

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055888.D
 Acq On : 5 Dec 2022 17:08
 Operator : CG/JU
 Sample : N5870-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-4MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 04:47:20 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	27152	20.000	ng	0.00
21) Naphthalene-d8	11.004	136	126539	20.000	ng	0.00
39) Acenaphthene-d10	14.805	164	101833	20.000	ng	0.00
64) Phenanthrene-d10	17.543	188	240712	20.000	ng	0.00
76) Chrysene-d12	21.832	240	228707	20.000	ng	0.00
86) Perylene-d12	25.181	264	243236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	195863	130.387	ng	0.00
7) Phenol-d6	7.332	99	269697	134.874	ng	0.00
23) Nitrobenzene-d5	9.347	82	166578	69.579	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	153211	106.846	ng	0.00
45) 2-Fluorobiphenyl	13.424	172	428955	63.106	ng	0.00
79) Terphenyl-d14	20.134	244	754708	66.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.507	88	22971	35.783	ng	# 85
3) Pyridine	3.930	79	66766	33.902	ng	90
4) n-Nitrosodimethylamine	3.841	42	48218	46.245	ng	# 96
6) Aniline	7.490	93	78213	31.141	ng	97
8) 2-Chlorophenol	7.737	128	85027	49.514	ng	97
9) Benzaldehyde	7.302	77	39602m	29.162	ng	
10) Phenol	7.361	94	113304	50.605	ng	97
11) bis(2-Chloroethyl)ether	7.578	93	74172	43.228	ng	99
12) 1,3-Dichlorobenzene	8.060	146	82833	41.027	ng	97
13) 1,4-Dichlorobenzene	8.207	146	84499	41.417	ng	99
14) 1,2-Dichlorobenzene	8.530	146	82516	42.207	ng	98
15) Benzyl Alcohol	8.413	79	83020m	51.085	ng	
16) 2,2'-oxybis(1-Chloropr...	8.695	45	147044	47.339	ng	97
17) 2-Methylphenol	8.618	107	79622	50.090	ng	99
18) Hexachloroethane	9.265	117	28870	41.113	ng	99
19) n-Nitroso-di-n-propyla...	8.977	70	69876	45.481	ng	94
20) 3+4-Methylphenols	8.947	107	111509	50.217	ng	100
22) Acetophenone	9.000	105	132565	40.316	ng	# 94
24) Nitrobenzene	9.388	77	101325	40.519	ng	98
25) Isophorone	9.911	82	198726	43.809	ng	98
26) 2-Nitrophenol	10.105	139	49950	43.269	ng	89
27) 2,4-Dimethylphenol	10.158	122	94453m	53.760	ng	
28) bis(2-Chloroethoxy)met...	10.387	93	112109	46.036	ng	99
29) 2,4-Dichlorophenol	10.651	162	96375	45.829	ng	99
30) 1,2,4-Trichlorobenzene	10.863	180	92266	37.766	ng	97
31) Naphthalene	11.051	128	268221	39.211	ng	99
32) Benzoic acid	10.322	122	50536	34.961	ng	98
33) 4-Chloroaniline	11.156	127	51438	18.229	ng	98
34) Hexachlorobutadiene	11.327	225	58897	35.305	ng	99
35) Caprolactam	11.944	113	33820m	46.474	ng	
36) 4-Chloro-3-methylphenol	12.279	107	111616	48.291	ng	99
37) 2-Methylnaphthalene	12.643	142	208997	40.806	ng	98
38) 1-Methylnaphthalene	12.860	142	199758	40.175	ng	99
40) 1,2,4,5-Tetrachloroben...	13.007	216	120828	37.757	ng	99
41) Hexachlorocyclopentadiene	12.984	237	84613	52.461	ng	98
43) 2,4,6-Trichlorophenol	13.248	196	87407	40.041	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055888.D
 Acq On : 5 Dec 2022 17:08
 Operator : CG/JU
 Sample : N5870-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-4MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 04:47:20 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

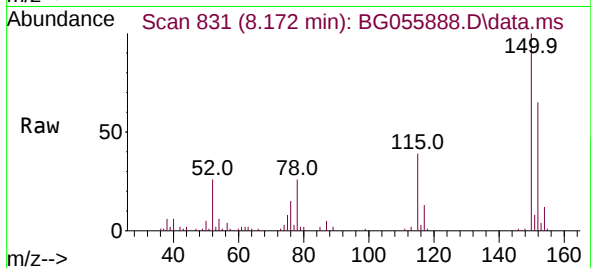
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.330	196	92780	38.676	ng	96
46) 1,1'-Biphenyl	13.642	154	293849	39.598	ng	99
47) 2-Chloronaphthalene	13.689	162	223694	38.783	ng	99
48) 2-Nitroaniline	13.889	65	81673	43.069	ng	97
49) Acenaphthylene	14.529	152	381837	40.202	ng	99
50) Dimethylphthalate	14.247	163	318631	39.251	ng	99
51) 2,6-Dinitrotoluene	14.376	165	67851	40.879	ng	92
52) Acenaphthene	14.870	154	266390m	42.913	ng	
53) 3-Nitroaniline	14.711	138	38521	21.141	ng	97
54) 2,4-Dinitrophenol	14.929	184	71249	74.659	ng	96
55) Dibenzofuran	15.199	168	377145	39.383	ng	98
56) 4-Nitrophenol	15.028	139	101408	70.912	ng	93
57) 2,4-Dinitrotoluene	15.169	165	97464	41.648	ng	99
58) Fluorene	15.851	166	303984	39.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.428	232	85532	36.797	ng	99
60) Diethylphthalate	15.598	149	320287	39.025	ng	99
61) 4-Chlorophenyl-phenylether	15.827	204	168318	40.034	ng	97
62) 4-Nitroaniline	15.874	138	71443	37.509	ng	93
63) Azobenzene	16.127	77	298315	41.634	ng	98
65) 4,6-Dinitro-2-methylph...	15.933	198	55293	41.137	ng	98
66) n-Nitrosodiphenylamine	16.045	169	274706	41.410	ng	99
67) 4-Bromophenyl-phenylether	16.726	248	110007	40.110	ng	100
68) Hexachlorobenzene	16.850	284	120598	39.656	ng	99
69) Atrazine	16.985	200	113153	43.128	ng	99
70) Pentachlorophenol	17.202	266	111294	59.824	ng	98
71) Phenanthrene	17.590	178	510081	39.268	ng	99
72) Anthracene	17.678	178	522108	41.368	ng	99
73) Carbazole	17.948	167	460874	40.619	ng	99
74) Di-n-butylphthalate	18.477	149	557973	39.604	ng	99
75) Fluoranthene	19.588	202	599376	37.928	ng	99
77) Benzidine	19.758	184	235508	44.511	ng	98
78) Pyrene	19.952	202	609060	39.343	ng	99
80) Butylbenzylphthalate	20.810	149	248654	41.030	ng	100
81) Benzo(a)anthracene	21.809	228	613079	38.920	ng	99
82) 3,3'-Dichlorobenzidine	21.715	252	101242	18.291	ng	99
83) Chrysene	21.879	228	576114	38.417	ng	99
84) Bis(2-ethylhexyl)phtha...	21.674	149	355431	40.809	ng	99
85) Di-n-octyl phthalate	22.919	149	603554	40.493	ng	97
87) Indeno(1,2,3-cd)pyrene	29.047	276	719942	36.130	ng	# 94
88) Benzo(b)fluoranthene	24.112	252	647601	40.882	ng	100
89) Benzo(k)fluoranthene	24.182	252	619097	39.208	ng	100
90) Benzo(a)pyrene	25.028	252	568408	41.815	ng	99
91) Dibenzo(a,h)anthracene	29.100	278	609532	37.433	ng	99
92) Benzo(g,h,i)perylene	30.258	276	603862	36.794	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.172 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

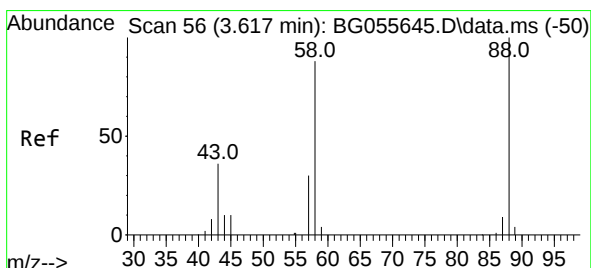
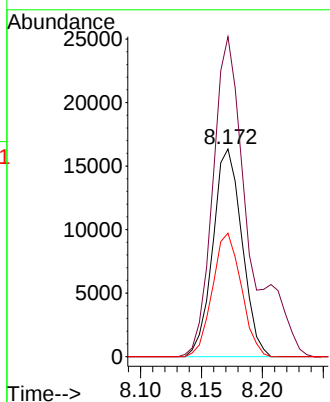
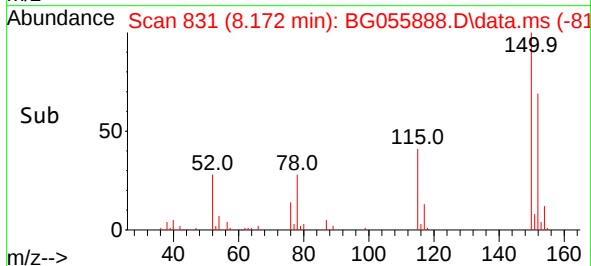
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:152 Resp: 27152
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.6
115 59.5 47.0 70.4

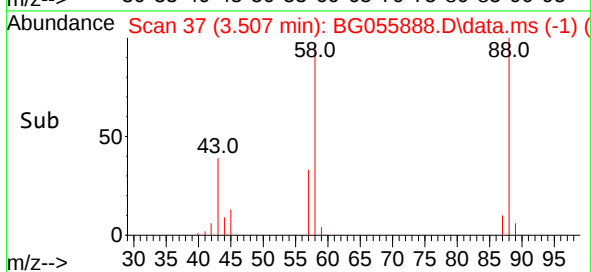
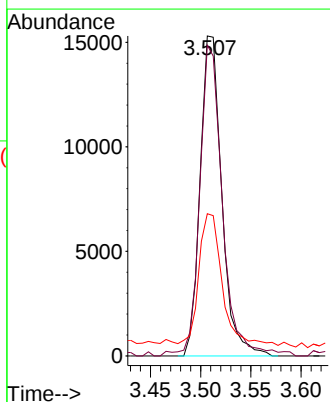
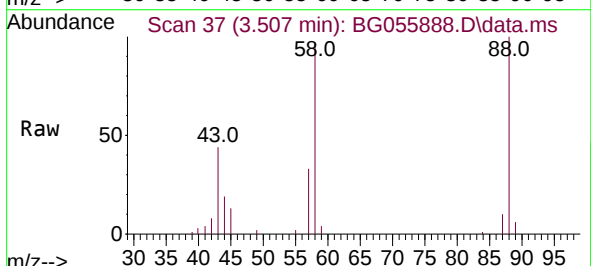
Manual Integrations
APPROVED

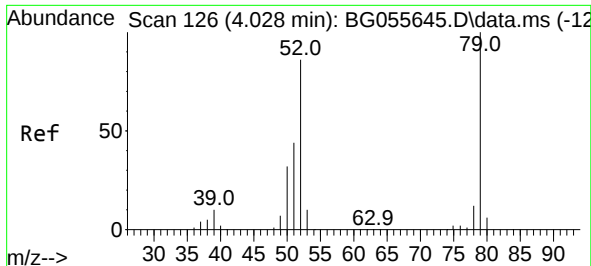
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#2
1,4-Dioxane
Concen: 35.783 ng
RT: 3.507 min Scan# 37
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

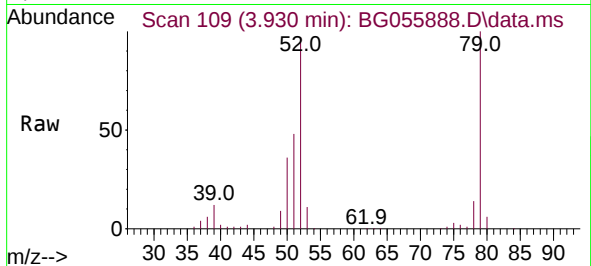
Tgt Ion: 88 Resp: 22971
Ion Ratio Lower Upper
88 100
58 101.9 71.3 106.9
43 46.5 28.6 43.0





#3
Pyridine
Concen: 33.902 ng
RT: 3.930 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

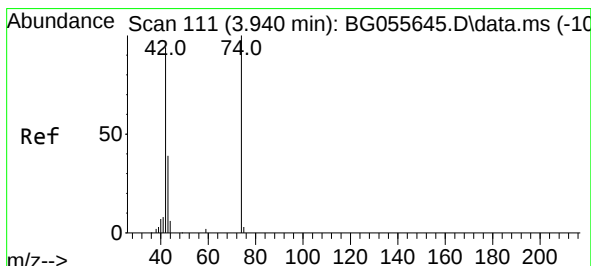
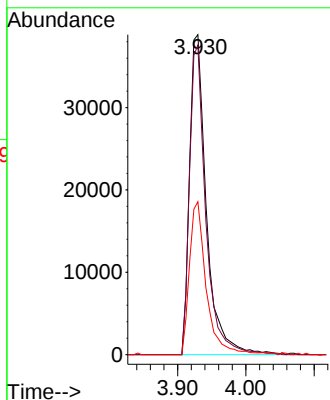
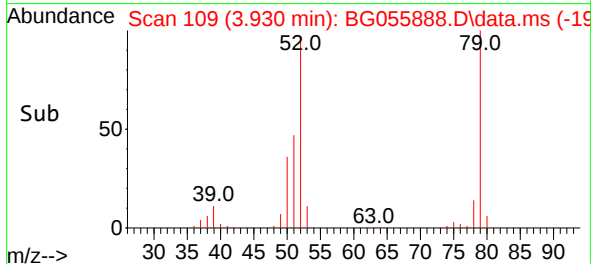
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



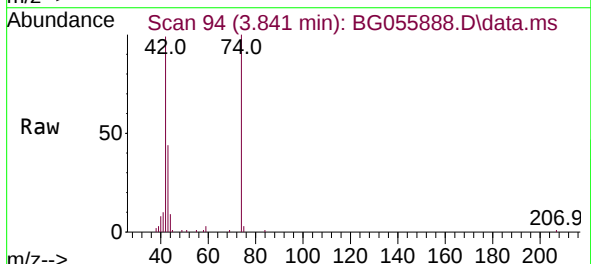
Tgt Ion: 79 Resp: 66766
Ion Ratio Lower Upper
79 100
52 96.7 68.9 103.3
51 47.8 34.8 52.2

Manual Integrations
APPROVED

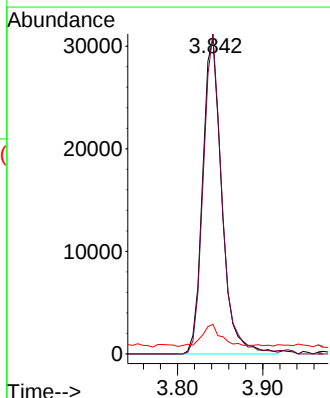
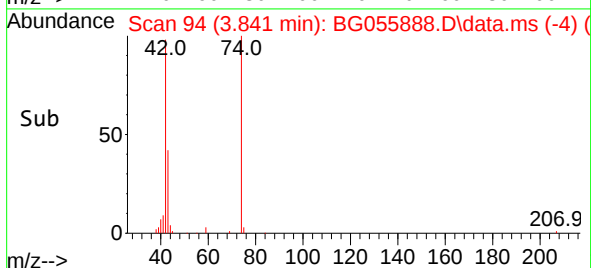
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

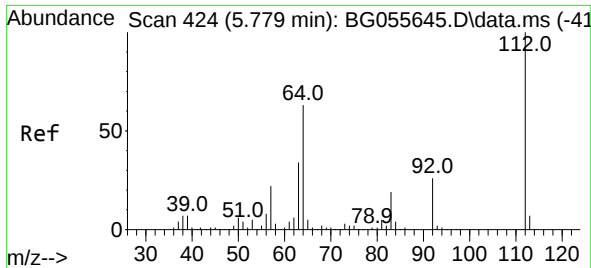


#4
n-Nitrosodimethylamine
Concen: 46.245 ng
RT: 3.841 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion: 42 Resp: 48218
Ion Ratio Lower Upper
42 100
74 101.5 84.7 127.1
44 9.4 5.4 8.0





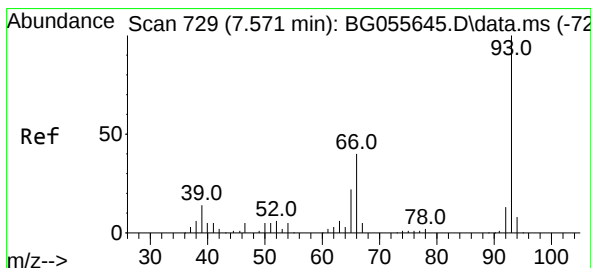
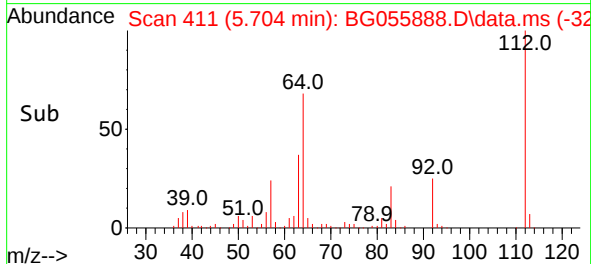
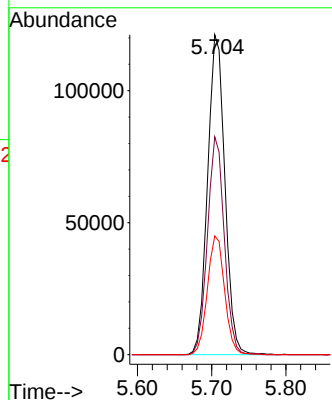
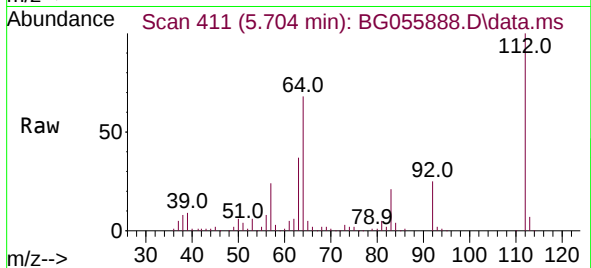
#5
2-Fluorophenol
Concen: 130.387 ng
RT: 5.704 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Tgt Ion:112 Resp: 195863
Ion Ratio Lower Upper
112 100
64 68.1 50.6 76.0
63 37.1 27.5 41.3

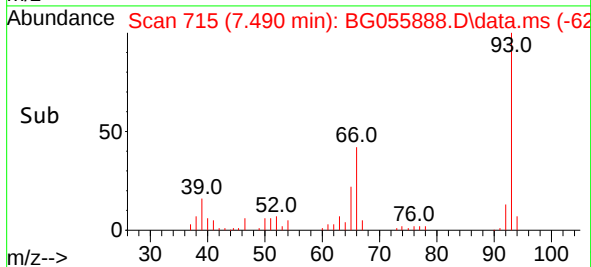
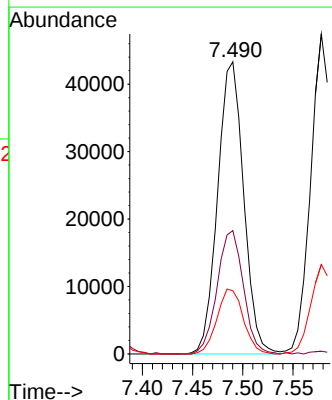
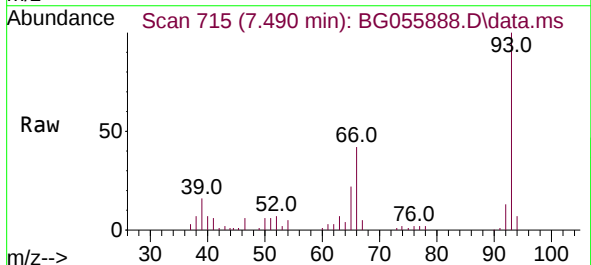
Manual Integrations
APPROVED

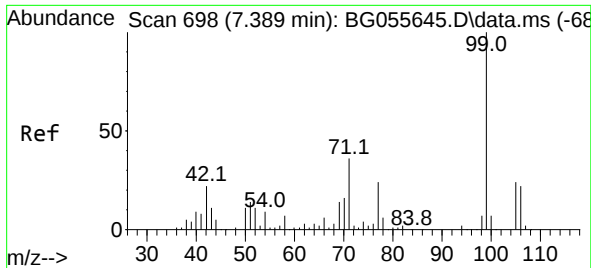
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#6
Aniline
Concen: 31.141 ng
RT: 7.490 min Scan# 715
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion: 93 Resp: 78213
Ion Ratio Lower Upper
93 100
66 42.2 31.7 47.5
65 21.6 17.9 26.9





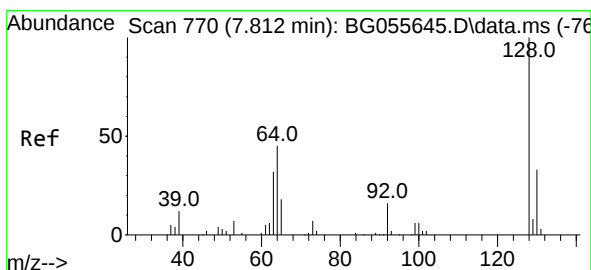
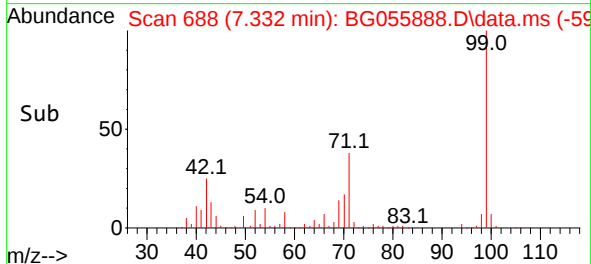
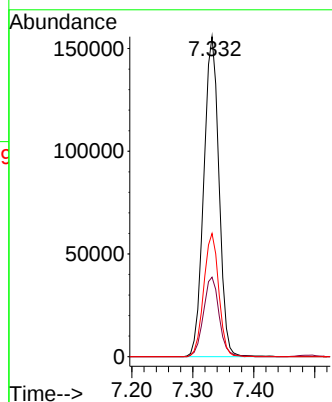
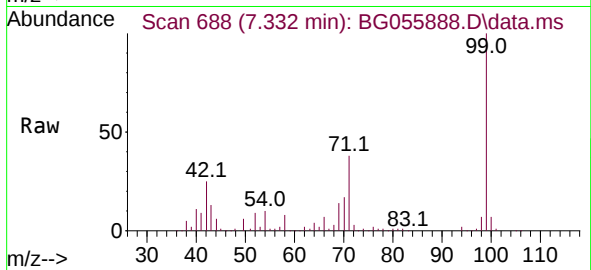
#7
Phenol-d6
Concen: 134.874 ng
RT: 7.332 min Scan# 688
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
Client SampleId :
ML-4MSD

Tgt Ion: 99 Resp: 269697
Ion Ratio Lower Upper
99 100
42 24.8 18.0 27.0
71 38.5 29.0 43.6

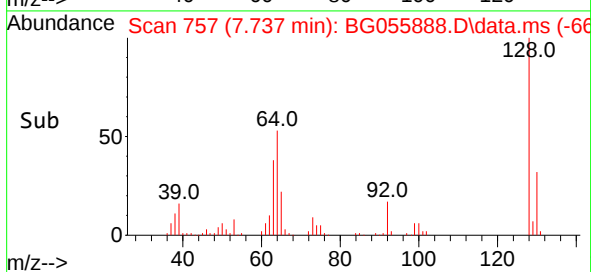
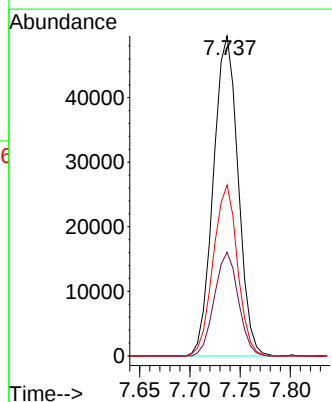
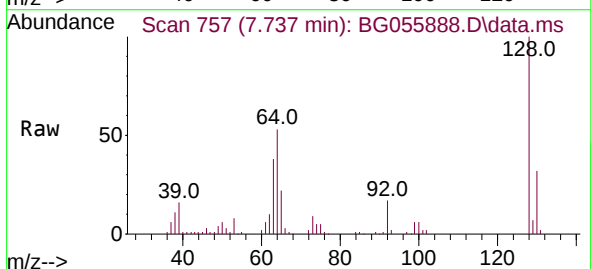
Manual Integrations
APPROVED

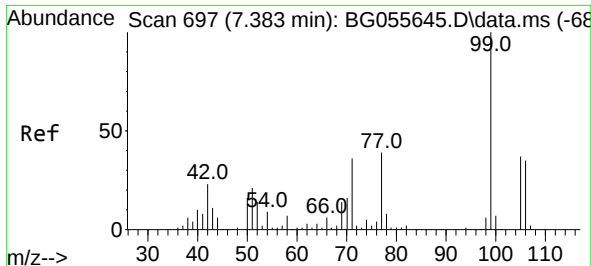
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#8
2-Chlorophenol
Concen: 49.514 ng
RT: 7.737 min Scan# 757
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:128 Resp: 85027
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 53.4 30.2 70.2





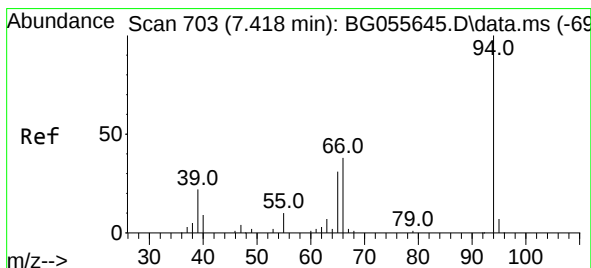
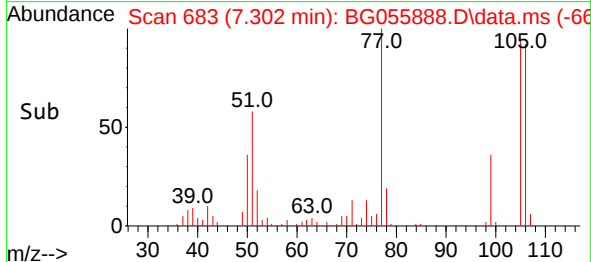
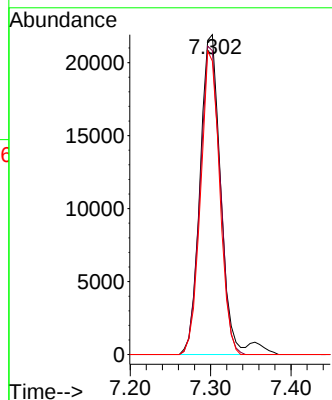
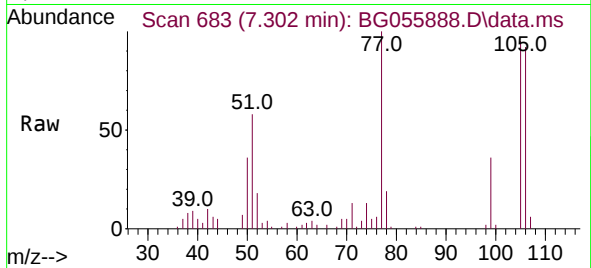
#9
Benzaldehyde
Concen: 29.162 ng m
RT: 7.302 min Scan# 683
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Tgt Ion: 77 Resp: 39602
Ion Ratio Lower Upper
77 100
105 95.0 76.3 116.3
106 91.7 69.8 109.8

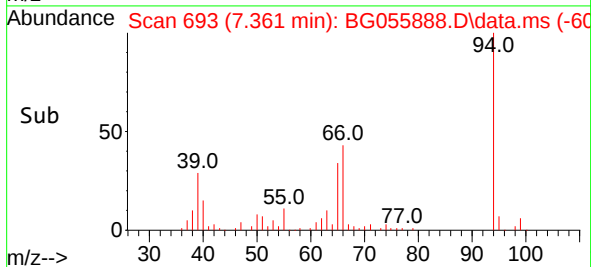
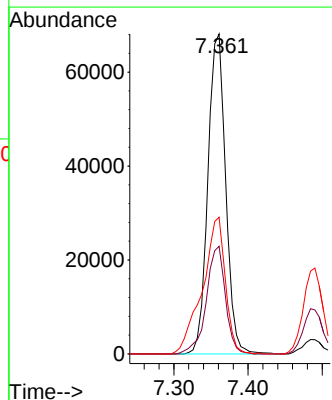
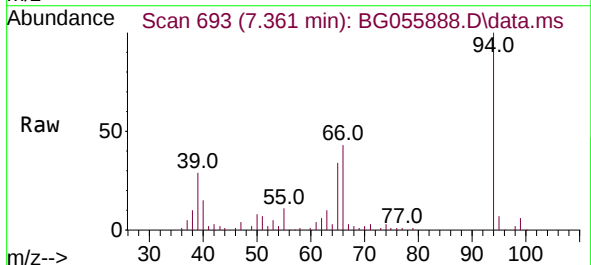
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 50.605 ng
RT: 7.361 min Scan# 693
Delta R.T. 0.008 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion: 94 Resp: 113304
Ion Ratio Lower Upper
94 100
65 33.6 11.8 51.8
66 42.7 20.5 60.5





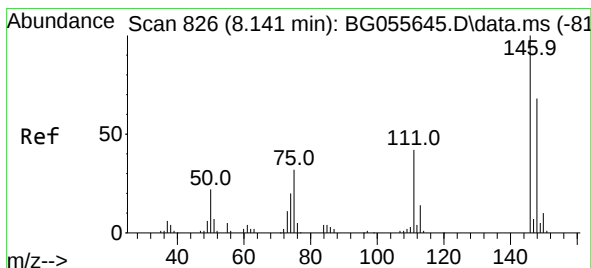
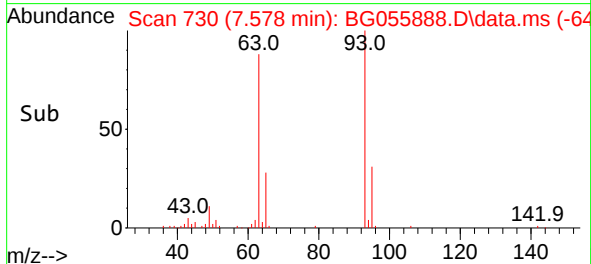
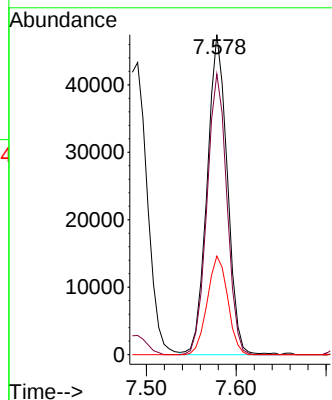
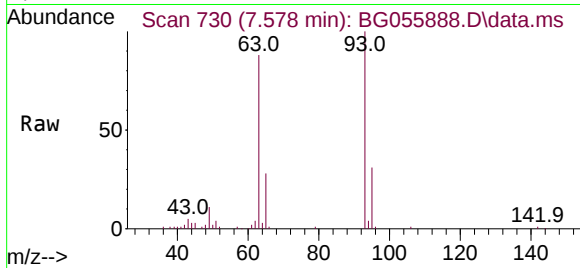
#11
bis(2-Chloroethyl)ether
Concen: 43.228 ng
RT: 7.578 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Tgt Ion: 93 Resp: 74172
Ion Ratio Lower Upper
93 100
63 87.7 67.6 107.6
95 30.8 11.8 51.8

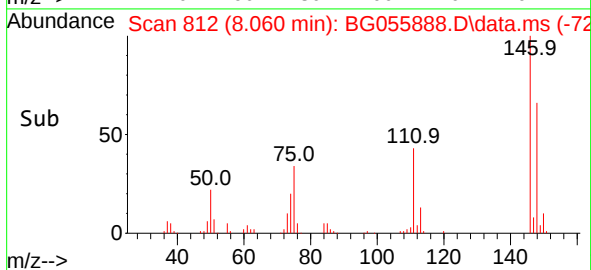
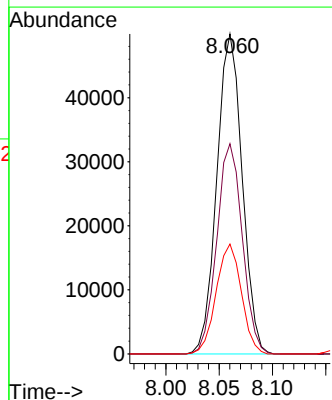
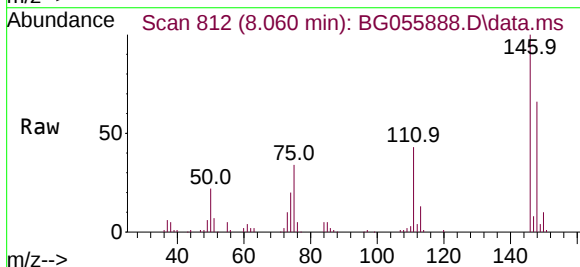
Manual Integrations
APPROVED

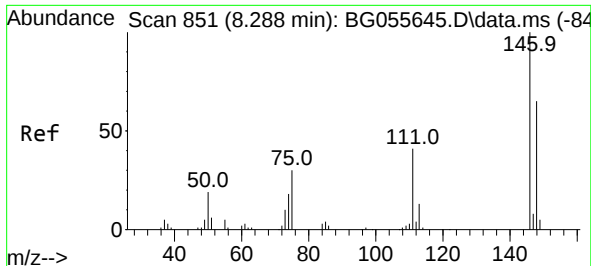
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#12
1,3-Dichlorobenzene
Concen: 41.027 ng
RT: 8.060 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

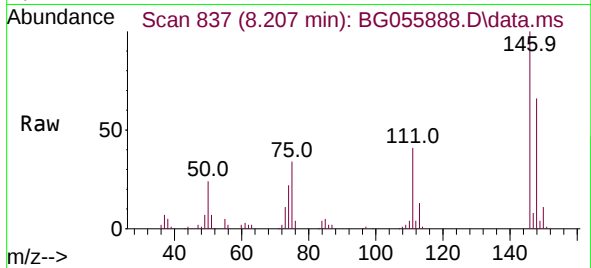
Tgt Ion:146 Resp: 82833
Ion Ratio Lower Upper
146 100
148 65.7 54.6 81.8
75 34.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 41.417 ng
RT: 8.207 min Scan# 841
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

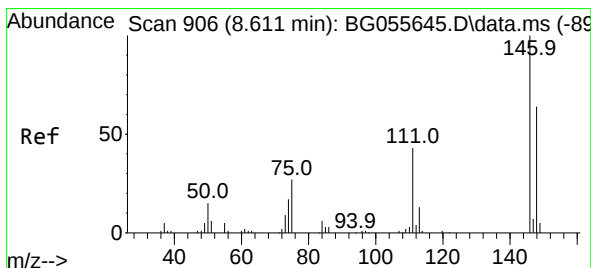
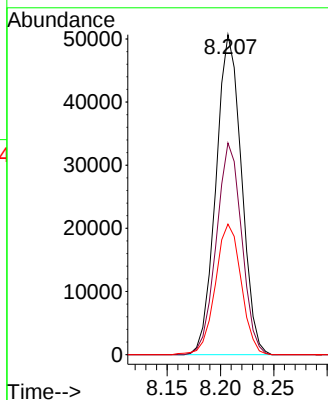
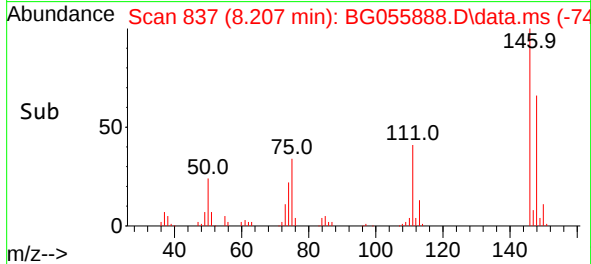
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



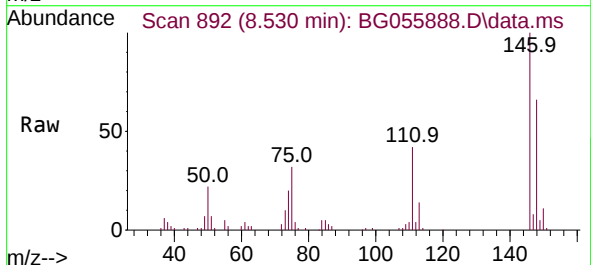
Tgt Ion:146 Resp: 84499
Ion Ratio Lower Upper
146 100
148 66.1 52.1 78.1
111 40.8 33.0 49.4

Manual Integrations
APPROVED

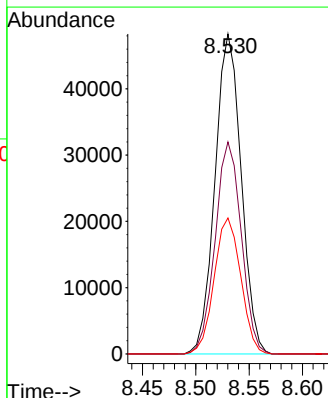
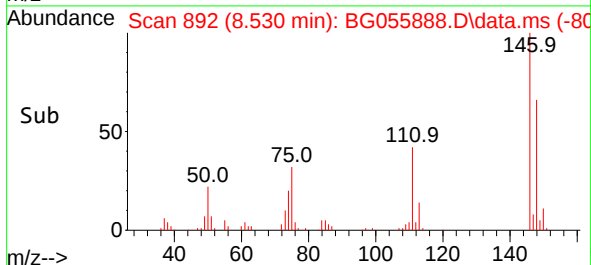
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#14
1,2-Dichlorobenzene
Concen: 42.207 ng
RT: 8.530 min Scan# 892
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion:146 Resp: 82516
Ion Ratio Lower Upper
146 100
148 66.2 50.9 76.3
111 42.5 34.5 51.7





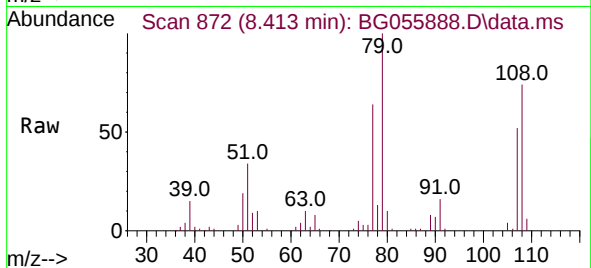
#15
Benzyl Alcohol
Concen: 51.085 ng m
RT: 8.413 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

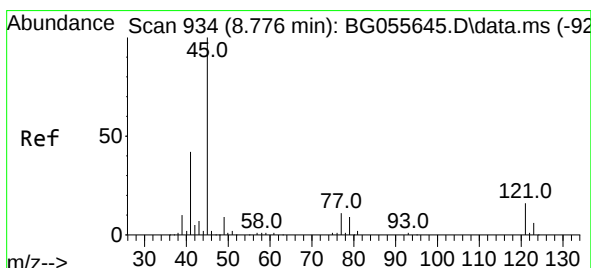
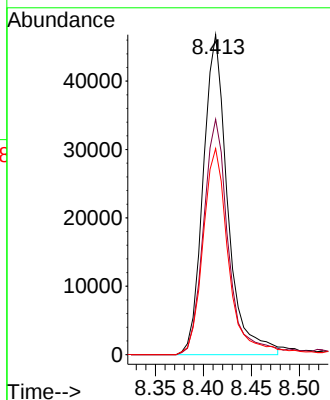
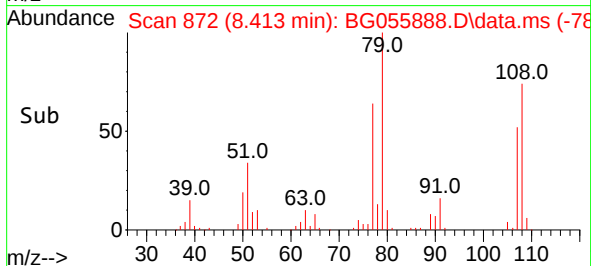


Tgt Ion: 79 Resp: 83020
Ion Ratio Lower Upper
79 100
108 73.5 62.6 93.8
77 64.4 52.4 78.6

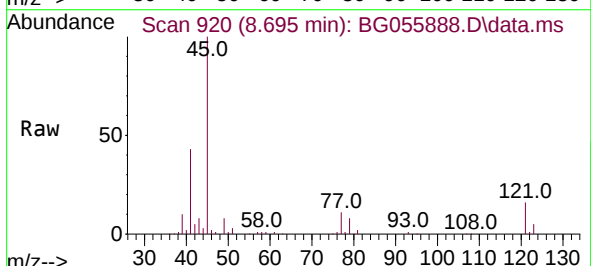
Manual Integrations

APPROVED

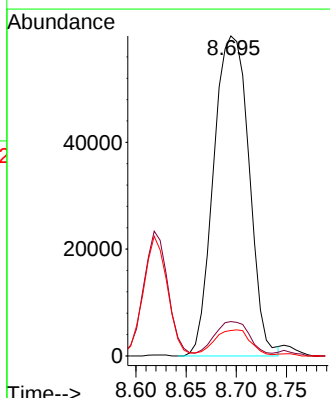
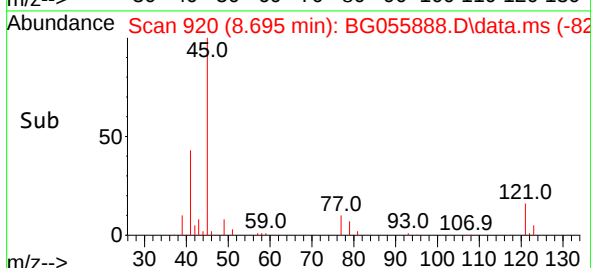
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

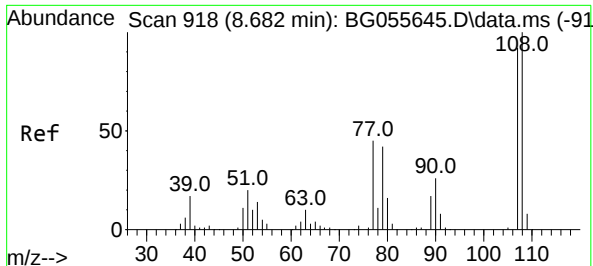


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.339 ng
RT: 8.695 min Scan# 920
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



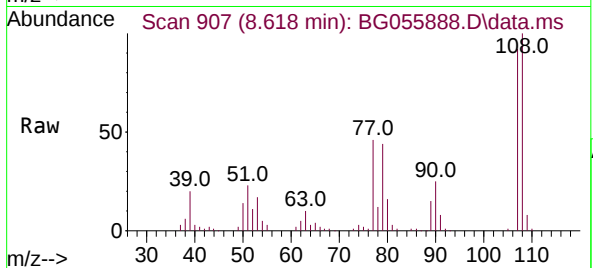
Tgt Ion: 45 Resp: 147044
Ion Ratio Lower Upper
45 100
77 10.7 0.0 31.7
79 7.9 0.0 29.5





#17
2-Methylphenol
Concen: 50.090 ng
RT: 8.618 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

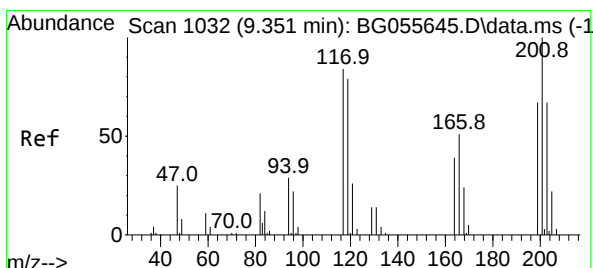
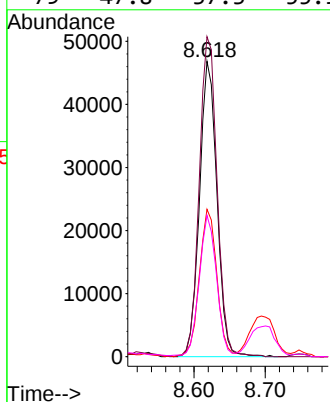
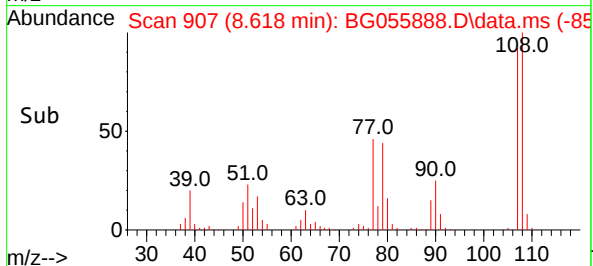
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



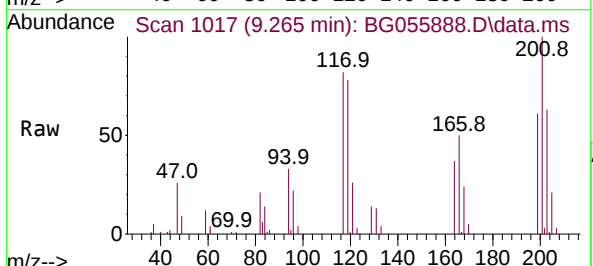
Tgt Ion:	107	Resp:	7962
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.3	130.9
77	49.9	39.4	59.0
79	47.8	37.3	55.9

Manual Integrations
APPROVED

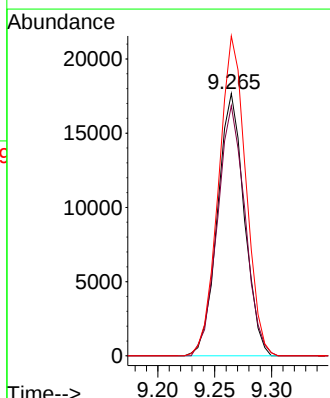
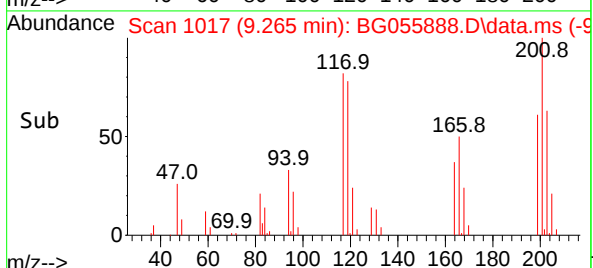
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

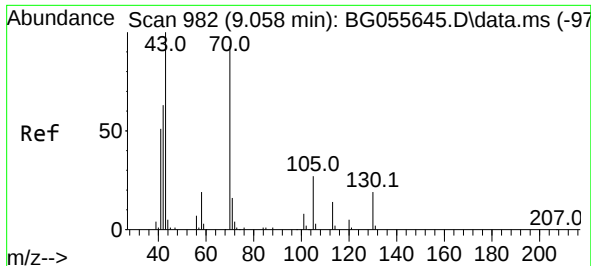


#18
Hexachloroethane
Concen: 41.113 ng
RT: 9.265 min Scan# 1017
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



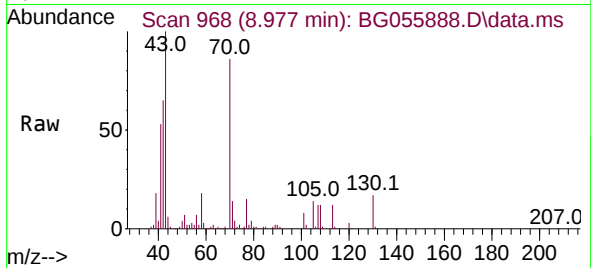
Tgt Ion:	117	Resp:	28870
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.0	114.0
201	125.3	98.6	148.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.481 ng
RT: 8.977 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

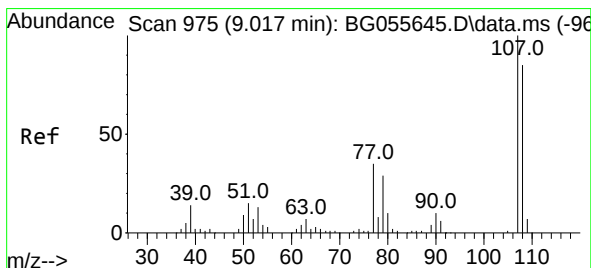
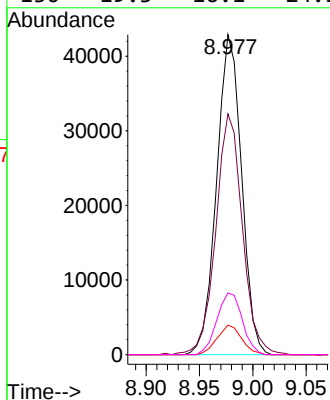
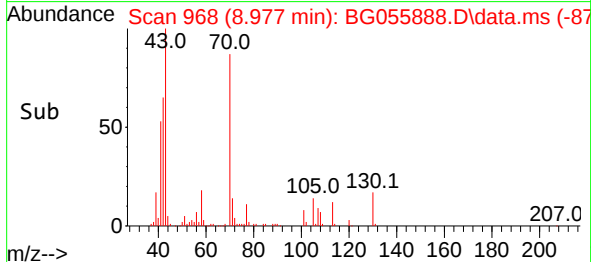
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion: 70 Resp: 69876
Ion Ratio Lower Upper
70 100
42 75.2 55.2 82.8
101 9.2 7.1 10.7
130 19.3 16.1 24.1

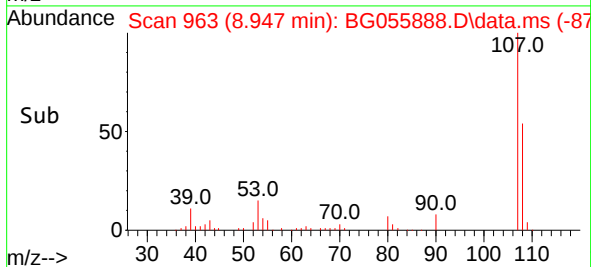
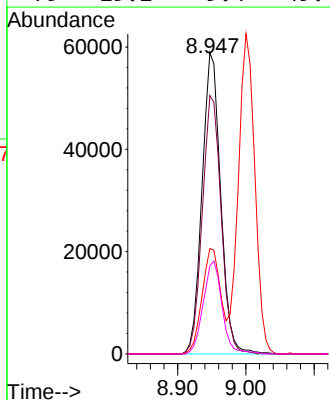
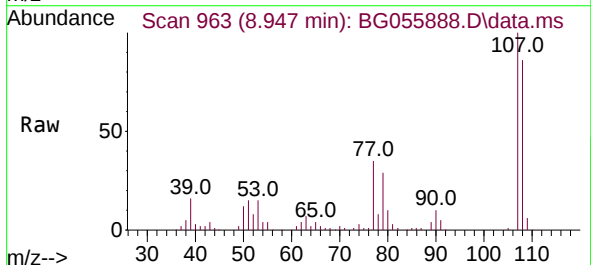
Manual Integrations
APPROVED

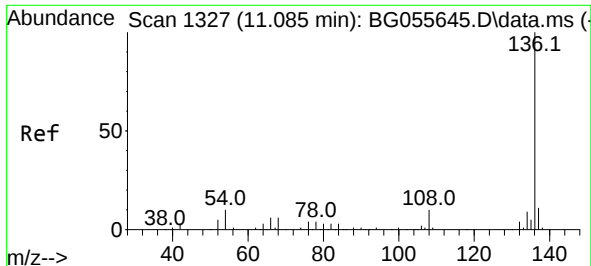
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#20
3+4-Methylphenols
Concen: 50.217 ng
RT: 8.947 min Scan# 963
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:107 Resp: 111509
Ion Ratio Lower Upper
107 100
108 85.8 65.5 105.5
77 35.0 14.6 54.6
79 29.2 9.4 49.4





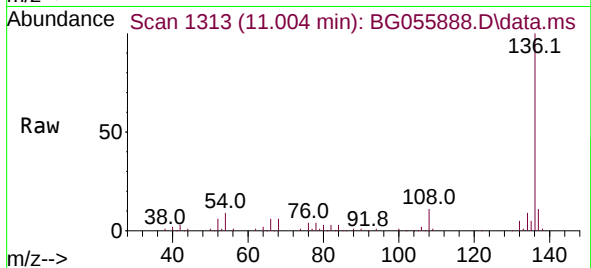
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.004 min Scan# 1327
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

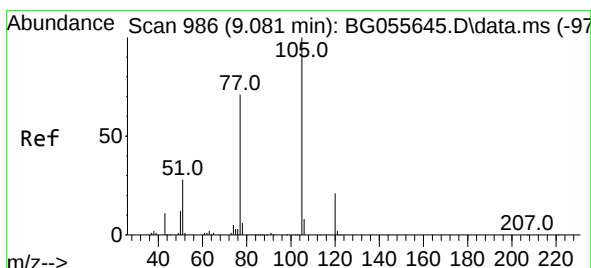
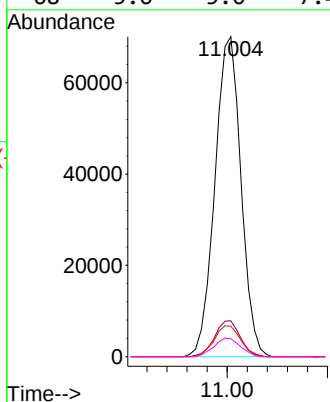
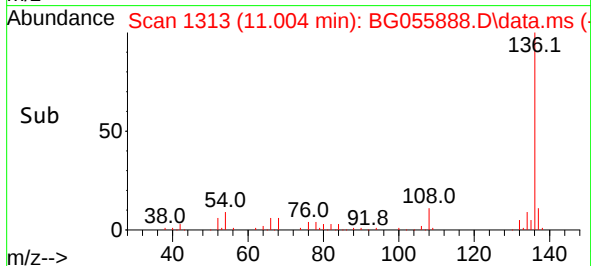


Tgt Ion:136 Resp: 126539
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.5 7.8 11.6
68 5.6 5.0 7.4

Manual Integrations

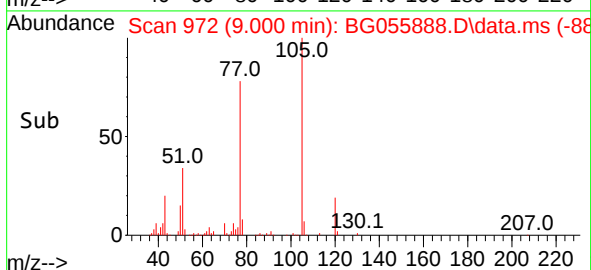
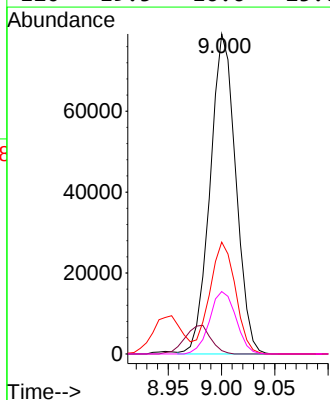
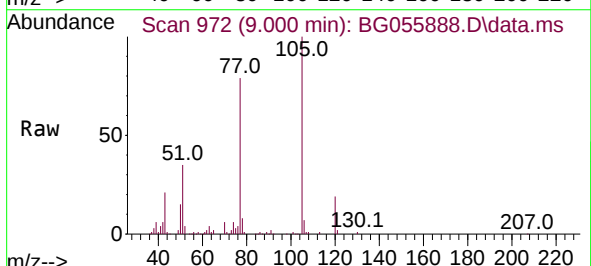
APPROVED

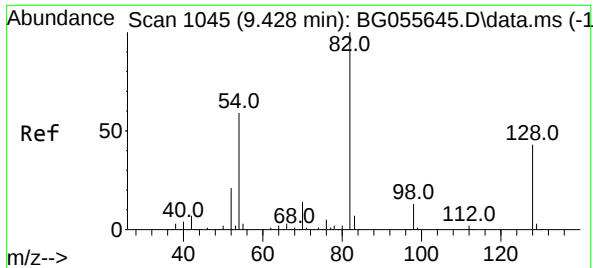
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#22
Acetophenone
Concen: 40.316 ng
RT: 9.000 min Scan# 972
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:105 Resp: 132565
Ion Ratio Lower Upper
105 100
71 1.0 0.6 1.0#
51 34.9 24.5 36.7
120 19.5 16.6 25.0





#23
Nitrobenzene-d5
Concen: 69.579 ng
RT: 9.347 min Scan# 1031
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

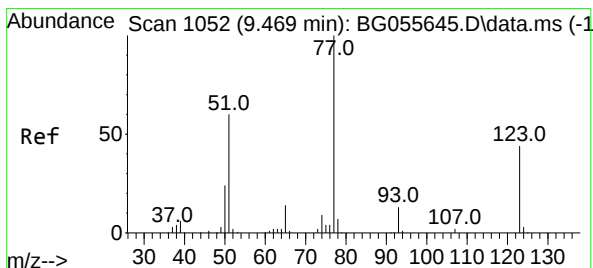
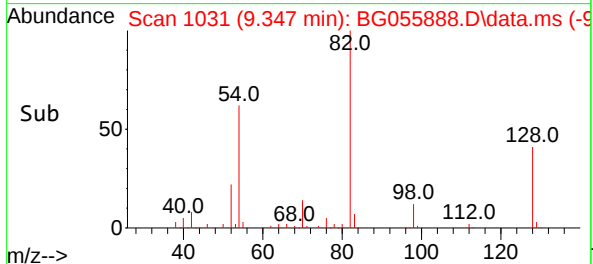
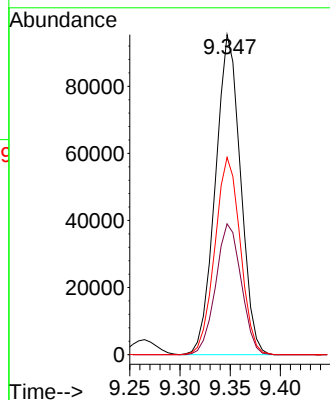
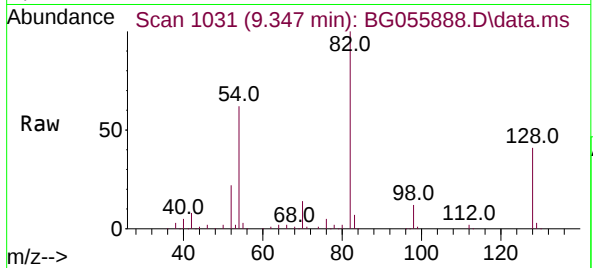
ML-4MSD

Tgt Ion: 82 Resp: 166578
Ion Ratio Lower Upper
82 100
128 40.9 34.1 51.1
54 61.6 47.3 70.9

Manual Integrations

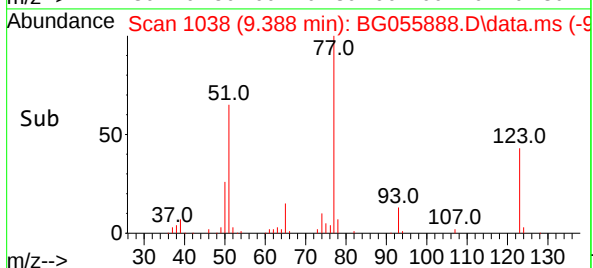
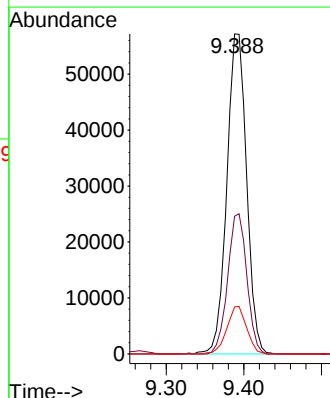
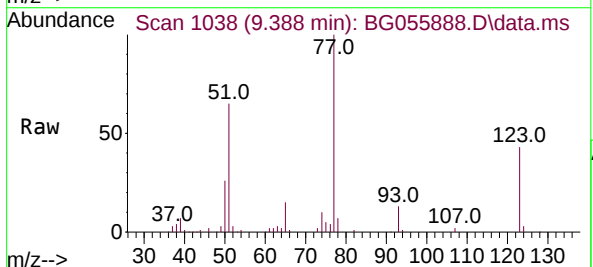
APPROVED

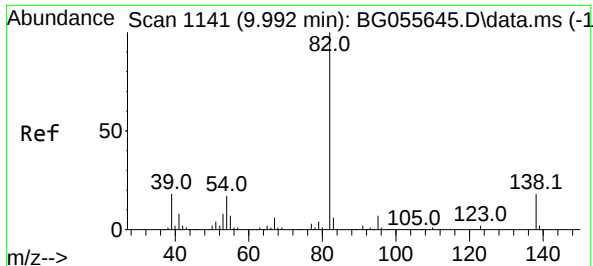
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#24
Nitrobenzene
Concen: 40.519 ng
RT: 9.388 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

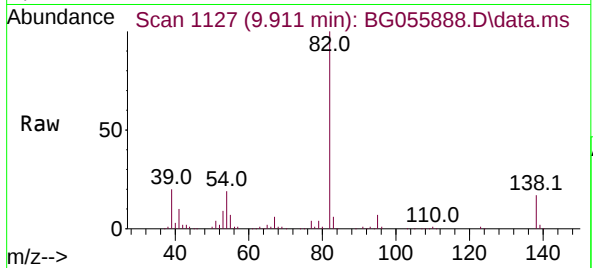
Tgt Ion: 77 Resp: 101325
Ion Ratio Lower Upper
77 100
123 43.0 35.5 53.3
65 14.7 11.5 17.3





#25
Isophorone
Concen: 43.809 ng
RT: 9.911 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

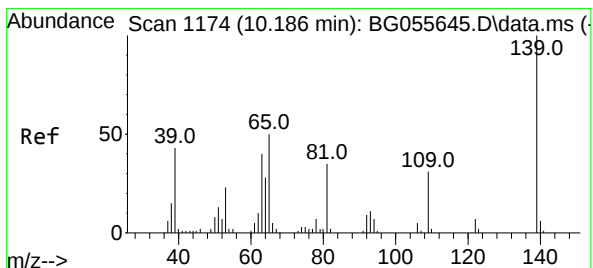
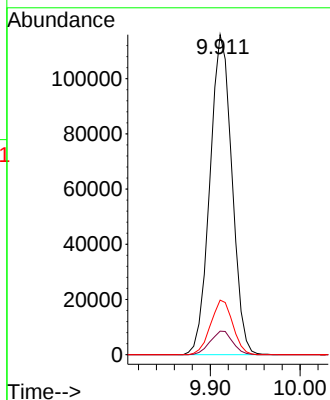
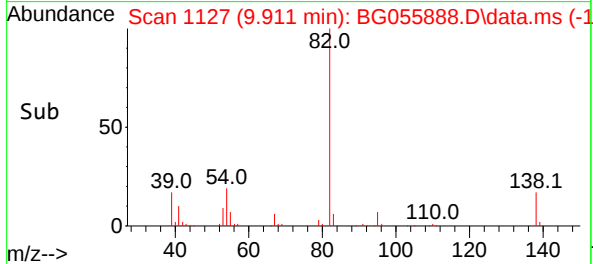
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion: 82 Resp: 198726
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.0 14.2 21.4

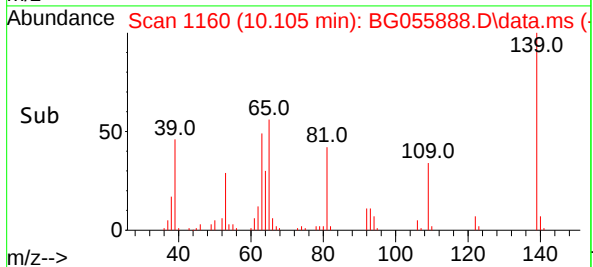
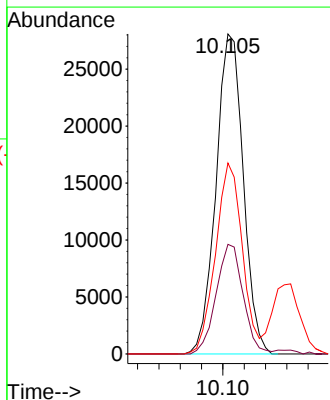
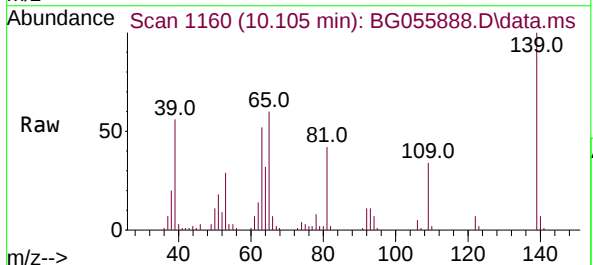
Manual Integrations
APPROVED

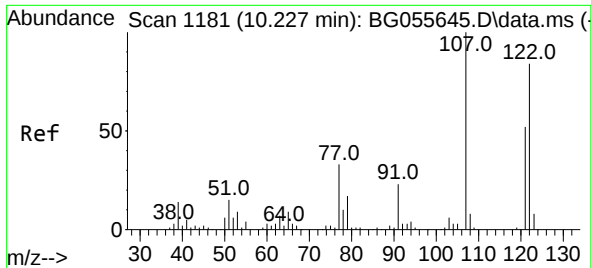
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#26
2-Nitrophenol
Concen: 43.269 ng
RT: 10.105 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:139 Resp: 49950
Ion Ratio Lower Upper
139 100
109 34.2 24.4 36.6
65 59.6 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 53.760 ng m

RT: 10.158 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

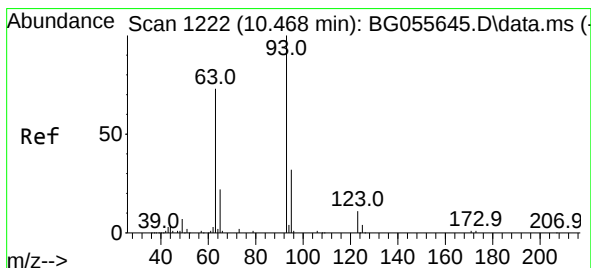
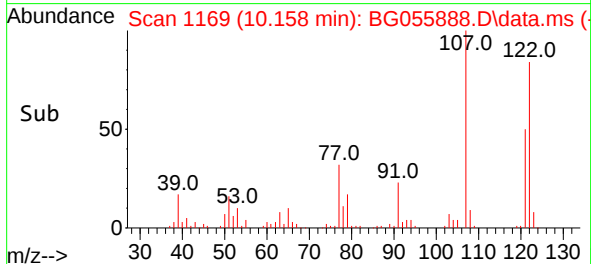
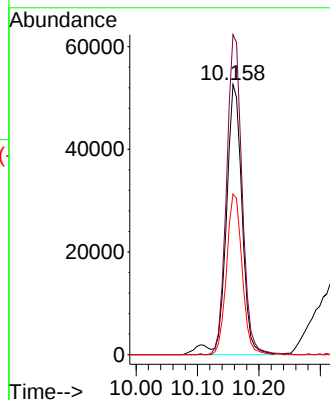
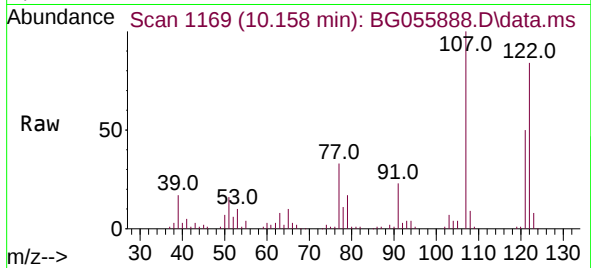
ML-4MSD

Tgt Ion:122 Resp: 94453
 Ion Ratio Lower Upper
 122 100
 107 118.5 95.8 143.6
 121 59.5 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: 46.036 ng

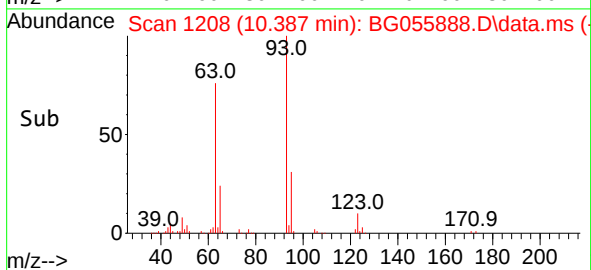
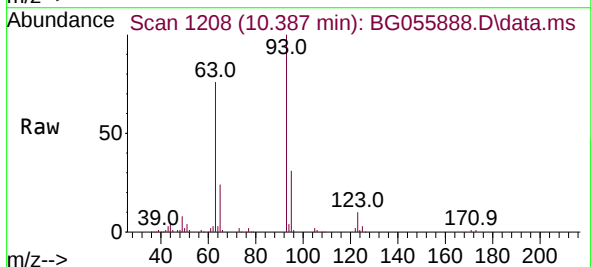
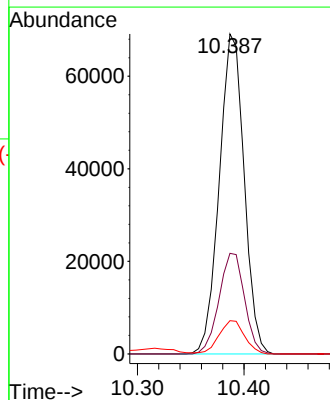
RT: 10.387 min Scan# 1208

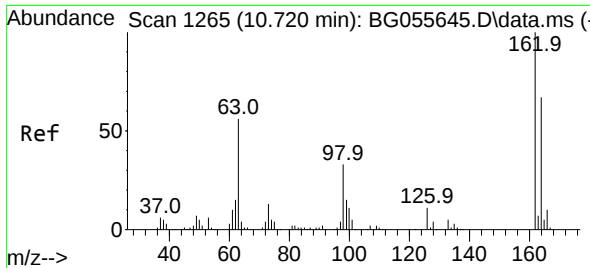
Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

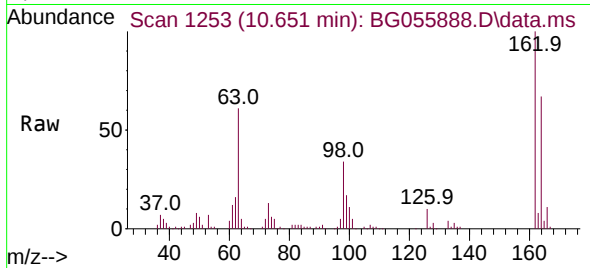
Tgt Ion: 93 Resp: 112109
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.7 38.5
 123 10.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.829 ng
RT: 10.651 min Scan# 1253
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

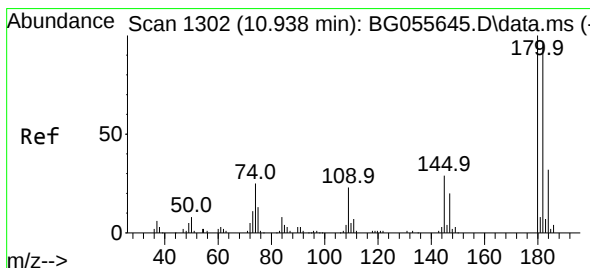
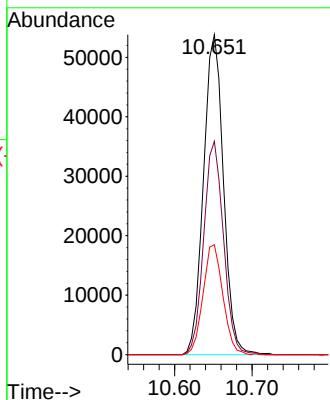
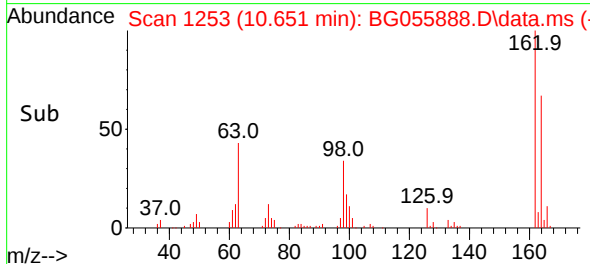
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



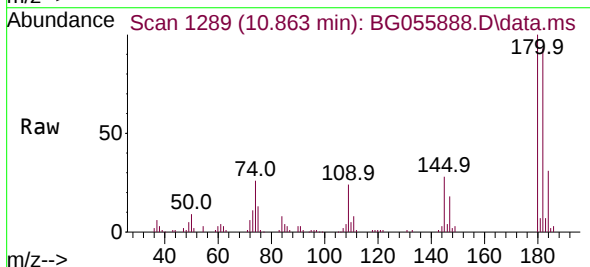
Tgt Ion:162 Resp: 96375
Ion Ratio Lower Upper
162 100
164 66.7 46.7 86.7
98 34.3 12.8 52.8

Manual Integrations
APPROVED

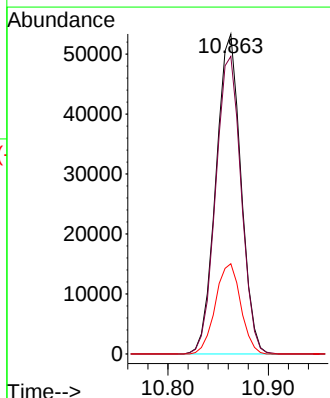
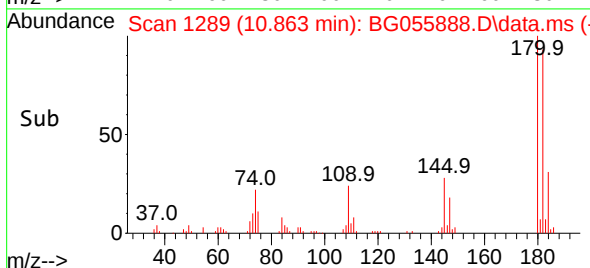
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

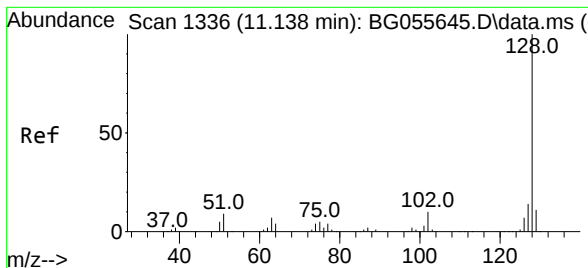


#30
1,2,4-Trichlorobenzene
Concen: 37.766 ng
RT: 10.863 min Scan# 1289
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



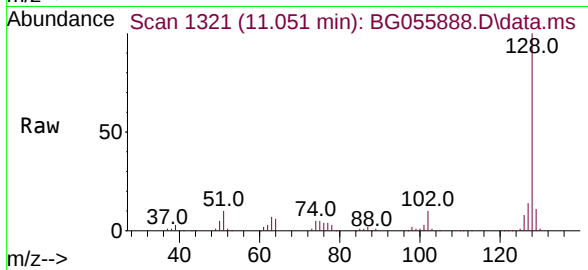
Tgt Ion:180 Resp: 92266
Ion Ratio Lower Upper
180 100
182 93.0 77.1 115.7
145 28.2 22.9 34.3





#31
Naphthalene
Concen: 39.211 ng
RT: 11.051 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

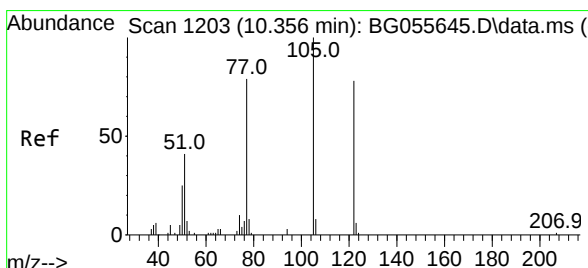
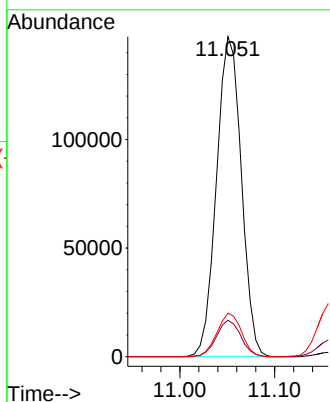
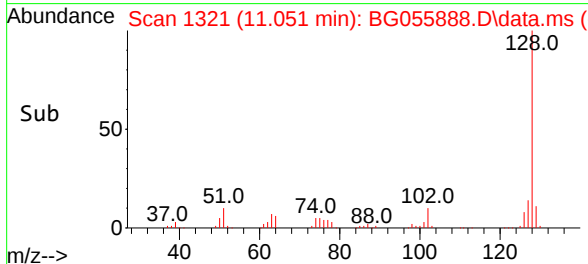
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:128 Resp: 26822
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.6 10.9 16.3

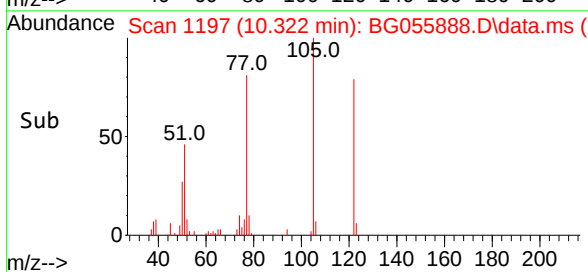
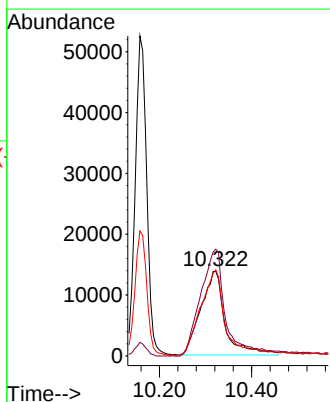
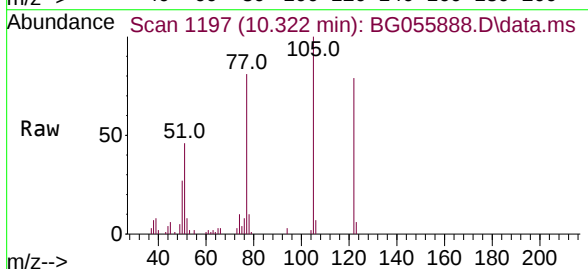
Manual Integrations
APPROVED

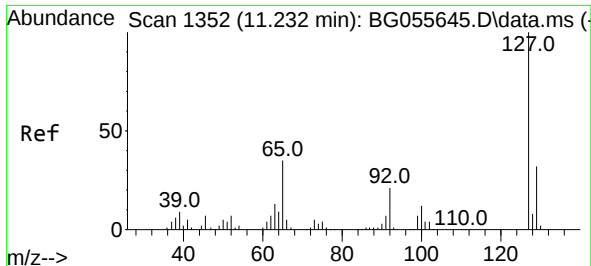
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#32
Benzoic acid
Concen: 34.961 ng
RT: 10.322 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:122 Resp: 50536
Ion Ratio Lower Upper
122 100
105 126.0 104.3 144.3
77 101.6 79.9 119.9





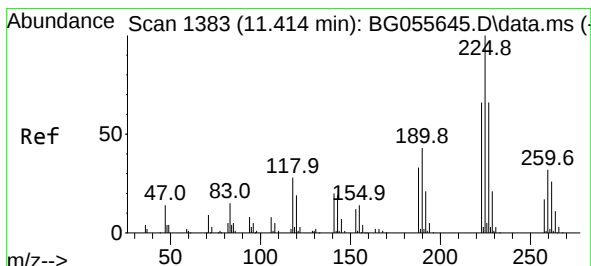
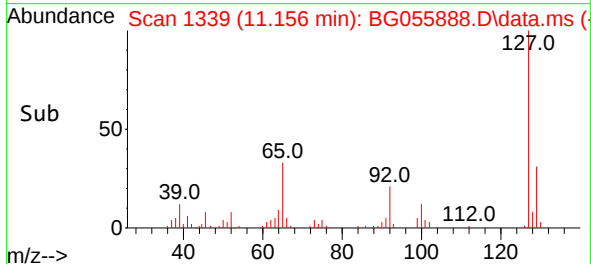
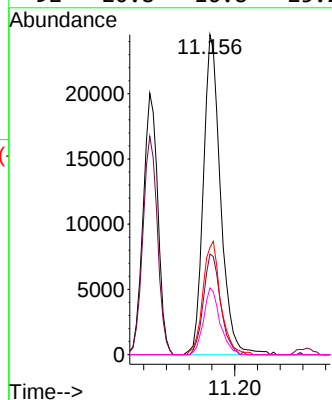
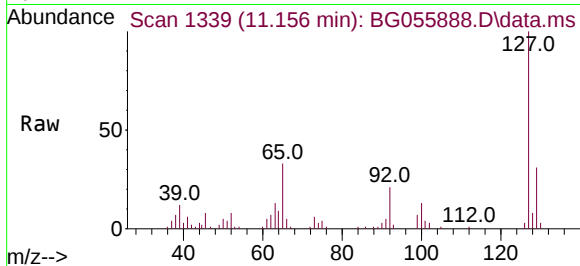
#33
4-Chloroaniline
Concen: 18.229 ng
RT: 11.156 min Scan# 1339
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Tgt Ion:	127	Resp:	51438
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.9	38.9
65	33.5	27.9	41.9
92	20.8	16.8	25.2

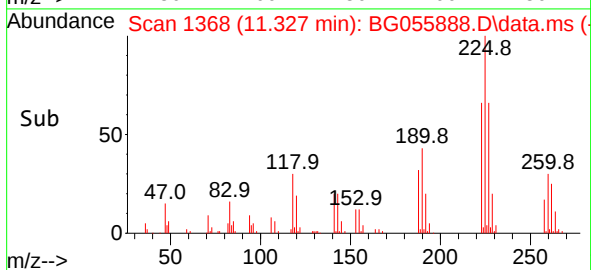
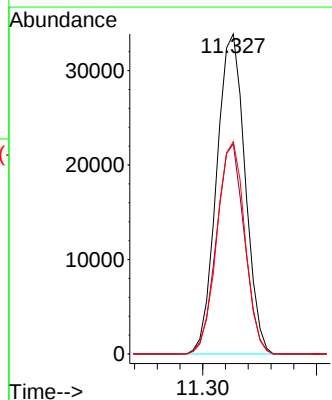
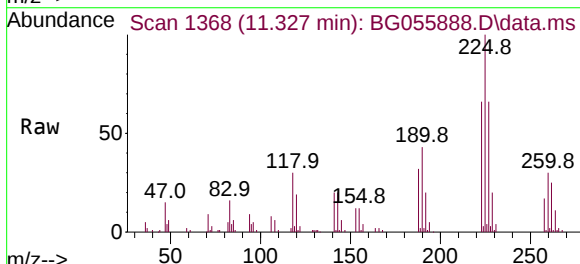
Manual Integrations
APPROVED

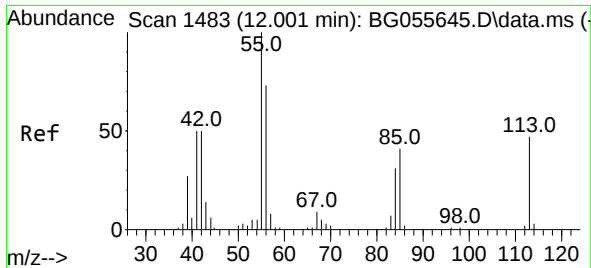
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#34
Hexachlorobutadiene
Concen: 35.305 ng
RT: 11.327 min Scan# 1368
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:	225	Resp:	58897
Ion Ratio	Lower	Upper	
225	100		
223	65.6	52.9	79.3
227	66.3	52.6	79.0





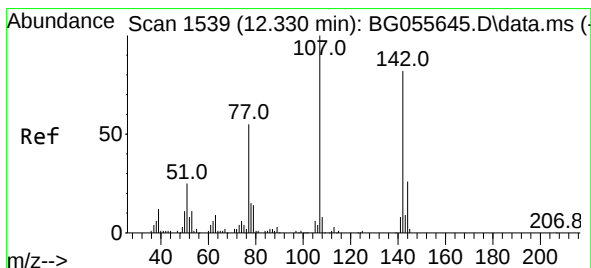
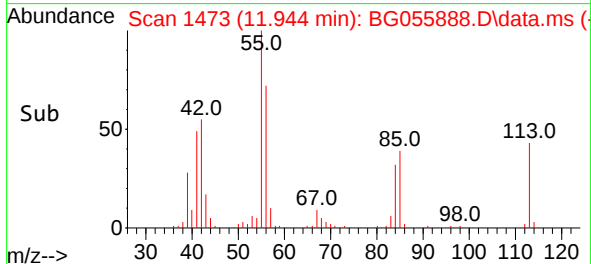
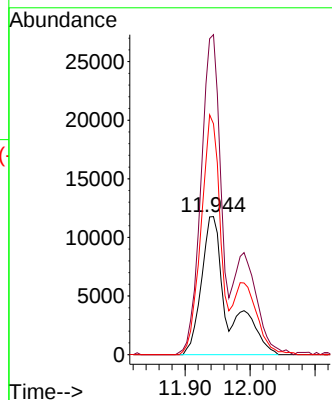
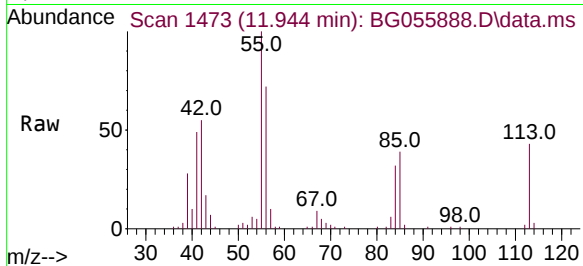
#35
Caprolactam
Concen: 46.474 ng m
RT: 11.944 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Tgt Ion:113 Resp: 33820
Ion Ratio Lower Upper
113 100
55 232.0 193.5 233.5
56 167.3 135.2 175.2

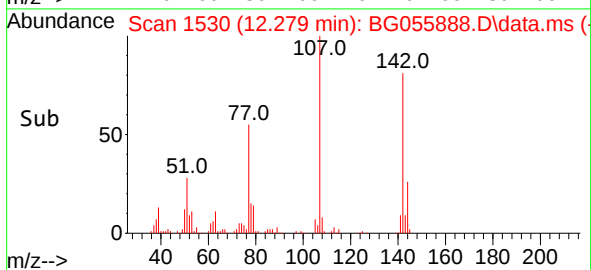
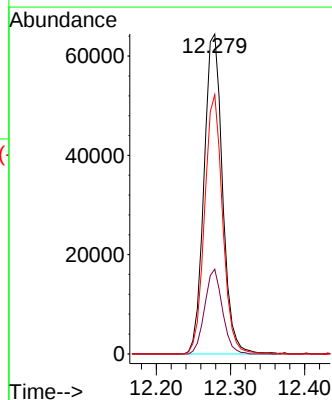
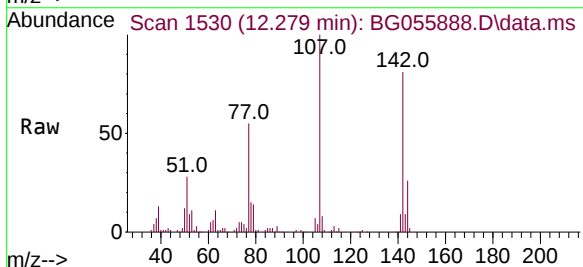
Manual Integrations
APPROVED

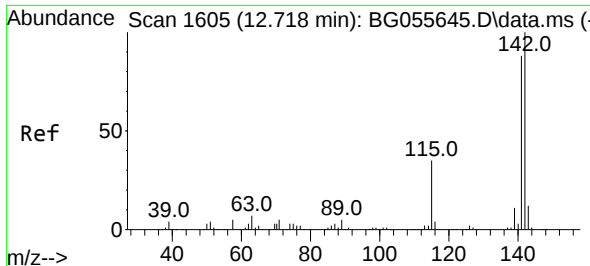
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#36
4-Chloro-3-methylphenol
Concen: 48.291 ng
RT: 12.279 min Scan# 1530
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

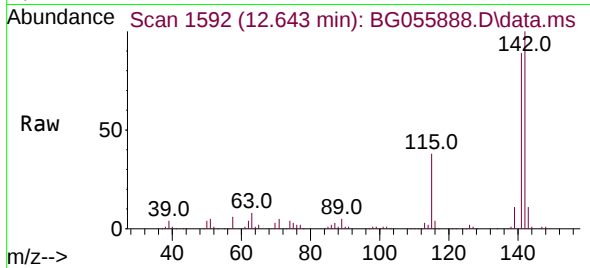
Tgt Ion:107 Resp: 111616
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.4
142 81.0 65.9 98.9





#37
2-Methylnaphthalene
Concen: 40.806 ng
RT: 12.643 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

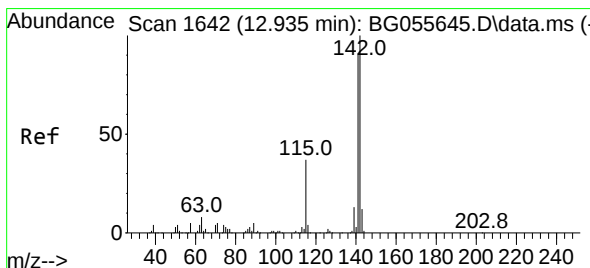
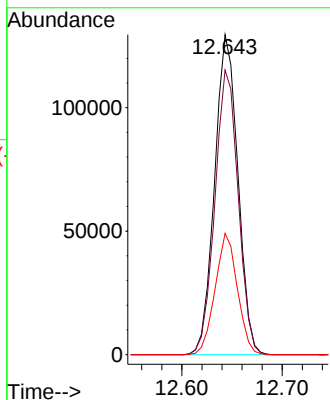
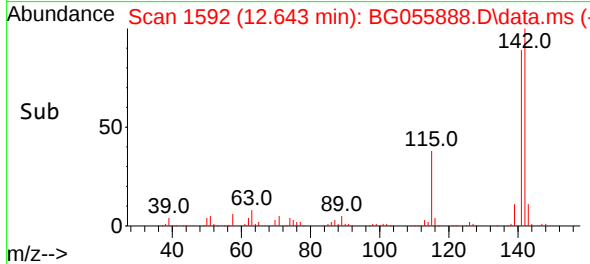
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:142 Resp: 208997
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 37.9 27.9 41.9

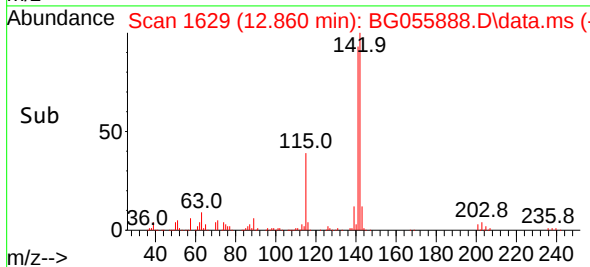
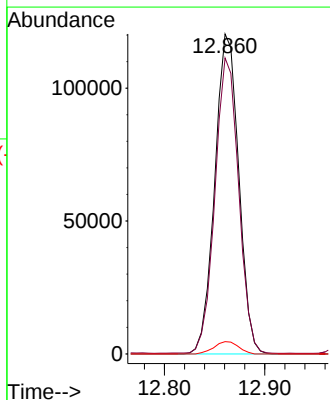
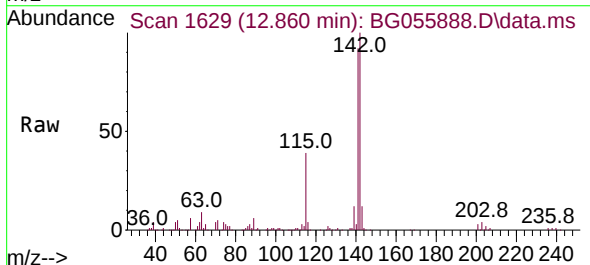
Manual Integrations
APPROVED

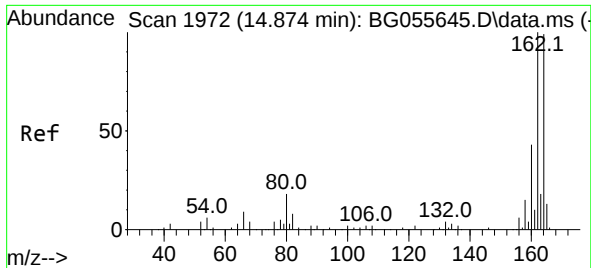
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#38
1-Methylnaphthalene
Concen: 40.175 ng
RT: 12.860 min Scan# 1629
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:142 Resp: 199758
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.4
116 3.8 3.1 4.7





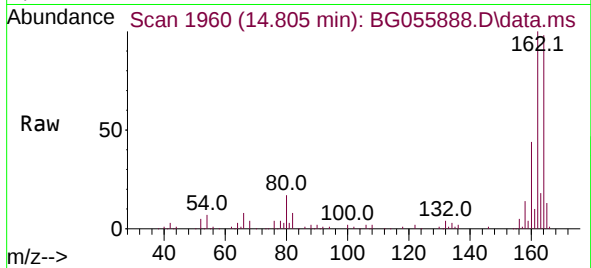
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.805 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

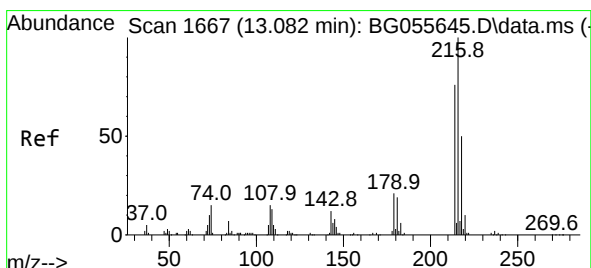
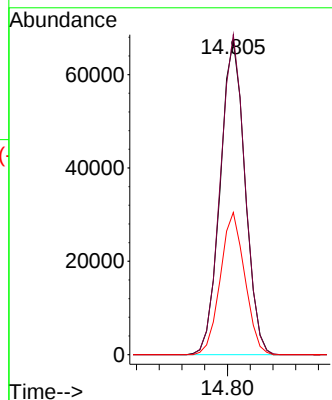
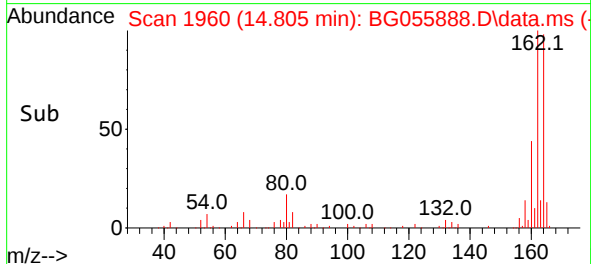


Tgt Ion:164 Resp: 101833
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 45.3 34.8 52.2

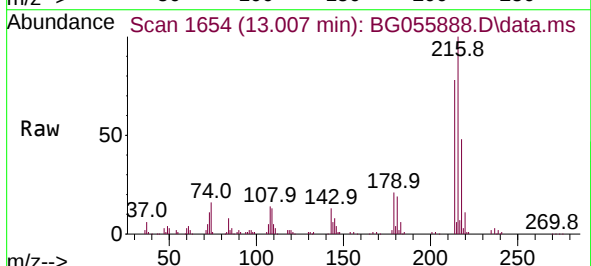
Manual Integrations

APPROVED

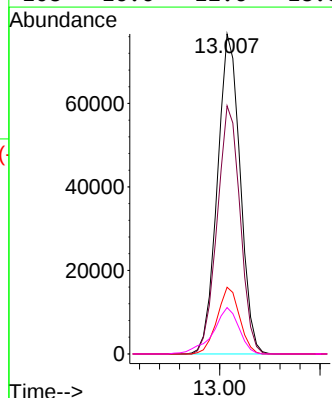
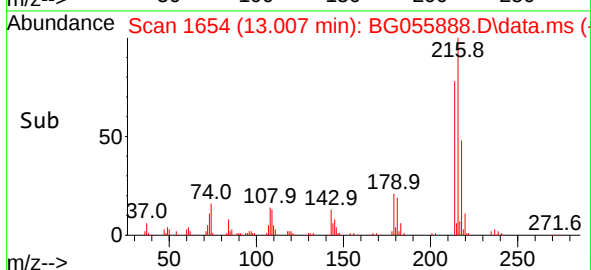
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.757 ng
RT: 13.007 min Scan# 1654
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



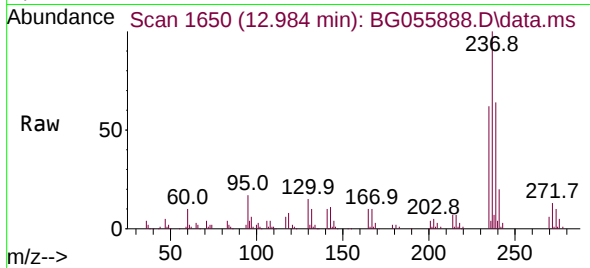
Tgt Ion:216 Resp: 120828
Ion Ratio Lower Upper
216 100
214 77.9 62.1 93.1
179 20.5 16.5 24.7
108 16.6 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 52.461 ng
RT: 12.984 min Scan# 1650
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

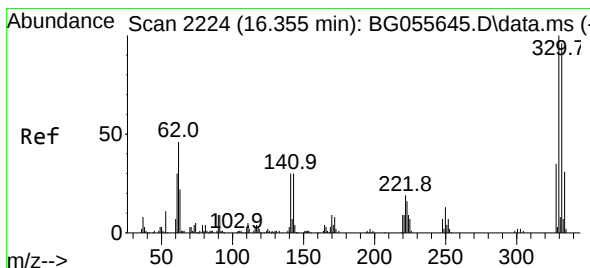
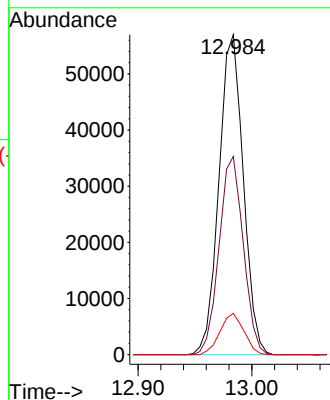
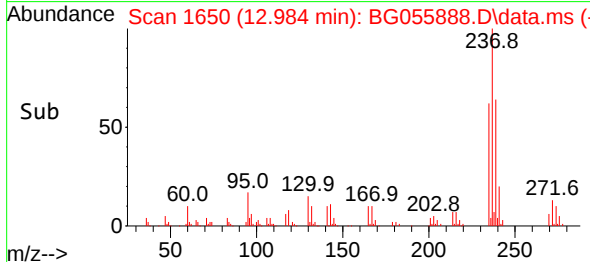
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



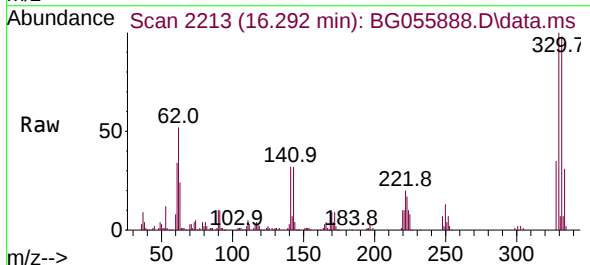
Tgt Ion:237 Resp: 84613
Ion Ratio Lower Upper
237 100
235 61.9 43.7 83.7
272 12.9 0.0 33.6

Manual Integrations
APPROVED

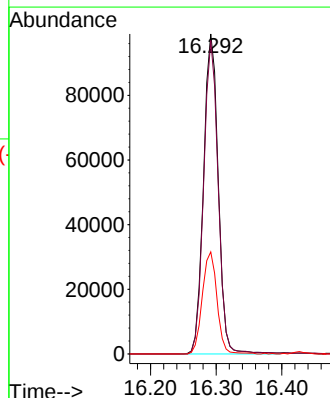
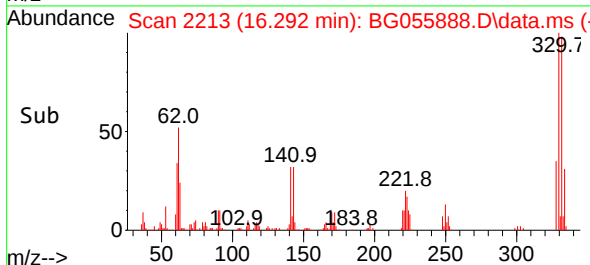
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

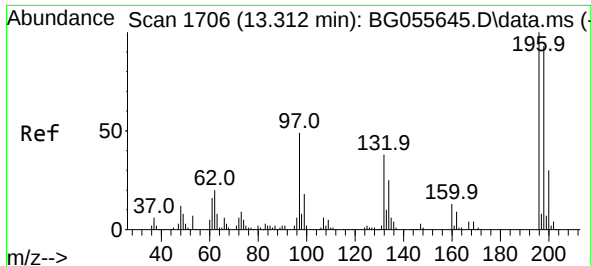


#42
2,4,6-Tribromophenol
Concen: 106.846 ng
RT: 16.292 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



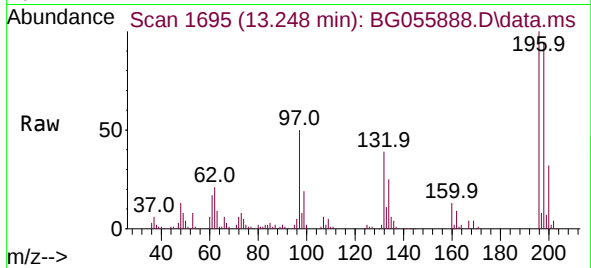
Tgt Ion:330 Resp: 153211
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 31.8 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 40.041 ng
RT: 13.248 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

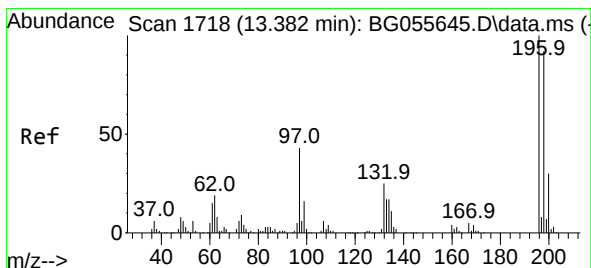
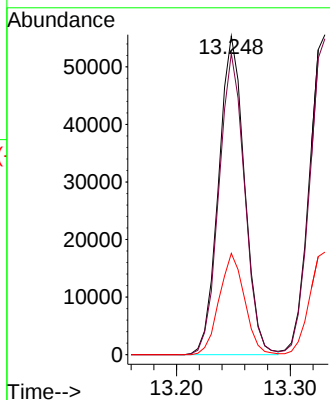
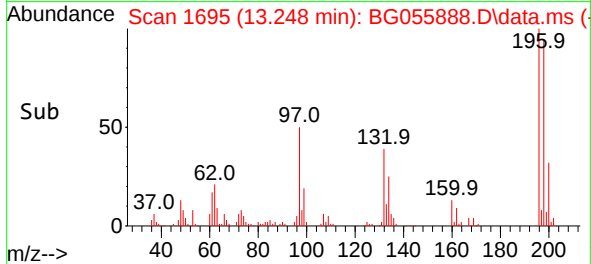
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



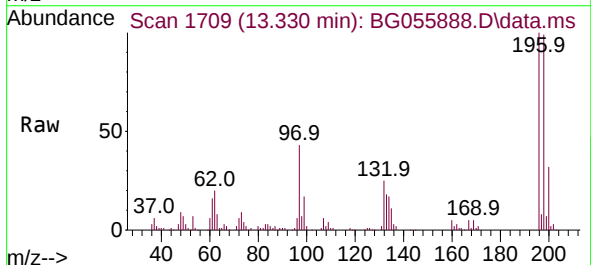
Tgt Ion:196 Resp: 8740
Ion Ratio Lower Upper
196 100
198 94.5 74.6 112.0
200 31.7 23.7 35.5

Manual Integrations
APPROVED

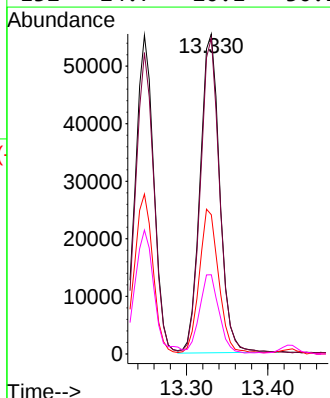
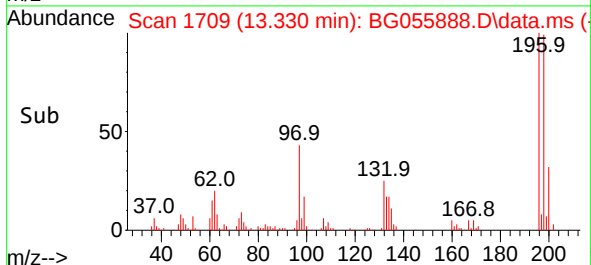
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

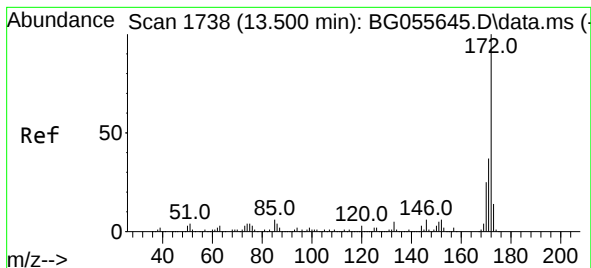


#44
2,4,5-Trichlorophenol
Concen: 38.676 ng
RT: 13.330 min Scan# 1709
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



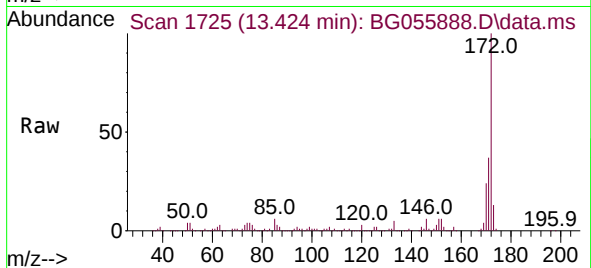
Tgt Ion:196 Resp: 92780
Ion Ratio Lower Upper
196 100
198 98.7 74.1 111.1
97 43.5 34.8 52.2
132 24.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 63.106 ng
RT: 13.424 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

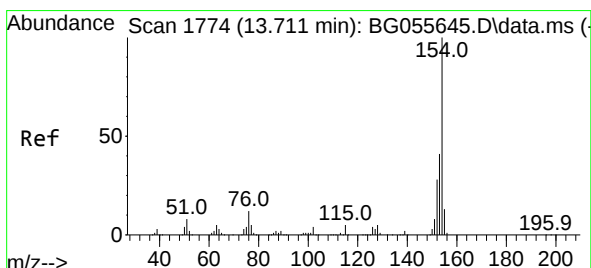
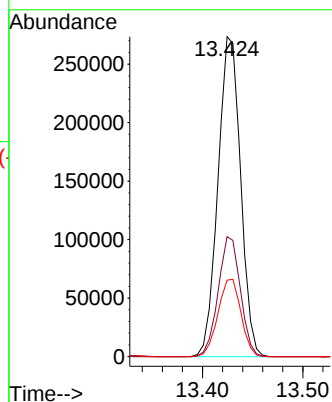
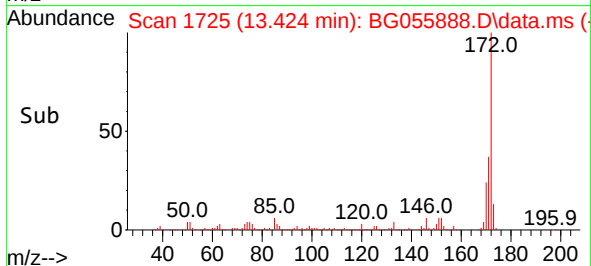
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



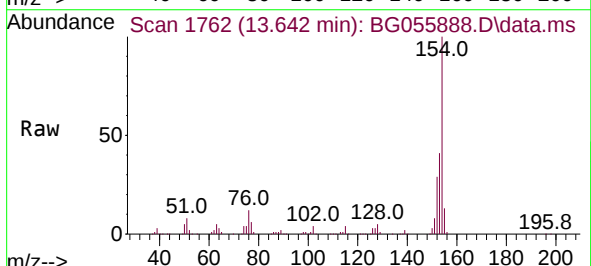
Tgt Ion:172 Resp: 428955
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 23.9 20.2 30.4

Manual Integrations
APPROVED

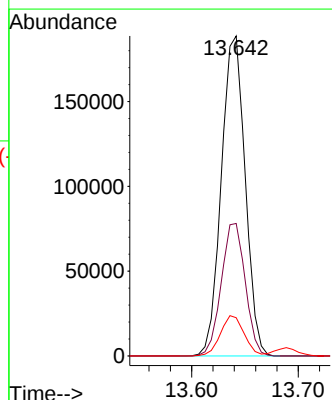
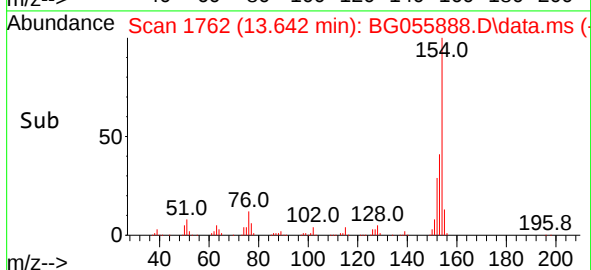
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

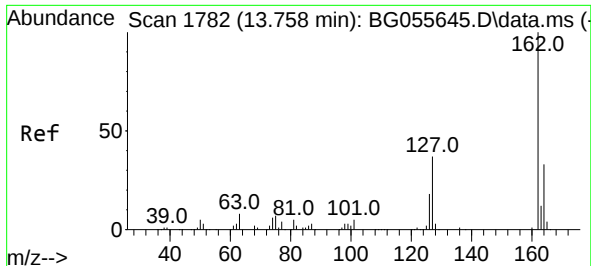


#46
1,1'-Biphenyl
Concen: 39.598 ng
RT: 13.642 min Scan# 1762
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



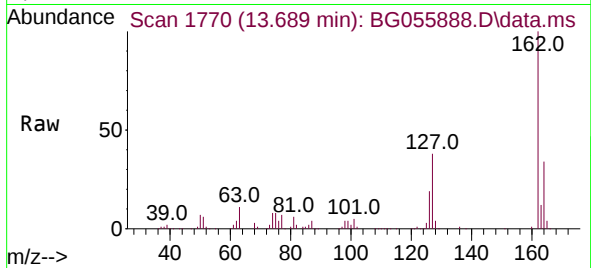
Tgt Ion:154 Resp: 293849
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 11.9 0.0 32.4





#47
2-Chloronaphthalene
Concen: 38.783 ng
RT: 13.689 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

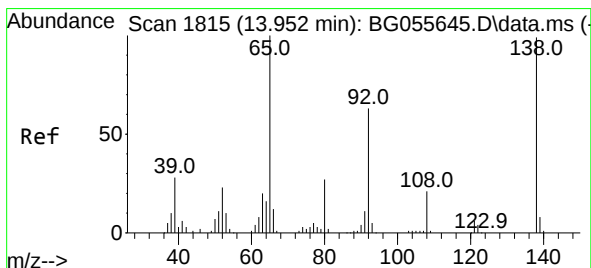
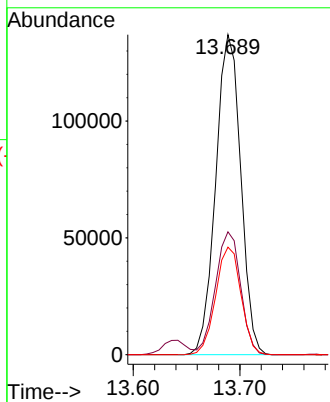
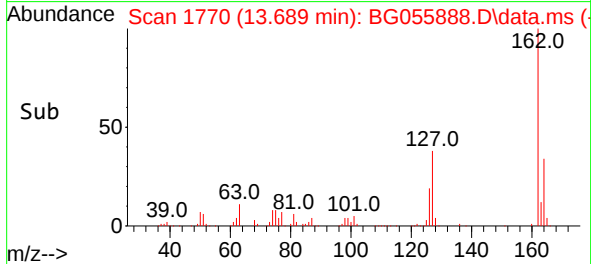
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:162 Resp: 223694
Ion Ratio Lower Upper
162 100
127 38.4 29.9 44.9
164 33.6 26.4 39.6

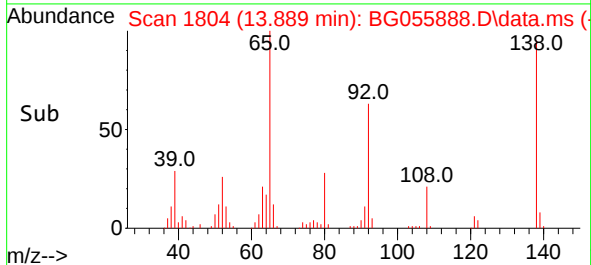
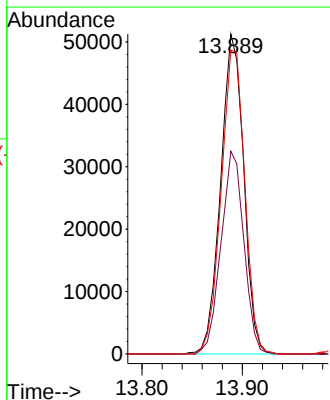
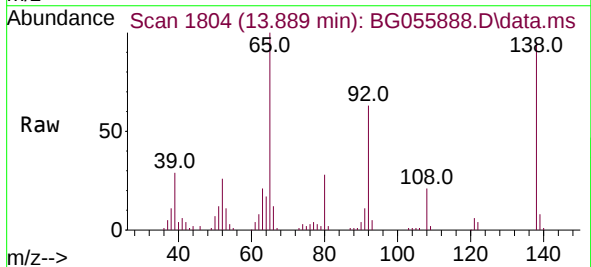
Manual Integrations
APPROVED

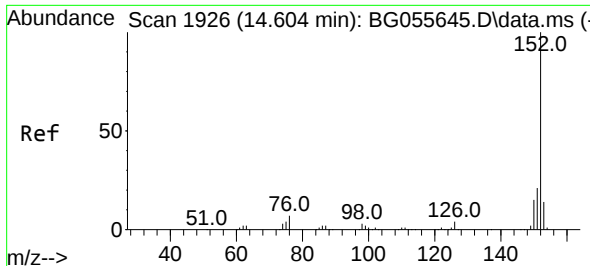
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#48
2-Nitroaniline
Concen: 43.069 ng
RT: 13.889 min Scan# 1804
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

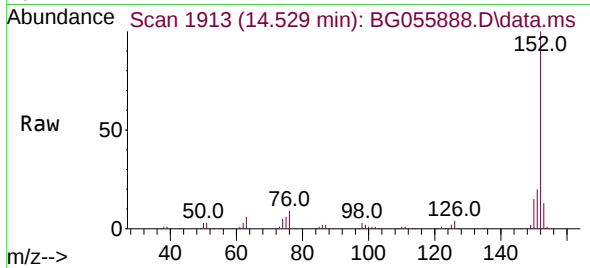
Tgt Ion: 65 Resp: 81673
Ion Ratio Lower Upper
65 100
92 63.3 50.1 75.1
138 95.0 79.4 119.0





#49
Acenaphthylene
Concen: 40.202 ng
RT: 14.529 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

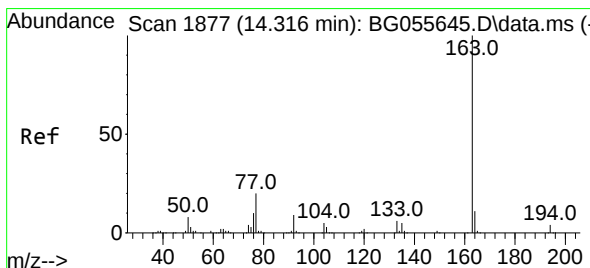
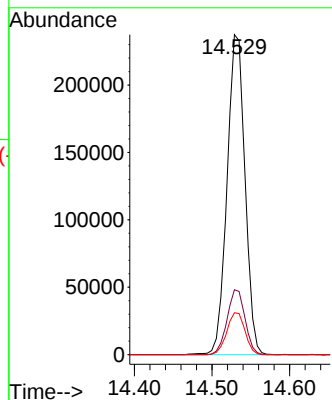
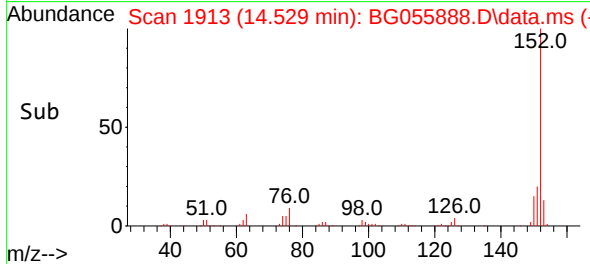
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



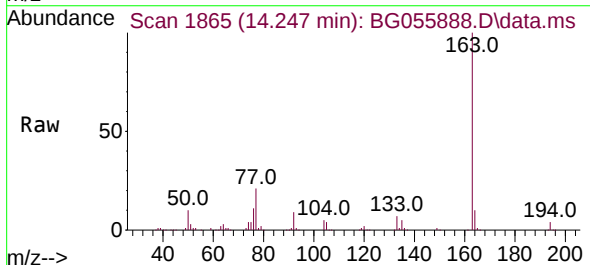
Tgt Ion:152 Resp: 381831
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.1 11.0 16.4

Manual Integrations
APPROVED

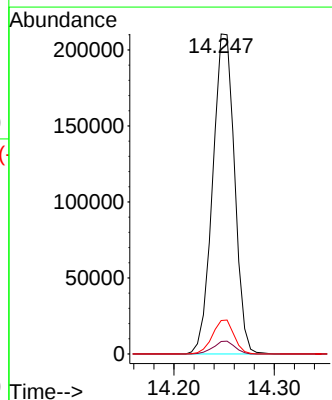
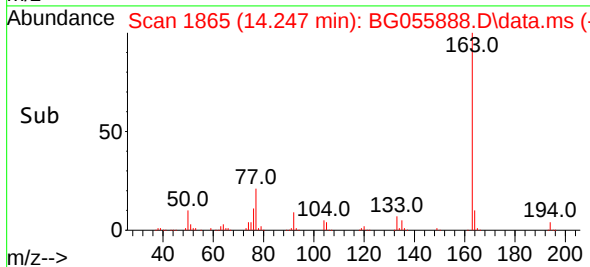
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

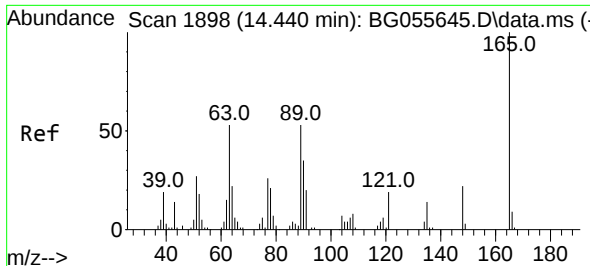


#50
Dimethylphthalate
Concen: 39.251 ng
RT: 14.247 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



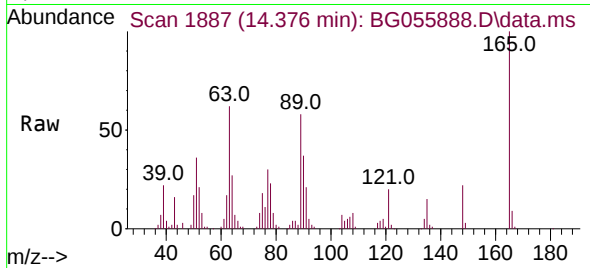
Tgt Ion:163 Resp: 318631
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 40.879 ng
RT: 14.376 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

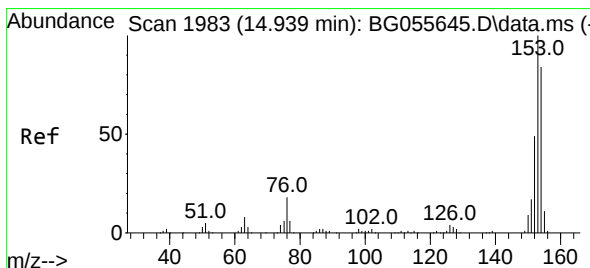
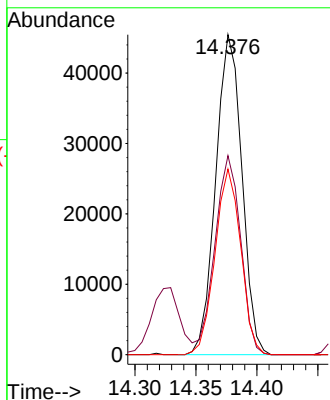
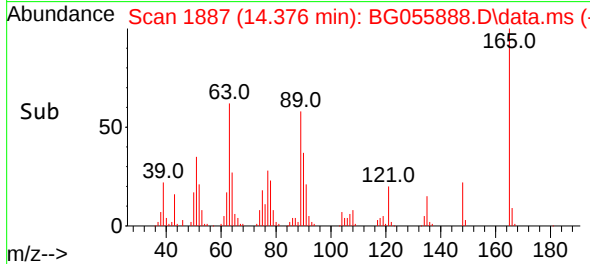
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



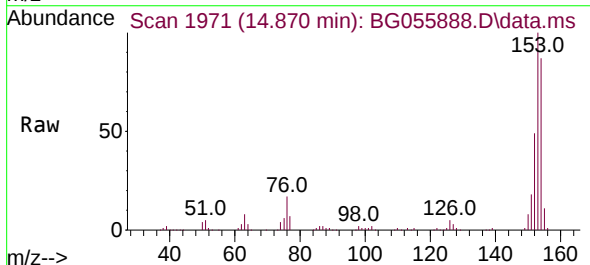
Tgt Ion:165 Resp: 6785
Ion Ratio Lower Upper
165 100
63 62.2 44.6 66.8
89 58.0 42.2 63.4

Manual Integrations
APPROVED

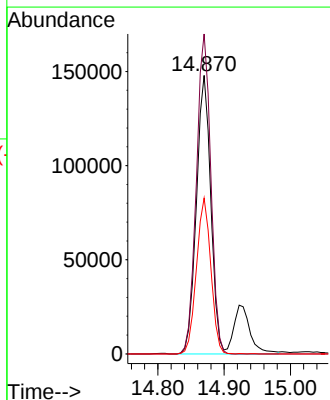
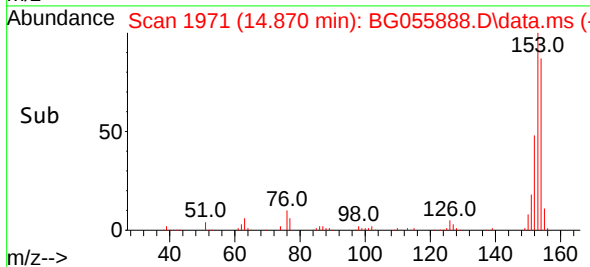
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

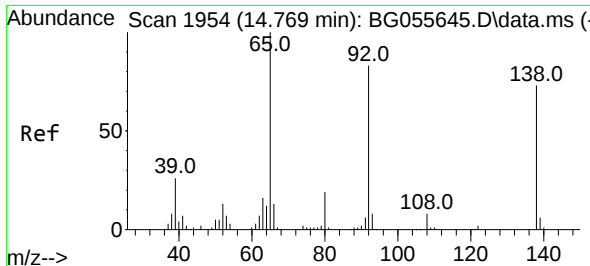


#52
Acenaphthene
Concen: 42.913 ng m
RT: 14.870 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



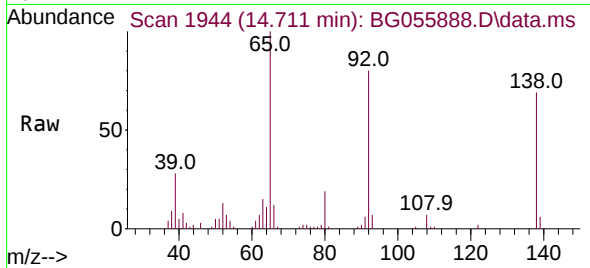
Tgt Ion:154 Resp: 266390
Ion Ratio Lower Upper
154 100
153 114.9 95.0 142.4
152 55.9 46.1 69.1





#53
3-Nitroaniline
Concen: 21.141 ng
RT: 14.711 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

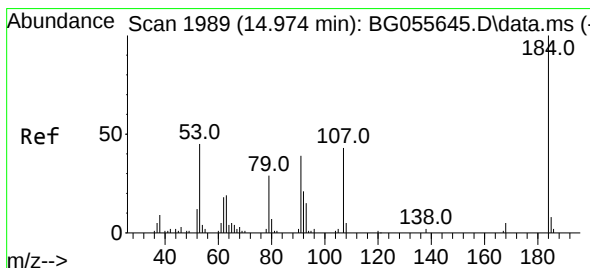
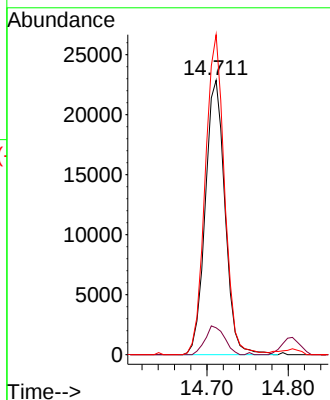
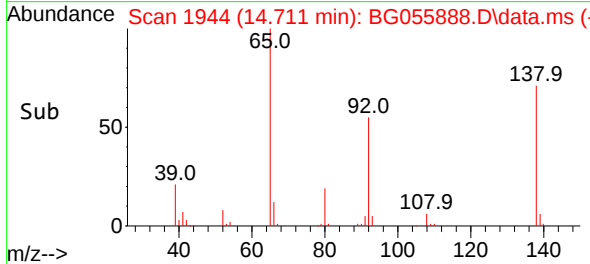
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



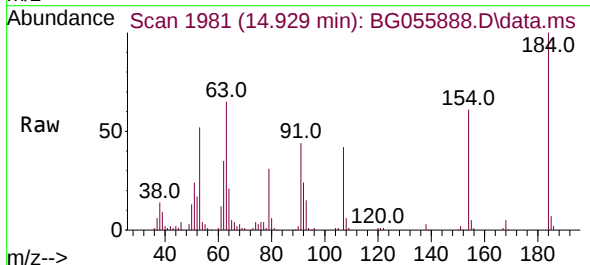
Tgt Ion:138 Resp: 3852
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.7 91.0 136.6

Manual Integrations
APPROVED

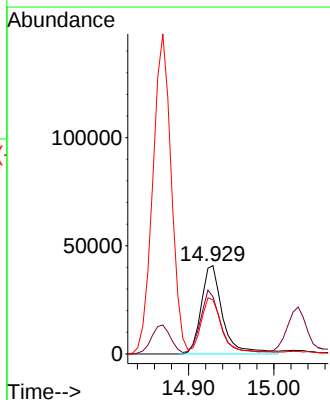
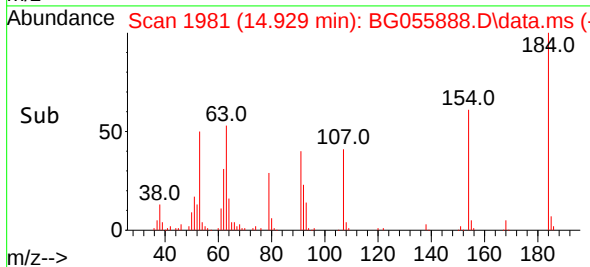
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#54
2,4-Dinitrophenol
Concen: 74.659 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



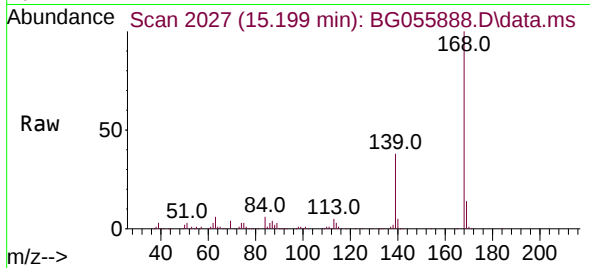
Tgt Ion:184 Resp: 71249
Ion Ratio Lower Upper
184 100
63 64.9 49.5 74.3
154 61.5 52.0 78.0





#55
Dibenzofuran
Concen: 39.383 ng
RT: 15.199 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

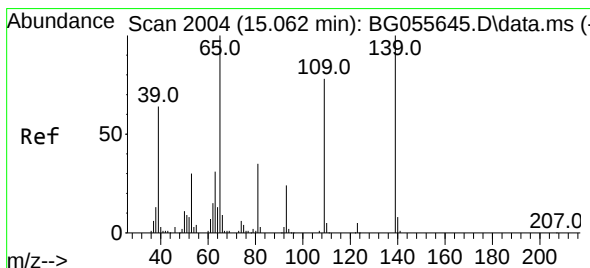
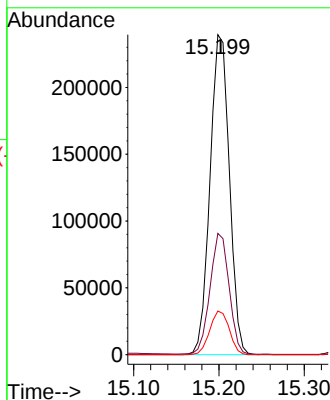
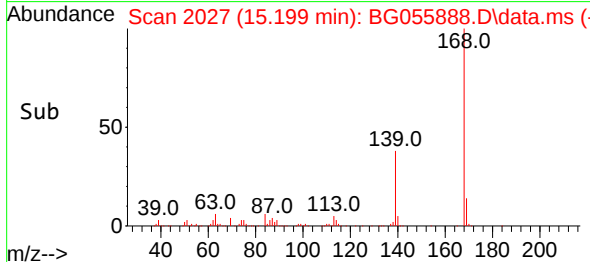
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:168 Resp: 377145
Ion Ratio Lower Upper
168 100
139 37.9 28.8 43.2
169 13.6 11.0 16.4

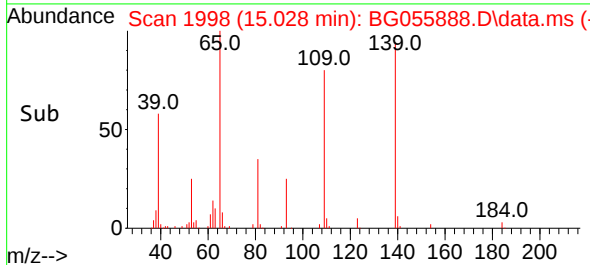
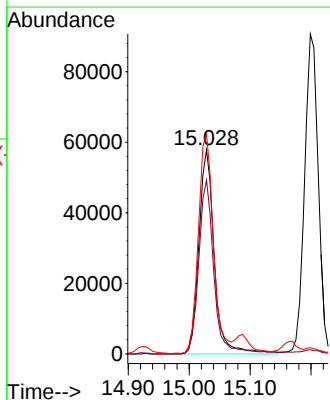
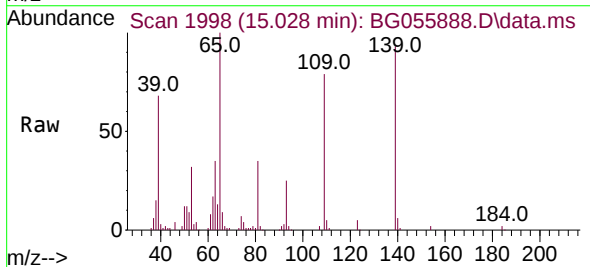
Manual Integrations
APPROVED

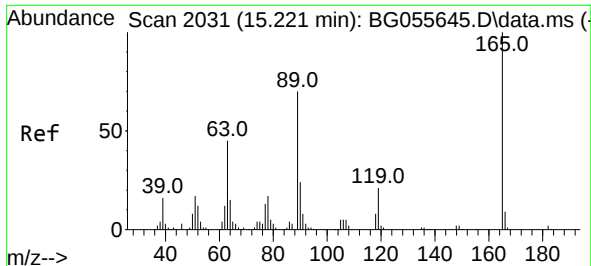
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#56
4-Nitrophenol
Concen: 70.912 ng
RT: 15.028 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:139 Resp: 101408
Ion Ratio Lower Upper
139 100
109 85.1 58.6 98.6
65 107.7 80.5 120.5





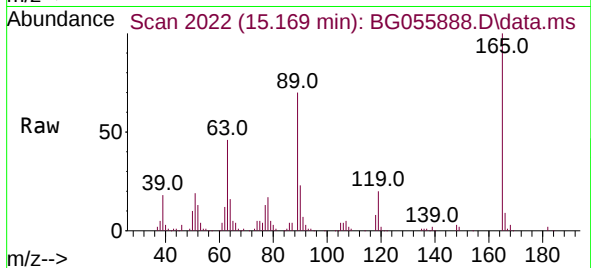
#57
2,4-Dinitrotoluene
Concen: 41.648 ng
RT: 15.169 min Scan# 2031
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

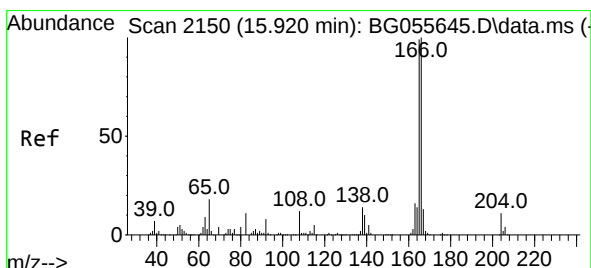
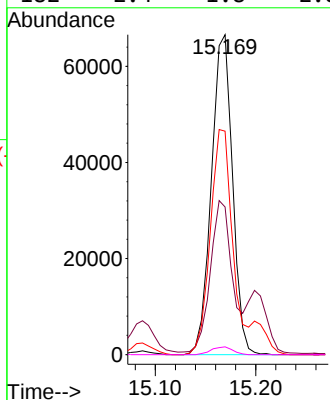
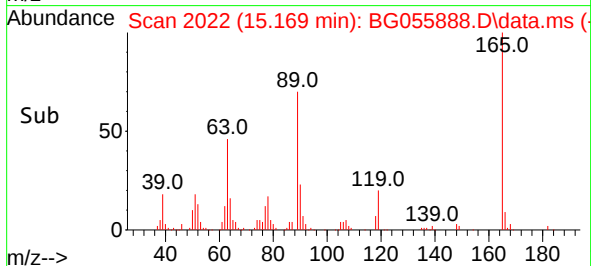


Tgt Ion:165 Resp: 97464
Ion Ratio Lower Upper
165 100
63 46.1 35.8 53.8
89 69.8 56.2 84.4
182 2.4 1.8 2.8

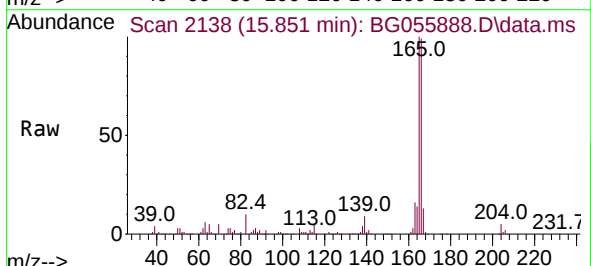
Manual Integrations

APPROVED

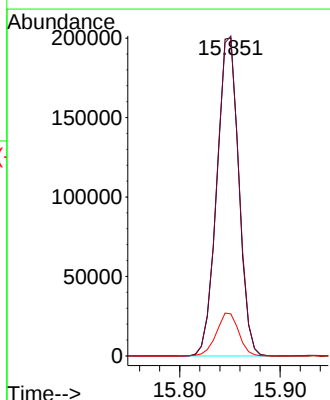
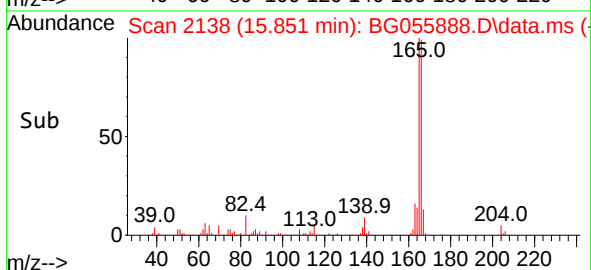
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

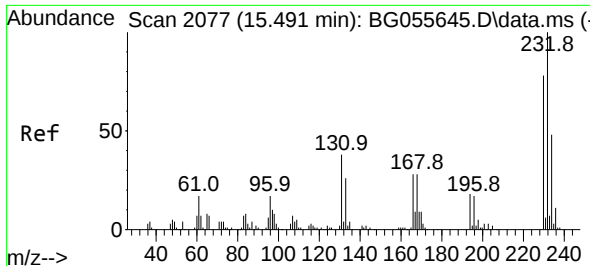


#58
Fluorene
Concen: 39.744 ng
RT: 15.851 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion:166 Resp: 303984
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 13.2 10.6 15.8





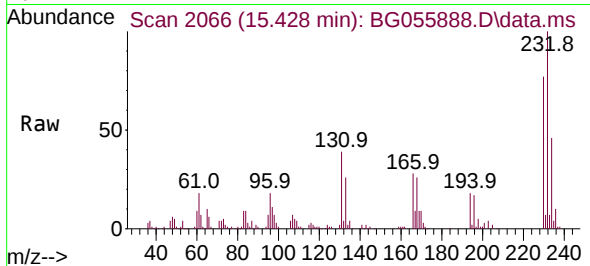
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.797 ng
RT: 15.428 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

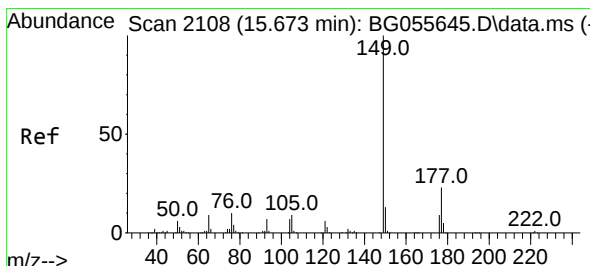
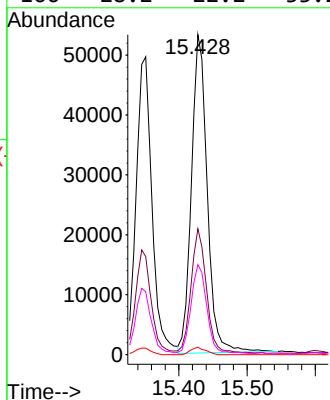
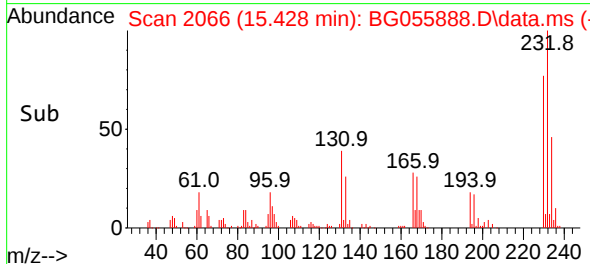


Tgt Ion:232 Resp: 85532
Ion Ratio Lower Upper
232 100
131 38.4 29.8 44.8
130 2.2 1.7 2.5
166 28.2 22.2 33.2

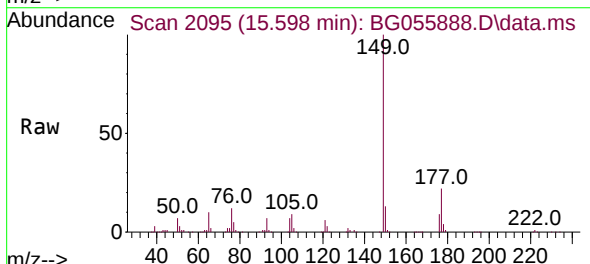
Manual Integrations

APPROVED

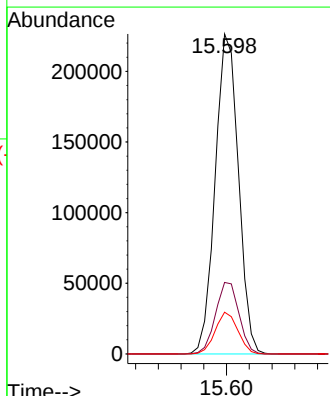
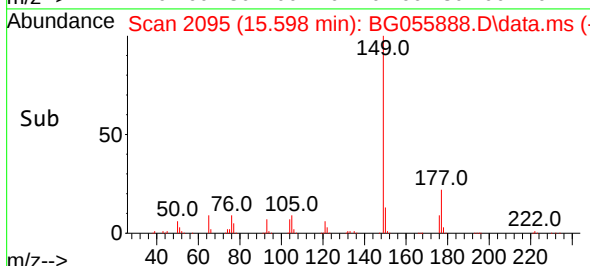
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

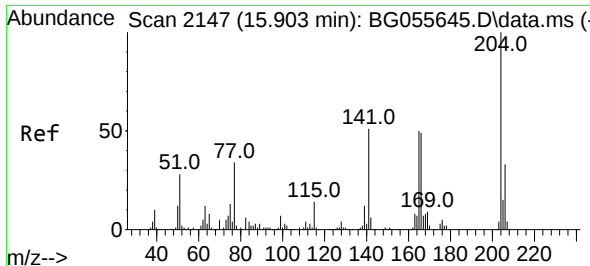


#60
Diethylphthalate
Concen: 39.025 ng
RT: 15.598 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



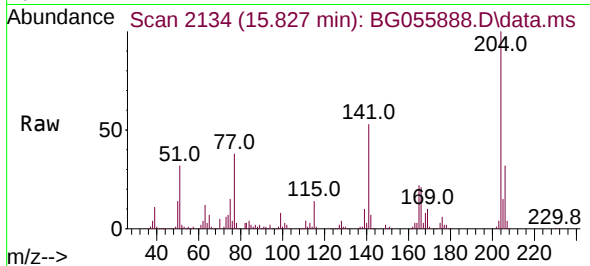
Tgt Ion:149 Resp: 320287
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 13.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.034 ng
RT: 15.827 min Scan# 2142
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

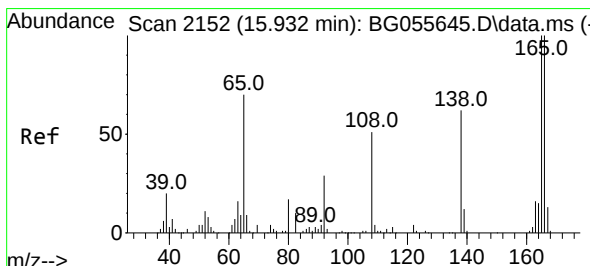
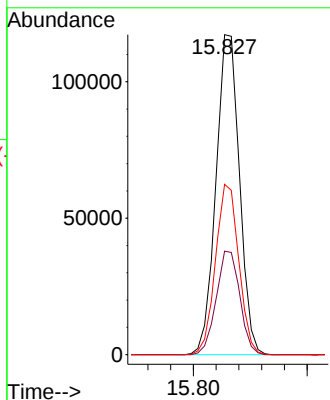
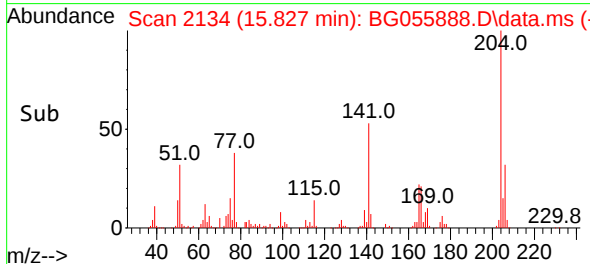
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:204 Resp: 168318
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 53.2 40.6 61.0

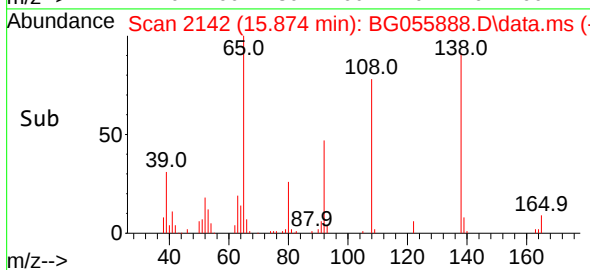
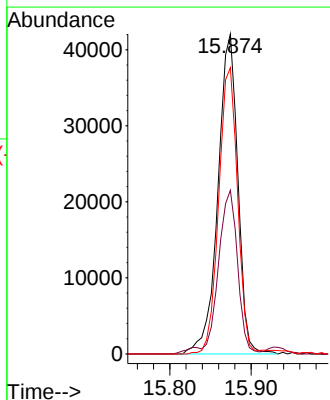
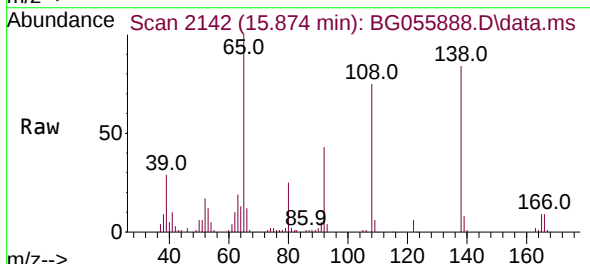
Manual Integrations
APPROVED

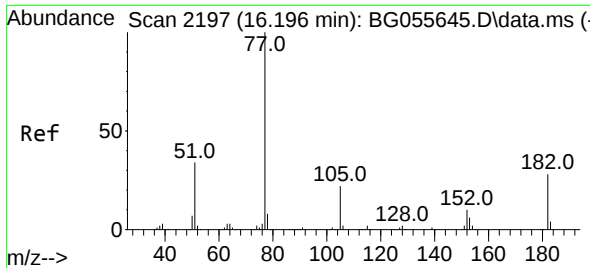
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#62
4-Nitroaniline
Concen: 37.509 ng
RT: 15.874 min Scan# 2142
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

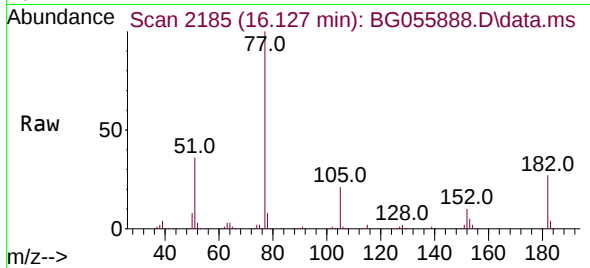
Tgt Ion:138 Resp: 71443
Ion Ratio Lower Upper
138 100
92 51.1 27.3 67.3
108 89.5 62.8 102.8





#63
Azobenzene
Concen: 41.634 ng
RT: 16.127 min Scan# 2197
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

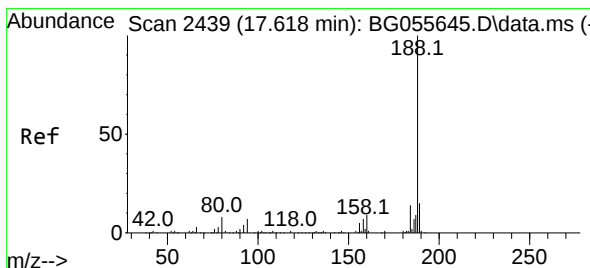
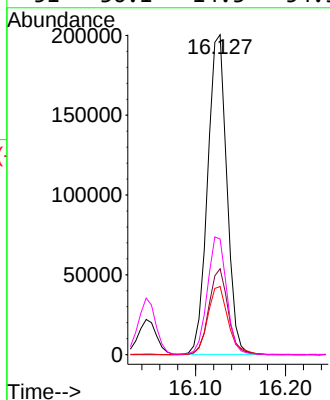
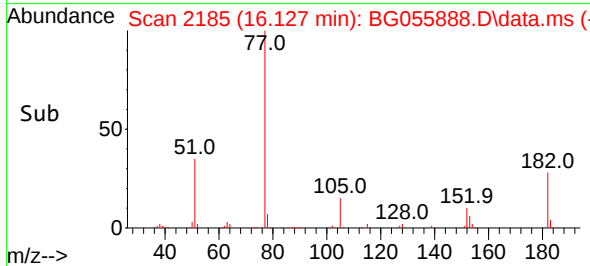
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



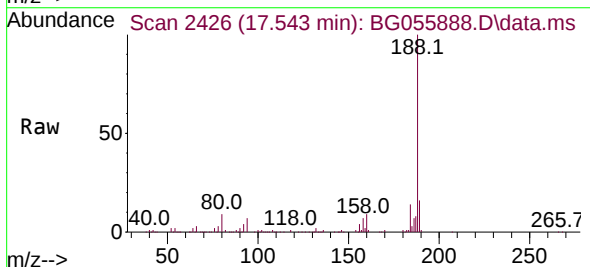
Tgt Ion: 77 Resp: 298315
Ion Ratio Lower Upper
77 100
182 26.9 8.1 48.1
105 21.3 1.8 41.8
51 36.1 14.3 54.3

Manual Integrations
APPROVED

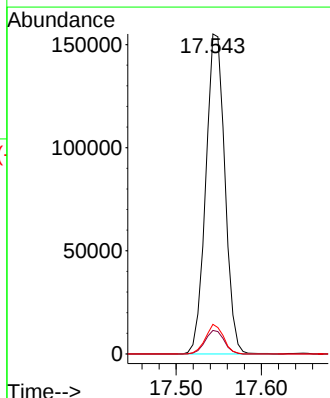
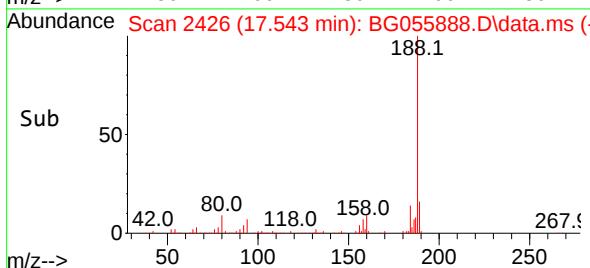
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

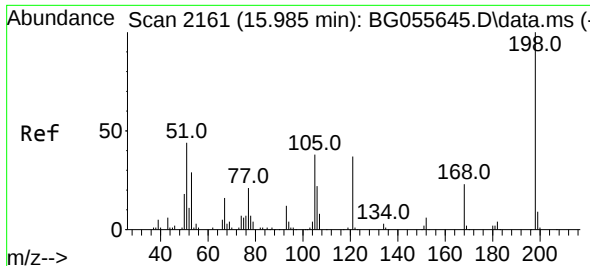


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.543 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion:188 Resp: 240712
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 9.2 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.137 ng
RT: 15.933 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

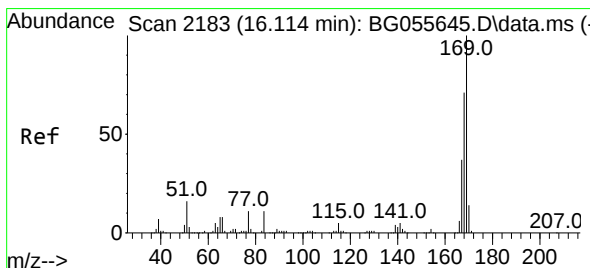
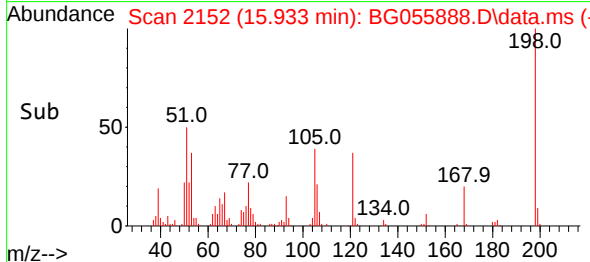
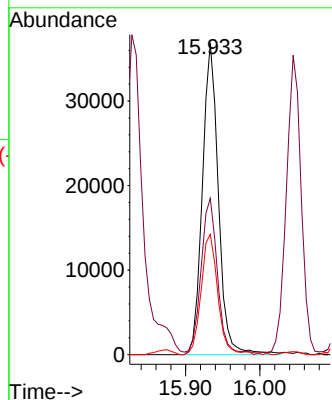
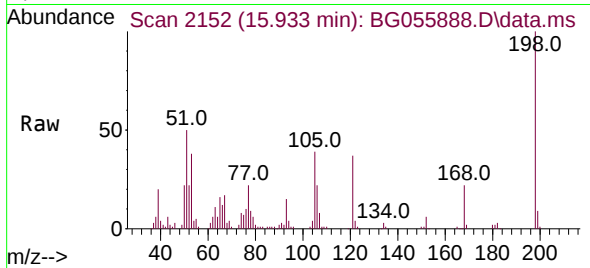
ClientSampleId :

ML-4MSD

Tgt Ion:198 Resp: 55293
Ion Ratio Lower Upper
198 100
51 50.1 27.7 67.7
105 38.6 19.3 59.3

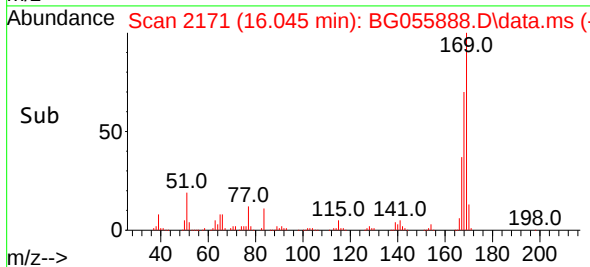
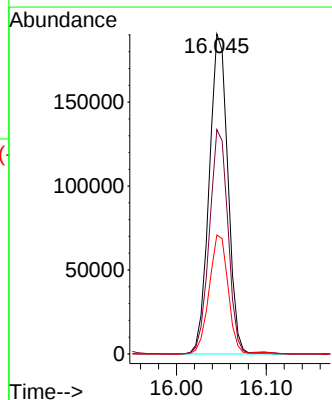
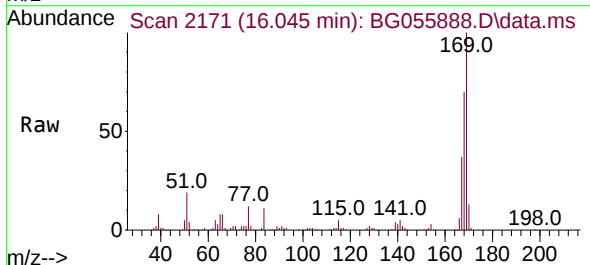
Manual Integrations
APPROVED

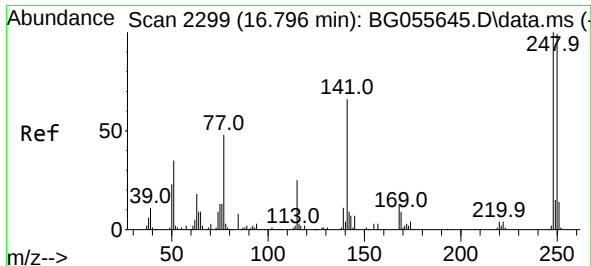
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#66
n-Nitrosodiphenylamine
Concen: 41.410 ng
RT: 16.045 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

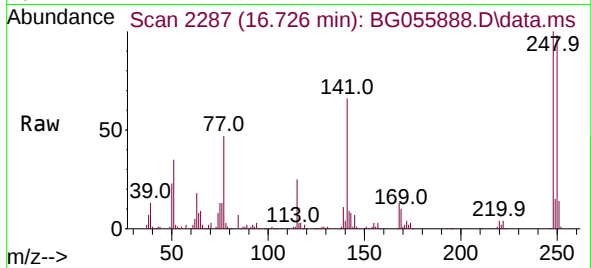
Tgt Ion:169 Resp: 274706
Ion Ratio Lower Upper
169 100
168 70.1 56.6 85.0
167 37.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 40.110 ng
RT: 16.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

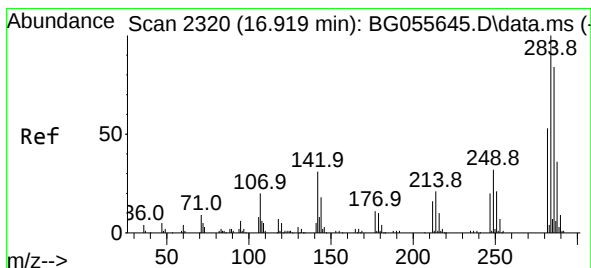
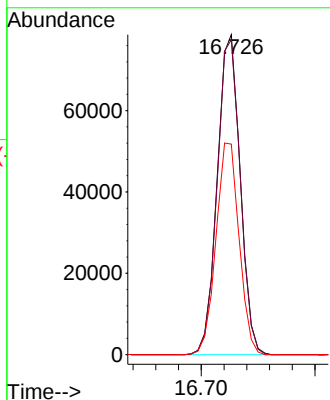
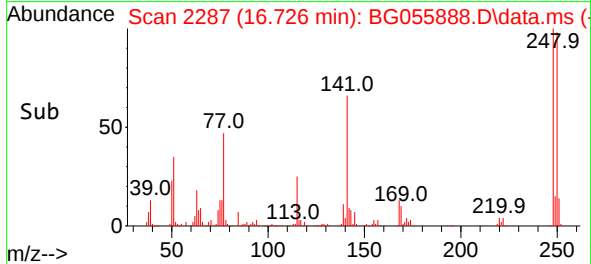
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



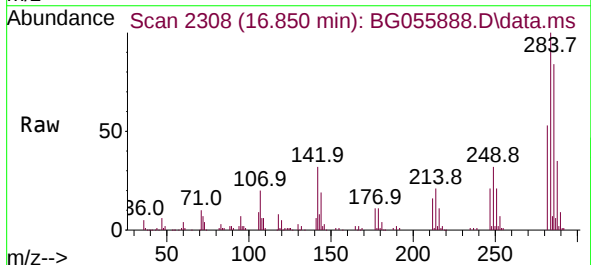
Tgt Ion:248 Resp: 11000
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 65.8 52.9 79.3

Manual Integrations
APPROVED

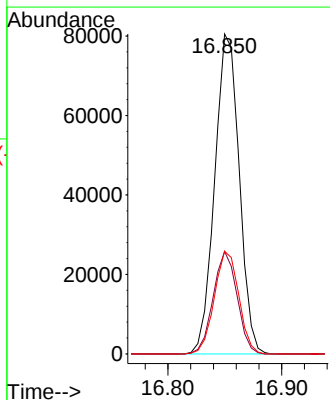
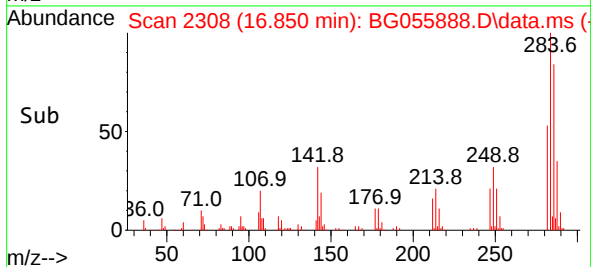
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

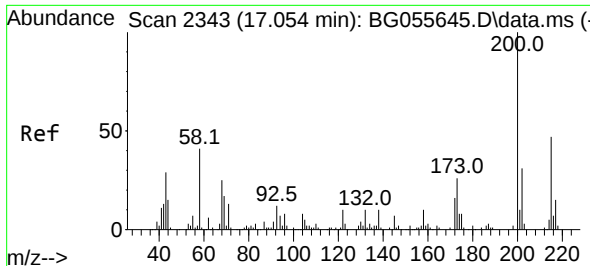


#68
Hexachlorobenzene
Concen: 39.656 ng
RT: 16.850 min Scan# 2308
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



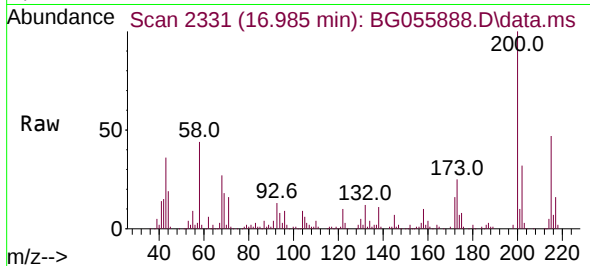
Tgt Ion:284 Resp: 120598
Ion Ratio Lower Upper
284 100
142 32.0 24.8 37.2
249 32.1 25.7 38.5





#69
Atrazine
Concen: 43.128 ng
RT: 16.985 min Scan# 2331
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

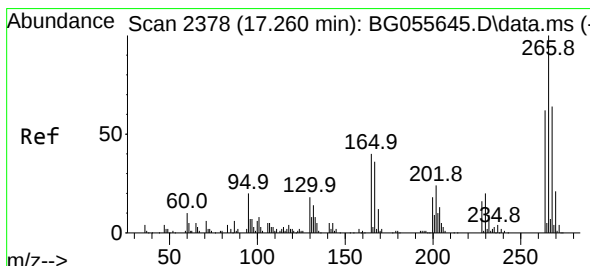
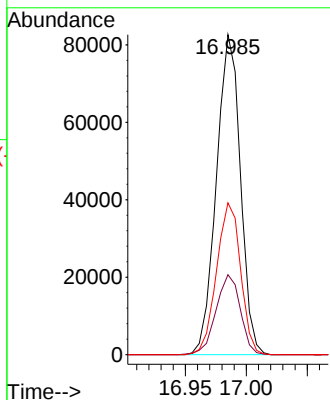
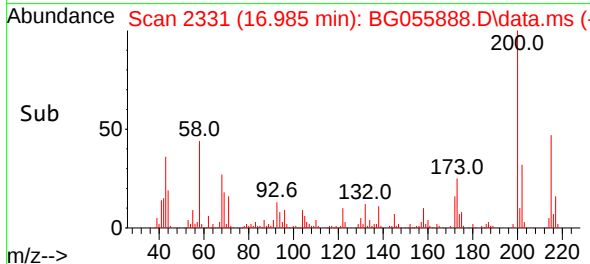
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



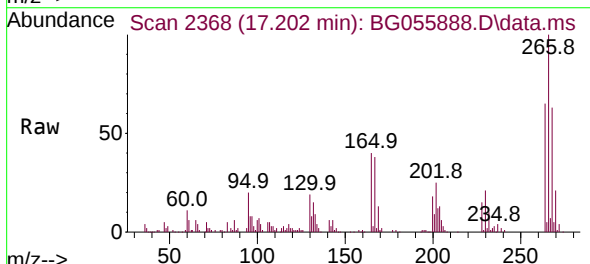
Tgt Ion:200 Resp: 113153
Ion Ratio Lower Upper
200 100
173 25.0 5.6 45.6
215 47.4 27.2 67.2

Manual Integrations
APPROVED

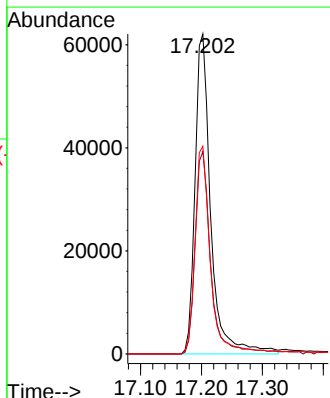
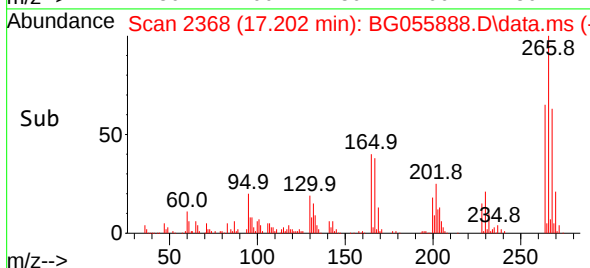
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

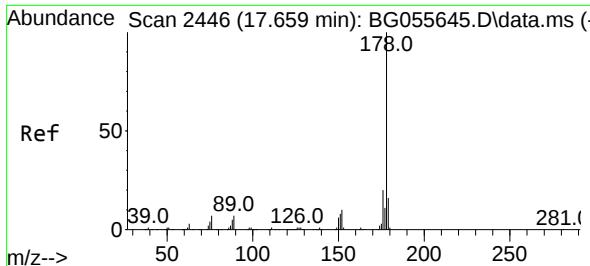


#70
Pentachlorophenol
Concen: 59.824 ng
RT: 17.202 min Scan# 2368
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



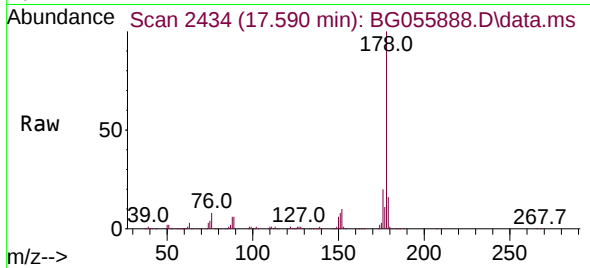
Tgt Ion:266 Resp: 111294
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 64.9 49.5 74.3





#71
Phenanthrene
Concen: 39.268 ng
RT: 17.590 min Scan# 2443
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

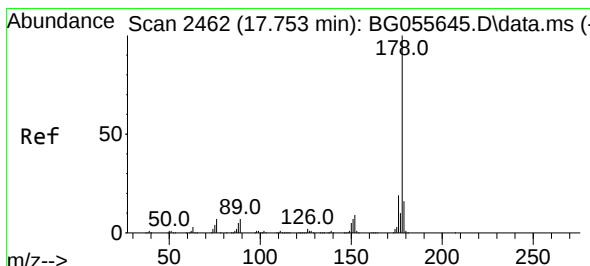
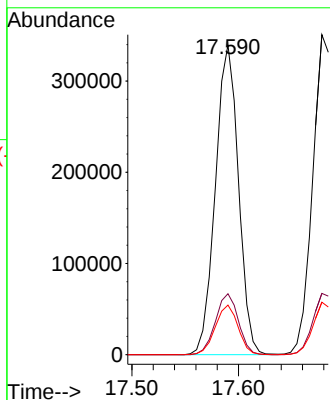
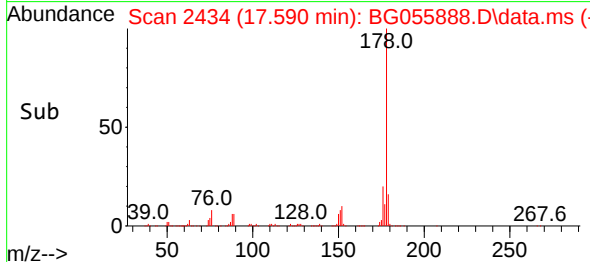
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



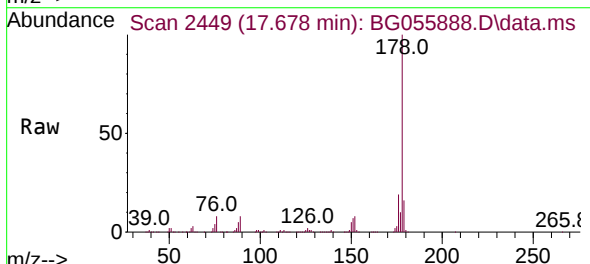
Tgt Ion:178 Resp: 51083
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 12.7 19.1

Manual Integrations
APPROVED

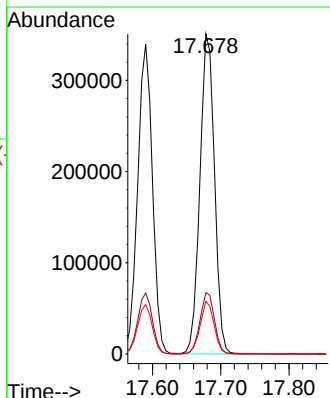
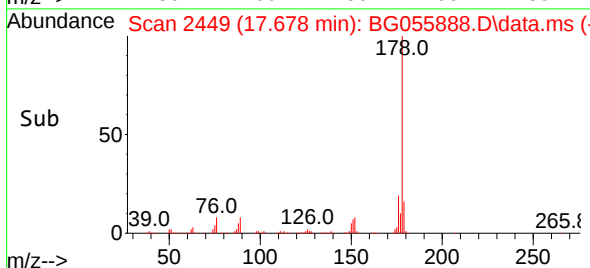
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

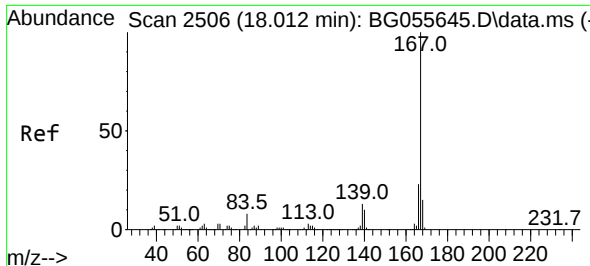


#72
Anthracene
Concen: 41.368 ng
RT: 17.678 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



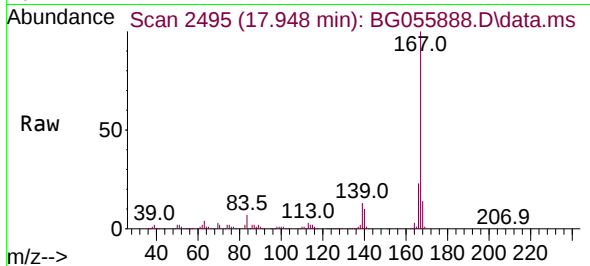
Tgt Ion:178 Resp: 522108
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.4 12.5 18.7





#73
Carbazole
Concen: 40.619 ng
RT: 17.948 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

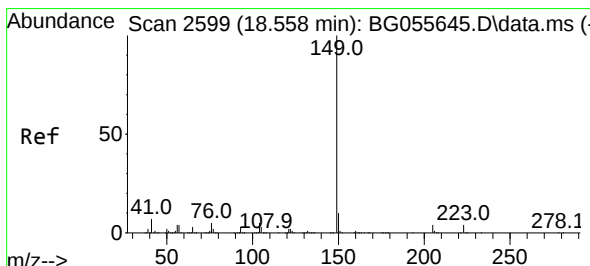
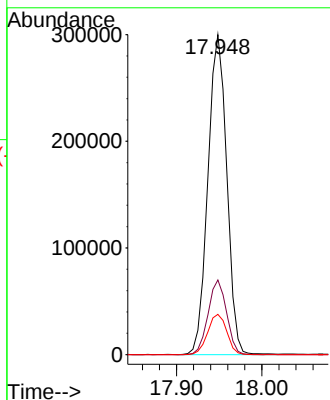
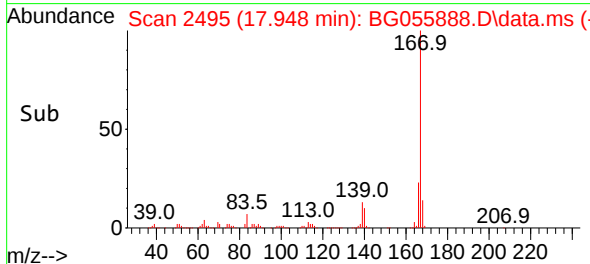
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



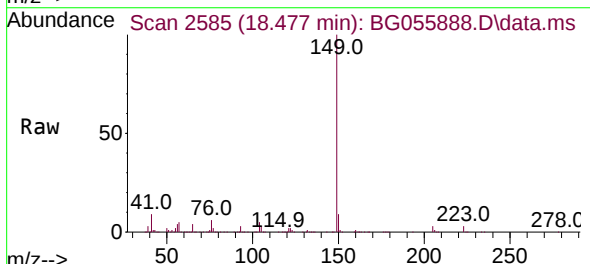
Tgt Ion:167 Resp: 460874
Ion Ratio Lower Upper
167 100
166 23.3 18.2 27.2
139 12.6 10.2 15.4

Manual Integrations
APPROVED

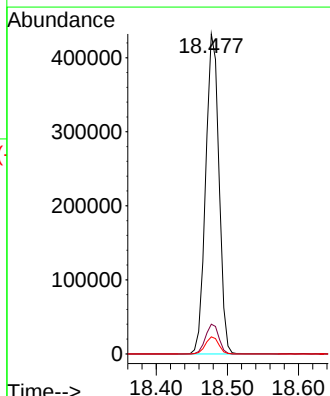
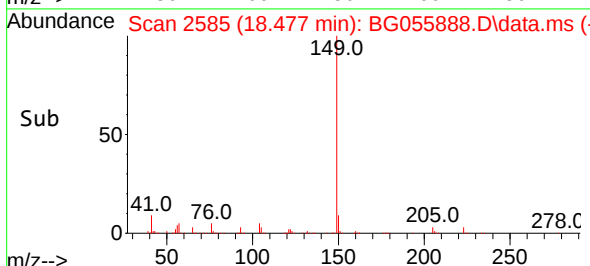
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

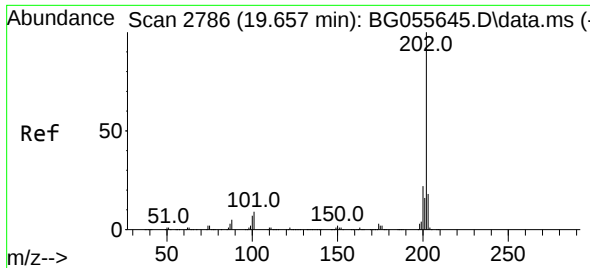


#74
Di-n-butylphthalate
Concen: 39.604 ng
RT: 18.477 min Scan# 2585
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



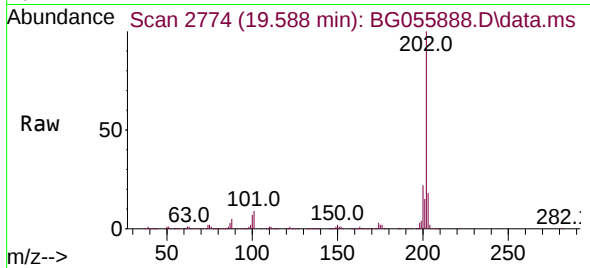
Tgt Ion:149 Resp: 557973
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 37.928 ng
RT: 19.588 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

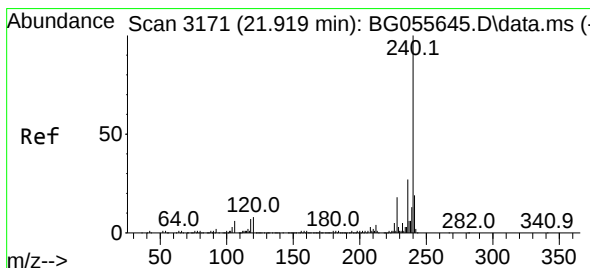
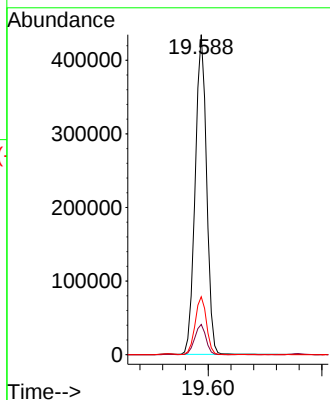
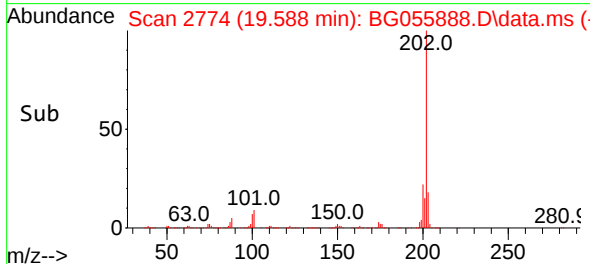
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:202 Resp: 599376
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 18.1 0.0 38.1

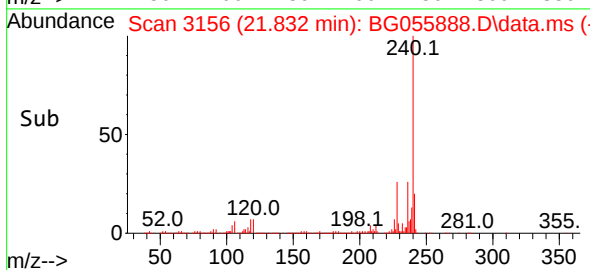
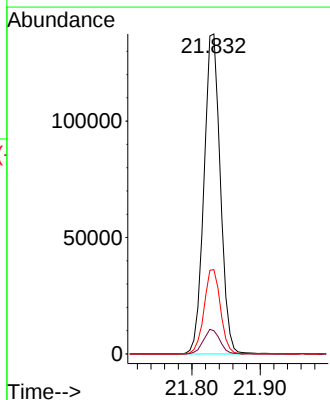
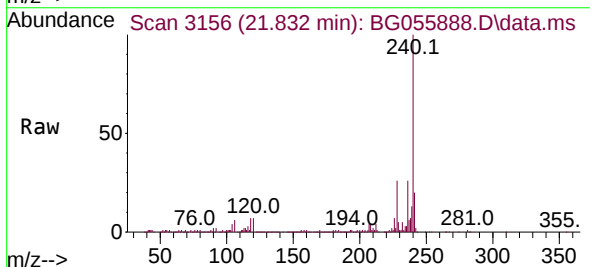
Manual Integrations
APPROVED

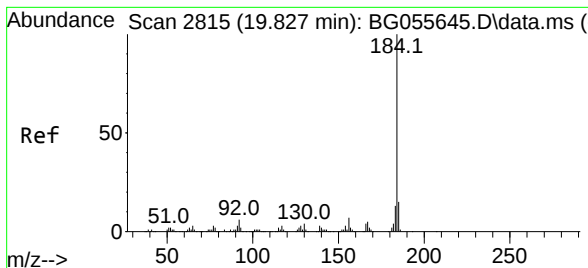
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.832 min Scan# 3156
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:240 Resp: 228707
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 26.3 21.9 32.9





#77

Benzidine

Concen: 44.511 ng

RT: 19.758 min Scan# 2803

Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

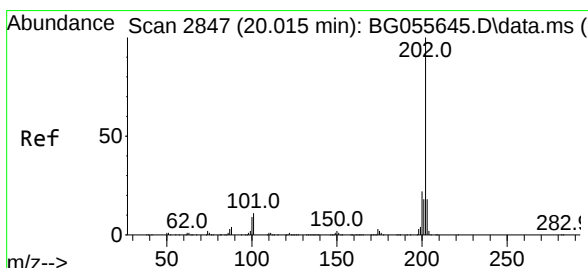
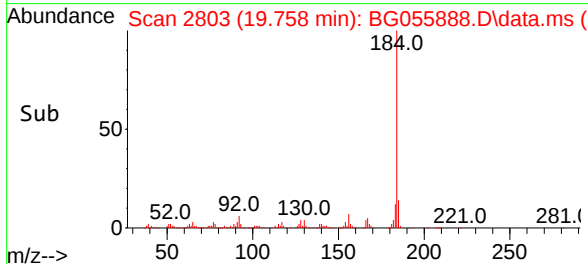
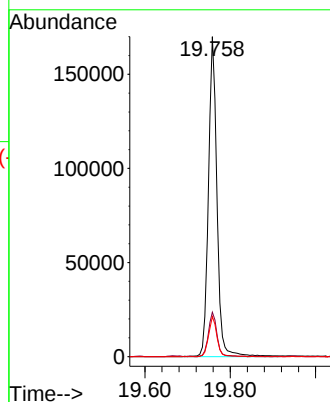
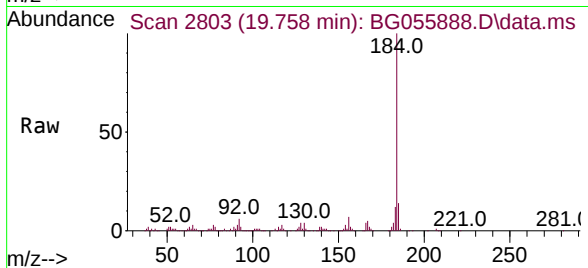
Tgt Ion:184 Resp: 235508

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	12.5	10.6	15.8

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 39.343 ng

RT: 19.952 min Scan# 2836

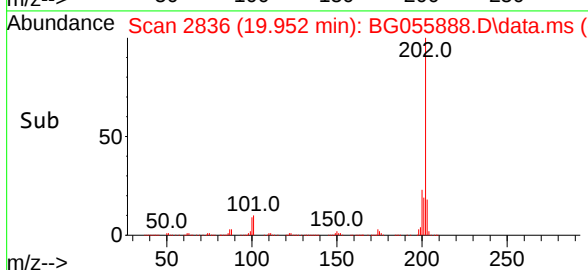
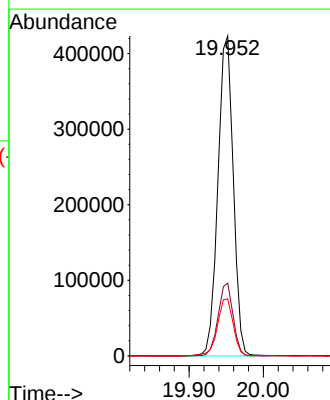
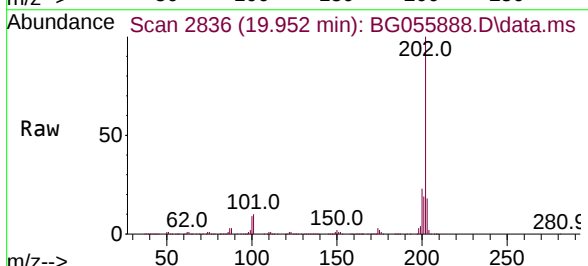
Delta R.T. 0.002 min

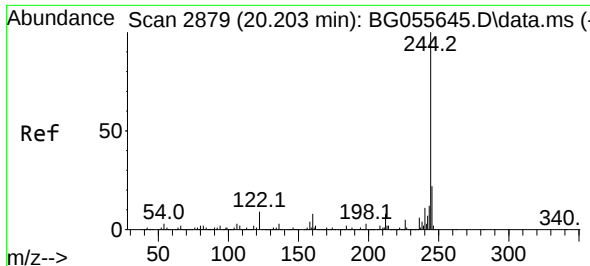
Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

Tgt Ion:202 Resp: 609060

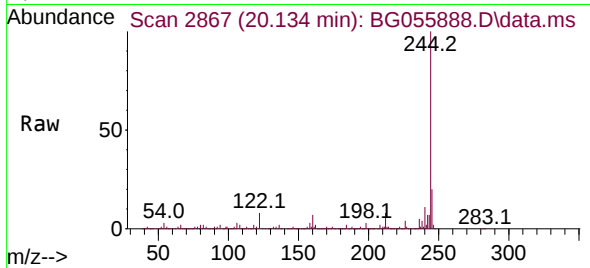
Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.6
203	17.8	14.4	21.6





#79
 Terphenyl-d14
 Concen: 66.002 ng
 RT: 20.134 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG055888.D
 Acq: 5 Dec 2022 17:08

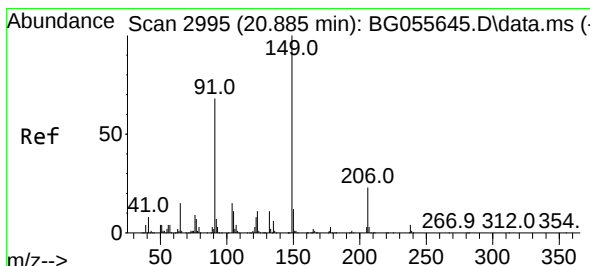
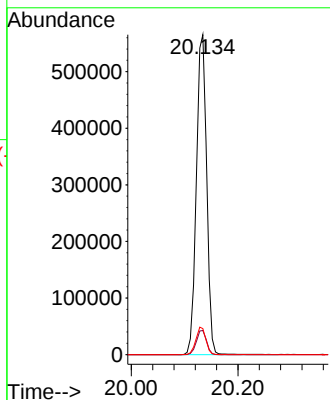
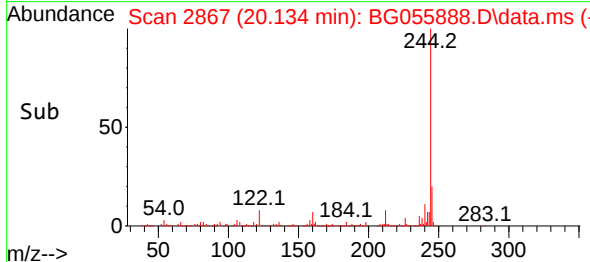
Instrument :
 BNA_G
 ClientSampleId :
 ML-4MSD



Tgt Ion:244 Resp: 754708
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.1 6.9 10.3

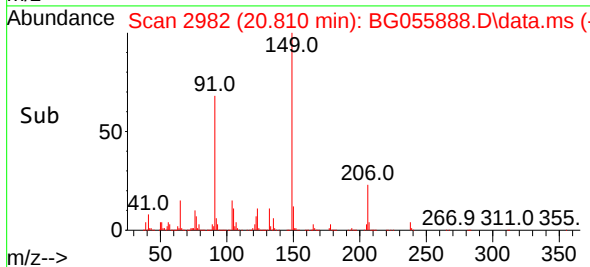
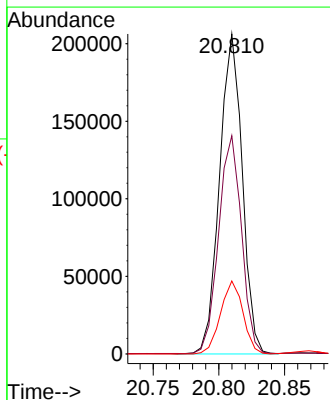
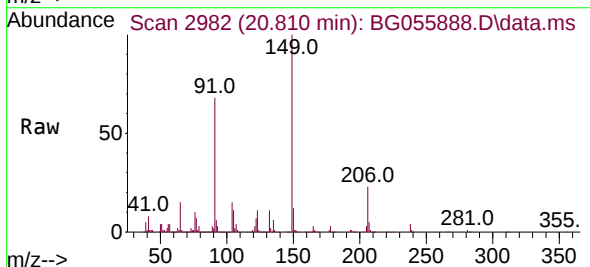
Manual Integrations
 APPROVED

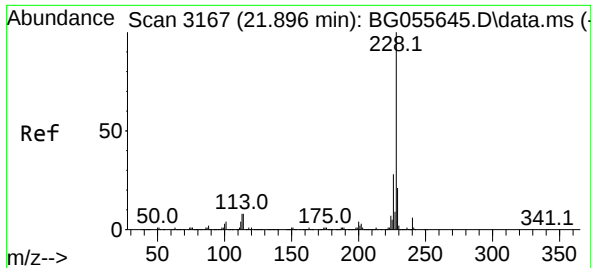
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#80
 Butylbenzylphthalate
 Concen: 41.030 ng
 RT: 20.810 min Scan# 2982
 Delta R.T. -0.004 min
 Lab File: BG055888.D
 Acq: 5 Dec 2022 17:08

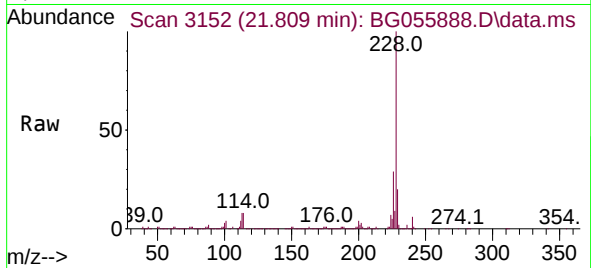
Tgt Ion:149 Resp: 248654
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.6 81.8
 206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 38.920 ng
RT: 21.809 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

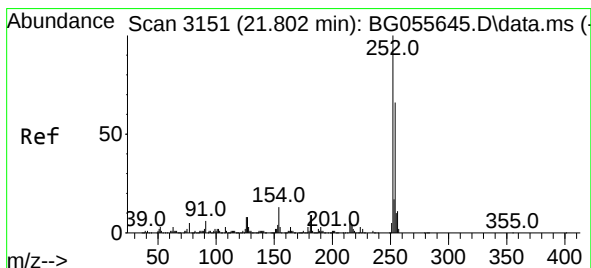
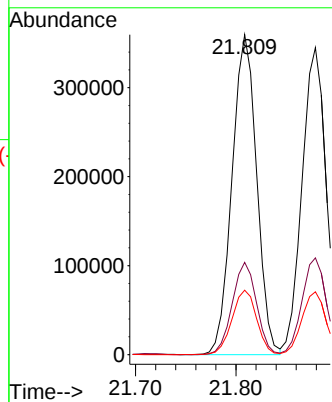
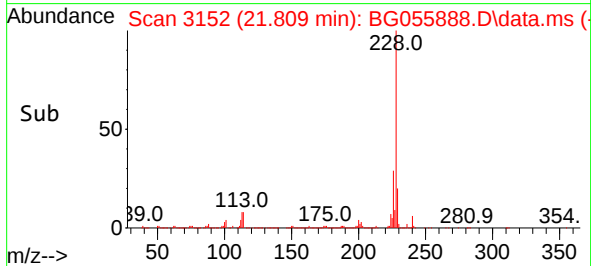
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



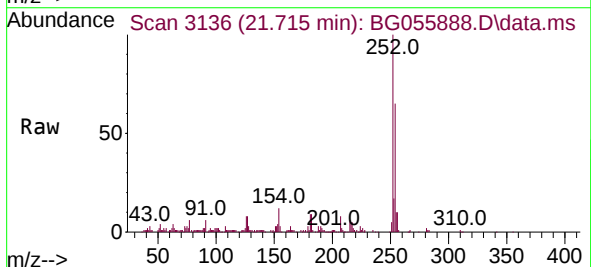
Tgt Ion:228 Resp: 613079
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.1 16.5 24.7

Manual Integrations
APPROVED

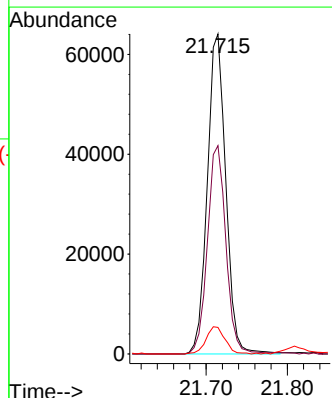
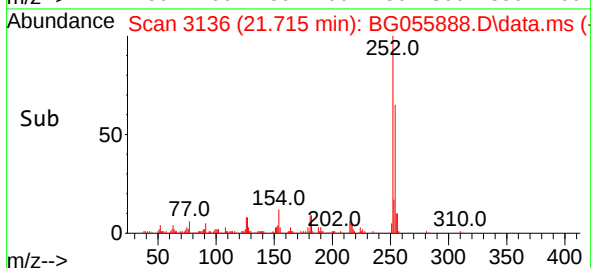
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

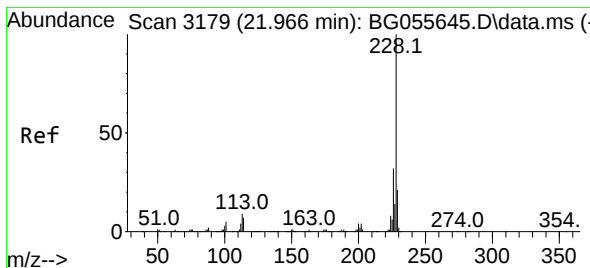


#82
3,3'-Dichlorobenzidine
Concen: 18.291 ng
RT: 21.715 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion:252 Resp: 101242
Ion Ratio Lower Upper
252 100
254 65.1 53.0 79.6
126 8.3 6.7 10.1





#83

Chrysene

Concen: 38.417 ng

RT: 21.879 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

Tgt Ion:228 Resp: 576114

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.2

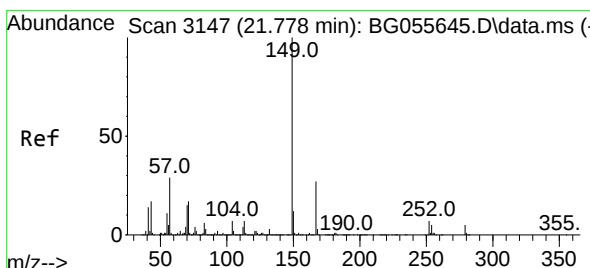
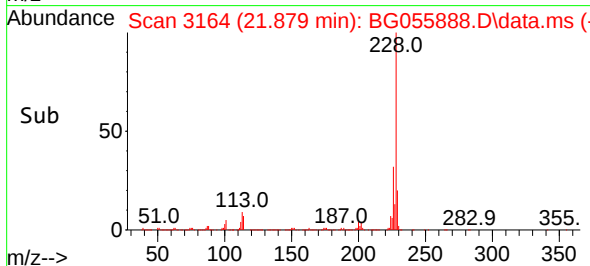
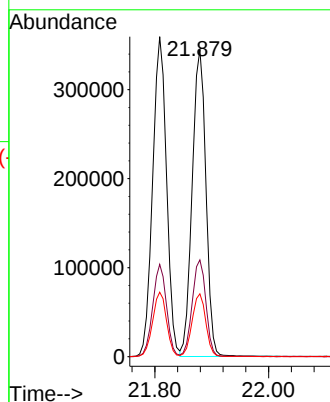
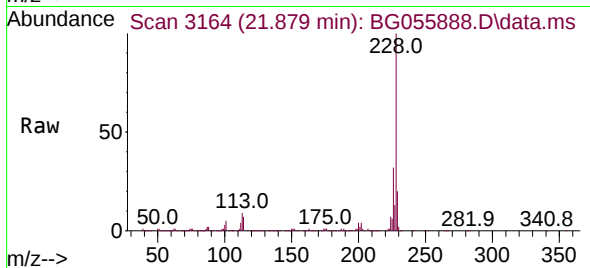
229 20.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.809 ng

RT: 21.674 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

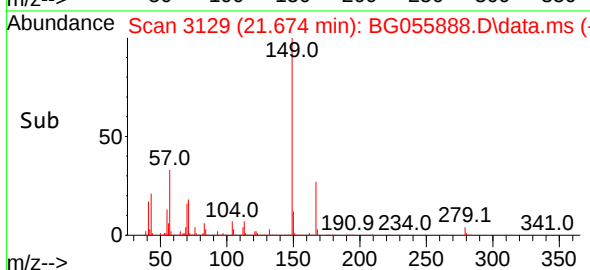
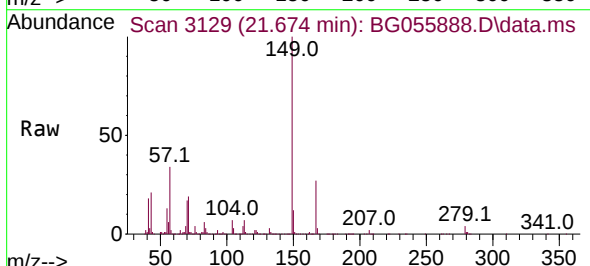
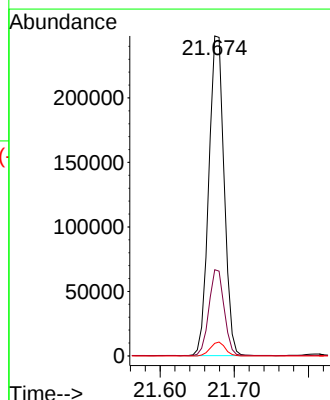
Tgt Ion:149 Resp: 355431

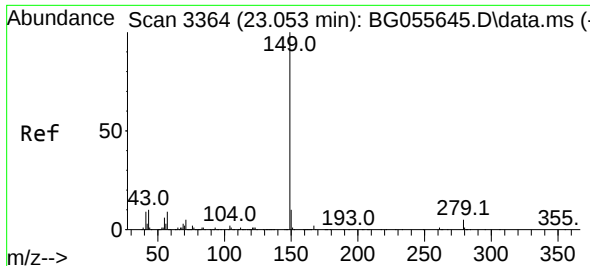
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

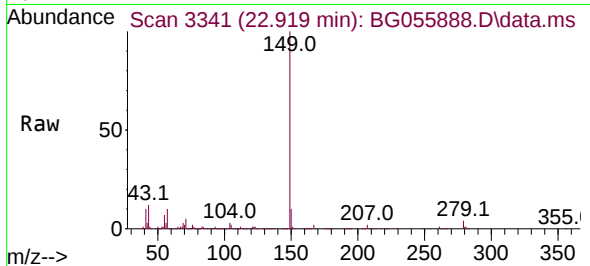
279 3.9 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.493 ng
RT: 22.919 min Scan# 3364
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

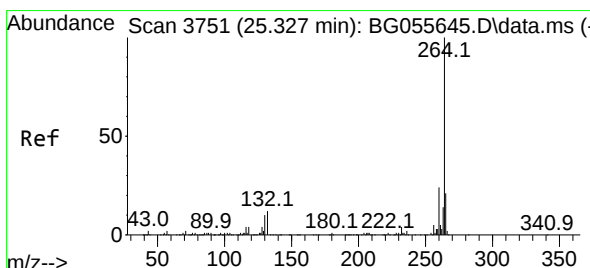
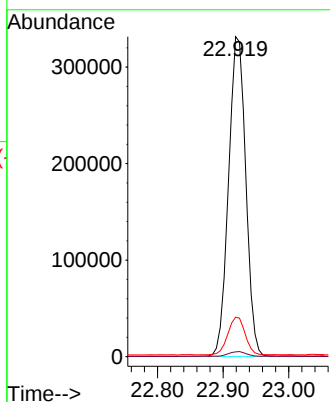
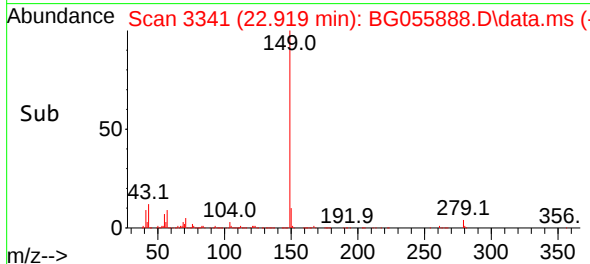
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



Tgt Ion:149 Resp: 603554
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 8.4 12.6

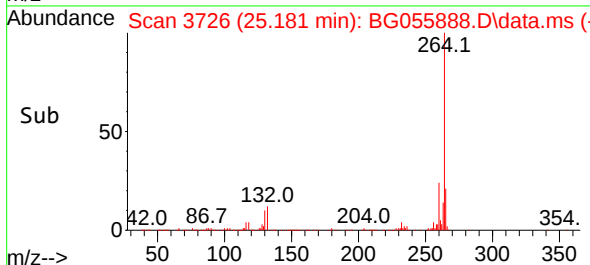
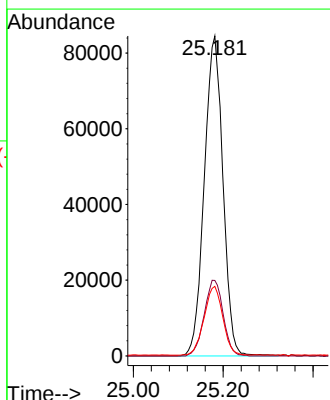
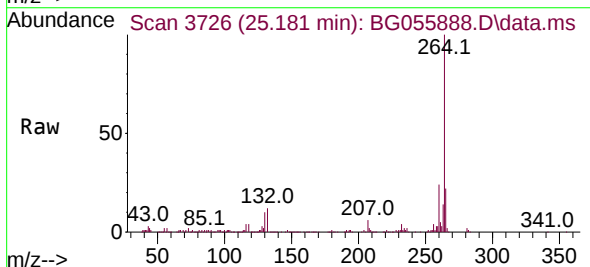
Manual Integrations
APPROVED

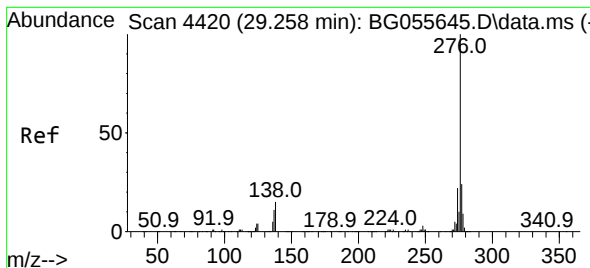
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.181 min Scan# 3726
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

Tgt Ion:264 Resp: 243236
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.130 ng

RT: 29.047 min Scan# 4384

Delta R.T. -0.010 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

Instrument :

BNA_G

ClientSampleId :

ML-4MSD

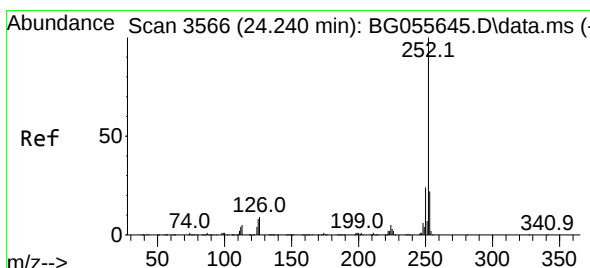
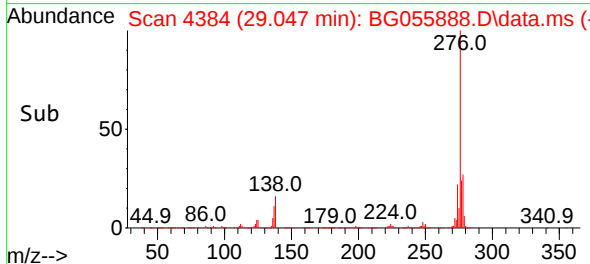
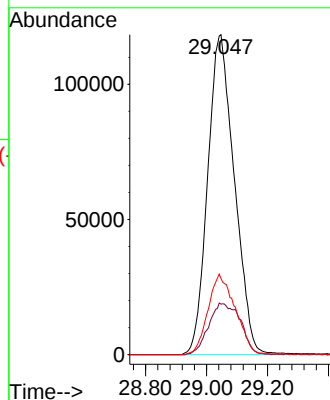
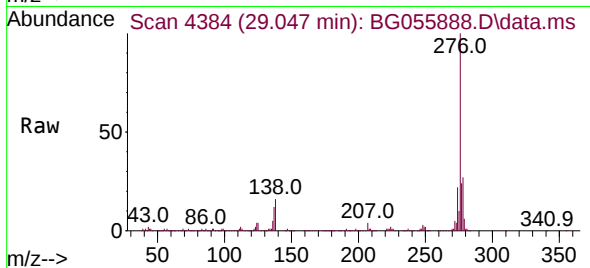
Tgt Ion:276 Resp: 719942
 Ion Ratio Lower Upper
 276 100
 138 19.1 10.4 15.6
 277 25.6 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#88

Benzo(b)fluoranthene

Concen: 40.882 ng

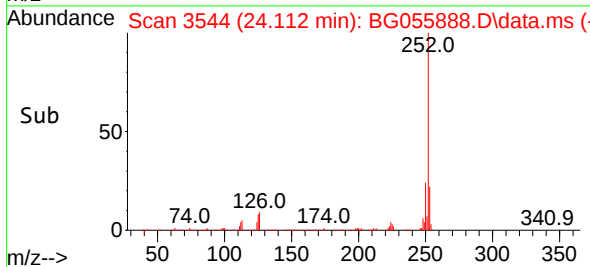
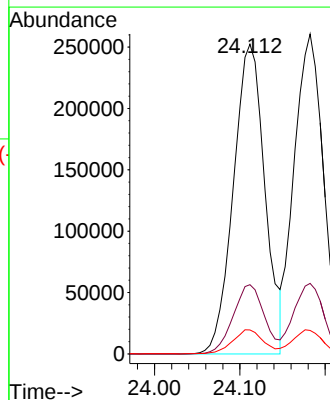
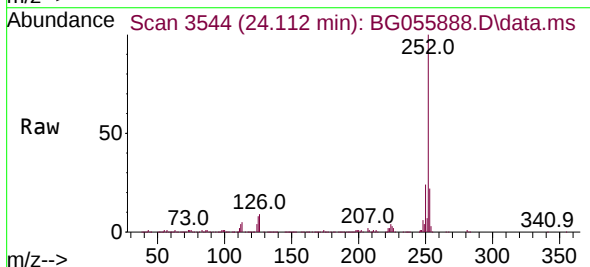
RT: 24.112 min Scan# 3544

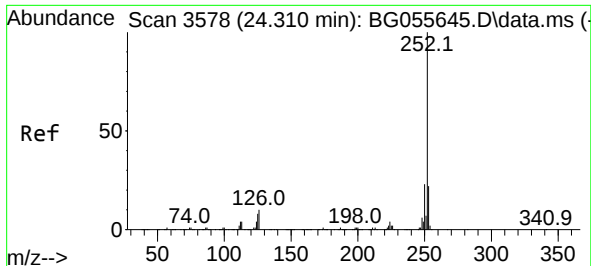
Delta R.T. -0.004 min

Lab File: BG055888.D

Acq: 5 Dec 2022 17:08

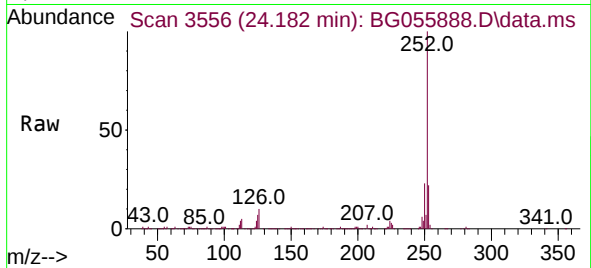
Tgt Ion:252 Resp: 647601
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 39.208 ng
RT: 24.182 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

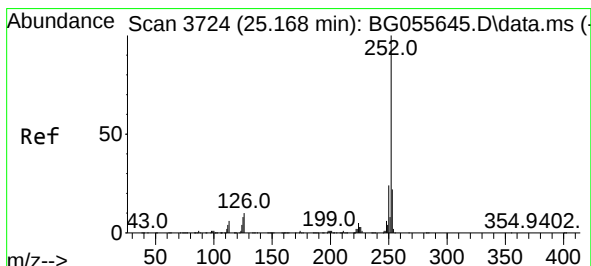
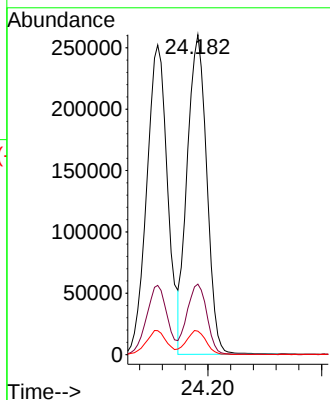
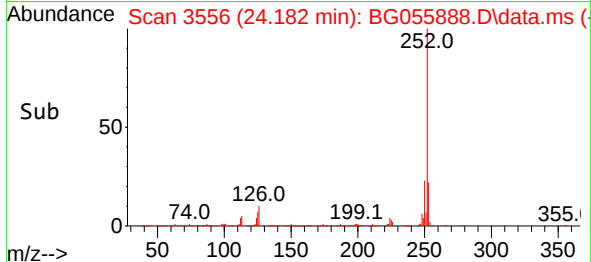
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



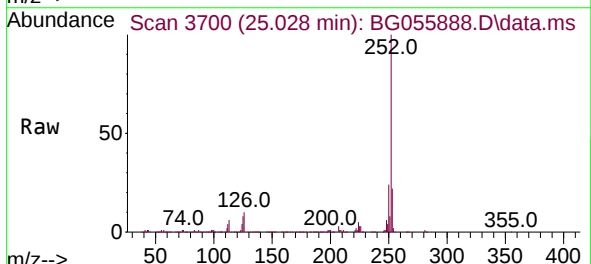
Tgt Ion:252 Resp: 619097
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.3 6.1 9.1

Manual Integrations
APPROVED

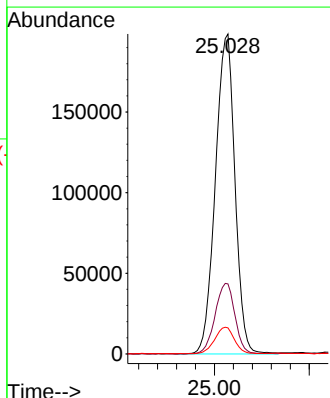
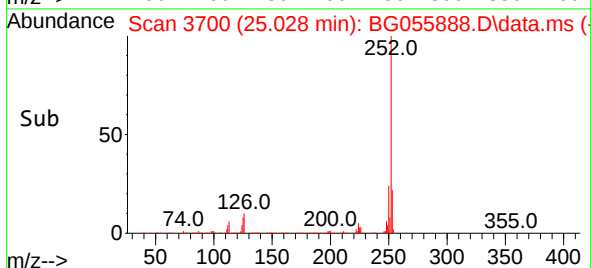
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

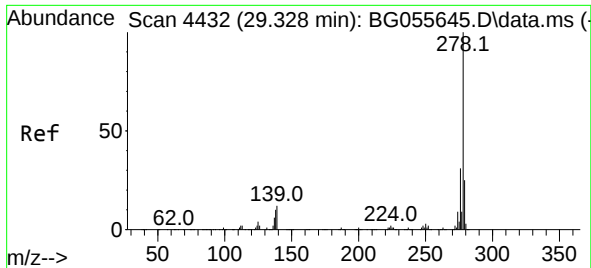


#90
Benzo(a)pyrene
Concen: 41.815 ng
RT: 25.028 min Scan# 3700
Delta R.T. 0.002 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



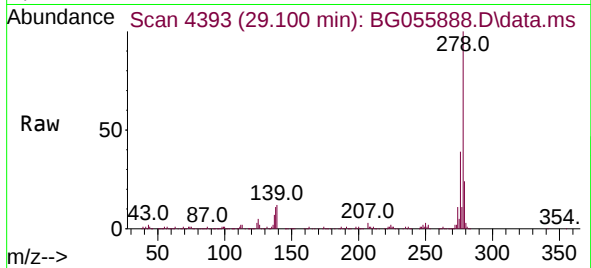
Tgt Ion:252 Resp: 568408
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.1 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 37.433 ng
RT: 29.100 min Scan# 4393
Delta R.T. -0.010 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08

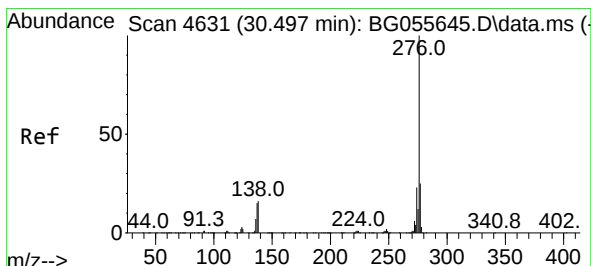
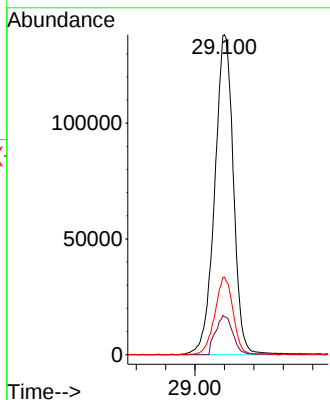
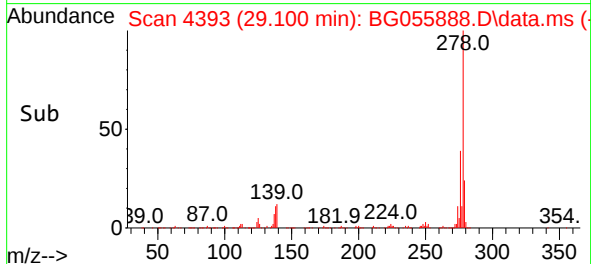
Instrument :
BNA_G
ClientSampleId :
ML-4MSD



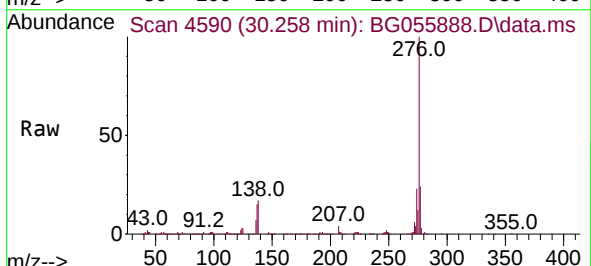
Tgt Ion:278 Resp: 609532
Ion Ratio Lower Upper
278 100
139 11.8 9.8 14.8
279 24.2 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 36.794 ng
RT: 30.258 min Scan# 4590
Delta R.T. -0.010 min
Lab File: BG055888.D
Acq: 5 Dec 2022 17:08



Tgt Ion:276 Resp: 603862
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.6
138 16.8 13.1 19.7

