

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055887.D
 Acq On : 5 Dec 2022 16:26
 Operator : CG/JU
 Sample : N5870-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022
 Supervised By : Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 04:46:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.172	152	27213	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	124201	20.000	ng	0.00
39) Acenaphthene-d10	14.805	164	99744	20.000	ng	0.00
64) Phenanthrene-d10	17.549	188	239610	20.000	ng	0.00
76) Chrysene-d12	21.832	240	221562	20.000	ng	0.00
86) Perylene-d12	25.181	264	235402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	194589	129.248	ng	0.00
7) Phenol-d6	7.331	99	265092	132.273	ng	0.00
23) Nitrobenzene-d5	9.347	82	165445	70.407	ng	0.00
42) 2,4,6-Tribromophenol	16.291	330	150965	107.485	ng	0.00
45) 2-Fluorobiphenyl	13.424	172	421076	63.244	ng	0.00
79) Terphenyl-d14	20.134	244	731222	66.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.506	88	24411	37.941	ng	95
3) Pyridine	3.929	79	67796	34.348	ng	92
4) n-Nitrosodimethylamine	3.841	42	48646	46.551	ng	# 91
6) Aniline	7.484	93	77644	30.845	ng	96
8) 2-Chlorophenol	7.737	128	82765	48.088	ng	95
9) Benzaldehyde	7.302	77	40231m	29.558	ng	
10) Phenol	7.355	94	110682	49.324	ng	95
11) bis(2-Chloroethyl)ether	7.578	93	72451	42.130	ng	96
12) 1,3-Dichlorobenzene	8.060	146	85078	42.044	ng	97
13) 1,4-Dichlorobenzene	8.207	146	86321	42.215	ng	97
14) 1,2-Dichlorobenzene	8.530	146	84367	43.057	ng	98
15) Benzyl Alcohol	8.412	79	83030m	50.977	ng	
16) 2,2'-oxybis(1-Chloropr...	8.700	45	145035	46.588	ng	96
17) 2-Methylphenol	8.618	107	79135	49.672	ng	98
18) Hexachloroethane	9.264	117	29748	42.269	ng	97
19) n-Nitroso-di-n-propyla...	8.976	70	69982	45.447	ng	93
20) 3+4-Methylphenols	8.947	107	109408	49.161	ng	99
22) Acetophenone	9.000	105	130418	40.410	ng	94
24) Nitrobenzene	9.394	77	100689	41.023	ng	98
25) Isophorone	9.911	82	196316	44.093	ng	98
26) 2-Nitrophenol	10.105	139	48840	43.104	ng	94
27) 2,4-Dimethylphenol	10.157	122	91708m	53.180	ng	
28) bis(2-Chloroethoxy)met...	10.387	93	110044	46.039	ng	99
29) 2,4-Dichlorophenol	10.651	162	95562	46.298	ng	97
30) 1,2,4-Trichlorobenzene	10.857	180	91798	38.281	ng	97
31) Naphthalene	11.051	128	265257	39.507	ng	99
32) Benzoic acid	10.322	122	51013	35.955	ng	93
33) 4-Chloroaniline	11.162	127	60757	21.937	ng	99
34) Hexachlorobutadiene	11.327	225	59456	36.311	ng	98
35) Caprolactam	11.938	113	33348m	46.688	ng	
36) 4-Chloro-3-methylphenol	12.278	107	108795	47.957	ng	97
37) 2-Methylnaphthalene	12.643	142	207995	41.374	ng	99
38) 1-Methylnaphthalene	12.860	142	196544	40.273	ng	97
40) 1,2,4,5-Tetrachloroben...	13.007	216	119571	38.147	ng	99
41) Hexachlorocyclopentadiene	12.984	237	88283	55.882	ng	96
43) 2,4,6-Trichlorophenol	13.248	196	85729	40.095	ng	97

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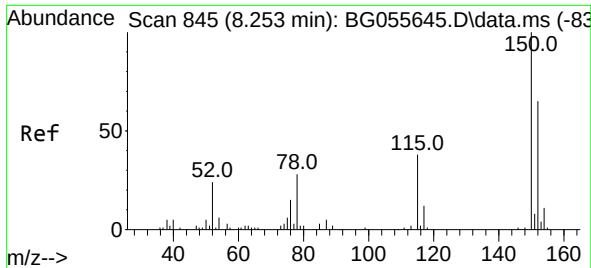
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.330	196	96203	40.943	ng	99
46) 1,1'-Biphenyl	13.642	154	291980	40.171	ng	99
47) 2-Chloronaphthalene	13.689	162	220595	39.046	ng	99
48) 2-Nitroaniline	13.888	65	81510	43.883	ng	98
49) Acenaphthylene	14.529	152	373728	40.172	ng	99
50) Dimethylphthalate	14.247	163	316442	39.798	ng	99
51) 2,6-Dinitrotoluene	14.376	165	67509	41.524	ng	91
52) Acenaphthene	14.870	154	265124m	43.604	ng	
53) 3-Nitroaniline	14.711	138	41133	23.047	ng	98
54) 2,4-Dinitrophenol	14.928	184	71823	76.836	ng	96
55) Dibenzofuran	15.199	168	372915	39.757	ng	99
56) 4-Nitrophenol	15.028	139	101734	72.629	ng	90
57) 2,4-Dinitrotoluene	15.169	165	96776	42.220	ng	98
58) Fluorene	15.851	166	300628	40.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.428	232	85453	37.533	ng	99
60) Diethylphthalate	15.598	149	319251	39.713	ng	100
61) 4-Chlorophenyl-phenyle...	15.833	204	164150	39.860	ng	98
62) 4-Nitroaniline	15.874	138	71869	38.523	ng	95
63) Azobenzene	16.127	77	295261	42.070	ng	97
65) 4,6-Dinitro-2-methylph...	15.933	198	54467	40.709	ng	98
66) n-Nitrosodiphenylamine	16.045	169	272735	41.302	ng	99
67) 4-Bromophenyl-phenylether	16.726	248	108658	39.800	ng	98
68) Hexachlorobenzene	16.855	284	119816	39.580	ng	98
69) Atrazine	16.985	200	112451	43.058	ng	98
70) Pentachlorophenol	17.202	266	112662	60.838	ng	99
71) Phenanthrene	17.590	178	504675	39.030	ng	100
72) Anthracene	17.678	178	517297	41.175	ng	99
73) Carbazole	17.948	167	455672	40.345	ng	99
74) Di-n-butylphthalate	18.477	149	551196	39.303	ng	99
75) Fluoranthene	19.588	202	583067	37.065	ng	99
77) Benzidine	19.758	184	233347	45.525	ng	98
78) Pyrene	19.952	202	592934	39.537	ng	99
80) Butylbenzylphthalate	20.810	149	233719	39.809	ng	98
81) Benzo(a)anthracene	21.808	228	591064	38.732	ng	100
82) 3,3'-Dichlorobenzidine	21.714	252	97422	18.168	ng	97
83) Chrysene	21.879	228	557840	38.398	ng	99
84) Bis(2-ethylhexyl)phtha...	21.679	149	342959	40.647	ng	100
85) Di-n-octyl phthalate	22.925	149	584496	40.479	ng	96
87) Indeno(1,2,3-cd)pyrene	29.047	276	707109	36.667	ng	98
88) Benzo(b)fluoranthene	24.112	252	620075	40.447	ng	100
89) Benzo(k)fluoranthene	24.182	252	601346	39.351	ng	100
90) Benzo(a)pyrene	25.022	252	548000	41.655	ng	100
91) Dibenzo(a,h)anthracene	29.100	278	593094	37.635	ng	99
92) Benzo(g,h,i)perylene	30.263	276	586923	36.952	ng	99

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

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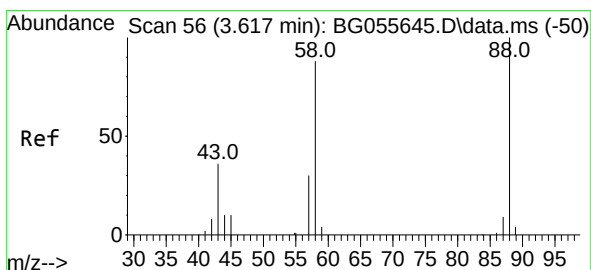
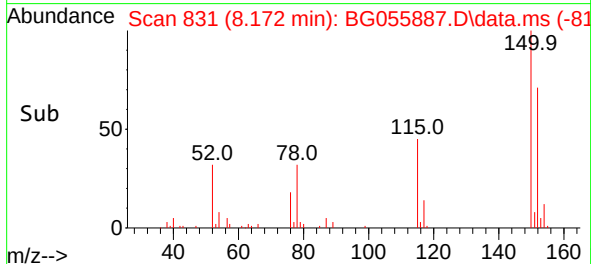
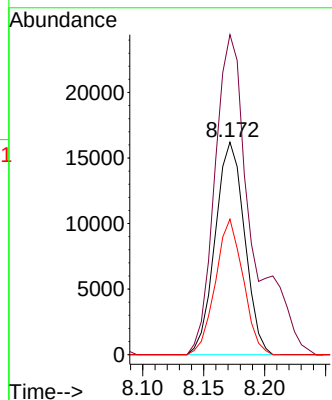
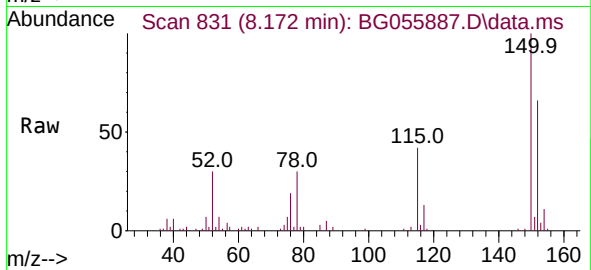
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.172 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
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ClientSampleId :
ML-4MS

Tgt Ion:152 Resp: 27213
Ion Ratio Lower Upper
152 100
150 150.7 123.0 184.6
115 63.8 47.0 70.4

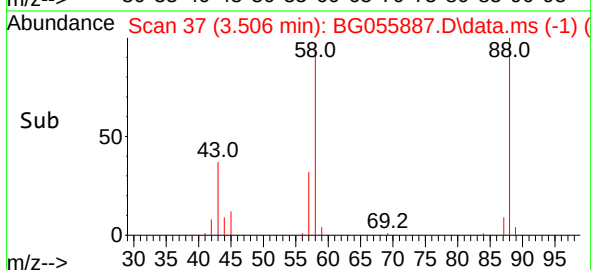
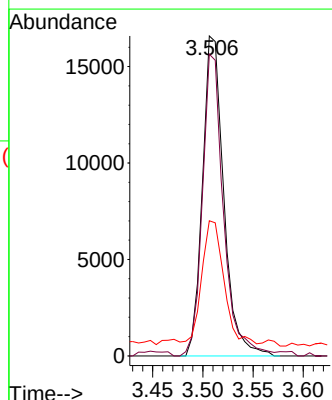
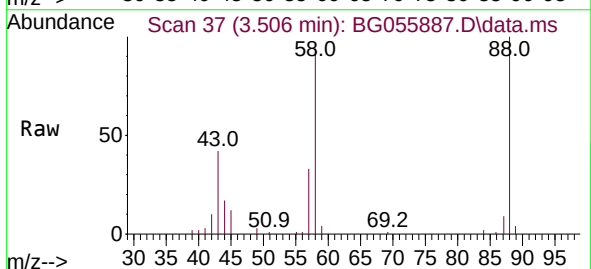
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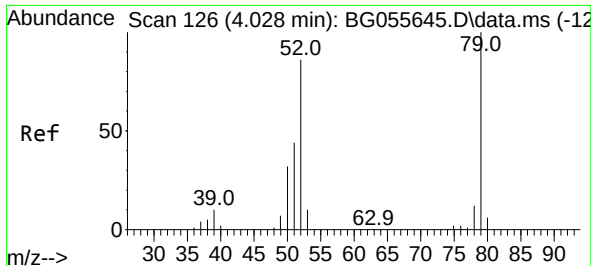
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Supervised By :Jagrut Upadhyay 12/06/2022



#2
1,4-Dioxane
Concen: 37.941 ng
RT: 3.506 min Scan# 37
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

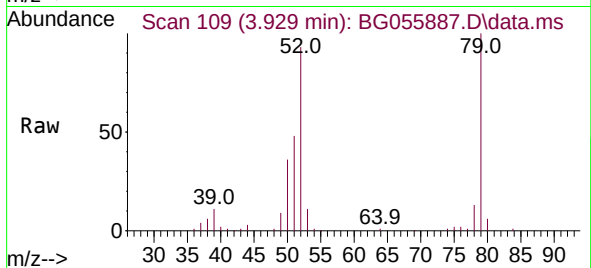
Tgt Ion: 88 Resp: 24411
Ion Ratio Lower Upper
88 100
58 93.4 71.3 106.9
43 39.4 28.6 43.0





#3
Pyridine
Concen: 34.348 ng
RT: 3.929 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG055887.D
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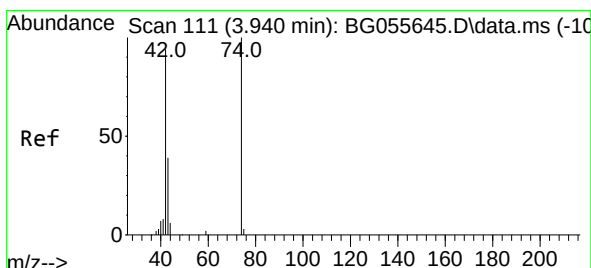
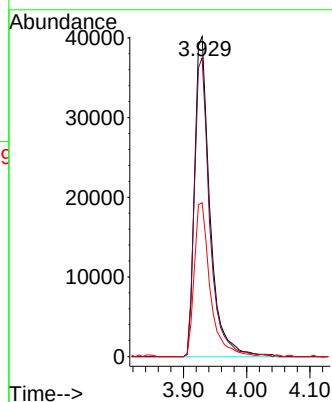
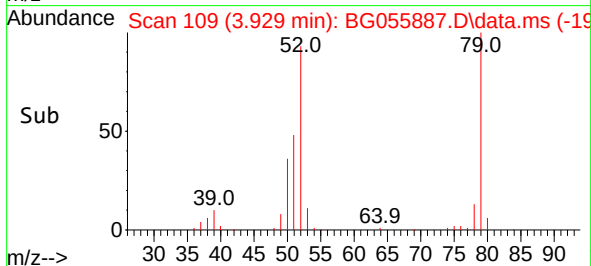
Instrument :
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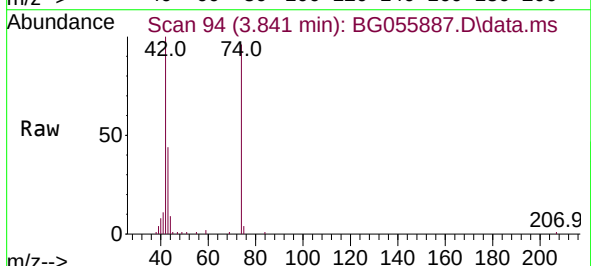
Tgt Ion: 79 Resp: 67796
Ion Ratio Lower Upper
79 100
52 93.3 68.9 103.3
51 48.1 34.8 52.2

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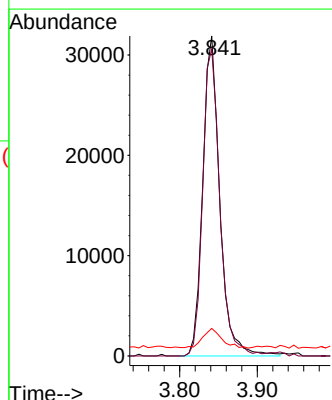
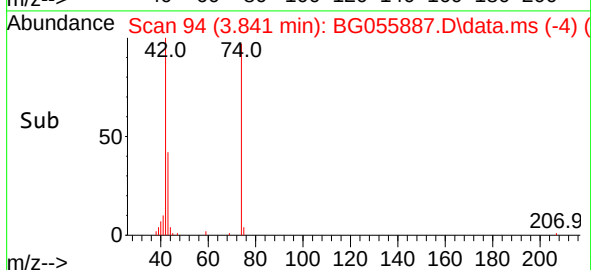
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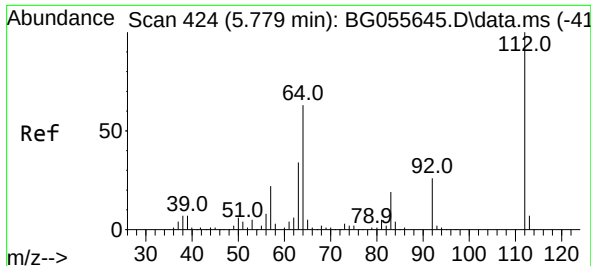


#4
n-Nitrosodimethylamine
Concen: 46.551 ng
RT: 3.841 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion: 42 Resp: 48646
Ion Ratio Lower Upper
42 100
74 95.9 84.7 127.1
44 8.6 5.4 8.0





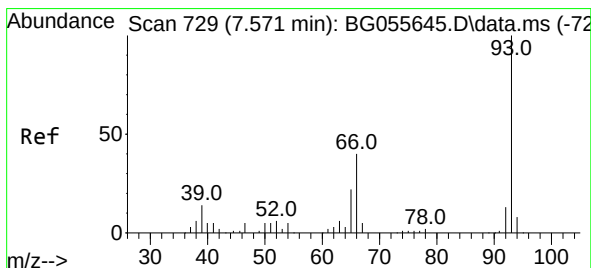
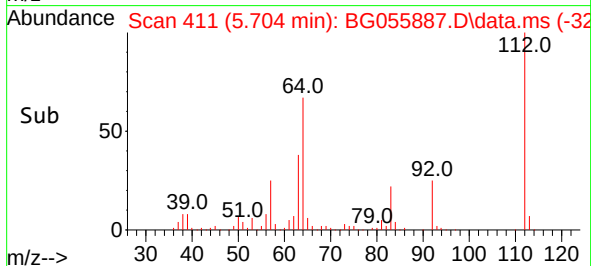
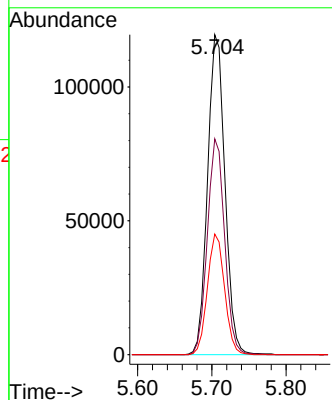
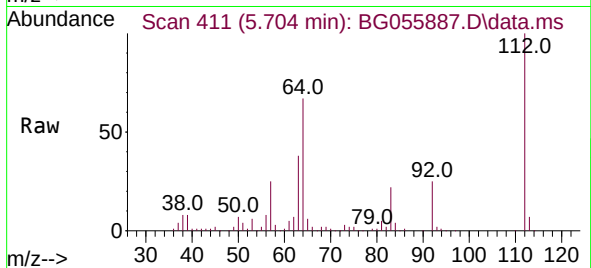
#5
2-Fluorophenol
Concen: 129.248 ng
RT: 5.704 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
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ClientSampleId :
ML-4MS

Tgt Ion:112 Resp: 194589
Ion Ratio Lower Upper
112 100
64 67.4 50.6 76.0
63 37.7 27.5 41.3

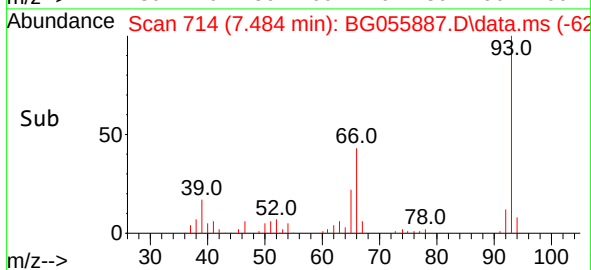
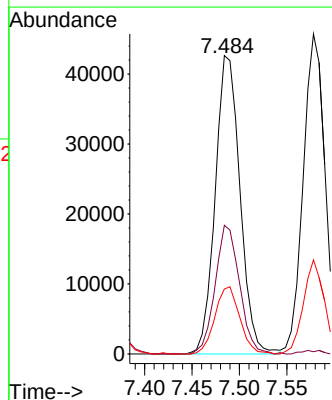
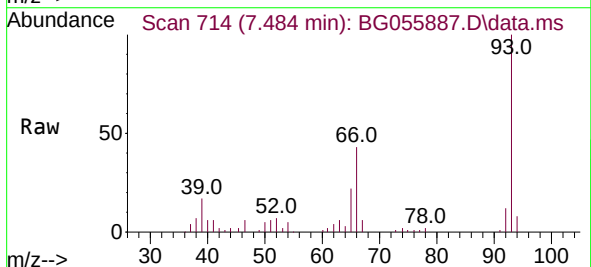
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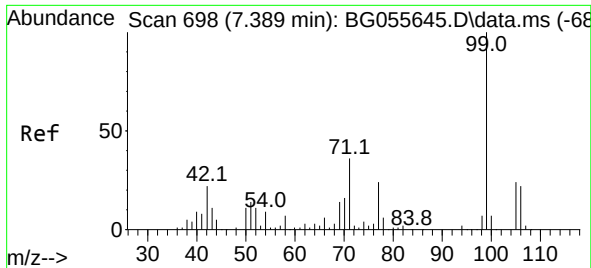
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#6
Aniline
Concen: 30.845 ng
RT: 7.484 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG055887.D
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Tgt Ion: 93 Resp: 77644
Ion Ratio Lower Upper
93 100
66 43.1 31.7 47.5
65 21.7 17.9 26.9





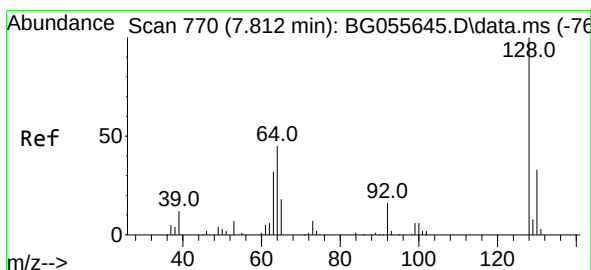
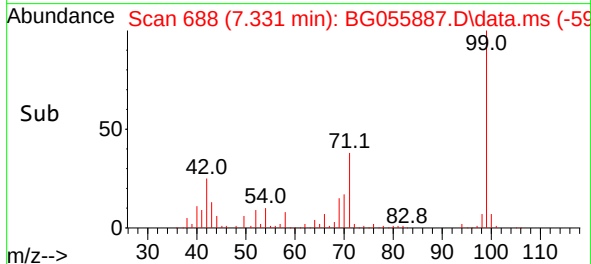
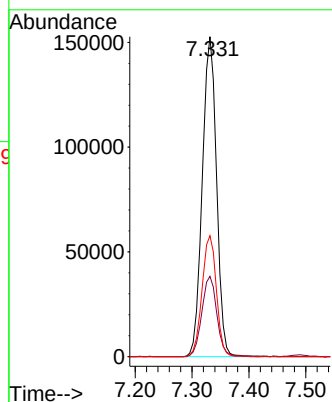
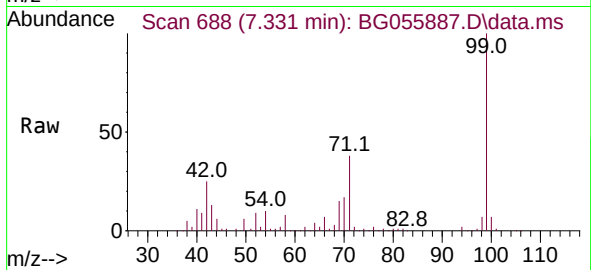
#7
Phenol-d6
Concen: 132.273 ng
RT: 7.331 min Scan# 688
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
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ClientSampleId :
ML-4MS

Tgt Ion: 99 Resp: 265092
Ion Ratio Lower Upper
99 100
42 25.1 18.0 27.0
71 37.8 29.0 43.6

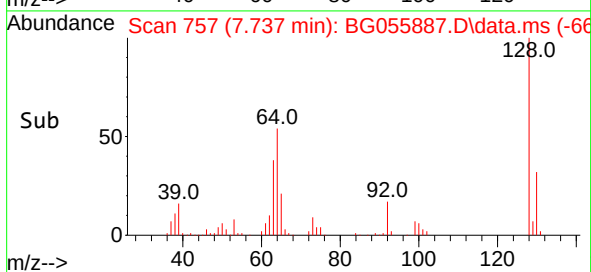
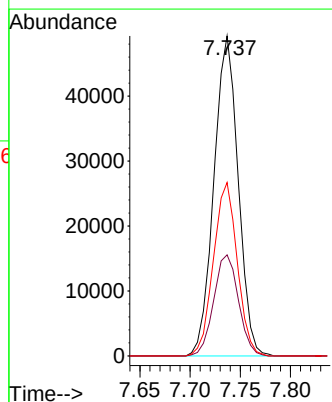
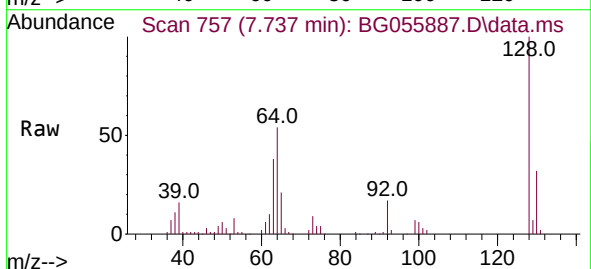
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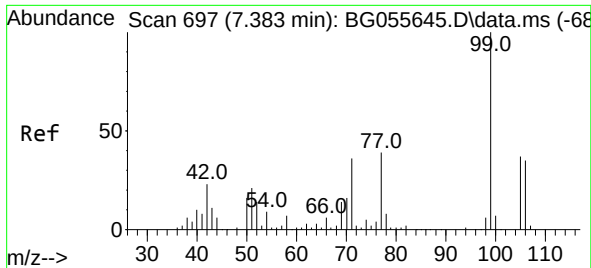
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#8
2-Chlorophenol
Concen: 48.088 ng
RT: 7.737 min Scan# 757
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:128 Resp: 82765
Ion Ratio Lower Upper
128 100
130 31.6 13.1 53.1
64 54.2 30.2 70.2





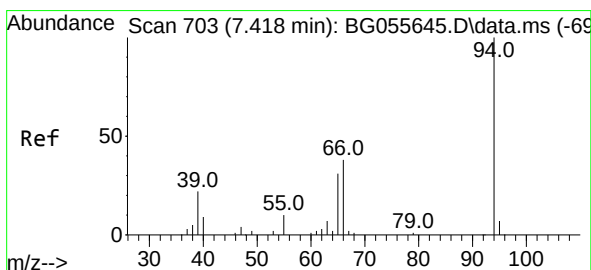
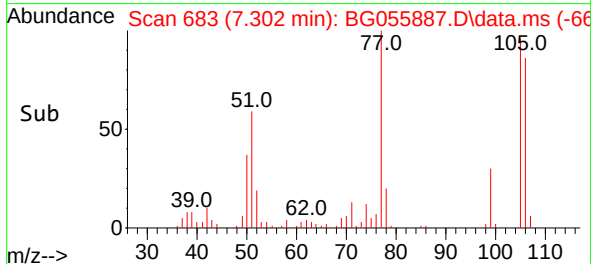
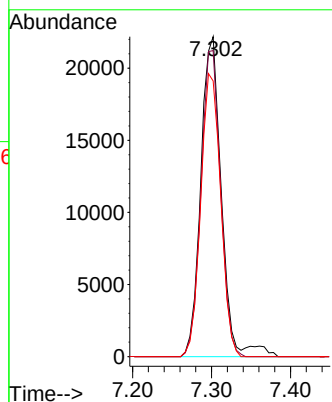
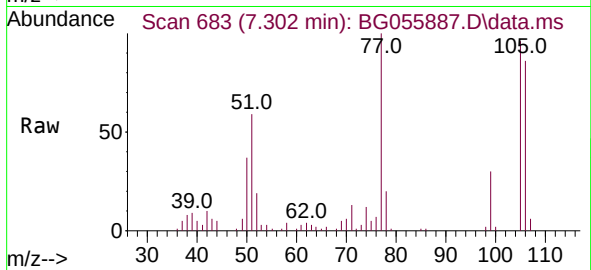
#9
Benzaldehyde
Concen: 29.558 ng m
RT: 7.302 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG055887.D
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Instrument :
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ClientSampleId :
ML-4MS

Tgt Ion: 77 Resp: 40231
Ion Ratio Lower Upper
77 100
105 95.6 76.3 116.3
106 86.1 69.8 109.8

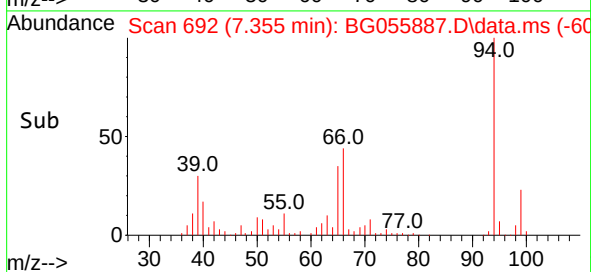
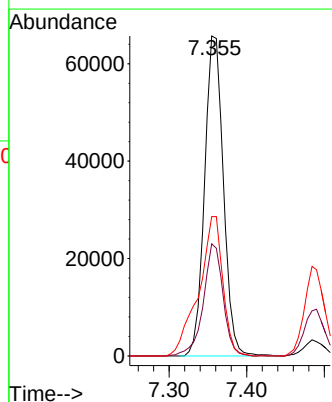
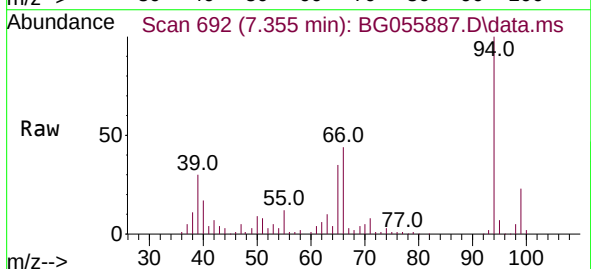
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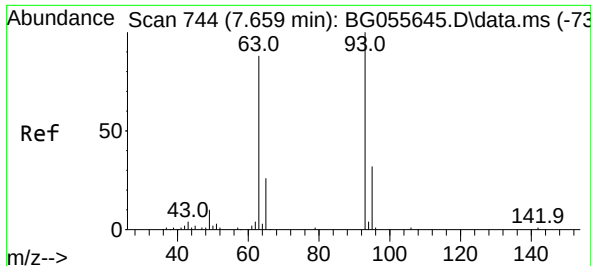
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#10
Phenol
Concen: 49.324 ng
RT: 7.355 min Scan# 692
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion: 94 Resp: 110682
Ion Ratio Lower Upper
94 100
65 35.0 11.8 51.8
66 43.5 20.5 60.5





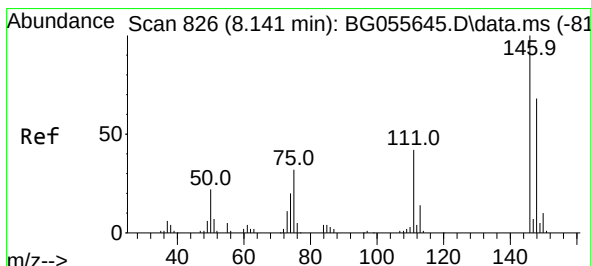
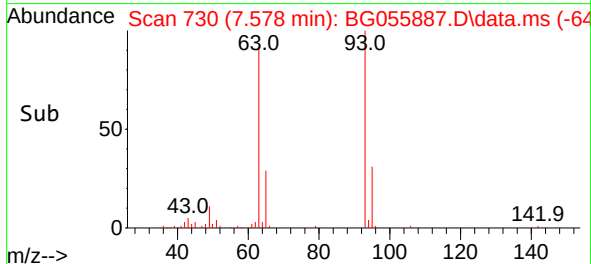
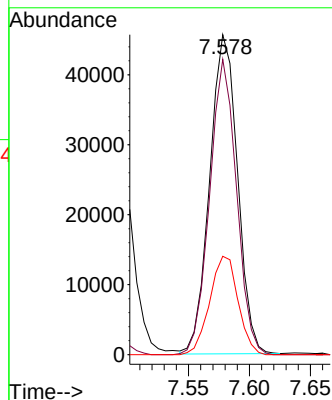
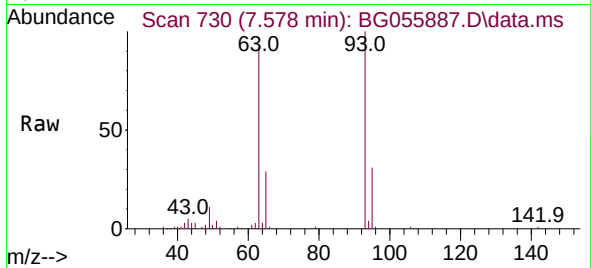
#11
bis(2-Chloroethyl)ether
Concen: 42.130 ng
RT: 7.578 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :
ML-4MS

Tgt Ion: 93 Resp: 7245
Ion Ratio Lower Upper
93 100
63 92.3 67.6 107.6
95 30.7 11.8 51.8

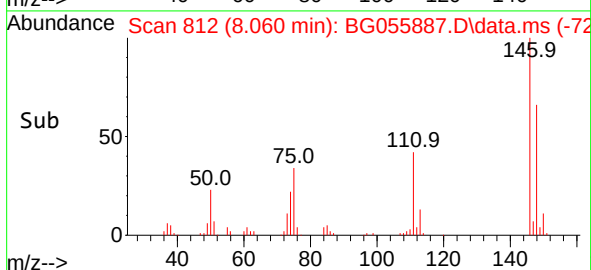
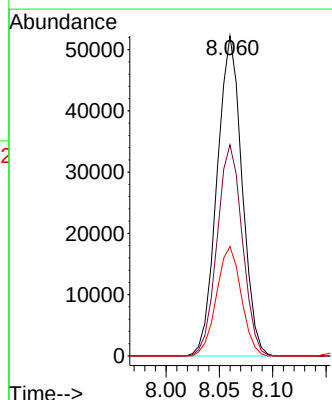
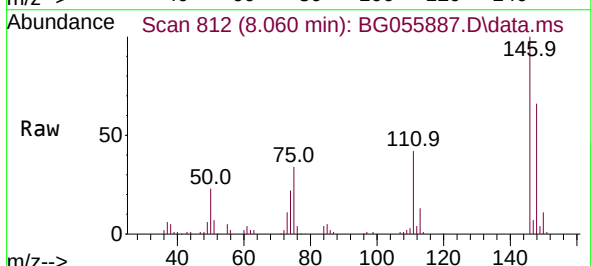
Manual Integrations
APPROVED

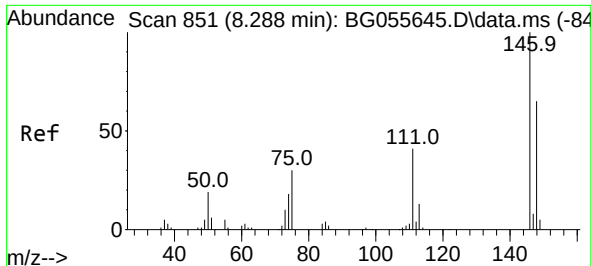
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#12
1,3-Dichlorobenzene
Concen: 42.044 ng
RT: 8.060 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

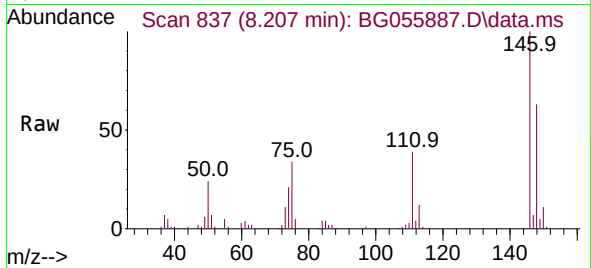
Tgt Ion:146 Resp: 85078
Ion Ratio Lower Upper
146 100
148 66.0 54.6 81.8
75 34.2 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.215 ng
RT: 8.207 min Scan# 841
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

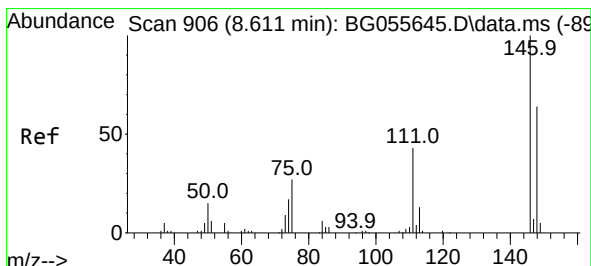
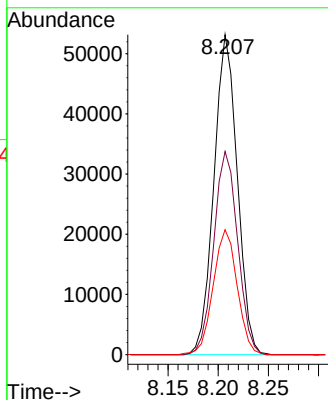
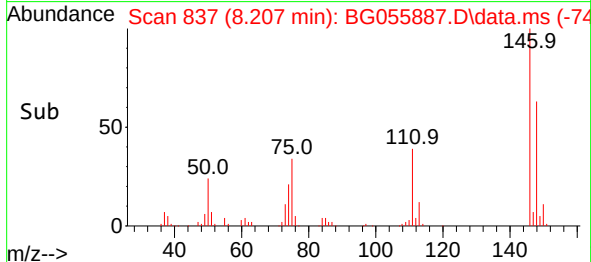
Instrument :
BNA_G
ClientSampleId :
ML-4MS



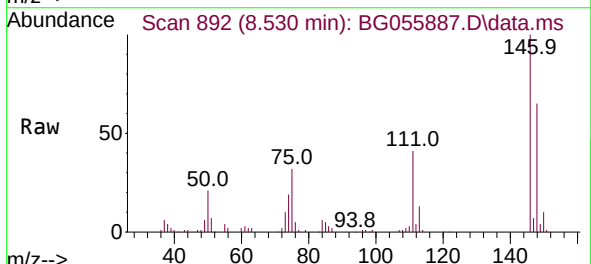
Tgt Ion:146 Resp: 86321
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
111 39.0 33.0 49.4

Manual Integrations
APPROVED

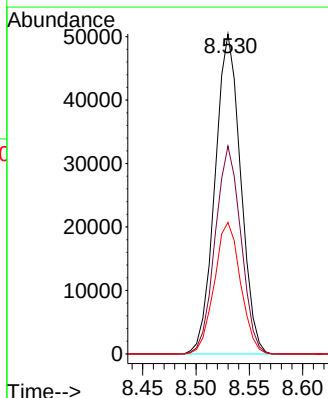
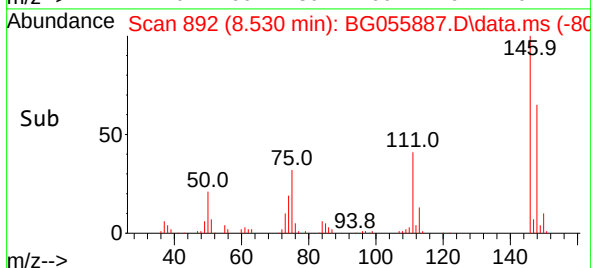
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

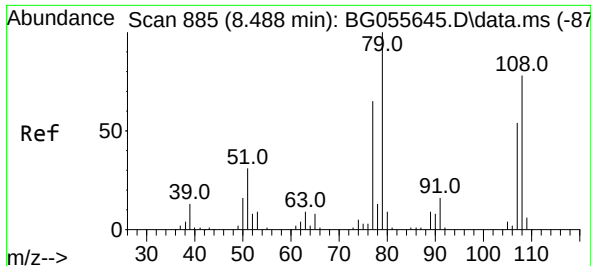


#14
1,2-Dichlorobenzene
Concen: 43.057 ng
RT: 8.530 min Scan# 892
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



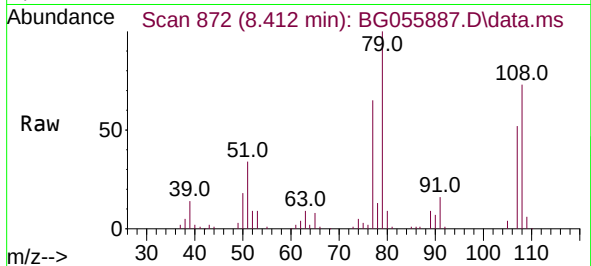
Tgt Ion:146 Resp: 84367
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 41.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.977 ng m
RT: 8.412 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

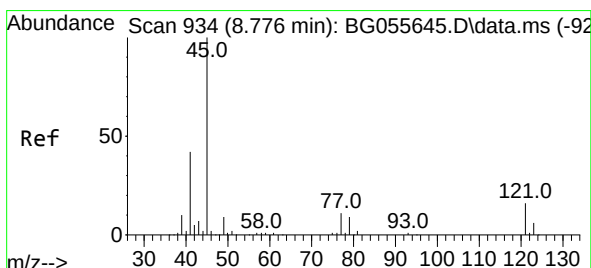
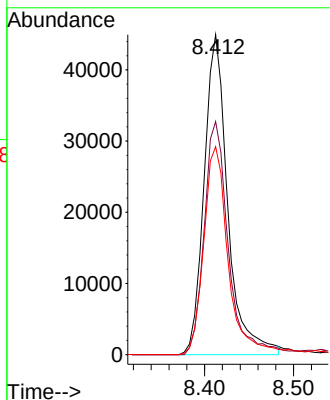
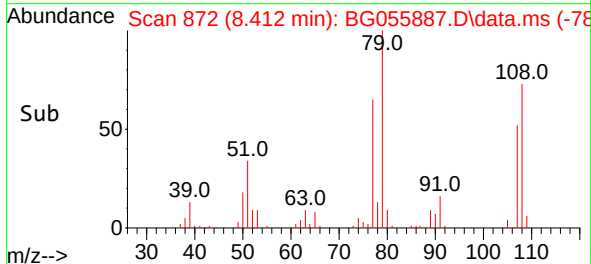
Instrument :
BNA_G
ClientSampleId :
ML-4MS



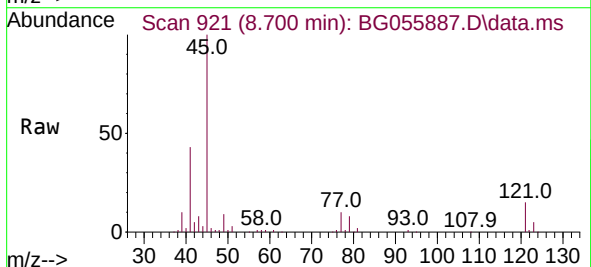
Tgt Ion: 79 Resp: 83036
Ion Ratio Lower Upper
79 100
108 72.8 62.6 93.8
77 65.0 52.4 78.6

Manual Integrations
APPROVED

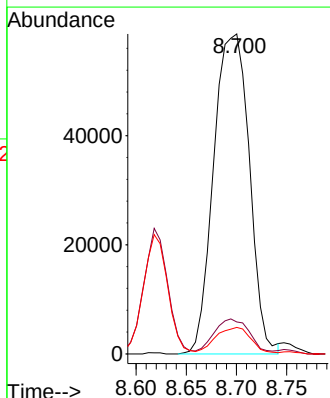
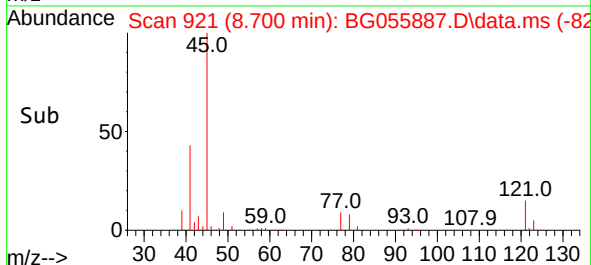
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

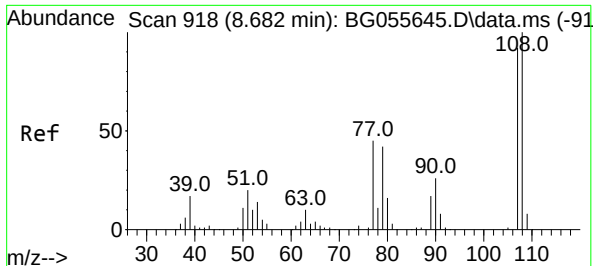


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.588 ng
RT: 8.700 min Scan# 921
Delta R.T. 0.008 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion: 45 Resp: 145035
Ion Ratio Lower Upper
45 100
77 10.0 0.0 31.7
79 8.3 0.0 29.5





#17
2-Methylphenol
Concen: 49.672 ng
RT: 8.618 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

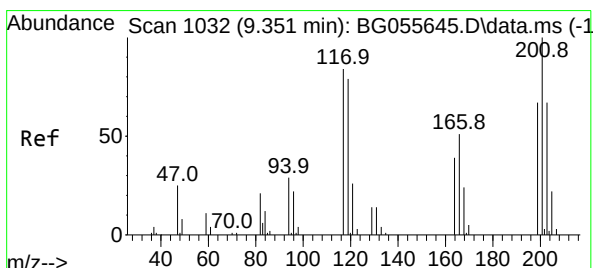
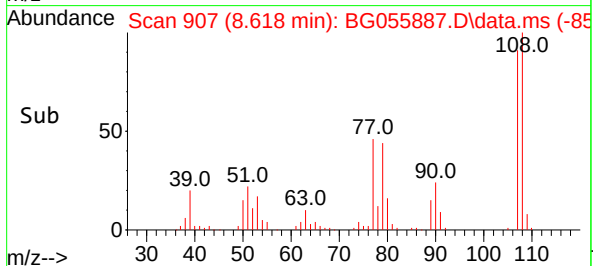
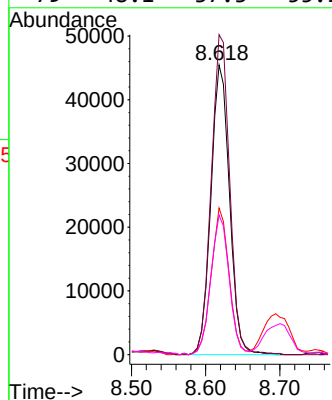
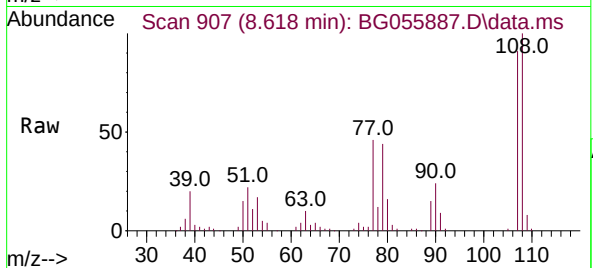
ML-4MS

Tgt Ion:107 Resp: 79135
Ion Ratio Lower Upper
107 100
108 110.5 87.3 130.9
77 50.6 39.4 59.0
79 48.1 37.3 55.9

Manual Integrations

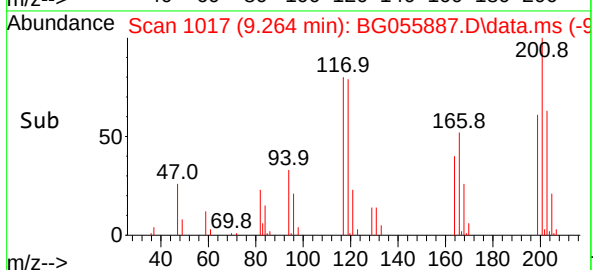
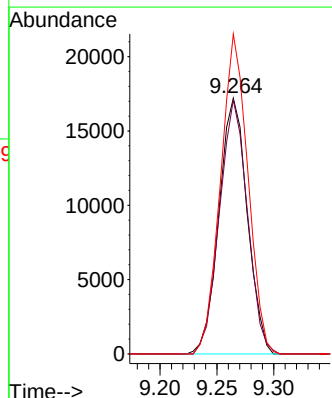
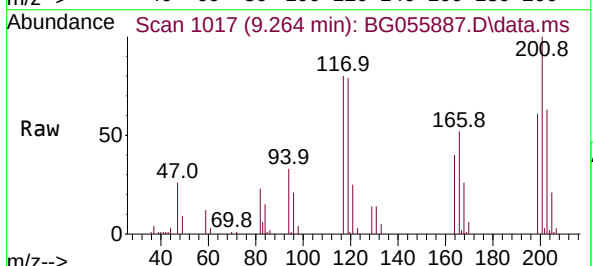
APPROVED

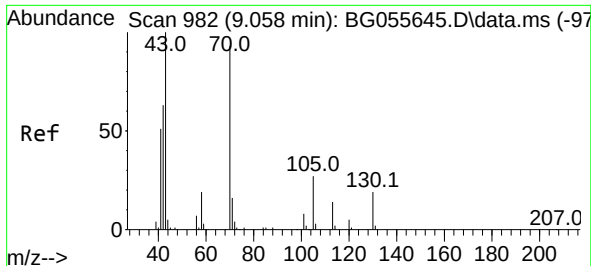
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#18
Hexachloroethane
Concen: 42.269 ng
RT: 9.264 min Scan# 1017
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

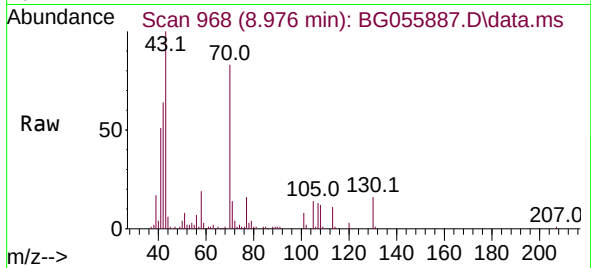
Tgt Ion:117 Resp: 29748
Ion Ratio Lower Upper
117 100
119 100.5 76.0 114.0
201 125.1 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.447 ng
RT: 8.976 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

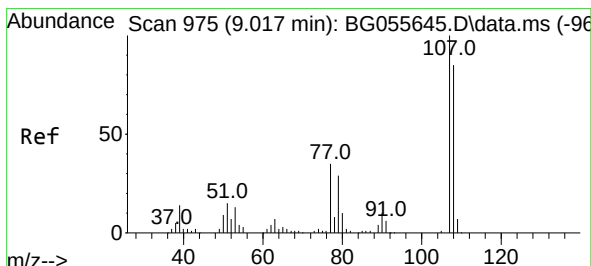
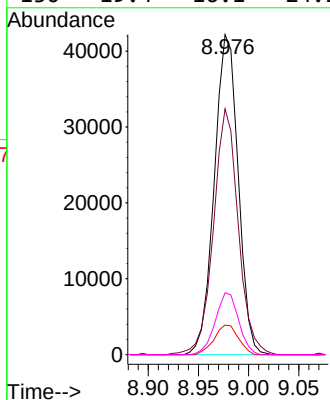
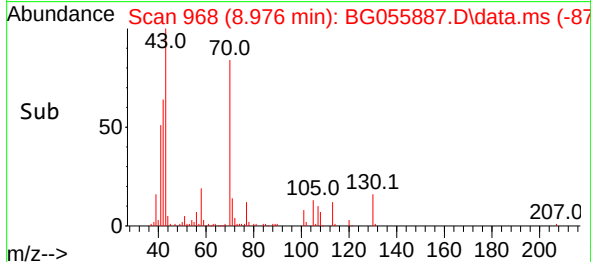
Instrument :
BNA_G
ClientSampleId :
ML-4MS



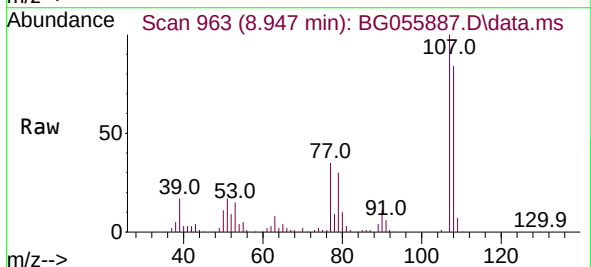
Tgt Ion: 70 Resp: 69982
Ion Ratio Lower Upper
70 100
42 76.8 55.2 82.8
101 9.2 7.1 10.7
130 19.4 16.1 24.1

Manual Integrations
APPROVED

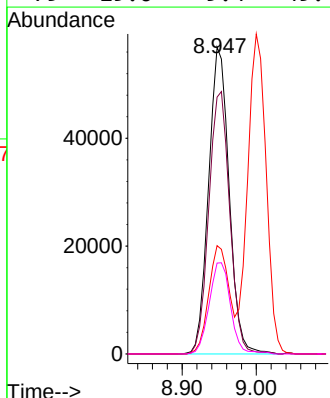
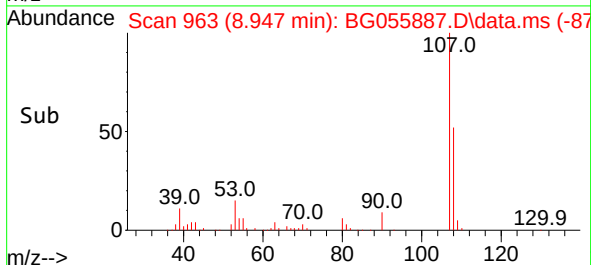
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

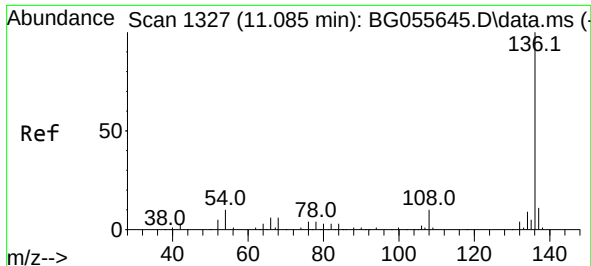


#20
3+4-Methylphenols
Concen: 49.161 ng
RT: 8.947 min Scan# 963
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion:107 Resp: 109408
Ion Ratio Lower Upper
107 100
108 83.7 65.5 105.5
77 35.3 14.6 54.6
79 29.6 9.4 49.4





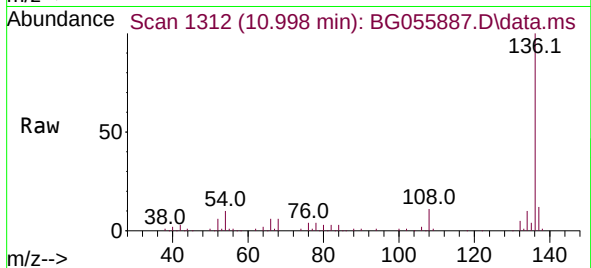
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.998 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

ML-4MS

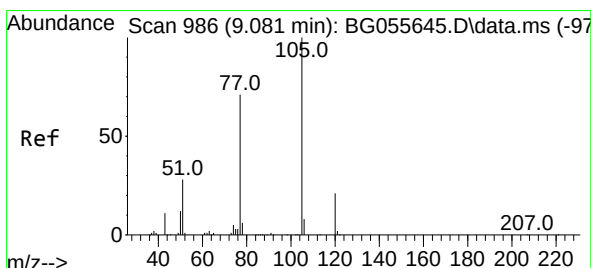
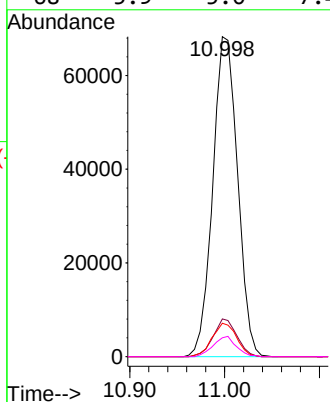
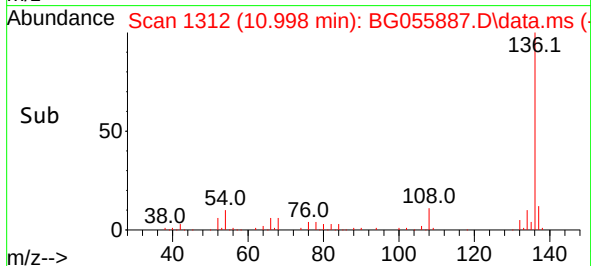


Tgt Ion:136 Resp: 124201
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 10.5 7.8 11.6
68 5.9 5.0 7.4

Manual Integrations

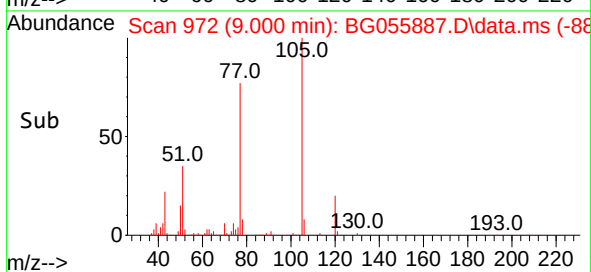
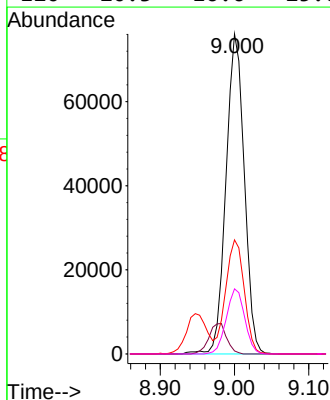
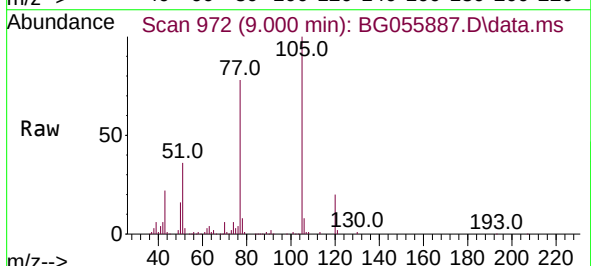
APPROVED

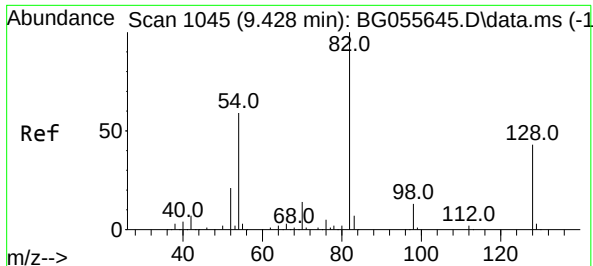
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#22
Acetophenone
Concen: 40.410 ng
RT: 9.000 min Scan# 972
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:105 Resp: 130418
Ion Ratio Lower Upper
105 100
71 0.9 0.6 1.0
51 35.6 24.5 36.7
120 20.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 70.407 ng

RT: 9.347 min Scan# 1031

Delta R.T. -0.004 min

Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

ML-4MS

Tgt Ion: 82 Resp: 165445

Ion Ratio Lower Upper

82 100

128 40.3 34.1 51.1

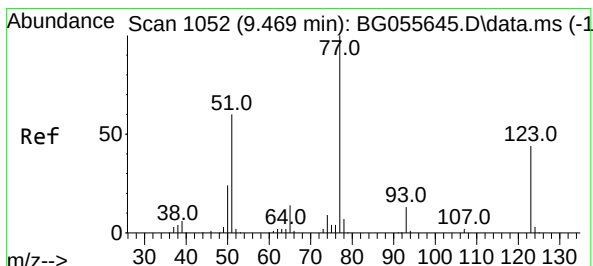
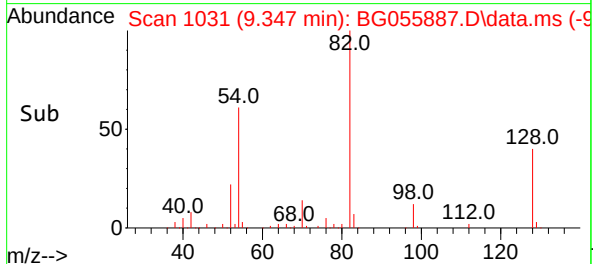
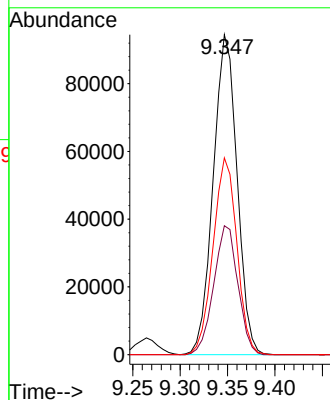
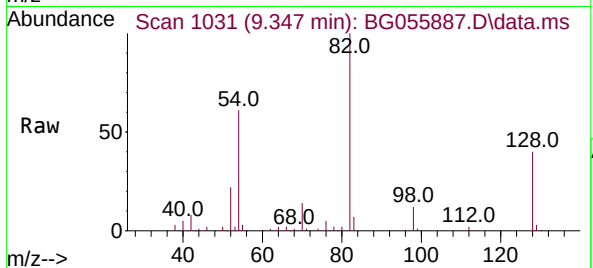
54 61.5 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#24

Nitrobenzene

Concen: 41.023 ng

RT: 9.394 min Scan# 1039

Delta R.T. 0.002 min

Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

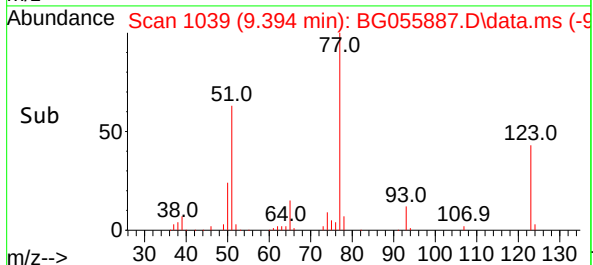
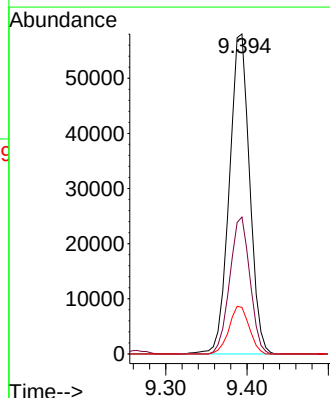
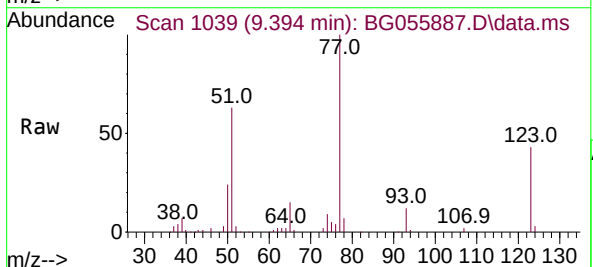
Tgt Ion: 77 Resp: 100689

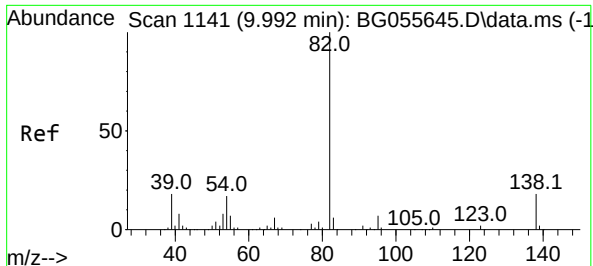
Ion Ratio Lower Upper

77 100

123 42.8 35.5 53.3

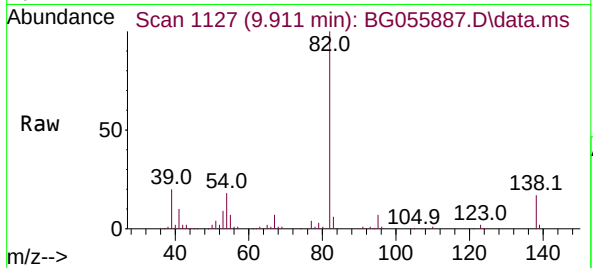
65 14.5 11.5 17.3





#25
Isophorone
Concen: 44.093 ng
RT: 9.911 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

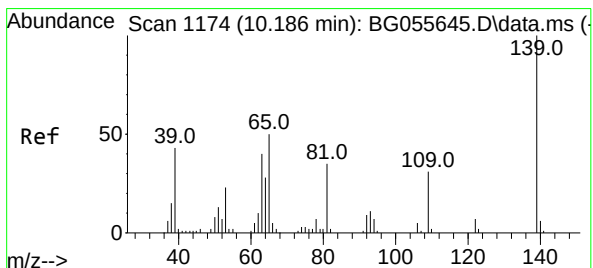
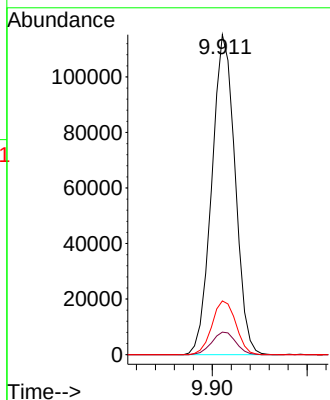
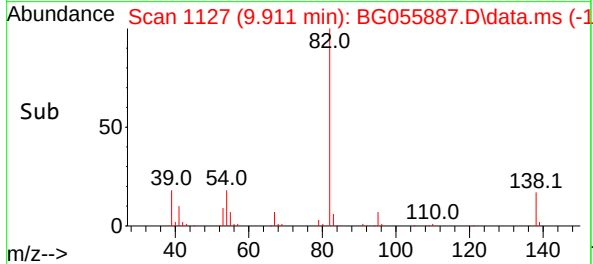
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion: 82 Resp: 196316
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.8 14.2 21.4

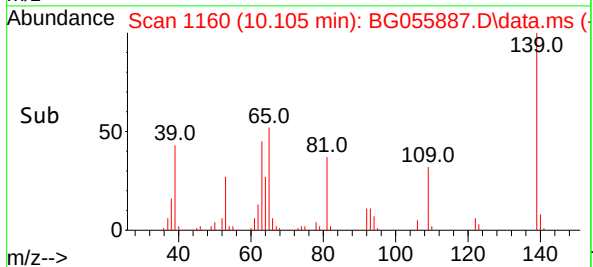
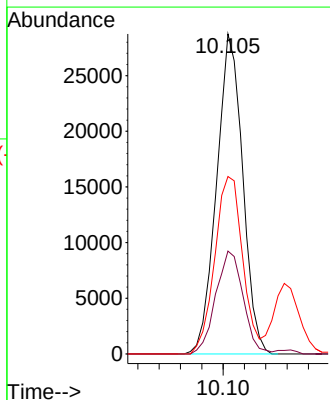
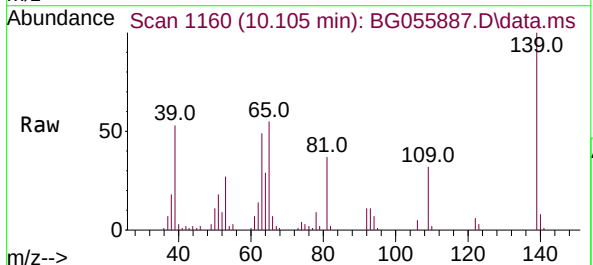
Manual Integrations
APPROVED

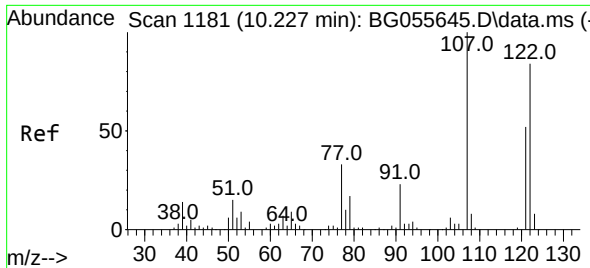
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#26
2-Nitrophenol
Concen: 43.104 ng
RT: 10.105 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

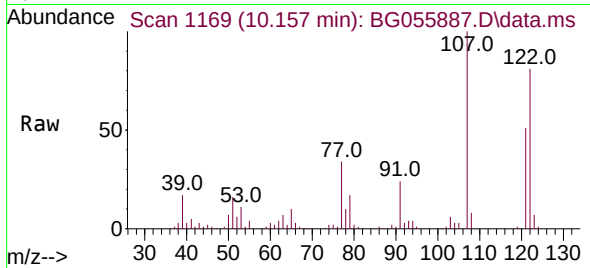
Tgt Ion:139 Resp: 48840
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 55.4 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 53.180 ng m
RT: 10.157 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

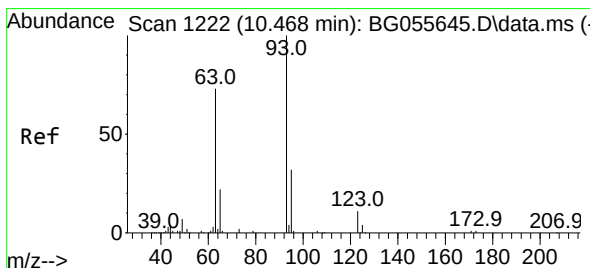
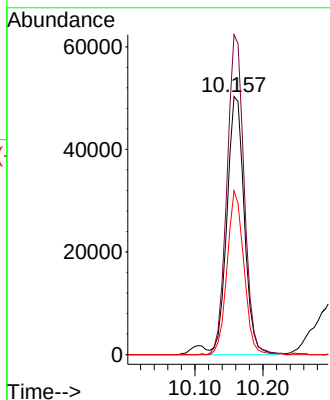
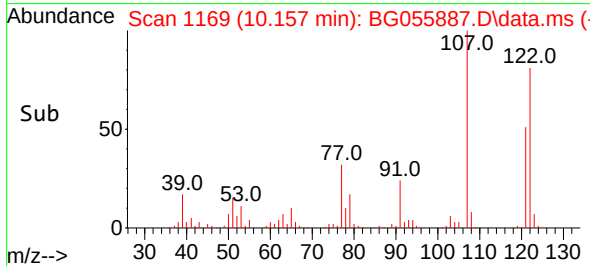
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:122 Resp: 91708
Ion Ratio Lower Upper
122 100
107 124.0 95.8 143.6
121 63.4 49.6 74.4

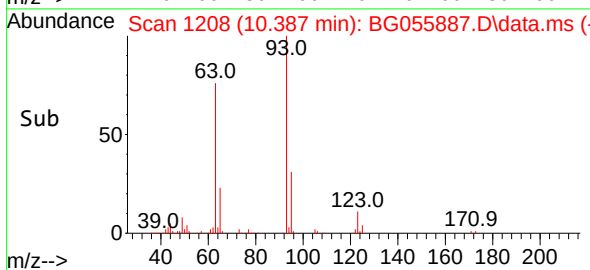
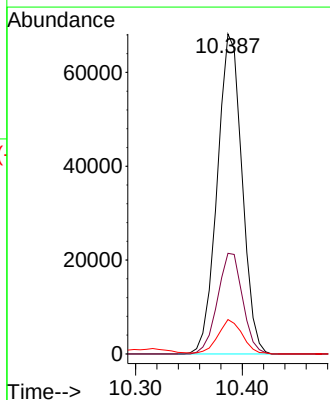
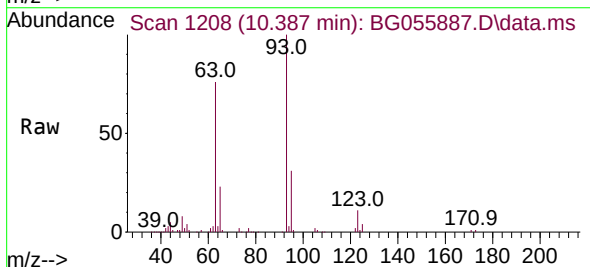
Manual Integrations
APPROVED

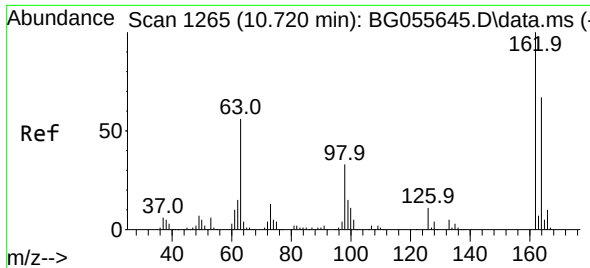
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.039 ng
RT: 10.387 min Scan# 1208
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

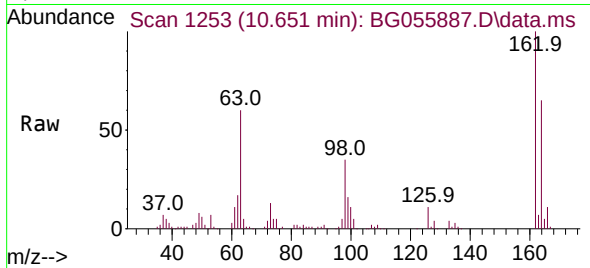
Tgt Ion: 93 Resp: 110044
Ion Ratio Lower Upper
93 100
95 31.5 25.7 38.5
123 10.7 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 46.298 ng
RT: 10.651 min Scan# 1253
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

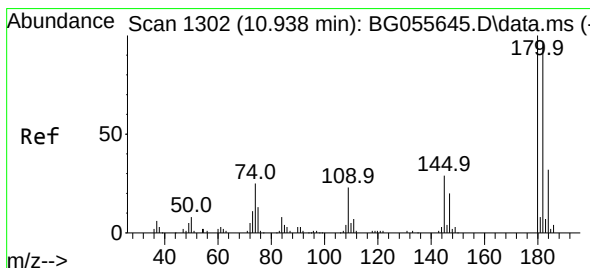
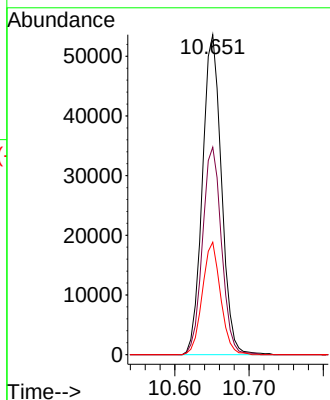
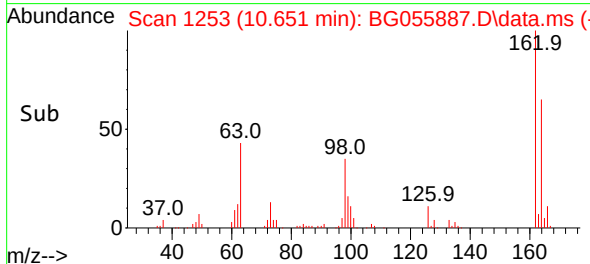
Instrument :
BNA_G
ClientSampleId :
ML-4MS



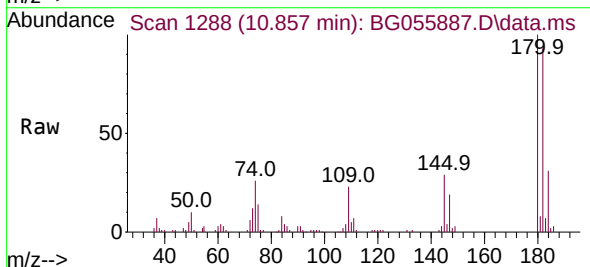
Tgt Ion:162 Resp: 95562
Ion Ratio Lower Upper
162 100
164 64.8 46.7 86.7
98 35.2 12.8 52.8

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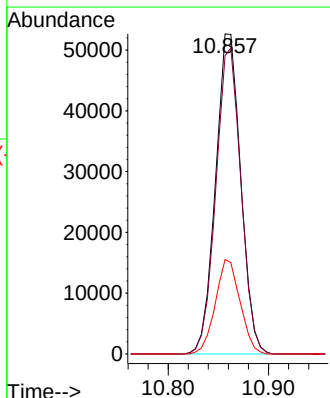
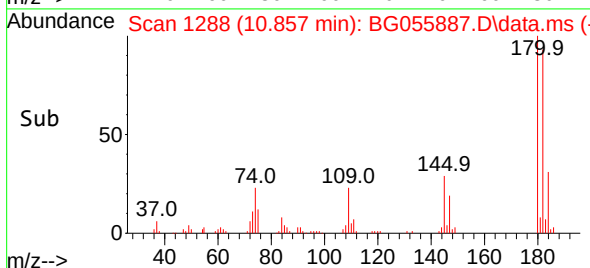
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

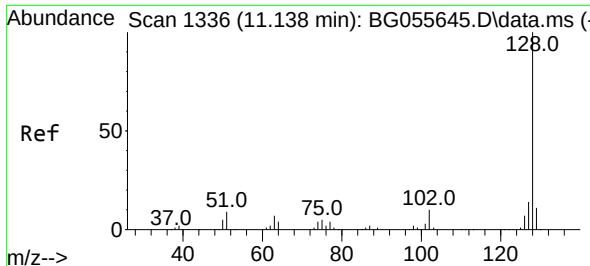


#30
1,2,4-Trichlorobenzene
Concen: 38.281 ng
RT: 10.857 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



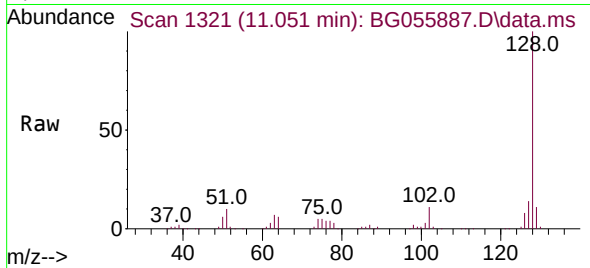
Tgt Ion:180 Resp: 91798
Ion Ratio Lower Upper
180 100
182 93.2 77.1 115.7
145 29.5 22.9 34.3





#31
Naphthalene
Concen: 39.507 ng
RT: 11.051 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

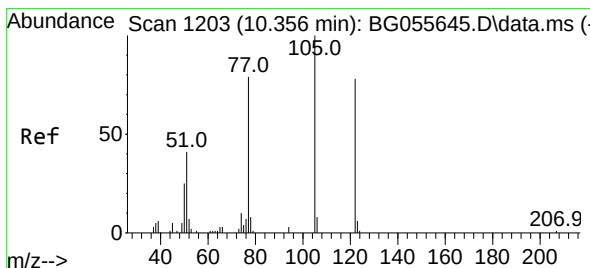
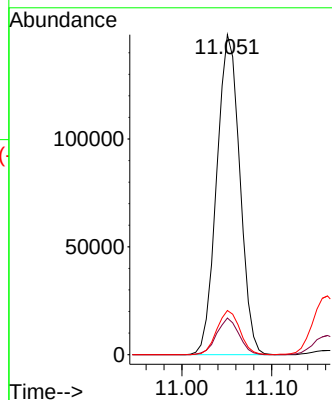
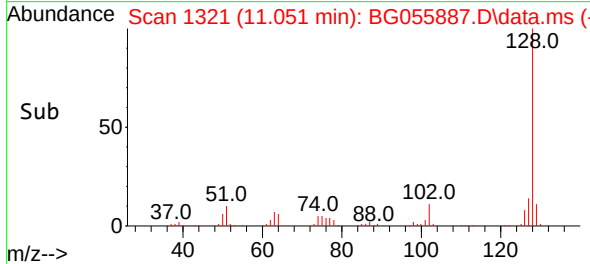
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:128 Resp: 26525
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.8 10.9 16.3

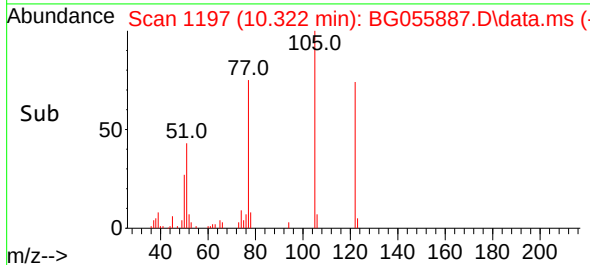
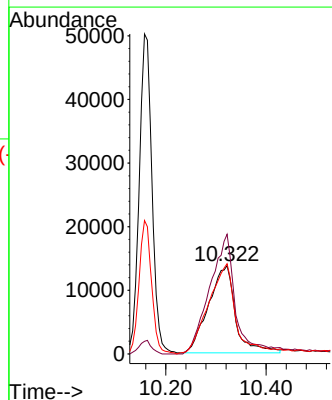
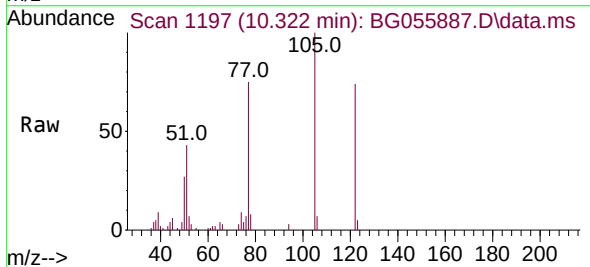
Manual Integrations
APPROVED

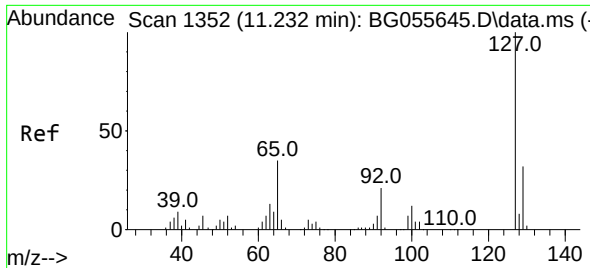
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#32
Benzoic acid
Concen: 35.955 ng
RT: 10.322 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:122 Resp: 51013
Ion Ratio Lower Upper
122 100
105 135.7 104.3 144.3
77 102.2 79.9 119.9





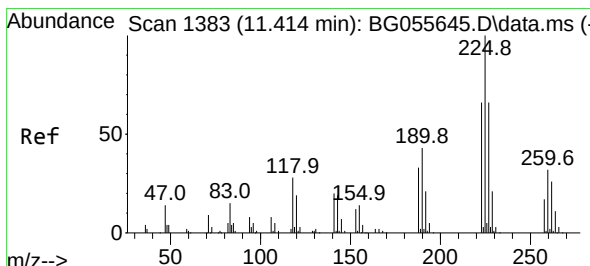
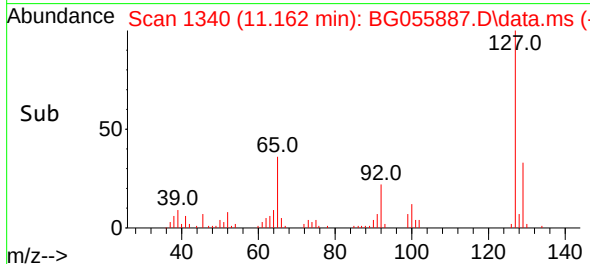
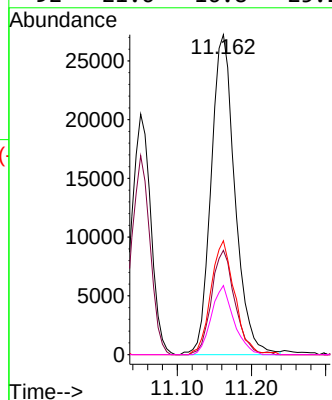
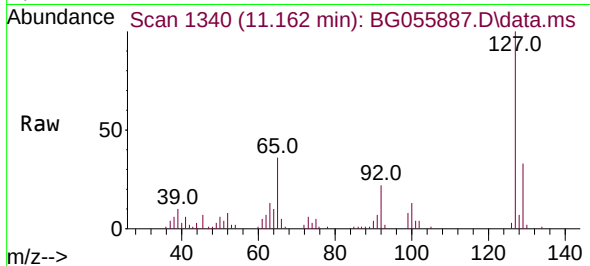
#33
4-Chloroaniline
Concen: 21.937 ng
RT: 11.162 min Scan# 1352
Delta R.T. 0.008 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :
ML-4MS

Tgt Ion:127	Resp: 6075
Ion Ratio	Lower Upper
127 100	
129 32.6	25.9 38.9
65 35.6	27.9 41.9
92 21.6	16.8 25.2

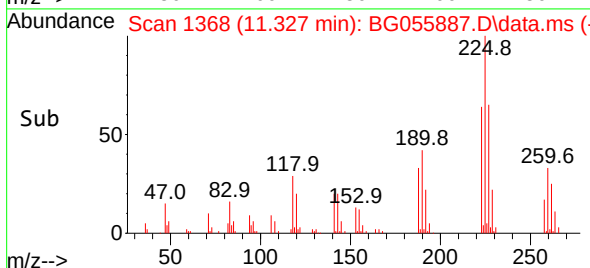
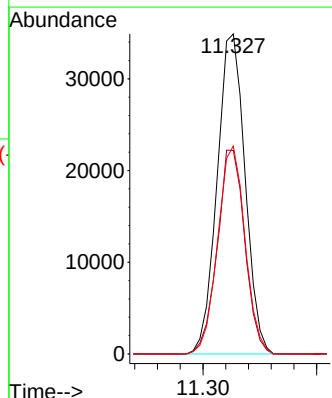
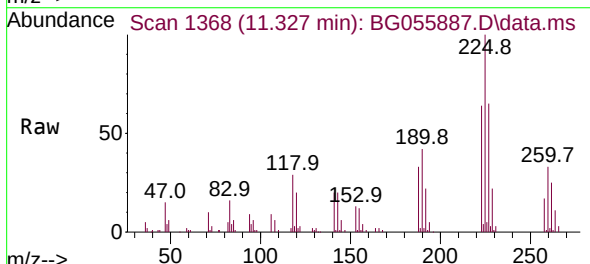
Manual Integrations
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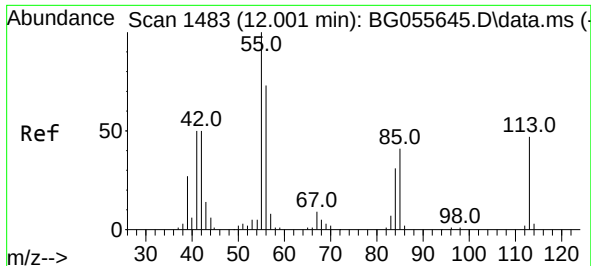
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#34
Hexachlorobutadiene
Concen: 36.311 ng
RT: 11.327 min Scan# 1368
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:225	Resp: 59456
Ion Ratio	Lower Upper
225 100	
223 63.6	52.9 79.3
227 65.0	52.6 79.0





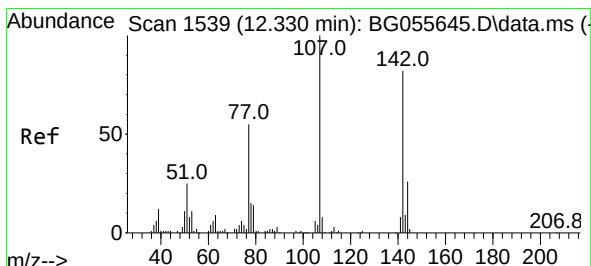
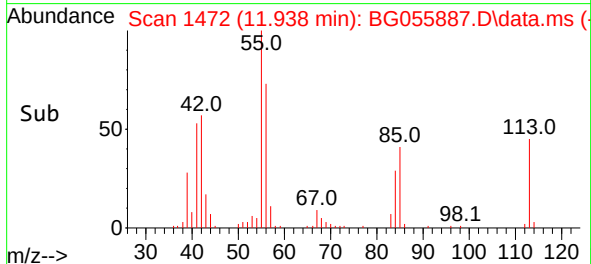
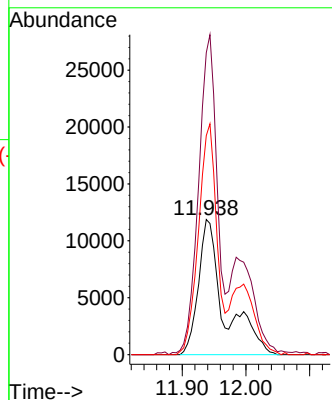
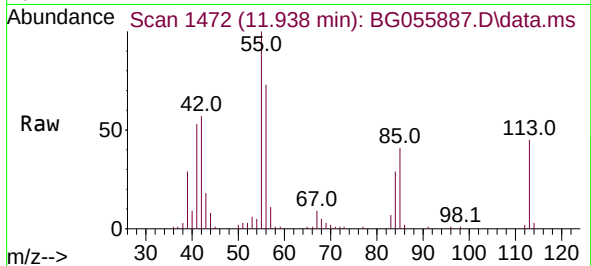
#35
Caprolactam
Concen: 46.688 ng m
RT: 11.938 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :
ML-4MS

Tgt Ion:113 Resp: 33348
Ion Ratio Lower Upper
113 100
55 223.4 193.5 233.5
56 162.0 135.2 175.2

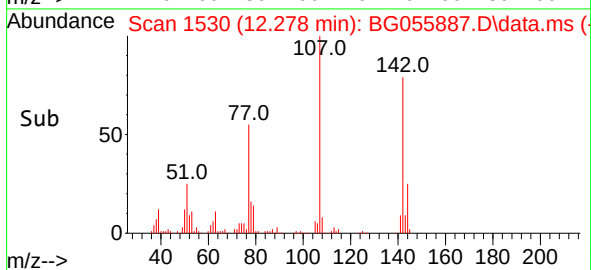
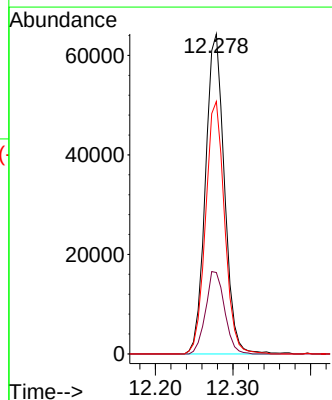
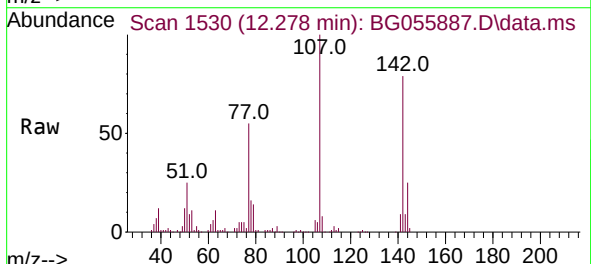
Manual Integrations
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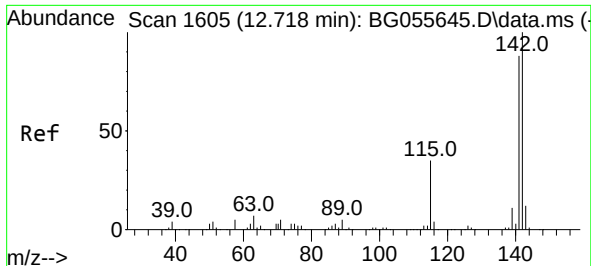
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#36
4-Chloro-3-methylphenol
Concen: 47.957 ng
RT: 12.278 min Scan# 1530
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:107 Resp: 108795
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 78.9 65.9 98.9





#37

2-Methylnaphthalene

Concen: 41.374 ng

RT: 12.643 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

ML-4MS

Tgt Ion:142 Resp: 207995

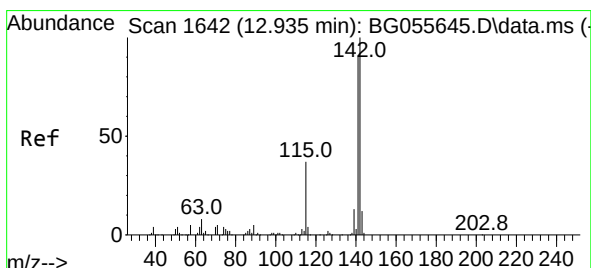
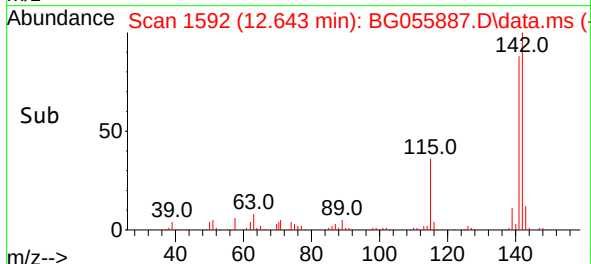
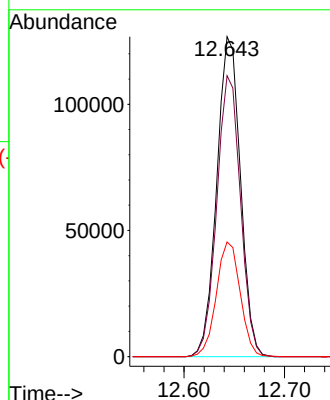
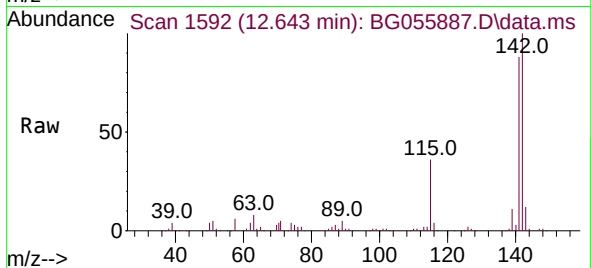
Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	35.8	27.9	41.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#38

1-Methylnaphthalene

Concen: 40.273 ng

RT: 12.860 min Scan# 1629

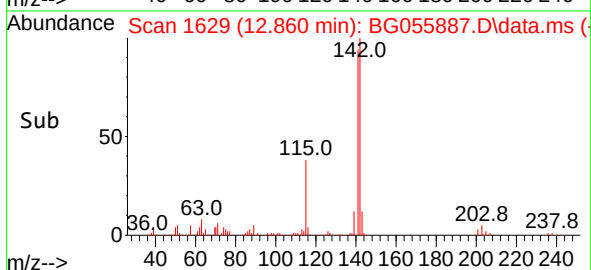
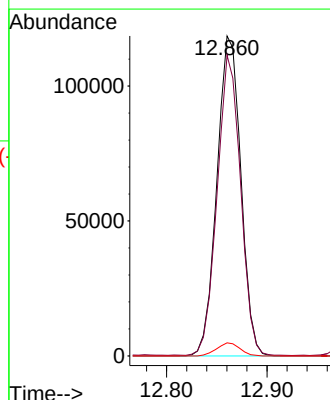
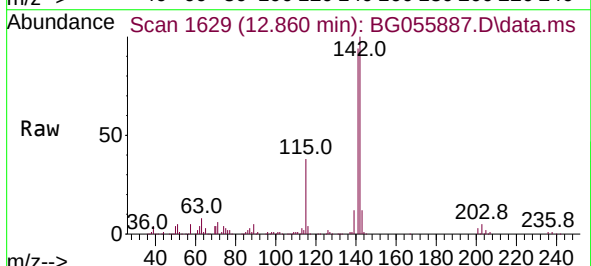
Delta R.T. -0.004 min

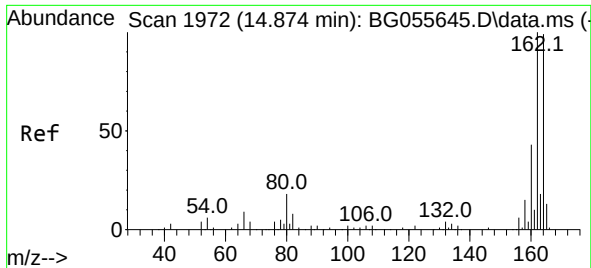
Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

Tgt Ion:142 Resp: 196544

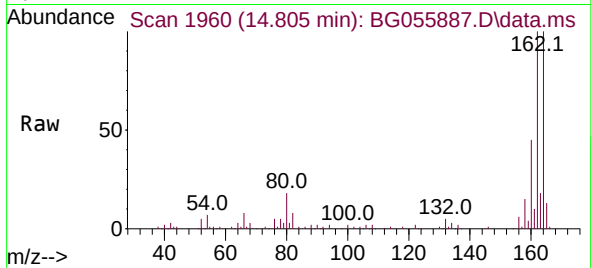
Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.0	109.4
116	4.1	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.805 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

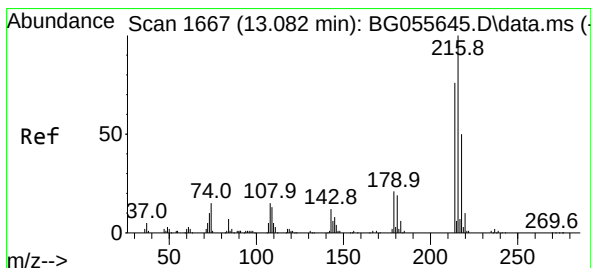
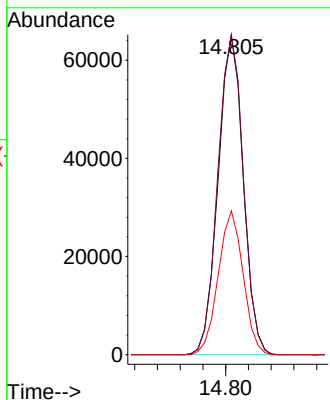
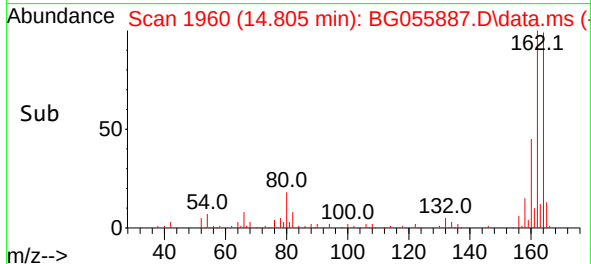
Instrument :
BNA_G
ClientSampleId :
ML-4MS



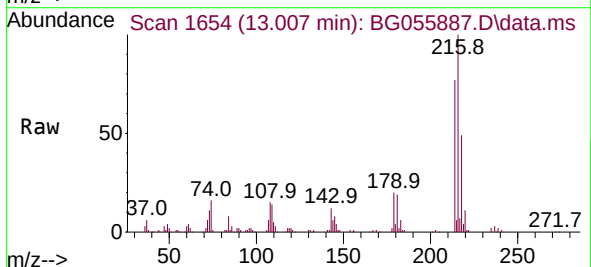
Tgt Ion:164 Resp: 99744
Ion Ratio Lower Upper
164 100
162 100.3 81.1 121.7
160 45.0 34.8 52.2

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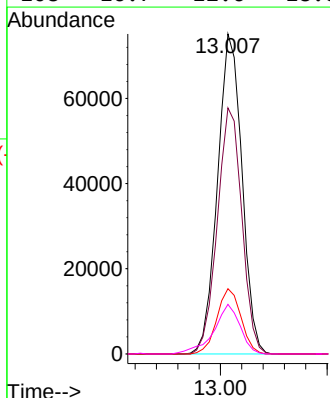
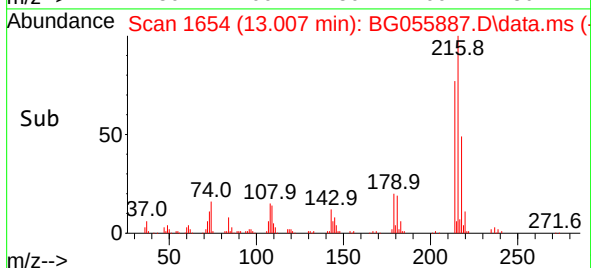
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

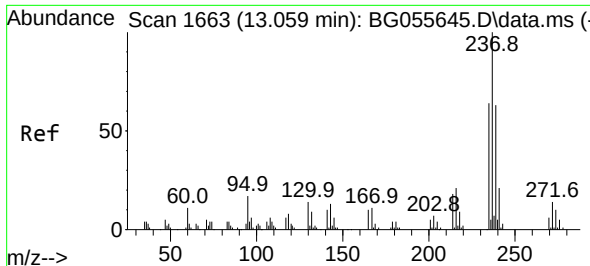


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.147 ng
RT: 13.007 min Scan# 1654
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



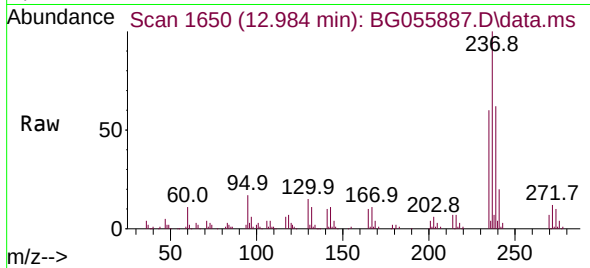
Tgt Ion:216 Resp: 119571
Ion Ratio Lower Upper
216 100
214 77.1 62.1 93.1
179 20.1 16.5 24.7
108 16.7 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 55.882 ng
RT: 12.984 min Scan# 1663
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

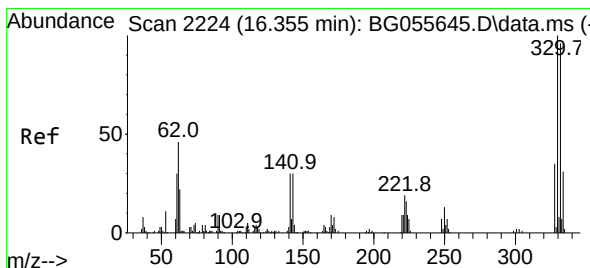
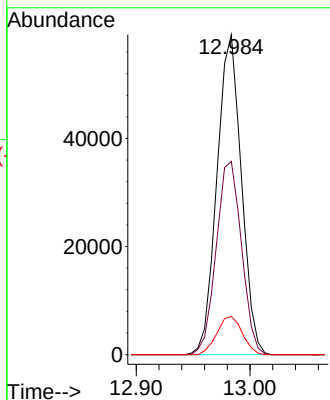
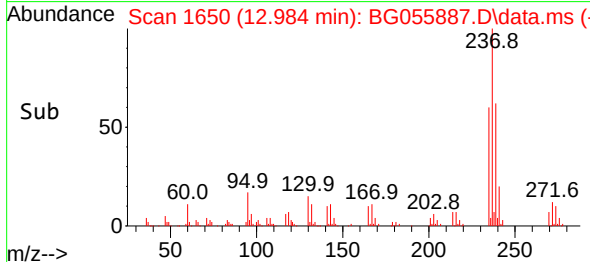
Instrument :
BNA_G
ClientSampleId :
ML-4MS



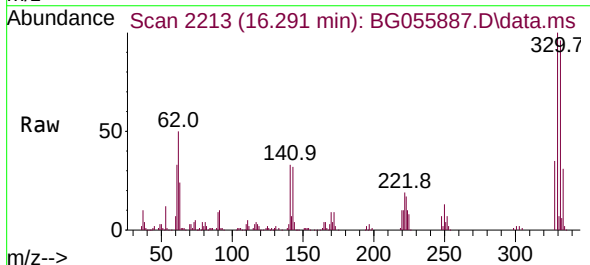
Tgt Ion:237 Resp: 88283
Ion Ratio Lower Upper
237 100
235 60.4 43.7 83.7
272 11.9 0.0 33.6

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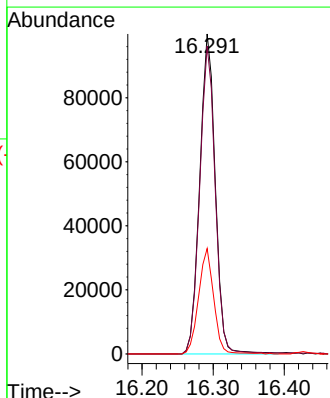
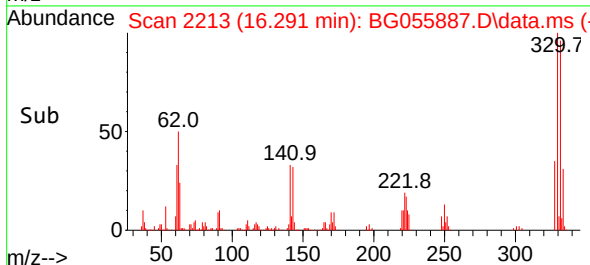
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

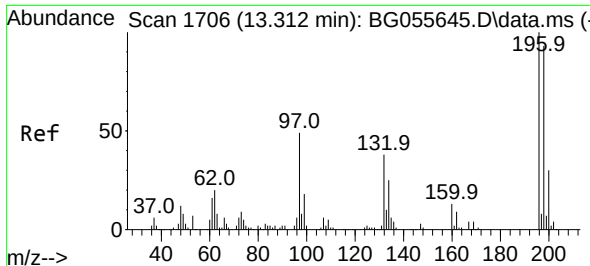


#42
2,4,6-Tribromophenol
Concen: 107.485 ng
RT: 16.291 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



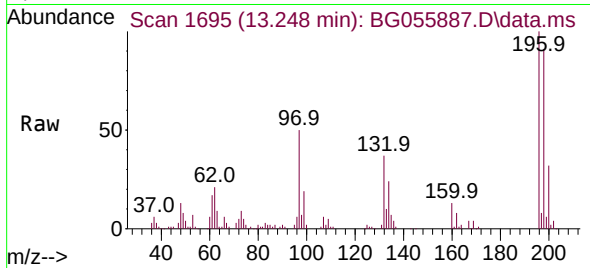
Tgt Ion:330 Resp: 150965
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 32.0 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 40.095 ng
RT: 13.248 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

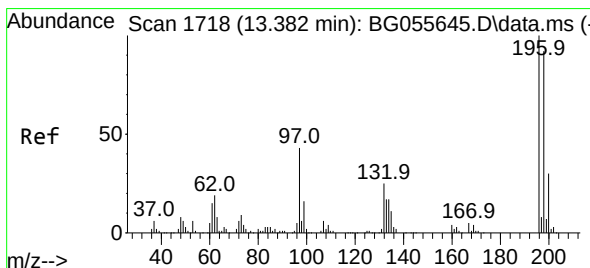
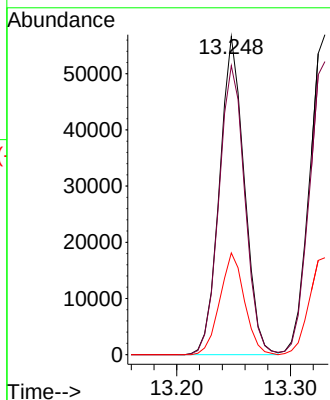
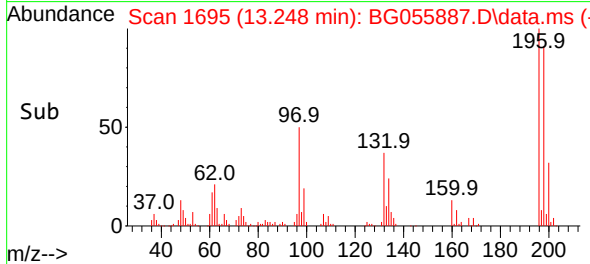
Instrument :
BNA_G
ClientSampleId :
ML-4MS



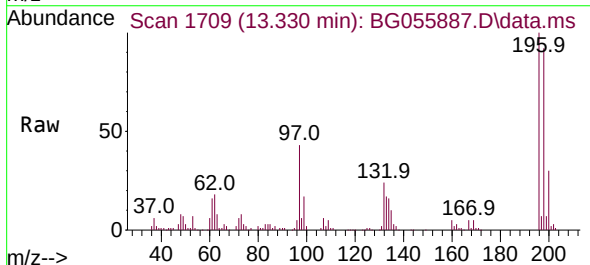
Tgt Ion:196 Resp: 85729
Ion Ratio Lower Upper
196 100
198 90.9 74.6 112.0
200 32.0 23.7 35.5

Manual Integrations
APPROVED

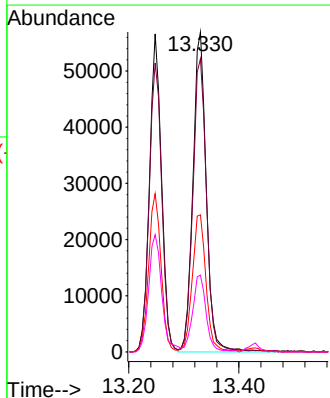
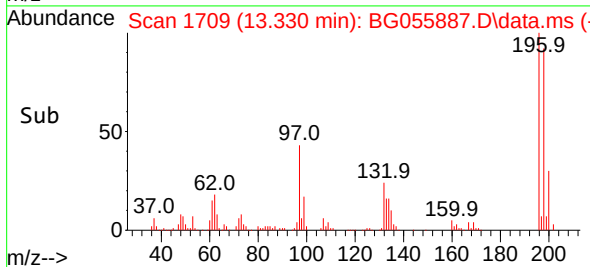
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

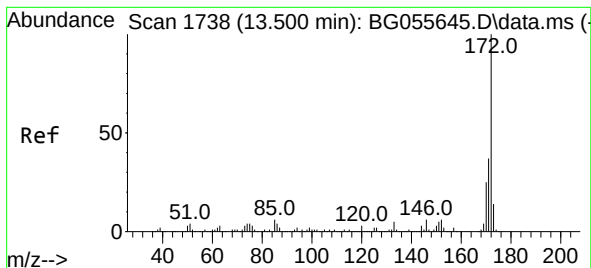


#44
2,4,5-Trichlorophenol
Concen: 40.943 ng
RT: 13.330 min Scan# 1709
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



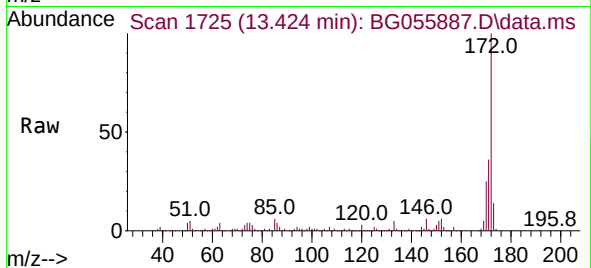
Tgt Ion:196 Resp: 96203
Ion Ratio Lower Upper
196 100
198 91.6 74.1 111.1
97 42.8 34.8 52.2
132 24.0 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 63.244 ng
RT: 13.424 min Scan# 1717
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

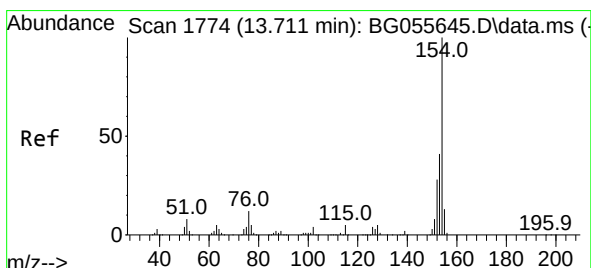
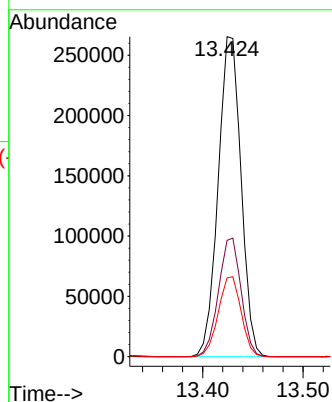
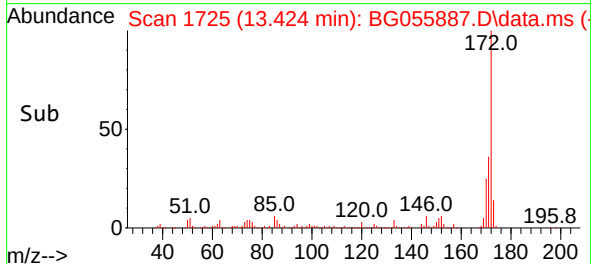
Instrument :
BNA_G
ClientSampleId :
ML-4MS



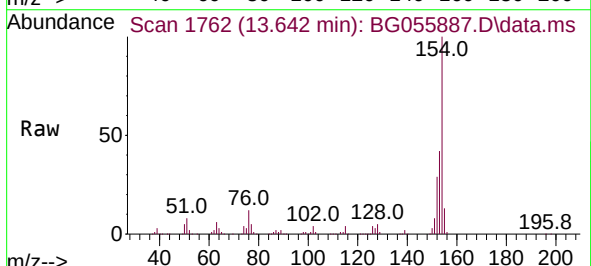
Tgt Ion:172 Resp: 421076
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.6 20.2 30.4

Manual Integrations
APPROVED

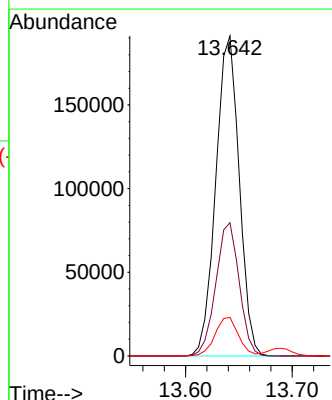
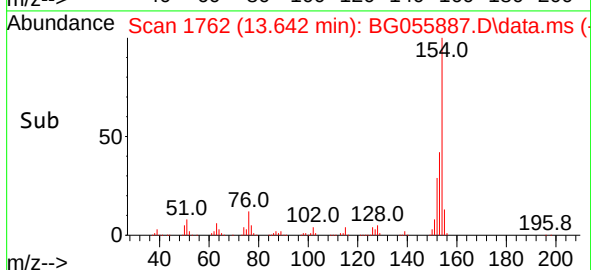
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

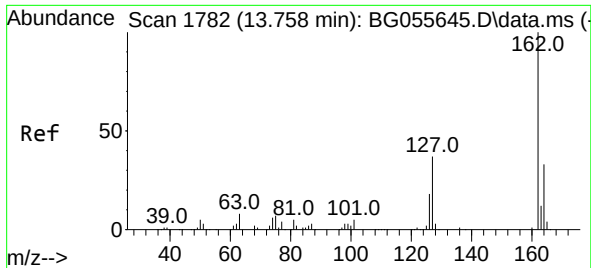


#46
1,1'-Biphenyl
Concen: 40.171 ng
RT: 13.642 min Scan# 1762
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



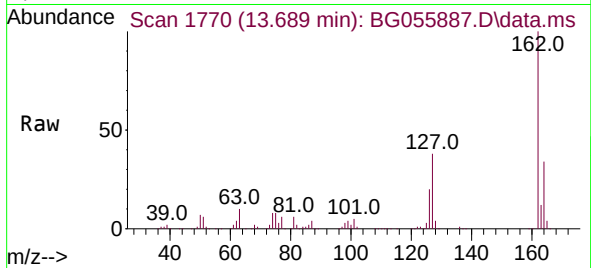
Tgt Ion:154 Resp: 291980
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 12.1 0.0 32.4





#47
2-Chloronaphthalene
Concen: 39.046 ng
RT: 13.689 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

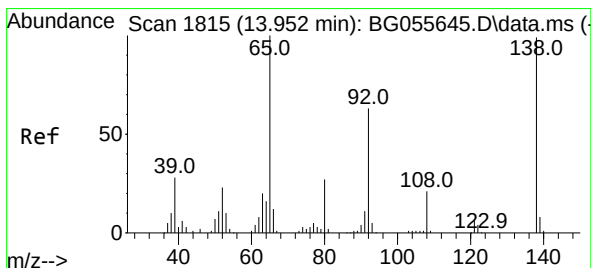
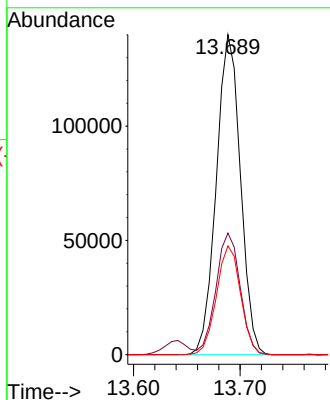
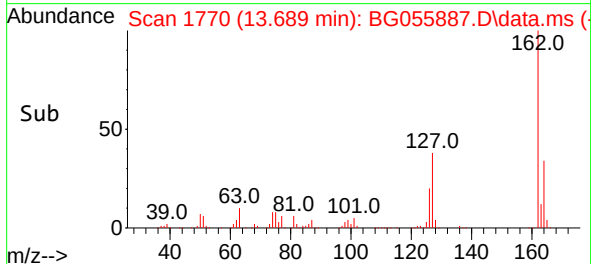
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:162 Resp: 220595
Ion Ratio Lower Upper
162 100
127 38.0 29.9 44.9
164 34.0 26.4 39.6

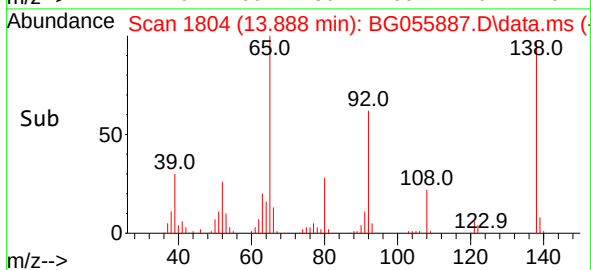
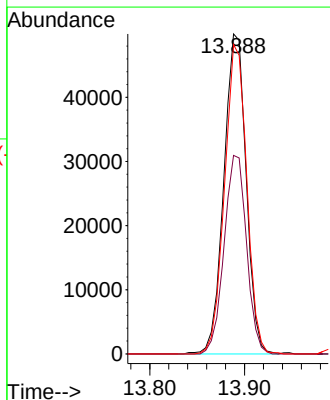
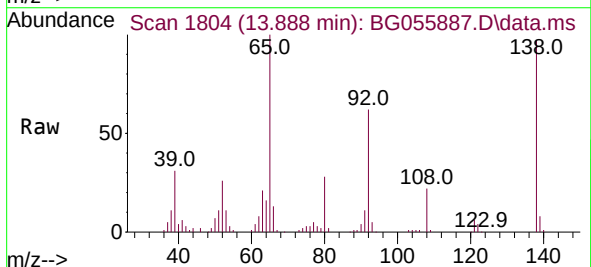
Manual Integrations
APPROVED

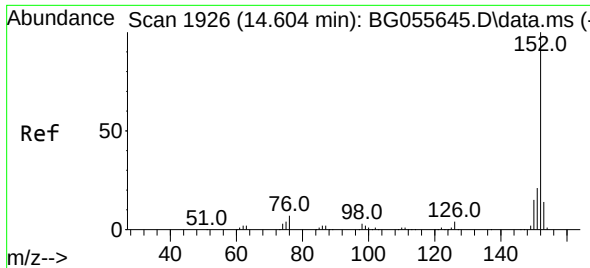
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#48
2-Nitroaniline
Concen: 43.883 ng
RT: 13.888 min Scan# 1804
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

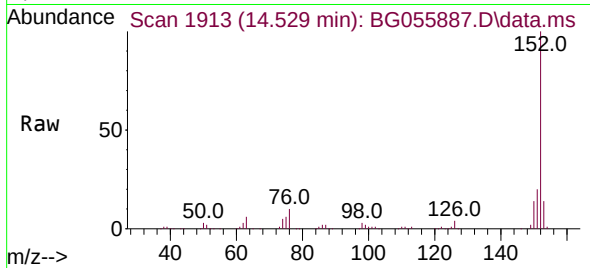
Tgt Ion: 65 Resp: 81510
Ion Ratio Lower Upper
65 100
92 62.0 50.1 75.1
138 96.7 79.4 119.0





#49
Acenaphthylene
Concen: 40.172 ng
RT: 14.529 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

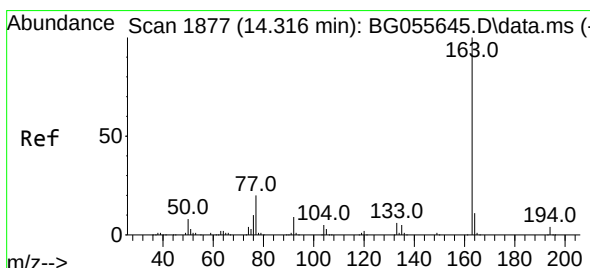
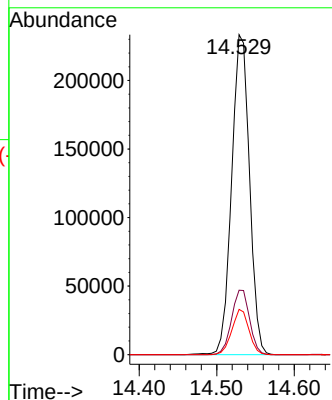
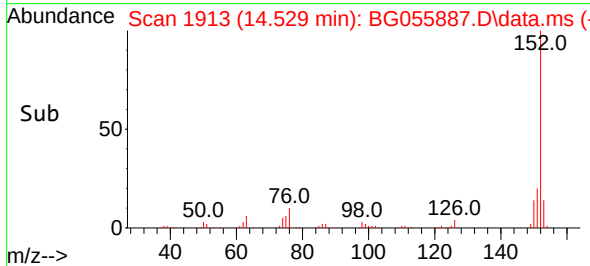
Instrument :
BNA_G
ClientSampleId :
ML-4MS



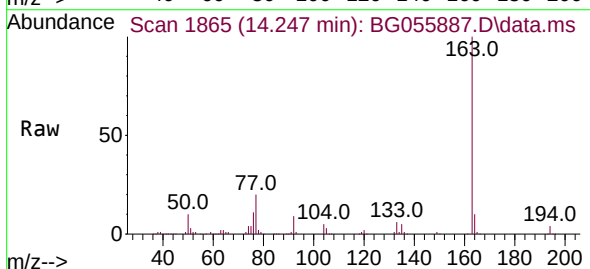
Tgt Ion:152 Resp: 373728
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.1 11.0 16.4

Manual Integrations
APPROVED

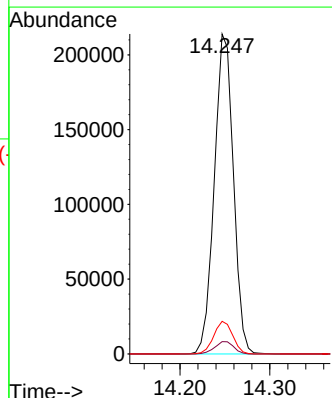
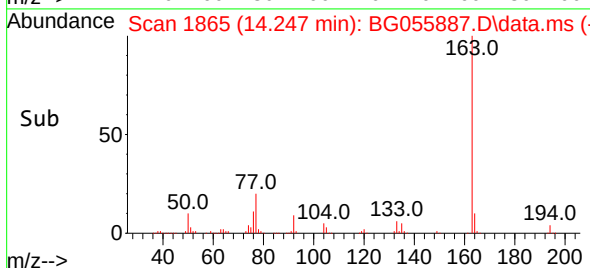
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

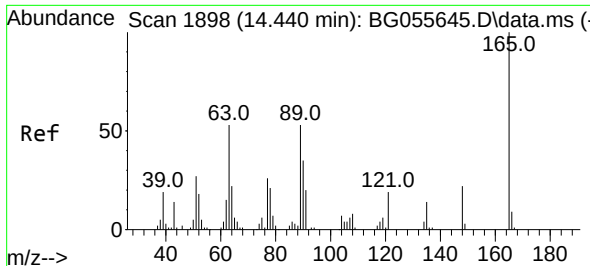


#50
Dimethylphthalate
Concen: 39.798 ng
RT: 14.247 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



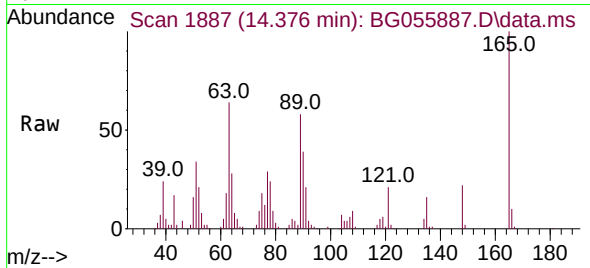
Tgt Ion:163 Resp: 316442
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 41.524 ng
RT: 14.376 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

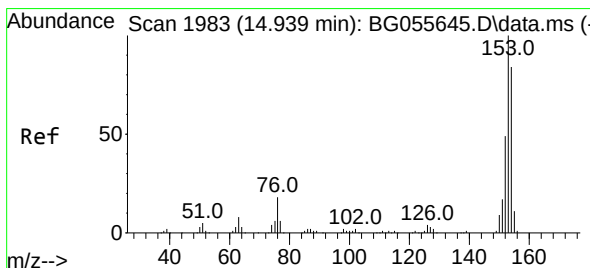
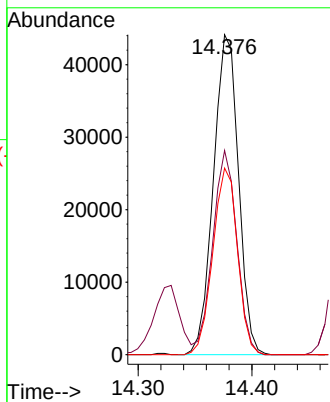
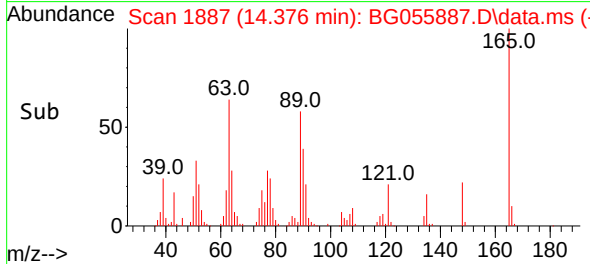
Instrument :
BNA_G
ClientSampleId :
ML-4MS



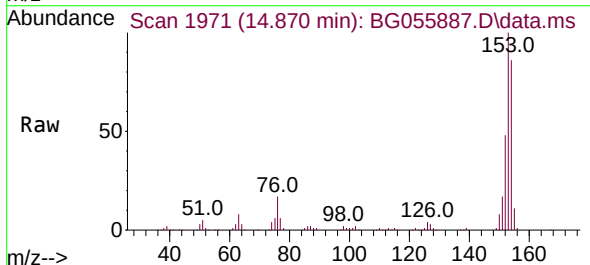
Tgt Ion:165 Resp: 67509
Ion Ratio Lower Upper
165 100
63 63.8 44.6 66.8
89 58.3 42.2 63.4

Manual Integrations
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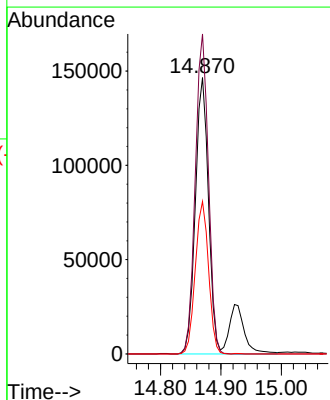
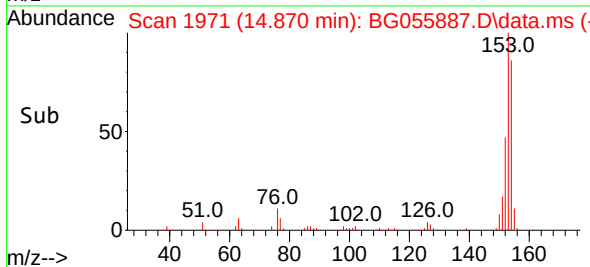
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

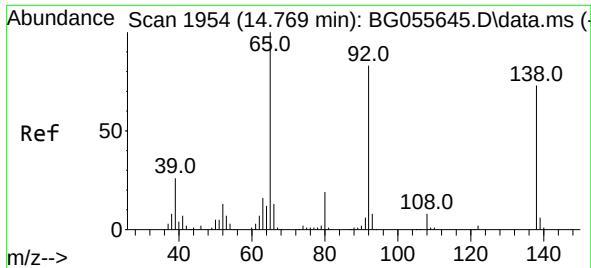


#52
Acenaphthene
Concen: 43.604 ng m
RT: 14.870 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



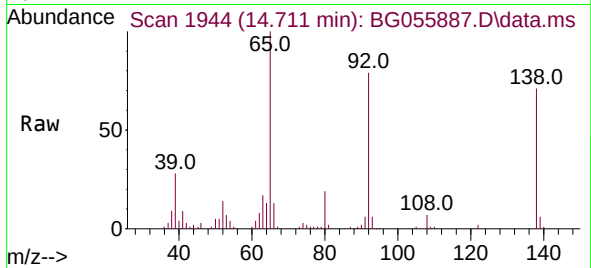
Tgt Ion:154 Resp: 265124
Ion Ratio Lower Upper
154 100
153 115.9 95.0 142.4
152 55.2 46.1 69.1





#53
3-Nitroaniline
Concen: 23.047 ng
RT: 14.711 min Scan# 1944
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

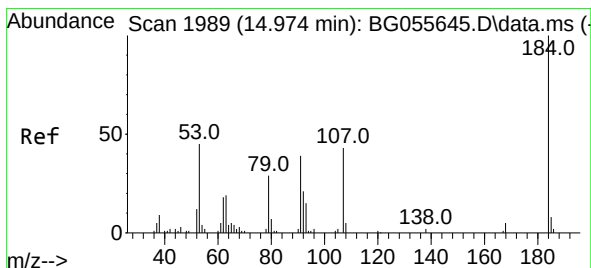
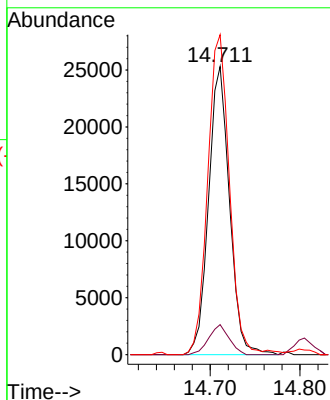
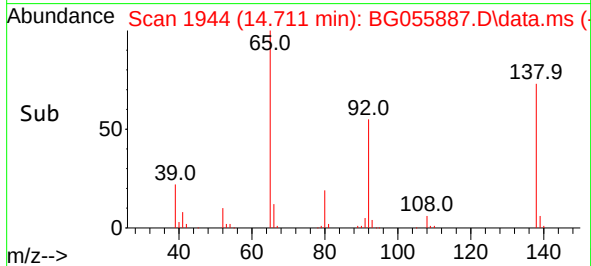
Instrument :
BNA_G
ClientSampleId :
ML-4MS



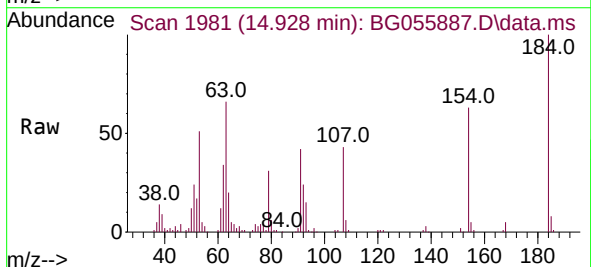
Tgt Ion:138 Resp: 41133
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 111.1 91.0 136.6

Manual Integrations
APPROVED

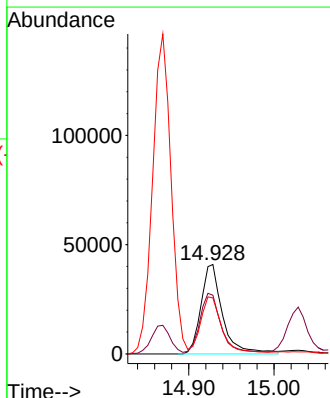
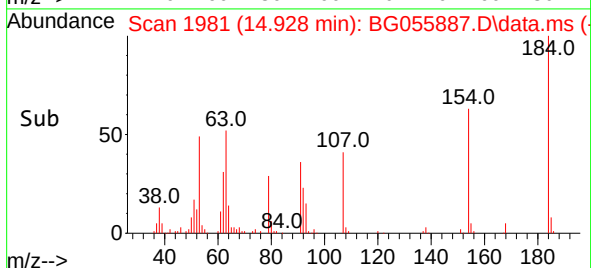
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

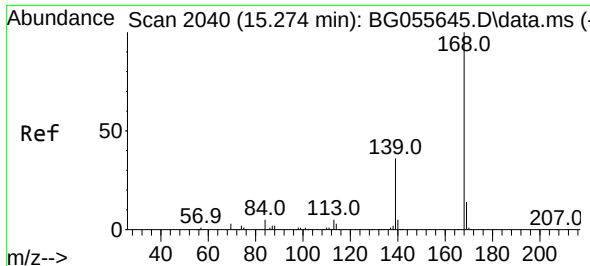


#54
2,4-Dinitrophenol
Concen: 76.836 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



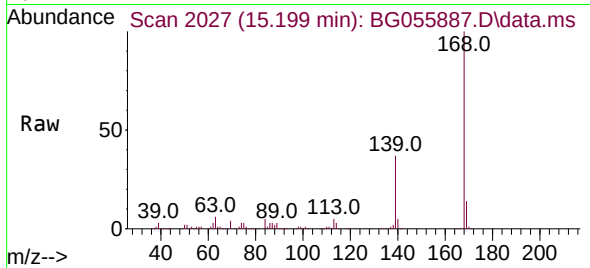
Tgt Ion:184 Resp: 71823
Ion Ratio Lower Upper
184 100
63 65.7 49.5 74.3
154 62.6 52.0 78.0





#55
Dibenzofuran
Concen: 39.757 ng
RT: 15.199 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

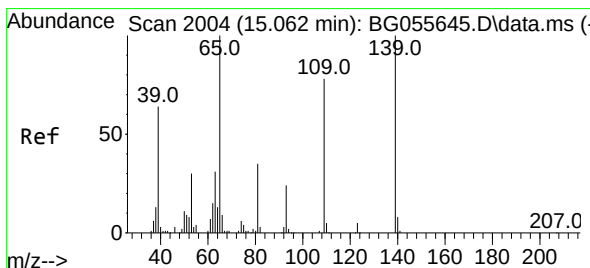
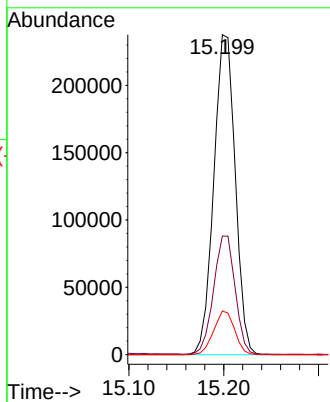
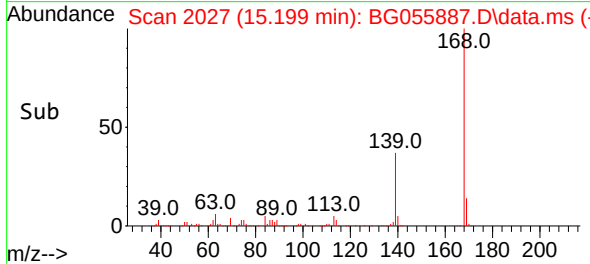
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:168 Resp: 372915
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 13.6 11.0 16.4

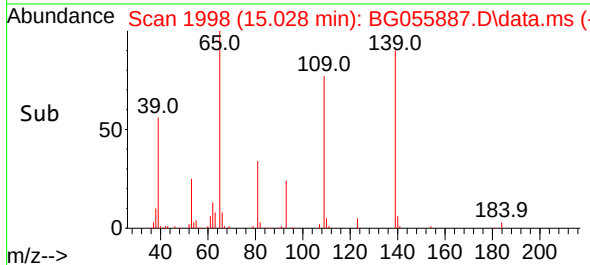
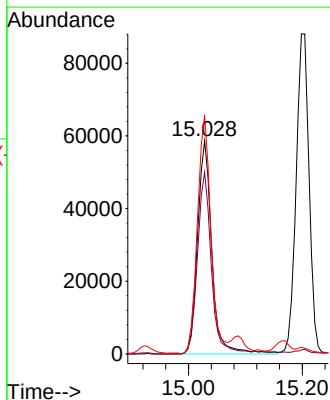
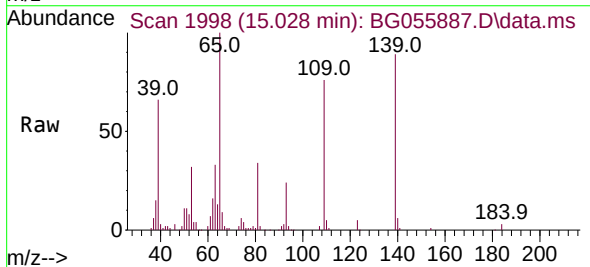
Manual Integrations
APPROVED

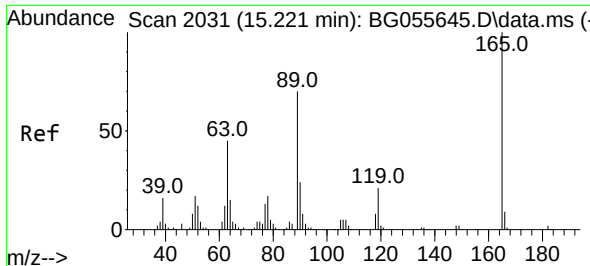
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#56
4-Nitrophenol
Concen: 72.629 ng
RT: 15.028 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:139 Resp: 101734
Ion Ratio Lower Upper
139 100
109 85.3 58.6 98.6
65 111.9 80.5 120.5





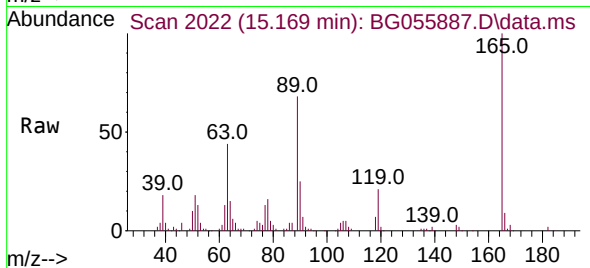
#57
2,4-Dinitrotoluene
Concen: 42.220 ng
RT: 15.169 min Scan# 2031
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

ML-4MS

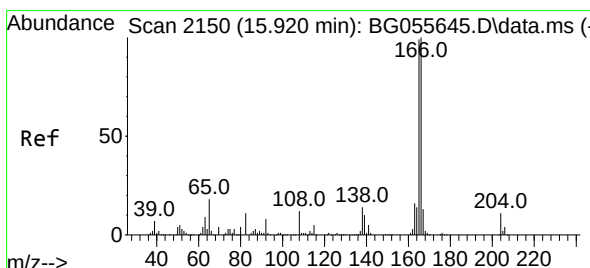
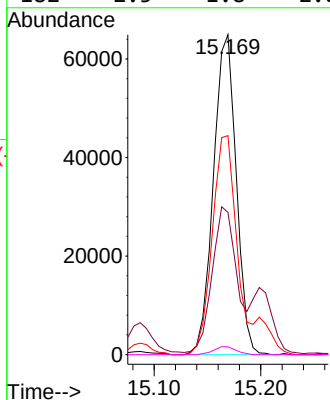
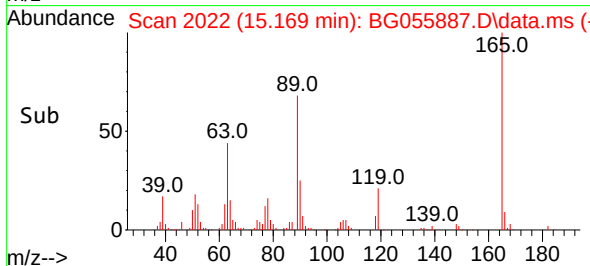


Tgt Ion:165 Resp: 96776
Ion Ratio Lower Upper
165 100
63 44.5 35.8 53.8
89 68.4 56.2 84.4
182 2.5 1.8 2.8

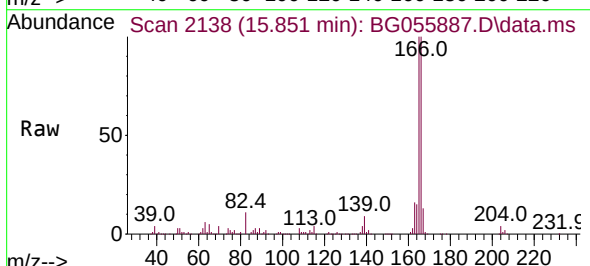
Manual Integrations

APPROVED

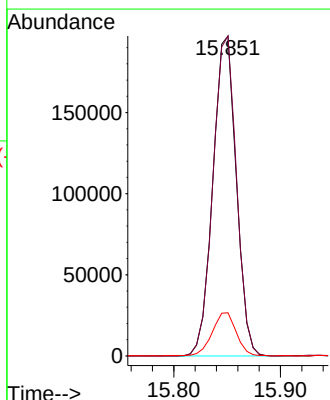
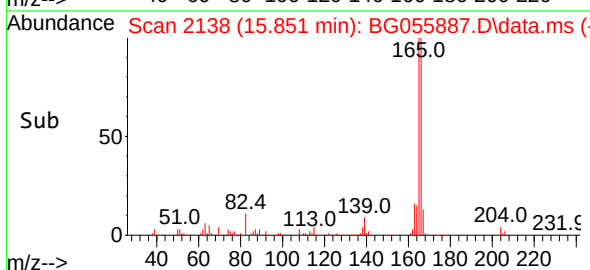
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

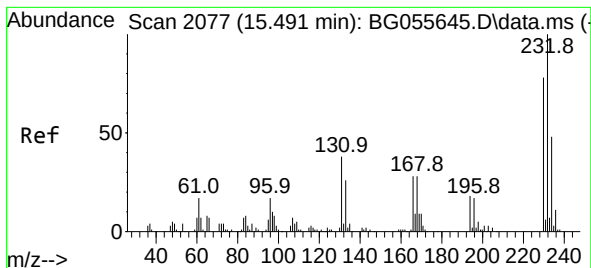


#58
Fluorene
Concen: 40.128 ng
RT: 15.851 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion:166 Resp: 300628
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.533 ng
RT: 15.428 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

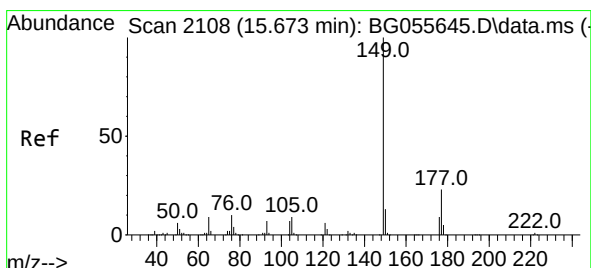
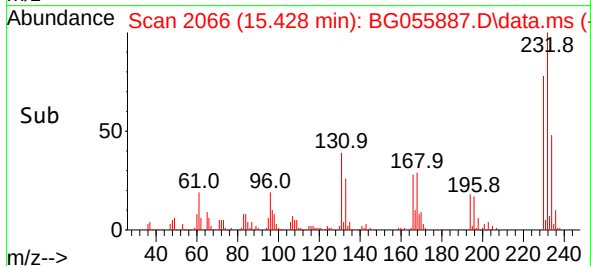
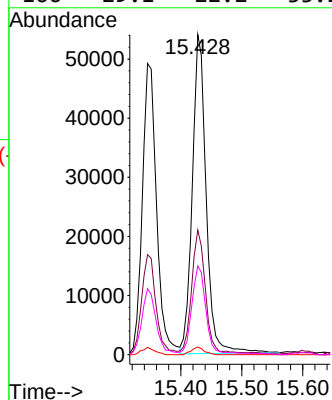
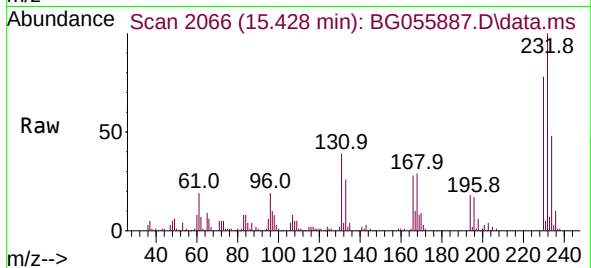
ML-4MS

Tgt Ion:232 Resp: 85453
Ion Ratio Lower Upper
232 100
131 37.7 29.8 44.8
130 2.2 1.7 2.5
166 29.1 22.2 33.2

Manual Integrations

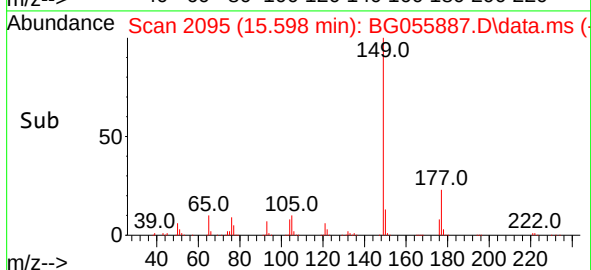
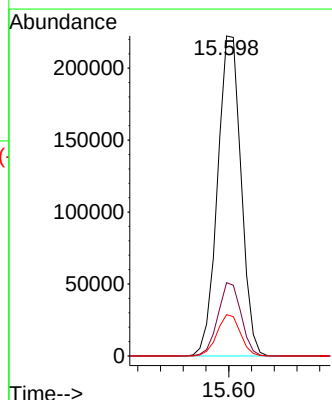
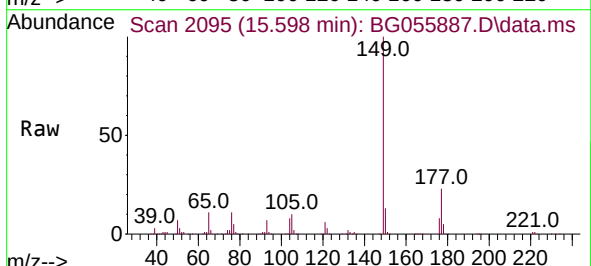
APPROVED

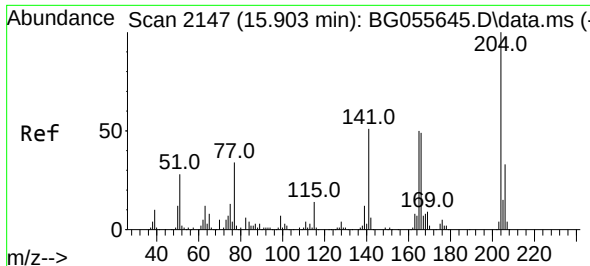
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#60
Diethylphthalate
Concen: 39.713 ng
RT: 15.598 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

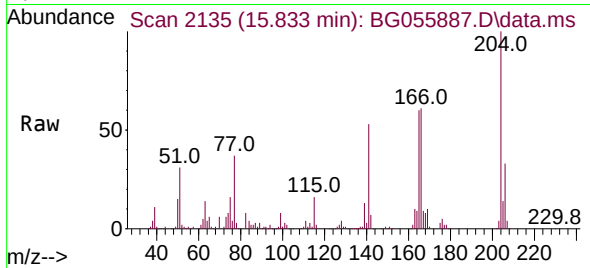
Tgt Ion:149 Resp: 319251
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.860 ng
RT: 15.833 min Scan# 2147
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

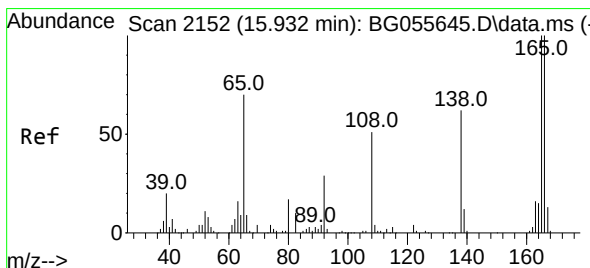
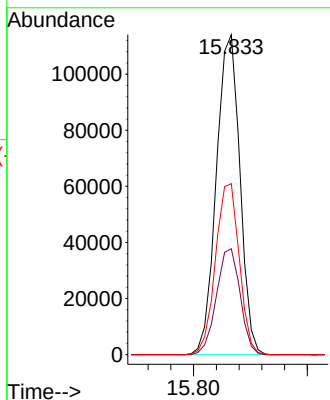
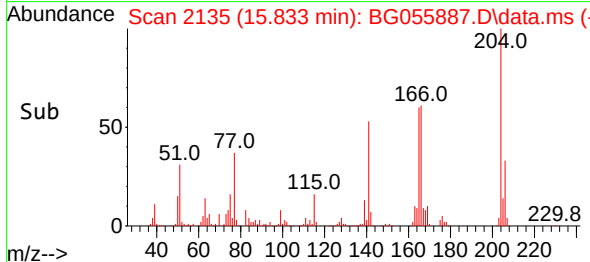
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:204 Resp: 164150
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 53.4 40.6 61.0

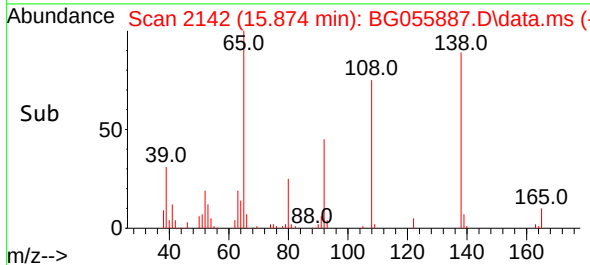
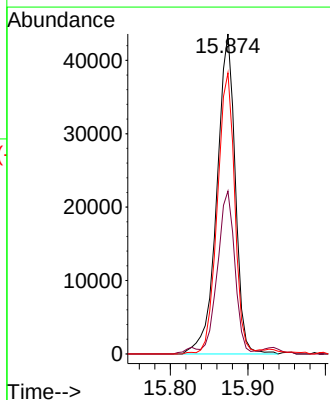
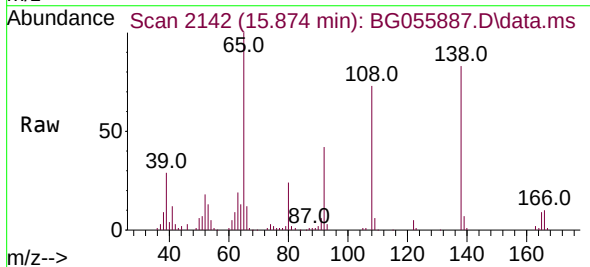
Manual Integrations
APPROVED

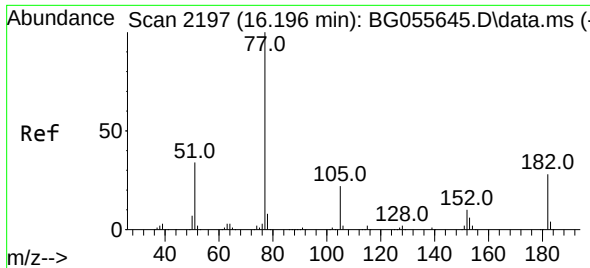
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#62
4-Nitroaniline
Concen: 38.523 ng
RT: 15.874 min Scan# 2142
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

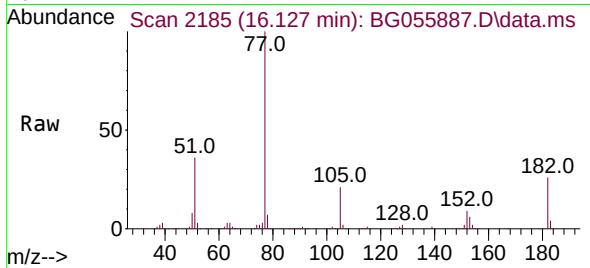
Tgt Ion:138 Resp: 71869
Ion Ratio Lower Upper
138 100
92 50.9 27.3 67.3
108 87.8 62.8 102.8





#63
Azobenzene
Concen: 42.070 ng
RT: 16.127 min Scan# 2197
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

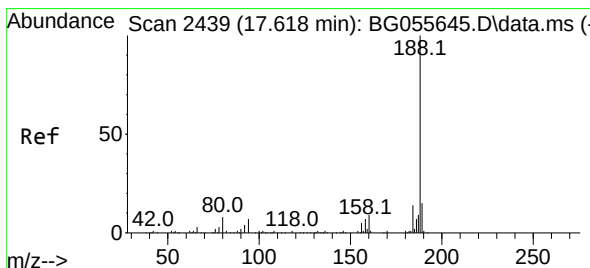
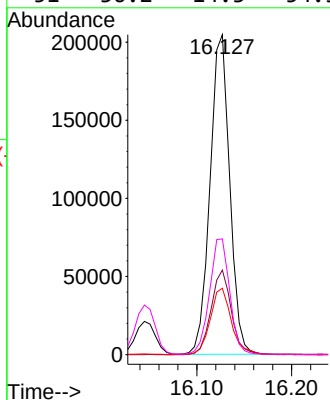
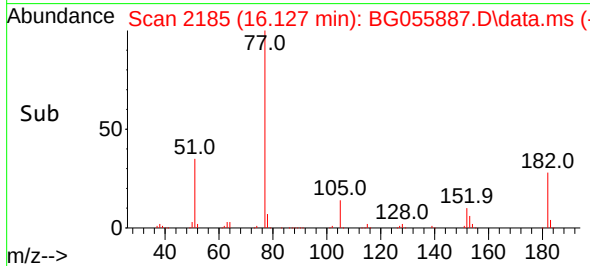
Instrument :
BNA_G
ClientSampleId :
ML-4MS



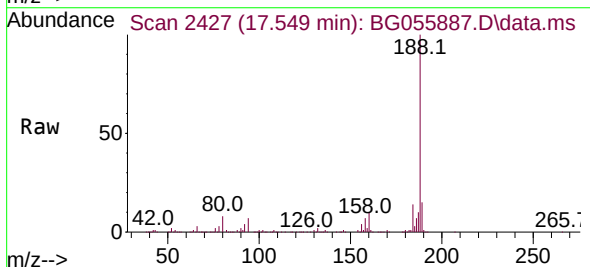
Tgt Ion: 77 Resp: 295261
Ion Ratio Lower Upper
77 100
182 26.4 8.1 48.1
105 20.7 1.8 41.8
51 36.2 14.3 54.3

Manual Integrations
APPROVED

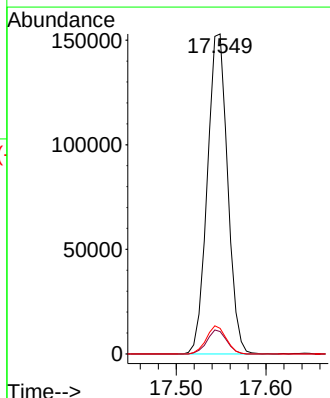
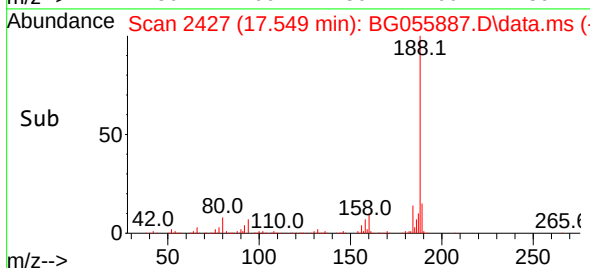
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

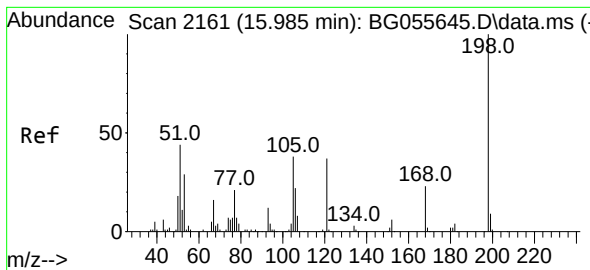


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.549 min Scan# 2427
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion:188 Resp: 239610
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.0 6.6 10.0





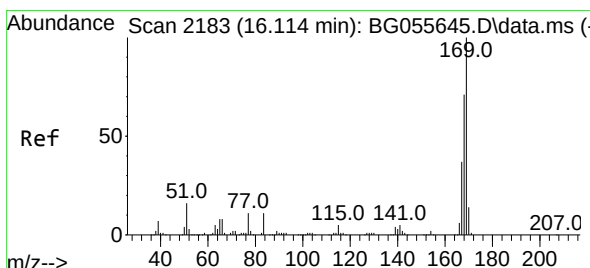
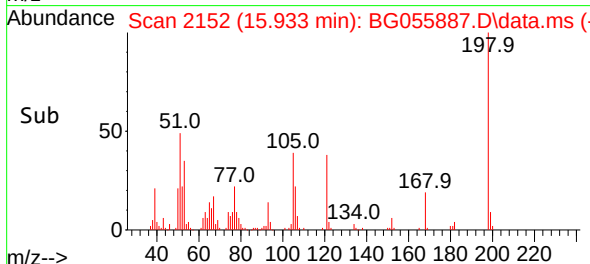
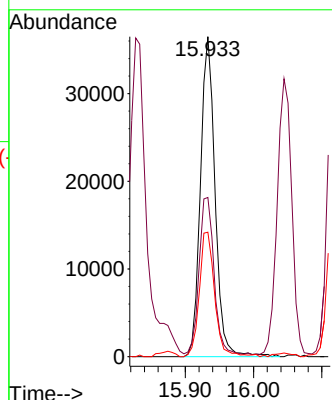
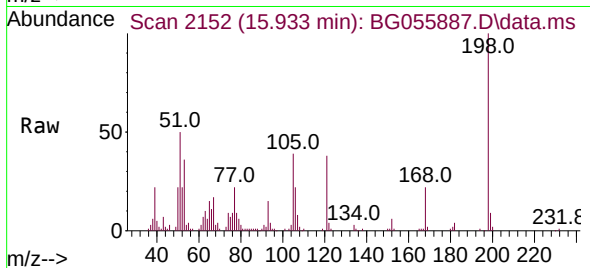
#65
4,6-Dinitro-2-methylphenol
Concen: 40.709 ng
RT: 15.933 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :
ML-4MS

Tgt Ion:198 Resp: 54462
Ion Ratio Lower Upper
198 100
51 49.7 27.7 67.7
105 38.9 19.3 59.3

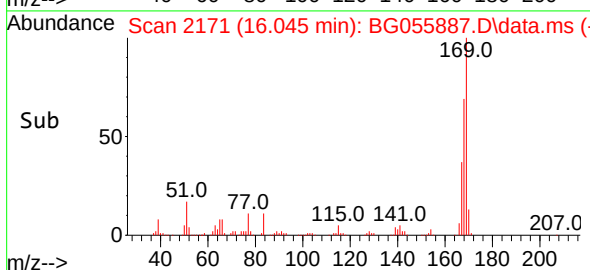
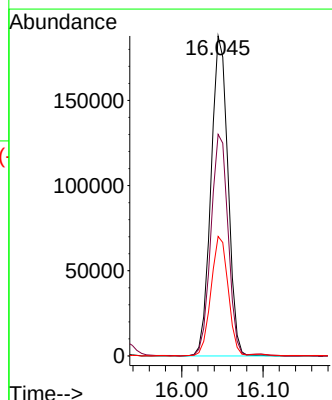
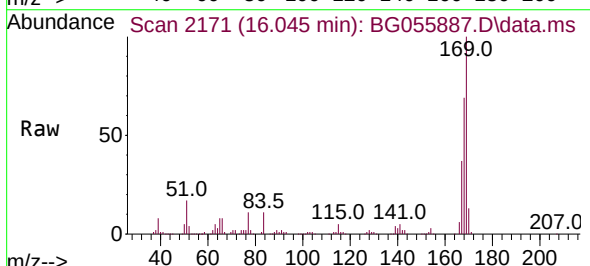
Manual Integrations
APPROVED

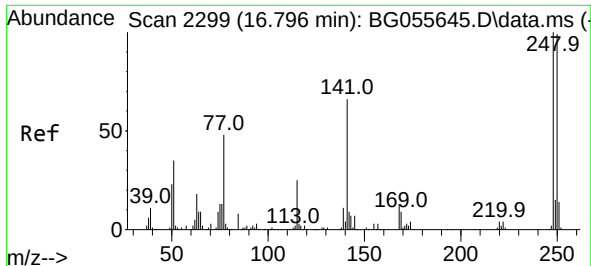
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#66
n-Nitrosodiphenylamine
Concen: 41.302 ng
RT: 16.045 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

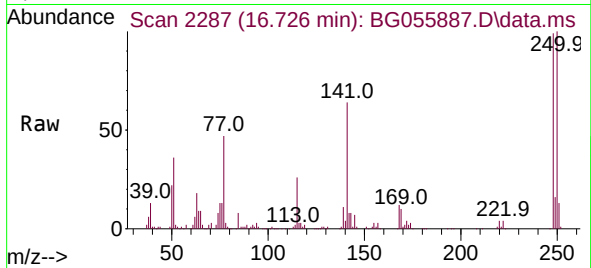
Tgt Ion:169 Resp: 272735
Ion Ratio Lower Upper
169 100
168 69.2 56.6 85.0
167 37.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 39.800 ng
RT: 16.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

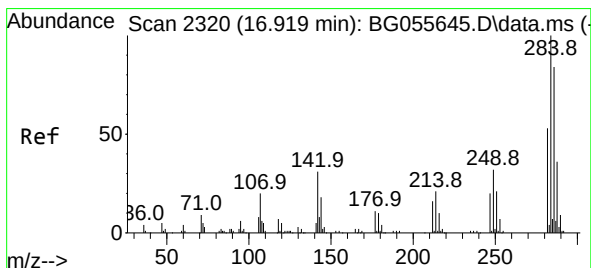
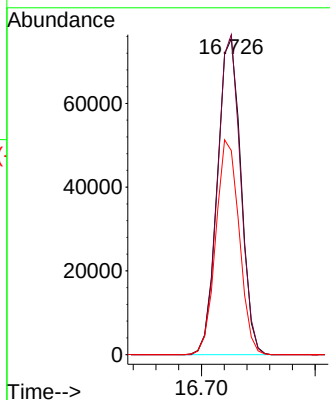
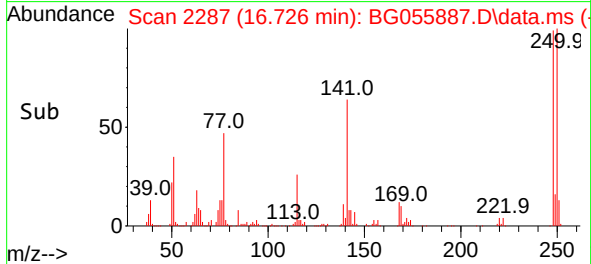
Instrument :
BNA_G
ClientSampleId :
ML-4MS



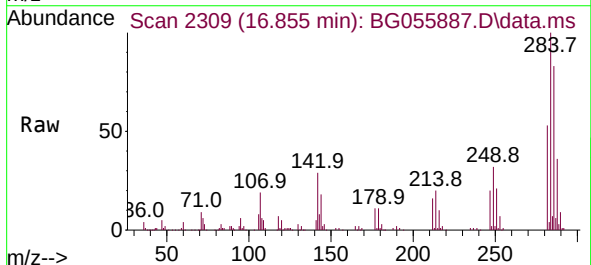
Tgt Ion:248 Resp: 108658
Ion Ratio Lower Upper
248 100
250 101.3 79.0 118.4
141 64.6 52.9 79.3

Manual Integrations
APPROVED

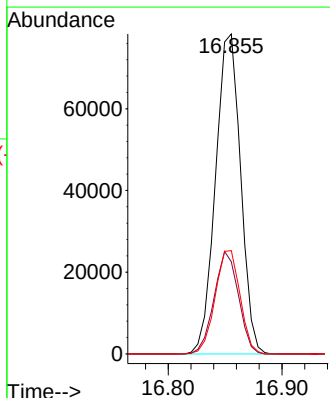
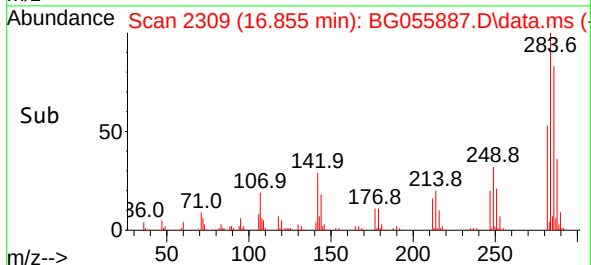
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

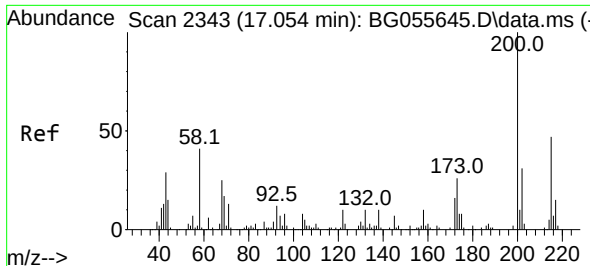


#68
Hexachlorobenzene
Concen: 39.580 ng
RT: 16.855 min Scan# 2309
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



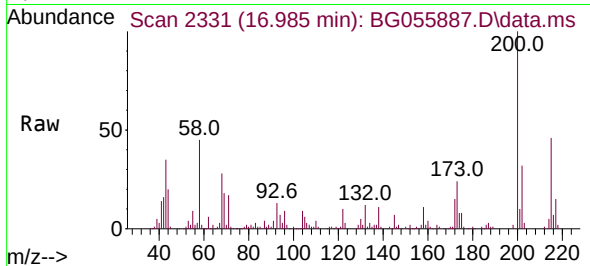
Tgt Ion:284 Resp: 119816
Ion Ratio Lower Upper
284 100
142 28.8 24.8 37.2
249 32.3 25.7 38.5





#69
 Atrazine
 Concen: 43.058 ng
 RT: 16.985 min Scan# 2331
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26

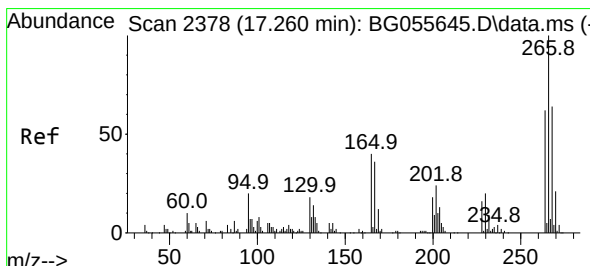
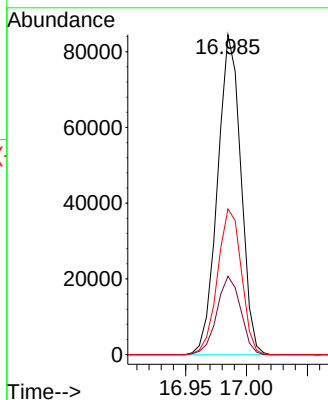
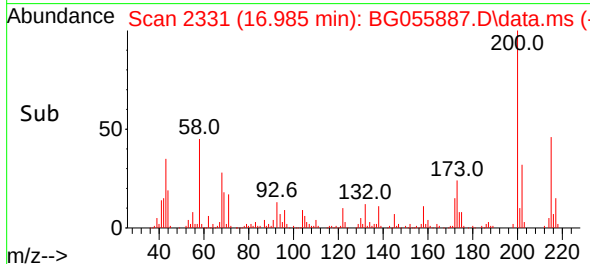
Instrument :
 BNA_G
 ClientSampleId :
 ML-4MS



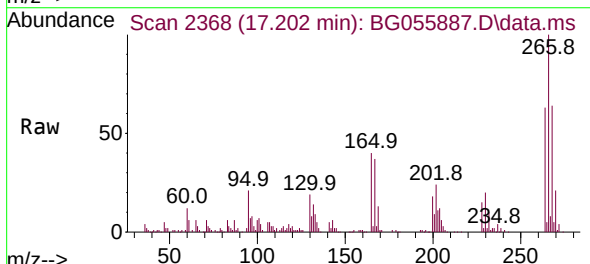
Tgt Ion:200 Resp: 112451
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 45.5 27.2 67.2

Manual Integrations
 APPROVED

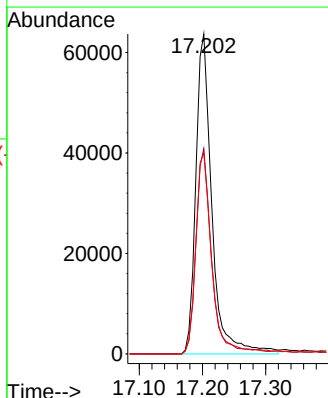
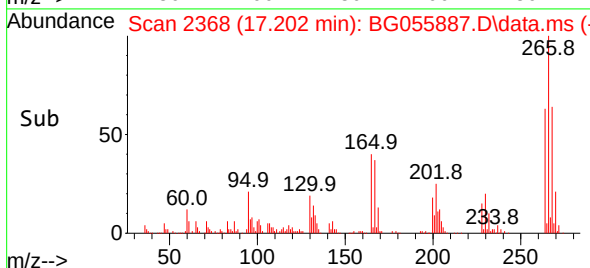
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022

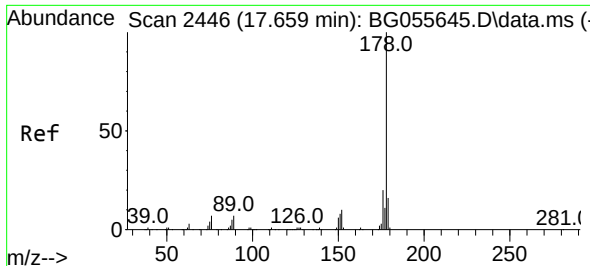


#70
 Pentachlorophenol
 Concen: 60.838 ng
 RT: 17.202 min Scan# 2368
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26



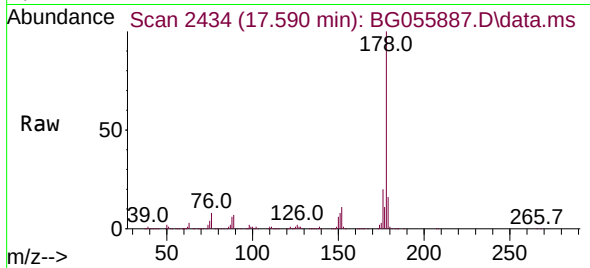
Tgt Ion:266 Resp: 112662
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 62.8 49.5 74.3





#71
Phenanthrene
Concen: 39.030 ng
RT: 17.590 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

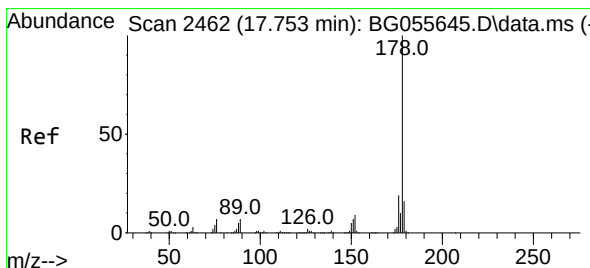
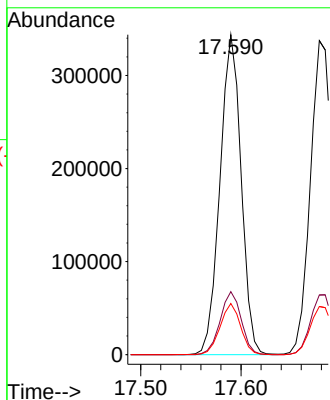
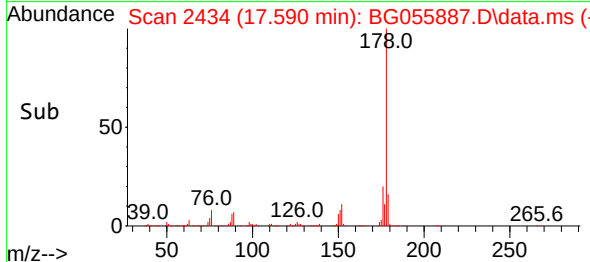
Instrument :
BNA_G
ClientSampleId :
ML-4MS



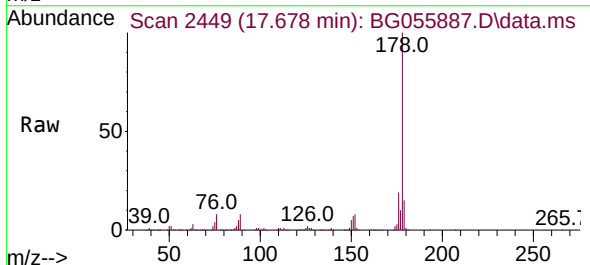
Tgt Ion:178 Resp: 504675
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.0 12.7 19.1

Manual Integrations
APPROVED

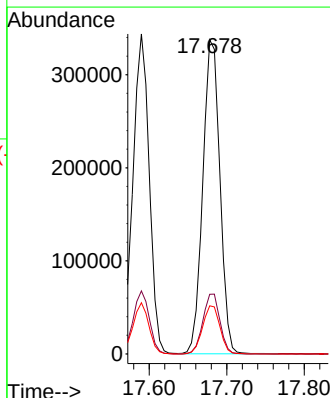
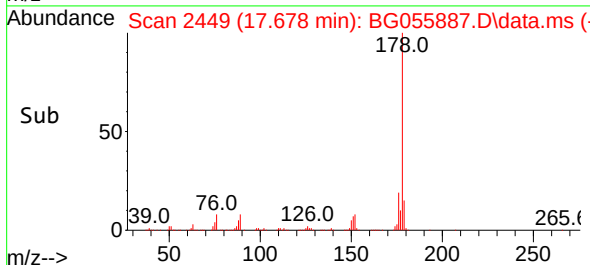
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

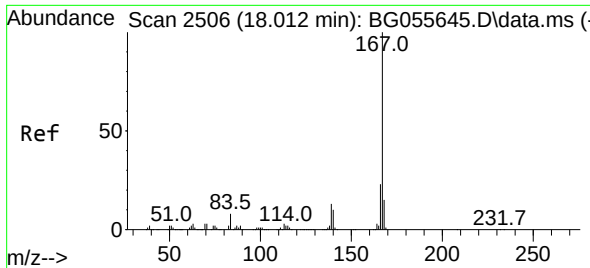


#72
Anthracene
Concen: 41.175 ng
RT: 17.678 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



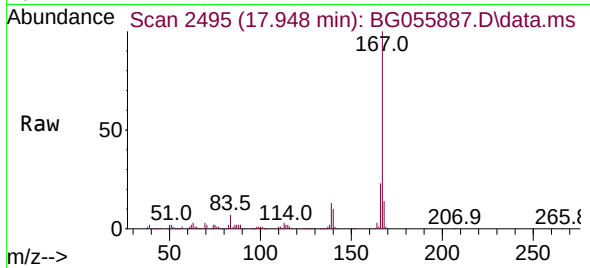
Tgt Ion:178 Resp: 517297
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 40.345 ng
 RT: 17.948 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26

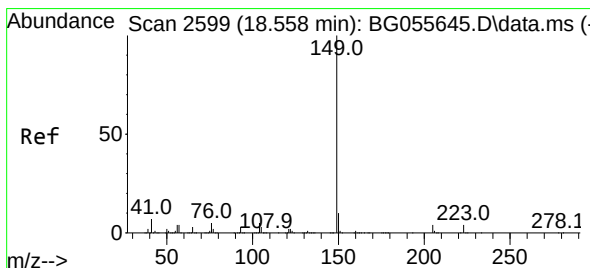
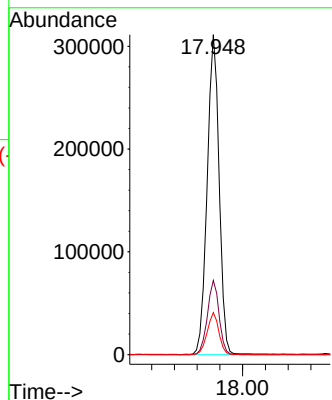
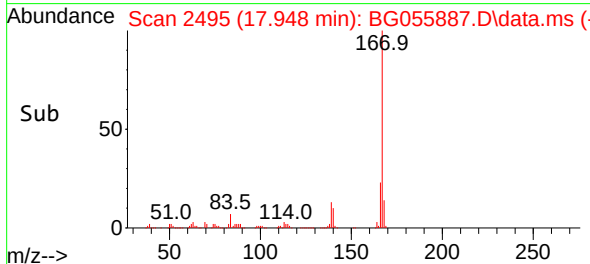
Instrument :
 BNA_G
 ClientSampleId :
 ML-4MS



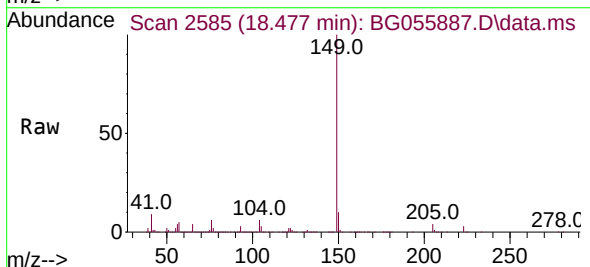
Tgt Ion:167 Resp: 455672
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 13.1 10.2 15.4

Manual Integrations
 APPROVED

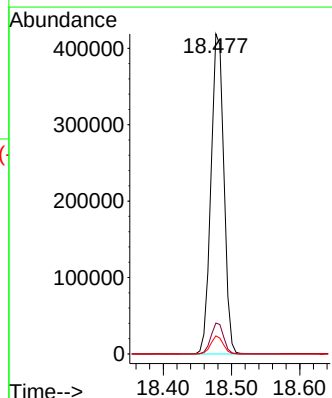
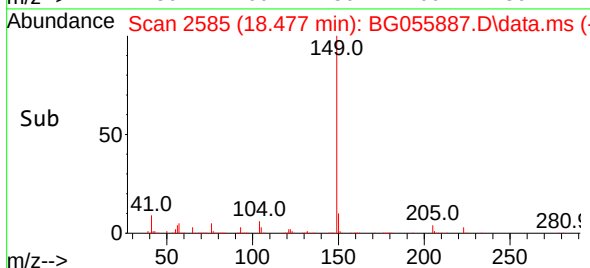
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022

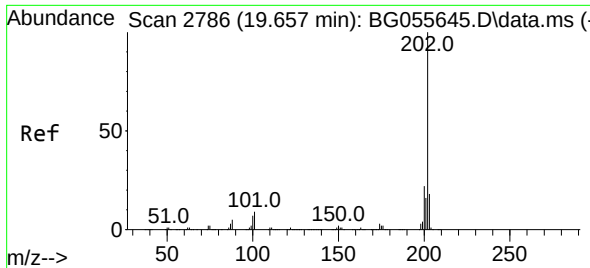


#74
 Di-n-butylphthalate
 Concen: 39.303 ng
 RT: 18.477 min Scan# 2585
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26



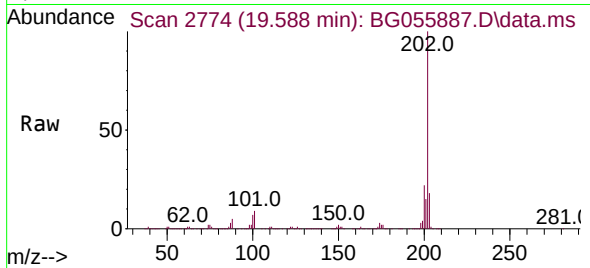
Tgt Ion:149 Resp: 551196
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.6 4.0 6.0





#75
Fluoranthene
Concen: 37.065 ng
RT: 19.588 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

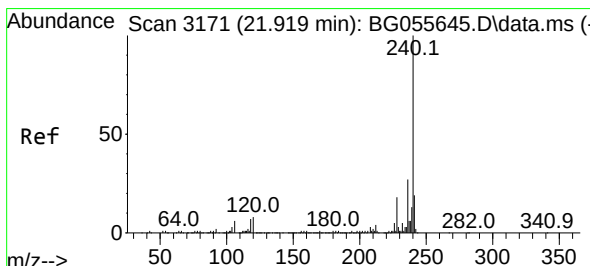
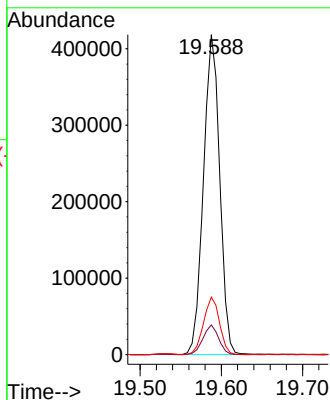
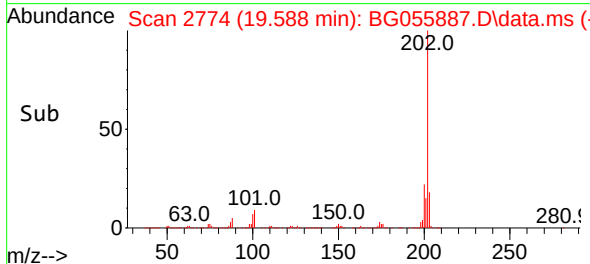
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:202 Resp: 583062
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 18.0 0.0 38.1

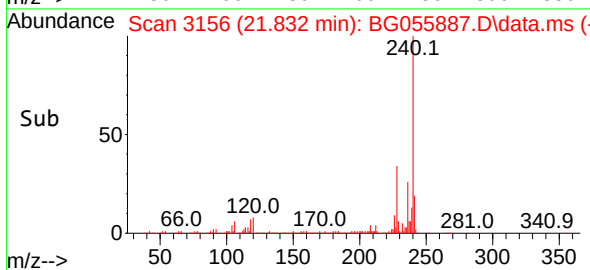
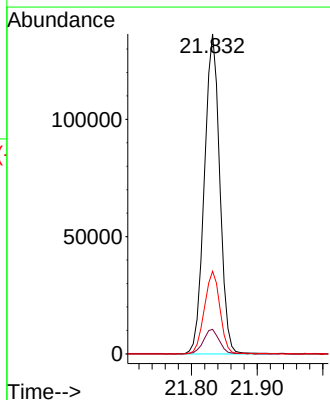
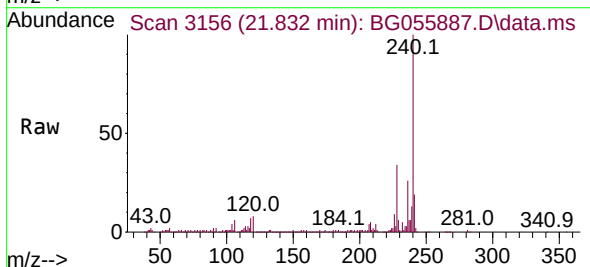
Manual Integrations
APPROVED

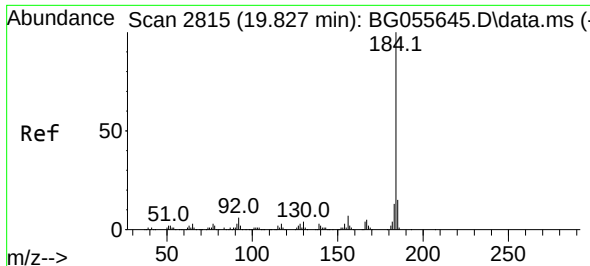
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.832 min Scan# 3156
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:240 Resp: 221562
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.8 21.9 32.9





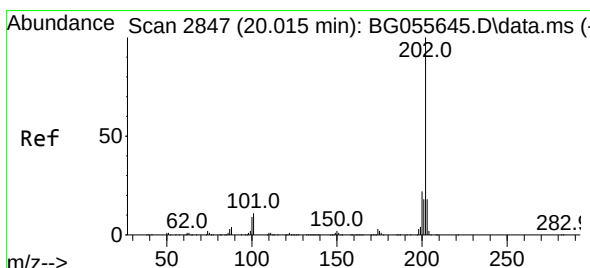
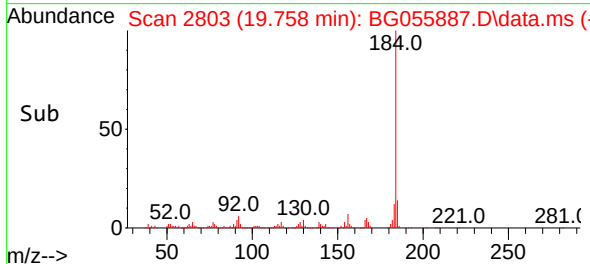
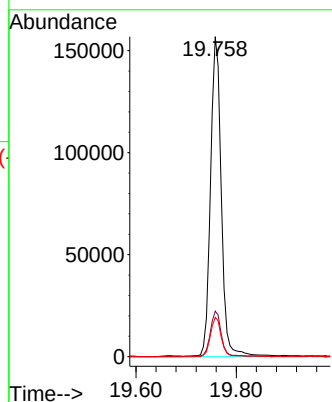
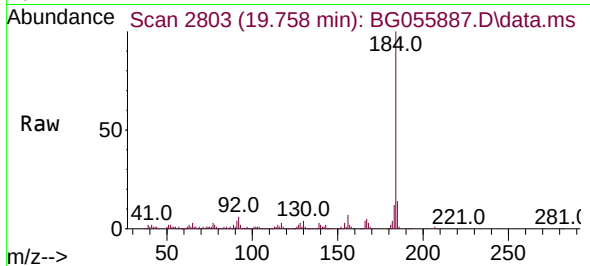
#77
Benzidine
Concen: 45.525 ng
RT: 19.758 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :
ML-4MS

Tgt Ion:184 Resp: 23334
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 12.3 10.6 15.8

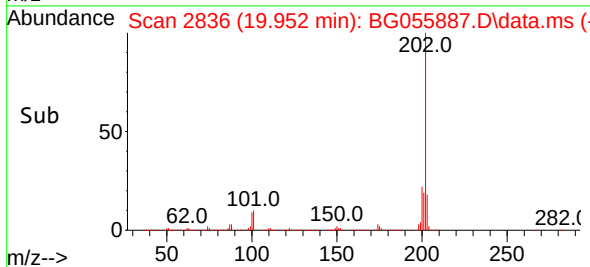
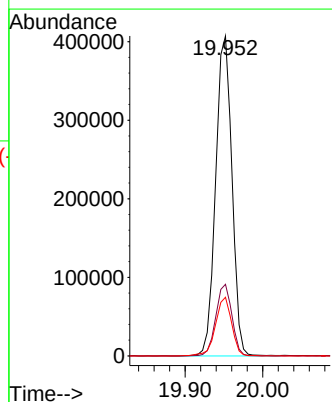
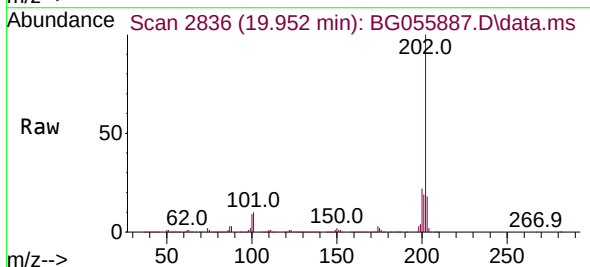
Manual Integrations
APPROVED

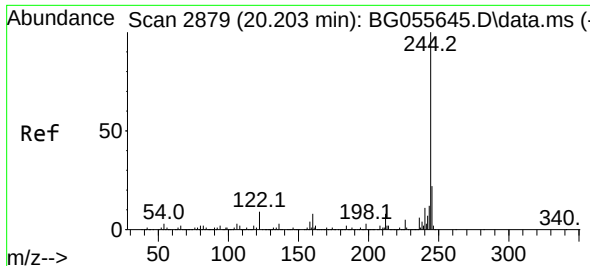
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#78
Pyrene
Concen: 39.537 ng
RT: 19.952 min Scan# 2836
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

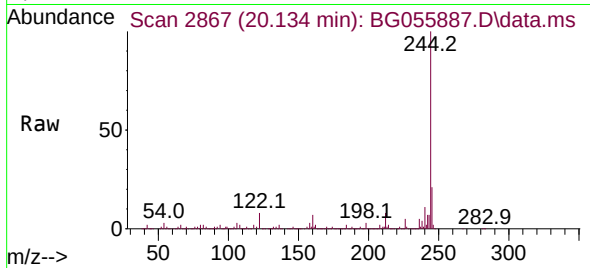
Tgt Ion:202 Resp: 592934
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.3 14.4 21.6





#79
 Terphenyl-d14
 Concen: 66.010 ng
 RT: 20.134 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26

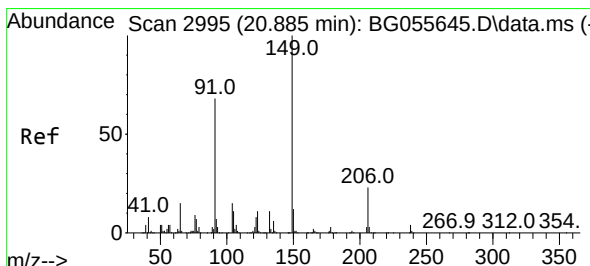
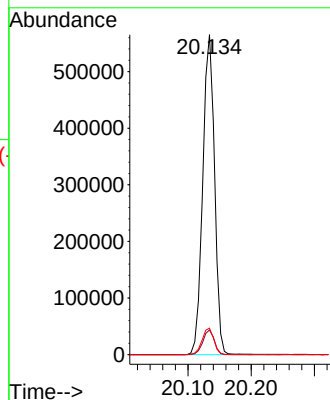
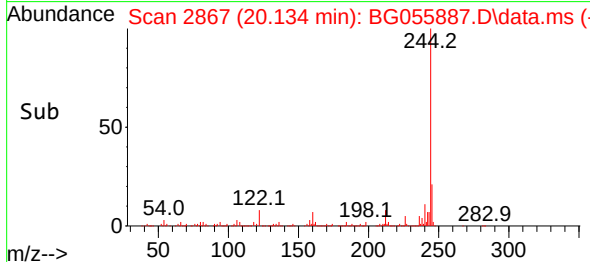
Instrument :
 BNA_G
 ClientSampleId :
 ML-4MS



Tgt Ion:244 Resp: 731222
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.3 6.9 10.3

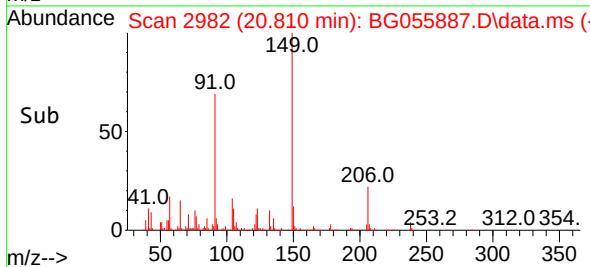
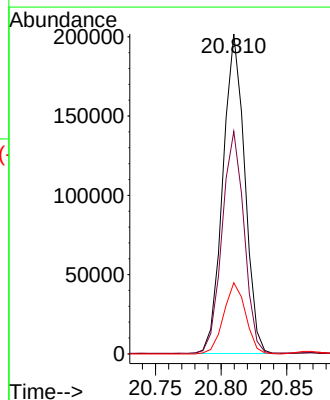
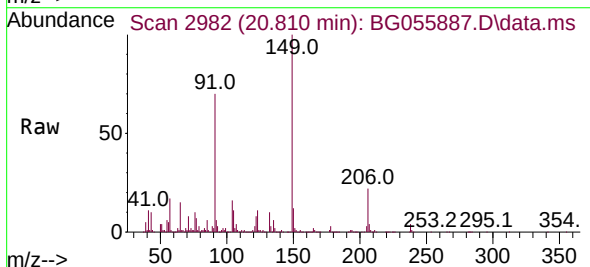
Manual Integrations
 APPROVED

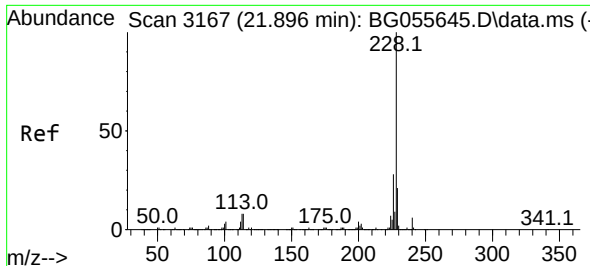
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#80
 Butylbenzylphthalate
 Concen: 39.809 ng
 RT: 20.810 min Scan# 2982
 Delta R.T. -0.004 min
 Lab File: BG055887.D
 Acq: 5 Dec 2022 16:26

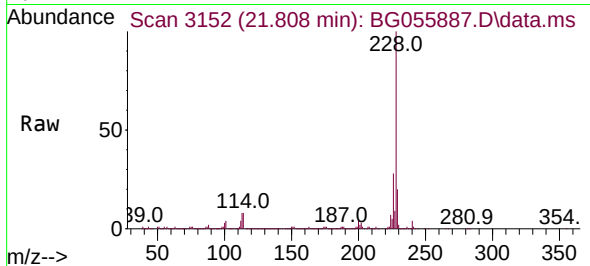
Tgt Ion:149 Resp: 233719
 Ion Ratio Lower Upper
 149 100
 91 69.5 54.6 81.8
 206 22.2 18.3 27.5





#81
Benzo(a)anthracene
Concen: 38.732 ng
RT: 21.808 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

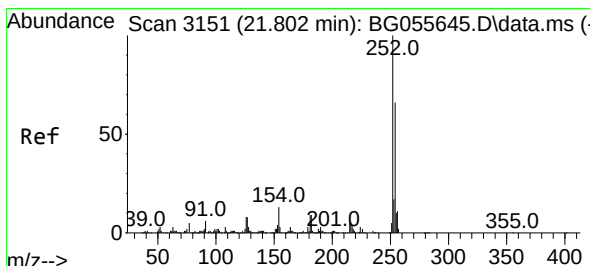
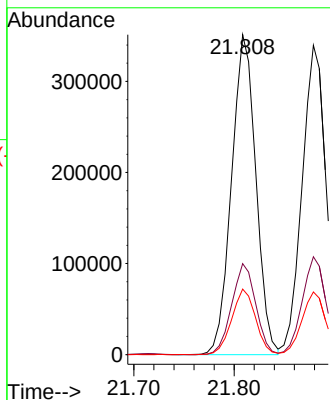
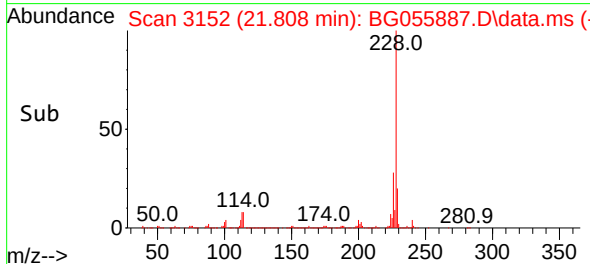
Instrument :
BNA_G
ClientSampleId :
ML-4MS



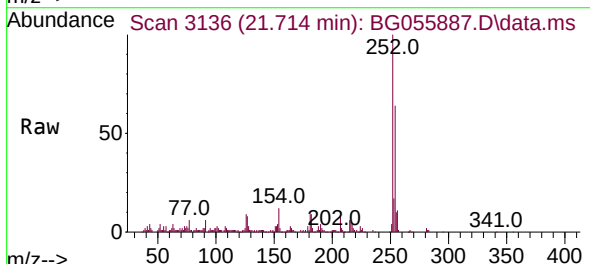
Tgt Ion:228 Resp: 591064
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.5 16.5 24.7

Manual Integrations
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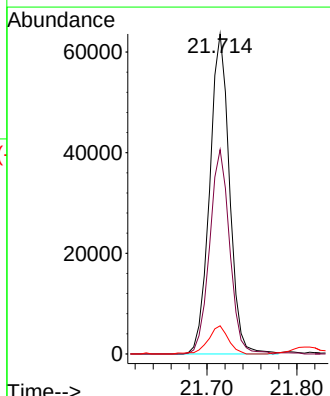
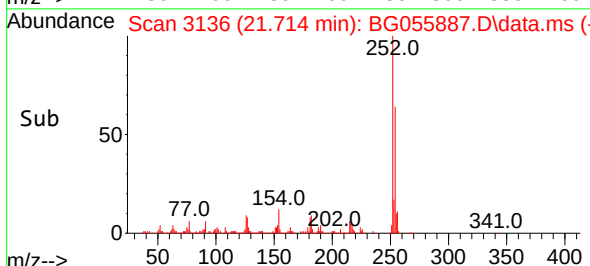
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

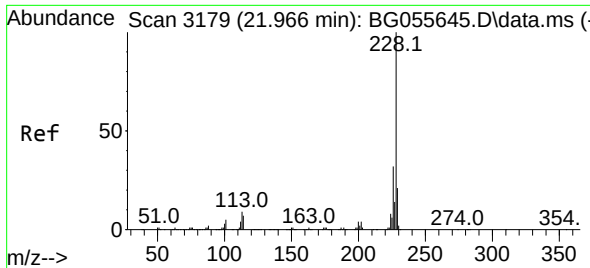


#82
3,3'-Dichlorobenzidine
Concen: 18.168 ng
RT: 21.714 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



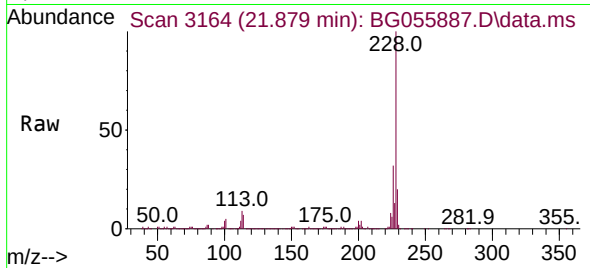
Tgt Ion:252 Resp: 97422
Ion Ratio Lower Upper
252 100
254 63.9 53.0 79.6
126 8.8 6.7 10.1





#83
Chrysene
Concen: 38.398 ng
RT: 21.879 min Scan# 3179
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

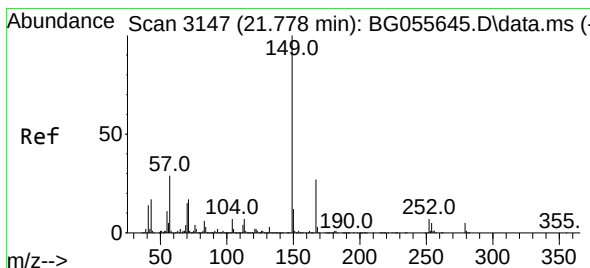
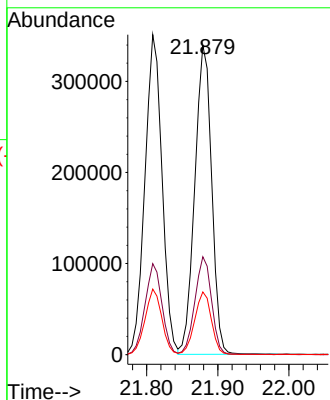
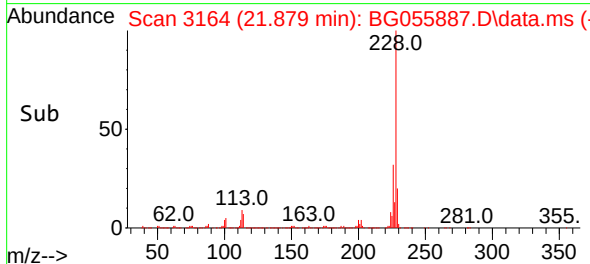
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:228 Resp: 557840
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.2
229 20.3 17.1 25.7

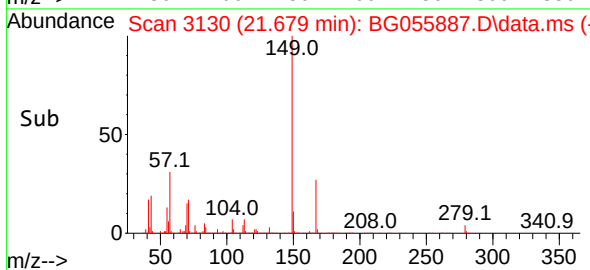
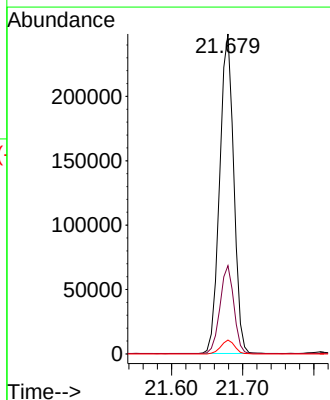
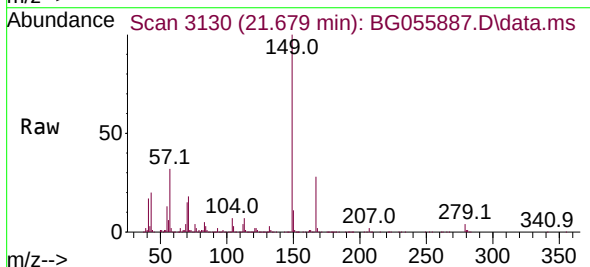
Manual Integrations
APPROVED

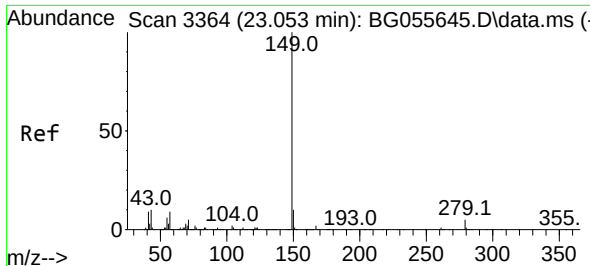
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.647 ng
RT: 21.679 min Scan# 3130
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

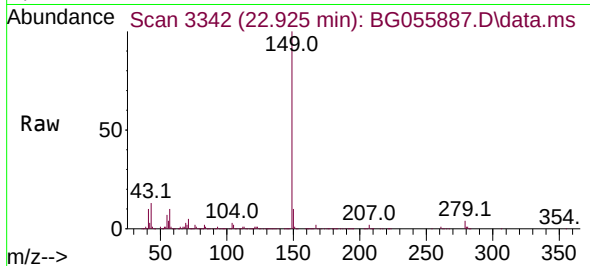
Tgt Ion:149 Resp: 342959
Ion Ratio Lower Upper
149 100
167 27.6 22.0 33.0
279 4.3 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.479 ng
RT: 22.925 min Scan# 3364
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

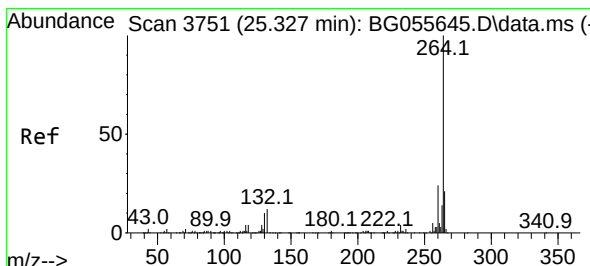
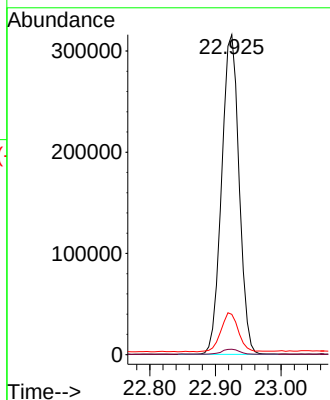
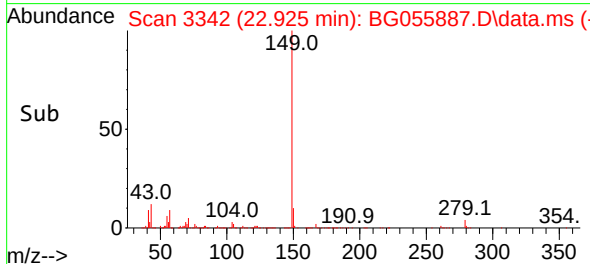
Instrument :
BNA_G
ClientSampleId :
ML-4MS



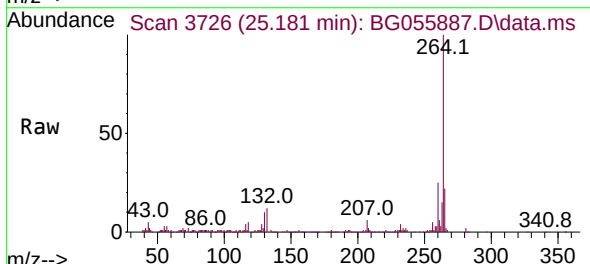
Tgt Ion:149 Resp: 584496
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 8.4 12.6

Manual Integrations
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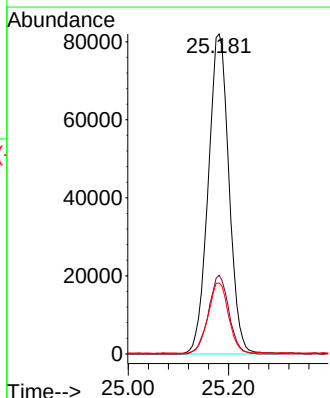
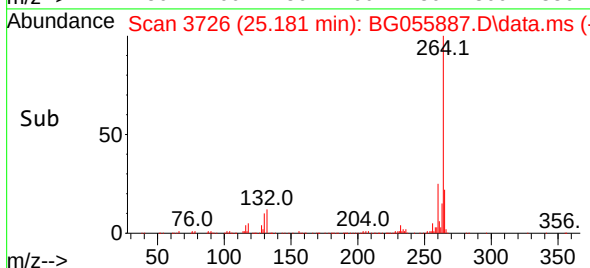
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

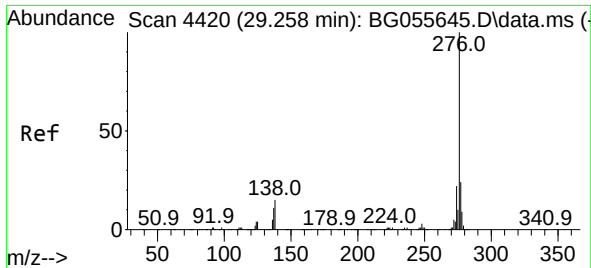


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.181 min Scan# 3726
Delta R.T. 0.002 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



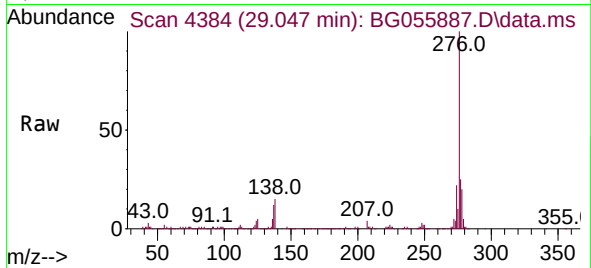
Tgt Ion:264 Resp: 235402
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.1 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.667 ng
RT: 29.047 min Scan# 4384
Delta R.T. -0.010 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

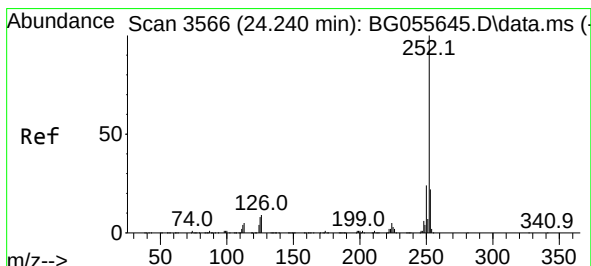
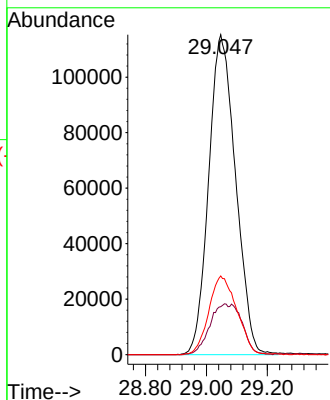
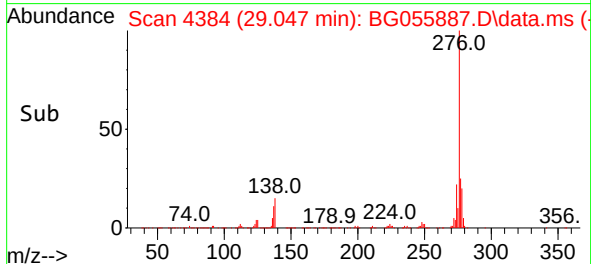
Instrument :
BNA_G
ClientSampleId :
ML-4MS



Tgt Ion:276 Resp: 707109
Ion Ratio Lower Upper
276 100
138 10.8 10.4 15.6
277 25.5 20.2 30.4

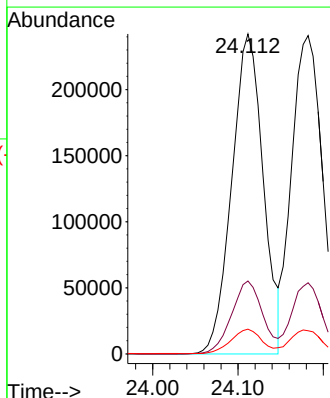
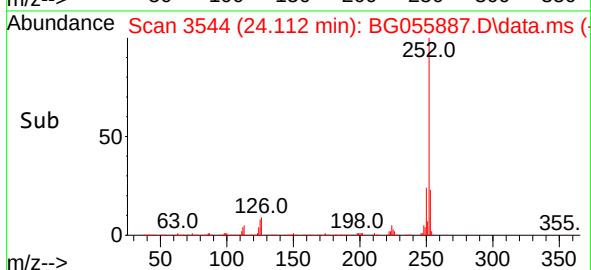
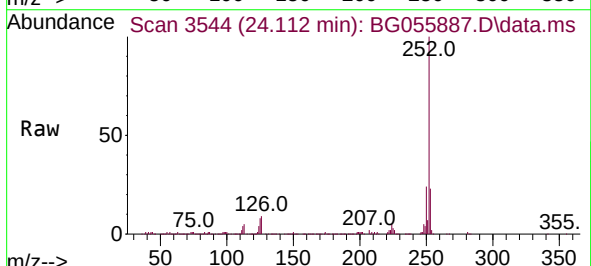
Manual Integrations
APPROVED

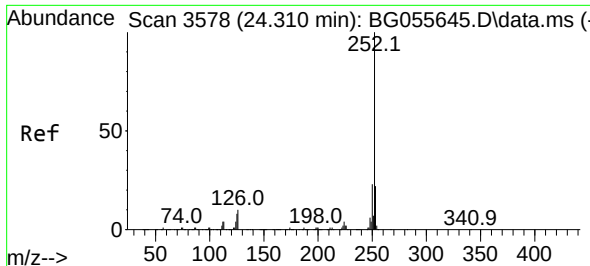
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#88
Benzo(b)fluoranthene
Concen: 40.447 ng
RT: 24.112 min Scan# 3544
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

Tgt Ion:252 Resp: 620075
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 39.351 ng

RT: 24.182 min Scan# 3556

Delta R.T. -0.004 min

Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

ML-4MS

Tgt Ion:252 Resp: 601346

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

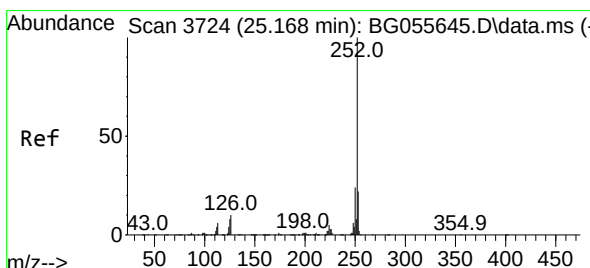
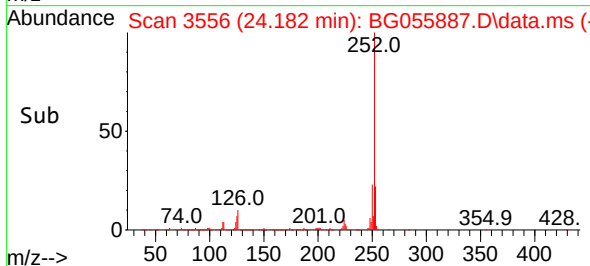
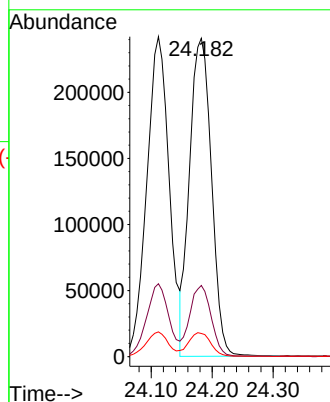
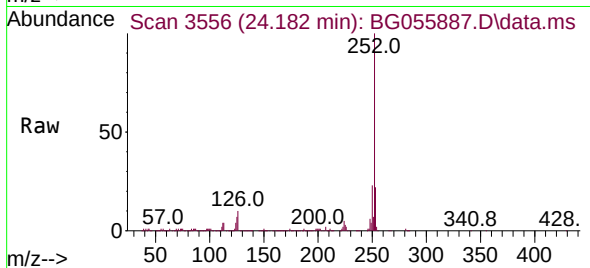
125 7.3 6.1 9.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#90

Benzo(a)pyrene

Concen: 41.655 ng

RT: 25.022 min Scan# 3699

Delta R.T. -0.004 min

Lab File: BG055887.D

Acq: 5 Dec 2022 16:26

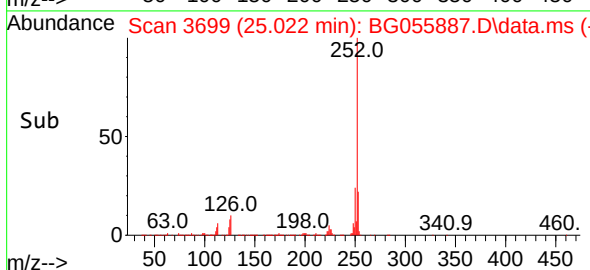
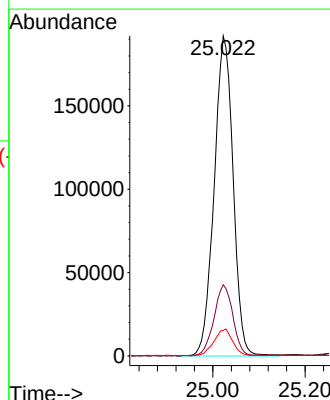
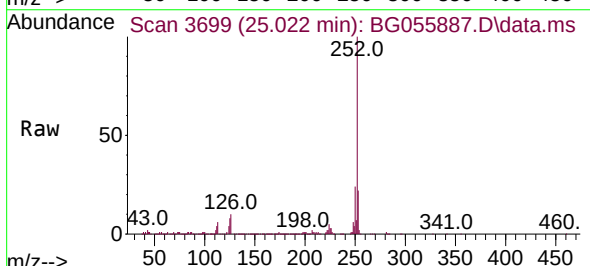
Tgt Ion:252 Resp: 548000

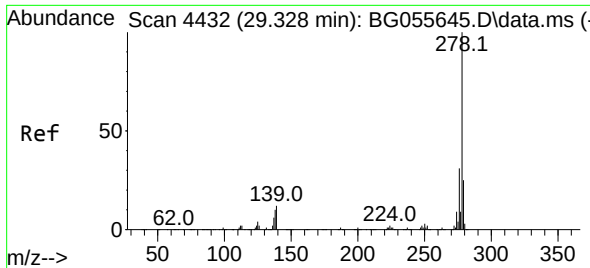
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

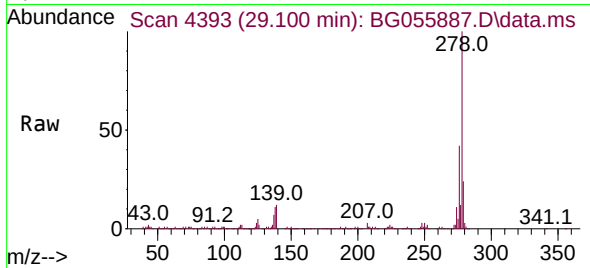
125 8.0 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 37.635 ng
RT: 29.100 min Scan# 4393
Delta R.T. -0.010 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26

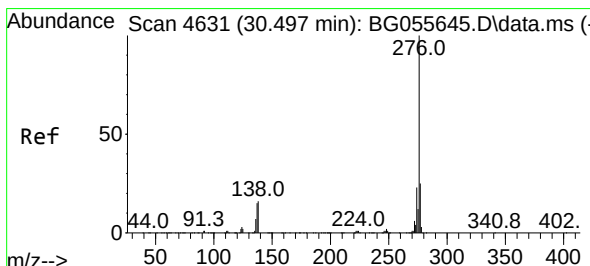
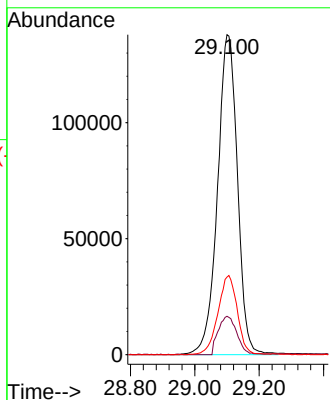
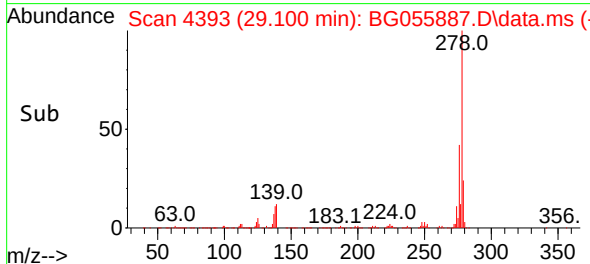
Instrument :
BNA_G
ClientSampleId :
ML-4MS



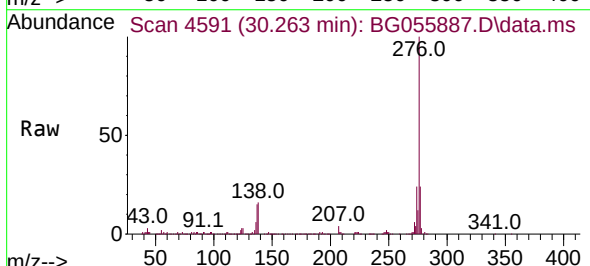
Tgt Ion:278 Resp: 593094
Ion Ratio Lower Upper
278 100
139 12.0 9.8 14.8
279 24.2 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#92
Benzo(g,h,i)perylene
Concen: 36.952 ng
RT: 30.263 min Scan# 4591
Delta R.T. -0.004 min
Lab File: BG055887.D
Acq: 5 Dec 2022 16:26



Tgt Ion:276 Resp: 586923
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.6
138 16.0 13.1 19.7

