

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056142.D
 Acq On : 28 Dec 2022 16:25
 Operator : CG/JU
 Sample : N6220-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CRMSD

Quant Time: Dec 29 03:38:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

12/29/2022

Supervised By :Yogesh
 Patel

12/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	44942	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	160876	20.000	ng	# 0.00
39) Acenaphthene-d10	14.946	164	128742	20.000	ng	0.00
64) Phenanthrene-d10	17.678	188	341237	20.000	ng	0.00
76) Chrysene-d12	21.979	240	367076	20.000	ng	0.00
86) Perylene-d12	25.427	264	404283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	343091	136.306	ng	0.00
7) Phenol-d6	7.472	99	481272	124.505	ng	0.00
23) Nitrobenzene-d5	9.511	82	246042	78.231	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	205560	126.072	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	705174	75.638	ng	0.00
79) Terphenyl-d14	20.251	244	1473970	71.918	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.671	88	51805	45.060	ng	Qvalue 95
3) Pyridine	4.088	79	138904	39.668	ng	# 96
4) n-Nitrosodimethylamine	4.000	42	31569	44.319	ng	# 97
6) Aniline	7.648	93	120085	23.689	ng	97
8) 2-Chlorophenol	7.895	128	129510	51.706	ng	97
9) Benzaldehyde	7.460	77	75760	32.962	ng	93
10) Phenol	7.501	94	192376	49.074	ng	93
11) bis(2-Chloroethyl)ether	7.736	93	117898	44.380	ng	96
12) 1,3-Dichlorobenzene	8.224	146	151007	49.536	ng	96
13) 1,4-Dichlorobenzene	8.371	146	152644	49.865	ng	97
14) 1,2-Dichlorobenzene	8.694	146	147147	49.818	ng	98
15) Benzyl Alcohol	8.565	79	122709	43.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.859	45	20184	42.995	ng	95
17) 2-Methylphenol	8.765	107	125165	43.513	ng	96
18) Hexachloroethane	9.434	117	47063	50.608	ng	94
19) n-Nitroso-di-n-propyla...	9.141	70	87828	37.365	ng	97
20) 3+4-Methylphenols	9.094	107	175519	43.400	ng	98
22) Acetophenone	9.158	105	209031	45.953	ng	# 99
24) Nitrobenzene	9.552	77	138007	44.278	ng	100
25) Isophorone	10.069	82	268429	40.565	ng	98
26) 2-Nitrophenol	10.269	139	76068	47.700	ng	98
27) 2,4-Dimethylphenol	10.310	122	143378	49.294	ng	100
28) bis(2-Chloroethoxy)met...	10.545	93	151492	44.047	ng	97
29) 2,4-Dichlorophenol	10.803	162	160783	50.000	ng	97
30) 1,2,4-Trichlorobenzene	11.027	180	175069	47.976	ng	98
31) Naphthalene	11.221	128	391021	46.184	ng	98
32) Benzoic acid	10.427	122	103959m	48.172	ng	
33) 4-Chloroaniline	11.315	127	64283	15.902	ng	100
34) Hexachlorobutadiene	11.497	225	123553	47.076	ng	97
35) Caprolactam	12.072	113	47223m	43.375	ng	
36) 4-Chloro-3-methylphenol	12.407	107	151409	46.402	ng	98
37) 2-Methylnaphthalene	12.795	142	301162	42.127	ng	98
38) 1-Methylnaphthalene	13.013	142	277971	41.872	ng	99
40) 1,2,4,5-Tetrachloroben...	13.159	216	232097	48.101	ng	99
41) Hexachlorocyclopentadiene	13.136	237	295418	107.387	ng	95
43) 2,4,6-Trichlorophenol	13.383	196	159936	50.126	ng	95

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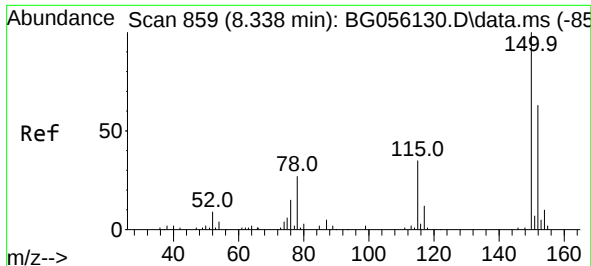
Manual Integrations APPROVED

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 Giraldo

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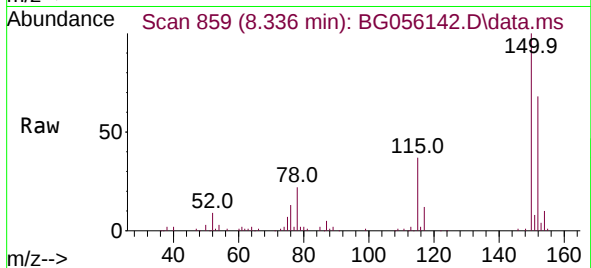
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	172096	45.597	ng	99
46) 1,1'-Biphenyl	13.782	154	441320	47.865	ng	99
47) 2-Chloronaphthalene	13.835	162	351052	48.238	ng	98
48) 2-Nitroaniline	14.023	65	71876	46.354	ng	98
49) Acenaphthylene	14.669	152	548006	46.273	ng	99
50) Dimethylphthalate	14.382	163	457096	43.982	ng	98
51) 2,6-Dinitrotoluene	14.505	165	101326	45.755	ng	95
52) Acenaphthene	15.010	154	408469	53.030	ng	100
53) 3-Nitroaniline	14.834	138	49104	23.299	ng	98
54) 2,4-Dinitrophenol	15.040	184	156218	98.745	ng	96
55) Dibenzofuran	15.339	168	580155	45.516	ng	100
56) 4-Nitrophenol	15.128	139	170418	105.137	ng	95
57) 2,4-Dinitrotoluene	15.286	165	144839	46.767	ng	97
58) Fluorene	15.986	166	463961	45.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.557	232	172620	48.710	ng	97
60) Diethylphthalate	15.733	149	422600	43.359	ng	98
61) 4-Chlorophenyl-phenylether	15.968	204	284467	44.462	ng	98
62) 4-Nitroaniline	15.991	138	96832	44.853	ng	97
63) Azobenzene	16.256	77	333378	44.325	ng	98
65) 4,6-Dinitro-2-methylph...	16.050	198	106509	46.327	ng	90
66) n-Nitrosodiphenylamine	16.179	169	420537	44.418	ng	98
67) 4-Bromophenyl-phenylether	16.861	248	194348	44.726	ng	98
68) Hexachlorobenzene	16.984	284	195977	48.341	ng	97
69) Atrazine	17.114	200	193157	49.227	ng	97
70) Pentachlorophenol	17.325	266	288340	92.588	ng	97
71) Phenanthrene	17.725	178	834467	47.188	ng	99
72) Anthracene	17.813	178	839904	46.042	ng	100
73) Carbazole	18.077	167	756068	49.307	ng	98
74) Di-n-butylphthalate	18.606	149	738607	48.321	ng	100
75) Fluoranthene	19.711	202	1132792	49.108	ng	99
77) Benzidine	19.875	184	430112	33.436	ng	99
78) Pyrene	20.069	202	1156103	44.684	ng	99
80) Butylbenzylphthalate	20.933	149	339514	45.740	ng	98
81) Benzo(a)anthracene	21.955	228	1188692	46.105	ng	99
82) 3,3'-Dichlorobenzidine	21.855	252	215478	23.217	ng	97
83) Chrysene	22.026	228	1100581	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.826	149	484146	45.272	ng	99
85) Di-n-octyl phthalate	23.112	149	853120	47.255	ng	100
87) Indeno(1,2,3-cd)pyrene	29.417	276	1427551	48.553	ng	100
88) Benzo(b)fluoranthene	24.329	252	1279270	49.803	ng	99
89) Benzo(k)fluoranthene	24.399	252	1209151	47.272	ng	99
90) Benzo(a)pyrene	25.269	252	1125528	44.925	ng	100
91) Dibenzo(a,h)anthracene	29.487	278	1172954	47.583	ng	99
92) Benzo(g,h,i)perylene	30.674	276	1143188	47.823	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.336 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG056142.D
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 TP-CRMSD



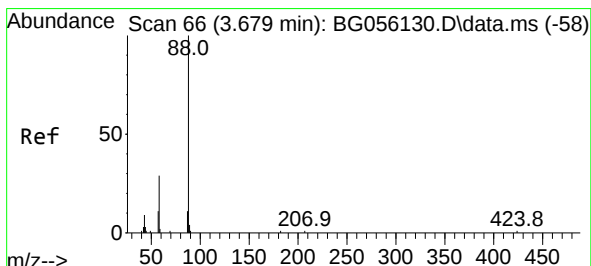
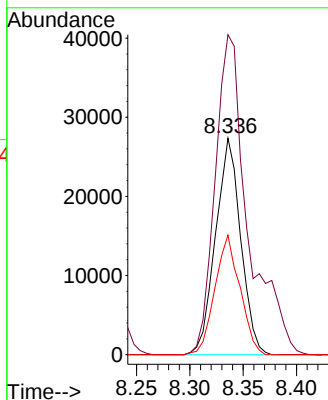
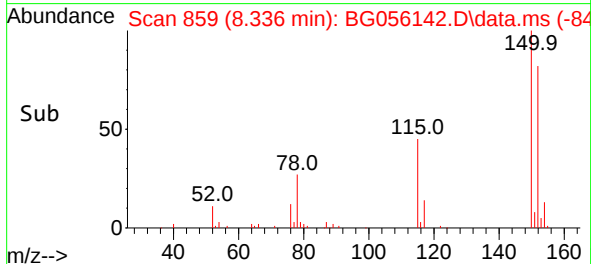
Tgt Ion:152 Resp: 44942
 Ion Ratio Lower Upper
 152 100
 150 147.8 127.9 191.9
 115 55.2 44.2 66.2

Manual Integrations
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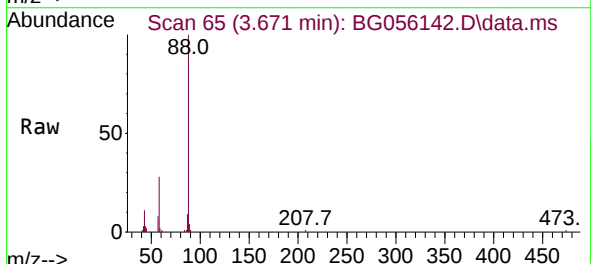
Reviewed By :Christian
 Giraldo

12/29/2022
 Supervised By :Yogesh
 Patel

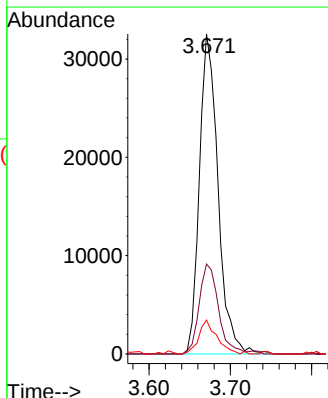
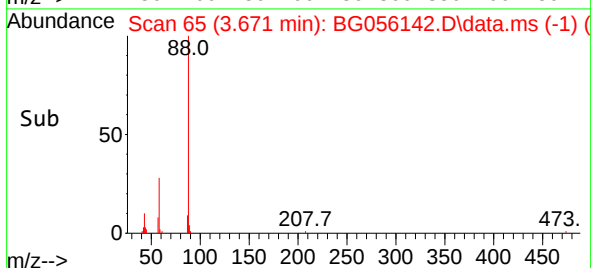
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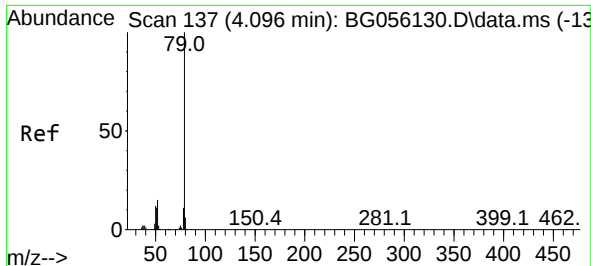


#2
 1,4-Dioxane
 Concen: 45.060 ng
 RT: 3.671 min Scan# 65
 Delta R.T. -0.008 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25



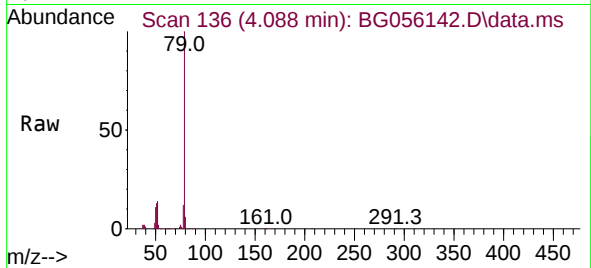
Tgt Ion: 88 Resp: 51805
 Ion Ratio Lower Upper
 88 100
 58 29.5 21.4 32.0
 43 10.1 7.1 10.7





#3
Pyridine
Concen: 39.668 ng
RT: 4.088 min Scan# 137
Delta R.T. -0.008 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



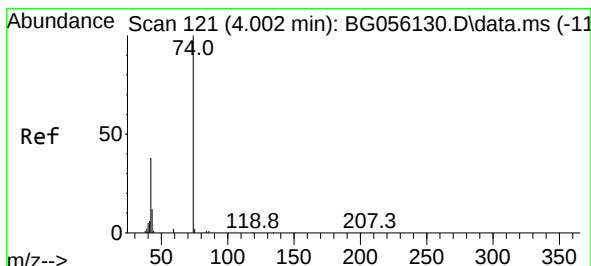
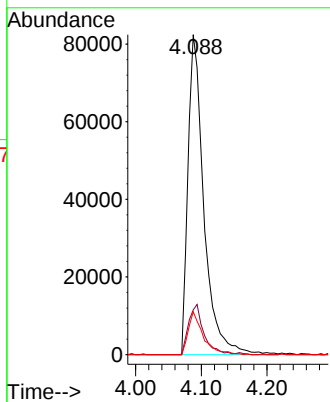
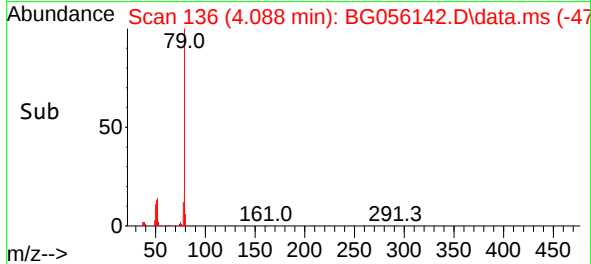
Tgt Ion: 79 Resp: 138904
Ion Ratio Lower Upper
79 100
52 14.0 11.8 17.6
51 13.4 8.8 13.2

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Giraldo

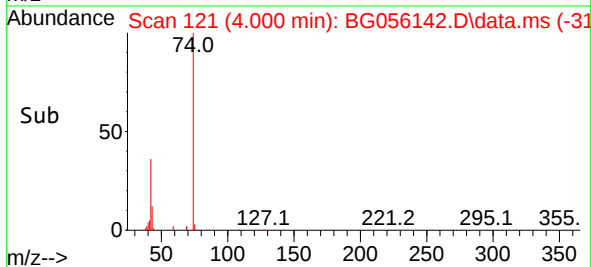
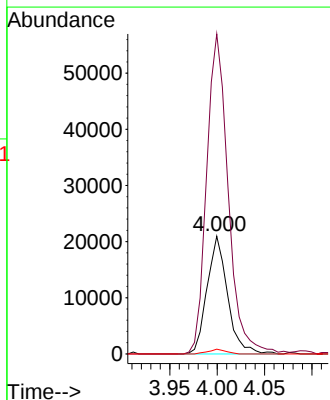
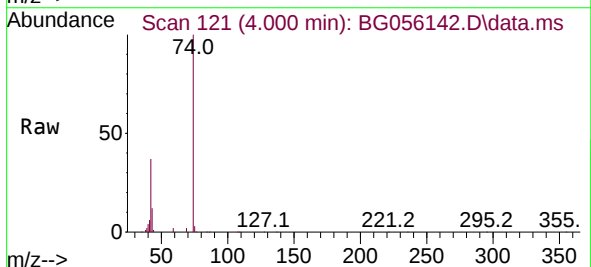
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Patel

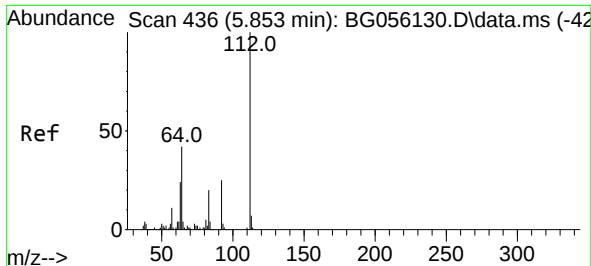
12/29/2022



#4
n-Nitrosodimethylamine
Concen: 44.319 ng
RT: 4.000 min Scan# 121
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion: 42 Resp: 31569
Ion Ratio Lower Upper
42 100
74 271.9 212.6 319.0
44 4.0 2.6 3.8





#5
2-Fluorophenol
Concen: 136.306 ng
RT: 5.856 min Scan# 436
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD

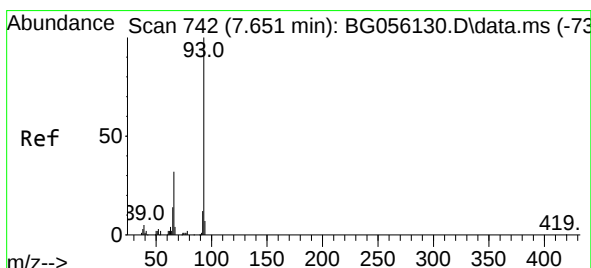
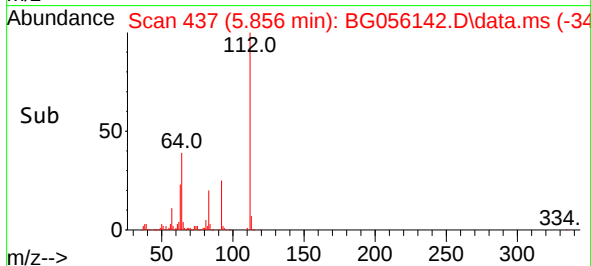
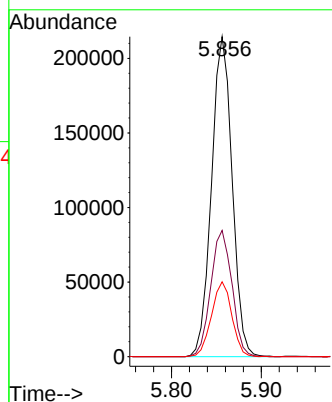
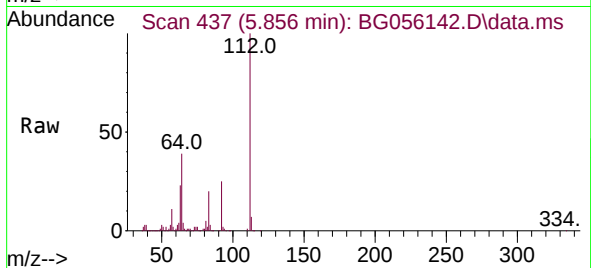
Tgt Ion: 112 Resp: 343091
Ion Ratio Lower Upper
112 100
64 39.4 33.3 49.9
63 23.4 19.0 28.4

Manual Integrations
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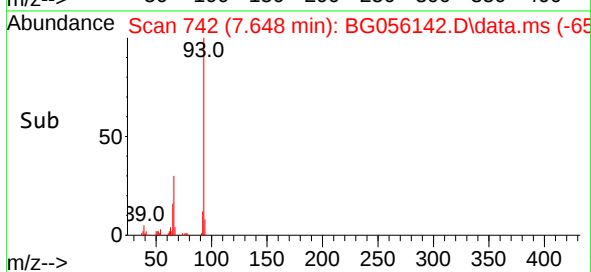
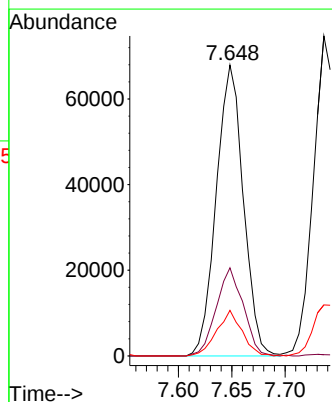
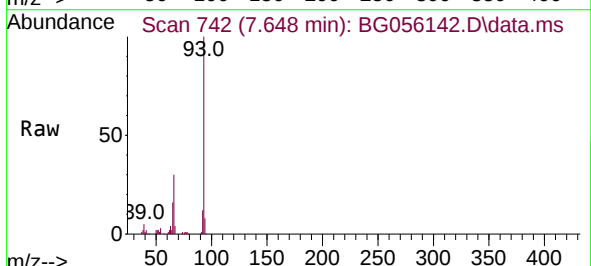
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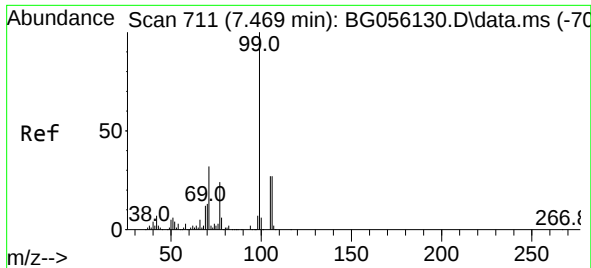
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#6
Aniline
Concen: 23.689 ng
RT: 7.648 min Scan# 742
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion: 93 Resp: 120085
Ion Ratio Lower Upper
93 100
66 30.3 25.4 38.2
65 15.7 11.4 17.2





#7

Phenol-d6

Concen: 124.505 ng

RT: 7.472 min Scan# 711

Delta R.T. 0.003 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD

Tgt Ion: 99 Resp: 481272

Ion Ratio Lower Upper

99 100

42 7.8 5.9 8.9

71 30.3 25.4 38.2

Manual Integrations

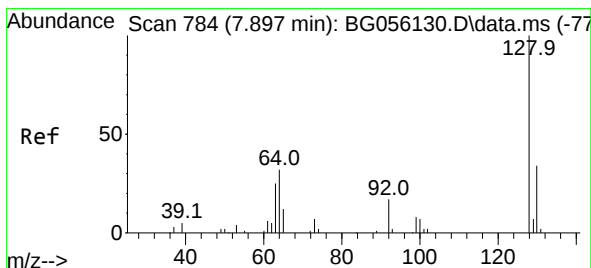
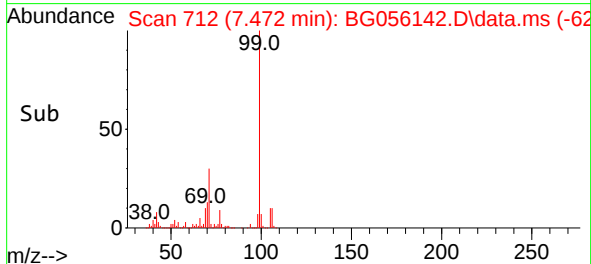
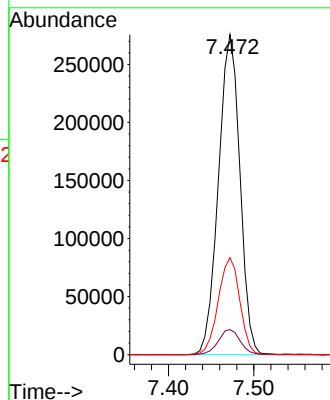
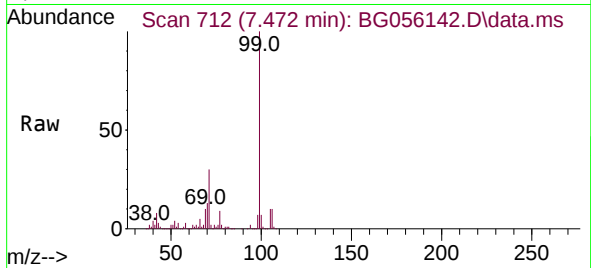
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Patel

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#8

2-Chlorophenol

Concen: 51.706 ng

RT: 7.895 min Scan# 784

Delta R.T. -0.002 min

Lab File: BG056142.D

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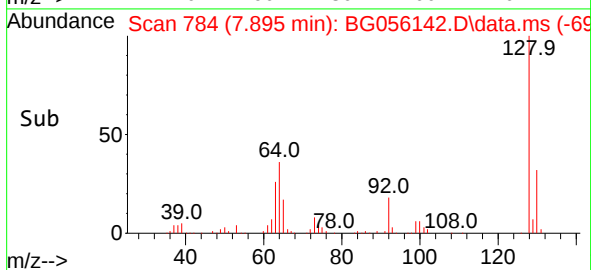
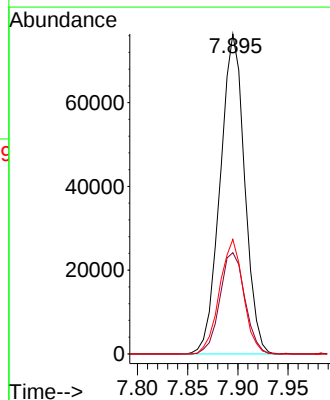
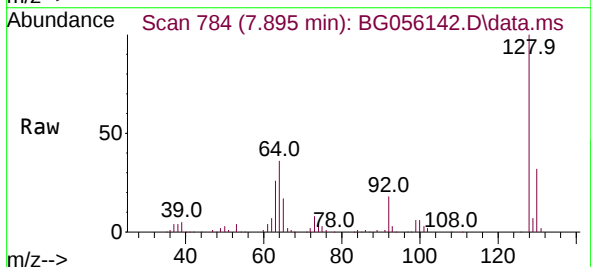
Tgt Ion:128 Resp: 129510

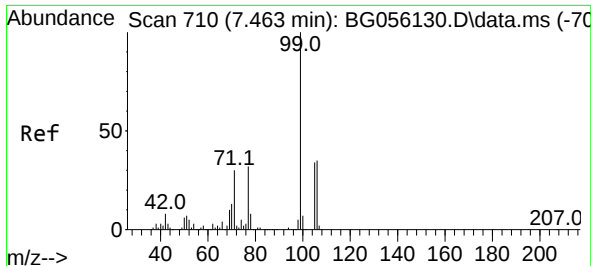
Ion Ratio Lower Upper

128 100

130 31.6 13.5 53.5

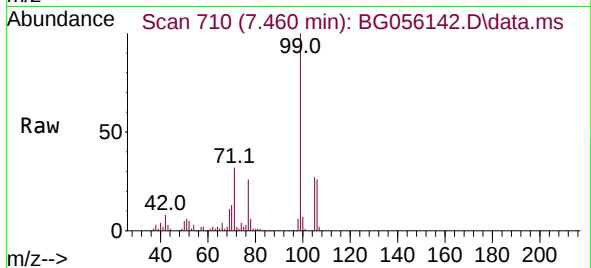
64 35.8 18.0 58.0





#9
Benzaldehyde
Concen: 32.962 ng
RT: 7.460 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



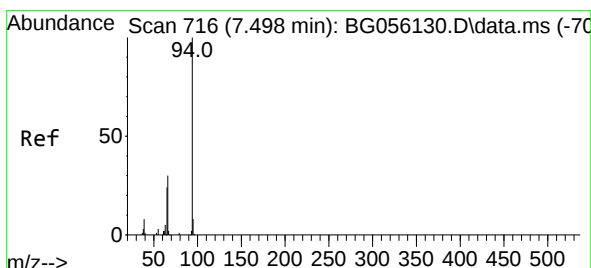
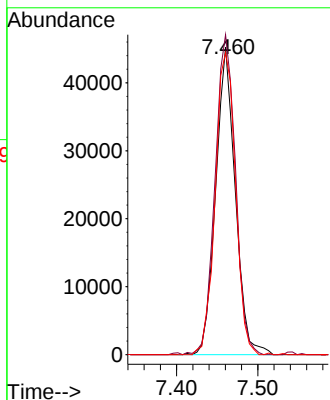
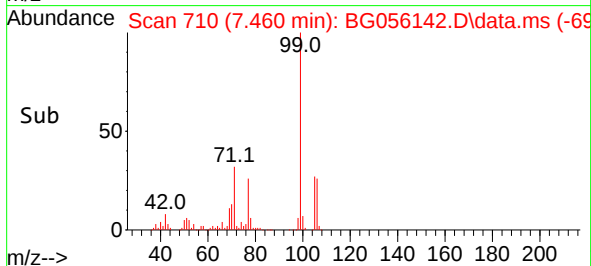
Tgt Ion: 77 Resp: 75760
Ion Ratio Lower Upper
77 100
105 104.1 86.8 126.8
106 98.3 89.3 129.3

Manual Integrations
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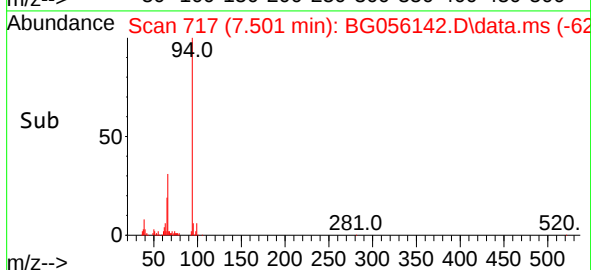
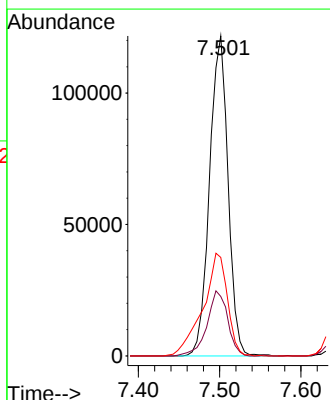
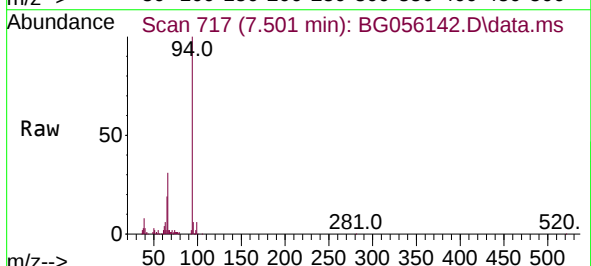
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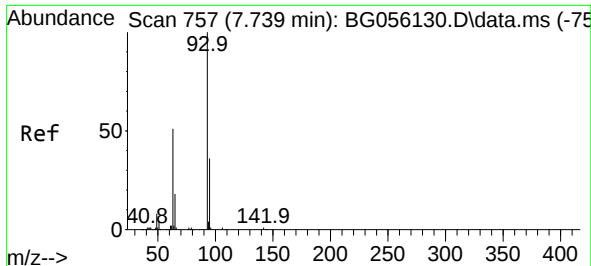
12/29/2022



#10
Phenol
Concen: 49.074 ng
RT: 7.501 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion: 94 Resp: 192376
Ion Ratio Lower Upper
94 100
65 18.6 4.3 44.3
66 30.8 13.2 53.2





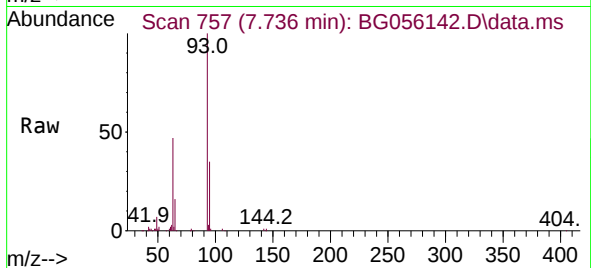
#11
bis(2-Chloroethyl)ether
Concen: 44.380 ng
RT: 7.736 min Scan# 757
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD



Tgt Ion: 93 Resp: 117898
Ion Ratio Lower Upper
93 100
63 46.9 30.5 70.5
95 34.8 15.9 55.9

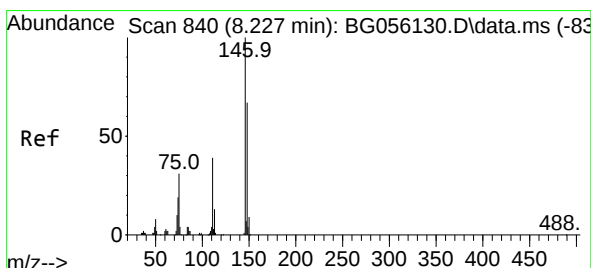
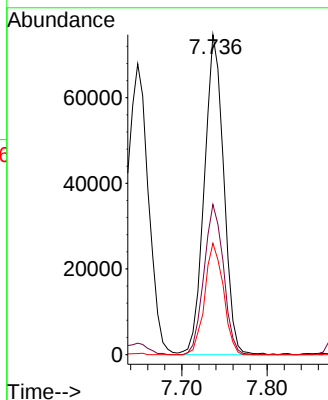
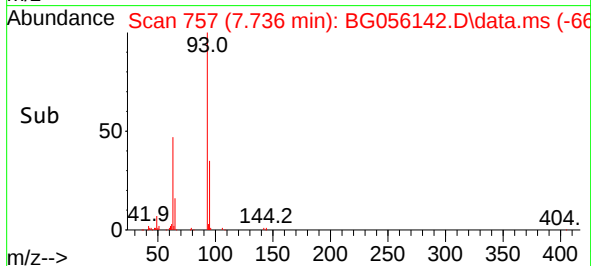
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Giraldo

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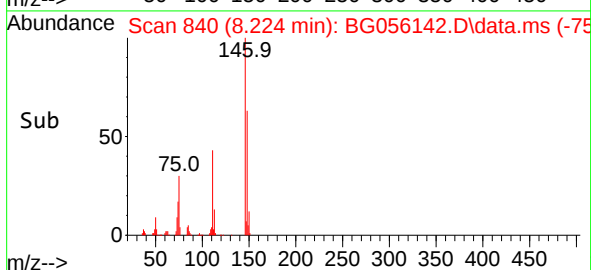
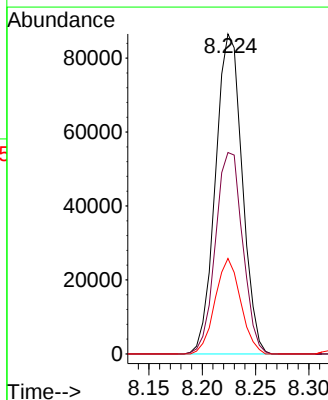
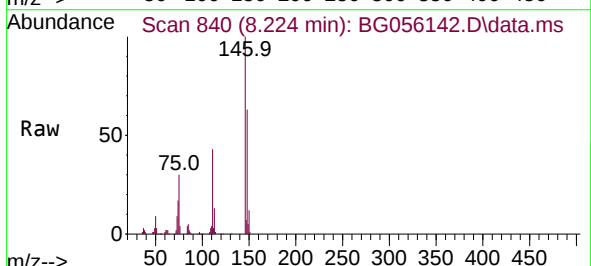
Supervised By :Yogesh
Patel

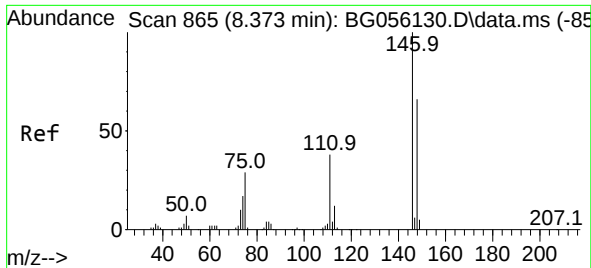
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#12
1,3-Dichlorobenzene
Concen: 49.536 ng
RT: 8.224 min Scan# 840
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

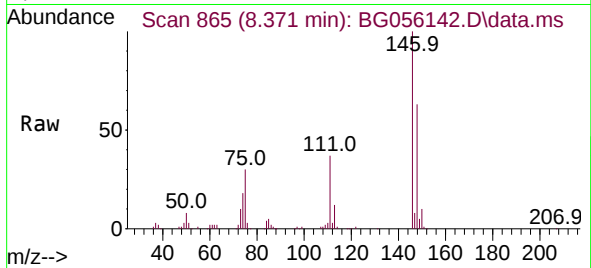
Tgt Ion:146 Resp: 151007
Ion Ratio Lower Upper
146 100
148 62.9 53.5 80.3
75 29.8 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 49.865 ng
RT: 8.371 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



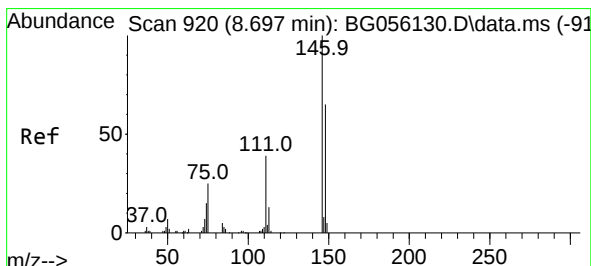
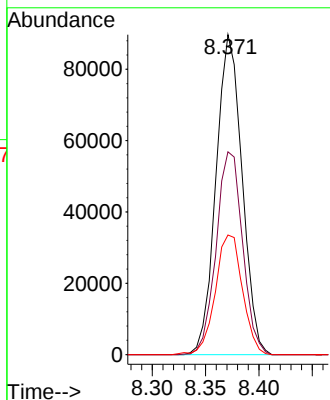
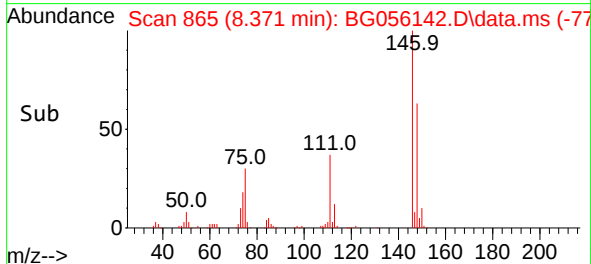
Tgt Ion:146 Resp: 152644
Ion Ratio Lower Upper
146 100
148 63.4 52.8 79.2
111 37.4 30.5 45.7

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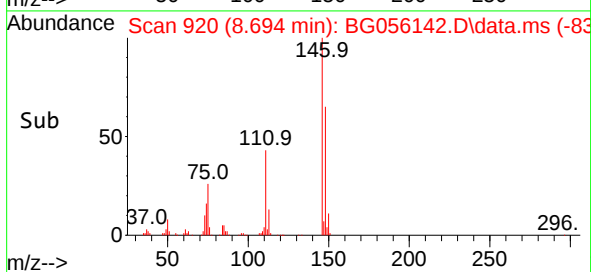
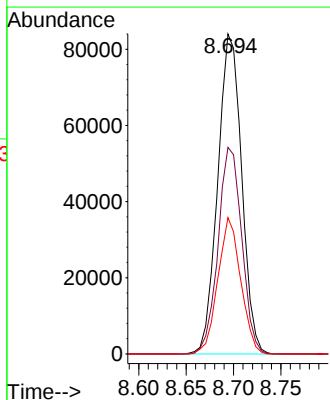
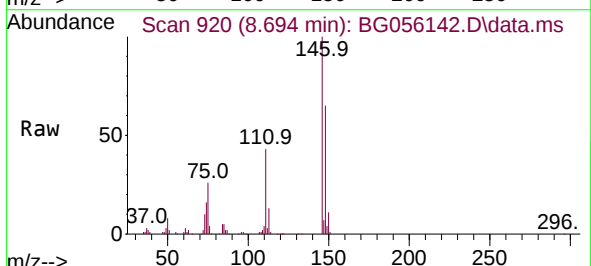
12/29/2022
Supervised By :Yogesh
Patel

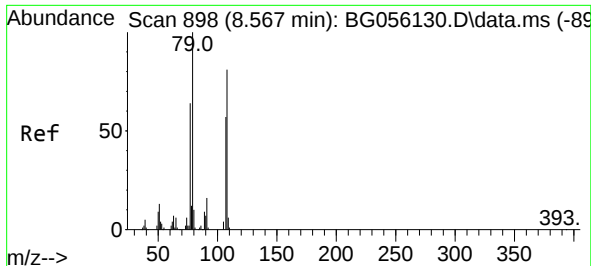
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#14
1,2-Dichlorobenzene
Concen: 49.818 ng
RT: 8.694 min Scan# 920
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

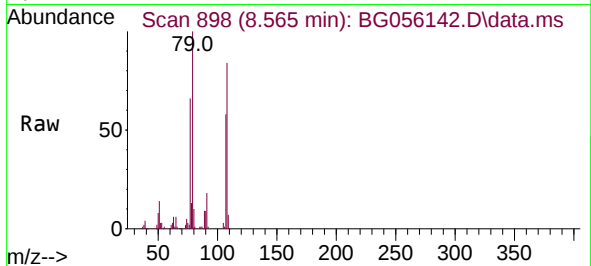
Tgt Ion:146 Resp: 147147
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.6 31.5 47.3





#15
Benzyl Alcohol
Concen: 43.618 ng
RT: 8.565 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



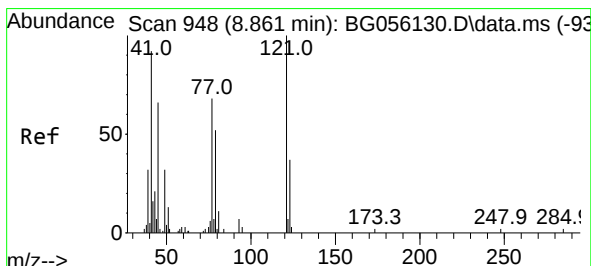
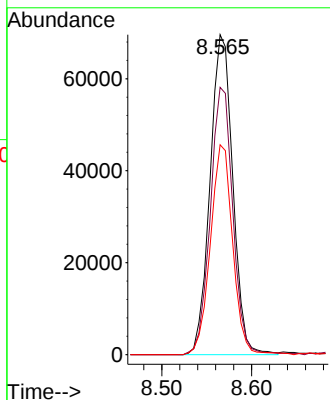
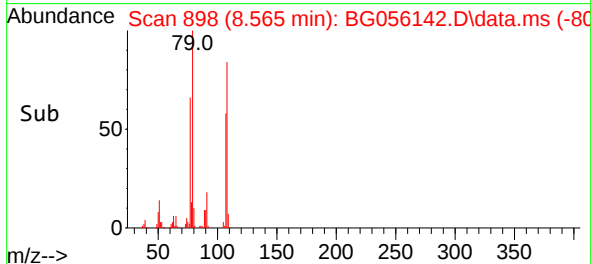
Tgt Ion: 79 Resp: 122709
Ion Ratio Lower Upper
79 100
108 83.5 64.7 97.1
77 65.6 51.5 77.3

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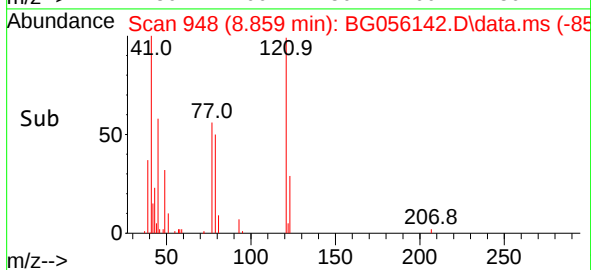
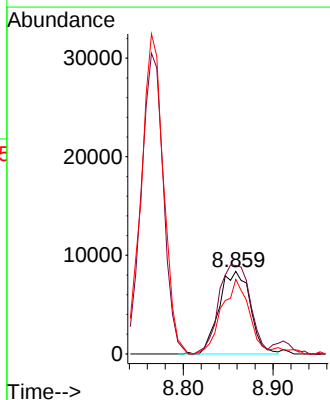
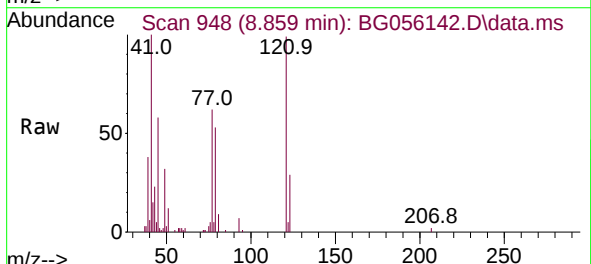
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Supervised By :Yogesh
Patel

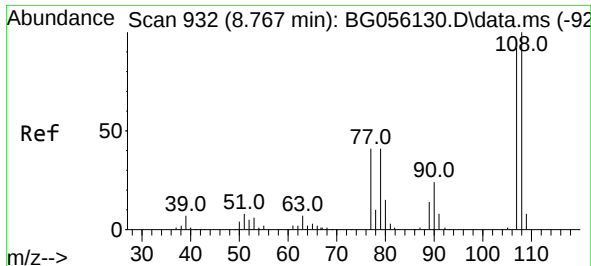
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.995 ng
RT: 8.859 min Scan# 948
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion: 45 Resp: 20184
Ion Ratio Lower Upper
45 100
77 107.3 88.2 128.2
79 90.5 61.2 101.2





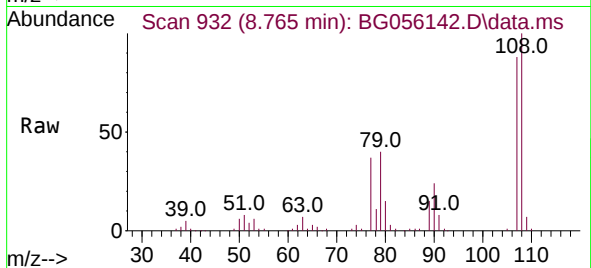
#17
2-Methylphenol
Concen: 43.513 ng
RT: 8.765 min Scan# 932
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD



Tgt Ion:107 Resp: 125165
Ion Ratio Lower Upper
107 100
108 113.3 86.6 129.8
77 42.2 35.4 53.2
79 44.9 35.4 53.2

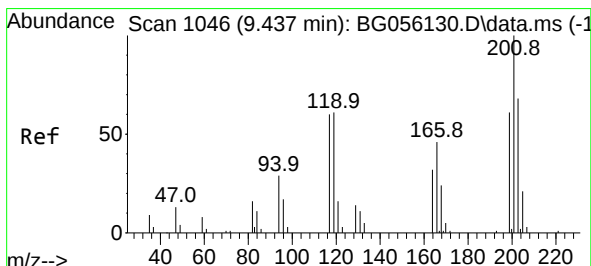
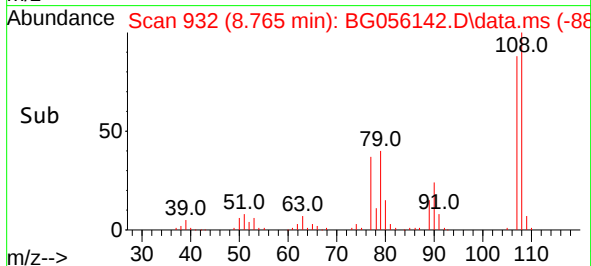
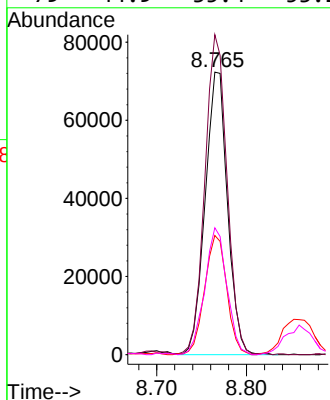
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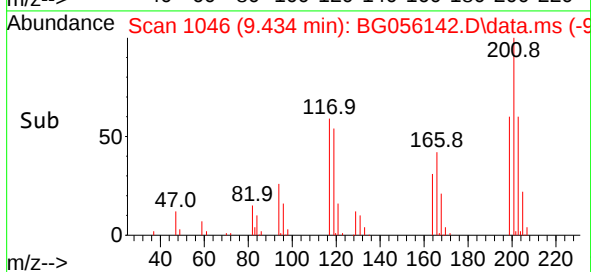
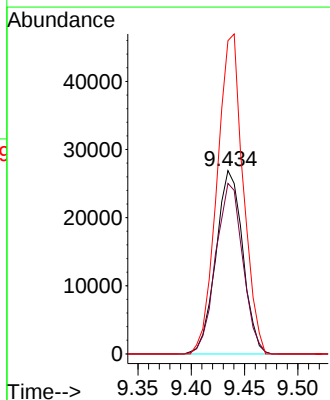
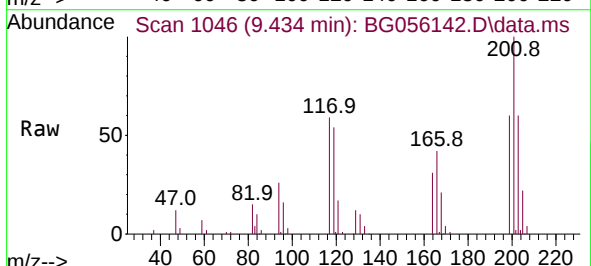
Supervised By :Yogesh
Patel

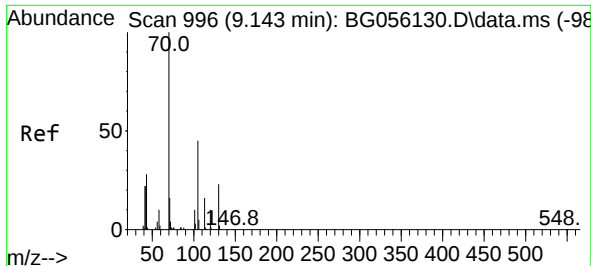
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#18
Hexachloroethane
Concen: 50.608 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

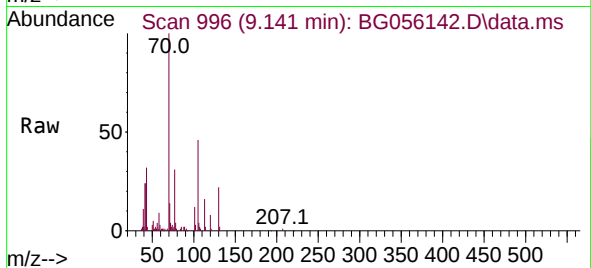
Tgt Ion:117 Resp: 47063
Ion Ratio Lower Upper
117 100
119 93.9 81.8 122.6
201 174.6 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.365 ng
RT: 9.141 min Scan# 996
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



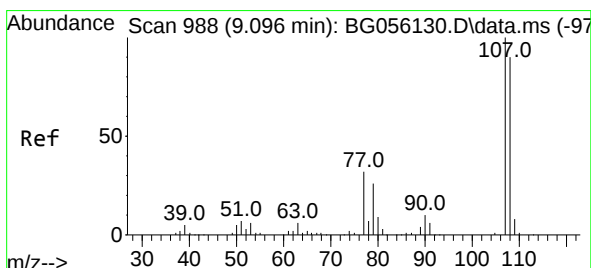
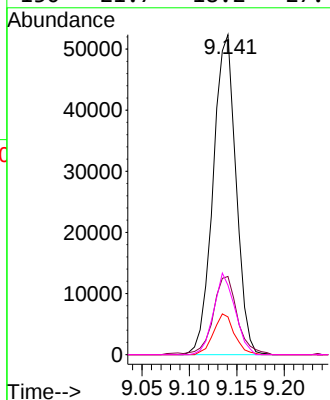
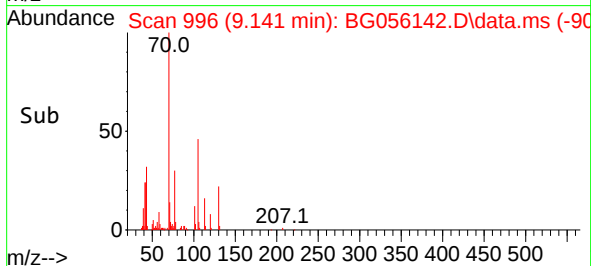
Tgt Ion: 70 Resp: 87828
Ion Ratio Lower Upper
70 100
42 24.4 18.2 27.2
101 11.8 8.3 12.5
130 21.7 18.2 27.4

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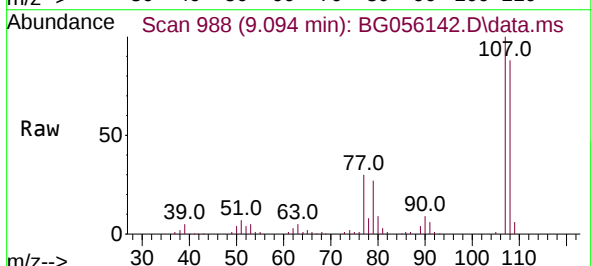
Reviewed By :Christian
Giraldo

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Supervised By :Yogesh
Patel

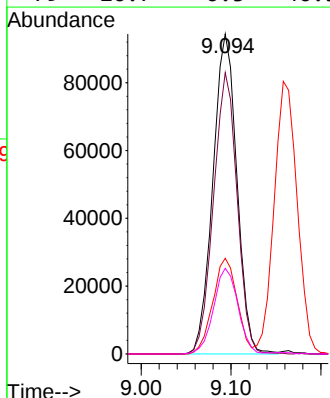
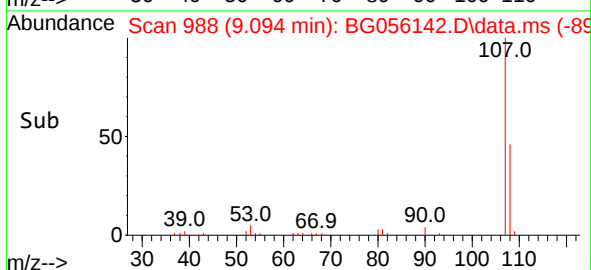
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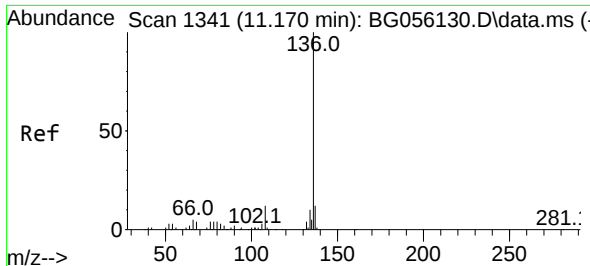


#20
3+4-Methylphenols
Concen: 43.400 ng
RT: 9.094 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



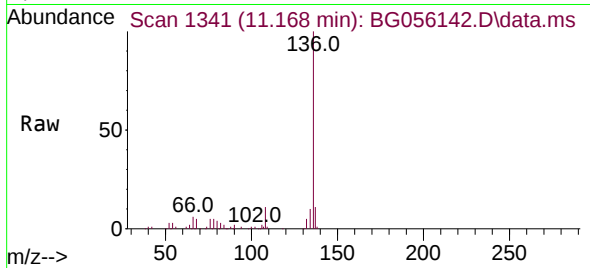
Tgt Ion:107 Resp: 175519
Ion Ratio Lower Upper
107 100
108 87.9 69.6 109.6
77 29.9 11.7 51.7
79 26.7 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



Tgt Ion:136 Resp: 160876

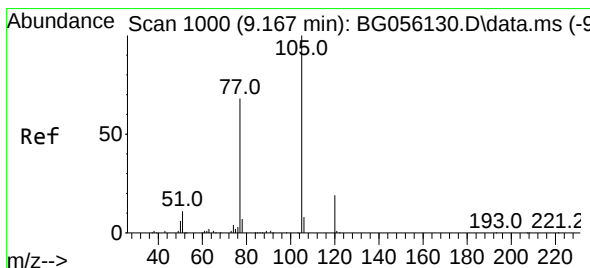
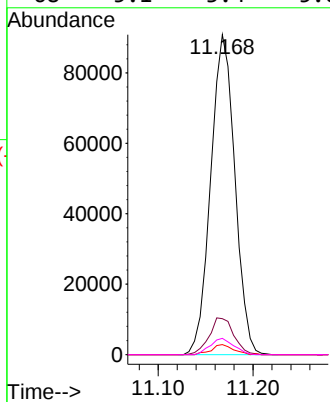
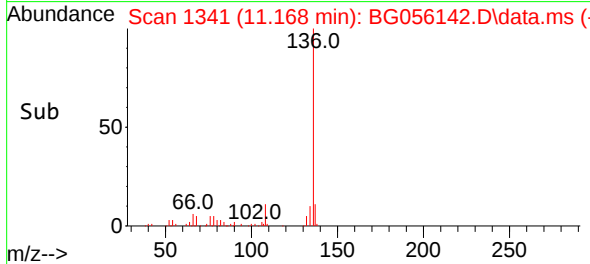
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	3.1	2.2	3.2
68	5.1	3.4	5.0

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Patel

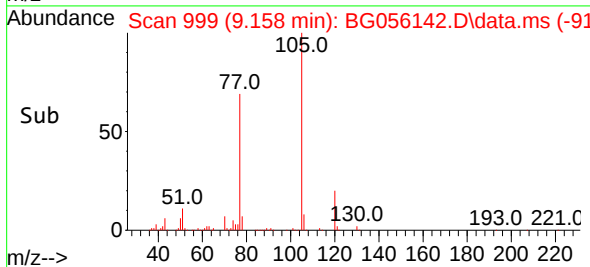
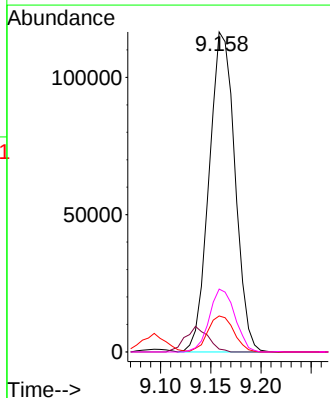
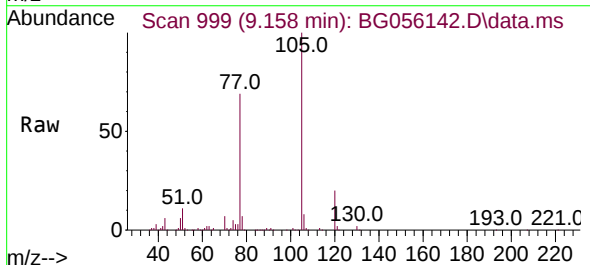
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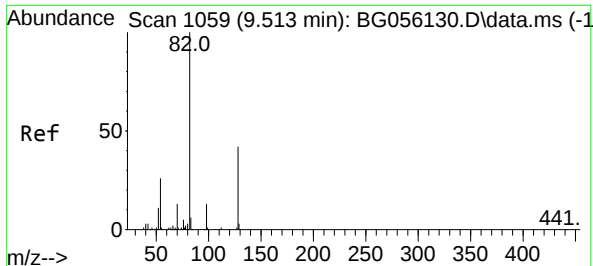


#22
Acetophenone
Concen: 45.953 ng
RT: 9.158 min Scan# 999
Delta R.T. -0.008 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:105 Resp: 209031

Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.5	0.7
51	11.2	9.3	13.9
120	19.6	15.5	23.3





#23

Nitrobenzene-d5

Concen: 78.231 ng

RT: 9.511 min Scan# 1059

Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD

Tgt Ion: 82	Resp: 246042
Ion Ratio	Lower Upper
82 100	
128 43.7	33.4 50.2
54 24.8	20.3 30.5

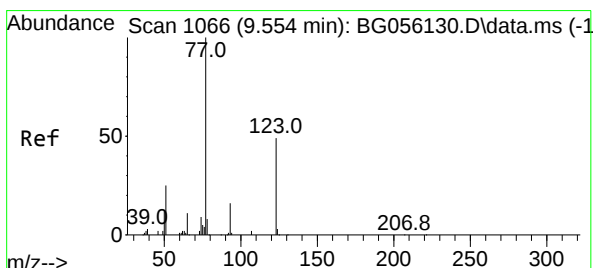
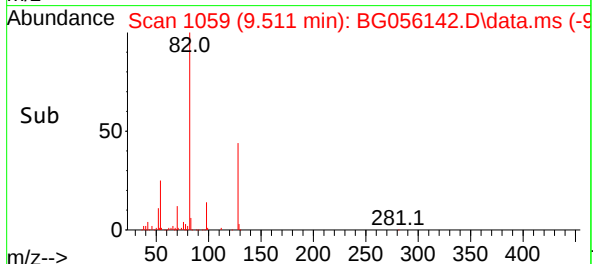
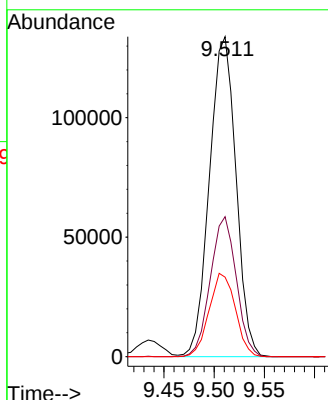
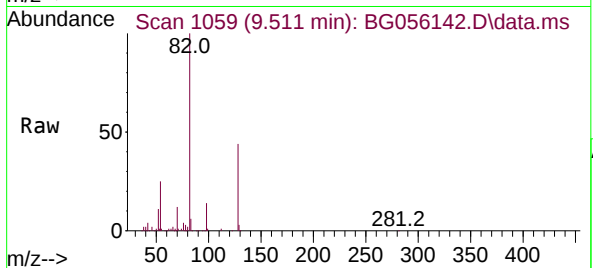
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Supervised By :Yogesh
Patel

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#24

Nitrobenzene

Concen: 44.278 ng

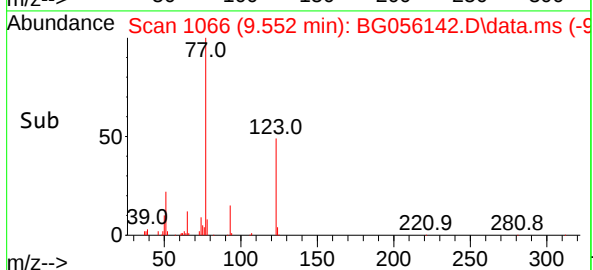
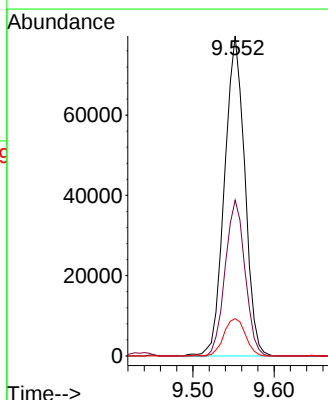
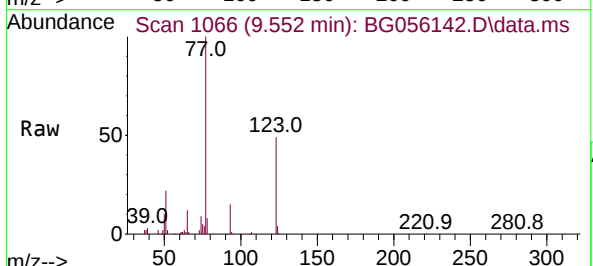
RT: 9.552 min Scan# 1066

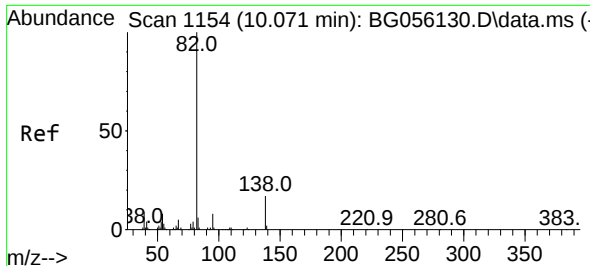
Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

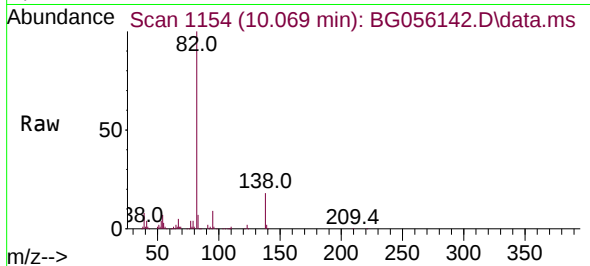
Tgt Ion: 77	Resp: 138007
Ion Ratio	Lower Upper
77 100	
123 48.7	38.8 58.2
65 11.6	9.1 13.7





#25
Isophorone
Concen: 40.565 ng
RT: 10.069 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



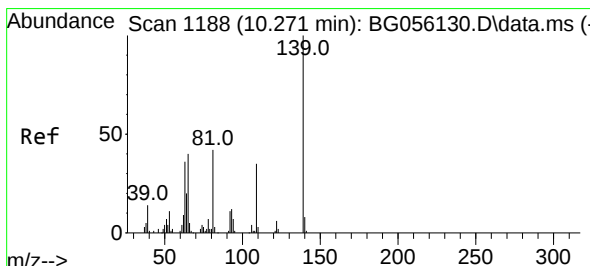
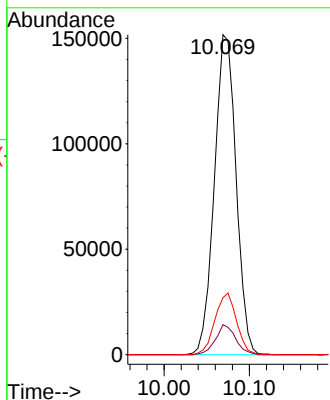
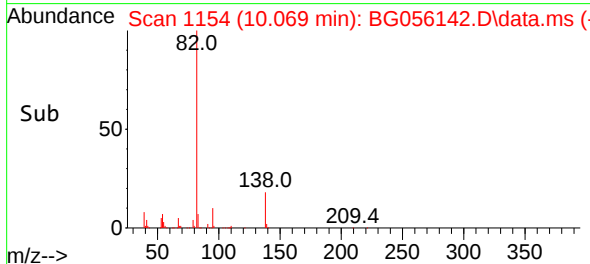
Tgt Ion: 82 Resp: 268429
Ion Ratio Lower Upper
82 100
95 9.4 6.7 10.1
138 17.8 13.7 20.5

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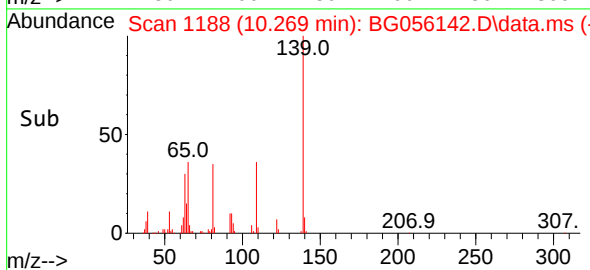
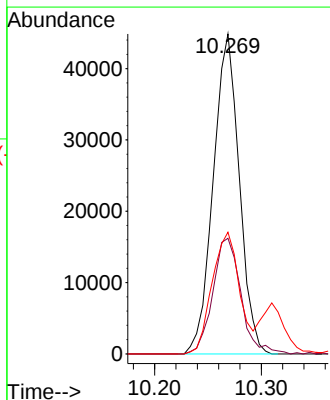
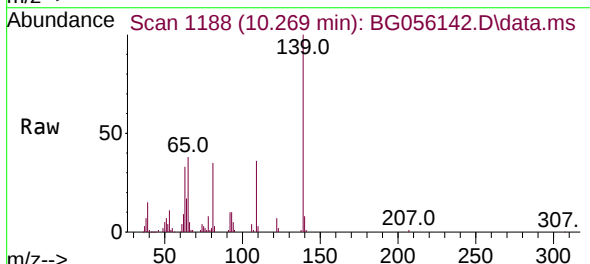
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Supervised By :Yogesh
Patel

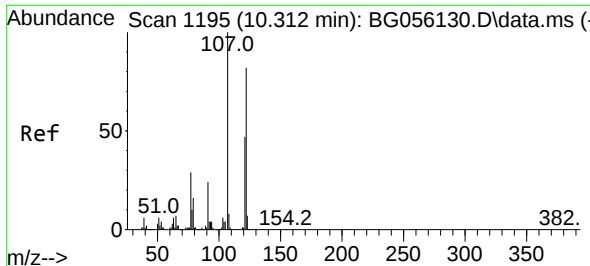
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#26
2-Nitrophenol
Concen: 47.700 ng
RT: 10.269 min Scan# 1188
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:139 Resp: 76068
Ion Ratio Lower Upper
139 100
109 36.1 28.4 42.6
65 38.0 32.1 48.1





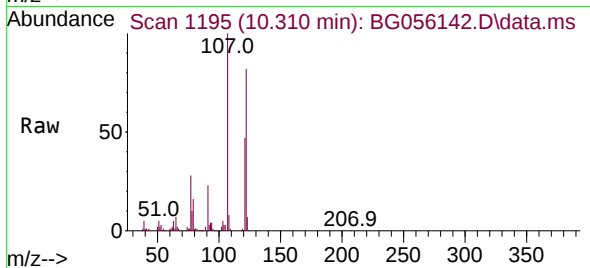
#27
2,4-Dimethylphenol
Concen: 49.294 ng
RT: 10.310 min Scan# 1195
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD



Tgt Ion:122 Resp: 143378
Ion Ratio Lower Upper
122 100
107 121.9 97.5 146.3
121 56.7 45.9 68.9

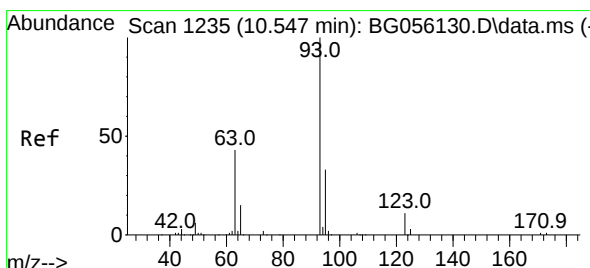
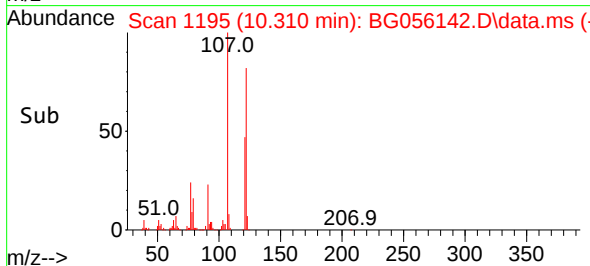
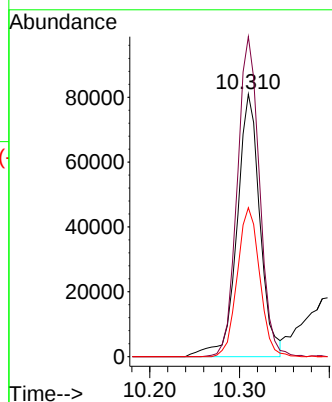
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

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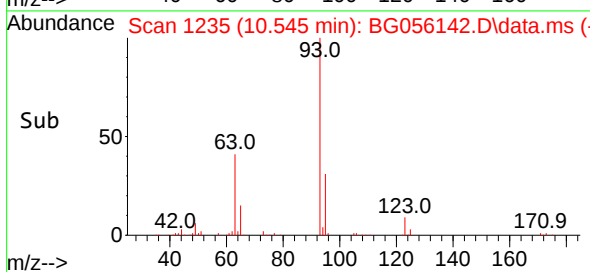
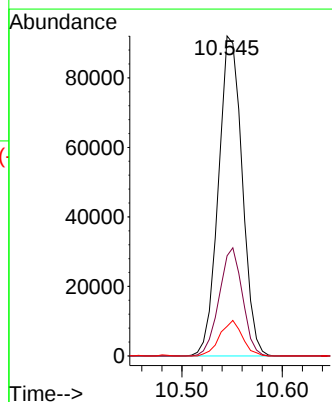
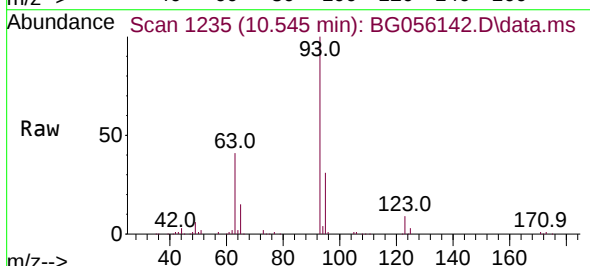
Supervised By :Yogesh
Patel

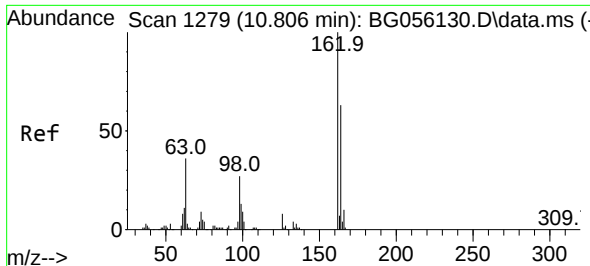
12/29/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.047 ng
RT: 10.545 min Scan# 1235
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion: 93 Resp: 151492
Ion Ratio Lower Upper
93 100
95 31.3 26.2 39.2
123 9.2 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 50.000 ng

RT: 10.803 min Scan# 1279

Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD

Tgt Ion:162 Resp: 160783
 Ion Ratio Lower Upper
 162 100
 164 62.3 43.3 83.3
 98 29.8 6.8 46.8

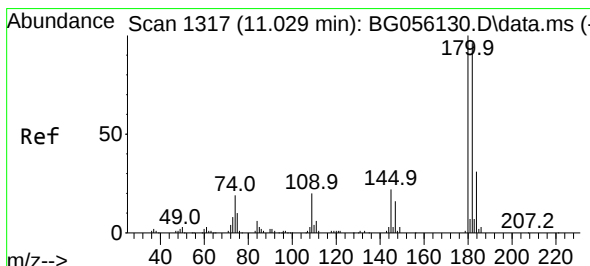
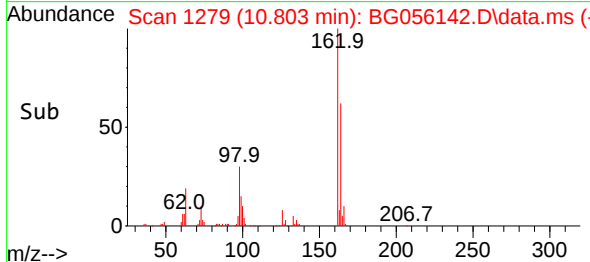
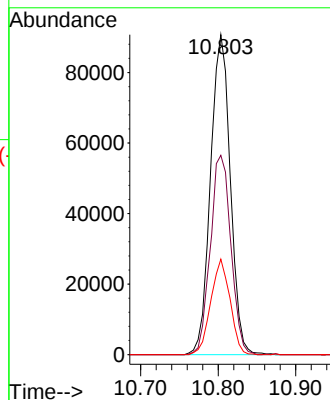
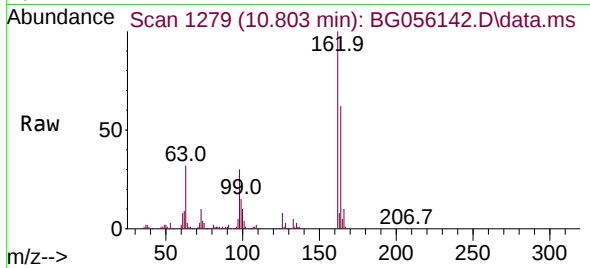
Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

12/29/2022

Supervised By :Yogesh
 Patel

12/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.976 ng

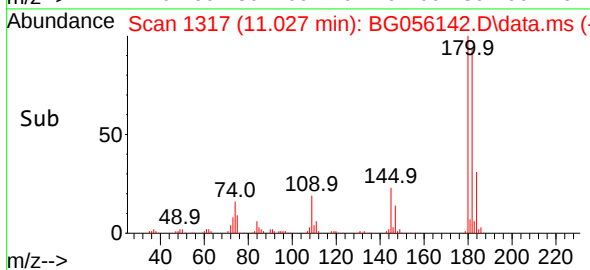
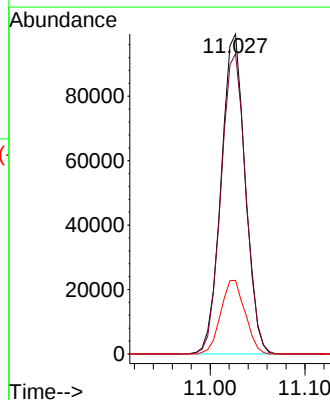
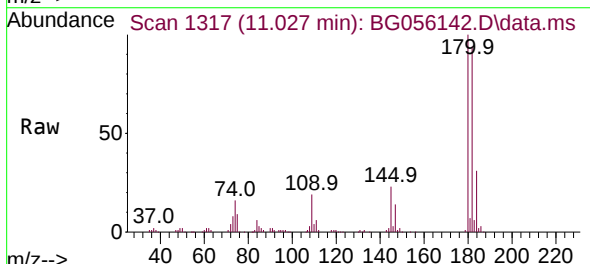
RT: 11.027 min Scan# 1317

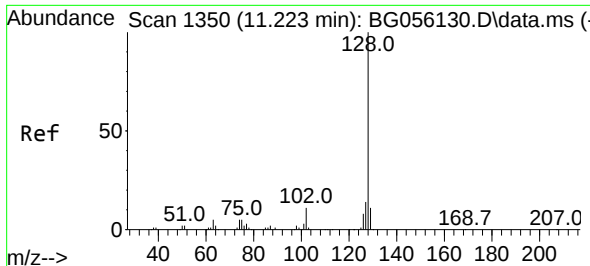
Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

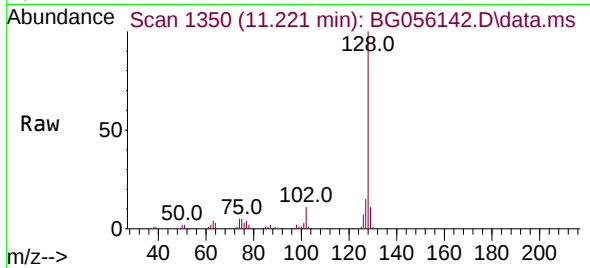
Tgt Ion:180 Resp: 175069
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.0 115.4
 145 23.0 17.4 26.2





#31
Naphthalene
Concen: 46.184 ng
RT: 11.221 min Scan# 1350
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



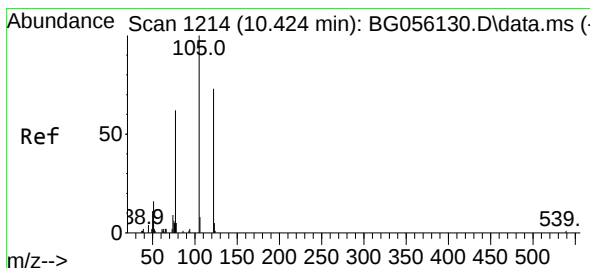
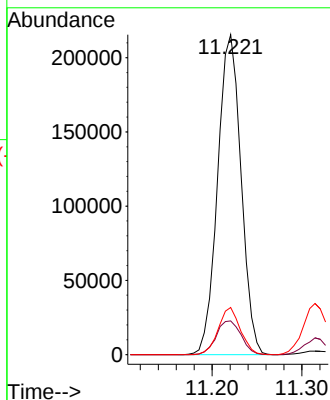
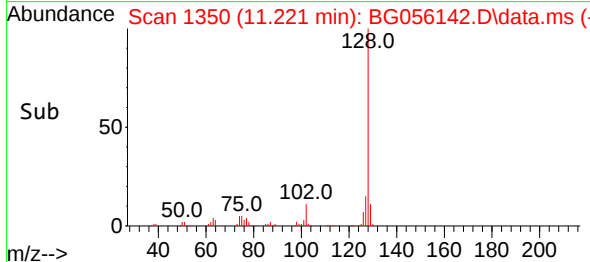
Tgt Ion:128 Resp: 391021
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 14.7 11.2 16.8

Manual Integrations
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Reviewed By :Christian
Giraldo

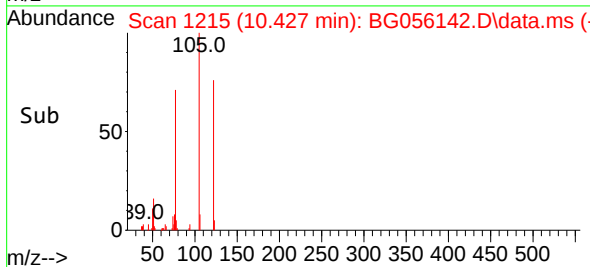
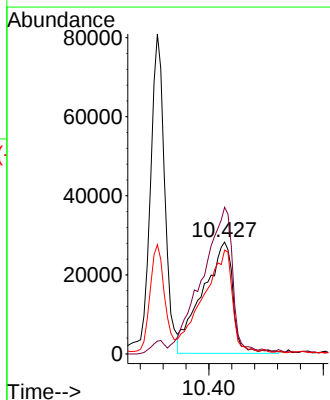
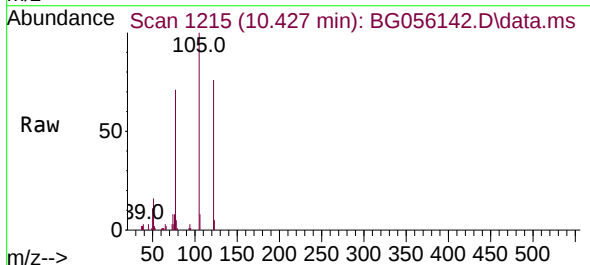
12/29/2022
Supervised By :Yogesh
Patel

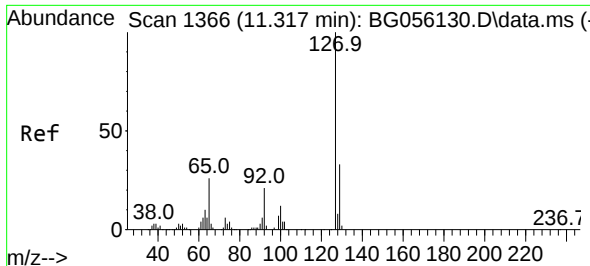
12/29/2022



#32
Benzoic acid
Concen: 48.172 ng m
RT: 10.427 min Scan# 1215
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:122 Resp: 103959
Ion Ratio Lower Upper
122 100
105 131.2 109.0 149.0
77 92.9 63.1 103.1





#33
4-Chloroaniline
Concen: 15.902 ng
RT: 11.315 min Scan# 1366
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	25.9	20.9	31.3
92	20.4	16.7	25.1

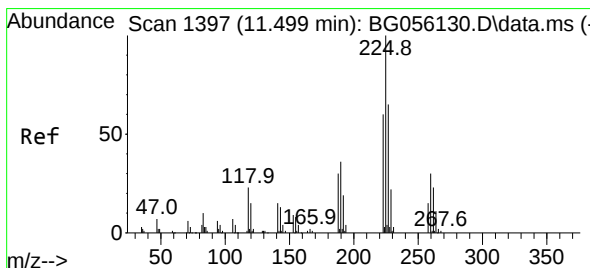
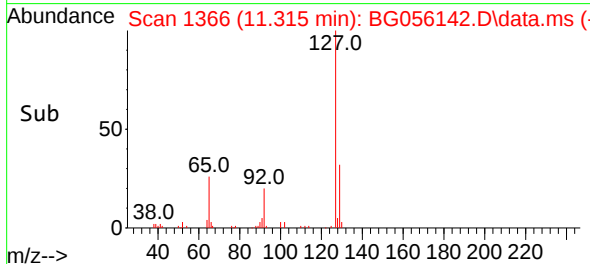
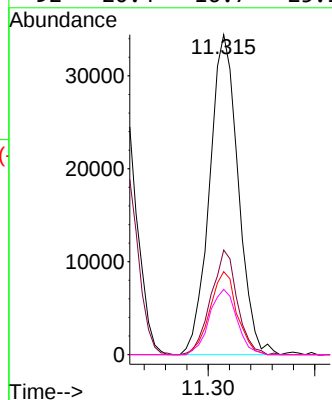
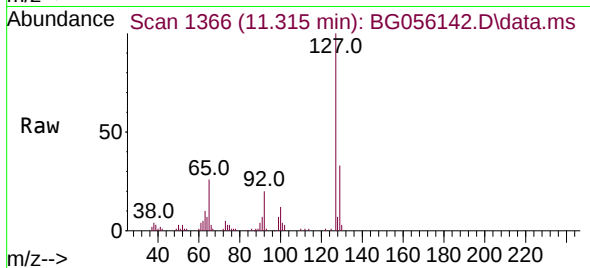
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Reviewed By :Christian
Giraldo

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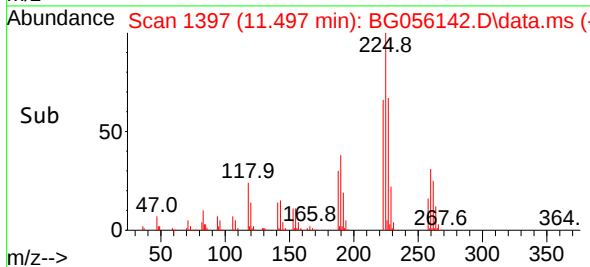
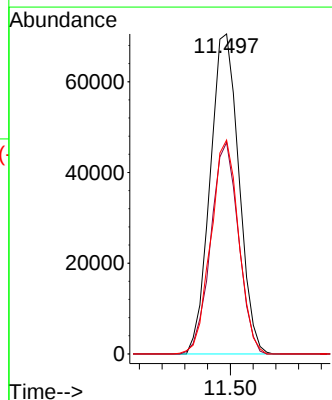
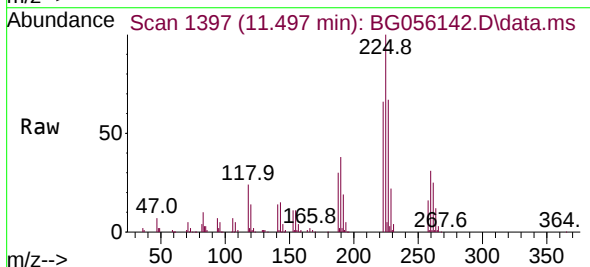
Supervised By :Yogesh
Patel

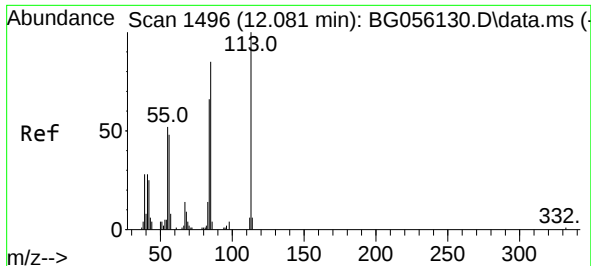
12/29/2022



#34
Hexachlorobutadiene
Concen: 47.076 ng
RT: 11.497 min Scan# 1397
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

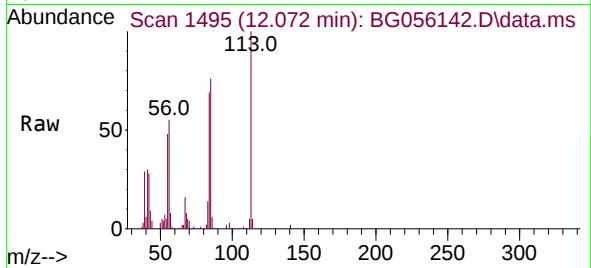
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.7	71.5
227	63.6	52.3	78.5





#35
Caprolactam
Concen: 43.375 ng m
RT: 12.072 min Scan# 1496
Delta R.T. -0.008 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



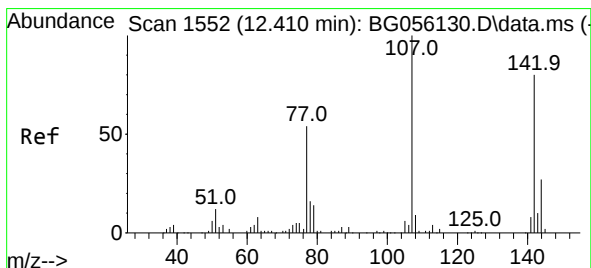
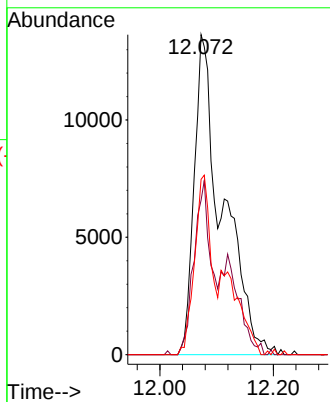
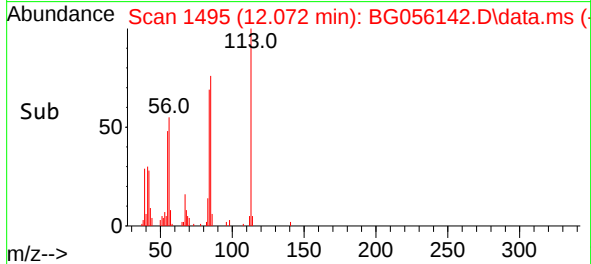
Tgt Ion:113 Resp: 47223
Ion Ratio Lower Upper
113 100
55 48.2 31.9 71.9
56 54.8 27.6 67.6

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Reviewed By :Christian
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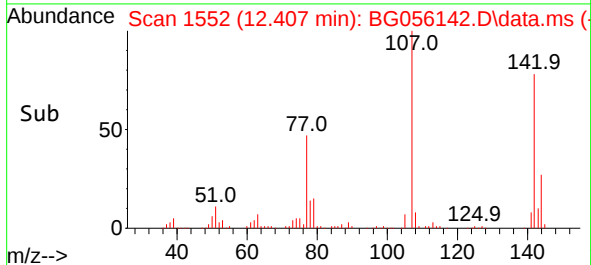
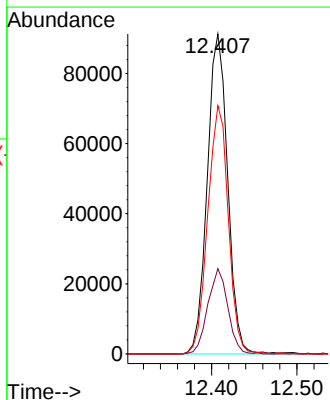
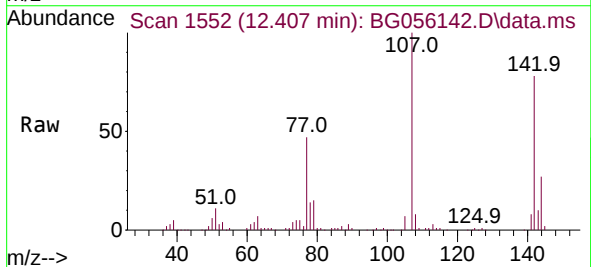
12/29/2022
Supervised By :Yogesh
Patel

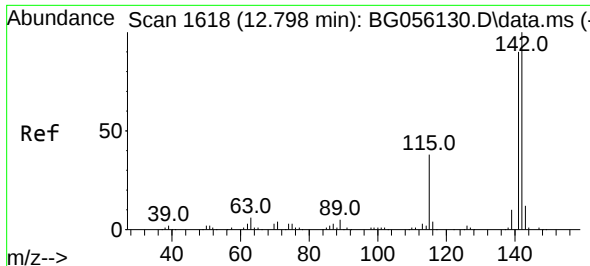
12/29/2022



#36
4-Chloro-3-methylphenol
Concen: 46.402 ng
RT: 12.407 min Scan# 1552
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:107 Resp: 151409
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 77.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 42.127 ng

RT: 12.795 min Scan# 1618

Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD

Tgt Ion:142 Resp: 301162

Ion Ratio Lower Upper

142 100

141 87.9 72.2 108.4

115 37.3 30.7 46.1

Manual Integrations

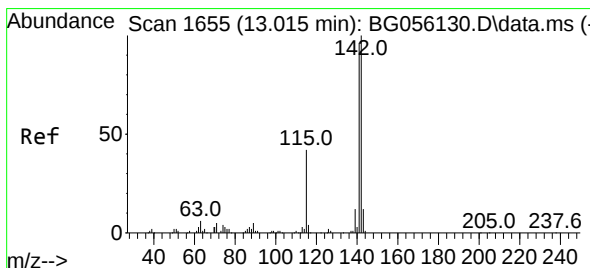
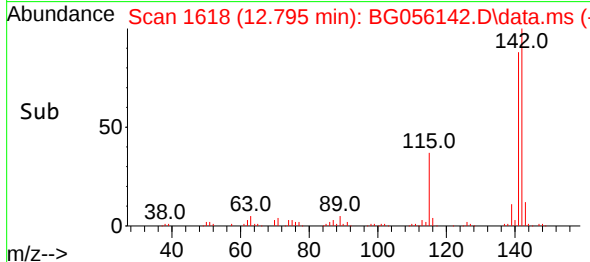
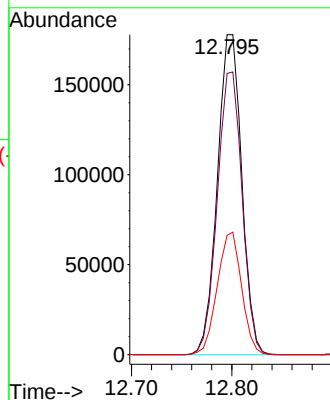
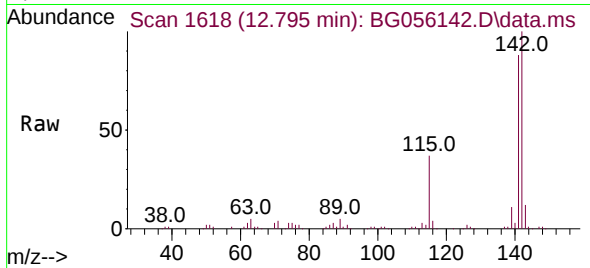
APPROVED

Reviewed By :Christian
Giraldo

12/29/2022

Supervised By :Yogesh
Patel

12/29/2022



#38

1-Methylnaphthalene

Concen: 41.872 ng

RT: 13.013 min Scan# 1655

Delta R.T. -0.002 min

Lab File: BG056142.D

Acq: 28 Dec 2022 16:25

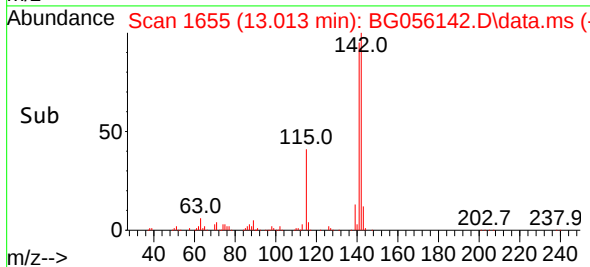
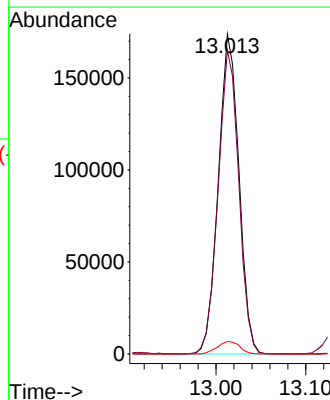
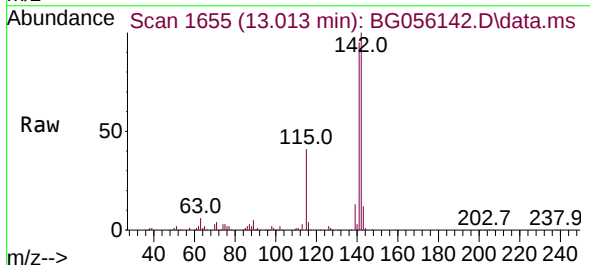
Tgt Ion:142 Resp: 277971

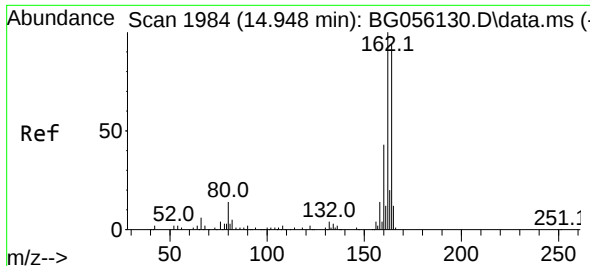
Ion Ratio Lower Upper

142 100

141 95.0 77.0 115.6

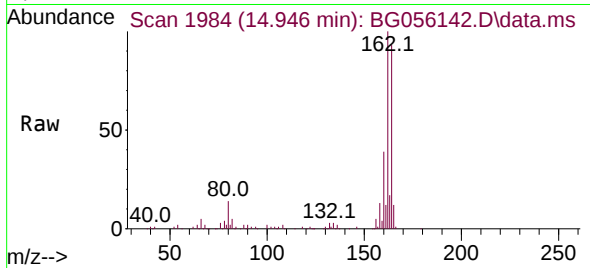
116 3.9 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.946 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



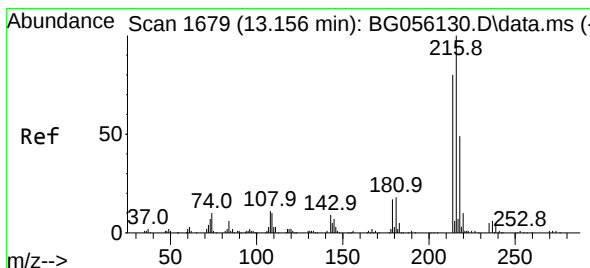
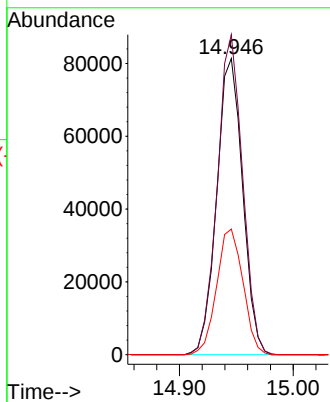
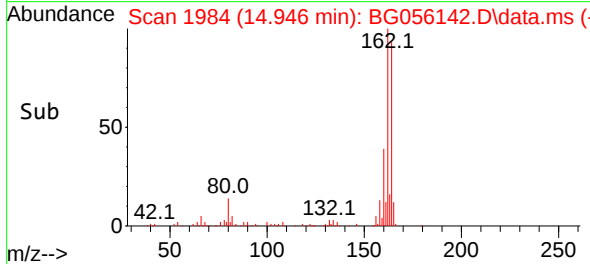
Tgt Ion:164 Resp: 128742
Ion Ratio Lower Upper
164 100
162 108.1 84.7 127.1
160 42.4 36.3 54.5

Manual Integrations
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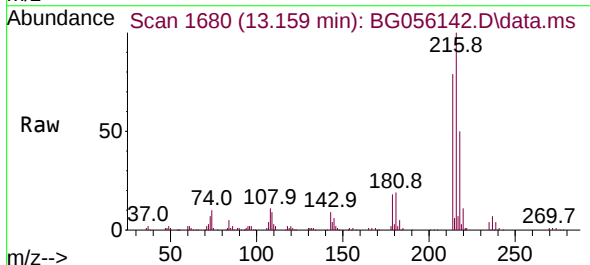
Reviewed By :Christian
Giraldo

12/29/2022
Supervised By :Yogesh
Patel

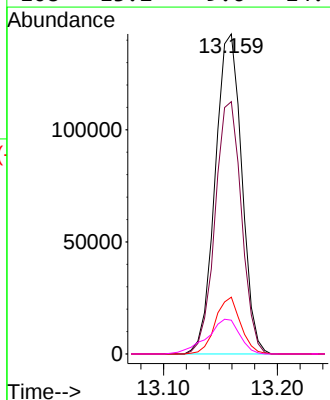
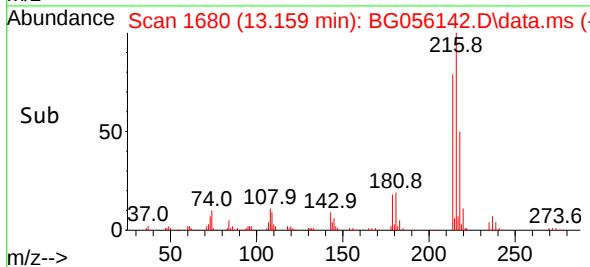
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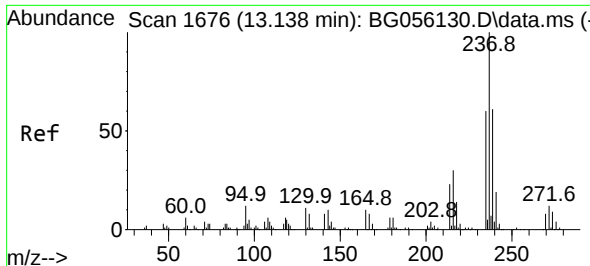


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.101 ng
RT: 13.159 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



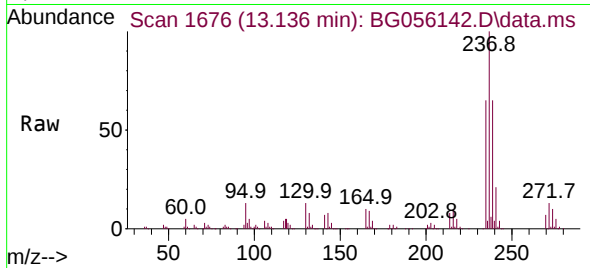
Tgt Ion:216 Resp: 232097
Ion Ratio Lower Upper
216 100
214 78.1 63.4 95.0
179 16.7 13.6 20.4
108 13.2 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 107.387 ng
RT: 13.136 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



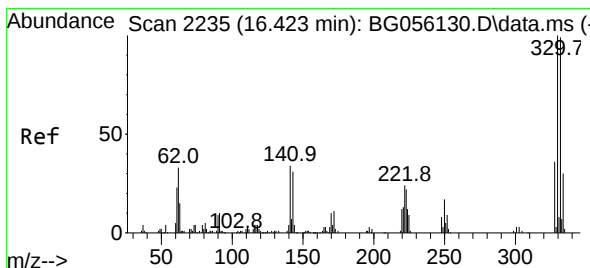
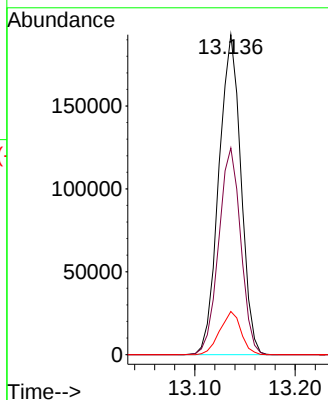
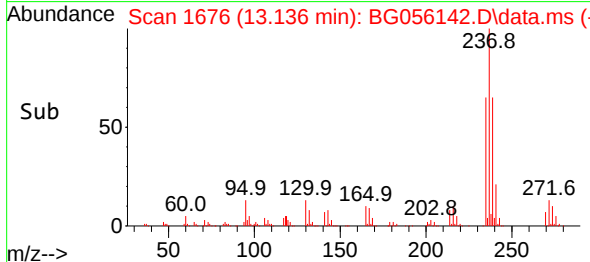
Tgt Ion:237 Resp: 295418
Ion Ratio Lower Upper
237 100
235 64.6 40.3 80.3
272 13.5 0.0 32.5

Manual Integrations
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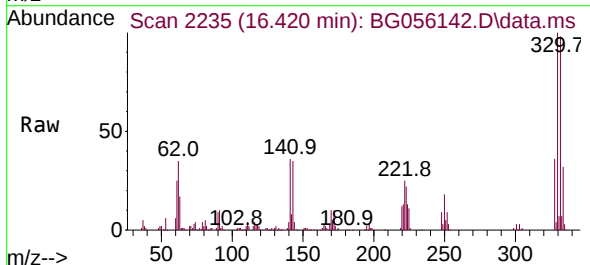
Reviewed By :Christian
Giraldo

12/29/2022
Supervised By :Yogesh
Patel

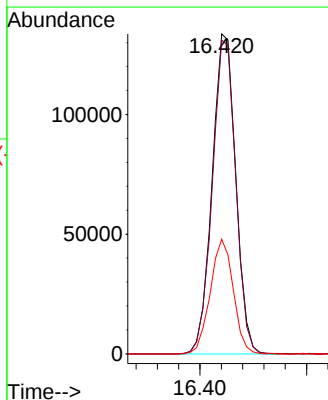
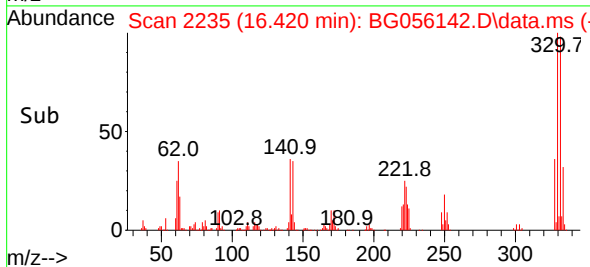
12/29/2022

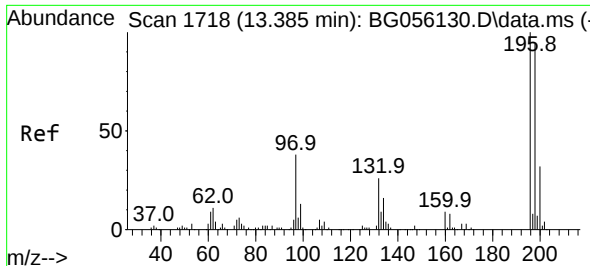


#42
2,4,6-Tribromophenol
Concen: 126.072 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



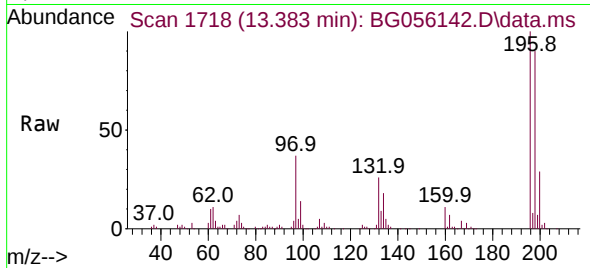
Tgt Ion:330 Resp: 205560
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 35.0 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 50.126 ng
RT: 13.383 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



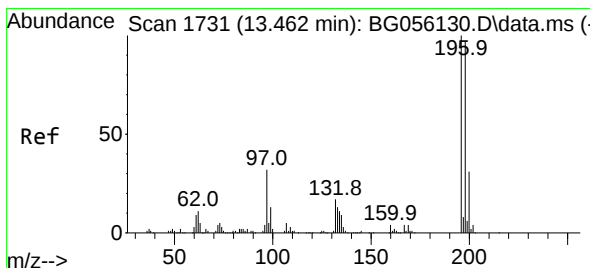
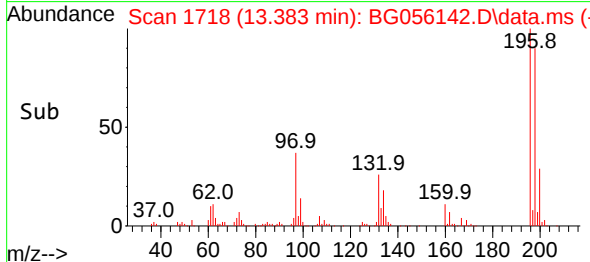
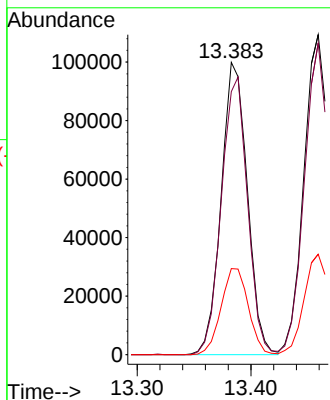
Tgt Ion:196 Resp: 159936
Ion Ratio Lower Upper
196 100
198 90.0 75.5 113.3
200 29.4 25.7 38.5

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Reviewed By :Christian
Giraldo

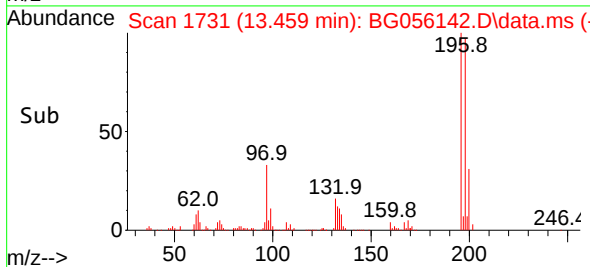
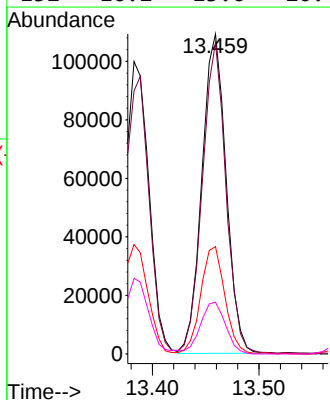
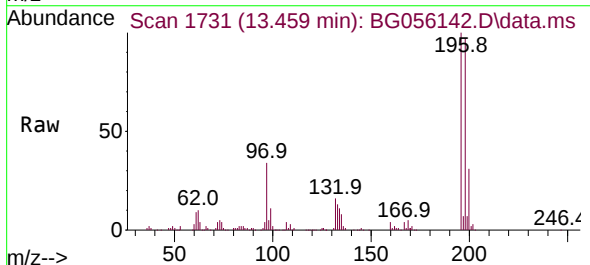
12/29/2022
Supervised By :Yogesh
Patel

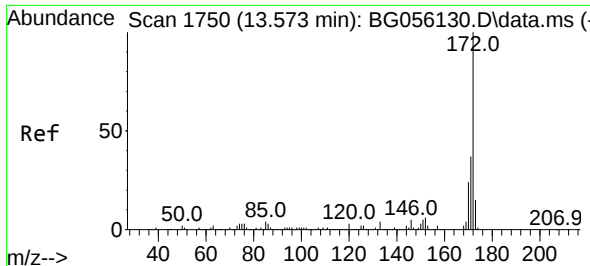
12/29/2022



#44
2,4,5-Trichlorophenol
Concen: 45.597 ng
RT: 13.459 min Scan# 1731
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

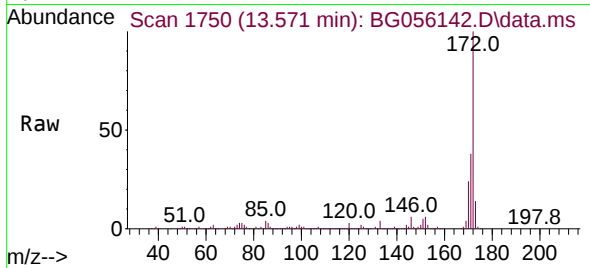
Tgt Ion:196 Resp: 172096
Ion Ratio Lower Upper
196 100
198 97.3 78.0 117.0
97 33.5 25.7 38.5
132 16.2 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 75.638 ng
RT: 13.571 min Scan# 1750
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



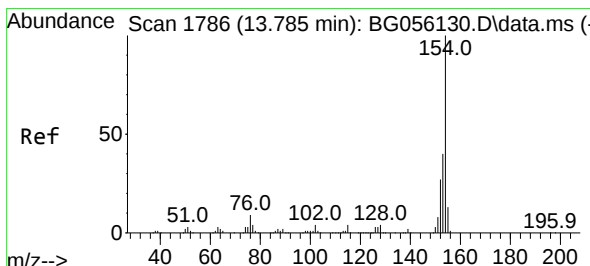
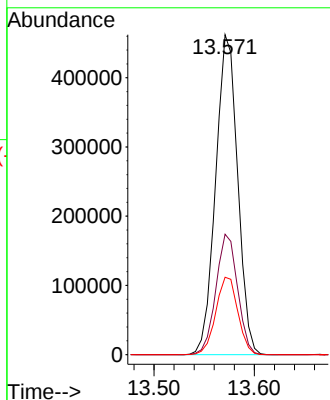
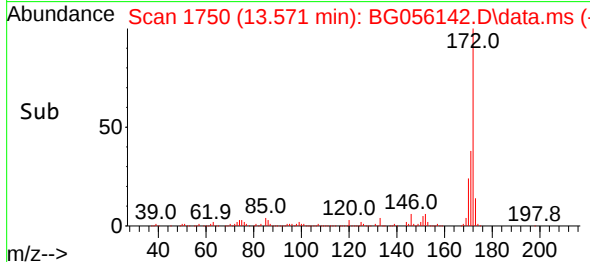
Tgt Ion:172 Resp: 705174
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.2 19.4 29.2

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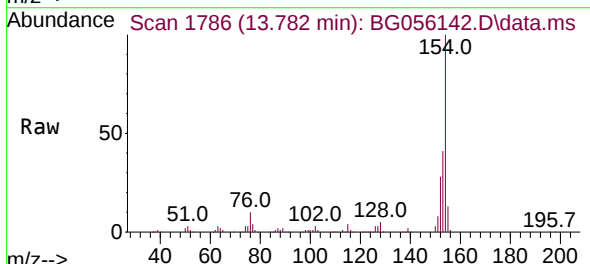
Reviewed By :Christian
Giraldo

12/29/2022
Supervised By :Yogesh
Patel

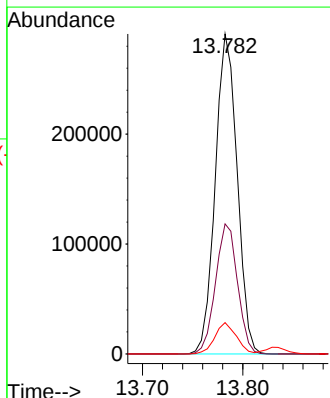
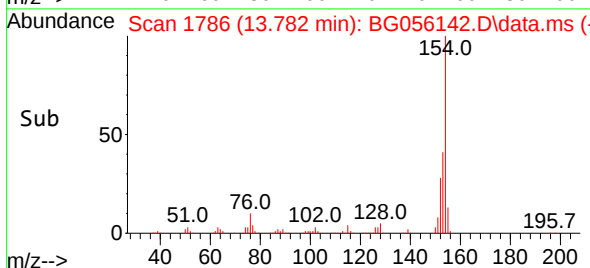
12/29/2022

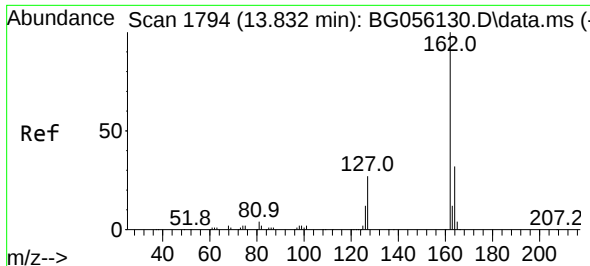


#46
1,1'-Biphenyl
Concen: 47.865 ng
RT: 13.782 min Scan# 1786
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



Tgt Ion:154 Resp: 441320
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 9.8 0.0 29.3





#47
2-Chloronaphthalene
Concen: 48.238 ng
RT: 13.835 min Scan# 1794
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD

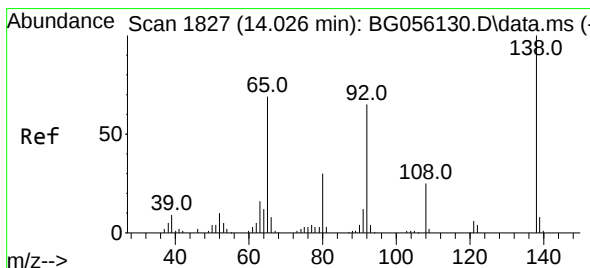
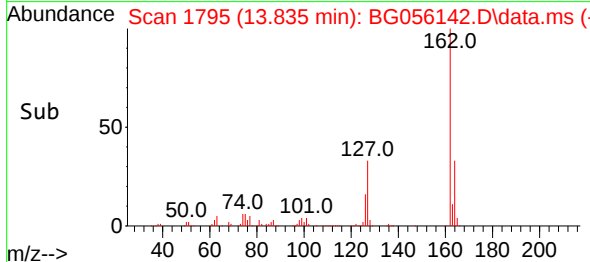
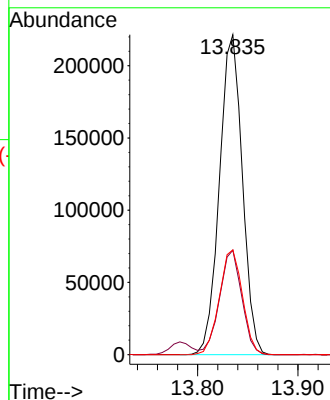
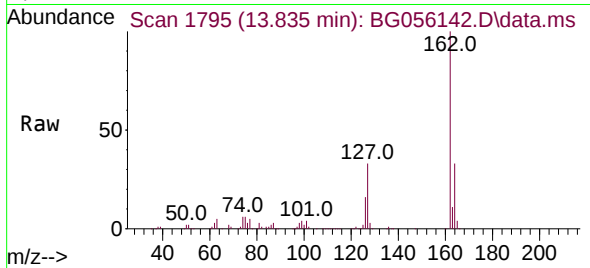
Tgt Ion:162 Resp: 351052
Ion Ratio Lower Upper
162 100
127 32.6 24.6 36.8
164 32.7 25.8 38.8

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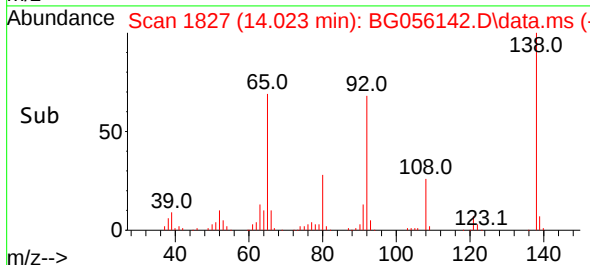
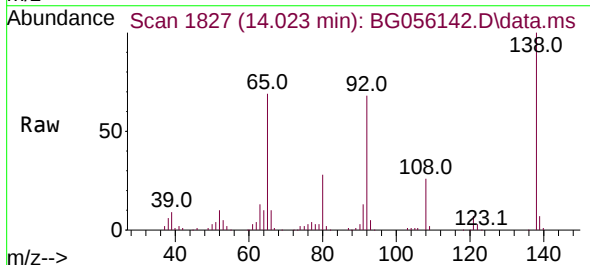
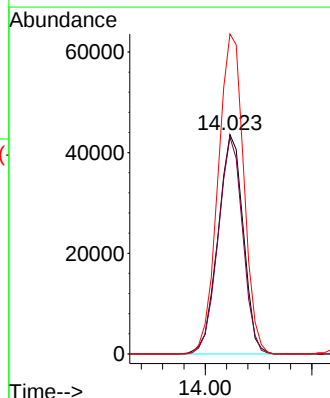
12/29/2022
Supervised By :Yogesh
Patel

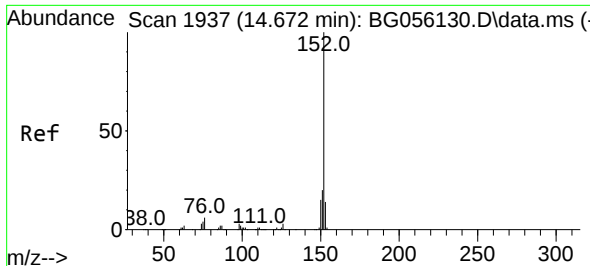
12/29/2022



#48
2-Nitroaniline
Concen: 46.354 ng
RT: 14.023 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

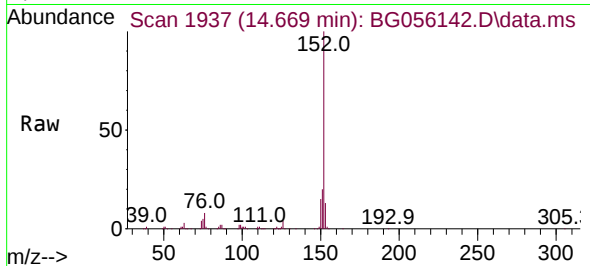
Tgt Ion: 65 Resp: 71876
Ion Ratio Lower Upper
65 100
92 98.9 76.0 114.0
138 146.0 116.6 174.8





#49
Acenaphthylene
Concen: 46.273 ng
RT: 14.669 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



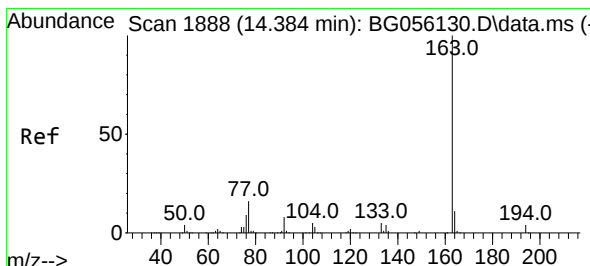
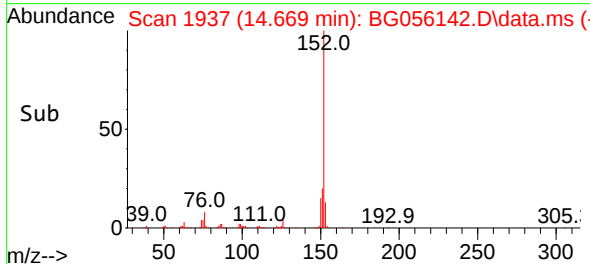
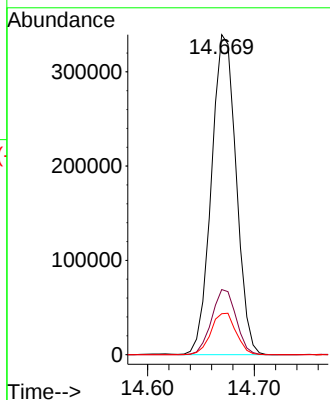
Tgt Ion:152 Resp: 548006
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 12.8 11.0 16.6

Manual Integrations
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Reviewed By :Christian
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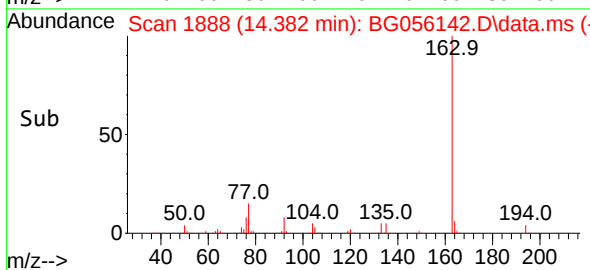
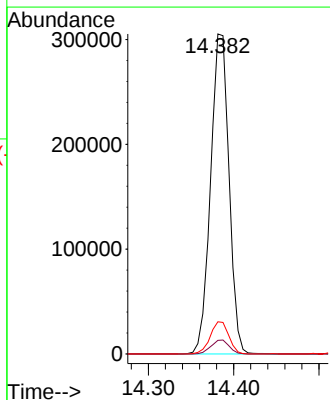
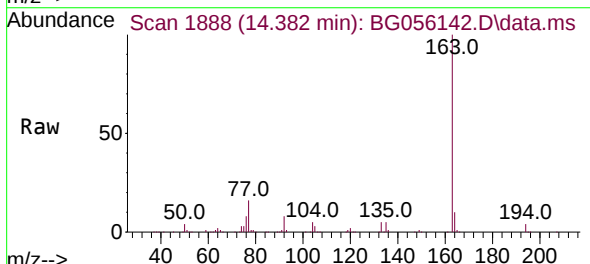
12/29/2022
Supervised By :Yogesh
Patel

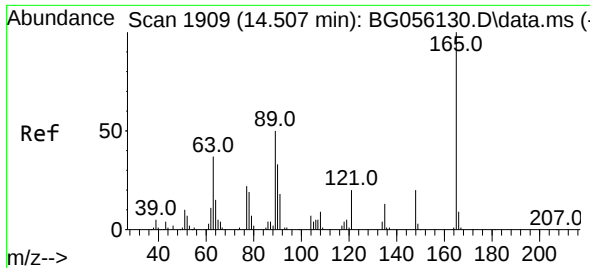
12/29/2022



#50
Dimethylphthalate
Concen: 43.982 ng
RT: 14.382 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:163 Resp: 457096
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 45.755 ng
RT: 14.505 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD

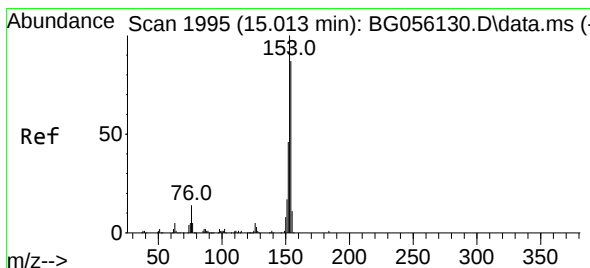
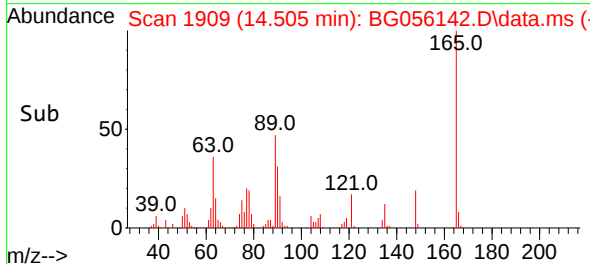
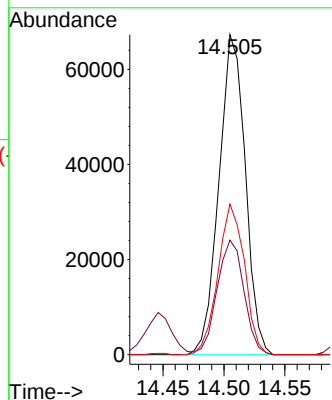
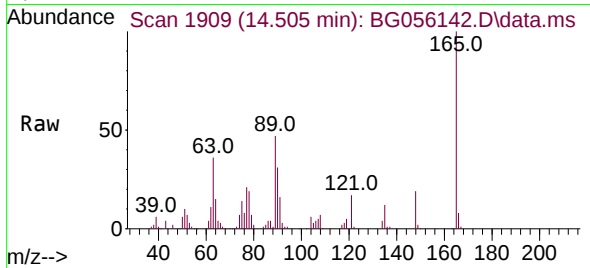
Tgt Ion:165 Resp: 101326
Ion Ratio Lower Upper
165 100
63 35.8 32.2 48.2
89 47.0 39.8 59.8

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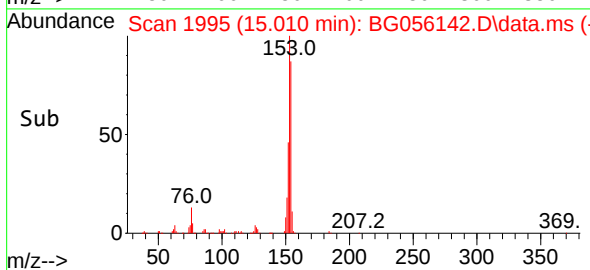
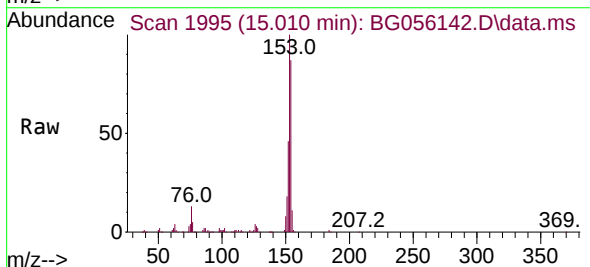
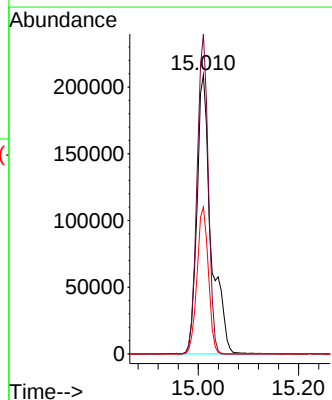
12/29/2022
Supervised By :Yogesh
Patel

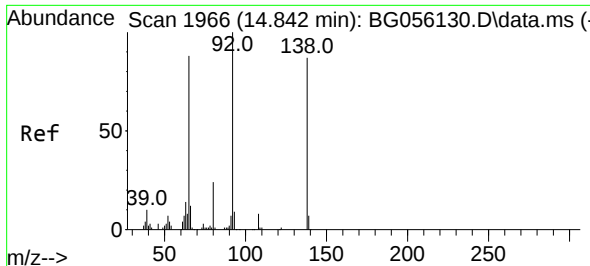
12/29/2022



#52
Acenaphthene
Concen: 53.030 ng
RT: 15.010 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

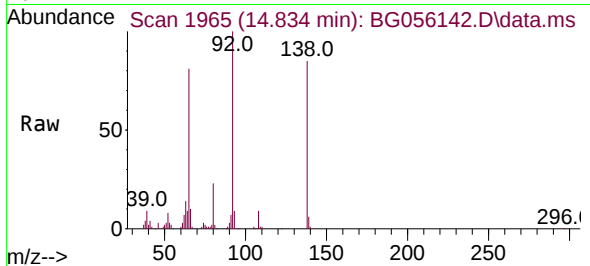
Tgt Ion:154 Resp: 408469
Ion Ratio Lower Upper
154 100
153 114.7 92.0 138.0
152 52.7 42.5 63.7





#53
3-Nitroaniline
Concen: 23.299 ng
RT: 14.834 min Scan# 1966
Delta R.T. -0.008 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



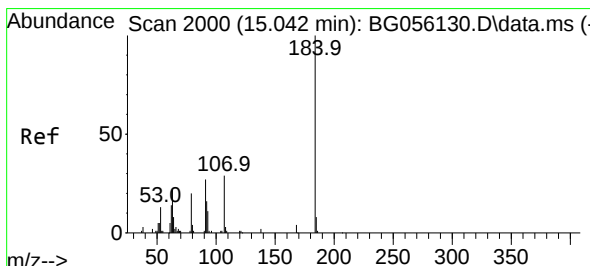
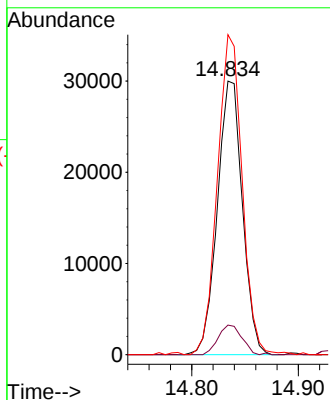
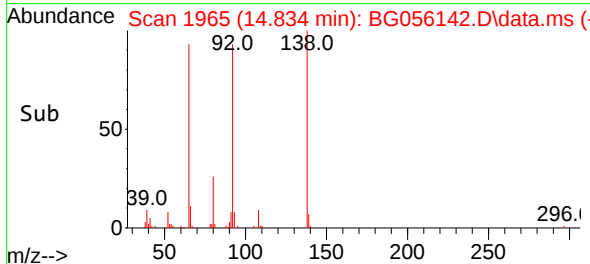
Tgt Ion:138 Resp: 49104
Ion Ratio Lower Upper
138 100
108 10.8 7.6 11.4
92 117.0 91.7 137.5

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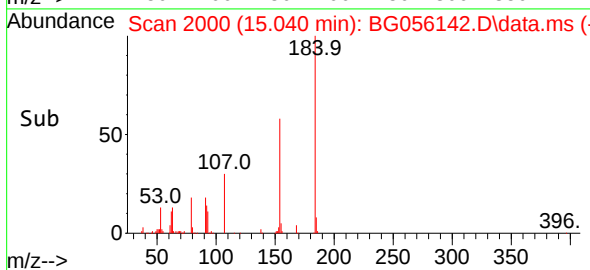
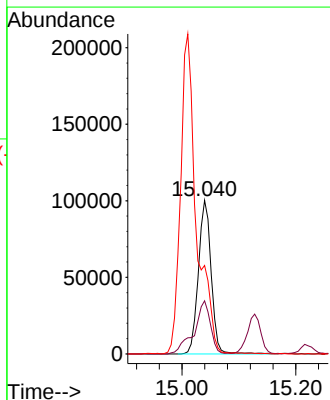
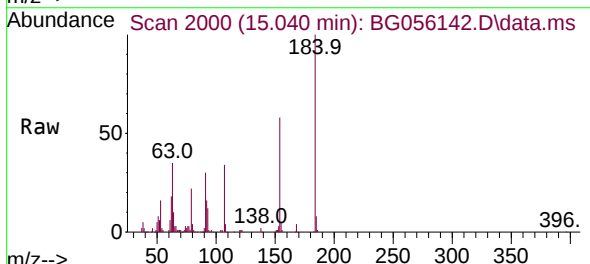
12/29/2022
Supervised By :Yogesh
Patel

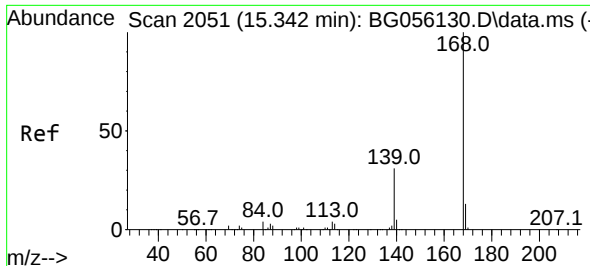
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#54
2,4-Dinitrophenol
Concen: 98.745 ng
RT: 15.040 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

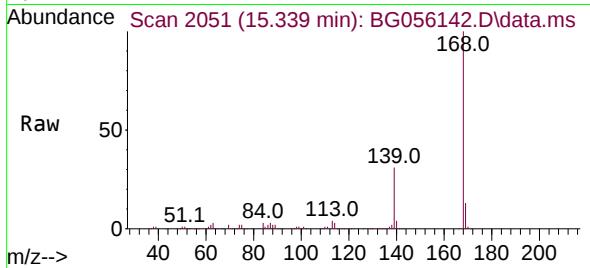
Tgt Ion:184 Resp: 156218
Ion Ratio Lower Upper
184 100
63 34.6 24.0 36.0
154 57.6 45.4 68.0





#55
Dibenzenofuran
Concen: 45.516 ng
RT: 15.339 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



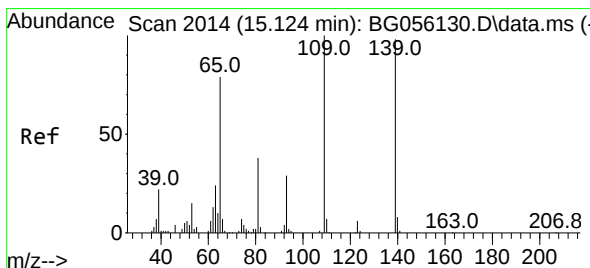
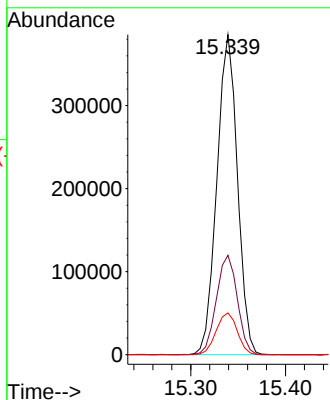
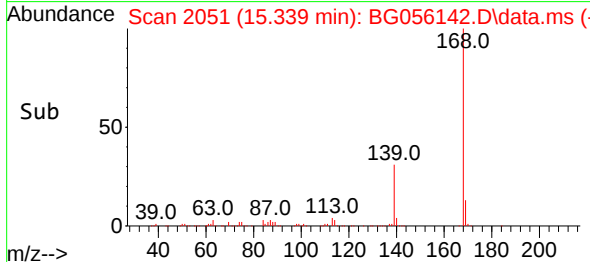
Tgt Ion:168 Resp: 58015
Ion Ratio Lower Upper
168 100
139 31.0 24.7 37.1
169 13.0 10.3 15.5

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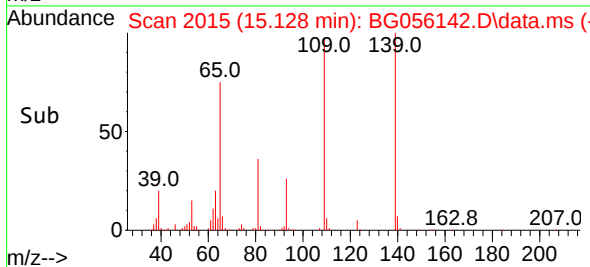
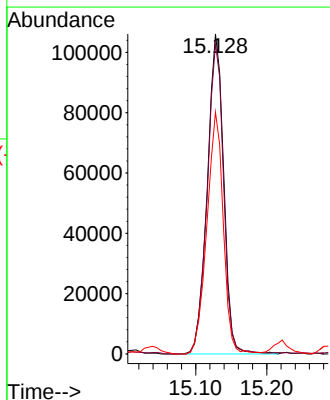
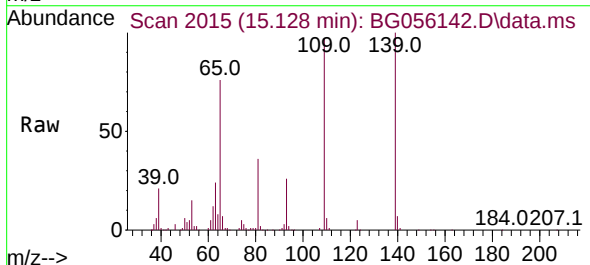
12/29/2022
Supervised By :Yogesh
Patel

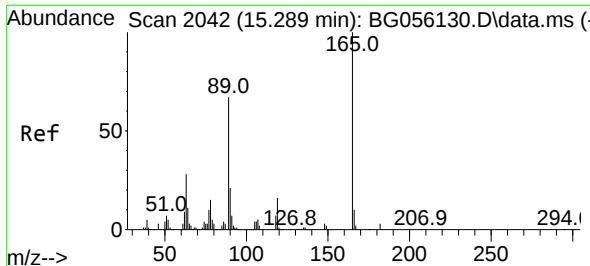
12/29/2022



#56
4-Nitrophenol
Concen: 105.137 ng
RT: 15.128 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:139 Resp: 170418
Ion Ratio Lower Upper
139 100
109 96.9 82.2 122.2
65 75.5 60.6 100.6





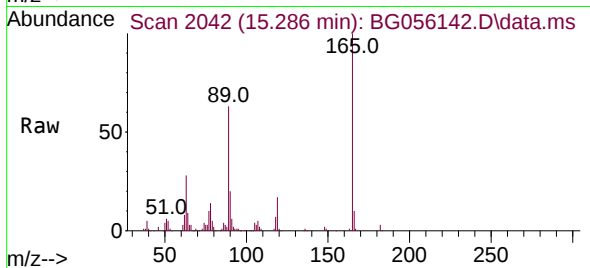
#57
2,4-Dinitrotoluene
Concen: 46.767 ng
RT: 15.286 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD



Tgt Ion:165 Resp: 144839
Ion Ratio Lower Upper
165 100
63 27.6 22.6 34.0
89 63.3 53.2 79.8
182 3.1 2.3 3.5

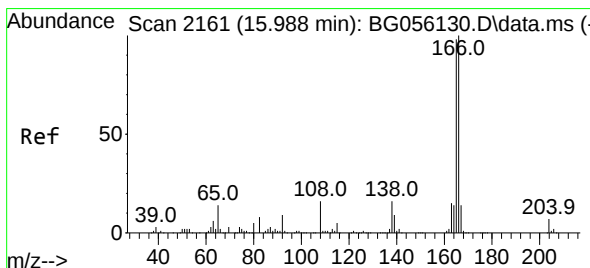
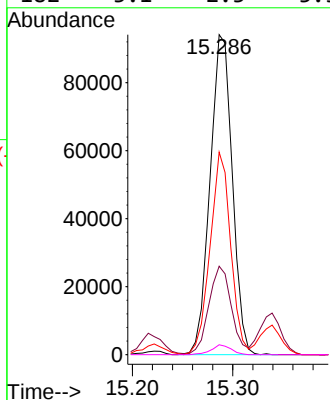
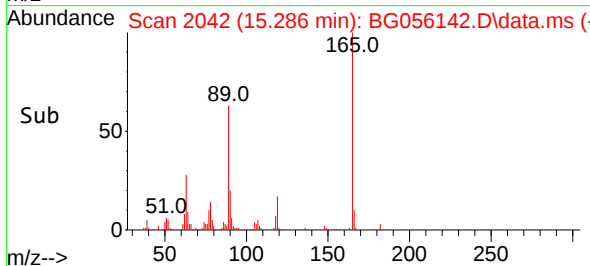
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Reviewed By :Christian
Giraldo

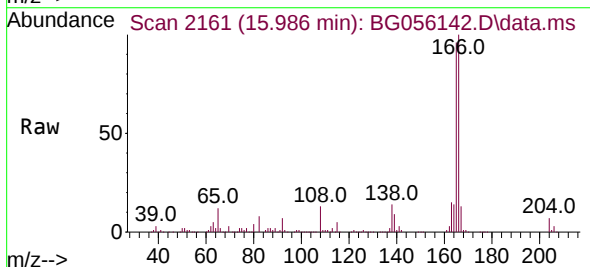
12/29/2022

Supervised By :Yogesh
Patel

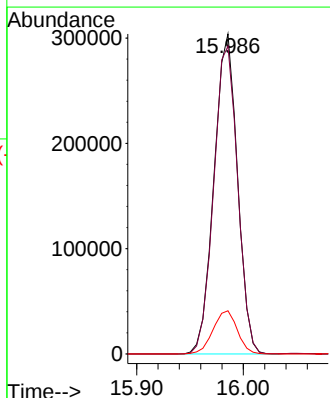
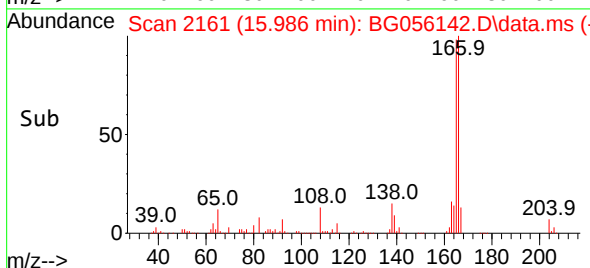
12/29/2022

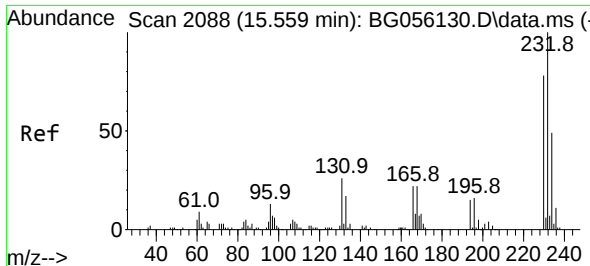


#58
Fluorene
Concen: 45.256 ng
RT: 15.986 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



Tgt Ion:166 Resp: 463961
Ion Ratio Lower Upper
166 100
165 96.2 78.6 118.0
167 13.5 11.1 16.7





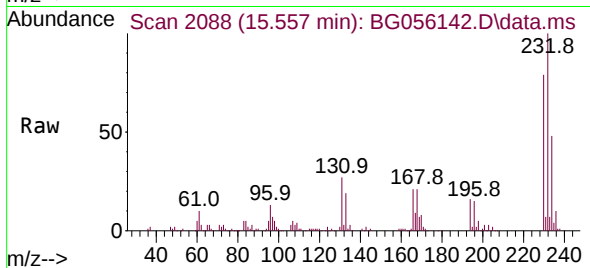
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.710 ng
RT: 15.557 min Scan# 2088
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

TP-CRMSD



Tgt Ion:232 Resp: 172620
Ion Ratio Lower Upper
232 100
131 27.5 21.4 32.2
130 1.4 1.4 2.0
166 21.7 15.4 23.0

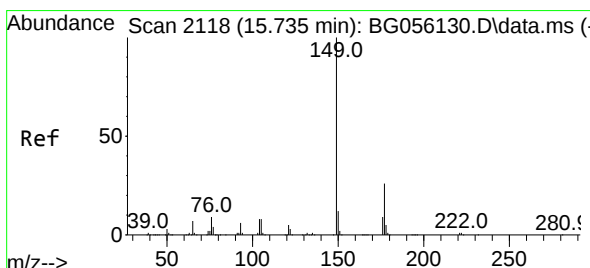
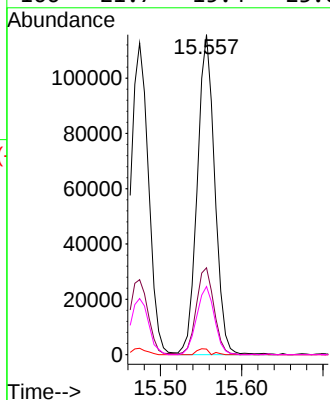
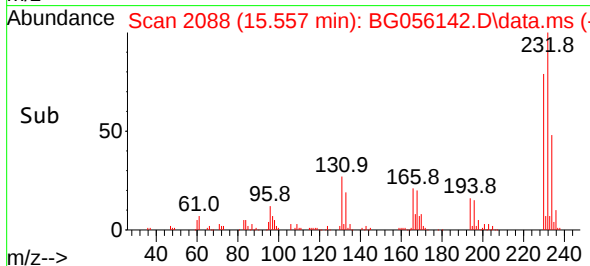
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

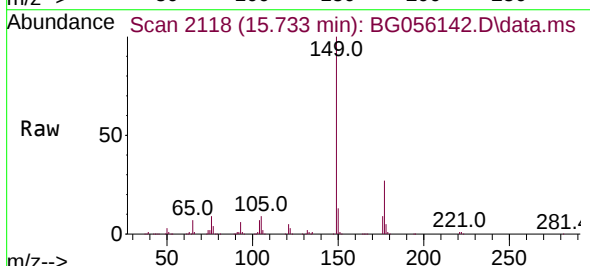
12/29/2022

Supervised By :Yogesh
Patel

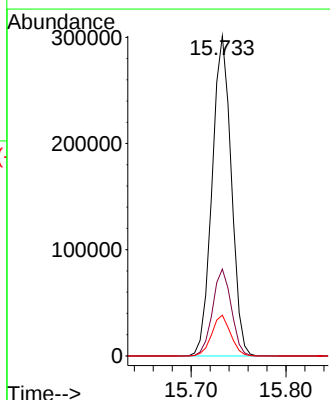
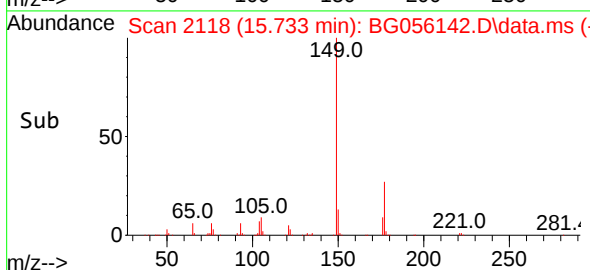
12/29/2022

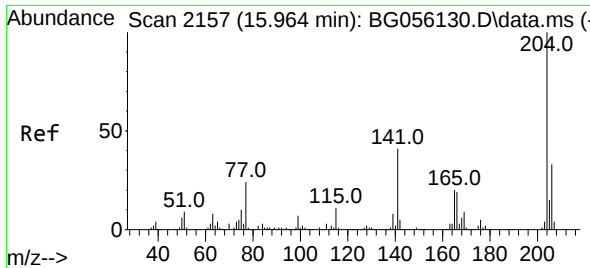


#60
Diethylphthalate
Concen: 43.359 ng
RT: 15.733 min Scan# 2118
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



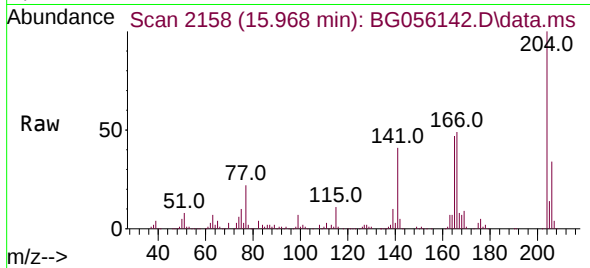
Tgt Ion:149 Resp: 422600
Ion Ratio Lower Upper
149 100
177 27.1 20.6 31.0
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.462 ng
RT: 15.968 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



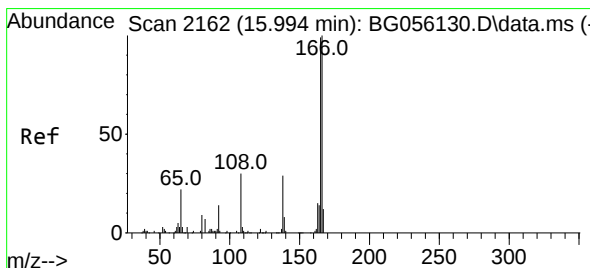
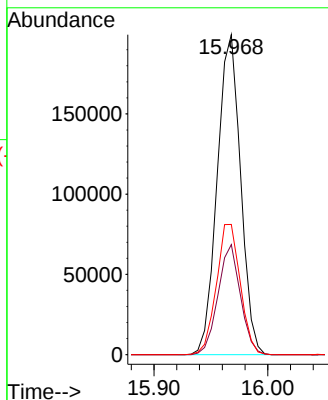
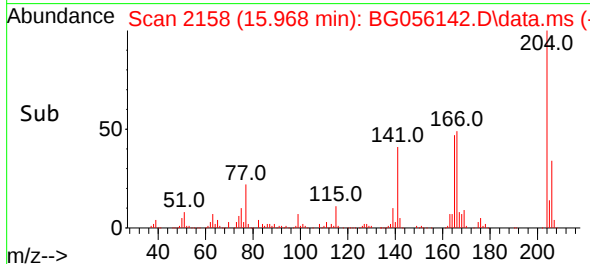
Tgt Ion:204 Resp: 284462
Ion Ratio Lower Upper
204 100
206 34.4 26.4 39.6
141 40.7 33.0 49.4

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Reviewed By :Christian
Giraldo

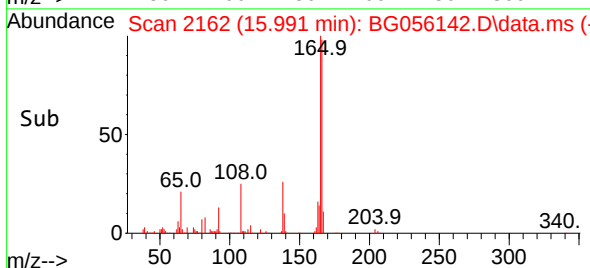
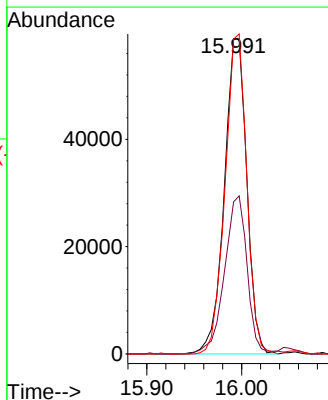
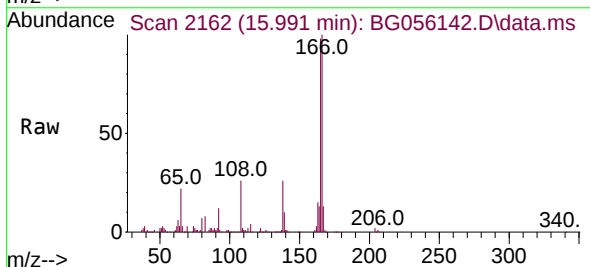
12/29/2022
Supervised By :Yogesh
Patel

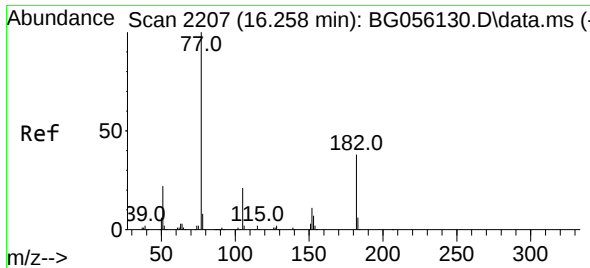
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#62
4-Nitroaniline
Concen: 44.853 ng
RT: 15.991 min Scan# 2162
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

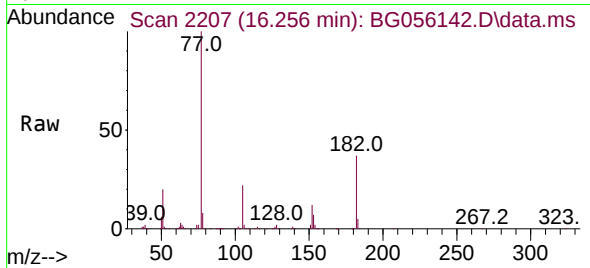
Tgt Ion:138 Resp: 96832
Ion Ratio Lower Upper
138 100
92 48.2 28.6 68.6
108 99.9 83.4 123.4





#63
 Azobenzene
 Concen: 44.325 ng
 RT: 16.256 min Scan# 2207
 Delta R.T. -0.002 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-CRMSD



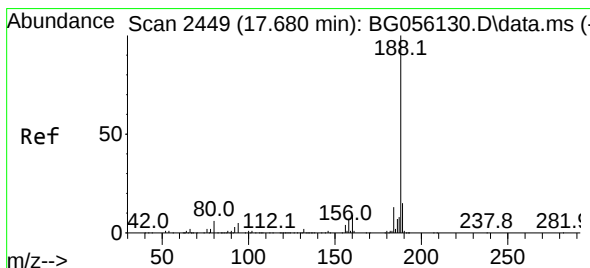
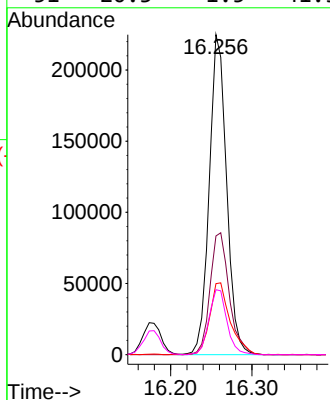
Tgt Ion: 77 Resp: 333378
 Ion Ratio Lower Upper
 77 100
 182 37.1 18.5 58.5
 105 22.2 1.4 41.4
 51 20.3 1.5 41.5

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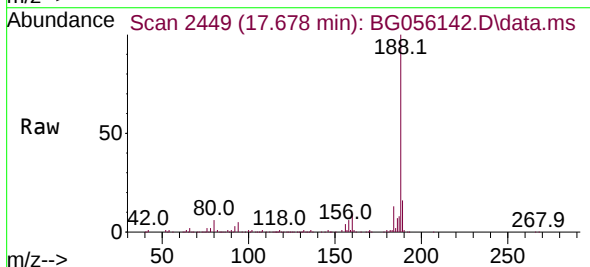
Reviewed By :Christian
 Giraldo

12/29/2022
 Supervised By :Yogesh
 Patel

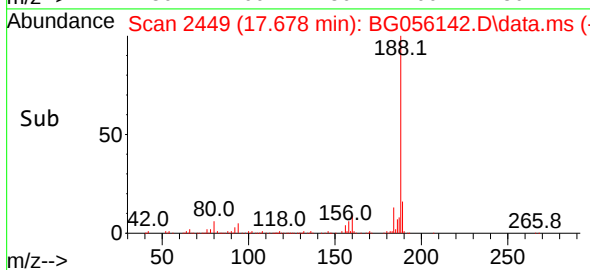
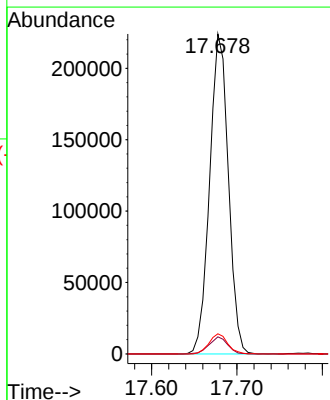
12/29/2022

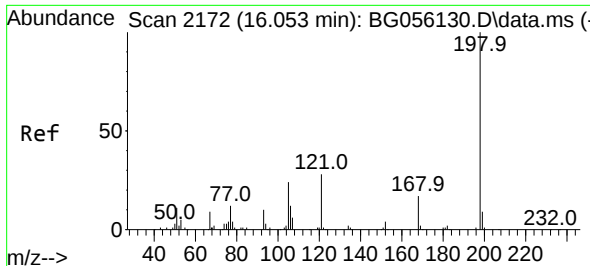


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.678 min Scan# 2449
 Delta R.T. -0.002 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25



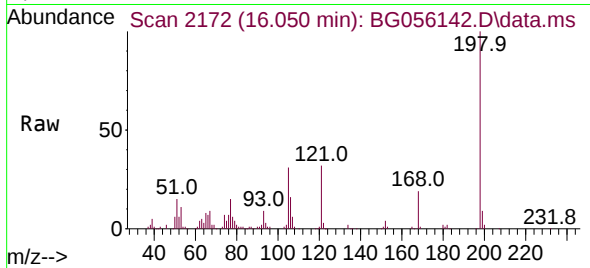
Tgt Ion:188 Resp: 341237
 Ion Ratio Lower Upper
 188 100
 94 5.3 4.2 6.2
 80 6.3 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.327 ng
RT: 16.050 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



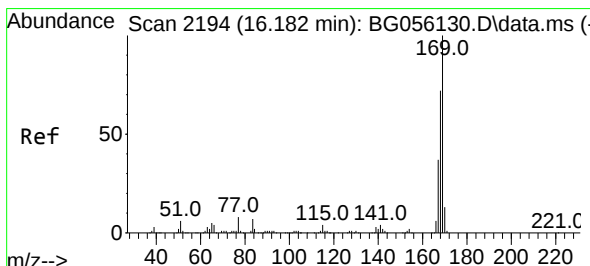
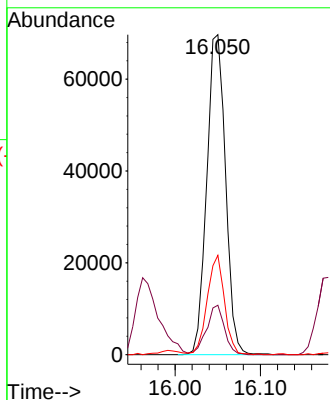
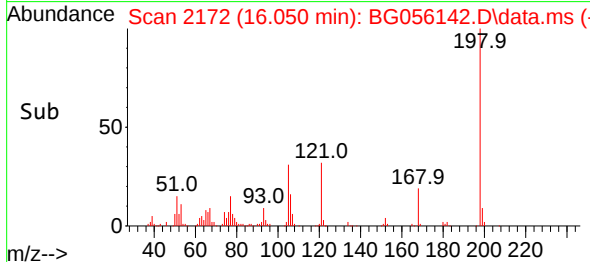
Tgt Ion:198 Resp: 106509
Ion Ratio Lower Upper
198 100
51 15.4 0.0 33.2
105 31.0 4.9 44.9

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Reviewed By :Christian
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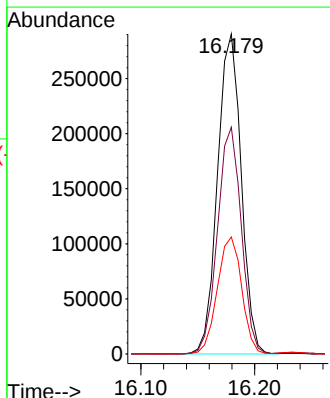
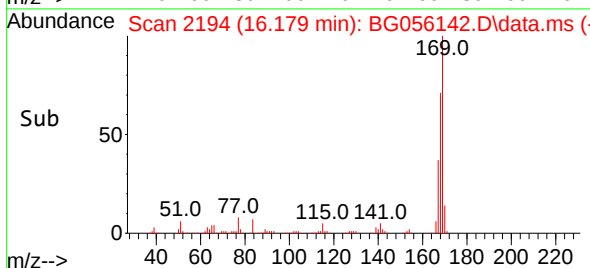
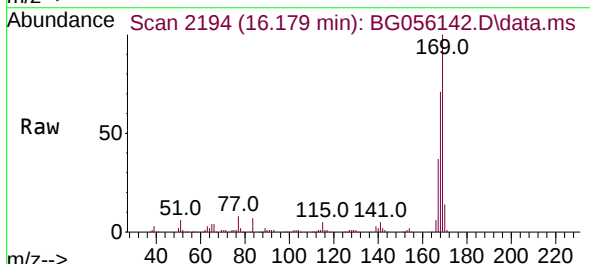
12/29/2022
Supervised By :Yogesh
Patel

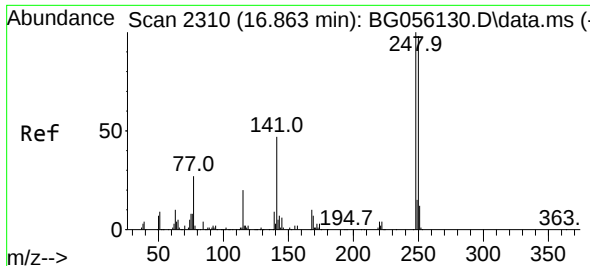
12/29/2022



#66
n-Nitrosodiphenylamine
Concen: 44.418 ng
RT: 16.179 min Scan# 2194
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

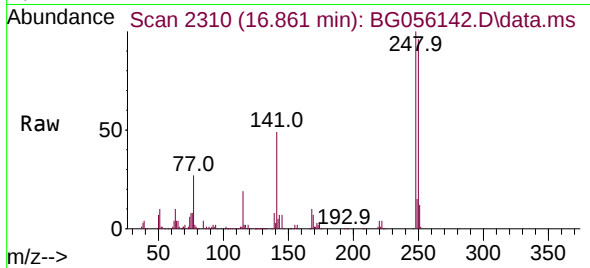
Tgt Ion:169 Resp: 420537
Ion Ratio Lower Upper
169 100
168 70.8 58.0 87.0
167 36.6 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.726 ng
RT: 16.861 min Scan# 2310
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



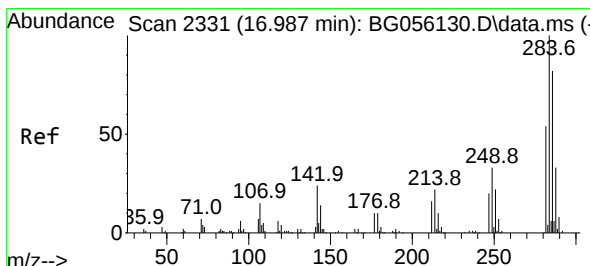
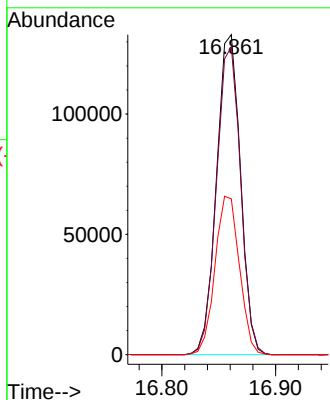
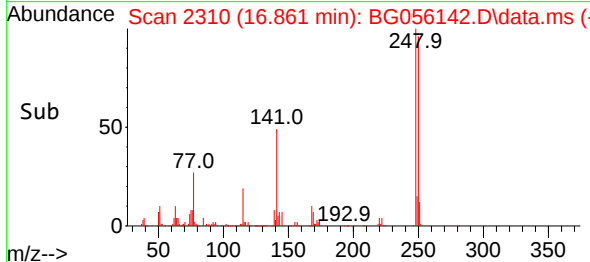
Tgt Ion:248 Resp: 194348
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.4
141 48.7 37.6 56.4

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Reviewed By :Christian
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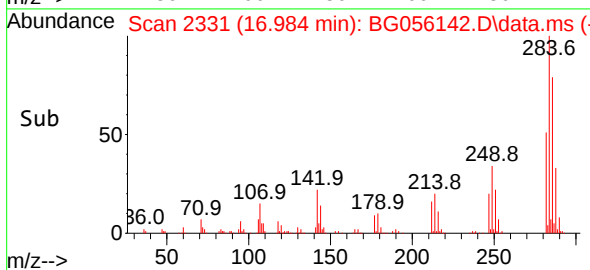
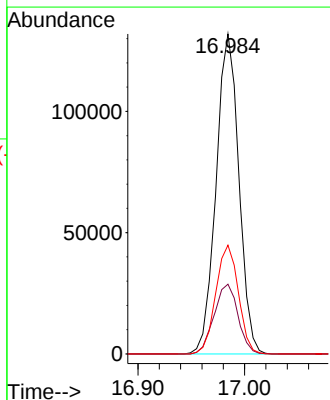
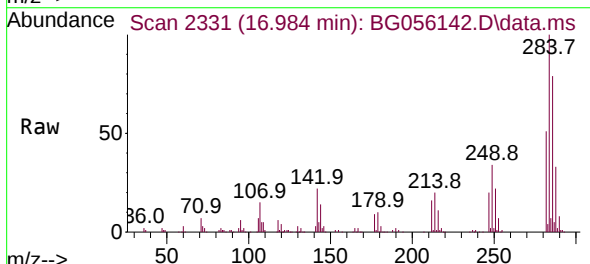
12/29/2022
Supervised By :Yogesh
Patel

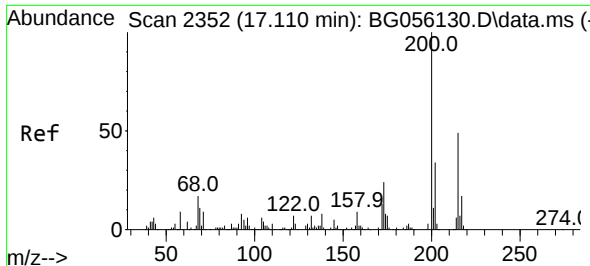
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#68
Hexachlorobenzene
Concen: 48.341 ng
RT: 16.984 min Scan# 2331
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

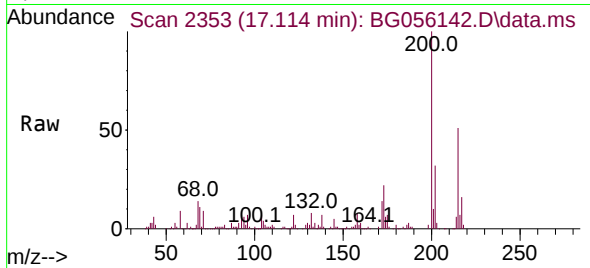
Tgt Ion:284 Resp: 195977
Ion Ratio Lower Upper
284 100
142 21.8 19.0 28.6
249 34.0 26.6 39.8





#69
 Atrazine
 Concen: 49.227 ng
 RT: 17.114 min Scan# 2352
 Delta R.T. 0.003 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-CRMSD



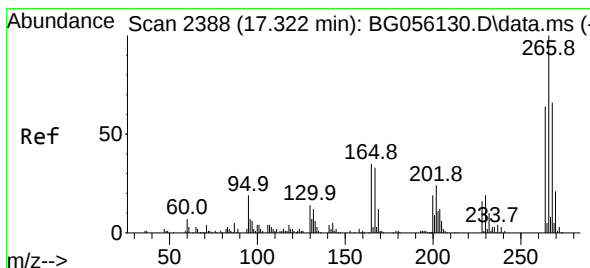
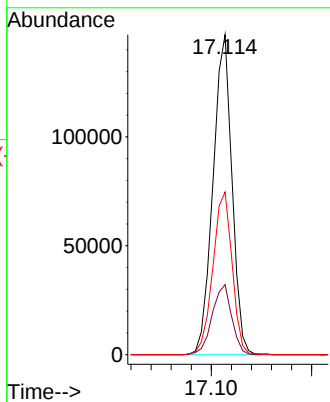
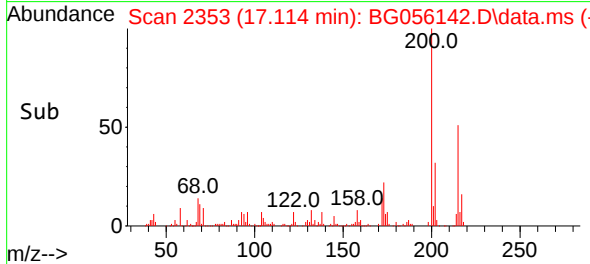
Tgt Ion:200 Resp: 193152
 Ion Ratio Lower Upper
 200 100
 173 21.9 4.0 44.0
 215 50.8 29.1 69.1

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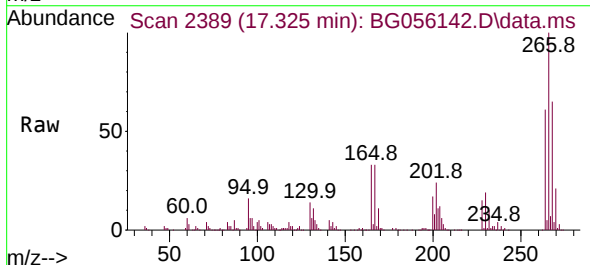
Reviewed By :Christian
 Giraldo

12/29/2022
 Supervised By :Yogesh
 Patel

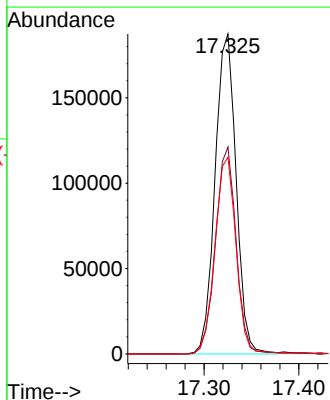
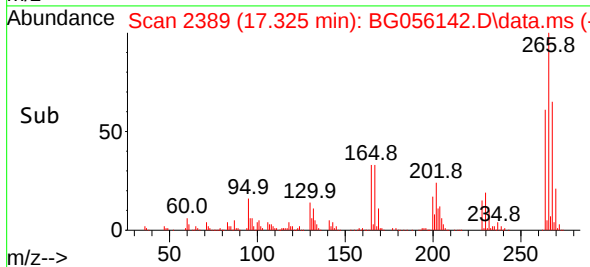
12/29/2022

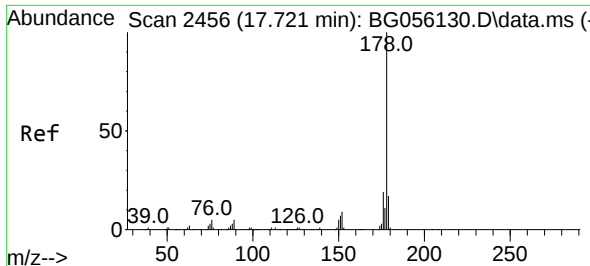


#70
 Pentachlorophenol
 Concen: 92.588 ng
 RT: 17.325 min Scan# 2389
 Delta R.T. 0.003 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25



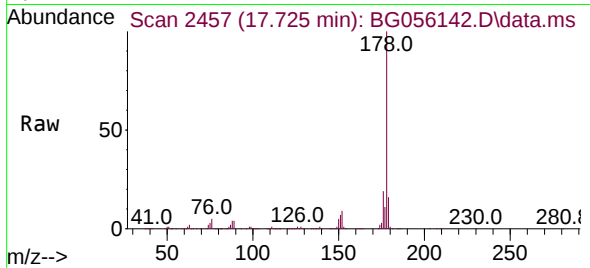
Tgt Ion:266 Resp: 288340
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.0 79.4
 264 61.4 51.4 77.2





#71
Phenanthrene
Concen: 47.188 ng
RT: 17.725 min Scan# 2456
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



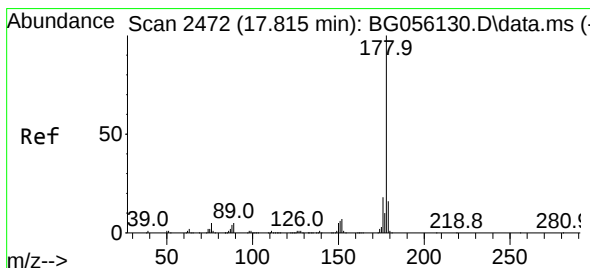
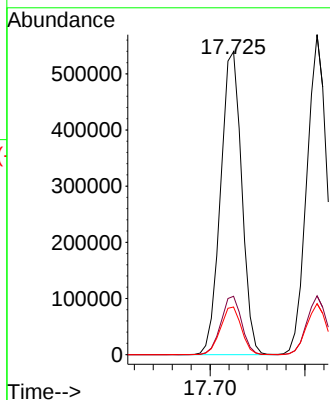
Tgt Ion:178 Resp: 834462
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 13.6 20.4

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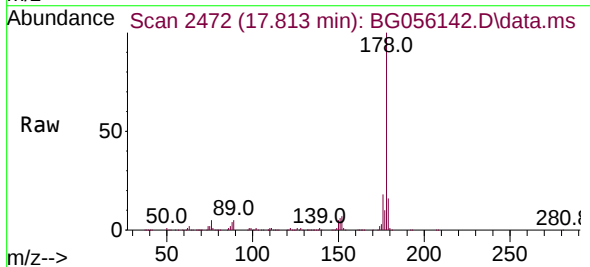
Reviewed By :Christian
Giraldo

12/29/2022
Supervised By :Yogesh
Patel

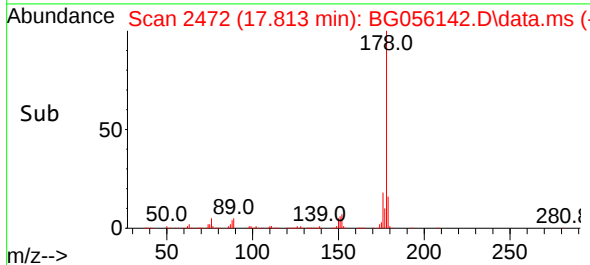
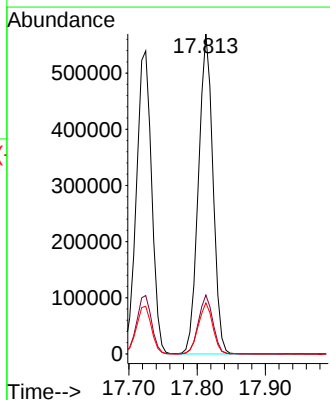
12/29/2022

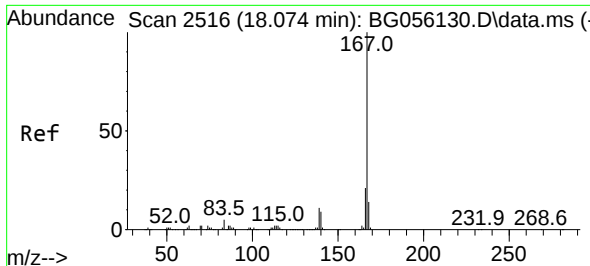


#72
Anthracene
Concen: 46.042 ng
RT: 17.813 min Scan# 2472
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



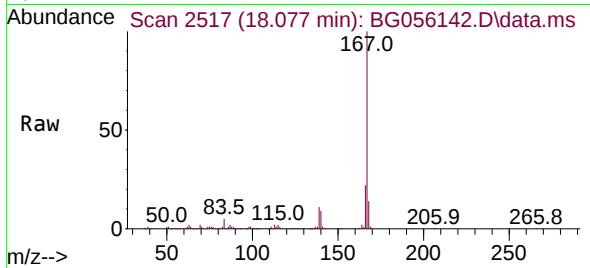
Tgt Ion:178 Resp: 839904
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.9 12.7 19.1





#73
Carbazole
Concen: 49.307 ng
RT: 18.077 min Scan# 2516
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



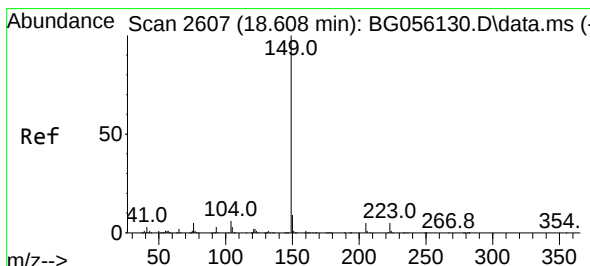
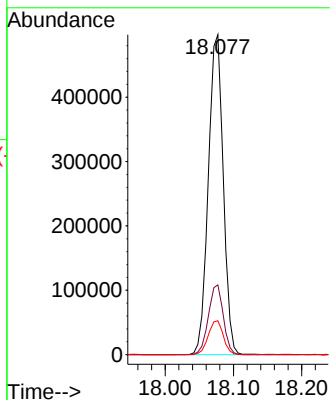
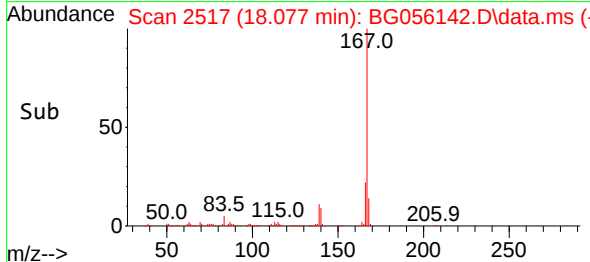
Tgt Ion:167 Resp: 756068
Ion Ratio Lower Upper
167 100
166 21.8 16.8 25.2
139 10.6 8.9 13.3

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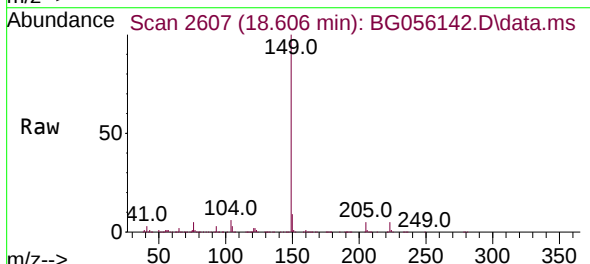
Reviewed By :Christian
Giraldo

12/29/2022
Supervised By :Yogesh
Patel

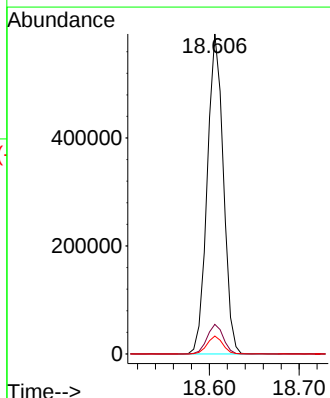
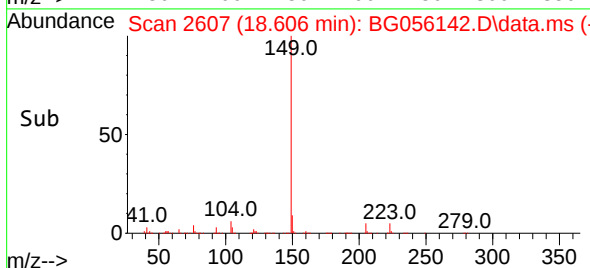
12/29/2022

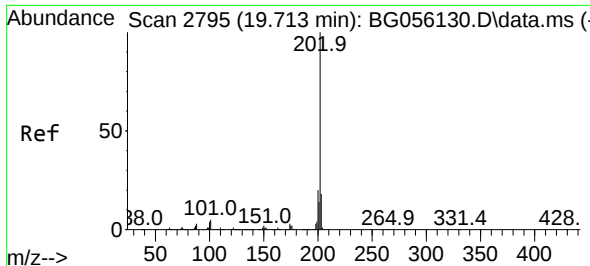


#74
Di-n-butylphthalate
Concen: 48.321 ng
RT: 18.606 min Scan# 2607
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



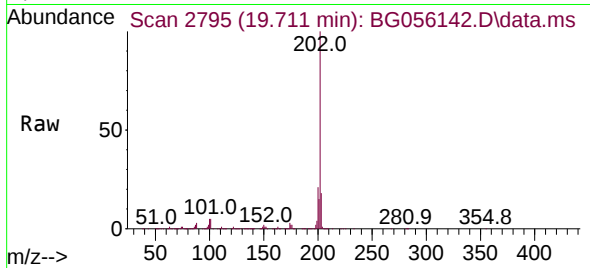
Tgt Ion:149 Resp: 738607
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 49.108 ng
RT: 19.711 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



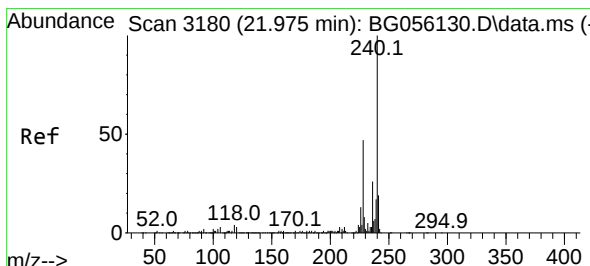
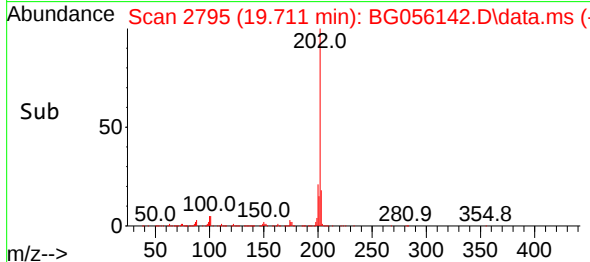
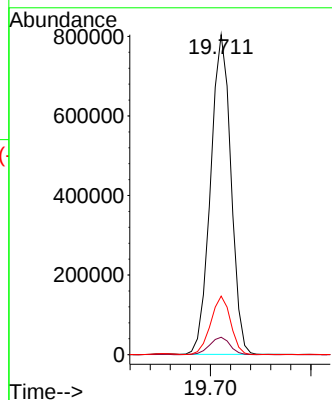
Tgt Ion:202 Resp: 1132792
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 18.3 0.0 38.0

Manual Integrations
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Reviewed By :Christian
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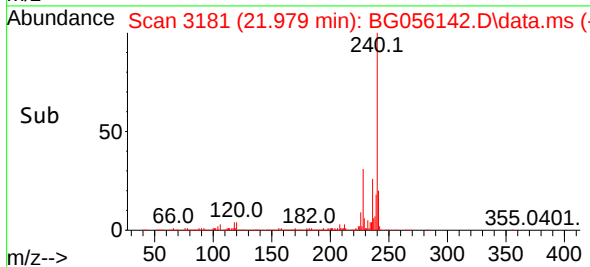
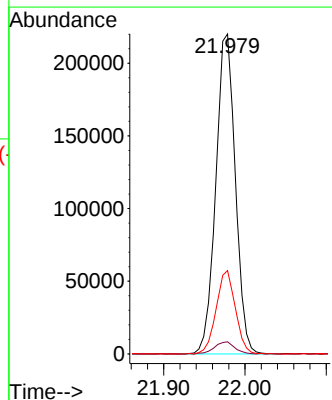
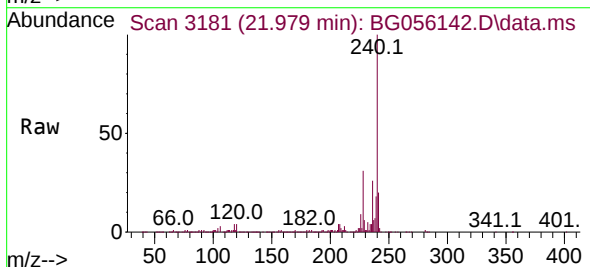
12/29/2022
Supervised By :Yogesh
Patel

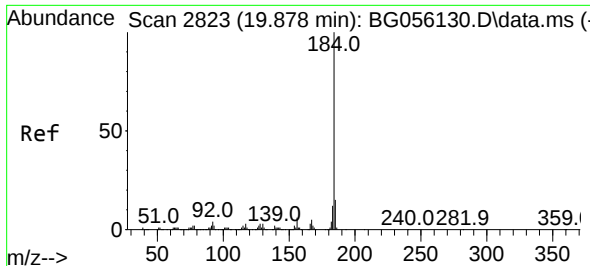
12/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.979 min Scan# 3181
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

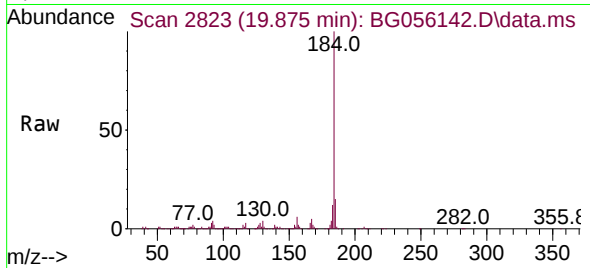
Tgt Ion:240 Resp: 367076
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 26.0 20.8 31.2





#77
Benzidine
Concen: 33.436 ng
RT: 19.875 min Scan# 2823
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



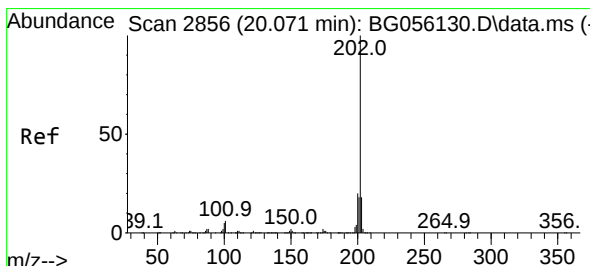
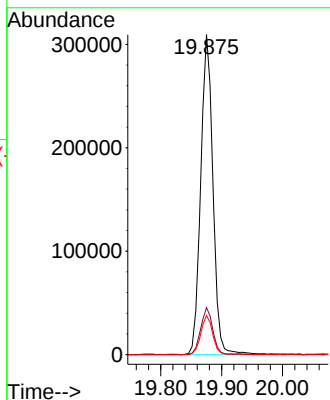
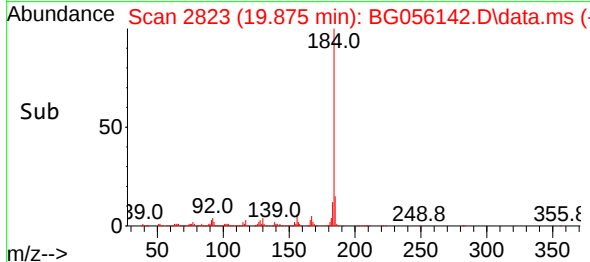
Tgt Ion:184 Resp: 430112
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 12.2 9.4 14.0

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Giraldo

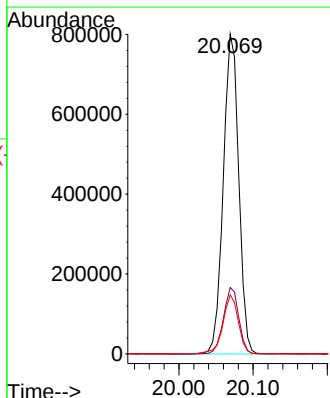
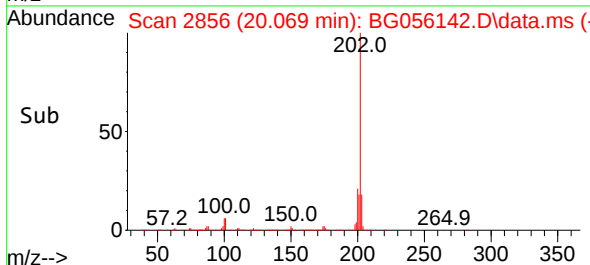
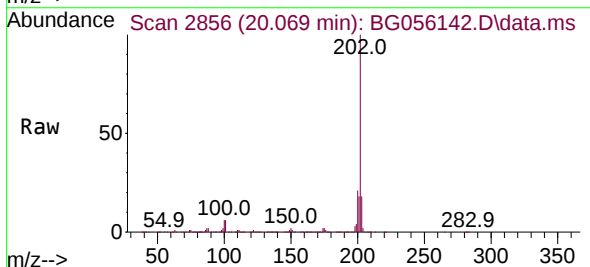
12/29/2022
Supervised By :Yogesh
Patel

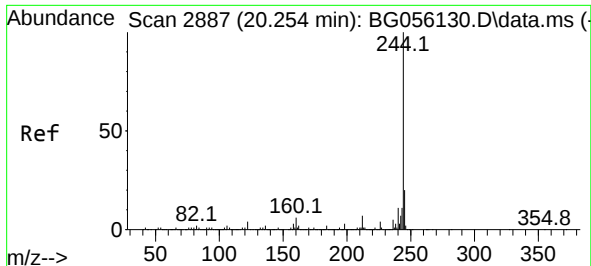
12/29/2022



#78
Pyrene
Concen: 44.684 ng
RT: 20.069 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

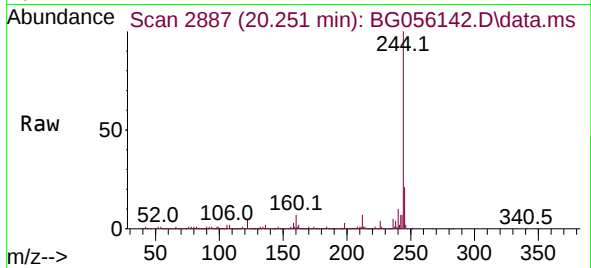
Tgt Ion:202 Resp: 1156103
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 18.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 71.918 ng
 RT: 20.251 min Scan# 2887
 Delta R.T. -0.002 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-CRMSD



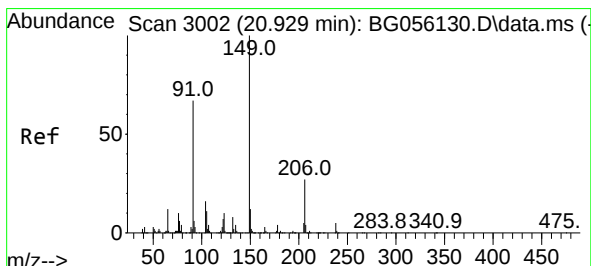
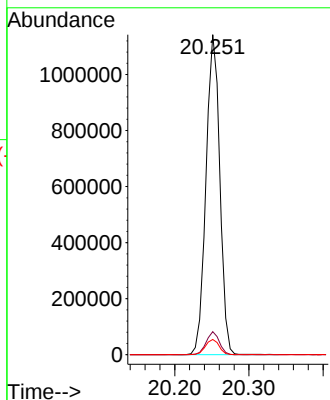
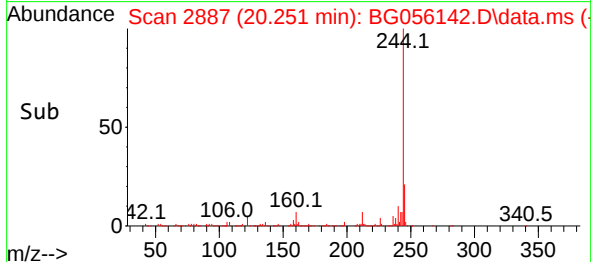
Tgt Ion:244 Resp: 1473976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.7 3.5 5.3

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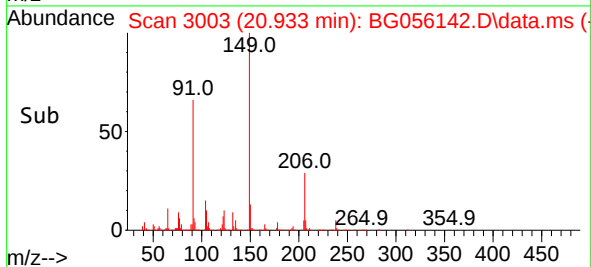
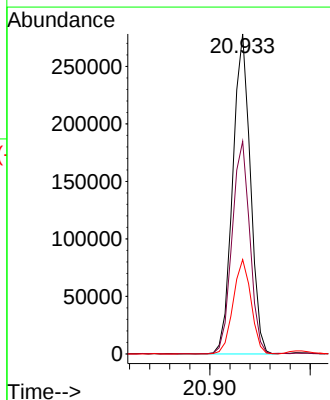
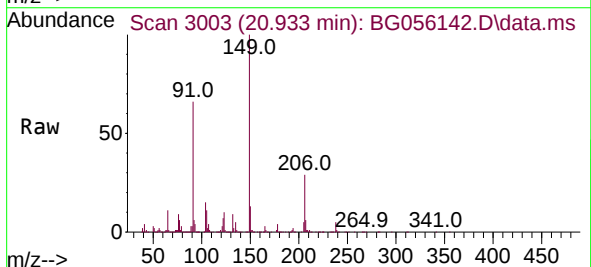
12/29/2022
 Supervised By :Yogesh
 Patel

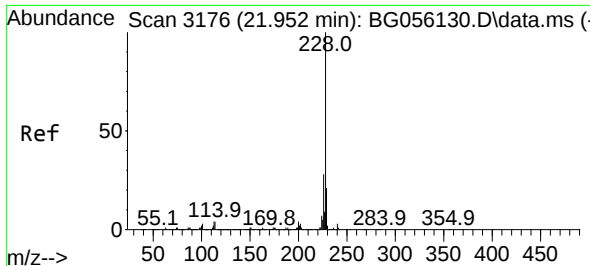
12/29/2022



#80
 Butylbenzylphthalate
 Concen: 45.740 ng
 RT: 20.933 min Scan# 3003
 Delta R.T. 0.003 min
 Lab File: BG056142.D
 Acq: 28 Dec 2022 16:25

Tgt Ion:149 Resp: 339514
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.5 80.3
 206 29.5 21.9 32.9





#81
Benzo(a)anthracene
Concen: 46.105 ng
RT: 21.955 min Scan# 3176
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD

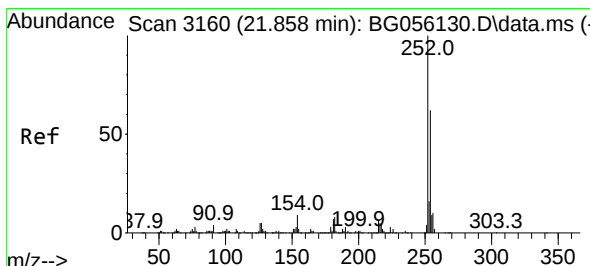
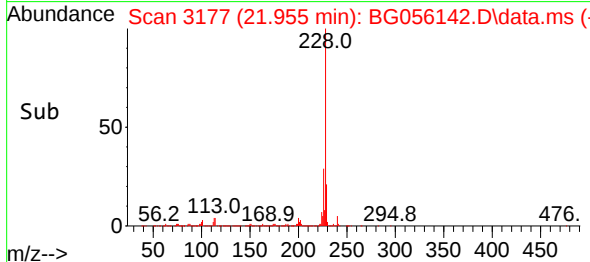
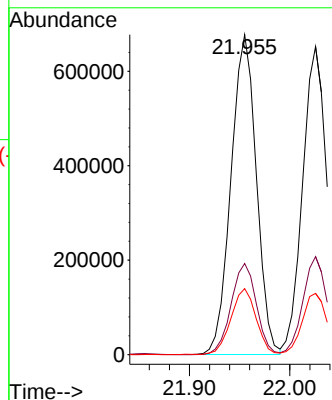
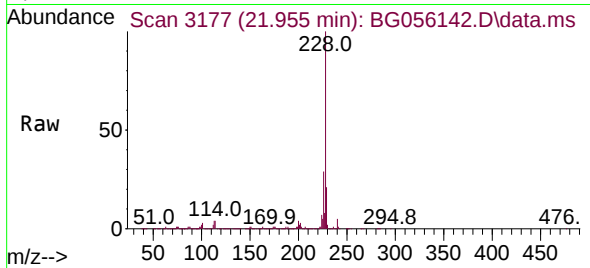
Tgt Ion:228 Resp: 1188692
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.6 16.9 25.3

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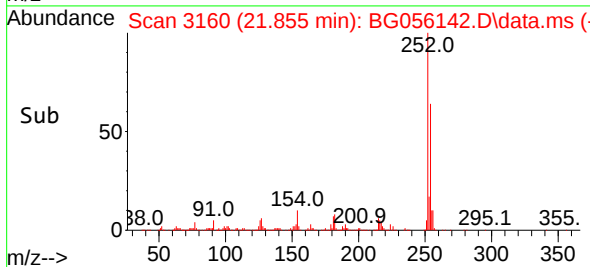
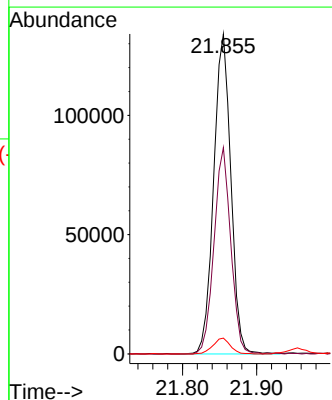
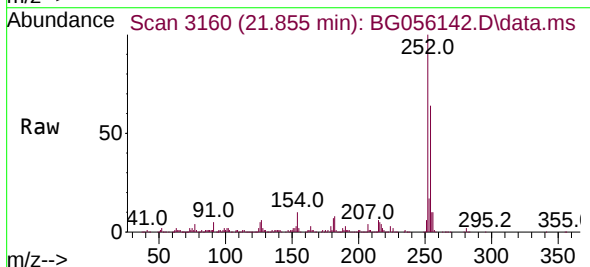
12/29/2022
Supervised By :Yogesh
Patel

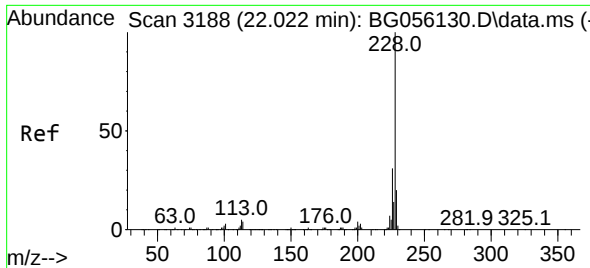
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#82
3,3'-Dichlorobenzidine
Concen: 23.217 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

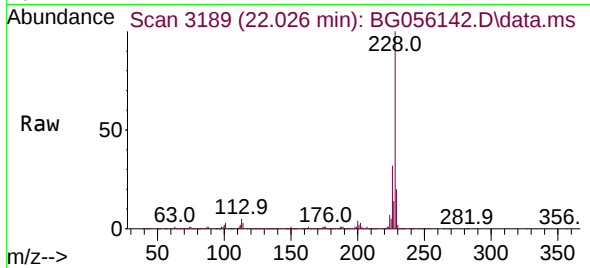
Tgt Ion:252 Resp: 215478
Ion Ratio Lower Upper
252 100
254 64.5 49.5 74.3
126 4.9 4.0 6.0





#83
Chrysene
Concen: 45.572 ng
RT: 22.026 min Scan# 3188
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



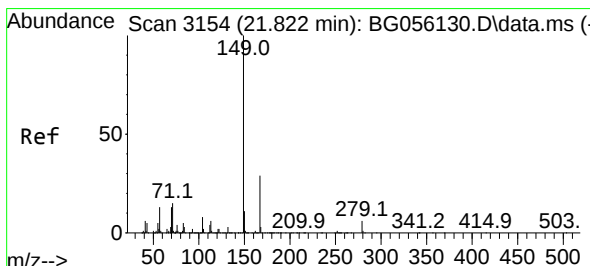
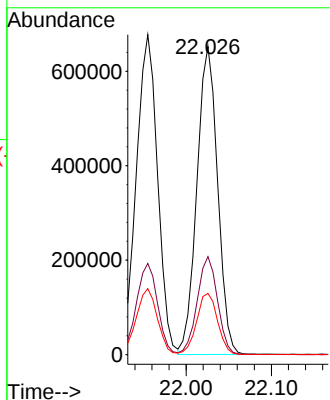
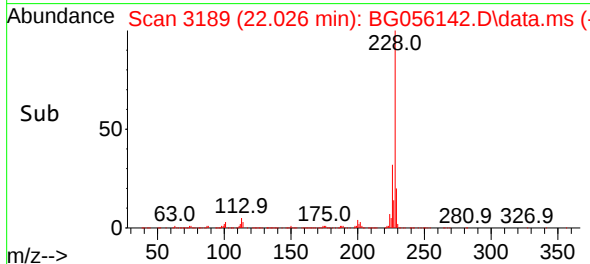
Tgt Ion:228 Resp: 1100581
Ion Ratio Lower Upper
228 100
226 31.8 24.6 36.8
229 19.9 15.8 23.6

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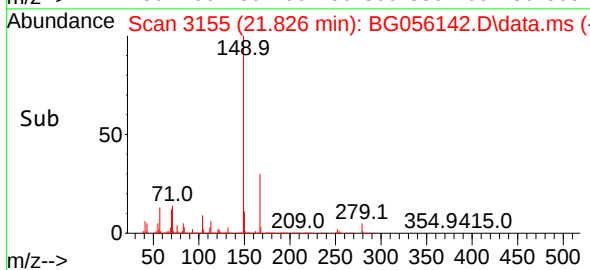
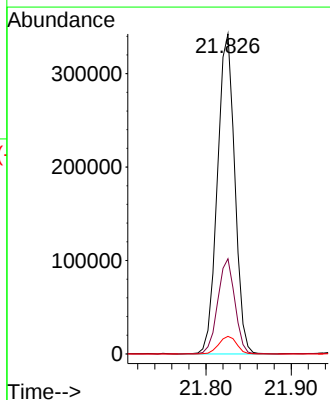
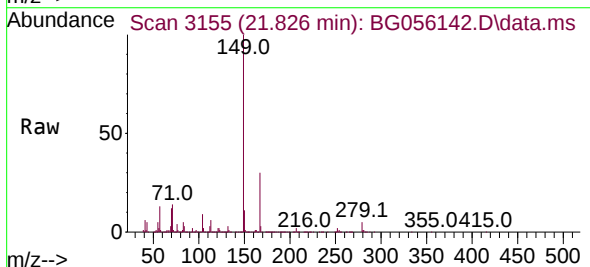
12/29/2022
Supervised By :Yogesh
Patel

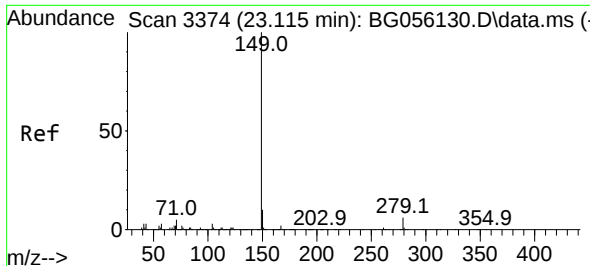
12/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.272 ng
RT: 21.826 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

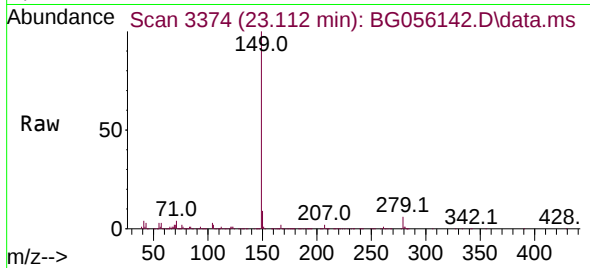
Tgt Ion:149 Resp: 484146
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.2
279 5.5 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 47.255 ng
RT: 23.112 min Scan# 3374
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



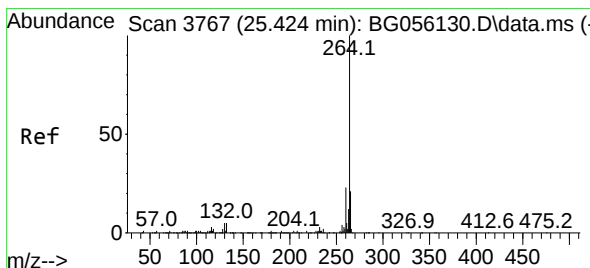
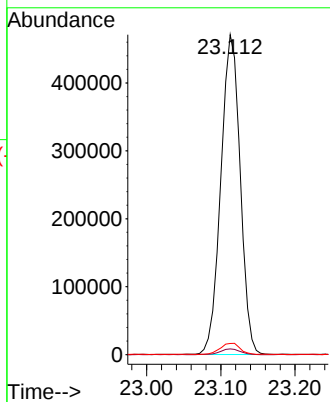
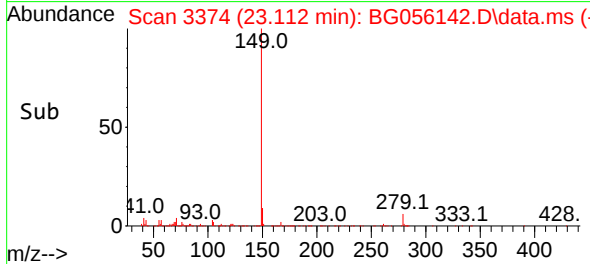
Tgt Ion:149 Resp: 853120
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.7 2.9 4.3

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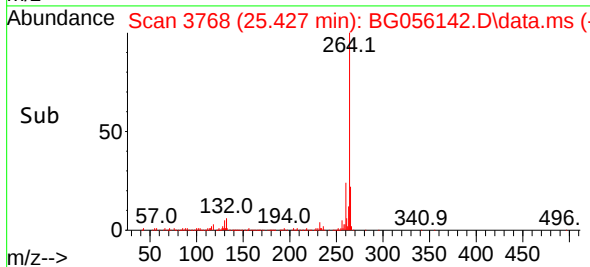
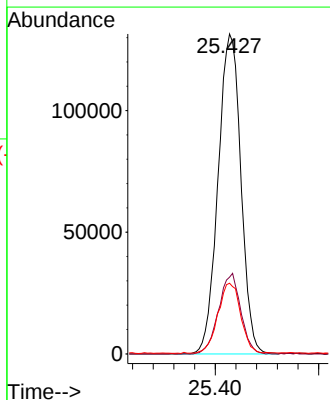
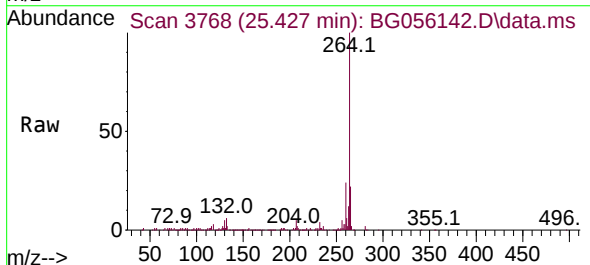
12/29/2022
Supervised By :Yogesh
Patel

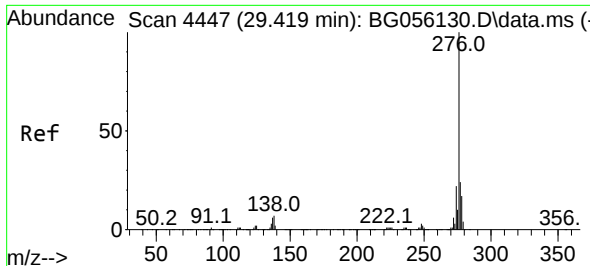
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.427 min Scan# 3768
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

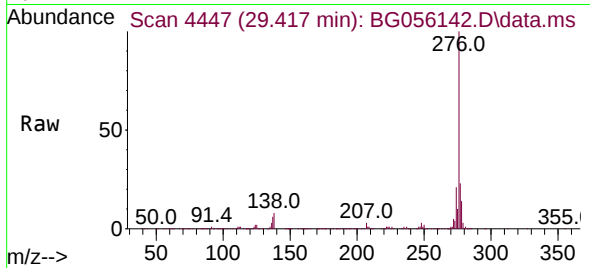
Tgt Ion:264 Resp: 404283
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.1 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.553 ng
RT: 29.417 min Scan# 4447
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



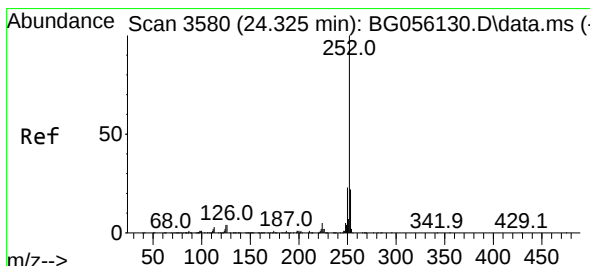
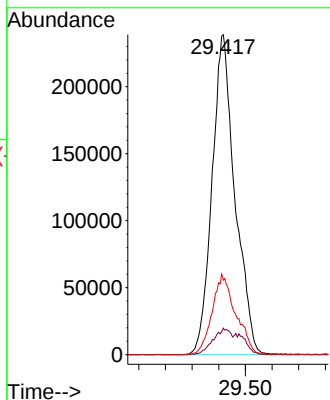
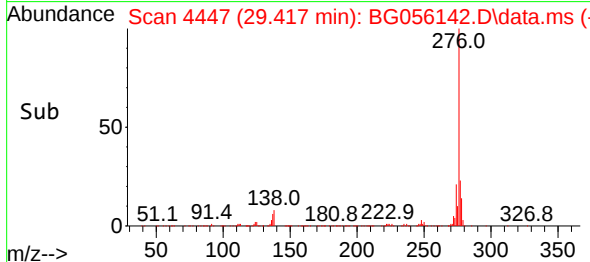
Tgt Ion: 276 Resp: 142755
Ion Ratio Lower Upper
276 100
138 6.4 5.0 7.4
277 25.7 20.5 30.7

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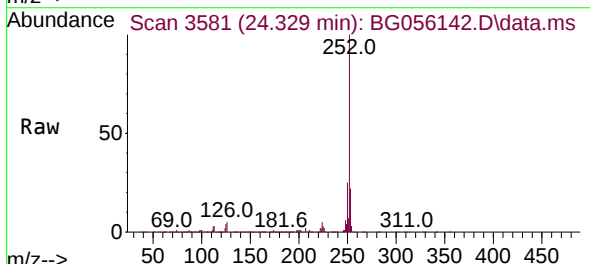
Reviewed By : Christian
Giraldo

12/29/2022
Supervised By : Yogesh
Patel

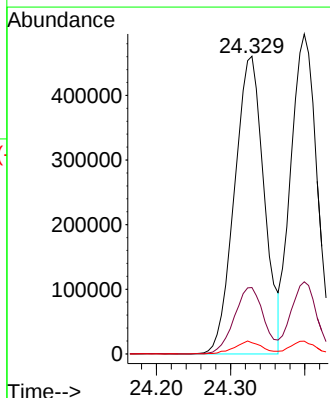
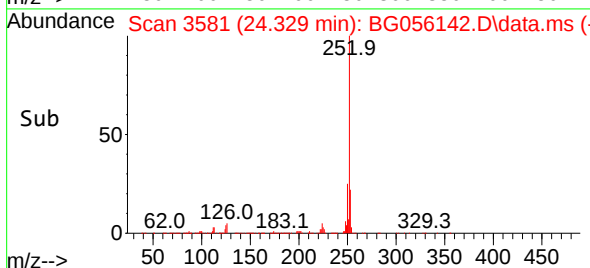
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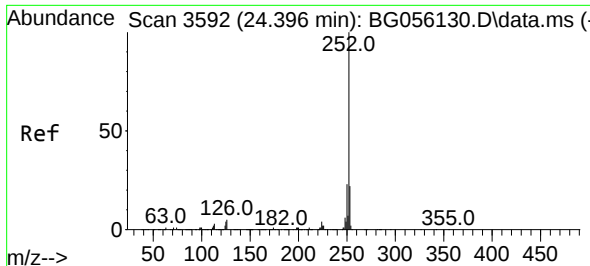


#88
Benzo(b)fluoranthene
Concen: 49.803 ng
RT: 24.329 min Scan# 3581
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25



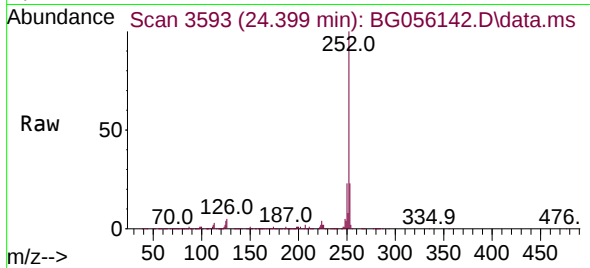
Tgt Ion: 252 Resp: 1279270
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 3.7 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 47.272 ng
RT: 24.399 min Scan# 3592
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



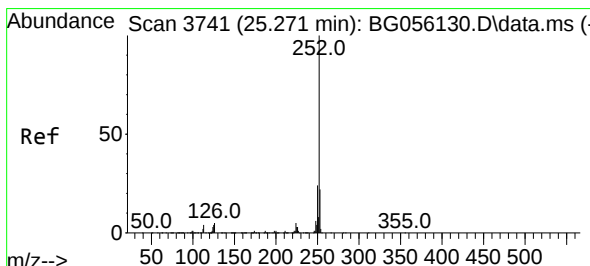
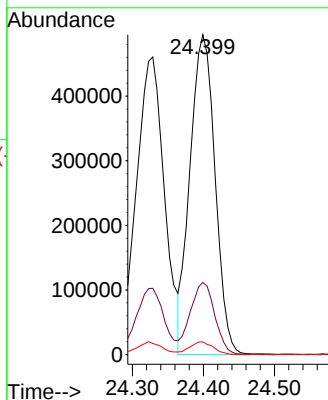
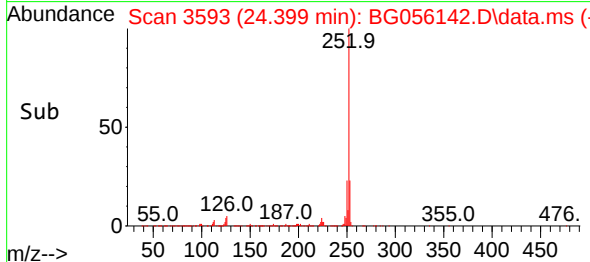
Tgt Ion:252 Resp: 120915
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 4.0 3.4 5.0

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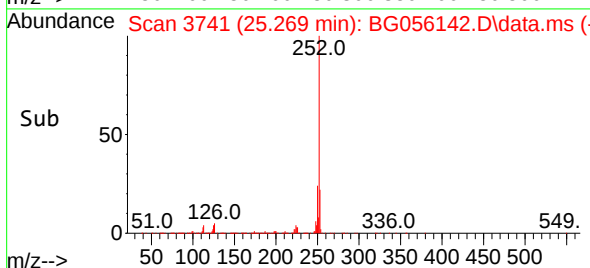
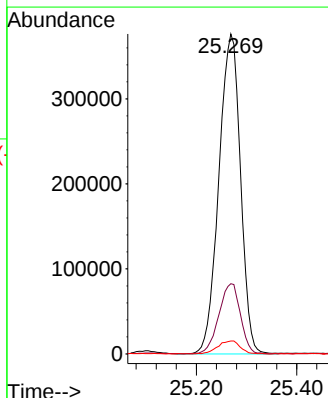
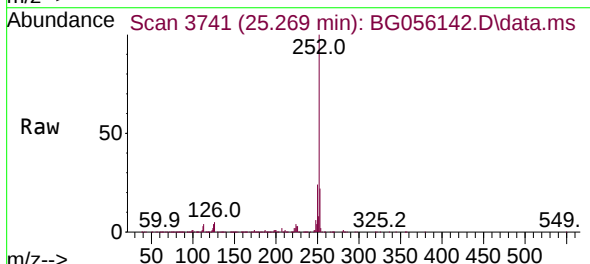
12/29/2022
Supervised By :Yogesh
Patel

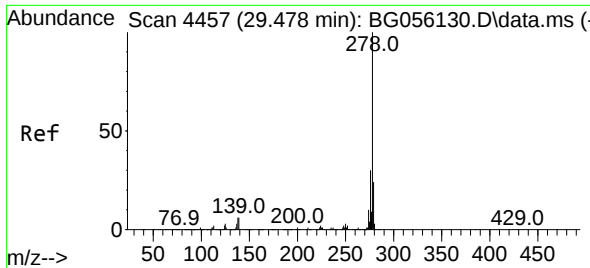
12/29/2022



#90
Benzo(a)pyrene
Concen: 44.925 ng
RT: 25.269 min Scan# 3741
Delta R.T. -0.002 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

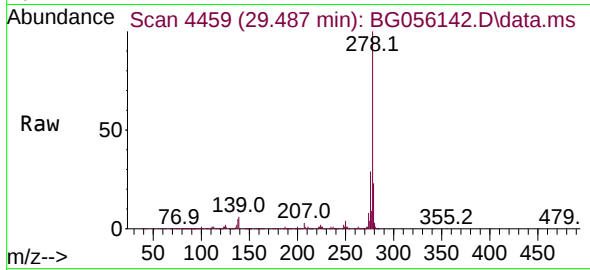
Tgt Ion:252 Resp: 1125528
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 4.0 3.2 4.8





#91
Dibenzo(a,h)anthracene
Concen: 47.583 ng
RT: 29.487 min Scan# 4457
Delta R.T. 0.009 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
TP-CRMSD



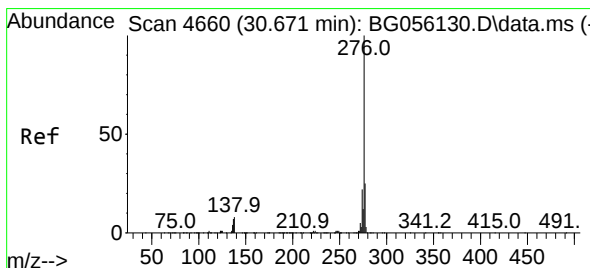
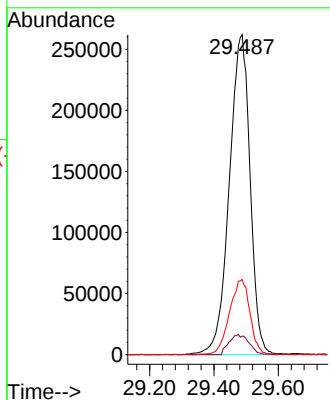
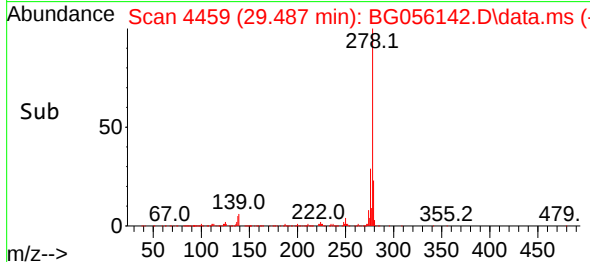
Tgt Ion:278 Resp: 1172954
Ion Ratio Lower Upper
278 100
139 5.8 4.8 7.2
279 23.5 19.0 28.4

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Patel

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#92
Benzo(g,h,i)perylene
Concen: 47.823 ng
RT: 30.674 min Scan# 4661
Delta R.T. 0.003 min
Lab File: BG056142.D
Acq: 28 Dec 2022 16:25

Tgt Ion:276 Resp: 1143188
Ion Ratio Lower Upper
276 100
277 23.9 19.7 29.5
138 8.2 6.7 10.1

