenzene	8.632	146	110713	48.336	ng	98
15) Benzyl Alcohol	8.503	79	112530m	50.551	ng	
16) 2,2'-oxybis(1-Chloropr...	8.791	45	171407m	46.566	ng	
17) 2-Methylphenol	8.709	107	109889	52.148	ng	99
18) Hexachloroethane	9.367	117	40132	47.374	ng	96
19) n-Nitroso-di-n-propyla...	9.073	70	100256	45.385	ng	98
20) 3+4-Methylphenols	9.032	107	150665	49.920	ng	98
22) Acetophenone	9.096	105	179997	46.623	ng	99
24) Nitrobenzene	9.490	77	139479	45.296	ng	98
25) Isophorone	10.007	82	277190	46.404	ng	98
26) 2-Nitrophenol	10.201	139	65118	48.290	ng	96
27) 2,4-Dimethylphenol	10.248	122	120429m	57.206	ng	
28) bis(2-Chloroethoxy)met...	10.483	93	155249	51.476	ng	98
29) 2,4-Dichlorophenol	10.742	162	114507	50.703	ng	100
30) 1,2,4-Trichlorobenzene	10.959	180	103394	44.858	ng	98
31) Naphthalene	11.153	128	359202	44.588	ng	99
32) Benzoic acid	10.389	122	67985	43.201	ng	99
33) 4-Chloroaniline	11.253	127	122755	35.642	ng	99
34) Hexachlorobutadiene	11.429	225	58522	44.437	ng	100
35) Caprolactam	12.022	113	50603m	48.279	ng	
36) 4-Chloro-3-methylphenol	12.351	107	144486	50.844	ng	100
37) 2-Methylnaphthalene	12.733	142	260115	44.784	ng	100
38) 1-Methylnaphthalene	12.951	142	251306	43.857	ng	99
40) 1,2,4,5-Tetrachloroben...	13.098	216	118597	46.279	ng	99
41) Hexachlorocyclopentadiene	13.074	237	147236	118.574	ng	98
43) 2,4,6-Trichlorophenol	13.327	196	91509	48.348	ng	98

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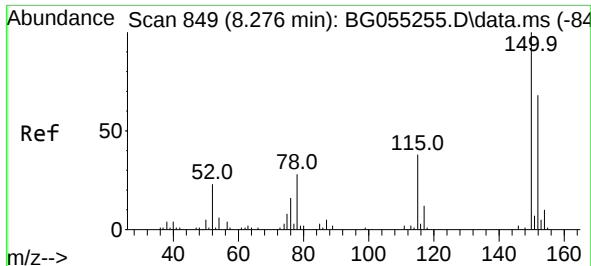
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 Supervised By : Jagrut Upadhyay 11/02/2022

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 Upadhyay
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.403	196	100198	47.862	ng	99
46) 1,1'-Biphenyl	13.726	154	353042	48.446	ng	100
47) 2-Chloronaphthalene	13.773	162	260782	45.381	ng	98
48) 2-Nitroaniline	13.967	65	105233	46.825	ng	99
49) Acenaphthylene	14.613	152	456187	45.987	ng	99
50) Dimethylphthalate	14.326	163	379355	45.474	ng	100
51) 2,6-Dinitrotoluene	14.449	165	82308	48.487	ng	98
52) Acenaphthene	14.948	154	325848m	51.532	ng	
53) 3-Nitroaniline	14.784	138	74366	34.855	ng	97
54) 2,4-Dinitrophenol	14.990	184	97577	97.239	ng	99
55) Dibenzofuran	15.277	168	435437	45.901	ng	99
56) 4-Nitrophenol	15.084	139	161299	105.699	ng	96
57) 2,4-Dinitrotoluene	15.236	165	122450	49.707	ng	92
58) Fluorene	15.924	166	359084	45.492	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.501	232	90677	48.585	ng	98
60) Diethylphthalate	15.677	149	411881	46.414	ng	99
61) 4-Chlorophenyl-phenyle...	15.906	204	172675	47.604	ng	100
62) 4-Nitroaniline	15.941	138	102465	45.701	ng	99
63) Azobenzene	16.200	77	398272	46.069	ng	99
65) 4,6-Dinitro-2-methylph...	15.994	198	67191	49.227	ng	98
66) n-Nitrosodiphenylamine	16.118	169	328994	47.606	ng	99
67) 4-Bromophenyl-phenylether	16.799	248	113796	47.175	ng	96
68) Hexachlorobenzene	16.923	284	128376	47.069	ng	100
69) Atrazine	17.058	200	133631	56.866	ng	96
70) Pentachlorophenol	17.263	266	145715	94.107	ng	98
71) Phenanthrene	17.663	178	605653	45.740	ng	99
72) Anthracene	17.751	178	622957	48.125	ng	99
73) Carbazole	18.015	167	602168	48.365	ng	100
74) Di-n-butylphthalate	18.550	149	756500	48.607	ng	100
75) Fluoranthene	19.649	202	733241	47.523	ng	99
77) Benzidine	19.819	184	454141	79.422	ng	99
78) Pyrene	20.007	202	735976	45.467	ng	99
80) Butylbenzylphthalate	20.865	149	350545	45.828	ng	99
81) Benzo(a)anthracene	21.876	228	699353	44.100	ng	99
82) 3,3'-Dichlorobenzidine	21.776	252	189152	36.623	ng	99
83) Chrysene	21.946	228	653491	43.382	ng	99
84) Bis(2-ethylhexyl)phtha...	21.746	149	511153	46.778	ng	98
85) Di-n-octyl phthalate	23.009	149	854560	46.943	ng	99
87) Indeno(1,2,3-cd)pyrene	29.191	276	849100	45.186	ng	# 91
88) Benzo(b)fluoranthene	24.202	252	758685	49.574	ng	99
89) Benzo(k)fluoranthene	24.279	252	708780	45.866	ng	99
90) Benzo(a)pyrene	25.131	252	659842	50.278	ng	99
91) Dibenzo(a,h)anthracene	29.261	278	727792	47.195	ng	98
92) Benzo(g,h,i)perylene	30.430	276	717773	46.927	ng	99

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



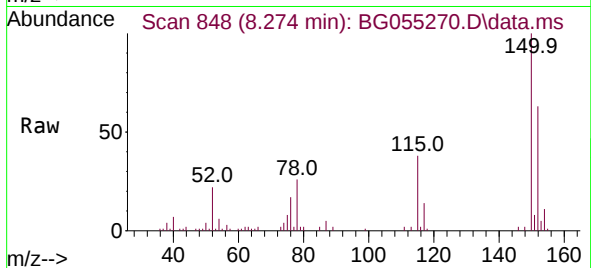
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.274 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

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PB148536BS



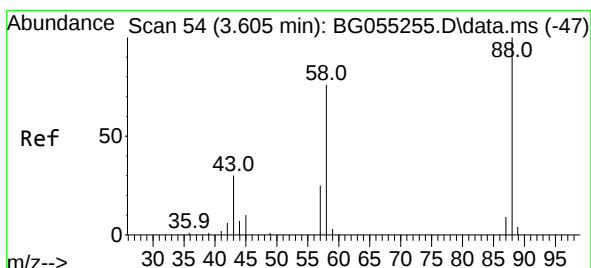
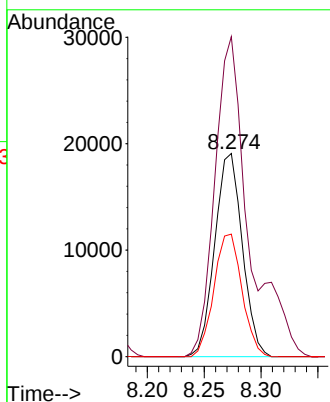
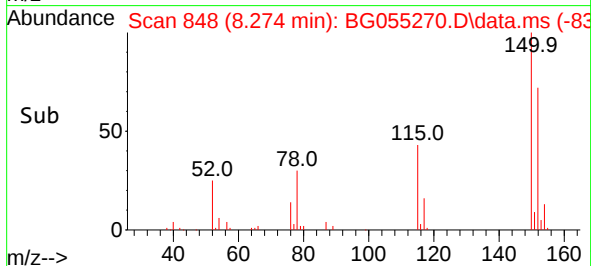
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Ion Ratio Lower Upper
152 100
150 157.5 118.2 177.4
115 60.3 44.5 66.7

Manual Integrations

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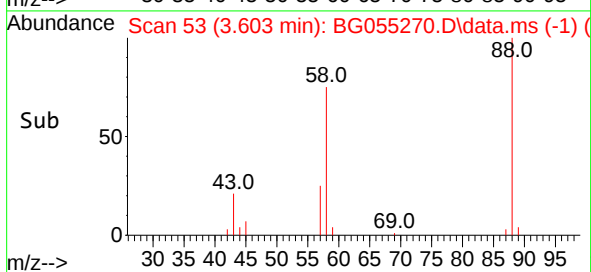
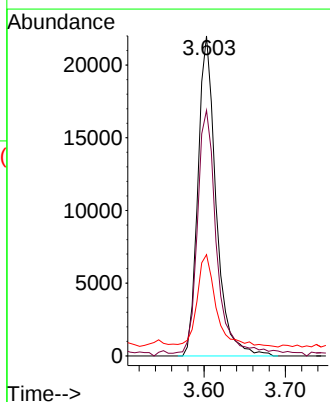
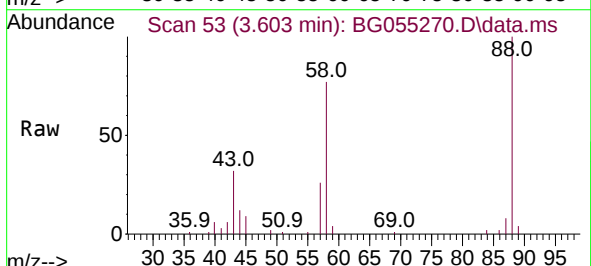
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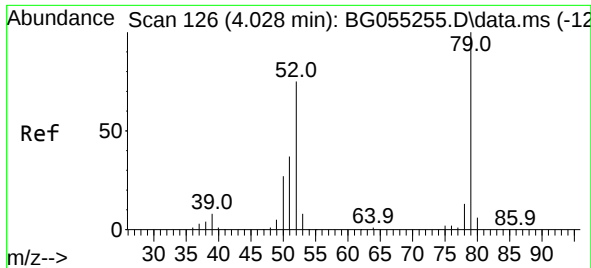
Supervised By :Jagrut
Upadhyay
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#2
1,4-Dioxane
Concen: 38.453 ng
RT: 3.603 min Scan# 53
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion: 88 Resp: 34091
Ion Ratio Lower Upper
88 100
58 84.3 61.0 91.6
43 30.7 21.5 32.3





#3
Pyridine
Concen: 36.056 ng
RT: 4.020 min Scan# 110
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

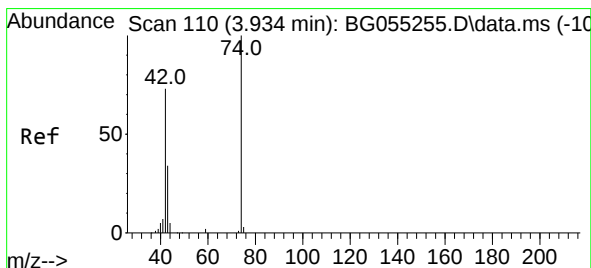
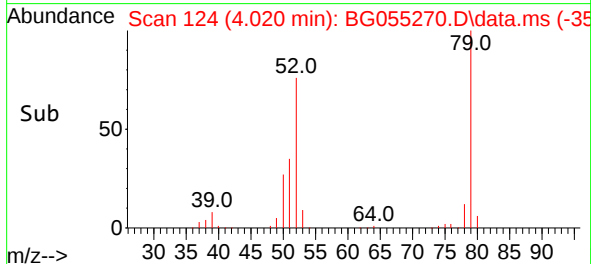
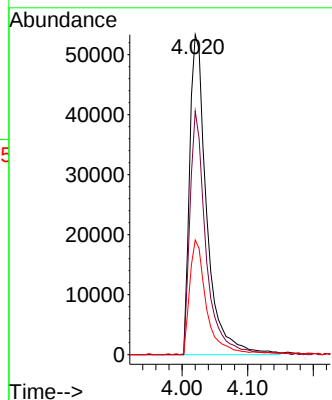
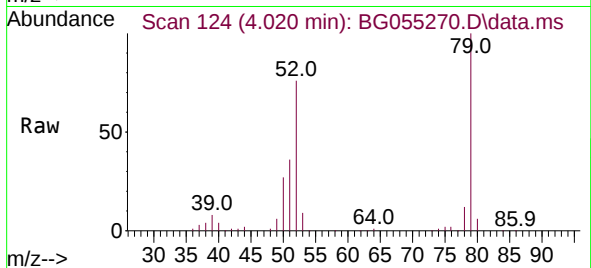
PB148536BS

Tgt Ion: 79 Resp: 96263
Ion Ratio Lower Upper
79 100
52 76.1 59.9 89.9
51 35.8 30.3 45.5

Manual Integrations
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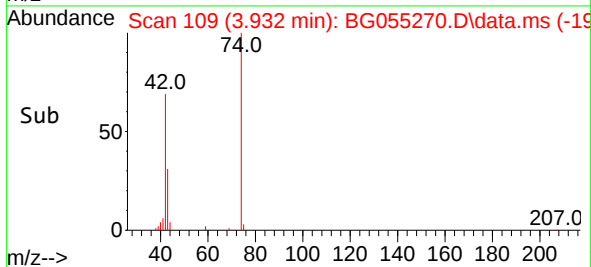
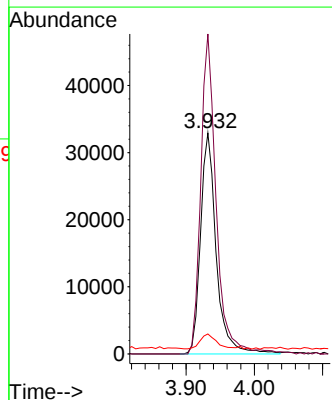
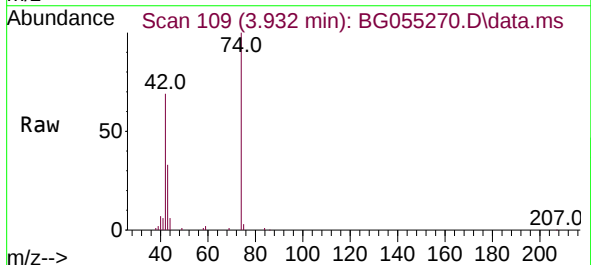
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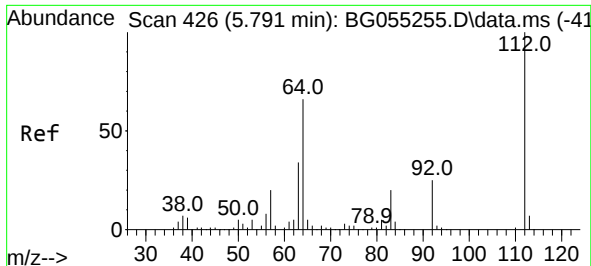
Supervised By :Jagrut
Upadhyay
11/02/2022



#4
n-Nitrosodimethylamine
Concen: 44.307 ng
RT: 3.932 min Scan# 109
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

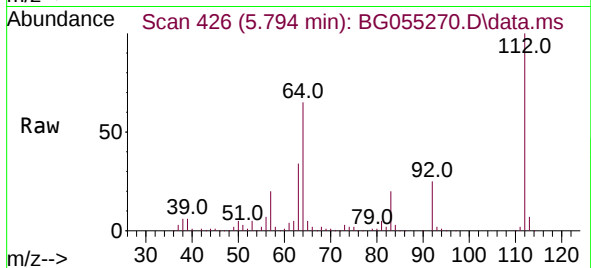
Tgt Ion: 42 Resp: 52555
Ion Ratio Lower Upper
42 100
74 144.8 109.8 164.6
44 9.0 6.5 9.7





#5
2-Fluorophenol
Concen: 172.180 ng
RT: 5.794 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

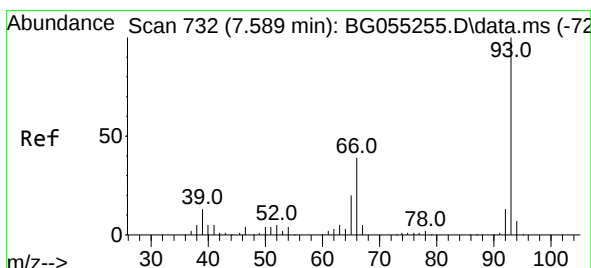
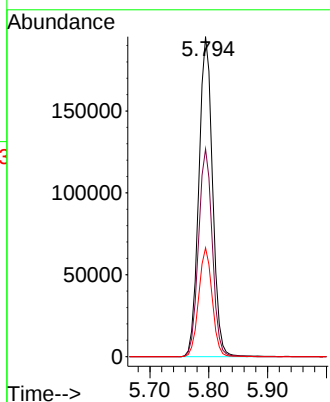


Tgt Ion:112 Resp: 316143
Ion Ratio Lower Upper
112 100
64 64.9 52.6 78.8
63 34.0 27.1 40.7

Manual Integrations
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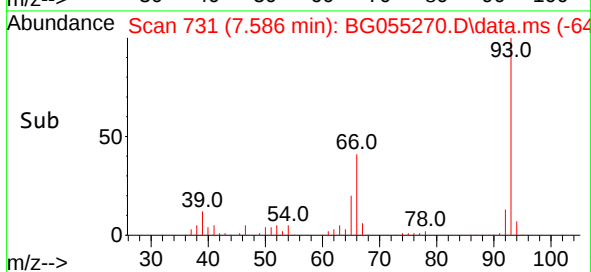
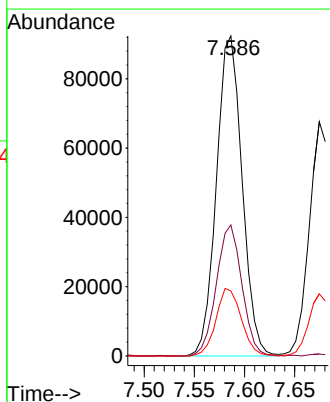
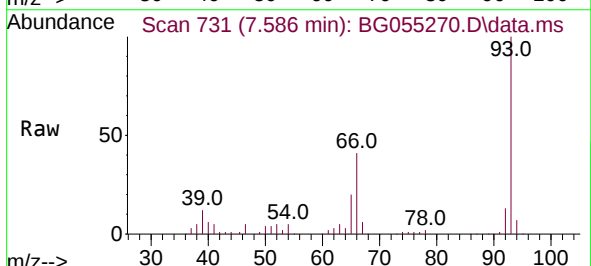
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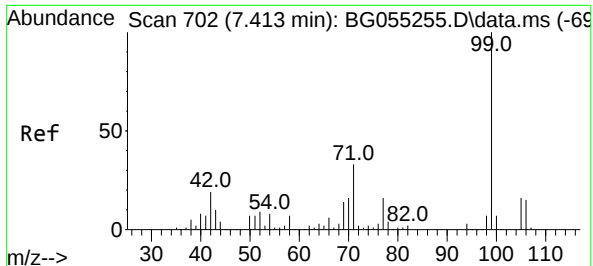
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11/02/2022



#6
Aniline
Concen: 47.254 ng
RT: 7.586 min Scan# 731
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

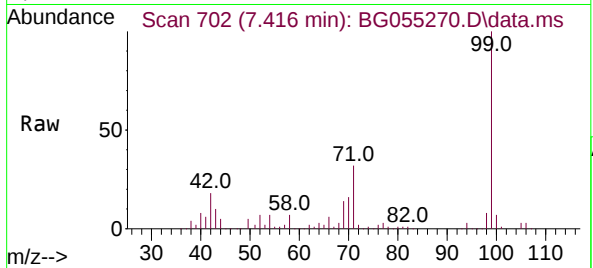
Tgt Ion: 93 Resp: 164558
Ion Ratio Lower Upper
93 100
66 40.9 31.6 47.4
65 20.3 16.0 24.0





#7
Phenol-d6
Concen: 164.469 ng
RT: 7.416 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
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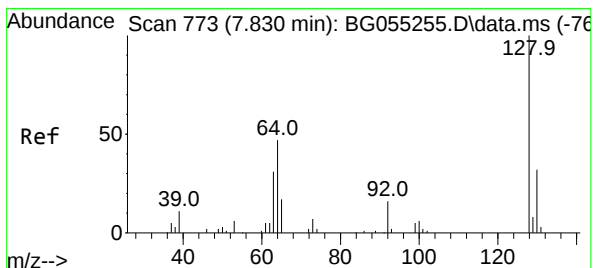
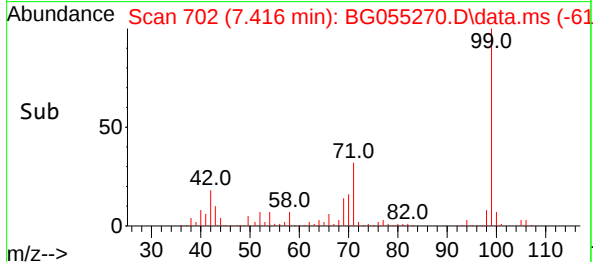
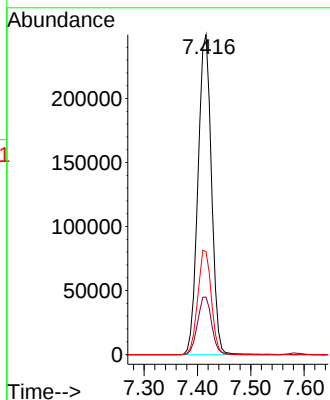


Tgt Ion: 99 Resp: 437506
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 32.1 26.2 39.4

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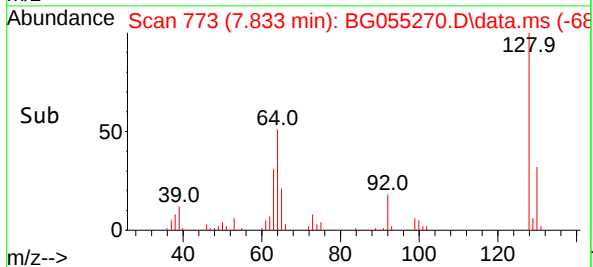
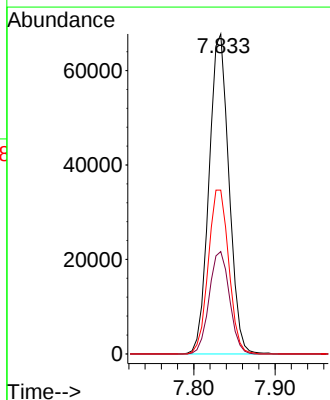
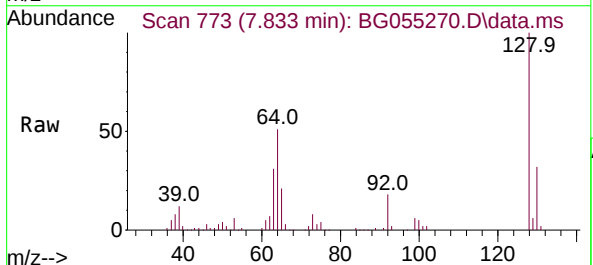
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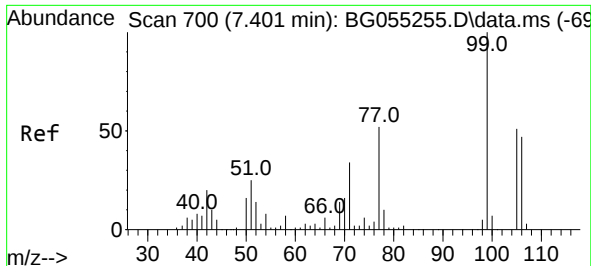
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Upadhyay
11/02/2022



#8
2-Chlorophenol
Concen: 54.056 ng
RT: 7.833 min Scan# 773
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:128 Resp: 115392
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 51.2 33.2 73.2





#9
Benzaldehyde
Concen: 31.828 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

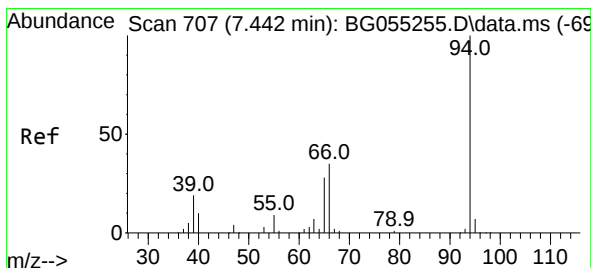
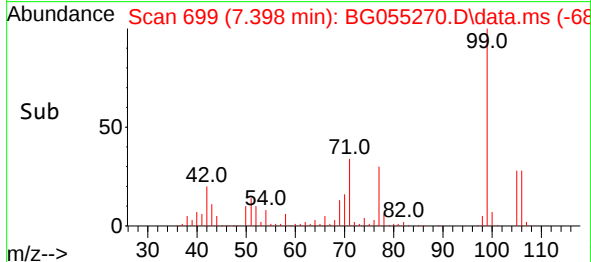
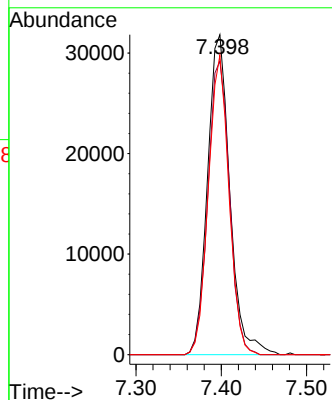
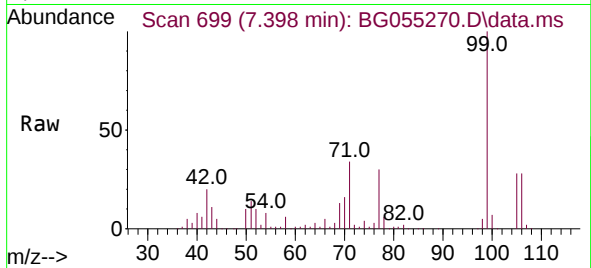
PB148536BS

Tgt Ion: 77 Resp: 57808
Ion Ratio Lower Upper
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105 91.7 77.9 117.9
106 93.5 69.9 109.9

Manual Integrations
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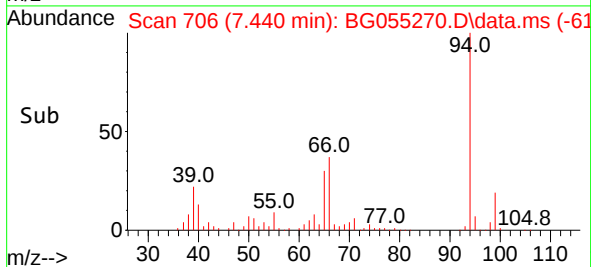
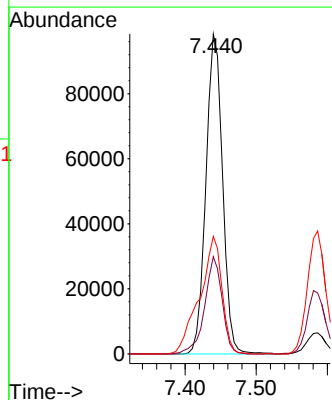
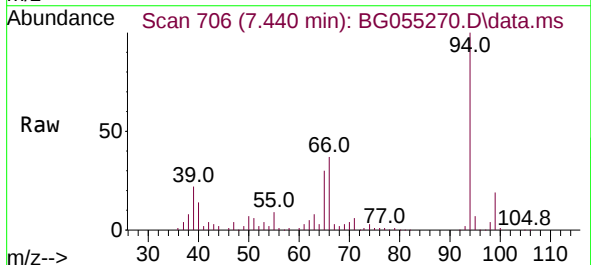
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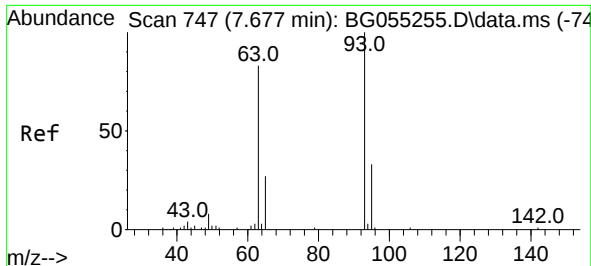
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Upadhyay
11/02/2022



#10
Phenol
Concen: 53.496 ng
RT: 7.440 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

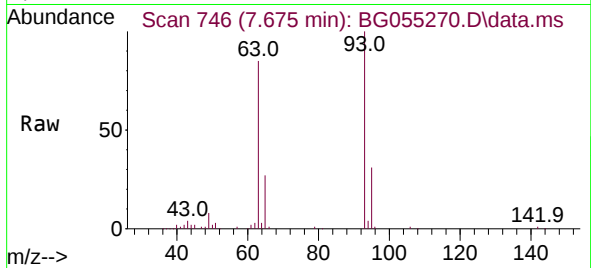
Tgt Ion: 94 Resp: 159398
Ion Ratio Lower Upper
94 100
65 30.4 8.4 48.4
66 36.7 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 47.307 ng
RT: 7.675 min Scan# 74
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

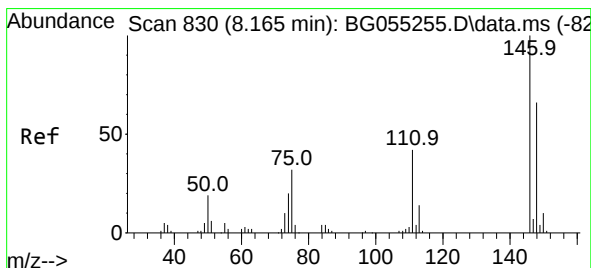
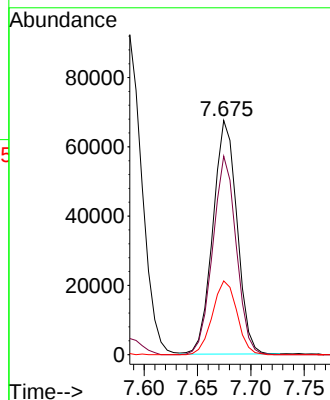


Tgt Ion: 93 Resp: 106405
Ion Ratio Lower Upper
93 100
63 84.8 62.0 102.0
95 31.5 12.4 52.4

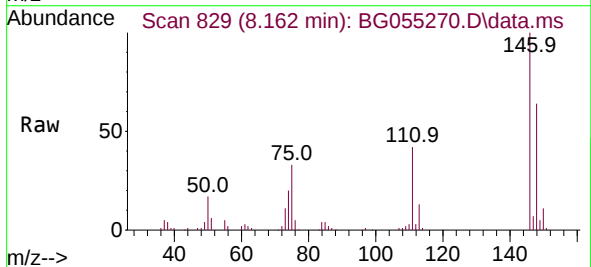
Manual Integrations
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Supervised By :Jagrut Upadhyay 11/02/2022

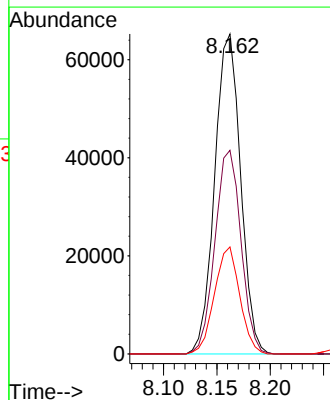
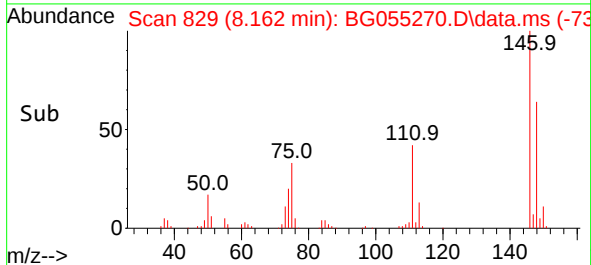
Supervised By :Jagrut
Upadhyay
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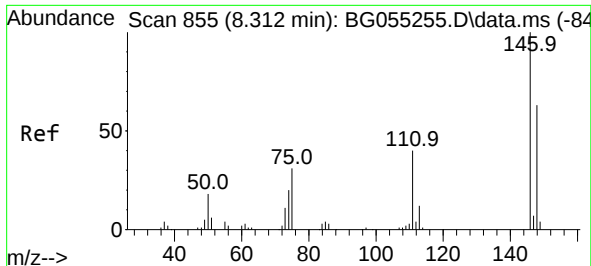


#12
1,3-Dichlorobenzene
Concen: 47.394 ng
RT: 8.162 min Scan# 829
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



Tgt Ion:146 Resp: 110386
Ion Ratio Lower Upper
146 100
148 63.6 52.9 79.3
75 33.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 47.126 ng

RT: 8.309 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG055270.D

Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

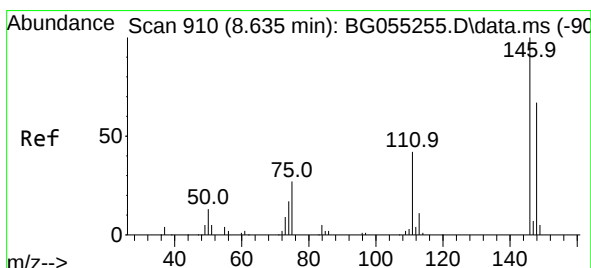
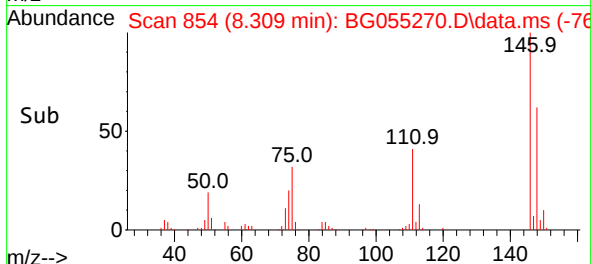
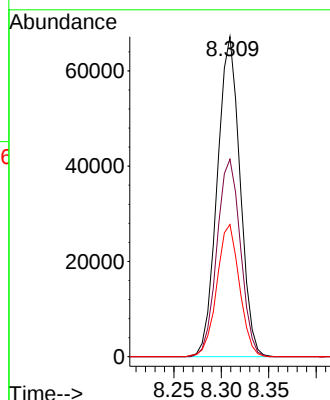
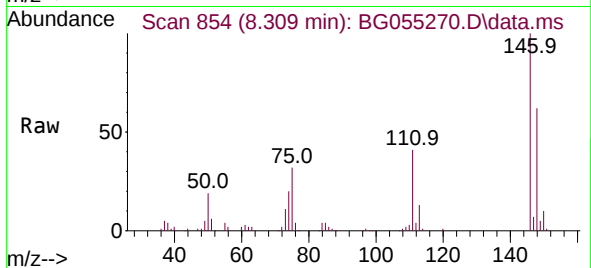
PB148536BS

Tgt Ion:146 Resp: 112112
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.5 75.7
 111 41.3 32.4 48.6

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#14

1,2-Dichlorobenzene

Concen: 48.336 ng

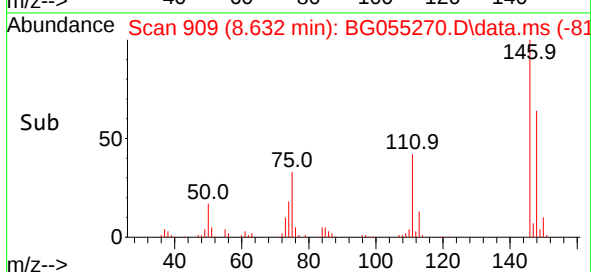
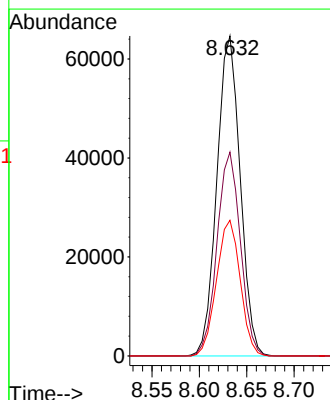
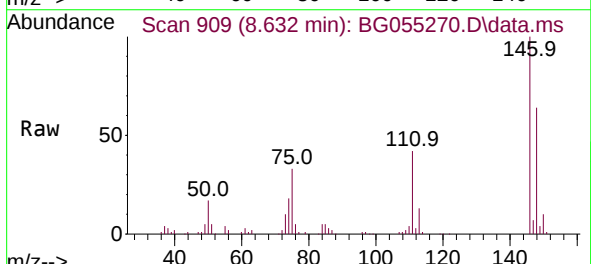
RT: 8.632 min Scan# 909

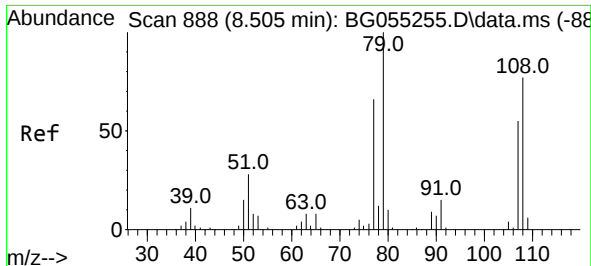
Delta R.T. -0.002 min

Lab File: BG055270.D

Acq: 25 Oct 2022 10:22

Tgt Ion:146 Resp: 110713
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.4 80.0
 111 42.4 34.0 51.0





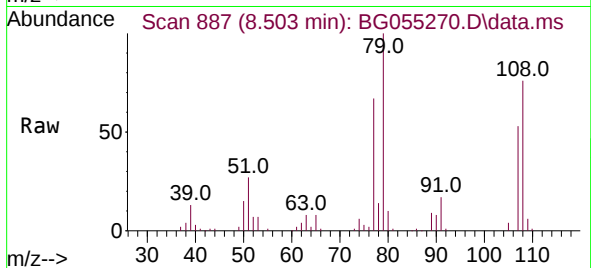
#15
Benzyl Alcohol
Concen: 50.551 ng m
RT: 8.503 min Scan# 888
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

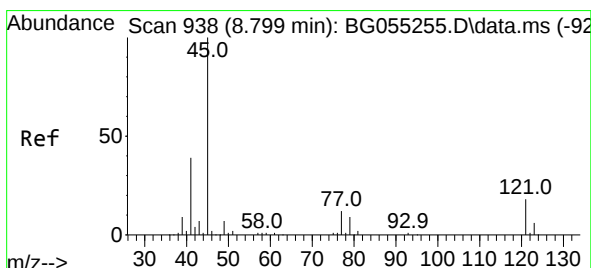
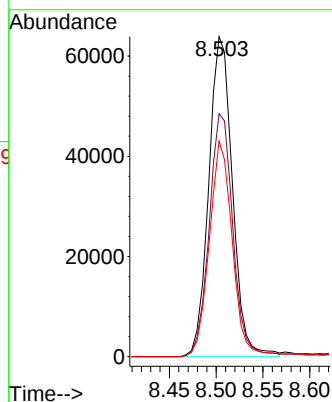


Tgt Ion: 79 Resp: 112536
Ion Ratio Lower Upper
79 100
108 75.9 61.3 91.9
77 67.4 52.7 79.1

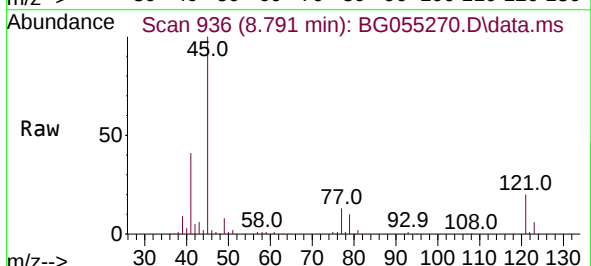
Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

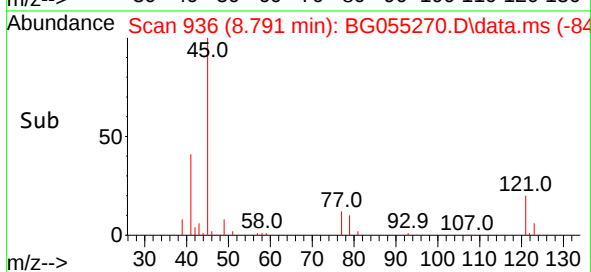
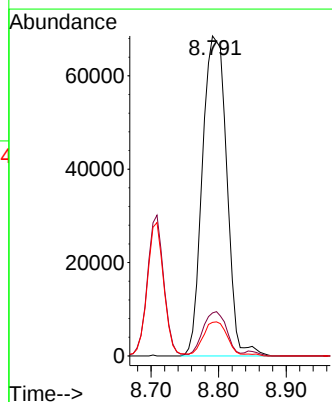
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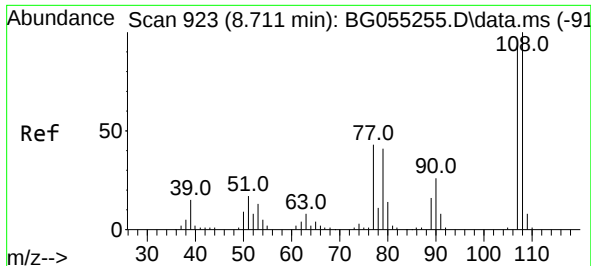


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.566 ng m
RT: 8.791 min Scan# 936
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



Tgt Ion: 45 Resp: 171407
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 10.5 0.0 29.6





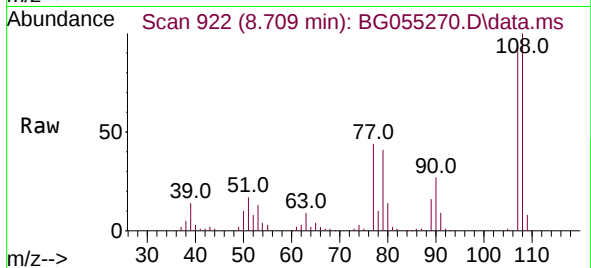
#17
2-Methylphenol
Concen: 52.148 ng
RT: 8.709 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

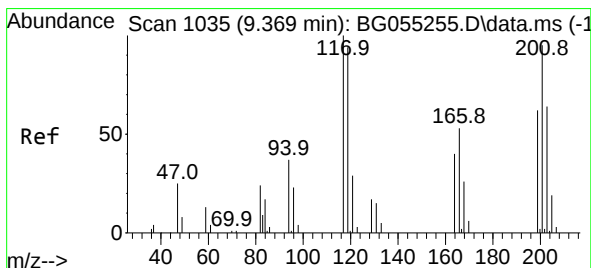
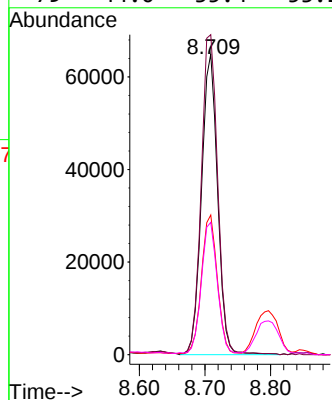


Tgt Ion:107 Resp: 109889
Ion Ratio Lower Upper
107 100
108 106.4 86.0 129.0
77 46.4 37.4 56.0
79 44.0 35.4 53.2

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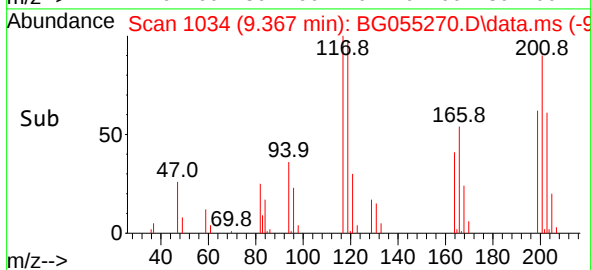
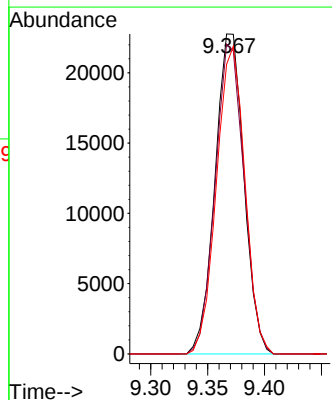
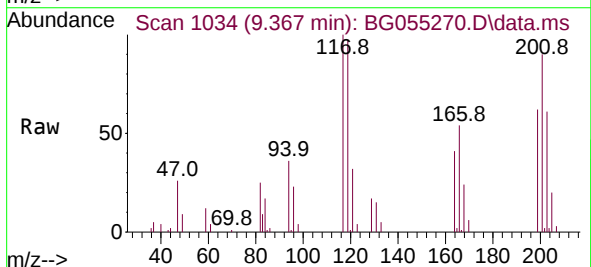
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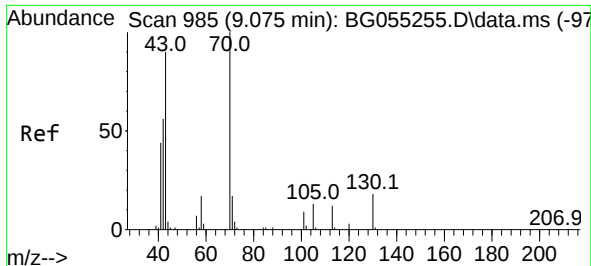
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#18
Hexachloroethane
Concen: 47.374 ng
RT: 9.367 min Scan# 1034
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:117 Resp: 40132
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.2
201 90.5 75.8 113.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.385 ng

RT: 9.073 min Scan# 985

Delta R.T. -0.002 min

Lab File: BG055270.D

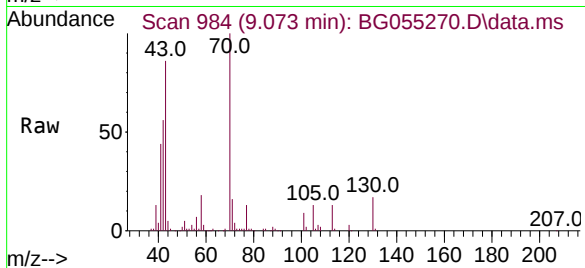
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



Tgt Ion: 70 Resp: 100256

Ion Ratio Lower Upper

70 100

42 55.6 45.8 68.6

101 8.6 7.4 11.0

130 17.4 14.1 21.1

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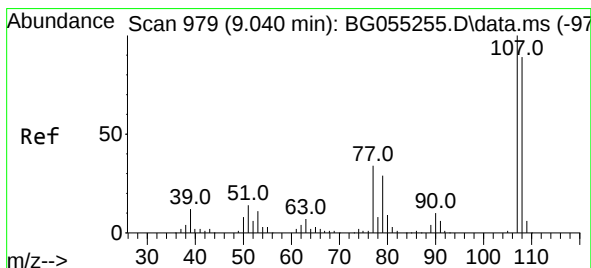
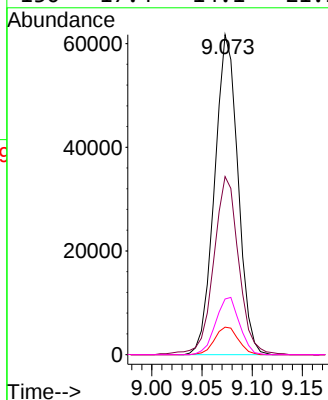
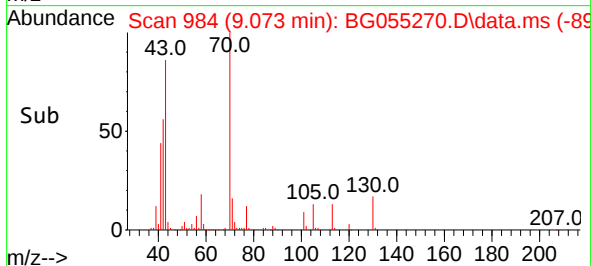
Reviewed By :Christian Giraldo 11/02/2022

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Supervised By :Jagrut

Upadhyay

11/02/2022



#20

3+4-Methylphenols

Concen: 49.920 ng

RT: 9.032 min Scan# 977

Delta R.T. -0.008 min

Lab File: BG055270.D

Acq: 25 Oct 2022 10:22

Tgt Ion:107 Resp: 150665

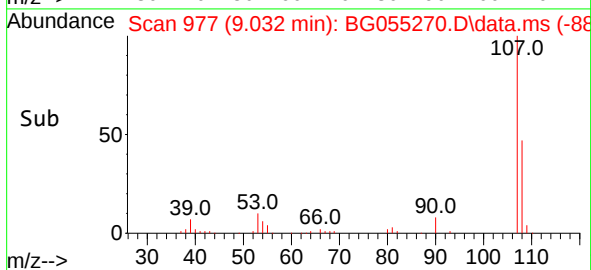
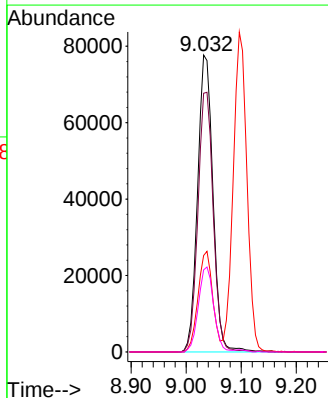
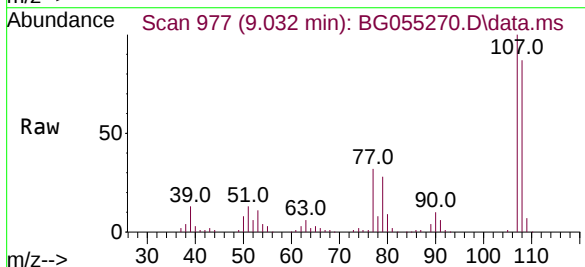
Ion Ratio Lower Upper

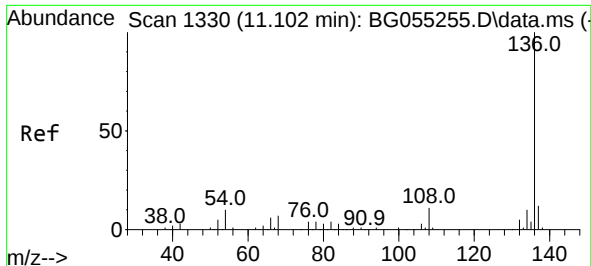
107 100

108 87.1 68.5 108.5

77 32.5 14.0 54.0

79 27.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1330
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

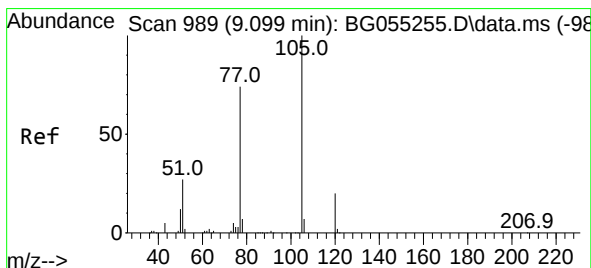
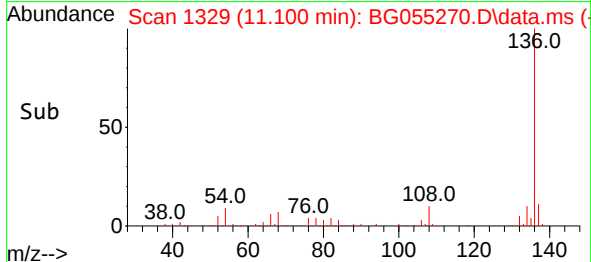
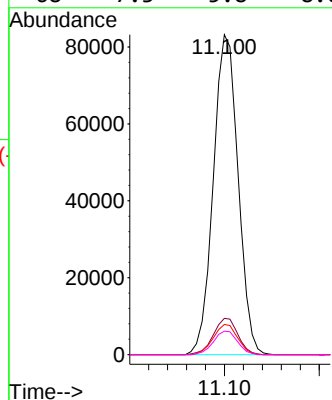
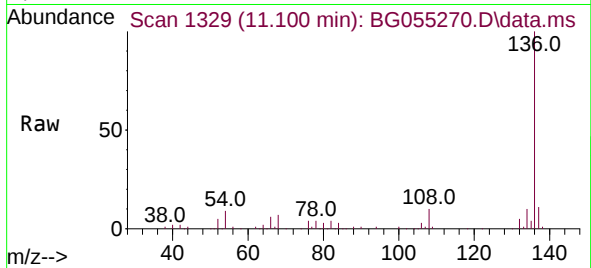
PB148536BS

Tgt Ion:136 Resp: 15101
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.4 7.8 11.8
68 7.3 5.8 8.6

Manual Integrations
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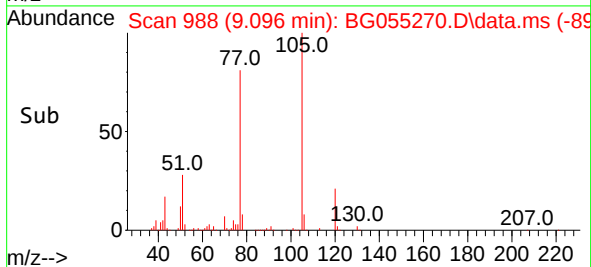
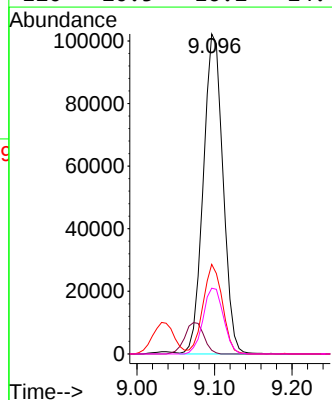
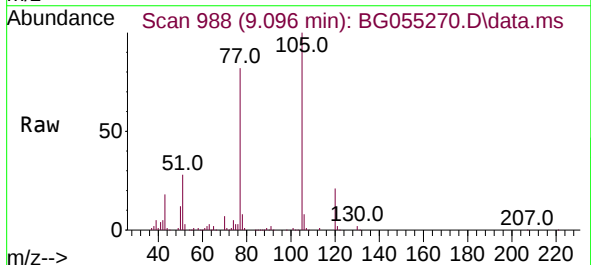
Reviewed By :Christian Giraldo 11/02/2022
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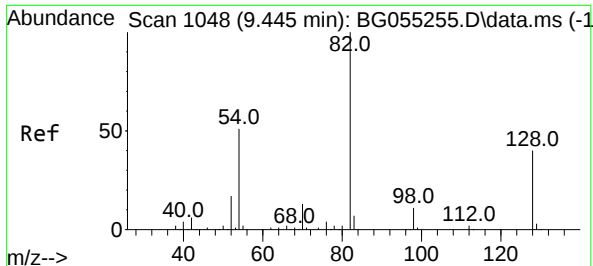
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#22
Acetophenone
Concen: 46.623 ng
RT: 9.096 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:105 Resp: 179997
Ion Ratio Lower Upper
105 100
71 1.1 0.8 1.2
51 28.0 22.9 34.3
120 20.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 88.243 ng
RT: 9.443 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

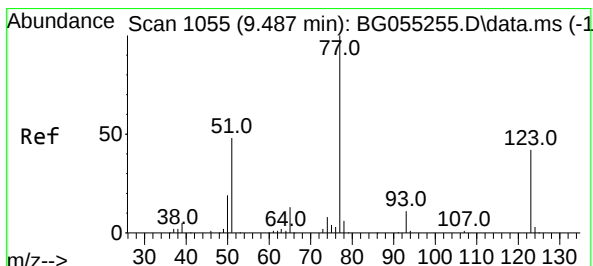
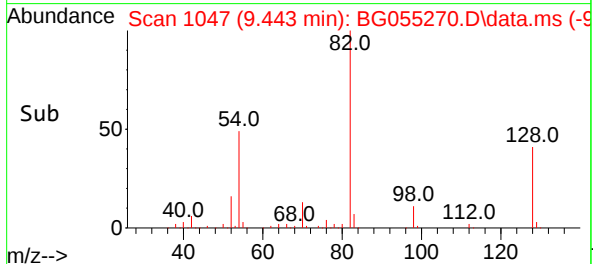
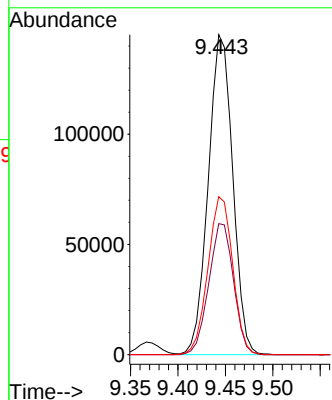
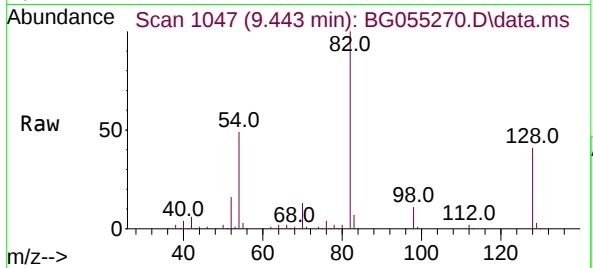
PB148536BS

Tgt Ion: 82 Resp: 260965
Ion Ratio Lower Upper
82 100
128 40.9 32.0 48.0
54 49.4 40.9 61.3

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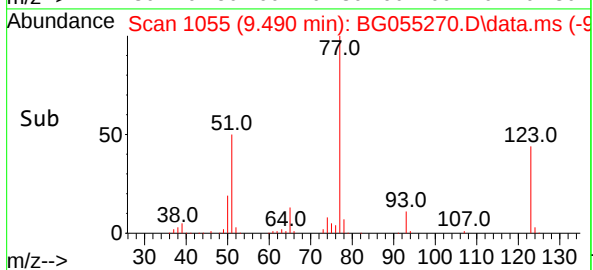
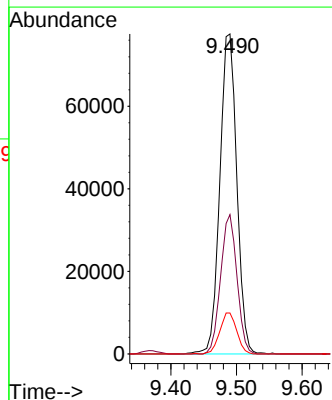
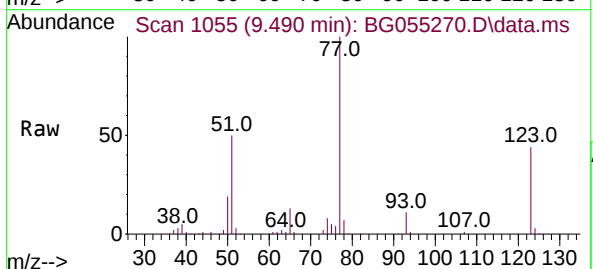
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

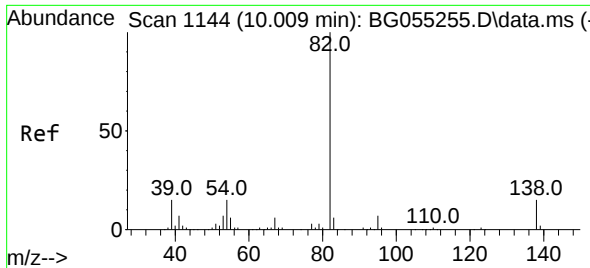
Supervised By :Jagrut
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11/02/2022



#24
Nitrobenzene
Concen: 45.296 ng
RT: 9.490 min Scan# 1055
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

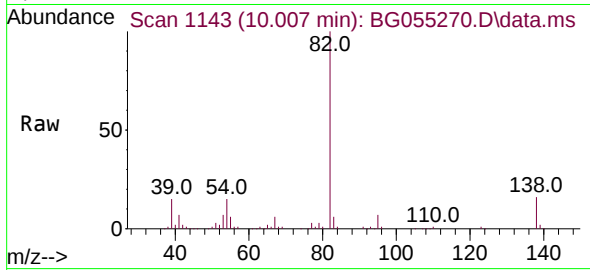
Tgt Ion: 77 Resp: 139479
Ion Ratio Lower Upper
77 100
123 43.5 33.6 50.4
65 12.8 10.2 15.4





#25
Isophorone
Concen: 46.404 ng
RT: 10.007 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

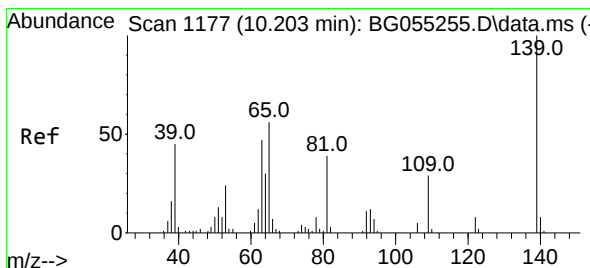
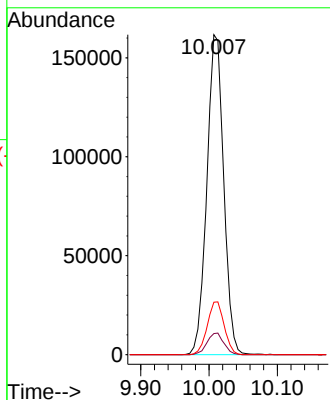


Tgt Ion: 82 Resp: 277190
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.4 12.2 18.4

Manual Integrations
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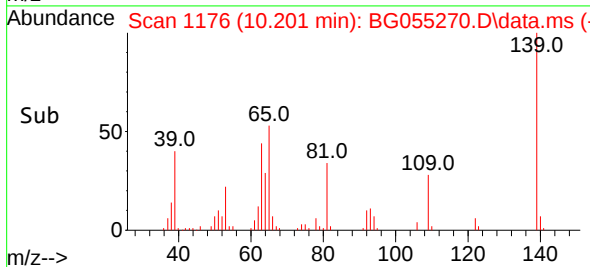
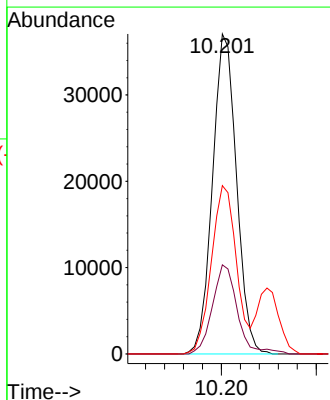
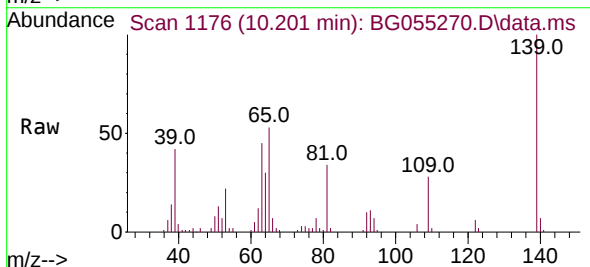
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

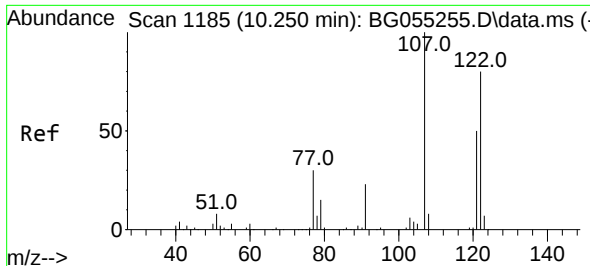
Supervised By :Jagrut
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11/02/2022



#26
2-Nitrophenol
Concen: 48.290 ng
RT: 10.201 min Scan# 1176
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:139 Resp: 65118
Ion Ratio Lower Upper
139 100
109 27.8 23.3 34.9
65 52.6 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 57.206 ng m

RT: 10.248 min Scan# 1184

Delta R.T. -0.002 min

Lab File: BG055270.D

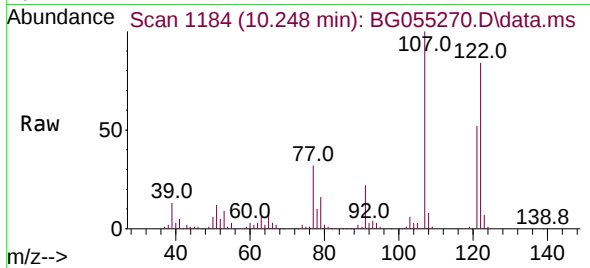
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



Tgt Ion:122 Resp: 120429

Ion Ratio Lower Upper

122 100

107 118.8 97.3 145.9

121 61.5 48.5 72.7

Manual Integrations

APPROVED

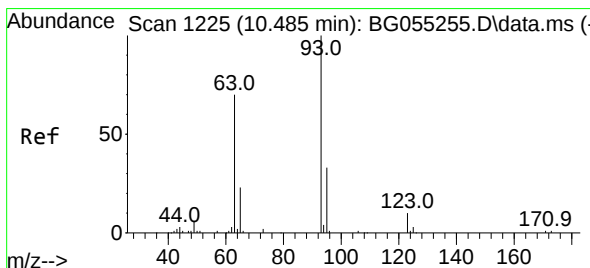
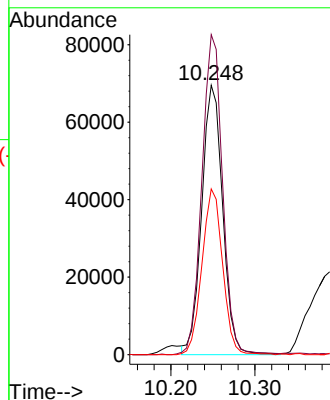
Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022

Supervised By :Jagrut

Upadhyay

11/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.476 ng

RT: 10.483 min Scan# 1224

Delta R.T. -0.002 min

Lab File: BG055270.D

Acq: 25 Oct 2022 10:22

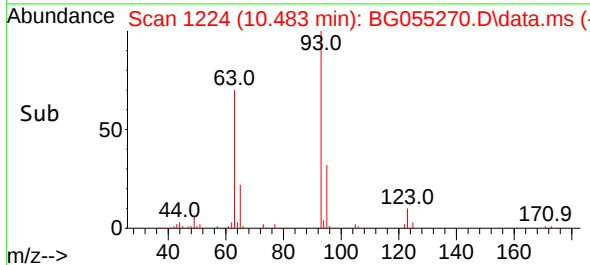
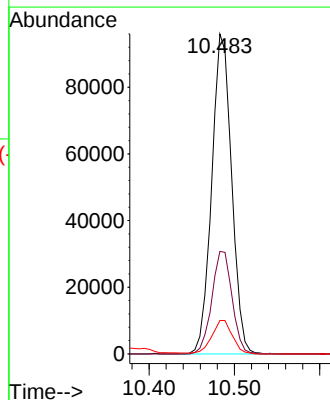
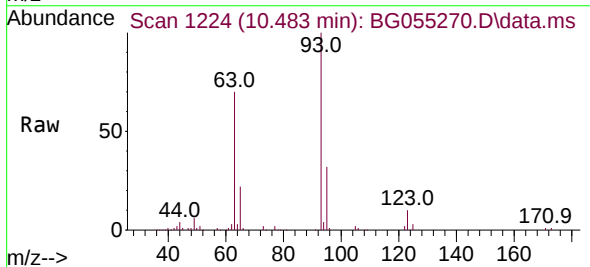
Tgt Ion: 93 Resp: 155249

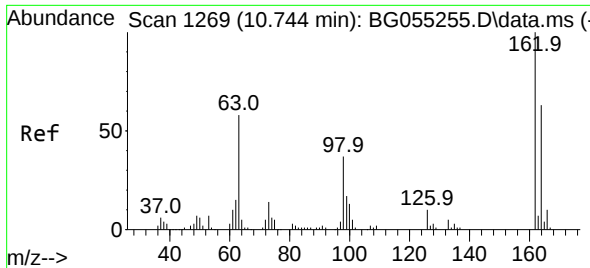
Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

123 10.4 7.9 11.9





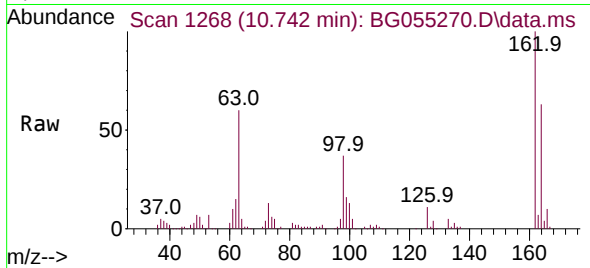
#29
2,4-Dichlorophenol
Concen: 50.703 ng
RT: 10.742 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

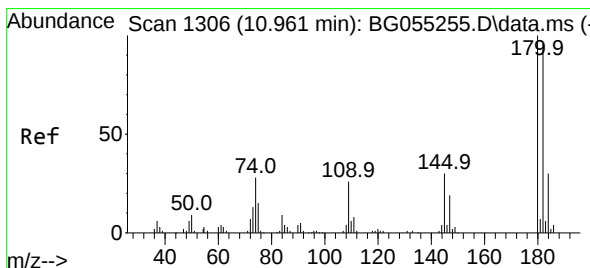
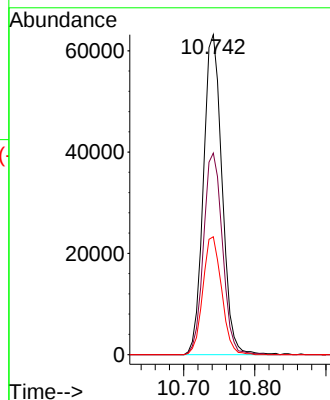


Tgt Ion:162 Resp: 114507
Ion Ratio Lower Upper
162 100
164 63.0 42.9 82.9
98 36.8 17.3 57.3

Manual Integrations
APPROVED

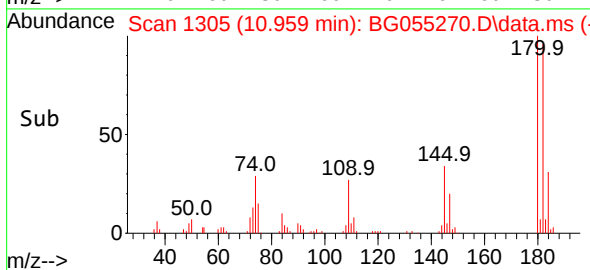
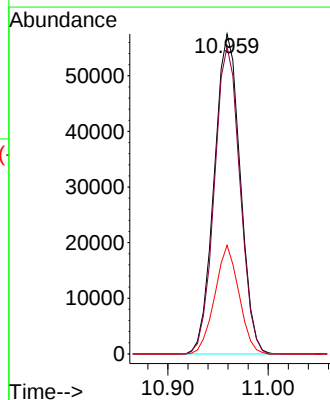
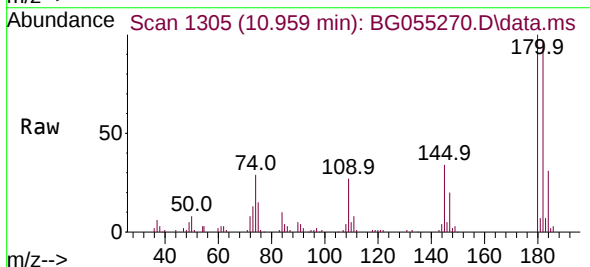
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

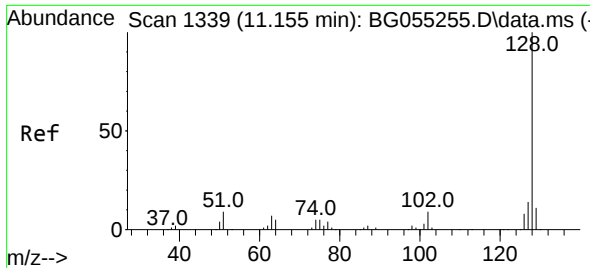
Supervised By :Jagrut
Upadhyay
11/02/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.858 ng
RT: 10.959 min Scan# 1305
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

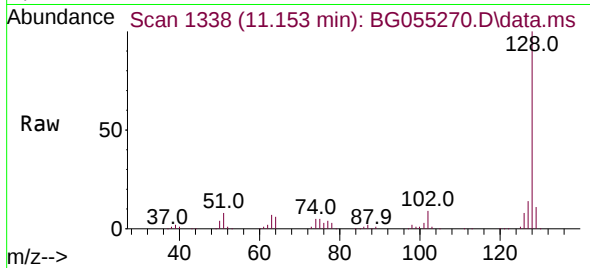
Tgt Ion:180 Resp: 103394
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 33.9 24.4 36.6





#31
Naphthalene
Concen: 44.588 ng
RT: 11.153 min Scan# 1339
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

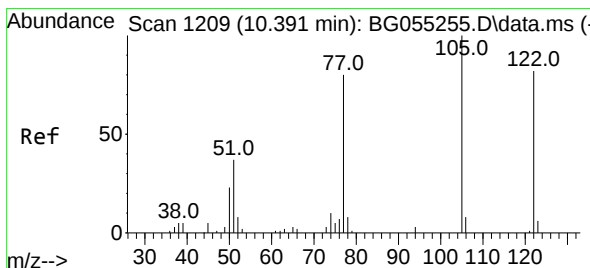
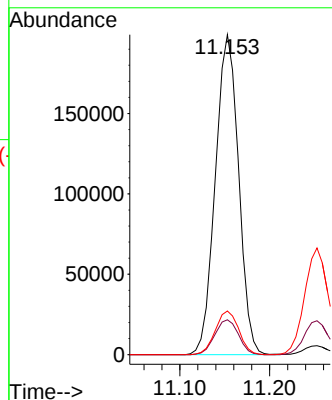


Tgt Ion:128 Resp: 359202
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 11.1 16.7

Manual Integrations
APPROVED

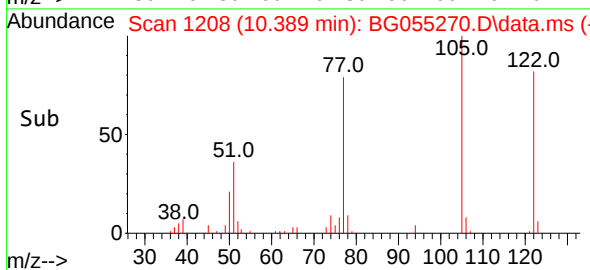
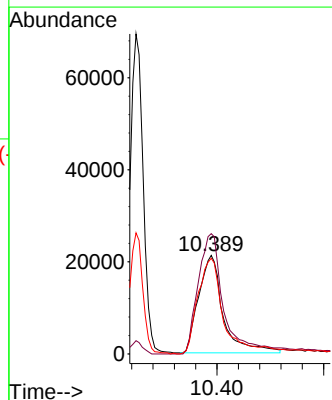
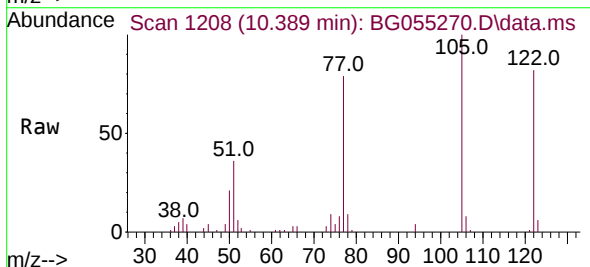
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

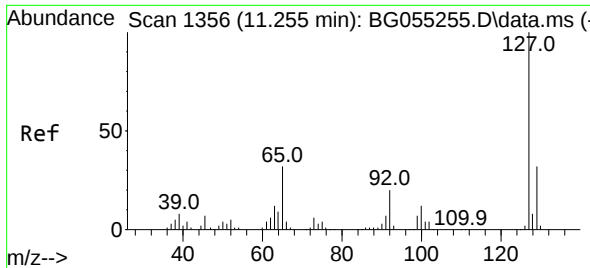
Supervised By :Jagrut
Upadhyay
11/02/2022



#32
Benzoic acid
Concen: 43.201 ng
RT: 10.389 min Scan# 1208
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

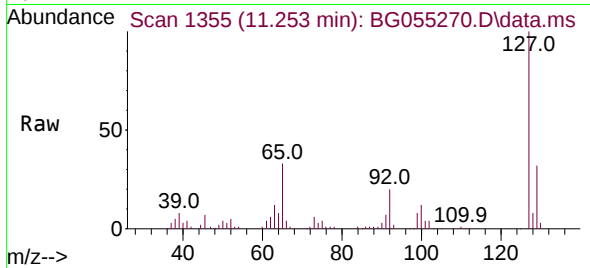
Tgt Ion:122 Resp: 67985
Ion Ratio Lower Upper
122 100
105 122.2 101.3 141.3
77 97.1 76.9 116.9





#33
4-Chloroaniline
Concen: 35.642 ng
RT: 11.253 min Scan# 1355
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

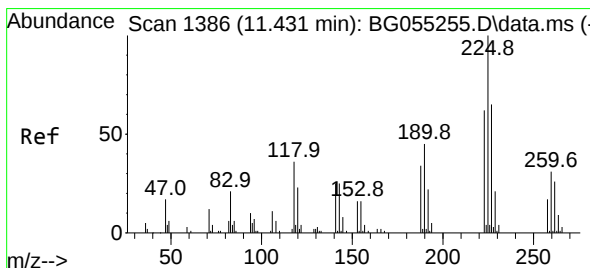
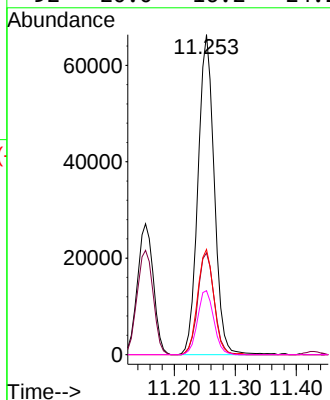
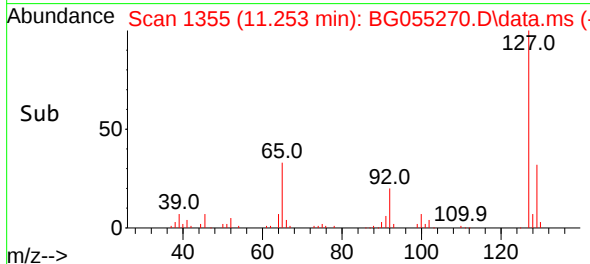


Tgt Ion:127 Resp: 12275
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.0
65 32.9 25.5 38.3
92 20.0 16.2 24.2

Manual Integrations
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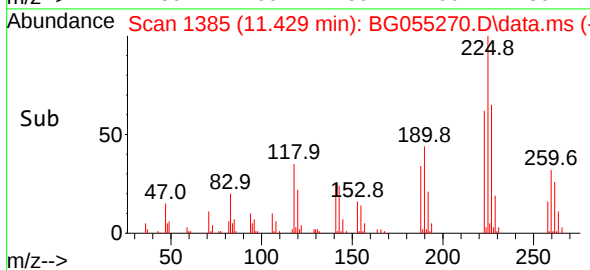
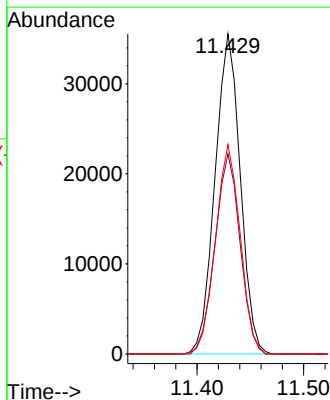
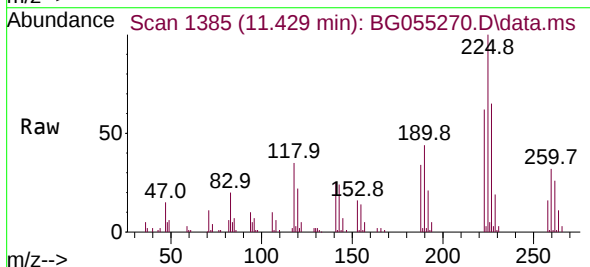
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

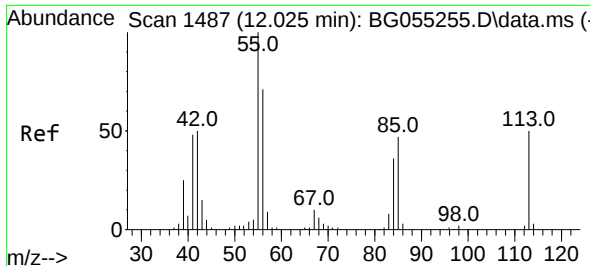
Supervised By :Jagrut
Upadhyay
11/02/2022



#34
Hexachlorobutadiene
Concen: 44.437 ng
RT: 11.429 min Scan# 1385
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

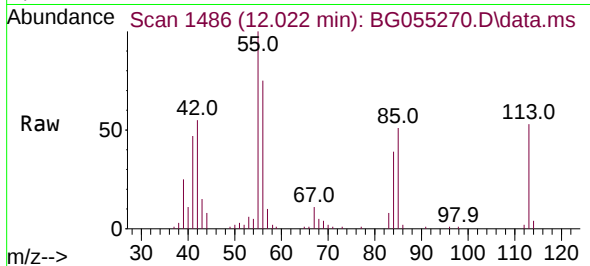
Tgt Ion:225 Resp: 58522
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.2
227 65.4 52.4 78.6





#35
Caprolactam
Concen: 48.279 ng m
RT: 12.022 min Scan# 1487
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

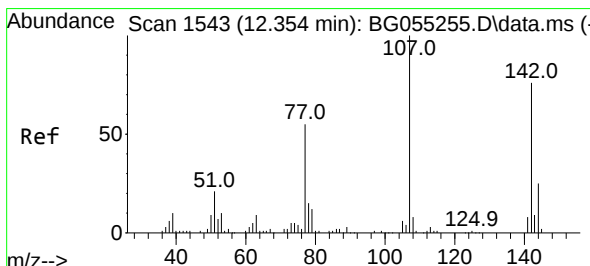
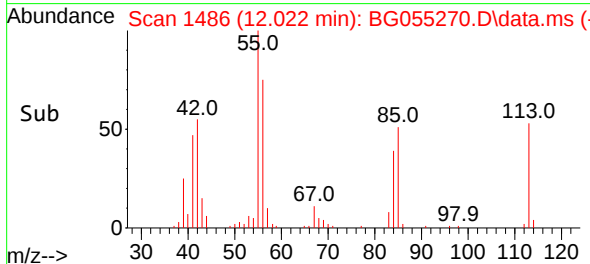
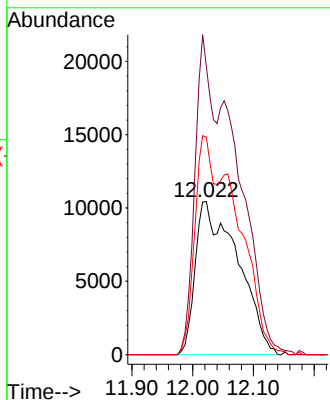


Tgt Ion:113 Resp: 50603
Ion Ratio Lower Upper
113 100
55 188.1 178.2 218.2
56 142.0 121.0 161.0

Manual Integrations
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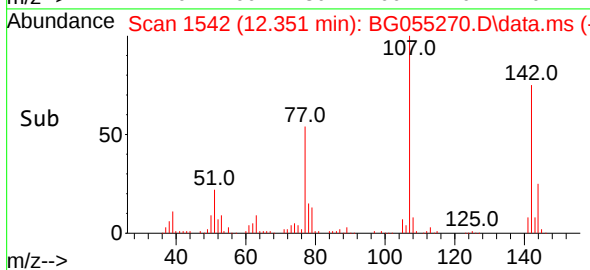
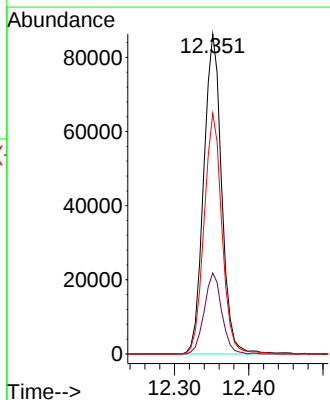
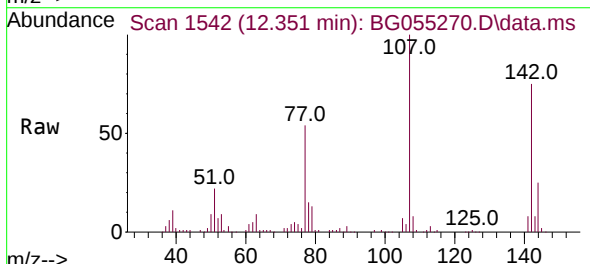
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

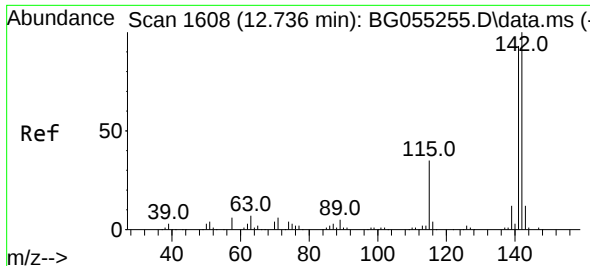
Supervised By :Jagrut
Upadhyay
11/02/2022



#36
4-Chloro-3-methylphenol
Concen: 50.844 ng
RT: 12.351 min Scan# 1542
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:107 Resp: 144486
Ion Ratio Lower Upper
107 100
144 25.3 20.3 30.5
142 75.2 60.5 90.7





#37
2-Methylnaphthalene
Concen: 44.784 ng
RT: 12.733 min Scan# 1607
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

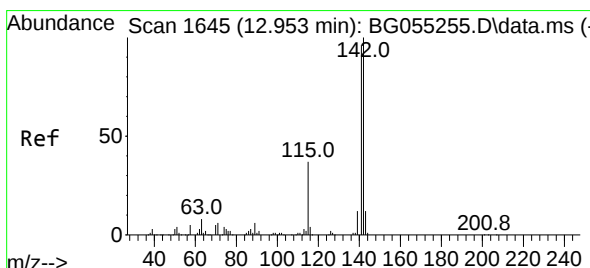
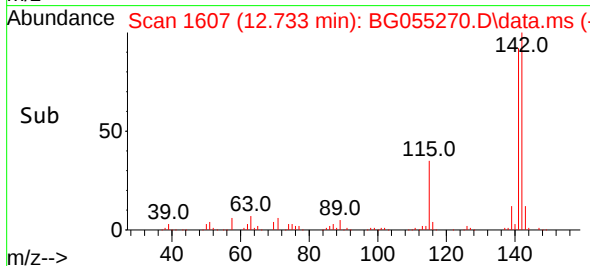
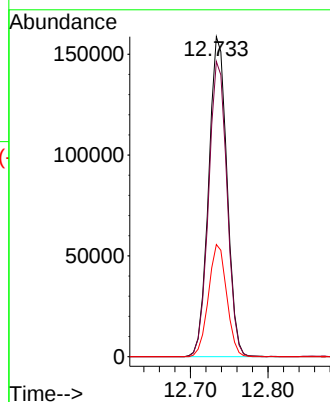
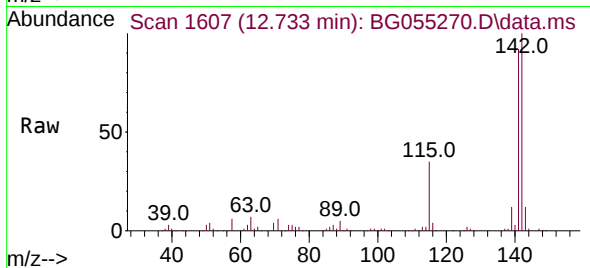
Tgt Ion:142 Resp: 260115
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0
115 35.0 28.3 42.5

Manual Integrations

APPROVED

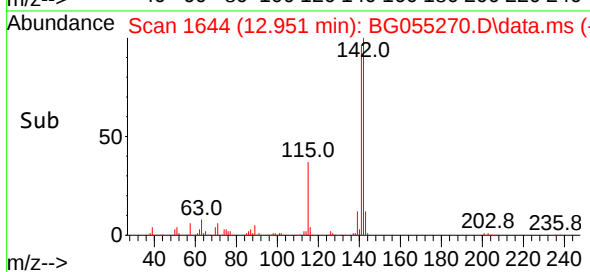
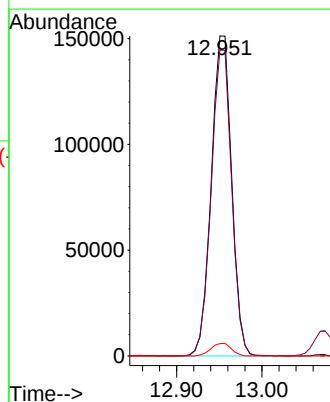
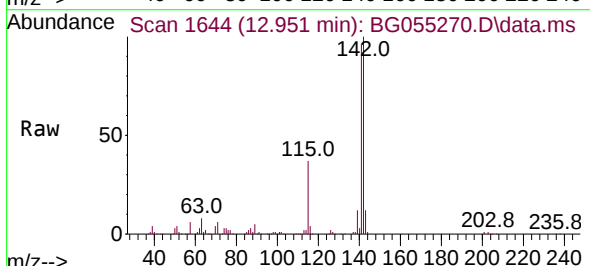
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

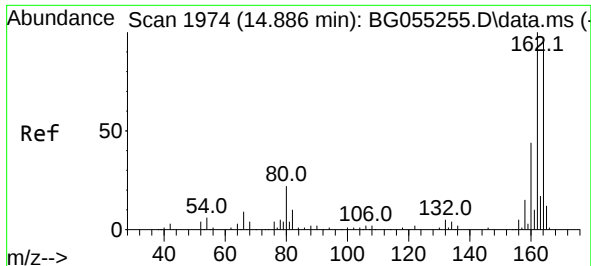
Supervised By :Jagrut
Upadhyay
11/02/2022



#38
1-Methylnaphthalene
Concen: 43.857 ng
RT: 12.951 min Scan# 1644
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:142 Resp: 251306
Ion Ratio Lower Upper
142 100
141 95.5 77.1 115.7
116 3.8 3.0 4.6





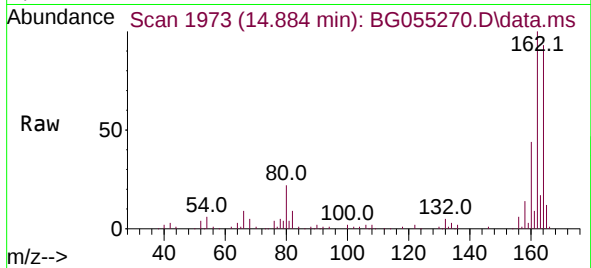
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.884 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

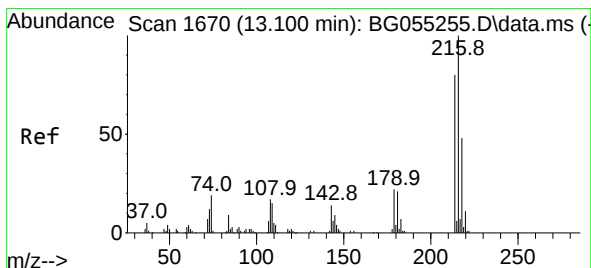
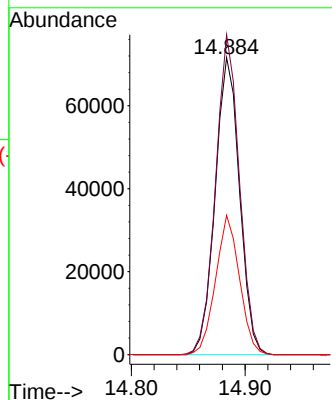


Tgt Ion:164 Resp: 10625
Ion Ratio Lower Upper
164 100
162 107.7 84.0 126.0
160 46.9 36.7 55.1

Manual Integrations
APPROVED

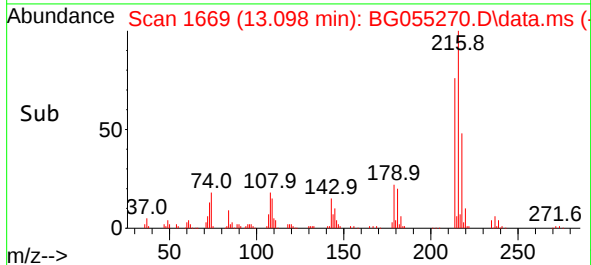
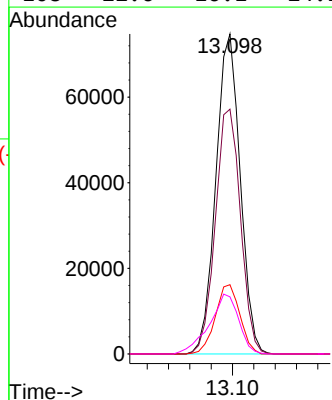
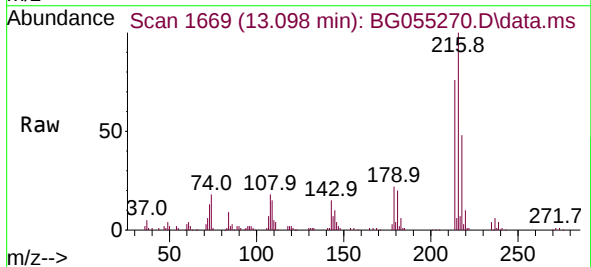
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

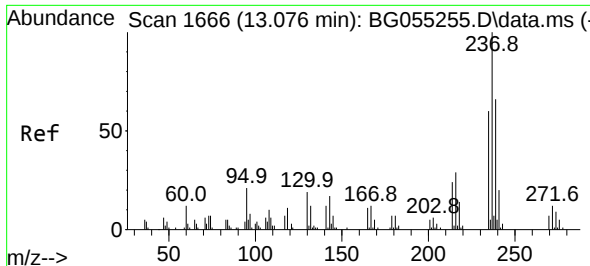
Supervised By :Jagrut
Upadhyay
11/02/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.279 ng
RT: 13.098 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

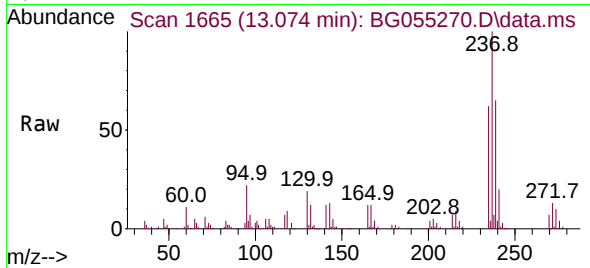
Tgt Ion:216 Resp: 118597
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 21.8 17.2 25.8
108 22.6 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 118.574 ng
RT: 13.074 min Scan# 1665
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

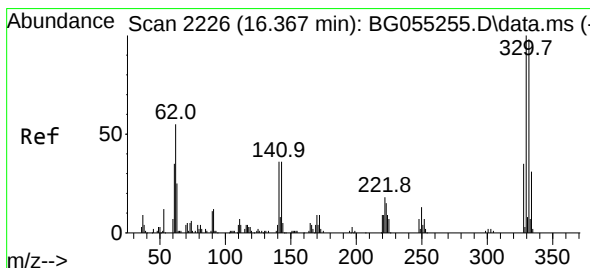
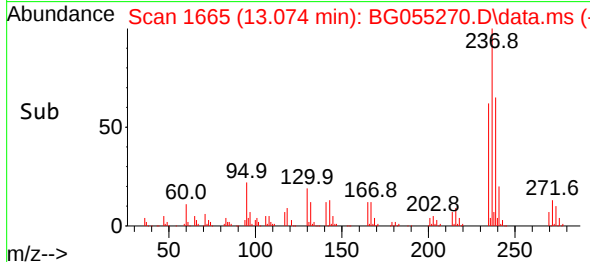
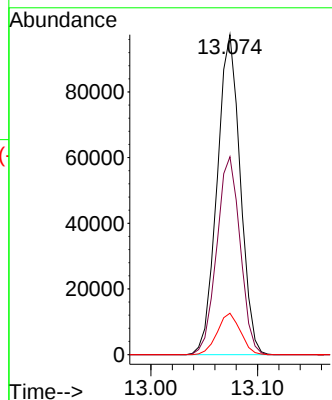


Tgt Ion:237 Resp: 147236
Ion Ratio Lower Upper
237 100
235 61.8 40.4 80.4
272 12.9 0.0 31.7

Manual Integrations
APPROVED

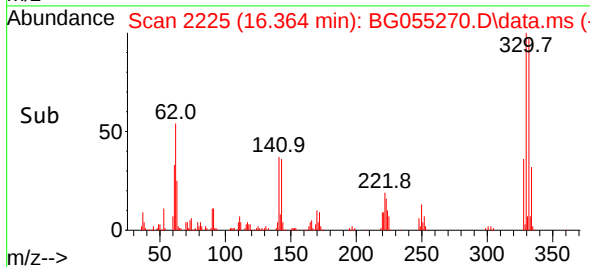
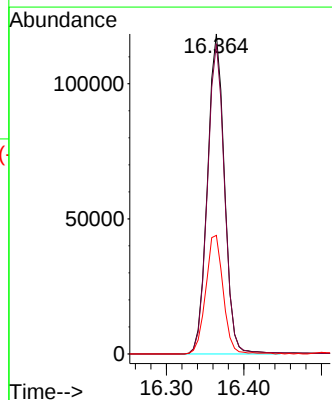
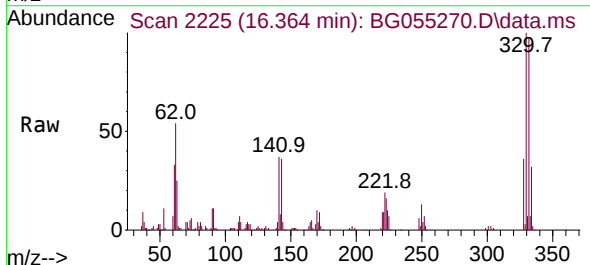
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

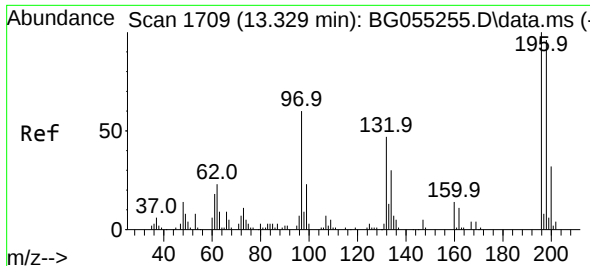
Supervised By :Jagrut
Upadhyay
11/02/2022



#42
2,4,6-Tribromophenol
Concen: 156.324 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

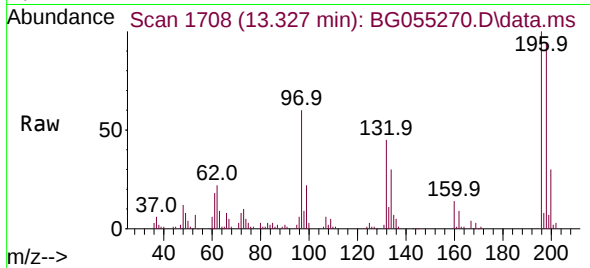
Tgt Ion:330 Resp: 180560
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 38.0 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 48.348 ng
RT: 13.327 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

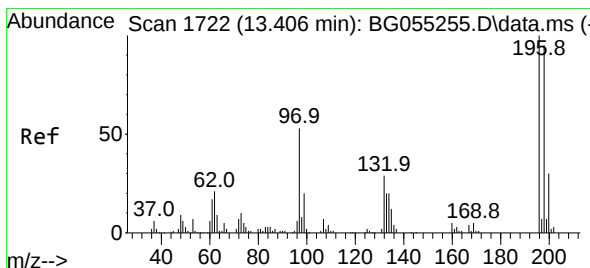
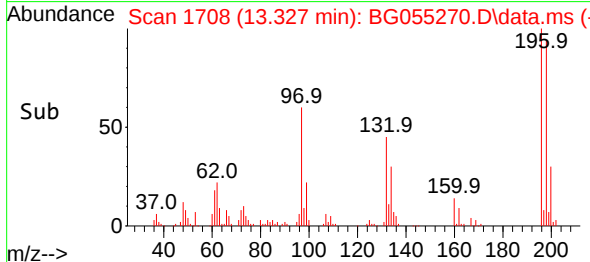
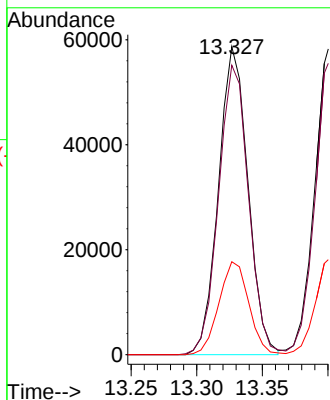


Tgt Ion:196 Resp: 91509
Ion Ratio Lower Upper
196 100
198 94.0 76.5 114.7
200 30.2 25.8 38.8

Manual Integrations
APPROVED

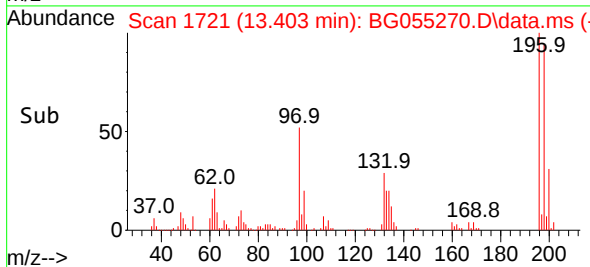
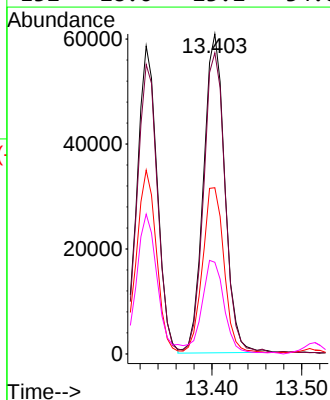
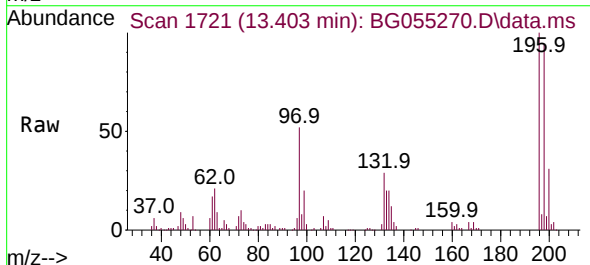
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

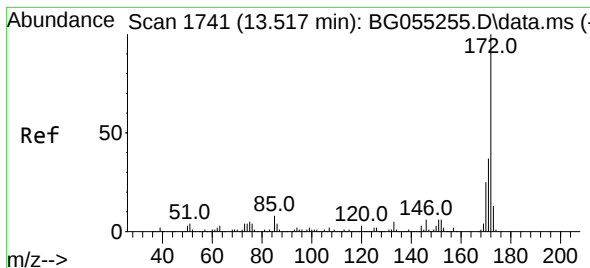
Supervised By :Jagrut
Upadhyay
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#44
2,4,5-Trichlorophenol
Concen: 47.862 ng
RT: 13.403 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:196 Resp: 100198
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.2
97 51.9 42.3 63.5
132 28.6 23.2 34.8





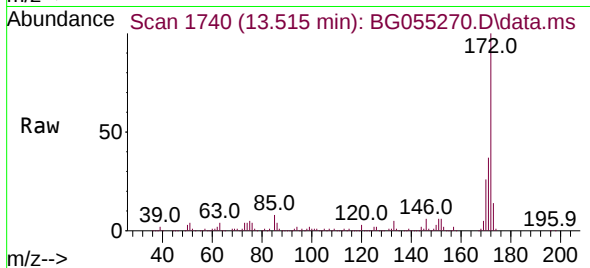
#45
2-Fluorobiphenyl
Concen: 88.003 ng
RT: 13.515 min Scan# 1741
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

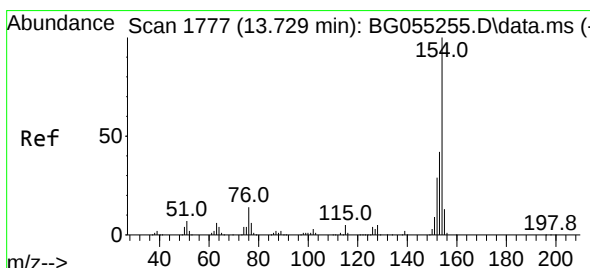
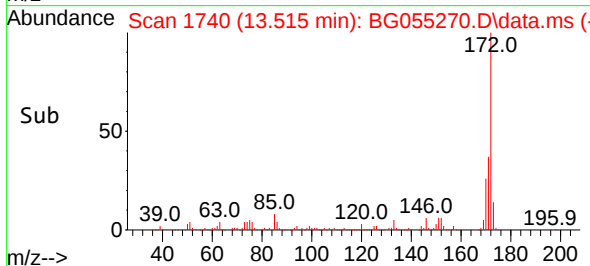
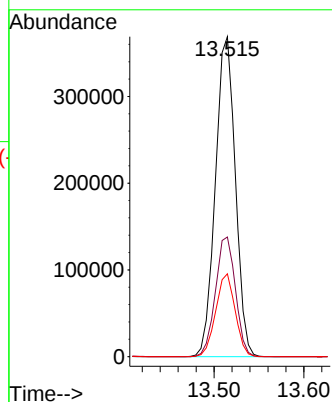


Tgt Ion:172 Resp: 571275
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.9 20.2 30.2

Manual Integrations
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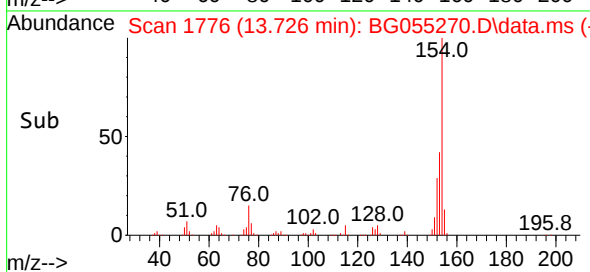
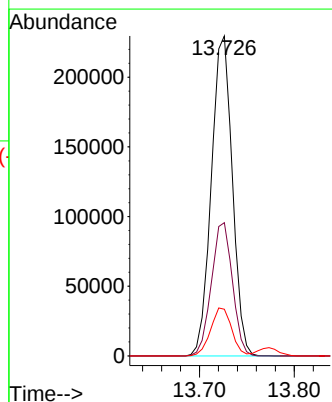
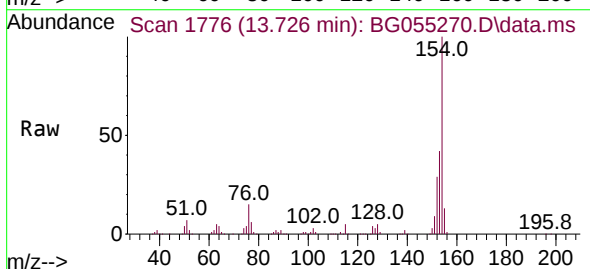
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

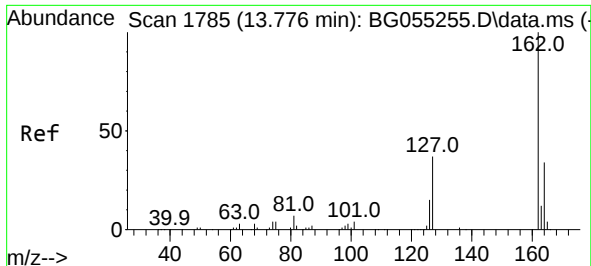
Supervised By :Jagrut
Upadhyay
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#46
1,1'-Biphenyl
Concen: 48.446 ng
RT: 13.726 min Scan# 1776
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:154 Resp: 353042
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 14.6 0.0 34.2





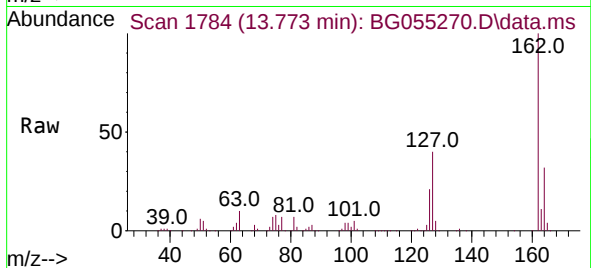
#47
2-Chloronaphthalene
Concen: 45.381 ng
RT: 13.773 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

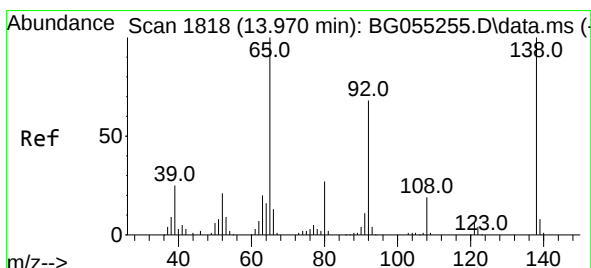
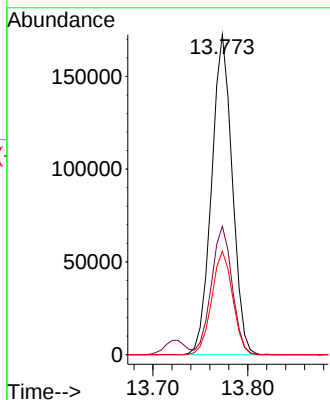
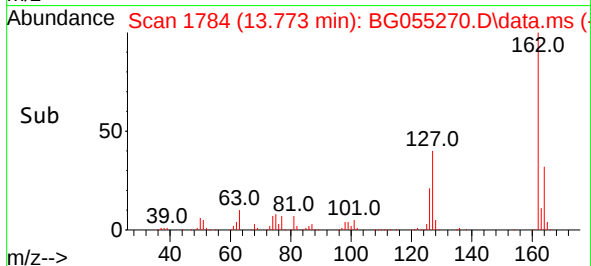


Tgt Ion:162 Resp: 260782
Ion Ratio Lower Upper
162 100
127 40.1 33.0 49.6
164 32.3 27.0 40.4

Manual Integrations
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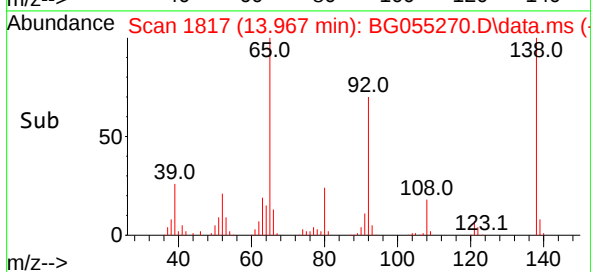
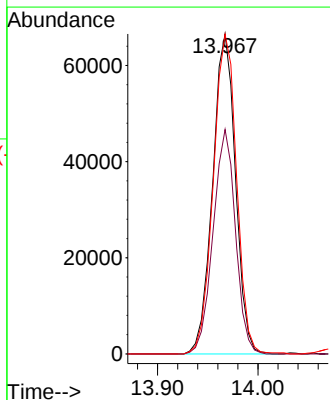
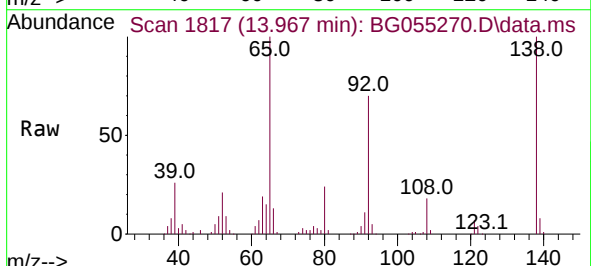
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

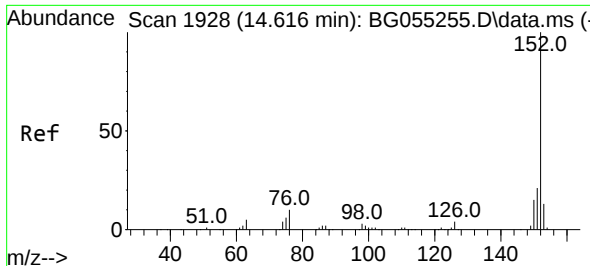
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#48
2-Nitroaniline
Concen: 46.825 ng
RT: 13.967 min Scan# 1817
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion: 65 Resp: 105233
Ion Ratio Lower Upper
65 100
92 70.2 54.6 82.0
138 99.9 80.2 120.4





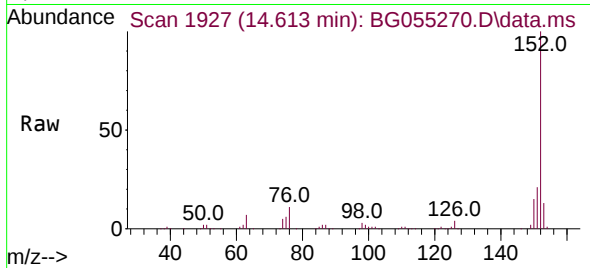
#49
Acenaphthylene
Concen: 45.987 ng
RT: 14.613 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

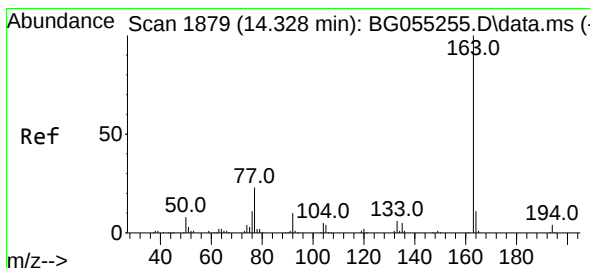
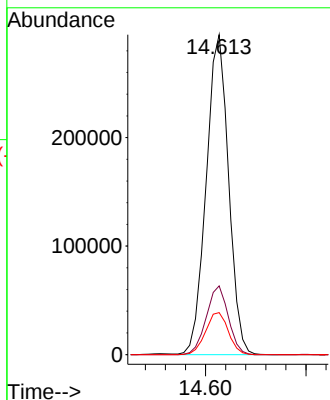
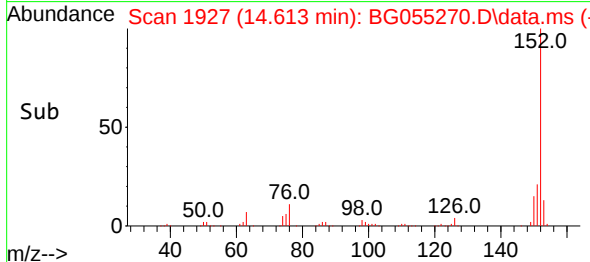


Tgt Ion:152 Resp: 456187
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 13.1 10.5 15.7

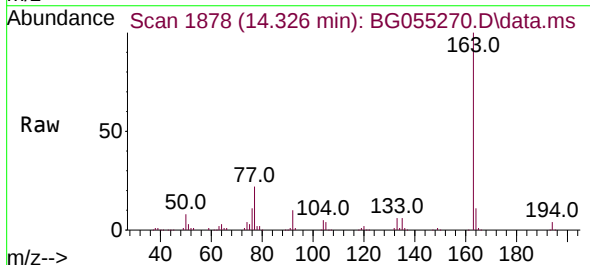
Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

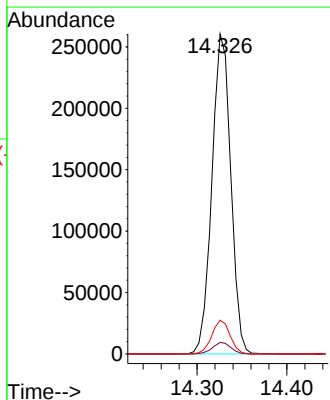
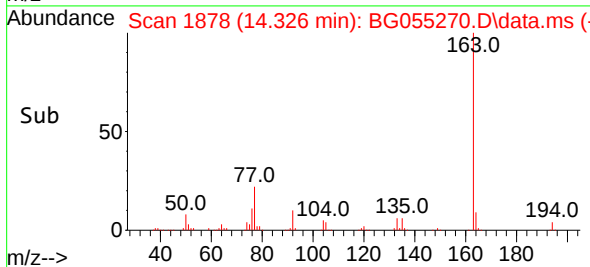
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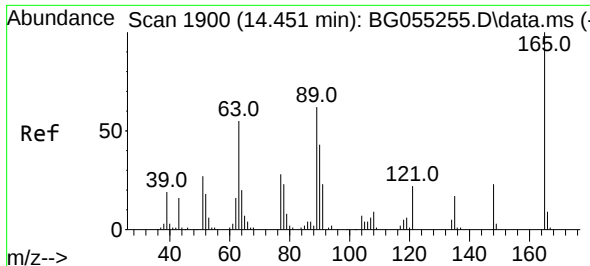


#50
Dimethylphthalate
Concen: 45.474 ng
RT: 14.326 min Scan# 1878
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



Tgt Ion:163 Resp: 379355
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 48.487 ng
RT: 14.449 min Scan# 1899
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

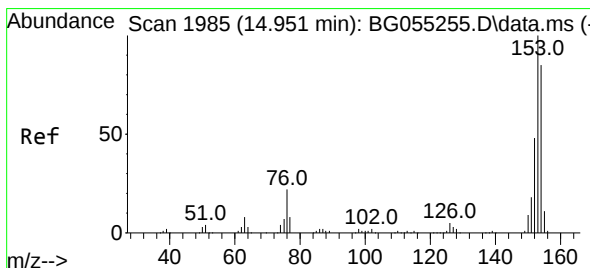
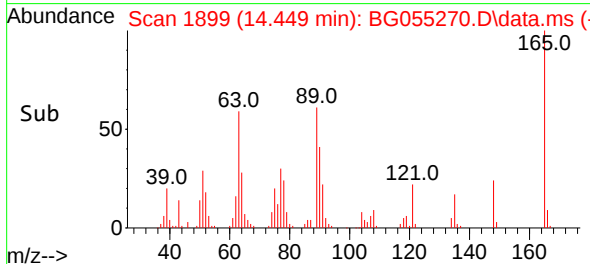
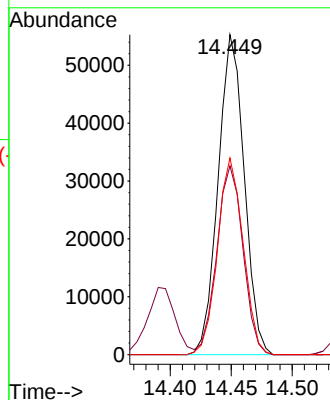
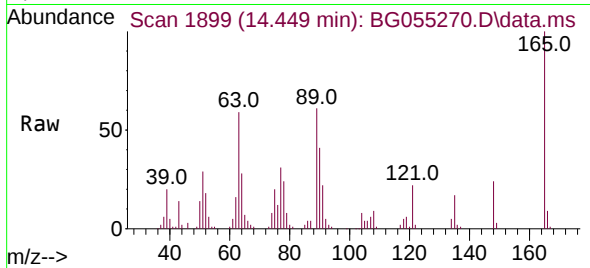
PB148536BS

Tgt Ion:165 Resp: 82308
Ion Ratio Lower Upper
165 100
63 59.0 49.2 73.8
89 61.4 49.9 74.9

Manual Integrations
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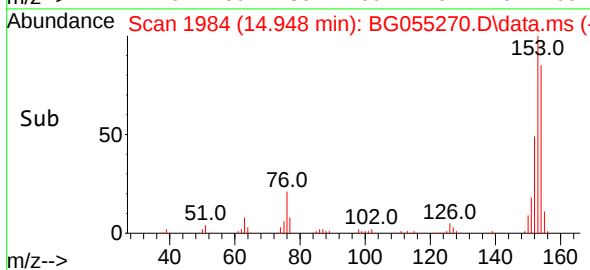
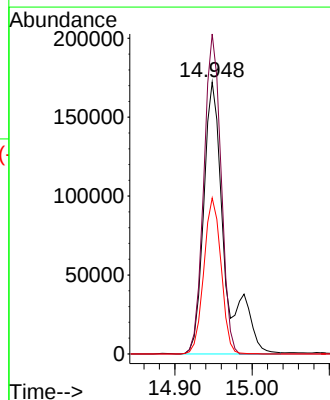
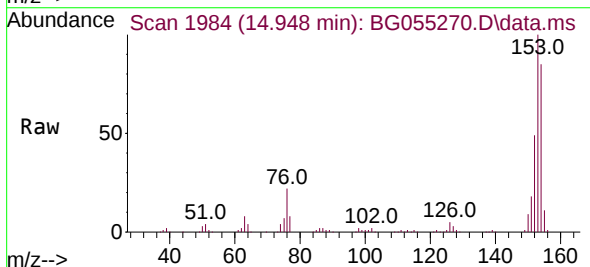
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

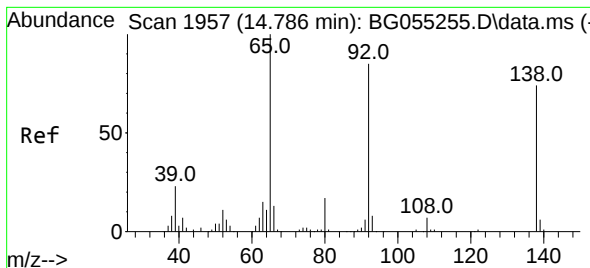
Supervised By :Jagrut
Upadhyay
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#52
Acenaphthene
Concen: 51.532 ng m
RT: 14.948 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:154 Resp: 325848
Ion Ratio Lower Upper
154 100
153 117.8 94.3 141.5
152 57.4 45.3 67.9





#53
3-Nitroaniline
Concen: 34.855 ng
RT: 14.784 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

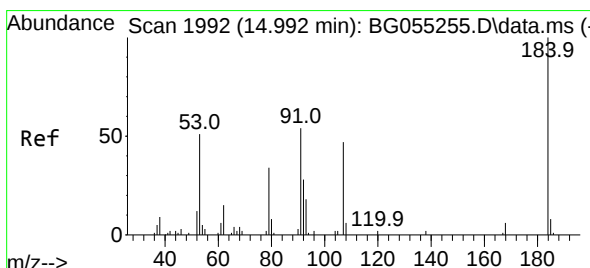
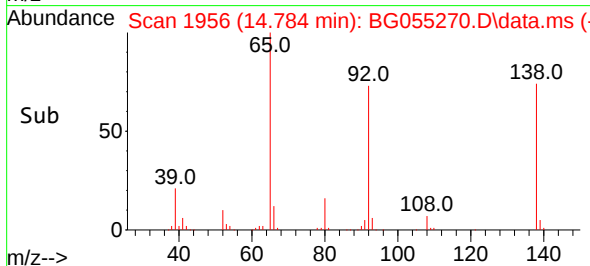
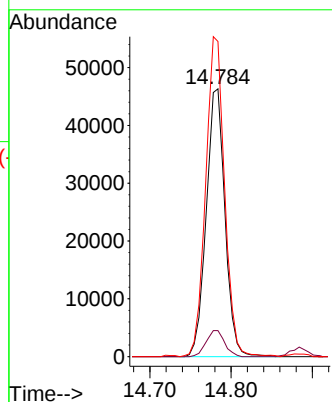
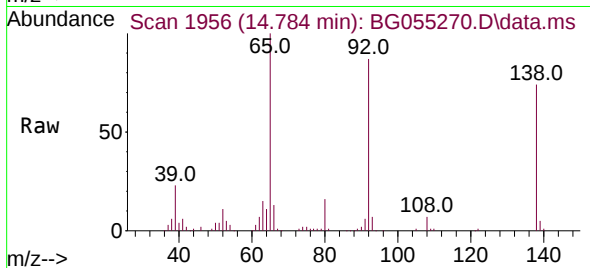
PB148536BS

Tgt Ion:138 Resp: 74366
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 117.7 91.8 137.8

Manual Integrations
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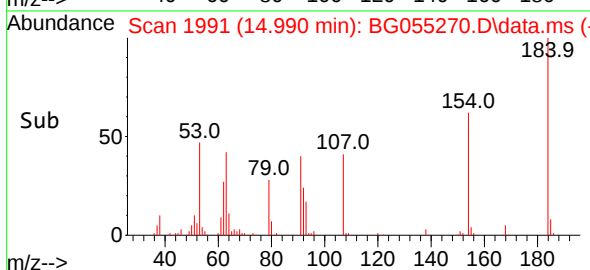
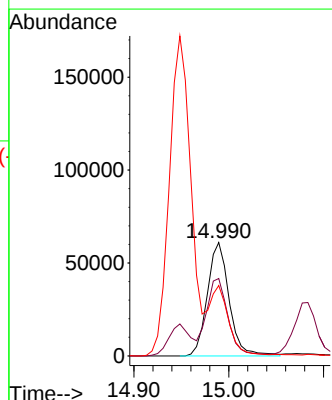
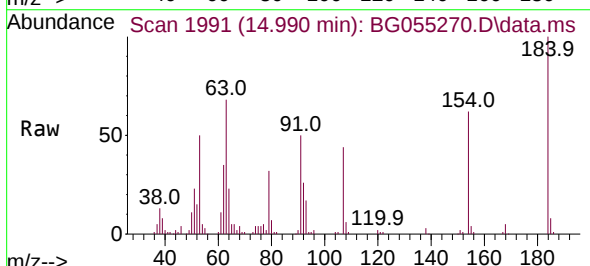
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

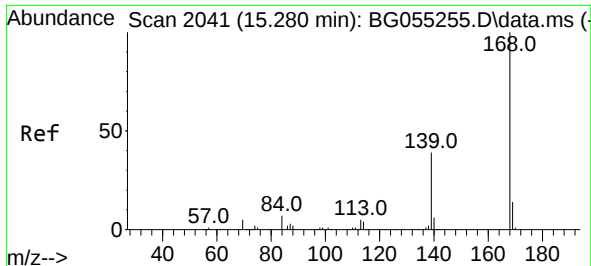
Supervised By :Jagrut
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#54
2,4-Dinitrophenol
Concen: 97.239 ng
RT: 14.990 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

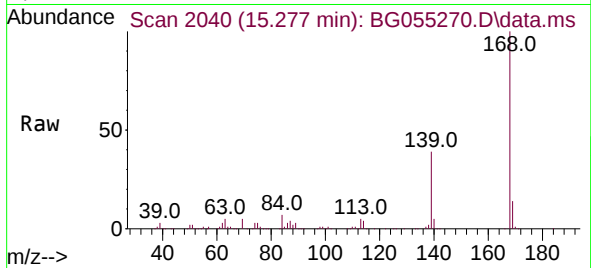
Tgt Ion:184 Resp: 97577
Ion Ratio Lower Upper
184 100
63 68.2 55.7 83.5
154 62.0 49.4 74.0





#55
Dibenzofuran
Concen: 45.901 ng
RT: 15.277 min Scan# 2041
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

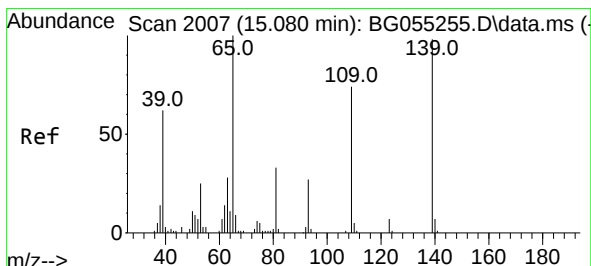
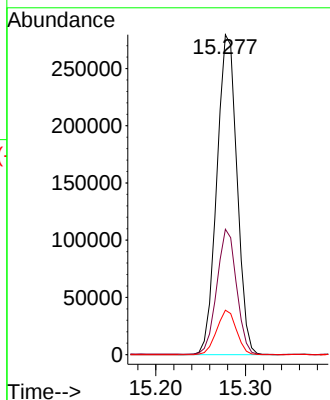
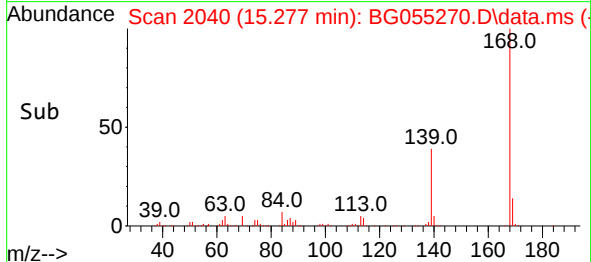


Tgt Ion:168 Resp: 435437
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.9 11.0 16.4

Manual Integrations
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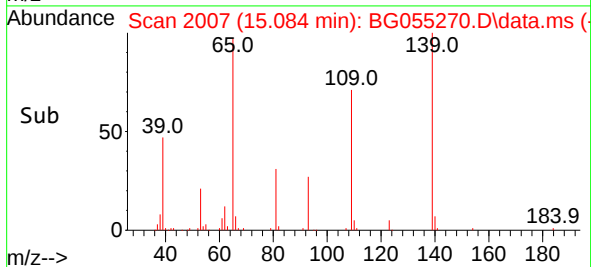
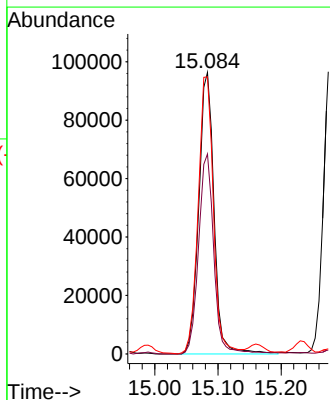
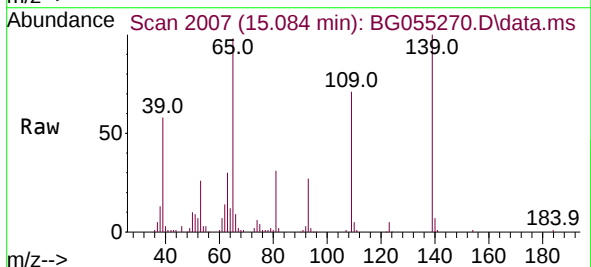
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

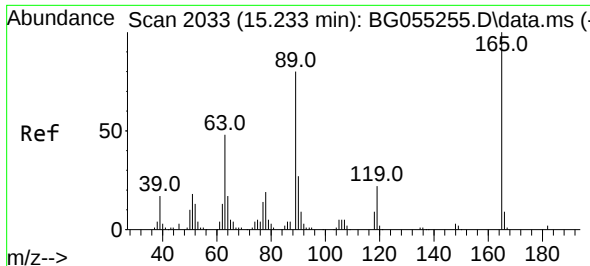
Supervised By :Jagrut
Upadhyay
11/02/2022



#56
4-Nitrophenol
Concen: 105.699 ng
RT: 15.084 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:139 Resp: 161299
Ion Ratio Lower Upper
139 100
109 71.0 55.4 95.4
65 98.4 81.6 121.6





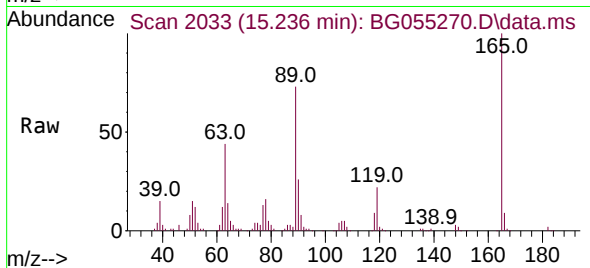
#57
2,4-Dinitrotoluene
Concen: 49.707 ng
RT: 15.236 min Scan# 2033
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



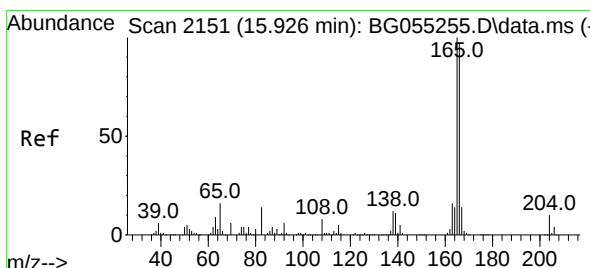
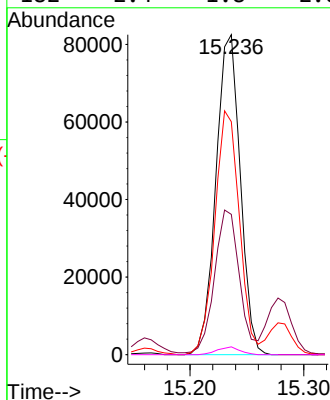
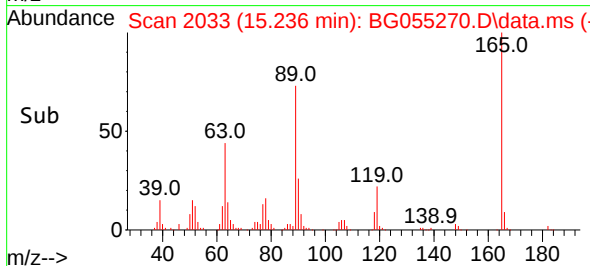
Tgt Ion:165 Resp: 122450
Ion Ratio Lower Upper
165 100
63 43.8 38.9 58.3
89 72.8 64.2 96.4
182 2.4 1.8 2.6

Manual Integrations

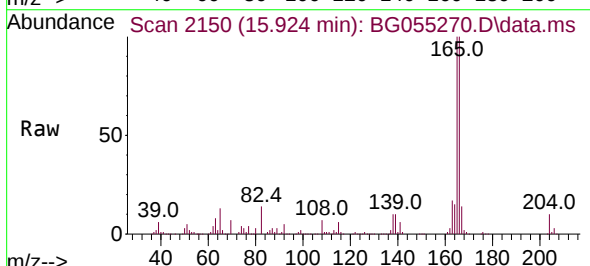
APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

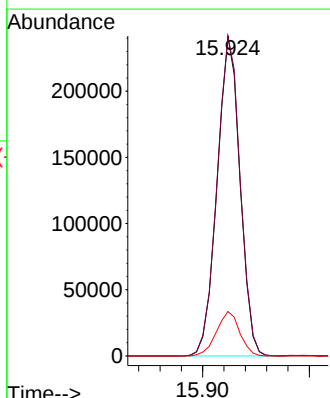
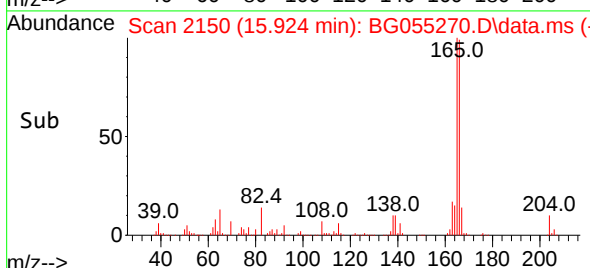
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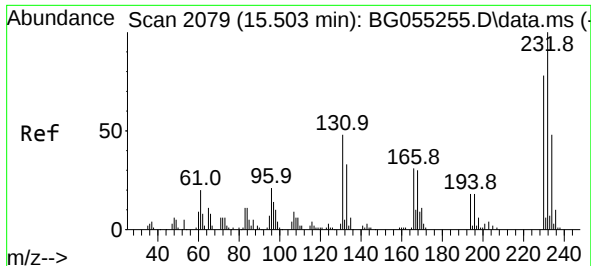


#58
Fluorene
Concen: 45.492 ng
RT: 15.924 min Scan# 2150
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



Tgt Ion:166 Resp: 359084
Ion Ratio Lower Upper
166 100
165 100.3 82.4 123.6
167 13.9 11.5 17.3





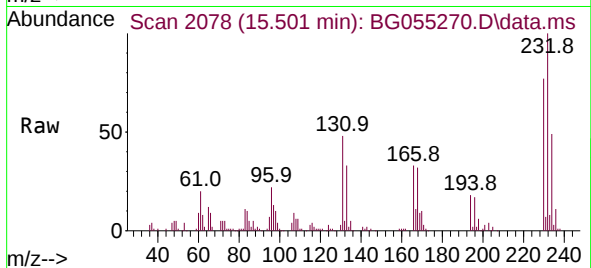
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.585 ng
RT: 15.501 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

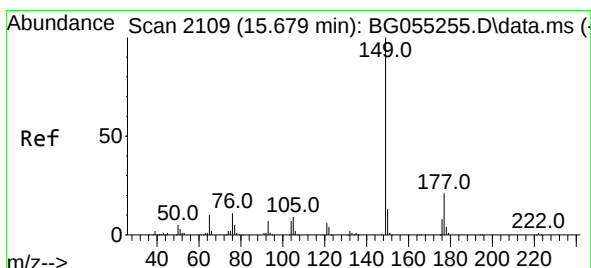
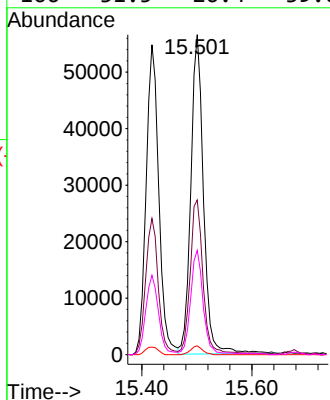
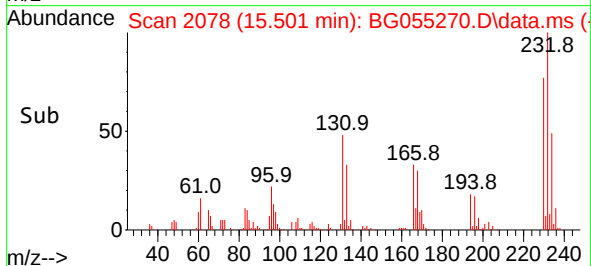


Tgt Ion:232 Resp: 90672
Ion Ratio Lower Upper
232 100
131 48.5 39.6 59.4
130 2.5 2.1 3.1
166 31.5 26.4 39.6

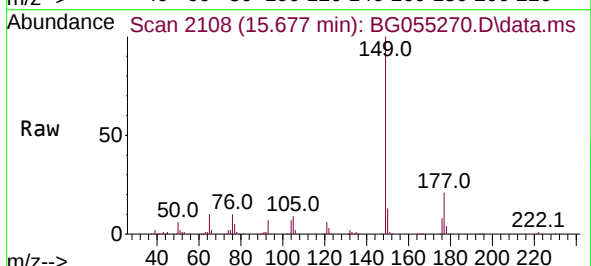
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

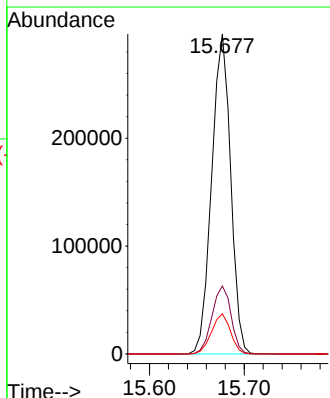
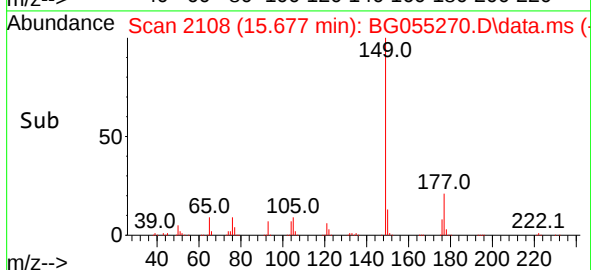
Supervised By :Jagrut
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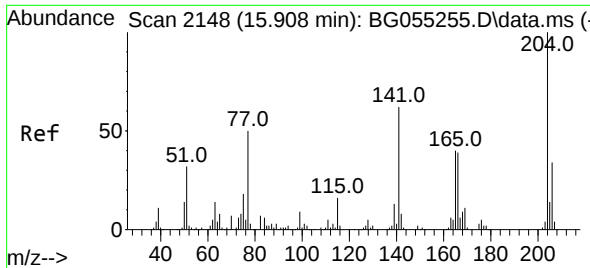


#60
Diethylphthalate
Concen: 46.414 ng
RT: 15.677 min Scan# 2108
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



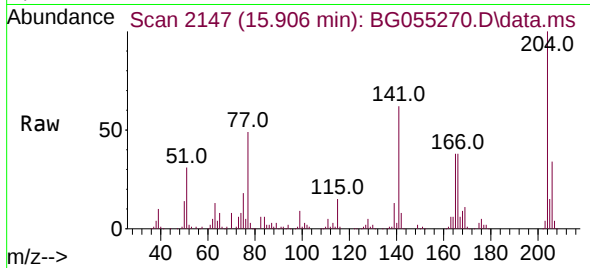
Tgt Ion:149 Resp: 411881
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.604 ng
RT: 15.906 min Scan# 2148
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

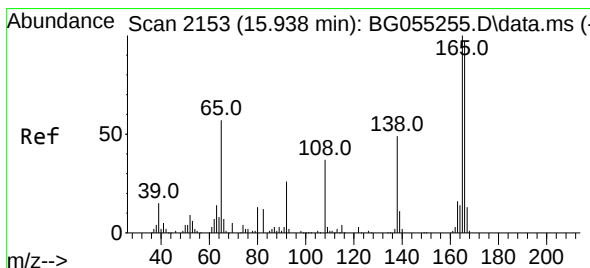
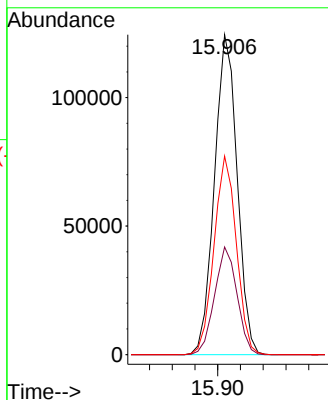
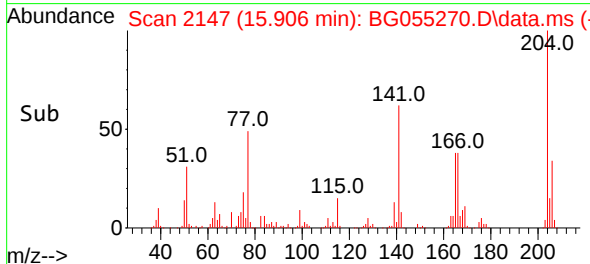


Tgt Ion:204 Resp: 172675
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 62.0 49.9 74.9

Manual Integrations
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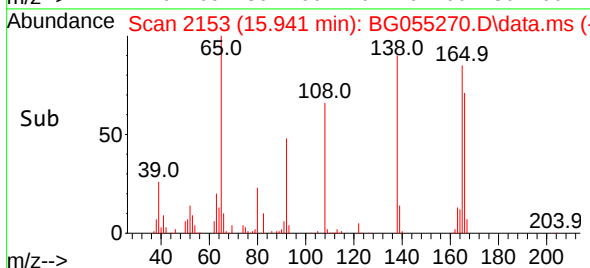
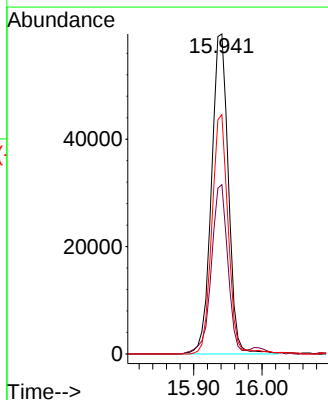
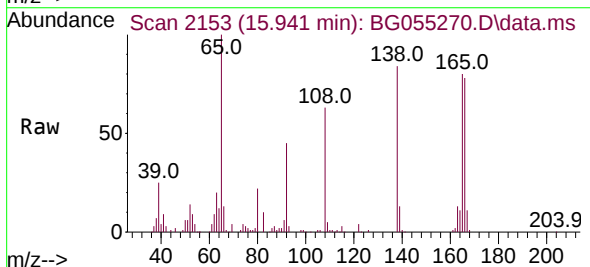
Reviewed By :Christian Giraldo 11/02/2022
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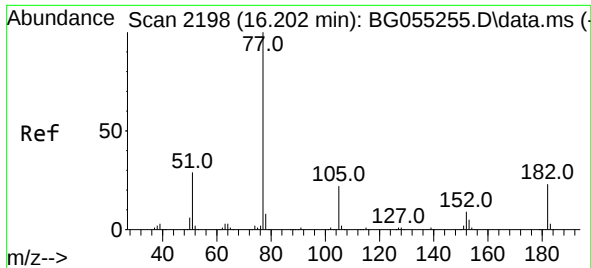
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#62
4-Nitroaniline
Concen: 45.701 ng
RT: 15.941 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:138 Resp: 102465
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 74.8 55.5 95.5





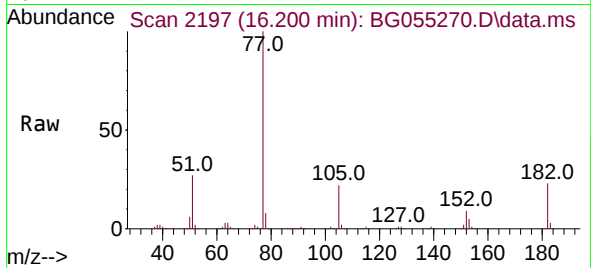
#63
Azobenzene
Concen: 46.069 ng
RT: 16.200 min Scan# 2198
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



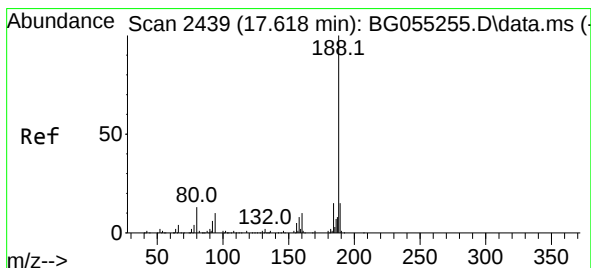
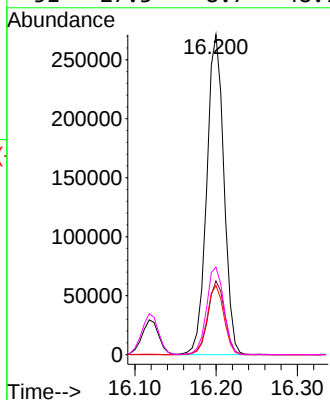
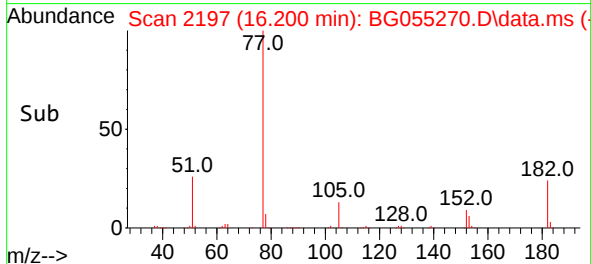
Tgt Ion: 77 Resp: 398272
Ion Ratio Lower Upper
77 100
182 23.0 2.5 42.5
105 21.6 1.6 41.6
51 27.3 8.7 48.7

Manual Integrations

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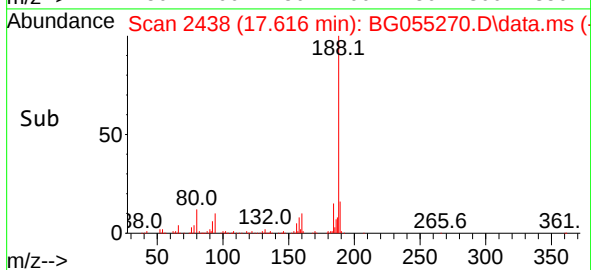
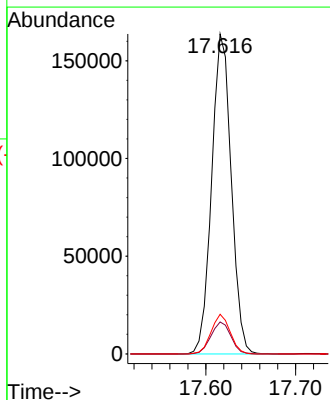
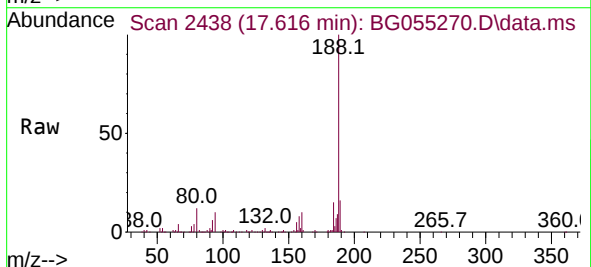
Reviewed By :Christian Giraldo 11/02/2022
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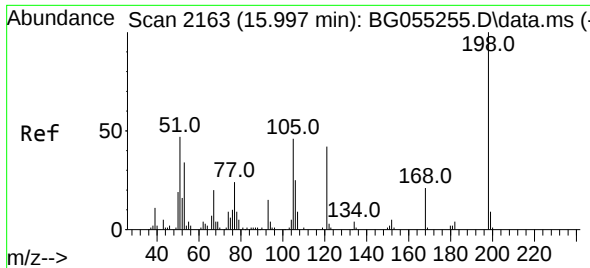
Supervised By :Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2438
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

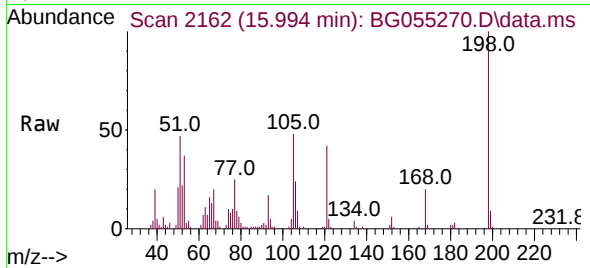
Tgt Ion:188 Resp: 248285
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 12.4 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.227 ng
RT: 15.994 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

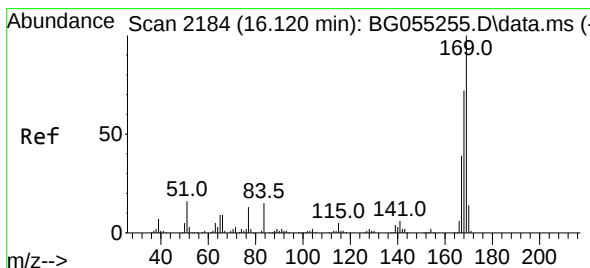
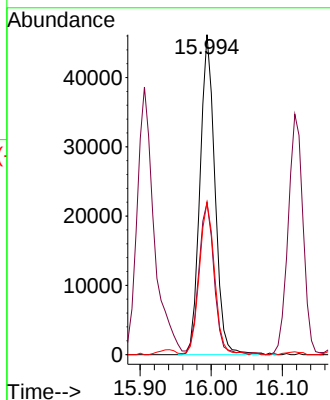
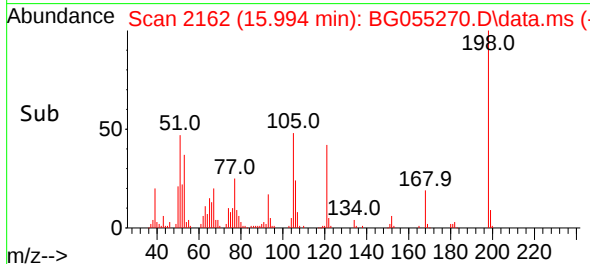


Tgt Ion:198 Resp: 67191
Ion Ratio Lower Upper
198 100
51 47.5 29.6 69.6
105 47.6 26.6 66.6

Manual Integrations
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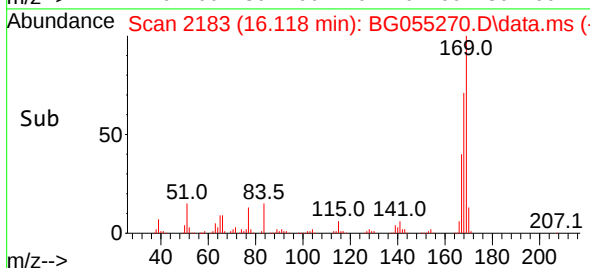
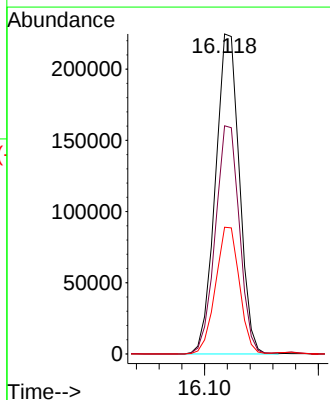
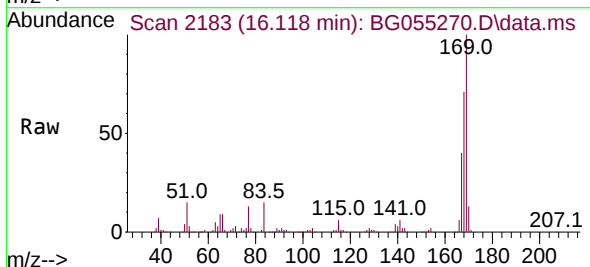
Reviewed By :Christian Giraldo 11/02/2022
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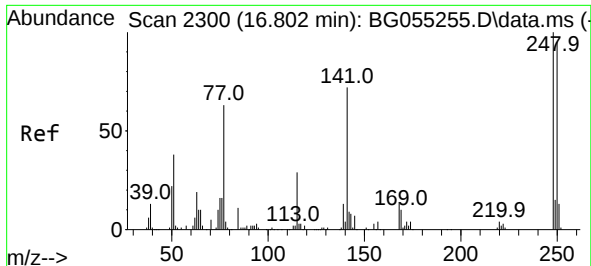
Supervised By :Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 47.606 ng
RT: 16.118 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

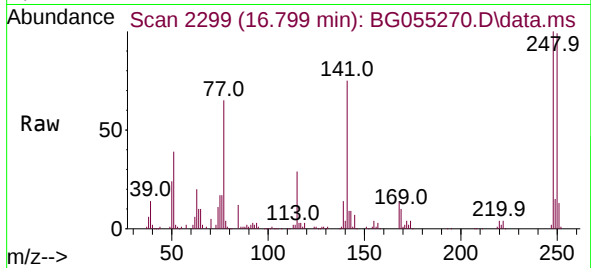
Tgt Ion:169 Resp: 328994
Ion Ratio Lower Upper
169 100
168 71.3 57.5 86.3
167 39.6 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 47.175 ng
RT: 16.799 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

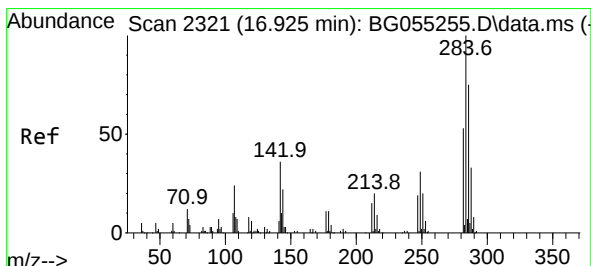
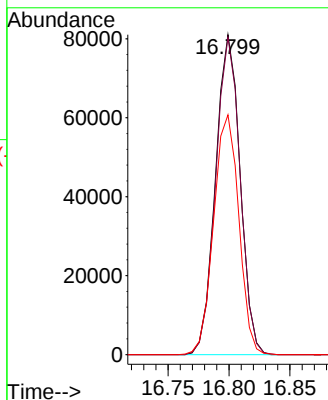
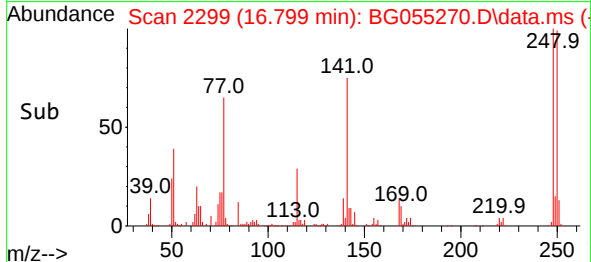


Tgt Ion:248 Resp: 113796
Ion Ratio Lower Upper
248 100
250 99.2 76.0 114.0
141 74.9 58.0 87.0

Manual Integrations
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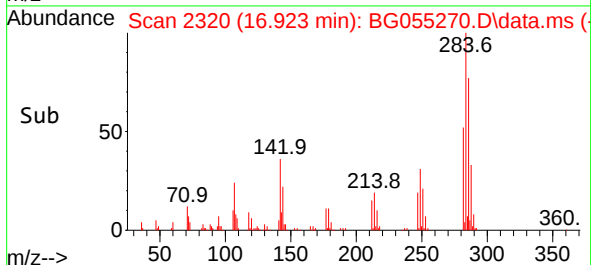
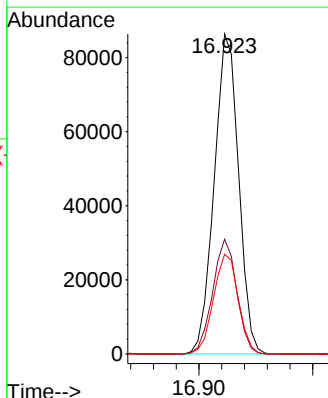
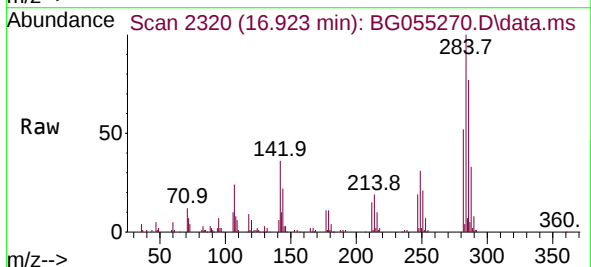
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

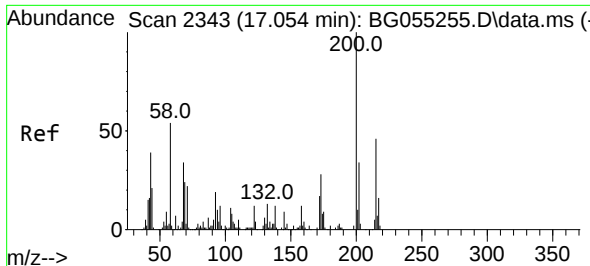
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#68
Hexachlorobenzene
Concen: 47.069 ng
RT: 16.923 min Scan# 2320
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

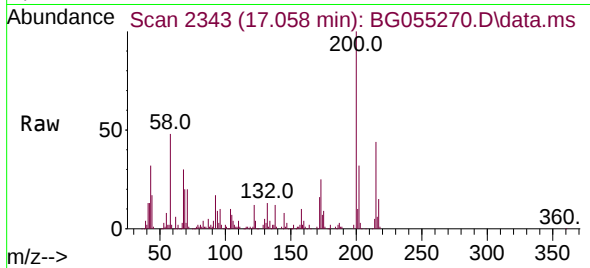
Tgt Ion:284 Resp: 128376
Ion Ratio Lower Upper
284 100
142 35.8 28.9 43.3
249 31.1 25.0 37.4





#69
 Atrazine
 Concen: 56.866 ng
 RT: 17.058 min Scan# 2343
 Delta R.T. 0.003 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

Instrument :
 BNA_G
 ClientSampleId :
 PB148536BS

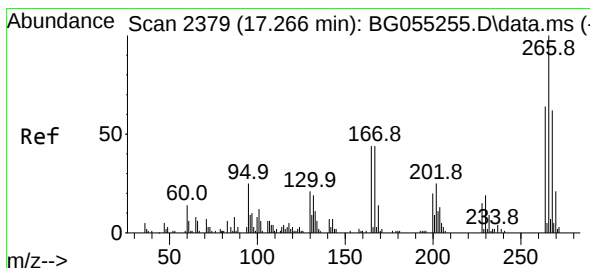
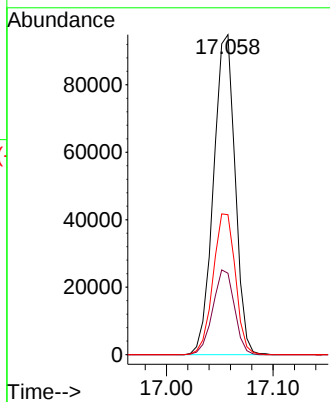
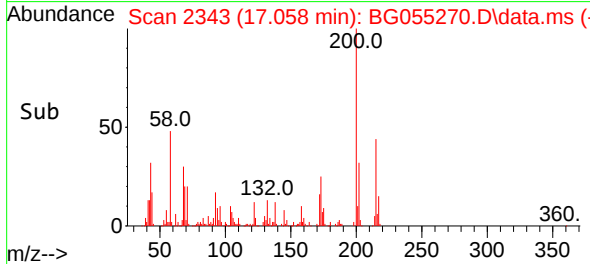


Tgt Ion:200 Resp: 133631
 Ion Ratio Lower Upper
 200 100
 173 25.4 7.7 47.7
 215 43.8 26.1 66.1

Manual Integrations
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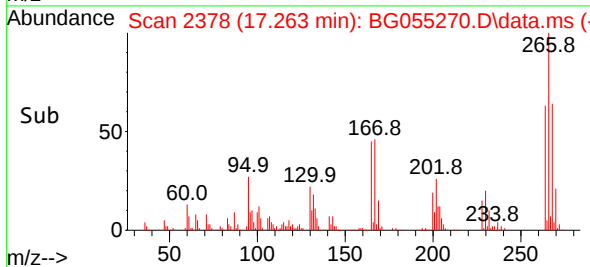
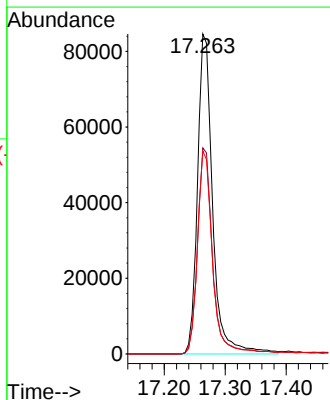
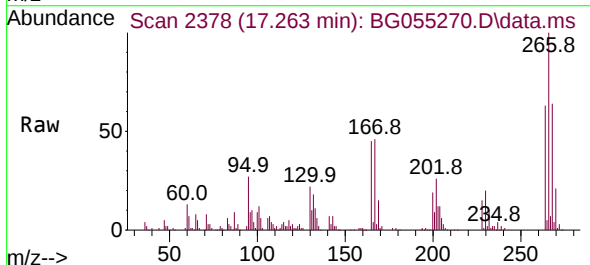
Reviewed By :Christian Giraldo 11/02/2022
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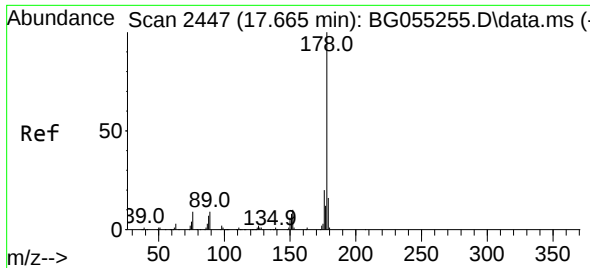
Supervised By :Jagrut
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#70
 Pentachlorophenol
 Concen: 94.107 ng
 RT: 17.263 min Scan# 2378
 Delta R.T. -0.003 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

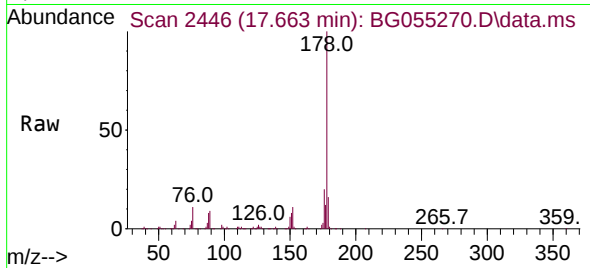
Tgt Ion:266 Resp: 145715
 Ion Ratio Lower Upper
 266 100
 268 64.4 53.2 79.8
 264 63.4 51.5 77.3





#71
Phenanthrene
Concen: 45.740 ng
RT: 17.663 min Scan# 2447
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

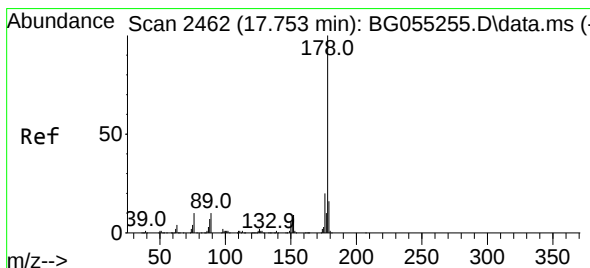
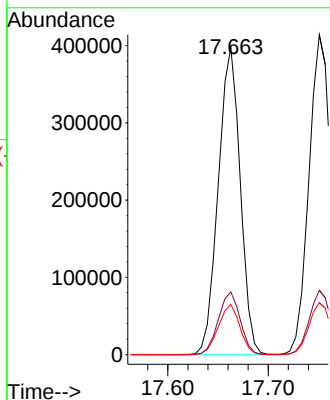
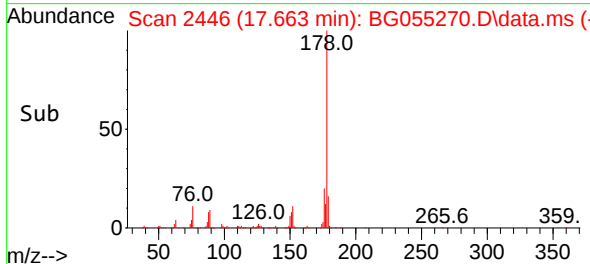


Tgt Ion:178 Resp: 605653
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.3 12.6 19.0

Manual Integrations
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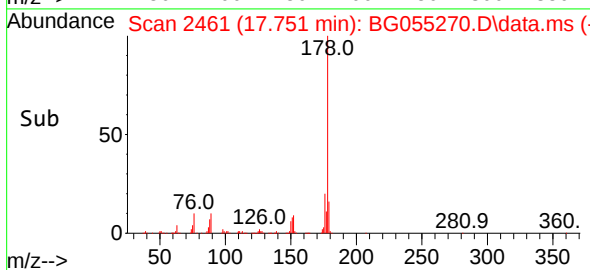
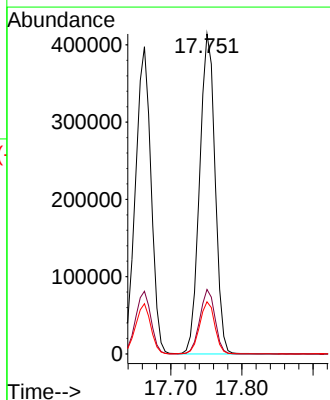
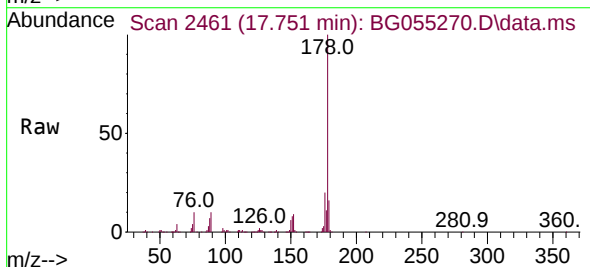
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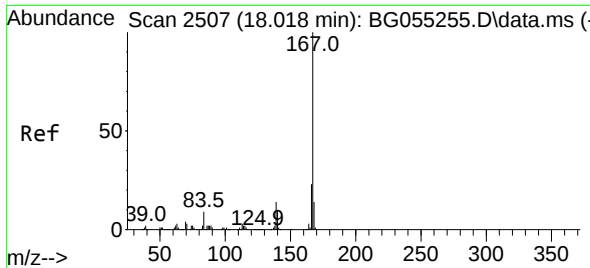
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#72
Anthracene
Concen: 48.125 ng
RT: 17.751 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:178 Resp: 622957
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 12.9 19.3





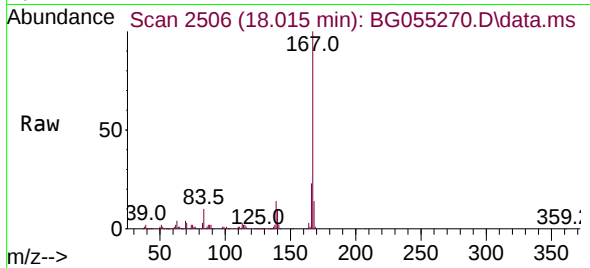
#73
 Carbazole
 Concen: 48.365 ng
 RT: 18.015 min Scan# 2506
 Delta R.T. -0.002 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

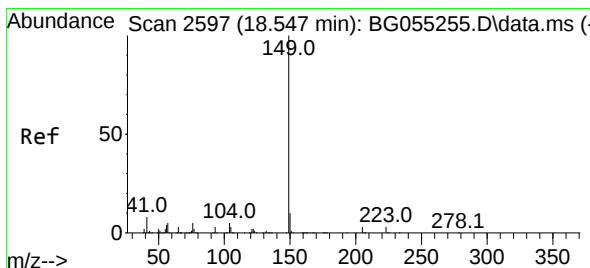
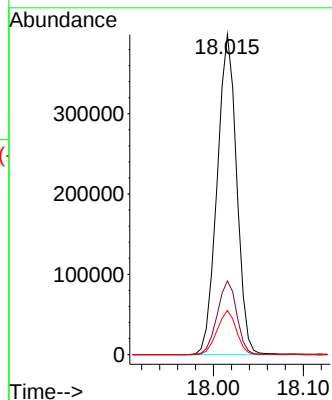


Tgt Ion:167 Resp: 602168
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.6 27.8
 139 13.8 10.9 16.3

Manual Integrations
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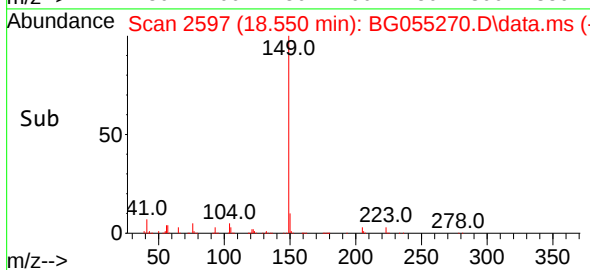
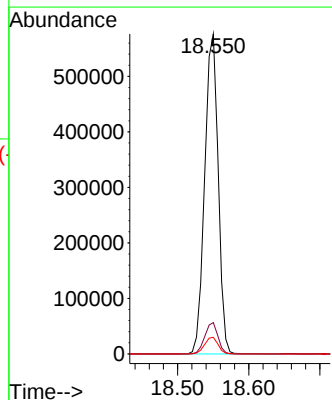
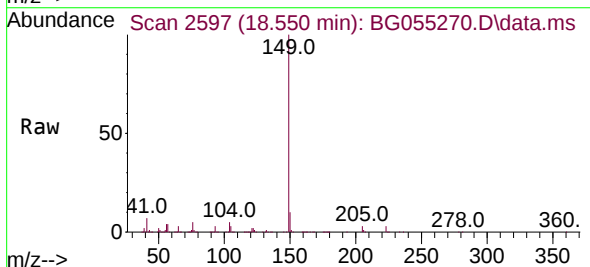
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

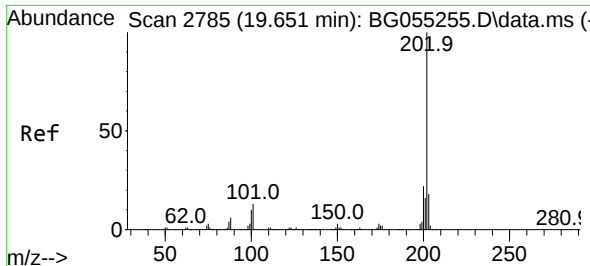
Supervised By :Jagrut
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 11/02/2022



#74
 Di-n-butylphthalate
 Concen: 48.607 ng
 RT: 18.550 min Scan# 2597
 Delta R.T. 0.003 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

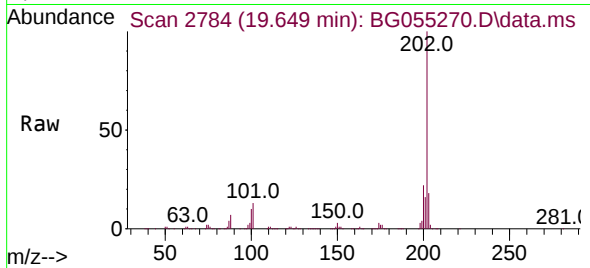
Tgt Ion:149 Resp: 756500
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 47.523 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

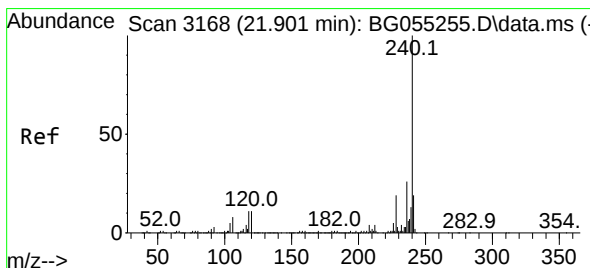
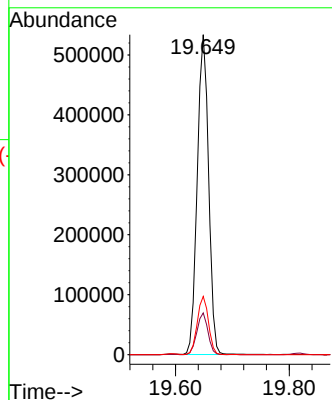


Tgt Ion:202 Resp: 73324
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.6
203 18.2 0.0 38.3

Manual Integrations
APPROVED

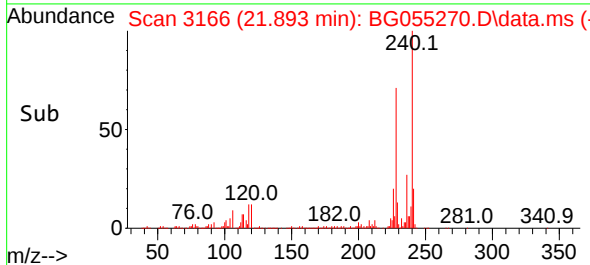
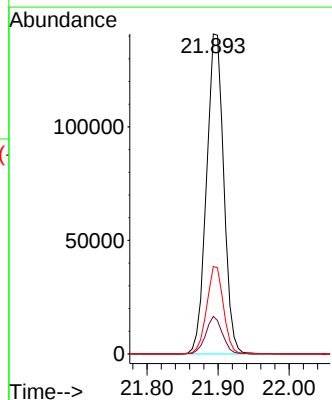
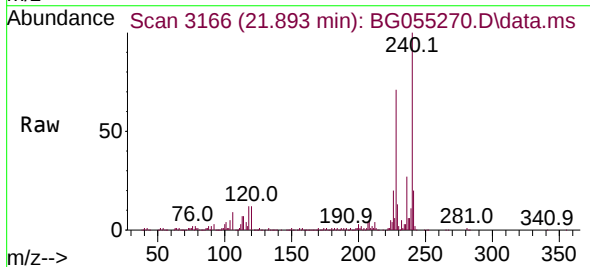
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

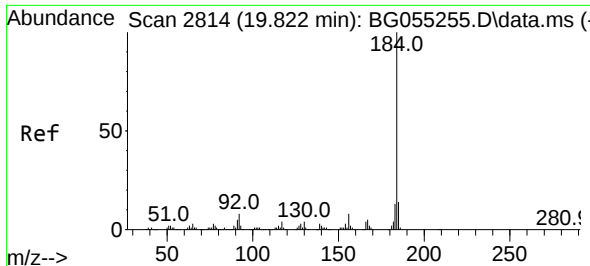
Supervised By :Jagrut
Upadhyay
11/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:240 Resp: 236158
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 27.3 21.0 31.4





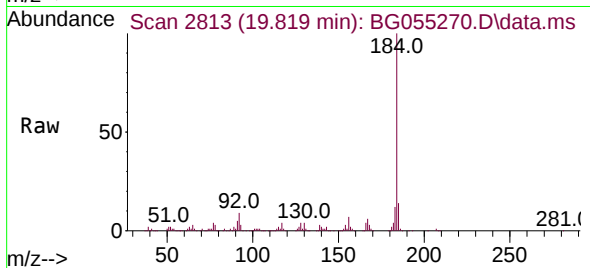
#77
Benzidine
Concen: 79.422 ng
RT: 19.819 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

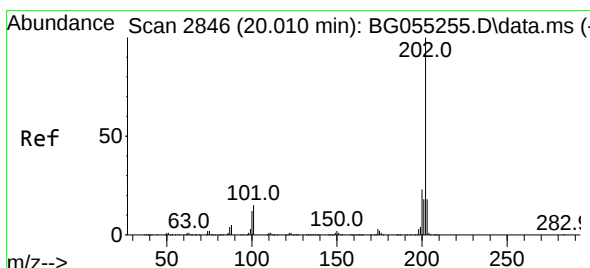
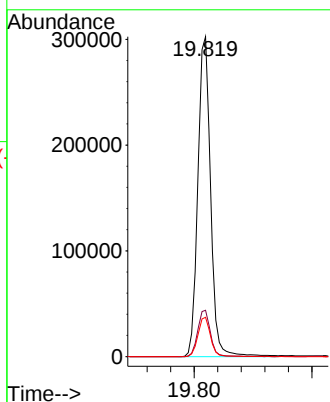
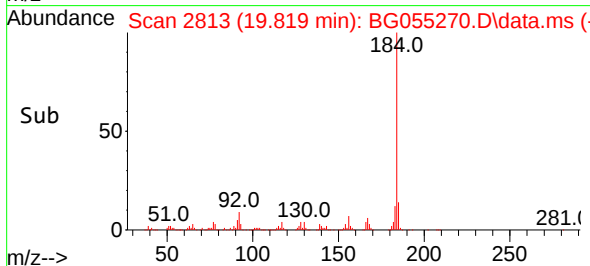


Tgt Ion:184 Resp: 454141
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.6
183 12.3 10.0 15.0

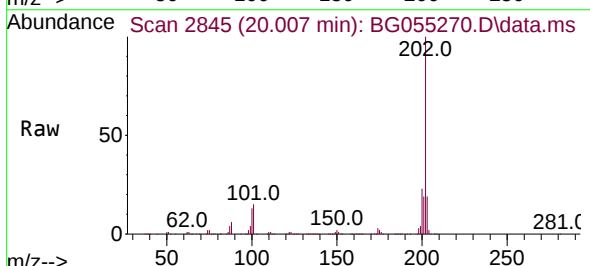
Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

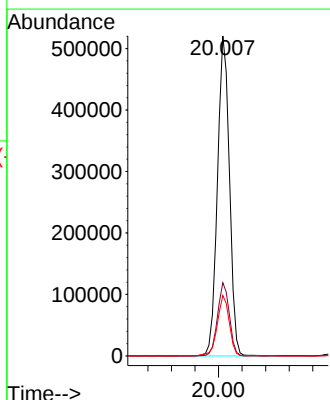
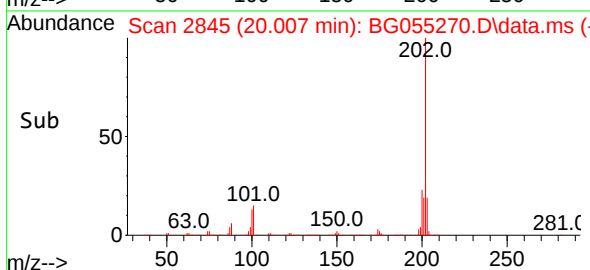
Supervised By :Jagrut
Upadhyay
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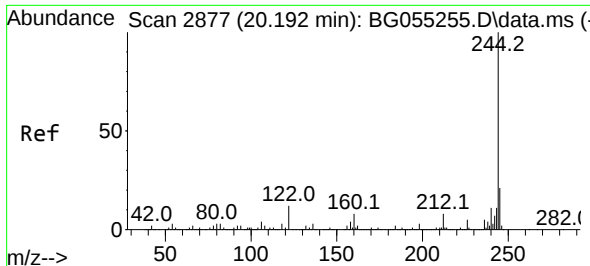


#78
Pyrene
Concen: 45.467 ng
RT: 20.007 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22



Tgt Ion:202 Resp: 735976
Ion Ratio Lower Upper
202 100
200 22.9 18.0 27.0
203 18.9 14.3 21.5





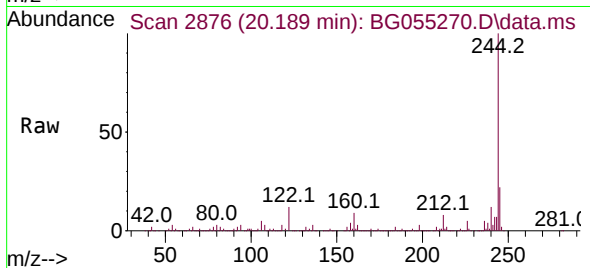
#79
 Terphenyl-d14
 Concen: 94.512 ng
 RT: 20.189 min Scan# 2876
 Delta R.T. -0.002 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



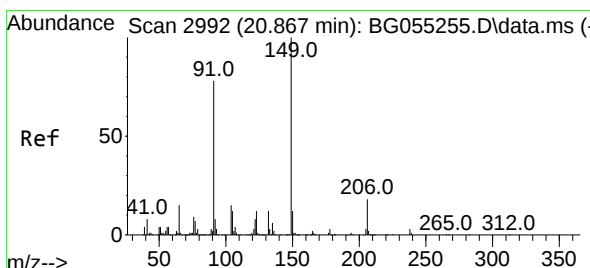
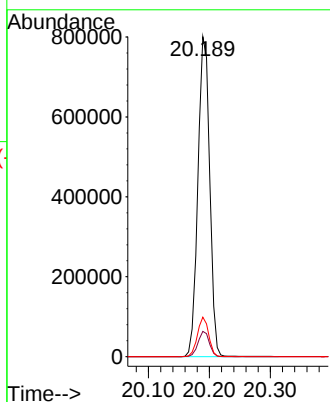
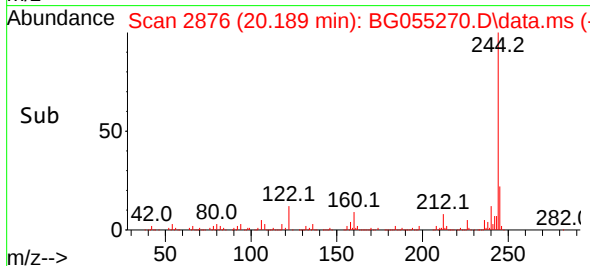
Tgt Ion:244 Resp: 1074260
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.3 9.6 14.4

Manual Integrations

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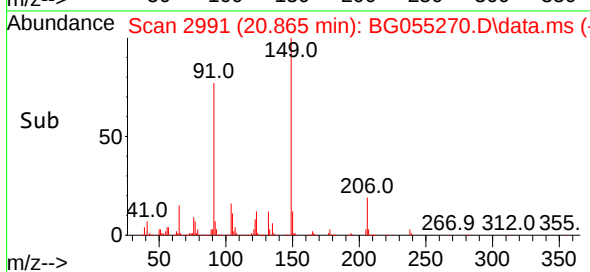
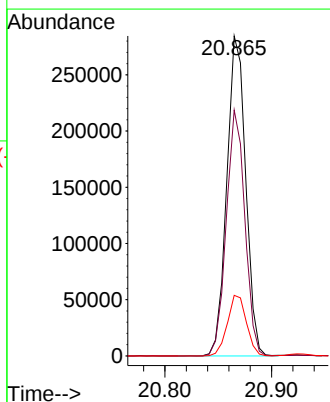
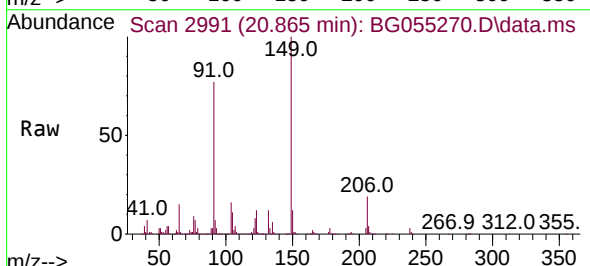
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

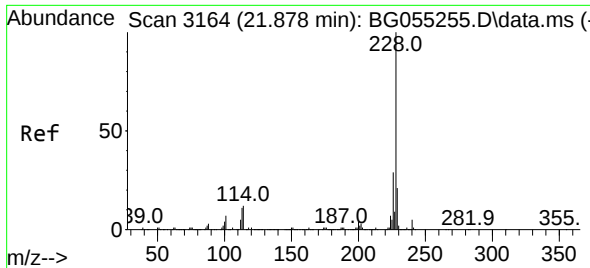
Supervised By :Jagrut
 Upadhyay
 11/02/2022



#80
 Butylbenzylphthalate
 Concen: 45.828 ng
 RT: 20.865 min Scan# 2991
 Delta R.T. -0.002 min
 Lab File: BG055270.D
 Acq: 25 Oct 2022 10:22

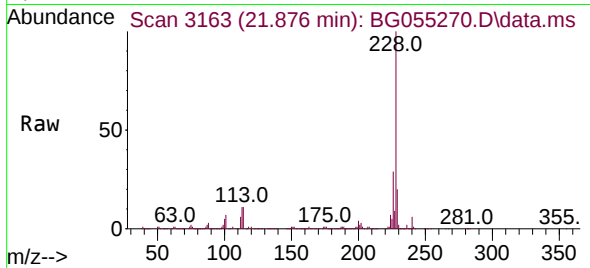
Tgt Ion:149 Resp: 350545
 Ion Ratio Lower Upper
 149 100
 91 76.8 62.2 93.4
 206 18.9 14.6 21.8





#81
Benzo(a)anthracene
Concen: 44.100 ng
RT: 21.876 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

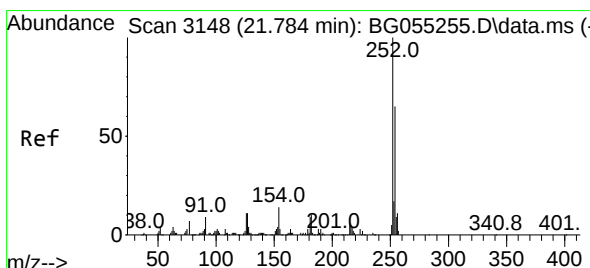
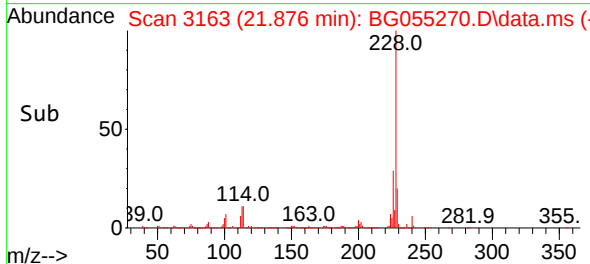
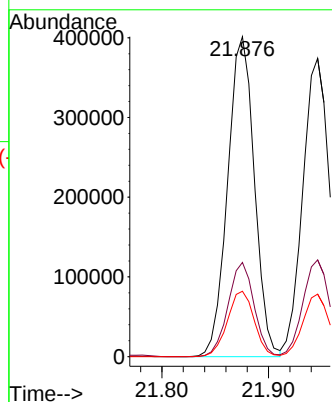


Tgt Ion:228 Resp: 699353
Ion Ratio Lower Upper
228 100
226 29.4 22.9 34.3
229 20.4 16.7 25.1

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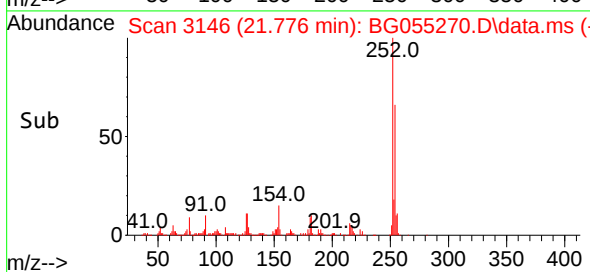
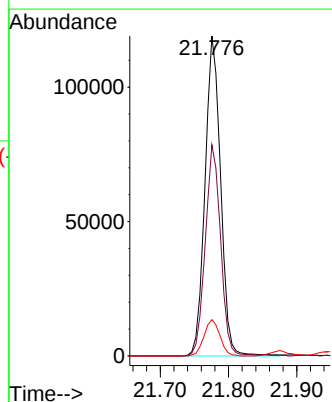
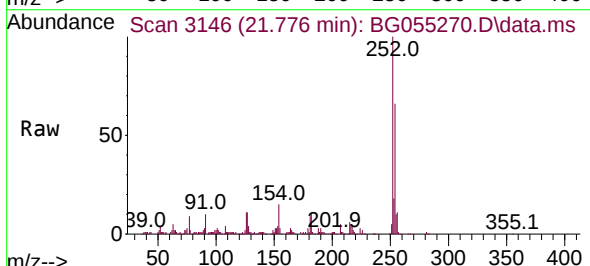
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

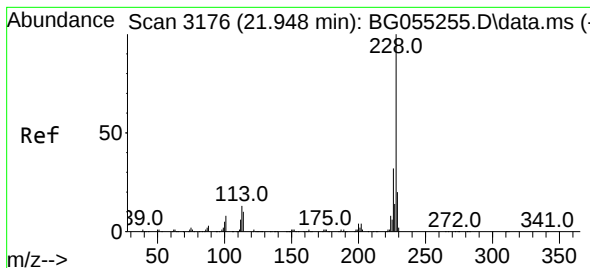
Supervised By :Jagrut
Upadhyay
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#82
3,3'-Dichlorobenzidine
Concen: 36.623 ng
RT: 21.776 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:252 Resp: 189152
Ion Ratio Lower Upper
252 100
254 66.0 52.2 78.4
126 11.3 8.6 12.8





#83

Chrysene

Concen: 43.382 ng

RT: 21.946 min Scan# 3176

Delta R.T. -0.002 min

Lab File: BG055270.D

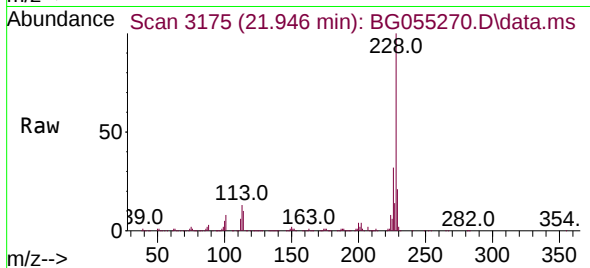
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



Tgt Ion:	228	Resp:	653491
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.8	38.8
229	21.0	16.3	24.5

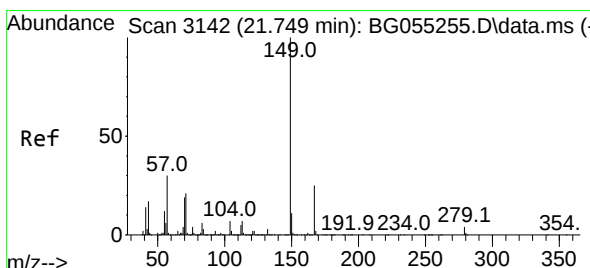
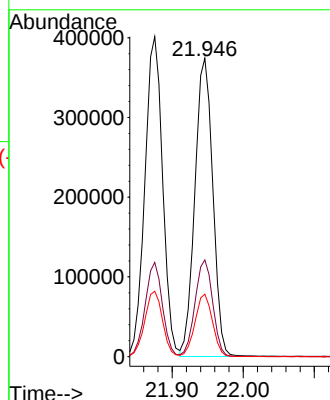
Manual Integrations

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Upadhyay
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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.778 ng

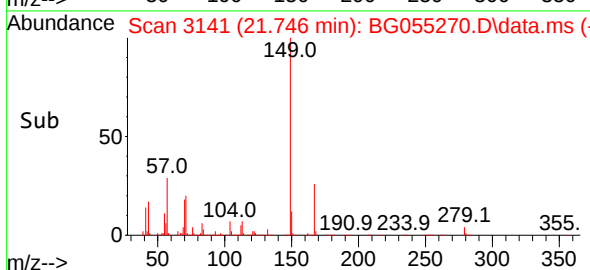
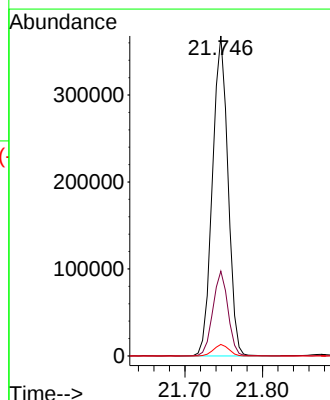
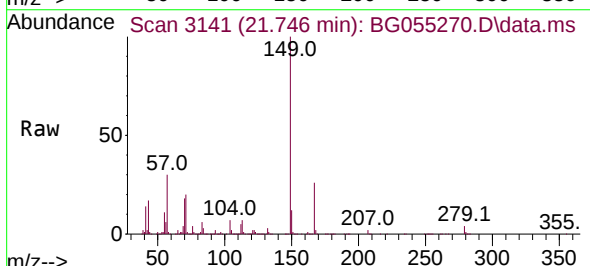
RT: 21.746 min Scan# 3141

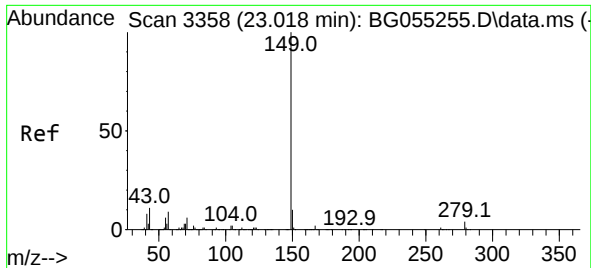
Delta R.T. -0.002 min

Lab File: BG055270.D

Acq: 25 Oct 2022 10:22

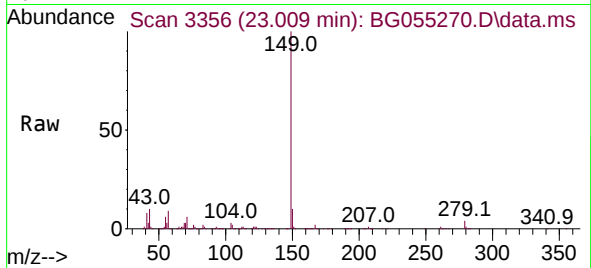
Tgt Ion:	149	Resp:	511153
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.2	30.2
279	3.6	2.8	4.2





#85
Di-n-octyl phthalate
Concen: 46.943 ng
RT: 23.009 min Scan# 3358
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB148536BS

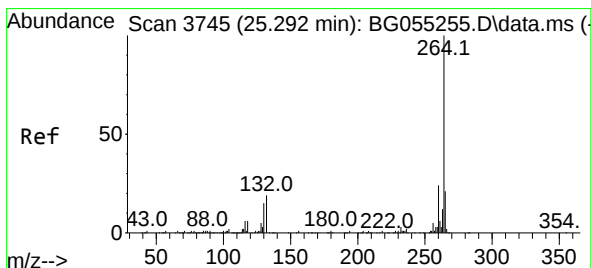
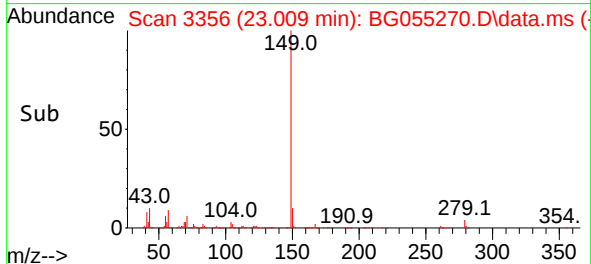
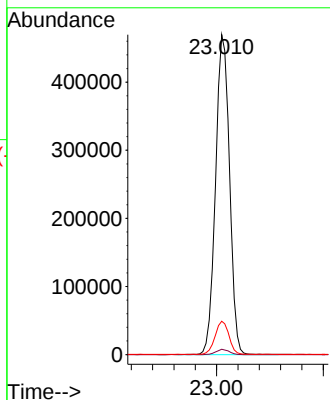


Tgt Ion:149 Resp: 854560
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 8.6 12.8

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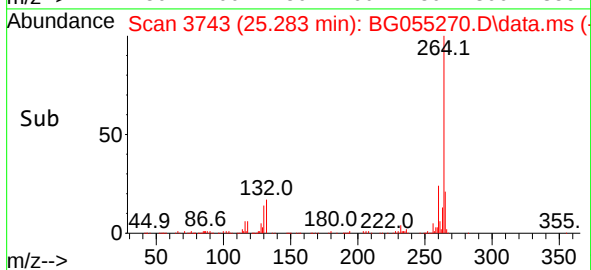
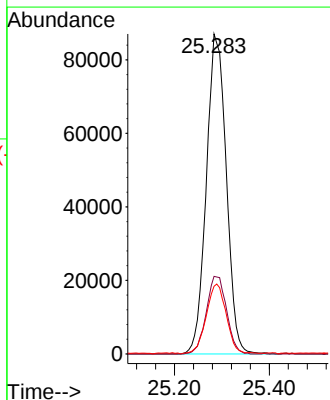
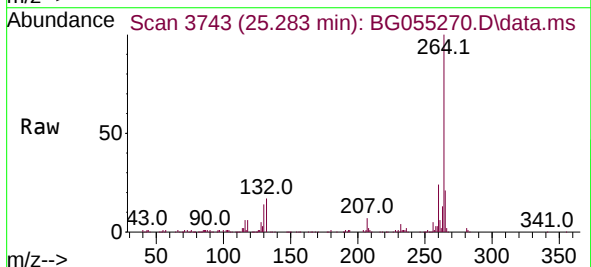
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

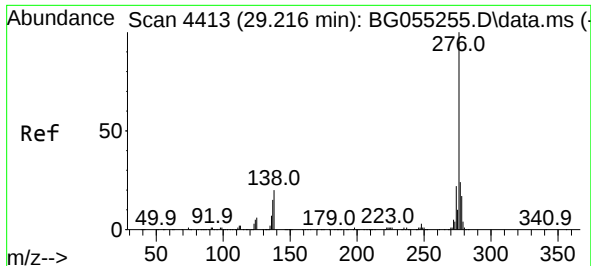
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.283 min Scan# 3743
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:264 Resp: 254422
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.1 17.4 26.2





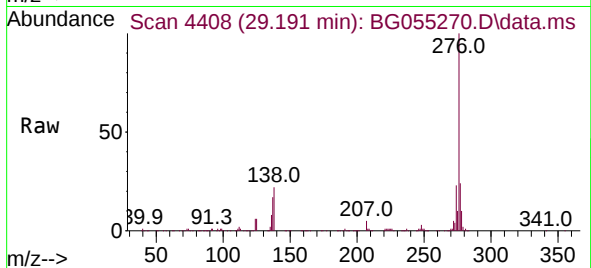
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.186 ng
RT: 29.191 min Scan# 4413
Delta R.T. -0.026 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

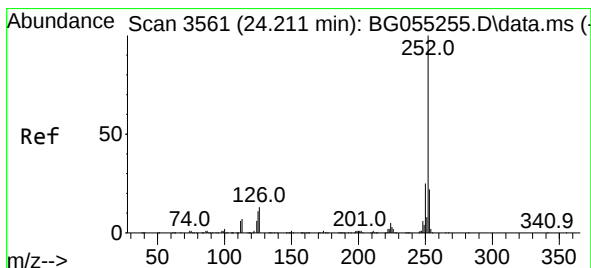
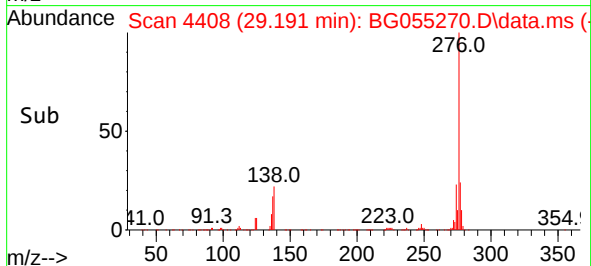
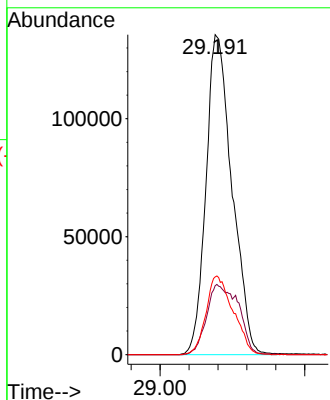


Tgt Ion:276 Resp: 849100
Ion Ratio Lower Upper
276 100
138 26.8 13.9 20.9
277 25.6 20.3 30.5

Manual Integrations
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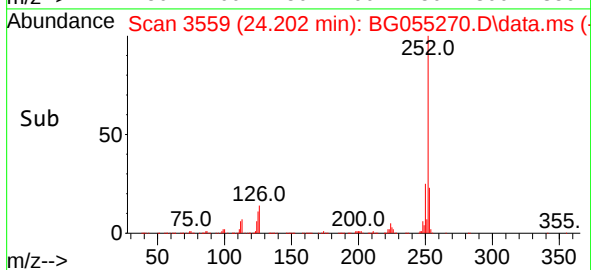
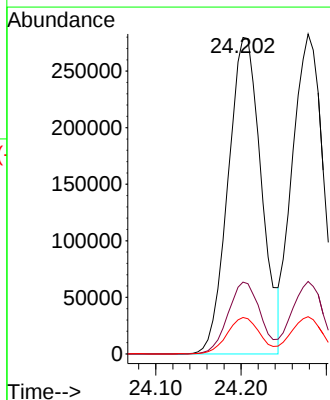
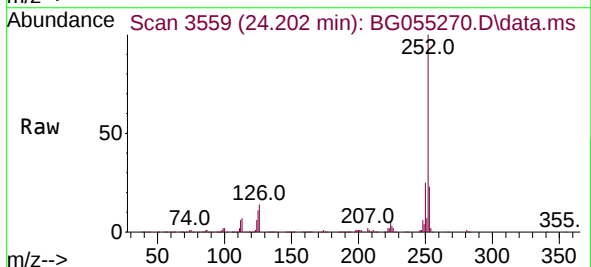
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

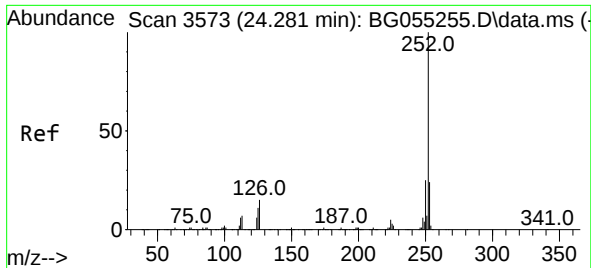
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#88
Benzo(b)fluoranthene
Concen: 49.574 ng
RT: 24.202 min Scan# 3559
Delta R.T. -0.008 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:252 Resp: 758685
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.5 9.0 13.4





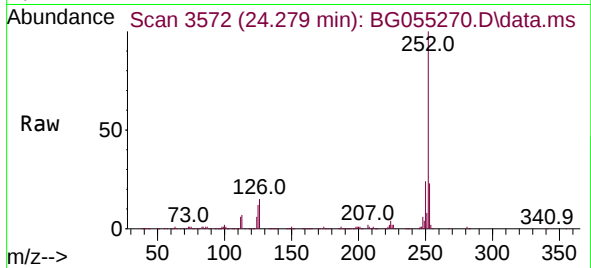
#89
Benzo(k)fluoranthene
Concen: 45.866 ng
RT: 24.279 min Scan# 3573
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS



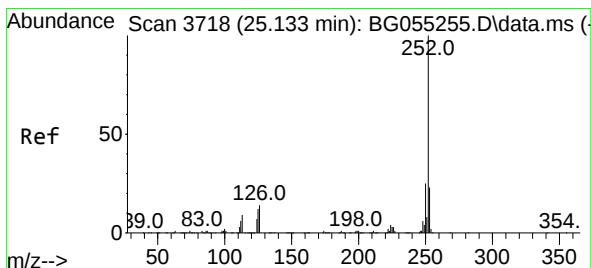
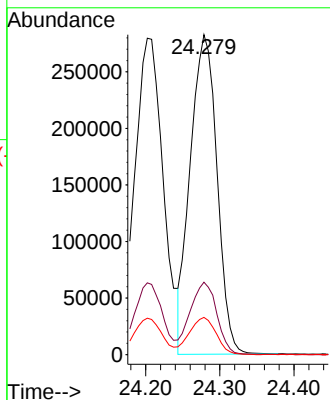
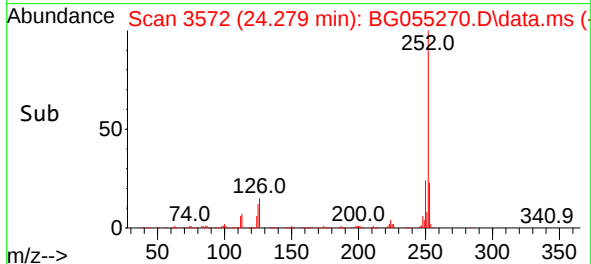
Tgt Ion:252 Resp: 708780
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 11.6 9.1 13.7

Manual Integrations

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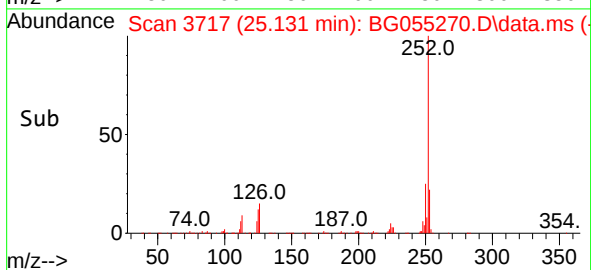
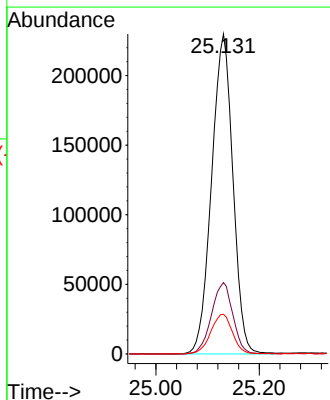
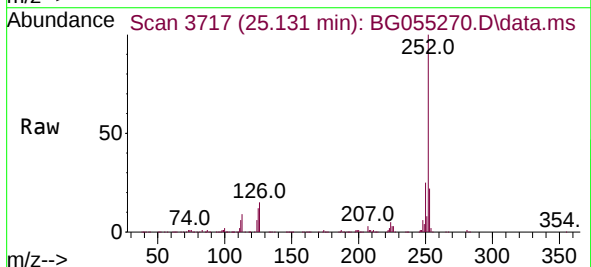
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

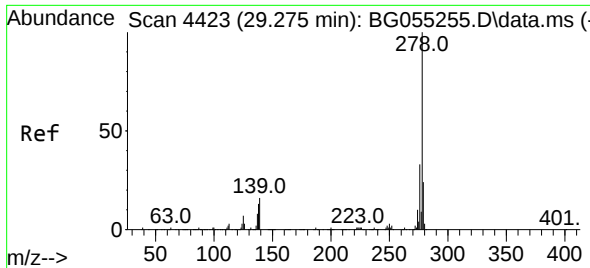
Supervised By :Jagrut
Upadhyay
11/02/2022



#90
Benzo(a)pyrene
Concen: 50.278 ng
RT: 25.131 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:252 Resp: 659842
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 12.4 9.8 14.8





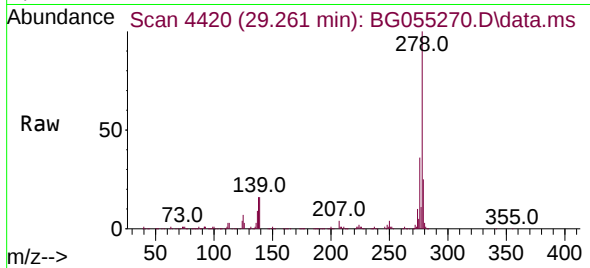
#91
Dibenzo(a,h)anthracene
Concen: 47.195 ng
RT: 29.261 min Scan# 4423
Delta R.T. -0.014 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB148536BS

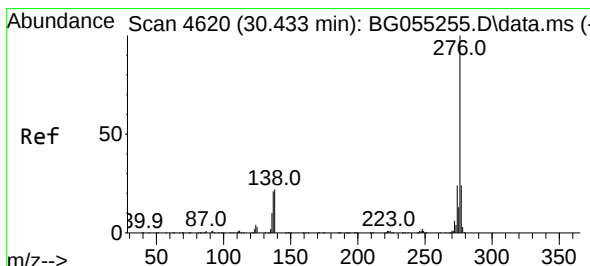
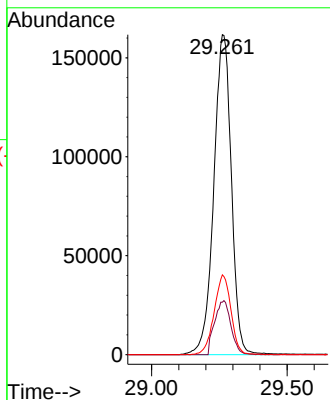
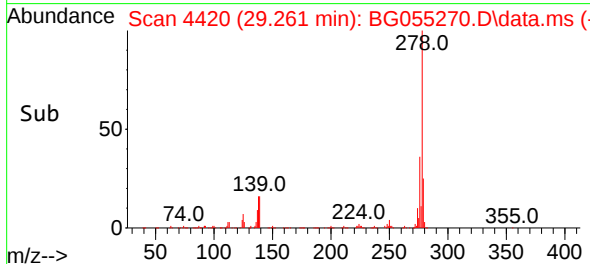


Tgt Ion:278 Resp: 727792
Ion Ratio Lower Upper
278 100
139 16.4 12.9 19.3
279 24.9 19.0 28.6

Manual Integrations
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Supervised By :Jagrut Upadhyay 11/02/2022

Supervised By :Jagrut
Upadhyay
11/02/2022



#92
Benzo(g,h,i)perylene
Concen: 46.927 ng
RT: 30.430 min Scan# 4619
Delta R.T. -0.002 min
Lab File: BG055270.D
Acq: 25 Oct 2022 10:22

Tgt Ion:276 Resp: 717773
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 22.5 17.2 25.8

