

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055337.D
 Acq On : 28 Oct 2022 11:44
 Operator : CG/JU
 Sample : PB148486BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148486BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 04:28:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	27215	20.000	ng	-0.01
21) Naphthalene-d8	11.096	136	119386	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	82449	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	196456	20.000	ng	0.00
76) Chrysene-d12	21.889	240	194811	20.000	ng	-0.01
86) Perylene-d12	25.285	264	208891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	240838	154.952	ng	0.00
7) Phenol-d6	7.412	99	318899	141.620	ng	0.00
23) Nitrobenzene-d5	9.439	82	194193	83.059	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	150047	167.409	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	460694	91.456	ng	-0.01
79) Terphenyl-d14	20.185	244	895838	95.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	25836	34.426	ng	97
3) Pyridine	4.016	79	72632	32.138	ng	93
4) n-Nitrosodimethylamine	3.922	42	37789	37.636	ng	95
6) Aniline	7.576	93	119620	40.579	ng	100
8) 2-Chlorophenol	7.829	128	88776	49.129	ng	96
9) Benzaldehyde	7.394	77	43175	28.082	ng	98
10) Phenol	7.441	94	117394	46.543	ng	100
11) bis(2-Chloroethyl)ether	7.670	93	81825	42.976	ng	97
12) 1,3-Dichlorobenzene	8.152	146	92643	46.989	ng	98
13) 1,4-Dichlorobenzene	8.299	146	94306	46.830	ng	98
14) 1,2-Dichlorobenzene	8.622	146	92691	47.806	ng	95
15) Benzyl Alcohol	8.499	79	82080m	43.558	ng	
16) 2,2'-oxybis(1-Chloropr...	8.787	45	122228	39.227	ng	96
17) 2-Methylphenol	8.704	107	82361	46.172	ng	98
18) Hexachloroethane	9.363	117	32702	45.604	ng	88
19) n-Nitroso-di-n-propyla...	9.069	70	73189	39.140	ng	96
20) 3+4-Methylphenols	9.033	107	112782	44.144	ng	98
22) Acetophenone	9.092	105	137193	44.949	ng	97
24) Nitrobenzene	9.486	77	101903	41.859	ng	96
25) Isophorone	10.003	82	200793	42.519	ng	97
26) 2-Nitrophenol	10.203	139	51967	48.746	ng	94
27) 2,4-Dimethylphenol	10.250	122	90014m	54.085	ng	
28) bis(2-Chloroethoxy)met...	10.479	93	116931	49.041	ng	97
29) 2,4-Dichlorophenol	10.743	162	91134	51.043	ng	98
30) 1,2,4-Trichlorobenzene	10.955	180	89051	48.869	ng	99
31) Naphthalene	11.149	128	277957	43.643	ng	100
32) Benzoic acid	10.402	122	43907	36.050	ng	95
33) 4-Chloroaniline	11.249	127	96883	35.582	ng	99
34) Hexachlorobutadiene	11.419	225	54279	52.133	ng	97
35) Caprolactam	12.018	113	35286m	42.583	ng	
36) 4-Chloro-3-methylphenol	12.353	107	103515	46.076	ng	98
37) 2-Methylnaphthalene	12.729	142	200401	43.643	ng	99
38) 1-Methylnaphthalene	12.947	142	192724	42.543	ng	98
40) 1,2,4,5-Tetrachloroben...	13.093	216	101662	51.123	ng	99
41) Hexachlorocyclopentadiene	13.064	237	114425	118.748	ng	95
43) 2,4,6-Trichlorophenol	13.328	196	72533	49.385	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	79837	49.145	ng	96
46) 1,1'-Biphenyl	13.722	154	271907	48.083	ng	98
47) 2-Chloronaphthalene	13.769	162	209758	47.039	ng	98
48) 2-Nitroaniline	13.963	65	72713	41.696	ng	97
49) Acenaphthylene	14.609	152	344723	44.782	ng	99
50) Dimethylphthalate	14.321	163	291792	45.075	ng	100
51) 2,6-Dinitrotoluene	14.451	165	62738	47.628	ng	89
52) Acenaphthene	14.944	154	242050m	49.330	ng	
53) 3-Nitroaniline	14.780	138	60461	36.519	ng	100
54) 2,4-Dinitrophenol	14.991	184	74264	95.450	ng	92
55) Dibenzofuran	15.273	168	333271	45.273	ng	98
56) 4-Nitrophenol	15.085	139	116099	98.043	ng	96
57) 2,4-Dinitrotoluene	15.232	165	93060	48.683	ng	93
58) Fluorene	15.920	166	270374	44.142	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.496	232	69853	48.232	ng	95
60) Diethylphthalate	15.667	149	313951	45.592	ng	98
61) 4-Chlorophenyl-phenyle...	15.902	204	137031	48.684	ng	97
62) 4-Nitroaniline	15.937	138	78472	45.103	ng	99
63) Azobenzene	16.196	77	277355	41.344	ng	97
65) 4,6-Dinitro-2-methylph...	15.996	198	54020	50.019	ng	91
66) n-Nitrosodiphenylamine	16.113	169	251359	45.968	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	93288	48.876	ng	96
68) Hexachlorobenzene	16.924	284	106800	49.489	ng	94
69) Atrazine	17.048	200	111555	59.996	ng	99
70) Pentachlorophenol	17.265	266	109380	89.408	ng	100
71) Phenanthrene	17.659	178	473883	45.230	ng	100
72) Anthracene	17.747	178	483393	47.195	ng	100
73) Carbazole	18.011	167	478723	48.594	ng	99
74) Di-n-butylphthalate	18.540	149	614739	49.919	ng	100
75) Fluoranthene	19.645	202	588540	48.208	ng	98
77) Benzidine	19.815	184	354078	75.065	ng	99
78) Pyrene	20.003	202	599056	44.863	ng	99
80) Butylbenzylphthalate	20.861	149	267552	42.402	ng	91
81) Benzo(a)anthracene	21.871	228	572120	43.734	ng	99
82) 3,3'-Dichlorobenzidine	21.771	252	171744	40.310	ng	99
83) Chrysene	21.942	228	537116	43.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.730	149	385715	42.791	ng	99
85) Di-n-octyl phthalate	22.994	149	652711	43.465	ng	96
87) Indeno(1,2,3-cd)pyrene	29.204	276	719219	46.617	ng	# 84
88) Benzo(b)fluoranthene	24.204	252	601865m	47.899	ng	
89) Benzo(k)fluoranthene	24.269	252	599982	47.288	ng	98
90) Benzo(a)pyrene	25.126	252	538760	50.000	ng	98
91) Dibenzo(a,h)anthracene	29.257	278	627793	49.584	ng	97
92) Benzo(g,h,i)perylene	30.438	276	617051	49.135	ng	97

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

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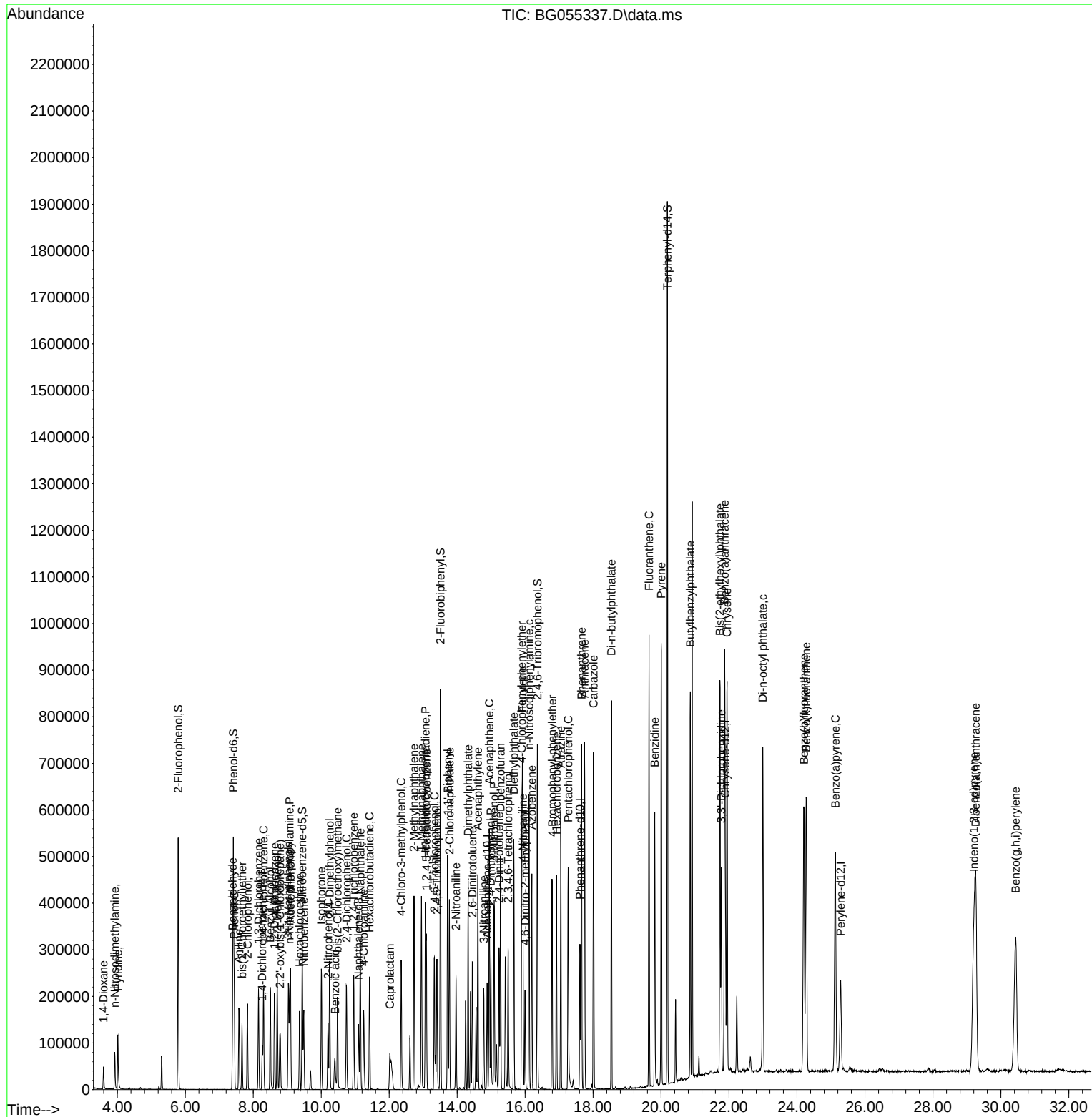
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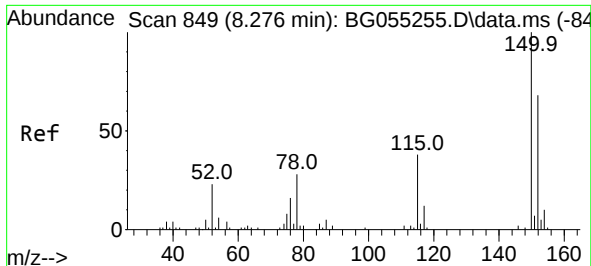
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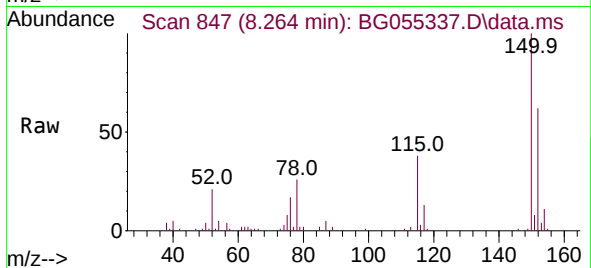
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

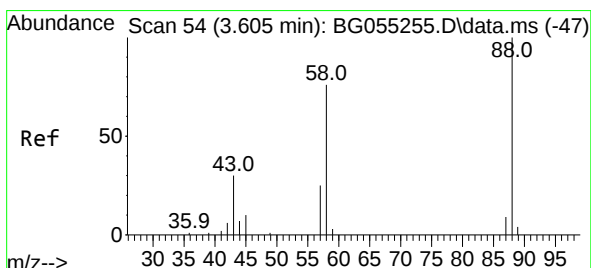
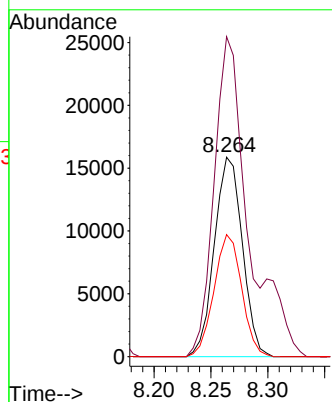
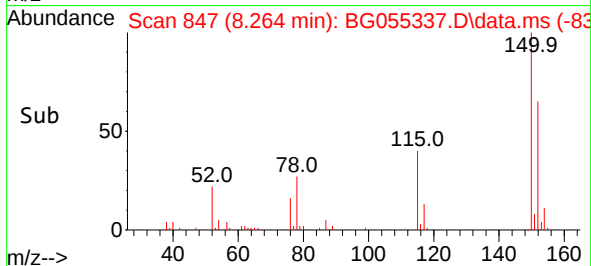
Instrument :
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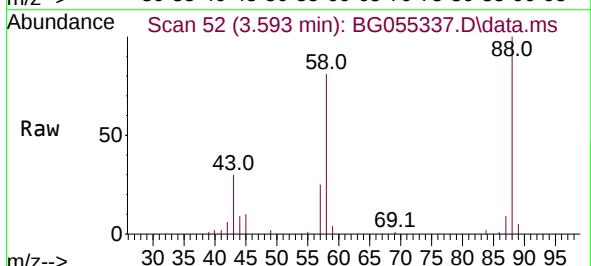
Tgt Ion:152 Resp: 27215
Ion Ratio Lower Upper
152 100
150 160.4 118.2 177.4
115 61.2 44.5 66.7

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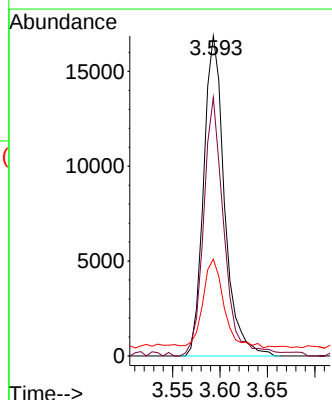
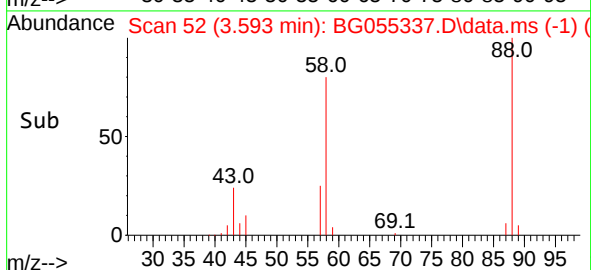
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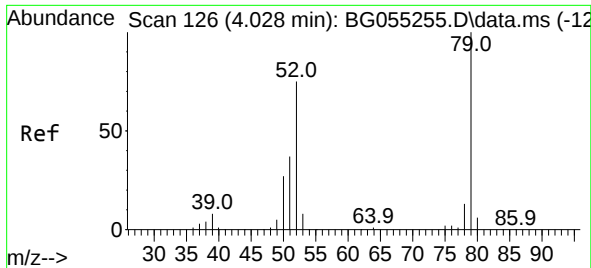


#2
1,4-Dioxane
Concen: 34.426 ng
RT: 3.593 min Scan# 52
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion: 88 Resp: 25836
Ion Ratio Lower Upper
88 100
58 79.5 61.0 91.6
43 26.7 21.5 32.3





#3
Pyridine
Concen: 32.138 ng
RT: 4.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

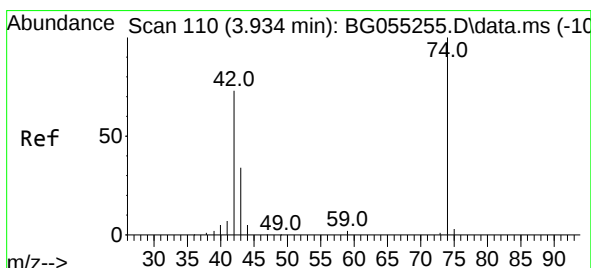
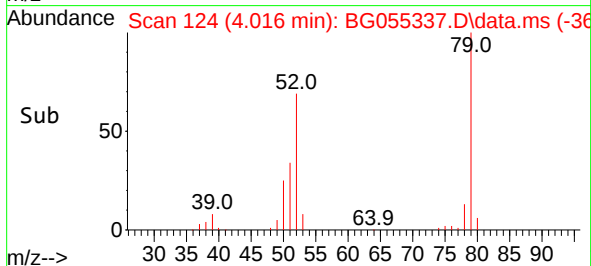
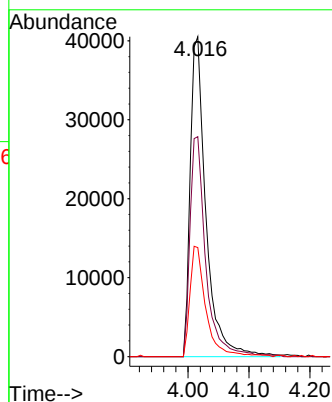
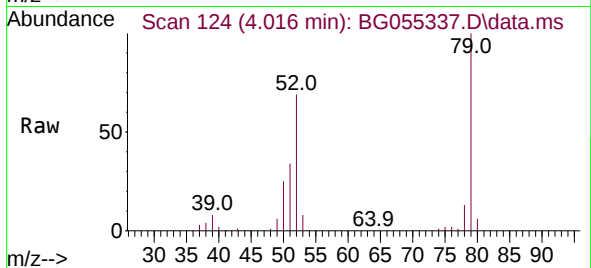
ClientSampleId :

PB148486BS

Tgt Ion: 79 Resp: 72632
Ion Ratio Lower Upper
79 100
52 68.7 59.9 89.9
51 34.1 30.3 45.5

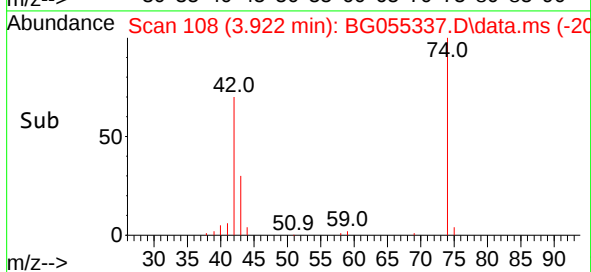
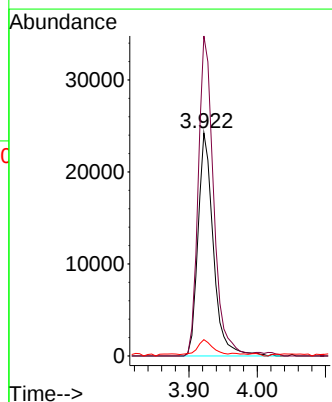
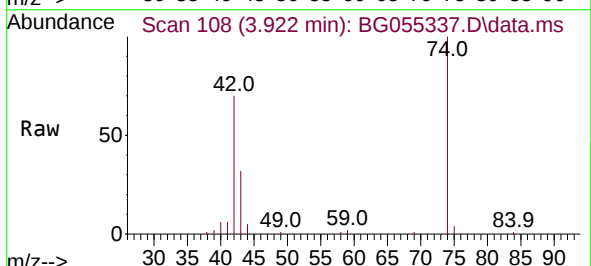
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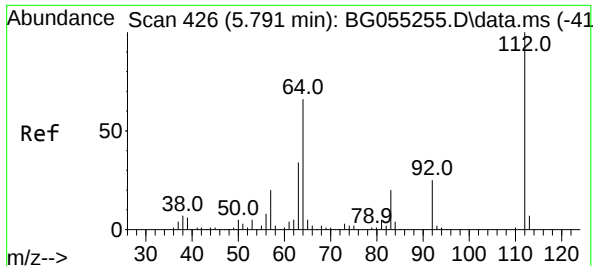
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#4
n-Nitrosodimethylamine
Concen: 37.636 ng
RT: 3.922 min Scan# 108
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

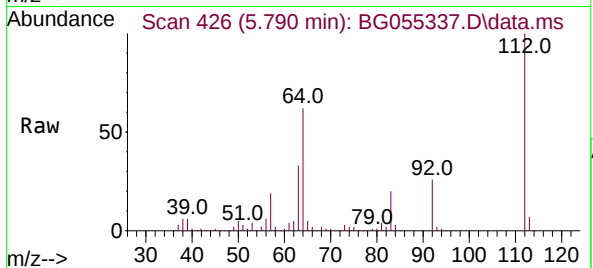
Tgt Ion: 42 Resp: 37789
Ion Ratio Lower Upper
42 100
74 143.5 109.8 164.6
44 7.3 6.5 9.7





#5
2-Fluorophenol
Concen: 154.952 ng
RT: 5.790 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

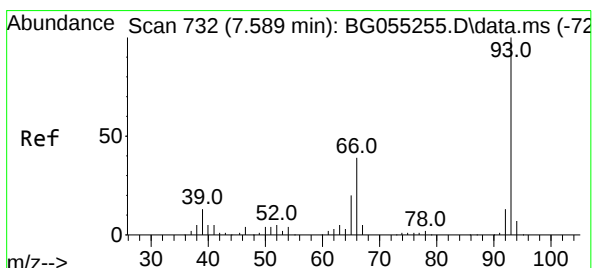
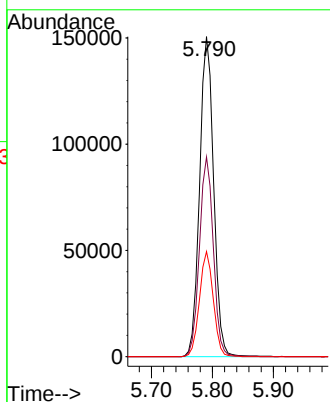
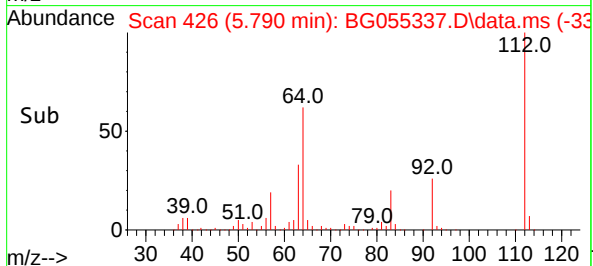
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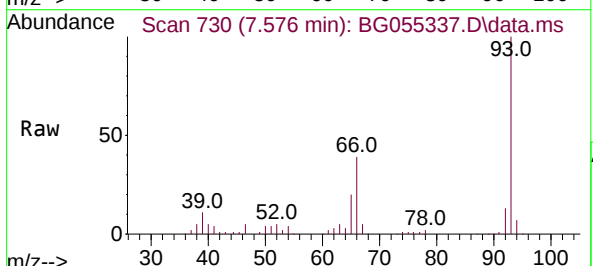
Tgt Ion:112 Resp: 240838
Ion Ratio Lower Upper
112 100
64 62.4 52.6 78.8
63 32.8 27.1 40.7

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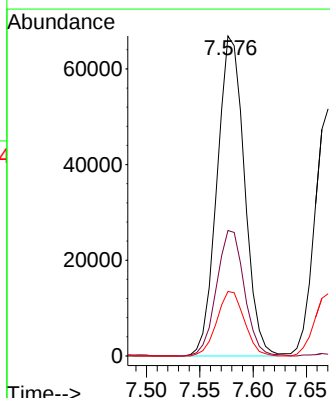
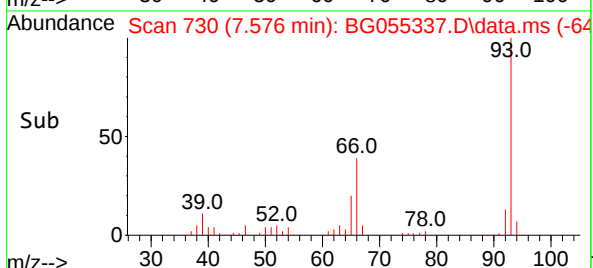
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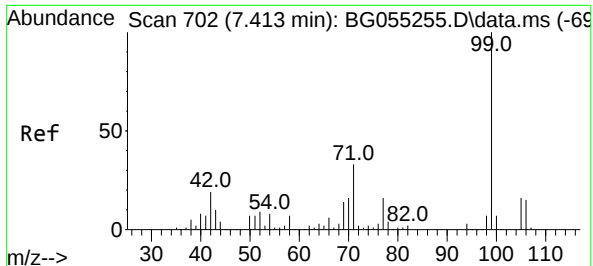


#6
Aniline
Concen: 40.579 ng
RT: 7.576 min Scan# 730
Delta R.T. -0.012 min
Lab File: BG055337.D
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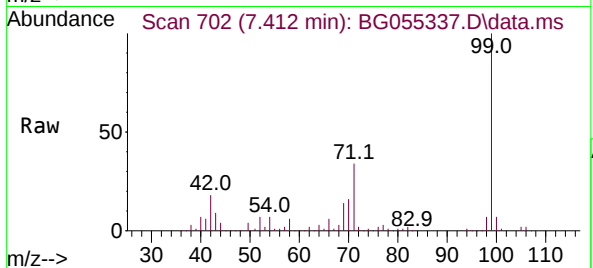
Tgt Ion: 93 Resp: 119620
Ion Ratio Lower Upper
93 100
66 39.2 31.6 47.4
65 20.1 16.0 24.0





#7
Phenol-d6
Concen: 141.620 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

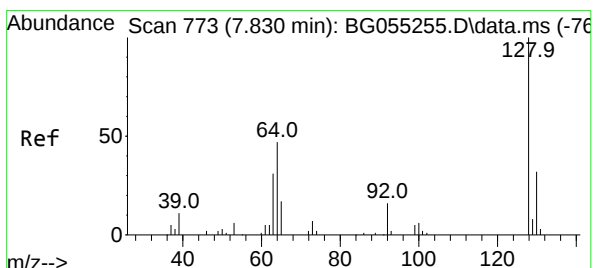
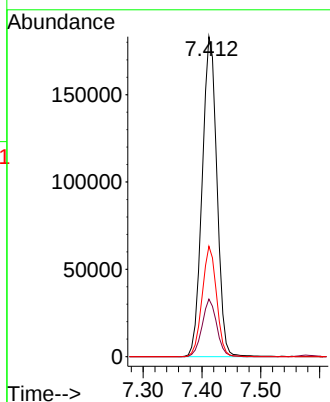
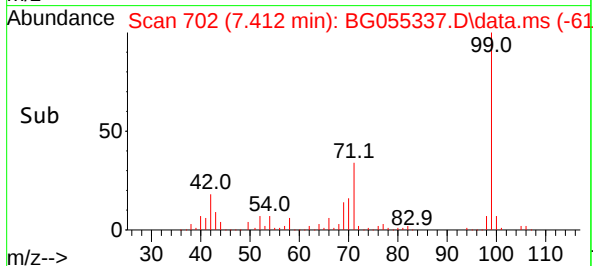
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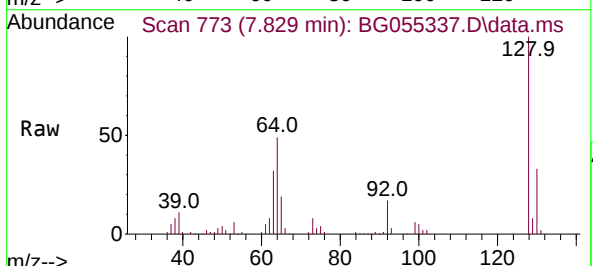
Tgt Ion: 99 Resp: 318899
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 34.5 26.2 39.4

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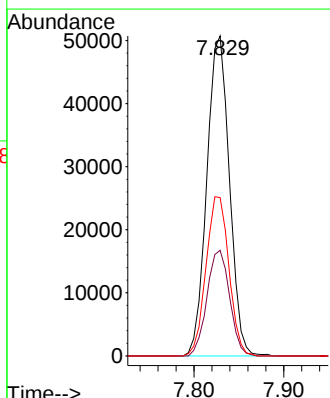
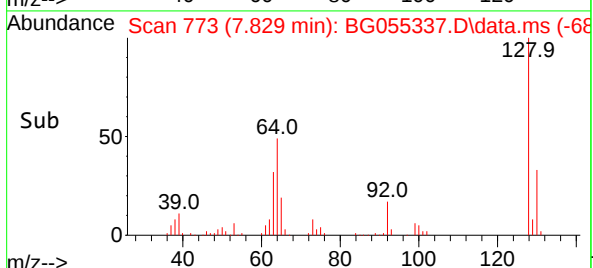
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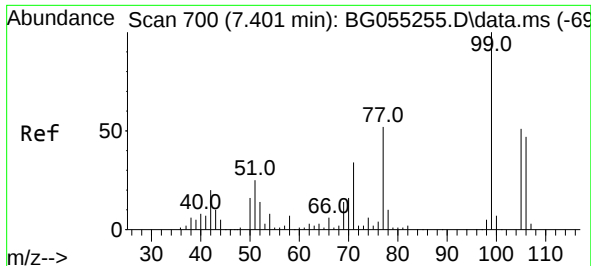


#8
2-Chlorophenol
Concen: 49.129 ng
RT: 7.829 min Scan# 773
Delta R.T. -0.001 min
Lab File: BG055337.D
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Tgt Ion:128 Resp: 88776
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 49.5 33.2 73.2





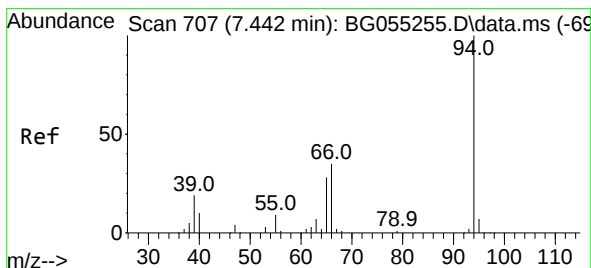
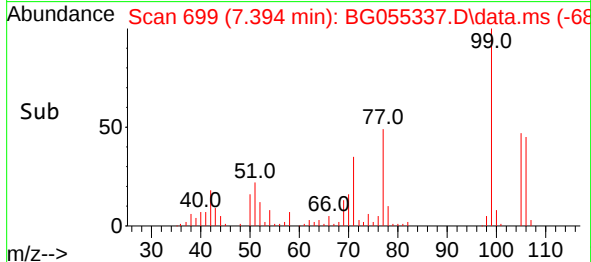
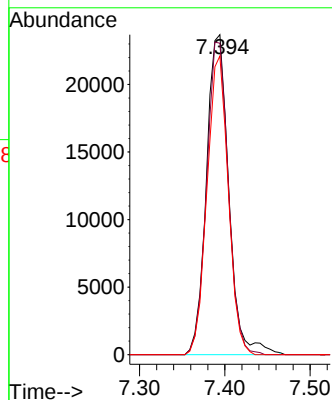
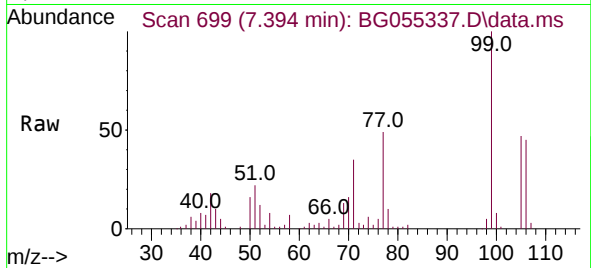
#9
Benzaldehyde
Concen: 28.082 ng
RT: 7.394 min Scan# 699
Delta R.T. -0.007 min
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Tgt Ion: 77 Resp: 43175
Ion Ratio Lower Upper
77 100
105 97.3 77.9 117.9
106 93.3 69.9 109.9

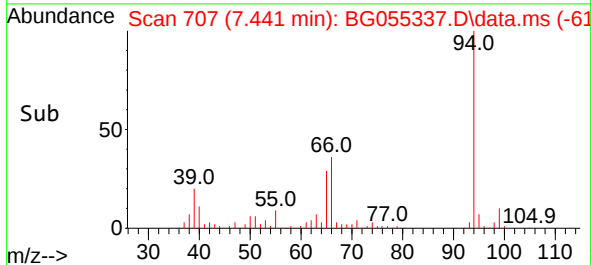
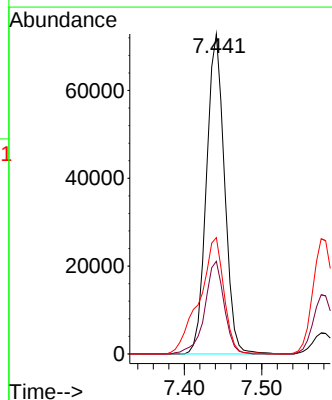
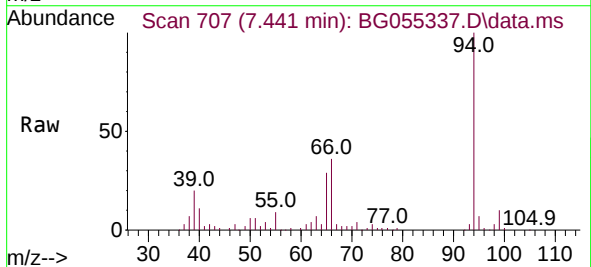
Manual Integrations
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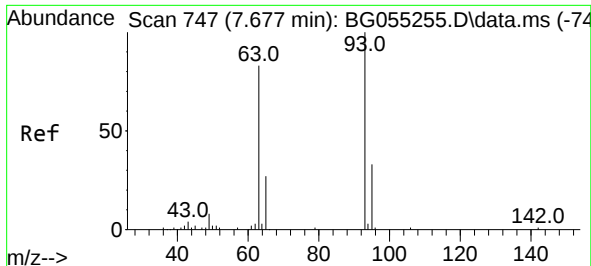
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 46.543 ng
RT: 7.441 min Scan# 707
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion: 94 Resp: 117394
Ion Ratio Lower Upper
94 100
65 28.9 8.4 48.4
66 36.3 16.3 56.3





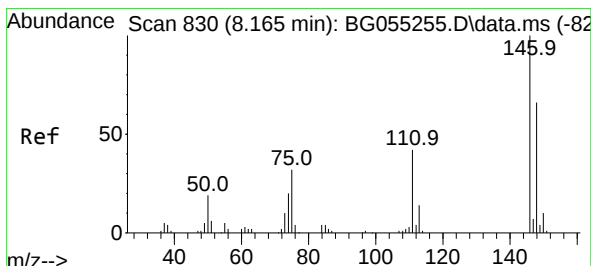
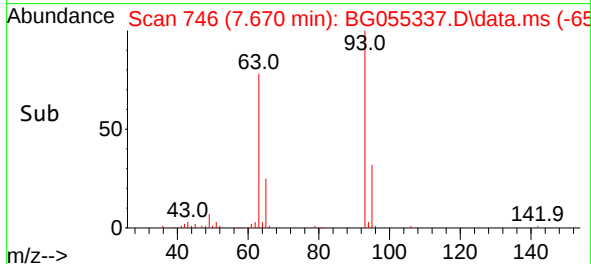
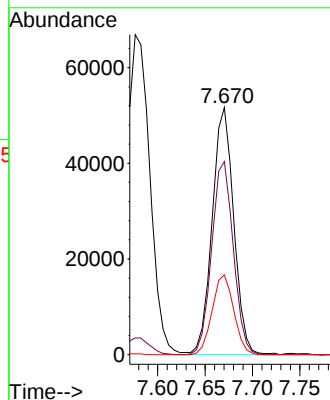
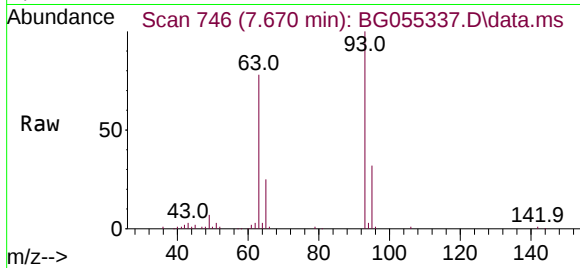
#11
bis(2-Chloroethyl)ether
Concen: 42.976 ng
RT: 7.670 min Scan# 747
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion: 93 Resp: 81825
Ion Ratio Lower Upper
93 100
63 78.1 62.0 102.0
95 32.3 12.4 52.4

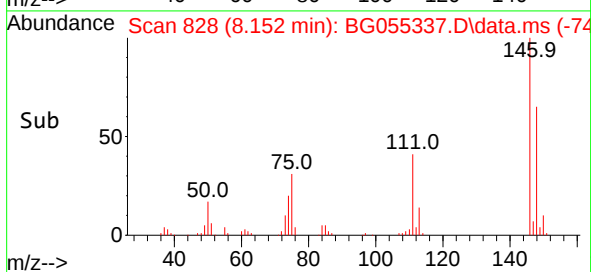
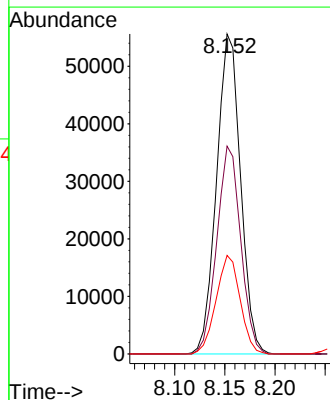
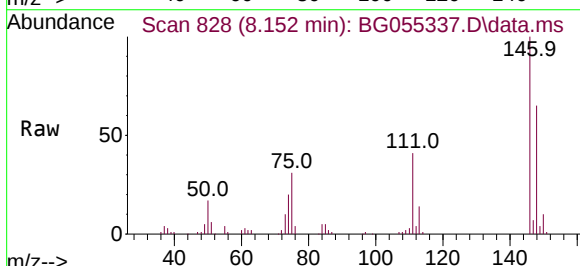
Manual Integrations
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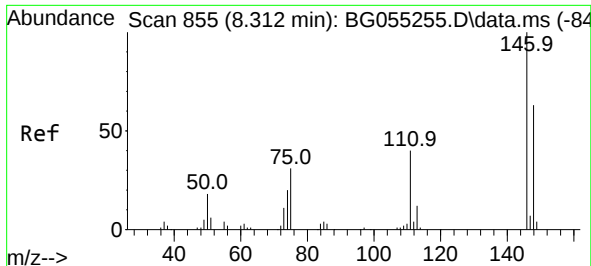
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 46.989 ng
RT: 8.152 min Scan# 828
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:146 Resp: 92643
Ion Ratio Lower Upper
146 100
148 64.9 52.9 79.3
75 30.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.830 ng

RT: 8.299 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

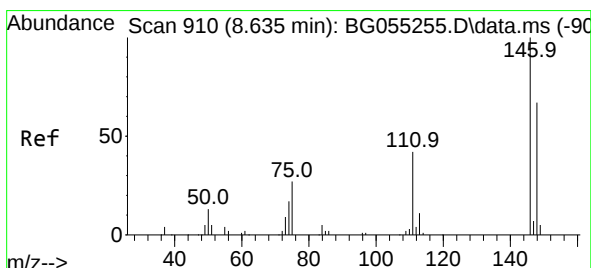
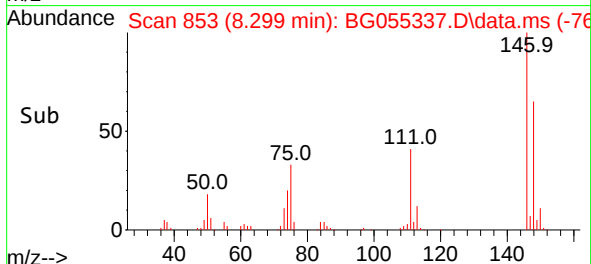
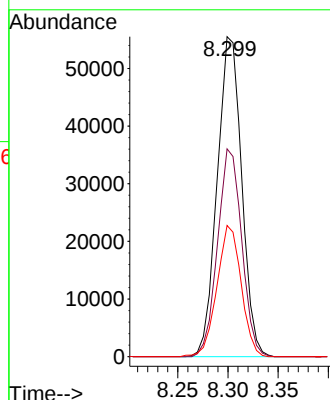
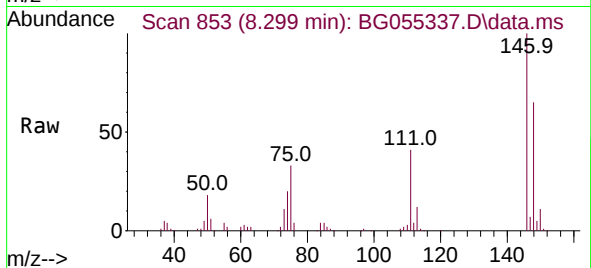
PB148486BS

Tgt Ion:146 Resp: 94306
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.5 75.7
 111 41.0 32.4 48.6

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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#14

1,2-Dichlorobenzene

Concen: 47.806 ng

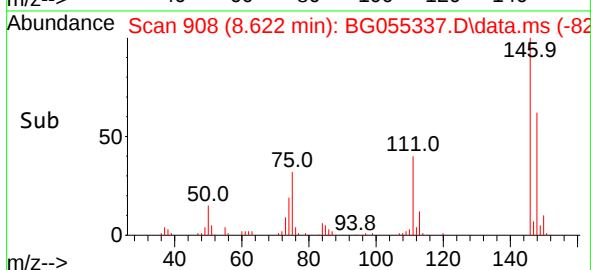
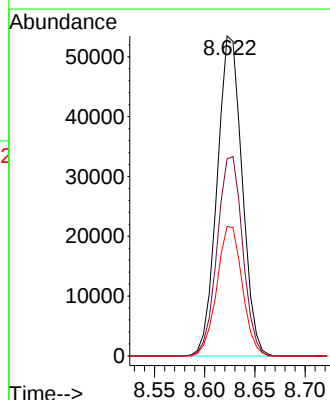
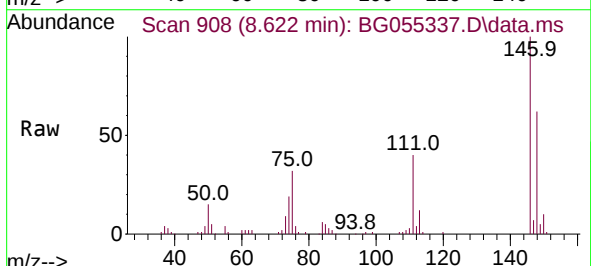
RT: 8.622 min Scan# 908

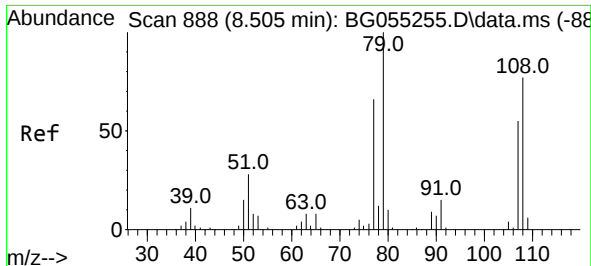
Delta R.T. -0.012 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Tgt Ion:146 Resp: 92691
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.4 80.0
 111 40.4 34.0 51.0





#15
Benzyl Alcohol
Concen: 43.558 ng m
RT: 8.499 min Scan# 888
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

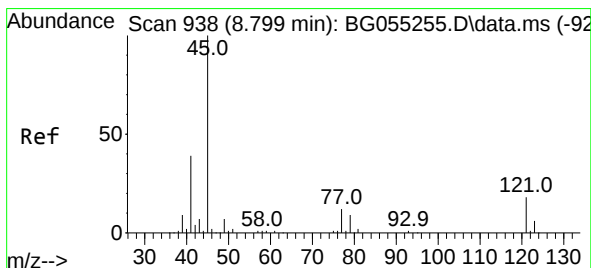
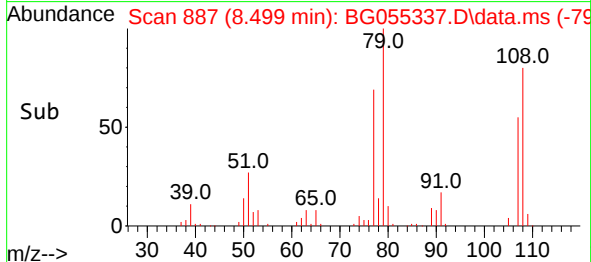
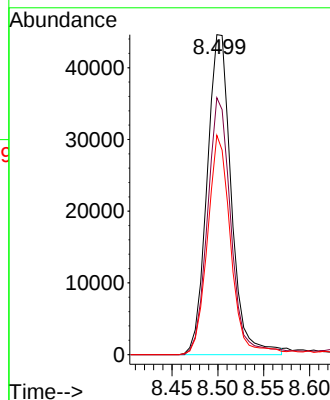
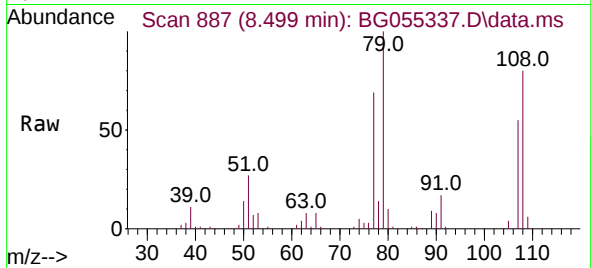
ClientSampleId :

PB148486BS

Tgt Ion: 79 Resp: 82080
Ion Ratio Lower Upper
79 100
108 80.3 61.3 91.9
77 68.5 52.7 79.1

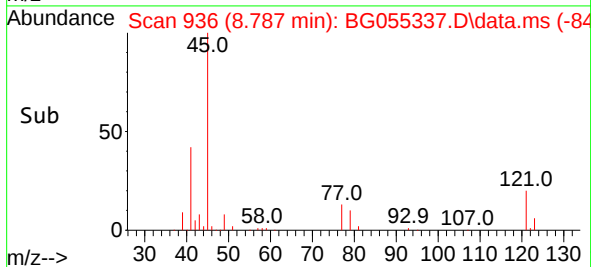
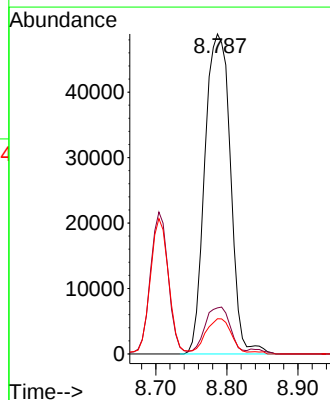
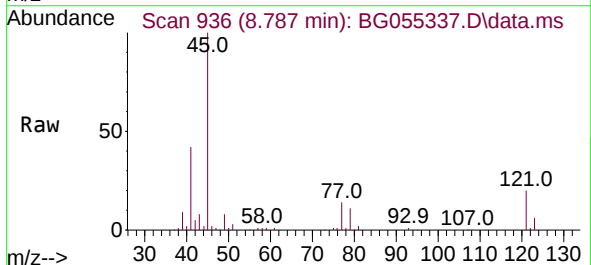
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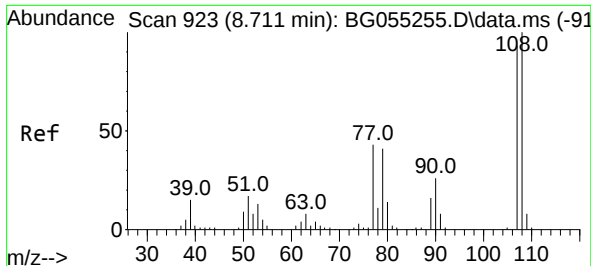
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.227 ng
RT: 8.787 min Scan# 936
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion: 45 Resp: 122228
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.9
79 11.0 0.0 29.6





#17
2-Methylphenol
Concen: 46.172 ng
RT: 8.704 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

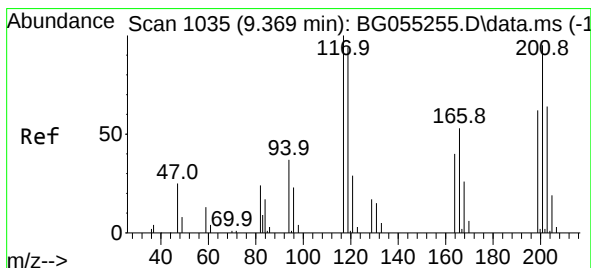
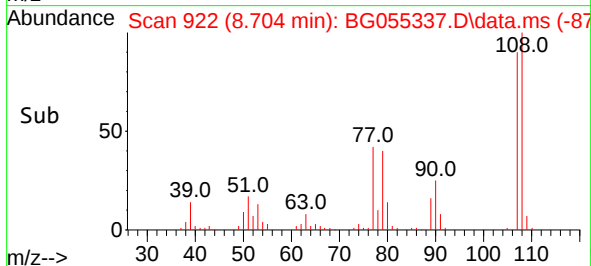
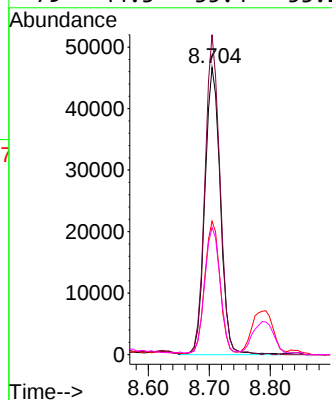
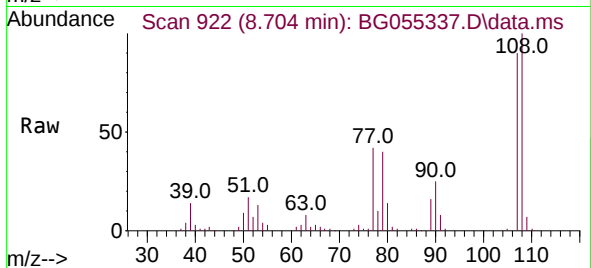
PB148486BS

Tgt Ion:107 Resp: 8236
Ion Ratio Lower Upper
107 100
108 111.4 86.0 129.0
77 46.4 37.4 56.0
79 44.3 35.4 53.2

Manual Integrations

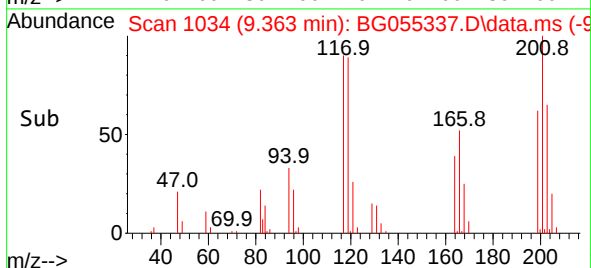
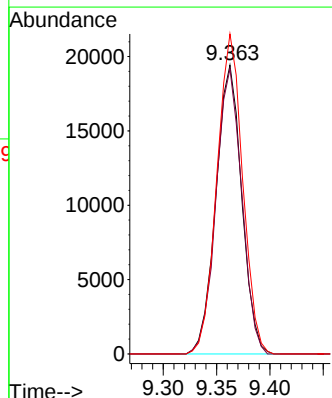
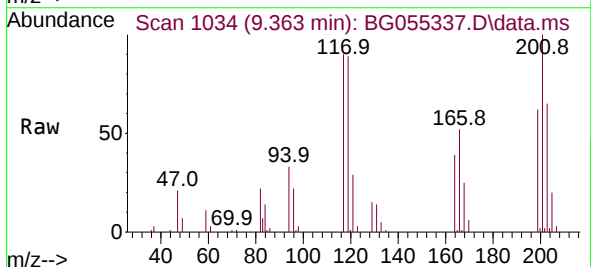
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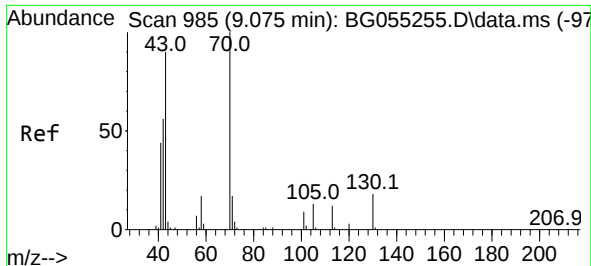
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 45.604 ng
RT: 9.363 min Scan# 1034
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:117 Resp: 32702
Ion Ratio Lower Upper
117 100
119 98.7 75.4 113.2
201 113.4 75.8 113.8





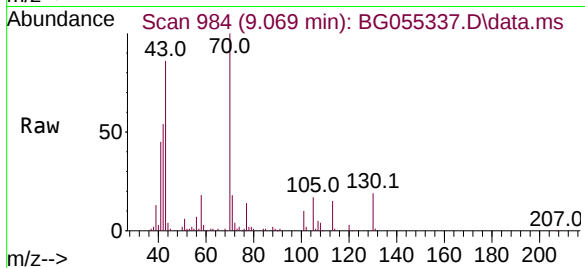
#19
n-Nitroso-di-n-propylamine
Concen: 39.140 ng
RT: 9.069 min Scan# 985
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

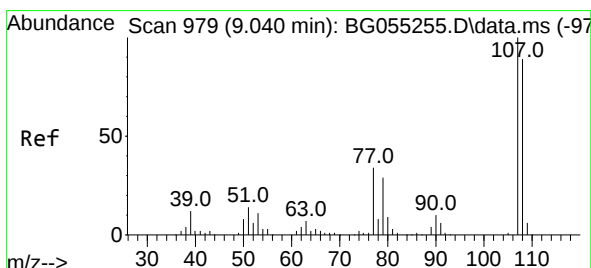
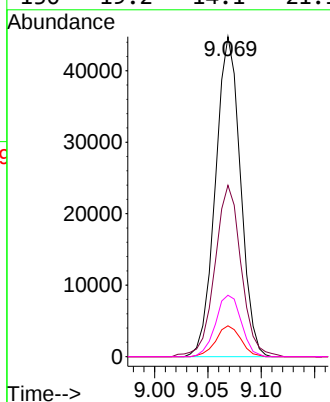
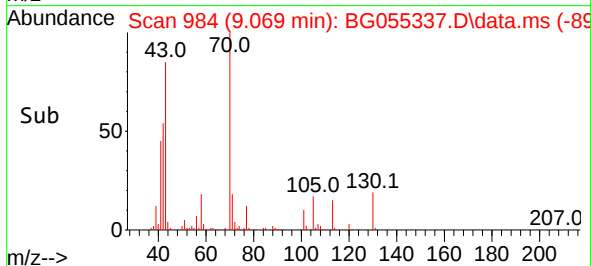


Tgt Ion: 70 Resp: 73189
Ion Ratio Lower Upper
70 100
42 53.5 45.8 68.6
101 9.6 7.4 11.0
130 19.2 14.1 21.1

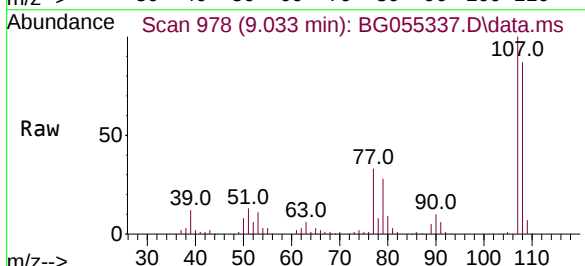
Manual Integrations

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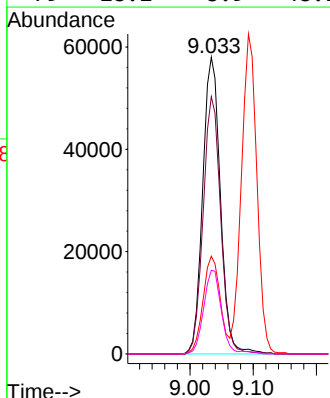
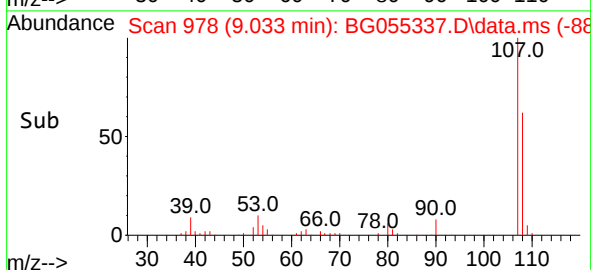
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

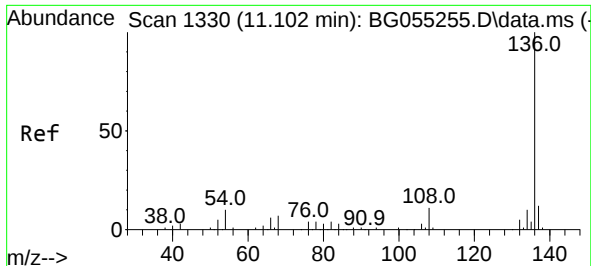


#20
3+4-Methylphenols
Concen: 44.144 ng
RT: 9.033 min Scan# 978
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:107 Resp: 112782
Ion Ratio Lower Upper
107 100
108 86.7 68.5 108.5
77 32.9 14.0 54.0
79 28.2 8.9 48.9





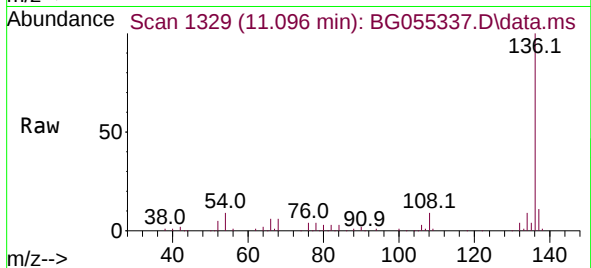
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

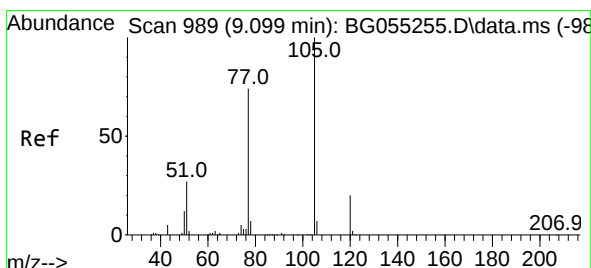
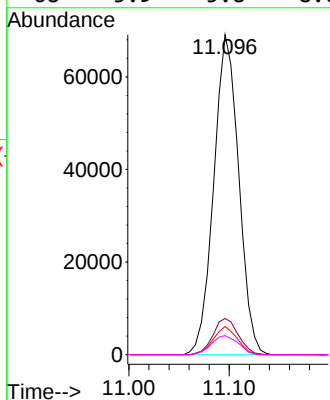
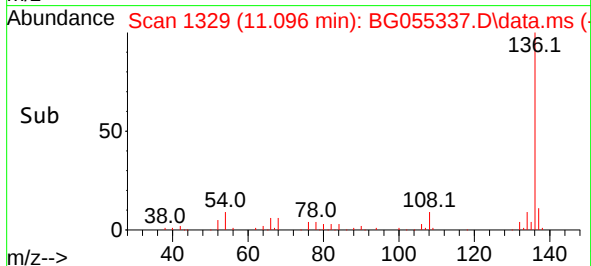


Tgt Ion:136 Resp: 119386
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.8 7.8 11.8
68 5.9 5.8 8.6

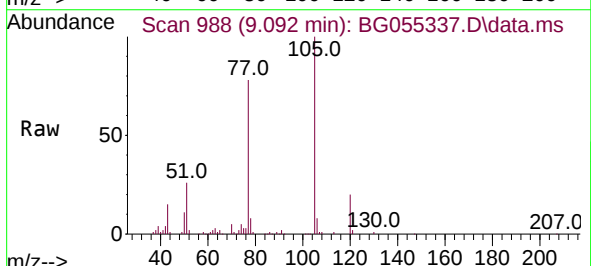
Manual Integrations

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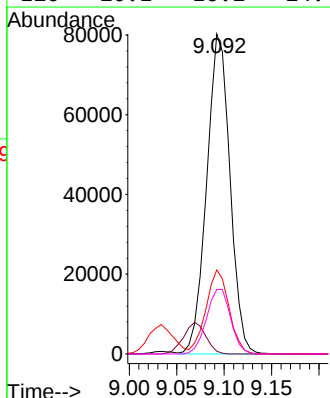
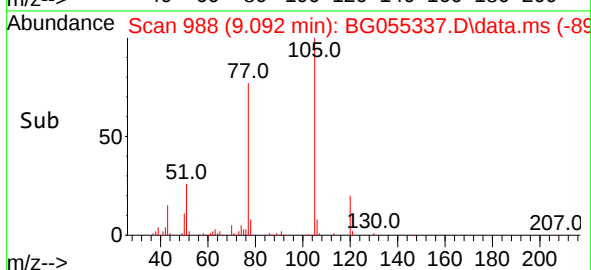
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

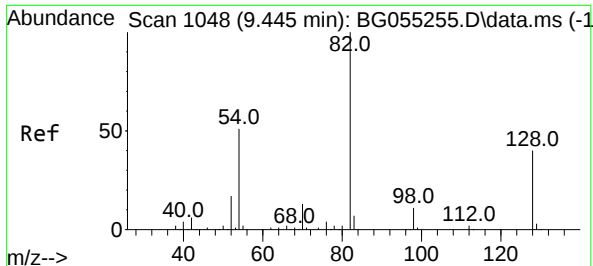


#22
Acetophenone
Concen: 44.949 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:105 Resp: 137193
Ion Ratio Lower Upper
105 100
71 0.8 0.8 1.2
51 26.2 22.9 34.3
120 20.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 83.059 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.007 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

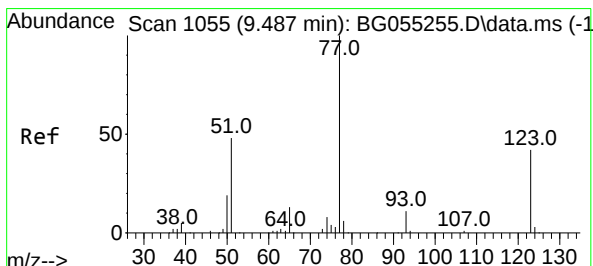
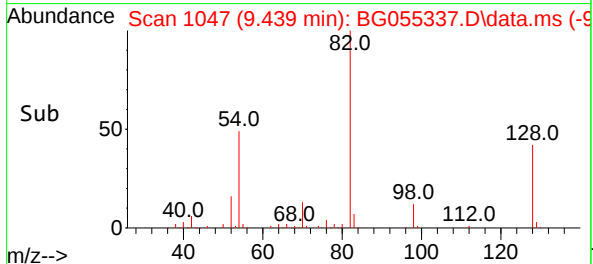
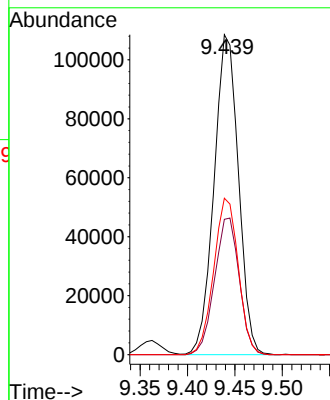
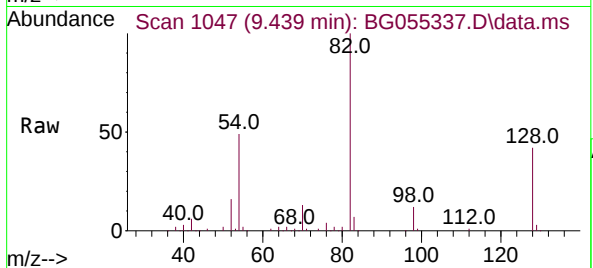
PB148486BS

Tgt Ion: 82 Resp: 194193
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.0 48.0
 54 48.9 40.9 61.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#24

Nitrobenzene

Concen: 41.859 ng

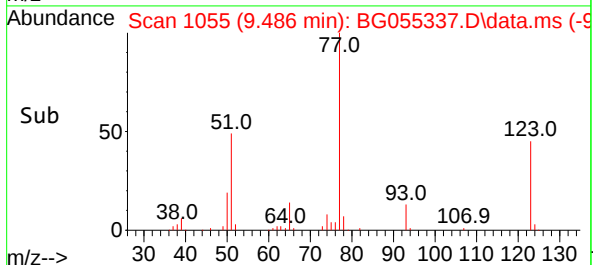
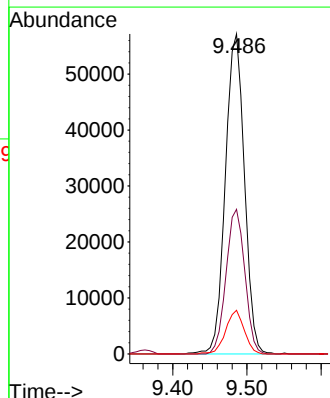
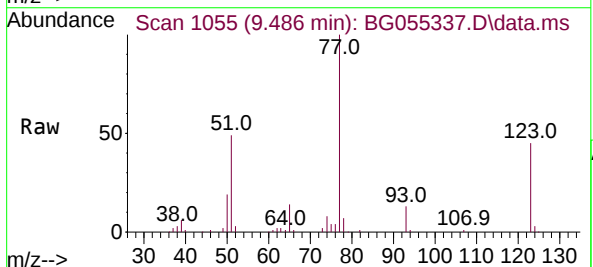
RT: 9.486 min Scan# 1055

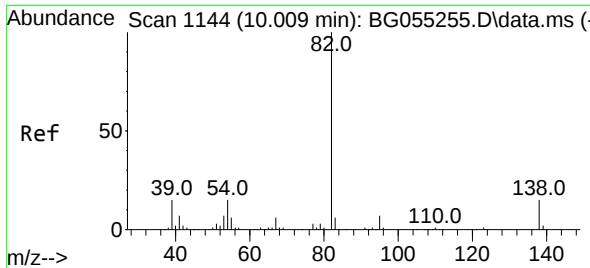
Delta R.T. -0.001 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Tgt Ion: 77 Resp: 101903
 Ion Ratio Lower Upper
 77 100
 123 45.2 33.6 50.4
 65 13.6 10.2 15.4





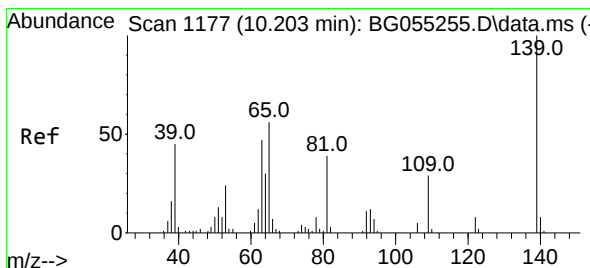
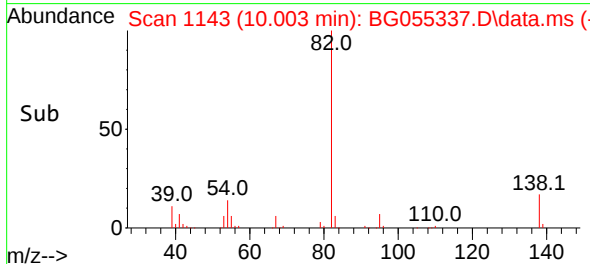
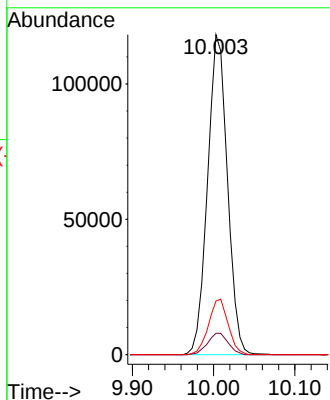
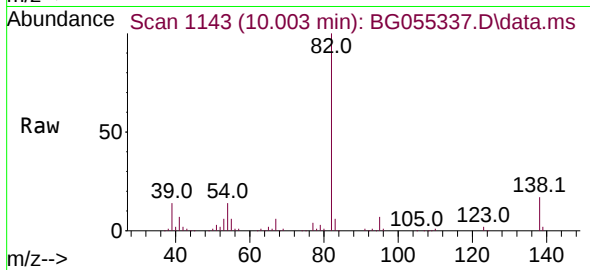
#25
Isophorone
Concen: 42.519 ng
RT: 10.003 min Scan# 1143
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion: 82 Resp: 200793
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.7 12.2 18.4

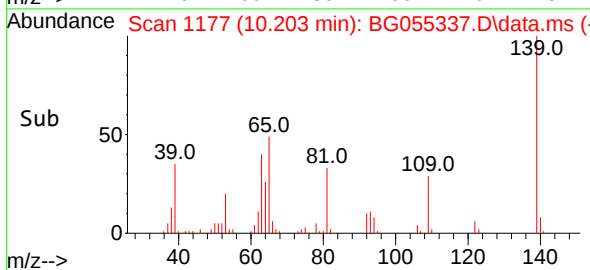
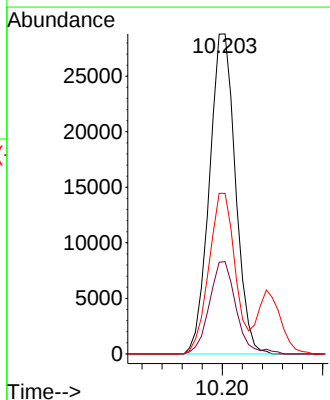
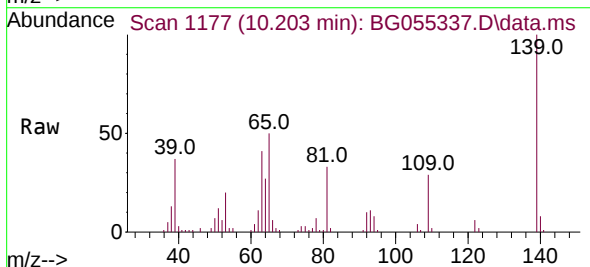
Manual Integrations
APPROVED

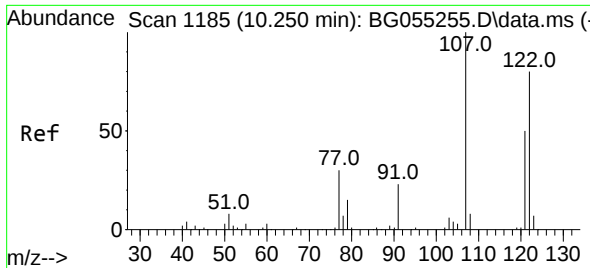
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 48.746 ng
RT: 10.203 min Scan# 1177
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:139 Resp: 51967
Ion Ratio Lower Upper
139 100
109 28.8 23.3 34.9
65 50.2 45.2 67.8





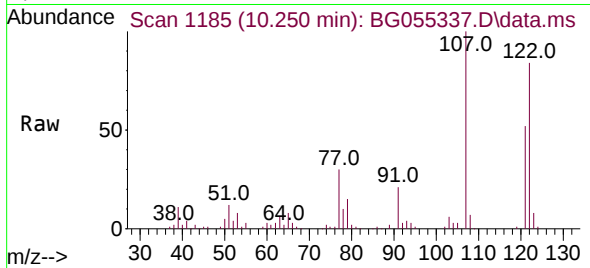
#27
2,4-Dimethylphenol
Concen: 54.085 ng m
RT: 10.250 min Scan# 1185
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

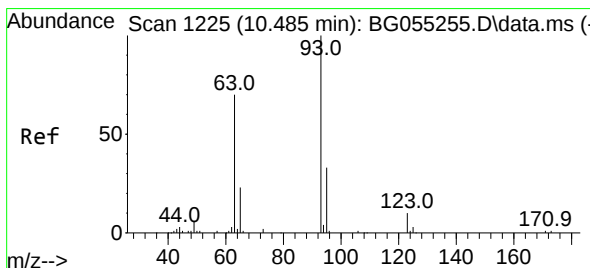
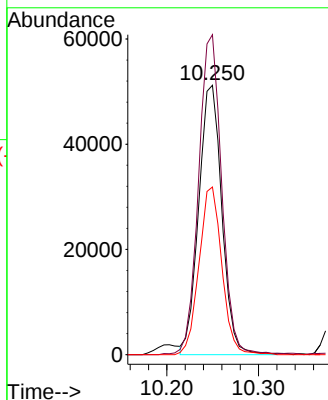
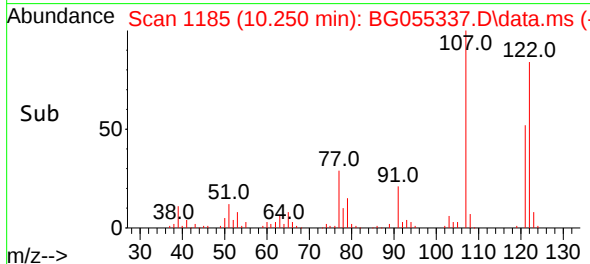


Tgt Ion:122 Resp: 90014
Ion Ratio Lower Upper
122 100
107 118.8 97.3 145.9
121 62.2 48.5 72.7

Manual Integrations

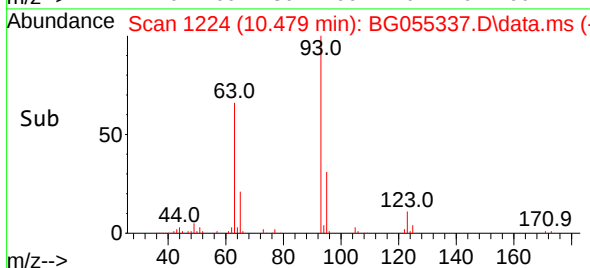
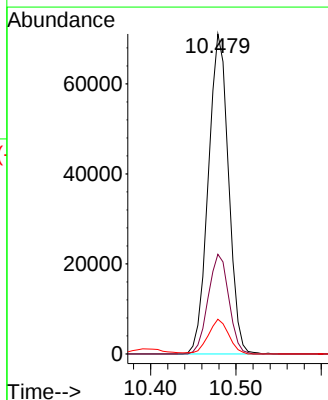
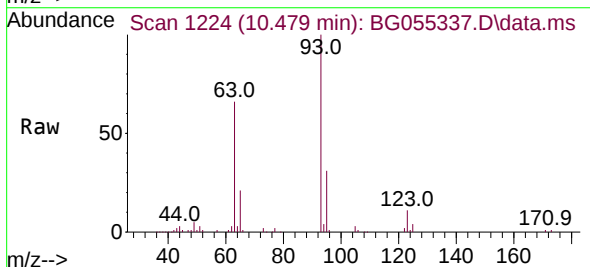
APPROVED

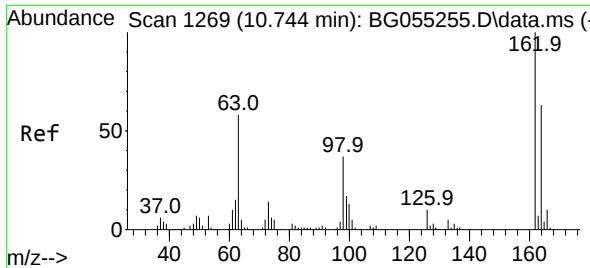
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.041 ng
RT: 10.479 min Scan# 1224
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

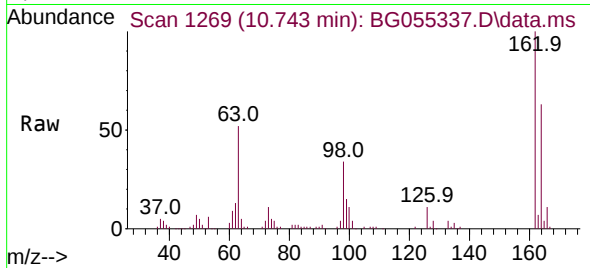
Tgt Ion: 93 Resp: 116931
Ion Ratio Lower Upper
93 100
95 31.1 26.3 39.5
123 10.8 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 51.043 ng
RT: 10.743 min Scan# 1269
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

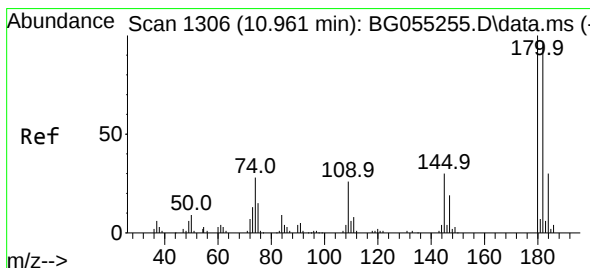
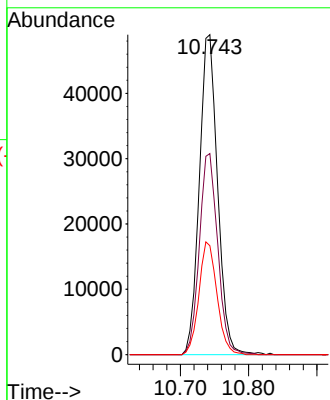
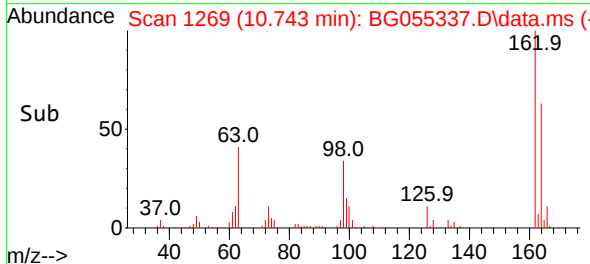
Instrument :
BNA_G
ClientSampleId :
PB148486BS



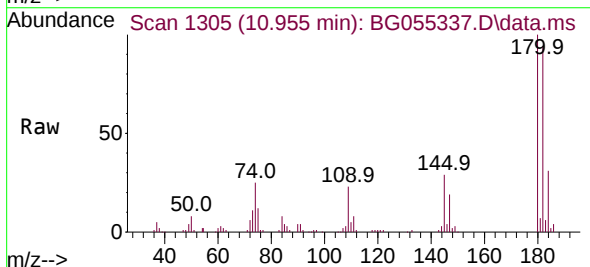
Tgt Ion:162 Resp: 91134
Ion Ratio Lower Upper
162 100
164 62.8 42.9 82.9
98 34.0 17.3 57.3

Manual Integrations
APPROVED

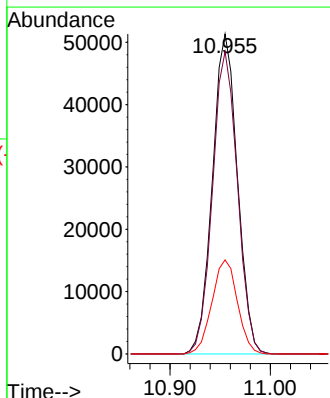
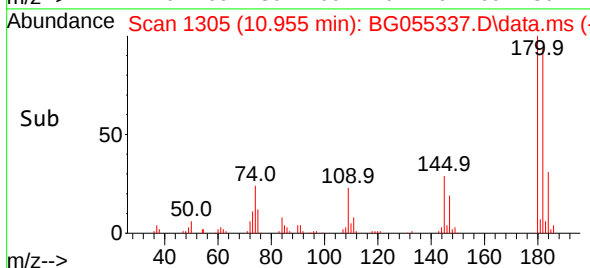
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

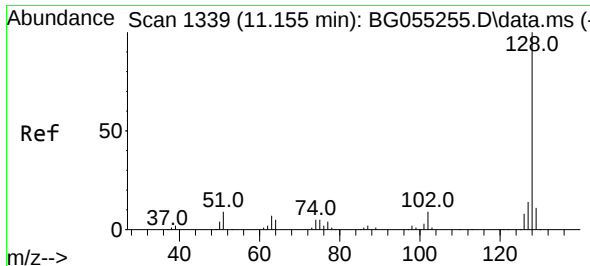


#30
1,2,4-Trichlorobenzene
Concen: 48.869 ng
RT: 10.955 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:180 Resp: 89051
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 29.4 24.4 36.6





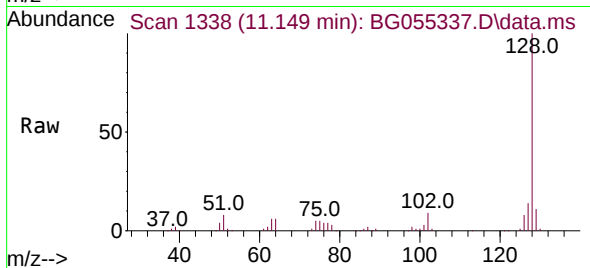
#31
Naphthalene
Concen: 43.643 ng
RT: 11.149 min Scan# 1339
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

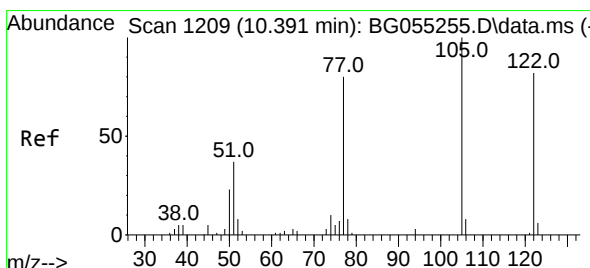
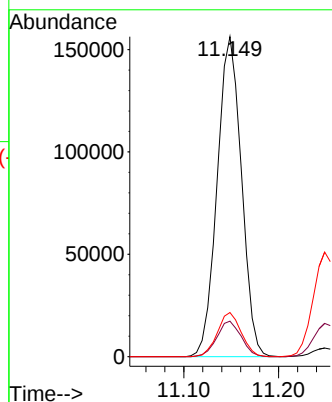


Tgt Ion:128 Resp: 277952
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations

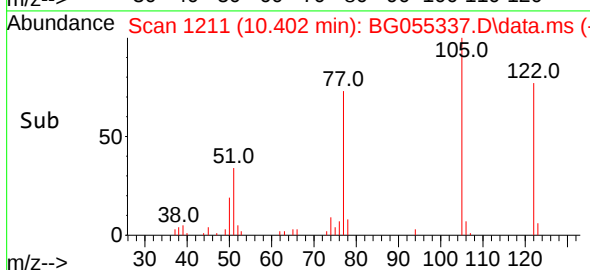
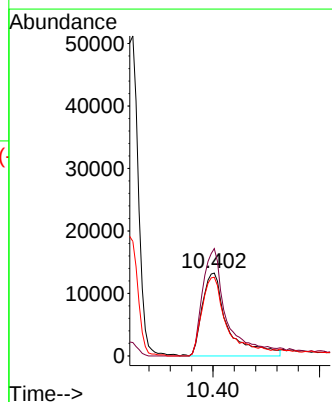
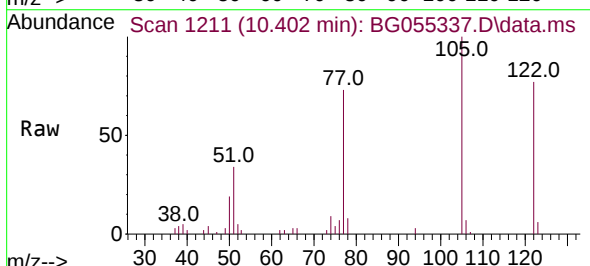
APPROVED

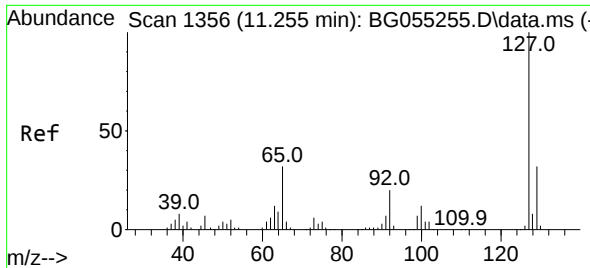
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 36.050 ng
RT: 10.402 min Scan# 1211
Delta R.T. 0.011 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:122 Resp: 43907
Ion Ratio Lower Upper
122 100
105 129.7 101.3 141.3
77 95.1 76.9 116.9





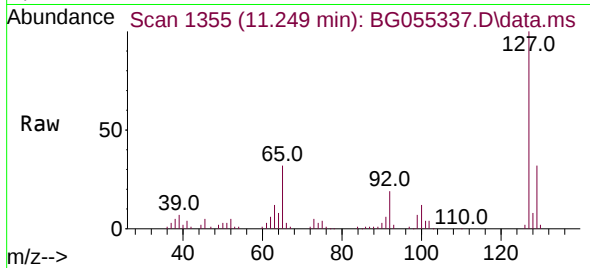
#33
4-Chloroaniline
Concen: 35.582 ng
RT: 11.249 min Scan# 1355
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

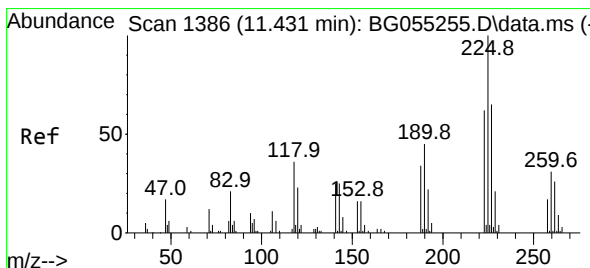
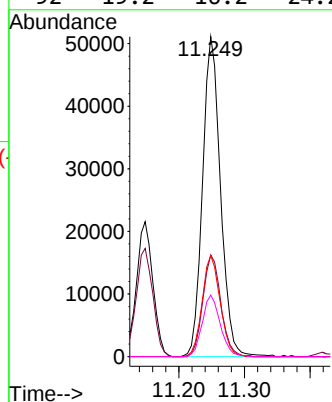
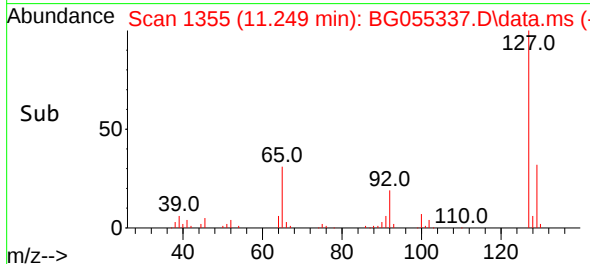


Tgt Ion:127 Resp: 96883
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.0
65 31.6 25.5 38.3
92 19.2 16.2 24.2

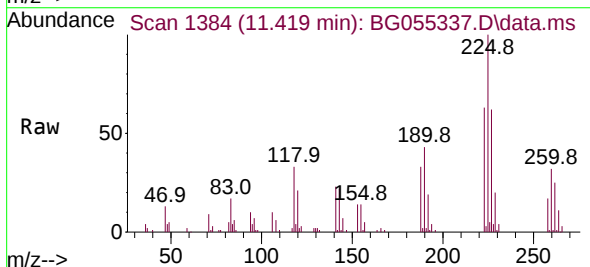
Manual Integrations

APPROVED

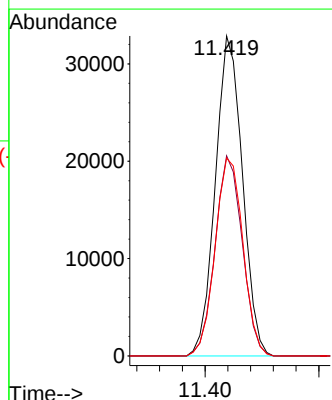
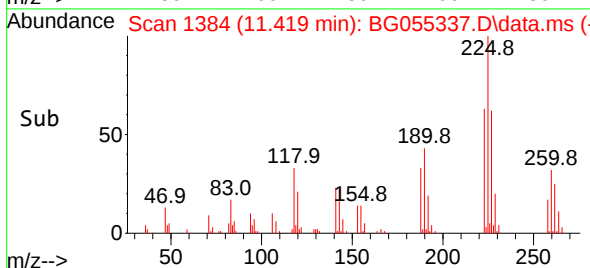
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

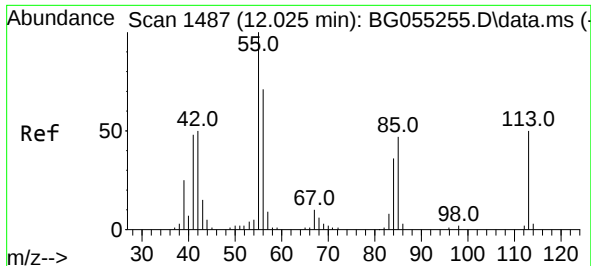


#34
Hexachlorobutadiene
Concen: 52.133 ng
RT: 11.419 min Scan# 1384
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



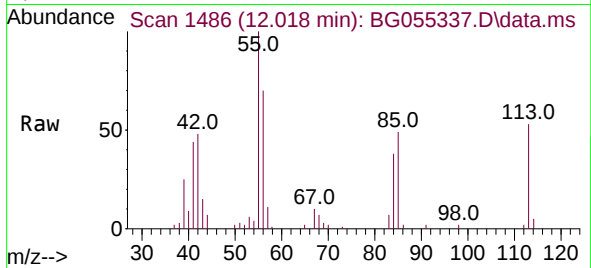
Tgt Ion:225 Resp: 54279
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.2
227 61.8 52.4 78.6





#35
Caprolactam
Concen: 42.583 ng m
RT: 12.018 min Scan# 1486
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

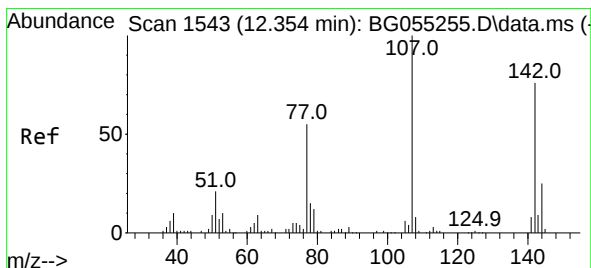
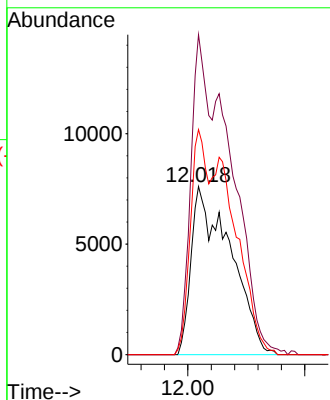
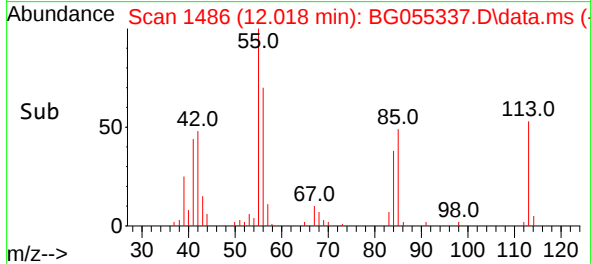
Instrument :
BNA_G
ClientSampleId :
PB148486BS



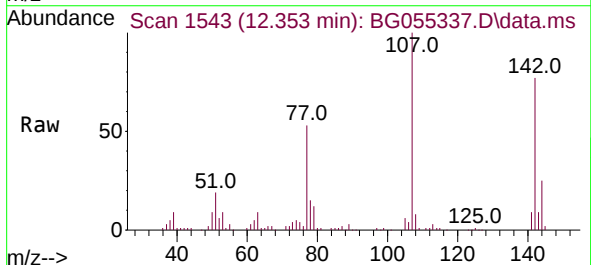
Tgt Ion:113 Resp: 35286
Ion Ratio Lower Upper
113 100
55 190.3 178.2 218.2
56 133.8 121.0 161.0

Manual Integrations
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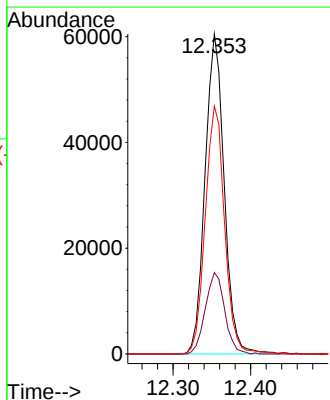
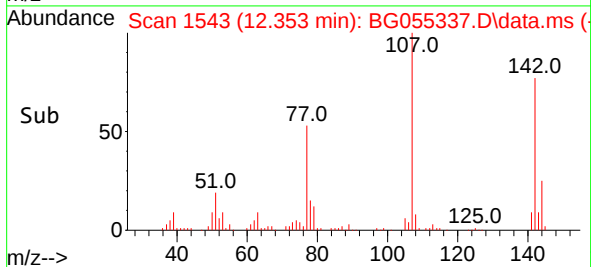
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

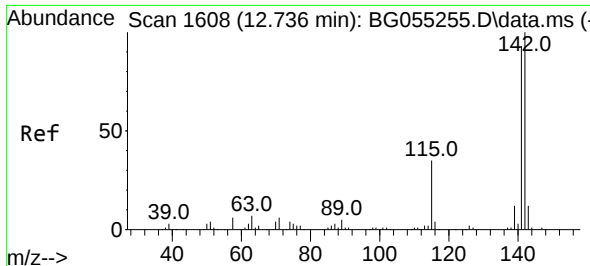


#36
4-Chloro-3-methylphenol
Concen: 46.076 ng
RT: 12.353 min Scan# 1543
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:107 Resp: 103515
Ion Ratio Lower Upper
107 100
144 25.4 20.3 30.5
142 77.5 60.5 90.7





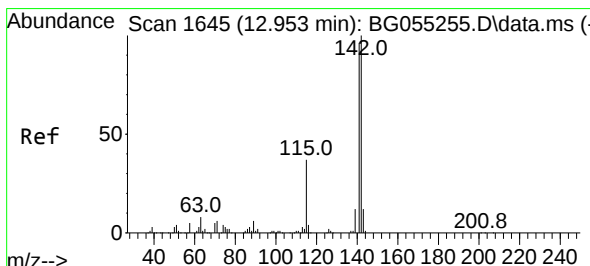
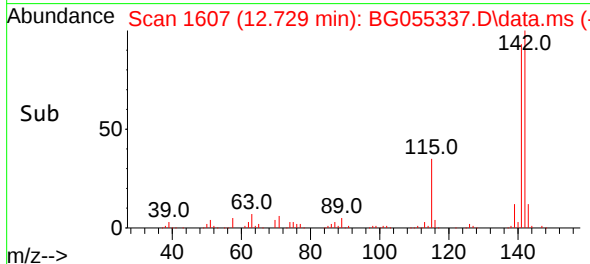
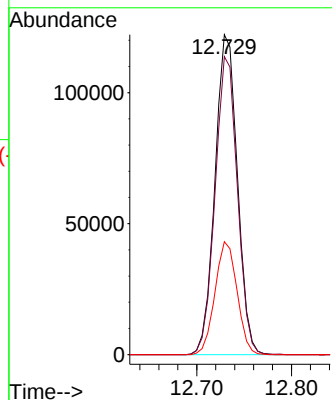
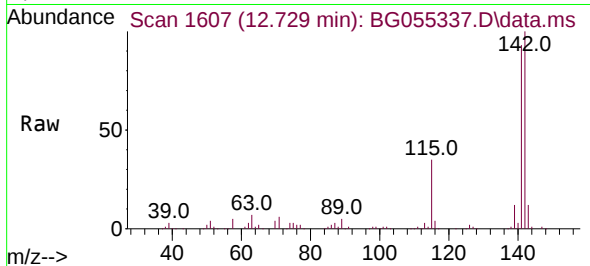
#37
2-Methylnaphthalene
Concen: 43.643 ng
RT: 12.729 min Scan# 1607
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion:142 Resp: 200401
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0
115 35.3 28.3 42.5

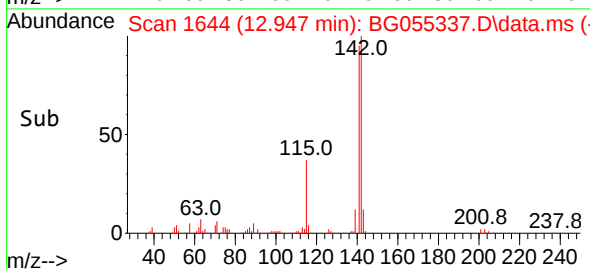
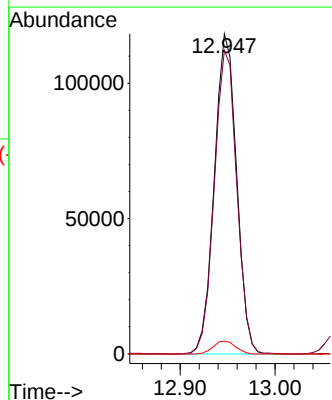
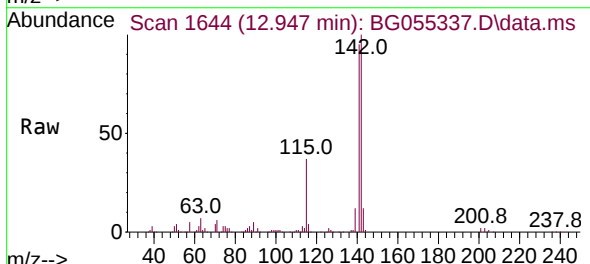
Manual Integrations
APPROVED

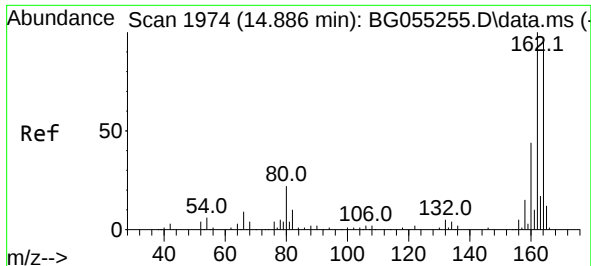
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#38
1-Methylnaphthalene
Concen: 42.543 ng
RT: 12.947 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:142 Resp: 192724
Ion Ratio Lower Upper
142 100
141 94.9 77.1 115.7
116 4.0 3.0 4.6





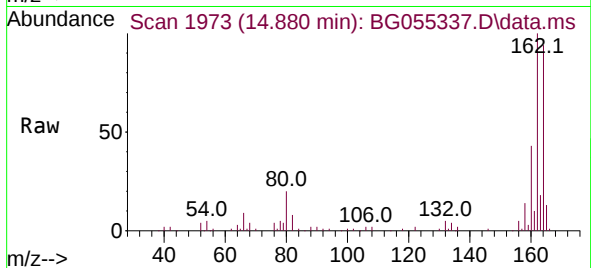
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

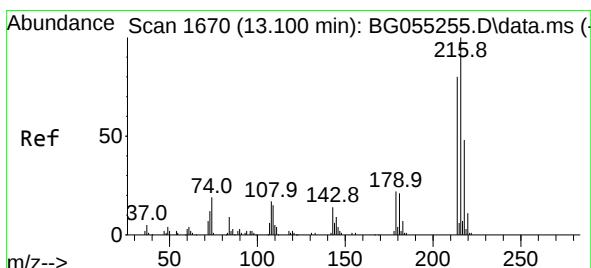
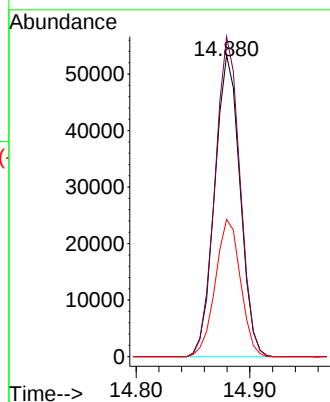
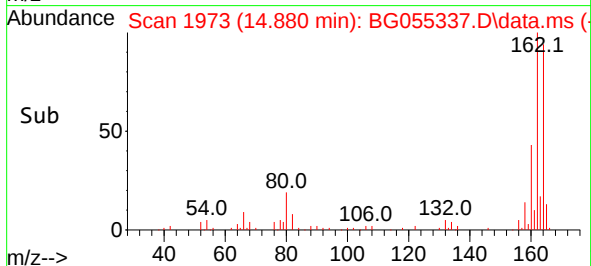


Tgt Ion:164 Resp: 82449
Ion Ratio Lower Upper
164 100
162 106.2 84.0 126.0
160 45.5 36.7 55.1

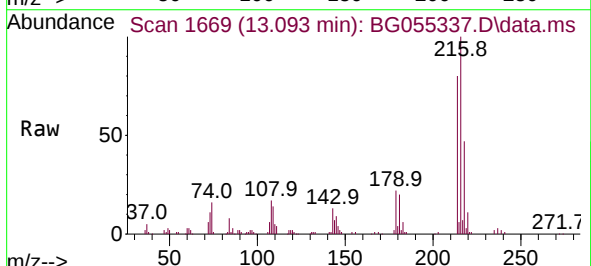
Manual Integrations

APPROVED

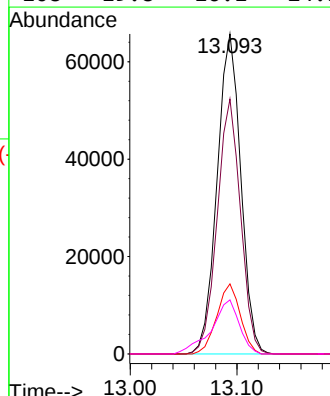
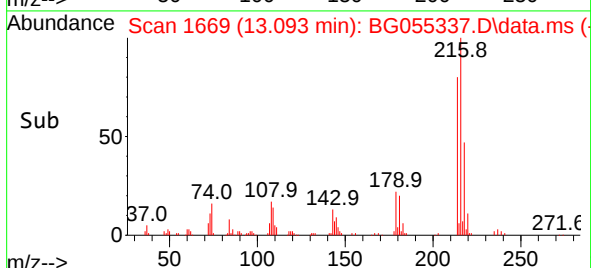
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

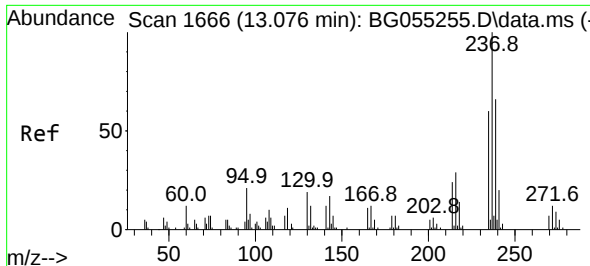


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.123 ng
RT: 13.093 min Scan# 1669
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



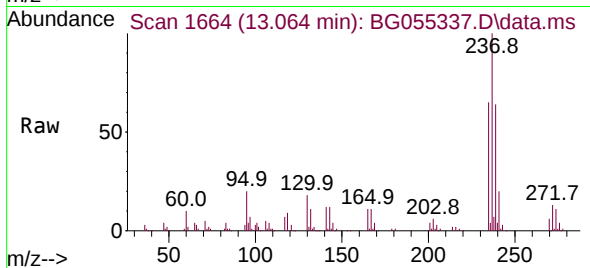
Tgt Ion:216 Resp: 101662
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 21.6 17.2 25.8
108 19.8 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 118.748 ng
RT: 13.064 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

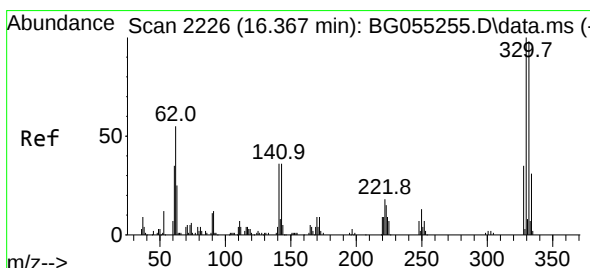
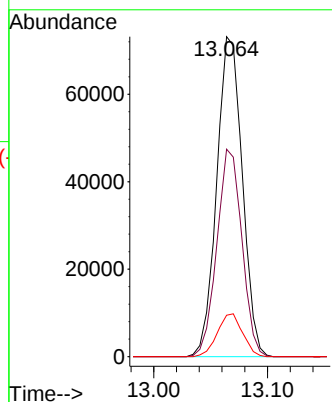
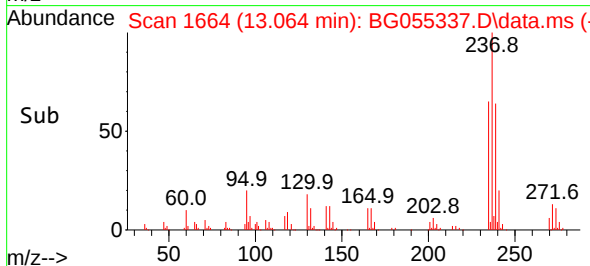
Instrument :
BNA_G
ClientSampleId :
PB148486BS



Tgt Ion:237 Resp: 114425
Ion Ratio Lower Upper
237 100
235 64.8 40.4 80.4
272 12.9 0.0 31.7

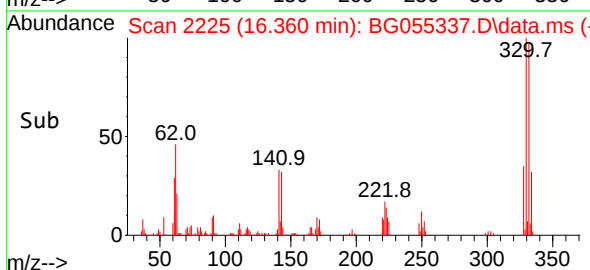
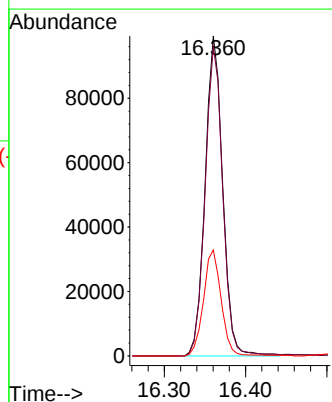
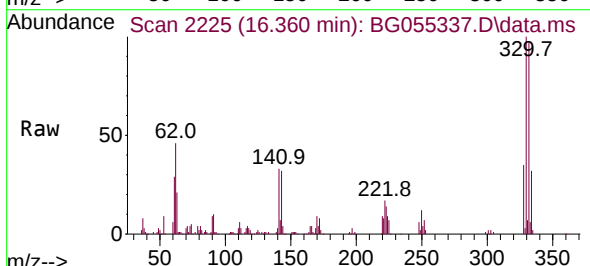
Manual Integrations
APPROVED

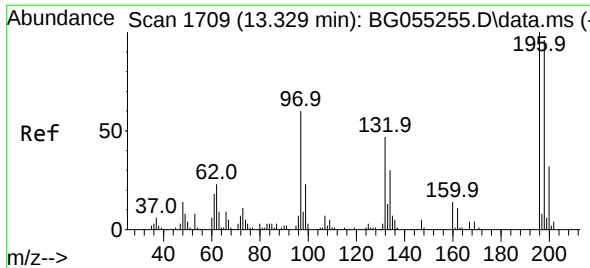
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#42
2,4,6-Tribromophenol
Concen: 167.409 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:330 Resp: 150047
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 33.3 29.8 44.8





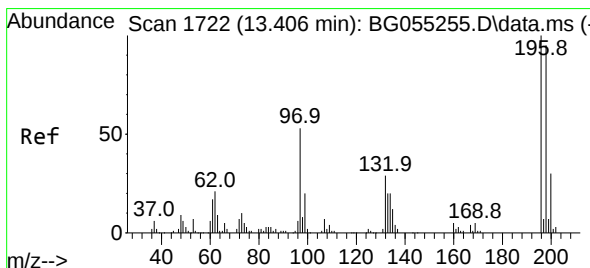
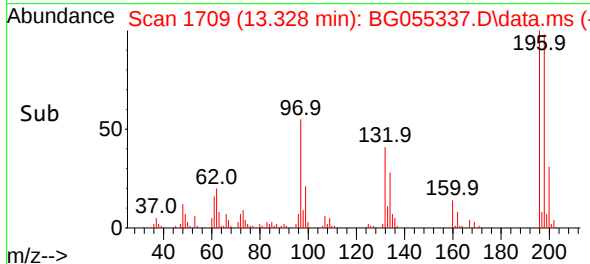
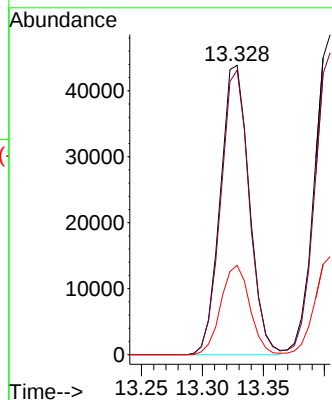
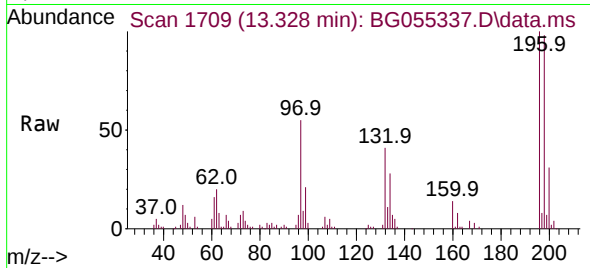
#43
2,4,6-Trichlorophenol
Concen: 49.385 ng
RT: 13.328 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion:196 Resp: 72533
Ion Ratio Lower Upper
196 100
198 98.4 76.5 114.7
200 30.9 25.8 38.8

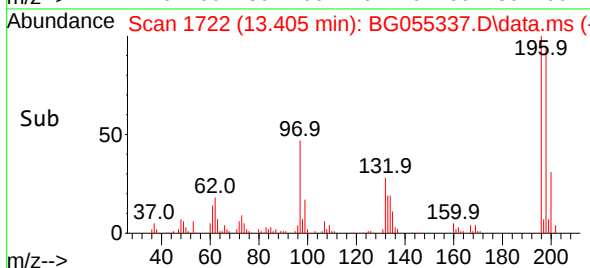
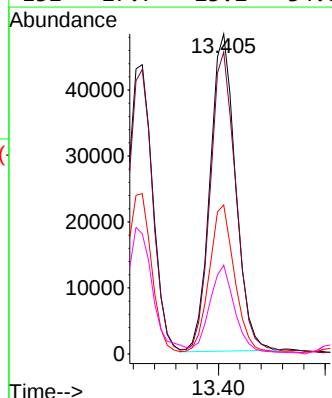
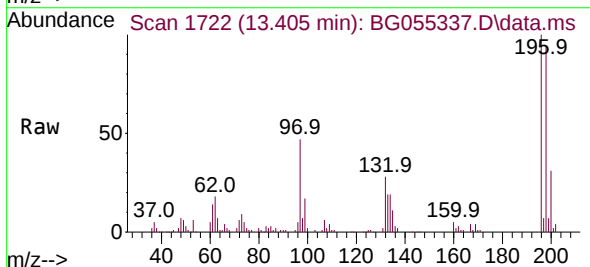
Manual Integrations
APPROVED

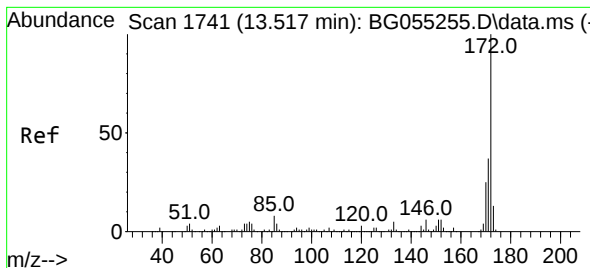
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#44
2,4,5-Trichlorophenol
Concen: 49.145 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:196 Resp: 79837
Ion Ratio Lower Upper
196 100
198 94.3 76.2 114.2
97 46.5 42.3 63.5
132 27.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 91.456 ng

RT: 13.505 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

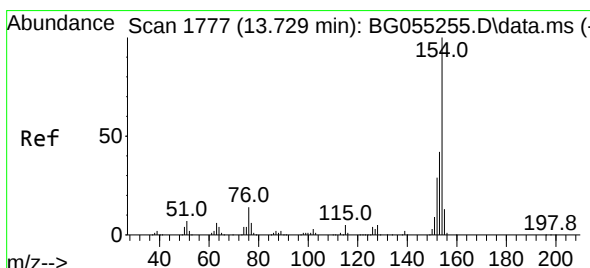
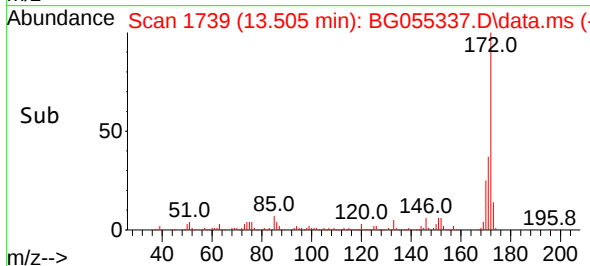
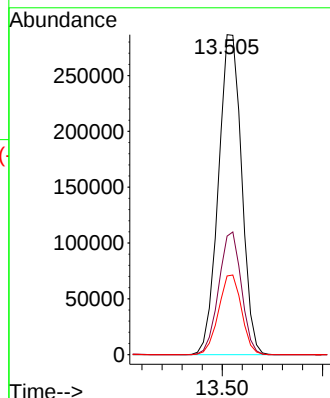
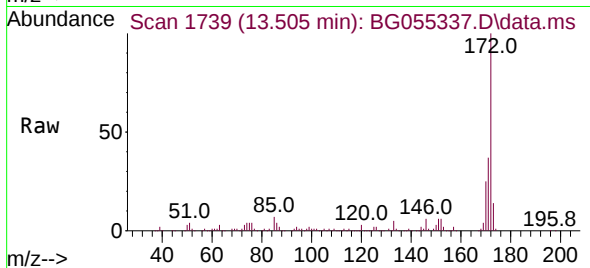
Tgt Ion:172 Resp: 460694

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#46

1,1'-Biphenyl

Concen: 48.083 ng

RT: 13.722 min Scan# 1776

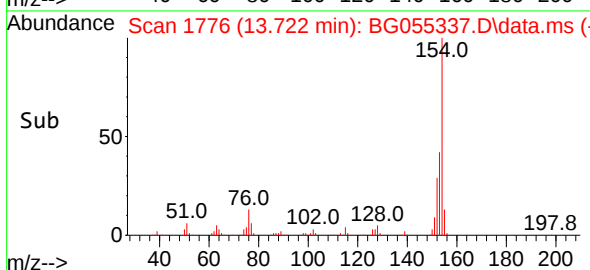
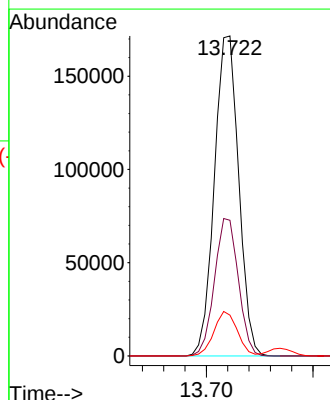
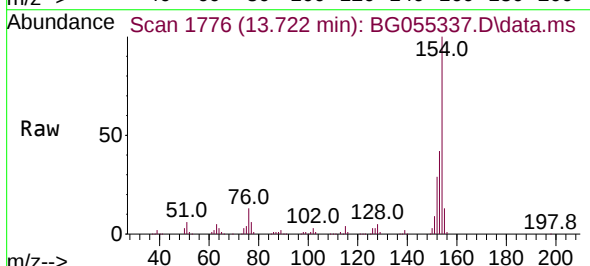
Delta R.T. -0.007 min

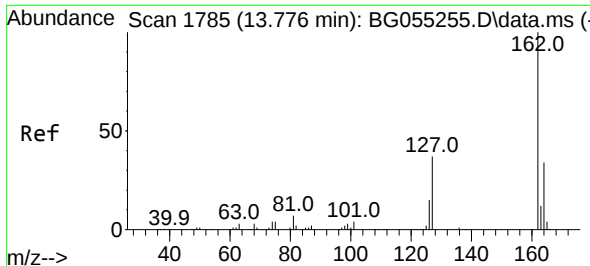
Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Tgt Ion:154 Resp: 271907

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.5	61.5
76	12.7	0.0	34.2





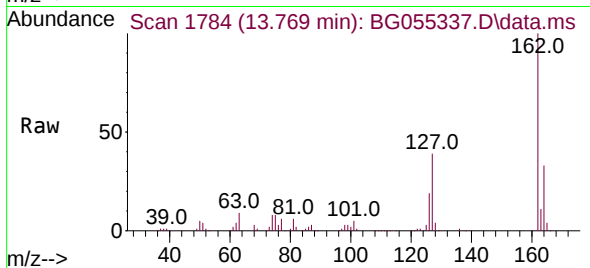
#47
2-Chloronaphthalene
Concen: 47.039 ng
RT: 13.769 min Scan# 1784
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

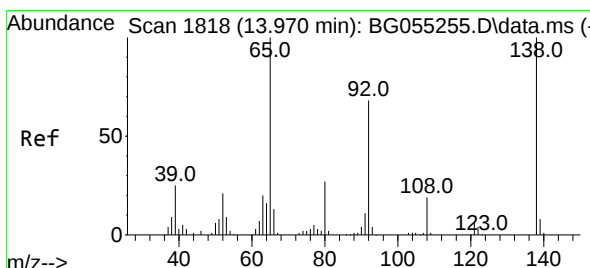
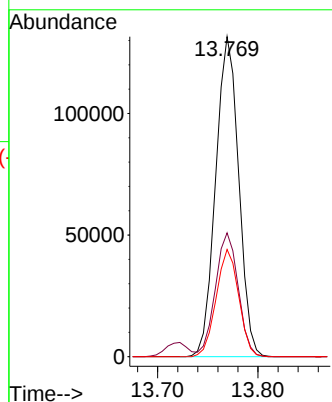
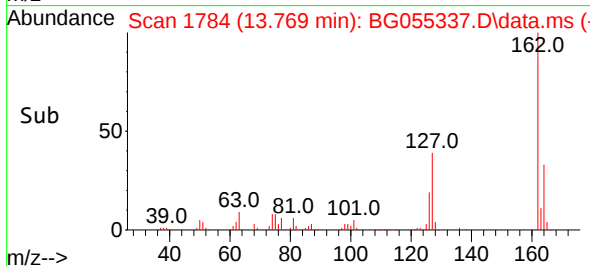


Tgt Ion:162 Resp: 209758
Ion Ratio Lower Upper
162 100
127 38.7 33.0 49.6
164 33.5 27.0 40.4

Manual Integrations

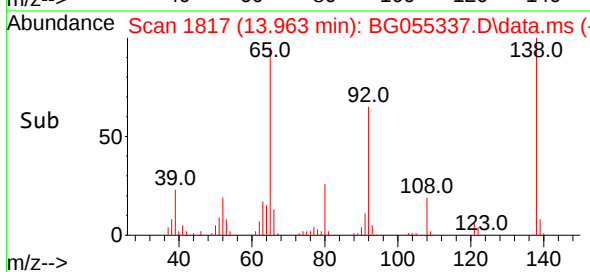
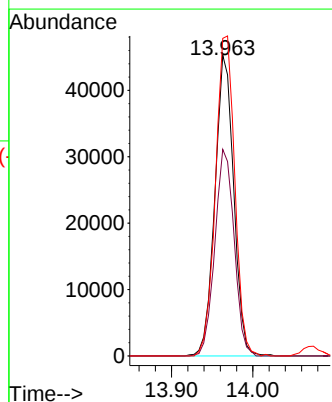
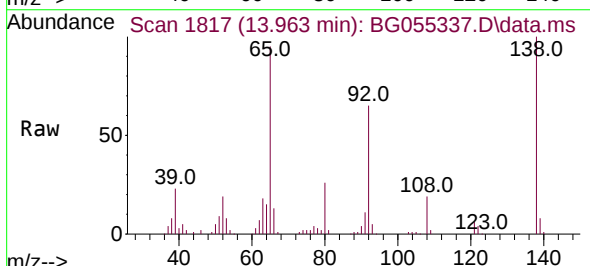
APPROVED

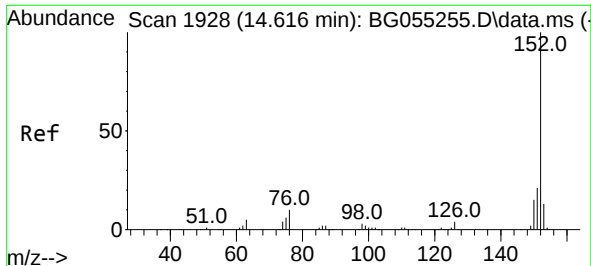
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 41.696 ng
RT: 13.963 min Scan# 1817
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion: 65 Resp: 72713
Ion Ratio Lower Upper
65 100
92 68.7 54.6 82.0
138 105.6 80.2 120.4





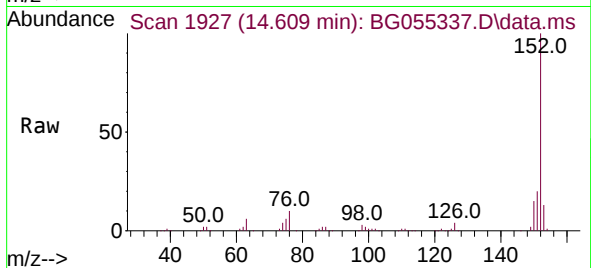
#49
Acenaphthylene
Concen: 44.782 ng
RT: 14.609 min Scan# 1928
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

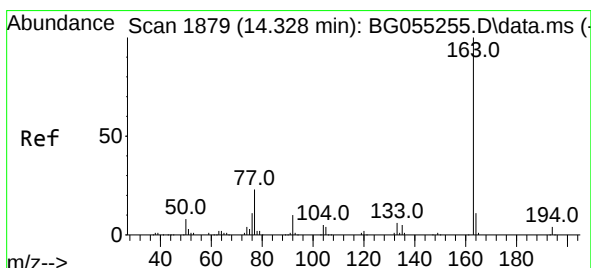
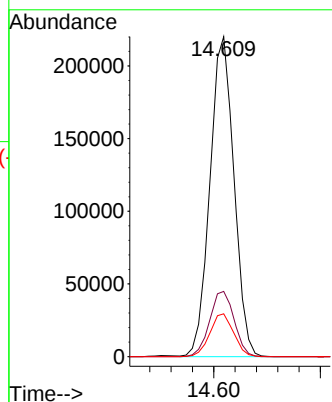
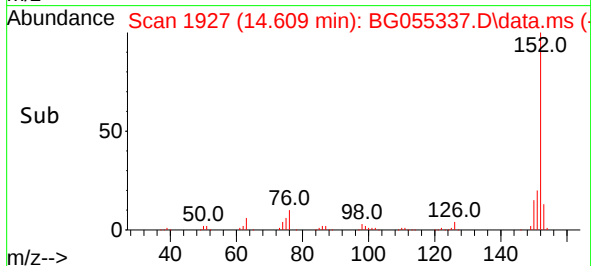


Tgt Ion:152 Resp: 344723
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.4 10.5 15.7

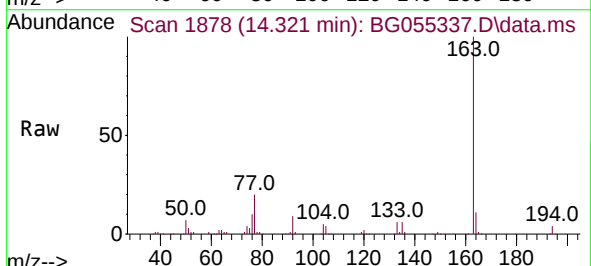
Manual Integrations

APPROVED

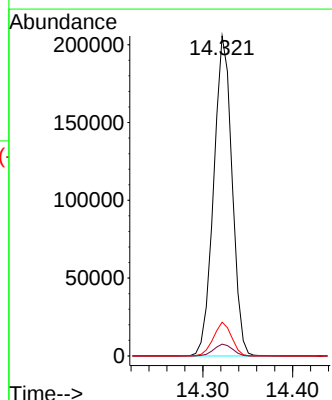
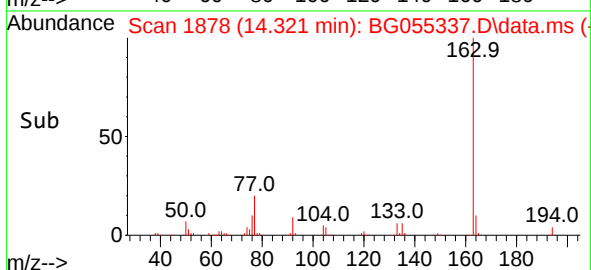
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

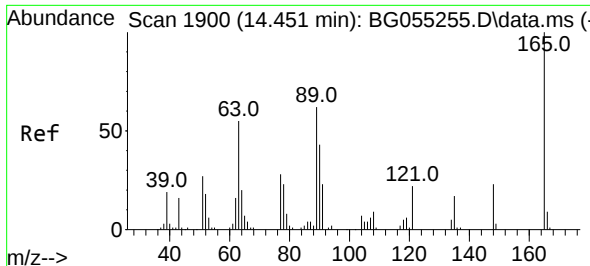


#50
Dimethylphthalate
Concen: 45.075 ng
RT: 14.321 min Scan# 1878
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:163 Resp: 291792
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 8.4 12.6





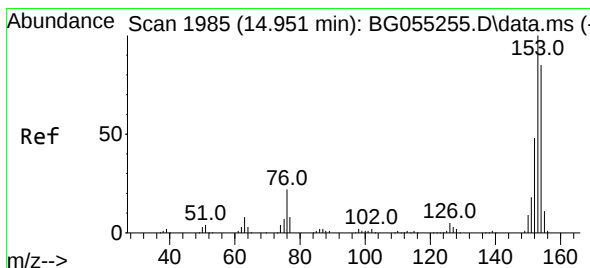
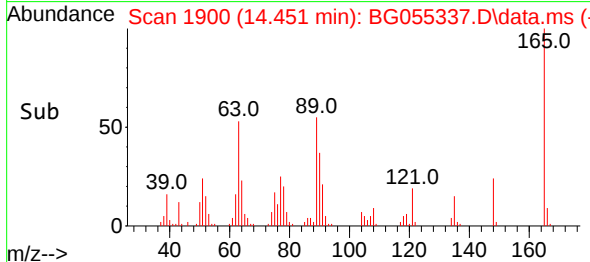
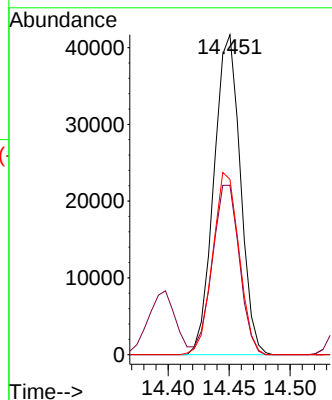
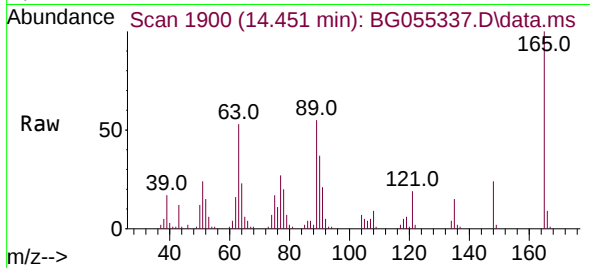
#51
2,6-Dinitrotoluene
Concen: 47.628 ng
RT: 14.451 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion:165 Resp: 62738
Ion Ratio Lower Upper
165 100
63 52.9 49.2 73.8
89 54.8 49.9 74.9

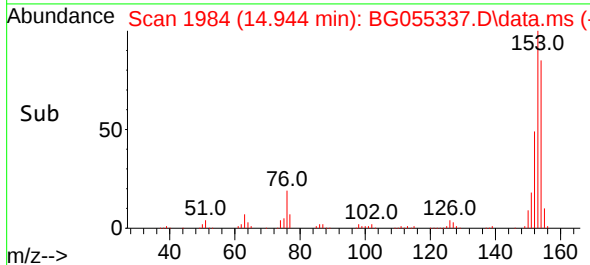
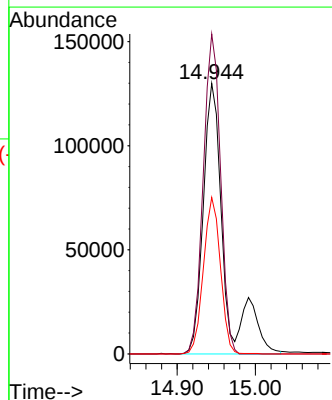
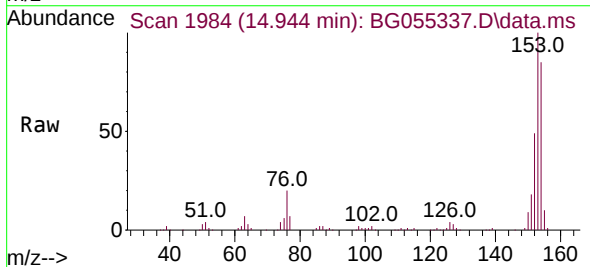
Manual Integrations
APPROVED

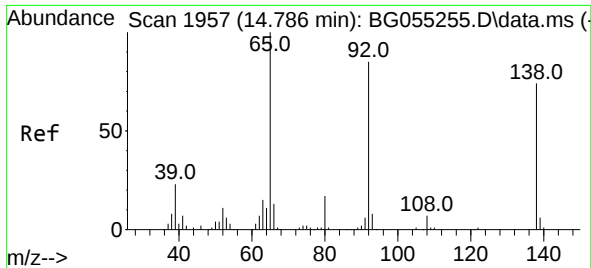
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 49.330 ng m
RT: 14.944 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

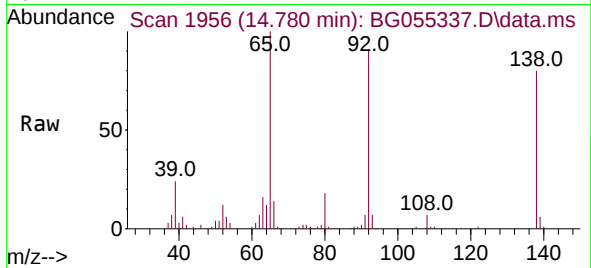
Tgt Ion:154 Resp: 242050
Ion Ratio Lower Upper
154 100
153 118.3 94.3 141.5
152 57.8 45.3 67.9





#53
3-Nitroaniline
Concen: 36.519 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

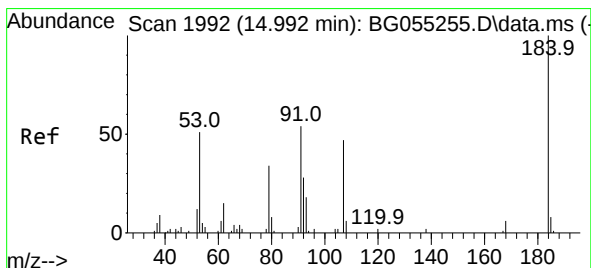
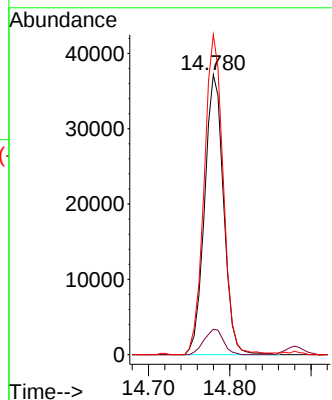
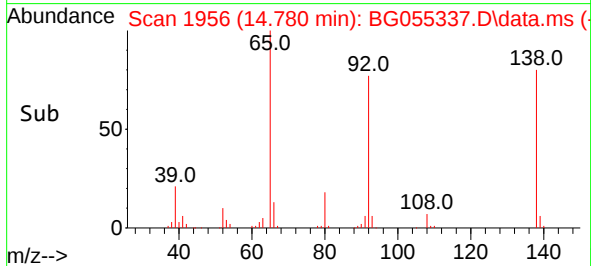
Instrument :
BNA_G
ClientSampleId :
PB148486BS



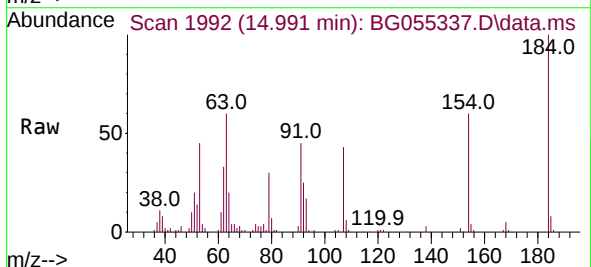
Tgt Ion:138 Resp: 60461
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 114.3 91.8 137.8

Manual Integrations
APPROVED

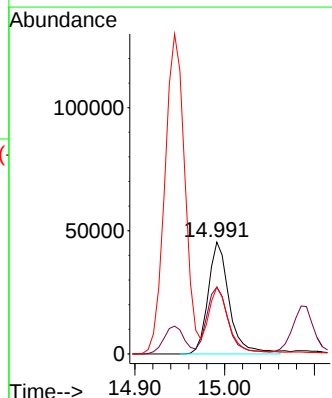
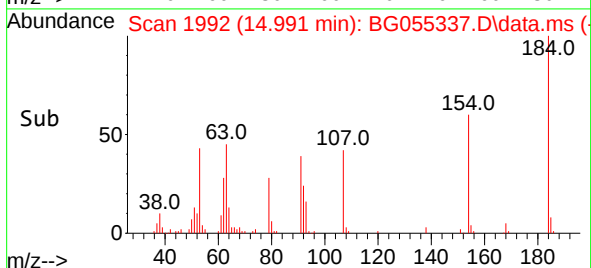
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

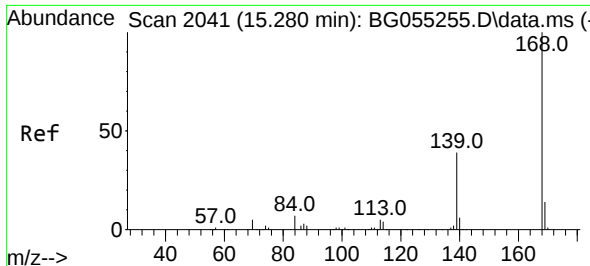


#54
2,4-Dinitrophenol
Concen: 95.450 ng
RT: 14.991 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



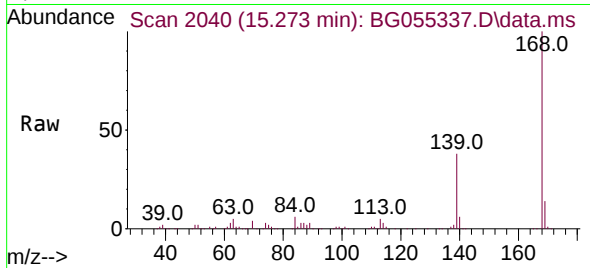
Tgt Ion:184 Resp: 74264
Ion Ratio Lower Upper
184 100
63 59.7 55.7 83.5
154 59.8 49.4 74.0





#55
Dibenzofuran
Concen: 45.273 ng
RT: 15.273 min Scan# 2041
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

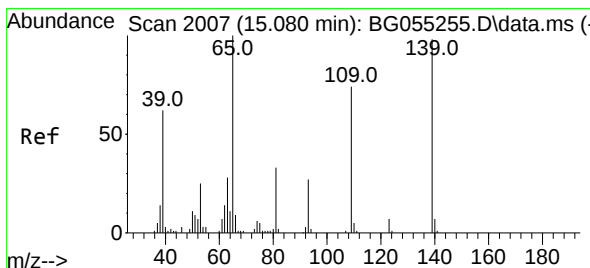
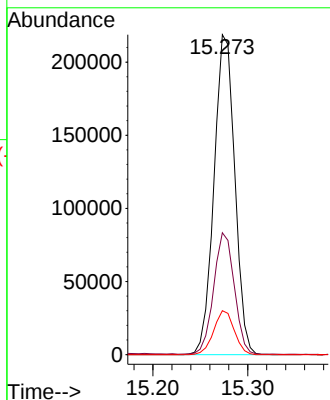
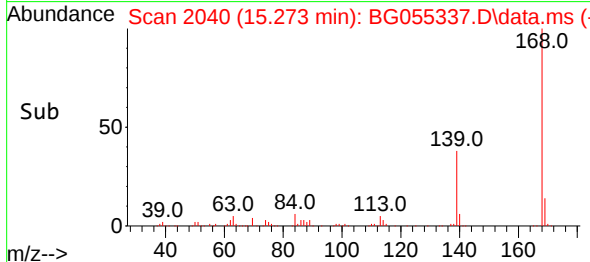
Instrument :
BNA_G
ClientSampleId :
PB148486BS



Tgt Ion:168 Resp: 333271
Ion Ratio Lower Upper
168 100
139 38.1 31.6 47.4
169 13.7 11.0 16.4

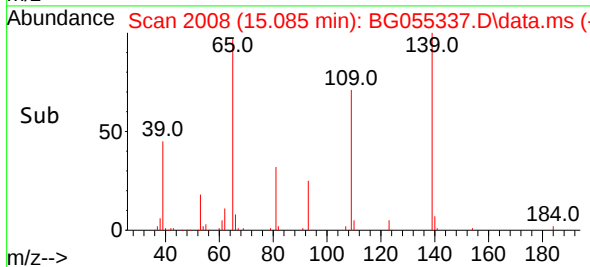
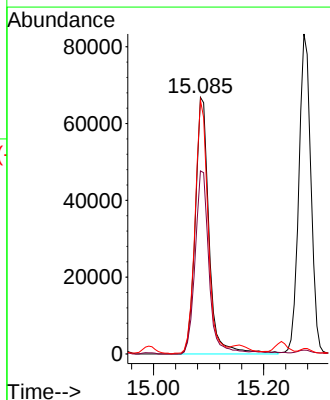
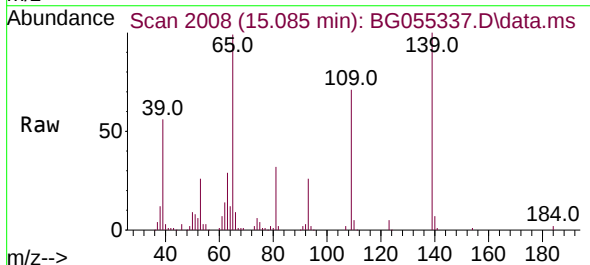
Manual Integrations
APPROVED

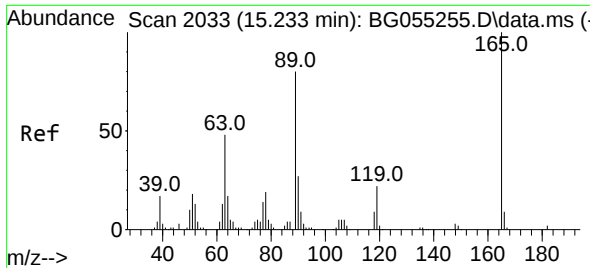
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 98.043 ng
RT: 15.085 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:139 Resp: 116099
Ion Ratio Lower Upper
139 100
109 71.3 55.4 95.4
65 99.0 81.6 121.6





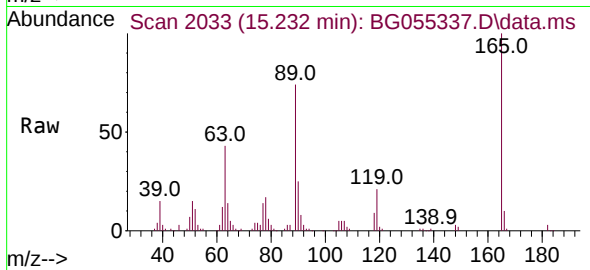
#57
2,4-Dinitrotoluene
Concen: 48.683 ng
RT: 15.232 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

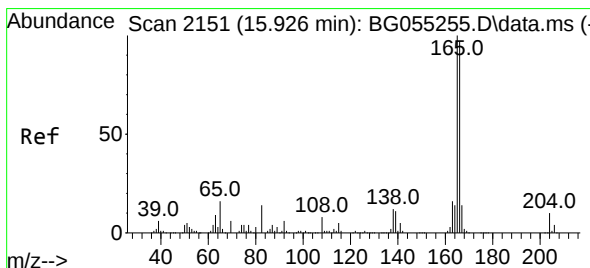
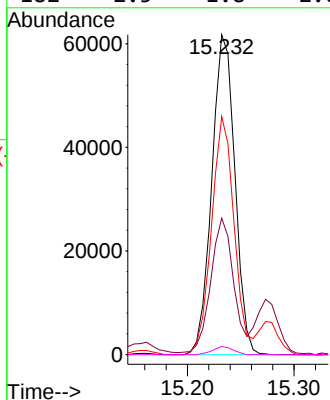
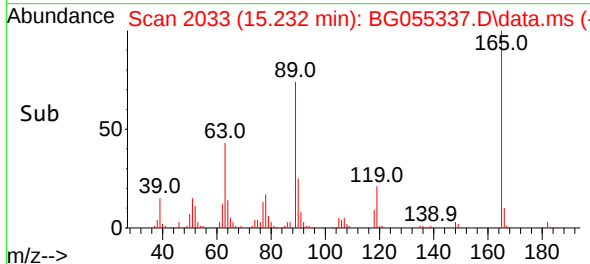


Tgt Ion:165 Resp: 93060
Ion Ratio Lower Upper
165 100
63 42.6 38.9 58.3
89 74.4 64.2 96.4
182 2.5 1.8 2.6

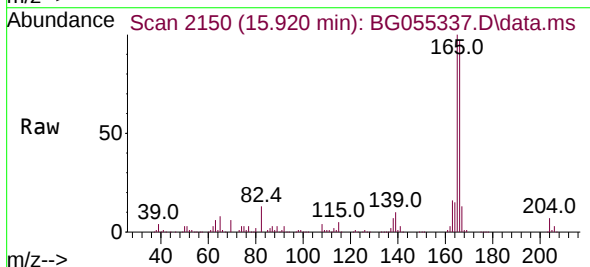
Manual Integrations

APPROVED

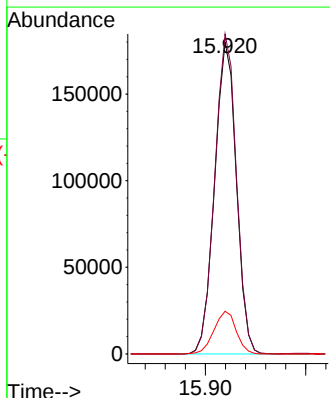
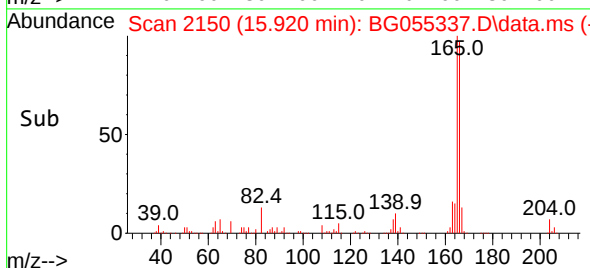
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

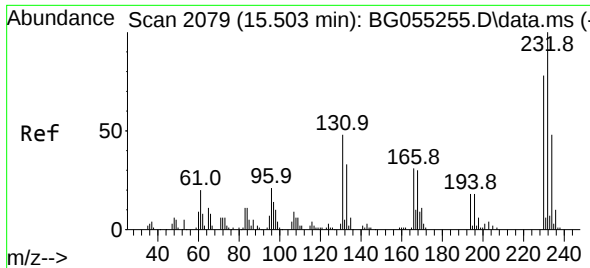


#58
Fluorene
Concen: 44.142 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:166 Resp: 270374
Ion Ratio Lower Upper
166 100
165 102.7 82.4 123.6
167 13.7 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.232 ng
RT: 15.496 min Scan# 2078
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

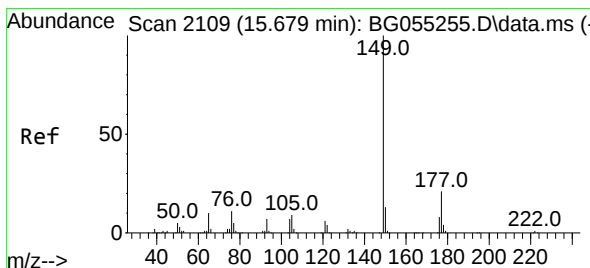
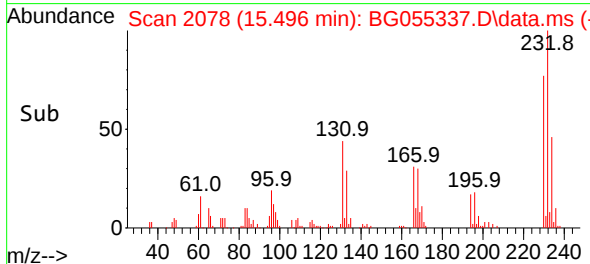
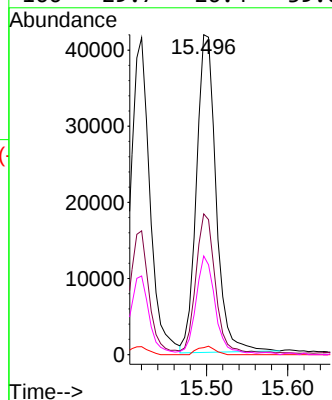
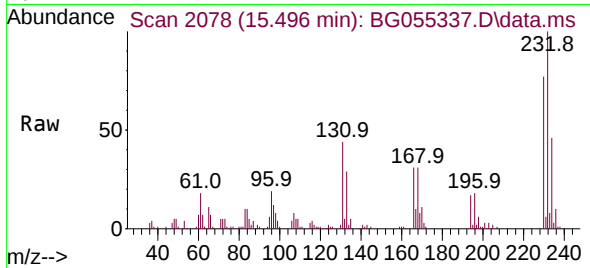
PB148486BS

Tgt Ion:232 Resp: 69853
Ion Ratio Lower Upper
232 100
131 45.8 39.6 59.4
130 2.4 2.1 3.1
166 29.7 26.4 39.6

Manual Integrations

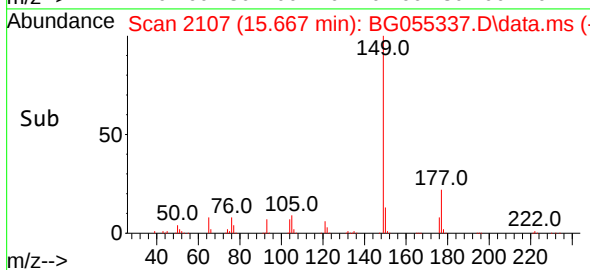
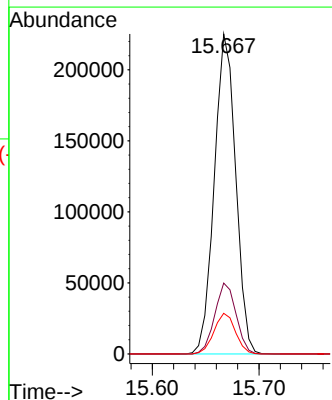
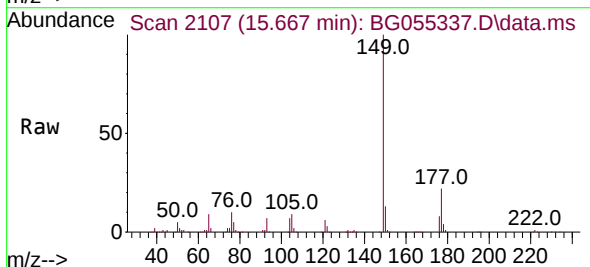
APPROVED

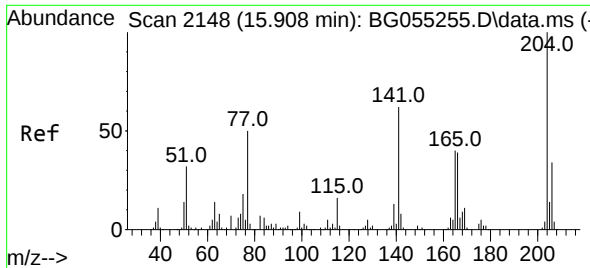
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#60
Diethylphthalate
Concen: 45.592 ng
RT: 15.667 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

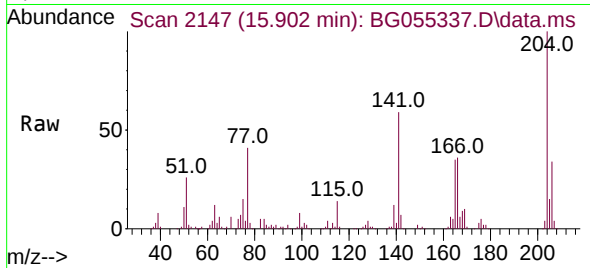
Tgt Ion:149 Resp: 313951
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.684 ng
RT: 15.902 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

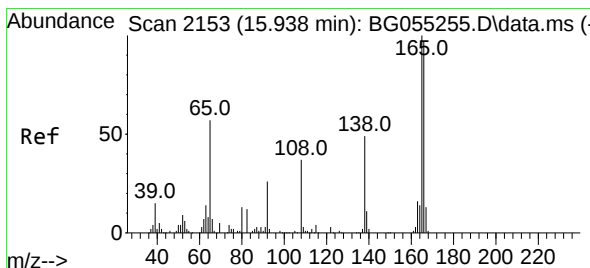
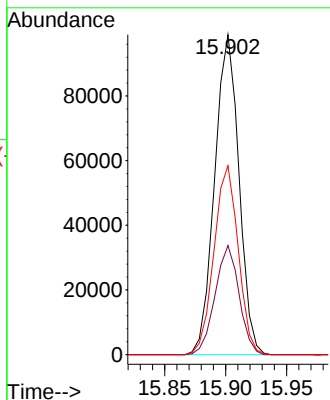
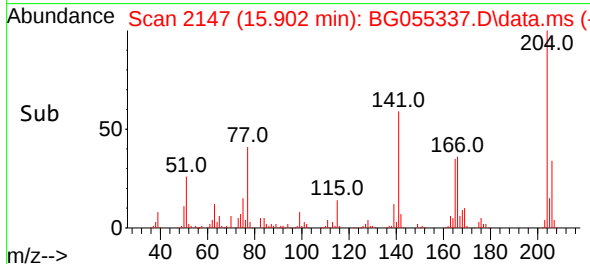
Instrument :
BNA_G
ClientSampleId :
PB148486BS



Tgt Ion:204 Resp: 137031
Ion Ratio Lower Upper
204 100
206 34.1 26.9 40.3
141 59.0 49.9 74.9

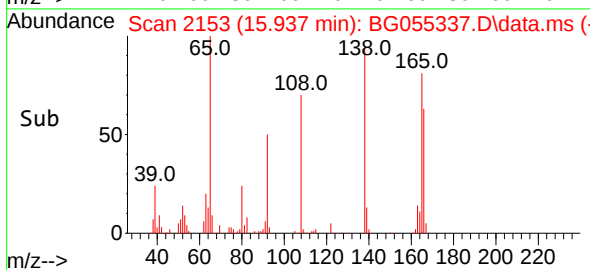
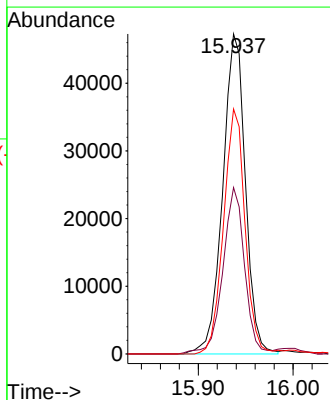
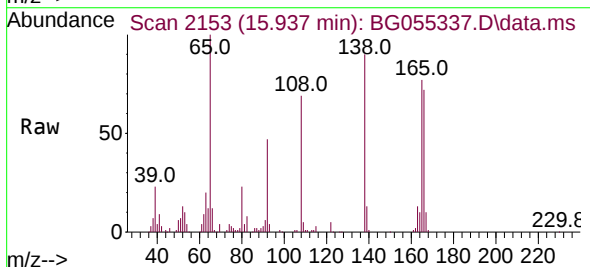
Manual Integrations
APPROVED

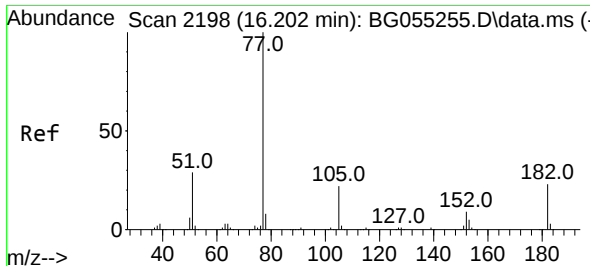
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 45.103 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:138 Resp: 78472
Ion Ratio Lower Upper
138 100
92 52.0 33.3 73.3
108 76.5 55.5 95.5





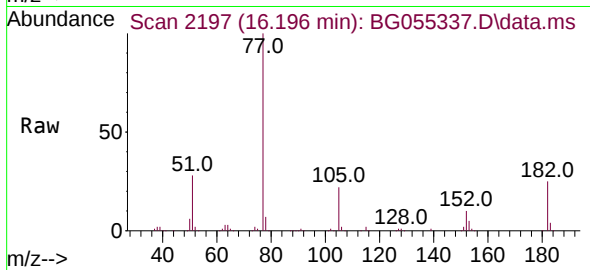
#63
Azobenzene
Concen: 41.344 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

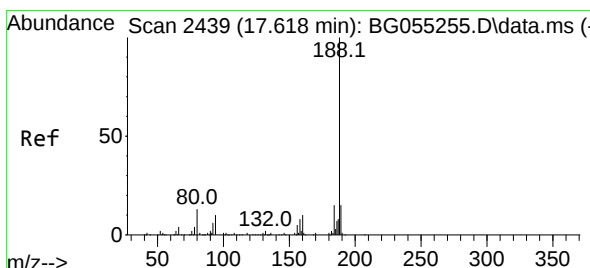
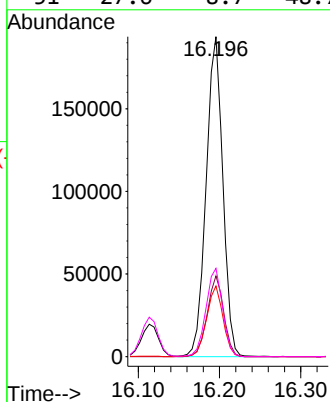
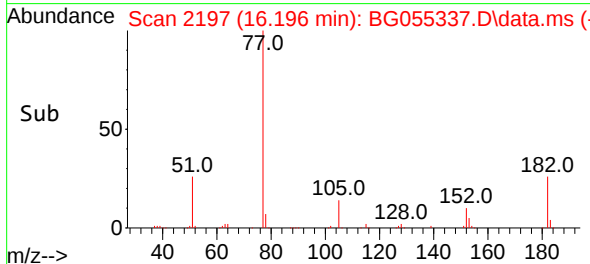


Tgt Ion: 77 Resp: 27735
Ion Ratio Lower Upper
77 100
182 25.2 2.5 42.5
105 22.1 1.6 41.6
51 27.6 8.7 48.7

Manual Integrations

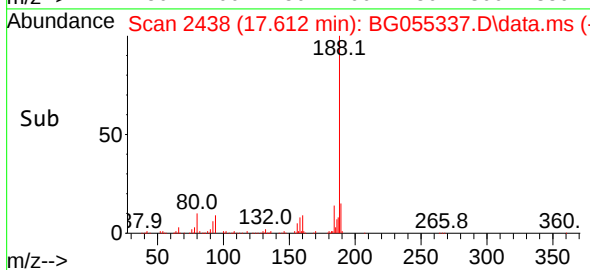
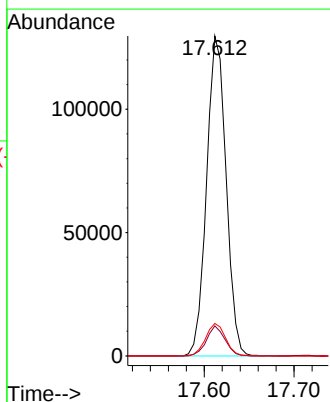
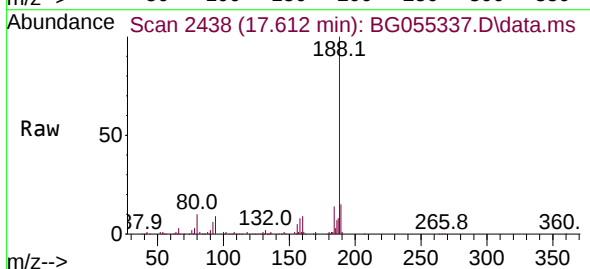
APPROVED

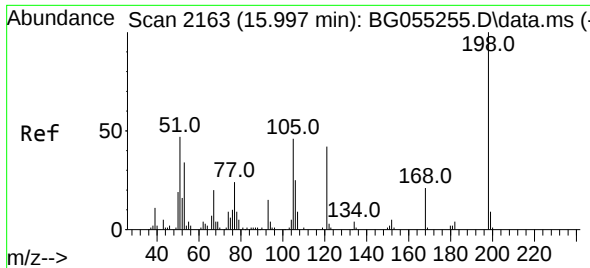
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:188 Resp: 196456
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.1 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 50.019 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

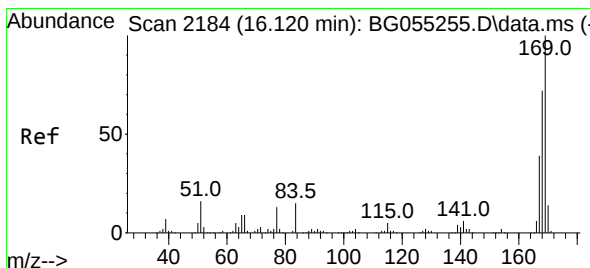
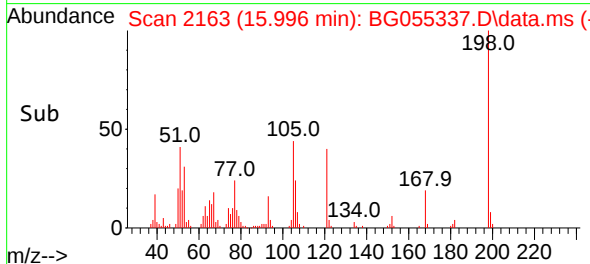
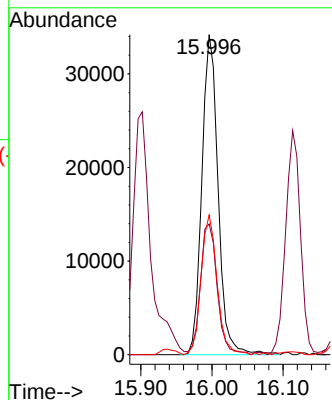
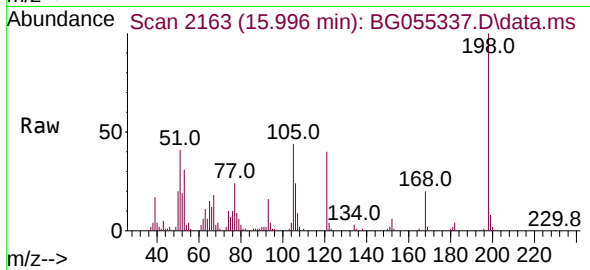
ClientSampleId :

PB148486BS

Tgt Ion:198 Resp: 54020
Ion Ratio Lower Upper
198 100
51 40.8 29.6 69.6
105 43.6 26.6 66.6

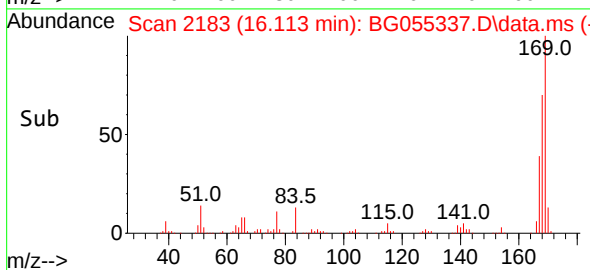
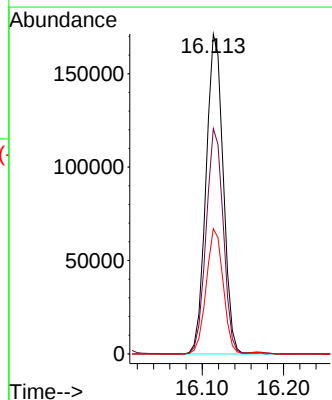
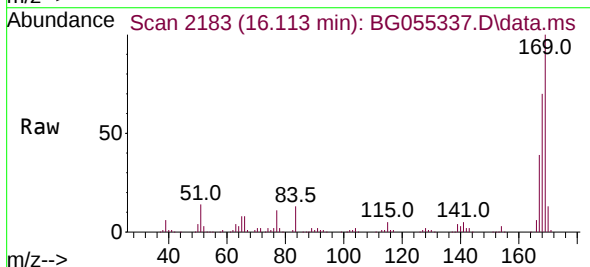
Manual Integrations
APPROVED

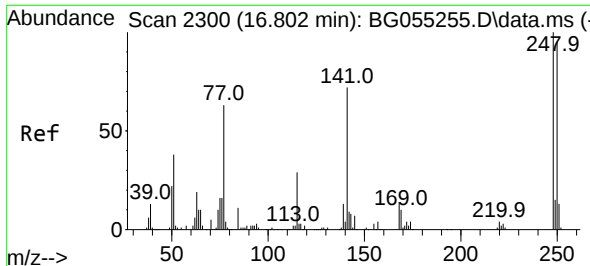
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 45.968 ng
RT: 16.113 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:169 Resp: 251359
Ion Ratio Lower Upper
169 100
168 70.4 57.5 86.3
167 39.1 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 48.876 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

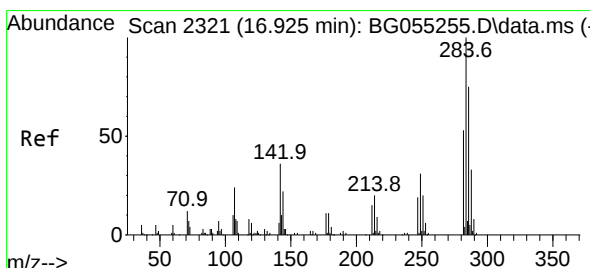
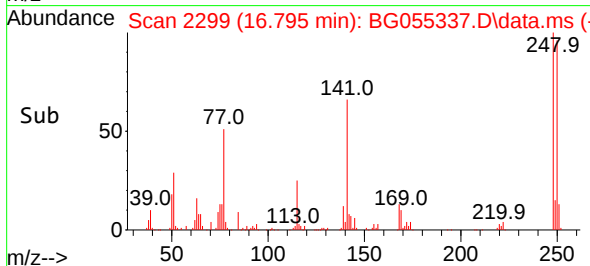
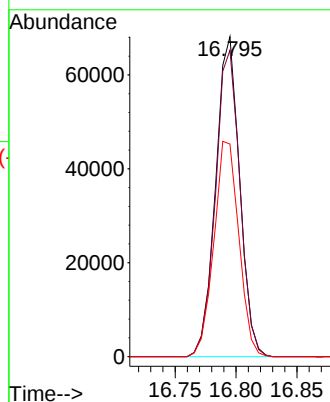
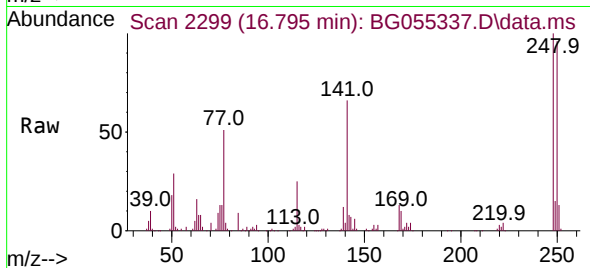
PB148486BS

Tgt Ion:248 Resp: 93288
Ion Ratio Lower Upper
248 100
250 95.7 76.0 114.0
141 66.4 58.0 87.0

Manual Integrations

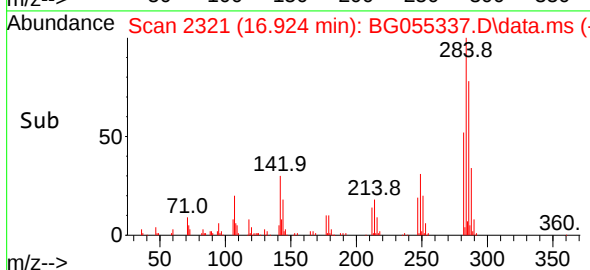
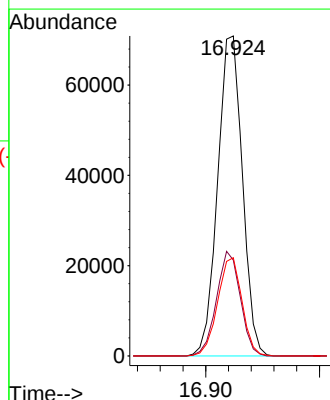
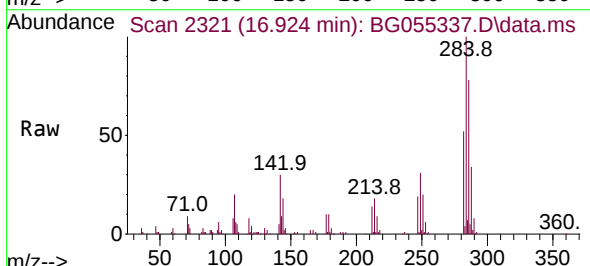
APPROVED

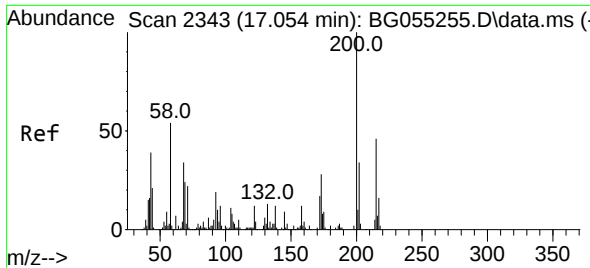
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#68
Hexachlorobenzene
Concen: 49.489 ng
RT: 16.924 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

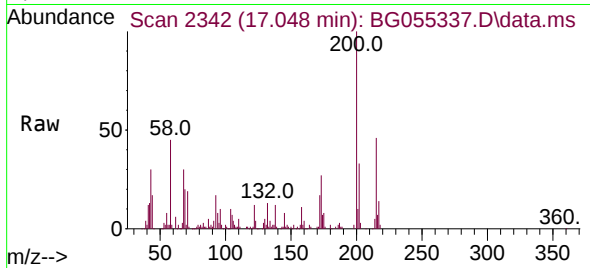
Tgt Ion:284 Resp: 106800
Ion Ratio Lower Upper
284 100
142 29.9 28.9 43.3
249 30.7 25.0 37.4





#69
 Atrazine
 Concen: 59.996 ng
 RT: 17.048 min Scan# 2342
 Delta R.T. -0.007 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44

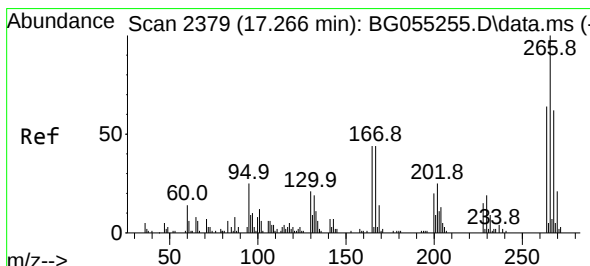
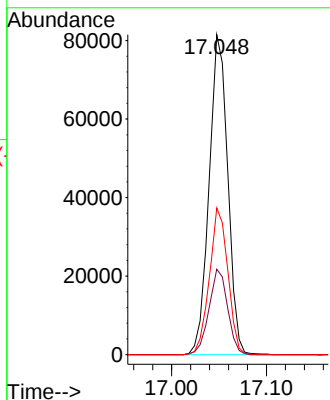
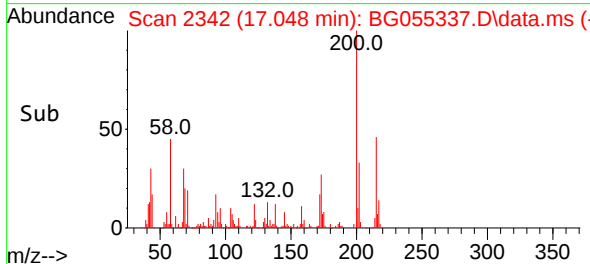
Instrument :
 BNA_G
 ClientSampleId :
 PB148486BS



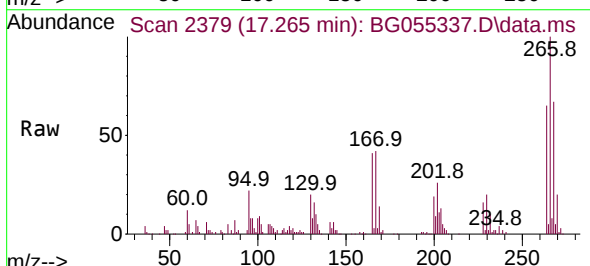
Tgt Ion:200 Resp: 11155
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.7 47.7
 215 45.8 26.1 66.1

Manual Integrations
 APPROVED

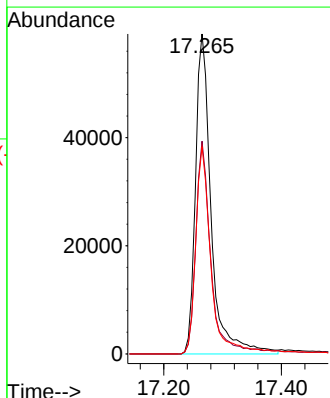
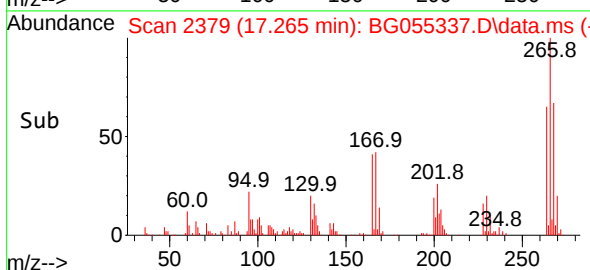
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

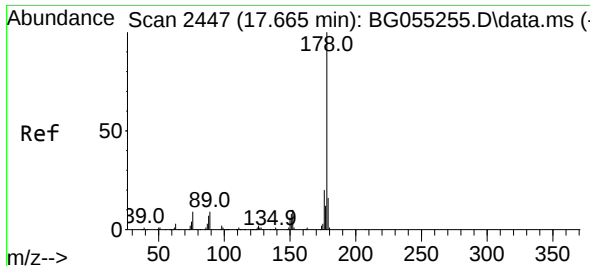


#70
 Pentachlorophenol
 Concen: 89.408 ng
 RT: 17.265 min Scan# 2379
 Delta R.T. -0.001 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44



Tgt Ion:266 Resp: 109380
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.2 79.8
 264 64.7 51.5 77.3





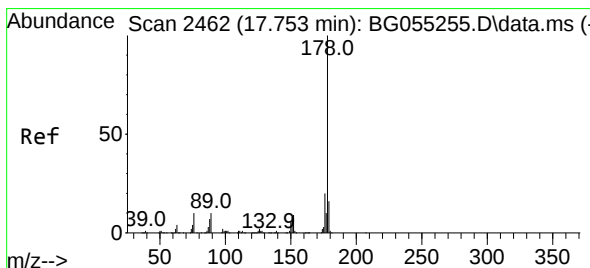
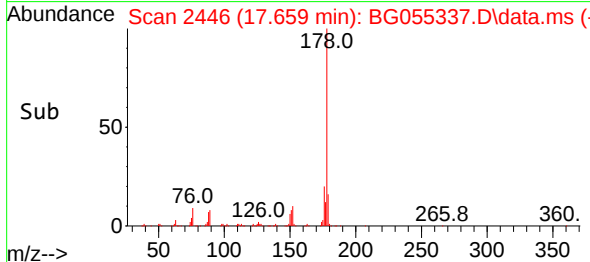
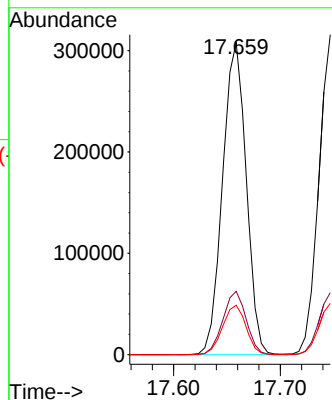
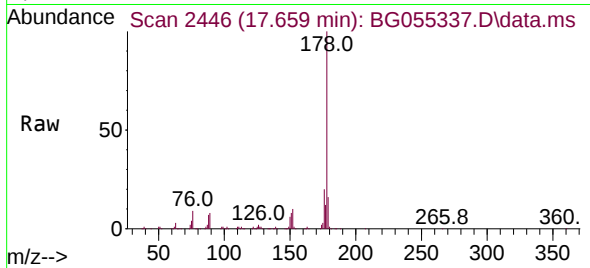
#71
Phenanthrene
Concen: 45.230 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Tgt Ion:178 Resp: 473883
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.8 12.6 19.0

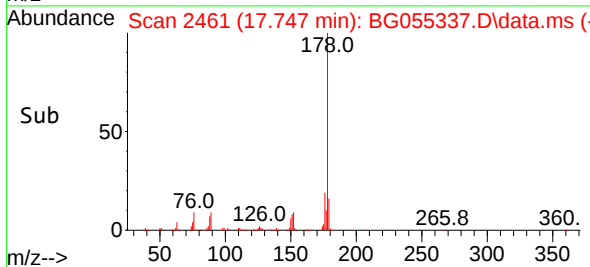
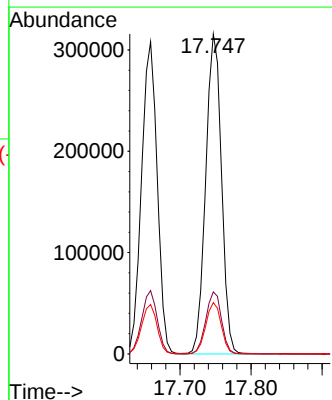
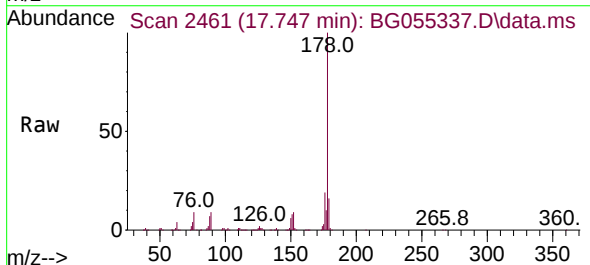
Manual Integrations
APPROVED

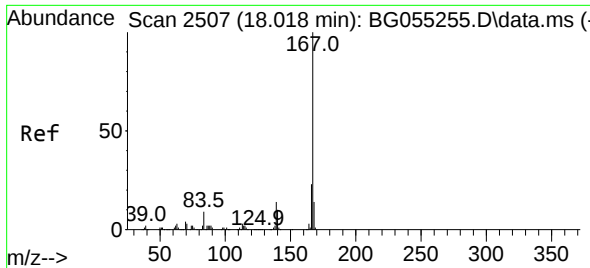
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 47.195 ng
RT: 17.747 min Scan# 2461
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

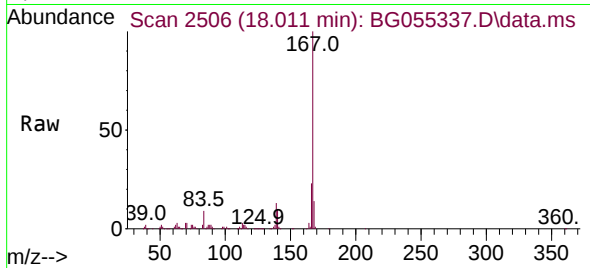
Tgt Ion:178 Resp: 483393
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 48.594 ng
 RT: 18.011 min Scan# 2506
 Delta R.T. -0.007 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44

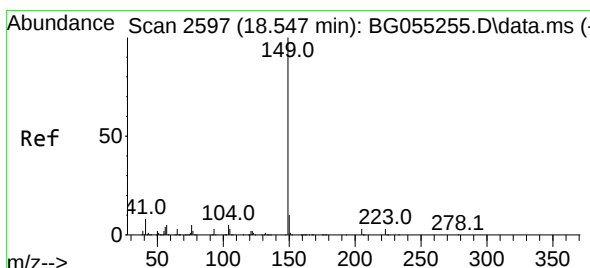
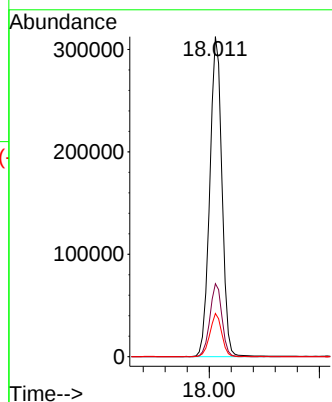
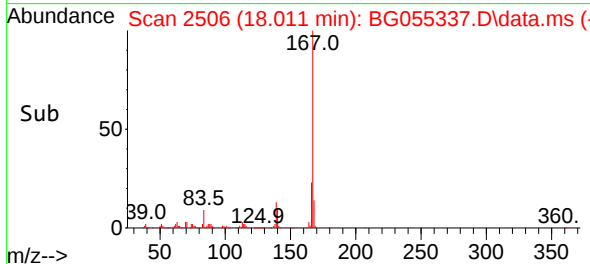
Instrument :
 BNA_G
 ClientSampleId :
 PB148486BS



Tgt Ion:167 Resp: 478723
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.6 27.8
 139 13.5 10.9 16.3

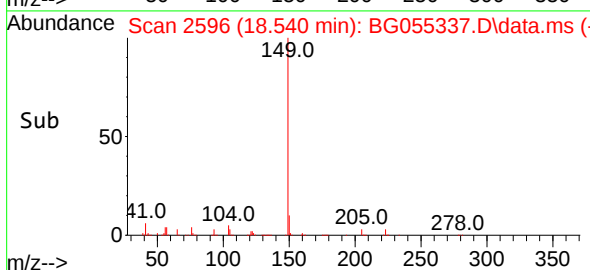
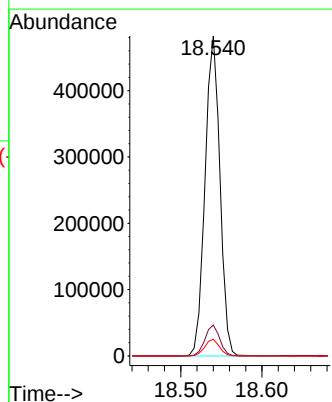
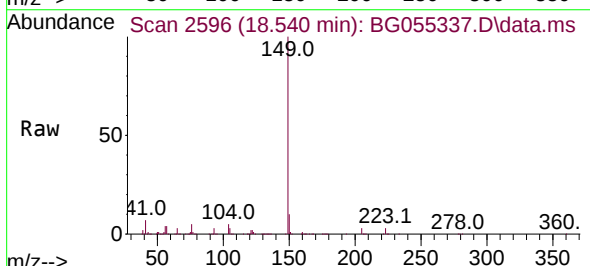
Manual Integrations
 APPROVED

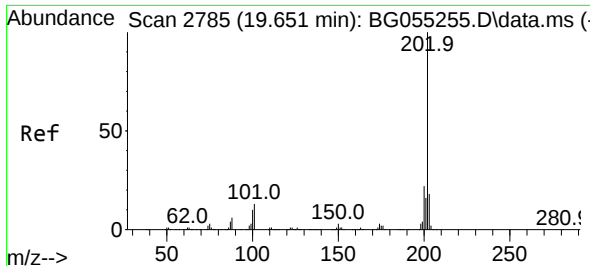
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#74
 Di-n-butylphthalate
 Concen: 49.919 ng
 RT: 18.540 min Scan# 2596
 Delta R.T. -0.007 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44

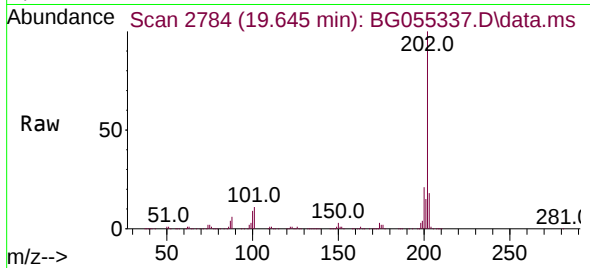
Tgt Ion:149 Resp: 614739
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 48.208 ng
RT: 19.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

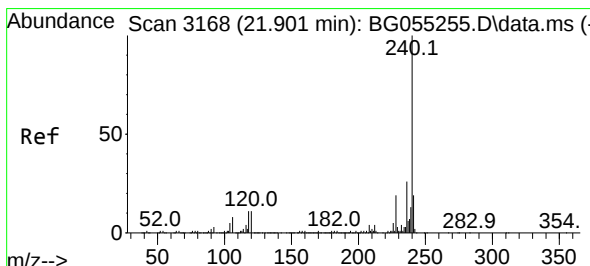
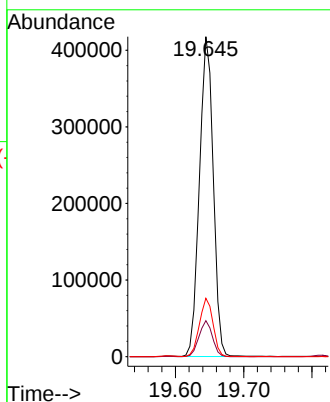
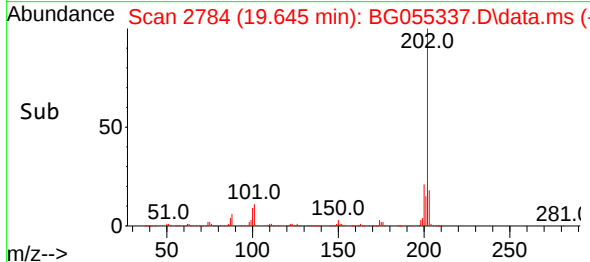
Instrument :
BNA_G
ClientSampleId :
PB148486BS



Tgt Ion:202 Resp: 588540
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.6
203 18.2 0.0 38.3

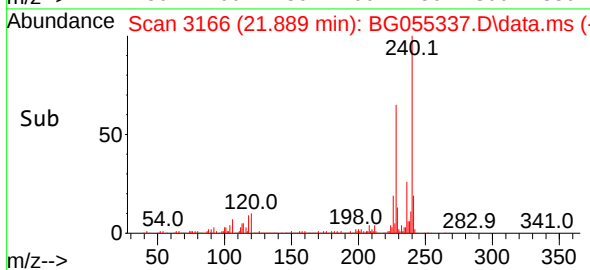
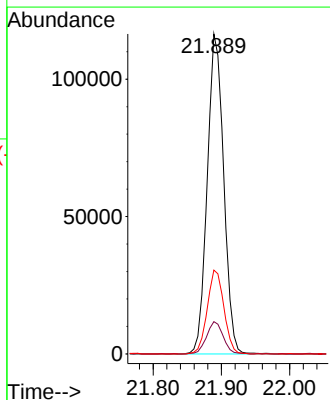
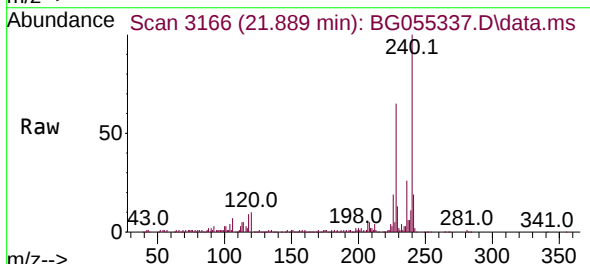
Manual Integrations
APPROVED

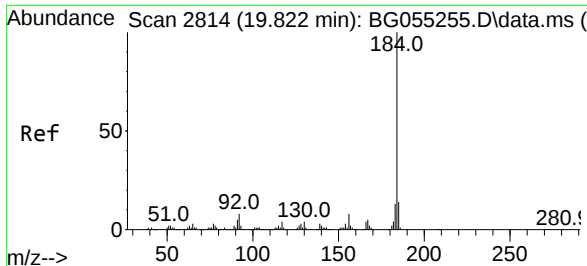
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

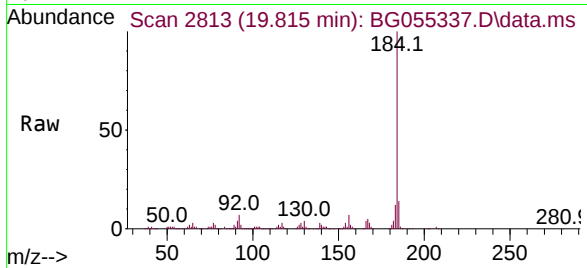
Tgt Ion:240 Resp: 194811
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.2 21.0 31.4





#77
Benzidine
Concen: 75.065 ng
RT: 19.815 min Scan# 2814
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

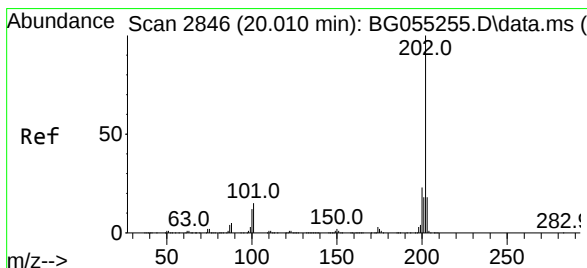
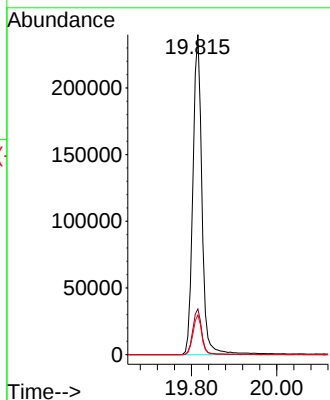
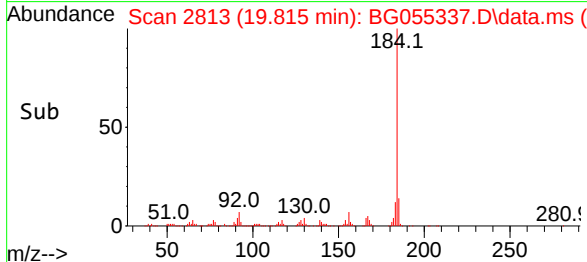
Instrument :
BNA_G
ClientSampleId :
PB148486BS



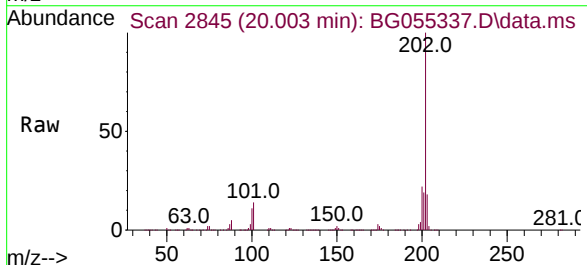
Tgt Ion:184 Resp: 354078
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.6
183 12.4 10.0 15.0

Manual Integrations
APPROVED

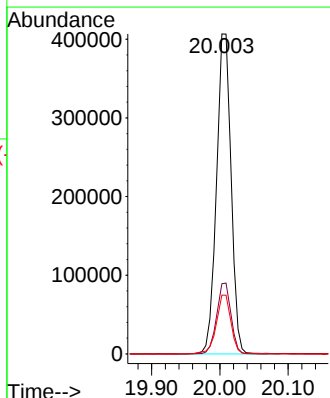
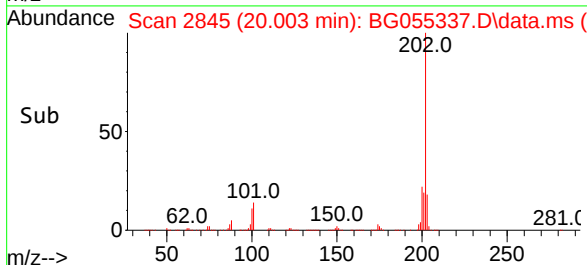
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

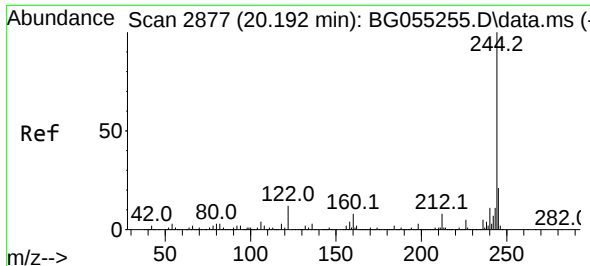


#78
Pyrene
Concen: 44.863 ng
RT: 20.003 min Scan# 2845
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:202 Resp: 599056
Ion Ratio Lower Upper
202 100
200 21.9 18.0 27.0
203 18.4 14.3 21.5





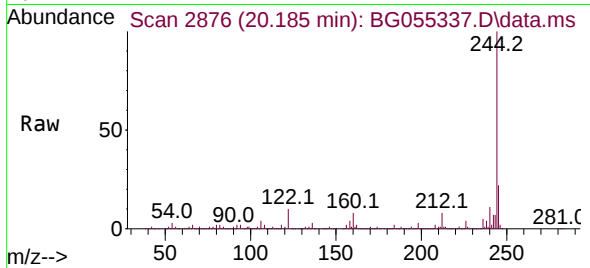
#79
 Terphenyl-d14
 Concen: 95.542 ng
 RT: 20.185 min Scan# 2877
 Delta R.T. -0.007 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

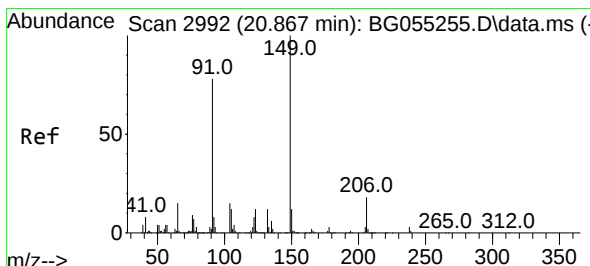
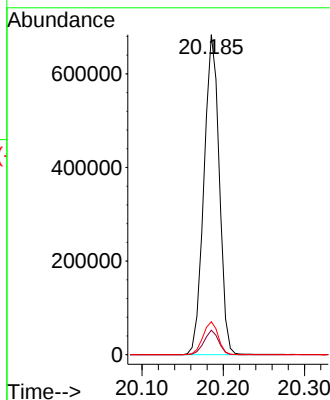
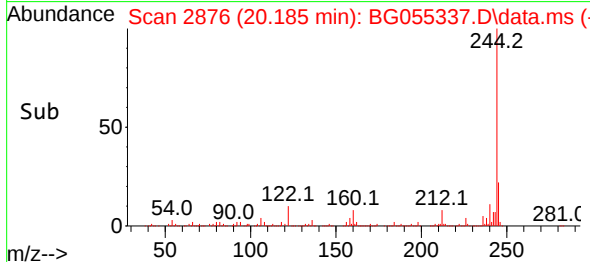


Tgt Ion:244 Resp: 895838
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.3 9.6 14.4

Manual Integrations

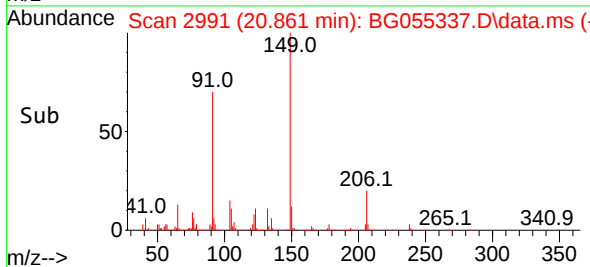
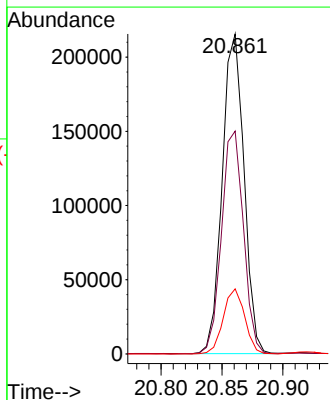
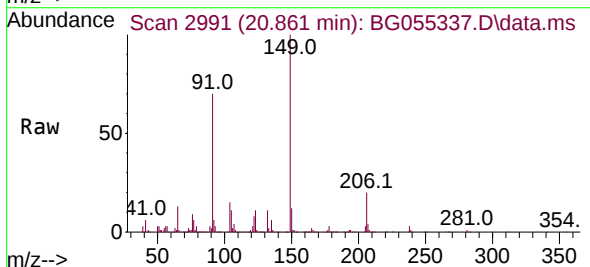
APPROVED

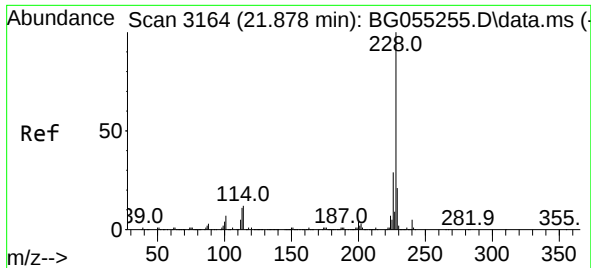
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 42.402 ng
 RT: 20.861 min Scan# 2991
 Delta R.T. -0.006 min
 Lab File: BG055337.D
 Acq: 28 Oct 2022 11:44

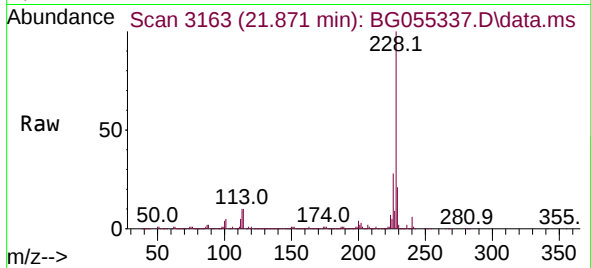
Tgt Ion:149 Resp: 267552
 Ion Ratio Lower Upper
 149 100
 91 69.6 62.2 93.4
 206 20.3 14.6 21.8





#81
Benzo(a)anthracene
Concen: 43.734 ng
RT: 21.871 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

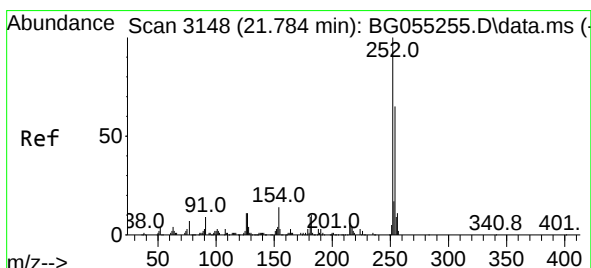
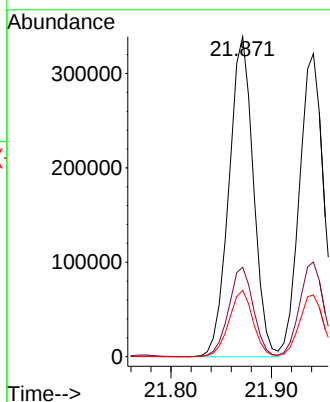
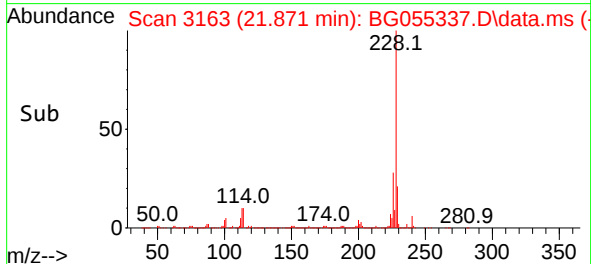
Instrument :
BNA_G
ClientSampleId :
PB148486BS



Tgt Ion:228 Resp: 572120
Ion Ratio Lower Upper
228 100
226 27.9 22.9 34.3
229 20.7 16.7 25.1

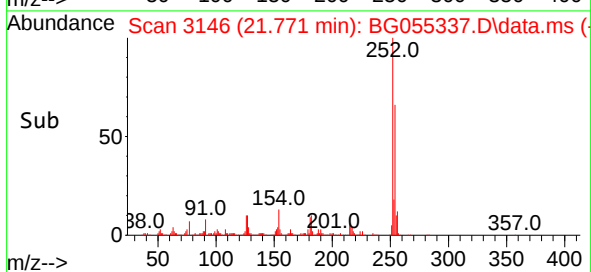
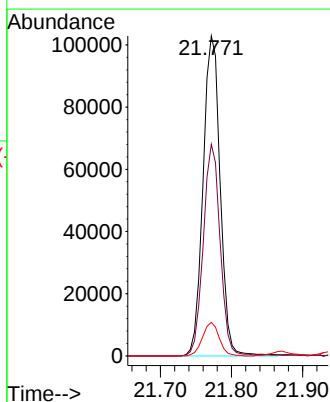
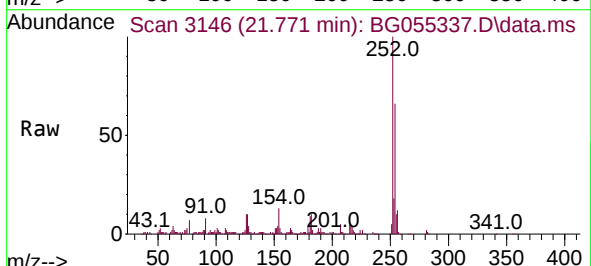
Manual Integrations
APPROVED

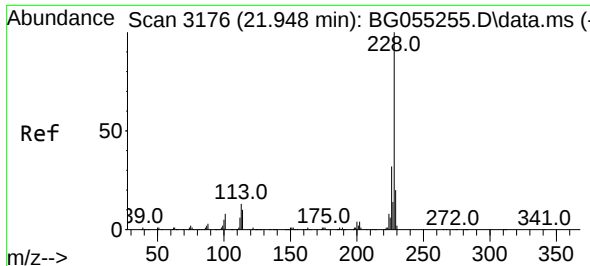
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 40.310 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

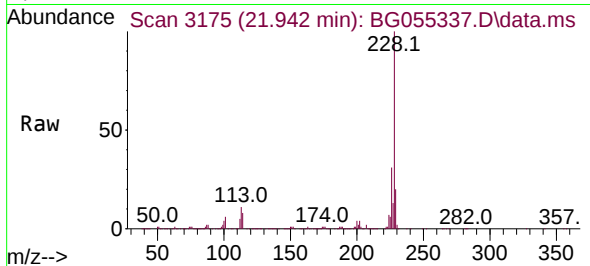
Tgt Ion:252 Resp: 171744
Ion Ratio Lower Upper
252 100
254 66.2 52.2 78.4
126 10.5 8.6 12.8





#83
Chrysene
Concen: 43.224 ng
RT: 21.942 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

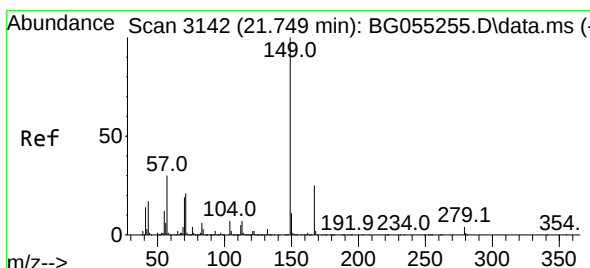
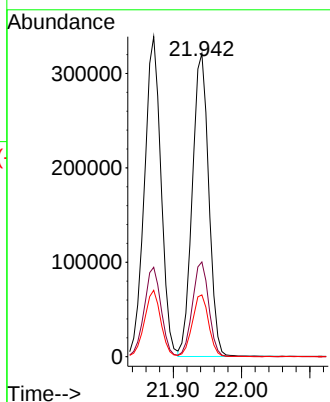
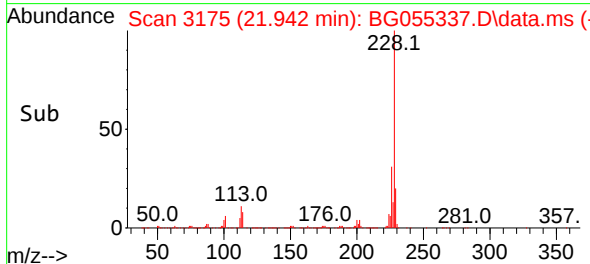
Instrument :
BNA_G
ClientSampleId :
PB148486BS



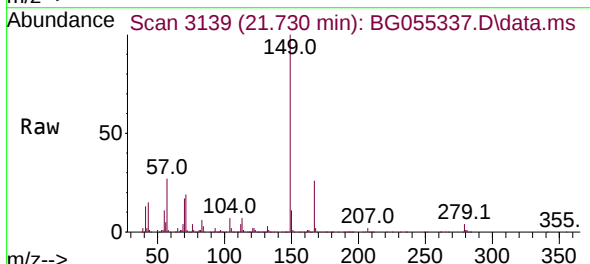
Tgt Ion:228 Resp: 537116
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 20.3 16.3 24.5

Manual Integrations
APPROVED

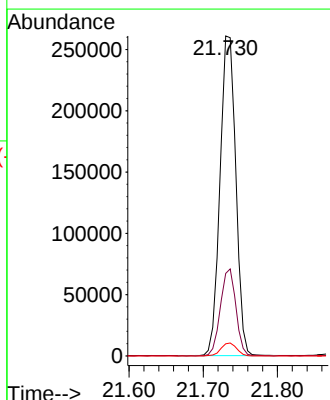
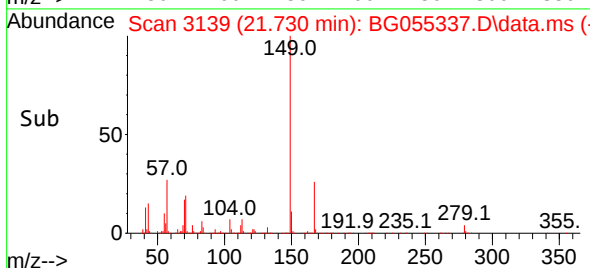
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

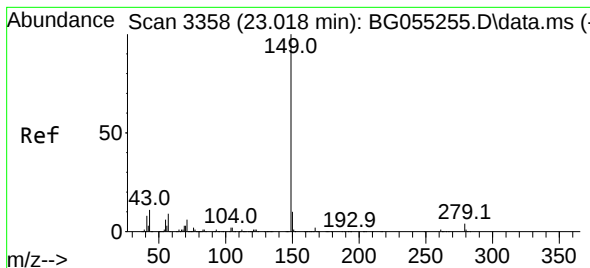


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.791 ng
RT: 21.730 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44



Tgt Ion:149 Resp: 385715
Ion Ratio Lower Upper
149 100
167 25.8 20.2 30.2
279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 43.465 ng

RT: 22.994 min Scan# 3354

Delta R.T. -0.024 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

Tgt Ion:149 Resp: 65271

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

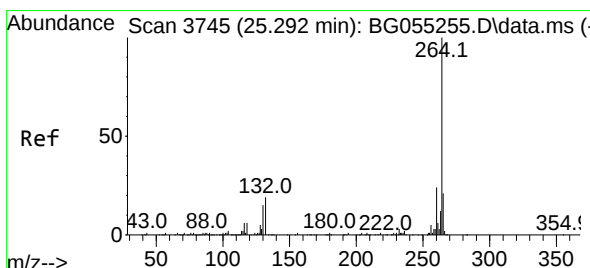
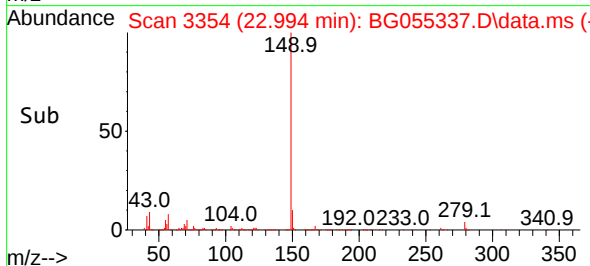
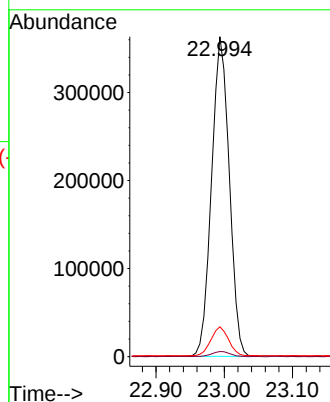
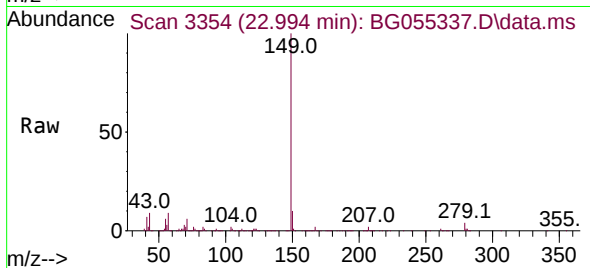
43 9.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.285 min Scan# 3744

Delta R.T. -0.007 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

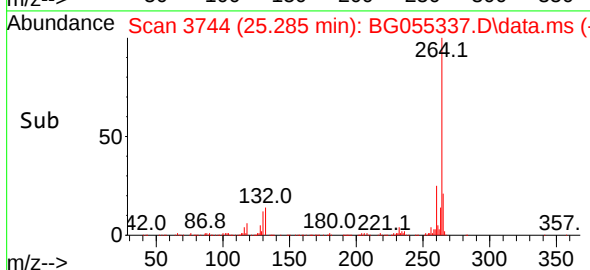
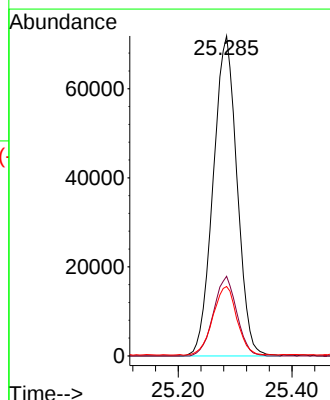
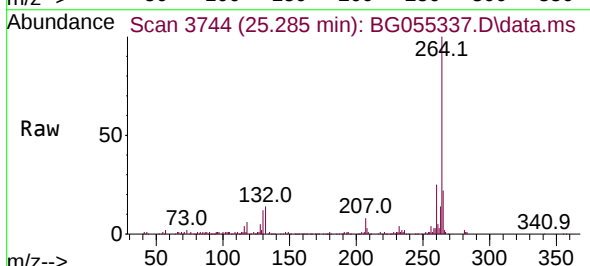
Tgt Ion:264 Resp: 208891

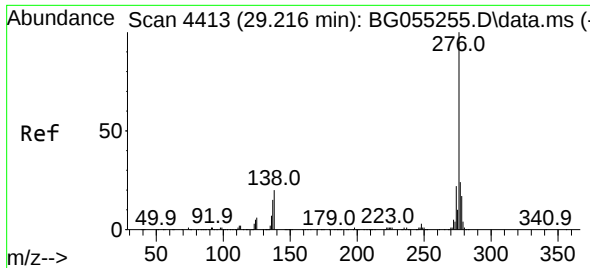
Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.617 ng
RT: 29.204 min Scan# 4411
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

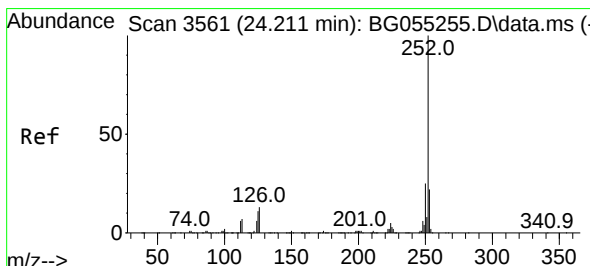
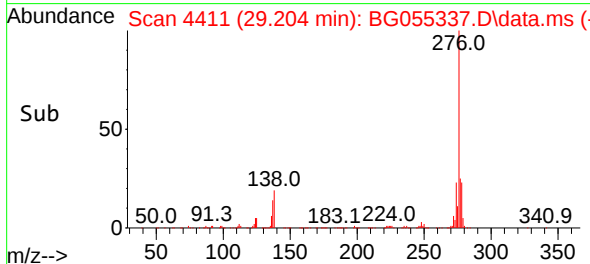
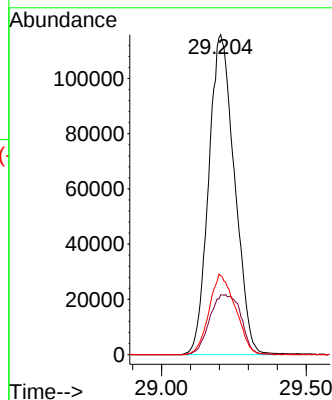
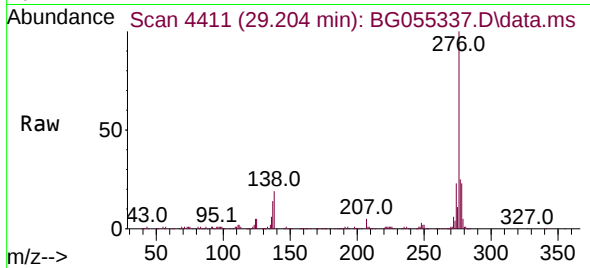
PB148486BS

Tgt Ion:276 Resp: 719219
Ion Ratio Lower Upper
276 100
138 0.0 13.9 20.9
277 25.6 20.3 30.5

Manual Integrations

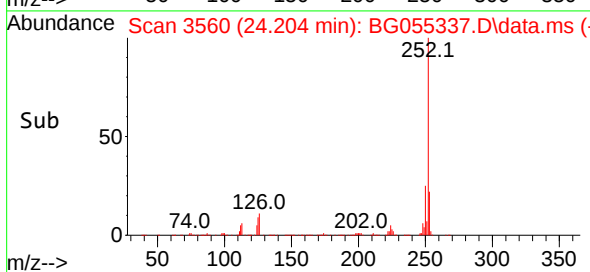
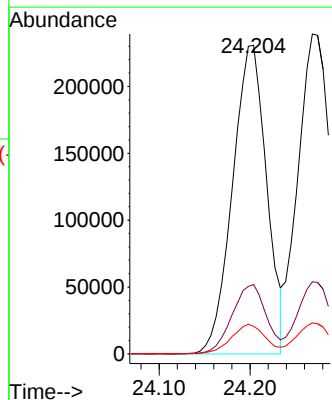
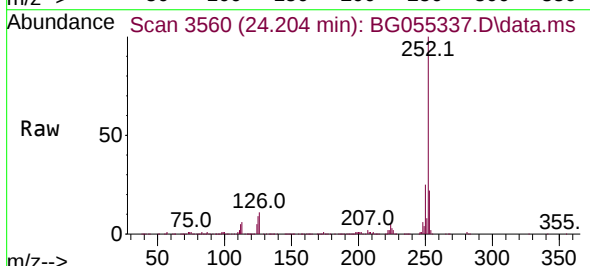
APPROVED

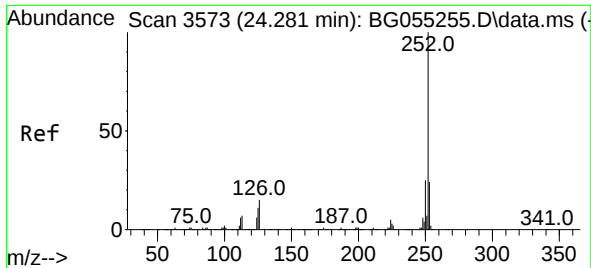
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 47.899 ng m
RT: 24.204 min Scan# 3560
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:252 Resp: 601865
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.0 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 47.288 ng
RT: 24.269 min Scan# 3573
Delta R.T. -0.012 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

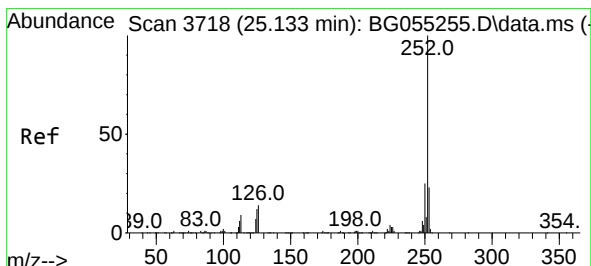
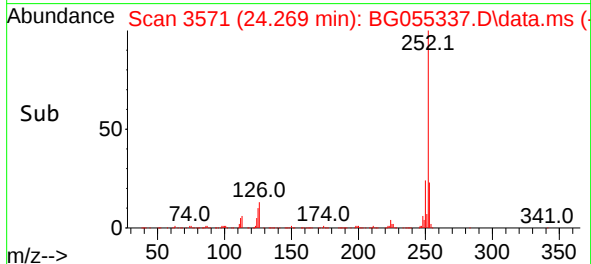
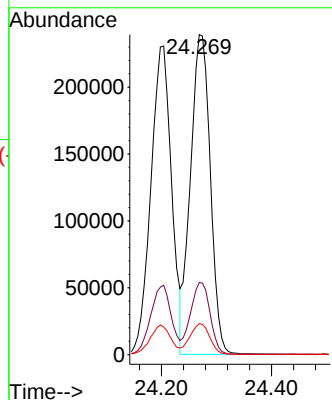
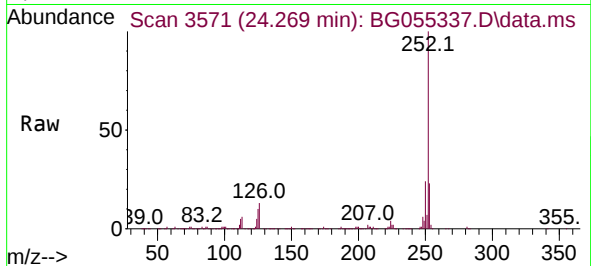
ClientSampleId :

PB148486BS

Tgt Ion:252 Resp: 599982
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 9.7 9.1 13.7

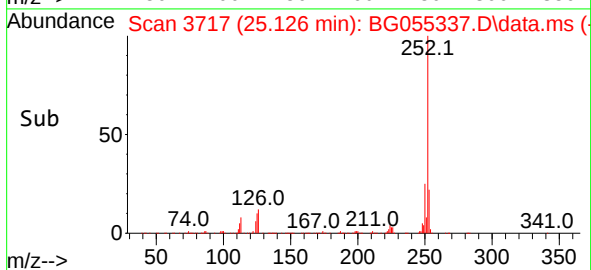
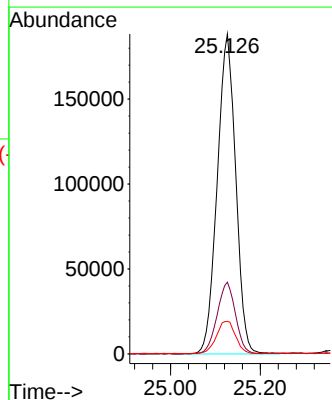
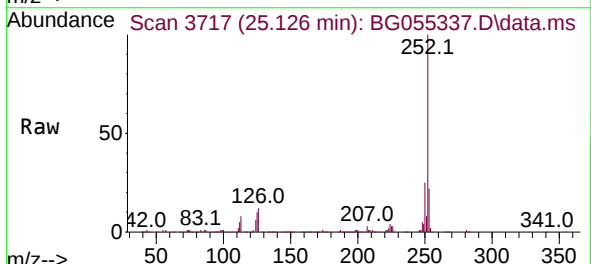
Manual Integrations
APPROVED

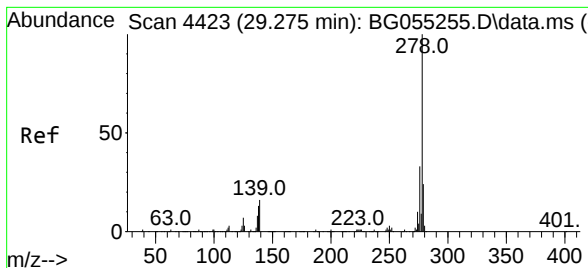
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 50.000 ng
RT: 25.126 min Scan# 3717
Delta R.T. -0.007 min
Lab File: BG055337.D
Acq: 28 Oct 2022 11:44

Tgt Ion:252 Resp: 538760
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 49.584 ng

RT: 29.257 min Scan# 4423

Delta R.T. -0.018 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB148486BS

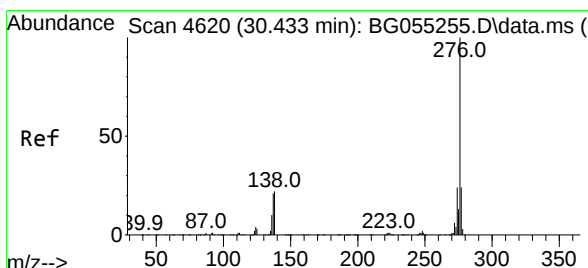
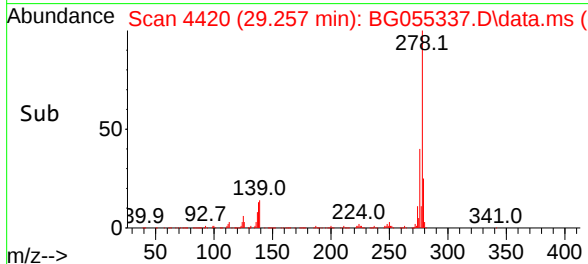
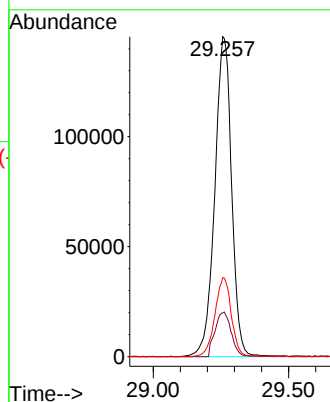
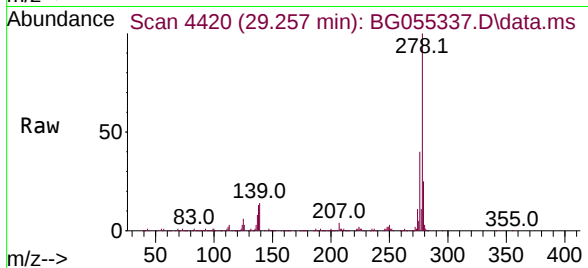
Tgt Ion:278 Resp: 627793
 Ion Ratio Lower Upper
 278 100
 139 13.7 12.9 19.3
 279 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#92

Benzo(g,h,i)perylene

Concen: 49.135 ng

RT: 30.438 min Scan# 4621

Delta R.T. 0.005 min

Lab File: BG055337.D

Acq: 28 Oct 2022 11:44

Tgt Ion:276 Resp: 617051
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.1 28.7
 138 18.9 17.2 25.8

