

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054857.D
 Acq On : 6 Sep 2022 18:35
 Operator : CG/JU
 Sample : N4486-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PC-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 04:58:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	48829	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	202542	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	132085	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	274209	20.000	ng	0.00
76) Chrysene-d12	21.826	240	247429	20.000	ng	0.00
86) Perylene-d12	25.204	264	266016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	319542	113.956	ng	0.00
7) Phenol-d6	7.308	99	423742	110.499	ng	0.01
23) Nitrobenzene-d5	9.323	82	255920	66.331	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	175472	106.315	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	574060	65.323	ng	0.00
79) Terphenyl-d14	20.128	244	764859	61.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.524	88	47614	35.560	ng	96
3) Pyridine	3.935	79	135069	36.166	ng	94
4) n-Nitrosodimethylamine	3.853	42	65194	40.382	ng	92
6) Aniline	7.466	93	155541	34.138	ng	96
8) 2-Chlorophenol	7.713	128	163712	53.438	ng	97
9) Benzaldehyde	7.278	77	84801m	33.740	ng	
10) Phenol	7.337	94	201293	51.042	ng	97
11) bis(2-Chloroethyl)ether	7.560	93	152233	47.997	ng	96
12) 1,3-Dichlorobenzene	8.036	146	173116	48.829	ng	96
13) 1,4-Dichlorobenzene	8.183	146	173383	48.484	ng	98
14) 1,2-Dichlorobenzene	8.506	146	170261	50.211	ng	99
15) Benzyl Alcohol	8.389	79	137948m	49.794	ng	
16) 2,2'-oxybis(1-Chloropr...	8.671	45	209359	42.184	ng	97
17) 2-Methylphenol	8.594	107	139268	51.291	ng	98
18) Hexachloroethane	9.241	117	58461	45.082	ng	95
19) n-Nitroso-di-n-propyla...	8.953	70	116179	44.056	ng	# 97
20) 3+4-Methylphenols	8.923	107	192172	51.039	ng	96
22) Acetophenone	8.976	105	232384	45.860	ng	# 98
24) Nitrobenzene	9.370	77	171233	44.032	ng	96
25) Isophorone	9.887	82	327251	45.490	ng	100
26) 2-Nitrophenol	10.081	139	91821	53.453	ng	99
27) 2,4-Dimethylphenol	10.134	122	153434	56.374	ng	98
28) bis(2-Chloroethoxy)met...	10.363	93	198977	48.539	ng	99
29) 2,4-Dichlorophenol	10.621	162	157536	50.889	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	166543	47.076	ng	98
31) Naphthalene	11.027	128	492538	45.325	ng	99
32) Benzoic acid	10.310	122	72526	39.060	ng	97
33) 4-Chloroaniline	11.132	127	119828	27.048	ng	98
34) Hexachlorobutadiene	11.297	225	109465	48.294	ng	97
35) Caprolactam	11.920	113	50782m	46.497	ng	
36) 4-Chloro-3-methylphenol	12.249	107	163527	48.306	ng	100
37) 2-Methylnaphthalene	12.619	142	346278	45.465	ng	99
38) 1-Methylnaphthalene	12.842	142	329791	44.505	ng	100
40) 1,2,4,5-Tetrachloroben...	12.983	216	198858	49.944	ng	99
41) Hexachlorocyclopentadiene	12.954	237	44868	21.249	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	129996	49.189	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.301	196	139480	46.995	ng	98
46) 1,1'-Biphenyl	13.618	154	463170	47.220	ng	99
47) 2-Chloronaphthalene	13.665	162	347444	46.641	ng	98
48) 2-Nitroaniline	13.870	65	104936	44.949	ng	94
49) Acenaphthylene	14.511	152	556996	45.311	ng	99
50) Dimethylphthalate	14.229	163	432944	42.546	ng	99
51) 2,6-Dinitrotoluene	14.358	165	95671	45.965	ng	# 85
52) Acenaphthene	14.846	154	394511m	49.962	ng	
53) 3-Nitroaniline	14.693	138	84490	36.262	ng	92
54) 2,4-Dinitrophenol	14.899	184	105814	89.237	ng	98
55) Dibenzofuran	15.181	168	521479	44.944	ng	99
56) 4-Nitrophenol	15.004	139	159683	88.560	ng	95
57) 2,4-Dinitrotoluene	15.145	165	132839	46.142	ng	# 83
58) Fluorene	15.827	166	431896	44.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.404	232	118035	44.118	ng	98
60) Diethylphthalate	15.586	149	426799	42.002	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	222564	46.156	ng	98
62) 4-Nitroaniline	15.856	138	97114	40.824	ng	93
63) Azobenzene	16.109	77	387164	40.092	ng	94
65) 4,6-Dinitro-2-methylph...	15.903	198	72150	51.691	ng	99
66) n-Nitrosodiphenylamine	16.027	169	378657	47.885	ng	100
67) 4-Bromophenyl-phenylether	16.708	248	148764	49.413	ng	100
68) Hexachlorobenzene	16.832	284	167068	49.364	ng	95
69) Atrazine	16.973	200	139138	49.875	ng	100
70) Pentachlorophenol	17.178	266	169843	92.363	ng	99
71) Phenanthrene	17.572	178	686739	47.013	ng	99
72) Anthracene	17.666	178	673155	47.399	ng	99
73) Carbazole	17.936	167	606746	46.371	ng	100
74) Di-n-butylphthalate	18.471	149	710051	42.884	ng	99
75) Fluoranthene	19.576	202	832204	46.833	ng	98
77) Benzidine	19.758	184	28983m	4.729	ng	
78) Pyrene	19.940	202	826683	47.915	ng	98
80) Butylbenzylphthalate	20.809	149	320987	44.603	ng	97
81) Benzo(a)anthracene	21.808	228	783010	46.673	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	114390	19.448	ng	100
83) Chrysene	21.873	228	737880	46.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.685	149	463703	44.723	ng	98
85) Di-n-octyl phthalate	22.942	149	772264	43.920	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.100	276	941381	46.614	ng	# 94
88) Benzo(b)fluoranthene	24.123	252	832900	49.912	ng	99
89) Benzo(k)fluoranthene	24.194	252	789344	47.001	ng	99
90) Benzo(a)pyrene	25.046	252	734815	51.540	ng	100
91) Dibenzo(a,h)anthracene	29.170	278	794362	48.281	ng	99
92) Benzo(g,h,i)perylene	30.334	276	784836	47.219	ng	97

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

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Manual Integrations

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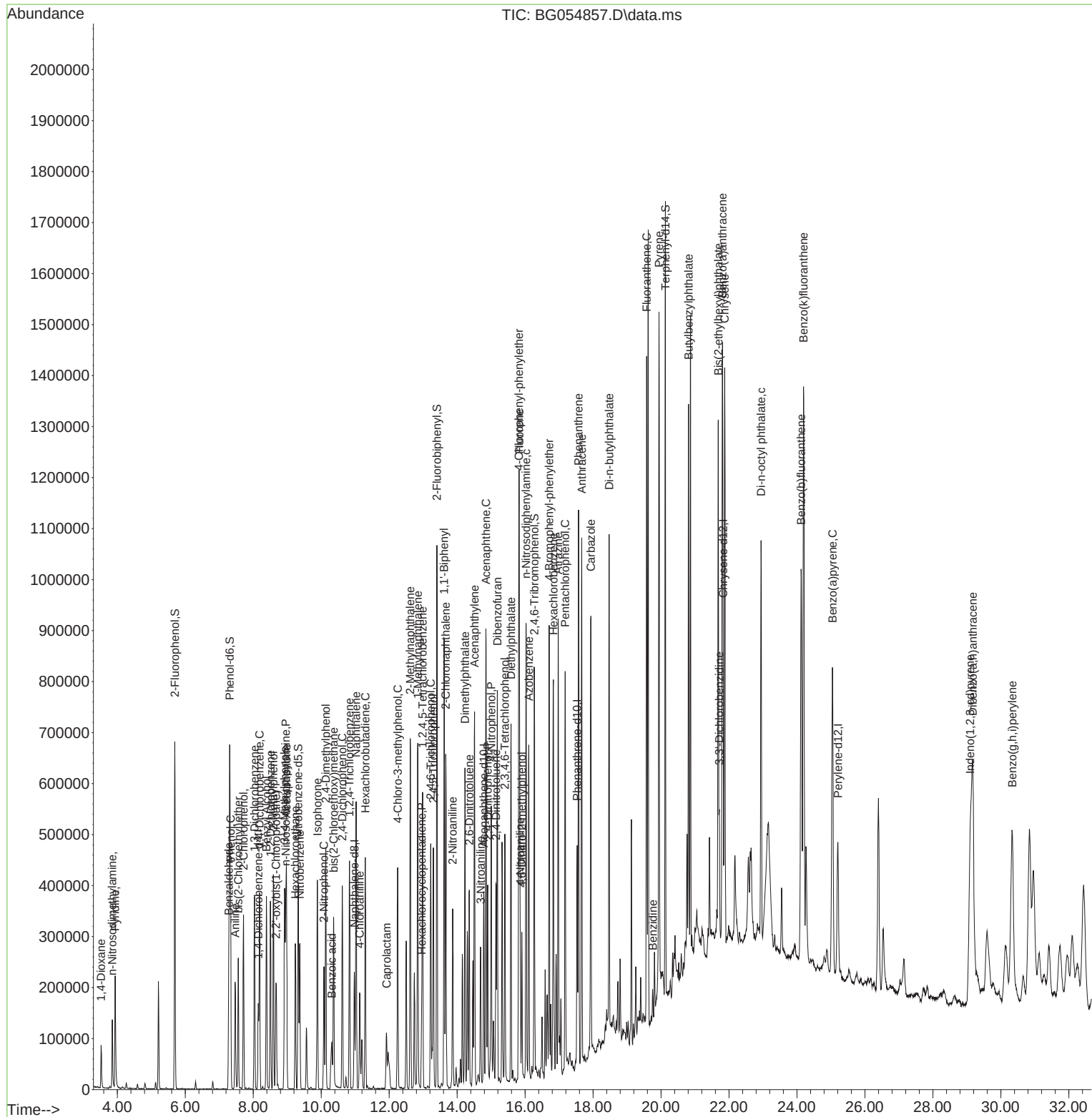
Quant Time: Sep 07 04:58:27 2022

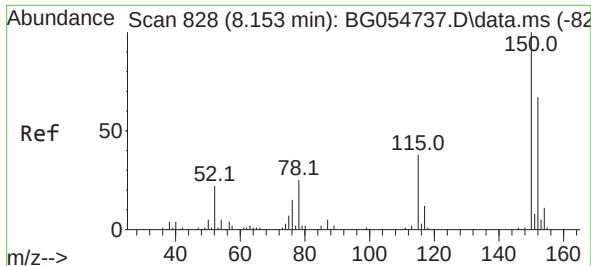
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QLast Update : Thu Aug 25 17:50:55 2022

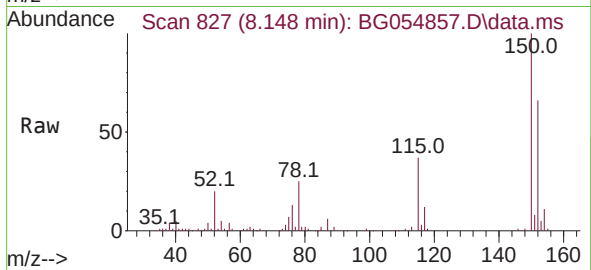
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

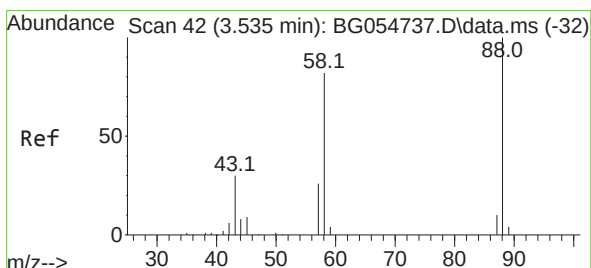
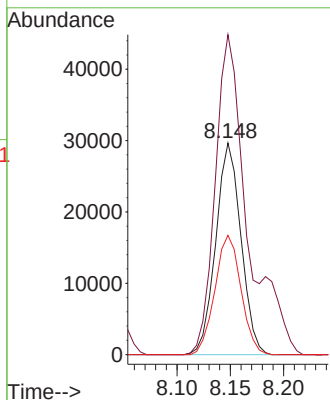
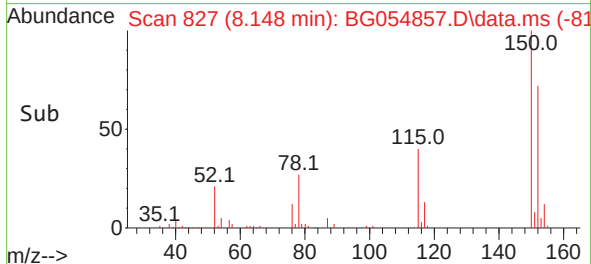
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:152 Resp: 48829
Ion Ratio Lower Upper
152 100
150 151.3 125.2 187.8
115 56.4 47.9 71.9

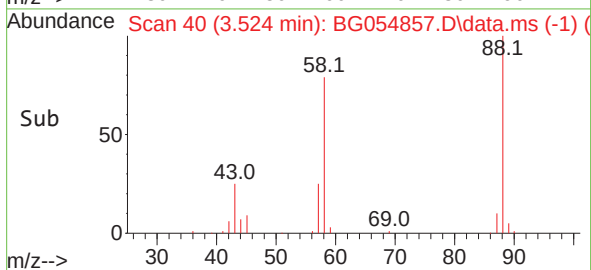
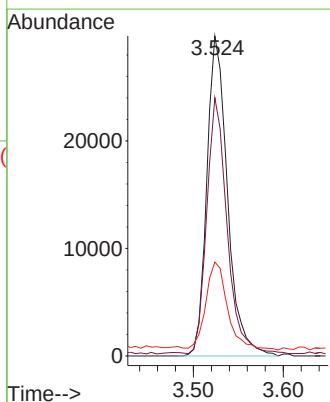
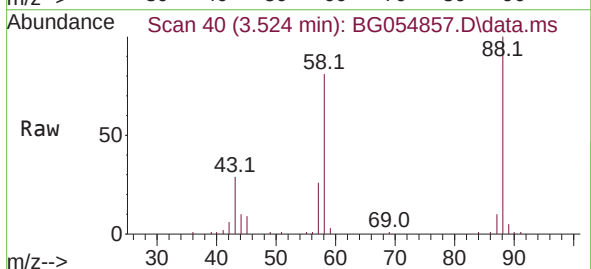
Manual Integrations
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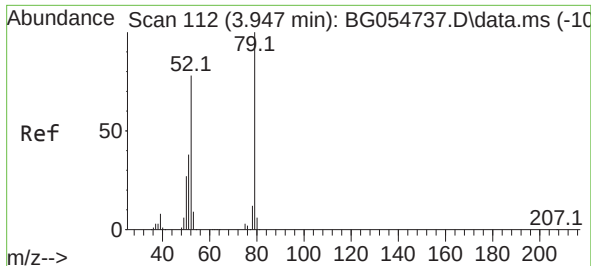
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#2
1,4-Dioxane
Concen: 35.560 ng
RT: 3.524 min Scan# 40
Delta R.T. -0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

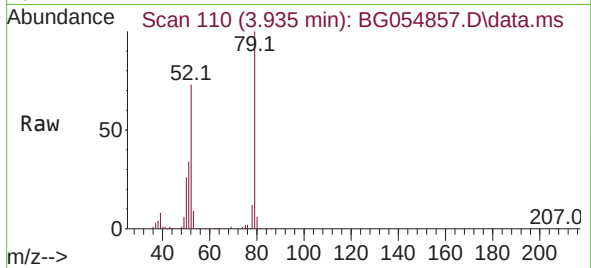
Tgt Ion: 88 Resp: 47614
Ion Ratio Lower Upper
88 100
58 78.4 65.9 98.9
43 29.2 22.7 34.1





#3
Pyridine
Concen: 36.166 ng
RT: 3.935 min Scan# 112
Delta R.T. -0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

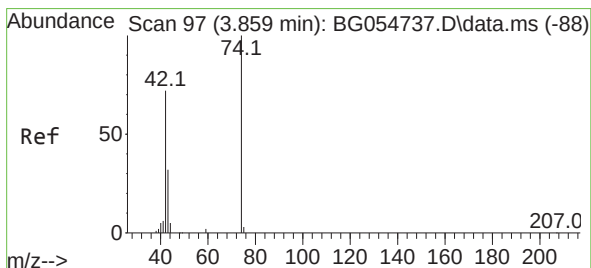
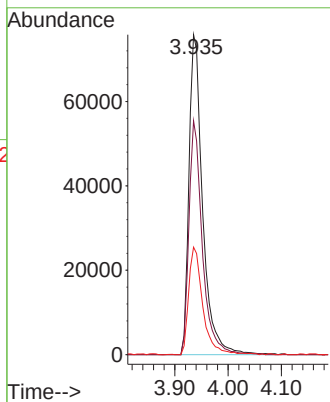
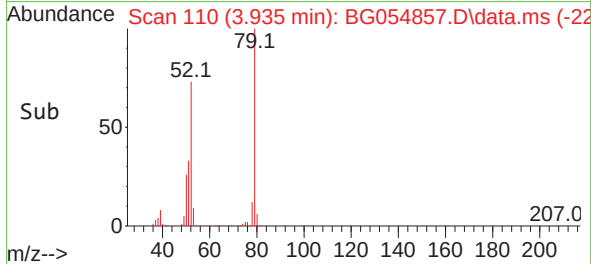
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion: 79 Resp: 135069
Ion Ratio Lower Upper
79 100
52 73.1 61.4 92.0
51 33.6 31.4 47.0

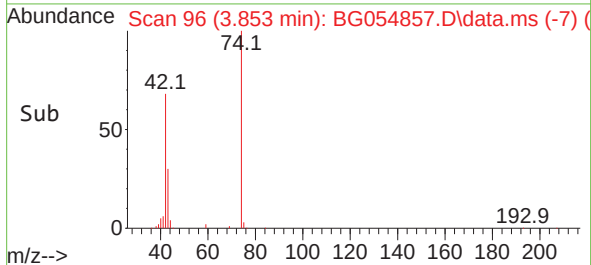
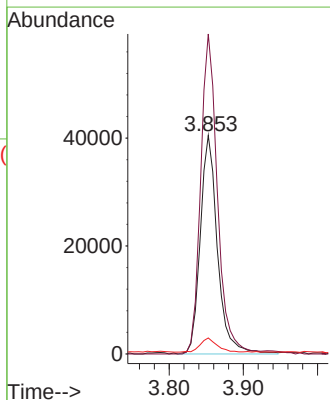
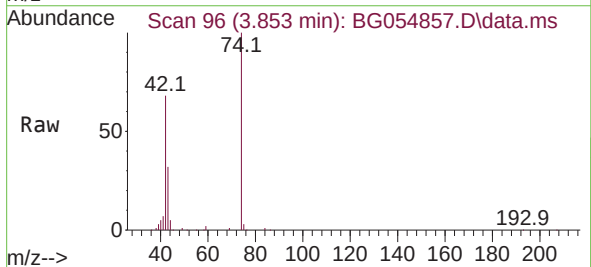
Manual Integrations
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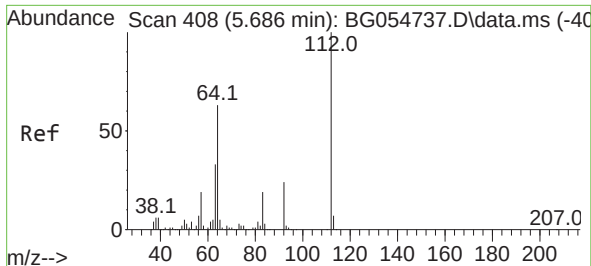
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#4
n-Nitrosodimethylamine
Concen: 40.382 ng
RT: 3.853 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

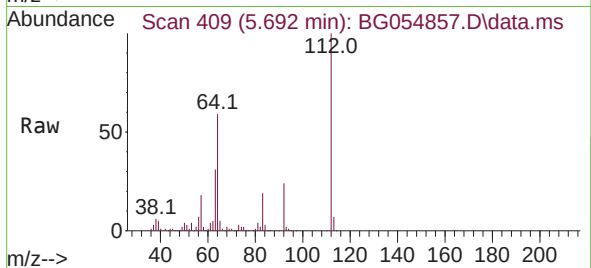
Tgt Ion: 42 Resp: 65194
Ion Ratio Lower Upper
42 100
74 146.4 109.6 164.4
44 7.3 5.5 8.3





#5
2-Fluorophenol
Concen: 113.956 ng
RT: 5.692 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

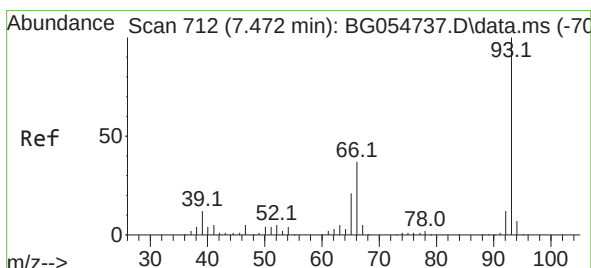
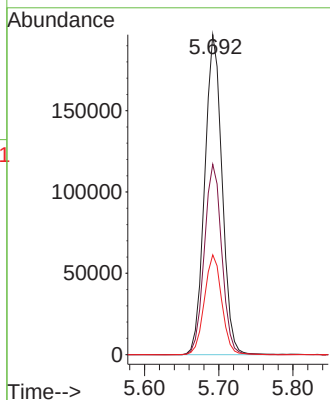
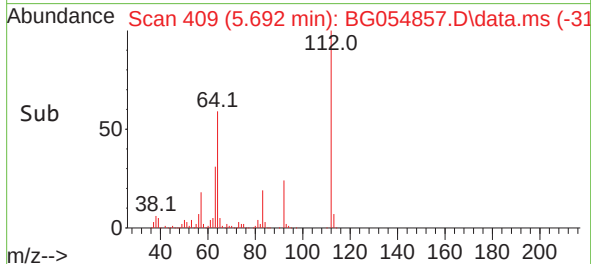
Instrument :
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ClientSampleId :
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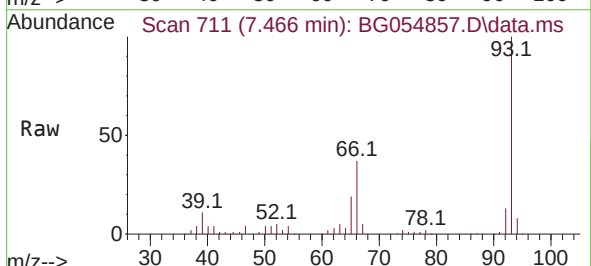
Tgt Ion: 112 Resp: 319542
Ion Ratio Lower Upper
112 100
64 59.5 49.3 73.9
63 31.2 26.3 39.5

Manual Integrations
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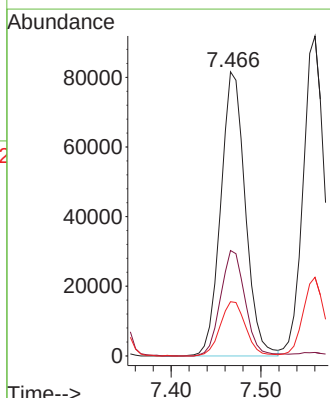
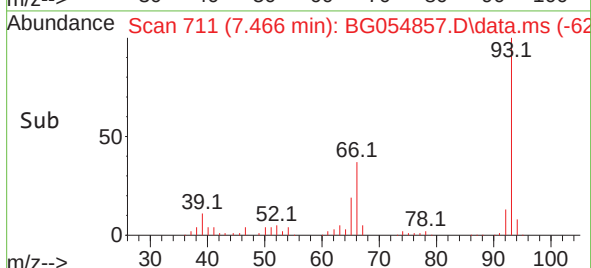
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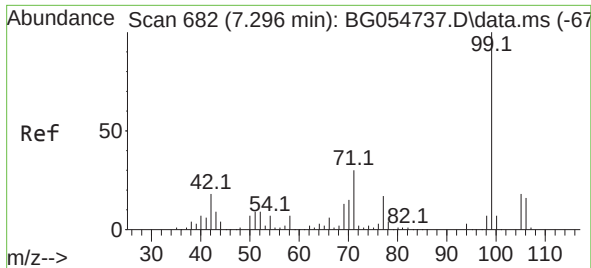


#6
Aniline
Concen: 34.138 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



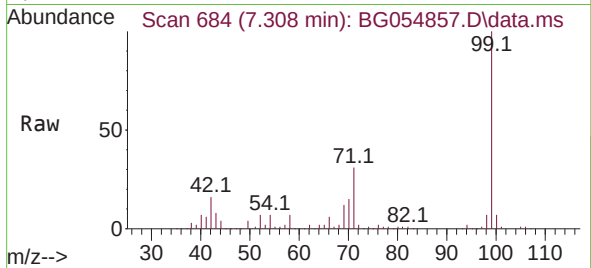
Tgt Ion: 93 Resp: 155541
Ion Ratio Lower Upper
93 100
66 37.1 31.8 47.8
65 19.0 16.6 25.0





#7
Phenol-d6
Concen: 110.499 ng
RT: 7.308 min Scan# 682
Delta R.T. 0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

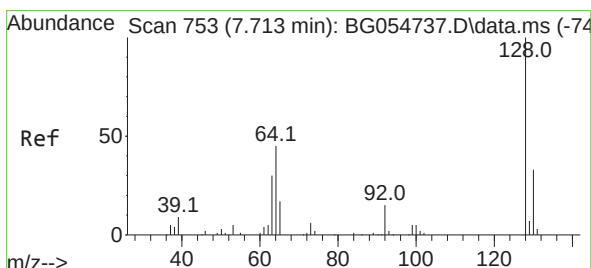
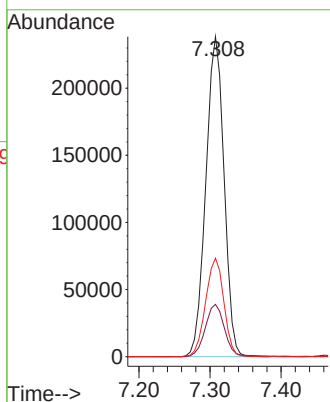
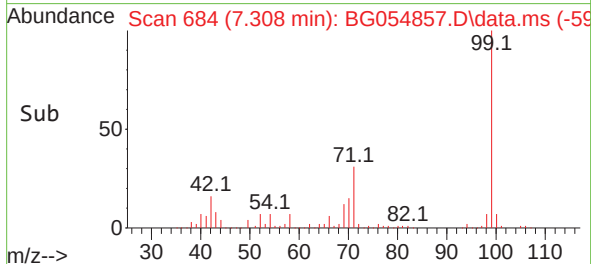
Instrument :
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Tgt Ion: 99 Resp: 423742
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 30.8 24.6 37.0

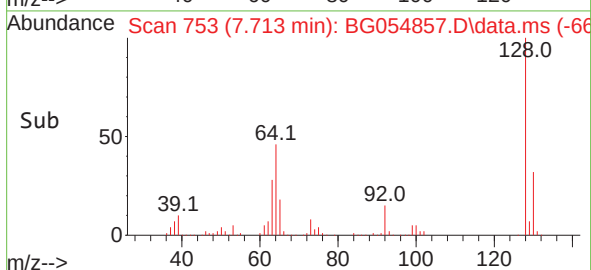
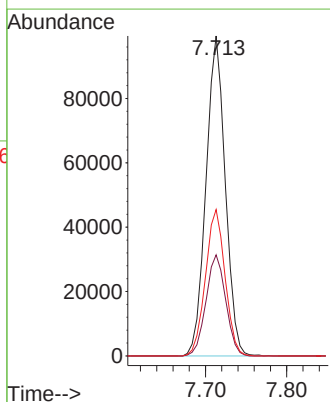
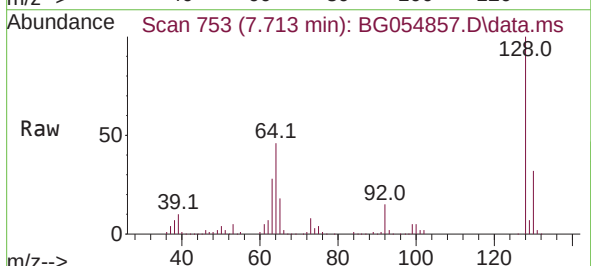
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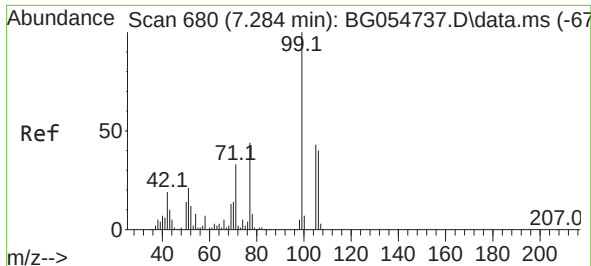
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#8
2-Chlorophenol
Concen: 53.438 ng
RT: 7.713 min Scan# 753
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

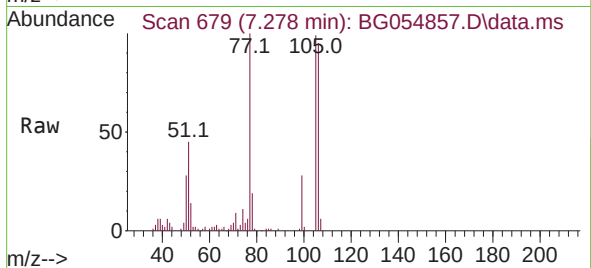
Tgt Ion:128 Resp: 163712
Ion Ratio Lower Upper
128 100
130 31.6 12.5 52.5
64 45.7 28.6 68.6





#9
Benzaldehyde
Concen: 33.740 ng m
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054857.D
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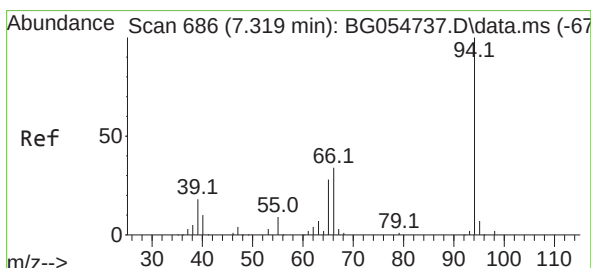
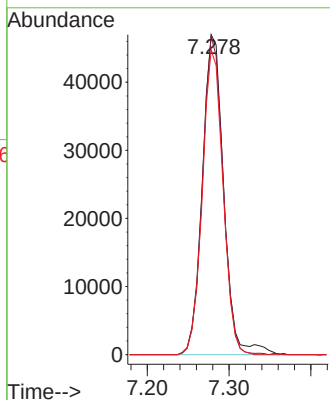
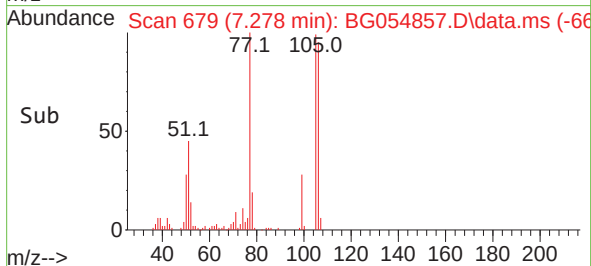
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Tgt Ion: 77 Resp: 8480
Ion Ratio Lower Upper
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105 99.4 75.3 115.3
106 95.3 70.2 110.2

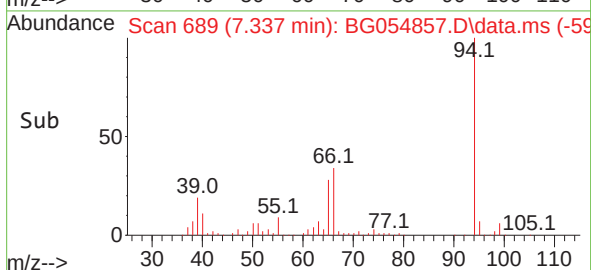
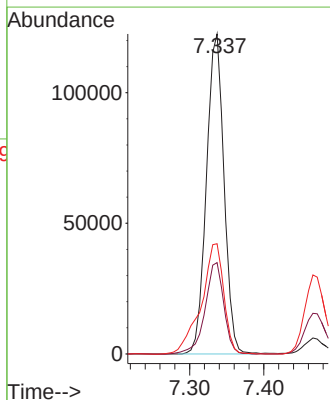
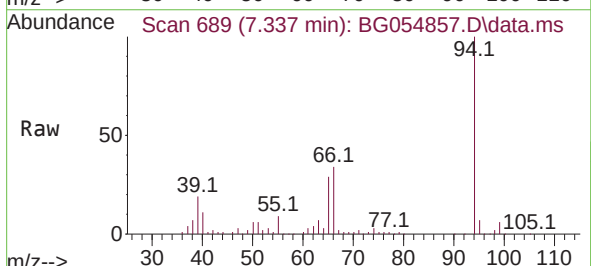
Manual Integrations
APPROVED

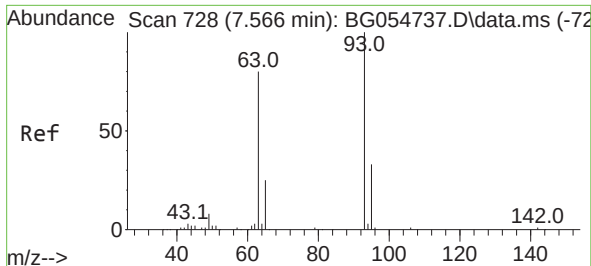
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#10
Phenol
Concen: 51.042 ng
RT: 7.337 min Scan# 689
Delta R.T. 0.018 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion: 94 Resp: 201293
Ion Ratio Lower Upper
94 100
65 28.5 9.9 49.9
66 34.4 16.4 56.4





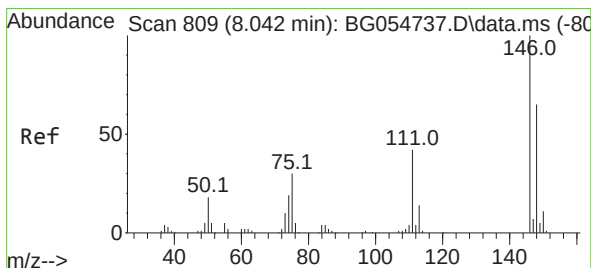
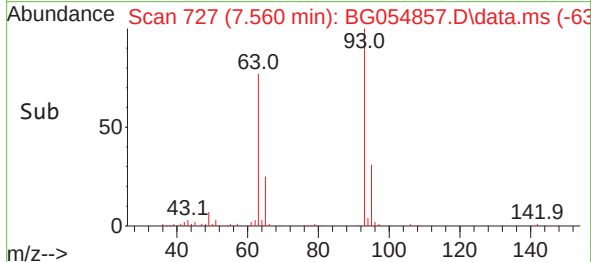
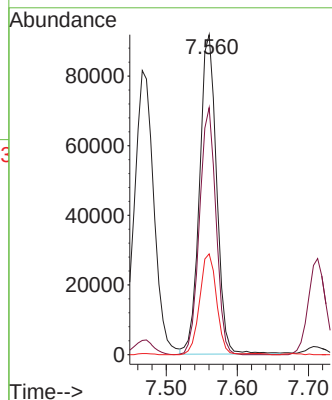
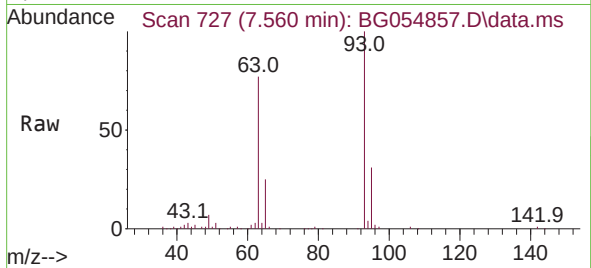
#11
bis(2-Chloroethyl)ether
Concen: 47.997 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :
BNA_G
ClientSampleId :
PC-1MSD

Tgt Ion: 93 Resp: 15223
Ion Ratio Lower Upper
93 100
63 77.2 62.1 102.1
95 31.5 12.1 52.1

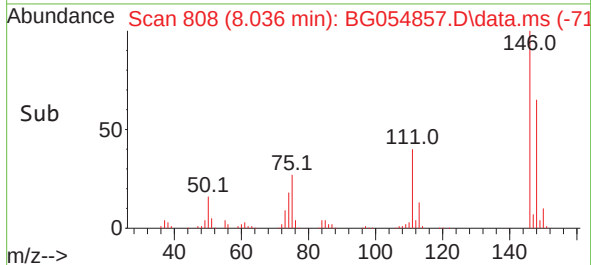
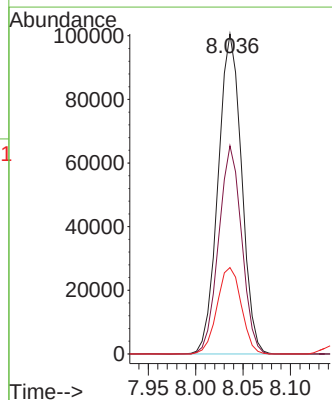
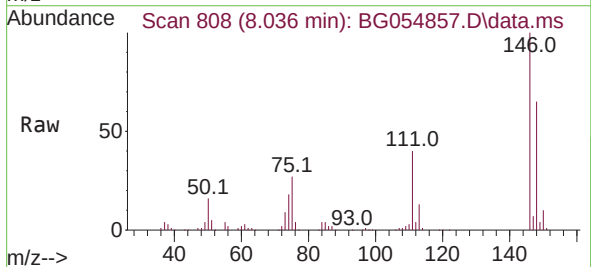
Manual Integrations
APPROVED

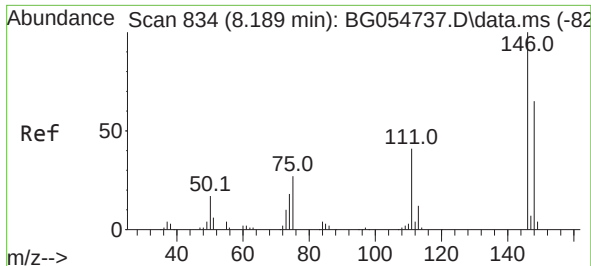
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#12
1,3-Dichlorobenzene
Concen: 48.829 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:146 Resp: 173116
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
75 27.0 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 48.484 ng

RT: 8.183 min Scan# 834

Delta R.T. -0.006 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

Tgt Ion:146 Resp: 173383

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

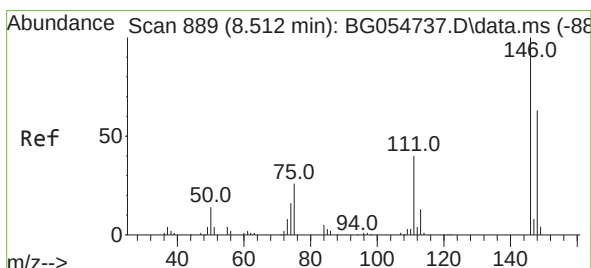
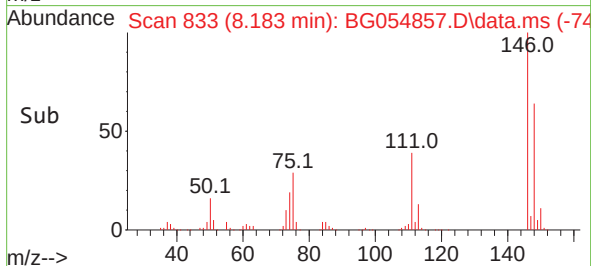
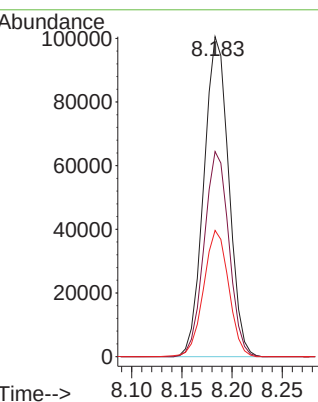
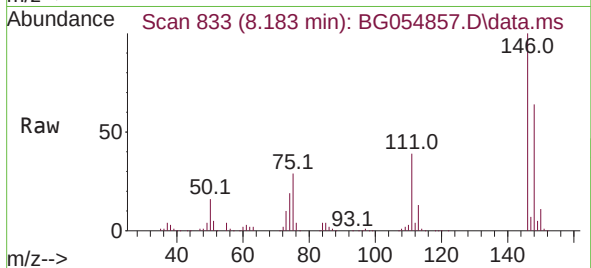
111 39.4 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#14

1,2-Dichlorobenzene

Concen: 50.211 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

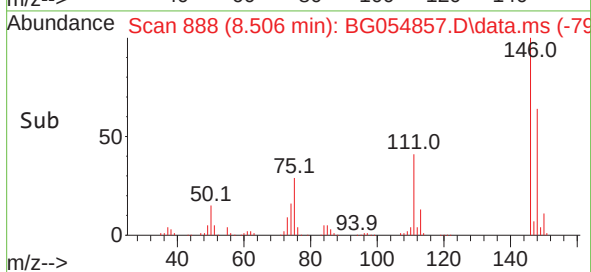
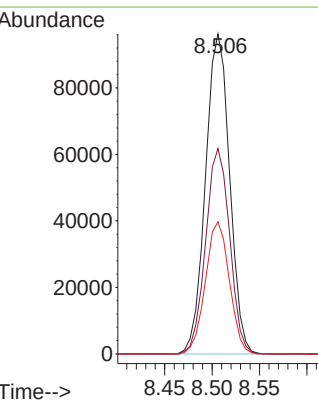
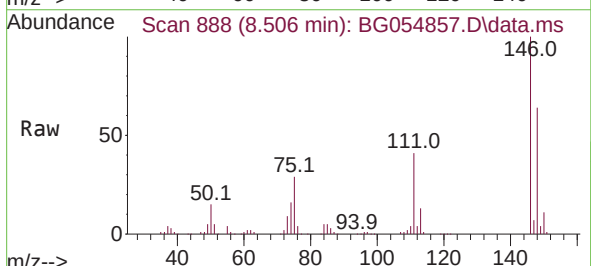
Tgt Ion:146 Resp: 170261

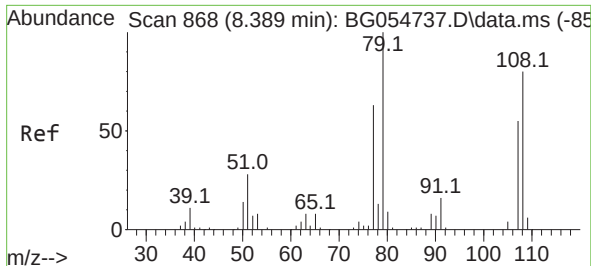
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

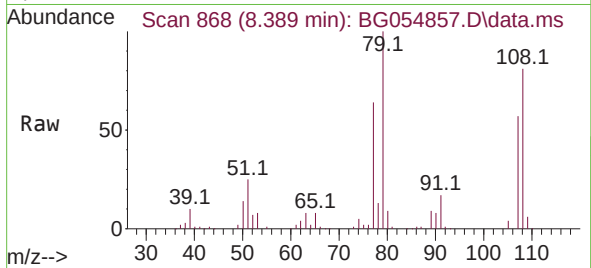
111 41.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 49.794 ng m
RT: 8.389 min Scan# 868
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

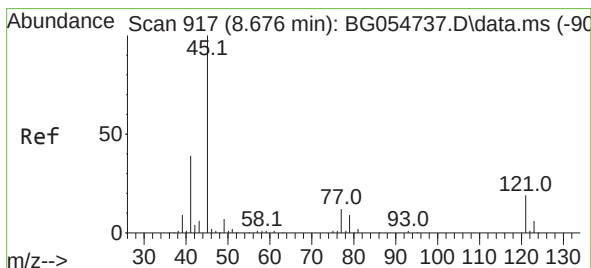
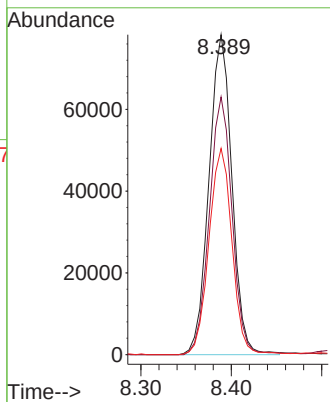
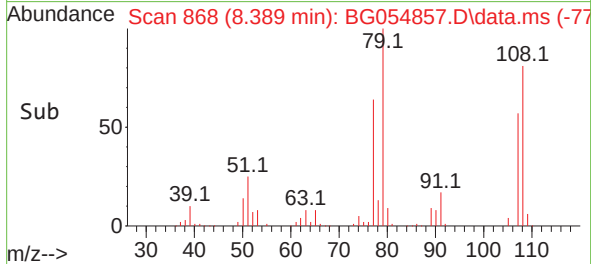
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



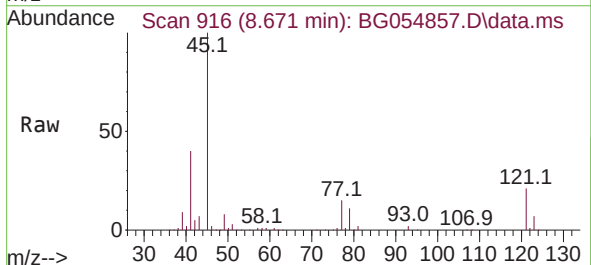
Tgt Ion: 79 Resp: 137948
Ion Ratio Lower Upper
79 100
108 80.5 63.4 95.0
77 64.4 55.0 82.4

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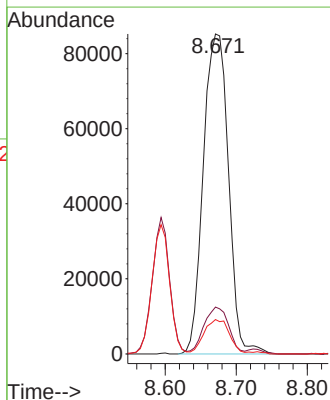
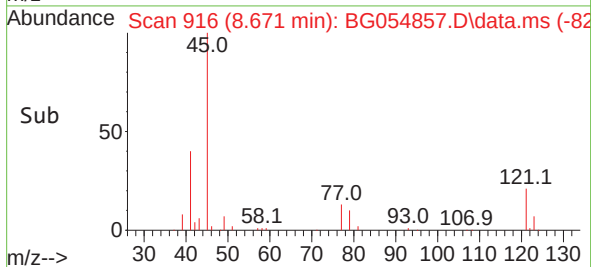
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

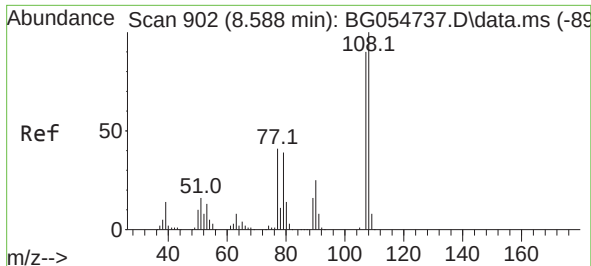


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.184 ng
RT: 8.671 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion: 45 Resp: 209359
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.8
79 10.7 0.0 30.4





#17

2-Methylphenol

Concen: 51.291 ng

RT: 8.594 min Scan# 90

Delta R.T. 0.006 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

Tgt Ion:107 Resp: 139268

Ion Ratio Lower Upper

107 100

108 109.4 85.6 128.4

77 44.0 35.8 53.8

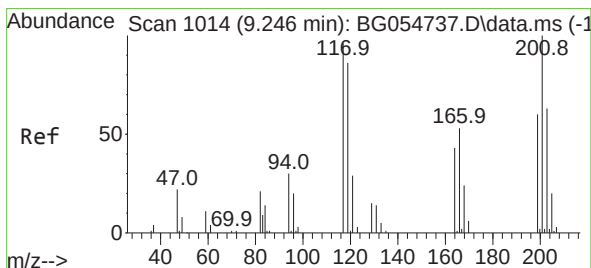
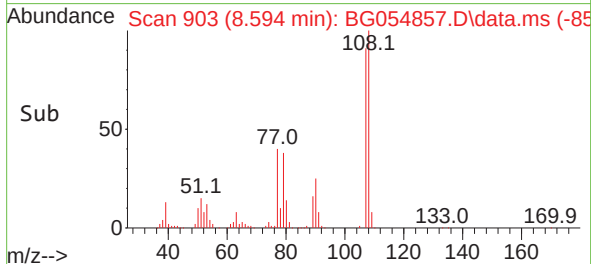
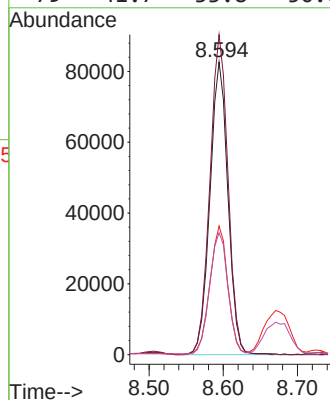
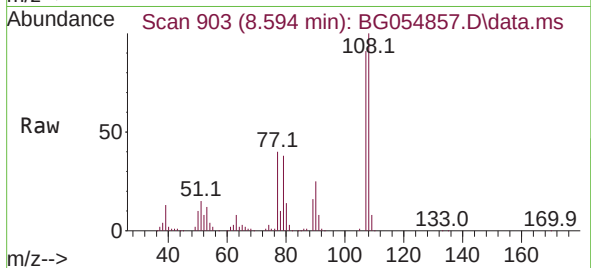
79 41.7 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#18

Hexachloroethane

Concen: 45.082 ng

RT: 9.241 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

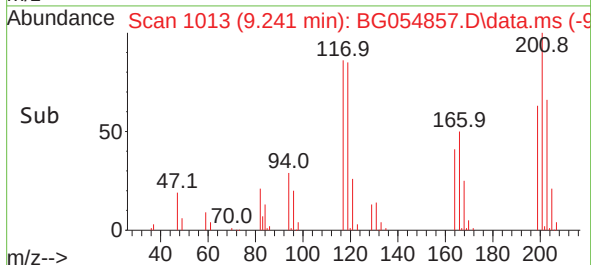
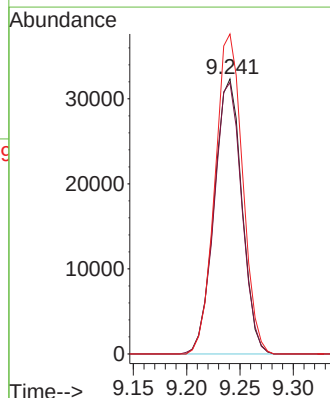
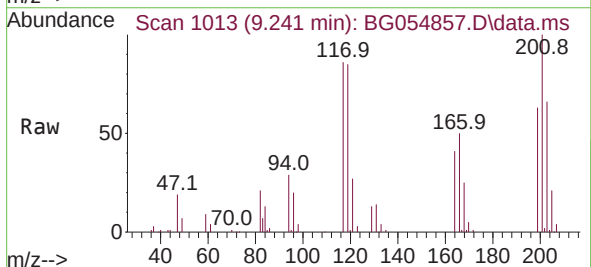
Tgt Ion:117 Resp: 58461

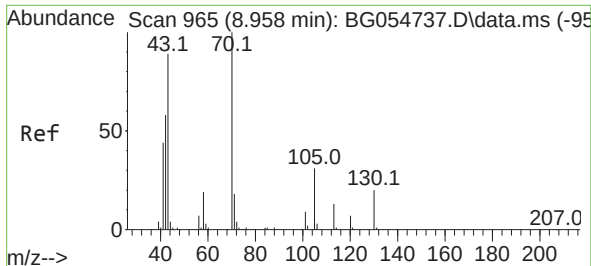
Ion Ratio Lower Upper

117 100

119 98.7 77.0 115.6

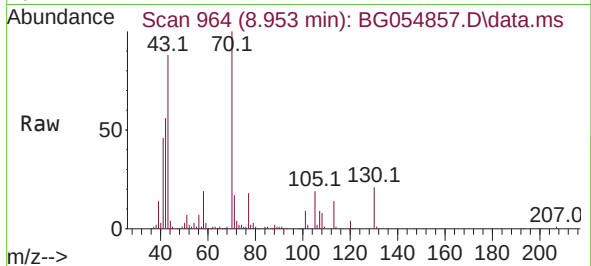
201 116.4 87.2 130.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.056 ng
RT: 8.953 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

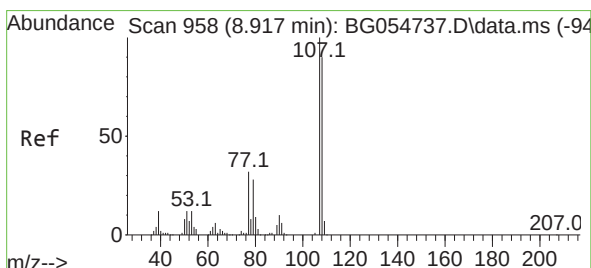
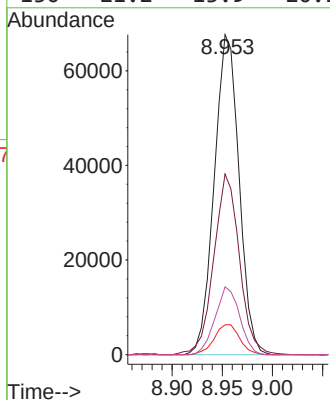
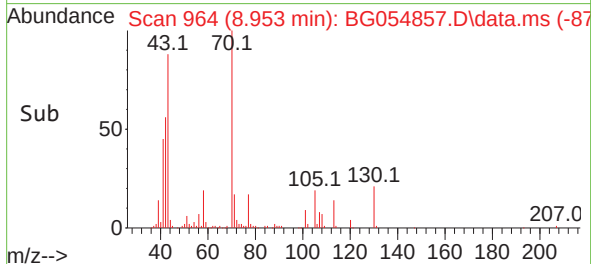
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



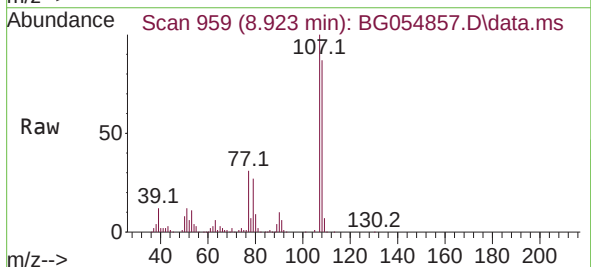
Tgt Ion: 70 Resp: 116179
Ion Ratio Lower Upper
70 100
42 56.4 46.6 69.8
101 9.3 7.7 11.5
130 21.2 13.9 20.9#

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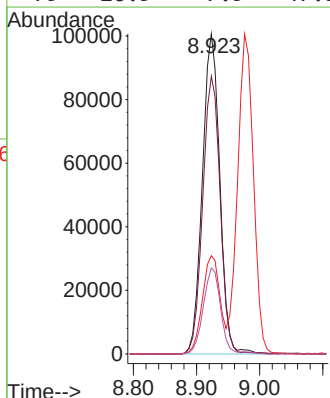
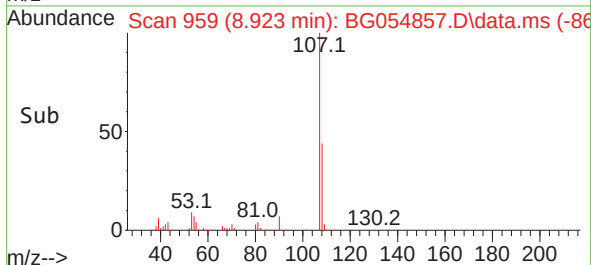
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

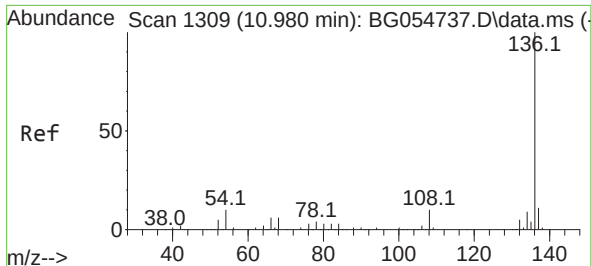


#20
3+4-Methylphenols
Concen: 51.039 ng
RT: 8.923 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:107 Resp: 192172
Ion Ratio Lower Upper
107 100
108 86.8 71.6 111.6
77 30.7 13.1 53.1
79 26.9 7.9 47.9





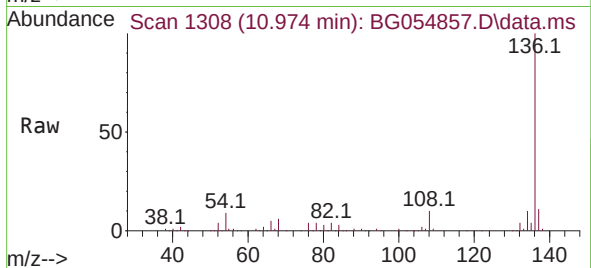
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

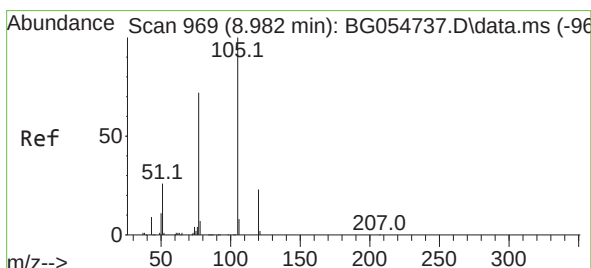
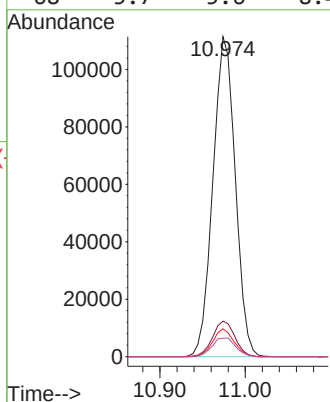
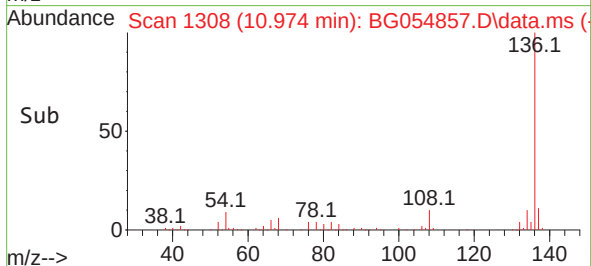


Tgt Ion:136 Resp: 202542
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.7 7.7 11.5
68 5.7 5.6 8.4

Manual Integrations

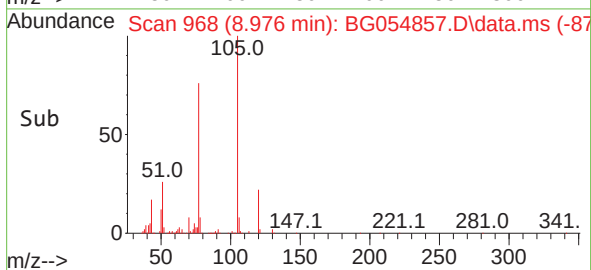
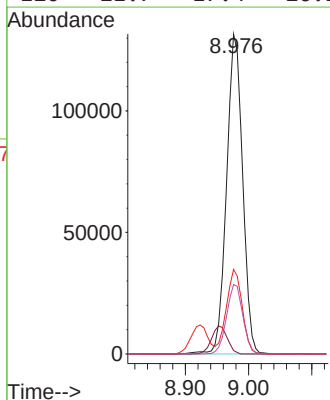
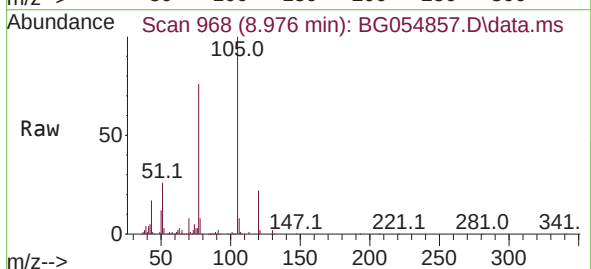
APPROVED

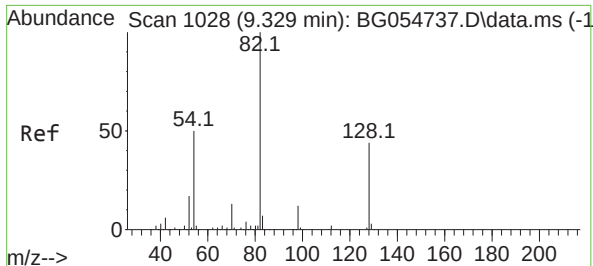
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#22
Acetophenone
Concen: 45.860 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:105 Resp: 232384
Ion Ratio Lower Upper
105 100
71 1.1 1.2 1.8#
51 26.4 22.9 34.3
120 21.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 66.331 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

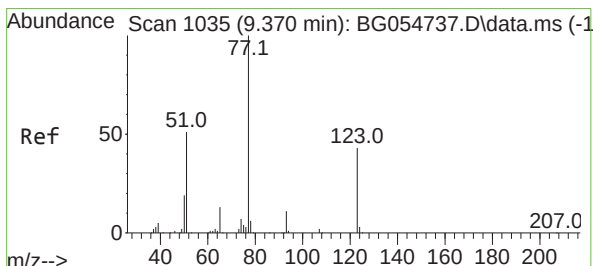
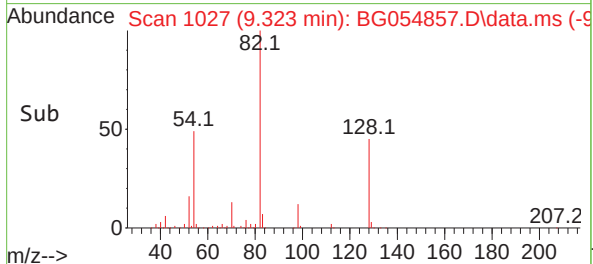
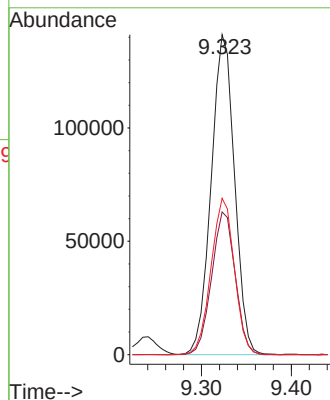
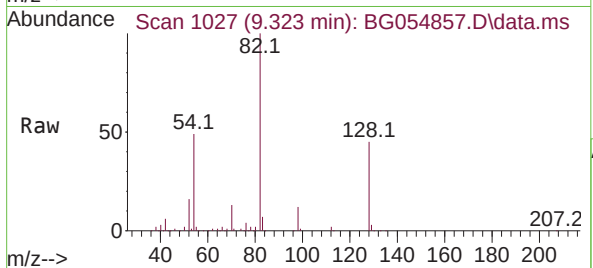
Tgt Ion:	82	Resp:	255920
Ion Ratio	Lower	Upper	
82	100		
128	44.6	32.2	48.2
54	48.8	41.4	62.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#24

Nitrobenzene

Concen: 44.032 ng

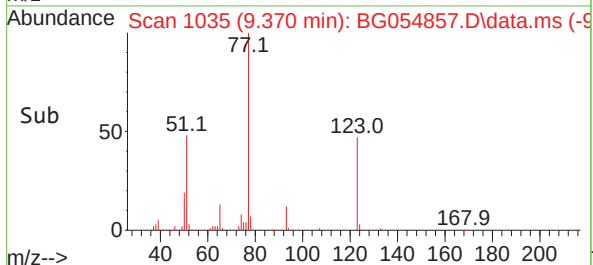
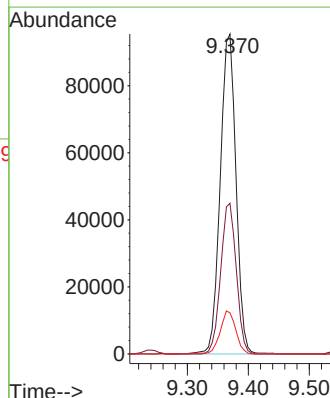
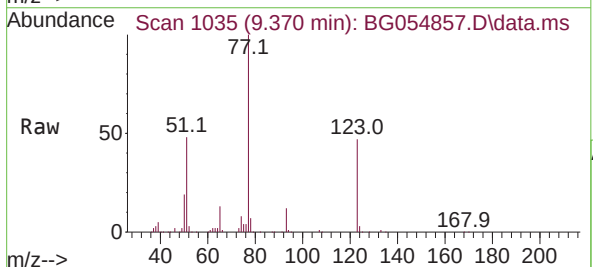
RT: 9.370 min Scan# 1035

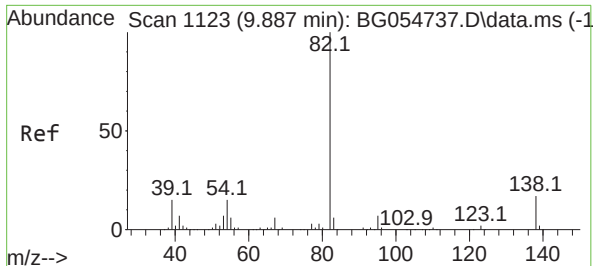
Delta R.T. 0.000 min

Lab File: BG054857.D

Acq: 6 Sep 2022 18:35

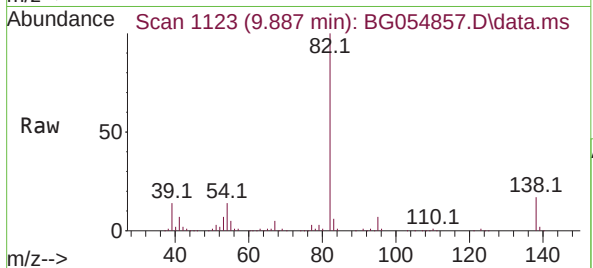
Tgt Ion:	77	Resp:	171233
Ion Ratio	Lower	Upper	
77	100		
123	47.1	35.0	52.6
65	12.8	10.2	15.2





#25
Isophorone
Concen: 45.490 ng
RT: 9.887 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

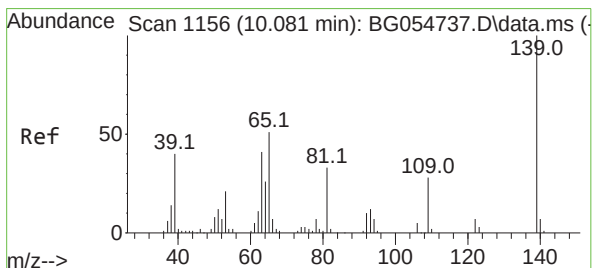
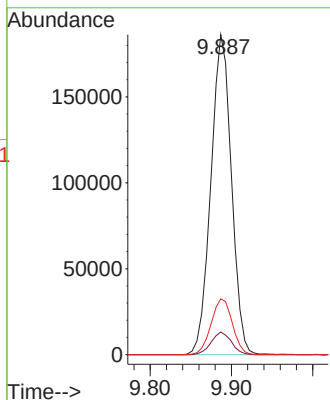
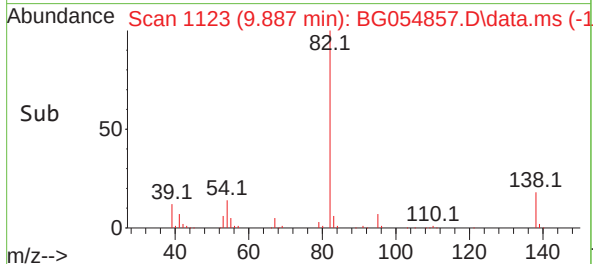
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



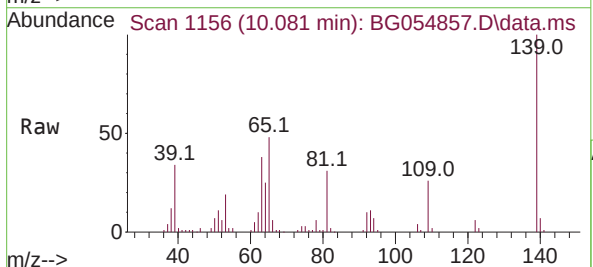
Tgt Ion: 82 Resp: 32725
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.4 13.9 20.9

Manual Integrations
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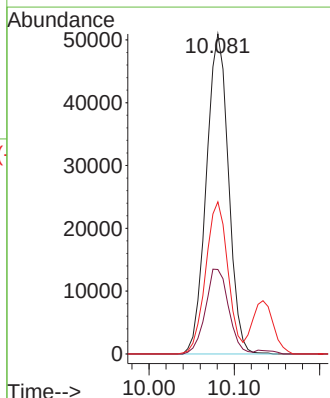
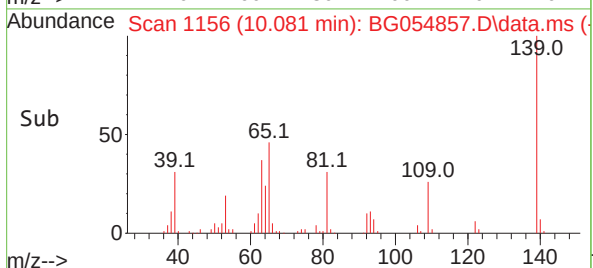
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

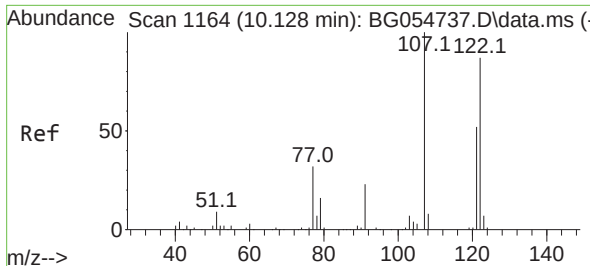


#26
2-Nitrophenol
Concen: 53.453 ng
RT: 10.081 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:139 Resp: 91821
Ion Ratio Lower Upper
139 100
109 26.4 21.8 32.6
65 47.5 37.4 56.0





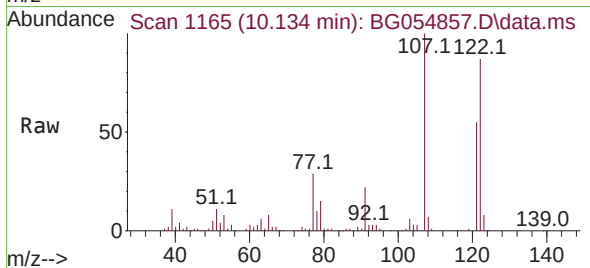
#27
2,4-Dimethylphenol
Concen: 56.374 ng
RT: 10.134 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

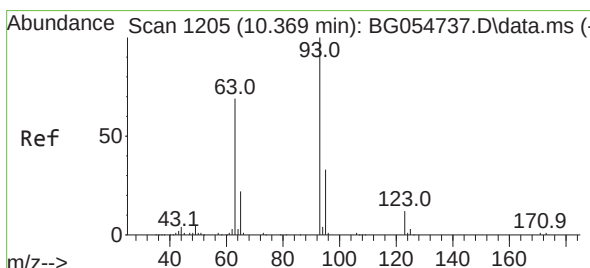
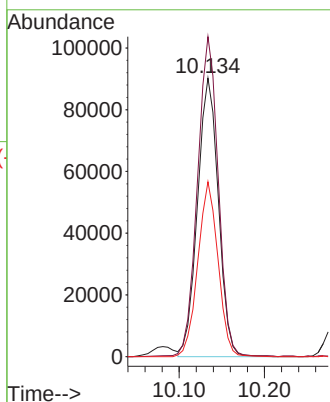
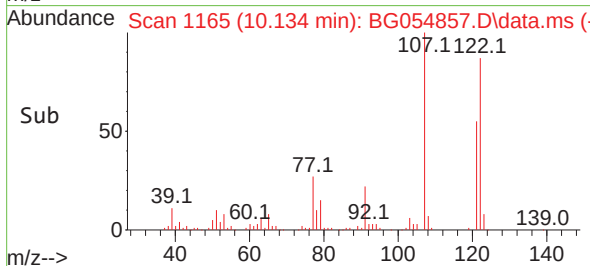


Tgt Ion:122 Resp: 153434
Ion Ratio Lower Upper
122 100
107 114.9 94.6 142.0
121 62.8 49.8 74.6

Manual Integrations

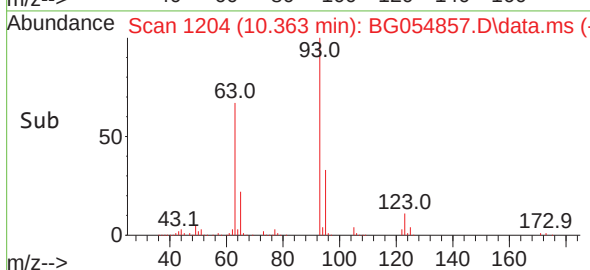
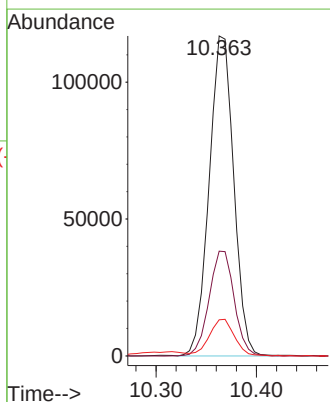
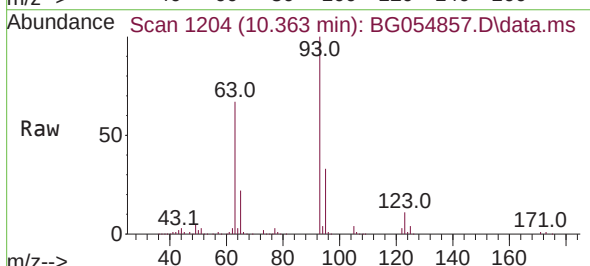
APPROVED

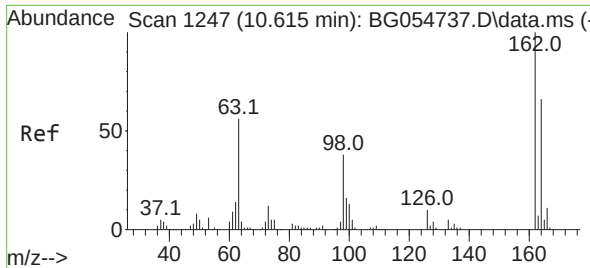
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.539 ng
RT: 10.363 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

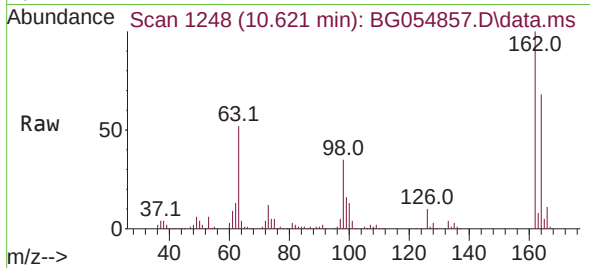
Tgt Ion: 93 Resp: 198977
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.3 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 50.889 ng
RT: 10.621 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

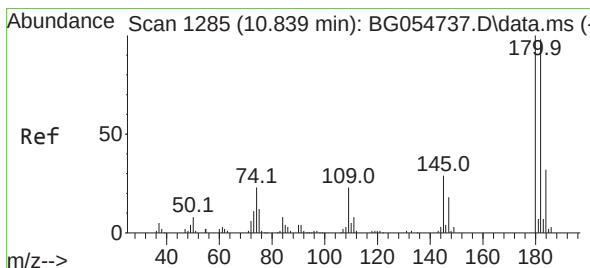
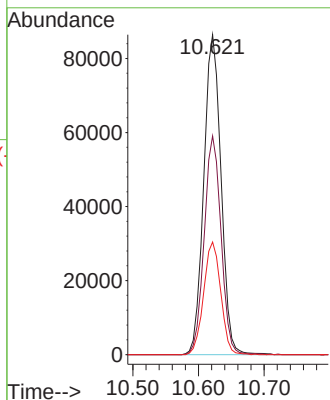
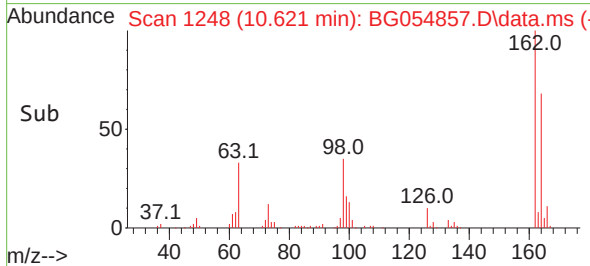
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



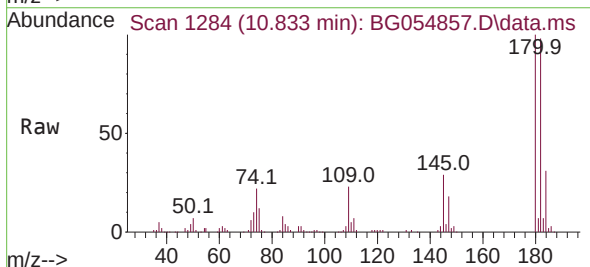
Tgt Ion:162 Resp: 157536
Ion Ratio Lower Upper
162 100
164 68.3 47.2 87.2
98 35.2 16.6 56.6

Manual Integrations
APPROVED

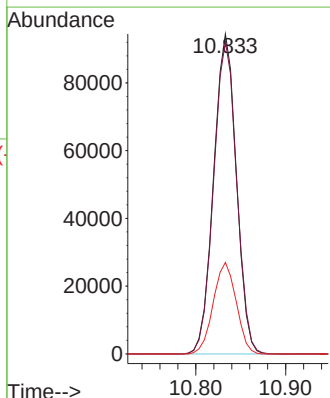
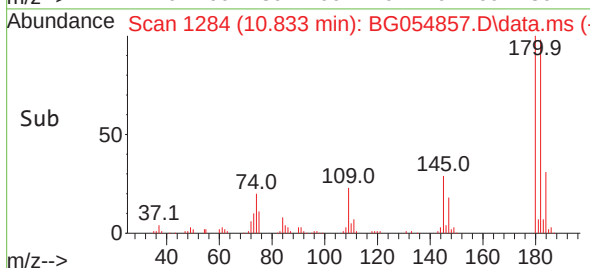
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

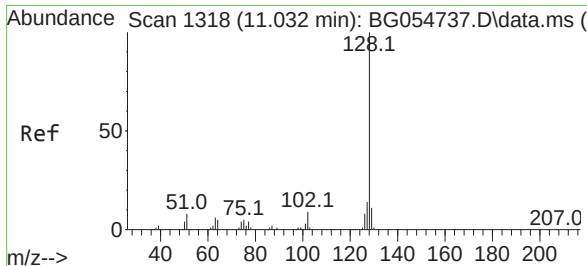


#30
1,2,4-Trichlorobenzene
Concen: 47.076 ng
RT: 10.833 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



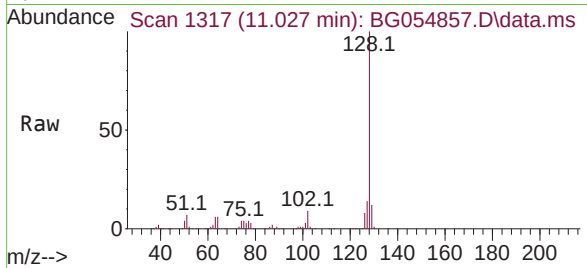
Tgt Ion:180 Resp: 166543
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.6
145 28.6 24.0 36.0





#31
Naphthalene
Concen: 45.325 ng
RT: 11.027 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

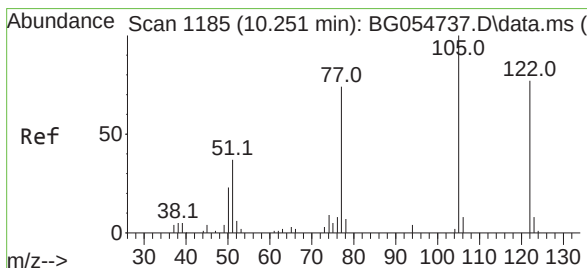
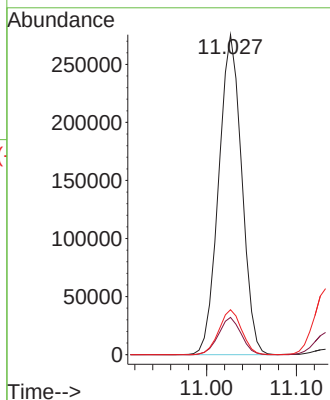
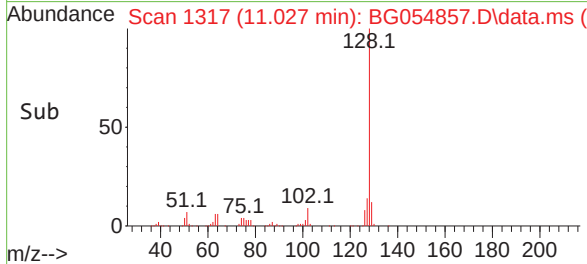
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:128 Resp: 492538
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.0 11.1 16.7

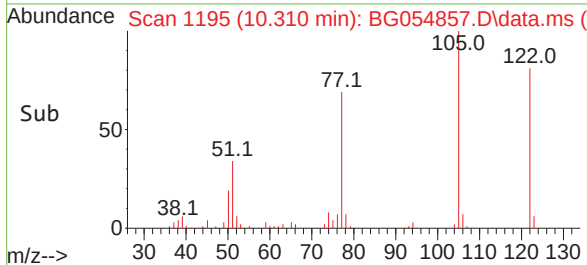
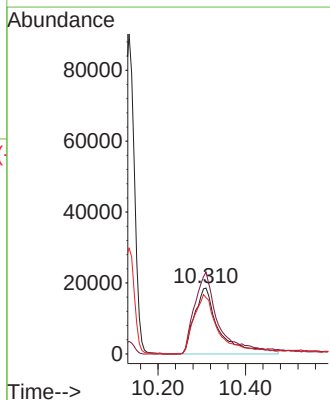
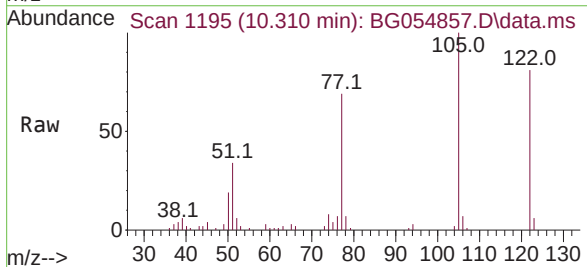
Manual Integrations
APPROVED

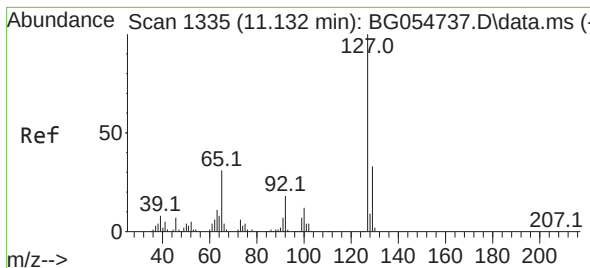
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#32
Benzoic acid
Concen: 39.060 ng
RT: 10.310 min Scan# 1195
Delta R.T. 0.059 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:122 Resp: 72526
Ion Ratio Lower Upper
122 100
105 124.1 101.5 141.5
77 85.6 69.3 109.3





#33
4-Chloroaniline
Concen: 27.048 ng
RT: 11.132 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

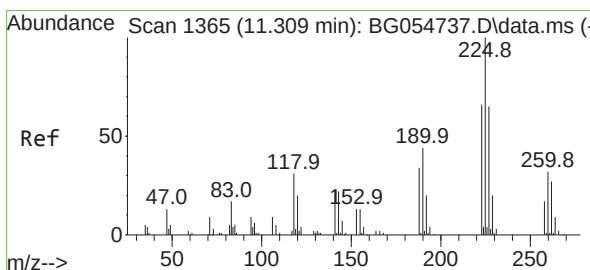
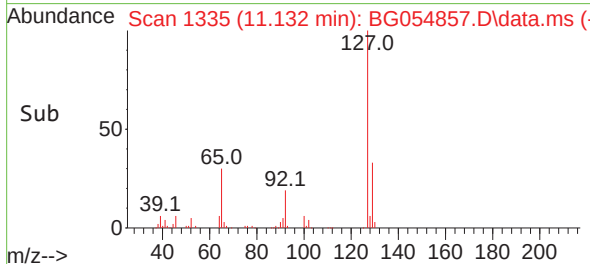
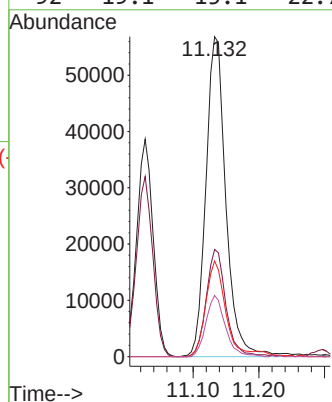
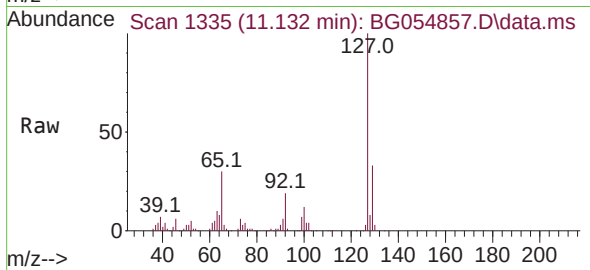
PC-1MSD

Tgt Ion:127 Resp: 119828
Ion Ratio Lower Upper
127 100
129 33.5 26.0 39.0
65 29.9 25.8 38.8
92 19.1 15.1 22.7

Manual Integrations

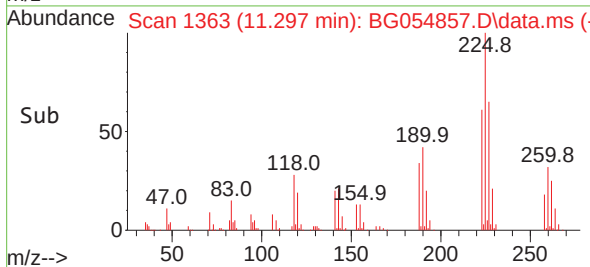
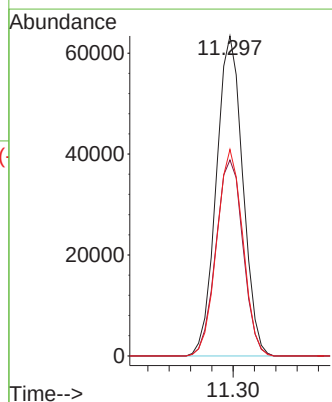
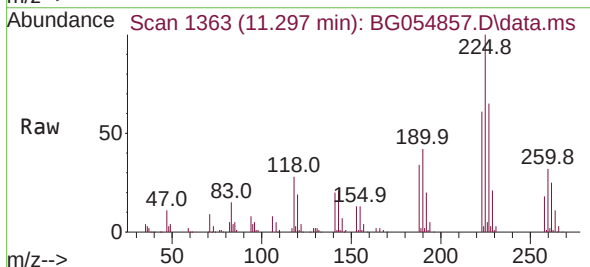
APPROVED

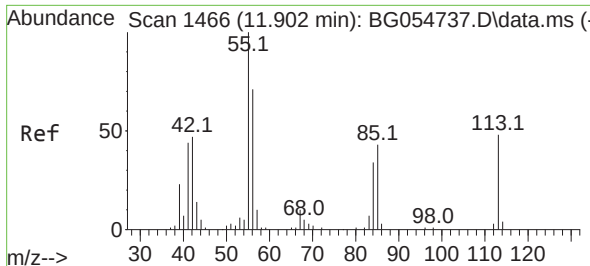
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#34
Hexachlorobutadiene
Concen: 48.294 ng
RT: 11.297 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

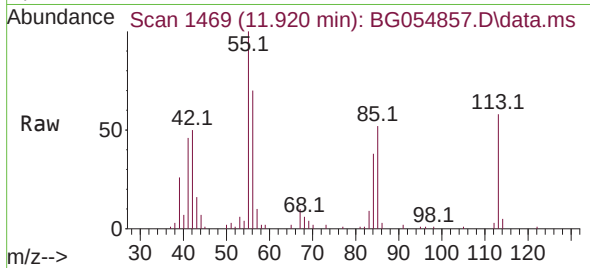
Tgt Ion:225 Resp: 109465
Ion Ratio Lower Upper
225 100
223 61.2 51.4 77.0
227 64.5 52.6 79.0





#35
 Caprolactam
 Concen: 46.497 ng m
 RT: 11.920 min Scan# 1466
 Delta R.T. 0.018 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

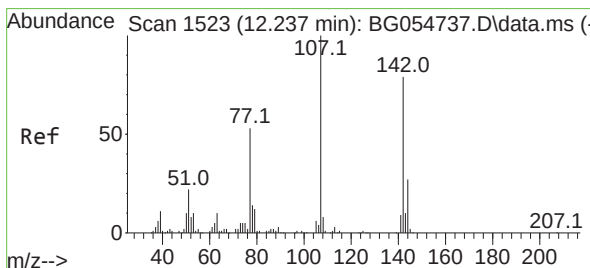
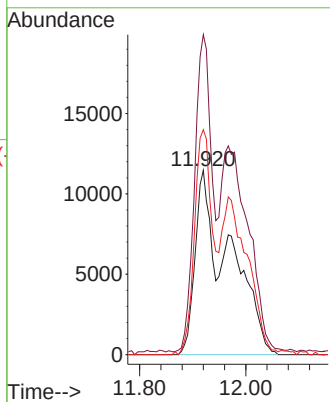
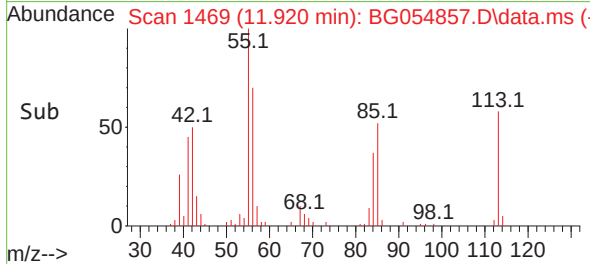
Instrument :
 BNA_G
 ClientSampleId :
 PC-1MSD



Tgt Ion:113 Resp: 50782
 Ion Ratio Lower Upper
 113 100
 55 173.8 179.1 219.1
 56 122.1 120.8 160.8

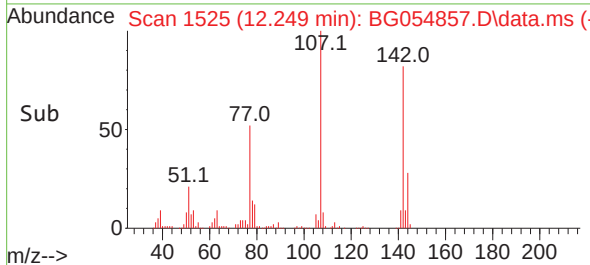
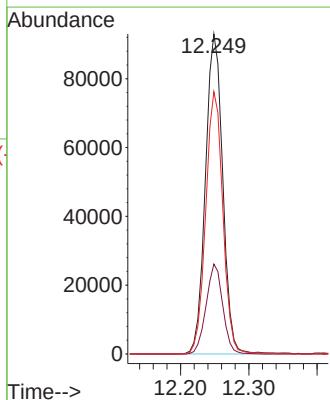
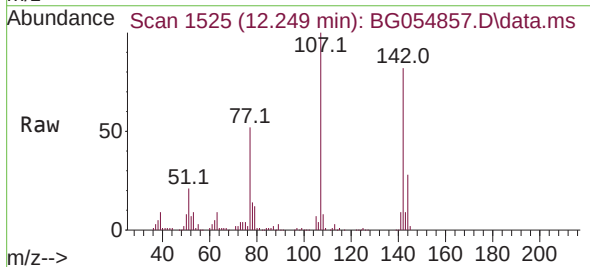
Manual Integrations
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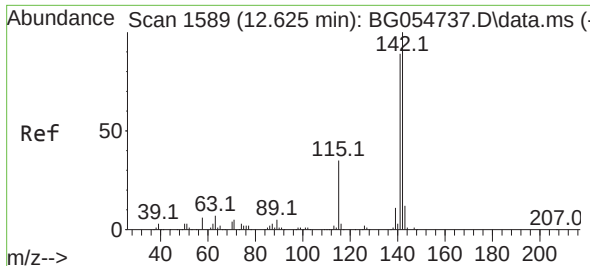
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#36
 4-Chloro-3-methylphenol
 Concen: 48.306 ng
 RT: 12.249 min Scan# 1525
 Delta R.T. 0.012 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

Tgt Ion:107 Resp: 163527
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.4 33.6
 142 81.9 65.8 98.8





#37
2-Methylnaphthalene
Concen: 45.465 ng
RT: 12.619 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

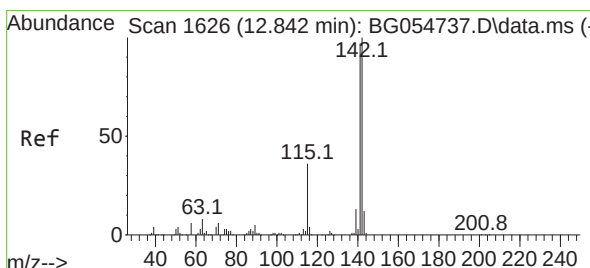
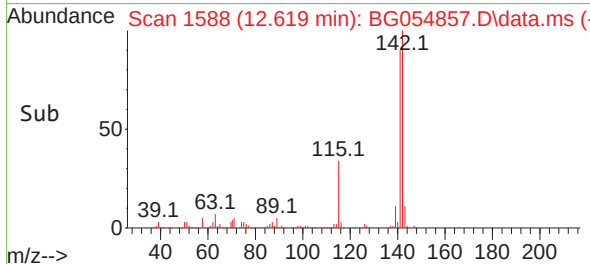
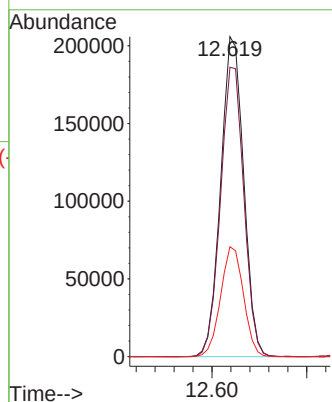
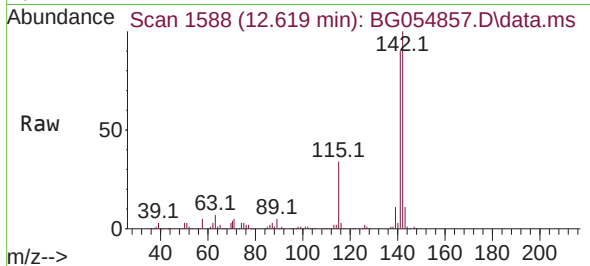
PC-1MSD

Tgt Ion:142 Resp: 346278
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4
115 34.3 27.3 40.9

Manual Integrations

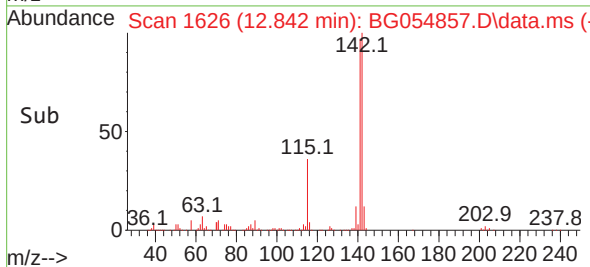
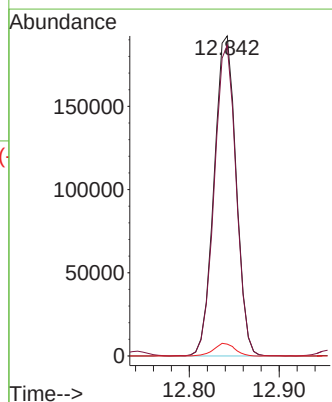
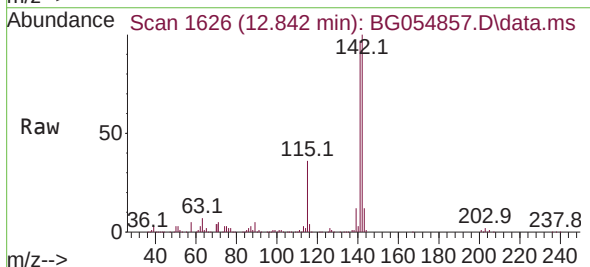
APPROVED

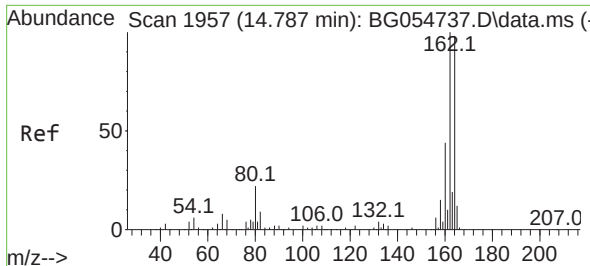
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#38
1-Methylnaphthalene
Concen: 44.505 ng
RT: 12.842 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:142 Resp: 329791
Ion Ratio Lower Upper
142 100
141 97.1 77.4 116.0
116 3.7 3.0 4.4





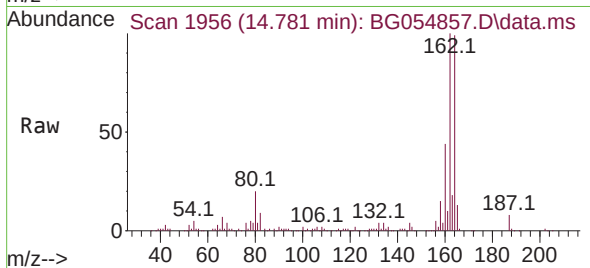
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

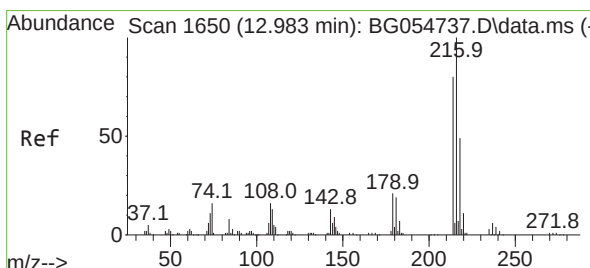
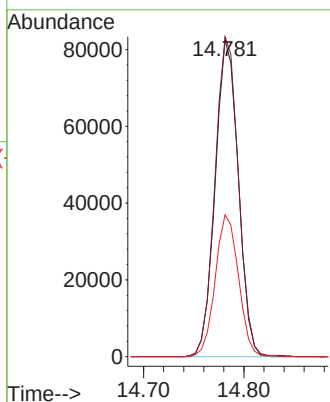
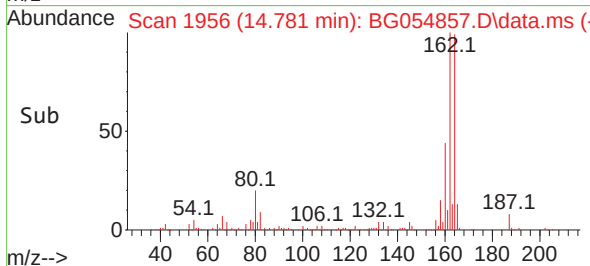


Tgt Ion:164 Resp: 132085
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.4
160 44.8 38.0 57.0

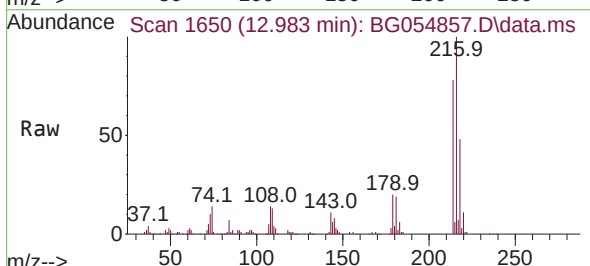
Manual Integrations

APPROVED

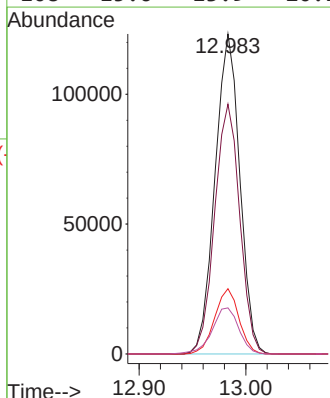
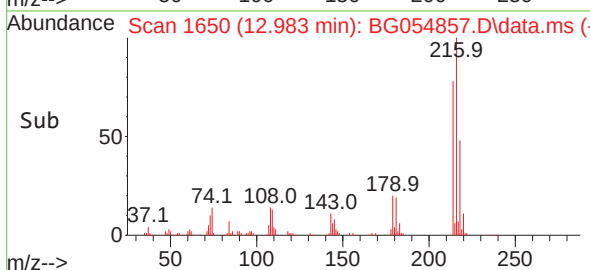
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

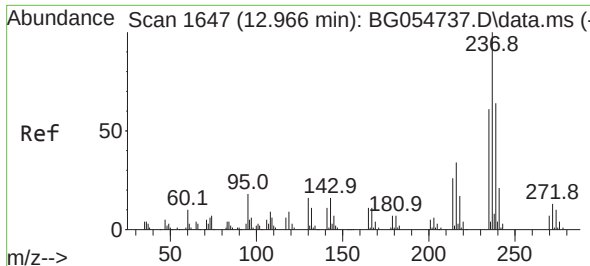


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.944 ng
RT: 12.983 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



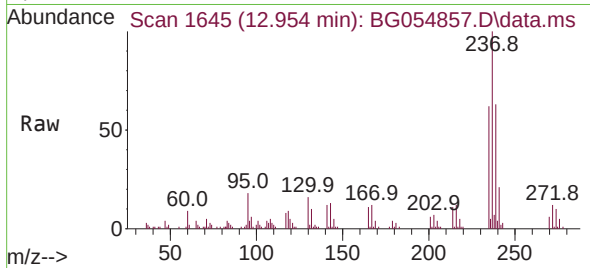
Tgt Ion:216 Resp: 198858
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 20.0 16.5 24.7
108 15.6 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 21.249 ng
RT: 12.954 min Scan# 1645
Delta R.T. -0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

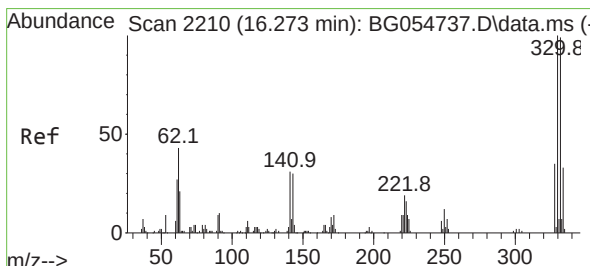
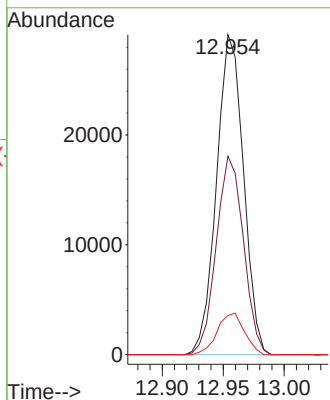
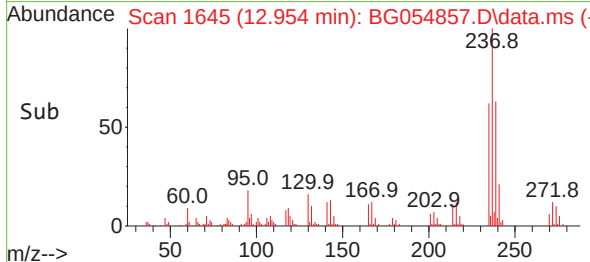
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



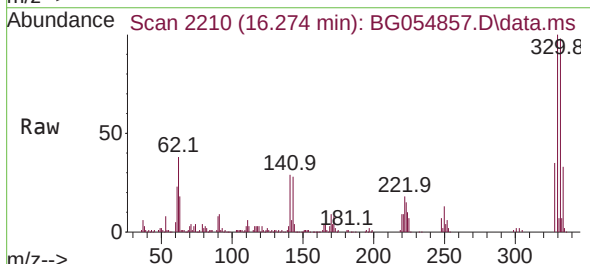
Tgt Ion:237 Resp: 44868
Ion Ratio Lower Upper
237 100
235 62.0 42.2 82.2
272 12.2 0.0 34.0

Manual Integrations
APPROVED

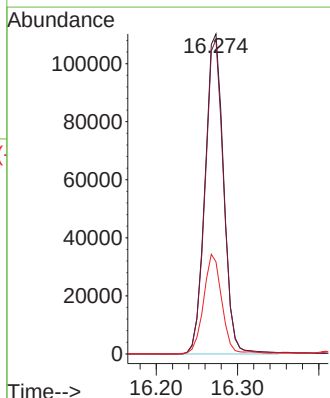
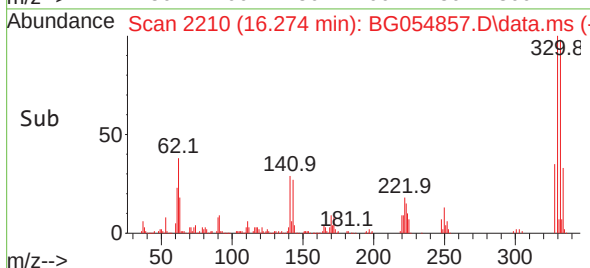
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

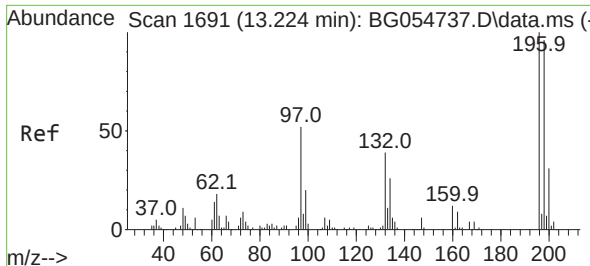


#42
2,4,6-Tribromophenol
Concen: 106.315 ng
RT: 16.274 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



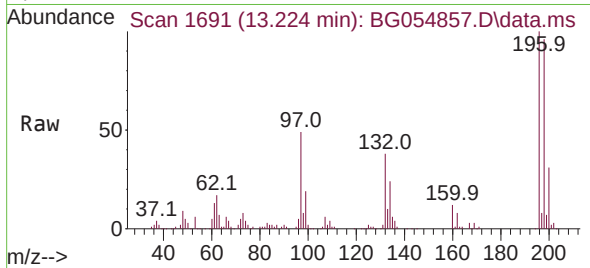
Tgt Ion:330 Resp: 175472
Ion Ratio Lower Upper
330 100
332 97.7 79.8 119.6
141 30.8 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 49.189 ng
RT: 13.224 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

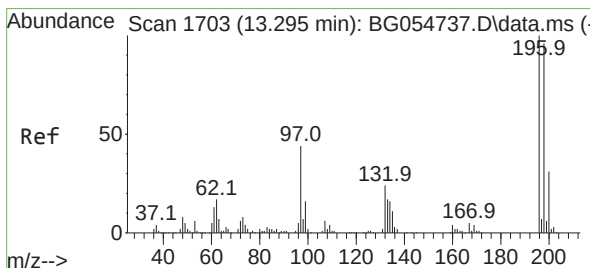
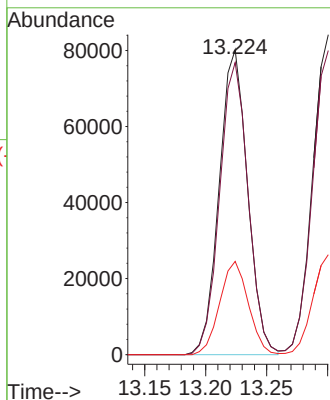
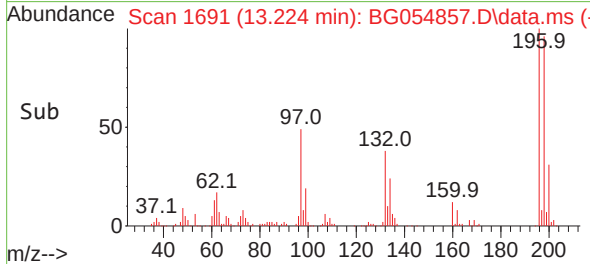
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



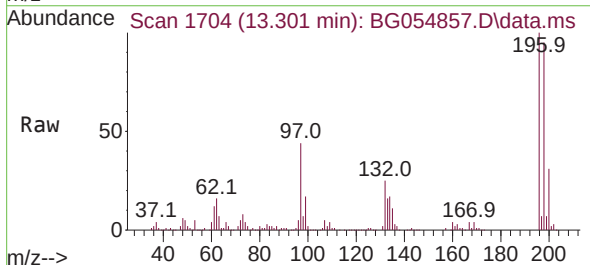
Tgt Ion:196 Resp: 129996
Ion Ratio Lower Upper
196 100
198 95.8 77.1 115.7
200 30.6 24.2 36.4

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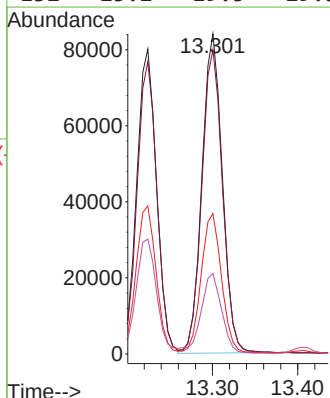
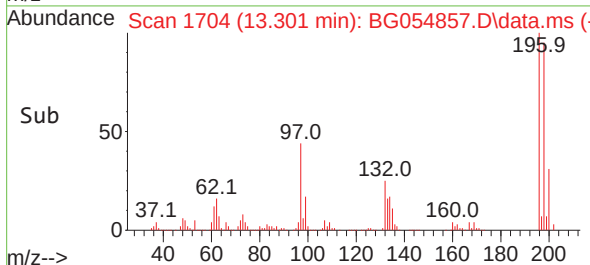
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

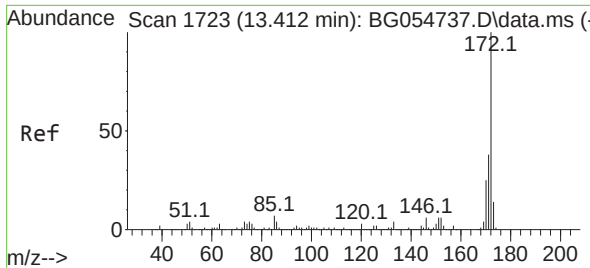


#44
2,4,5-Trichlorophenol
Concen: 46.995 ng
RT: 13.301 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



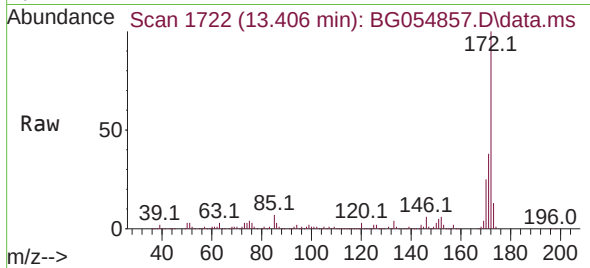
Tgt Ion:196 Resp: 139480
Ion Ratio Lower Upper
196 100
198 95.0 76.7 115.1
97 43.9 36.6 55.0
132 25.2 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 65.323 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

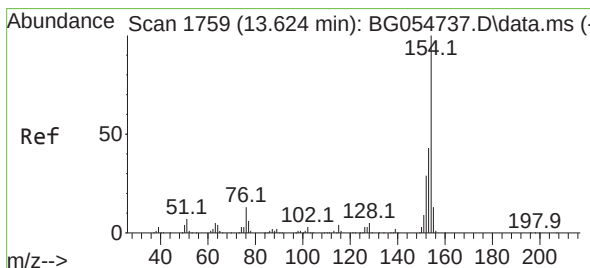
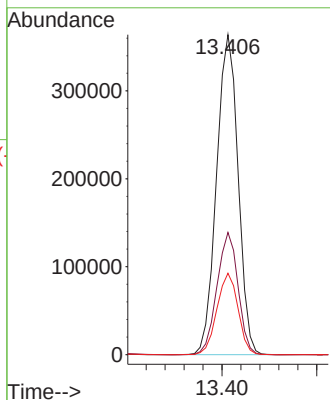
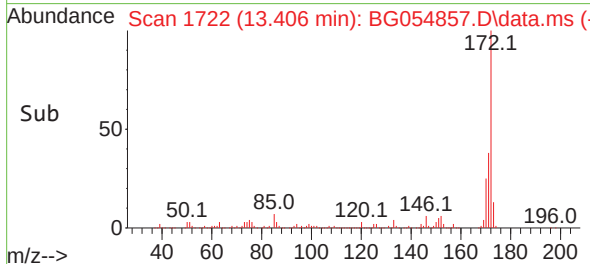
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



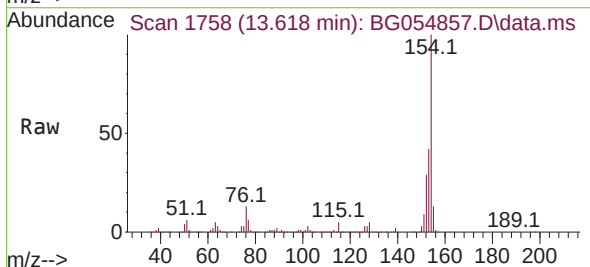
Tgt Ion:172 Resp: 574060
Ion Ratio Lower Upper
172 100
171 38.2 31.2 46.8
170 25.4 20.6 30.8

Manual Integrations
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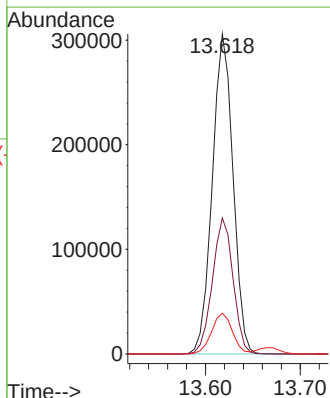
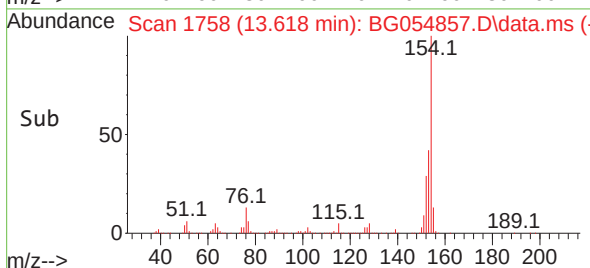
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

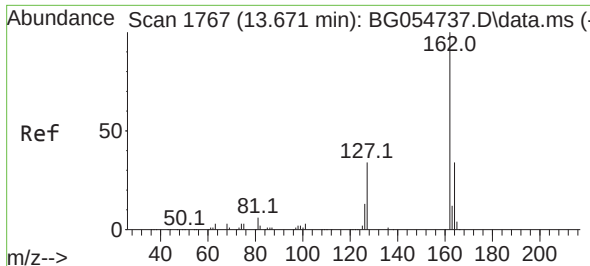


#46
1,1'-Biphenyl
Concen: 47.220 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:154 Resp: 463170
Ion Ratio Lower Upper
154 100
153 42.5 22.2 62.2
76 12.7 0.0 34.0





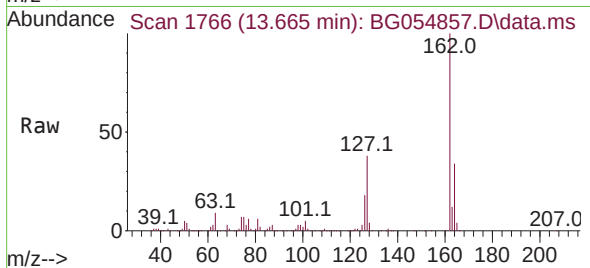
#47
2-Chloronaphthalene
Concen: 46.641 ng
RT: 13.665 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

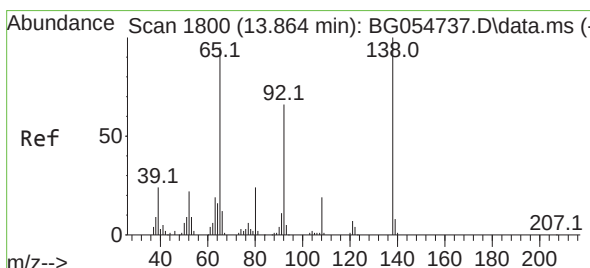
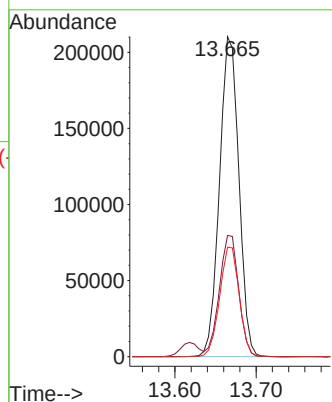
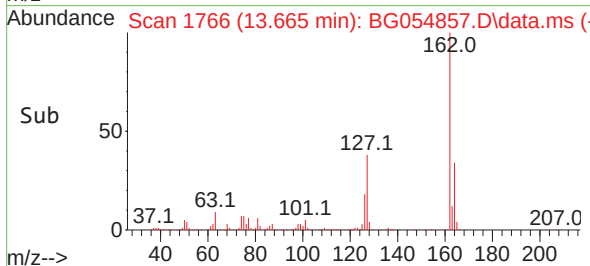


Tgt Ion:162 Resp: 347444
Ion Ratio Lower Upper
162 100
127 37.9 31.5 47.3
164 34.2 27.8 41.6

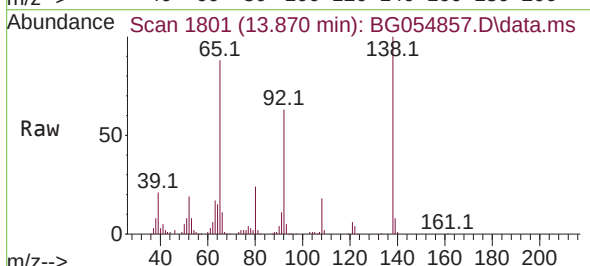
Manual Integrations

APPROVED

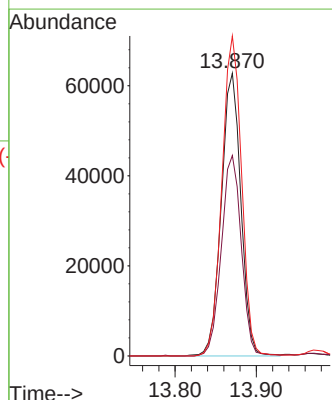
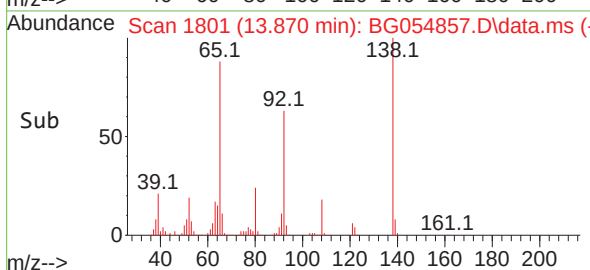
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

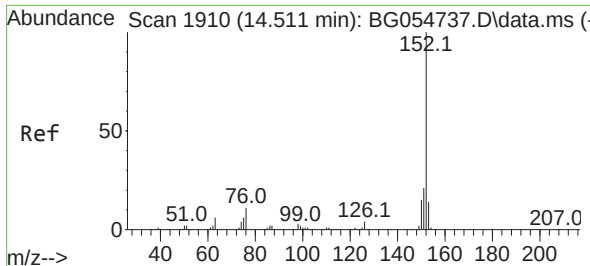


#48
2-Nitroaniline
Concen: 44.949 ng
RT: 13.870 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion: 65 Resp: 104936
Ion Ratio Lower Upper
65 100
92 70.9 54.7 82.1
138 113.2 84.1 126.1





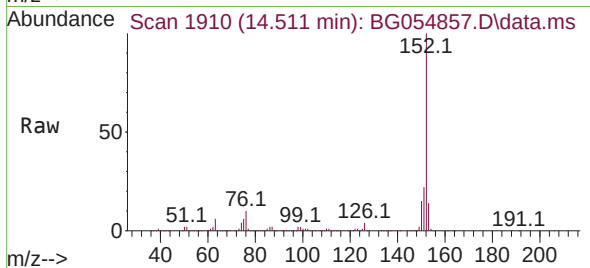
#49
Acenaphthylene
Concen: 45.311 ng
RT: 14.511 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

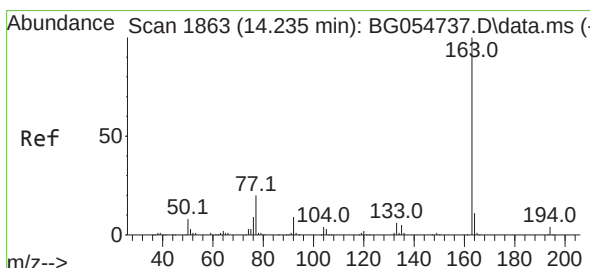
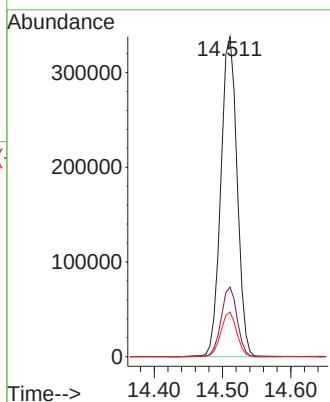
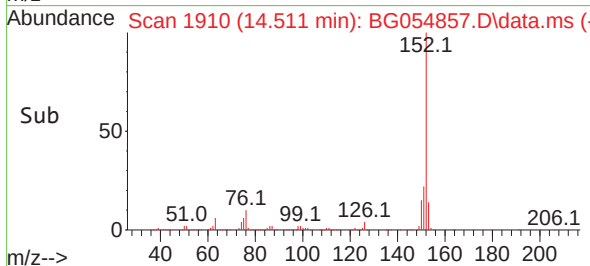


Tgt Ion:152 Resp: 556996
Ion Ratio Lower Upper
152 100
151 21.7 17.3 25.9
153 13.9 10.8 16.2

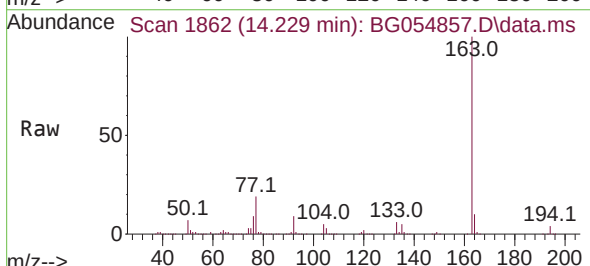
Manual Integrations

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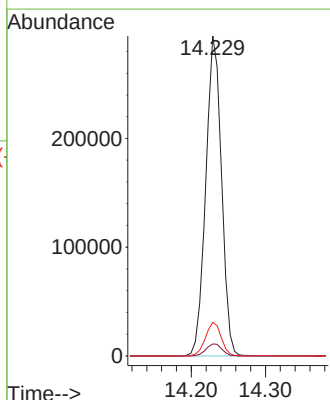
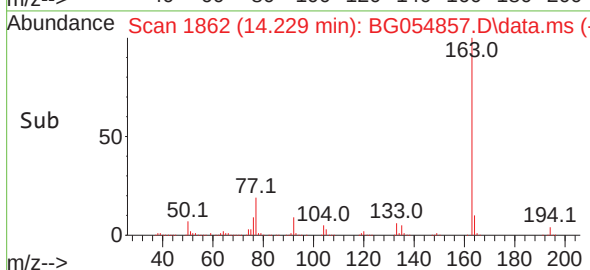
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

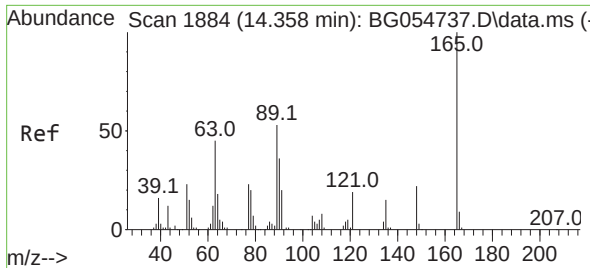


#50
Dimethylphthalate
Concen: 42.546 ng
RT: 14.229 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



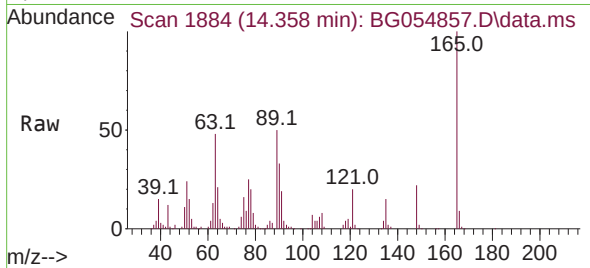
Tgt Ion:163 Resp: 432944
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.965 ng
RT: 14.358 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

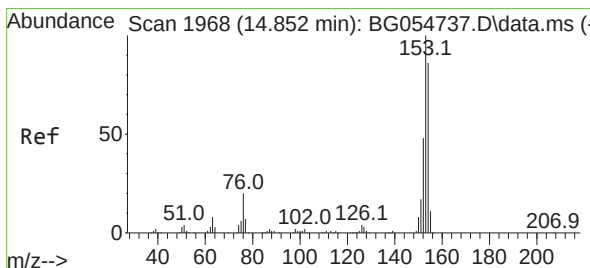
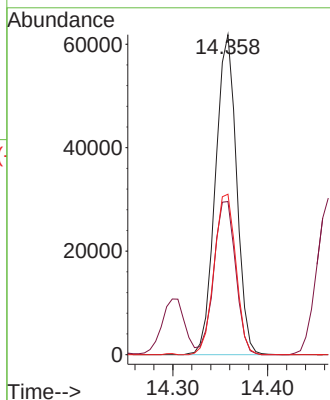
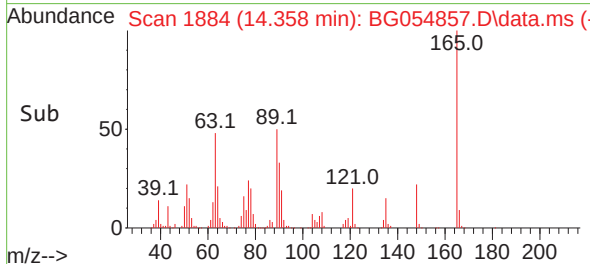
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



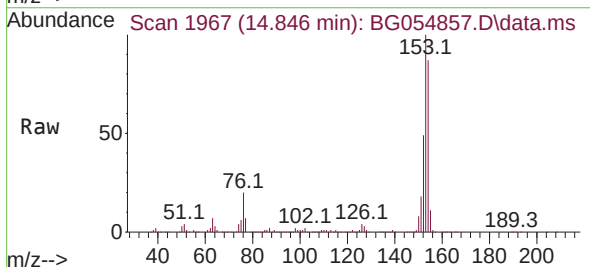
Tgt Ion:165 Resp: 9567
Ion Ratio Lower Upper
165 100
63 47.8 46.0 69.0
89 50.1 50.3 75.5

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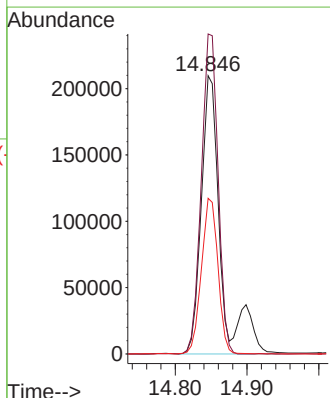
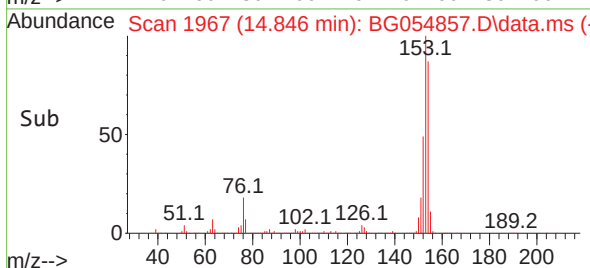
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

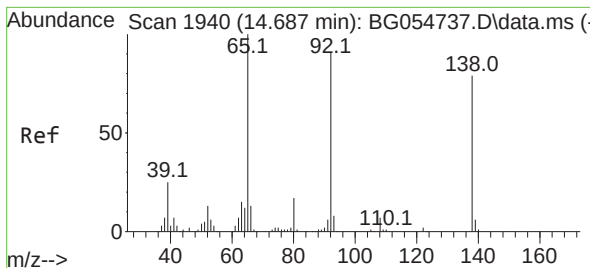


#52
Acenaphthene
Concen: 49.962 ng m
RT: 14.846 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



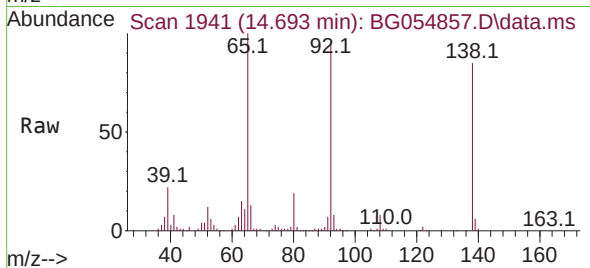
Tgt Ion:154 Resp: 394511
Ion Ratio Lower Upper
154 100
153 115.0 92.8 139.2
152 55.9 45.4 68.2





#53
3-Nitroaniline
Concen: 36.262 ng
RT: 14.693 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

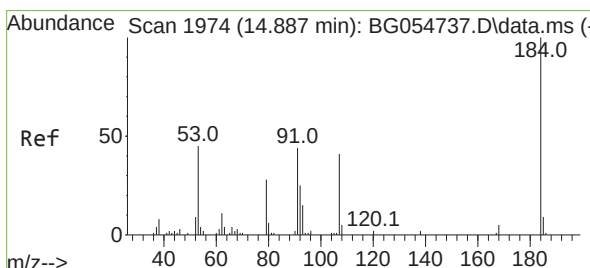
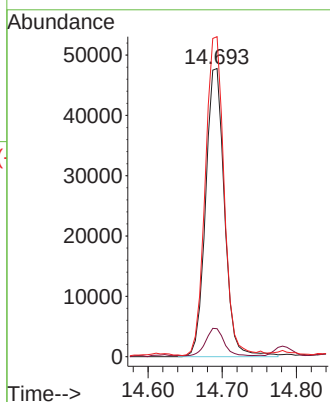
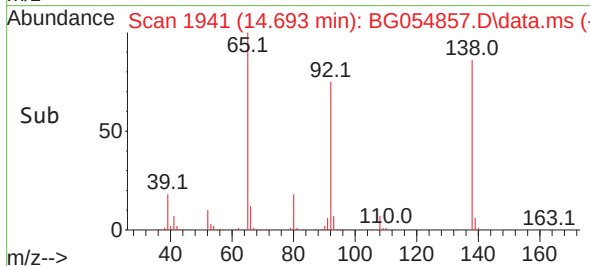
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



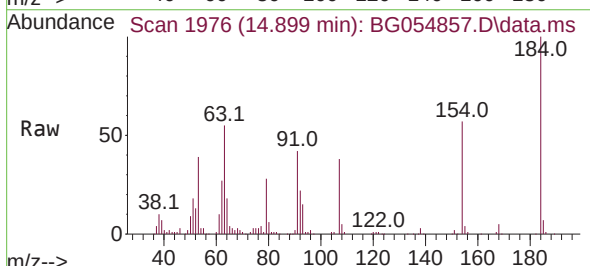
Tgt Ion:138 Resp: 84490
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 111.0 96.0 144.0

Manual Integrations
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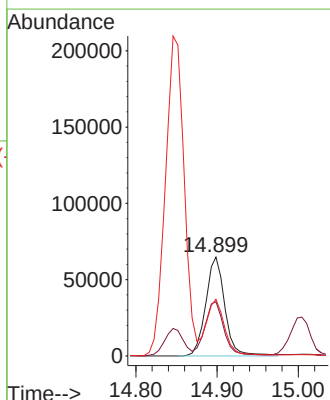
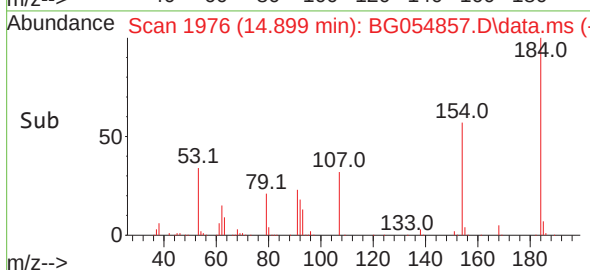
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

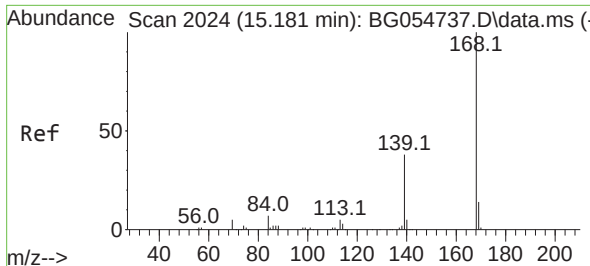


#54
2,4-Dinitrophenol
Concen: 89.237 ng
RT: 14.899 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



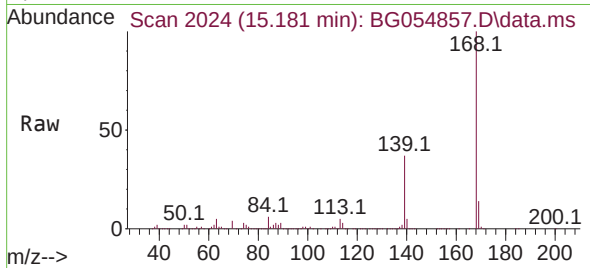
Tgt Ion:184 Resp: 105814
Ion Ratio Lower Upper
184 100
63 54.9 41.8 62.8
154 57.3 45.2 67.8





#55
Dibenzenofuran
Concen: 44.944 ng
RT: 15.181 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

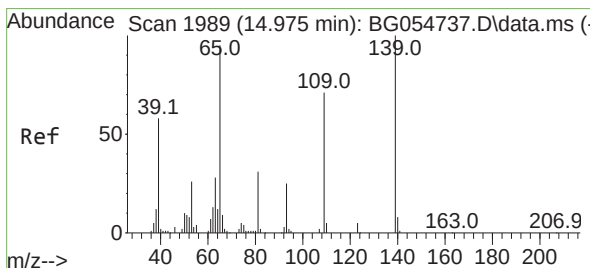
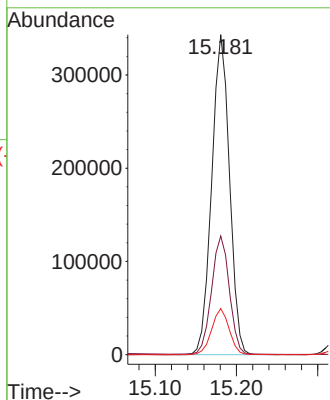
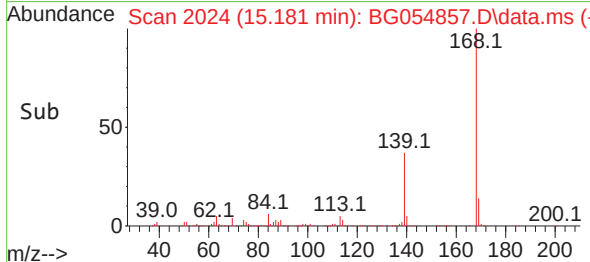
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:168 Resp: 521479
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.4 11.3 16.9

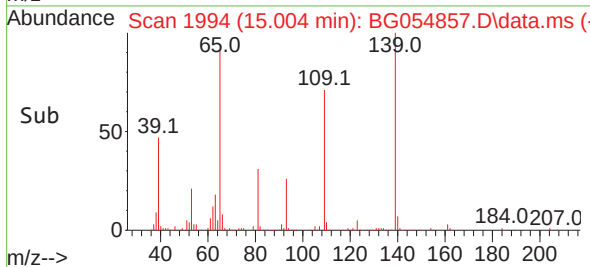
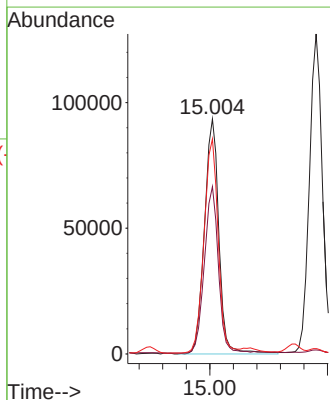
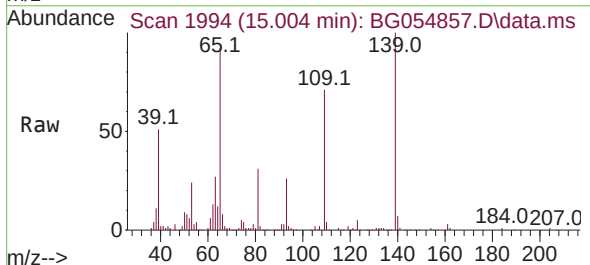
Manual Integrations
APPROVED

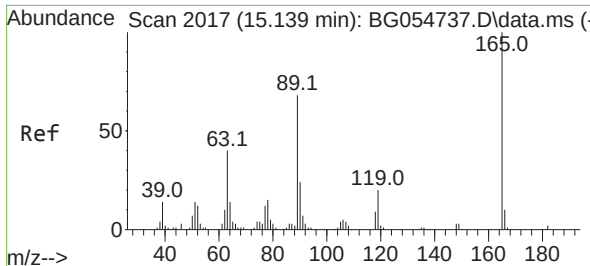
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#56
4-Nitrophenol
Concen: 88.560 ng
RT: 15.004 min Scan# 1994
Delta R.T. 0.029 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:139 Resp: 159683
Ion Ratio Lower Upper
139 100
109 71.2 50.5 90.5
65 91.5 79.9 119.9





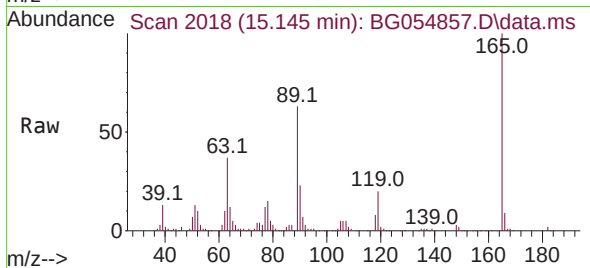
#57
2,4-Dinitrotoluene
Concen: 46.142 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

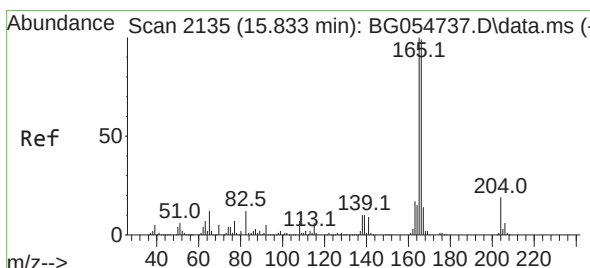
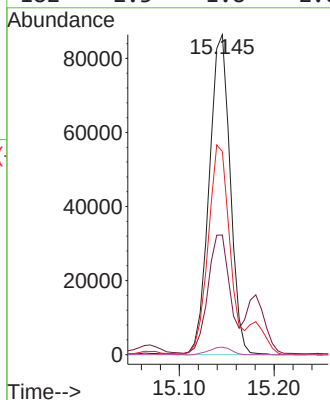
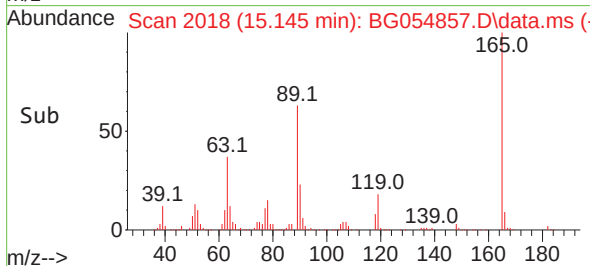


Tgt Ion:165 Resp: 132839
Ion Ratio Lower Upper
165 100
63 37.4 36.8 55.2
89 63.5 64.3 96.5
182 2.3 1.8 2.6

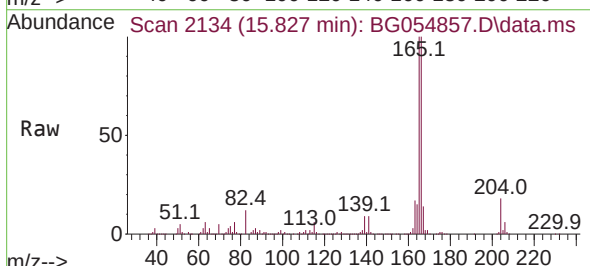
Manual Integrations

APPROVED

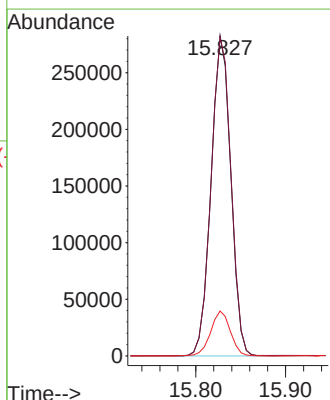
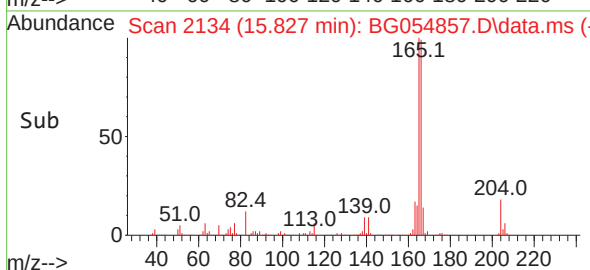
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

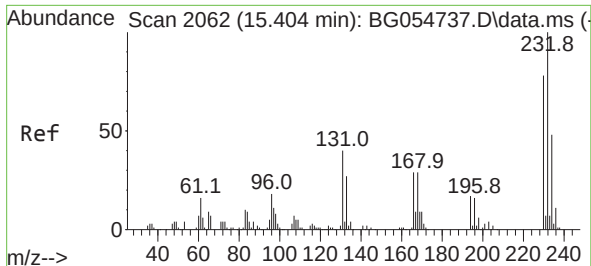


#58
Fluorene
Concen: 44.185 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:166 Resp: 431896
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 14.0 11.4 17.0





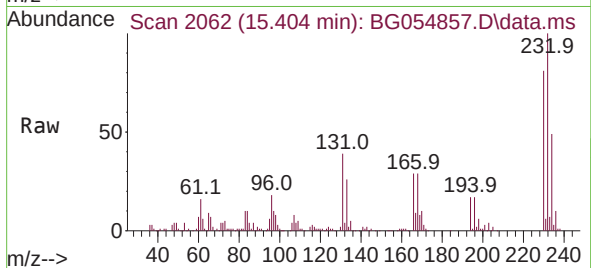
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.118 ng
RT: 15.404 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

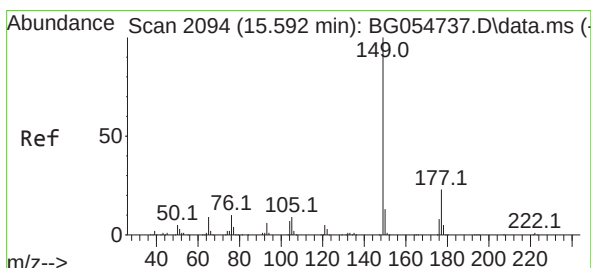
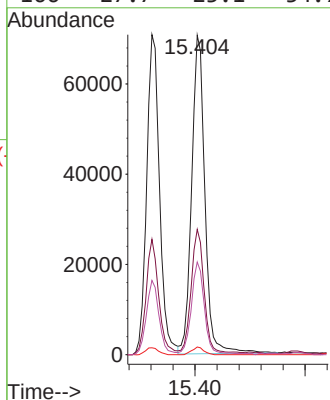
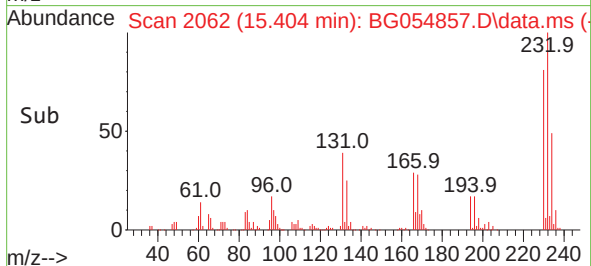


Tgt Ion:232 Resp: 118035
Ion Ratio Lower Upper
232 100
131 37.9 31.3 46.9
130 2.1 1.8 2.6
166 27.7 23.1 34.7

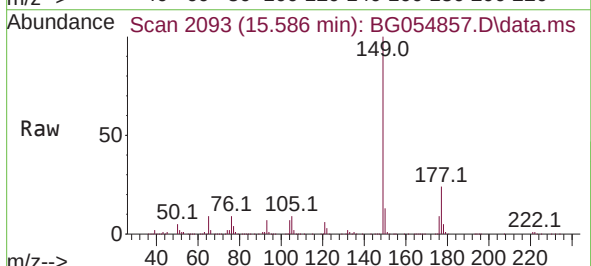
Manual Integrations

APPROVED

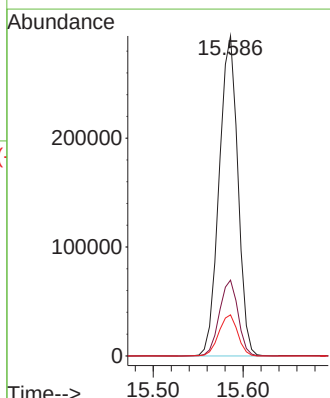
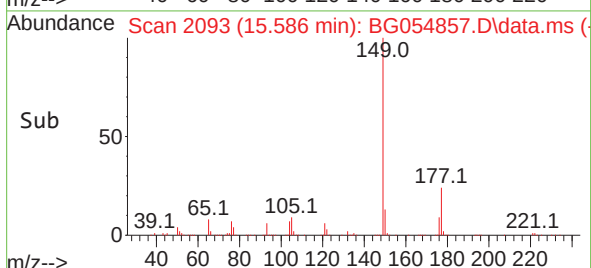
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

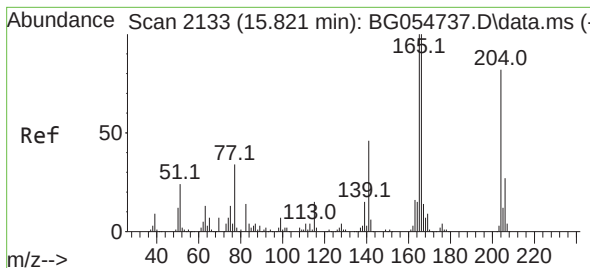


#60
Diethylphthalate
Concen: 42.002 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



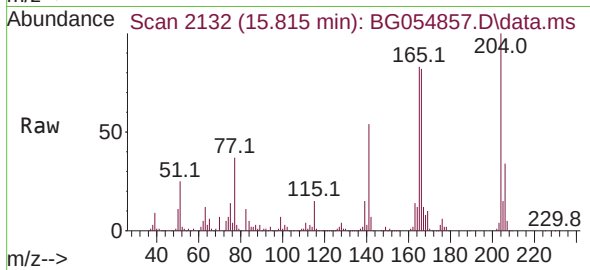
Tgt Ion:149 Resp: 426799
Ion Ratio Lower Upper
149 100
177 23.7 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.156 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

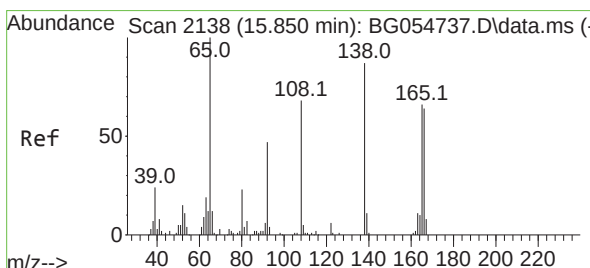
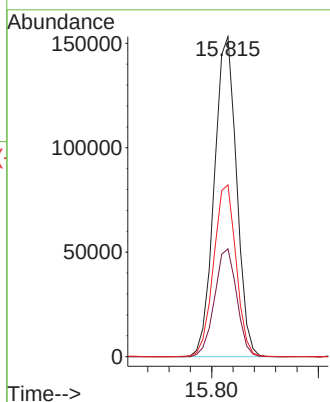
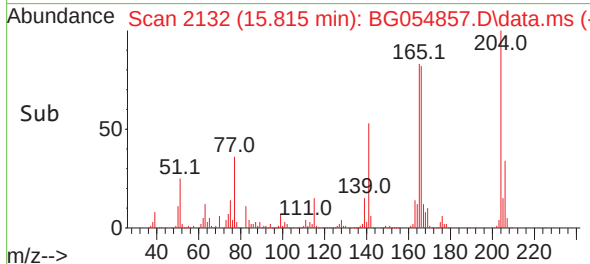
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



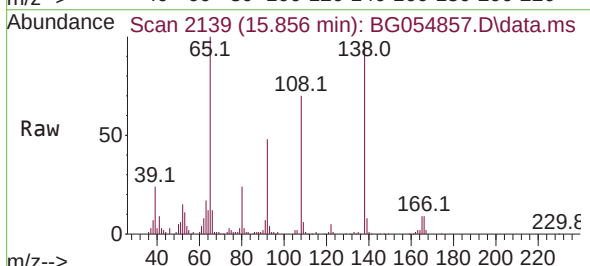
Tgt Ion:204 Resp: 222564
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 53.7 44.9 67.3

Manual Integrations
APPROVED

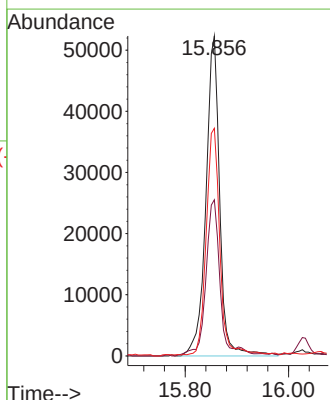
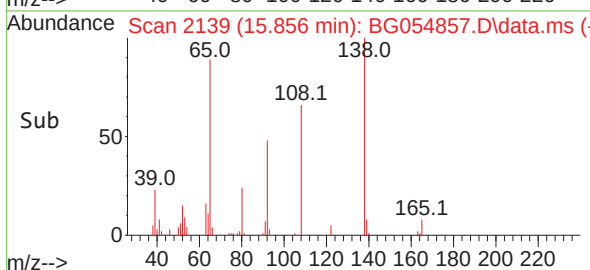
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

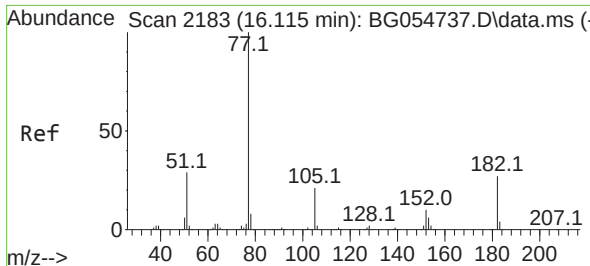


#62
4-Nitroaniline
Concen: 40.824 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:138 Resp: 97114
Ion Ratio Lower Upper
138 100
92 48.8 34.7 74.7
108 71.1 56.2 96.2





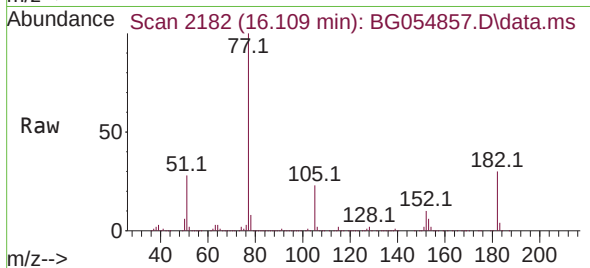
#63
Azobenzene
Concen: 40.092 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

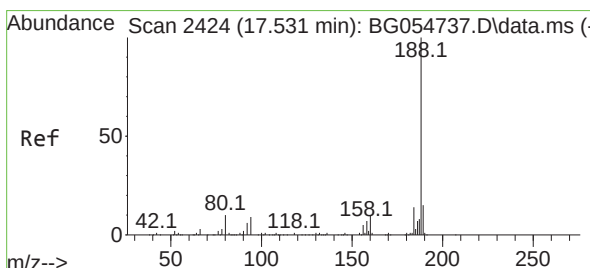
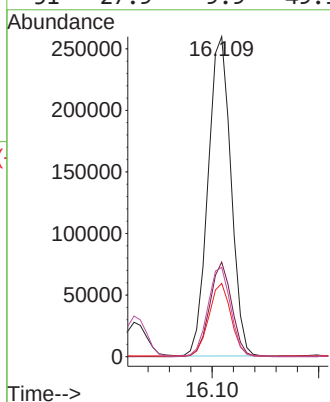
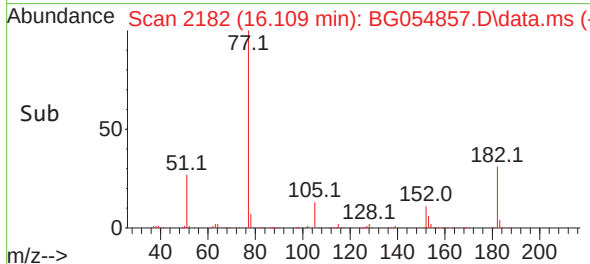


Tgt Ion: 77 Resp: 387164
Ion Ratio Lower Upper
77 100
182 29.5 5.1 45.1
105 22.9 0.7 40.7
51 27.9 9.9 49.9

Manual Integrations

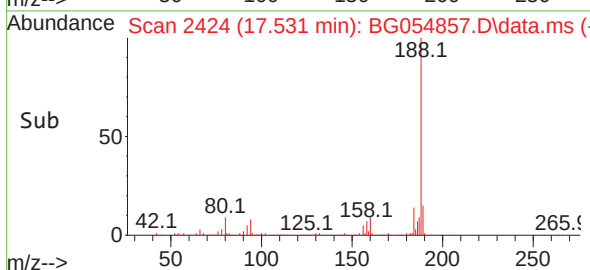
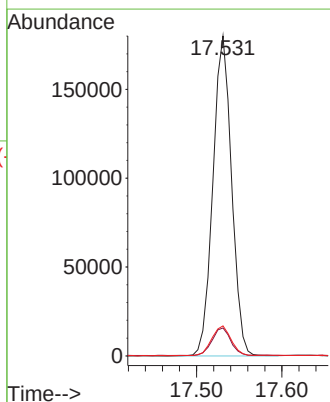
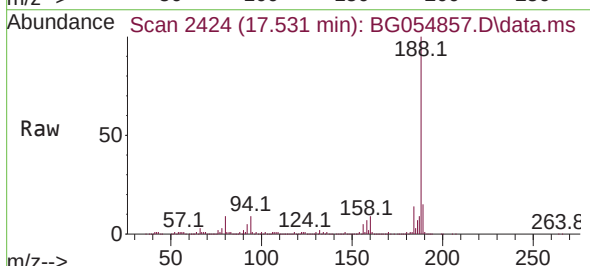
APPROVED

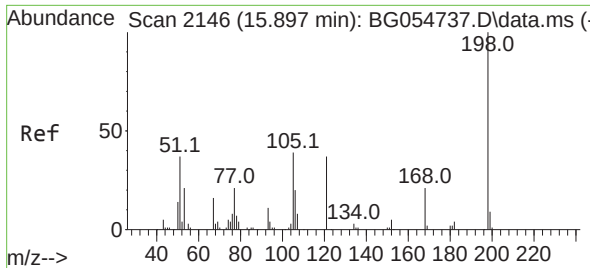
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:188 Resp: 274209
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.4 7.9 11.9





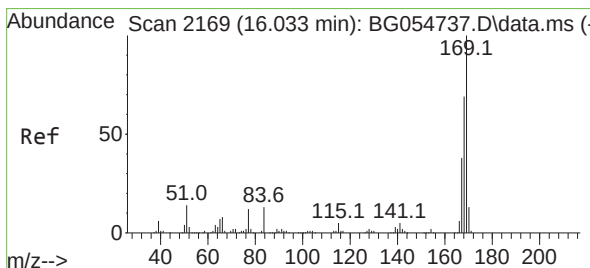
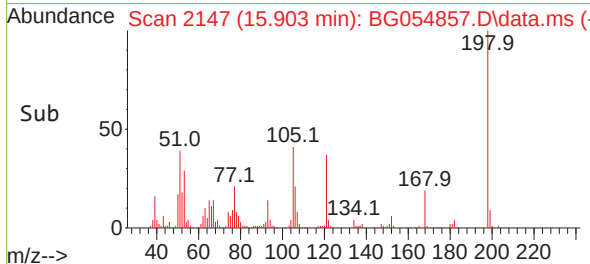
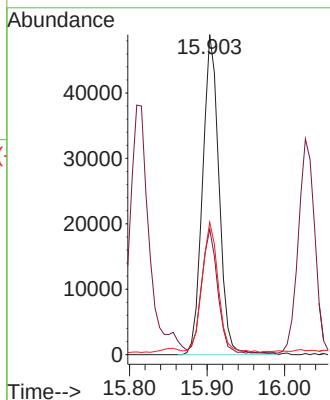
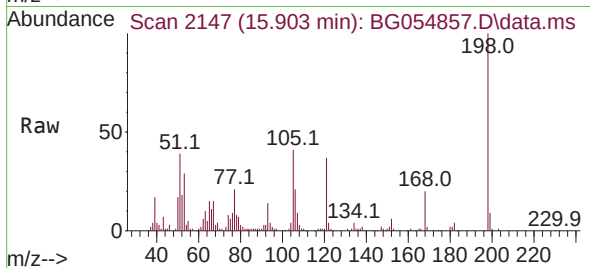
#65
4,6-Dinitro-2-methylphenol
Concen: 51.691 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :
BNA_G
ClientSampleId :
PC-1MSD

Tgt Ion:198 Resp: 72150
Ion Ratio Lower Upper
198 100
51 39.2 19.9 59.9
105 41.4 20.3 60.3

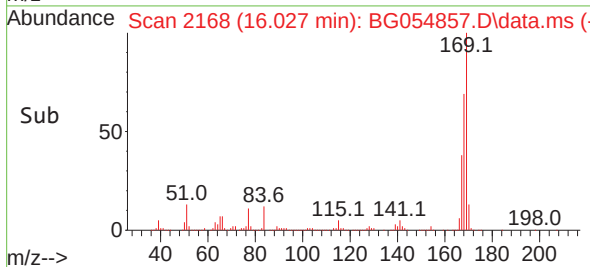
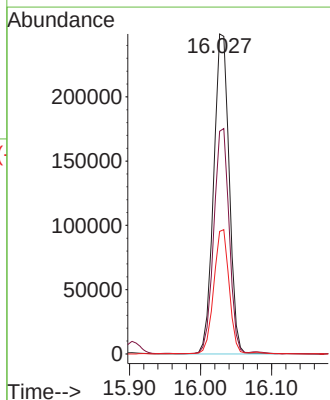
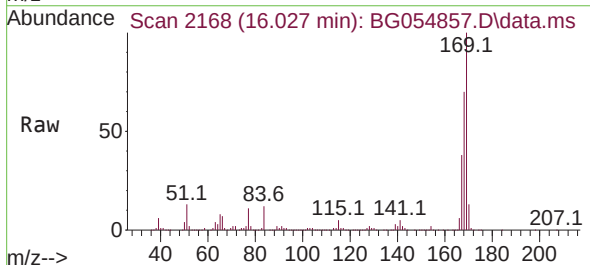
Manual Integrations
APPROVED

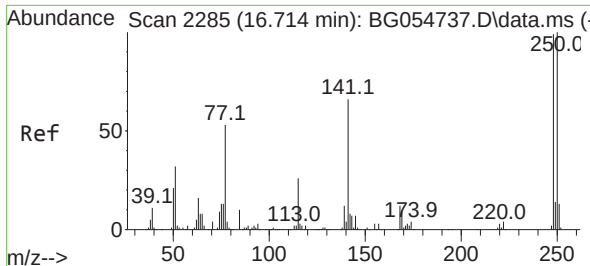
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#66
n-Nitrosodiphenylamine
Concen: 47.885 ng
RT: 16.027 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

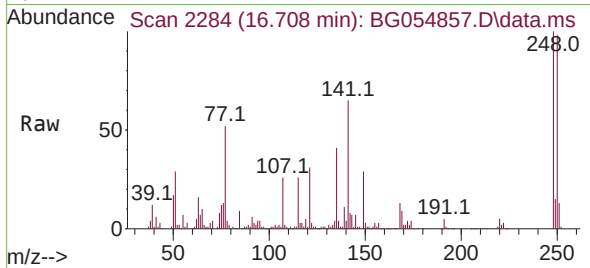
Tgt Ion:169 Resp: 378657
Ion Ratio Lower Upper
169 100
168 69.6 55.6 83.4
167 38.3 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 49.413 ng
RT: 16.708 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

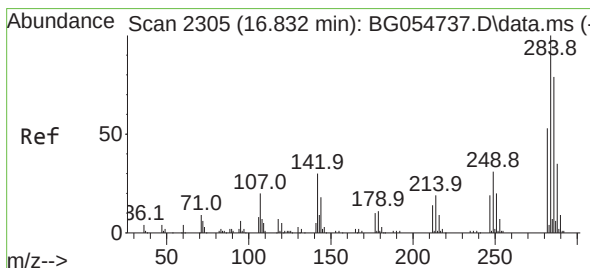
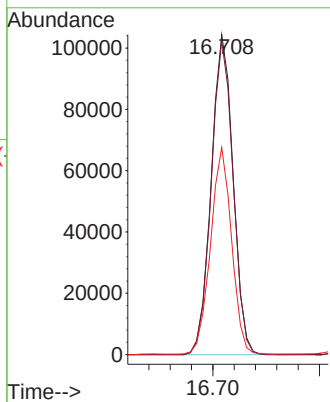
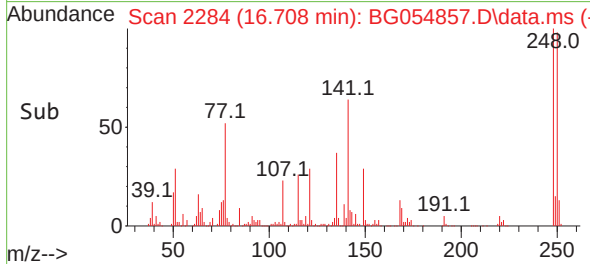
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



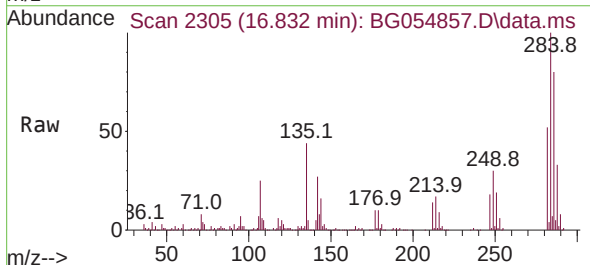
Tgt Ion:248 Resp: 148764
Ion Ratio Lower Upper
248 100
250 98.0 78.8 118.2
141 64.7 51.9 77.9

Manual Integrations
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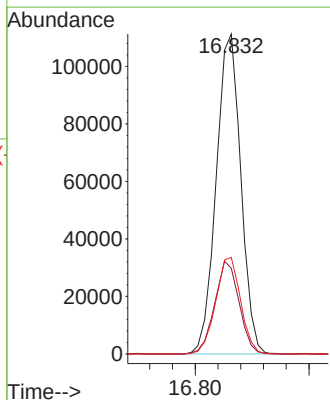
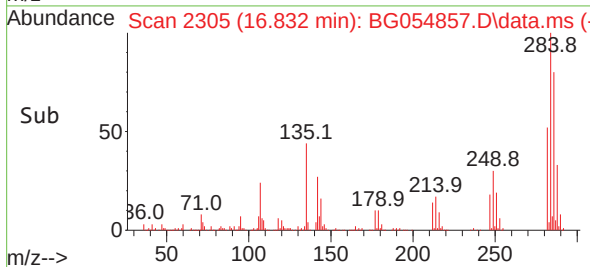
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

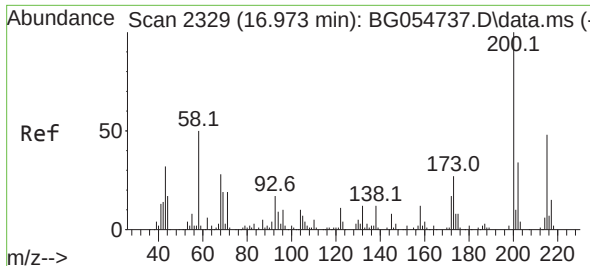


#68
Hexachlorobenzene
Concen: 49.364 ng
RT: 16.832 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



Tgt Ion:284 Resp: 167068
Ion Ratio Lower Upper
284 100
142 26.7 25.0 37.6
249 30.1 24.5 36.7





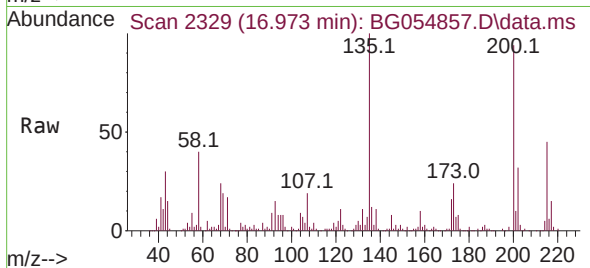
#69
 Atrazine
 Concen: 49.875 ng
 RT: 16.973 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

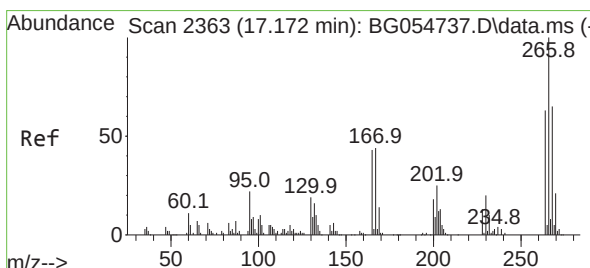
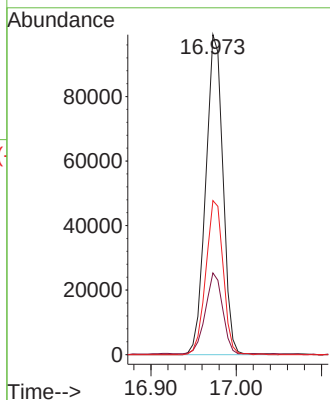
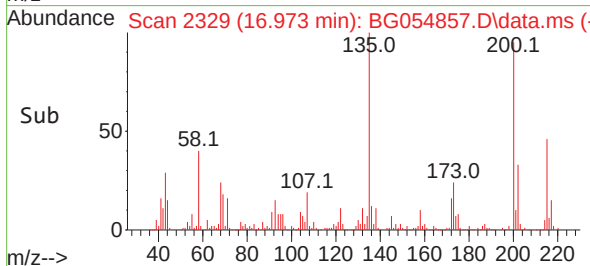


Tgt Ion:200 Resp: 139138
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 48.1 28.2 68.2

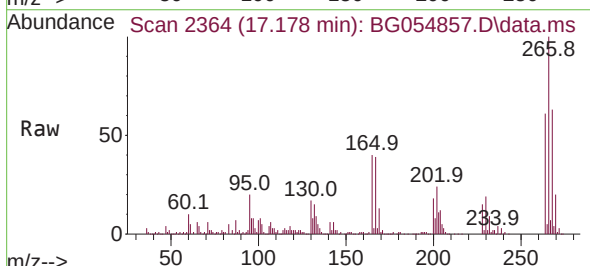
Manual Integrations

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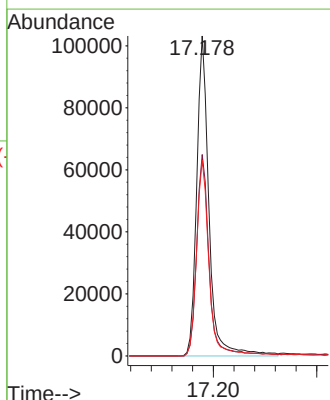
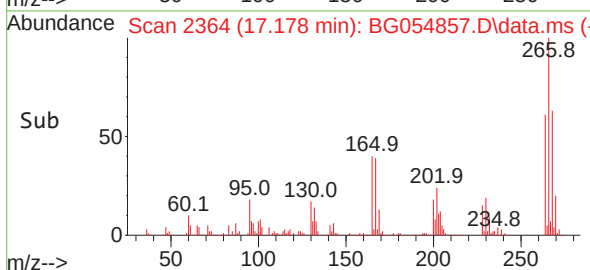
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

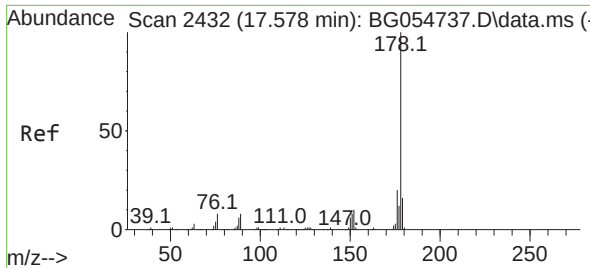


#70
 Pentachlorophenol
 Concen: 92.363 ng
 RT: 17.178 min Scan# 2364
 Delta R.T. 0.006 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35



Tgt Ion:266 Resp: 169843
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.2 76.8
 264 61.2 49.4 74.0





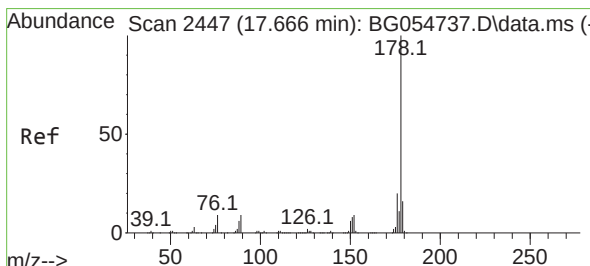
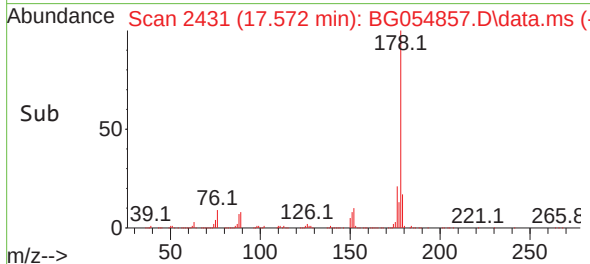
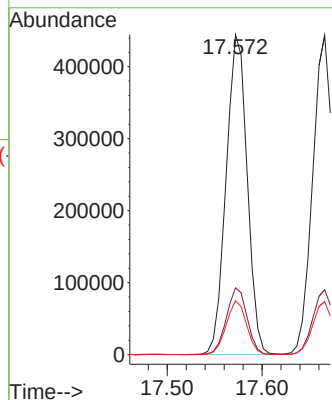
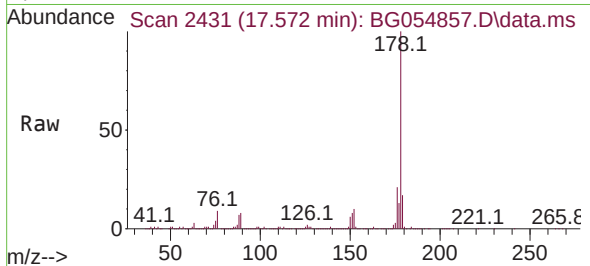
#71
Phenanthrene
Concen: 47.013 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :
BNA_G
ClientSampleId :
PC-1MSD

Tgt Ion:178 Resp: 686739
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.8 12.8 19.2

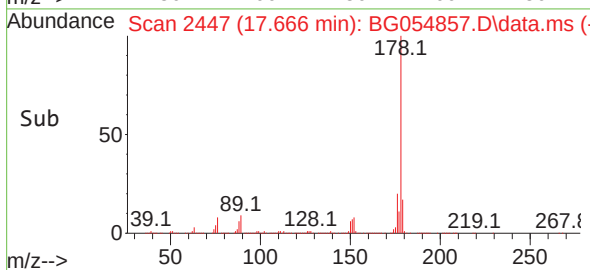
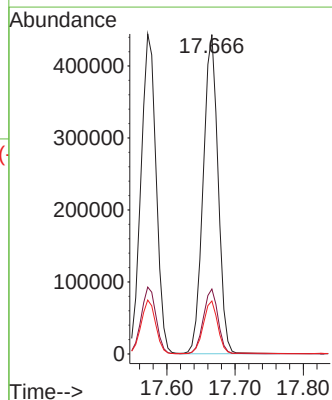
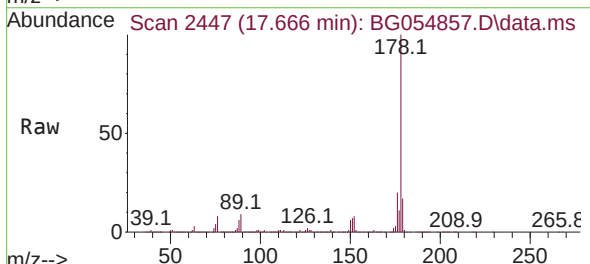
Manual Integrations
APPROVED

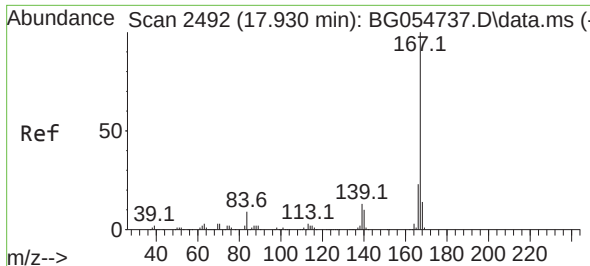
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#72
Anthracene
Concen: 47.399 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

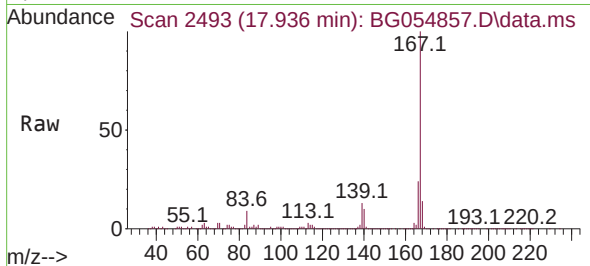
Tgt Ion:178 Resp: 673155
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.6 12.9 19.3





#73
 Carbazole
 Concen: 46.371 ng
 RT: 17.936 min Scan# 2492
 Delta R.T. 0.006 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

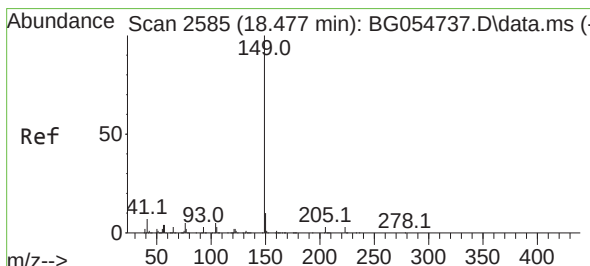
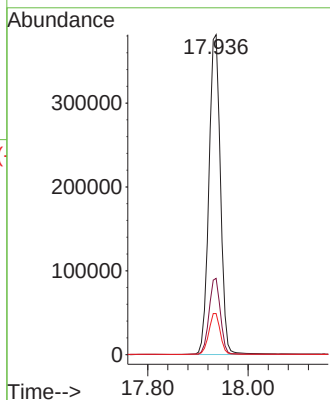
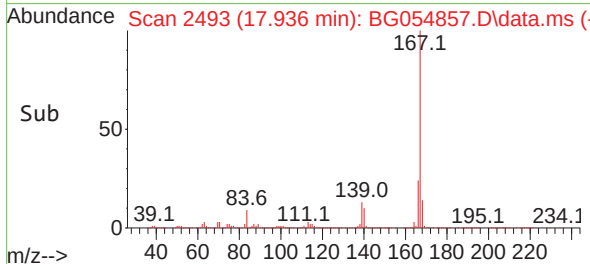
Instrument :
 BNA_G
 ClientSampleId :
 PC-1MSD



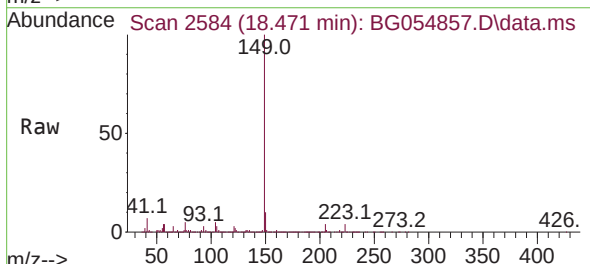
Tgt Ion:167 Resp: 606746
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.8 28.2
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

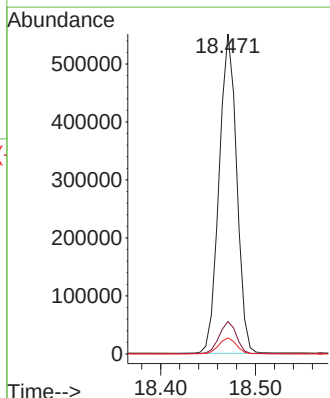
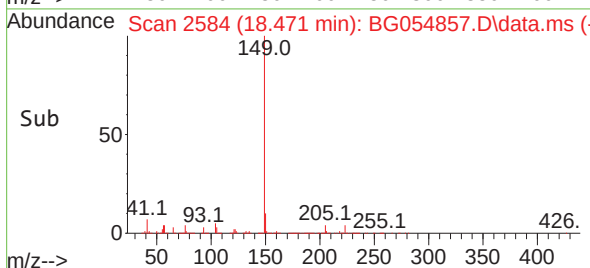
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

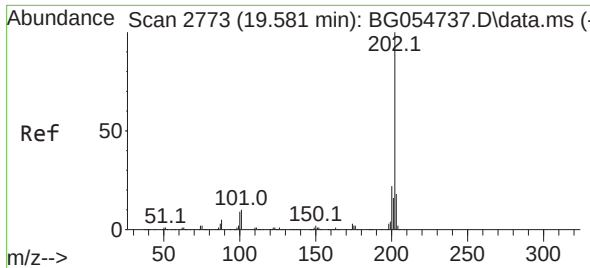


#74
 Di-n-butylphthalate
 Concen: 42.884 ng
 RT: 18.471 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35



Tgt Ion:149 Resp: 710051
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 46.833 ng
RT: 19.576 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

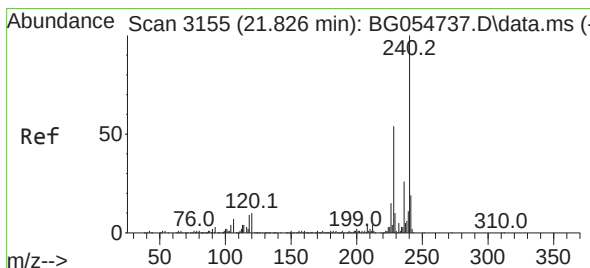
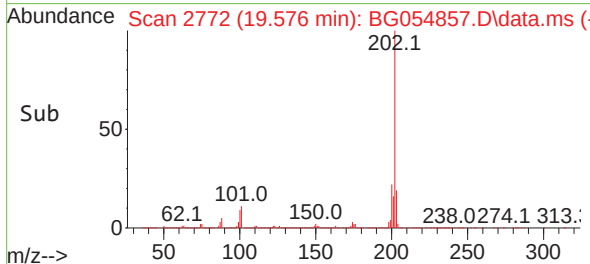
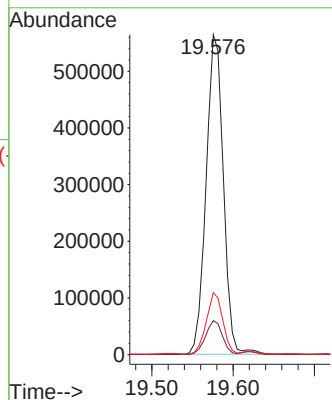
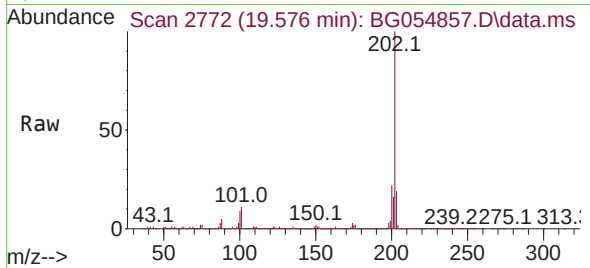
PC-1MSD

Tgt Ion:202 Resp: 832204
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 19.3 0.0 38.6

Manual Integrations

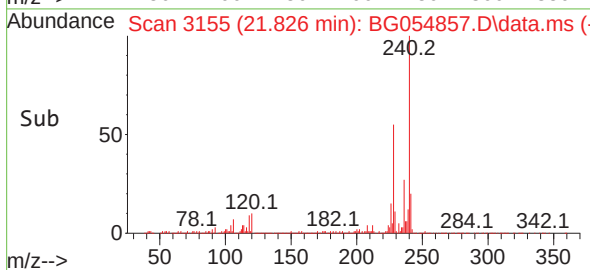
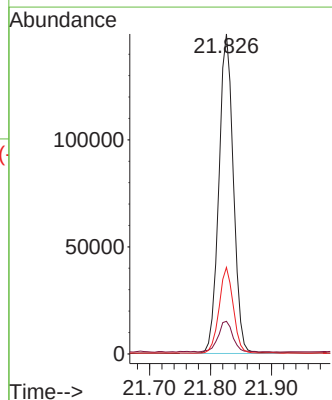
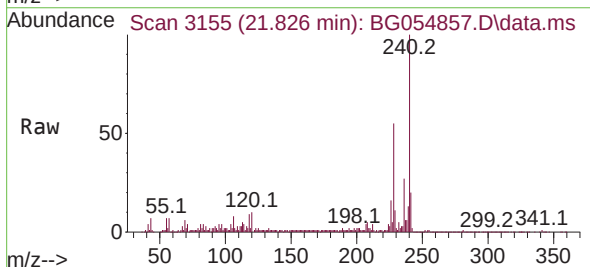
APPROVED

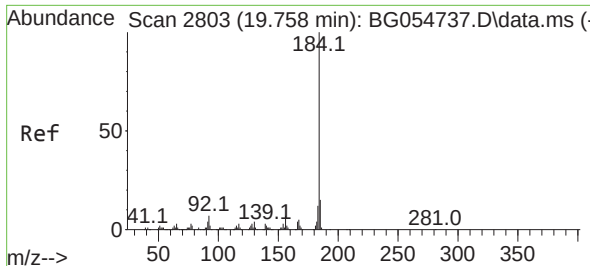
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

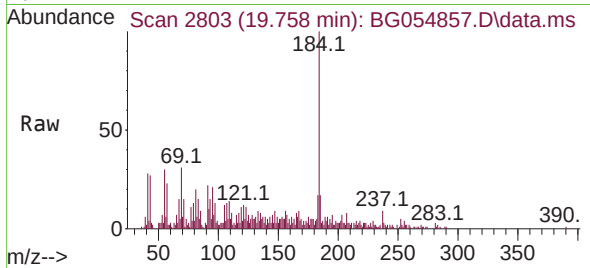
Tgt Ion:240 Resp: 247429
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 27.0 21.2 31.8





#77
Benzidine
Concen: 4.729 ng m
RT: 19.758 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

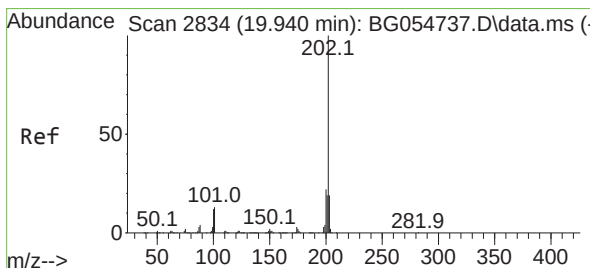
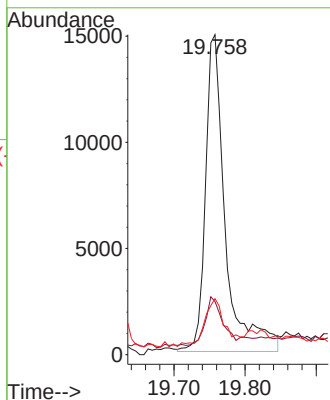
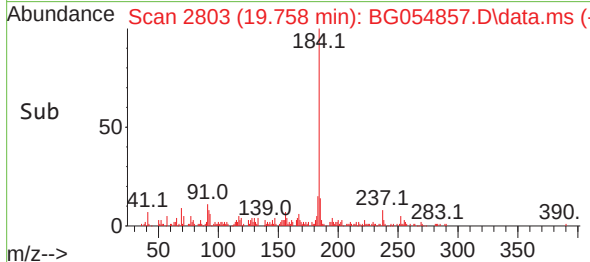
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:184 Resp: 28983
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.0
183 17.5 9.8 14.8

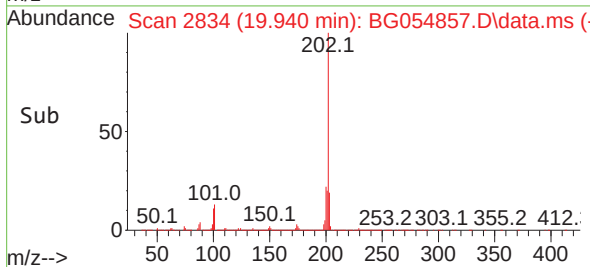
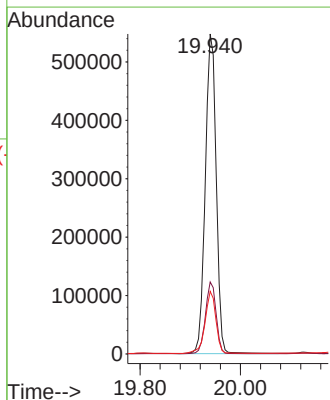
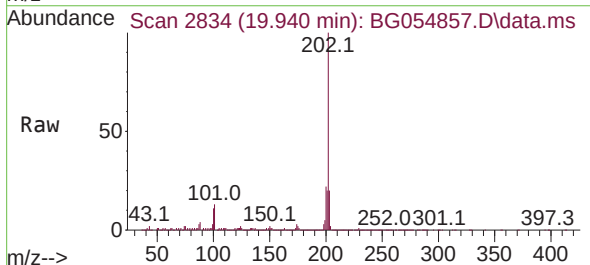
Manual Integrations
APPROVED

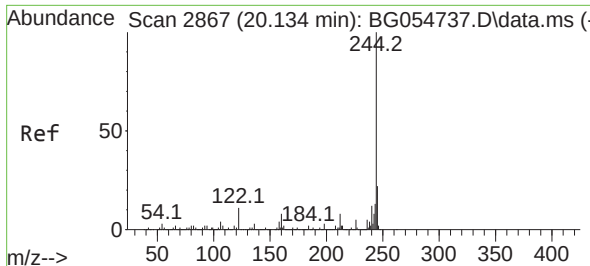
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#78
Pyrene
Concen: 47.915 ng
RT: 19.940 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:202 Resp: 826683
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 19.5 14.6 21.8





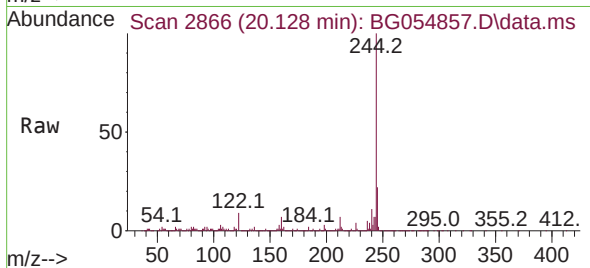
#79
 Terphenyl-d14
 Concen: 61.249 ng
 RT: 20.128 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

Instrument :

BNA_G

ClientSampleId :

PC-1MSD

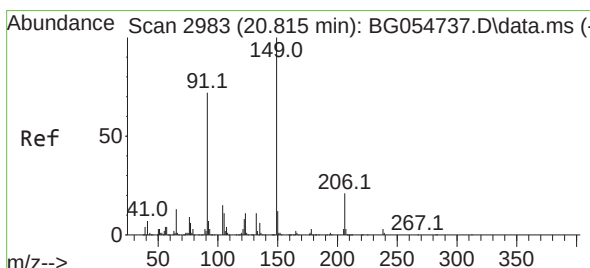
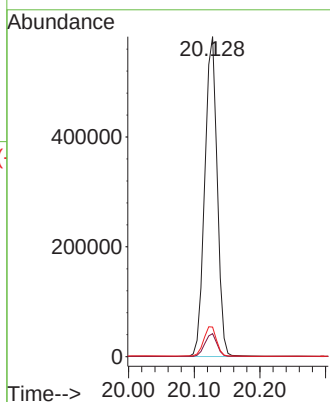
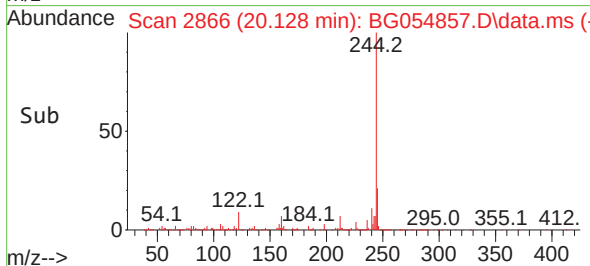


Tgt Ion:244 Resp: 764859
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.3 9.0 13.6

Manual Integrations

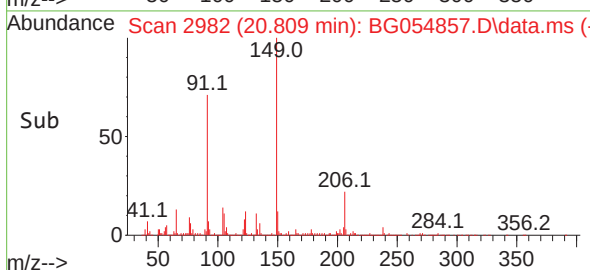
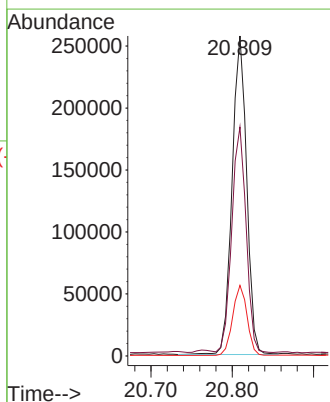
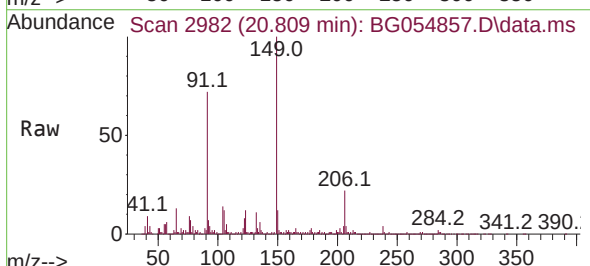
APPROVED

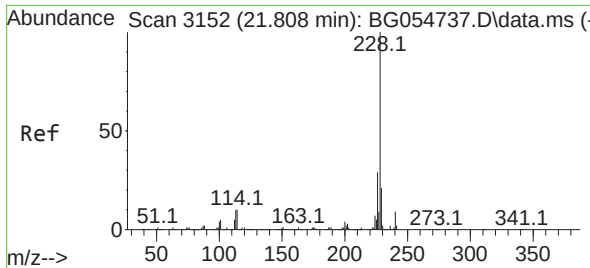
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#80
 Butylbenzylphthalate
 Concen: 44.603 ng
 RT: 20.809 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BG054857.D
 Acq: 6 Sep 2022 18:35

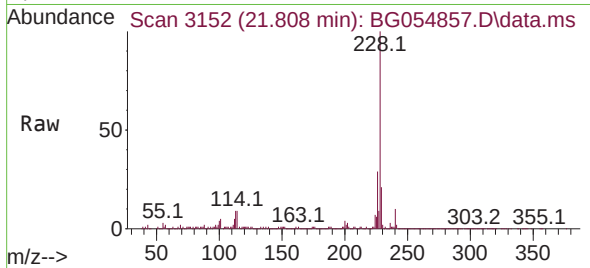
Tgt Ion:149 Resp: 320987
 Ion Ratio Lower Upper
 149 100
 91 71.5 59.5 89.3
 206 22.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 46.673 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

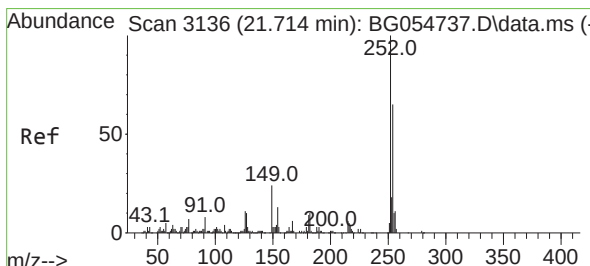
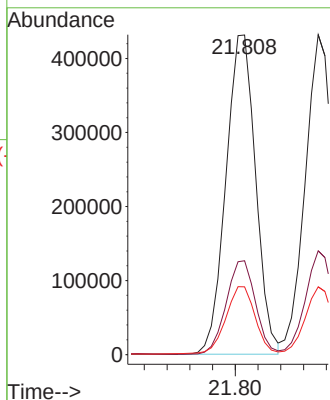
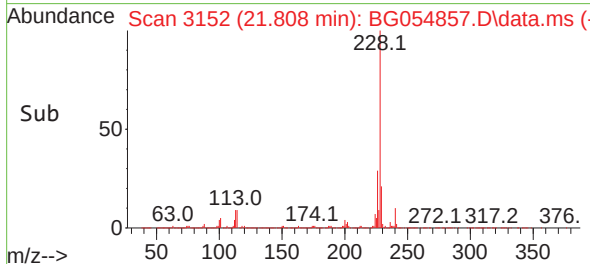
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:228 Resp: 783010
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.2 16.5 24.7

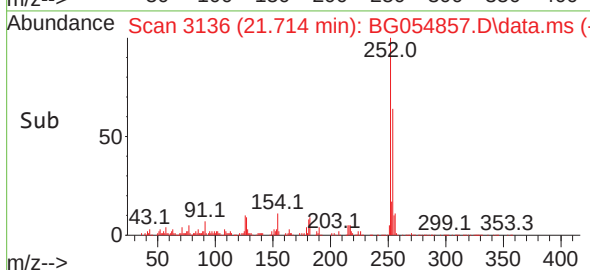
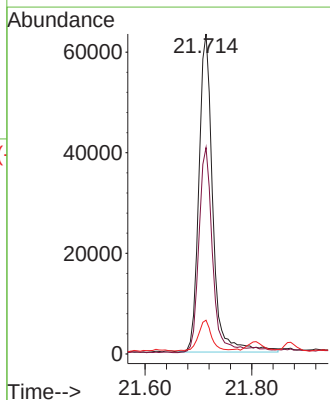
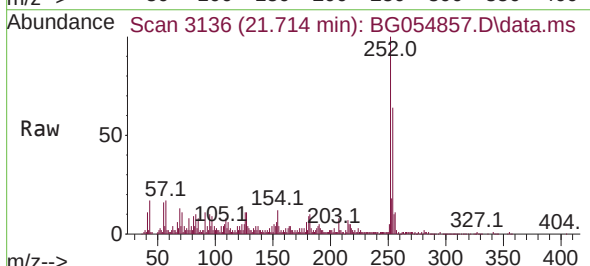
Manual Integrations
APPROVED

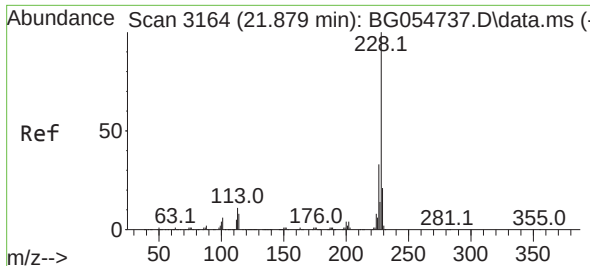
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#82
3,3'-Dichlorobenzidine
Concen: 19.448 ng
RT: 21.714 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

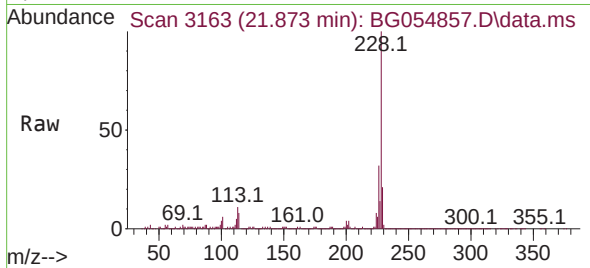
Tgt Ion:252 Resp: 114390
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 10.5 8.2 12.2





#83
Chrysene
Concen: 46.001 ng
RT: 21.873 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

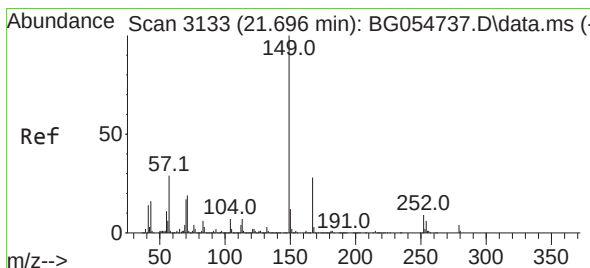
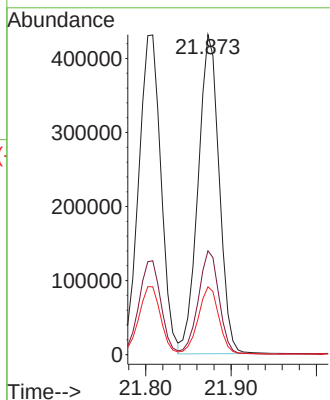
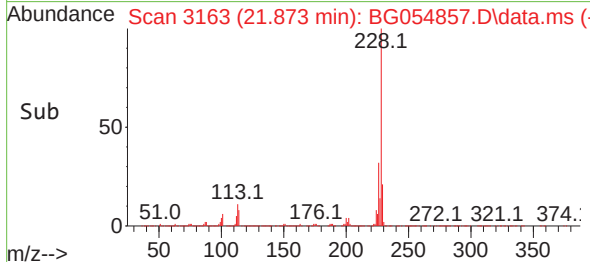
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:228 Resp: 737880
Ion Ratio Lower Upper
228 100
226 32.4 25.5 38.3
229 21.2 16.8 25.2

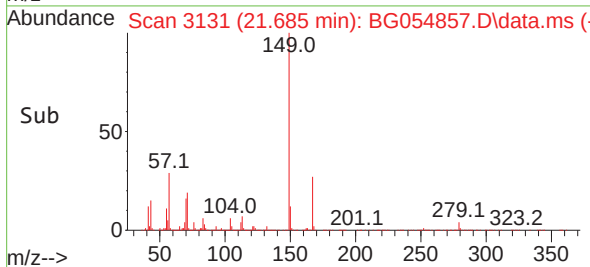
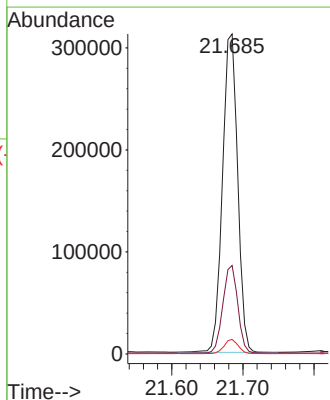
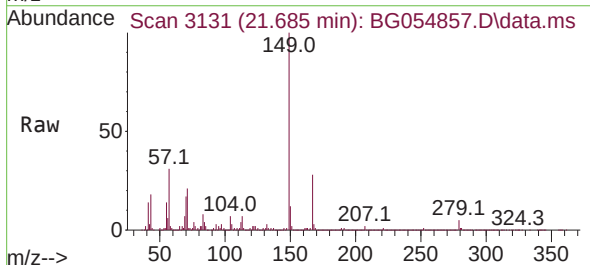
Manual Integrations
APPROVED

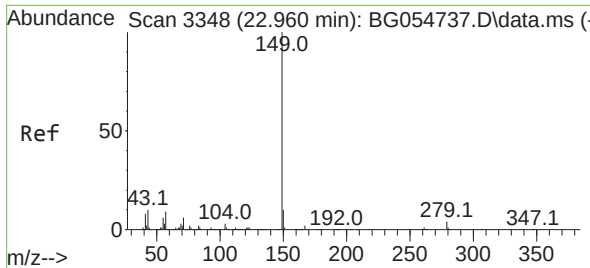
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.723 ng
RT: 21.685 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

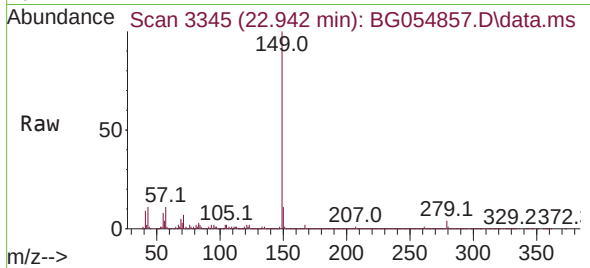
Tgt Ion:149 Resp: 463703
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.920 ng
RT: 22.942 min Scan# 3348
Delta R.T. -0.018 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

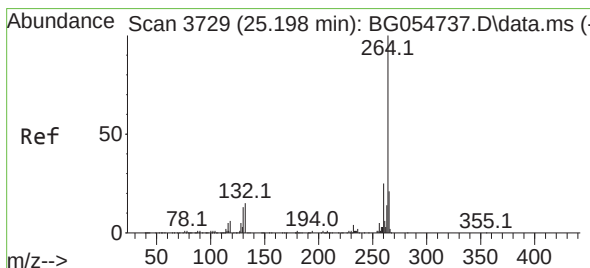
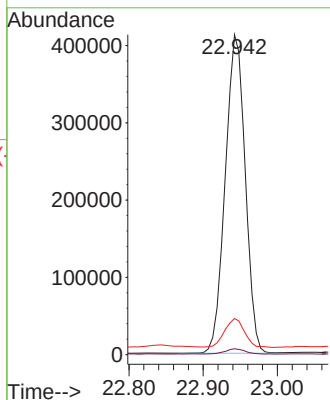
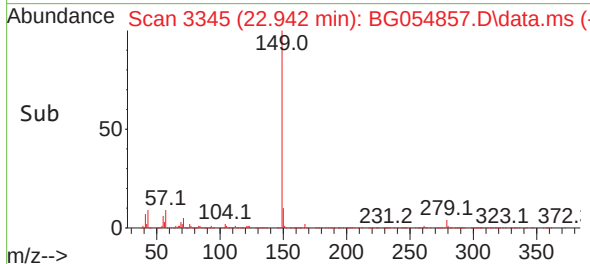
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



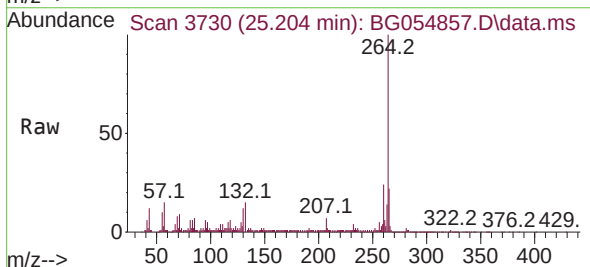
Tgt Ion:149 Resp: 772264
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 9.0 13.6

Manual Integrations
APPROVED

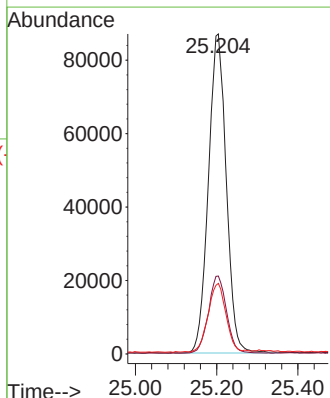
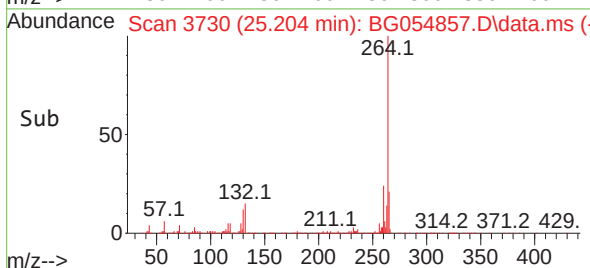
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

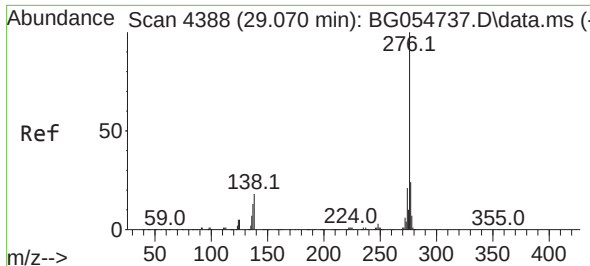


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.204 min Scan# 3730
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



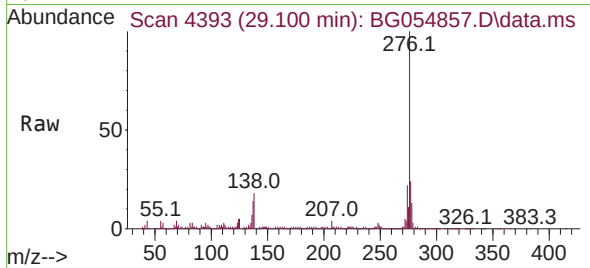
Tgt Ion:264 Resp: 266016
Ion Ratio Lower Upper
264 100
260 24.3 19.9 29.9
265 22.0 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.614 ng
RT: 29.100 min Scan# 4388
Delta R.T. 0.029 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

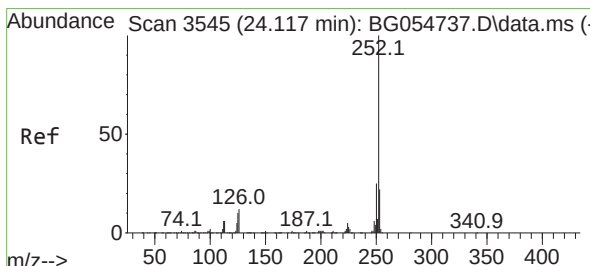
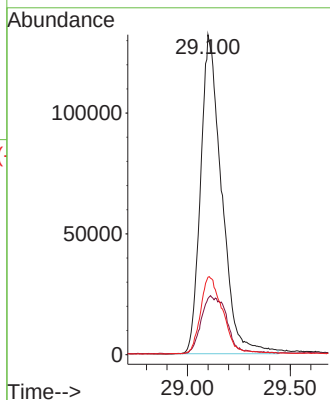
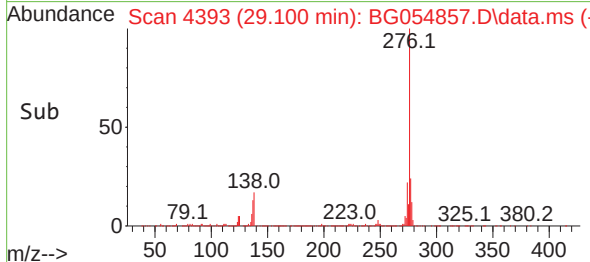
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



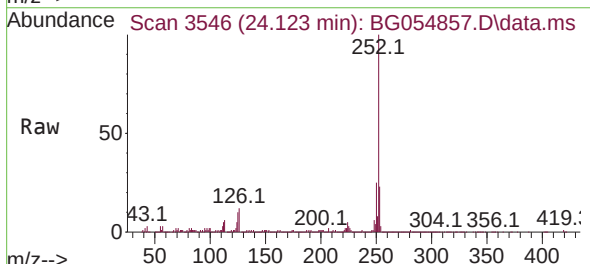
Tgt Ion:276 Resp: 941381
Ion Ratio Lower Upper
276 100
138 21.5 12.0 18.0
277 25.3 20.2 30.4

Manual Integrations
APPROVED

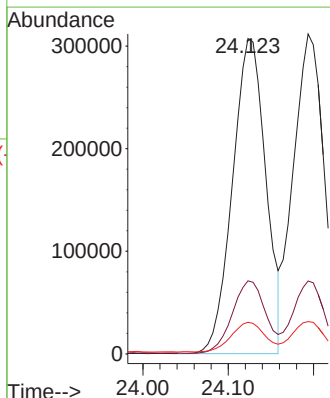
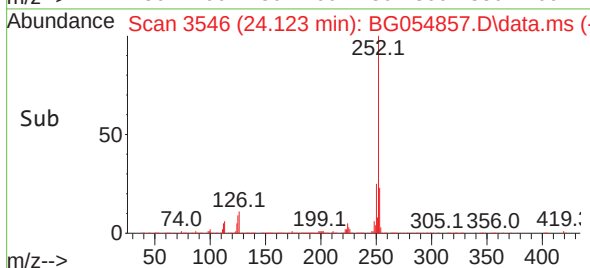
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

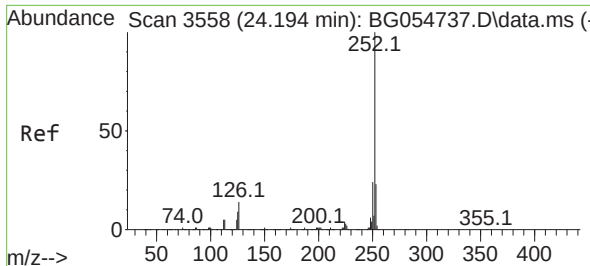


#88
Benzo(b)fluoranthene
Concen: 49.912 ng
RT: 24.123 min Scan# 3546
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



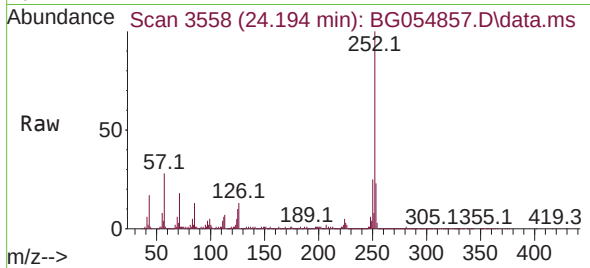
Tgt Ion:252 Resp: 832900
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 10.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 47.001 ng
RT: 24.194 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

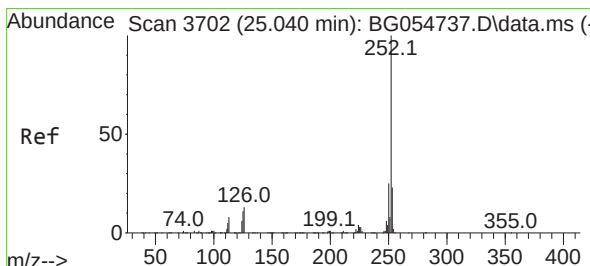
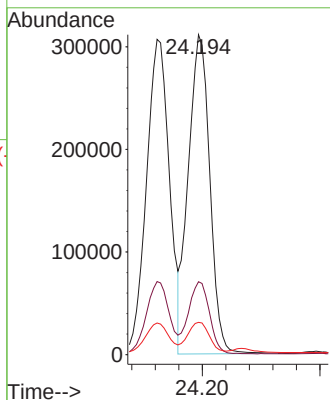
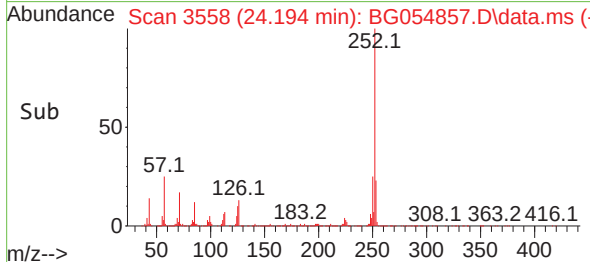
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



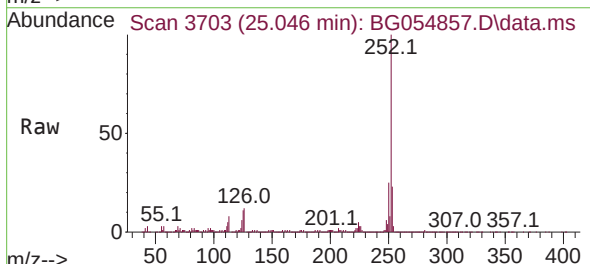
Tgt Ion:252 Resp: 789344
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.1 8.2 12.4

Manual Integrations
APPROVED

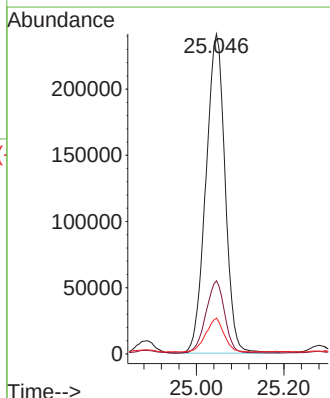
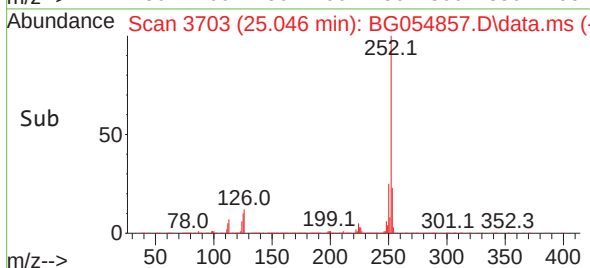
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

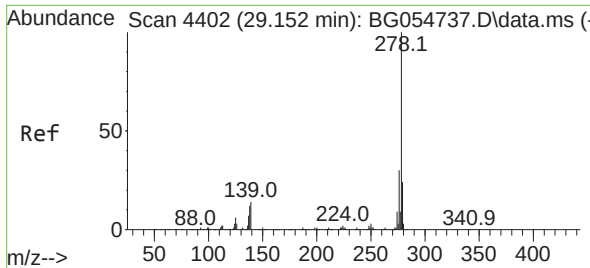


#90
Benzo(a)pyrene
Concen: 51.540 ng
RT: 25.046 min Scan# 3703
Delta R.T. 0.006 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35



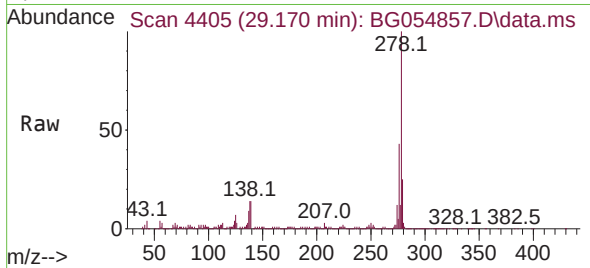
Tgt Ion:252 Resp: 734815
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.281 ng
RT: 29.170 min Scan# 4402
Delta R.T. 0.018 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

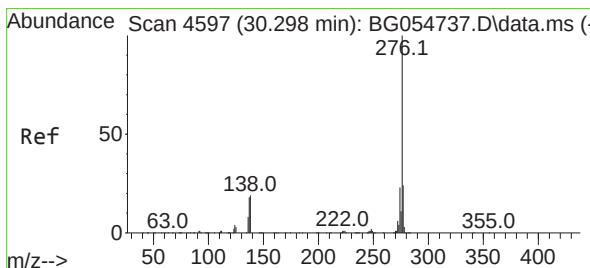
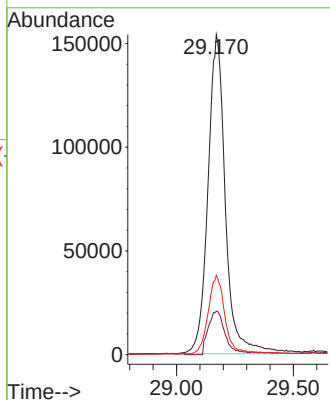
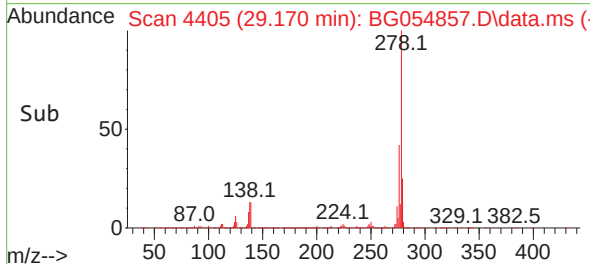
Instrument :
BNA_G
ClientSampleId :
PC-1MSD



Tgt Ion:278 Resp: 794362
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 24.7 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#92
Benzo(g,h,i)perylene
Concen: 47.219 ng
RT: 30.334 min Scan# 4603
Delta R.T. 0.035 min
Lab File: BG054857.D
Acq: 6 Sep 2022 18:35

Tgt Ion:276 Resp: 784836
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 18.5 16.6 25.0

