

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054428.D
 Acq On : 28 Jul 2022 12:09
 Operator : CG/JU
 Sample : PB146489BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:08:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	16369	20.000	ng	# 0.00
21) Naphthalene-d8	10.796	136	61501	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	51251	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	139936	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	150301	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	157351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	109581	139.772	ng	0.00
7) Phenol-d6	7.171	99	143717	133.781	ng	0.00
23) Nitrobenzene-d5	9.151	82	92386	81.805	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	133637	124.189	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	283828	78.124	ng	0.00
79) Terphenyl-d14	19.980	244	686007	90.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	9293	29.794	ng	94
3) Pyridine	3.810	79	26073	32.952	ng	92
4) n-Nitrosodimethylamine	3.728	42	19231	43.467	ng	82
6) Aniline	7.306	93	53244	42.938	ng	99
8) 2-Chlorophenol	7.559	128	43064	47.797	ng	89
9) Benzaldehyde	7.118	77	21028m	37.833	ng	
10) Phenol	7.200	94	51376	48.134	ng	96
11) bis(2-Chloroethyl)ether	7.400	93	35296	45.355	ng	91
12) 1,3-Dichlorobenzene	7.876	146	47083	42.890	ng	91
13) 1,4-Dichlorobenzene	8.023	146	47550	41.944	ng	97
14) 1,2-Dichlorobenzene	8.340	146	46197	43.214	ng	98
15) Benzyl Alcohol	8.229	79	41712	47.209	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.511	45	45632	46.558	ng	90
17) 2-Methylphenol	8.446	107	36145	46.984	ng	95
18) Hexachloroethane	9.069	117	16222	43.216	ng	# 71
19) n-Nitroso-di-n-propyla...	8.793	70	31085	43.332	ng	# 91
20) 3+4-Methylphenols	8.775	107	49430	45.602	ng	97
22) Acetophenone	8.810	105	64369	43.517	ng	# 96
24) Nitrobenzene	9.192	77	46764	42.370	ng	# 85
25) Isophorone	9.715	82	89190	45.410	ng	# 95
26) 2-Nitrophenol	9.909	139	25293	45.464	ng	# 87
27) 2,4-Dimethylphenol	9.974	122	40299	52.436	ng	92
28) bis(2-Chloroethoxy)met...	10.197	93	48906	49.369	ng	# 98
29) 2,4-Dichlorophenol	10.461	162	52469	45.230	ng	90
30) 1,2,4-Trichlorobenzene	10.661	180	59355	41.314	ng	94
31) Naphthalene	10.849	128	129154	41.835	ng	100
32) Benzoic acid	10.138	122	11941m	40.560	ng	
33) 4-Chloroaniline	10.955	127	53587	42.683	ng	# 92
34) Hexachlorobutadiene	11.131	225	50516	39.786	ng	99
35) Caprolactam	11.736	113	14296m	48.944	ng	
36) 4-Chloro-3-methylphenol	12.101	107	50505	47.857	ng	# 85
37) 2-Methylnaphthalene	12.453	142	100374	42.338	ng	98
38) 1-Methylnaphthalene	12.671	142	95117	41.174	ng	98
40) 1,2,4,5-Tetrachloroben...	12.823	216	90539	40.322	ng	# 95
41) Hexachlorocyclopentadiene	12.800	237	42166	60.179	ng	96
43) 2,4,6-Trichlorophenol	13.070	196	51942	42.485	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054428.D
 Acq On : 28 Jul 2022 12:09
 Operator : CG/JU
 Sample : PB146489BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:08:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	56686	41.035	ng	# 91
46) 1,1'-Biphenyl	13.458	154	146126	41.676	ng	97
47) 2-Chloronaphthalene	13.505	162	121673	41.466	ng	97
48) 2-Nitroaniline	13.705	65	34101	44.530	ng	# 88
49) Acenaphthylene	14.351	152	182905	41.950	ng	99
50) Dimethylphthalate	14.075	163	168812	42.169	ng	98
51) 2,6-Dinitrotoluene	14.198	165	38608	43.970	ng	# 76
52) Acenaphthene	14.686	154	108809	41.212	ng	99
53) 3-Nitroaniline	14.533	138	29160	39.708	ng	92
54) 2,4-Dinitrophenol	14.756	184	38941	76.704	ng	# 81
55) Dibenzofuran	15.027	168	195506	41.617	ng	94
56) 4-Nitrophenol	14.880	139	40712	83.095	ng	92
57) 2,4-Dinitrotoluene	14.997	165	57321	45.537	ng	# 85
58) Fluorene	15.673	166	163636	42.366	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.262	232	54048	40.187	ng	# 87
60) Diethylphthalate	15.438	149	165237	43.027	ng	96
61) 4-Chlorophenyl-phenyle...	15.655	204	107802	42.519	ng	90
62) 4-Nitroaniline	15.696	138	33762	43.760	ng	90
63) Azobenzene	15.955	77	120007	43.249	ng	83
65) 4,6-Dinitro-2-methylph...	15.767	198	33755	39.044	ng	79
66) n-Nitrosodiphenylamine	15.873	169	151235	43.287	ng	96
67) 4-Bromophenyl-phenylether	16.554	248	82241	41.846	ng	# 90
68) Hexachlorobenzene	16.683	284	95470	42.478	ng	# 91
69) Atrazine	16.824	200	77020	49.540	ng	93
70) Pentachlorophenol	17.036	266	65262	67.564	ng	98
71) Phenanthrene	17.412	178	292335	41.950	ng	98
72) Anthracene	17.506	178	298149	43.598	ng	98
73) Carbazole	17.776	167	255283	45.343	ng	98
74) Di-n-butylphthalate	18.323	149	292441	44.016	ng	98
75) Fluoranthene	19.427	202	391296	41.191	ng	96
77) Benzidine	19.598	184	193691	71.156	ng	98
78) Pyrene	19.786	202	392614	45.525	ng	98
80) Butylbenzylphthalate	20.661	149	121188	45.092	ng	# 85
81) Benzo(a)anthracene	21.619	228	406637	42.620	ng	99
82) 3,3'-Dichlorobenzidine	21.525	252	118330	39.878	ng	# 98
83) Chrysene	21.683	228	381530	42.326	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	169366	44.536	ng	# 91
85) Di-n-octyl phthalate	22.706	149	283379	43.679	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.517	276	498730	41.664	ng	# 96
88) Benzo(b)fluoranthene	23.822	252	429672	46.174	ng	# 99
89) Benzo(k)fluoranthene	23.887	252	406185	43.859	ng	# 97
90) Benzo(a)pyrene	24.692	252	377273	47.474	ng	# 97
91) Dibenzo(a,h)anthracene	28.570	278	438902	44.590	ng	# 93
92) Benzo(g,h,i)perylene	29.662	276	429855	44.247	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054428.D
 Acq On : 28 Jul 2022 12:09
 Operator : CG/JU
 Sample : PB146489BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146489BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

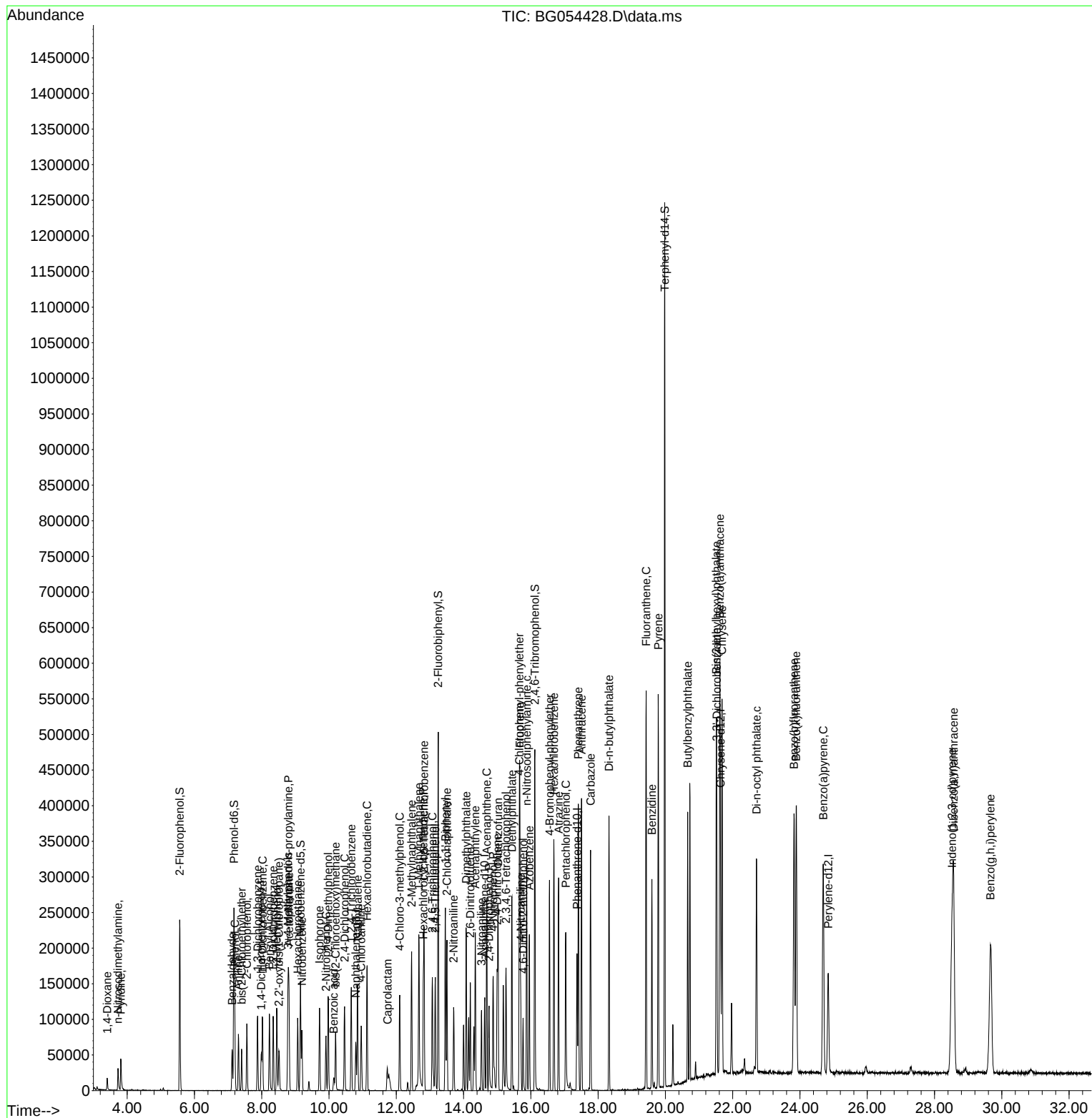
Quant Time: Jul 29 04:08:03 2022

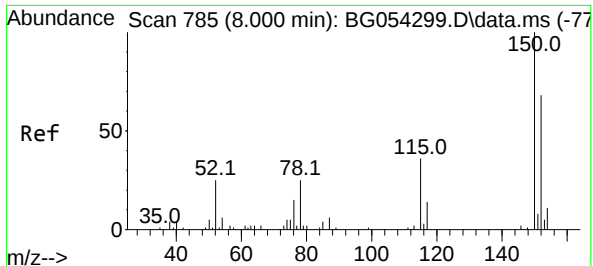
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 28 04:30:50 2022

Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

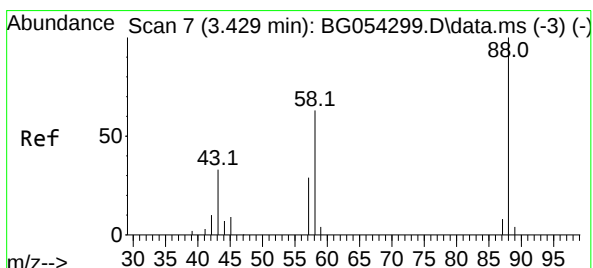
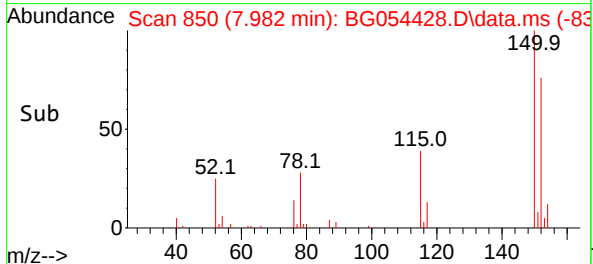
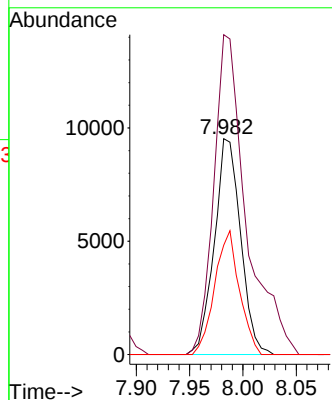
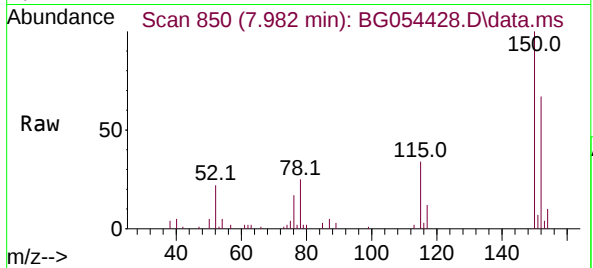
PB146489BS

Tgt Ion:152 Resp: 16369
Ion Ratio Lower Upper
152 100
150 148.2 131.6 197.4
115 50.6 50.9 76.3

Manual Integrations

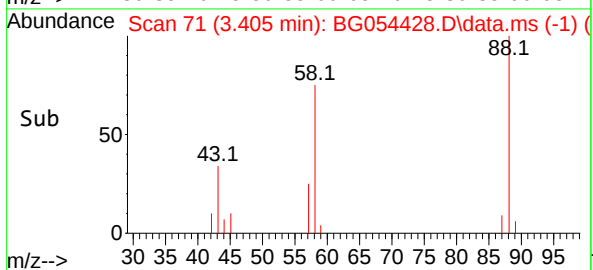
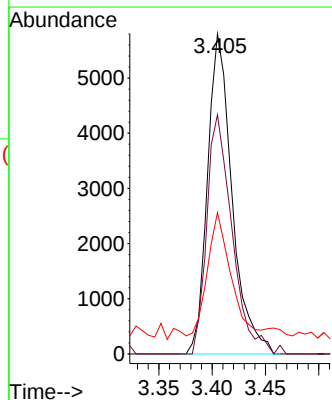
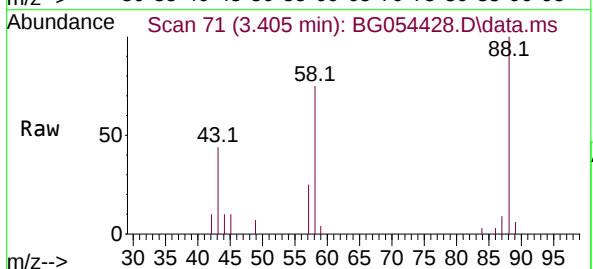
APPROVED

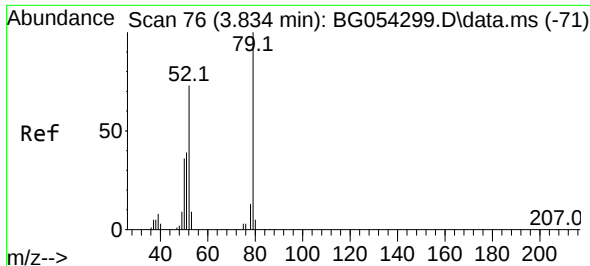
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#2
1,4-Dioxane
Concen: 29.794 ng
RT: 3.405 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

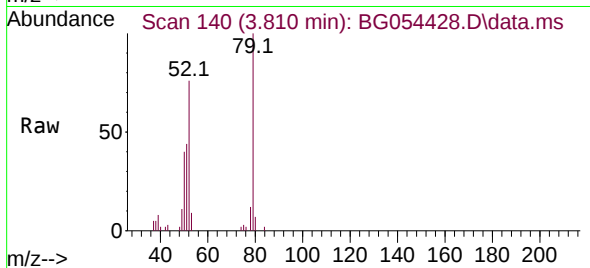
Tgt Ion: 88 Resp: 9293
Ion Ratio Lower Upper
88 100
58 77.3 59.2 88.8
43 36.1 24.3 36.5





#3
Pyridine
Concen: 32.952 ng
RT: 3.810 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

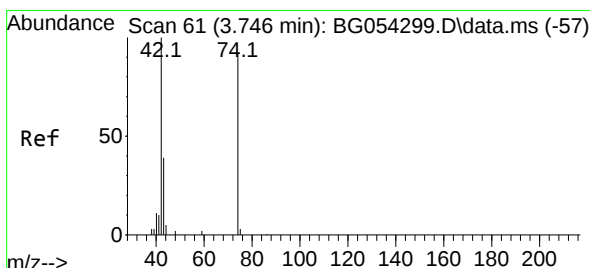
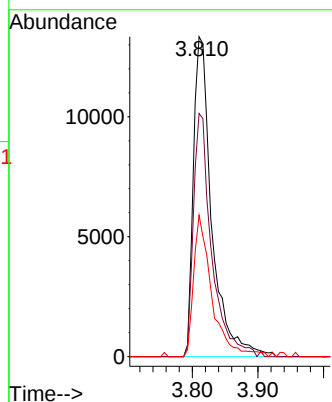
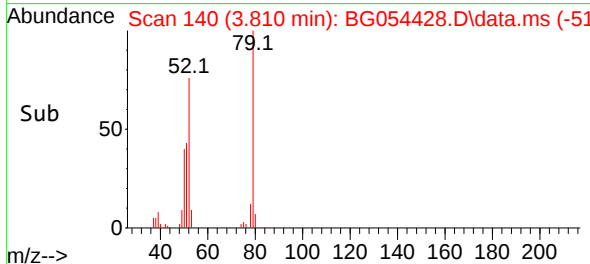
Instrument :
BNA_G
ClientSampleId :
PB146489BS



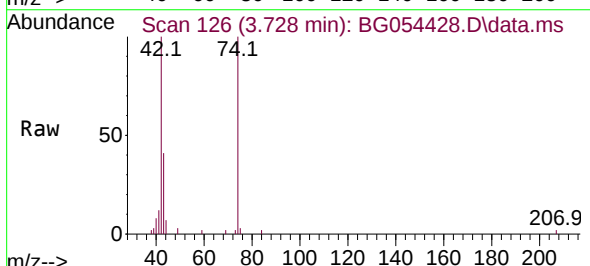
Tgt Ion: 79 Resp: 26073
Ion Ratio Lower Upper
79 100
52 76.0 54.6 81.8
51 44.2 32.5 48.7

Manual Integrations
APPROVED

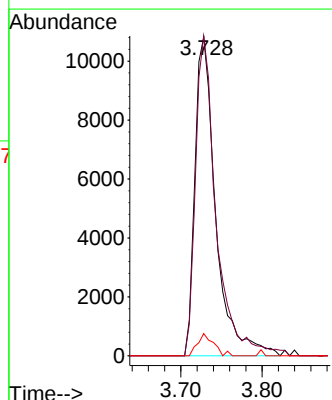
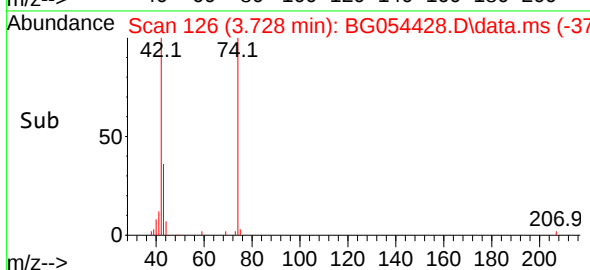
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

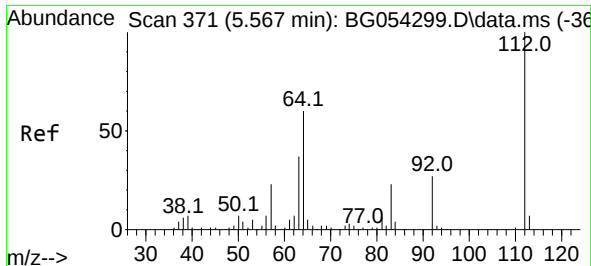


#4
n-Nitrosodimethylamine
Concen: 43.467 ng
RT: 3.728 min Scan# 126
Delta R.T. -0.006 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 42 Resp: 19231
Ion Ratio Lower Upper
42 100
74 100.3 97.0 145.4
44 7.0 7.0 10.4





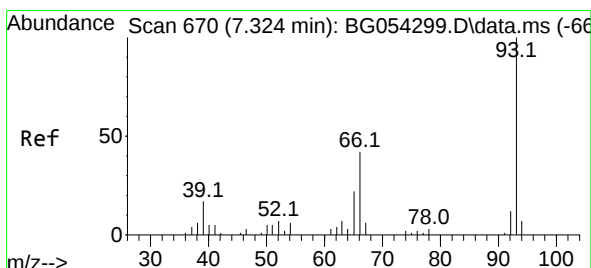
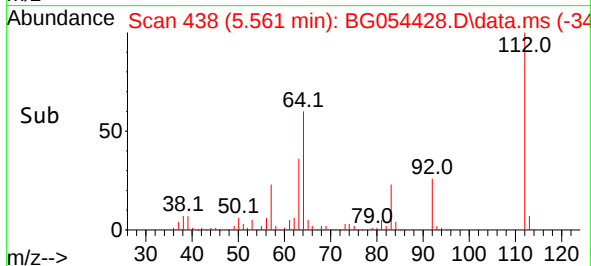
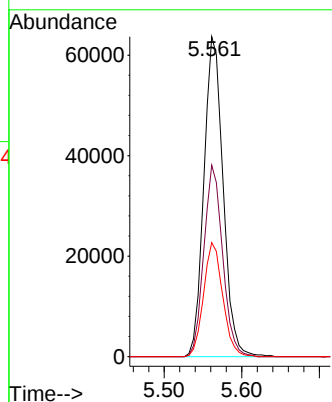
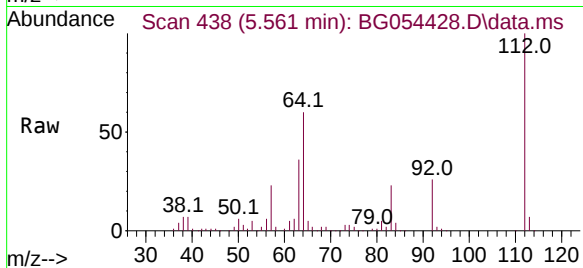
#5
2-Fluorophenol
Concen: 139.772 ng
RT: 5.561 min Scan# 431
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:112 Resp: 10958
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.6 30.4 45.6

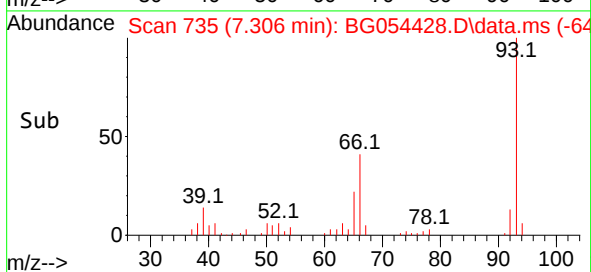
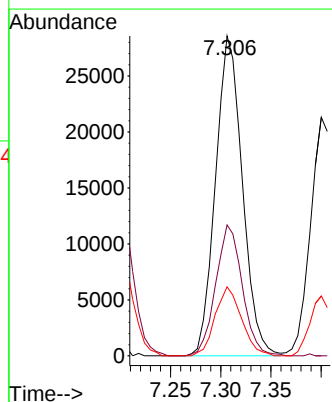
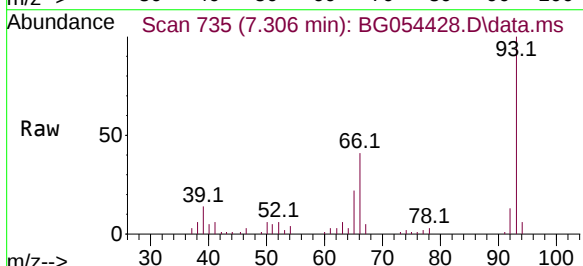
Manual Integrations
APPROVED

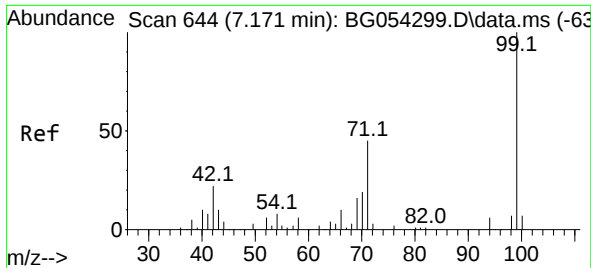
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#6
Aniline
Concen: 42.938 ng
RT: 7.306 min Scan# 735
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

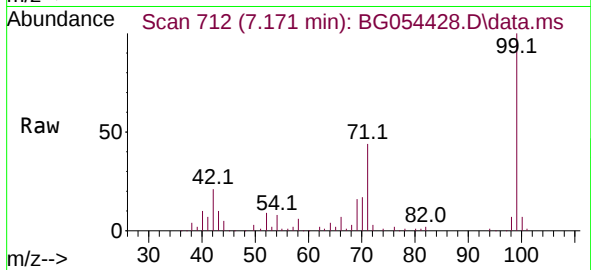
Tgt Ion: 93 Resp: 53244
Ion Ratio Lower Upper
93 100
66 40.9 32.9 49.3
65 21.6 17.8 26.8





#7
Phenol-d6
Concen: 133.781 ng
RT: 7.171 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

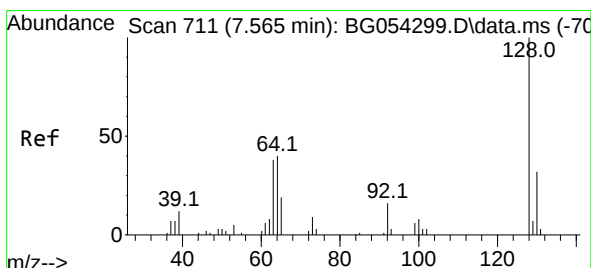
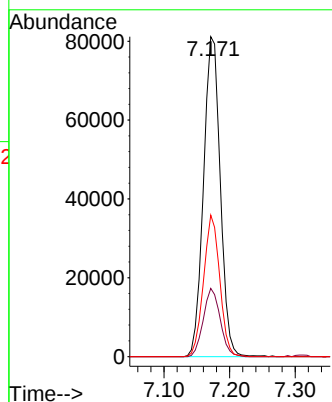
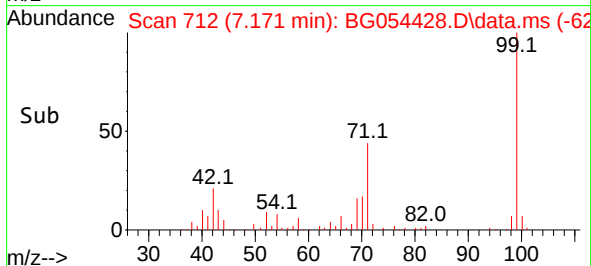
Instrument :
BNA_G
ClientSampleId :
PB146489BS



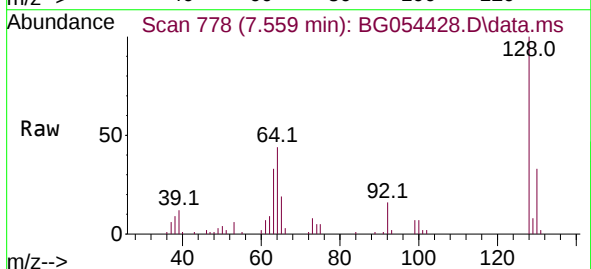
Tgt Ion: 99 Resp: 14371
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 44.2 33.8 50.8

Manual Integrations
APPROVED

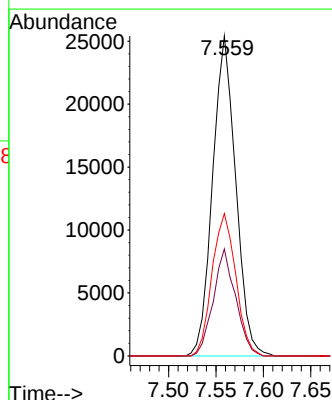
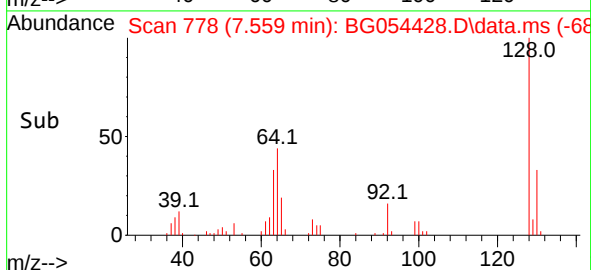
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

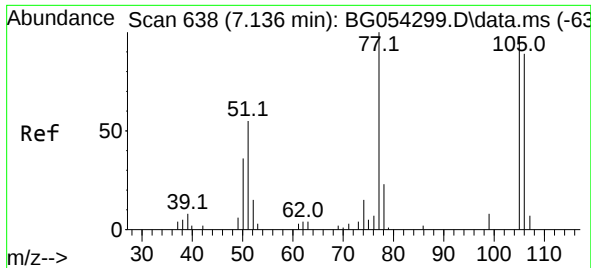


#8
2-Chlorophenol
Concen: 47.797 ng
RT: 7.559 min Scan# 778
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



Tgt Ion:128 Resp: 43064
Ion Ratio Lower Upper
128 100
130 33.4 10.5 50.5
64 44.5 35.1 75.1





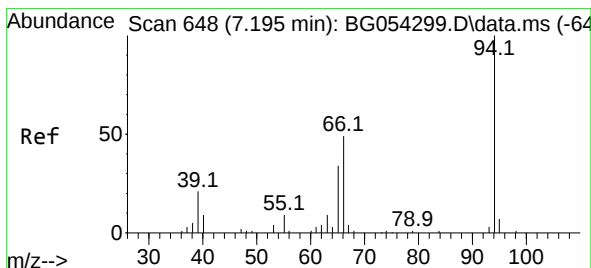
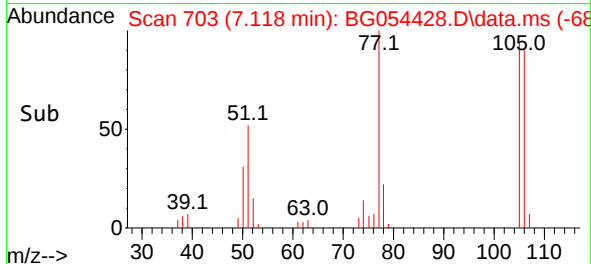
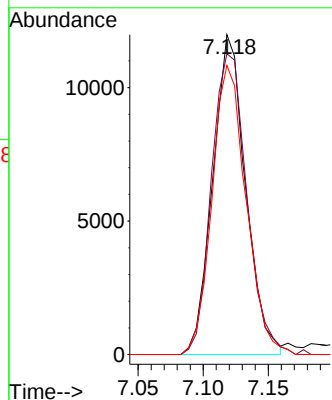
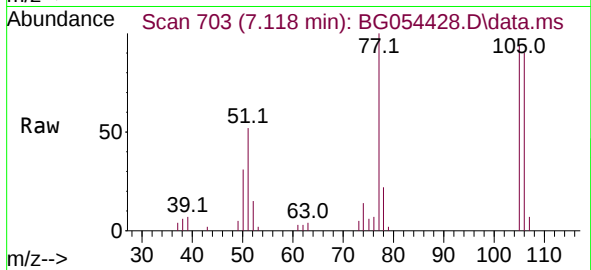
#9
Benzaldehyde
Concen: 37.833 ng m
RT: 7.118 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion: 77 Resp: 21028
Ion Ratio Lower Upper
77 100
105 94.0 59.6 99.6
106 90.4 56.8 96.8

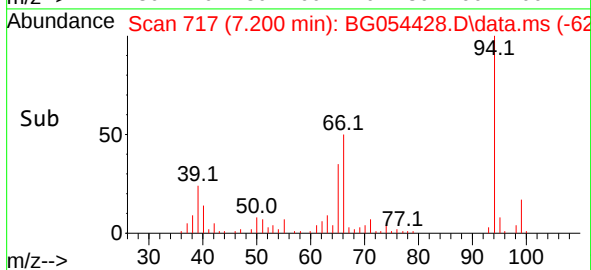
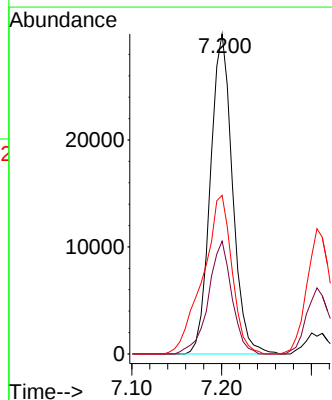
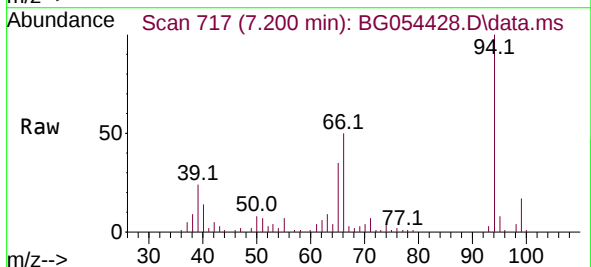
Manual Integrations
APPROVED

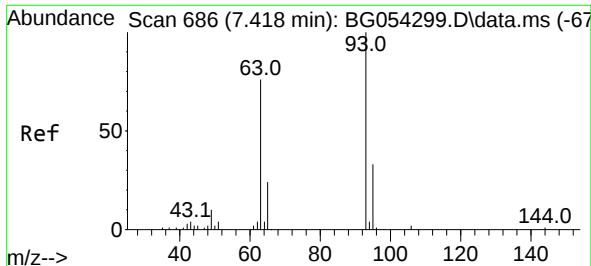
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#10
Phenol
Concen: 48.134 ng
RT: 7.200 min Scan# 717
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion: 94 Resp: 51376
Ion Ratio Lower Upper
94 100
65 35.2 14.8 54.8
66 49.5 25.2 65.2





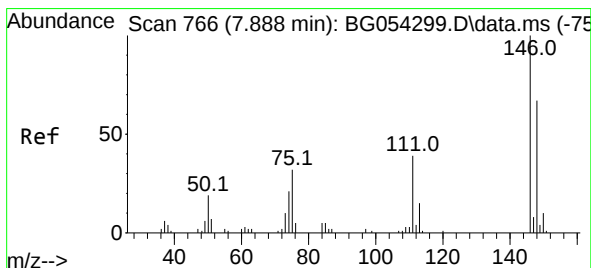
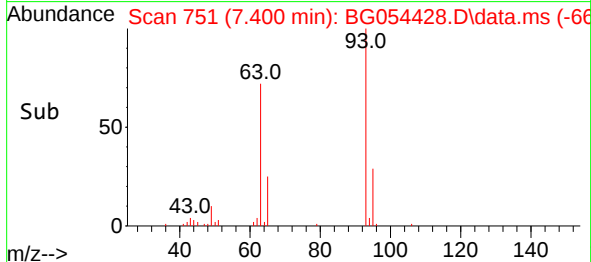
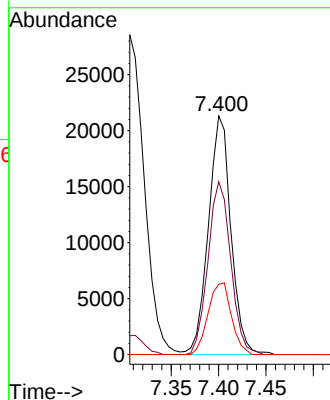
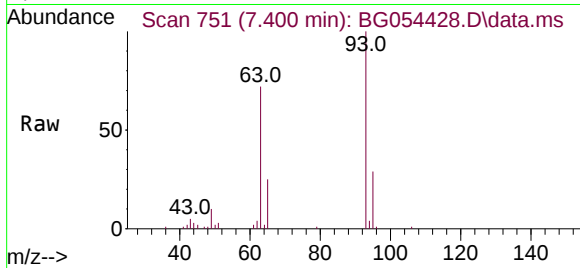
#11
bis(2-Chloroethyl)ether
Concen: 45.355 ng
RT: 7.400 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion: 93 Resp: 35296
Ion Ratio Lower Upper
93 100
63 72.4 63.6 103.6
95 29.5 10.1 50.1

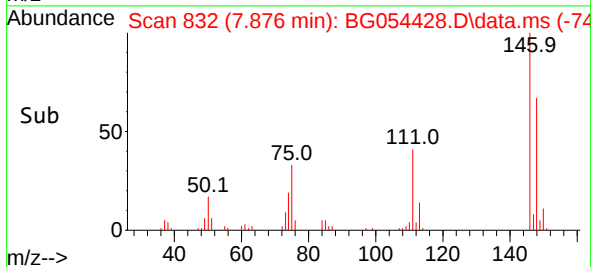
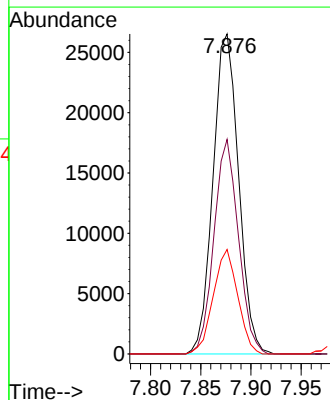
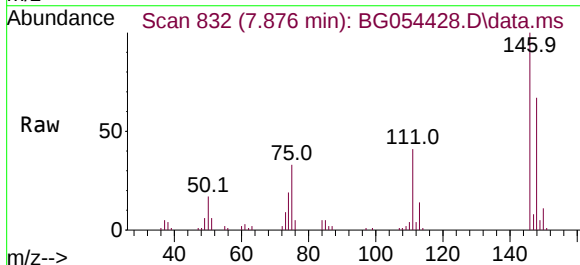
Manual Integrations
APPROVED

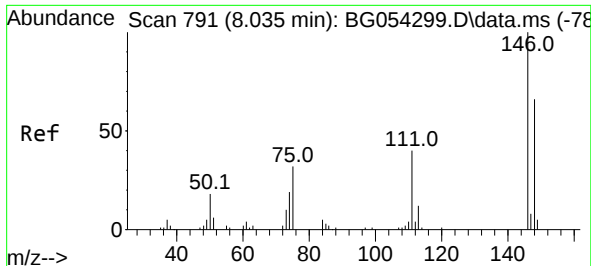
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#12
1,3-Dichlorobenzene
Concen: 42.890 ng
RT: 7.876 min Scan# 832
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:146 Resp: 47083
Ion Ratio Lower Upper
146 100
148 67.0 46.1 69.1
75 32.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.944 ng

RT: 8.023 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

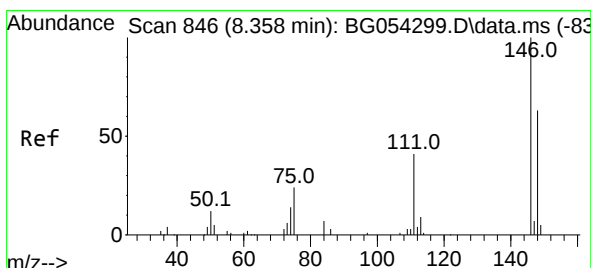
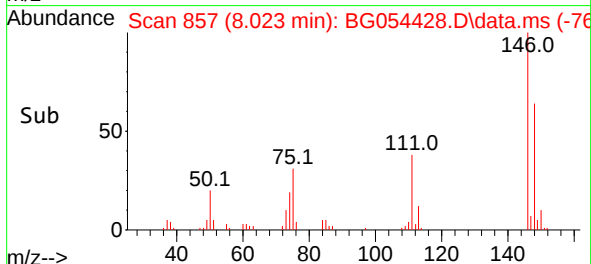
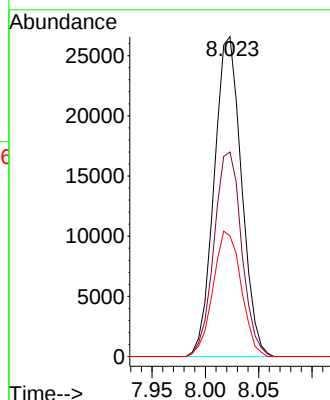
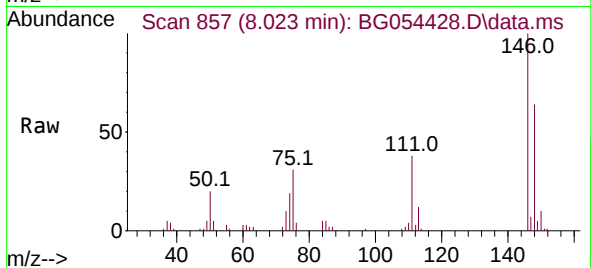
PB146489BS

Tgt Ion:146 Resp: 47550
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.5 77.3
 111 37.7 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#14

1,2-Dichlorobenzene

Concen: 43.214 ng

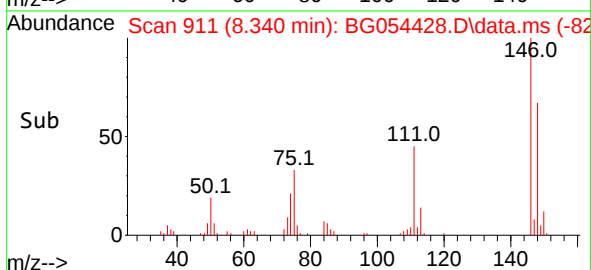
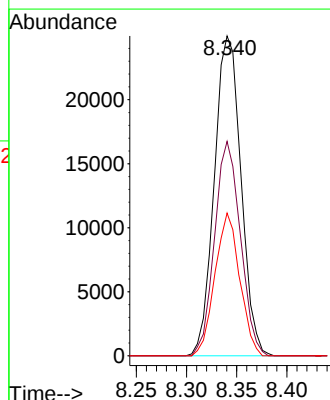
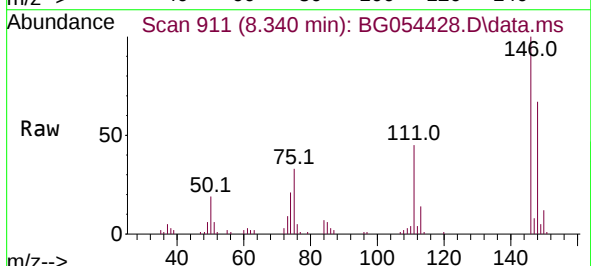
RT: 8.340 min Scan# 911

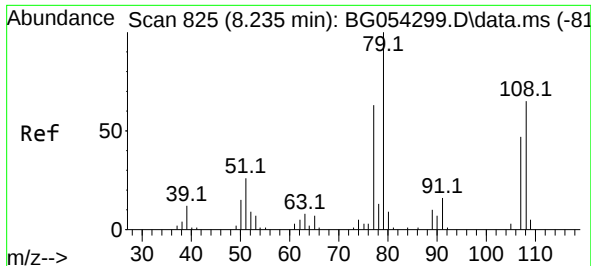
Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Tgt Ion:146 Resp: 46197
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.6 78.8
 111 44.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.209 ng
RT: 8.229 min Scan# 891
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

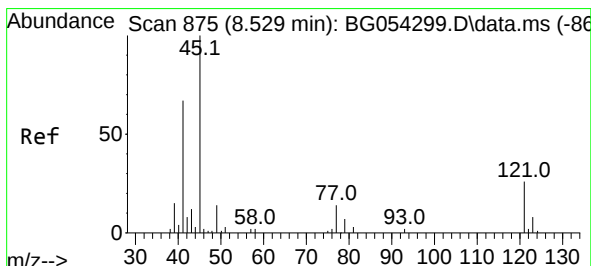
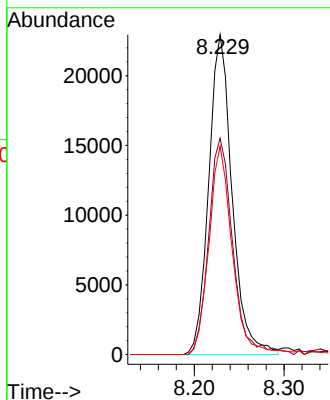
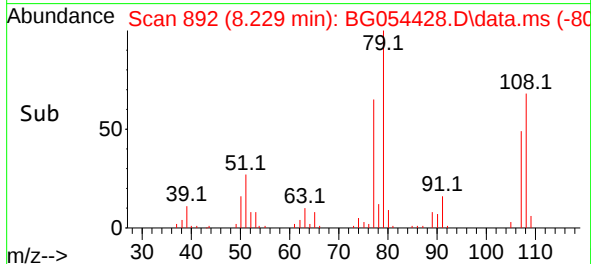
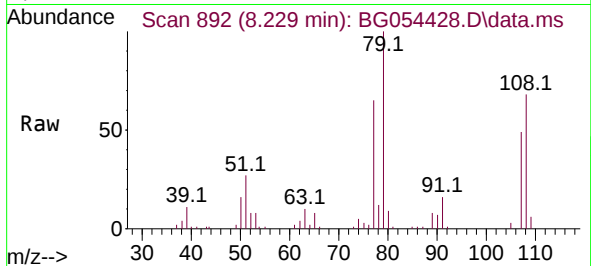
ClientSampleId :

PB146489BS

Tgt Ion: 79 Resp: 41712
Ion Ratio Lower Upper
79 100
108 67.6 53.7 80.5
77 65.1 52.2 78.4

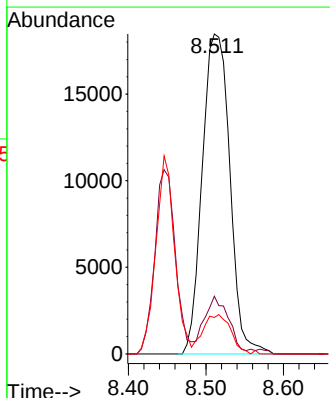
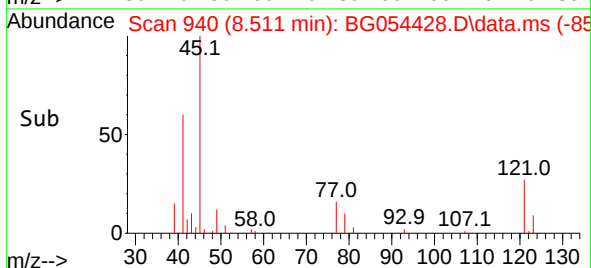
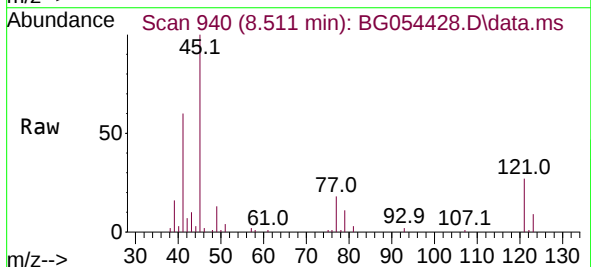
Manual Integrations
APPROVED

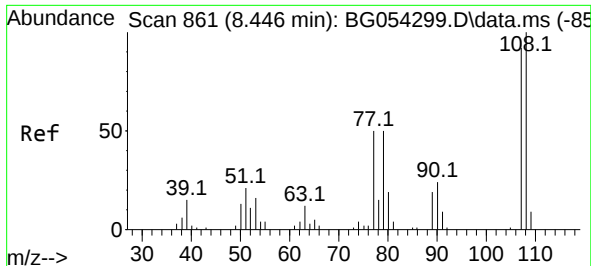
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.558 ng
RT: 8.511 min Scan# 940
Delta R.T. -0.006 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion: 45 Resp: 45632
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.7
79 11.4 0.0 29.7





#17
2-Methylphenol
Concen: 46.984 ng
RT: 8.446 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

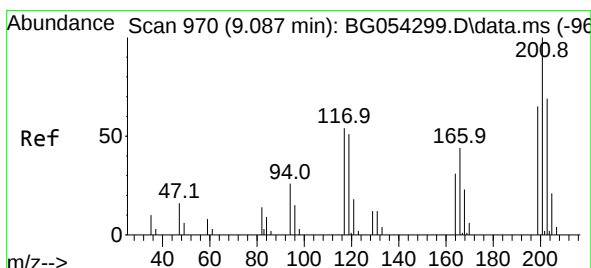
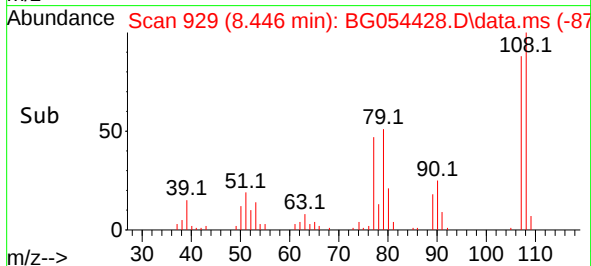
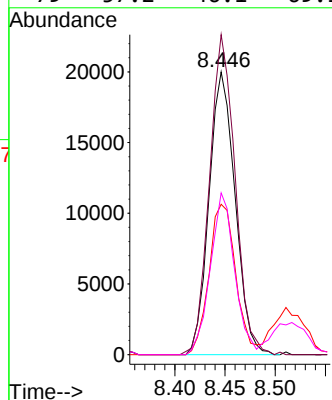
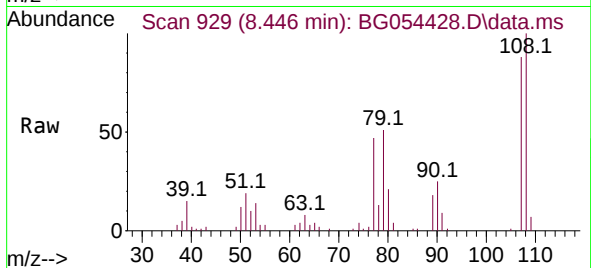
PB146489BS

Tgt Ion:107 Resp: 36145
Ion Ratio Lower Upper
107 100
108 113.2 85.4 128.0
77 53.2 46.2 69.2
79 57.2 46.1 69.1

Manual Integrations

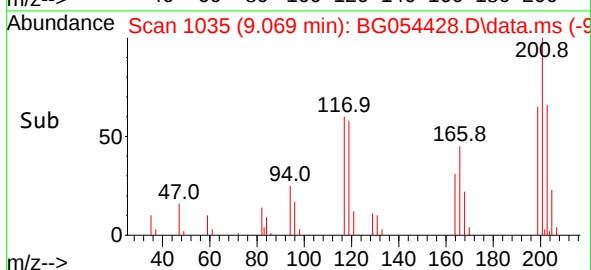
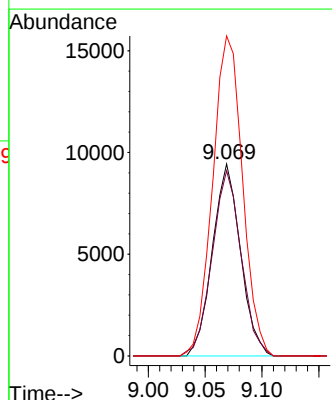
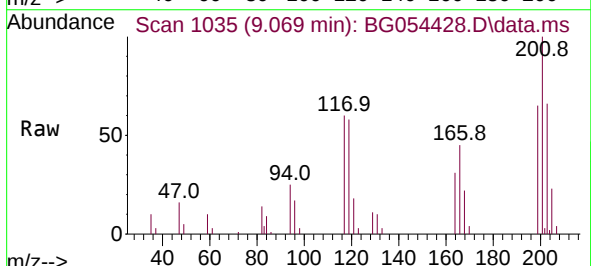
APPROVED

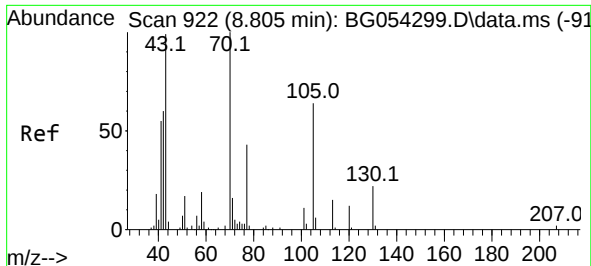
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#18
Hexachloroethane
Concen: 43.216 ng
RT: 9.069 min Scan# 1035
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

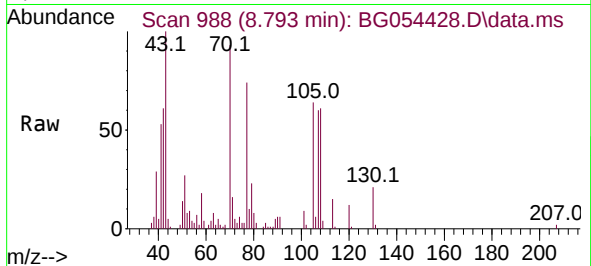
Tgt Ion:117 Resp: 16222
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
201 166.7 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 43.332 ng
RT: 8.793 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

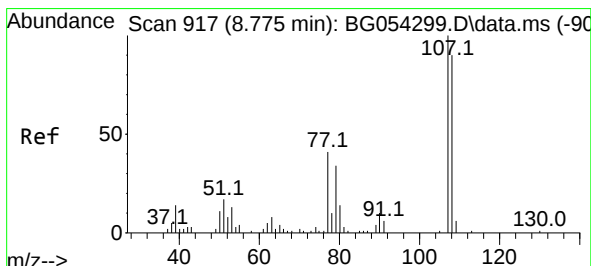
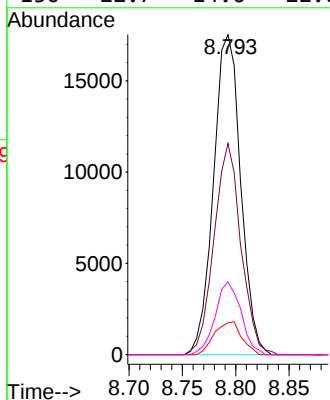
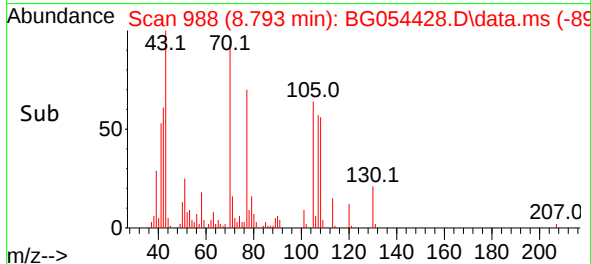
Instrument :
BNA_G
ClientSampleId :
PB146489BS



Tgt Ion: 70 Resp: 31085
Ion Ratio Lower Upper
70 100
42 66.0 47.3 70.9
101 9.9 7.0 10.4
130 22.7 14.6 22.0#

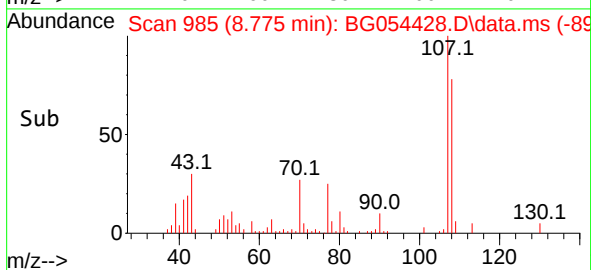
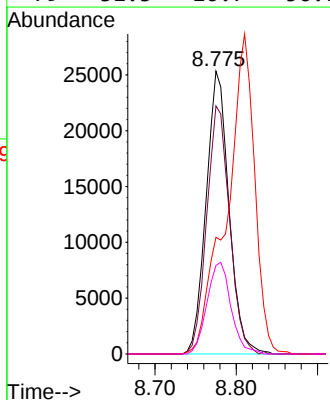
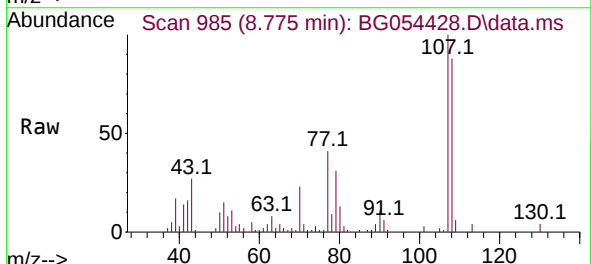
Manual Integrations
APPROVED

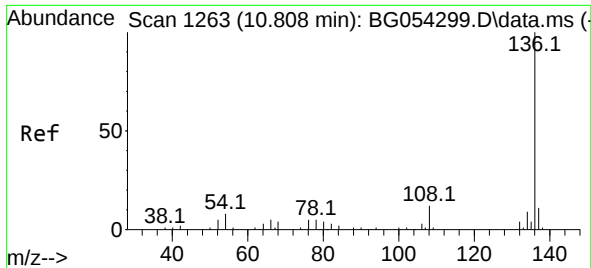
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#20
3+4-Methylphenols
Concen: 45.602 ng
RT: 8.775 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:107 Resp: 49430
Ion Ratio Lower Upper
107 100
108 87.7 67.5 107.5
77 41.3 20.3 60.3
79 31.3 16.7 56.7





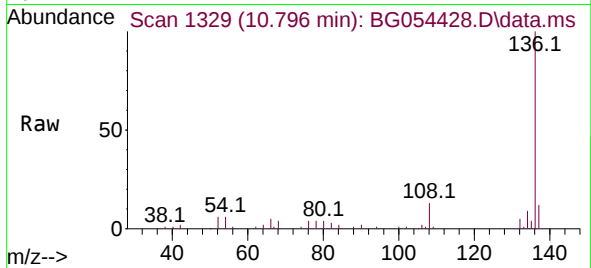
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB146489BS

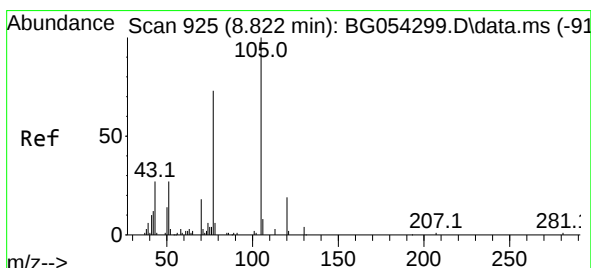
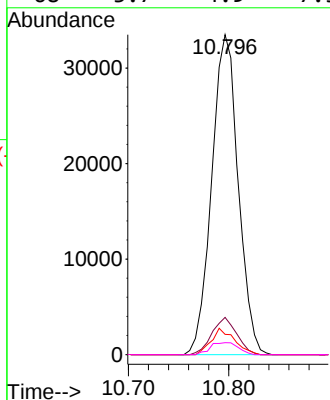
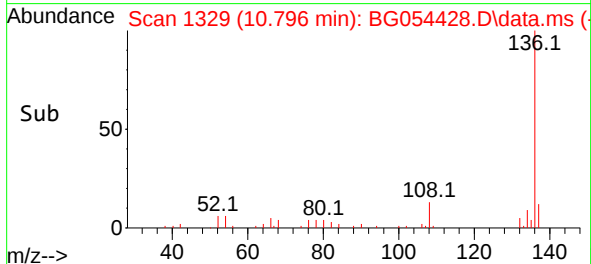


Tgt Ion:136 Resp: 61500
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 6.3 7.4 11.2
68 3.7 4.9 7.3

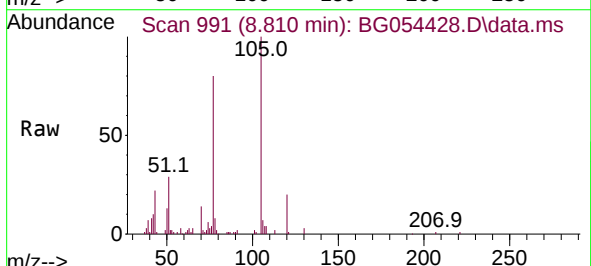
Manual Integrations

APPROVED

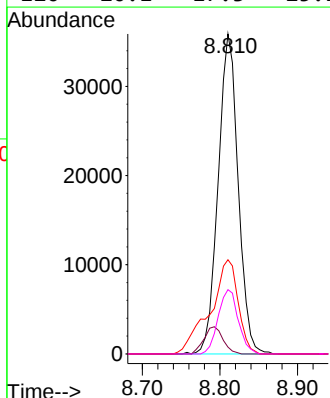
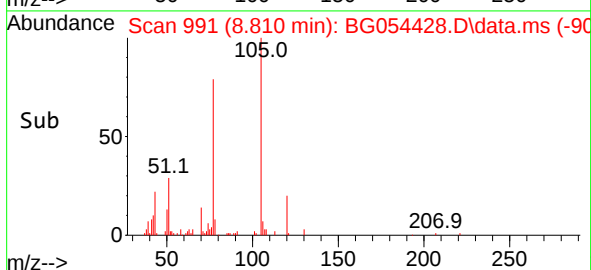
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

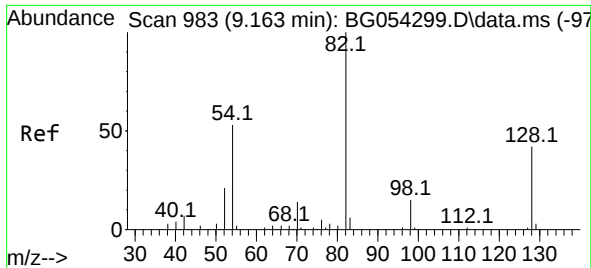


#22
Acetophenone
Concen: 43.517 ng
RT: 8.810 min Scan# 991
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



Tgt Ion:105 Resp: 64369
Ion Ratio Lower Upper
105 100
71 2.1 1.1 1.7
51 29.4 25.4 38.0
120 20.1 17.3 25.9





#23
Nitrobenzene-d5
Concen: 81.805 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

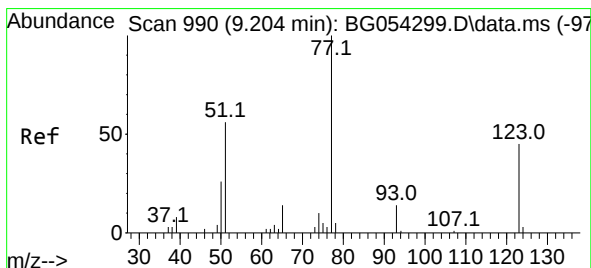
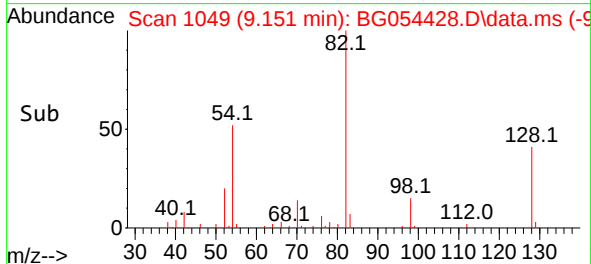
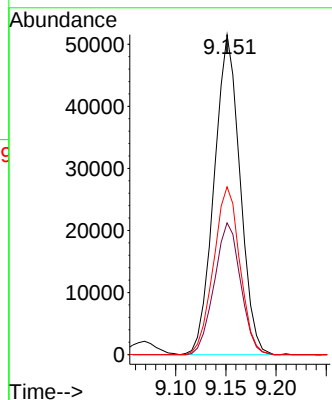
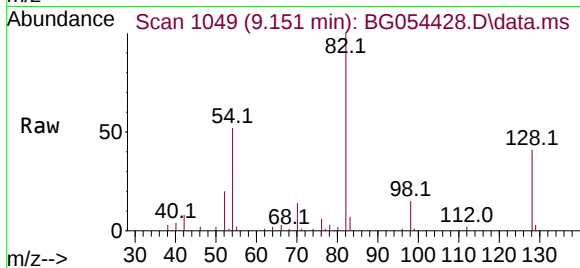
ClientSampleId :

PB146489BS

Tgt Ion: 82 Resp: 92386
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 52.4 41.2 61.8

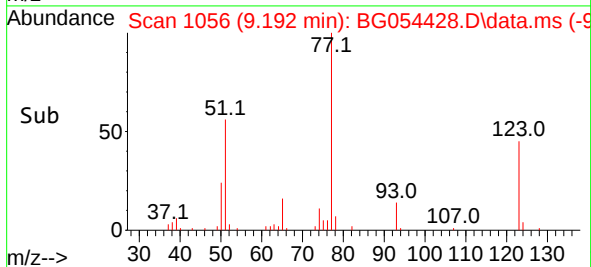
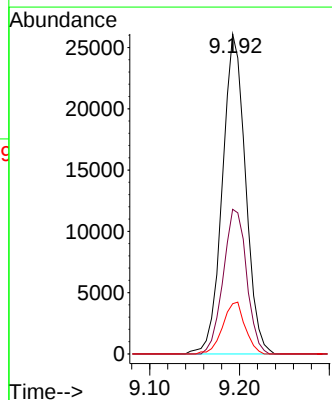
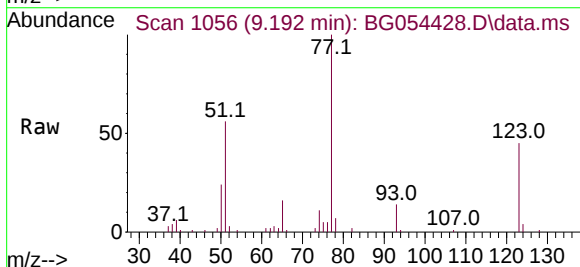
Manual Integrations
APPROVED

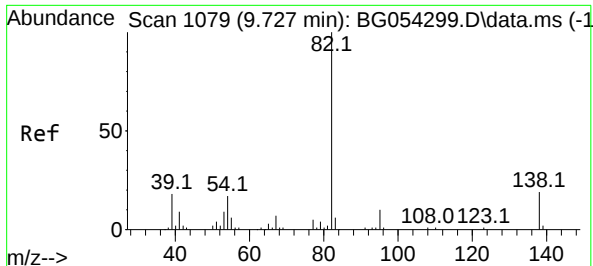
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#24
Nitrobenzene
Concen: 42.370 ng
RT: 9.192 min Scan# 1056
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion: 77 Resp: 46764
Ion Ratio Lower Upper
77 100
123 45.2 27.4 41.0#
65 15.7 11.4 17.0





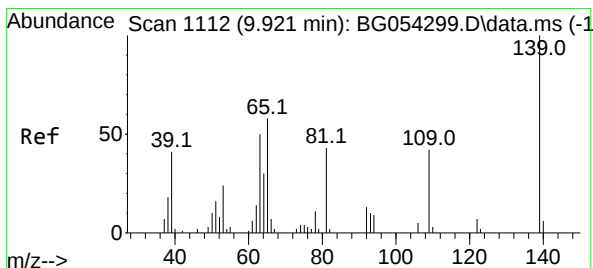
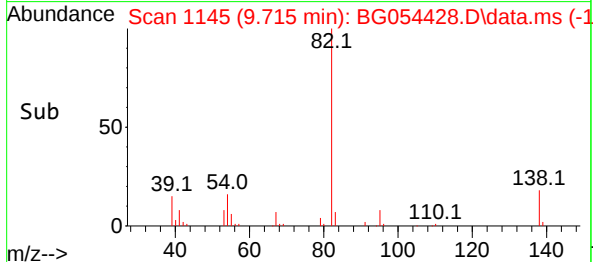
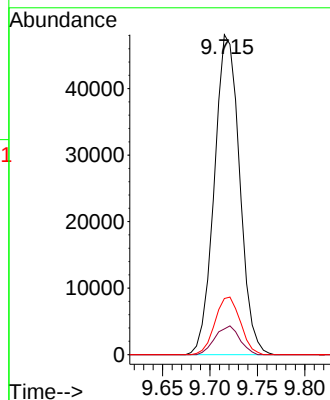
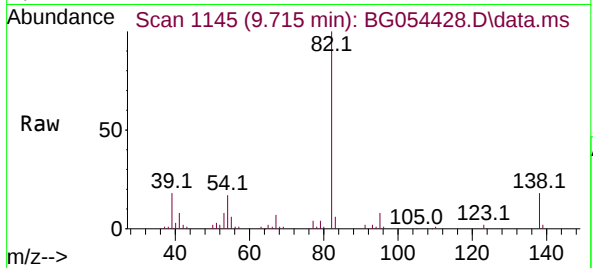
#25
Isophorone
Concen: 45.410 ng
RT: 9.715 min Scan# 1145
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion: 82 Resp: 89190
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 17.5 11.6 17.4

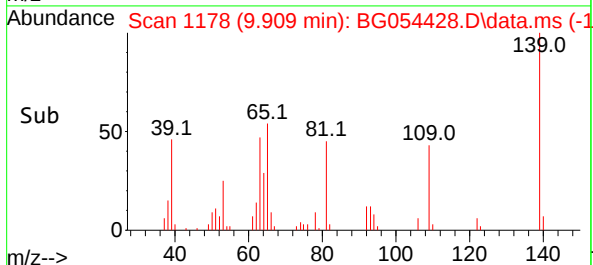
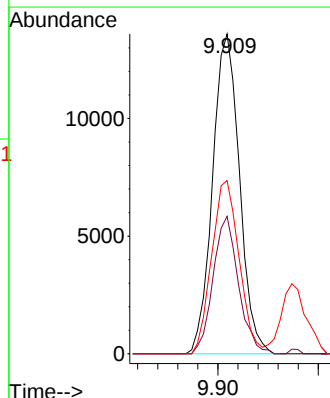
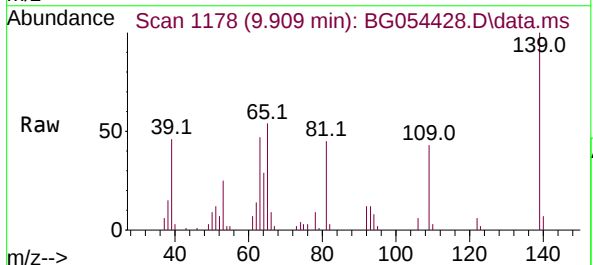
Manual Integrations
APPROVED

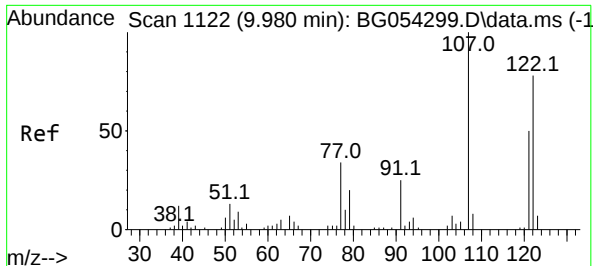
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#26
2-Nitrophenol
Concen: 45.464 ng
RT: 9.909 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:139 Resp: 25293
Ion Ratio Lower Upper
139 100
109 43.0 36.1 54.1
65 54.2 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 52.436 ng

RT: 9.974 min Scan# 1122

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB146489BS

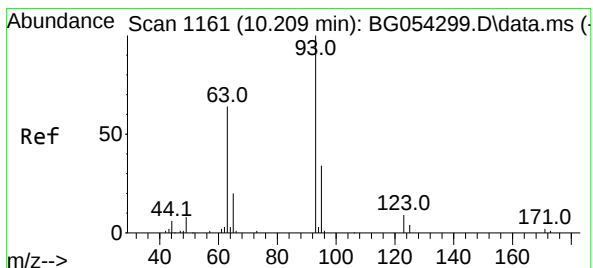
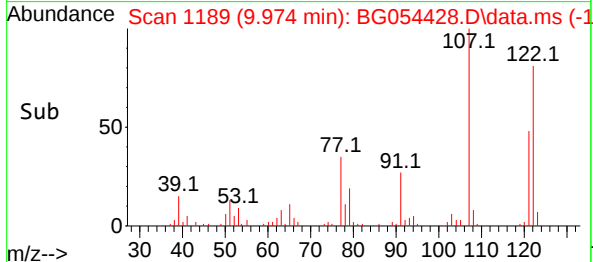
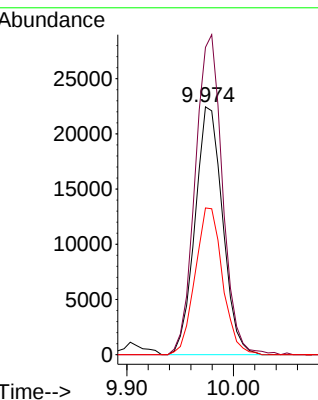
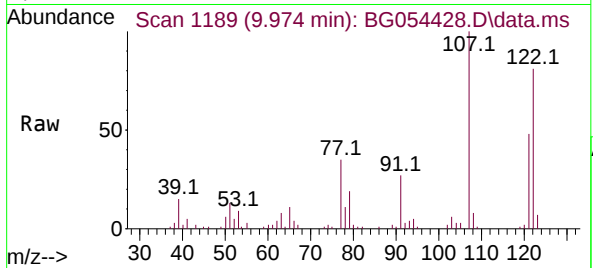
Tgt Ion:122 Resp: 40299
 Ion Ratio Lower Upper
 122 100
 107 124.0 109.4 164.0
 121 59.2 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.369 ng

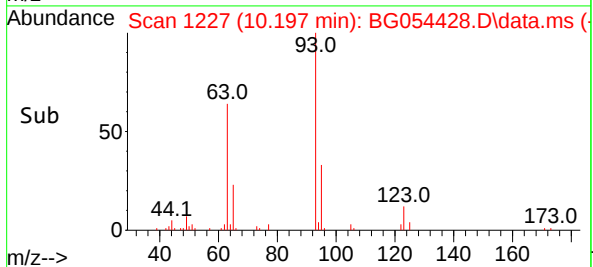
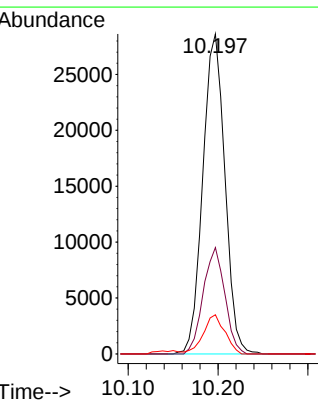
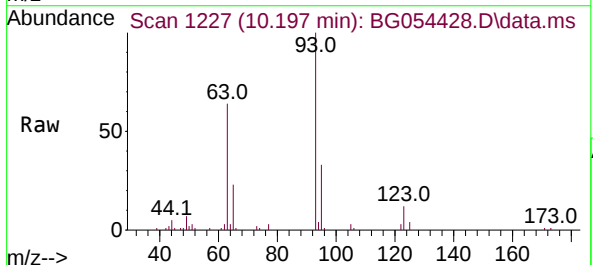
RT: 10.197 min Scan# 1227

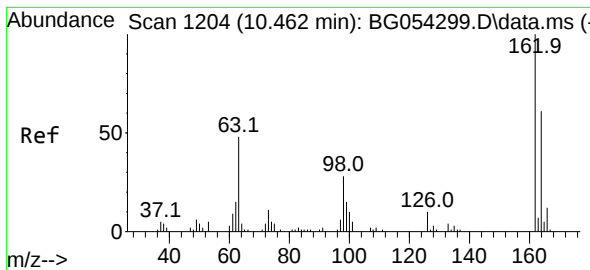
Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

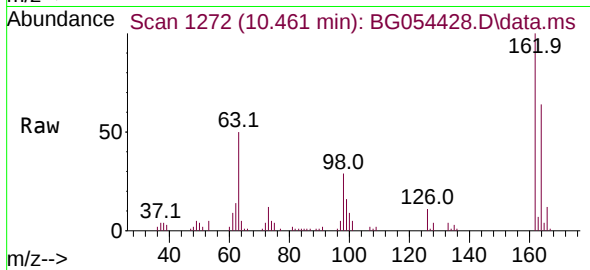
Tgt Ion: 93 Resp: 48906
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.9 40.3
 123 12.2 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 45.230 ng
RT: 10.461 min Scan# 1306
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

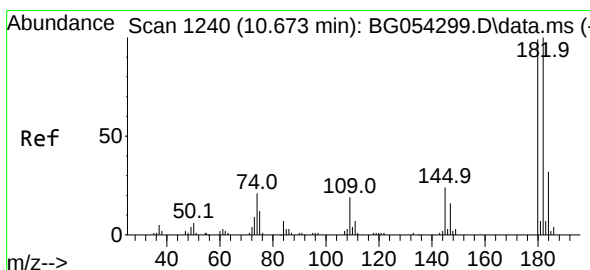
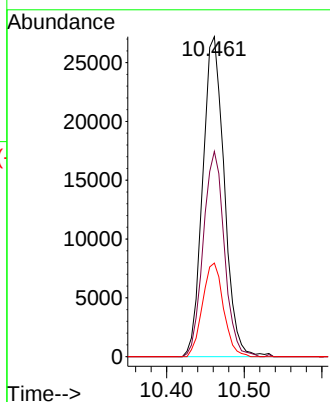
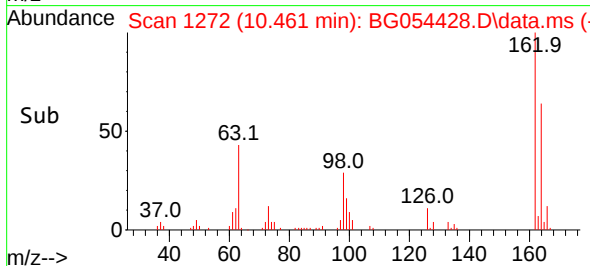
Instrument :
BNA_G
ClientSampleId :
PB146489BS



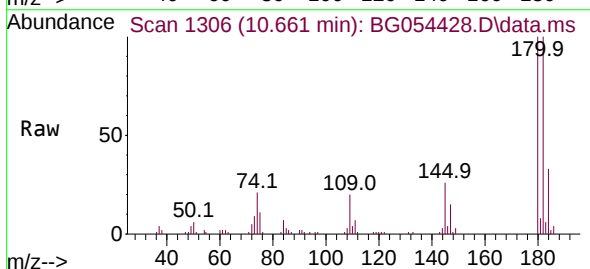
Tgt Ion:162 Resp: 52469
Ion Ratio Lower Upper
162 100
164 64.1 46.6 86.6
98 29.2 22.8 62.8

Manual Integrations
APPROVED

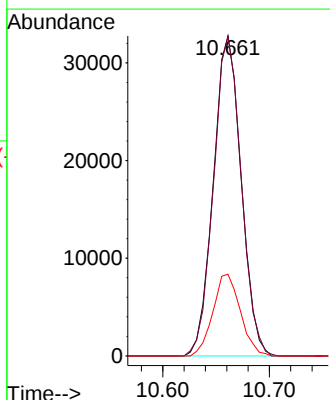
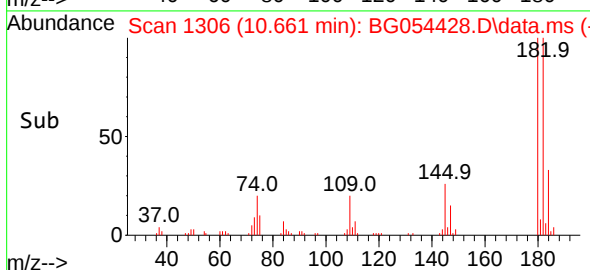
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

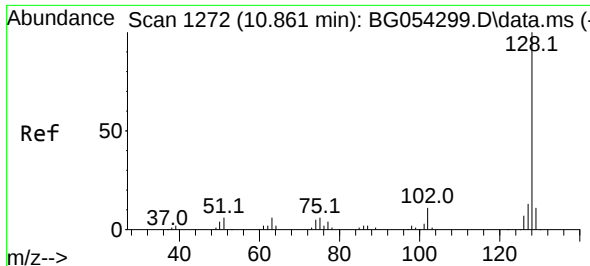


#30
1,2,4-Trichlorobenzene
Concen: 41.314 ng
RT: 10.661 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



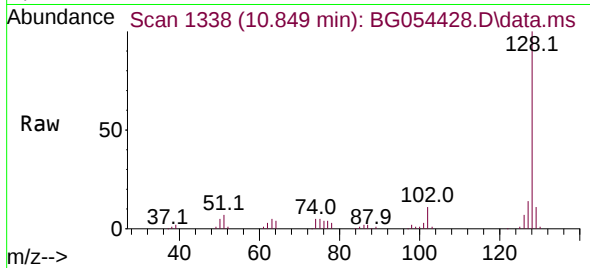
Tgt Ion:180 Resp: 59355
Ion Ratio Lower Upper
180 100
182 99.8 76.6 115.0
145 25.5 25.0 37.4





#31
Naphthalene
Concen: 41.835 ng
RT: 10.849 min Scan# 1318
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

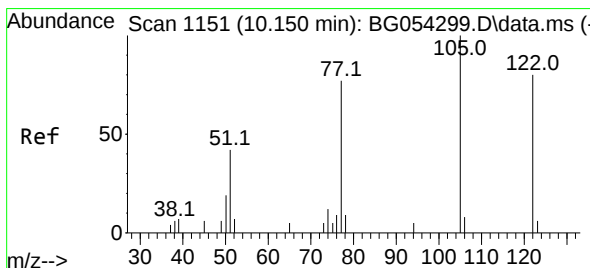
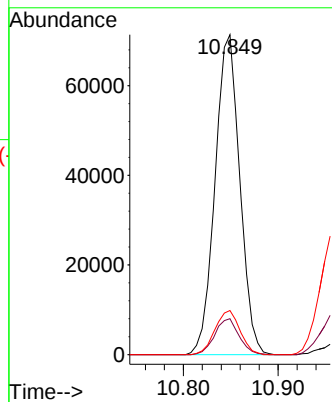
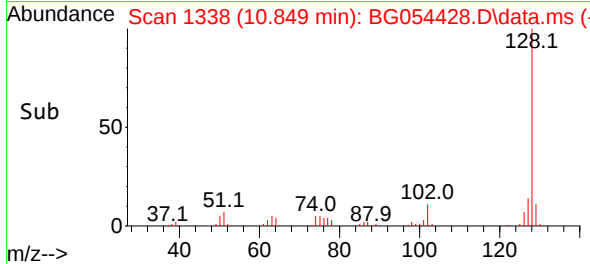
Instrument :
BNA_G
ClientSampleId :
PB146489BS



Tgt Ion:128 Resp: 129154
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.8 11.1 16.7

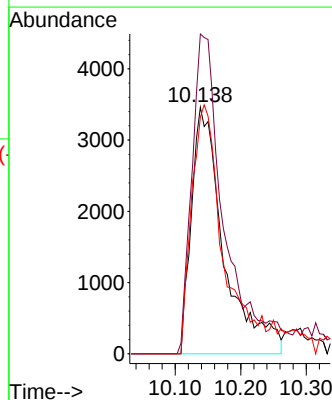
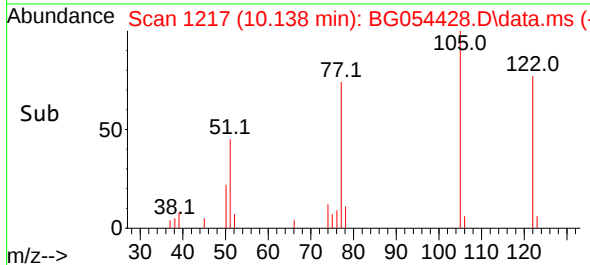
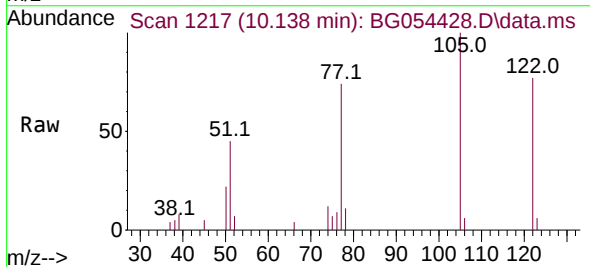
Manual Integrations
APPROVED

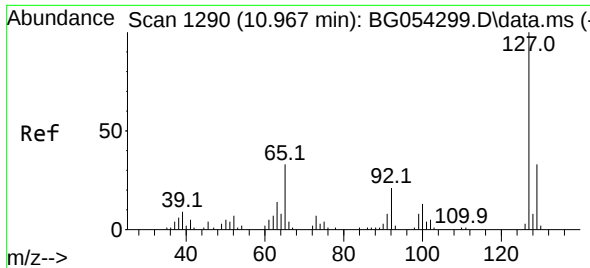
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#32
Benzoic acid
Concen: 40.560 ng m
RT: 10.138 min Scan# 1217
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:122 Resp: 11941
Ion Ratio Lower Upper
122 100
105 129.7 111.8 151.8
77 96.0 109.4 149.4#





#33
4-Chloroaniline
Concen: 42.683 ng
RT: 10.955 min Scan# 1356
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

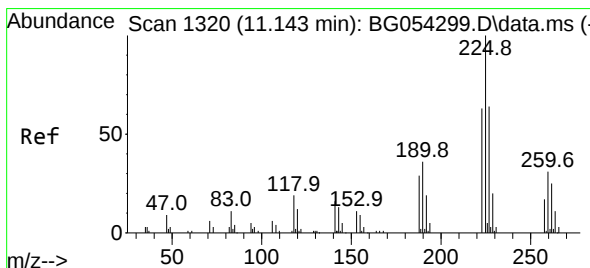
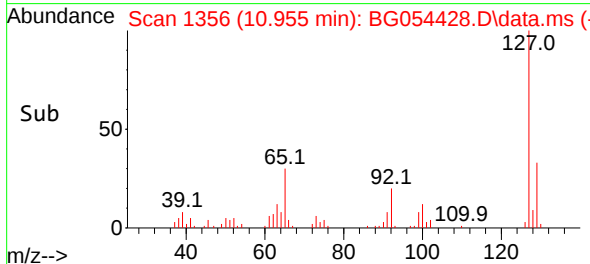
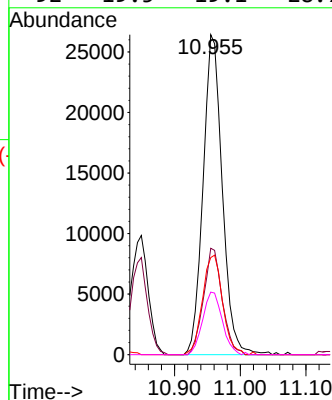
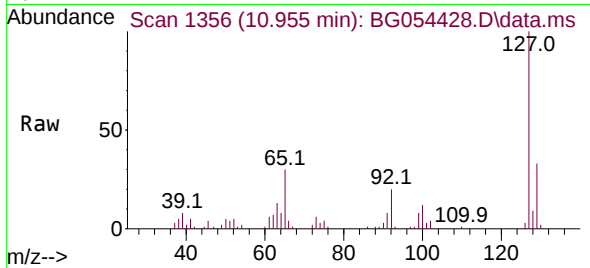
PB146489BS

Tgt Ion:127 Resp: 5358
Ion Ratio Lower Upper
127 100
129 33.2 26.3 39.5
65 30.3 31.1 46.7
92 19.5 19.1 28.7

Manual Integrations

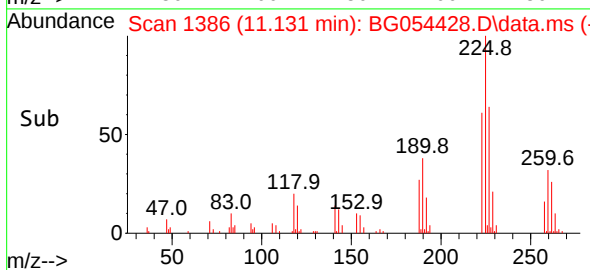
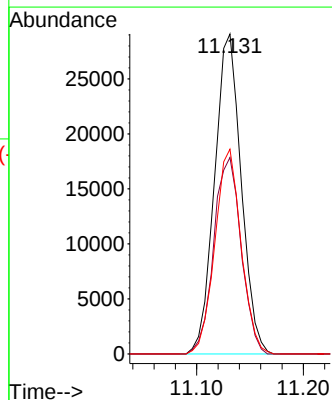
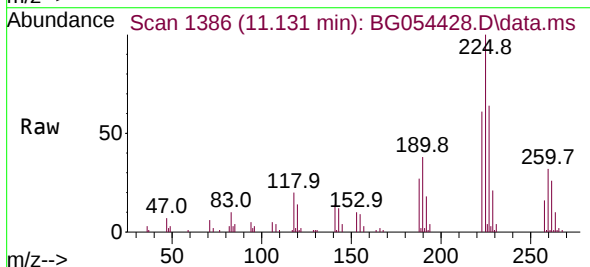
APPROVED

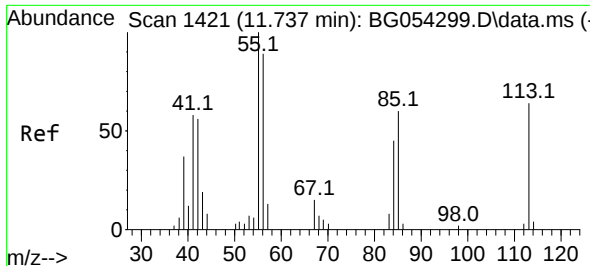
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#34
Hexachlorobutadiene
Concen: 39.786 ng
RT: 11.131 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:225 Resp: 50516
Ion Ratio Lower Upper
225 100
223 61.4 48.9 73.3
227 64.0 52.8 79.2





#35
Caprolactam
Concen: 48.944 ng m
RT: 11.736 min Scan# 1429
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

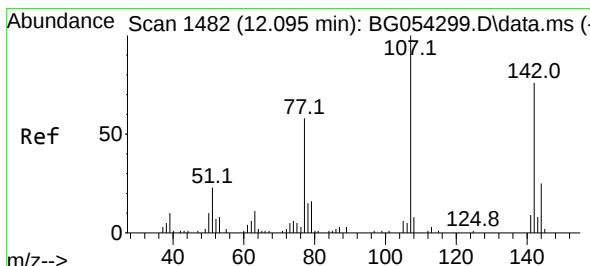
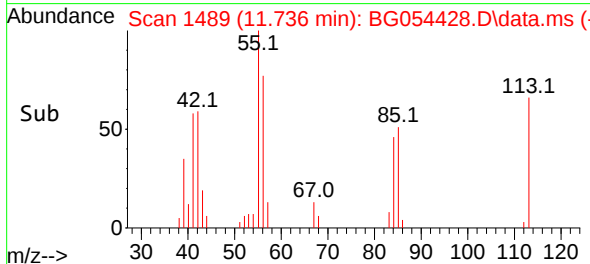
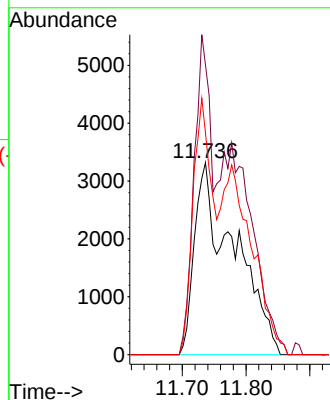
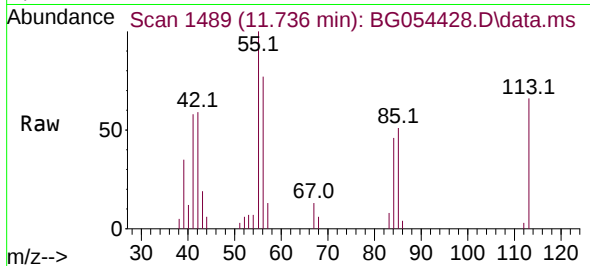
PB146489BS

Tgt Ion:113 Resp: 14296
Ion Ratio Lower Upper
113 100
55 150.8 169.8 209.8
56 115.5 141.2 181.2

Manual Integrations

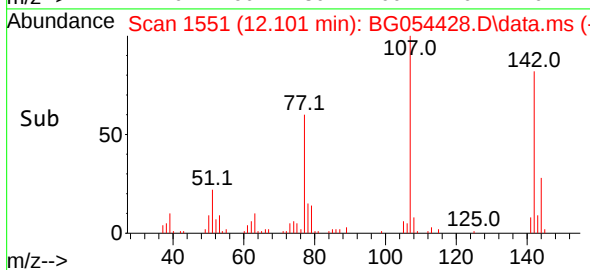
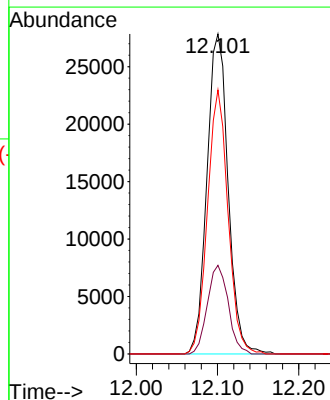
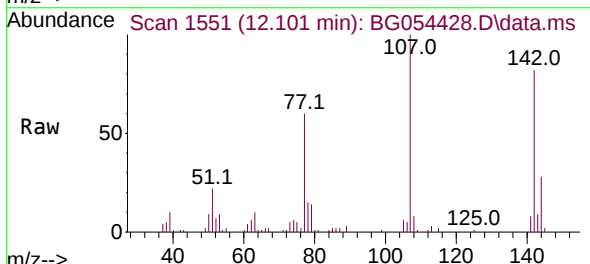
APPROVED

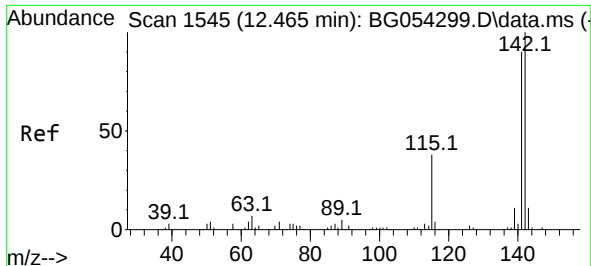
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#36
4-Chloro-3-methylphenol
Concen: 47.857 ng
RT: 12.101 min Scan# 1551
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:107 Resp: 50505
Ion Ratio Lower Upper
107 100
144 27.7 18.5 27.7
142 82.5 55.0 82.4





#37
2-Methylnaphthalene
Concen: 42.338 ng
RT: 12.453 min Scan# 1611
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

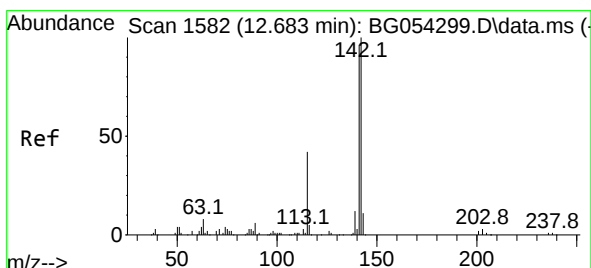
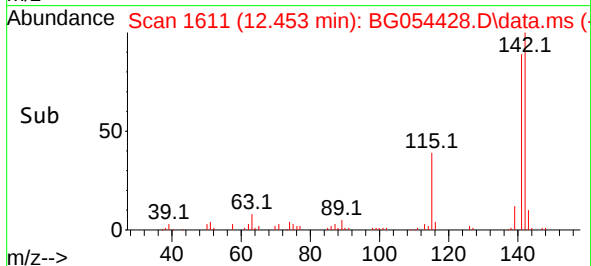
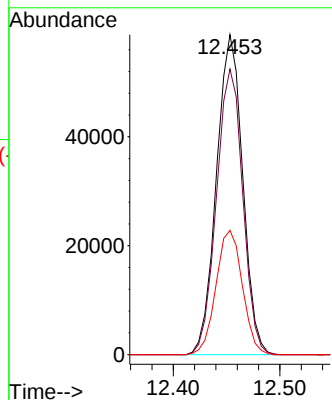
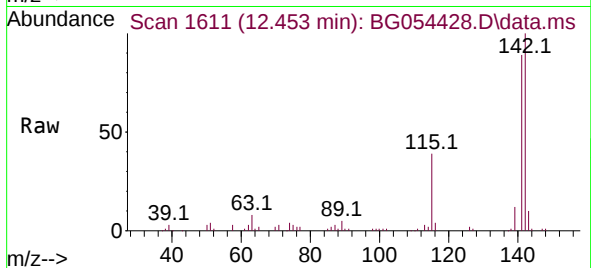
PB146489BS

Tgt Ion:142 Resp: 100374
Ion Ratio Lower Upper
142 100
141 89.2 72.3 108.5
115 38.8 33.7 50.5

Manual Integrations

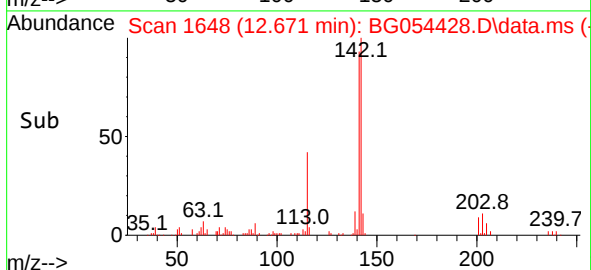
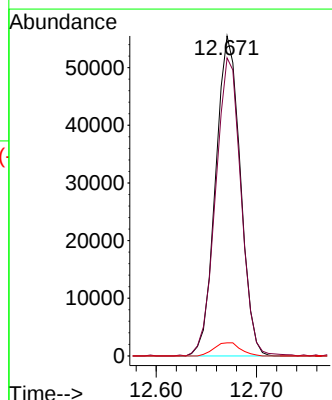
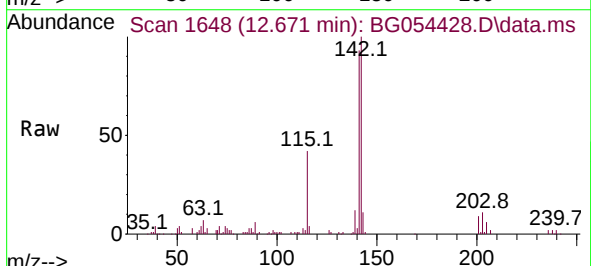
APPROVED

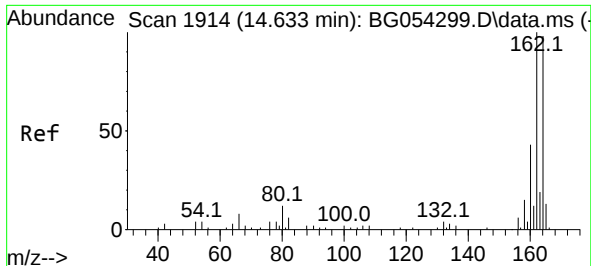
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#38
1-Methylnaphthalene
Concen: 41.174 ng
RT: 12.671 min Scan# 1648
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:142 Resp: 95117
Ion Ratio Lower Upper
142 100
141 93.1 76.4 114.6
116 4.1 3.3 4.9





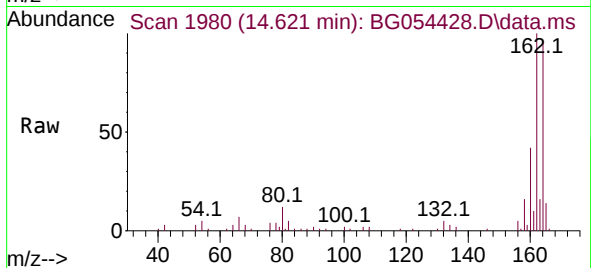
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB146489BS

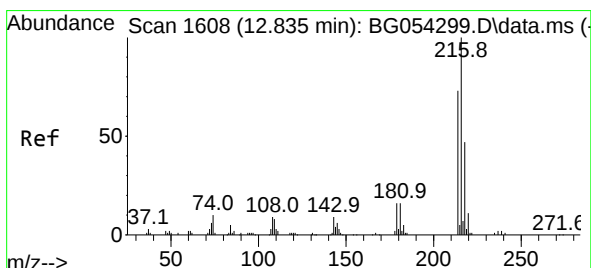
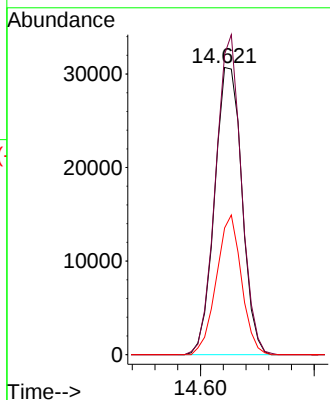
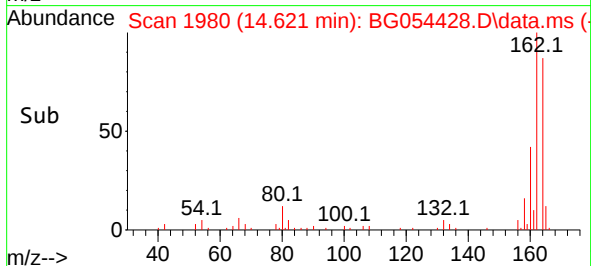


Tgt Ion:164 Resp: 5125
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 44.1 34.2 51.2

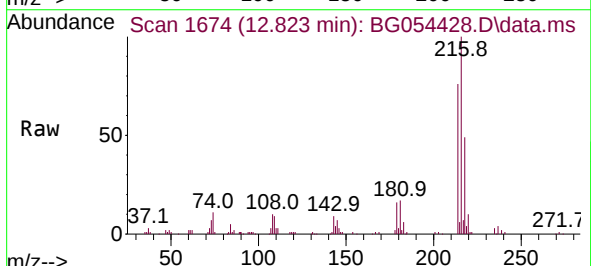
Manual Integrations

APPROVED

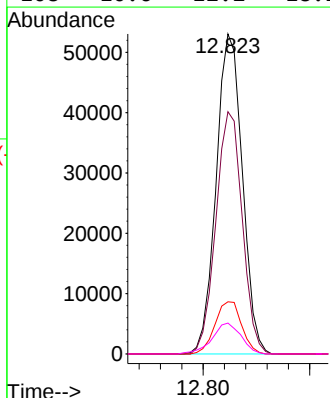
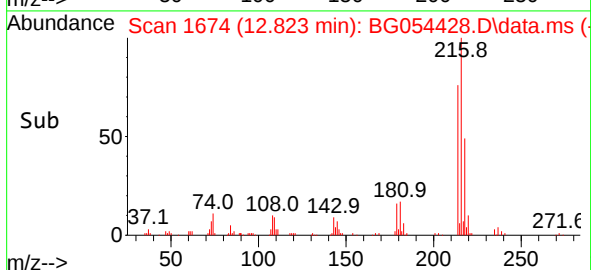
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

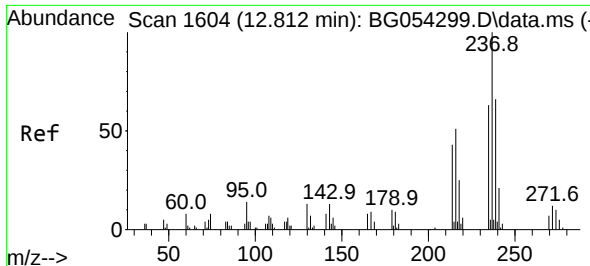


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.322 ng
RT: 12.823 min Scan# 1674
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



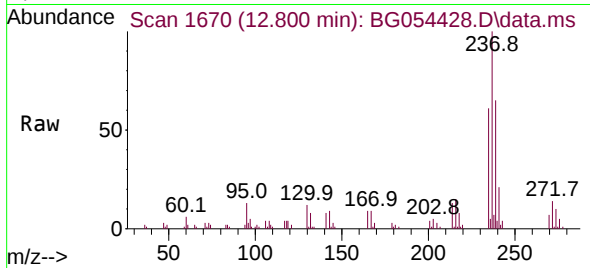
Tgt Ion:216 Resp: 90539
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 16.6 16.1 24.1
108 10.6 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 60.179 ng
RT: 12.800 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

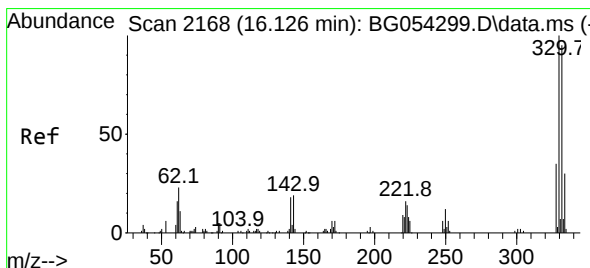
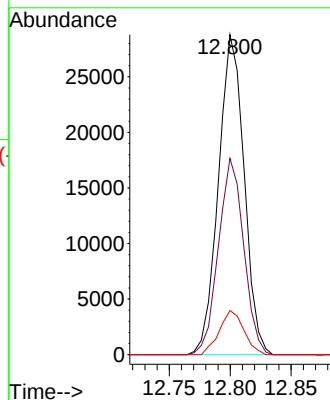
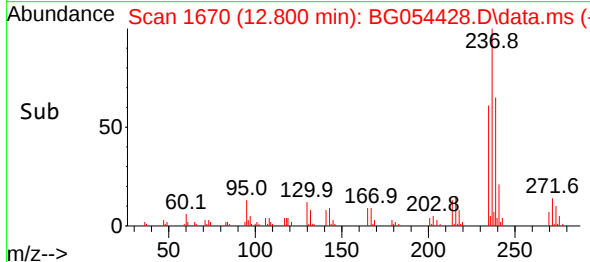
Instrument :
BNA_G
ClientSampleId :
PB146489BS



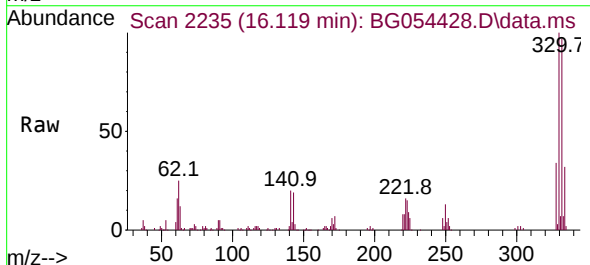
Tgt Ion:237 Resp: 42166
Ion Ratio Lower Upper
237 100
235 61.3 43.5 83.5
272 13.8 0.0 30.1

Manual Integrations
APPROVED

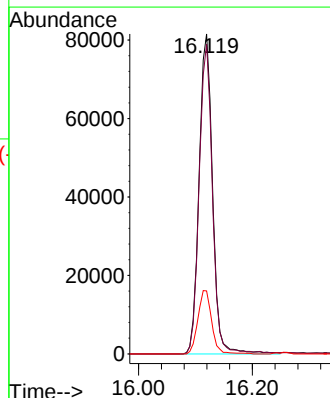
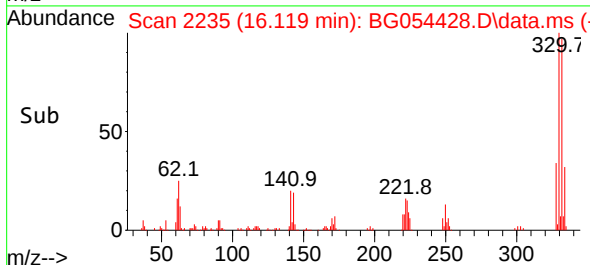
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

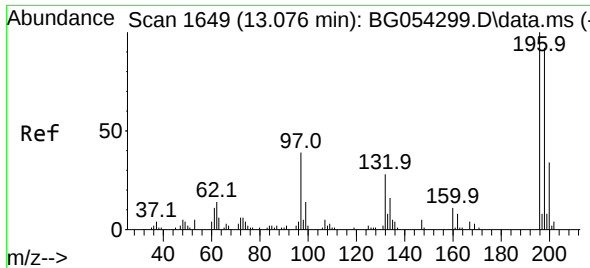


#42
2,4,6-Tribromophenol
Concen: 124.189 ng
RT: 16.119 min Scan# 2235
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



Tgt Ion:330 Resp: 133637
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 20.2 27.1 40.7#





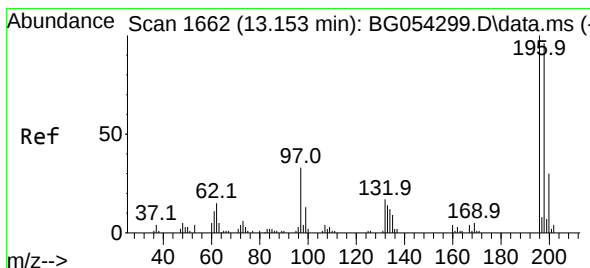
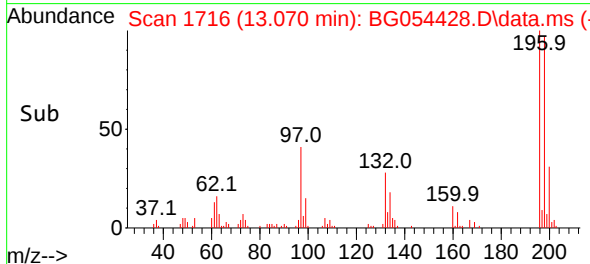
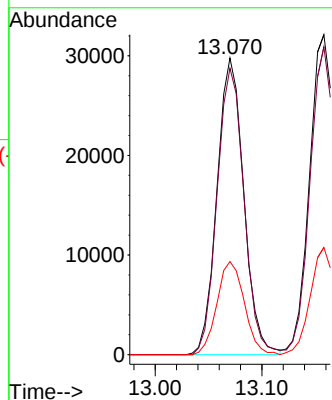
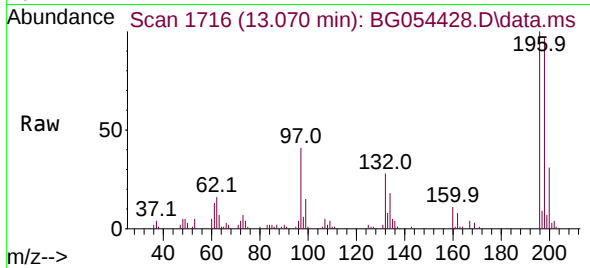
#43
2,4,6-Trichlorophenol
Concen: 42.485 ng
RT: 13.070 min Scan# 1716
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:196 Resp: 51942
Ion Ratio Lower Upper
196 100
198 96.6 74.1 111.1
200 31.4 24.7 37.1

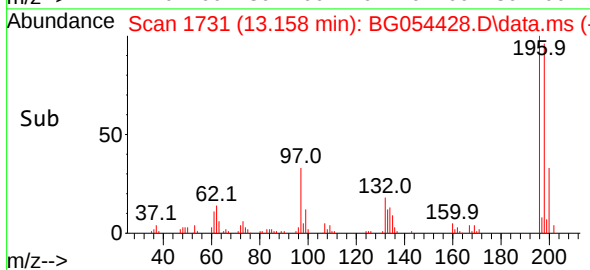
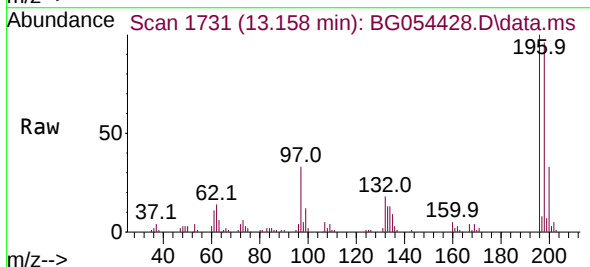
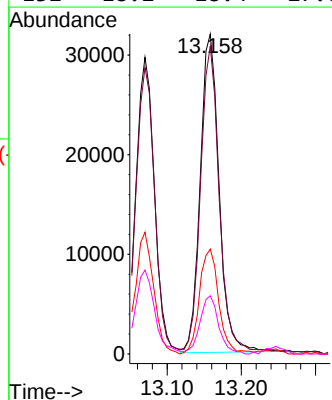
Manual Integrations
APPROVED

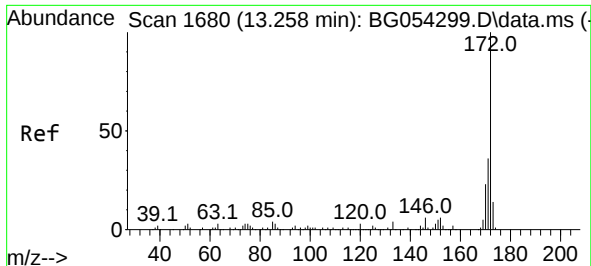
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#44
2,4,5-Trichlorophenol
Concen: 41.035 ng
RT: 13.158 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:196 Resp: 56686
Ion Ratio Lower Upper
196 100
198 96.2 76.8 115.2
97 32.8 39.8 59.6#
132 18.2 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 78.124 ng
RT: 13.246 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

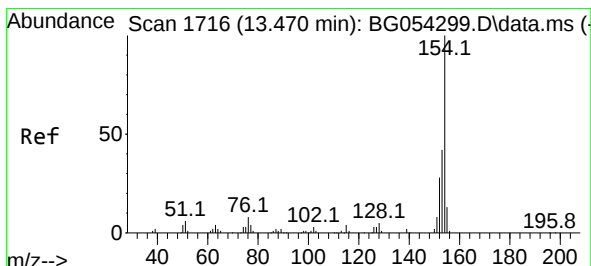
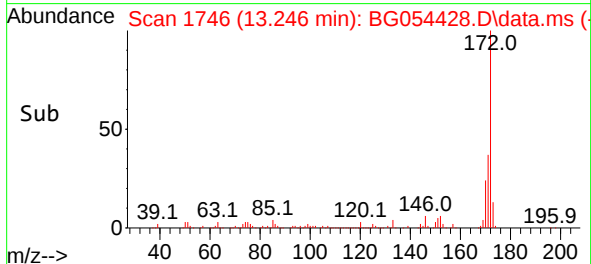
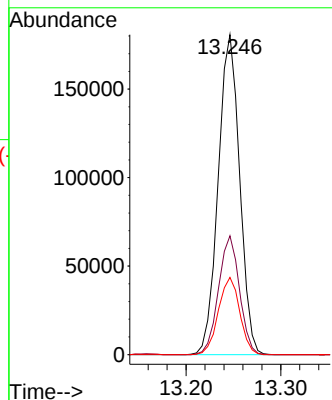
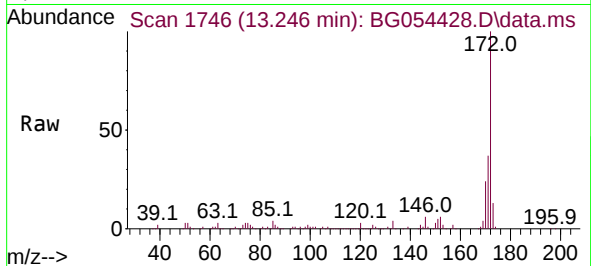
ClientSampleId :

PB146489BS

Tgt Ion:172 Resp: 283828
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.1 18.9 28.3

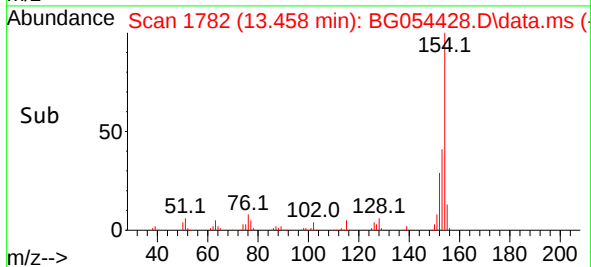
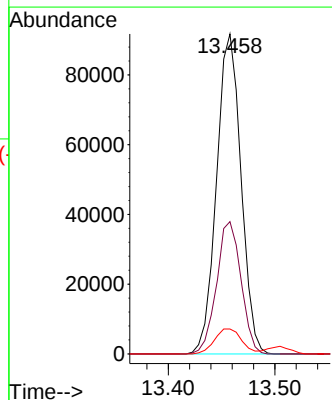
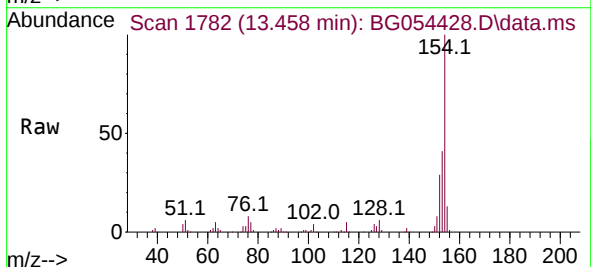
Manual Integrations
APPROVED

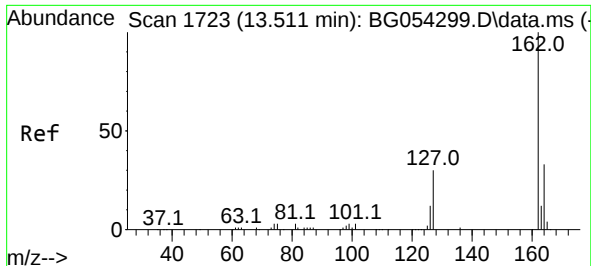
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#46
1,1'-Biphenyl
Concen: 41.676 ng
RT: 13.458 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:154 Resp: 146126
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 7.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 41.466 ng

RT: 13.505 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

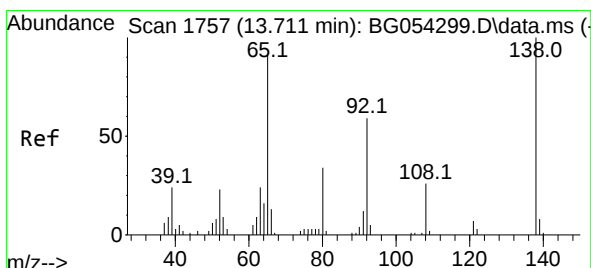
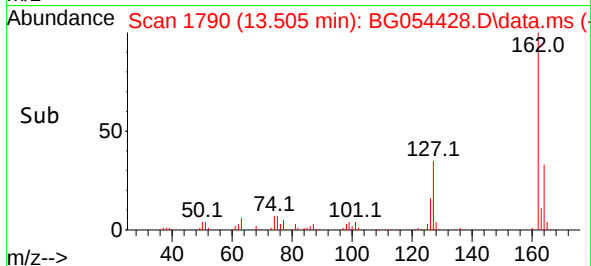
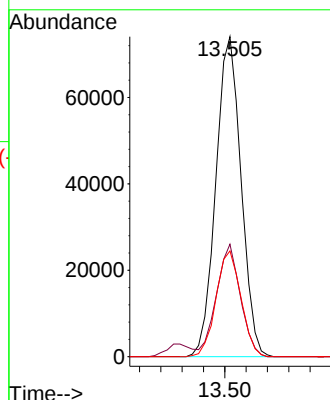
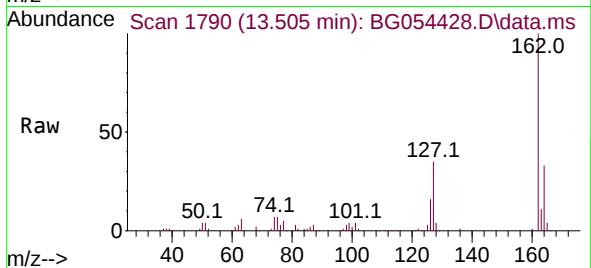
PB146489BS

Tgt Ion:162	Resp:	121673
Ion Ratio	Lower	Upper
162	100	
127	35.1	30.6 45.8
164	33.0	26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#48

2-Nitroaniline

Concen: 44.530 ng

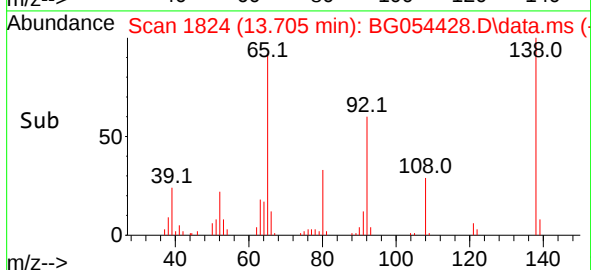
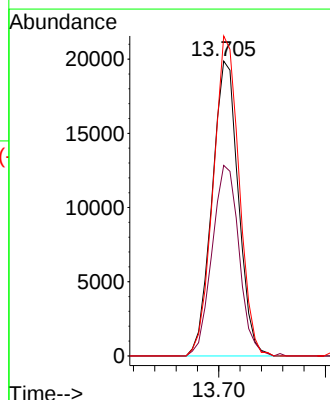
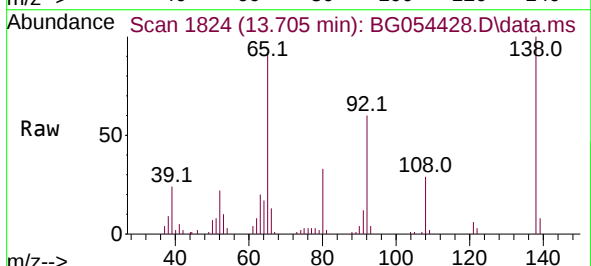
RT: 13.705 min Scan# 1824

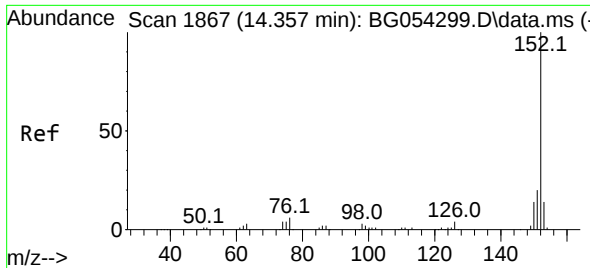
Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

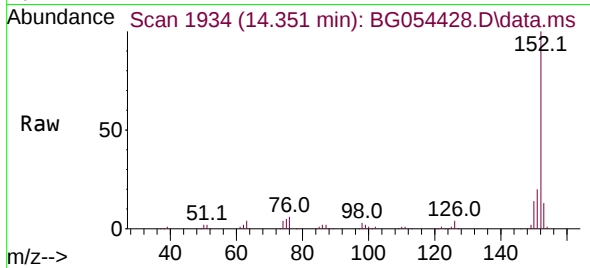
Tgt Ion: 65	Resp:	34101
Ion Ratio	Lower	Upper
65	100	
92	64.6	51.5 77.3
138	108.5	71.3 106.9





#49
Acenaphthylene
Concen: 41.950 ng
RT: 14.351 min Scan# 1934
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

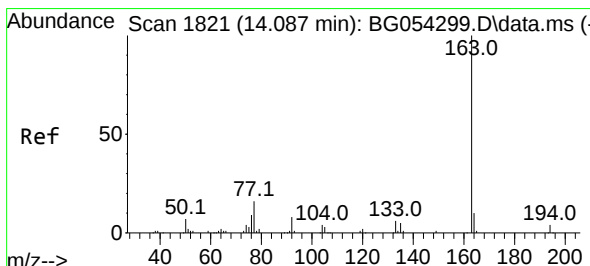
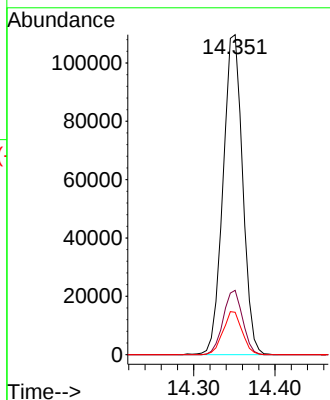
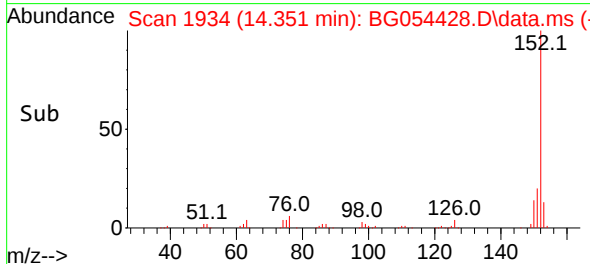
Instrument :
BNA_G
ClientSampleId :
PB146489BS



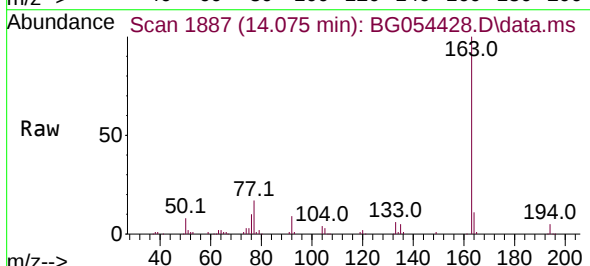
Tgt Ion:152 Resp: 182905
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.2 10.8 16.2

Manual Integrations
APPROVED

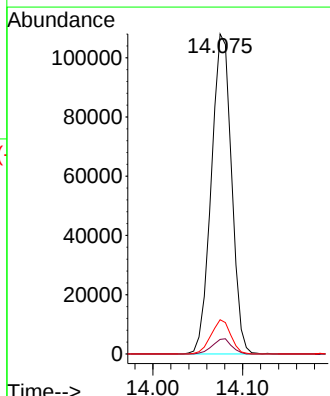
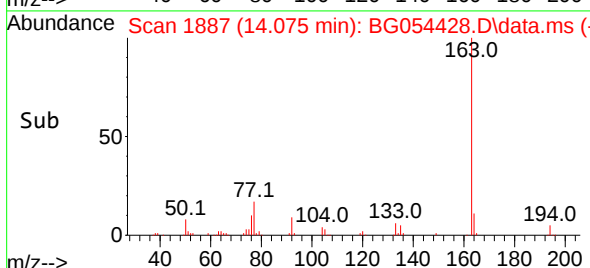
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

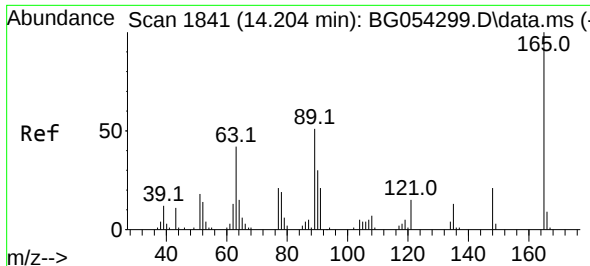


#50
Dimethylphthalate
Concen: 42.169 ng
RT: 14.075 min Scan# 1887
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



Tgt Ion:163 Resp: 168812
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.7 8.0 12.0





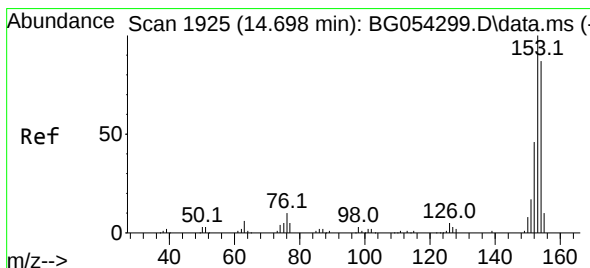
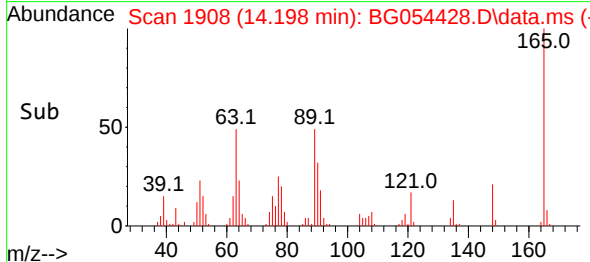
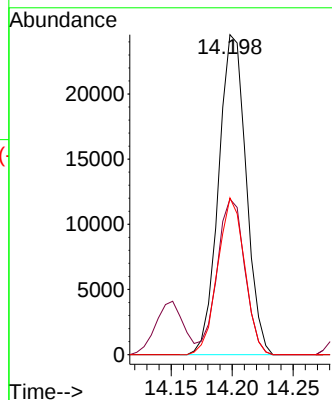
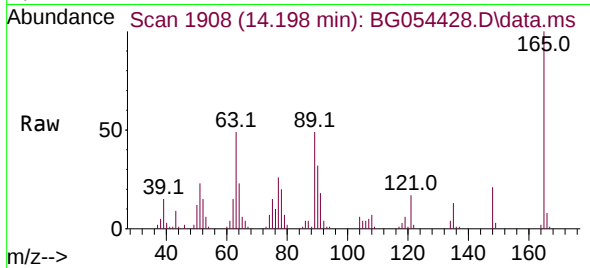
#51
2,6-Dinitrotoluene
Concen: 43.970 ng
RT: 14.198 min Scan# 1908
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:165 Resp: 38608
Ion Ratio Lower Upper
165 100
63 48.6 54.1 81.1
89 49.0 54.8 82.2

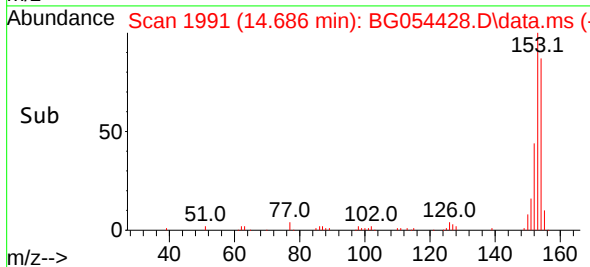
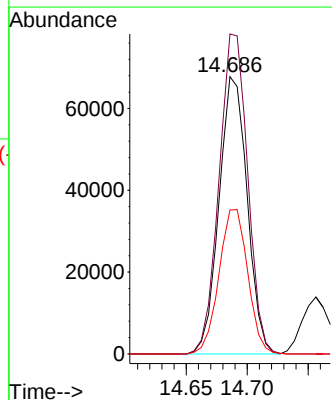
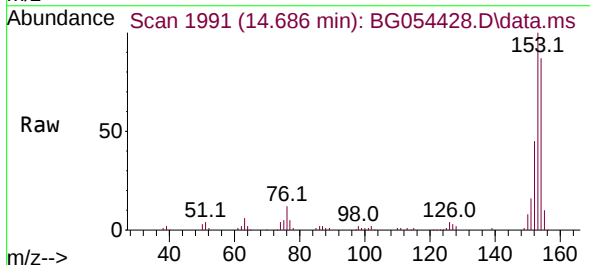
Manual Integrations
APPROVED

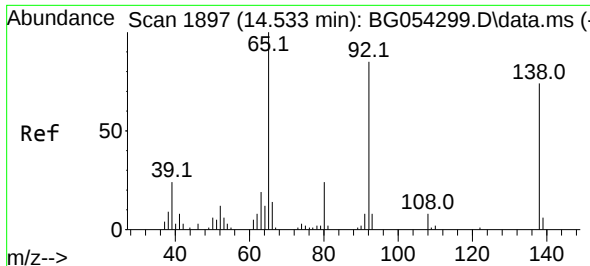
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#52
Acenaphthene
Concen: 41.212 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

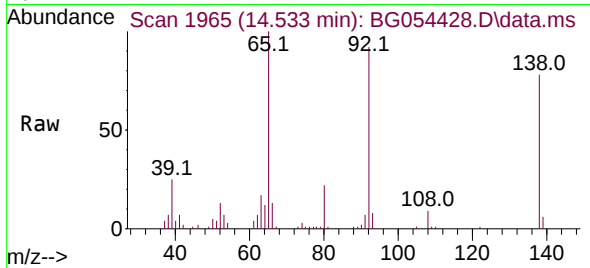
Tgt Ion:154 Resp: 108809
Ion Ratio Lower Upper
154 100
153 115.4 92.7 139.1
152 51.9 42.6 64.0





#53
3-Nitroaniline
Concen: 39.708 ng
RT: 14.533 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

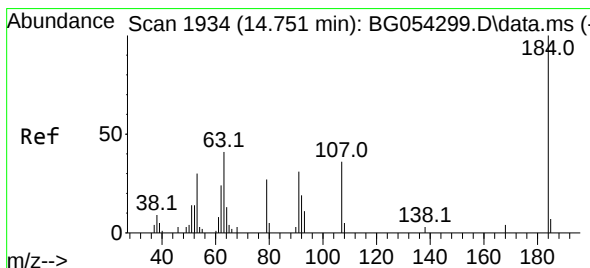
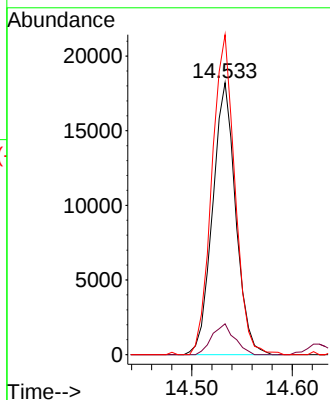
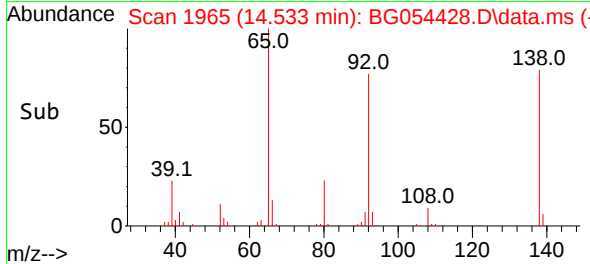
Instrument :
BNA_G
ClientSampleId :
PB146489BS



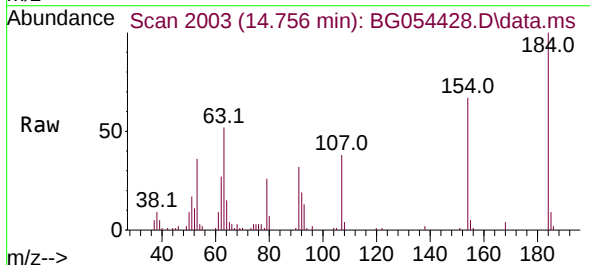
Tgt Ion:138 Resp: 29160
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 117.7 101.9 152.9

Manual Integrations
APPROVED

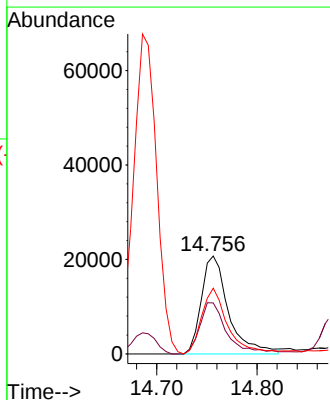
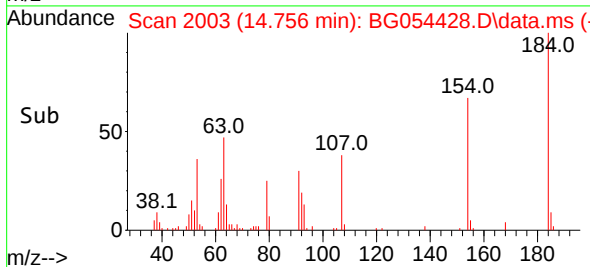
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

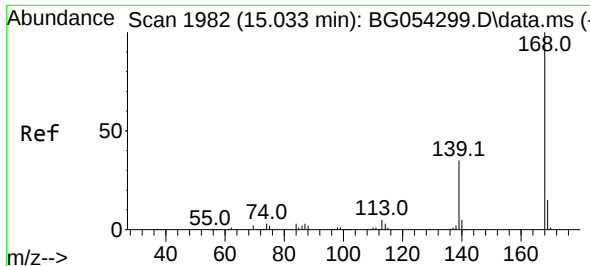


#54
2,4-Dinitrophenol
Concen: 76.704 ng
RT: 14.756 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



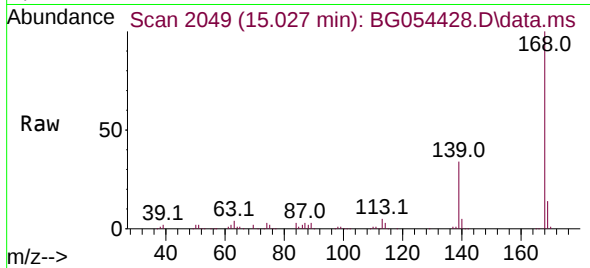
Tgt Ion:184 Resp: 38941
Ion Ratio Lower Upper
184 100
63 52.2 61.1 91.7#
154 67.1 60.6 91.0





#55
Dibenzofuran
Concen: 41.617 ng
RT: 15.027 min Scan# 2049
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

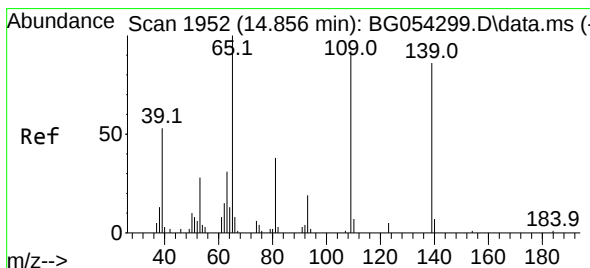
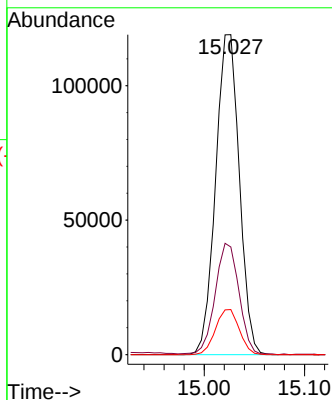
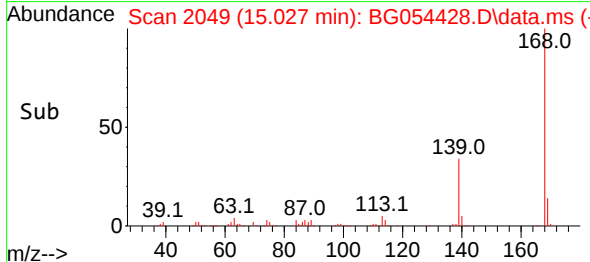
Instrument :
BNA_G
ClientSampleId :
PB146489BS



Tgt Ion:168 Resp: 195506
Ion Ratio Lower Upper
168 100
139 33.6 30.5 45.7
169 14.1 10.3 15.5

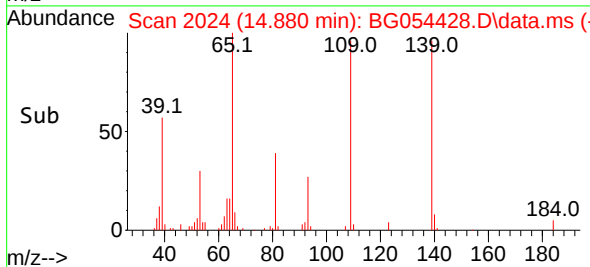
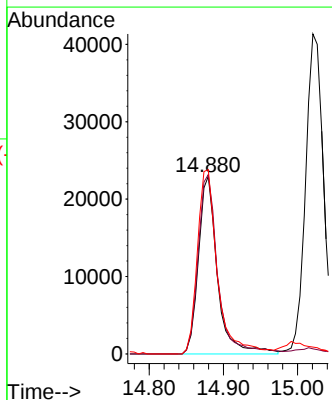
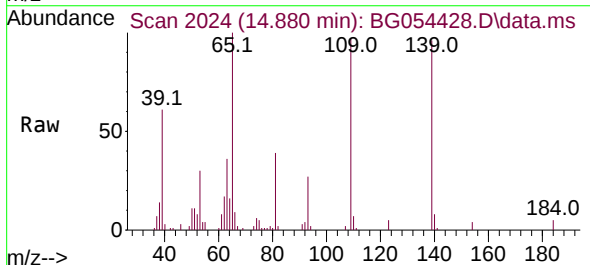
Manual Integrations
APPROVED

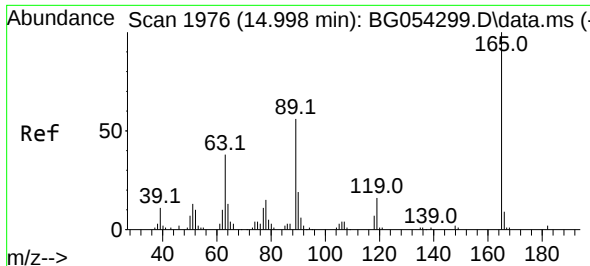
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#56
4-Nitrophenol
Concen: 83.095 ng
RT: 14.880 min Scan# 2024
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:139 Resp: 40712
Ion Ratio Lower Upper
139 100
109 101.0 88.5 128.5
65 103.7 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 45.537 ng
RT: 14.997 min Scan# 2044
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

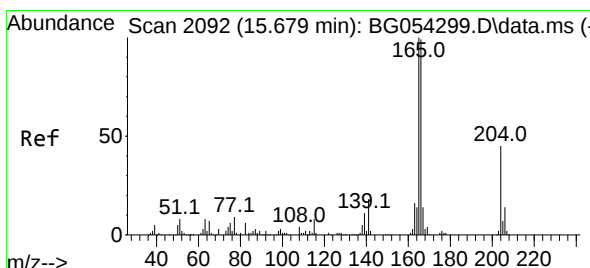
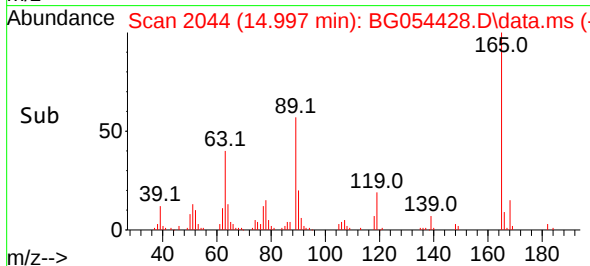
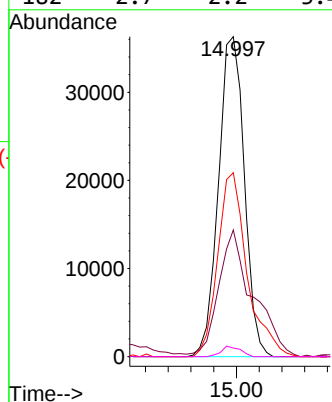
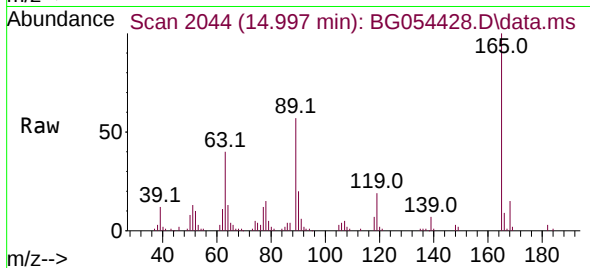
PB146489BS

Tgt Ion:165 Resp: 5732
Ion Ratio Lower Upper
165 100
63 39.6 34.6 52.0
89 57.5 60.3 90.5
182 2.7 2.2 3.4

Manual Integrations

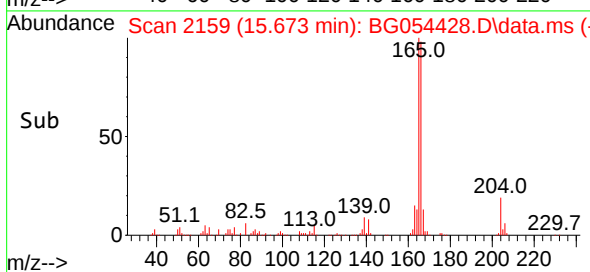
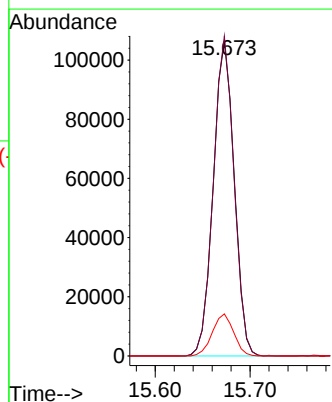
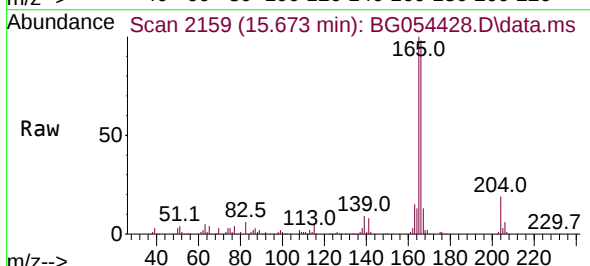
APPROVED

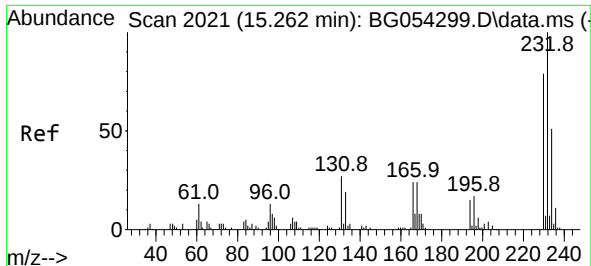
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#58
Fluorene
Concen: 42.366 ng
RT: 15.673 min Scan# 2159
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:166 Resp: 163636
Ion Ratio Lower Upper
166 100
165 101.6 75.0 112.6
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.187 ng
RT: 15.262 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

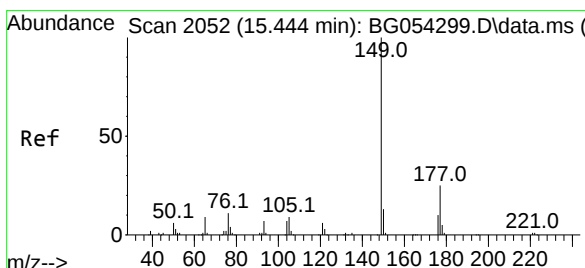
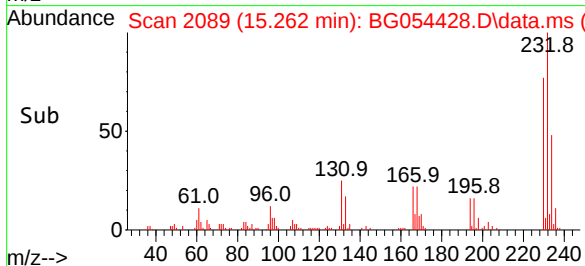
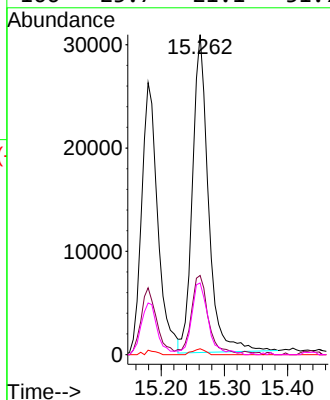
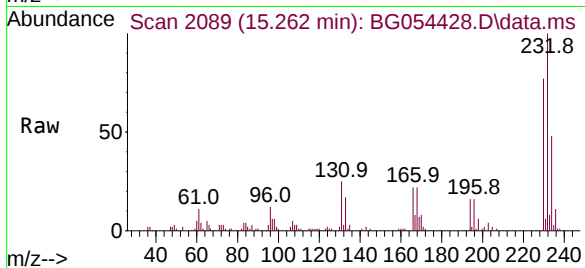
PB146489BS

Tgt Ion:232 Resp: 54048
Ion Ratio Lower Upper
232 100
131 26.5 30.6 46.0
130 1.4 1.8 2.8
166 23.7 21.1 31.7

Manual Integrations

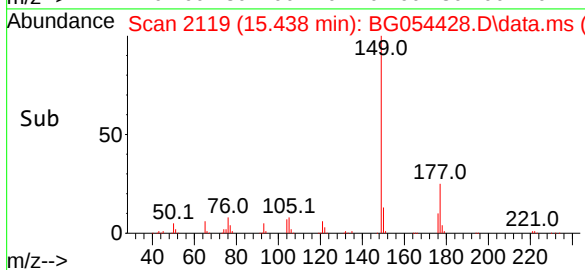
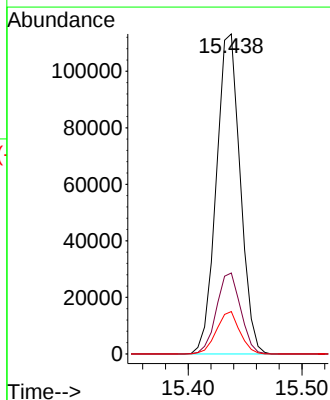
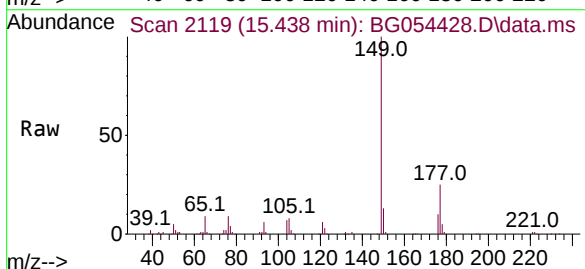
APPROVED

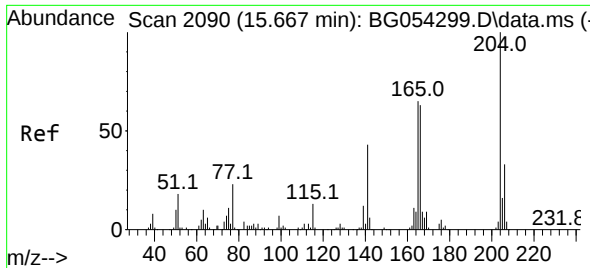
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#60
Diethylphthalate
Concen: 43.027 ng
RT: 15.438 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:149 Resp: 165237
Ion Ratio Lower Upper
149 100
177 25.3 18.4 27.6
150 13.2 11.2 16.8





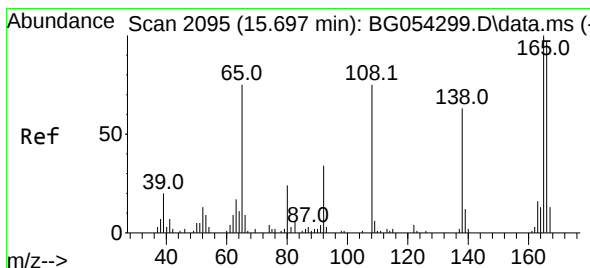
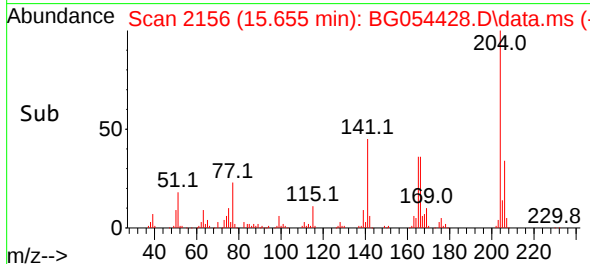
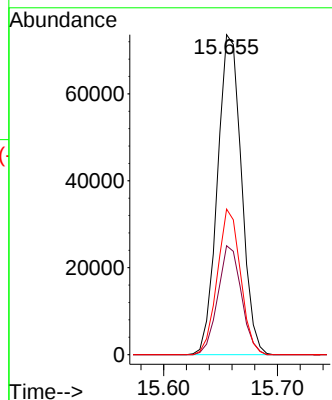
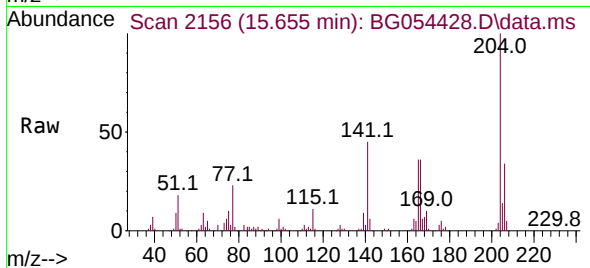
#61
4-Chlorophenyl-phenylether
Concen: 42.519 ng
RT: 15.655 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:204 Resp: 107802
Ion Ratio Lower Upper
204 100
206 34.0 27.5 41.3
141 45.5 45.3 67.9

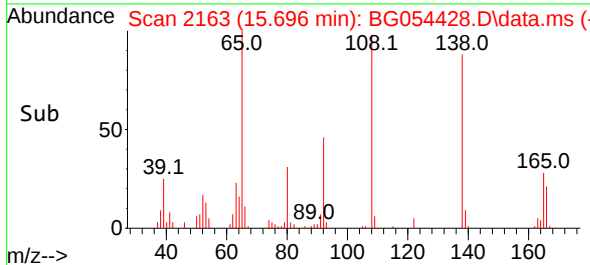
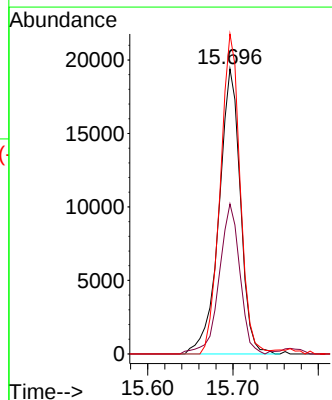
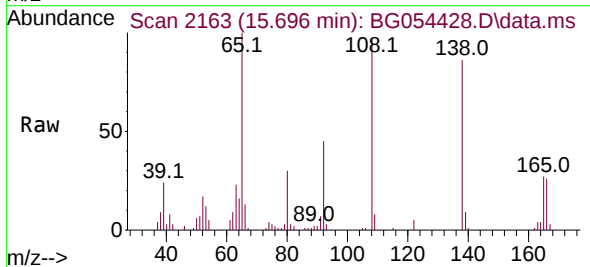
Manual Integrations
APPROVED

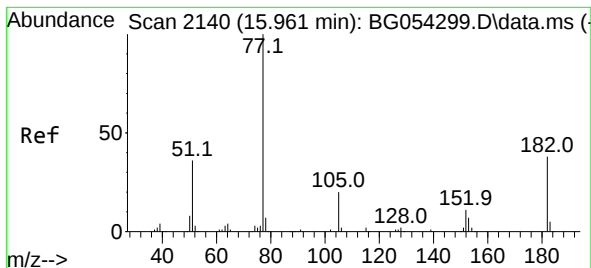
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#62
4-Nitroaniline
Concen: 43.760 ng
RT: 15.696 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:138 Resp: 33762
Ion Ratio Lower Upper
138 100
92 52.6 40.5 80.5
108 112.3 103.7 143.7





#63

Azobenzene

Concen: 43.249 ng

RT: 15.955 min Scan# 2140

Delta R.T. 0.005 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB146489BS

Tgt Ion: 77 Resp: 12000

Ion Ratio Lower Upper

77 100

182 39.4 3.8 43.8

105 21.5 0.0 37.8

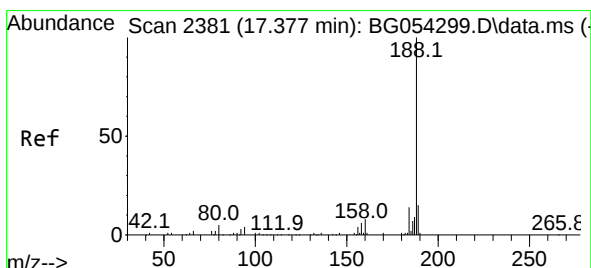
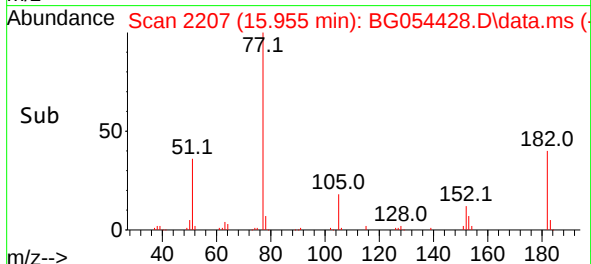
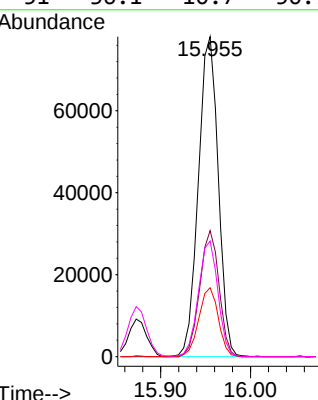
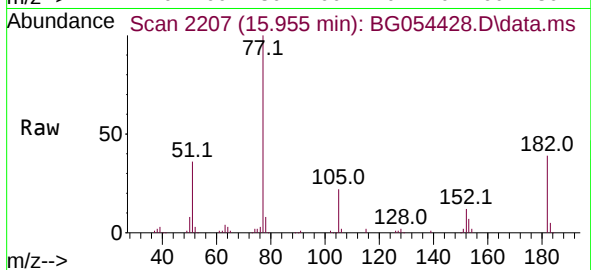
51 36.1 10.7 50.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.371 min Scan# 2448

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

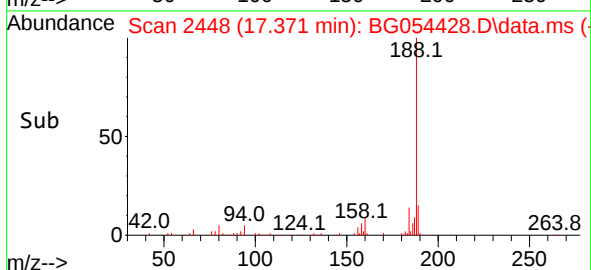
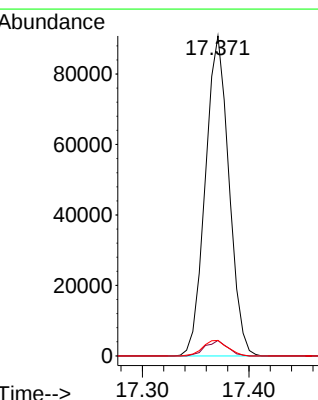
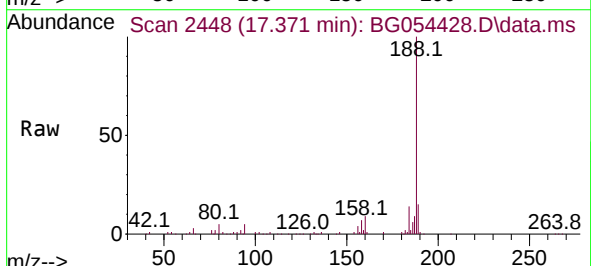
Tgt Ion:188 Resp: 139936

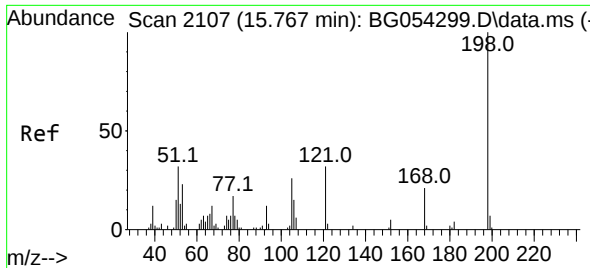
Ion Ratio Lower Upper

188 100

94 4.8 5.4 8.0#

80 4.8 6.8 10.2#





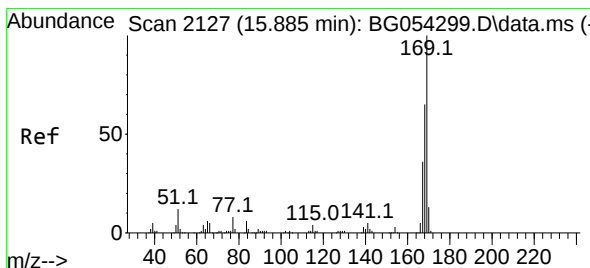
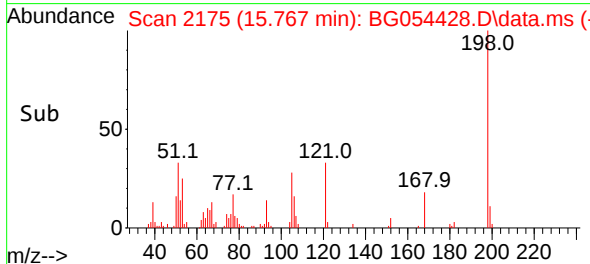
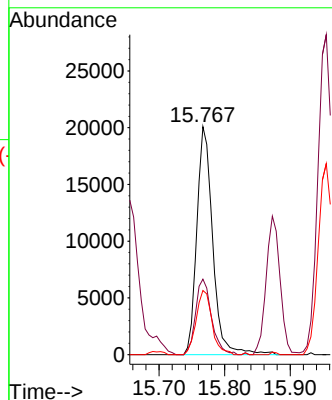
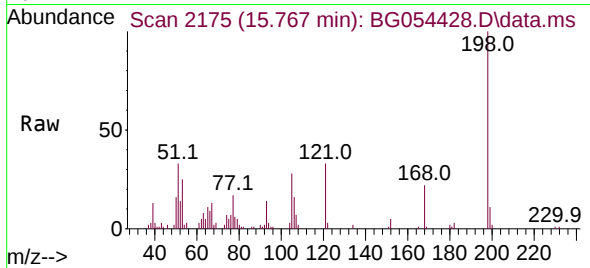
#65
4,6-Dinitro-2-methylphenol
Concen: 39.044 ng
RT: 15.767 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:198 Resp: 3375
Ion Ratio Lower Upper
198 100
51 33.1 28.1 68.1
105 28.1 20.3 60.3

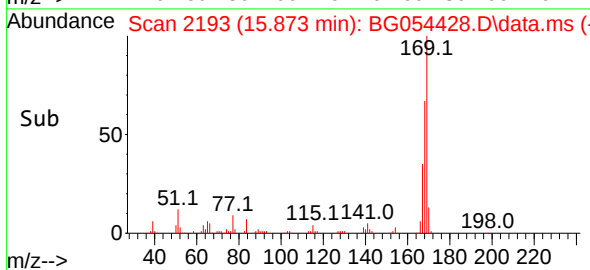
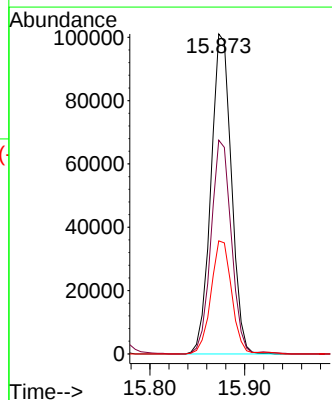
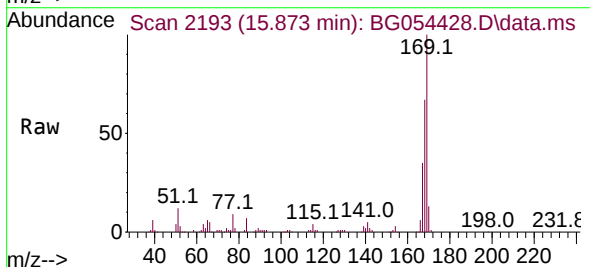
Manual Integrations
APPROVED

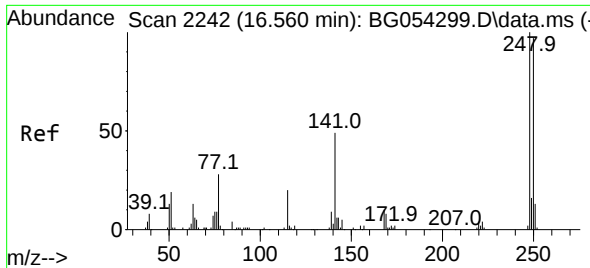
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#66
n-Nitrosodiphenylamine
Concen: 43.287 ng
RT: 15.873 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

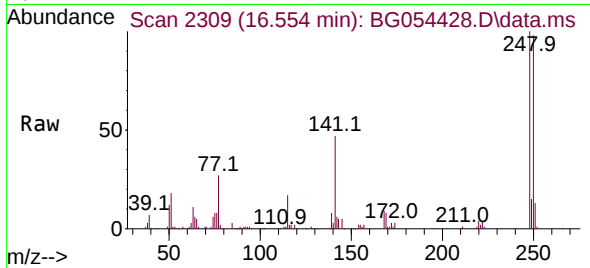
Tgt Ion:169 Resp: 151235
Ion Ratio Lower Upper
169 100
168 66.8 55.9 83.9
167 35.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.846 ng
RT: 16.554 min Scan# 2309
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

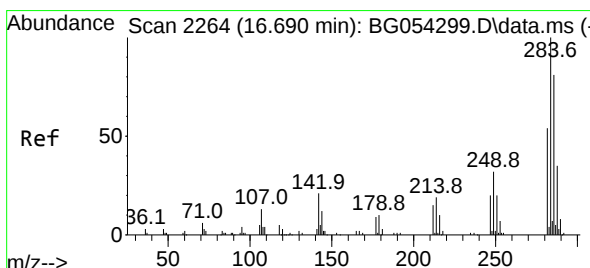
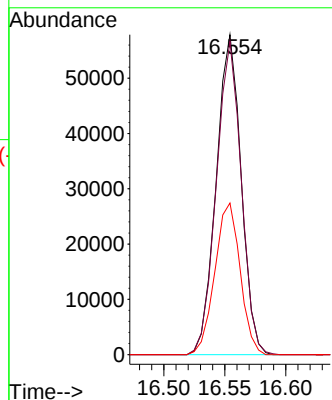
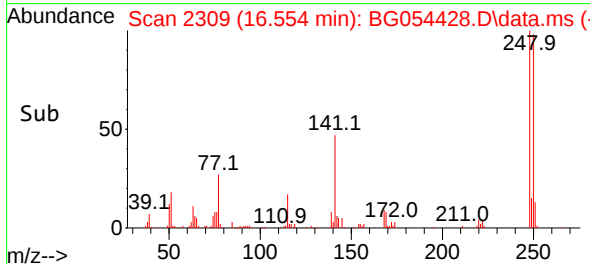
Instrument :
BNA_G
ClientSampleId :
PB146489BS



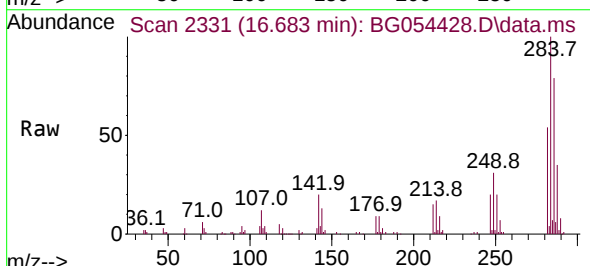
Tgt Ion:248 Resp: 8224
Ion Ratio Lower Upper
248 100
250 97.8 75.2 112.8
141 47.4 50.0 75.0

Manual Integrations
APPROVED

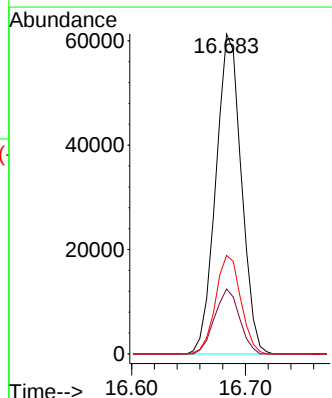
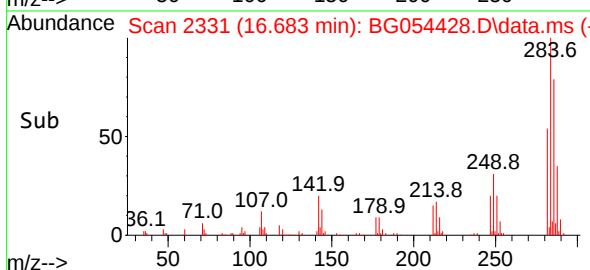
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

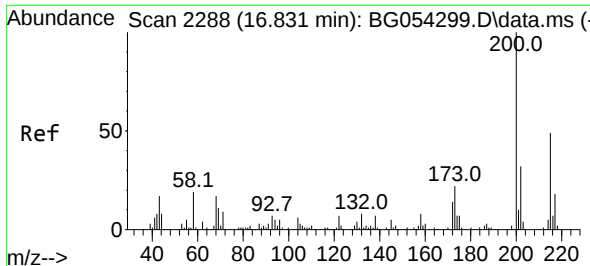


#68
Hexachlorobenzene
Concen: 42.478 ng
RT: 16.683 min Scan# 2331
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



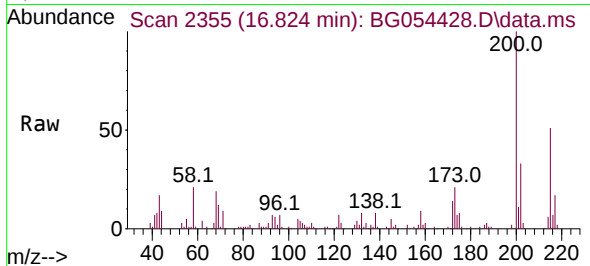
Tgt Ion:284 Resp: 95470
Ion Ratio Lower Upper
284 100
142 20.3 23.6 35.4
249 32.7 25.8 38.6





#69
 Atrazine
 Concen: 49.540 ng
 RT: 16.824 min Scan# 2391
 Delta R.T. 0.005 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

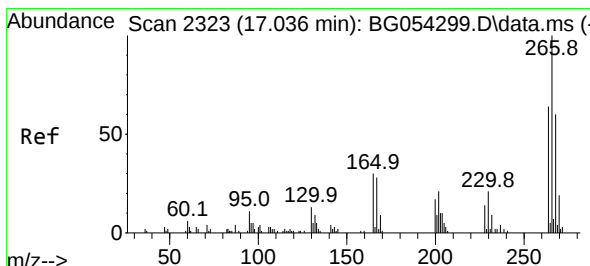
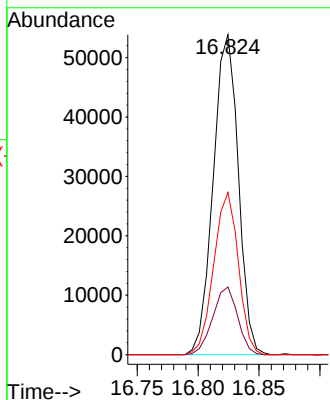
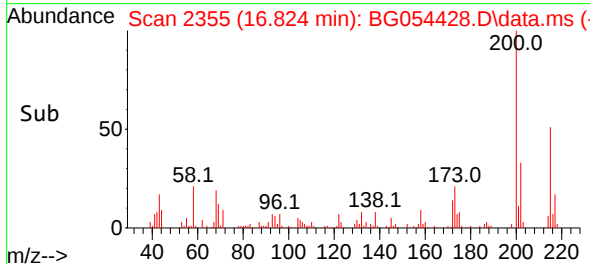
Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS



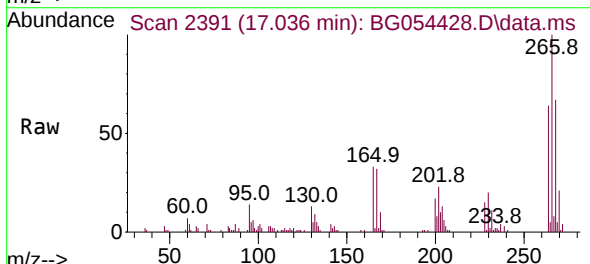
Tgt Ion:200 Resp: 77020
 Ion Ratio Lower Upper
 200 100
 173 21.1 3.7 43.7
 215 50.7 25.2 65.2

Manual Integrations
 APPROVED

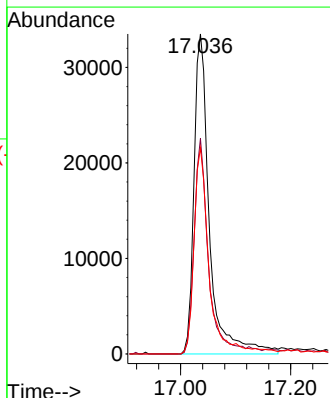
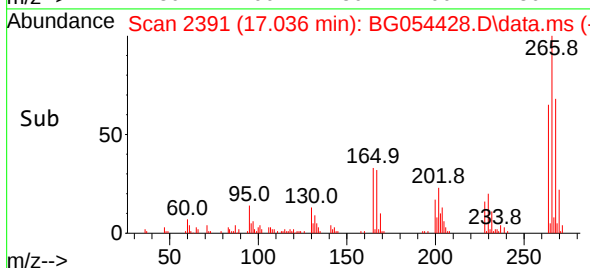
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

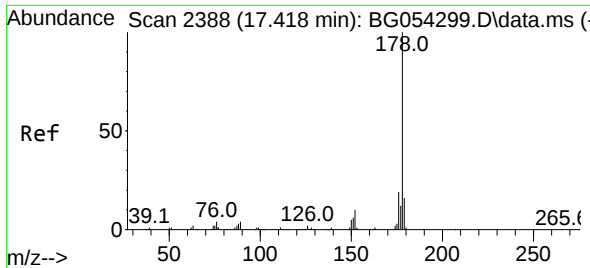


#70
 Pentachlorophenol
 Concen: 67.564 ng
 RT: 17.036 min Scan# 2391
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09



Tgt Ion:266 Resp: 65262
 Ion Ratio Lower Upper
 266 100
 268 72.2 56.2 84.2
 264 64.4 53.0 79.4





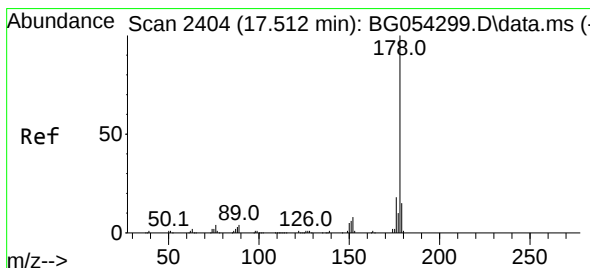
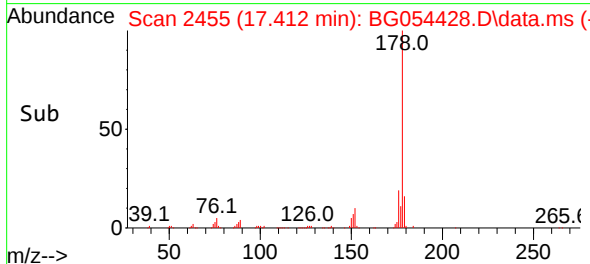
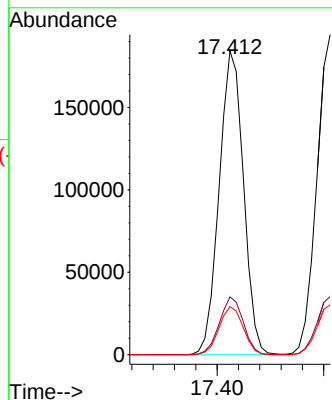
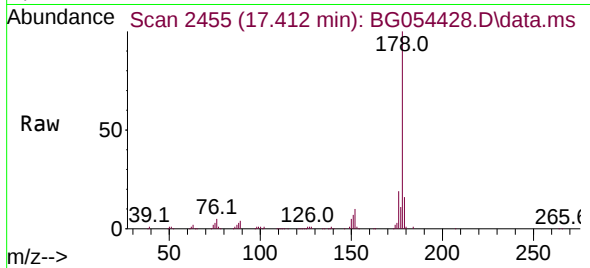
#71
Phenanthrene
Concen: 41.950 ng
RT: 17.412 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Tgt Ion:178 Resp: 292335
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.8 12.1 18.1

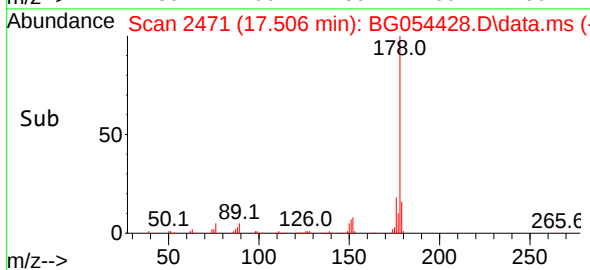
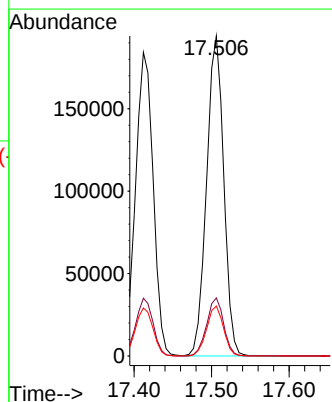
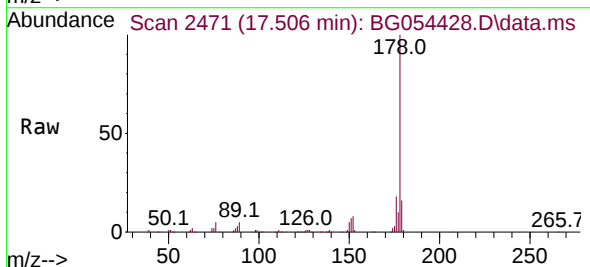
Manual Integrations
APPROVED

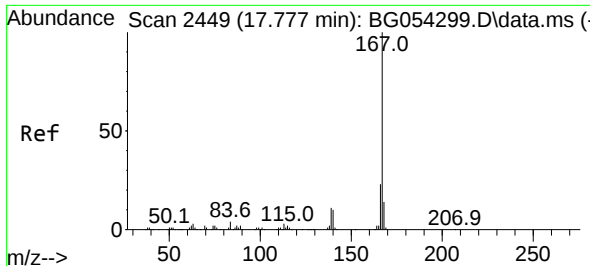
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#72
Anthracene
Concen: 43.598 ng
RT: 17.506 min Scan# 2471
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

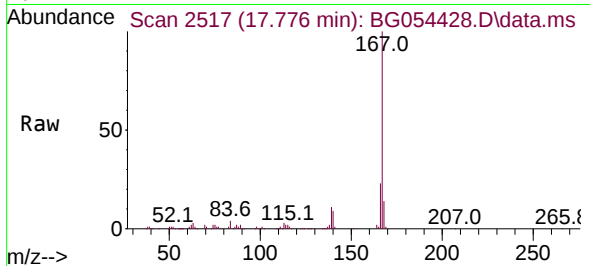
Tgt Ion:178 Resp: 298149
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.6 13.0 19.4





#73
 Carbazole
 Concen: 45.343 ng
 RT: 17.776 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

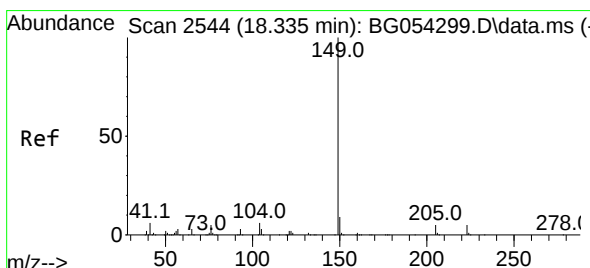
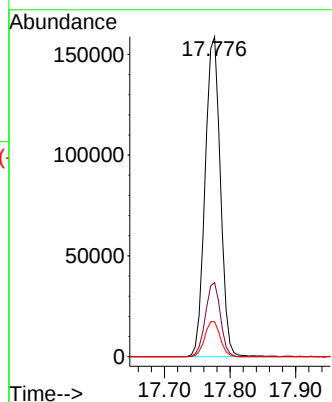
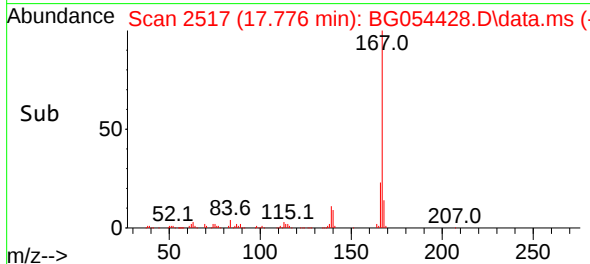
Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS



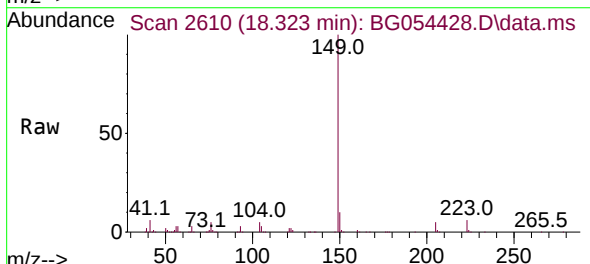
Tgt Ion:167 Resp: 255283
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 10.9 10.1 15.1

Manual Integrations
 APPROVED

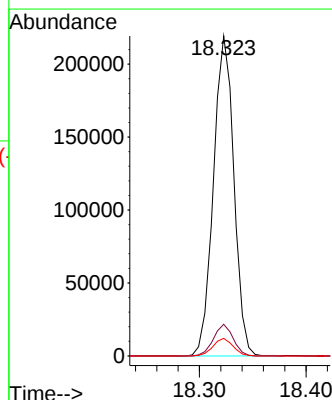
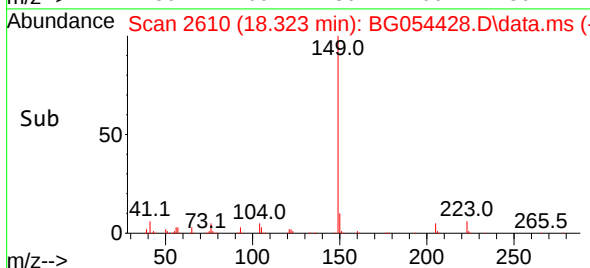
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

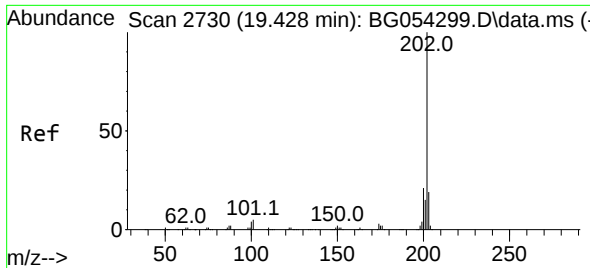


#74
 Di-n-butylphthalate
 Concen: 44.016 ng
 RT: 18.323 min Scan# 2610
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09



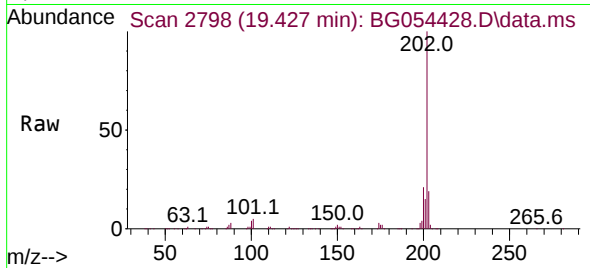
Tgt Ion:149 Resp: 292441
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.5 5.4 8.0





#75
Fluoranthene
Concen: 41.191 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

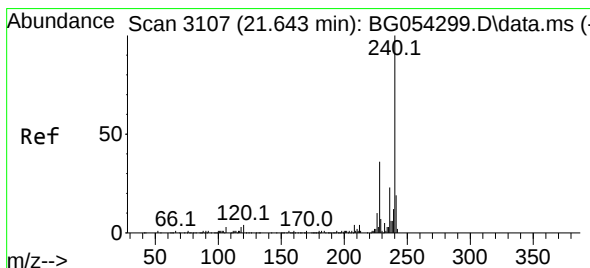
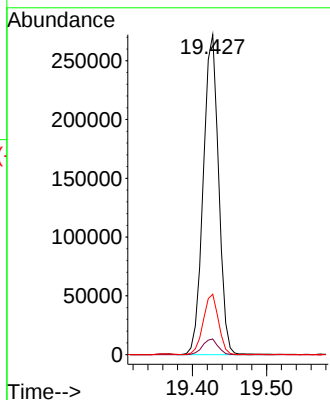
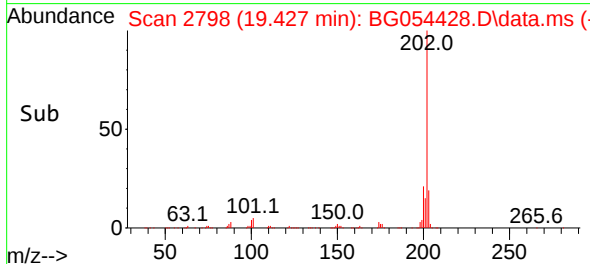
Instrument :
BNA_G
ClientSampleId :
PB146489BS



Tgt Ion:202 Resp: 391296
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 18.9 0.0 37.2

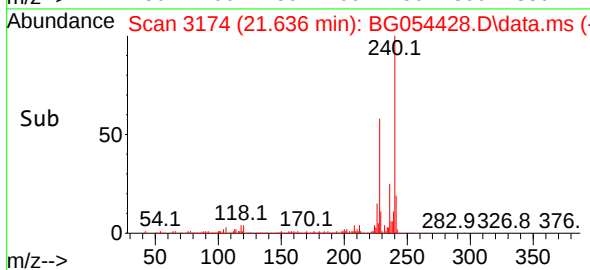
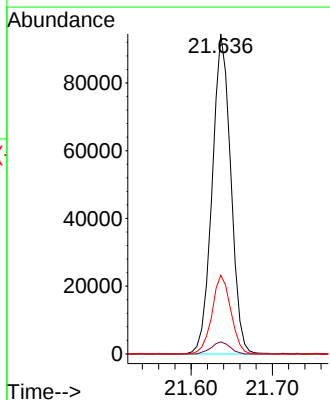
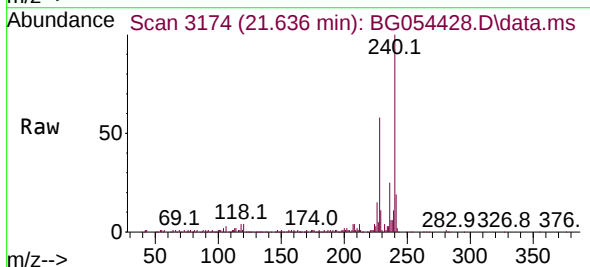
Manual Integrations
APPROVED

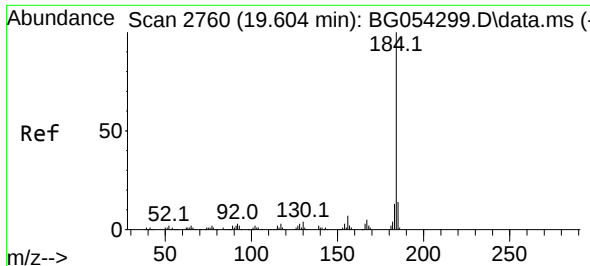
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

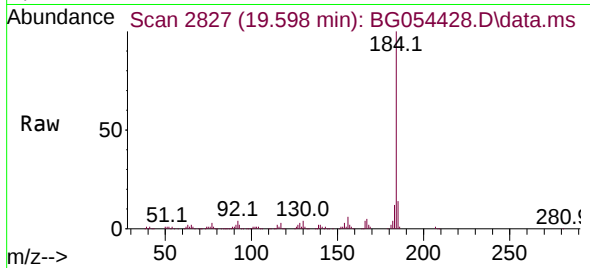
Tgt Ion:240 Resp: 150301
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.6 20.2 30.4





#77
Benzidine
Concen: 71.156 ng
RT: 19.598 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

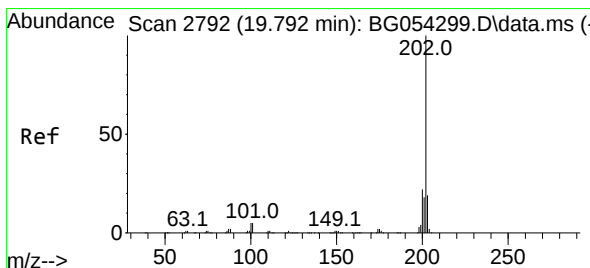
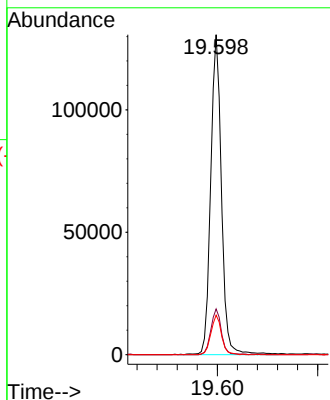
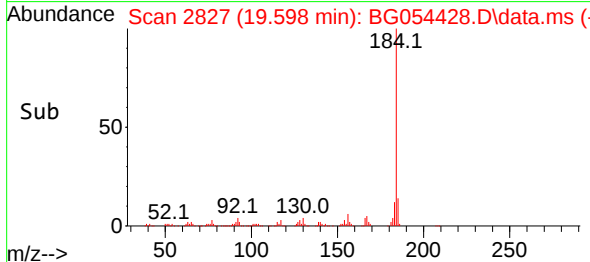
Instrument :
BNA_G
ClientSampleId :
PB146489BS



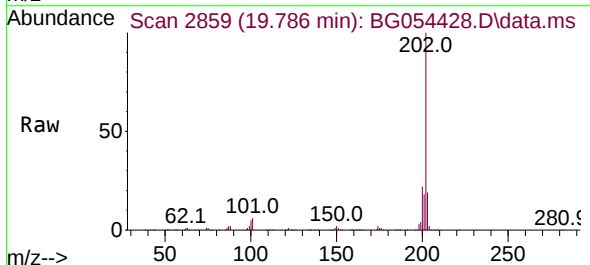
Tgt Ion:184 Resp: 193691
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.3 8.9 13.3

Manual Integrations
APPROVED

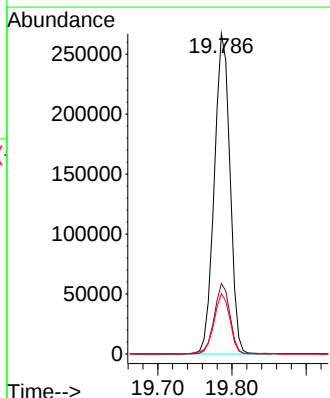
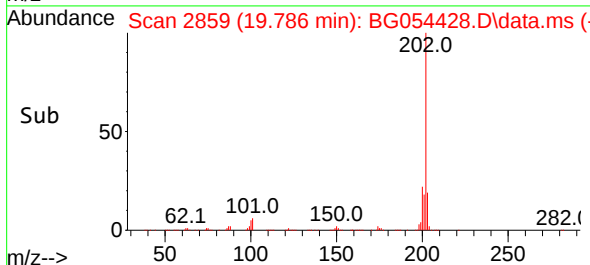
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

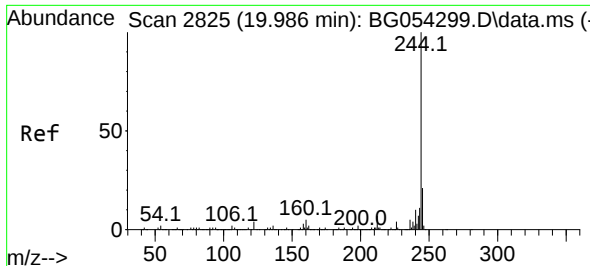


#78
Pyrene
Concen: 45.525 ng
RT: 19.786 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



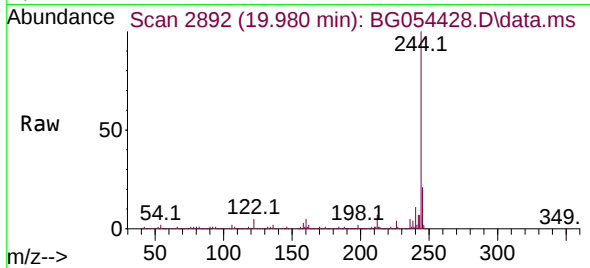
Tgt Ion:202 Resp: 392614
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 18.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 90.545 ng
 RT: 19.980 min Scan# 2825
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

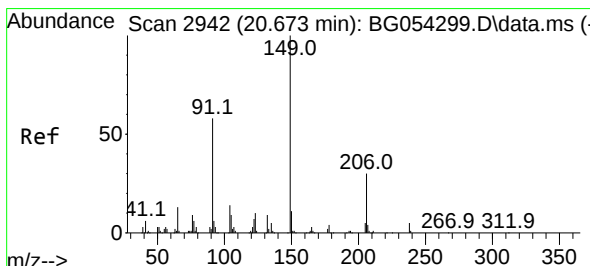
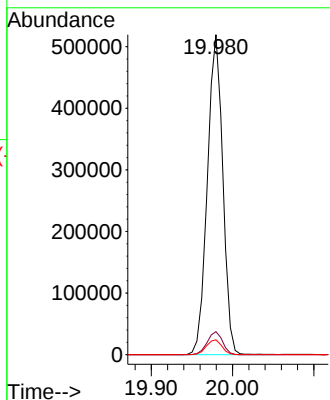
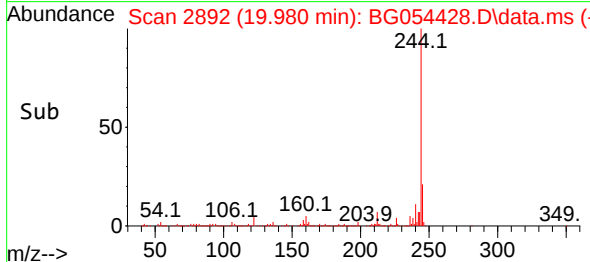
Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS



Tgt Ion:244 Resp: 68600
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.6 5.0 7.4

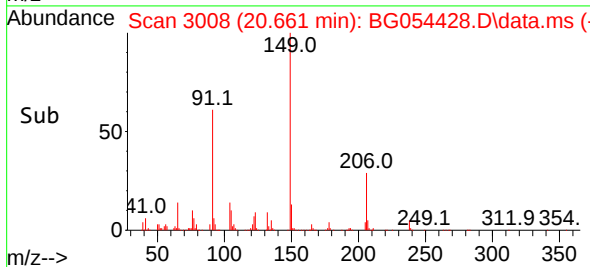
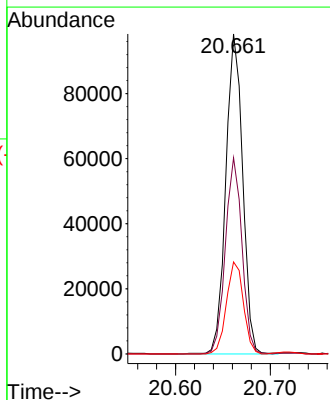
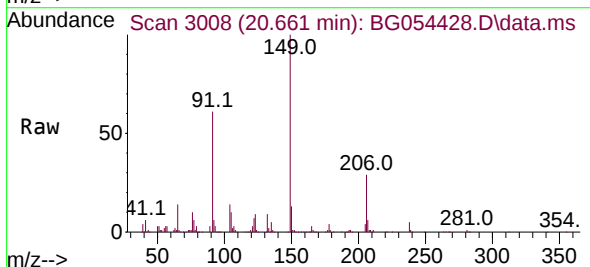
Manual Integrations
 APPROVED

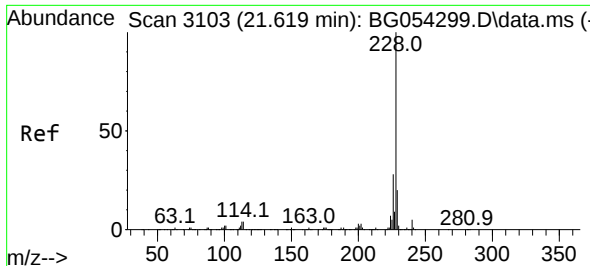
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#80
 Butylbenzylphthalate
 Concen: 45.092 ng
 RT: 20.661 min Scan# 3008
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

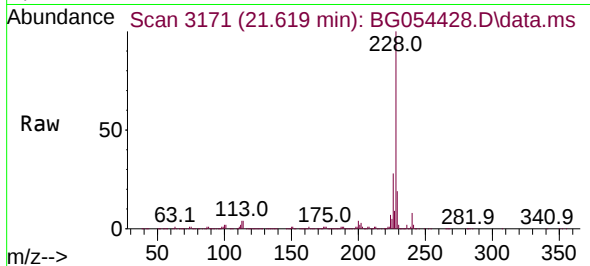
Tgt Ion:149 Resp: 121188
 Ion Ratio Lower Upper
 149 100
 91 61.3 59.6 89.4
 206 28.7 18.6 28.0





#81
Benzo(a)anthracene
Concen: 42.620 ng
RT: 21.619 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

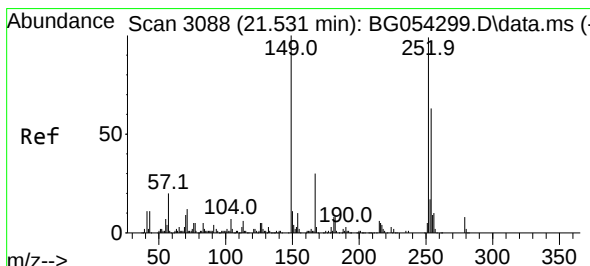
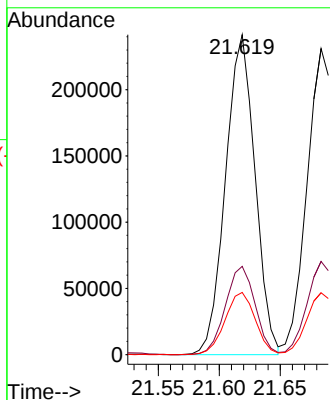
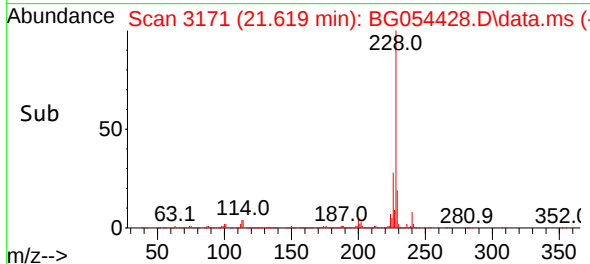
Instrument :
BNA_G
ClientSampleId :
PB146489BS



Tgt Ion:228 Resp: 406637
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.5 16.2 24.2

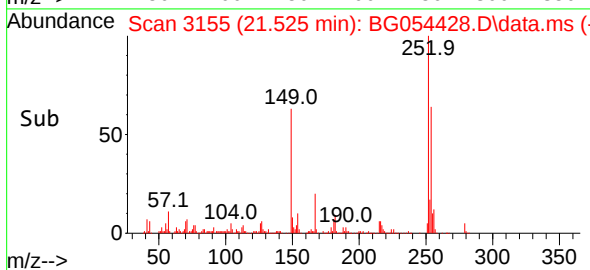
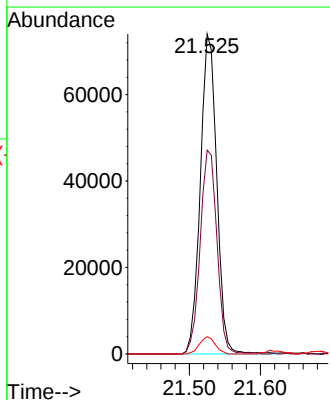
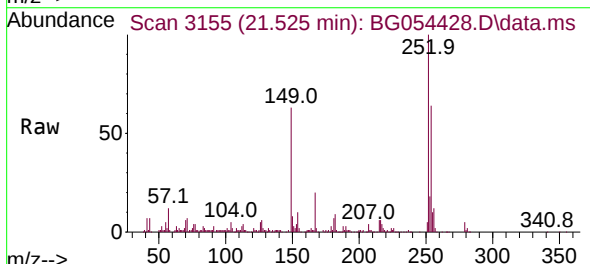
Manual Integrations
APPROVED

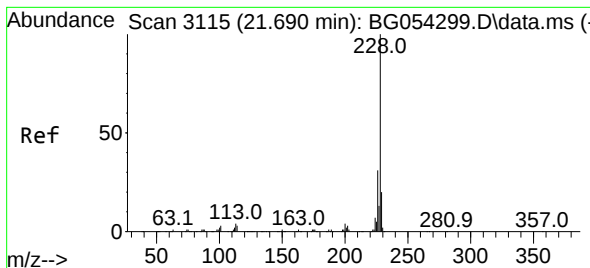
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.878 ng
RT: 21.525 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Tgt Ion:252 Resp: 118330
Ion Ratio Lower Upper
252 100
254 63.7 49.8 74.8
126 5.4 6.0 9.0#





#83

Chrysene

Concen: 42.326 ng

RT: 21.683 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB146489BS

Tgt Ion:228 Resp: 381530

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

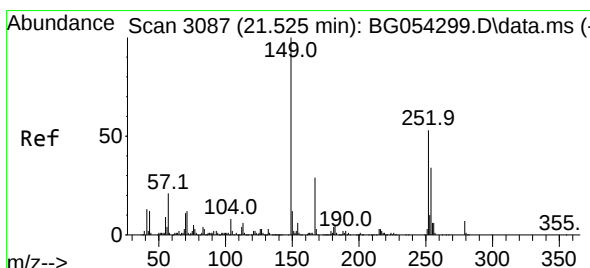
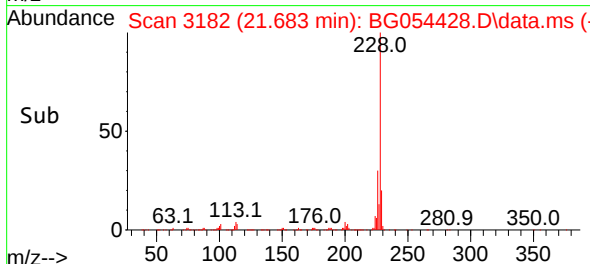
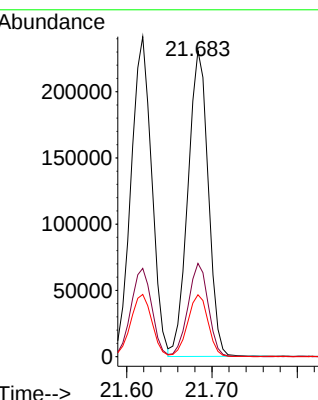
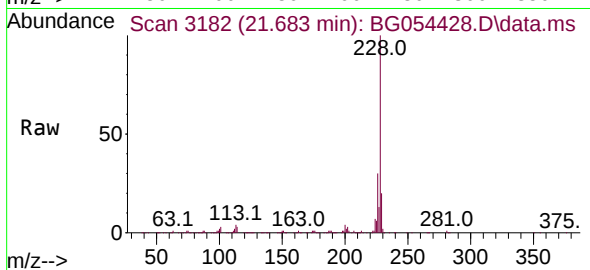
229 20.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.536 ng

RT: 21.513 min Scan# 3153

Delta R.T. -0.001 min

Lab File: BG054428.D

Acq: 28 Jul 2022 12:09

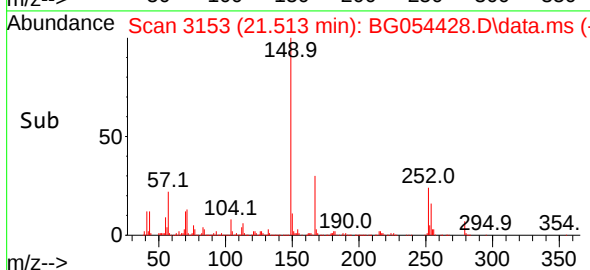
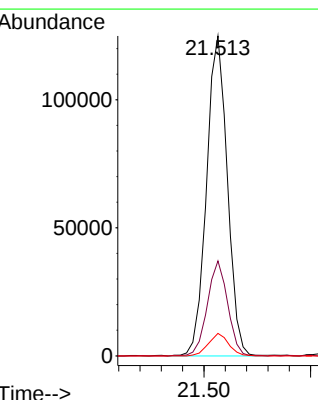
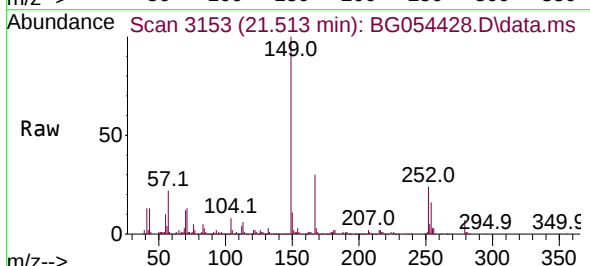
Tgt Ion:149 Resp: 169366

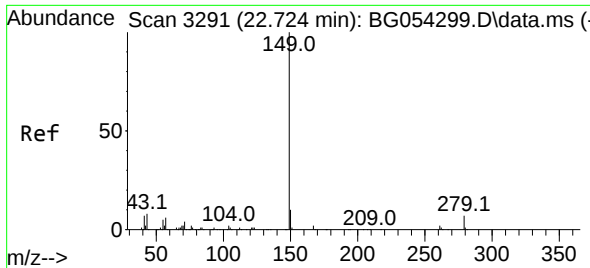
Ion Ratio Lower Upper

149 100

167 29.7 20.2 30.4

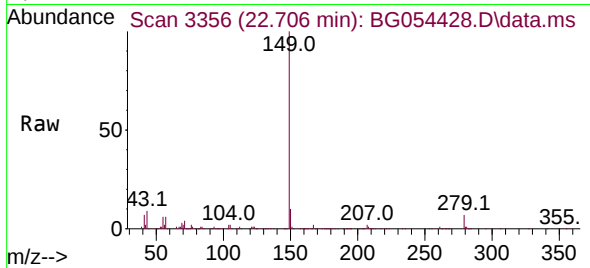
279 7.0 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 43.679 ng
RT: 22.706 min Scan# 331
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

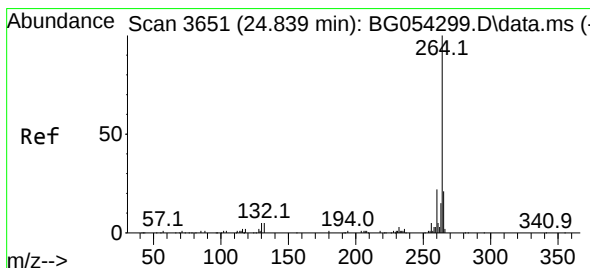
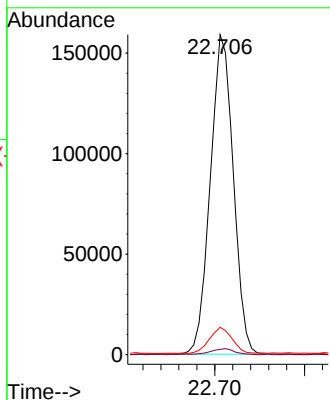
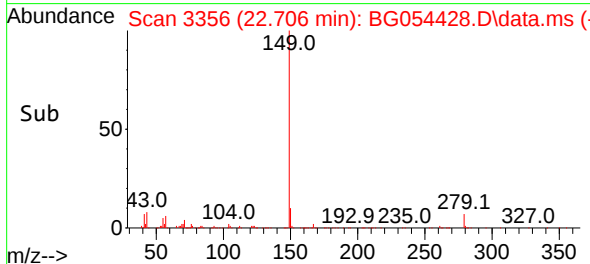
Instrument :
BNA_G
ClientSampleId :
PB146489BS



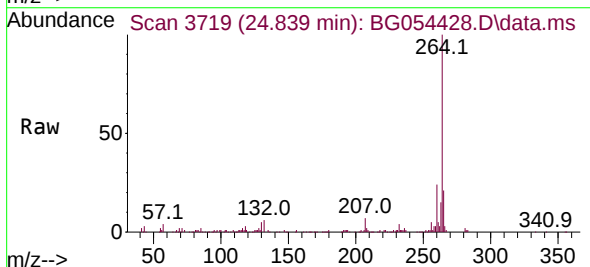
Tgt Ion:149 Resp: 283379
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 8.0 9.0 13.4

Manual Integrations
APPROVED

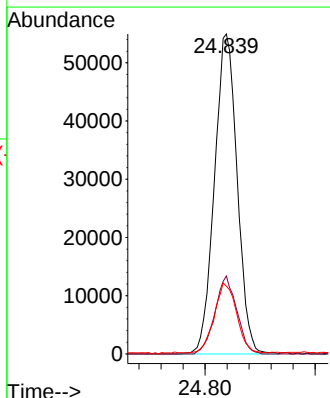
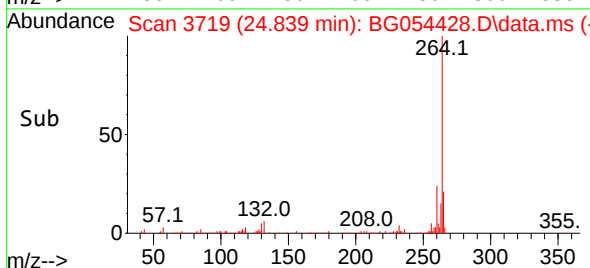
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

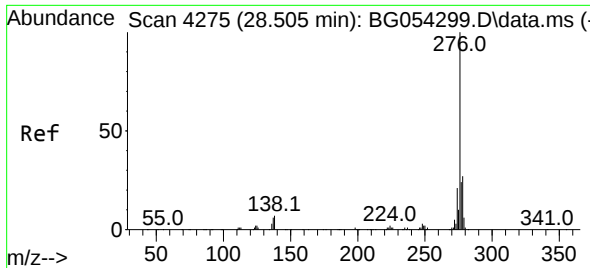


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09



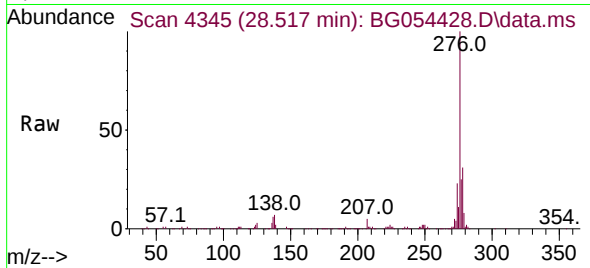
Tgt Ion:264 Resp: 157351
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.664 ng
 RT: 28.517 min Scan# 4345
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

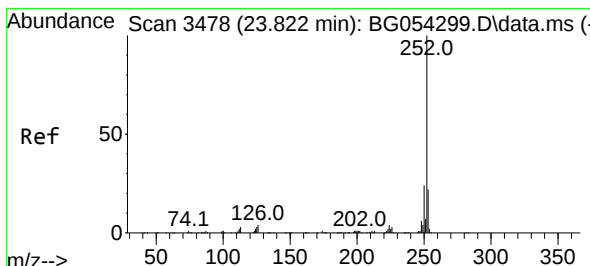
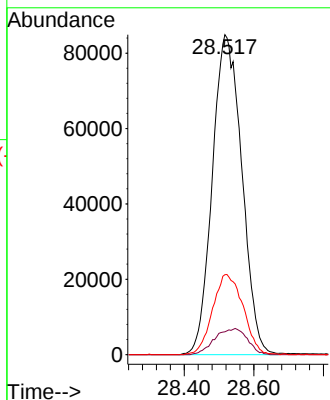
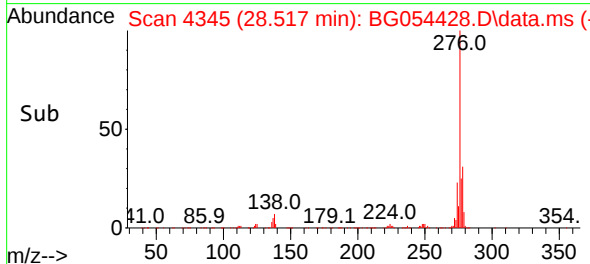
Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS



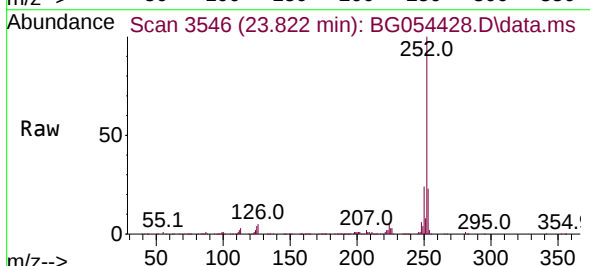
Tgt Ion:276 Resp: 498730
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4#
 277 25.9 20.3 30.5

Manual Integrations
 APPROVED

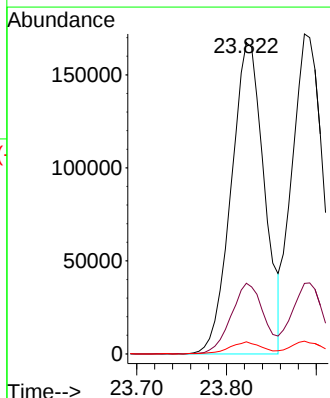
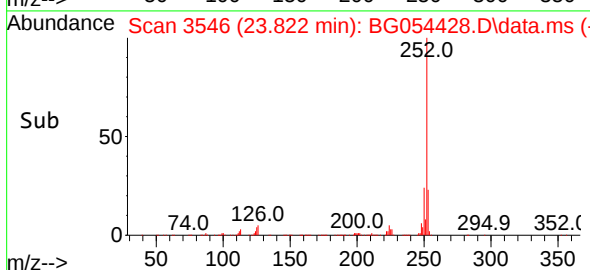
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

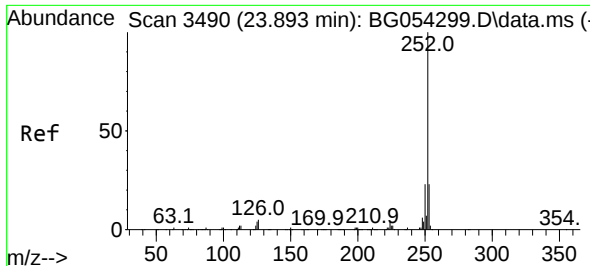


#88
 Benzo(b)fluoranthene
 Concen: 46.174 ng
 RT: 23.822 min Scan# 3546
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09



Tgt Ion:252 Resp: 429672
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.0 27.0
 125 3.9 4.6 6.8#





#89
Benzo(k)fluoranthene
Concen: 43.859 ng
RT: 23.887 min Scan# 3490
Delta R.T. -0.001 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

Instrument :

BNA_G

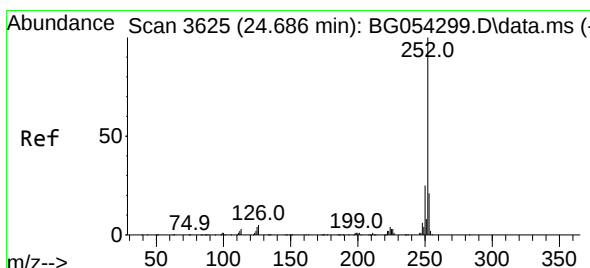
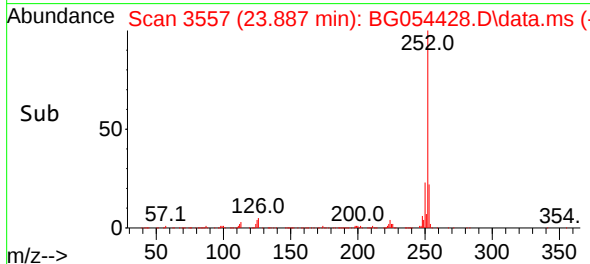
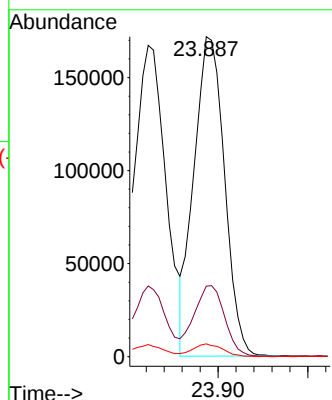
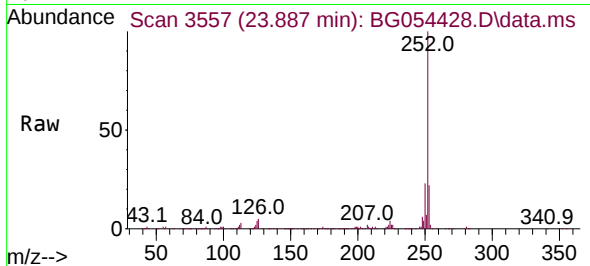
ClientSampleId :

PB146489BS

Tgt Ion:252 Resp: 406185
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 4.0 4.8 7.2

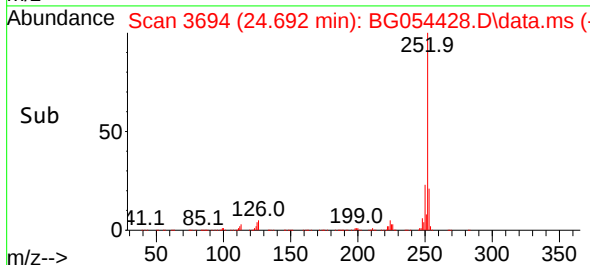
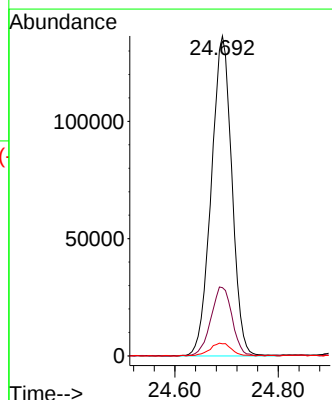
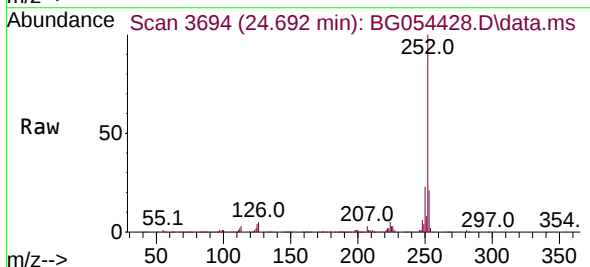
Manual Integrations
APPROVED

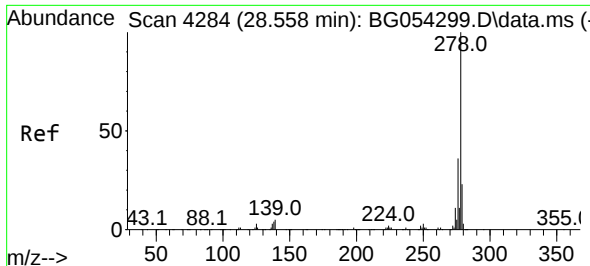
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#90
Benzo(a)pyrene
Concen: 47.474 ng
RT: 24.692 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054428.D
Acq: 28 Jul 2022 12:09

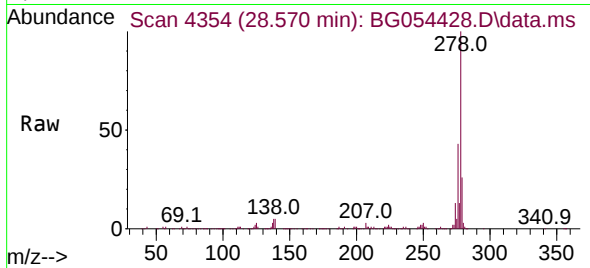
Tgt Ion:252 Resp: 377273
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 3.8 4.3 6.5





#91
 Dibenzo(a,h)anthracene
 Concen: 44.590 ng
 RT: 28.570 min Scan# 434
 Delta R.T. 0.005 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09

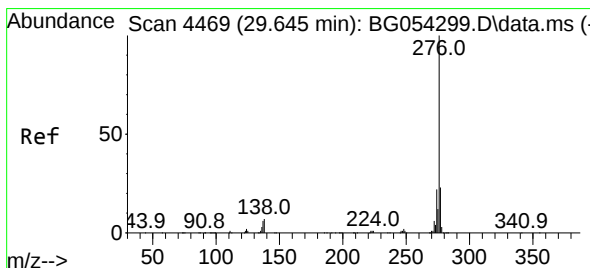
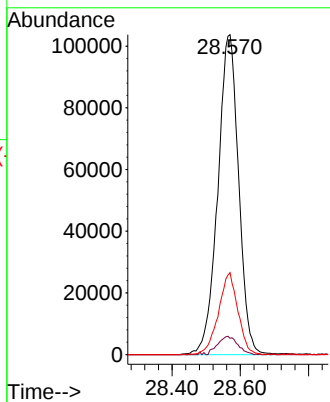
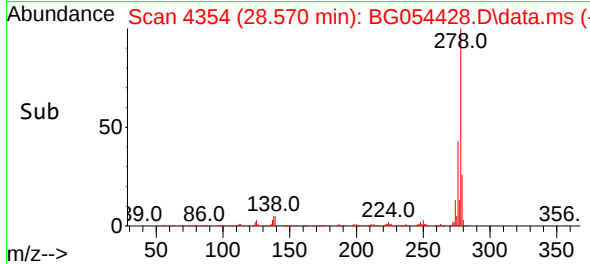
Instrument :
 BNA_G
 ClientSampleId :
 PB146489BS



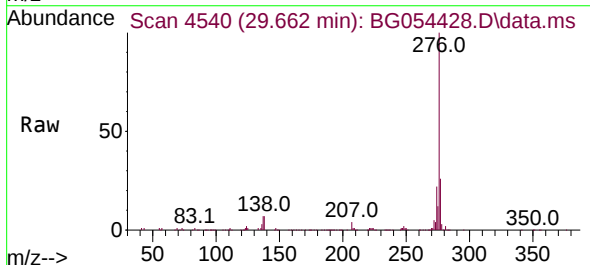
Tgt Ion:278 Resp: 438902
 Ion Ratio Lower Upper
 278 100
 139 5.1 7.2 10.8#
 279 25.6 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#92
 Benzo(g,h,i)perylene
 Concen: 44.247 ng
 RT: 29.662 min Scan# 4540
 Delta R.T. -0.001 min
 Lab File: BG054428.D
 Acq: 28 Jul 2022 12:09



Tgt Ion:276 Resp: 429855
 Ion Ratio Lower Upper
 276 100
 277 25.6 17.3 25.9
 138 6.9 9.6 14.4#

