

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055860.D
 Acq On : 1 Dec 2022 18:00
 Operator : CG/JU
 Sample : N5823-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

Quant Time: Dec 02 04:10:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	40565	20.000	ng	0.00
21) Naphthalene-d8	11.035	136	163763	20.000	ng	0.00
39) Acenaphthene-d10	14.837	164	109958	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	243388	20.000	ng	0.00
76) Chrysene-d12	21.870	240	227981	20.000	ng	0.00
86) Perylene-d12	25.254	264	251727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	279936	124.735	ng	0.00
7) Phenol-d6	7.363	99	357136	119.546	ng	0.00
23) Nitrobenzene-d5	9.384	82	225064	72.640	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	180630	116.660	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	546585	74.470	ng	0.00
79) Terphenyl-d14	20.160	244	875264	76.789	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.562	88	34625	36.102	ng	93
3) Pyridine	3.973	79	100735	34.238	ng	96
4) n-Nitrosodimethylamine	3.891	42	64196	41.211	ng	98
6) Aniline	7.522	93	99812	26.600	ng	97
8) 2-Chlorophenol	7.774	128	120349	46.909	ng	100
9) Benzaldehyde	7.334	77	61682m	30.402	ng	
10) Phenol	7.392	94	152609	45.623	ng	99
11) bis(2-Chloroethyl)ether	7.616	93	108003	42.132	ng	100
12) 1,3-Dichlorobenzene	8.097	146	134392	44.554	ng	97
13) 1,4-Dichlorobenzene	8.244	146	135340	44.402	ng	100
14) 1,2-Dichlorobenzene	8.567	146	132049	45.209	ng	98
15) Benzyl Alcohol	8.444	79	109293m	45.015	ng	
16) 2,2'-oxybis(1-Chloropr...	8.732	45	193826	41.768	ng	99
17) 2-Methylphenol	8.656	107	106746	44.949	ng	99
18) Hexachloroethane	9.302	117	48701	46.422	ng	97
19) n-Nitroso-di-n-propyla...	9.014	70	90737	39.531	ng	99
20) 3+4-Methylphenols	8.985	107	145064	43.727	ng	98
22) Acetophenone	9.038	105	182024	42.775	ng	# 98
24) Nitrobenzene	9.425	77	137852	42.595	ng	99
25) Isophorone	9.948	82	253471	43.177	ng	99
26) 2-Nitrophenol	10.142	139	70942	47.485	ng	95
27) 2,4-Dimethylphenol	10.195	122	118779m	52.238	ng	
28) bis(2-Chloroethoxy)met...	10.424	93	144534	45.861	ng	98
29) 2,4-Dichlorophenol	10.683	162	125129	45.977	ng	99
30) 1,2,4-Trichlorobenzene	10.900	180	141045	44.609	ng	98
31) Naphthalene	11.088	128	384664	43.451	ng	99
32) Benzoic acid	10.348	122	63254	33.813	ng	97
33) 4-Chloroaniline	11.194	127	84706	23.195	ng	99
34) Hexachlorobutadiene	11.364	225	95637	44.297	ng	97
35) Caprolactam	11.975	113	37436m	39.750	ng	
36) 4-Chloro-3-methylphenol	12.310	107	130387	43.590	ng	99
37) 2-Methylnaphthalene	12.680	142	291556	43.985	ng	99
38) 1-Methylnaphthalene	12.898	142	275379	42.795	ng	100
40) 1,2,4,5-Tetrachloroben...	13.045	216	167245	48.400	ng	100
41) Hexachlorocyclopentadiene	13.015	237	76326	43.826	ng	98
43) 2,4,6-Trichlorophenol	13.280	196	108036	45.834	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.362	196	115792	44.702	ng	97
46) 1,1'-Biphenyl	13.673	154	363414	45.354	ng	99
47) 2-Chloronaphthalene	13.720	162	277076	44.488	ng	98
48) 2-Nitroaniline	13.920	65	88580	43.259	ng	96
49) Acenaphthylene	14.560	152	460780	44.928	ng	100
50) Dimethylphthalate	14.278	163	353480	40.327	ng	99
51) 2,6-Dinitrotoluene	14.408	165	78847	43.993	ng	98
52) Acenaphthene	14.901	154	332434m	49.596	ng	
53) 3-Nitroaniline	14.737	138	61359	31.187	ng	97
54) 2,4-Dinitrophenol	14.954	184	47259	45.861	ng	97
55) Dibenzofuran	15.230	168	478158	46.242	ng	98
56) 4-Nitrophenol	15.054	139	122422	79.280	ng	95
57) 2,4-Dinitrotoluene	15.195	165	109041	43.152	ng	97
58) Fluorene	15.882	166	429502	52.005	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	104322m	41.564	ng	
60) Diethylphthalate	15.630	149	348726	39.350	ng	100
61) 4-Chlorophenyl-phenyle...	15.859	204	191905	42.271	ng	97
62) 4-Nitroaniline	15.900	138	76145	37.024	ng	95
63) Azobenzene	16.153	77	324213	41.905	ng	98
65) 4,6-Dinitro-2-methylph...	15.959	198	39024	28.714	ng	98
66) n-Nitrosodiphenylamine	16.076	169	304764	45.436	ng	98
67) 4-Bromophenyl-phenylether	16.758	248	124841	45.018	ng	96
68) Hexachlorobenzene	16.881	284	137603	44.750	ng	98
69) Atrazine	17.016	200	125418	47.278	ng	99
70) Pentachlorophenol	17.234	266	146442	77.852	ng	100
71) Phenanthrene	17.622	178	1289794	98.201	ng	98
72) Anthracene	17.710	178	724042	56.737	ng	99
73) Carbazole	17.980	167	588437	51.291	ng	99
74) Di-n-butylphthalate	18.509	149	576456	40.466	ng	100
75) Fluoranthene	19.625	202	1509945	94.497	ng	98
77) Benzidine	19.790	184	238682	45.254	ng	100
78) Pyrene	19.983	202	1437355	93.144	ng	96
80) Butylbenzylphthalate	20.841	149	256902	42.525	ng	96
81) Benzo(a)anthracene	21.852	228	1051935	66.992	ng	98
82) 3,3'-Dichlorobenzidine	21.752	252	163050	29.551	ng	97
83) Chrysene	21.922	228	954383	63.844	ng	99
84) Bis(2-ethylhexyl)phtha...	21.711	149	374048	43.083	ng	99
85) Di-n-octyl phthalate	22.968	149	636358	42.830	ng	100
87) Indeno(1,2,3-cd)pyrene	29.167	276	923124	44.764	ng	# 86
88) Benzo(b)fluoranthene	24.179	252	1078411	65.782	ng	99
89) Benzo(k)fluoranthene	24.243	252	834501	51.067	ng	98
90) Benzo(a)pyrene	25.095	252	930575	66.148	ng	99
91) Dibenzo(a,h)anthracene	29.220	278	652120	38.697	ng	99
92) Benzo(g,h,i)perylene	30.389	276	746987	43.980	ng	99

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

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ClientSampleId :

OE-2-113022MSD

Manual Integrations

APPROVED

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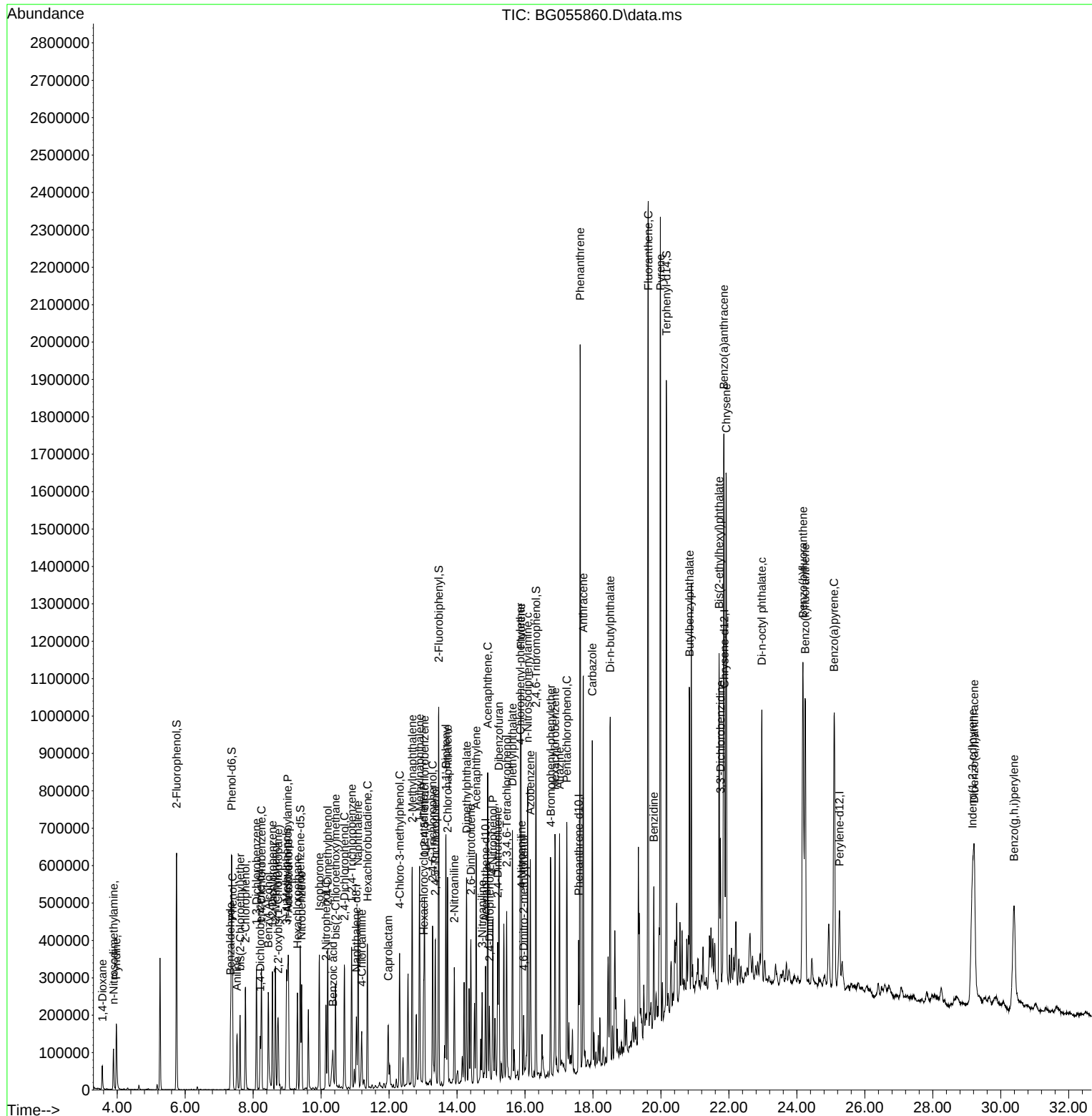
Quant Time: Dec 02 04:10:49 2022

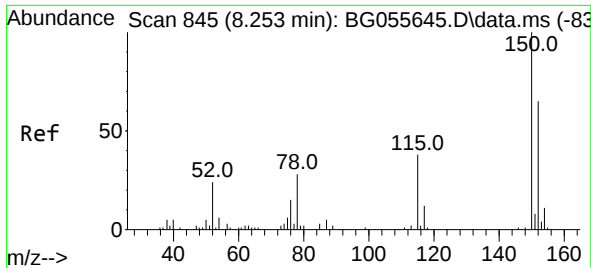
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 02 04:07:17 2022

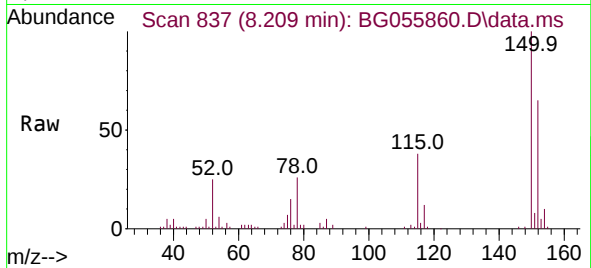
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

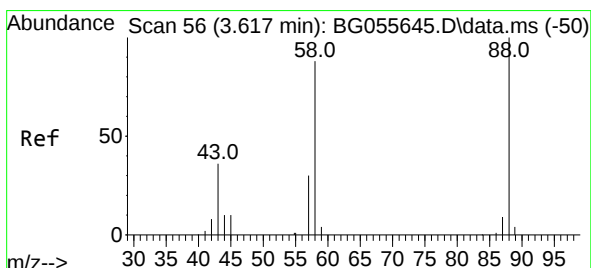
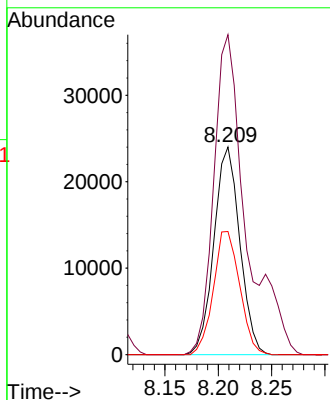
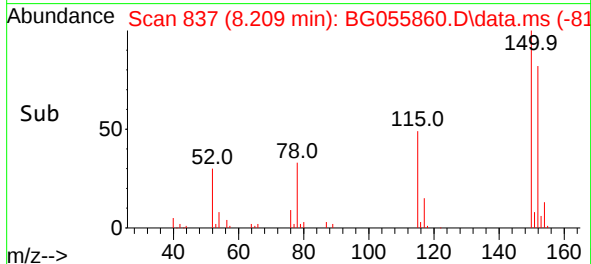
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:152 Resp: 40565
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 59.3 47.0 70.4

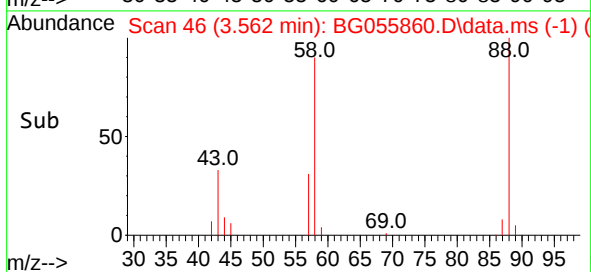
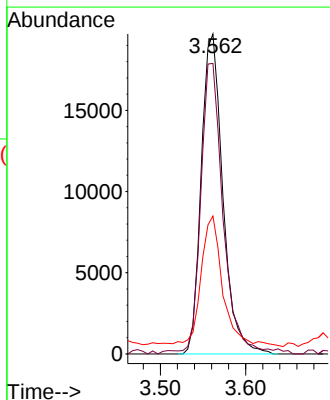
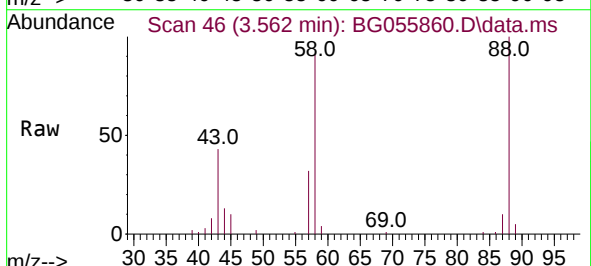
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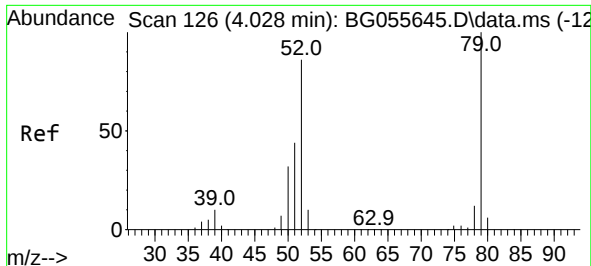
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#2
1,4-Dioxane
Concen: 36.102 ng
RT: 3.562 min Scan# 46
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

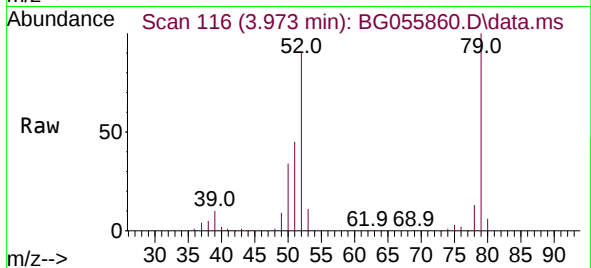
Tgt Ion: 88 Resp: 34625
Ion Ratio Lower Upper
88 100
58 94.9 71.3 106.9
43 41.8 28.6 43.0





#3
Pyridine
Concen: 34.238 ng
RT: 3.973 min Scan# 116
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

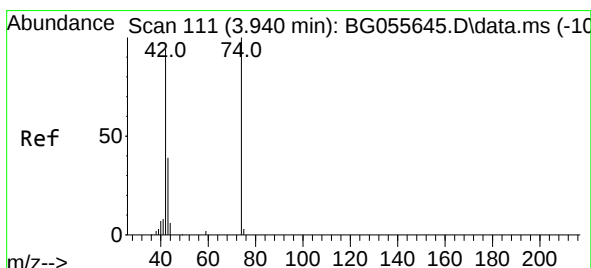
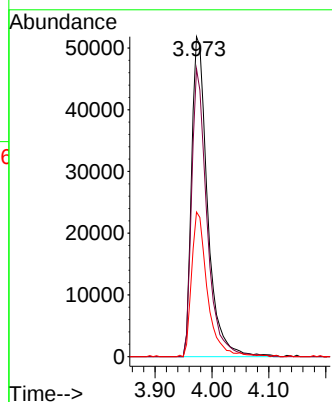
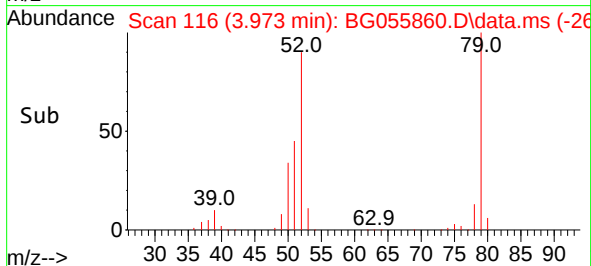
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



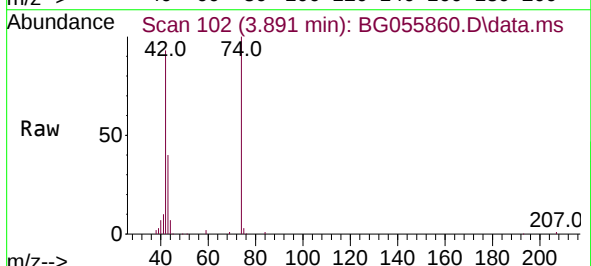
Tgt Ion: 79 Resp: 100735
Ion Ratio Lower Upper
79 100
52 89.9 68.9 103.3
51 45.2 34.8 52.2

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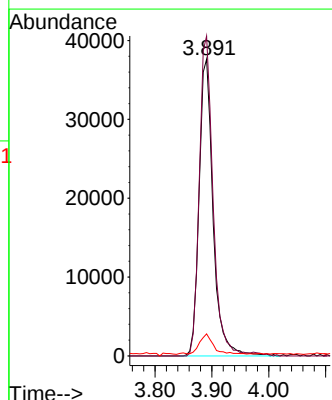
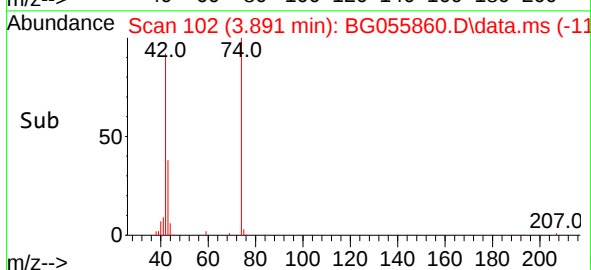
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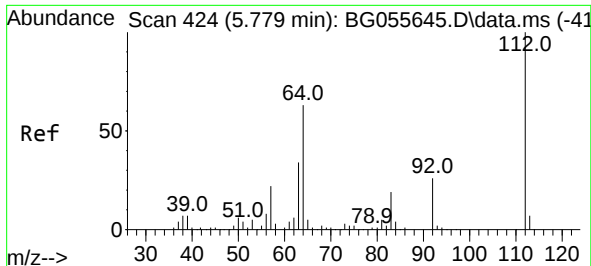


#4
n-Nitrosodimethylamine
Concen: 41.211 ng
RT: 3.891 min Scan# 102
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



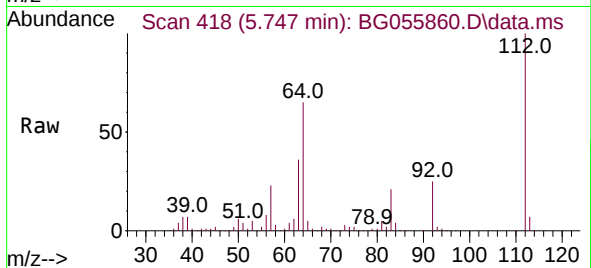
Tgt Ion: 42 Resp: 64196
Ion Ratio Lower Upper
42 100
74 107.9 84.7 127.1
44 7.4 5.4 8.0





#5
2-Fluorophenol
Concen: 124.735 ng
RT: 5.747 min Scan# 418
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

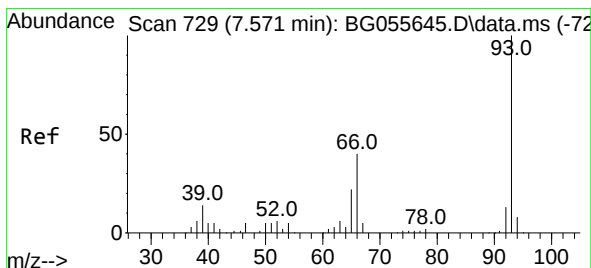
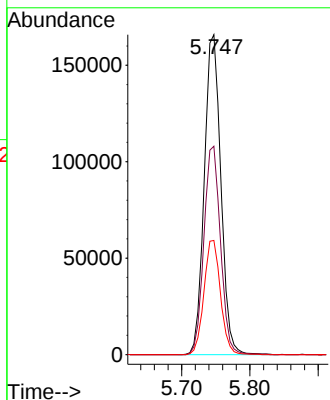
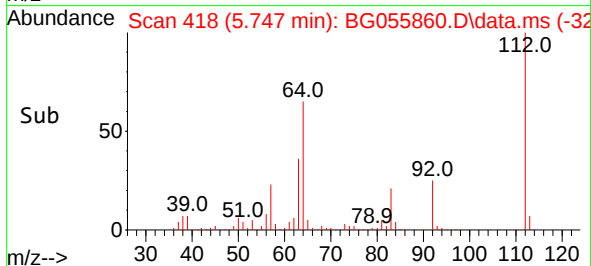
Instrument :
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ClientSampleId :
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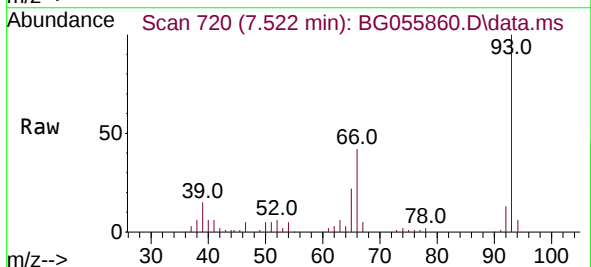
Tgt Ion:112 Resp: 279936
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 35.7 27.5 41.3

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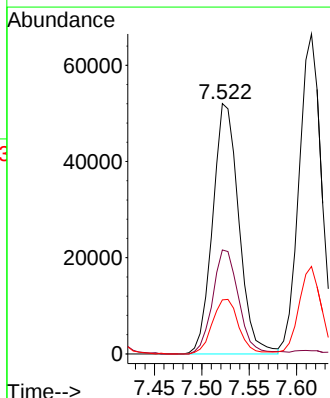
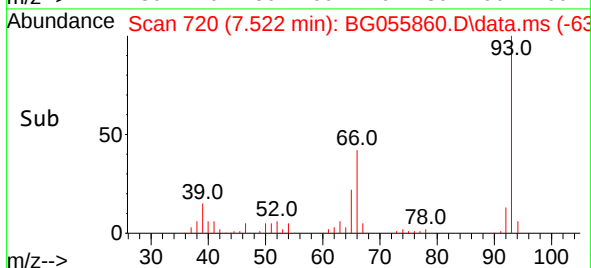
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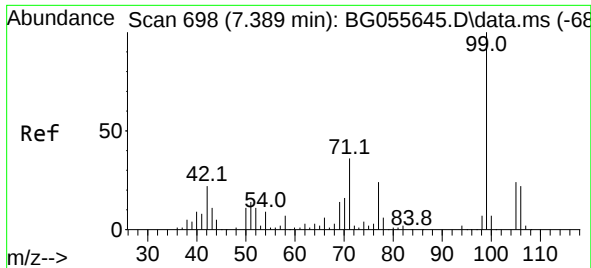


#6
Aniline
Concen: 26.600 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion: 93 Resp: 99812
Ion Ratio Lower Upper
93 100
66 41.5 31.7 47.5
65 21.6 17.9 26.9





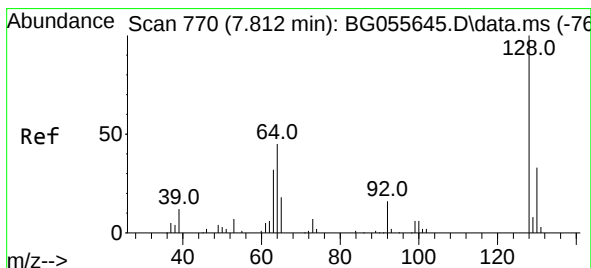
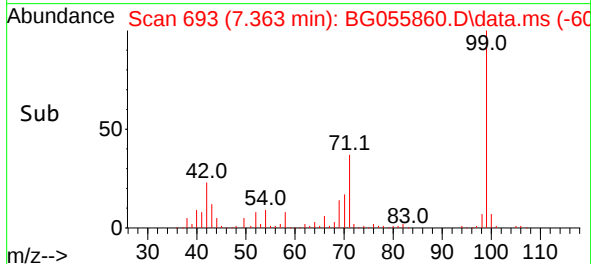
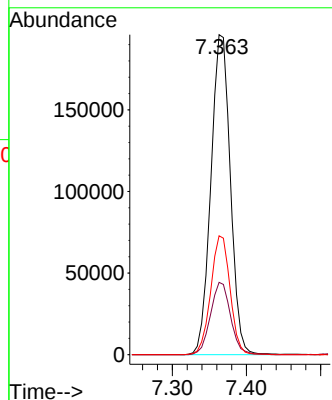
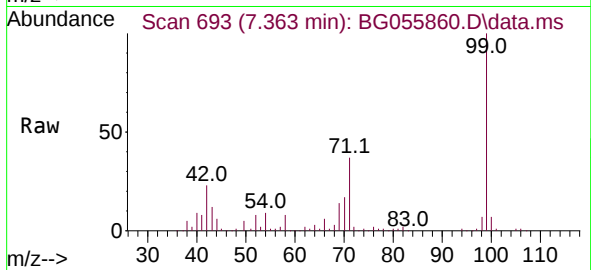
#7
Phenol-d6
Concen: 119.546 ng
RT: 7.363 min Scan# 698
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

Tgt Ion: 99 Resp: 357136
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 37.1 29.0 43.6

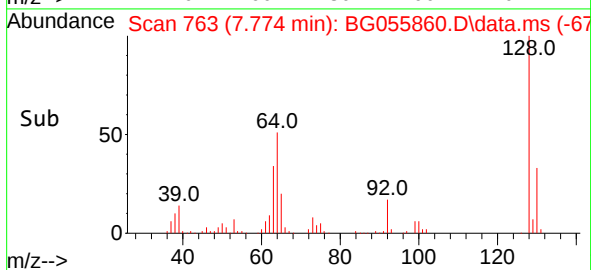
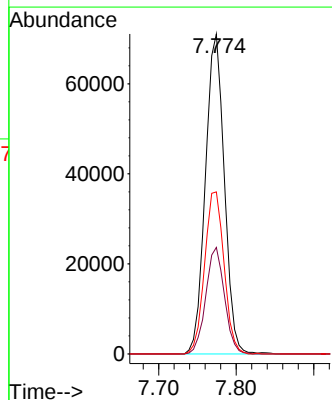
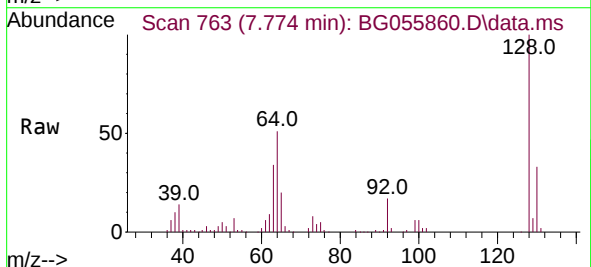
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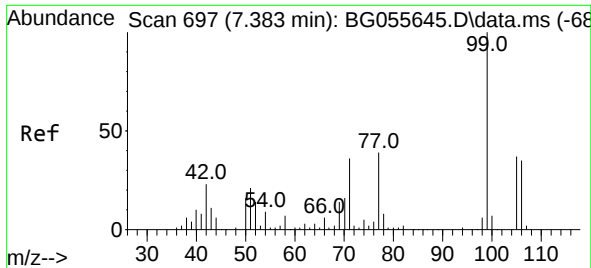
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#8
2-Chlorophenol
Concen: 46.909 ng
RT: 7.774 min Scan# 763
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:128 Resp: 120349
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 50.6 30.2 70.2





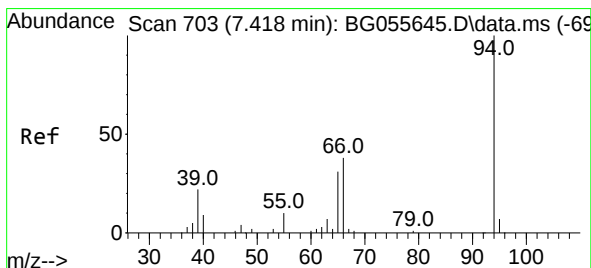
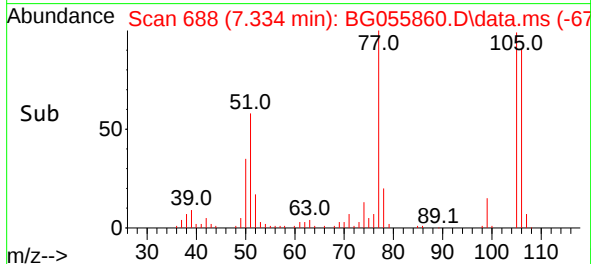
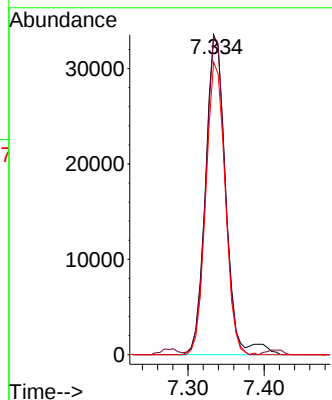
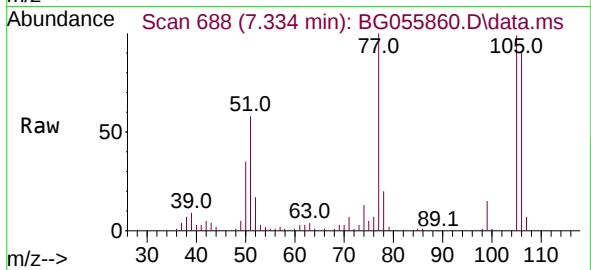
#9
Benzaldehyde
Concen: 30.402 ng m
RT: 7.334 min Scan# 68
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

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ClientSampleId :
OE-2-113022MSD

Tgt Ion: 77 Resp: 61682
Ion Ratio Lower Upper
77 100
105 99.5 76.3 116.3
106 91.4 69.8 109.8

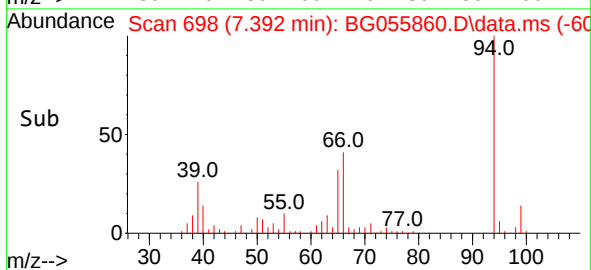
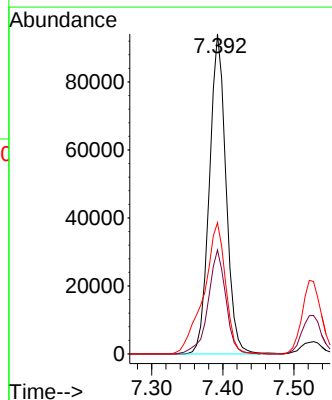
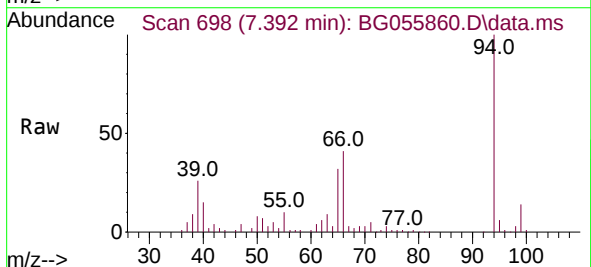
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#10
Phenol
Concen: 45.623 ng
RT: 7.392 min Scan# 698
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 94 Resp: 152609
Ion Ratio Lower Upper
94 100
65 32.5 11.8 51.8
66 41.0 20.5 60.5





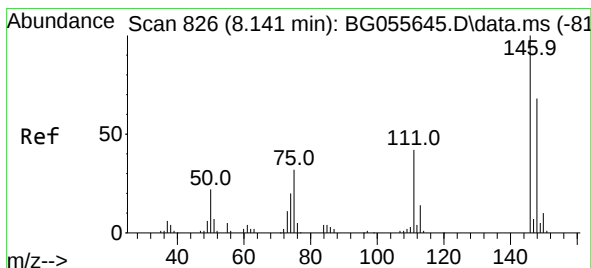
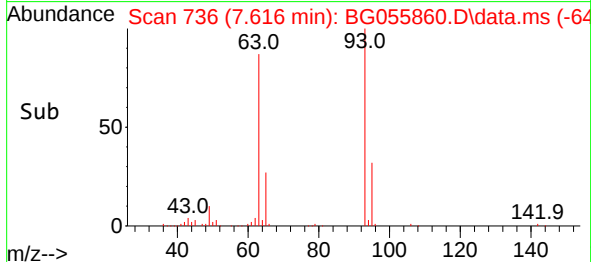
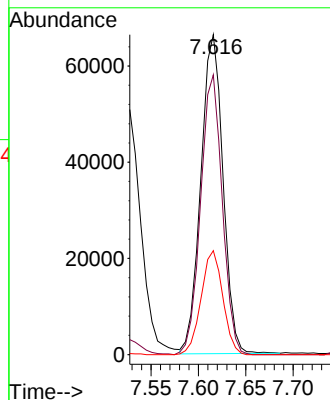
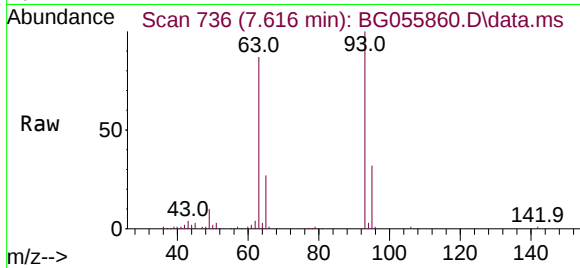
#11
bis(2-Chloroethyl)ether
Concen: 42.132 ng
RT: 7.616 min Scan# 744
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

Tgt Ion: 93 Resp: 108003
Ion Ratio Lower Upper
93 100
63 87.4 67.6 107.6
95 32.5 11.8 51.8

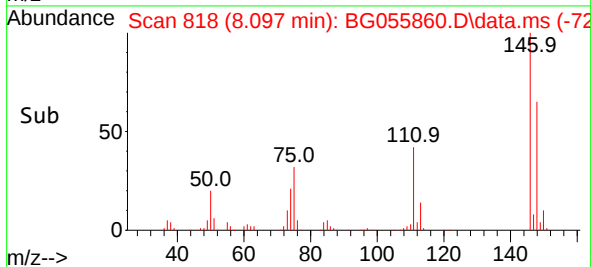
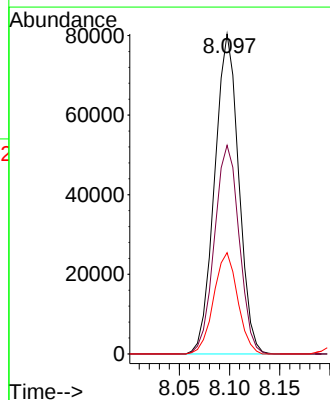
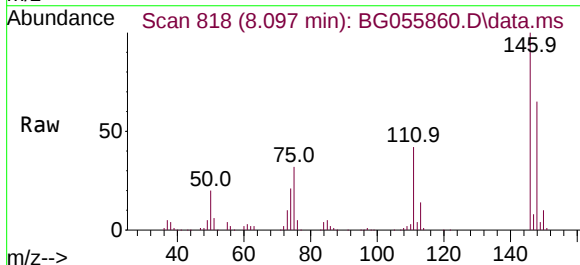
Manual Integrations
APPROVED

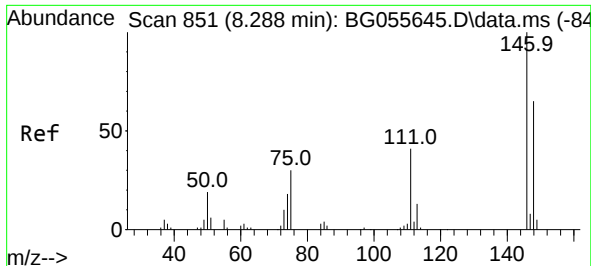
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 44.554 ng
RT: 8.097 min Scan# 818
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

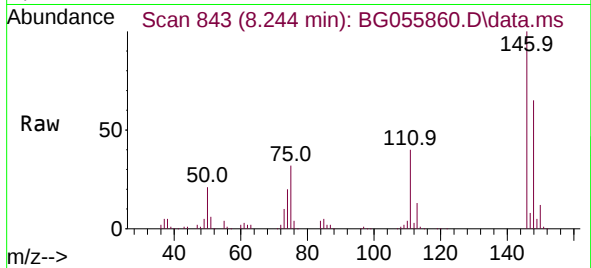
Tgt Ion:146 Resp: 134392
Ion Ratio Lower Upper
146 100
148 65.2 54.6 81.8
75 31.6 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 44.402 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

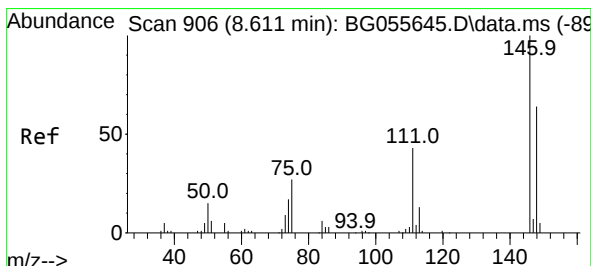
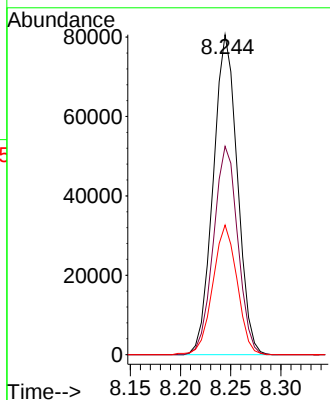
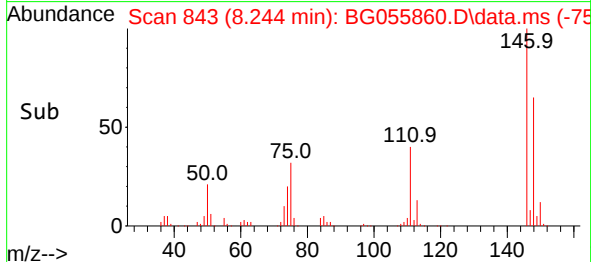
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



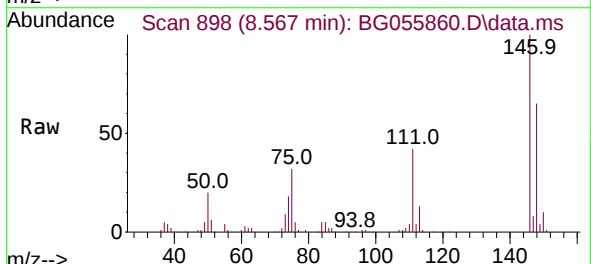
Tgt Ion:146 Resp: 135340
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
111 40.5 33.0 49.4

Manual Integrations
APPROVED

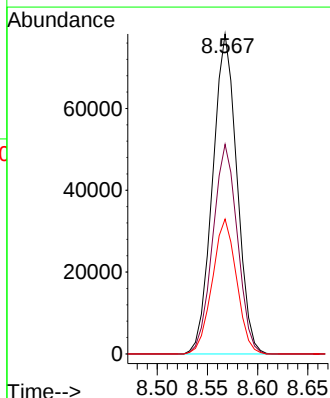
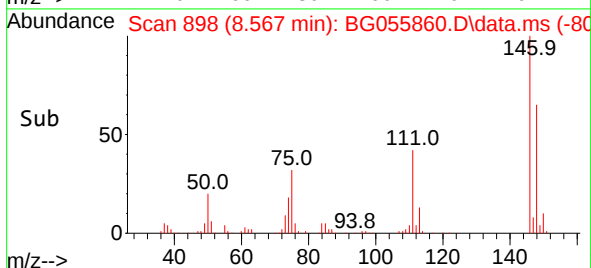
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#14
1,2-Dichlorobenzene
Concen: 45.209 ng
RT: 8.567 min Scan# 898
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:146 Resp: 132049
Ion Ratio Lower Upper
146 100
148 65.5 50.9 76.3
111 42.1 34.5 51.7





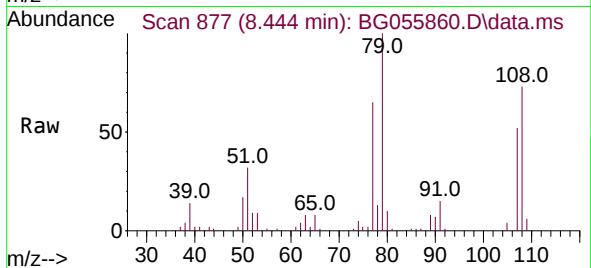
#15
Benzyl Alcohol
Concen: 45.015 ng m
RT: 8.444 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

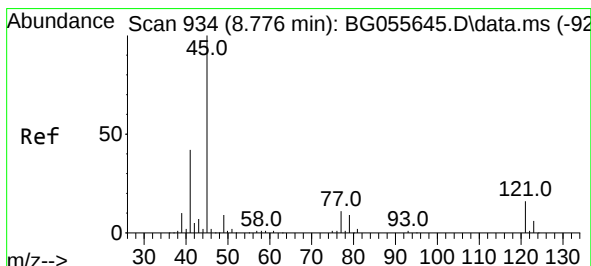
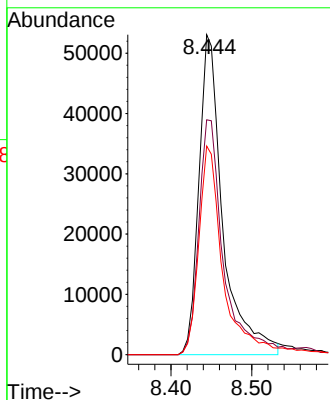
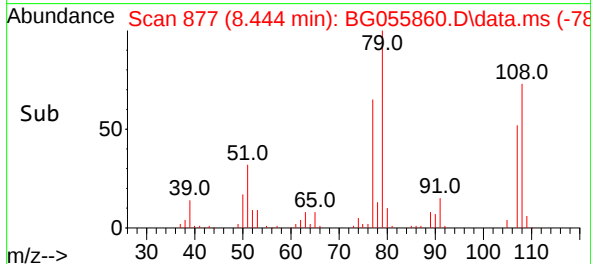
OE-2-113022MSD



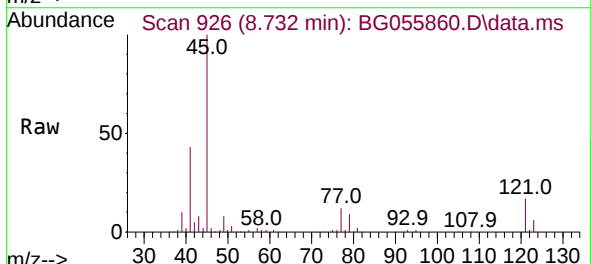
Tgt Ion: 79 Resp: 109293
Ion Ratio Lower Upper
79 100
108 73.4 62.6 93.8
77 65.2 52.4 78.6

Manual Integrations
APPROVED

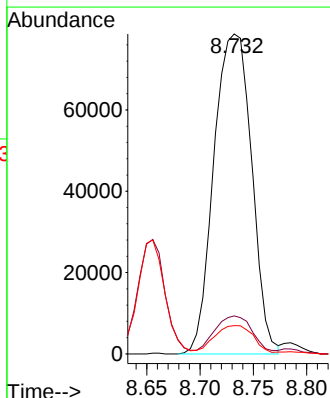
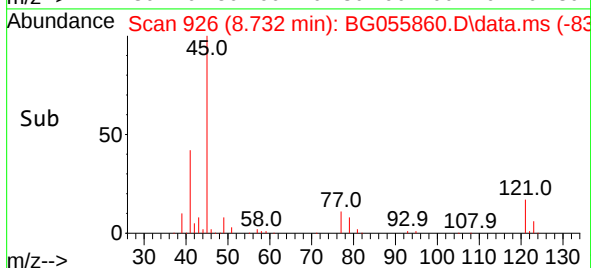
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

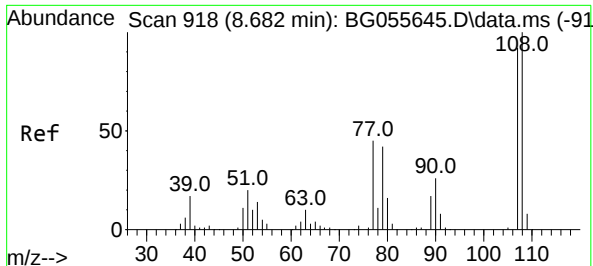


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.768 ng
RT: 8.732 min Scan# 926
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



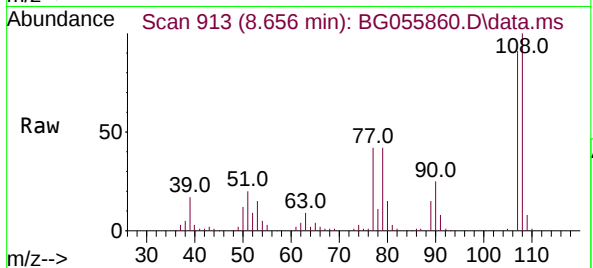
Tgt Ion: 45 Resp: 193826
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 8.8 0.0 29.5





#17
2-Methylphenol
Concen: 44.949 ng
RT: 8.656 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

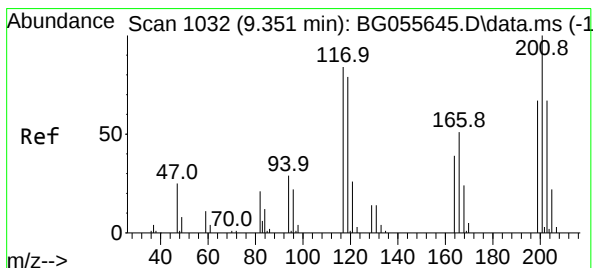
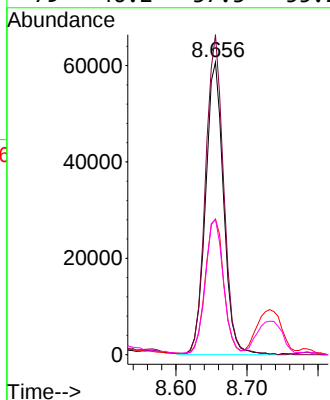
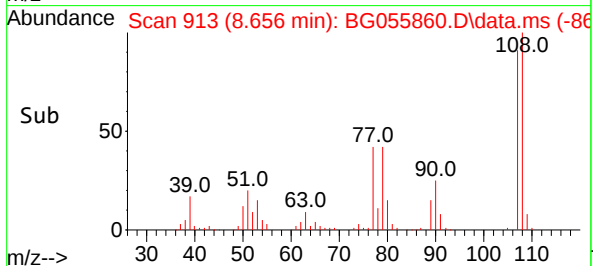
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



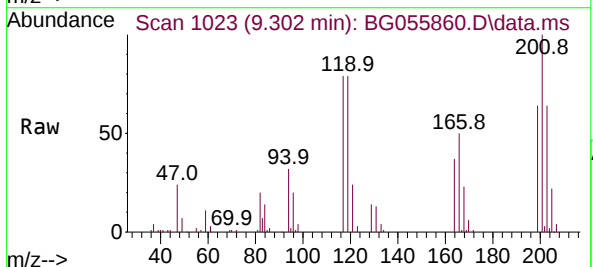
Tgt Ion:107 Resp: 106746
Ion Ratio Lower Upper
107 100
108 109.4 87.3 130.9
77 46.4 39.4 59.0
79 46.2 37.3 55.9

Manual Integrations
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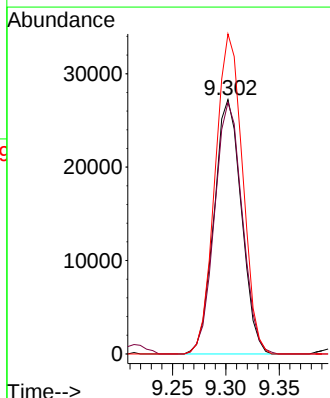
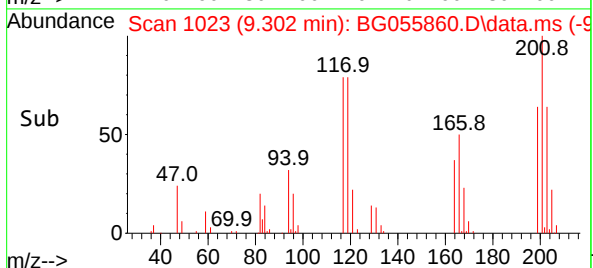
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

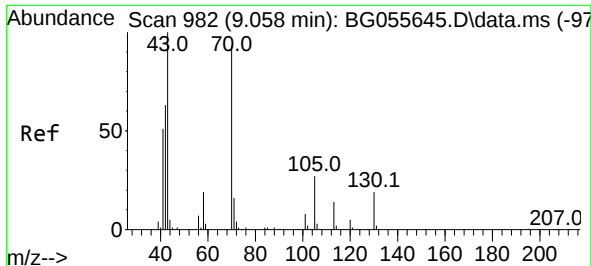


#18
Hexachloroethane
Concen: 46.422 ng
RT: 9.302 min Scan# 1023
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



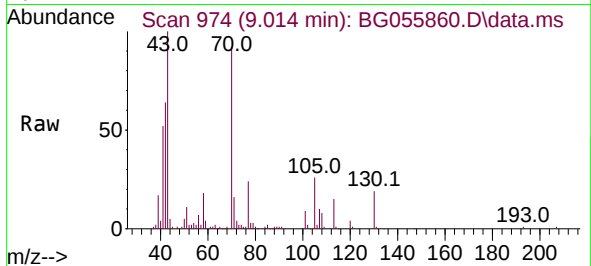
Tgt Ion:117 Resp: 48701
Ion Ratio Lower Upper
117 100
119 98.8 76.0 114.0
201 125.8 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.531 ng
RT: 9.014 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

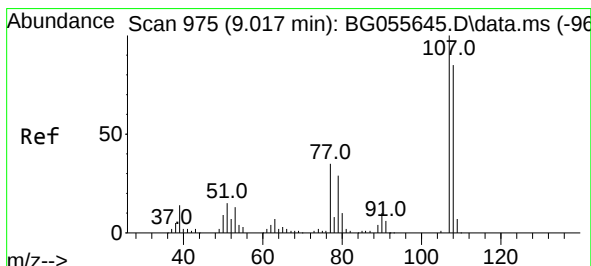
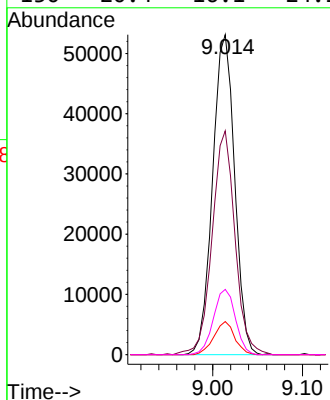
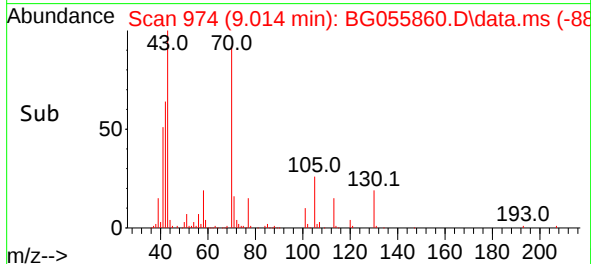
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



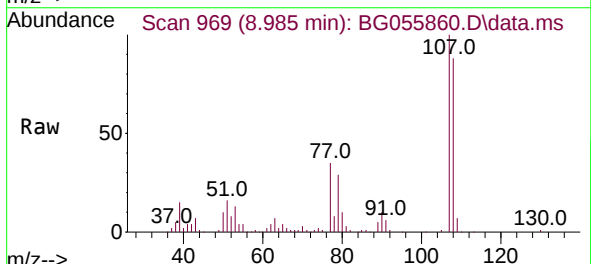
Tgt Ion: 70 Resp: 9073
Ion Ratio Lower Upper
70 100
42 69.9 55.2 82.8
101 10.3 7.1 10.7
130 20.4 16.1 24.1

Manual Integrations
APPROVED

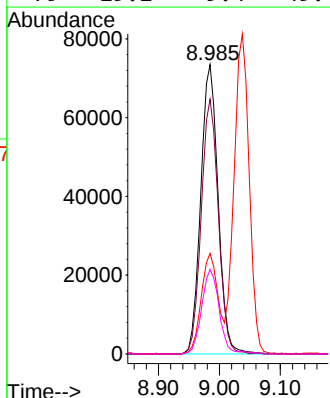
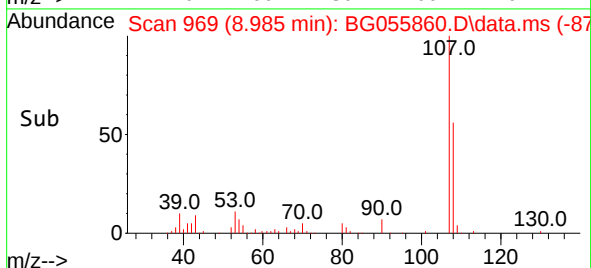
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

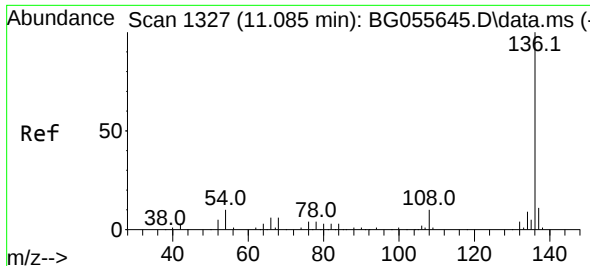


#20
3+4-Methylphenols
Concen: 43.727 ng
RT: 8.985 min Scan# 969
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:107 Resp: 145064
Ion Ratio Lower Upper
107 100
108 88.0 65.5 105.5
77 34.7 14.6 54.6
79 29.2 9.4 49.4





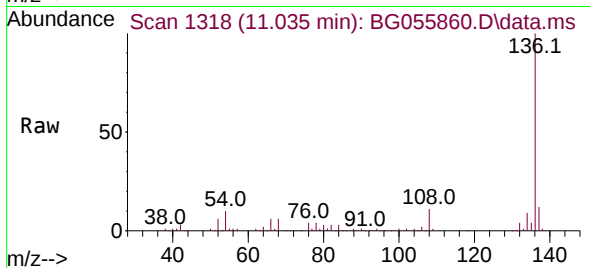
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

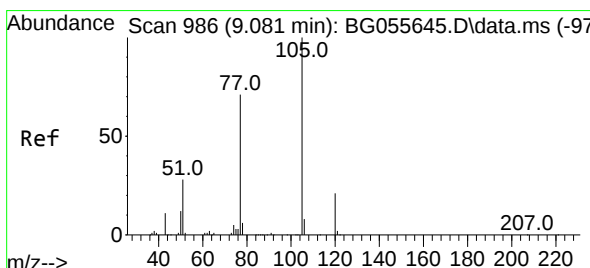
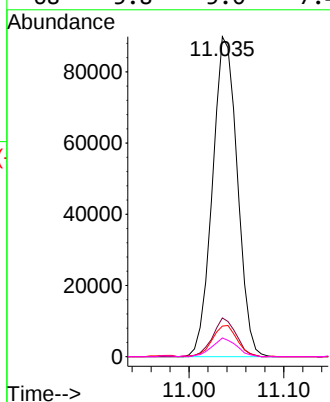
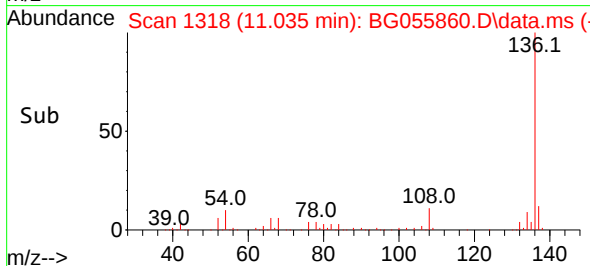


Tgt Ion:136 Resp: 163763
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.5 7.8 11.6
68 5.8 5.0 7.4

Manual Integrations

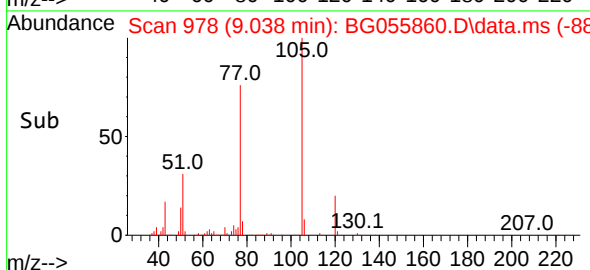
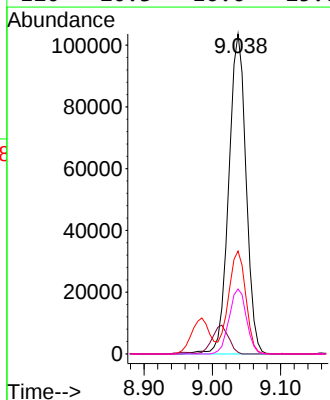
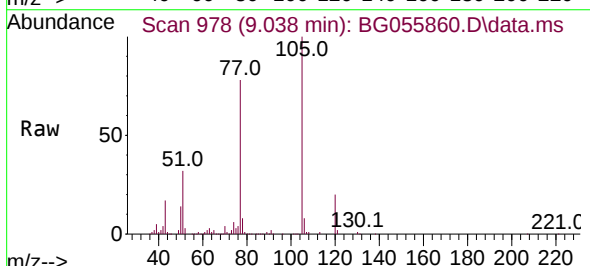
APPROVED

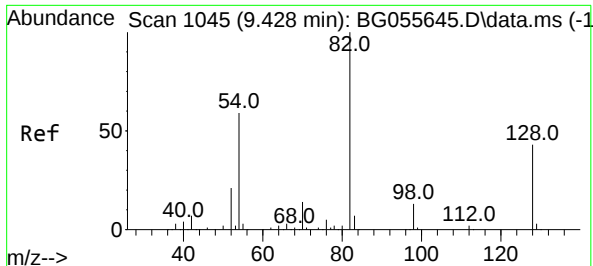
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#22
Acetophenone
Concen: 42.775 ng
RT: 9.038 min Scan# 978
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:105 Resp: 182024
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 32.1 24.5 36.7
120 20.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.640 ng

RT: 9.384 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

Tgt Ion: 82 Resp: 225064

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

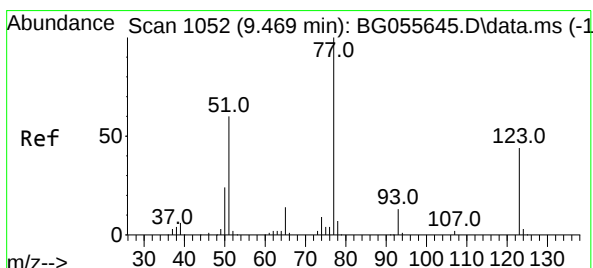
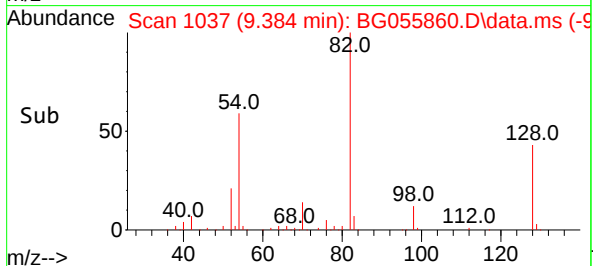
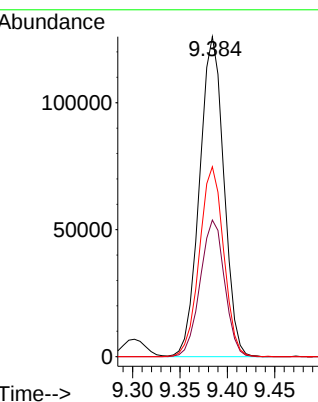
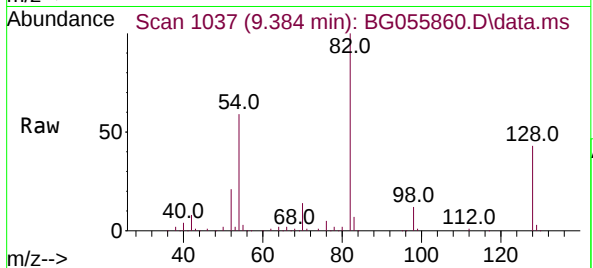
54 59.3 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#24

Nitrobenzene

Concen: 42.595 ng

RT: 9.425 min Scan# 1044

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

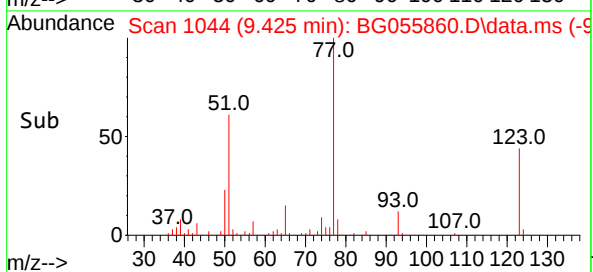
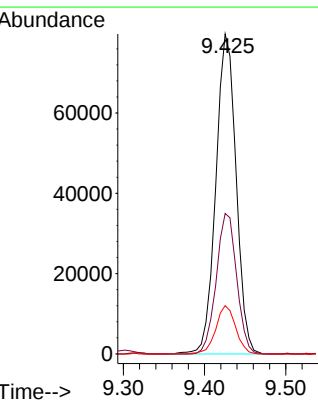
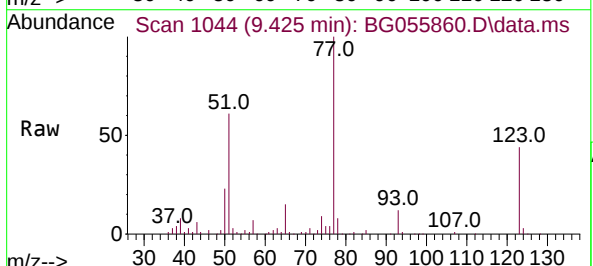
Tgt Ion: 77 Resp: 137852

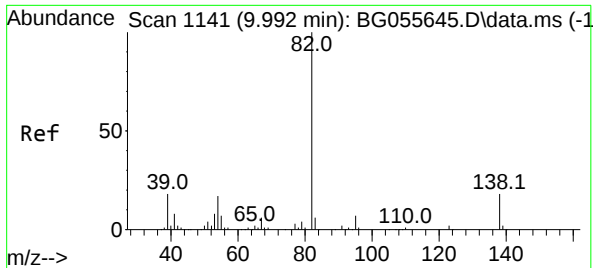
Ion Ratio Lower Upper

77 100

123 43.9 35.5 53.3

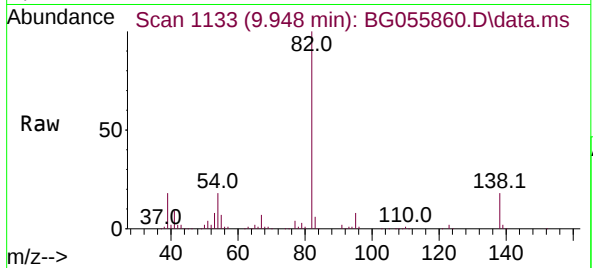
65 15.1 11.5 17.3





#25
Isophorone
Concen: 43.177 ng
RT: 9.948 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

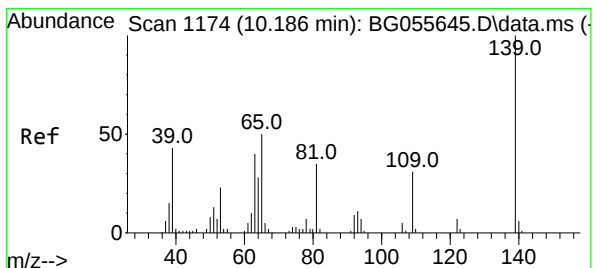
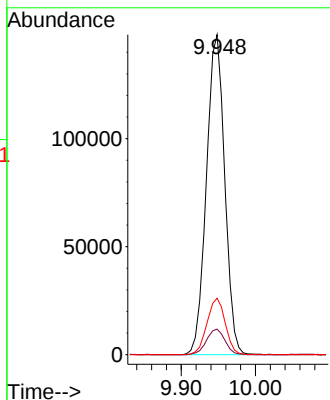
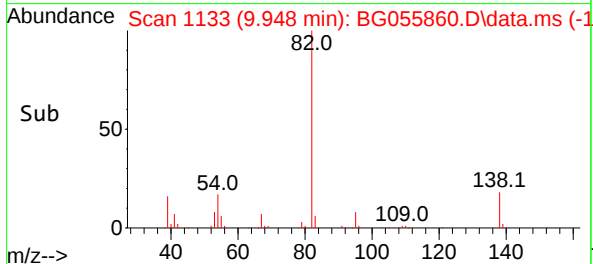
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



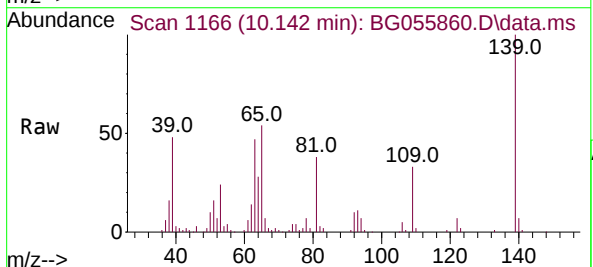
Tgt Ion: 82 Resp: 25347
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.6 14.2 21.4

Manual Integrations
APPROVED

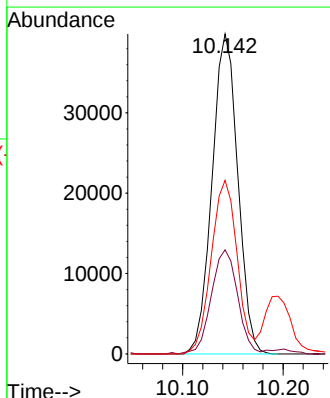
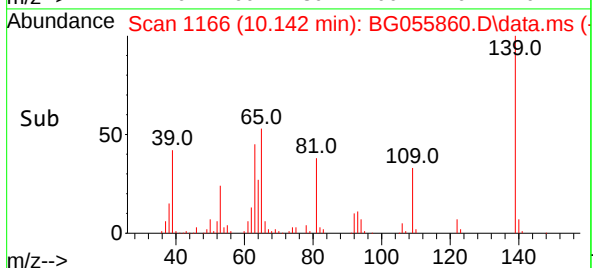
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

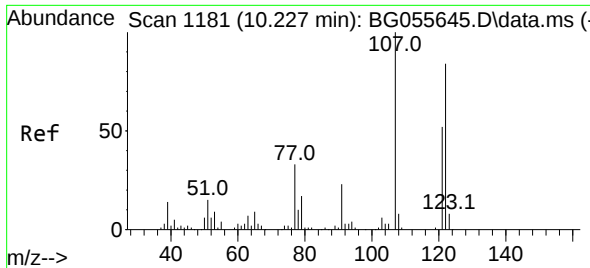


#26
2-Nitrophenol
Concen: 47.485 ng
RT: 10.142 min Scan# 1166
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



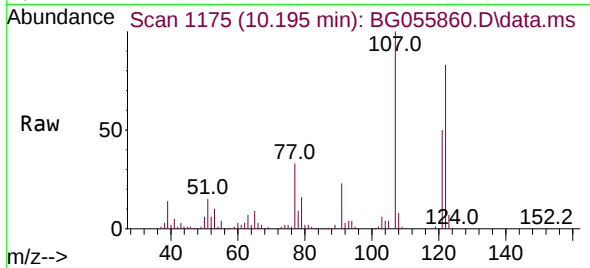
Tgt Ion:139 Resp: 70942
Ion Ratio Lower Upper
139 100
109 32.5 24.4 36.6
65 54.2 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 52.238 ng m
RT: 10.195 min Scan# 1181
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

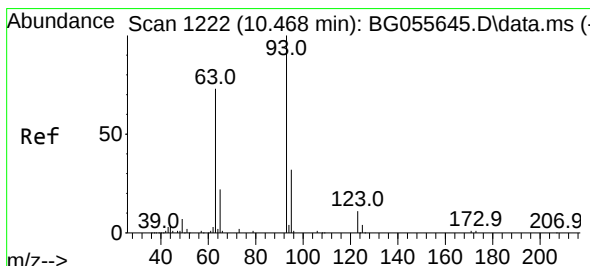
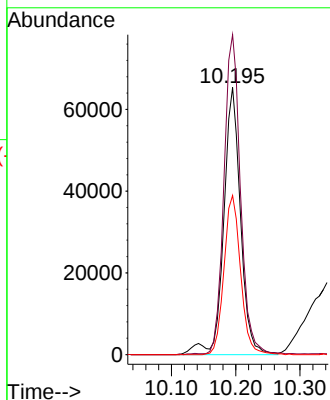
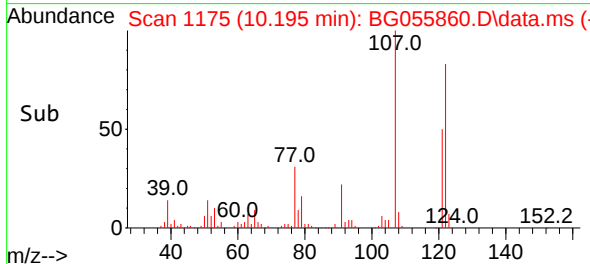
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:122 Resp: 118779
Ion Ratio Lower Upper
122 100
107 119.8 95.8 143.6
121 59.6 49.6 74.4

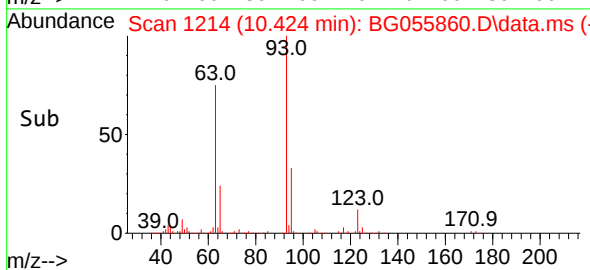
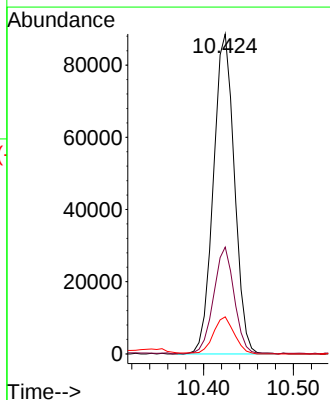
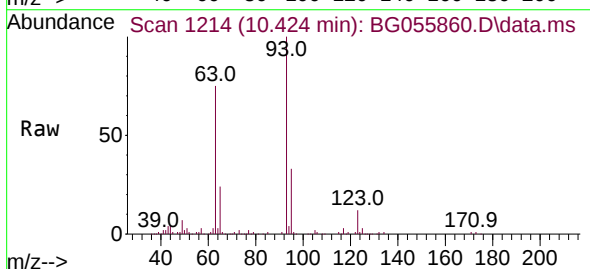
Manual Integrations
APPROVED

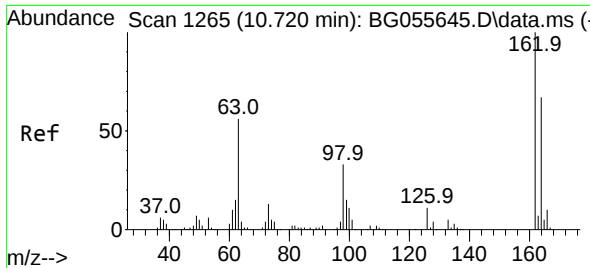
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.861 ng
RT: 10.424 min Scan# 1214
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

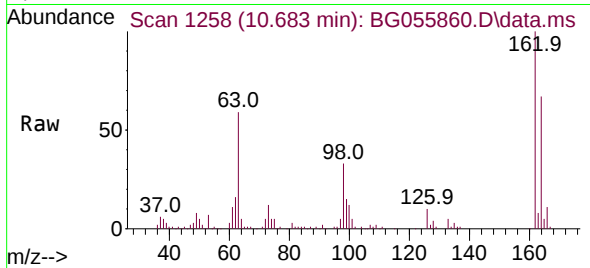
Tgt Ion: 93 Resp: 144534
Ion Ratio Lower Upper
93 100
95 33.4 25.7 38.5
123 11.6 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.977 ng
RT: 10.683 min Scan# 1258
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

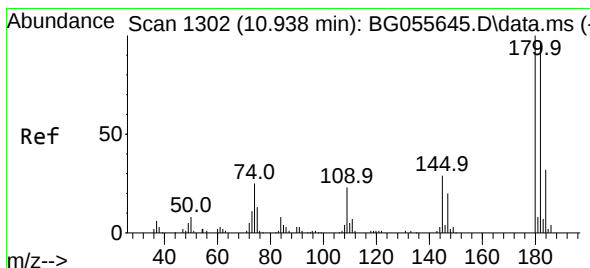
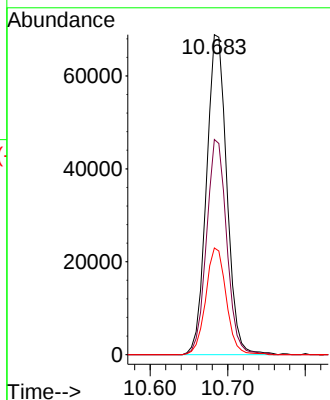
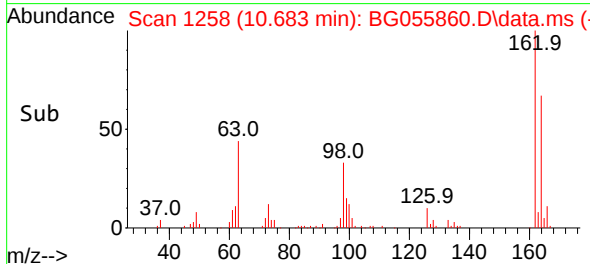
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



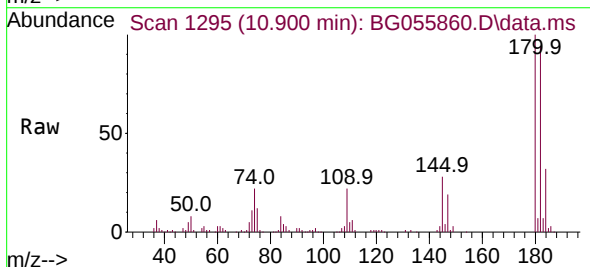
Tgt Ion:162 Resp: 125129
Ion Ratio Lower Upper
162 100
164 67.2 46.7 86.7
98 33.3 12.8 52.8

Manual Integrations
APPROVED

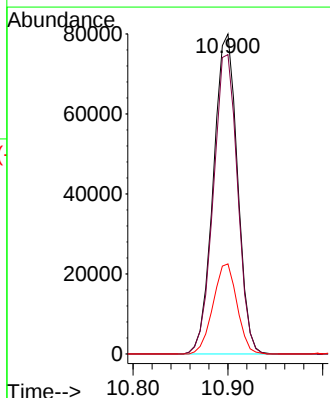
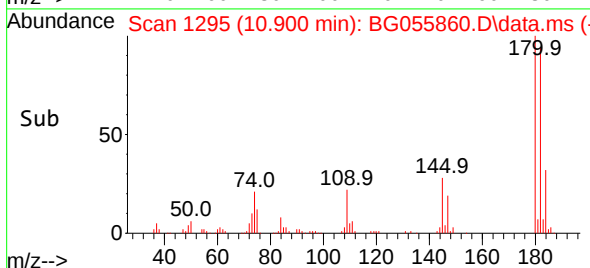
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

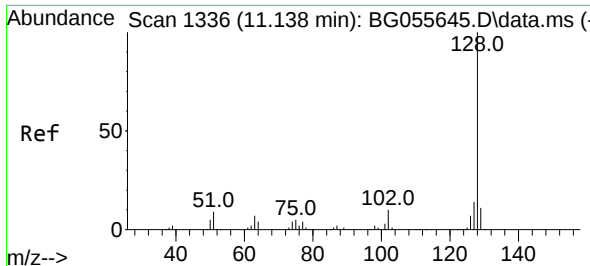


#30
1,2,4-Trichlorobenzene
Concen: 44.609 ng
RT: 10.900 min Scan# 1295
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



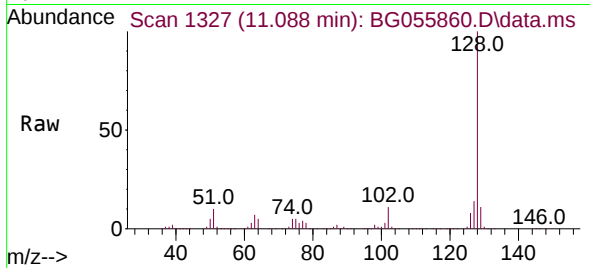
Tgt Ion:180 Resp: 141045
Ion Ratio Lower Upper
180 100
182 93.5 77.1 115.7
145 28.1 22.9 34.3





#31
Naphthalene
Concen: 43.451 ng
RT: 11.088 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

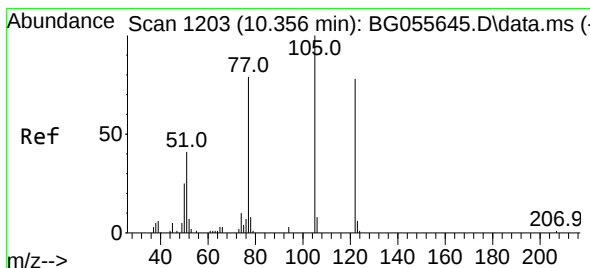
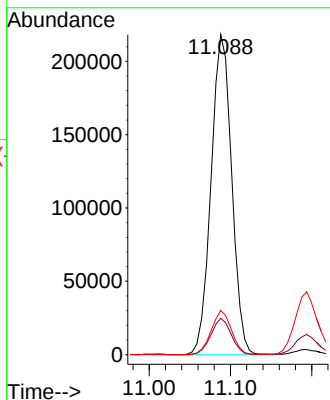
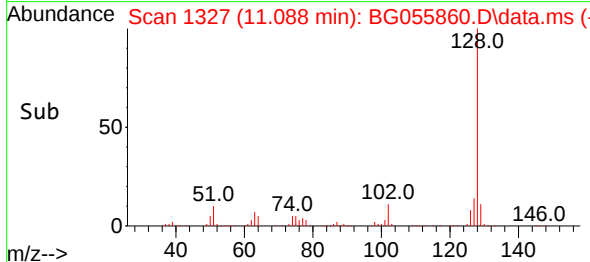
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:128 Resp: 384664
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.8 10.9 16.3

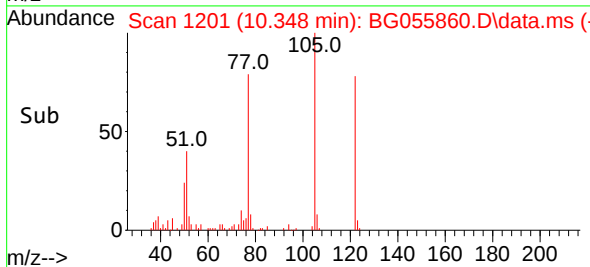
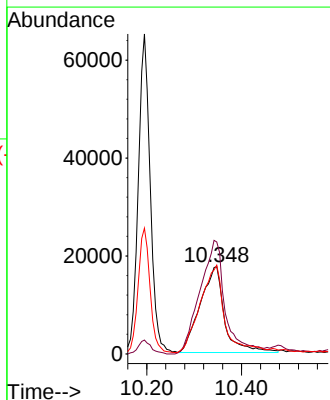
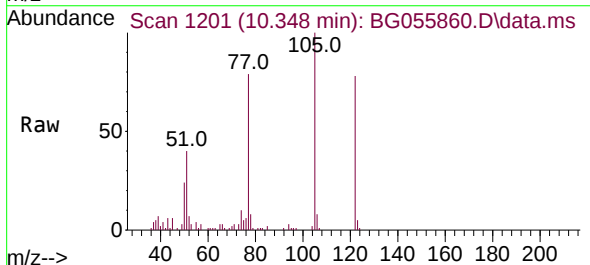
Manual Integrations
APPROVED

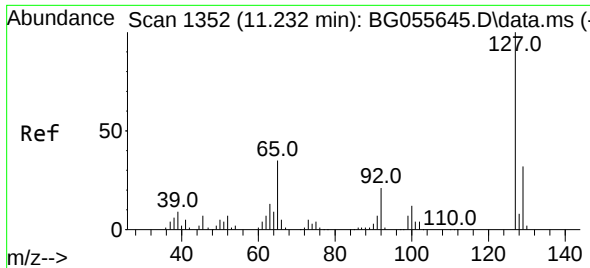
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#32
Benzoic acid
Concen: 33.813 ng
RT: 10.348 min Scan# 1201
Delta R.T. 0.015 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:122 Resp: 63254
Ion Ratio Lower Upper
122 100
105 128.3 104.3 144.3
77 101.7 79.9 119.9





#33
4-Chloroaniline
Concen: 23.195 ng
RT: 11.194 min Scan# 1345
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

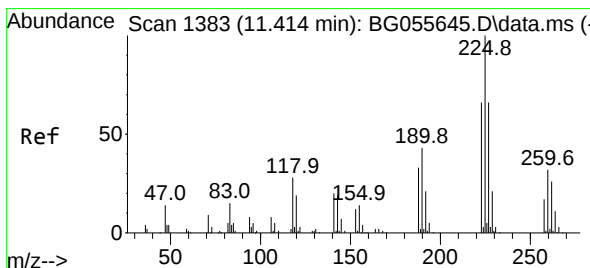
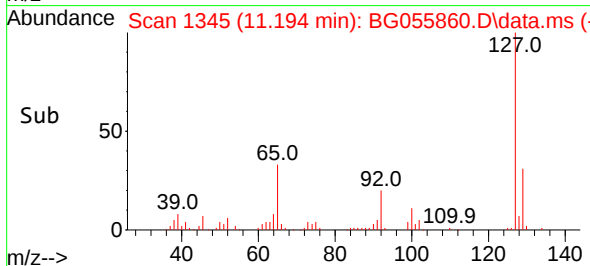
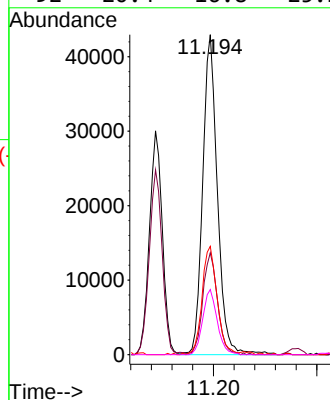
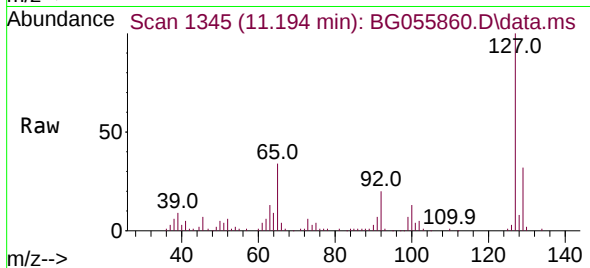
OE-2-113022MSD

Tgt Ion:127 Resp: 84706
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 33.8 27.9 41.9
92 20.4 16.8 25.2

Manual Integrations

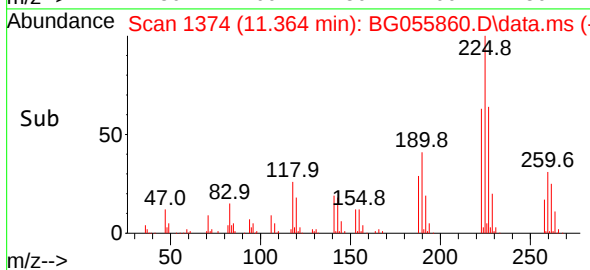
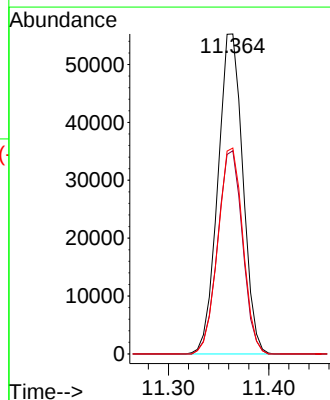
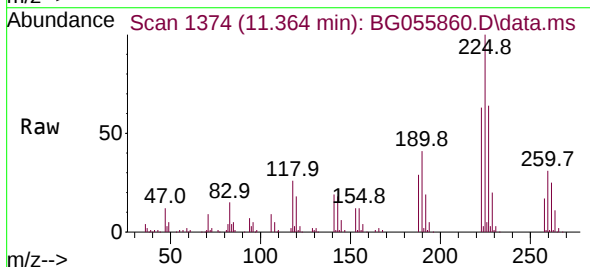
APPROVED

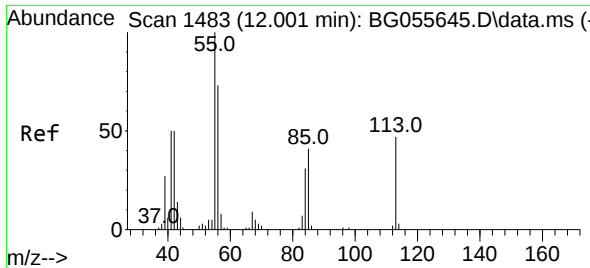
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#34
Hexachlorobutadiene
Concen: 44.297 ng
RT: 11.364 min Scan# 1374
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

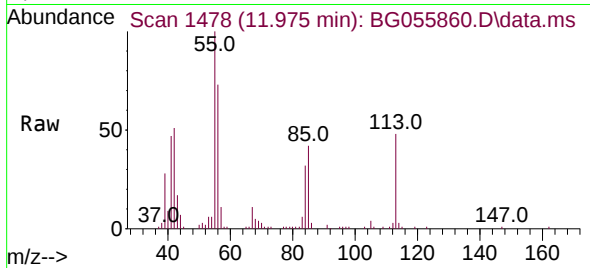
Tgt Ion:225 Resp: 95637
Ion Ratio Lower Upper
225 100
223 63.5 52.9 79.3
227 64.3 52.6 79.0





#35
Caprolactam
Concen: 39.750 ng m
RT: 11.975 min Scan# 1483
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

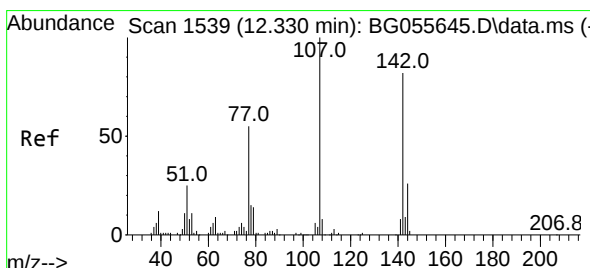
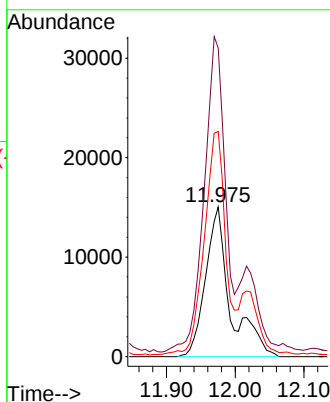
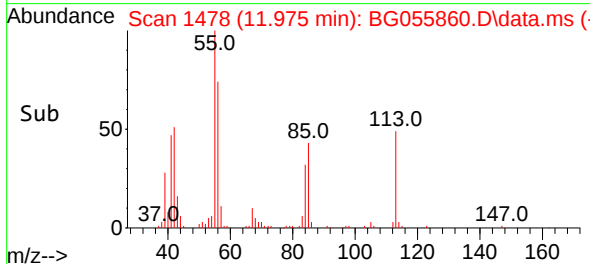
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:113 Resp: 37436
Ion Ratio Lower Upper
113 100
55 206.3 193.5 233.5
56 150.5 135.2 175.2

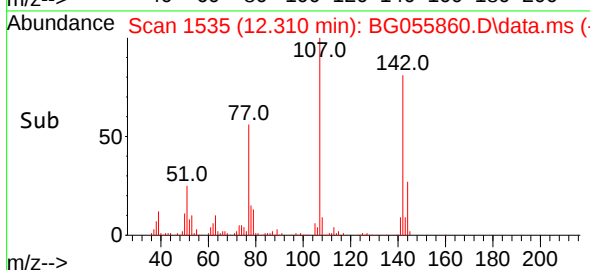
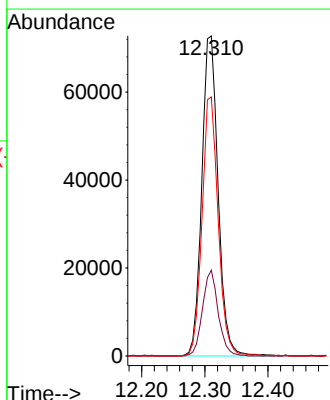
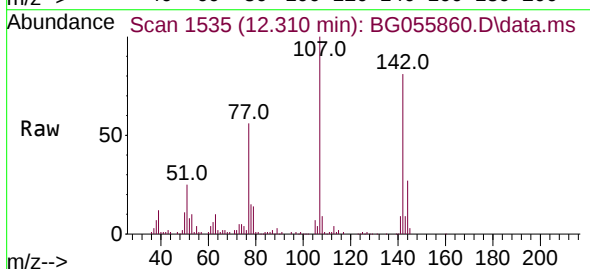
Manual Integrations
APPROVED

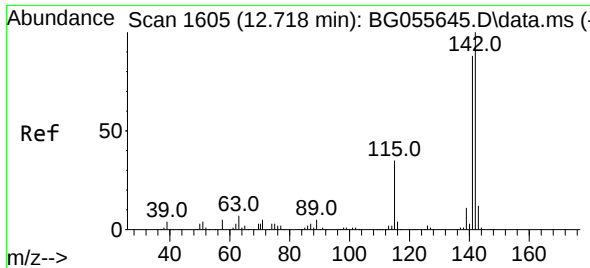
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#36
4-Chloro-3-methylphenol
Concen: 43.590 ng
RT: 12.310 min Scan# 1535
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

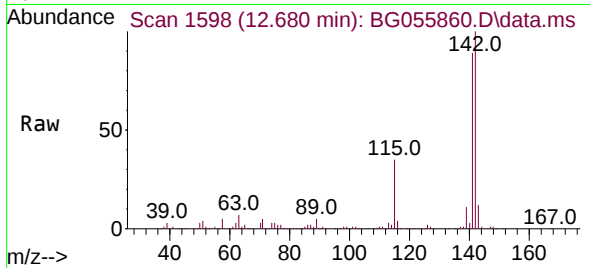
Tgt Ion:107 Resp: 130387
Ion Ratio Lower Upper
107 100
144 26.8 21.0 31.4
142 80.9 65.9 98.9





#37
2-Methylnaphthalene
Concen: 43.985 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

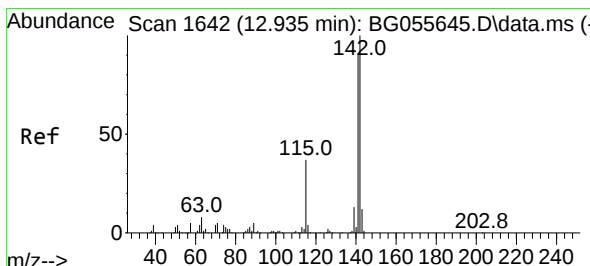
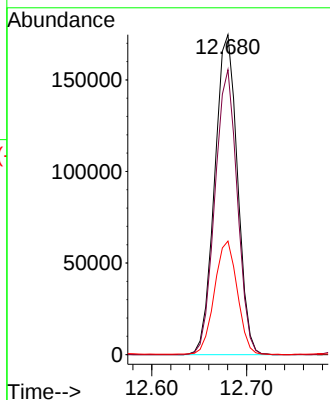
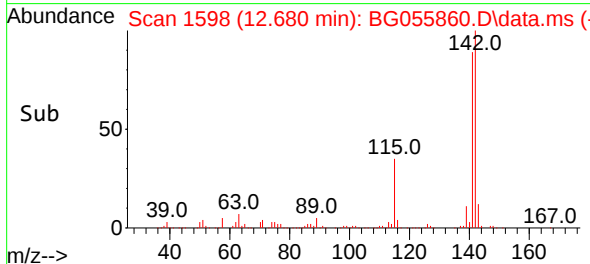
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:142 Resp: 291556
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 35.5 27.9 41.9

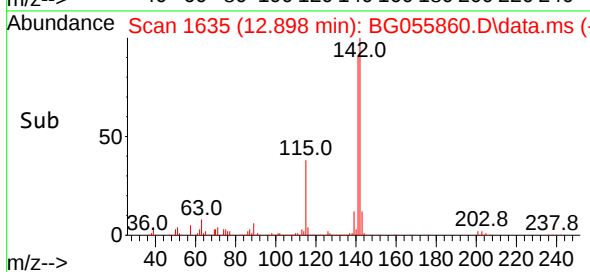
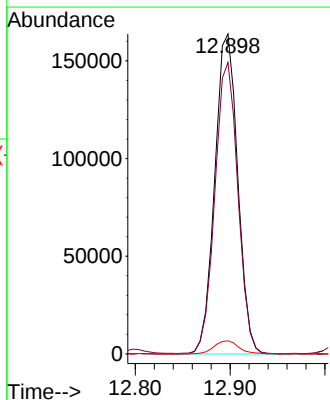
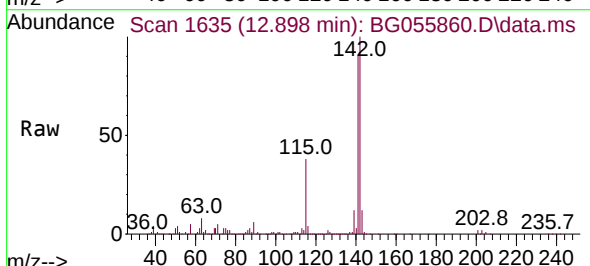
Manual Integrations
APPROVED

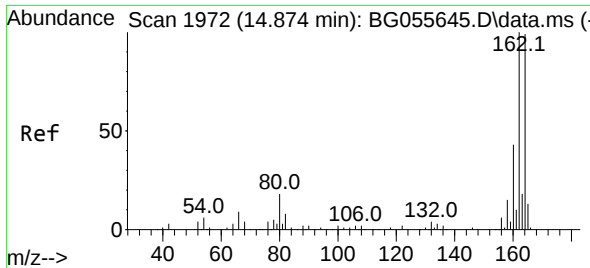
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#38
1-Methylnaphthalene
Concen: 42.795 ng
RT: 12.898 min Scan# 1635
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

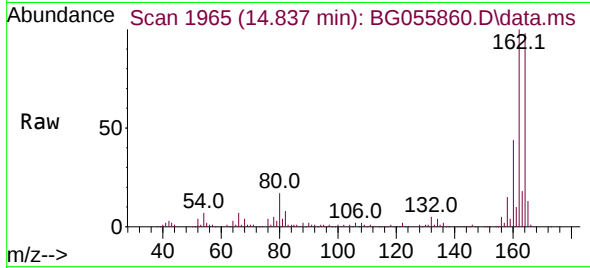
Tgt Ion:142 Resp: 275379
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.837 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

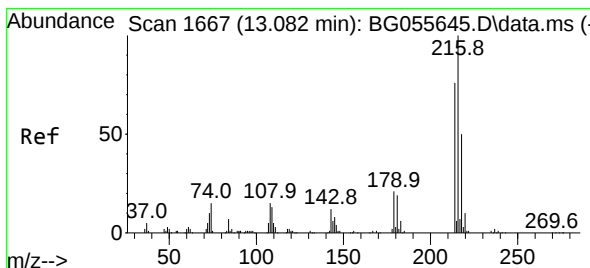
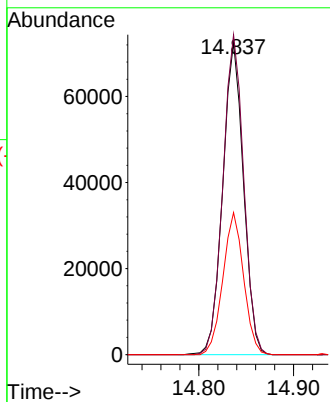
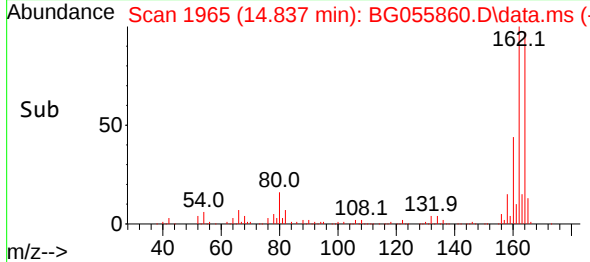
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



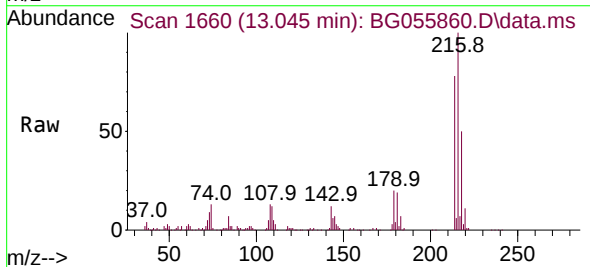
Tgt Ion:164 Resp: 109958
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 45.4 34.8 52.2

Manual Integrations
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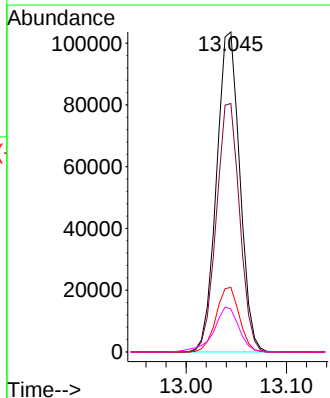
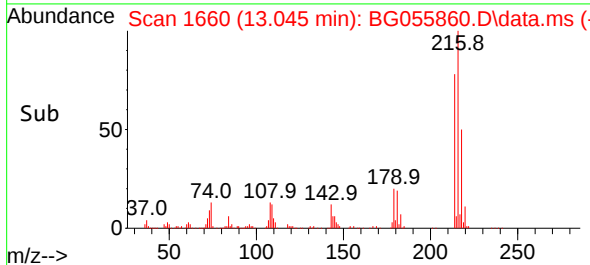
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.400 ng
RT: 13.045 min Scan# 1660
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



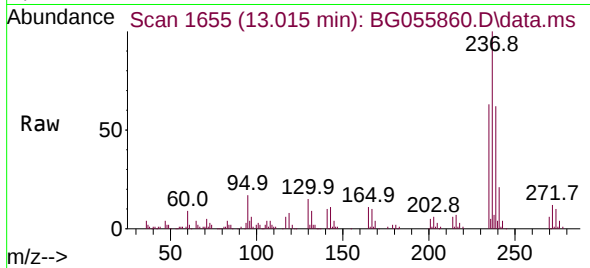
Tgt Ion:216 Resp: 167245
Ion Ratio Lower Upper
216 100
214 77.7 62.1 93.1
179 20.1 16.5 24.7
108 15.1 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 43.826 ng
RT: 13.015 min Scan# 1663
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

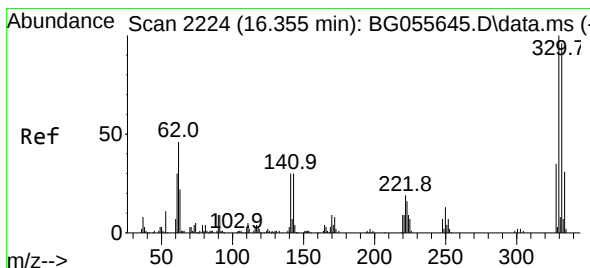
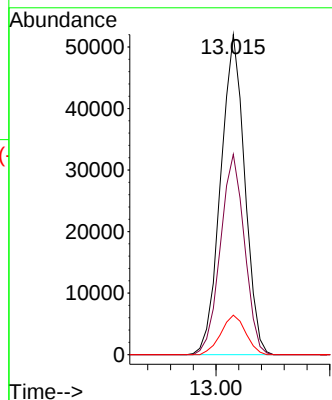
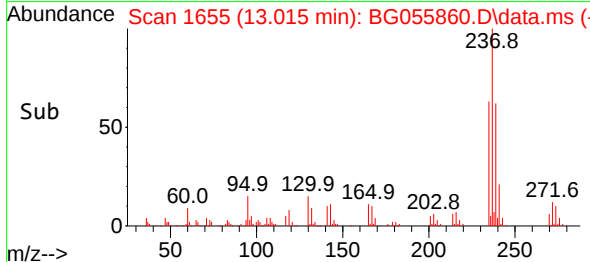
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



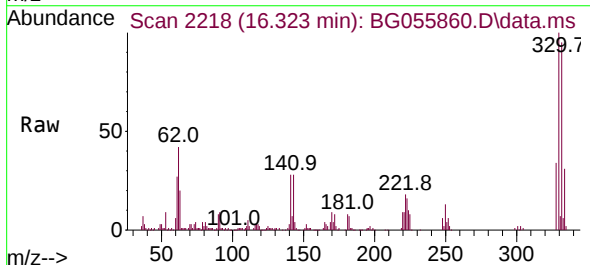
Tgt Ion:237 Resp: 76326
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 12.3 0.0 33.6

Manual Integrations
APPROVED

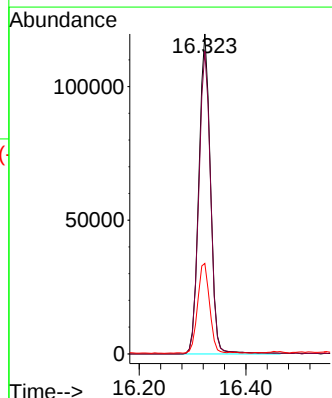
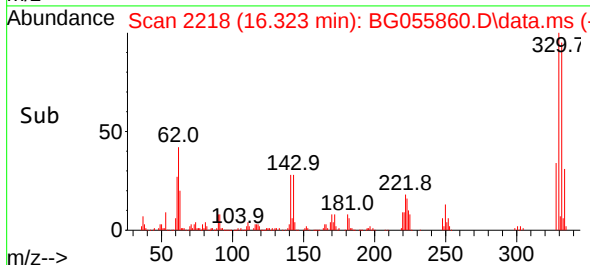
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

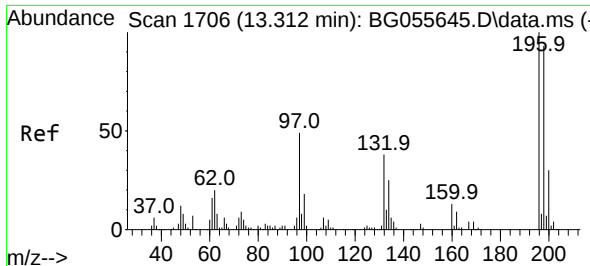


#42
2,4,6-Tribromophenol
Concen: 116.660 ng
RT: 16.323 min Scan# 2218
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



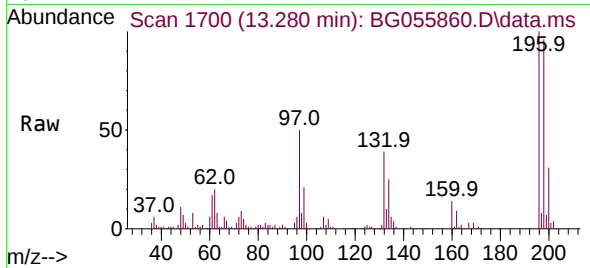
Tgt Ion:330 Resp: 180630
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 28.9 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 45.834 ng
RT: 13.280 min Scan# 1710
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

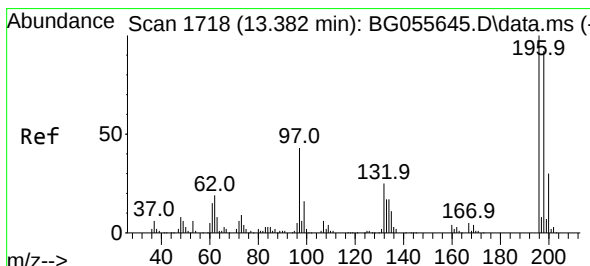
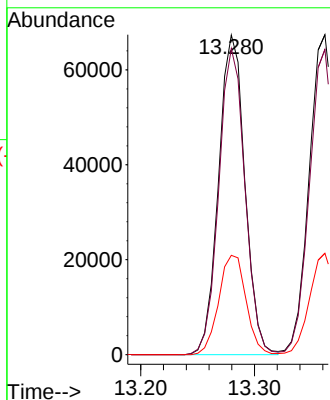
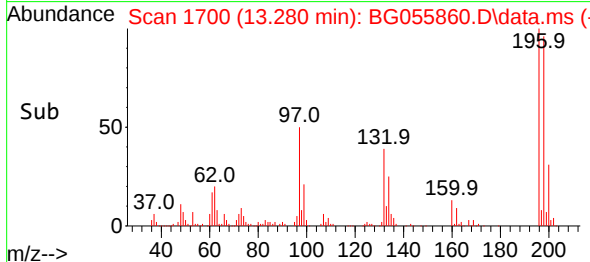
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



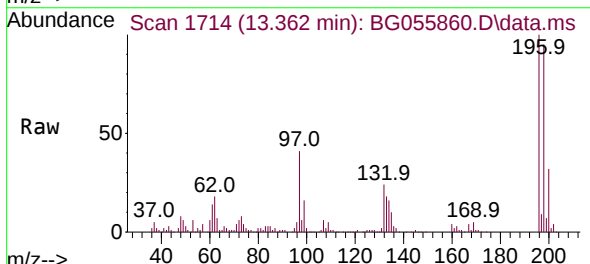
Tgt Ion:196 Resp: 108036
Ion Ratio Lower Upper
196 100
198 95.7 74.6 112.0
200 31.1 23.7 35.5

Manual Integrations
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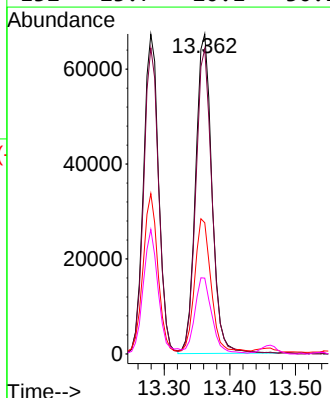
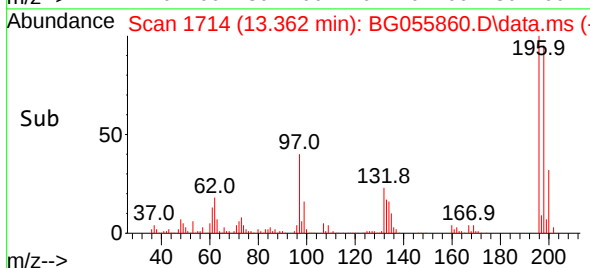
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

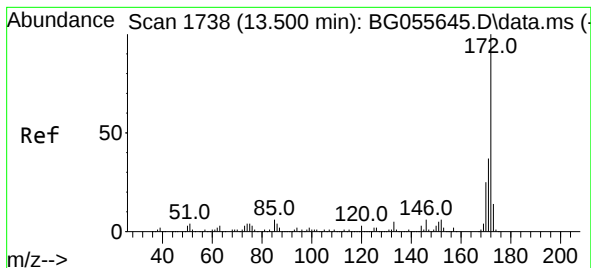


#44
2,4,5-Trichlorophenol
Concen: 44.702 ng
RT: 13.362 min Scan# 1714
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



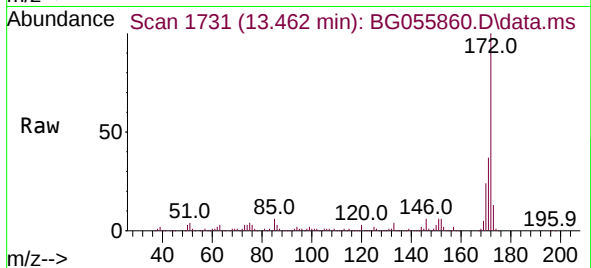
Tgt Ion:196 Resp: 115792
Ion Ratio Lower Upper
196 100
198 95.4 74.1 111.1
97 41.0 34.8 52.2
132 23.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 74.470 ng
RT: 13.462 min Scan# 1731
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

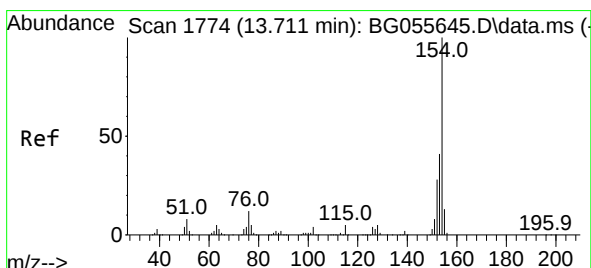
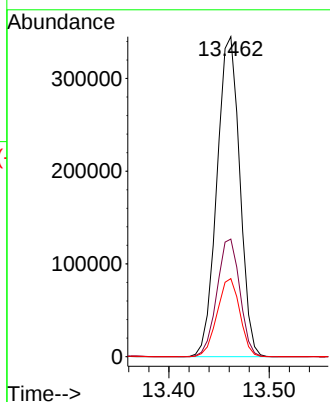
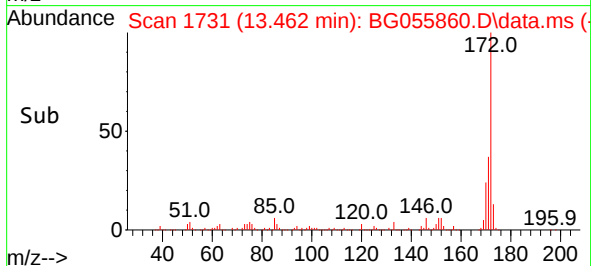
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



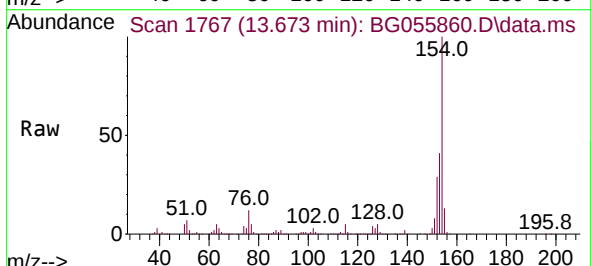
Tgt Ion:172 Resp: 546585
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.4 20.2 30.4

Manual Integrations
APPROVED

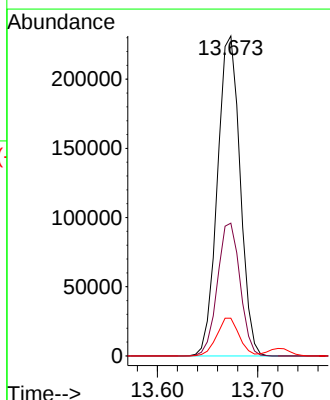
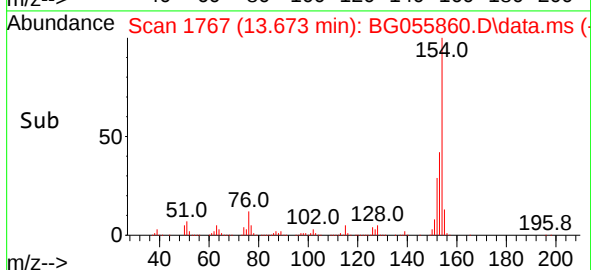
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

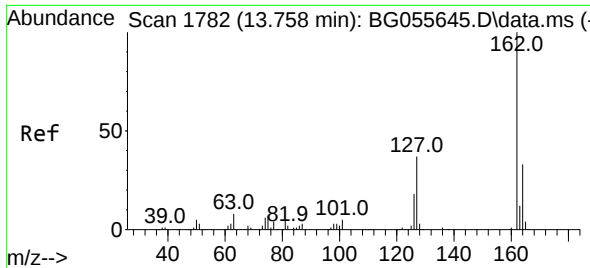


#46
1,1'-Biphenyl
Concen: 45.354 ng
RT: 13.673 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



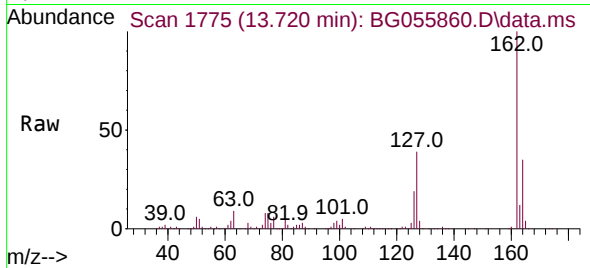
Tgt Ion:154 Resp: 363414
Ion Ratio Lower Upper
154 100
153 41.5 20.6 60.6
76 11.8 0.0 32.4





#47
2-Chloronaphthalene
Concen: 44.488 ng
RT: 13.720 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

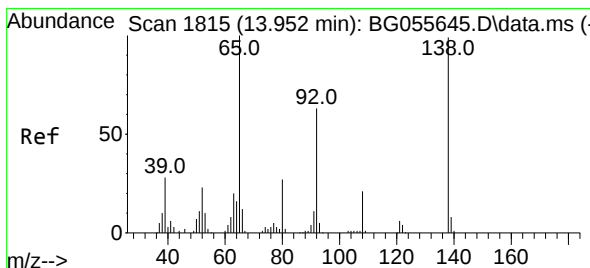
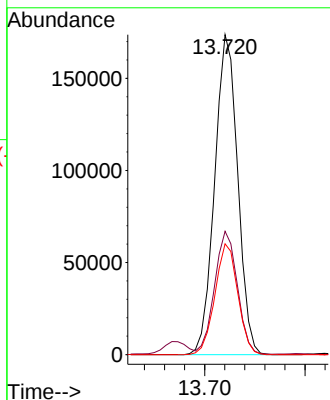
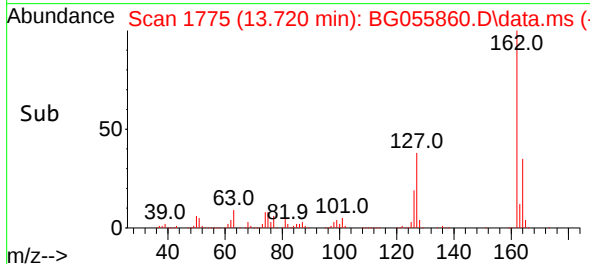
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:162 Resp: 277076
Ion Ratio Lower Upper
162 100
127 38.5 29.9 44.9
164 34.6 26.4 39.6

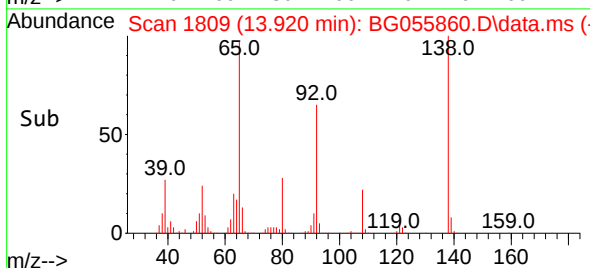
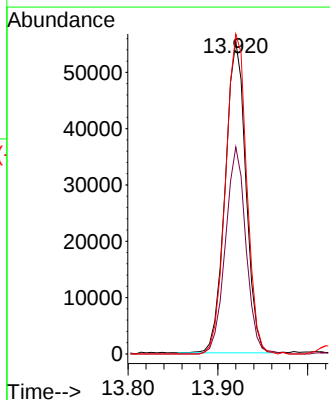
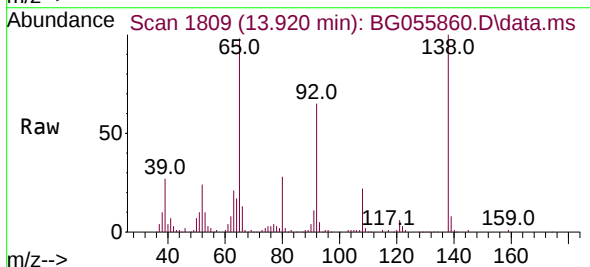
Manual Integrations
APPROVED

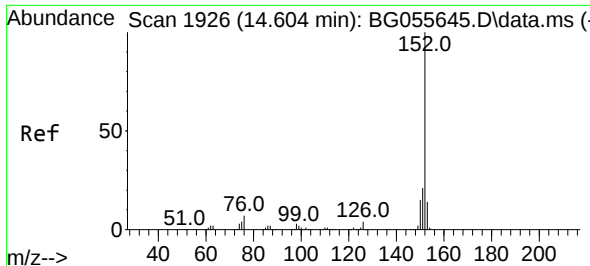
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#48
2-Nitroaniline
Concen: 43.259 ng
RT: 13.920 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

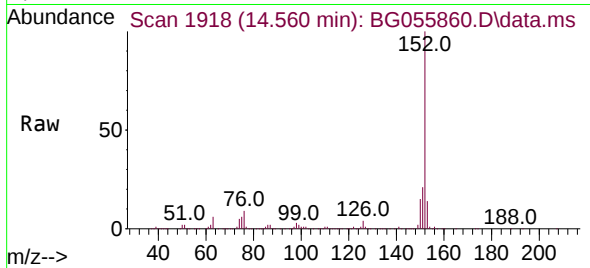
Tgt Ion: 65 Resp: 88580
Ion Ratio Lower Upper
65 100
92 66.2 50.1 75.1
138 102.4 79.4 119.0





#49
Acenaphthylene
Concen: 44.928 ng
RT: 14.560 min Scan# 1926
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

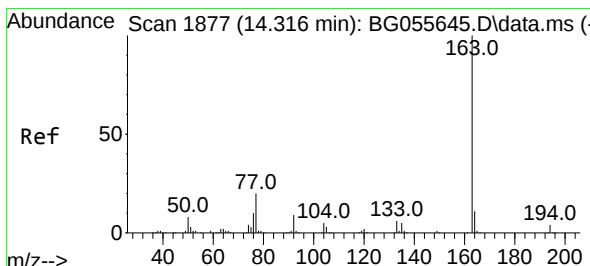
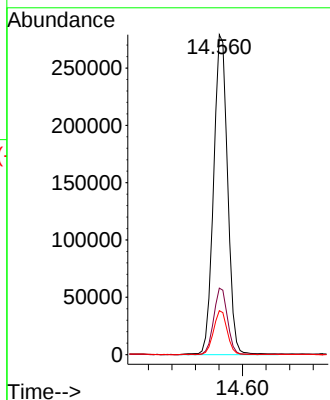
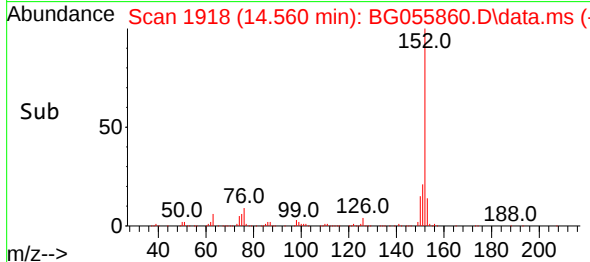
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



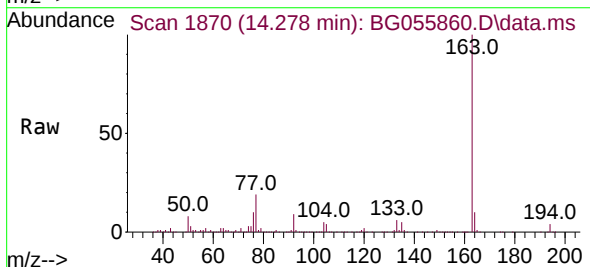
Tgt Ion:152 Resp: 460780
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 11.0 16.4

Manual Integrations
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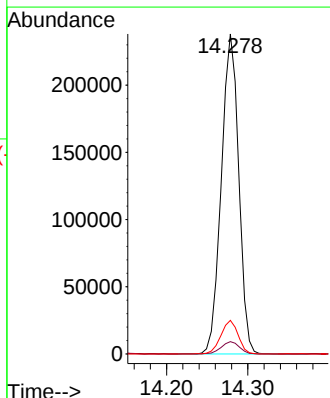
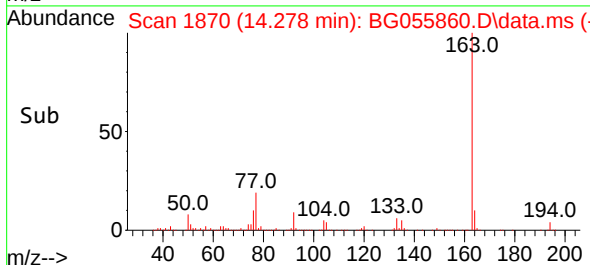
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

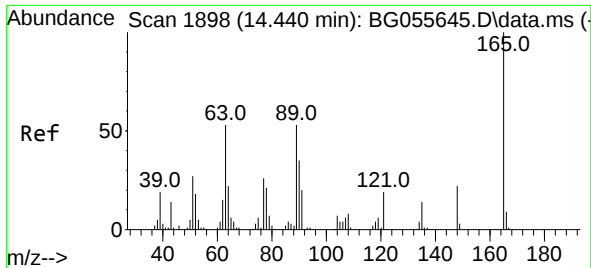


#50
Dimethylphthalate
Concen: 40.327 ng
RT: 14.278 min Scan# 1870
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



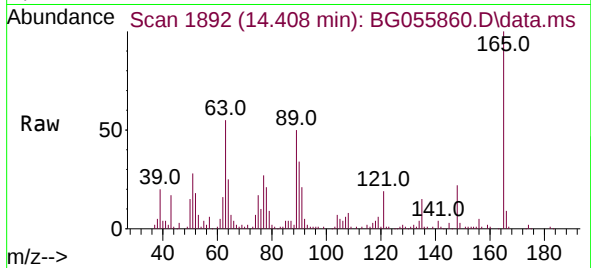
Tgt Ion:163 Resp: 353480
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.993 ng
RT: 14.408 min Scan# 1898
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

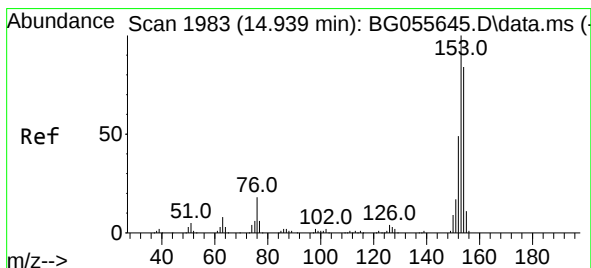
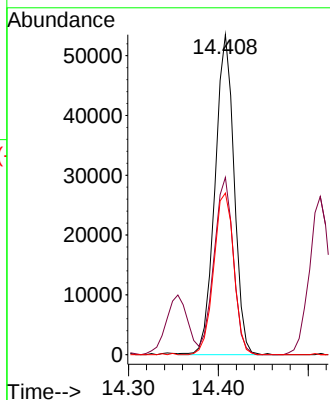
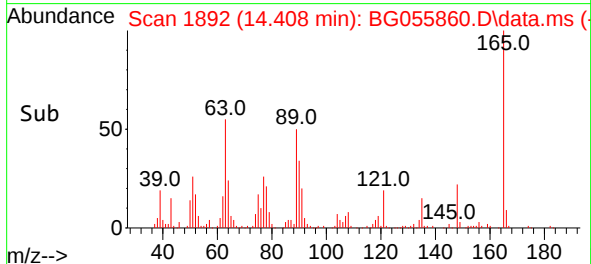
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



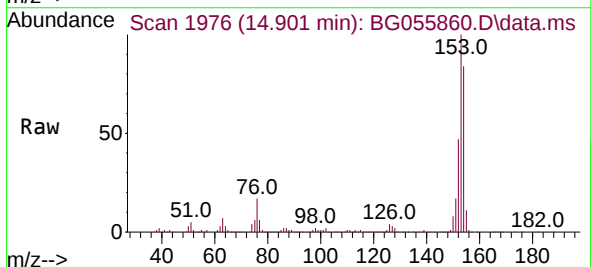
Tgt Ion:165 Resp: 7884
Ion Ratio Lower Upper
165 100
63 55.4 44.6 66.8
89 50.5 42.2 63.4

Manual Integrations
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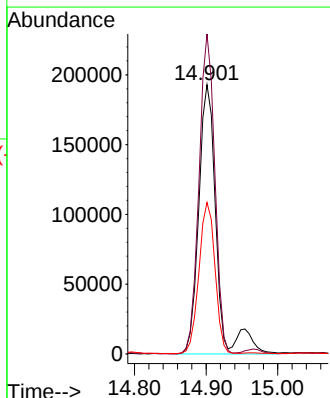
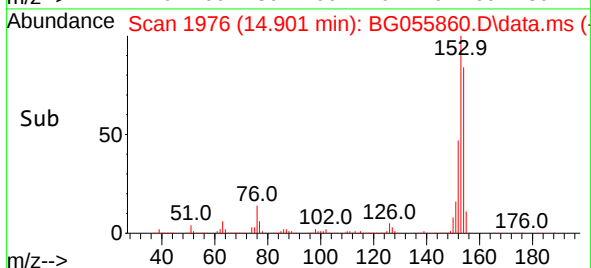
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

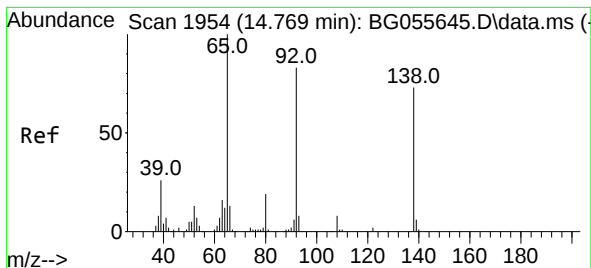


#52
Acenaphthene
Concen: 49.596 ng m
RT: 14.901 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:154 Resp: 332434
Ion Ratio Lower Upper
154 100
153 118.9 95.0 142.4
152 56.3 46.1 69.1





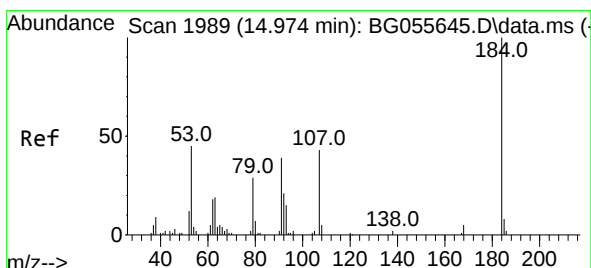
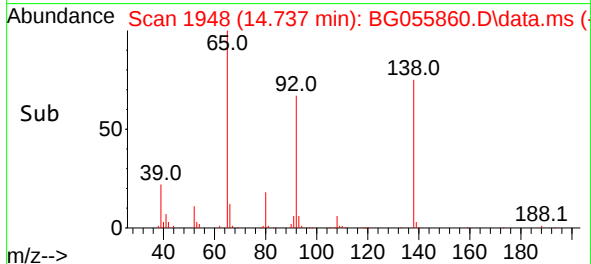
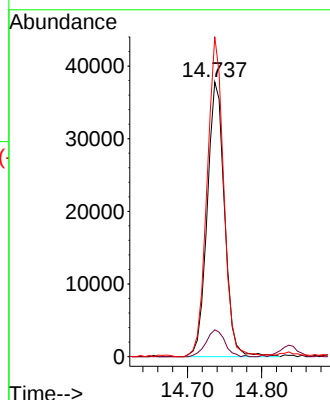
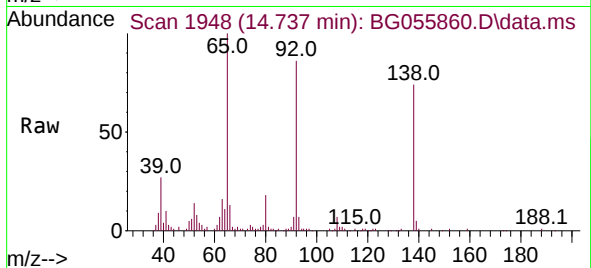
#53
3-Nitroaniline
Concen: 31.187 ng
RT: 14.737 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

Tgt Ion:138 Resp: 61359
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.5 91.0 136.6

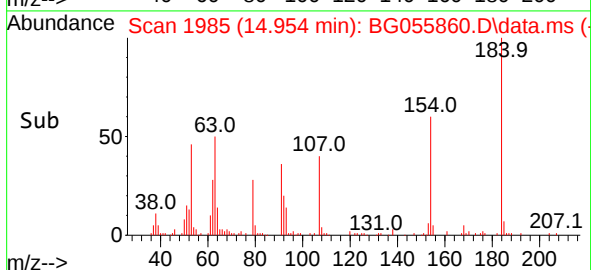
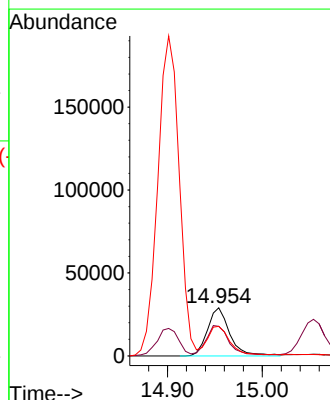
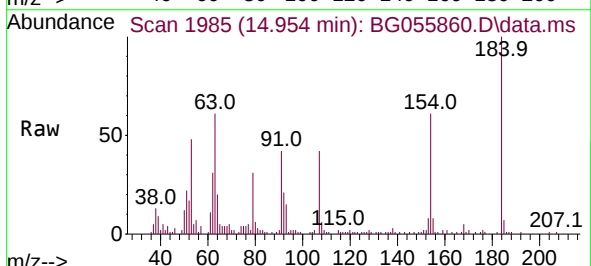
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#54
2,4-Dinitrophenol
Concen: 45.861 ng
RT: 14.954 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

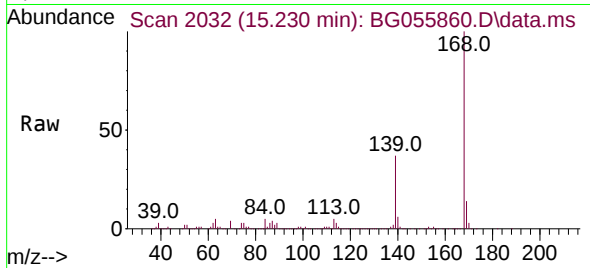
Tgt Ion:184 Resp: 47259
Ion Ratio Lower Upper
184 100
63 61.2 49.5 74.3
154 61.5 52.0 78.0





#55
Dibenzofuran
Concen: 46.242 ng
RT: 15.230 min Scan# 2040
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

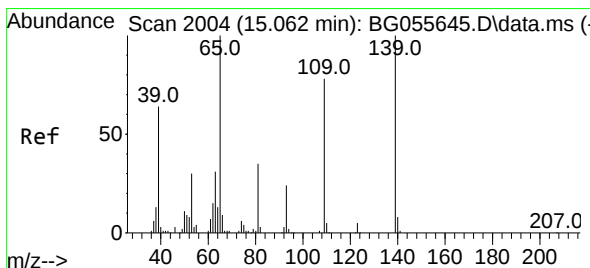
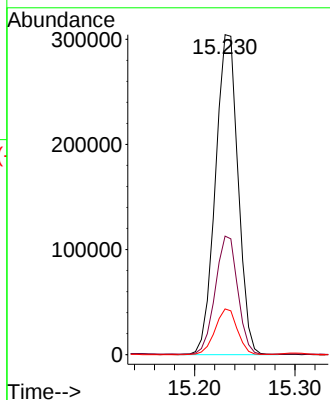
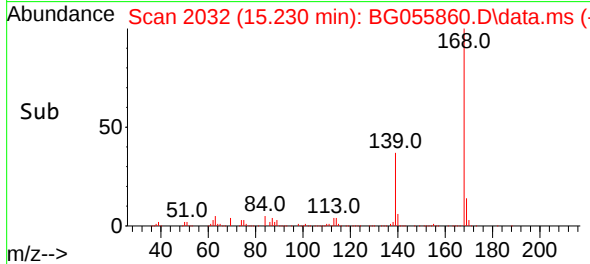
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:168 Resp: 478158
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 14.3 11.0 16.4

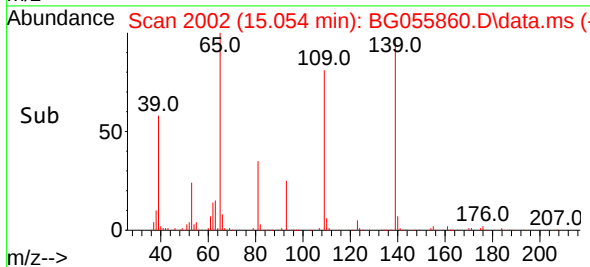
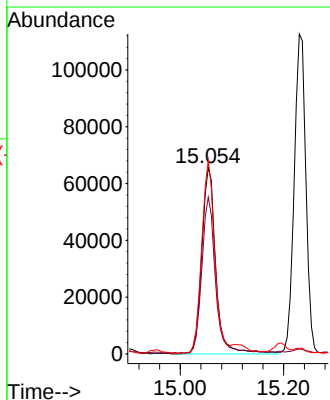
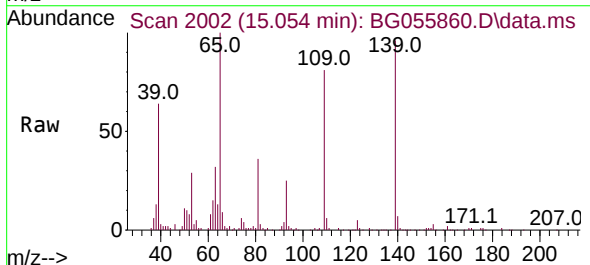
Manual Integrations
APPROVED

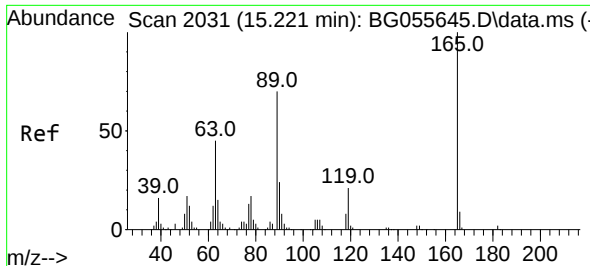
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#56
4-Nitrophenol
Concen: 79.280 ng
RT: 15.054 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

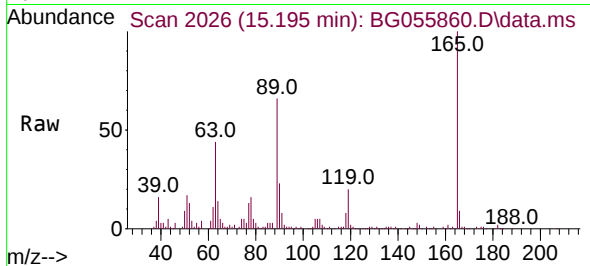
Tgt Ion:139 Resp: 122422
Ion Ratio Lower Upper
139 100
109 84.1 58.6 98.6
65 104.1 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 43.152 ng
RT: 15.195 min Scan# 2031
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

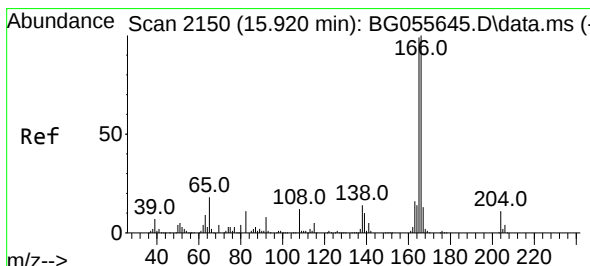
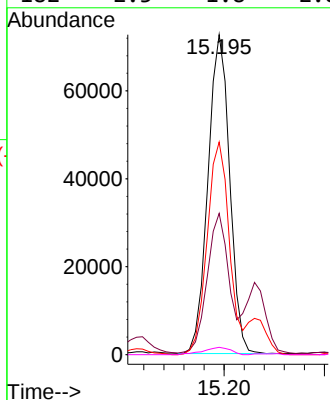
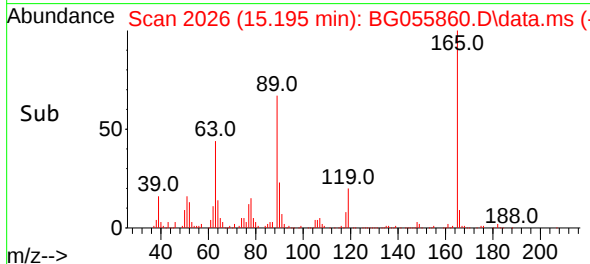
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:165 Resp: 10904
Ion Ratio Lower Upper
165 100
63 44.1 35.8 53.8
89 66.4 56.2 84.4
182 2.3 1.8 2.8

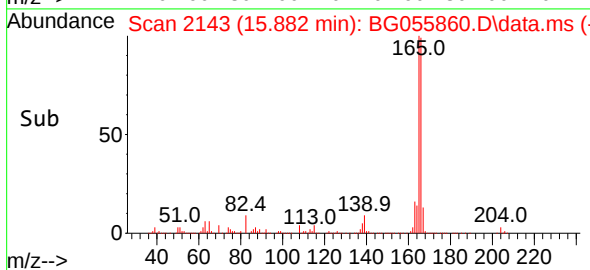
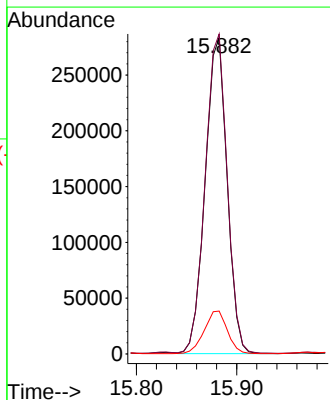
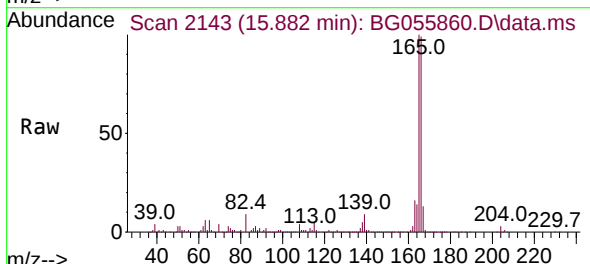
Manual Integrations
APPROVED

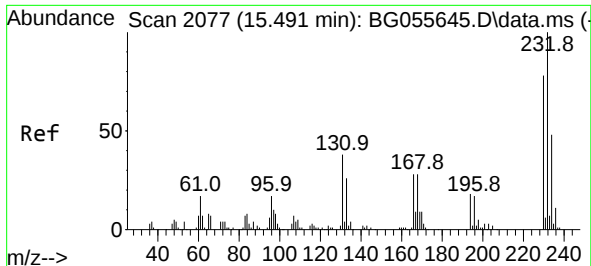
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#58
Fluorene
Concen: 52.005 ng
RT: 15.882 min Scan# 2143
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

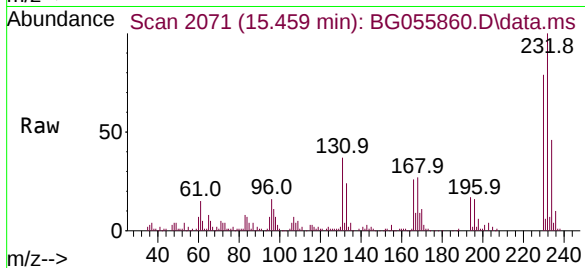
Tgt Ion:166 Resp: 429502
Ion Ratio Lower Upper
166 100
165 101.1 79.3 118.9
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.564 ng m
RT: 15.459 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

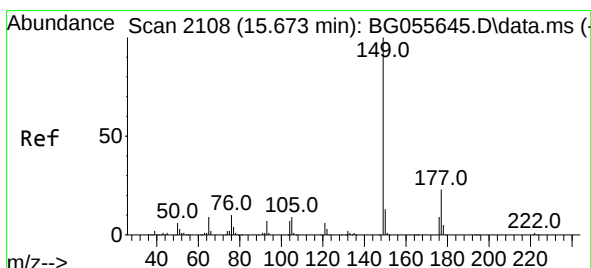
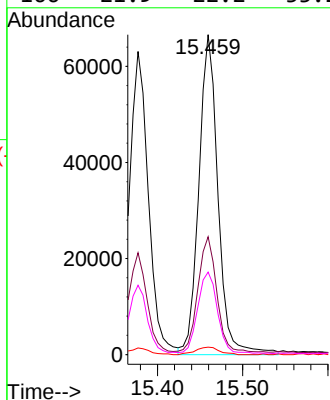
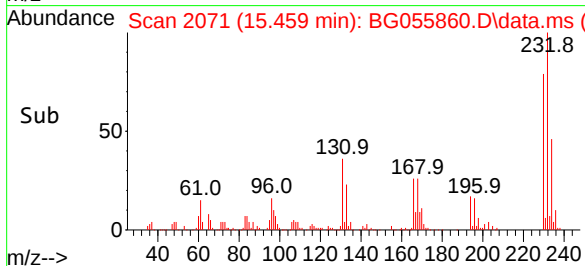
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



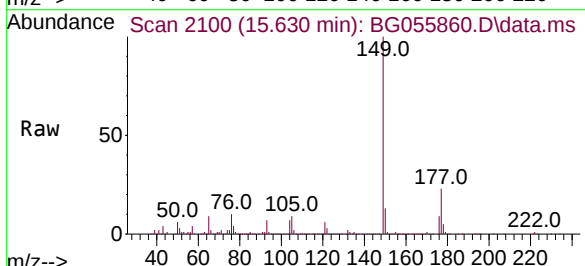
Tgt Ion:232 Resp: 104321
Ion Ratio Lower Upper
232 100
131 30.6 29.8 44.8
130 2.3 1.7 2.5
166 21.9 22.2 33.2#

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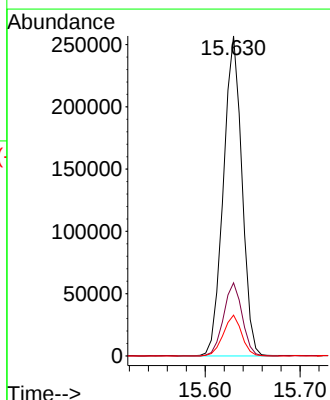
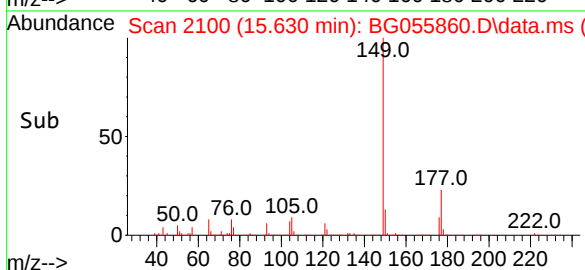
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

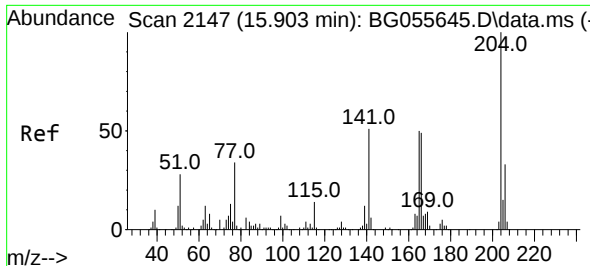


#60
Diethylphthalate
Concen: 39.350 ng
RT: 15.630 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



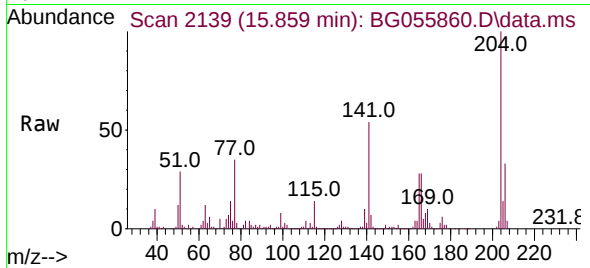
Tgt Ion:149 Resp: 348726
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.271 ng
RT: 15.859 min Scan# 2147
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

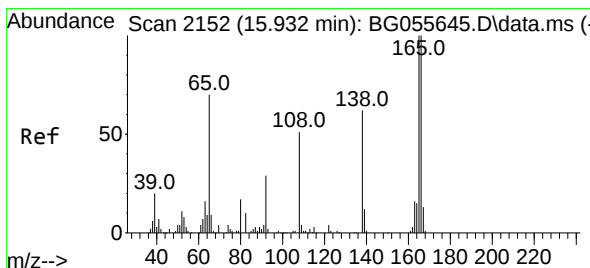
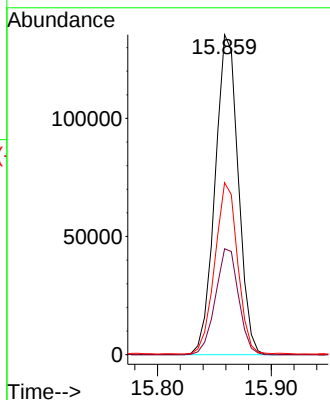
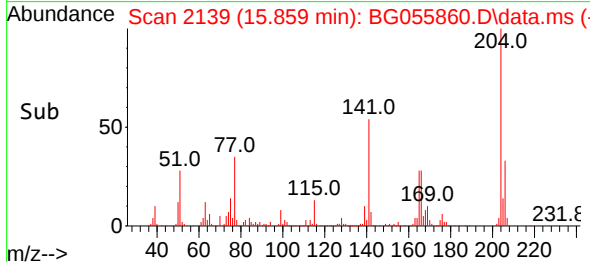
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:204 Resp: 191905
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 53.7 40.6 61.0

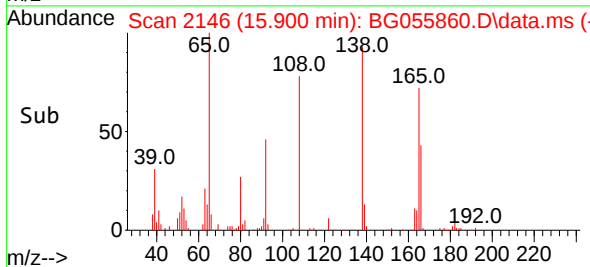
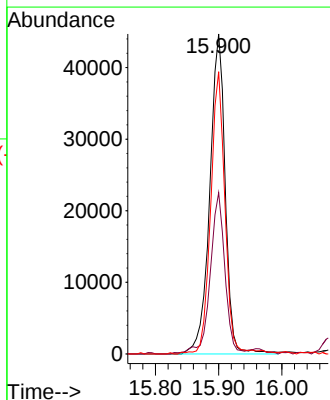
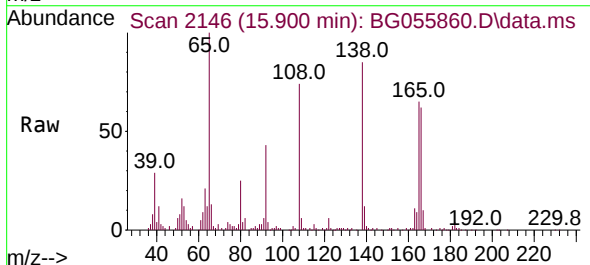
Manual Integrations
APPROVED

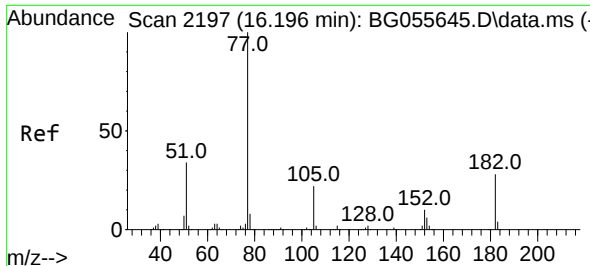
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#62
4-Nitroaniline
Concen: 37.024 ng
RT: 15.900 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

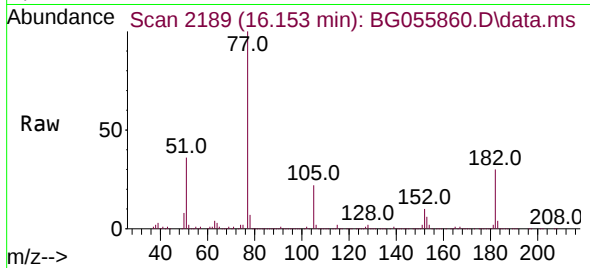
Tgt Ion:138 Resp: 76145
Ion Ratio Lower Upper
138 100
92 50.4 27.3 67.3
108 88.2 62.8 102.8





#63
Azobenzene
Concen: 41.905 ng
RT: 16.153 min Scan# 2197
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

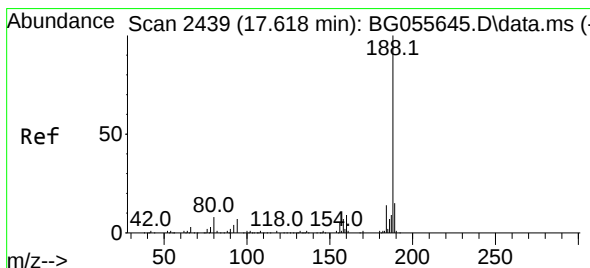
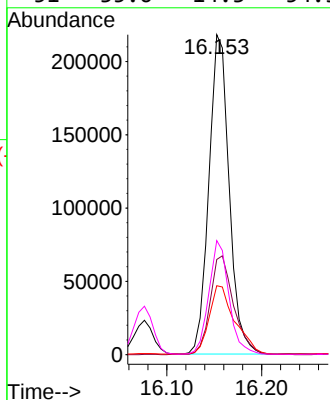
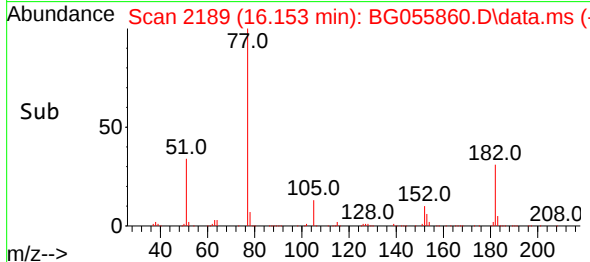
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



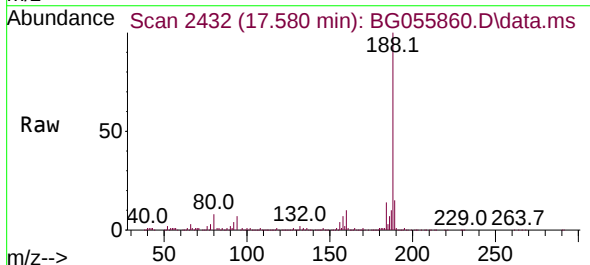
Tgt Ion: 77 Resp: 324213
Ion Ratio Lower Upper
77 100
182 29.7 8.1 48.1
105 21.5 1.8 41.8
51 35.6 14.3 54.3

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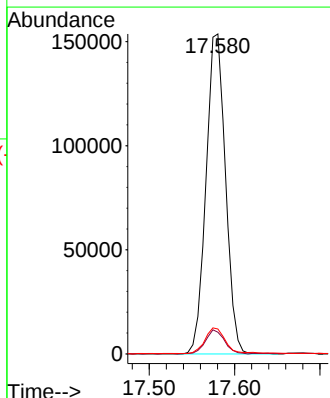
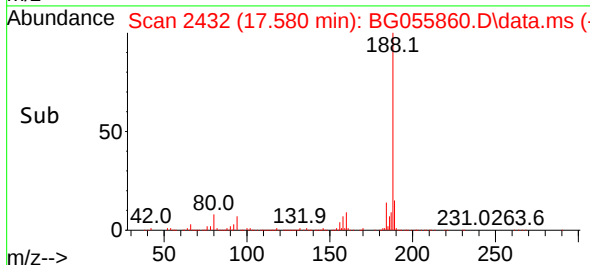
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

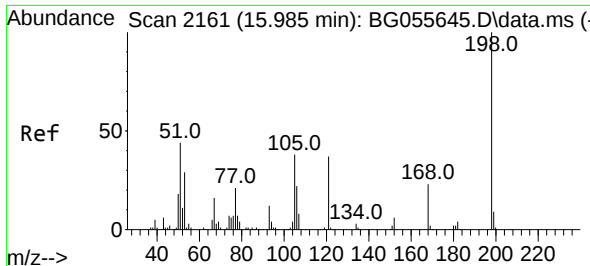


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



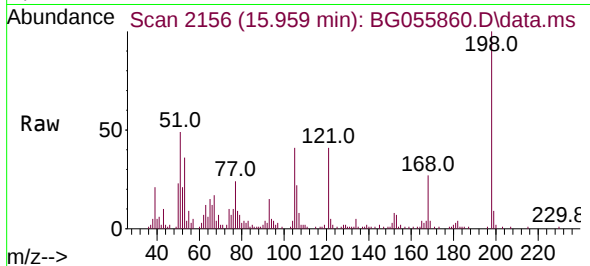
Tgt Ion:188 Resp: 243388
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 28.714 ng
RT: 15.959 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

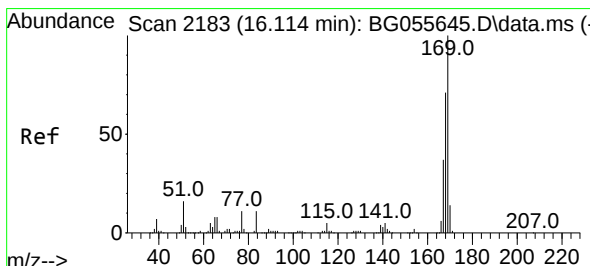
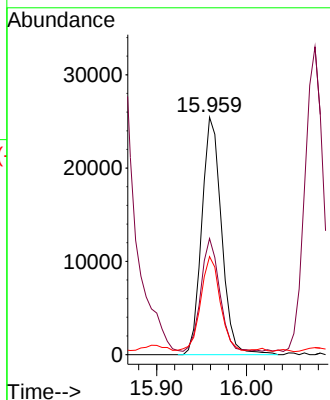
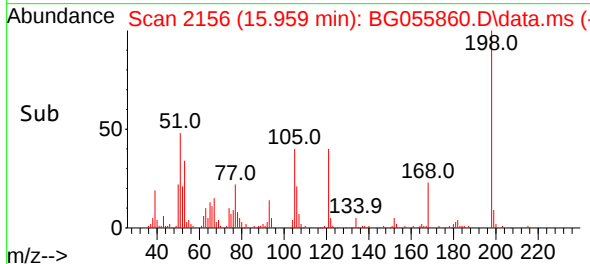
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



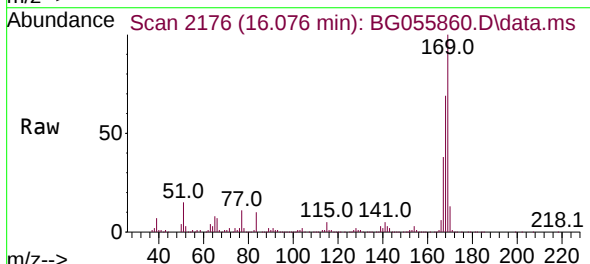
Tgt Ion:198 Resp: 39024
Ion Ratio Lower Upper
198 100
51 48.9 27.7 67.7
105 41.3 19.3 59.3

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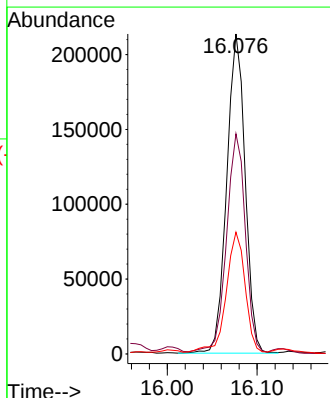
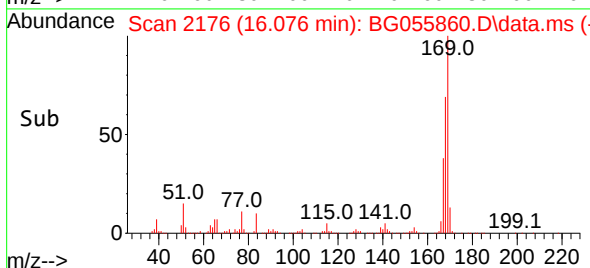
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

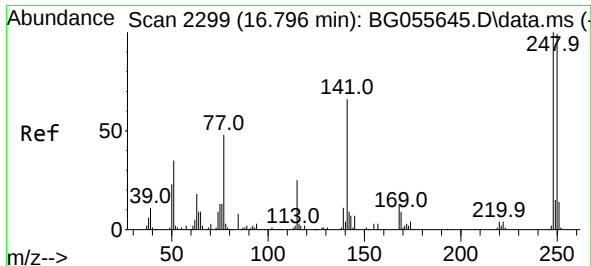


#66
n-Nitrosodiphenylamine
Concen: 45.436 ng
RT: 16.076 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



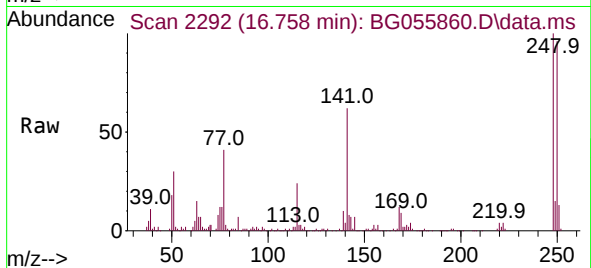
Tgt Ion:169 Resp: 304764
Ion Ratio Lower Upper
169 100
168 68.8 56.6 85.0
167 38.0 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 45.018 ng
RT: 16.758 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

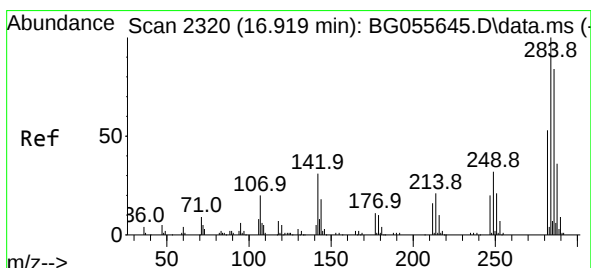
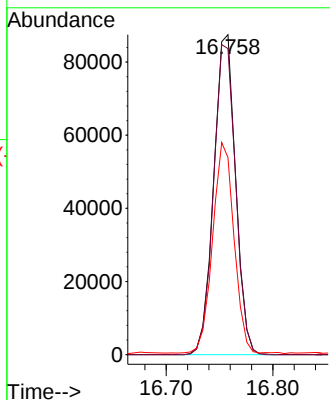
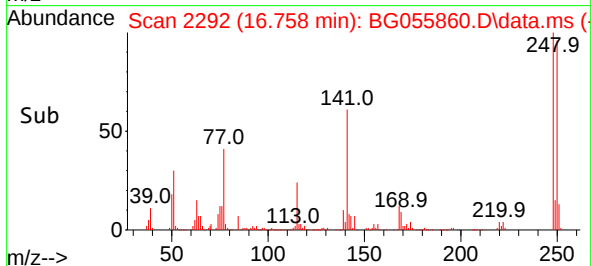
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



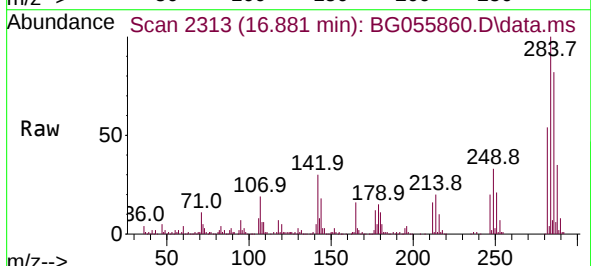
Tgt Ion:248 Resp: 124841
Ion Ratio Lower Upper
248 100
250 95.6 79.0 118.4
141 61.6 52.9 79.3

Manual Integrations
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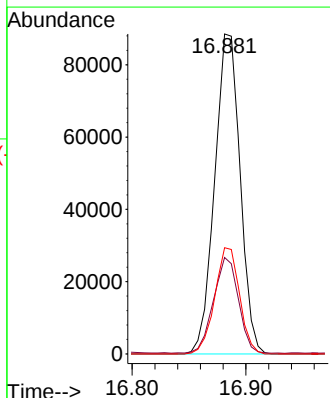
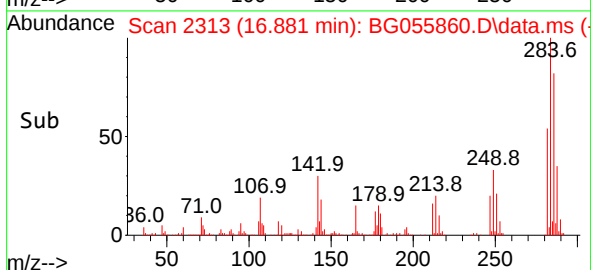
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

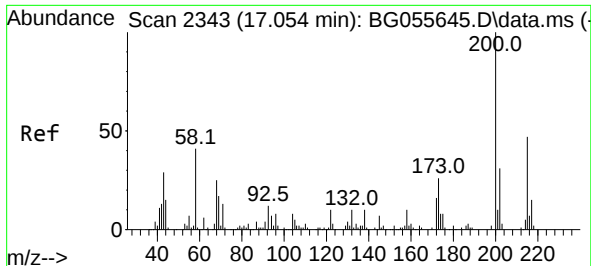


#68
Hexachlorobenzene
Concen: 44.750 ng
RT: 16.881 min Scan# 2313
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



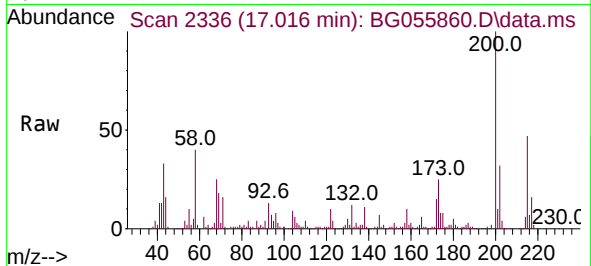
Tgt Ion:284 Resp: 137603
Ion Ratio Lower Upper
284 100
142 30.1 24.8 37.2
249 33.2 25.7 38.5





#69
 Atrazine
 Concen: 47.278 ng
 RT: 17.016 min Scan# 2336
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

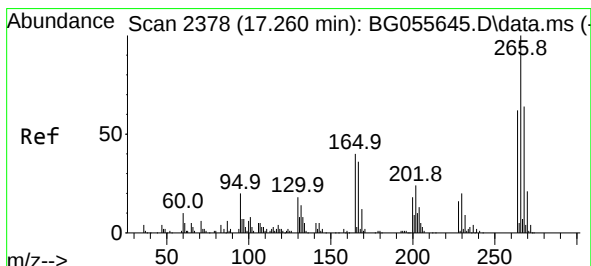
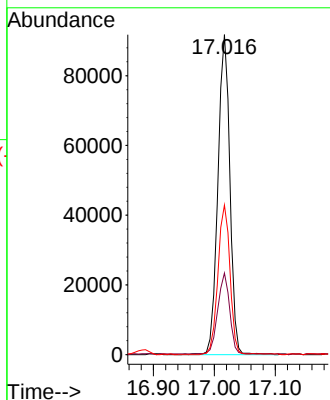
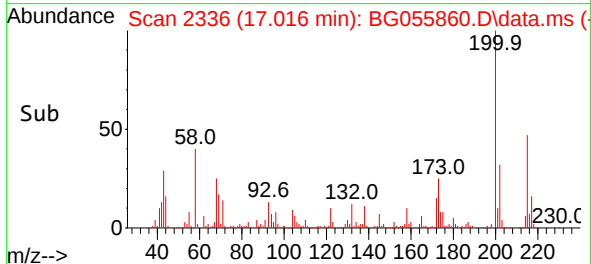
Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD



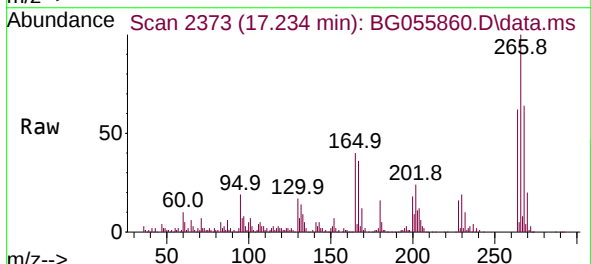
Tgt Ion:200 Resp: 125418
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 46.7 27.2 67.2

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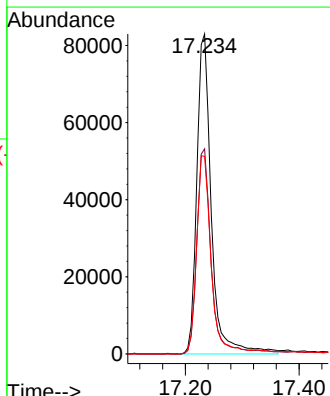
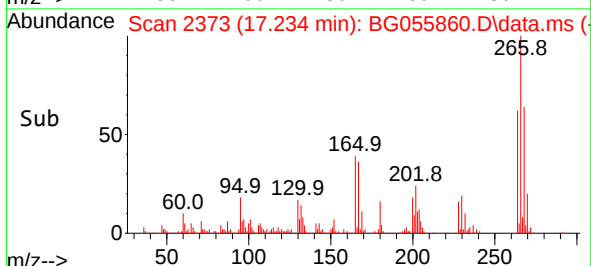
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

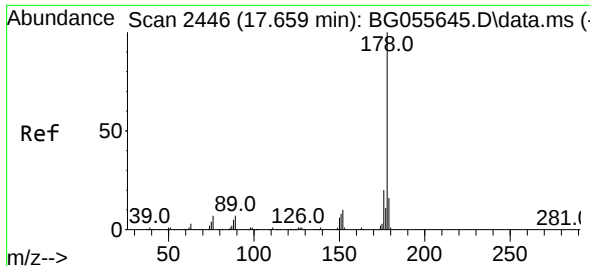


#70
 Pentachlorophenol
 Concen: 77.852 ng
 RT: 17.234 min Scan# 2373
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00



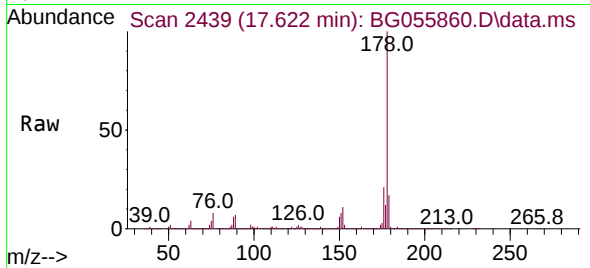
Tgt Ion:266 Resp: 146442
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 61.7 49.5 74.3





#71
Phenanthrene
Concen: 98.201 ng
RT: 17.622 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

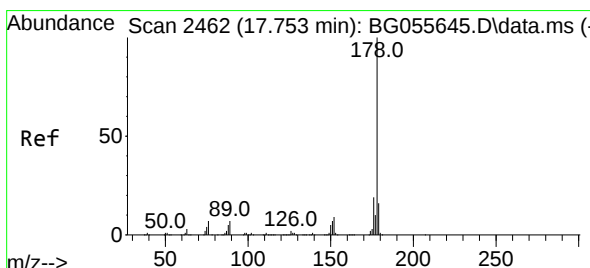
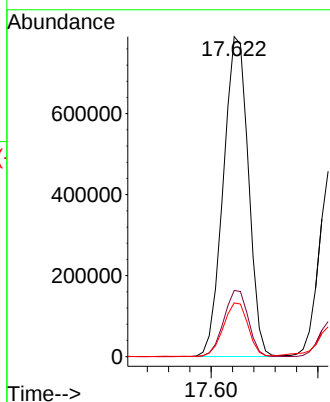
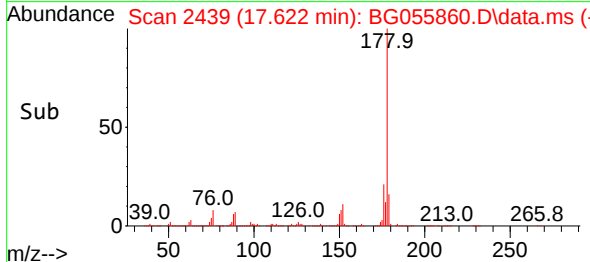
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:178 Resp: 1289794
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 16.8 12.7 19.1

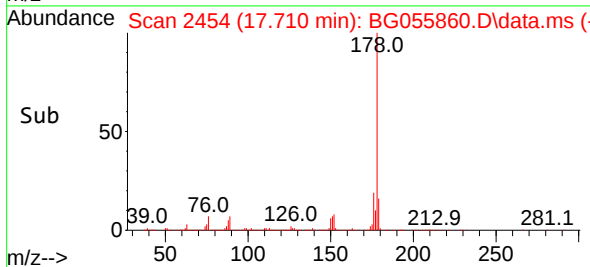
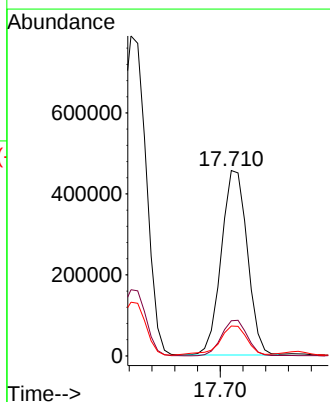
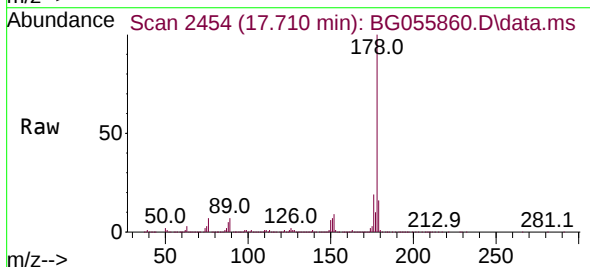
Manual Integrations
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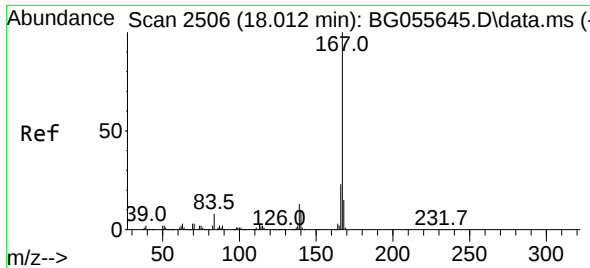
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#72
Anthracene
Concen: 56.737 ng
RT: 17.710 min Scan# 2454
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:178 Resp: 724042
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.1 12.5 18.7





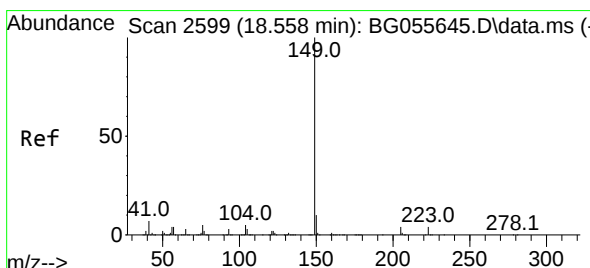
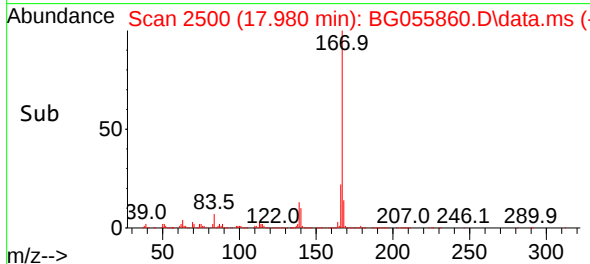
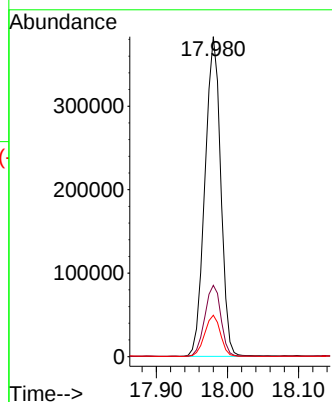
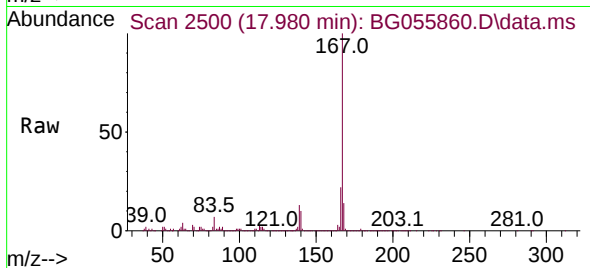
#73
 Carbazole
 Concen: 51.291 ng
 RT: 17.980 min Scan# 2500
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

Tgt Ion:167 Resp: 588437
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.9 10.2 15.4

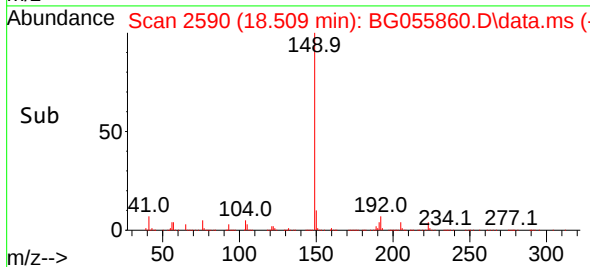
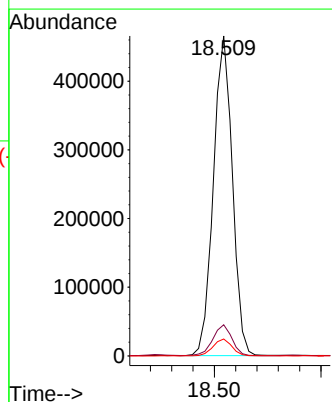
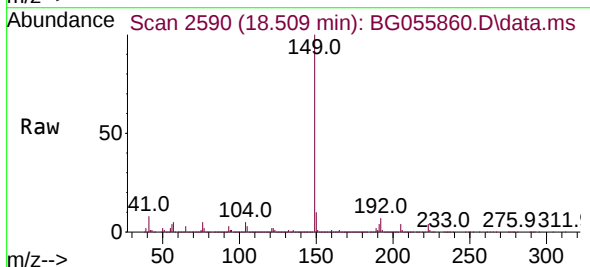
Manual Integrations
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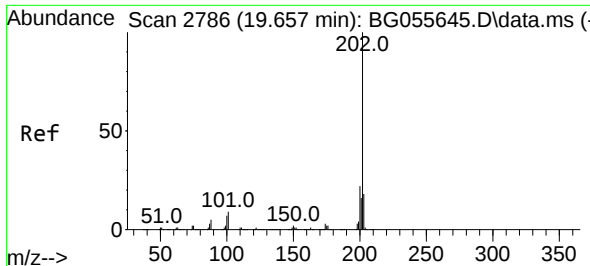
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#74
 Di-n-butylphthalate
 Concen: 40.466 ng
 RT: 18.509 min Scan# 2590
 Delta R.T. -0.002 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

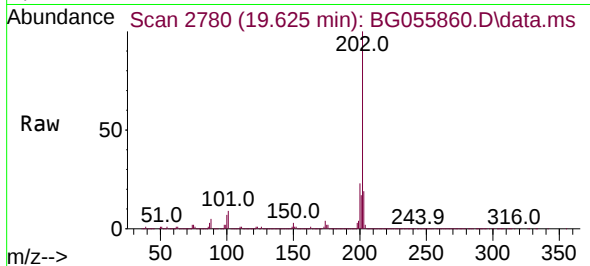
Tgt Ion:149 Resp: 576456
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 94.497 ng
RT: 19.625 min Scan# 21
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

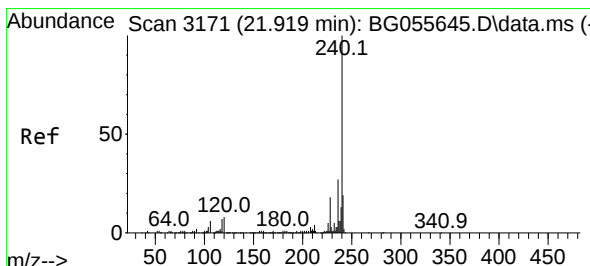
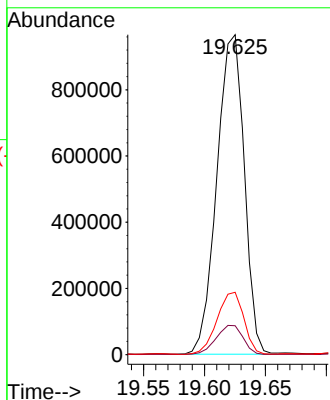
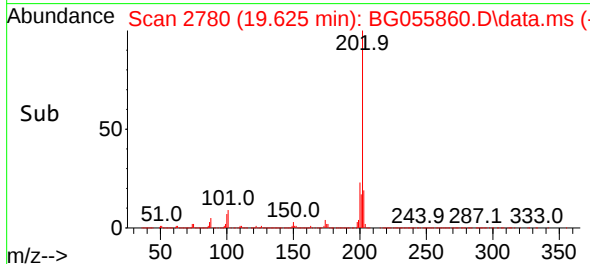
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



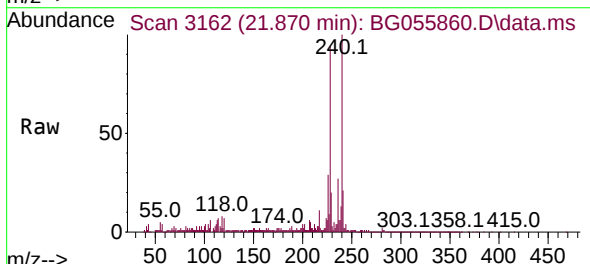
Tgt Ion:202 Resp: 1509945
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 19.5 0.0 38.1

Manual Integrations
APPROVED

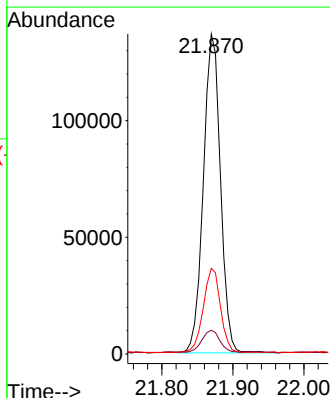
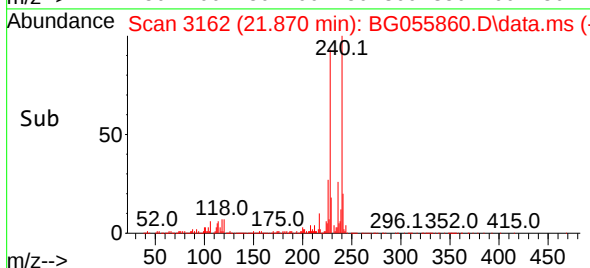
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

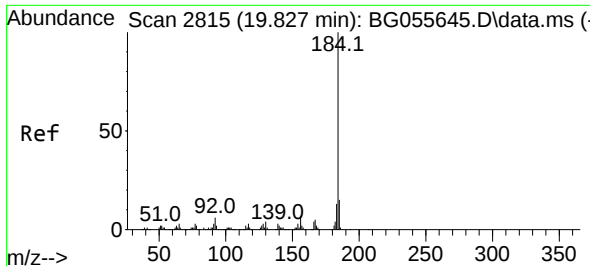


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.870 min Scan# 3162
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



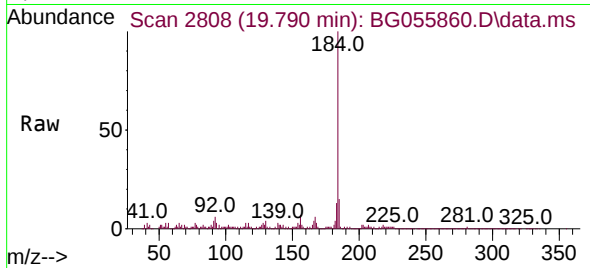
Tgt Ion:240 Resp: 227981
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.7 21.9 32.9





#77
Benzidine
Concen: 45.254 ng
RT: 19.790 min Scan# 2808
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

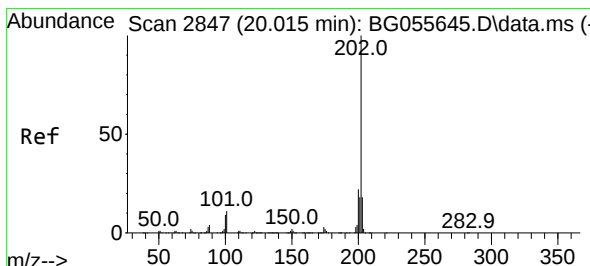
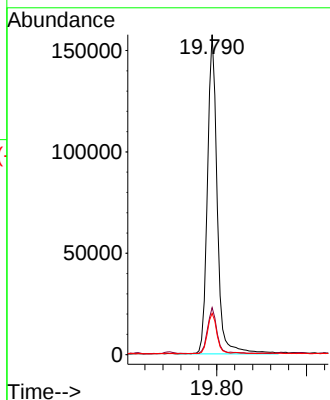
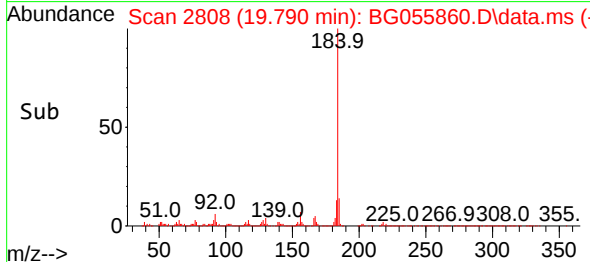
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:184 Resp: 238682
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 12.9 10.6 15.8

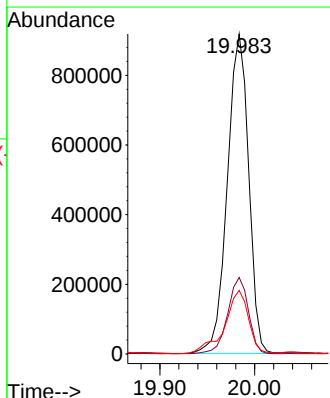
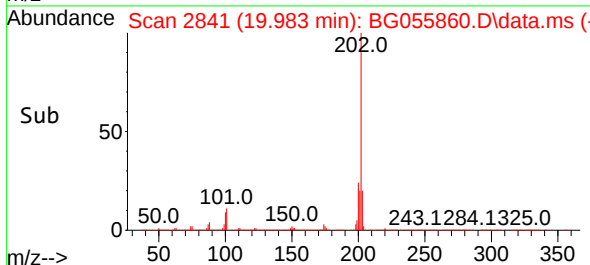
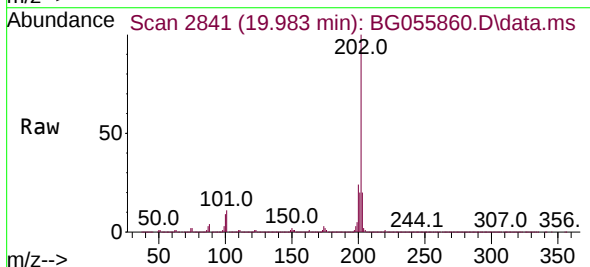
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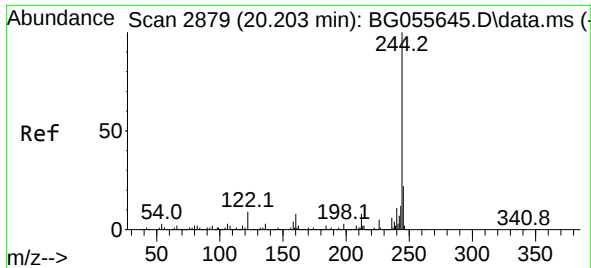
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#78
Pyrene
Concen: 93.144 ng
RT: 19.983 min Scan# 2841
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

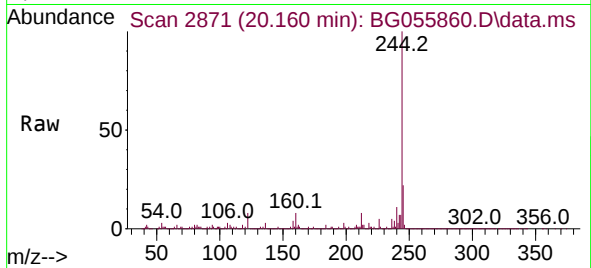
Tgt Ion:202 Resp: 1437355
Ion Ratio Lower Upper
202 100
200 23.9 17.8 26.6
203 19.8 14.4 21.6





#79
Terphenyl-d14
Concen: 76.789 ng
RT: 20.160 min Scan# 2879
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

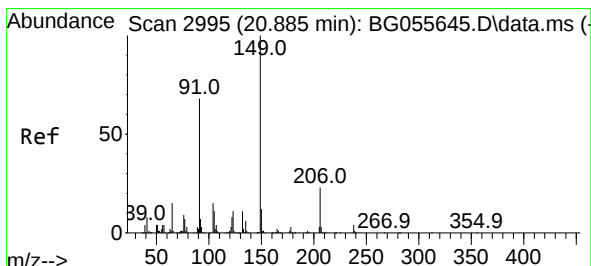
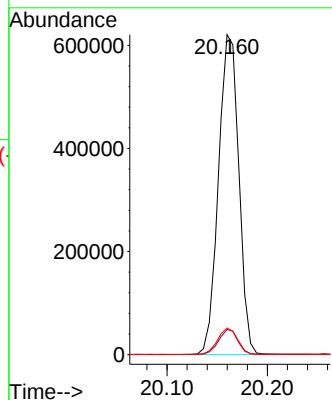
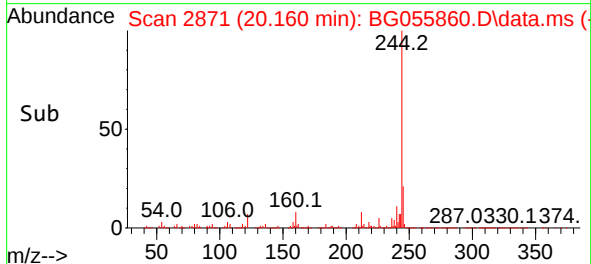
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



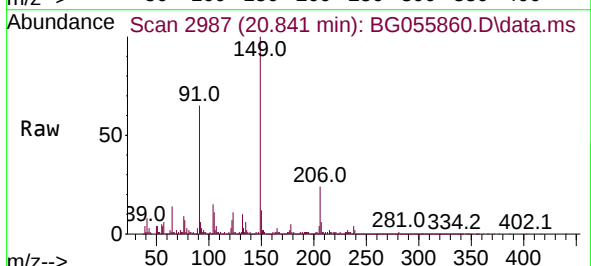
Tgt Ion:244 Resp: 875264
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.3 6.9 10.3

Manual Integrations
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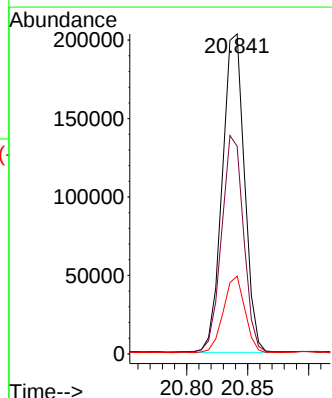
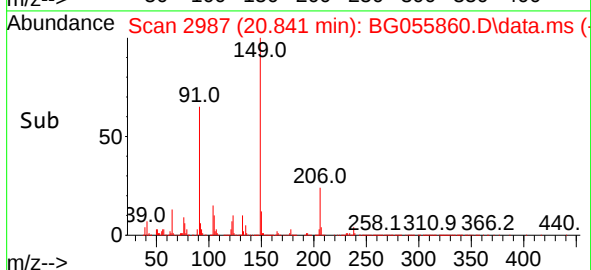
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

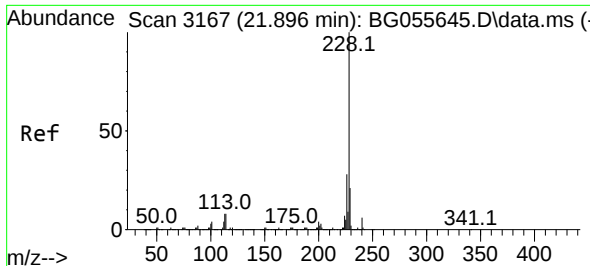


#80
Butylbenzylphthalate
Concen: 42.525 ng
RT: 20.841 min Scan# 2987
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



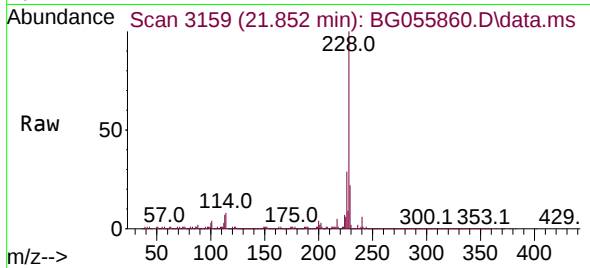
Tgt Ion:149 Resp: 256902
Ion Ratio Lower Upper
149 100
91 64.9 54.6 81.8
206 24.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 66.992 ng
RT: 21.852 min Scan# 311
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

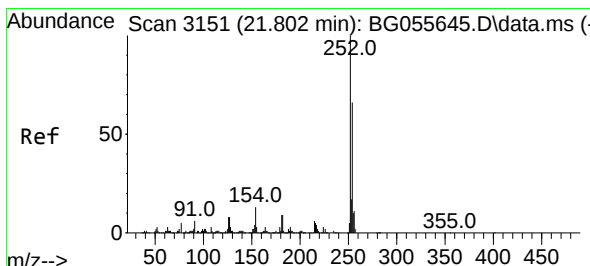
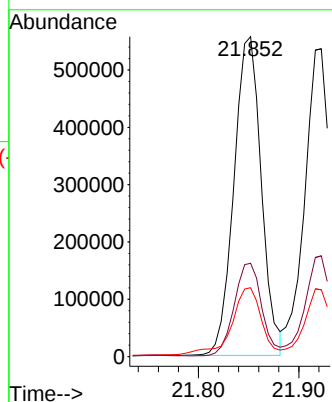
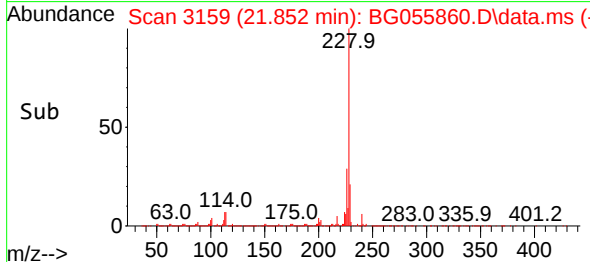
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



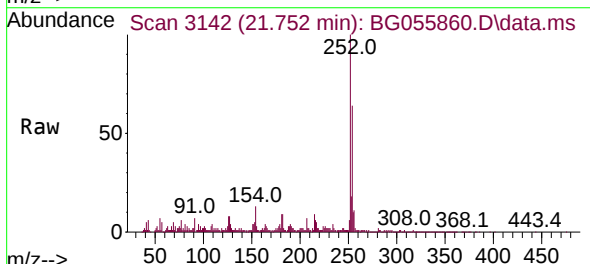
Tgt Ion:228 Resp: 1051935
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.5 16.5 24.7

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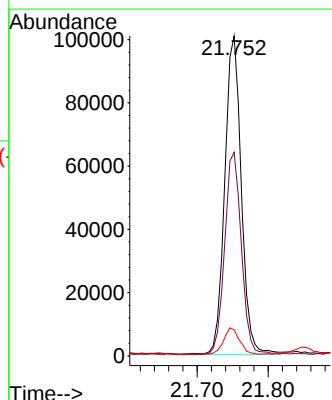
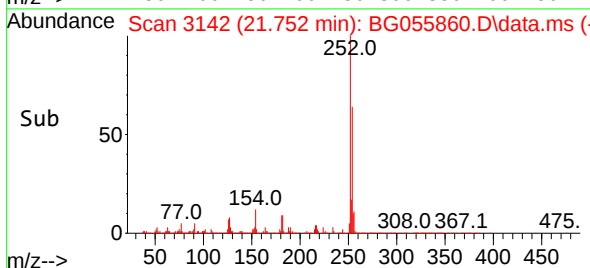
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

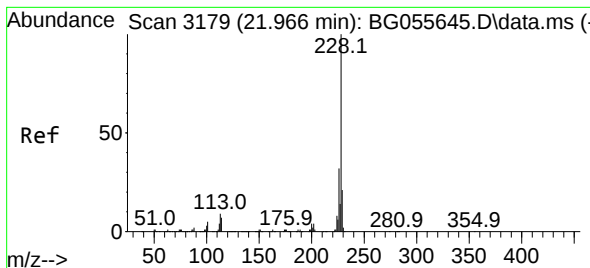


#82
3,3'-Dichlorobenzidine
Concen: 29.551 ng
RT: 21.752 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:252 Resp: 163050
Ion Ratio Lower Upper
252 100
254 63.6 53.0 79.6
126 8.1 6.7 10.1





#83

Chrysene

Concen: 63.844 ng

RT: 21.922 min Scan# 3171

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

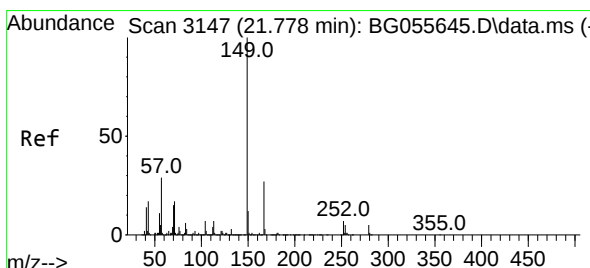
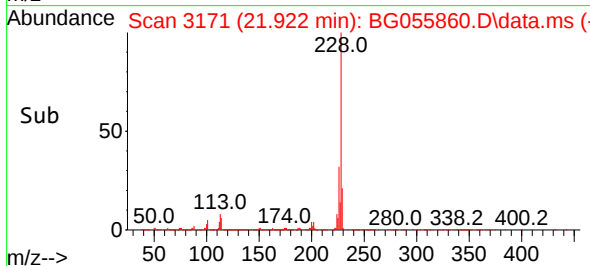
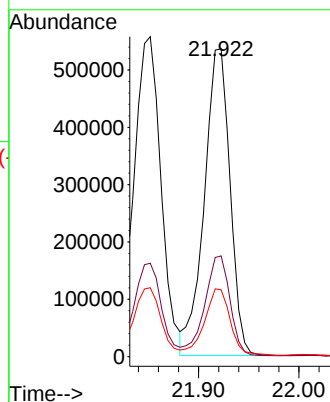
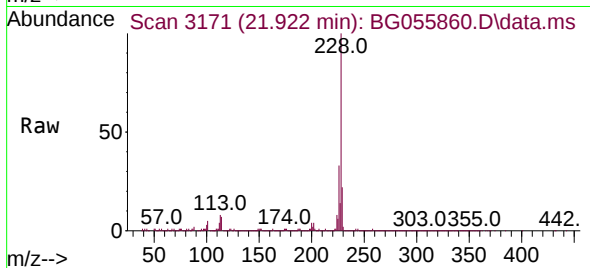
OE-2-113022MSD

Tgt Ion:228 Resp: 954383
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.2
 229 21.7 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.083 ng

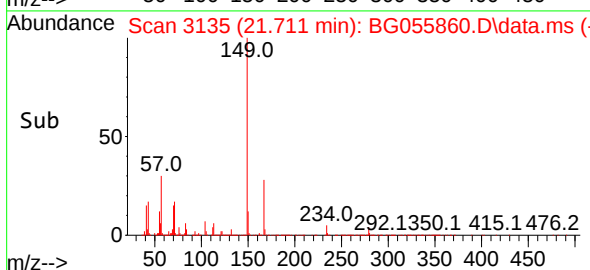
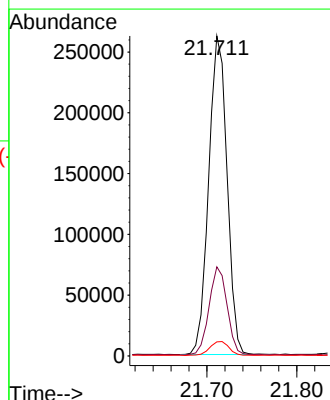
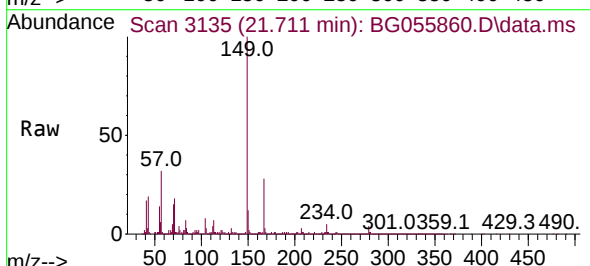
RT: 21.711 min Scan# 3135

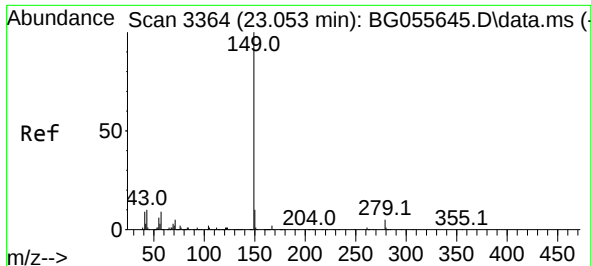
Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

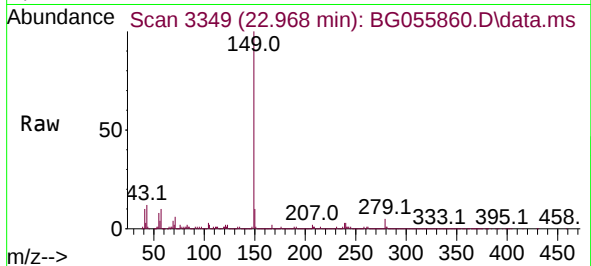
Tgt Ion:149 Resp: 374048
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.0 33.0
 279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 42.830 ng
RT: 22.968 min Scan# 3364
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

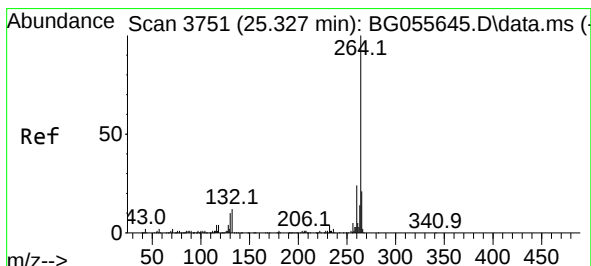
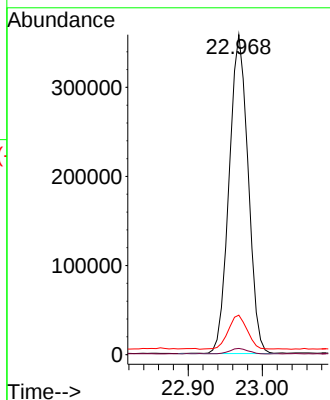
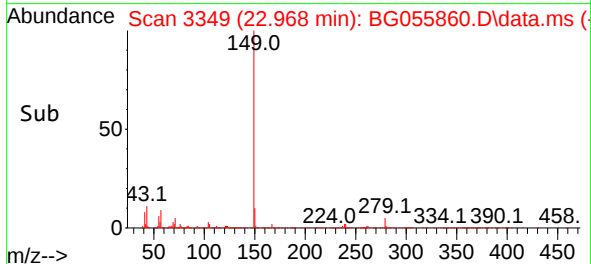
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



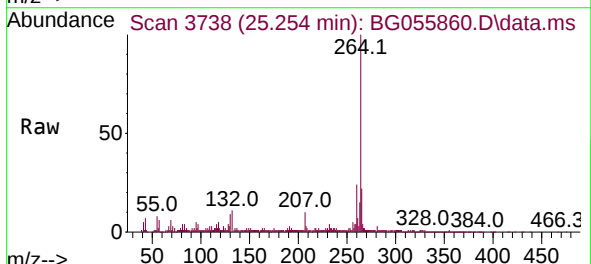
Tgt Ion:149 Resp: 636358
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.4 12.6

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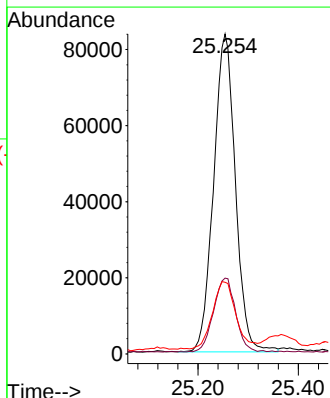
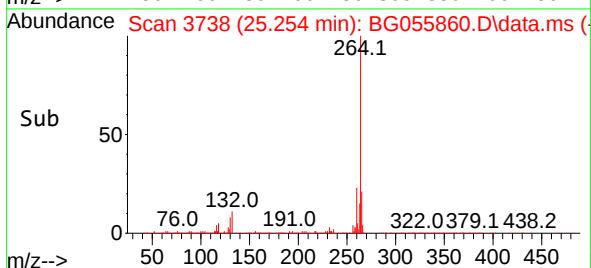
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

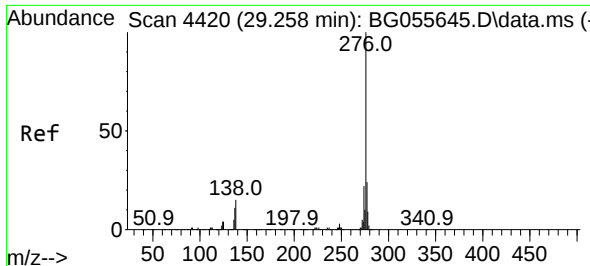


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.254 min Scan# 3738
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



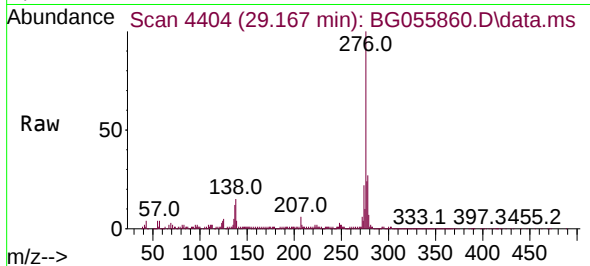
Tgt Ion:264 Resp: 251727
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 22.4 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.764 ng
RT: 29.167 min Scan# 4420
Delta R.T. 0.015 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

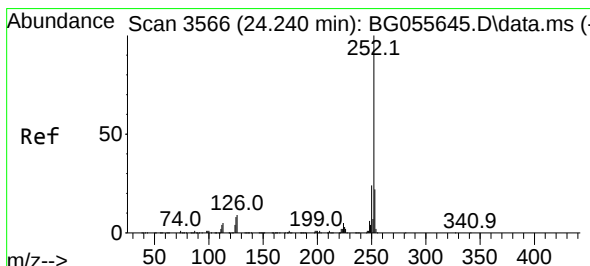
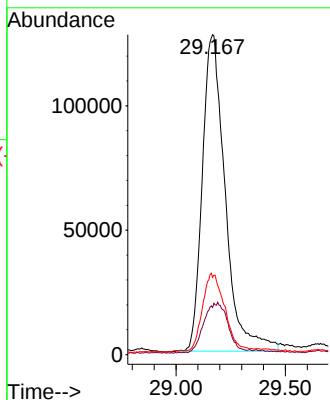
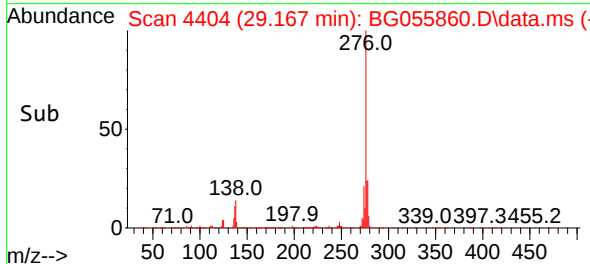
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



Tgt Ion:276 Resp: 923124
Ion Ratio Lower Upper
276 100
138 0.0 10.4 15.6
277 23.5 20.2 30.4

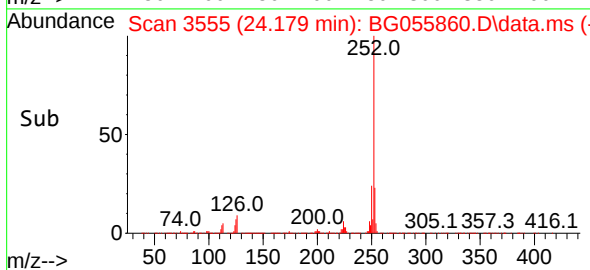
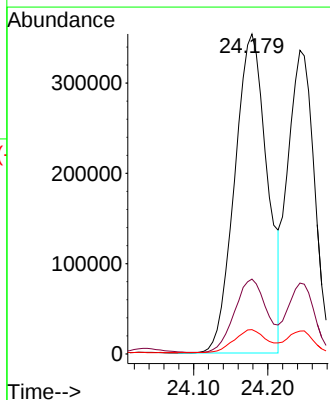
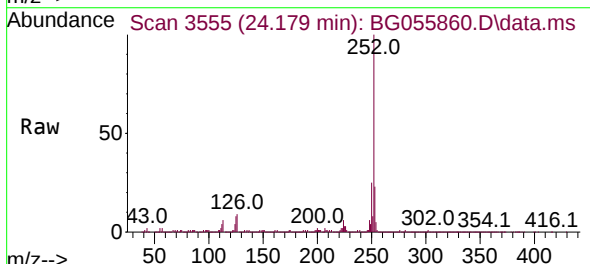
Manual Integrations
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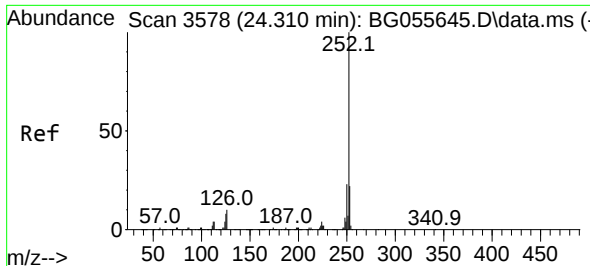
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#88
Benzo(b)fluoranthene
Concen: 65.782 ng
RT: 24.179 min Scan# 3555
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

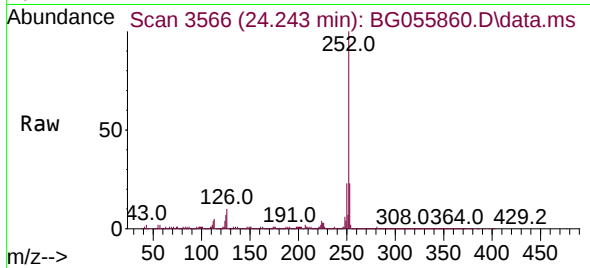
Tgt Ion:252 Resp: 1078411
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 7.6 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 51.067 ng
RT: 24.243 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

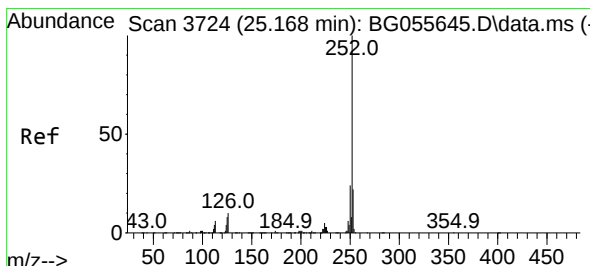
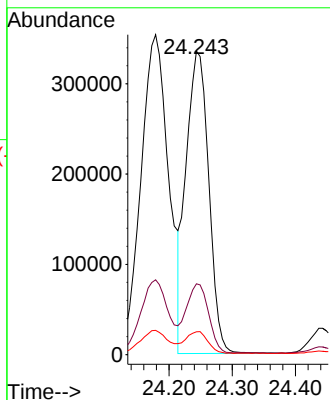
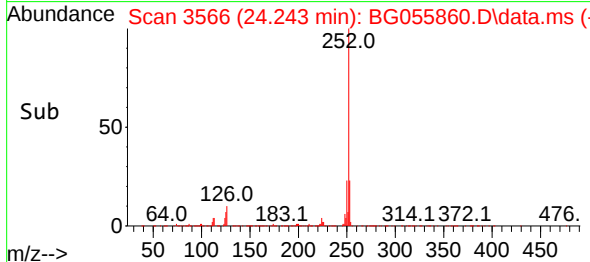
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



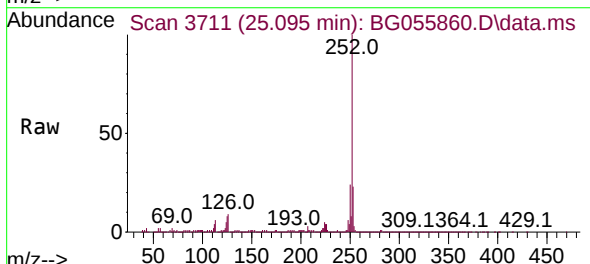
Tgt Ion:252 Resp: 834501
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 7.5 6.1 9.1

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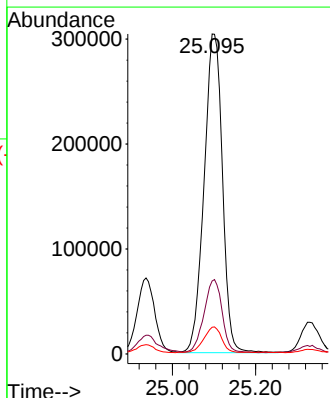
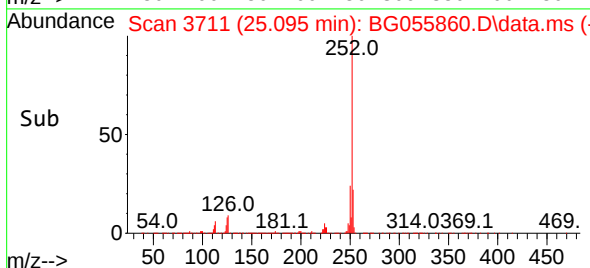
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

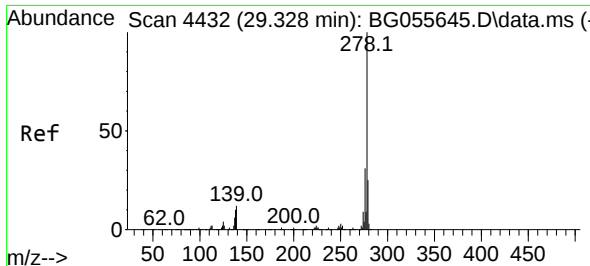


#90
Benzo(a)pyrene
Concen: 66.148 ng
RT: 25.095 min Scan# 3711
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



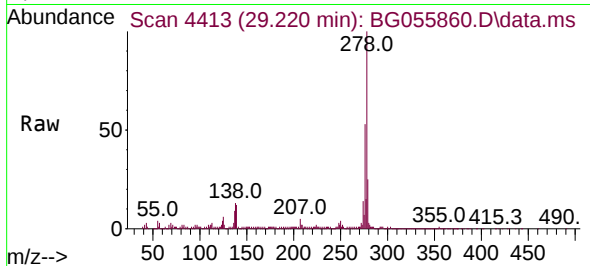
Tgt Ion:252 Resp: 930575
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.3 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 38.697 ng
RT: 29.220 min Scan# 4432
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

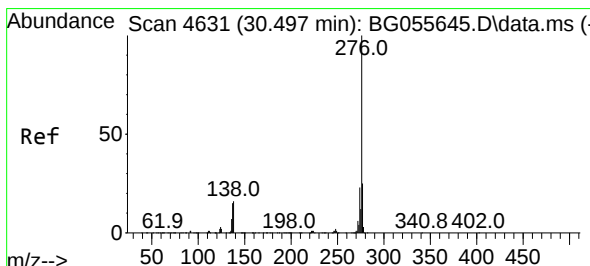
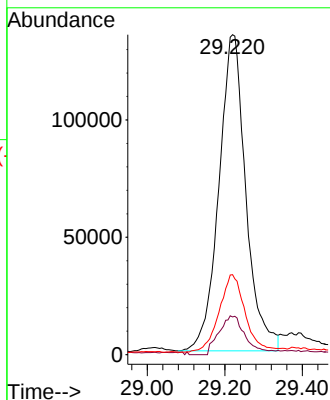
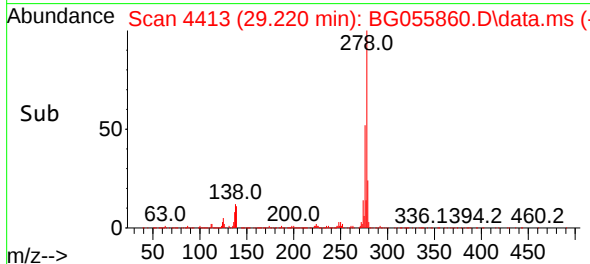
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



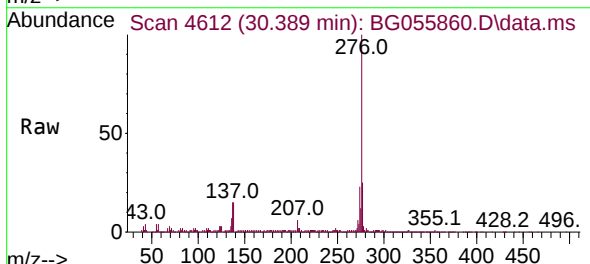
Tgt Ion:278 Resp: 652120
Ion Ratio Lower Upper
278 100
139 11.8 9.8 14.8
279 25.0 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 43.980 ng
RT: 30.389 min Scan# 4612
Delta R.T. 0.015 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:276 Resp: 746987
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.6
138 15.3 13.1 19.7

