

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054882.D
 Acq On : 8 Sep 2022 12:58
 Operator : CG/JU
 Sample : PB147503BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147503BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:47:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	43278	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	182657	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	128270	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	299262	20.000	ng	0.00
76) Chrysene-d12	21.837	240	281834	20.000	ng	0.00
86) Perylene-d12	25.221	264	294763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	331209	133.267	ng	0.00
7) Phenol-d6	7.307	99	435682	128.185	ng	0.00
23) Nitrobenzene-d5	9.322	82	256237	73.644	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	208110	129.840	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	646923	75.804	ng	0.00
79) Terphenyl-d14	20.133	244	1148284	80.728	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	32533	27.413	ng	98
3) Pyridine	3.928	79	92261	27.872	ng	94
4) n-Nitrosodimethylamine	3.846	42	49443	34.554	ng	95
6) Aniline	7.465	93	168424	41.707	ng	95
8) 2-Chlorophenol	7.712	128	126853	46.717	ng	96
9) Benzaldehyde	7.277	77	79919m	35.876	ng	
10) Phenol	7.330	94	156316	44.721	ng	97
11) bis(2-Chloroethyl)ether	7.554	93	114459	40.716	ng	96
12) 1,3-Dichlorobenzene	8.035	146	129660	41.263	ng	97
13) 1,4-Dichlorobenzene	8.182	146	131274	41.417	ng	98
14) 1,2-Dichlorobenzene	8.505	146	130219	43.328	ng	98
15) Benzyl Alcohol	8.388	79	108069m	44.012	ng	
16) 2,2'-oxybis(1-Chloropr...	8.670	45	156890	35.667	ng	97
17) 2-Methylphenol	8.594	107	109696	45.582	ng	98
18) Hexachloroethane	9.234	117	45712	39.772	ng	94
19) n-Nitroso-di-n-propyla...	8.952	70	92943	39.765	ng	# 94
20) 3+4-Methylphenols	8.923	107	149171	44.700	ng	96
22) Acetophenone	8.975	105	183844	40.231	ng	# 96
24) Nitrobenzene	9.363	77	133586	38.091	ng	99
25) Isophorone	9.886	82	263242	40.576	ng	99
26) 2-Nitrophenol	10.080	139	70448	45.475	ng	99
27) 2,4-Dimethylphenol	10.133	122	118331	48.210	ng	96
28) bis(2-Chloroethoxy)met...	10.362	93	158087	42.763	ng	99
29) 2,4-Dichlorophenol	10.621	162	125578	44.981	ng	97
30) 1,2,4-Trichlorobenzene	10.832	180	127832	40.068	ng	97
31) Naphthalene	11.026	128	381551	38.934	ng	99
32) Benzoic acid	10.344	122	17577m	16.204	ng	
33) 4-Chloroaniline	11.132	127	139378	34.886	ng	97
34) Hexachlorobutadiene	11.296	225	85477	41.816	ng	99
35) Caprolactam	11.913	113	44723m	45.407	ng	
36) 4-Chloro-3-methylphenol	12.248	107	136280	44.639	ng	97
37) 2-Methylnaphthalene	12.624	142	276209	40.213	ng	98
38) 1-Methylnaphthalene	12.841	142	264233	39.540	ng	97
40) 1,2,4,5-Tetrachloroben...	12.982	216	158306	40.942	ng	99
41) Hexachlorocyclopentadiene	12.959	237	131403	64.080	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	100069	38.991	ng	99

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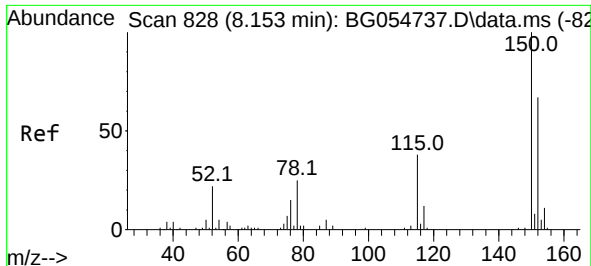
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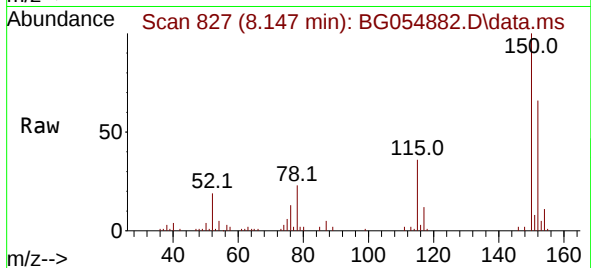
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	112653	39.085	ng	98
46) 1,1'-Biphenyl	13.623	154	379117	39.801	ng	98
47) 2-Chloronaphthalene	13.670	162	279511	38.638	ng	99
48) 2-Nitroaniline	13.870	65	88348	38.969	ng	92
49) Acenaphthylene	14.516	152	467791	39.186	ng	100
50) Dimethylphthalate	14.234	163	389345	39.399	ng	99
51) 2,6-Dinitrotoluene	14.357	165	86389	42.740	ng	87
52) Acenaphthene	14.851	154	322662m	42.078	ng	
53) 3-Nitroaniline	14.692	138	81198	35.886	ng	93
54) 2,4-Dinitrophenol	14.904	184	80426	71.300	ng	95
55) Dibenzofuran	15.186	168	449187	39.865	ng	99
56) 4-Nitrophenol	15.009	139	133910	76.475	ng	93
57) 2,4-Dinitrotoluene	15.151	165	124462	44.518	ng	# 81
58) Fluorene	15.832	166	377674	39.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	96439	37.118	ng	99
60) Diethylphthalate	15.585	149	386808	39.199	ng	97
61) 4-Chlorophenyl-phenyle...	15.814	204	196113	41.880	ng	98
62) 4-Nitroaniline	15.861	138	95851	41.491	ng	96
63) Azobenzene	16.114	77	337006	35.936	ng	94
65) 4,6-Dinitro-2-methylph...	15.914	198	64672	42.455	ng	94
66) n-Nitrosodiphenylamine	16.032	169	344426	39.909	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	141121	42.951	ng	97
68) Hexachlorobenzene	16.837	284	157876	42.743	ng	95
69) Atrazine	16.978	200	138097	45.357	ng	98
70) Pentachlorophenol	17.183	266	144296	71.901	ng	99
71) Phenanthrene	17.577	178	622720	39.062	ng	100
72) Anthracene	17.671	178	629106	40.589	ng	99
73) Carbazole	17.941	167	591705	41.436	ng	99
74) Di-n-butylphthalate	18.476	149	698386	38.649	ng	99
75) Fluoranthene	19.587	202	777213	40.076	ng	98
77) Benzidine	19.757	184	454414	65.096	ng	99
78) Pyrene	19.945	202	776308	39.503	ng	99
80) Butylbenzylphthalate	20.814	149	306679	37.413	ng	95
81) Benzo(a)anthracene	21.813	228	749167	39.205	ng	99
82) 3,3'-Dichlorobenzidine	21.725	252	260496	38.881	ng	98
83) Chrysene	21.884	228	704920	38.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	453415	38.392	ng	98
85) Di-n-octyl phthalate	22.953	149	766828	38.287	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.134	276	905208	40.452	ng	# 94
88) Benzo(b)fluoranthene	24.140	252	800246	43.278	ng	98
89) Benzo(k)fluoranthene	24.210	252	781542	41.998	ng	98
90) Benzo(a)pyrene	25.062	252	709227	44.894	ng	99
91) Dibenzo(a,h)anthracene	29.199	278	787515	43.197	ng	99
92) Benzo(g,h,i)perylene	30.362	276	781903	42.455	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

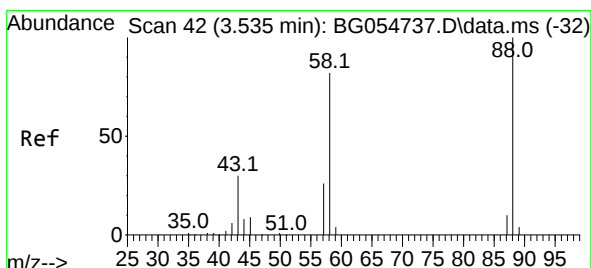
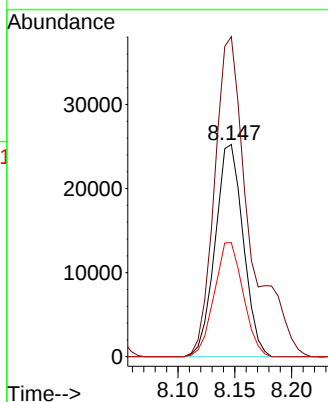
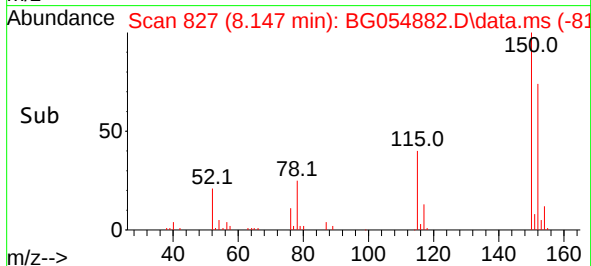
Instrument :
BNA_G
ClientSampleId :
PB147503BS



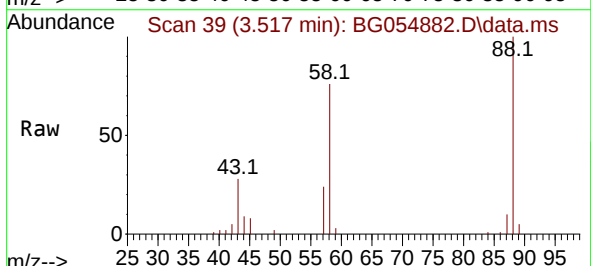
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Ion Ratio Lower Upper
152 100
150 150.9 125.2 187.8
115 53.8 47.9 71.9

Manual Integrations
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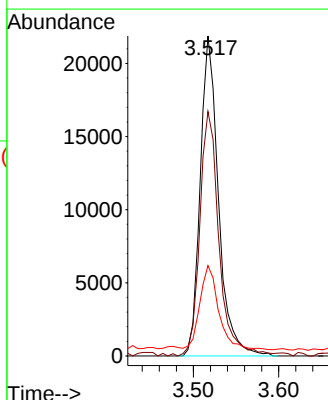
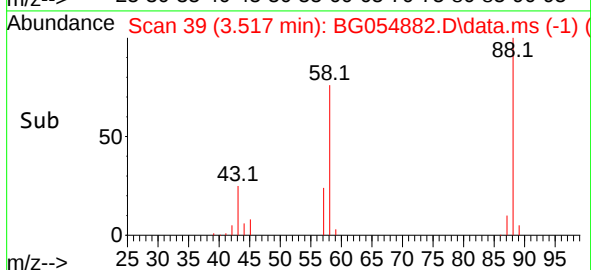
Reviewed By :Christian Giraldo 09/09/2022
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#2
1,4-Dioxane
Concen: 27.413 ng
RT: 3.517 min Scan# 39
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion: 88 Resp: 32533
Ion Ratio Lower Upper
88 100
58 80.3 65.9 98.9
43 27.2 22.7 34.1





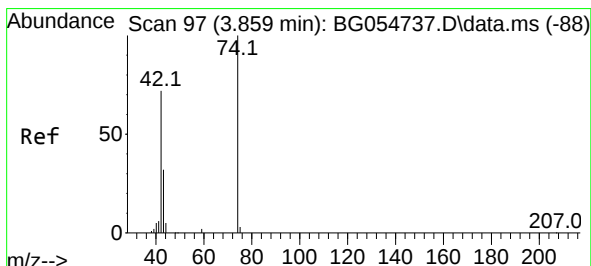
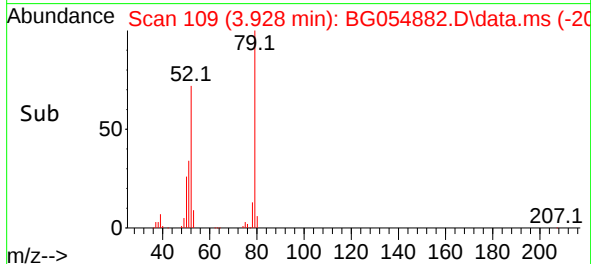
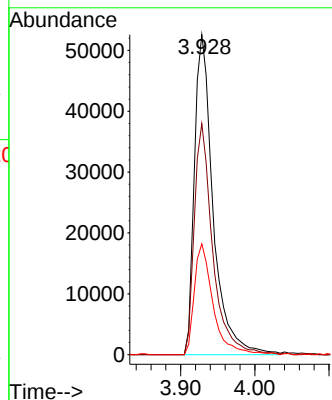
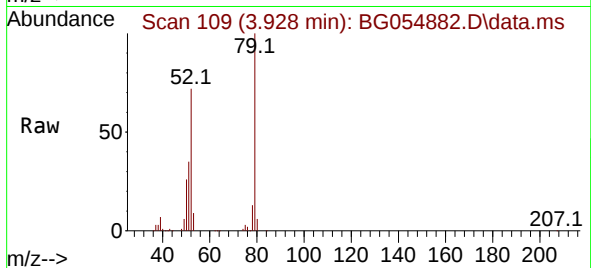
#3
Pyridine
Concen: 27.872 ng
RT: 3.928 min Scan# 109
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :
BNA_G
ClientSampleId :
PB147503BS

Tgt Ion: 79 Resp: 9226
Ion Ratio Lower Upper
79 100
52 72.2 61.4 92.0
51 34.7 31.4 47.0

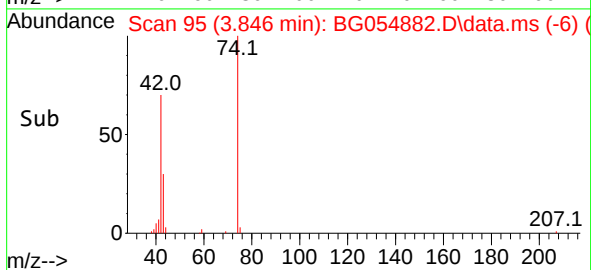
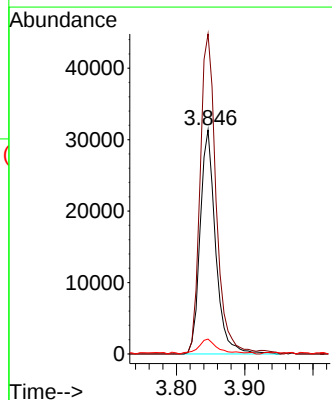
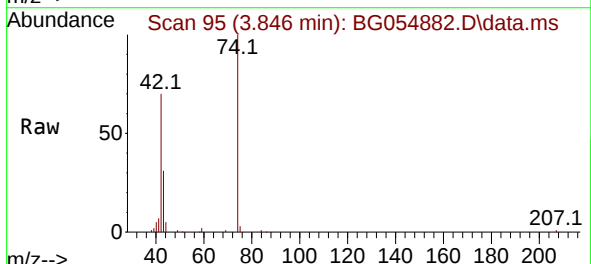
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#4
n-Nitrosodimethylamine
Concen: 34.554 ng
RT: 3.846 min Scan# 95
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion: 42 Resp: 49443
Ion Ratio Lower Upper
42 100
74 142.9 109.6 164.4
44 6.7 5.5 8.3





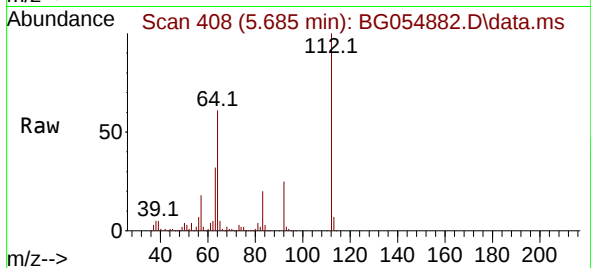
#5
2-Fluorophenol
Concen: 133.267 ng
RT: 5.685 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

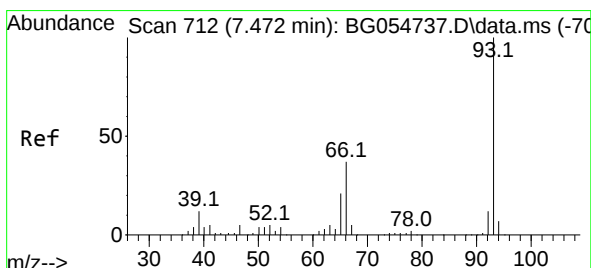
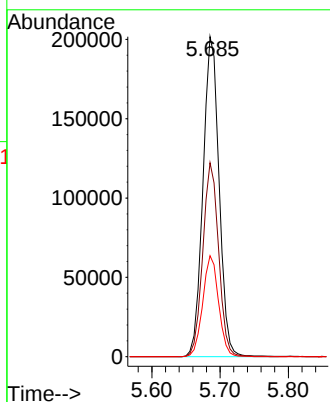
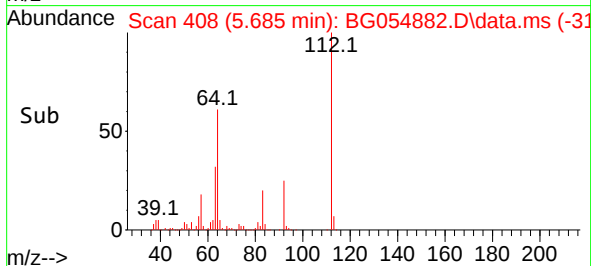


Tgt Ion: 112 Resp: 331209
Ion Ratio Lower Upper
112 100
64 60.6 49.3 73.9
63 31.6 26.3 39.5

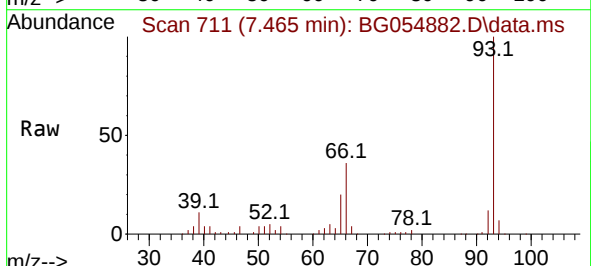
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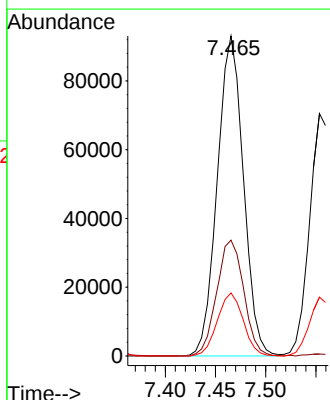
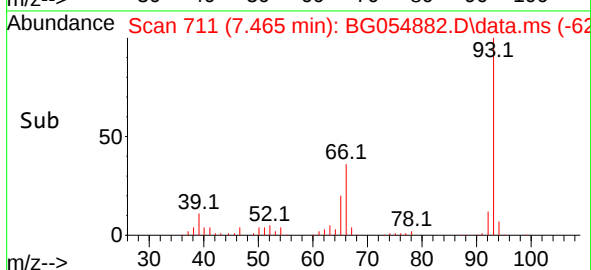
Reviewed By :Christian Giraldo 09/09/2022
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#6
Aniline
Concen: 41.707 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



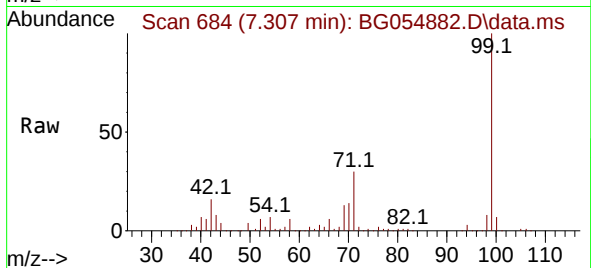
Tgt Ion: 93 Resp: 168424
Ion Ratio Lower Upper
93 100
66 36.2 31.8 47.8
65 19.7 16.6 25.0





#7
Phenol-d6
Concen: 128.185 ng
RT: 7.307 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

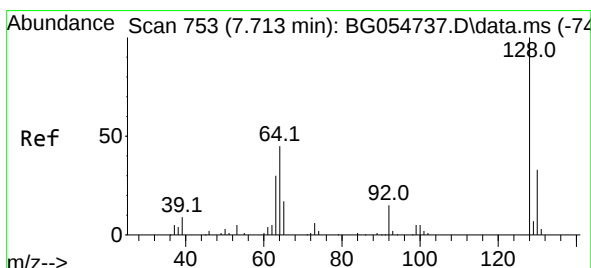
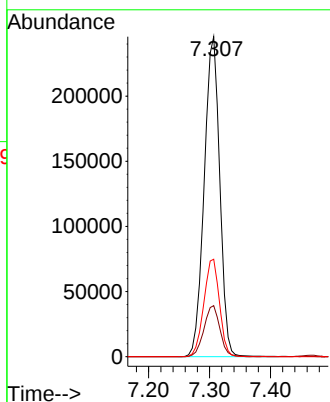
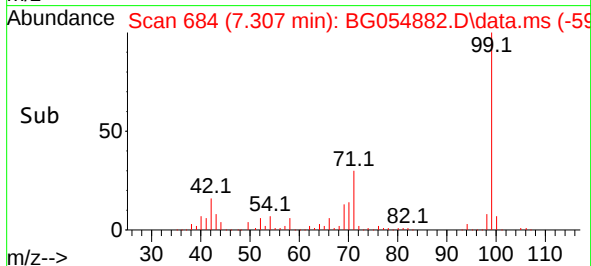
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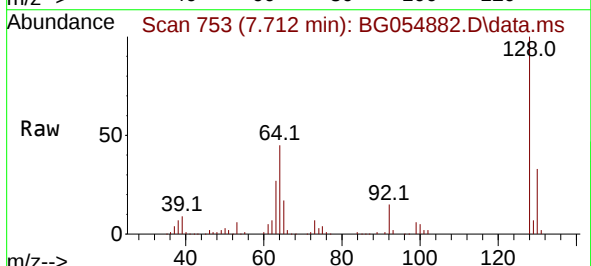
Tgt Ion: 99 Resp: 435682
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 30.5 24.6 37.0

Manual Integrations
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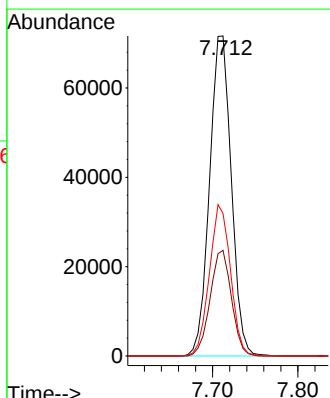
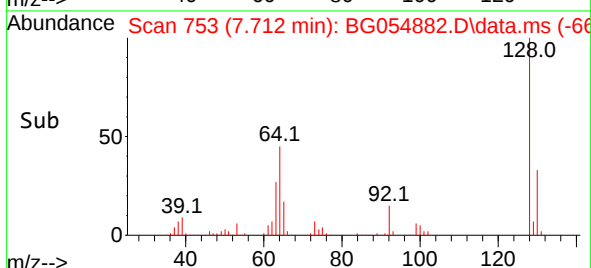
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#8
2-Chlorophenol
Concen: 46.717 ng
RT: 7.712 min Scan# 753
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



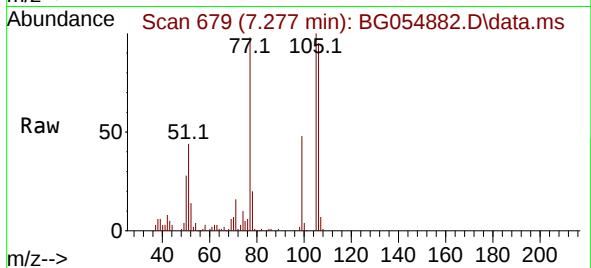
Tgt Ion:128 Resp: 126853
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 44.6 28.6 68.6





#9
Benzaldehyde
Concen: 35.876 ng m
RT: 7.277 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

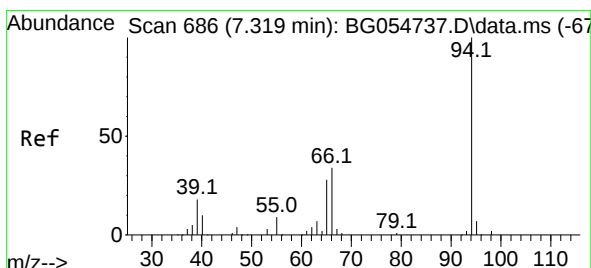
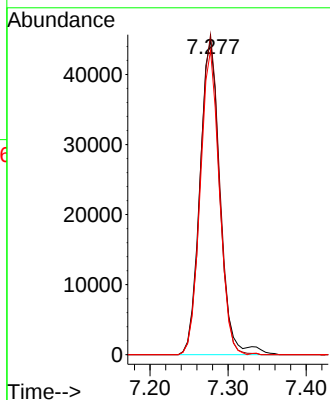
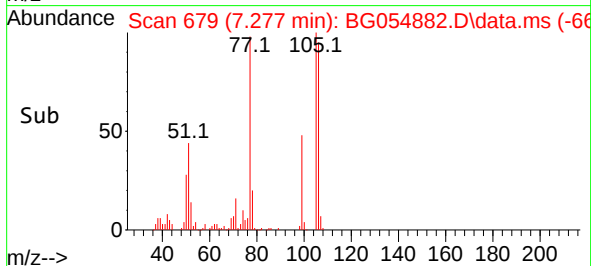
Instrument :
BNA_G
ClientSampleId :
PB147503BS



Tgt Ion: 77 Resp: 79919
Ion Ratio Lower Upper
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105 101.7 75.3 115.3
106 96.8 70.2 110.2

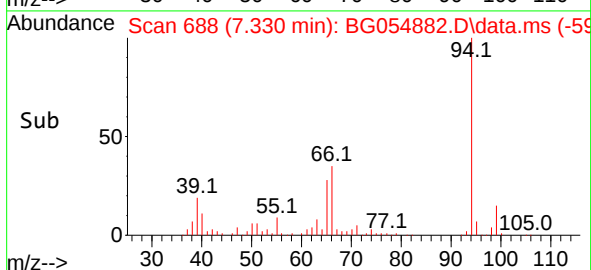
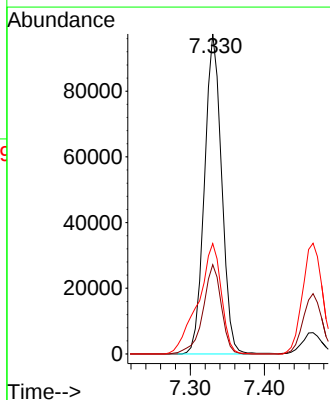
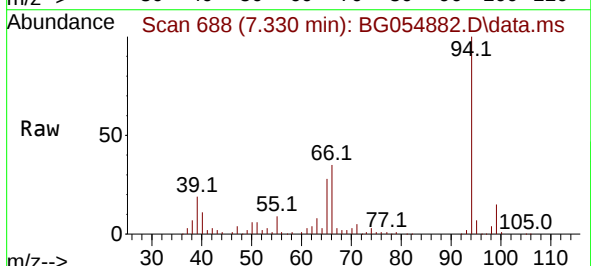
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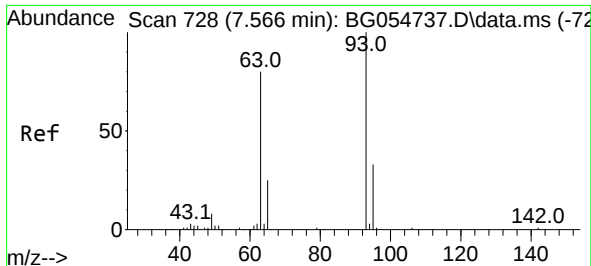
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#10
Phenol
Concen: 44.721 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion: 94 Resp: 156316
Ion Ratio Lower Upper
94 100
65 27.9 9.9 49.9
66 34.5 16.4 56.4





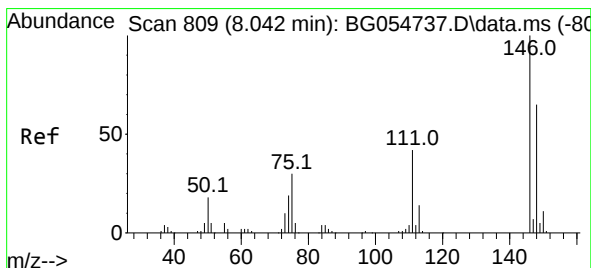
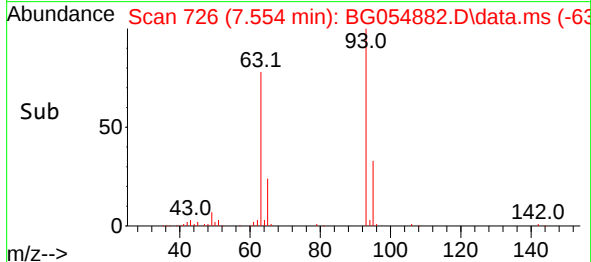
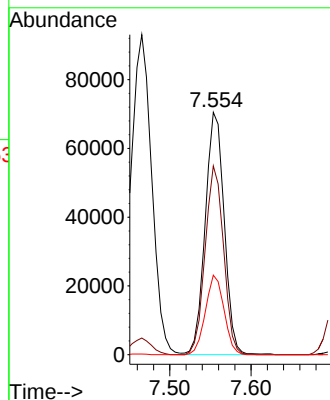
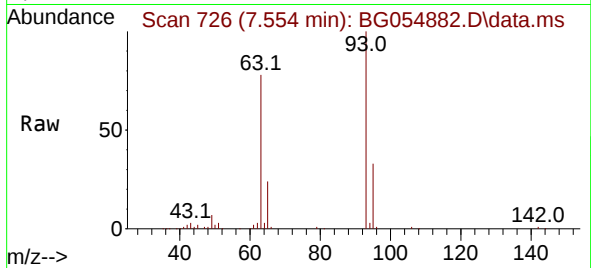
#11
bis(2-Chloroethyl)ether
Concen: 40.716 ng
RT: 7.554 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :
BNA_G
ClientSampleId :
PB147503BS

Tgt Ion: 93 Resp: 11445
Ion Ratio Lower Upper
93 100
63 77.9 62.1 102.1
95 32.8 12.1 52.1

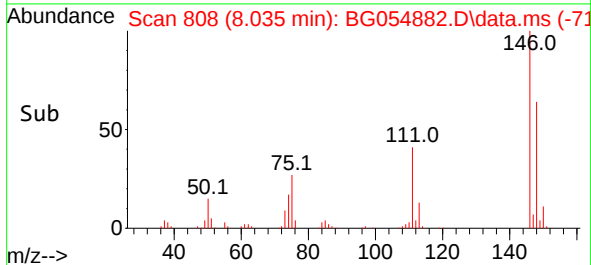
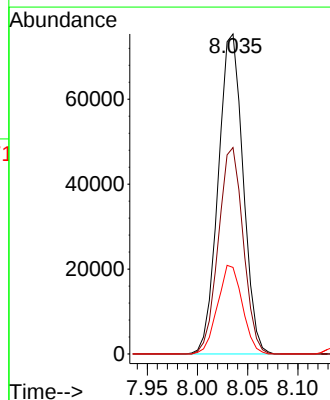
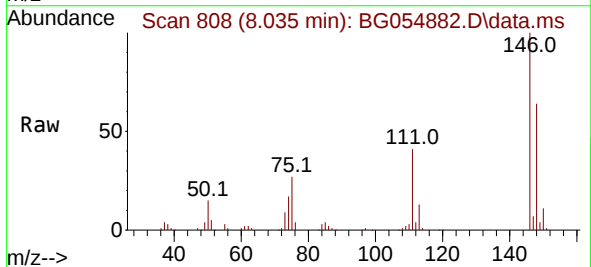
Manual Integrations
APPROVED

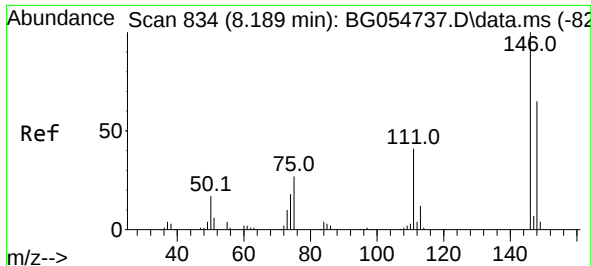
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#12
1,3-Dichlorobenzene
Concen: 41.263 ng
RT: 8.035 min Scan# 808
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:146 Resp: 129660
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
75 27.1 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 41.417 ng

RT: 8.182 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

Tgt Ion:146 Resp: 131274

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

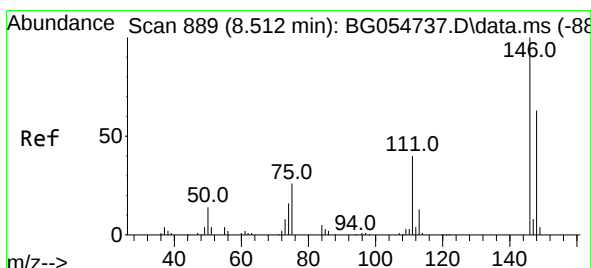
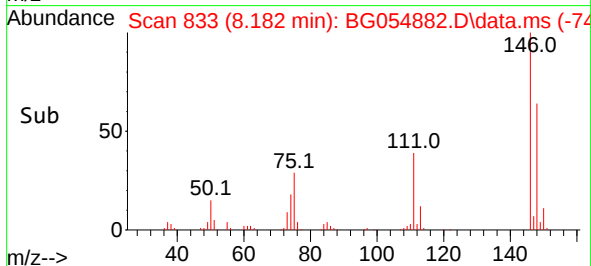
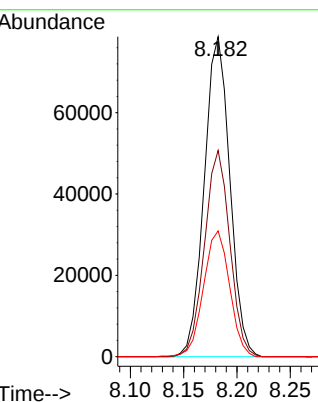
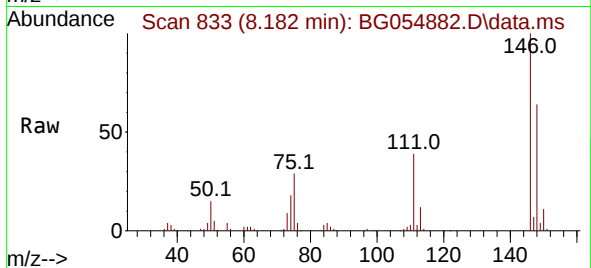
111 39.3 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#14

1,2-Dichlorobenzene

Concen: 43.328 ng

RT: 8.505 min Scan# 888

Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

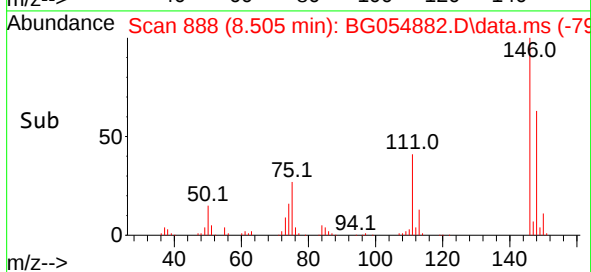
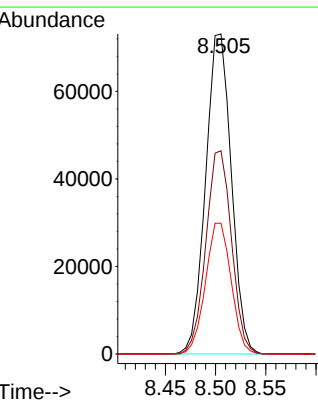
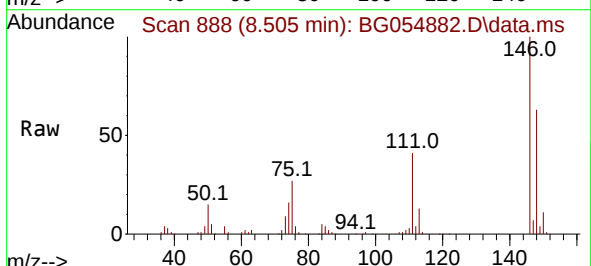
Tgt Ion:146 Resp: 130219

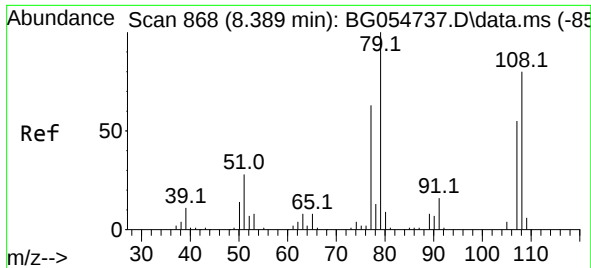
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 40.8 34.3 51.5





#15
Benzyl Alcohol
Concen: 44.012 ng m
RT: 8.388 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

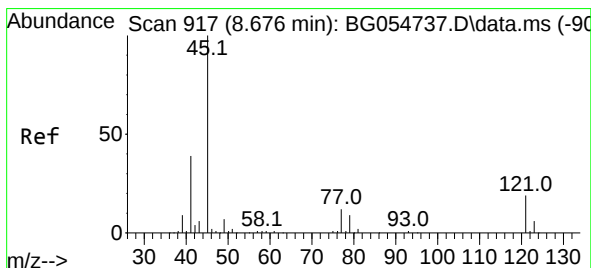
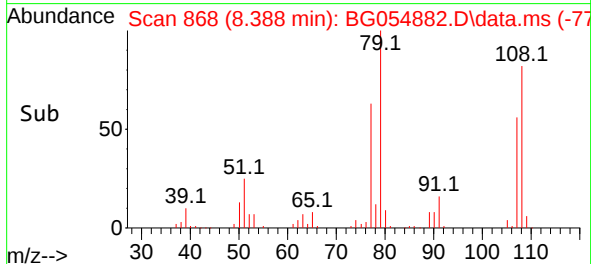
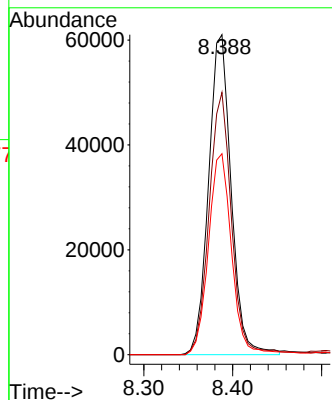
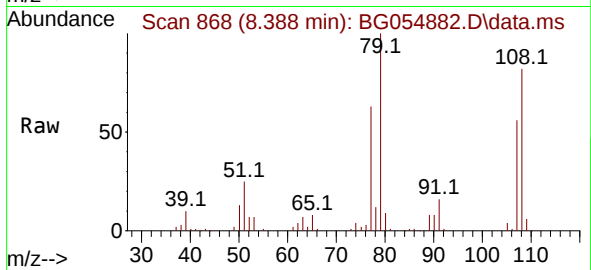
PB147503BS

Tgt Ion: 79 Resp: 108069
Ion Ratio Lower Upper
79 100
108 82.0 63.4 95.0
77 62.8 55.0 82.4

Manual Integrations

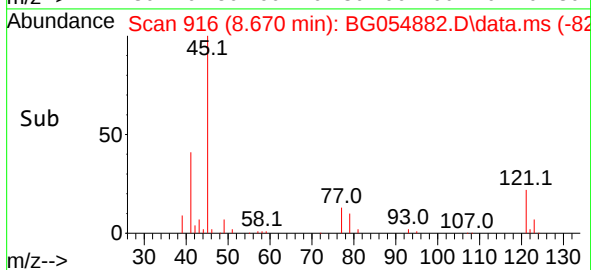
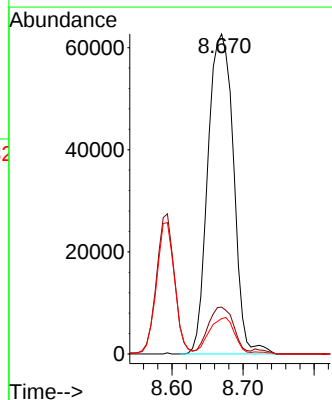
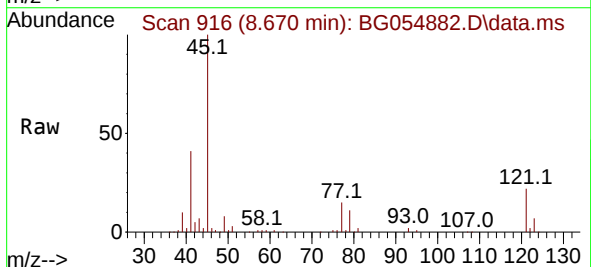
APPROVED

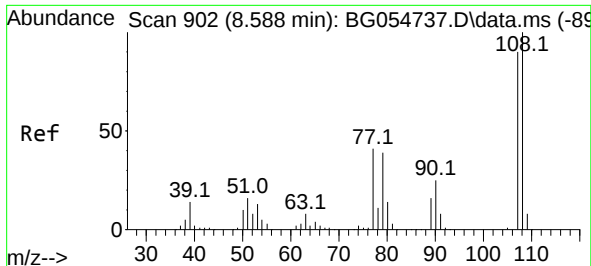
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.667 ng
RT: 8.670 min Scan# 916
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion: 45 Resp: 156890
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.8
79 11.0 0.0 30.4





#17

2-Methylphenol

Concen: 45.582 ng

RT: 8.594 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

Tgt Ion:107 Resp: 109690

Ion Ratio Lower Upper

107 100

108 110.2 85.6 128.4

77 44.5 35.8 53.8

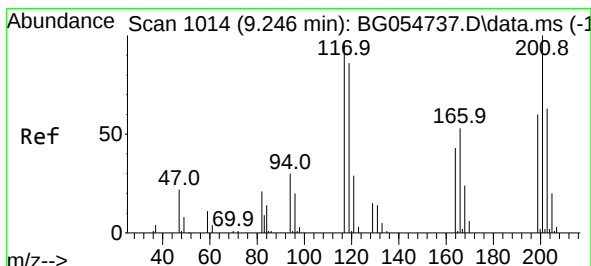
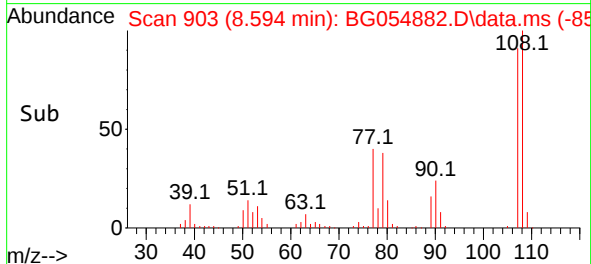
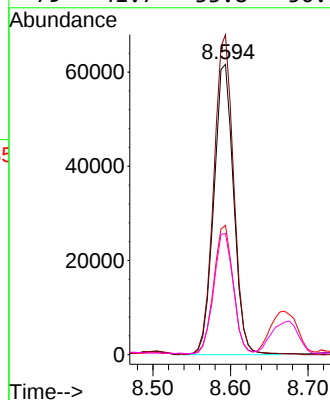
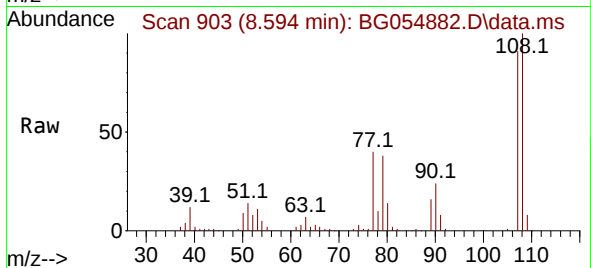
79 41.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#18

Hexachloroethane

Concen: 39.772 ng

RT: 9.234 min Scan# 1012

Delta R.T. -0.005 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

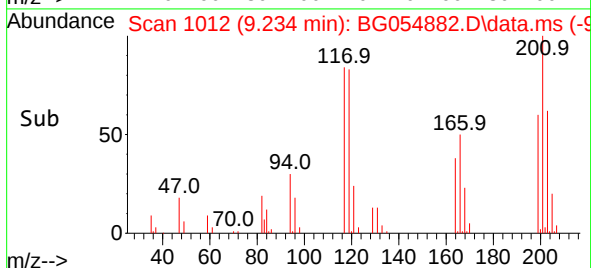
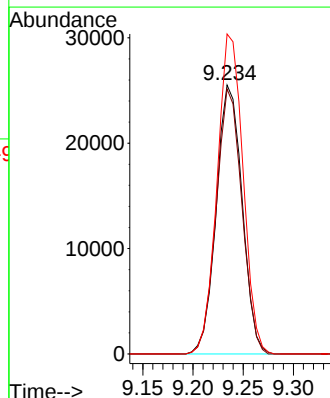
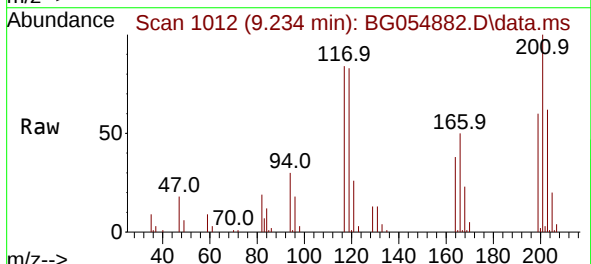
Tgt Ion:117 Resp: 45712

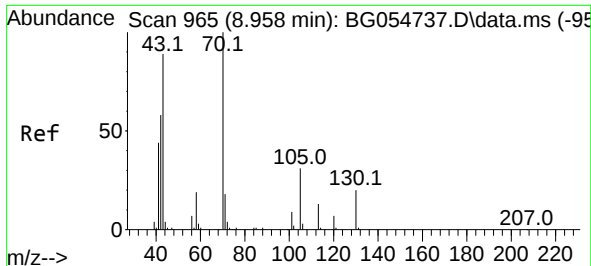
Ion Ratio Lower Upper

117 100

119 98.5 77.0 115.6

201 119.0 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.765 ng

RT: 8.952 min Scan# 90

Delta R.T. -0.005 min

Lab File: BG054882.D

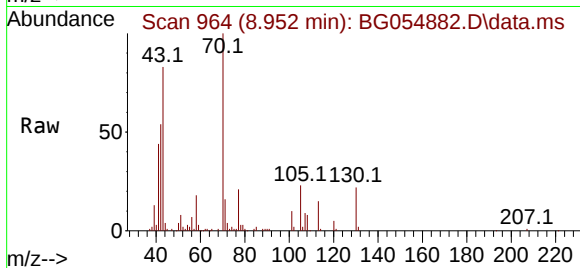
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS



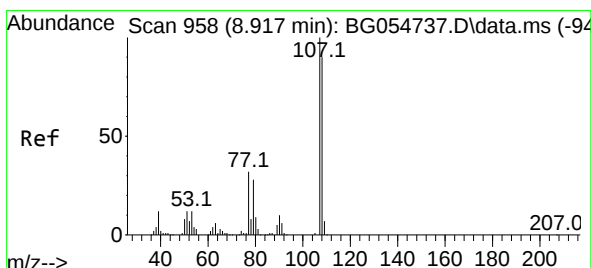
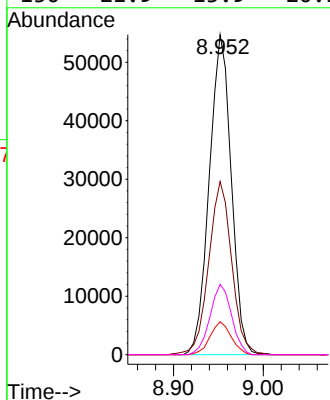
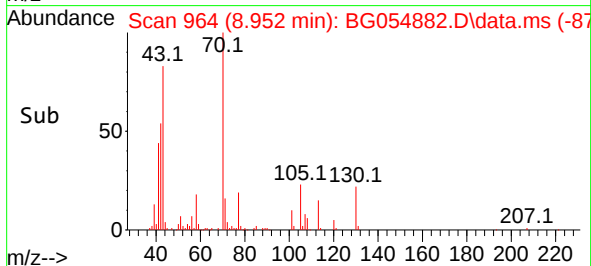
Tgt Ion:	70	Resp:	9294
Ion Ratio	Lower	Upper	
70	100		
42	54.1	46.6	69.8
101	10.3	7.7	11.5
130	21.9	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#20

3+4-Methylphenols

Concen: 44.700 ng

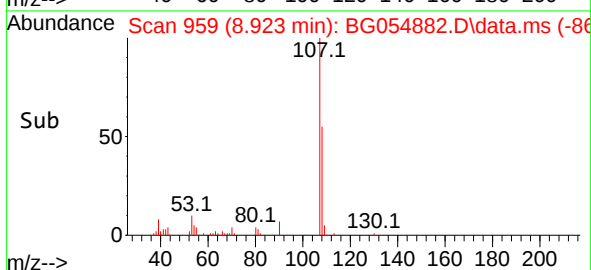
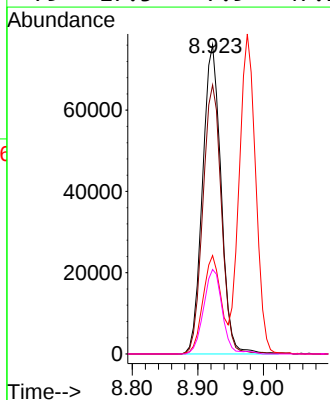
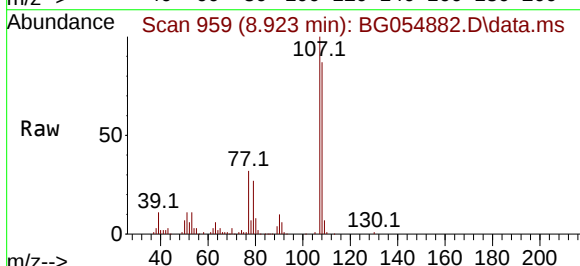
RT: 8.923 min Scan# 959

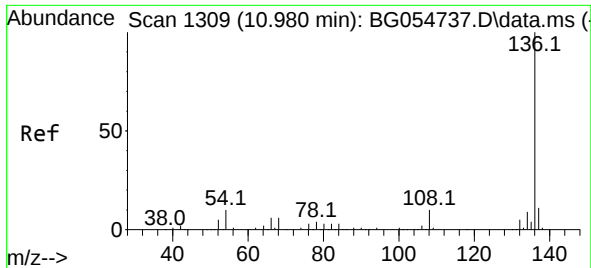
Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Tgt Ion:	107	Resp:	149171
Ion Ratio	Lower	Upper	
107	100		
108	87.0	71.6	111.6
77	31.8	13.1	53.1
79	27.3	7.9	47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

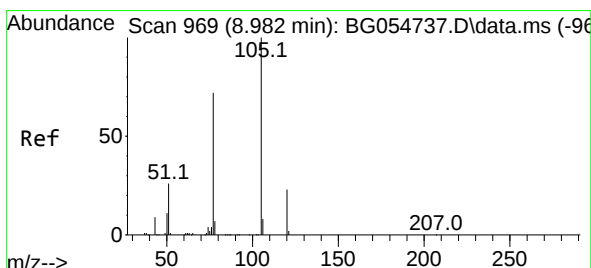
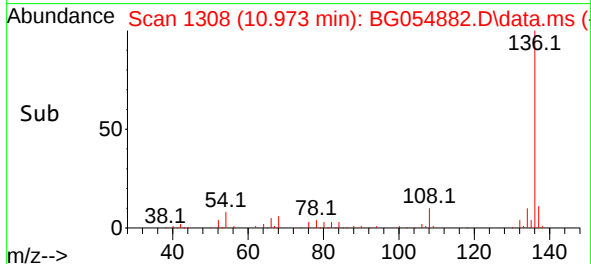
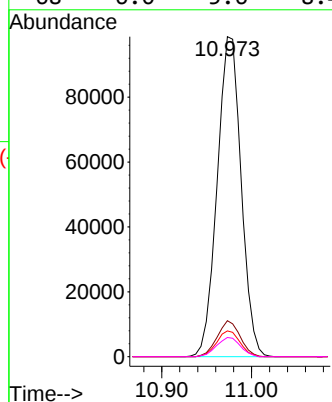
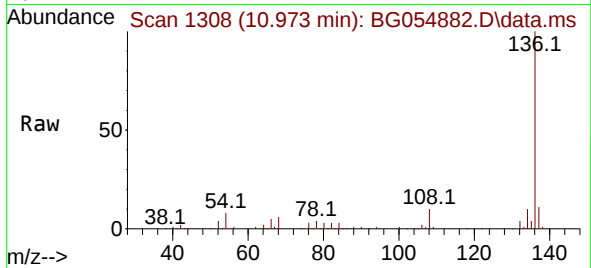
PB147503BS

Tgt Ion:136 Resp: 18265
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.0 7.7 11.5
68 6.0 5.6 8.4

Manual Integrations

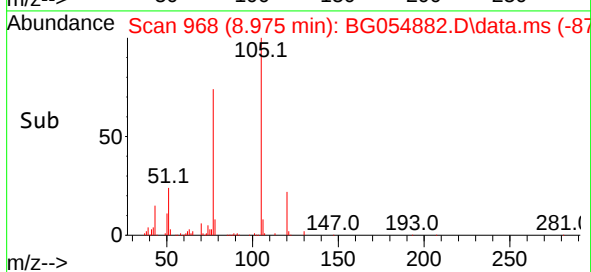
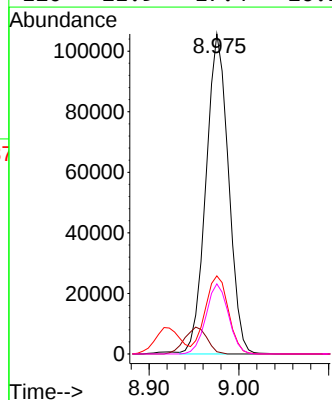
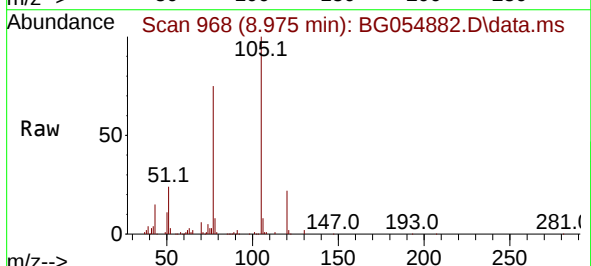
APPROVED

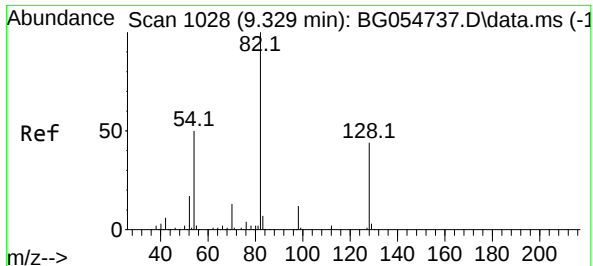
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#22
Acetophenone
Concen: 40.231 ng
RT: 8.975 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:105 Resp: 183844
Ion Ratio Lower Upper
105 100
71 0.7 1.2 1.8#
51 24.4 22.9 34.3
120 21.9 17.4 26.2





#23
Nitrobenzene-d5
Concen: 73.644 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

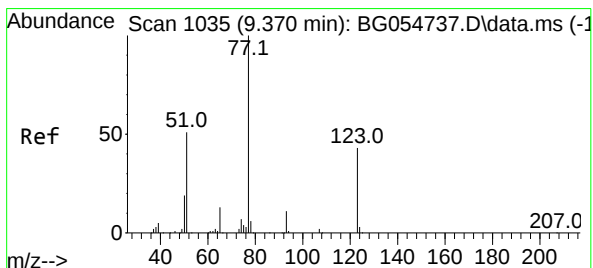
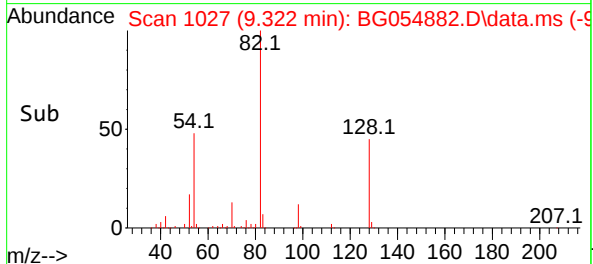
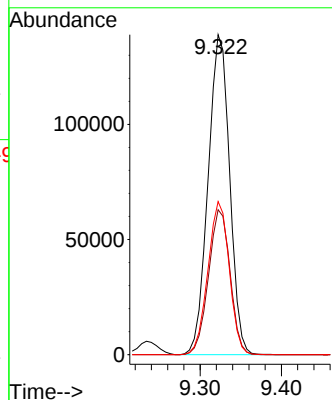
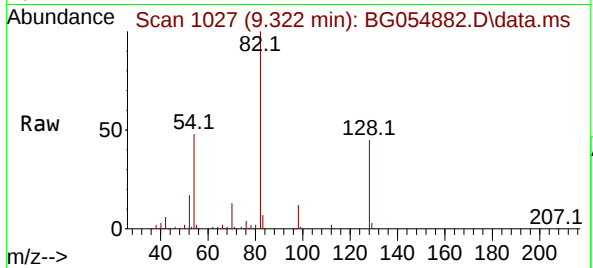
ClientSampleId :

PB147503BS

Tgt Ion: 82 Resp: 25623
Ion Ratio Lower Upper
82 100
128 45.3 32.2 48.2
54 47.9 41.4 62.0

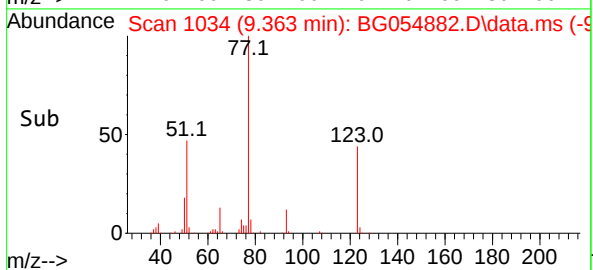
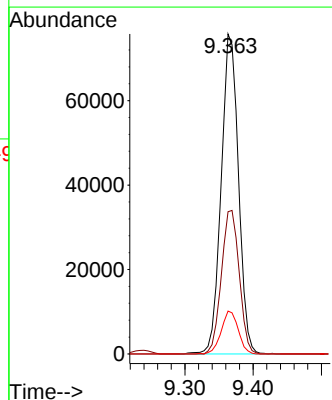
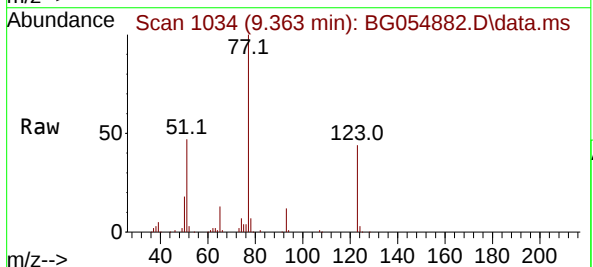
Manual Integrations
APPROVED

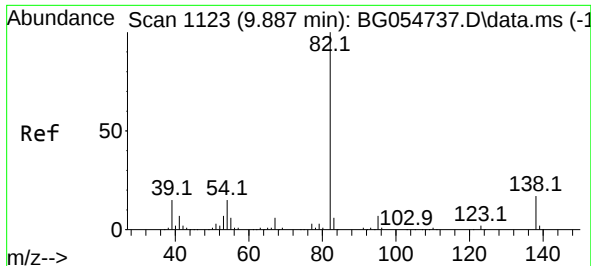
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#24
Nitrobenzene
Concen: 38.091 ng
RT: 9.363 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion: 77 Resp: 133586
Ion Ratio Lower Upper
77 100
123 44.5 35.0 52.6
65 13.4 10.2 15.2





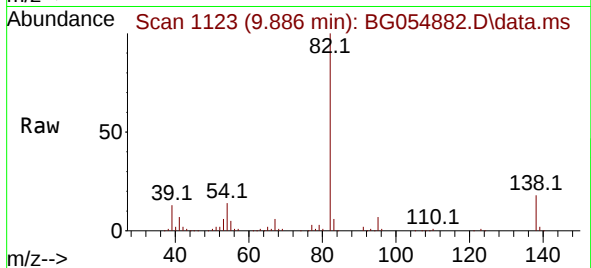
#25
Isophorone
Concen: 40.576 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

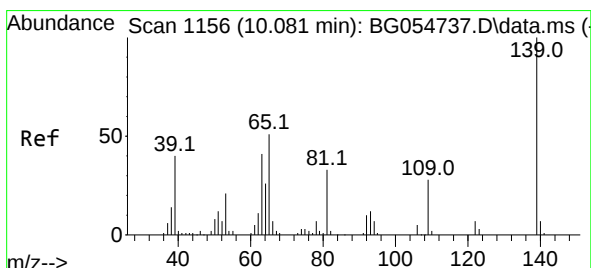
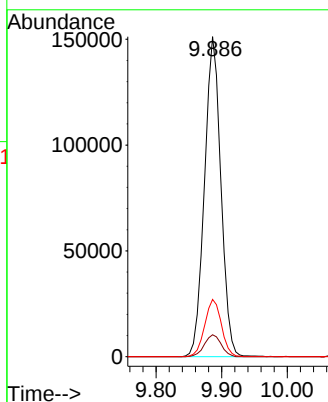
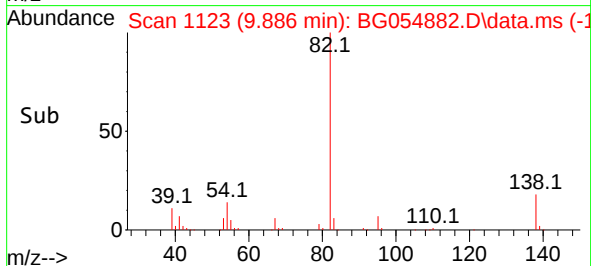


Tgt Ion: 82 Resp: 26324
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.9 13.9 20.9

Manual Integrations

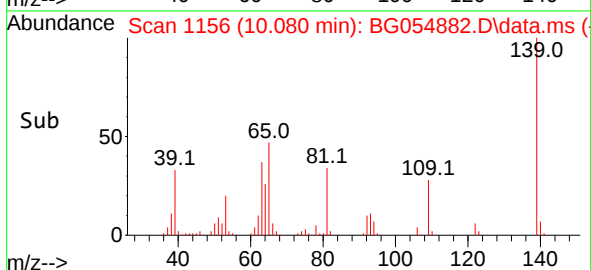
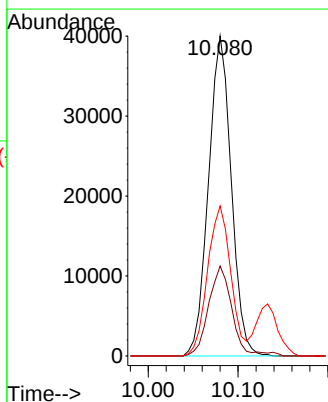
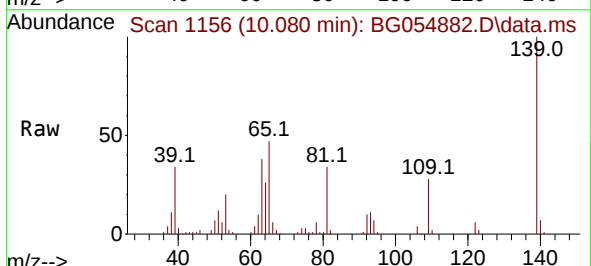
APPROVED

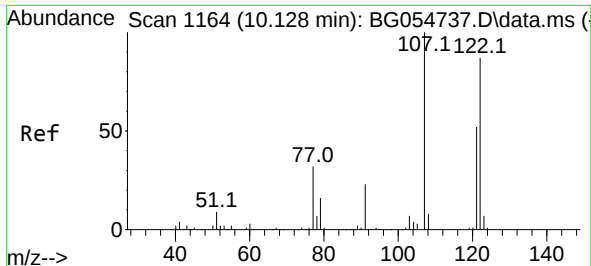
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#26
2-Nitrophenol
Concen: 45.475 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:139 Resp: 70448
Ion Ratio Lower Upper
139 100
109 28.1 21.8 32.6
65 46.9 37.4 56.0





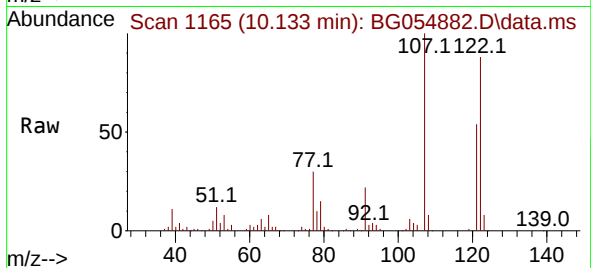
#27
2,4-Dimethylphenol
Concen: 48.210 ng
RT: 10.133 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

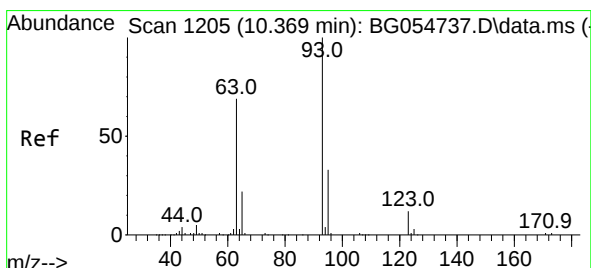
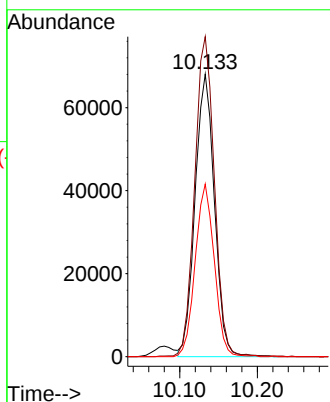
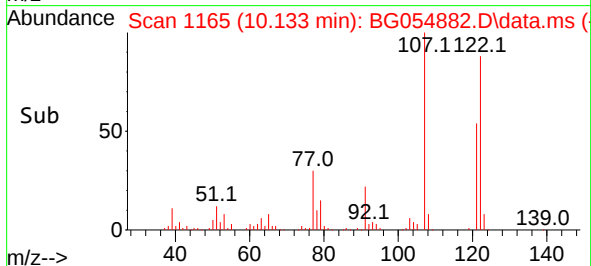


Tgt Ion:122 Resp: 11833
Ion Ratio Lower Upper
122 100
107 113.3 94.6 142.0
121 61.1 49.8 74.6

Manual Integrations

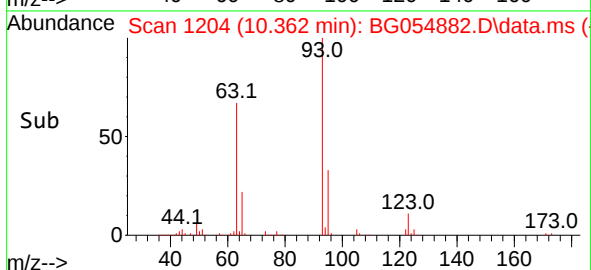
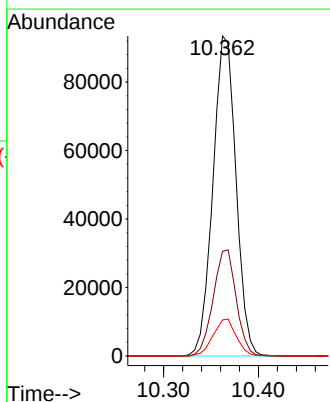
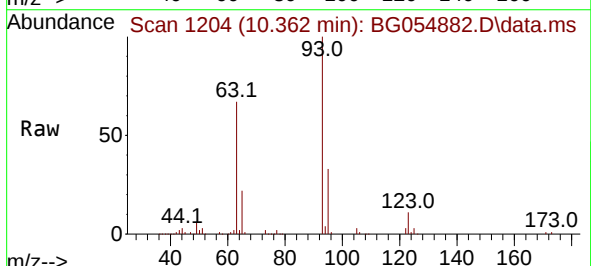
APPROVED

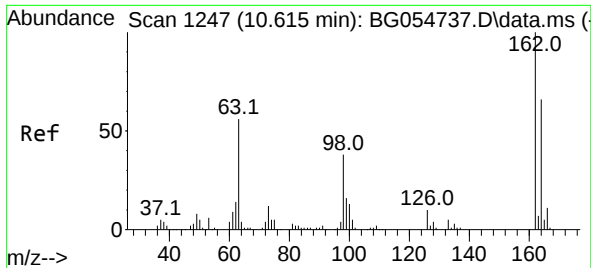
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.763 ng
RT: 10.362 min Scan# 1204
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion: 93 Resp: 158087
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: 44.981 ng

RT: 10.621 min Scan# 1248

Delta R.T. -0.005 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

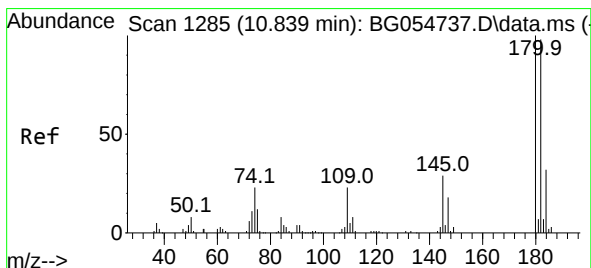
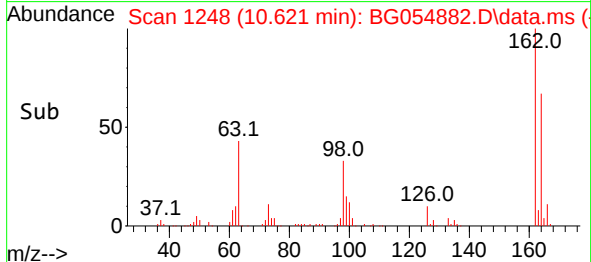
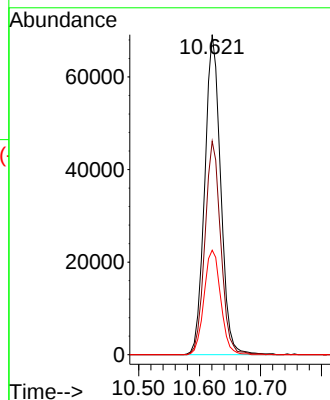
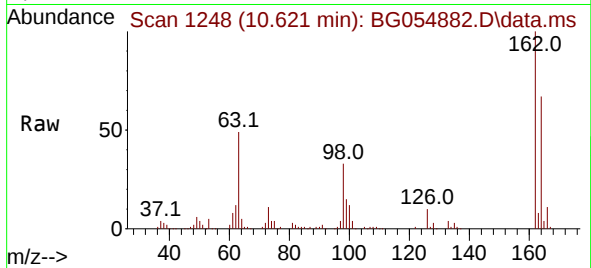
PB147503BS

Tgt Ion:162 Resp: 125578
 Ion Ratio Lower Upper
 162 100
 164 66.7 47.2 87.2
 98 32.7 16.6 56.6

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 40.068 ng

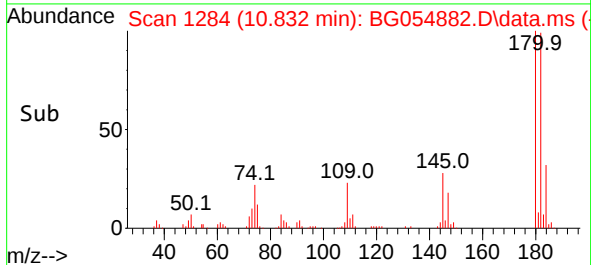
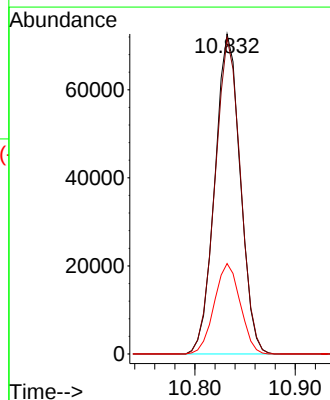
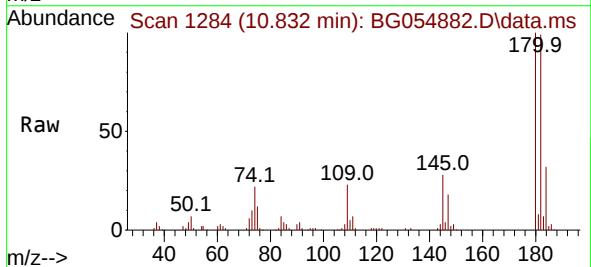
RT: 10.832 min Scan# 1284

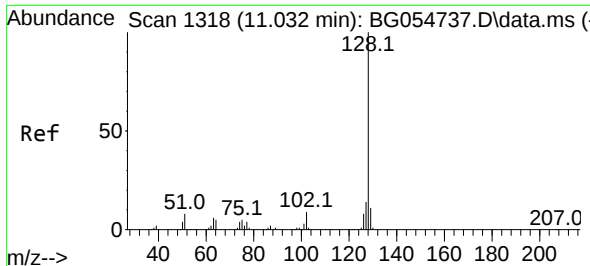
Delta R.T. -0.005 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Tgt Ion:180 Resp: 127832
 Ion Ratio Lower Upper
 180 100
 182 98.8 77.0 115.6
 145 28.3 24.0 36.0





#31
Naphthalene
Concen: 38.934 ng
RT: 11.026 min Scan# 1101
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

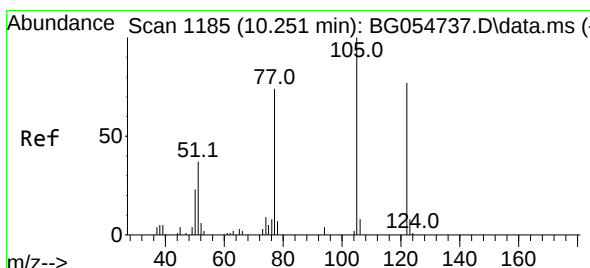
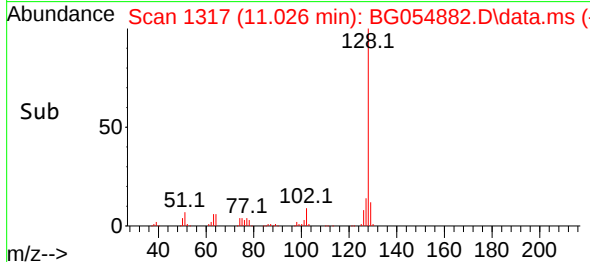
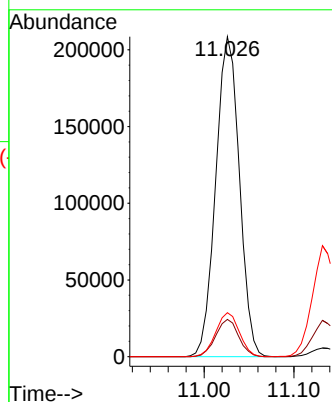
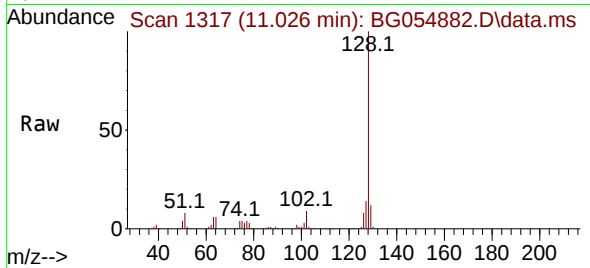
PB147503BS

Tgt Ion:128 Resp: 38155
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.8 11.1 16.7

Manual Integrations

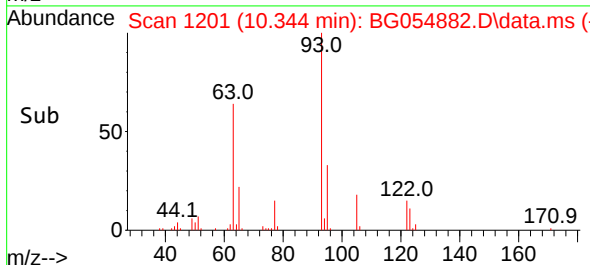
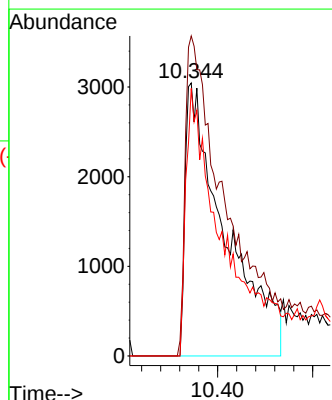
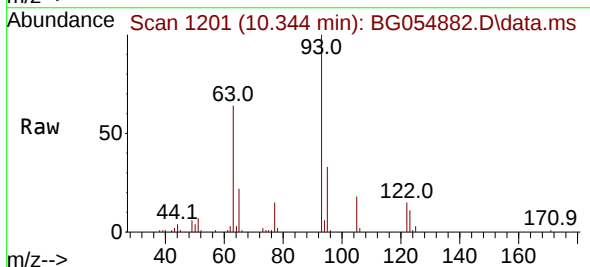
APPROVED

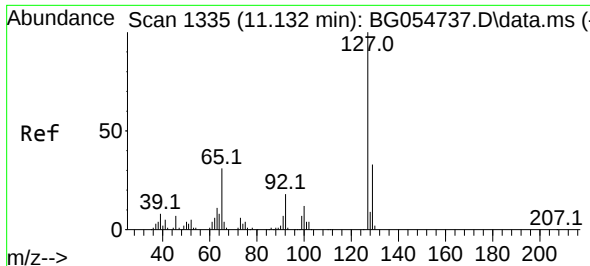
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#32
Benzoic acid
Concen: 16.204 ng m
RT: 10.344 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

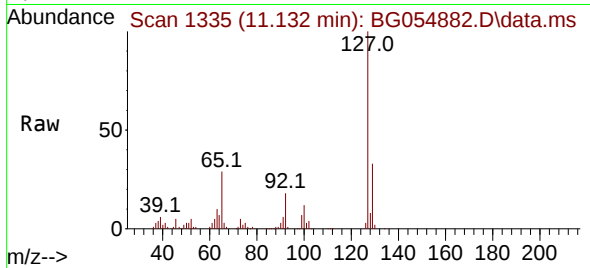
Tgt Ion:122 Resp: 17577
Ion Ratio Lower Upper
122 100
105 117.2 101.5 141.5
77 98.0 69.3 109.3





#33
4-Chloroaniline
Concen: 34.886 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

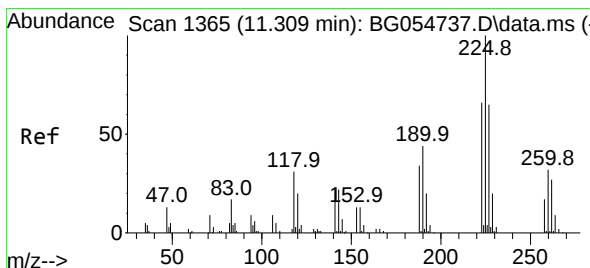
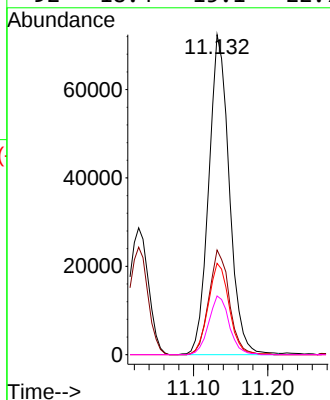
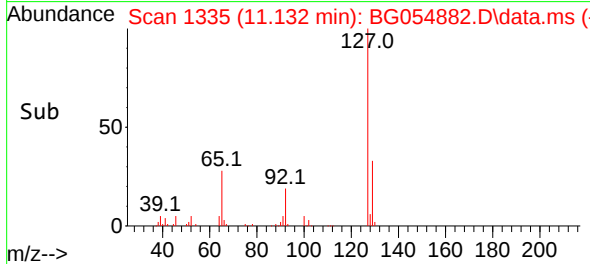
Instrument :
BNA_G
ClientSampleId :
PB147503BS



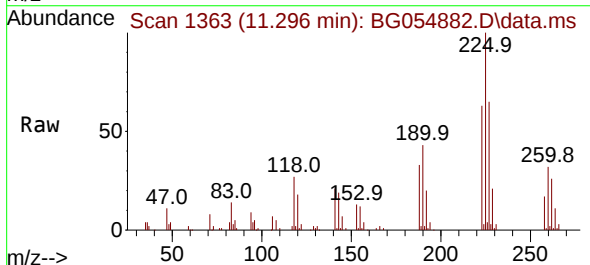
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	28.5	25.8	38.8
92	18.4	15.1	22.7

Manual Integrations
APPROVED

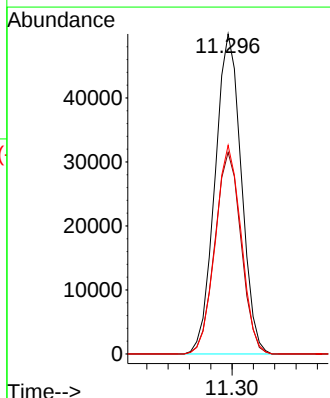
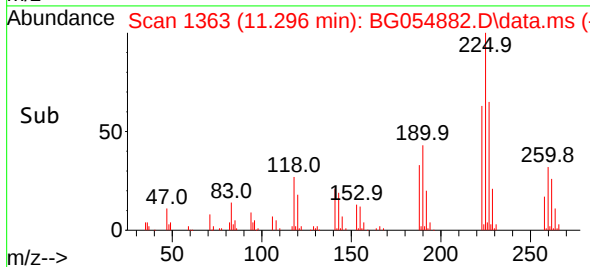
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#34
Hexachlorobutadiene
Concen: 41.816 ng
RT: 11.296 min Scan# 1363
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



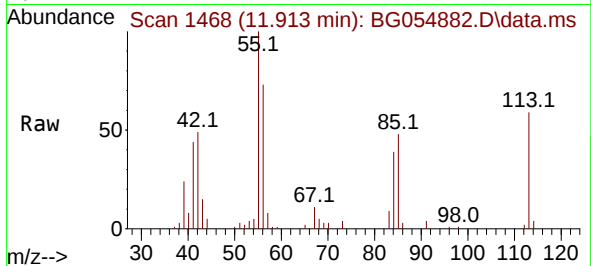
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.0
227	65.2	52.6	79.0





#35
Caprolactam
Concen: 45.407 ng m
RT: 11.913 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

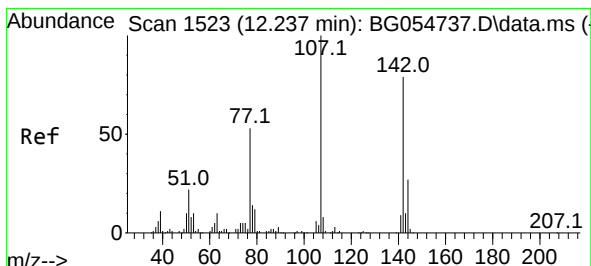
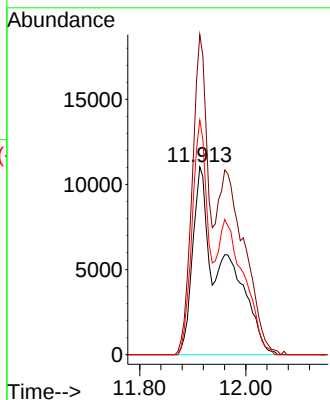
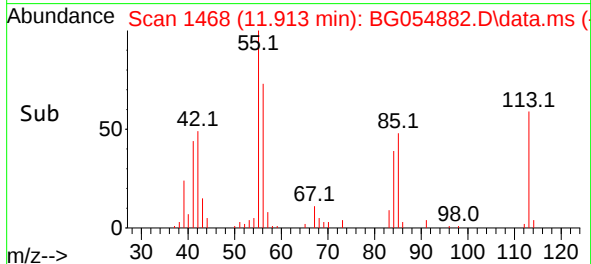
Instrument :
BNA_G
ClientSampleId :
PB147503BS



Tgt Ion:113 Resp: 44720
Ion Ratio Lower Upper
113 100
55 170.5 179.1 219.1
56 124.9 120.8 160.8

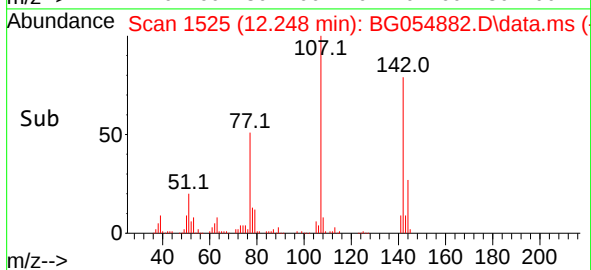
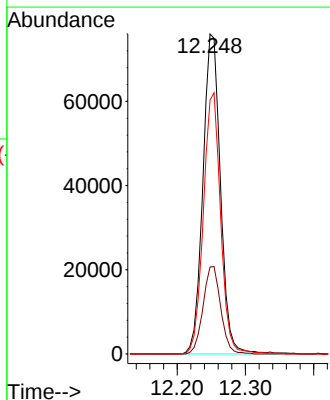
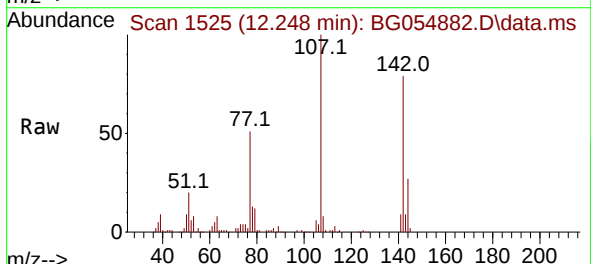
Manual Integrations
APPROVED

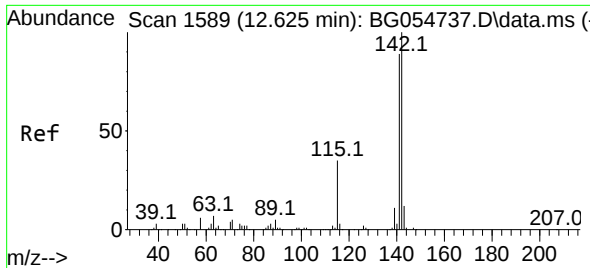
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#36
4-Chloro-3-methylphenol
Concen: 44.639 ng
RT: 12.248 min Scan# 1525
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:107 Resp: 136280
Ion Ratio Lower Upper
107 100
144 27.2 22.4 33.6
142 79.3 65.8 98.8





#37
2-Methylnaphthalene
Concen: 40.213 ng
RT: 12.624 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

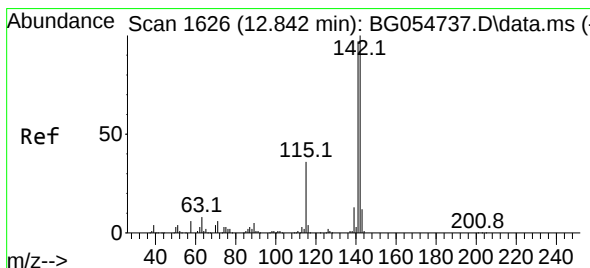
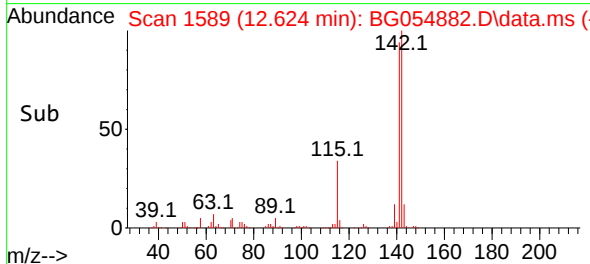
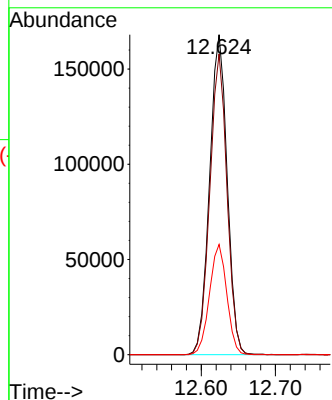
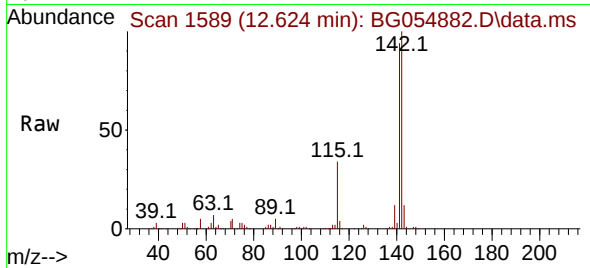
PB147503BS

Tgt Ion:142 Resp: 276209
Ion Ratio Lower Upper
142 100
141 94.0 73.0 109.4
115 34.4 27.3 40.9

Manual Integrations

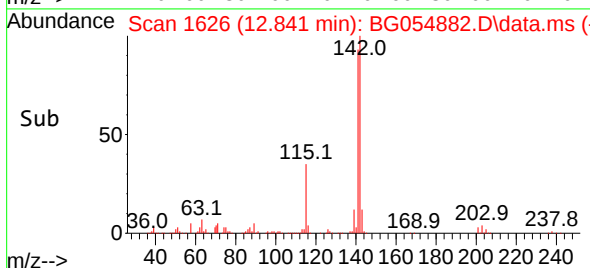
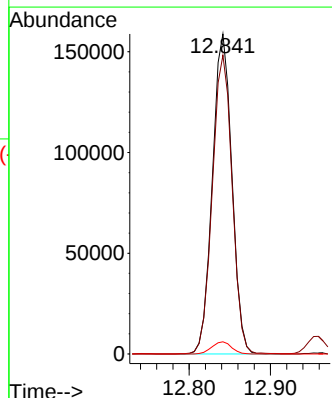
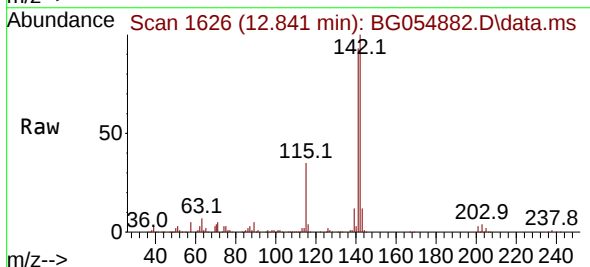
APPROVED

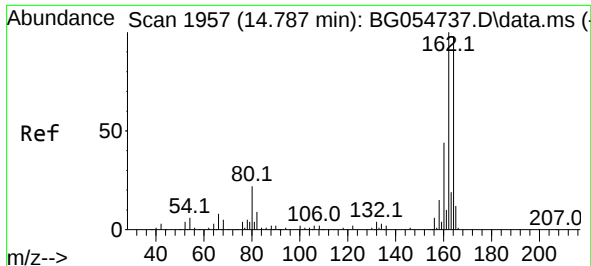
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#38
1-Methylnaphthalene
Concen: 39.540 ng
RT: 12.841 min Scan# 1626
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:142 Resp: 264233
Ion Ratio Lower Upper
142 100
141 93.4 77.4 116.0
116 3.8 3.0 4.4





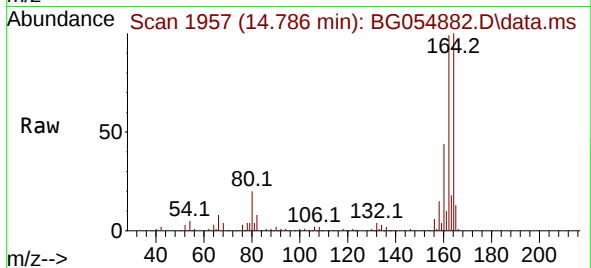
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

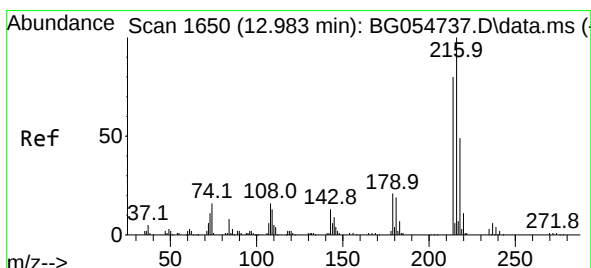
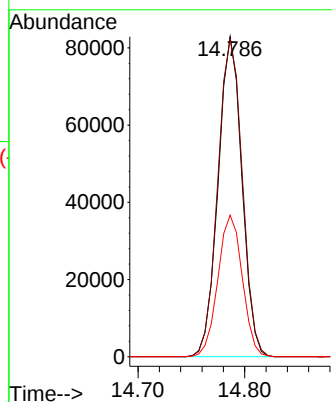
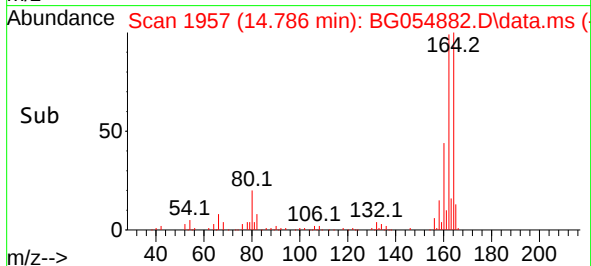


Tgt Ion:164 Resp: 128270
Ion Ratio Lower Upper
164 100
162 99.2 83.0 124.4
160 44.2 38.0 57.0

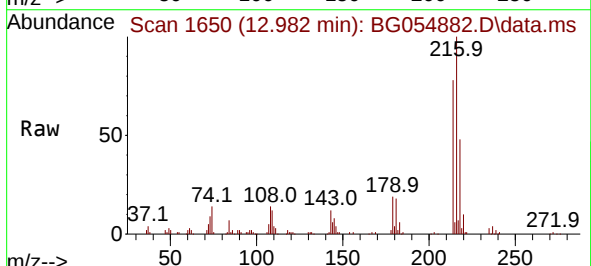
Manual Integrations

APPROVED

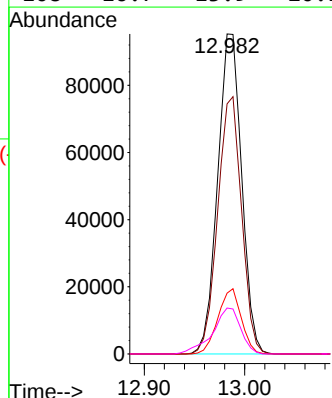
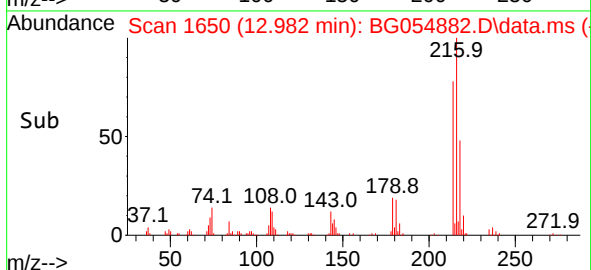
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.942 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



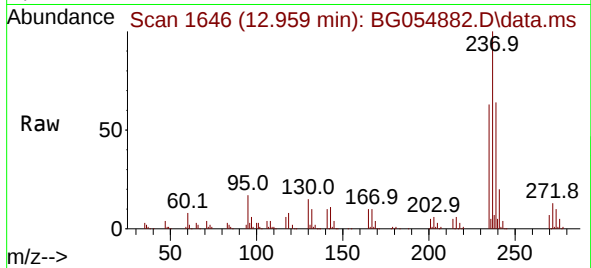
Tgt Ion:216 Resp: 158306
Ion Ratio Lower Upper
216 100
214 79.8 63.2 94.8
179 19.7 16.5 24.7
108 16.7 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 64.080 ng
RT: 12.959 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

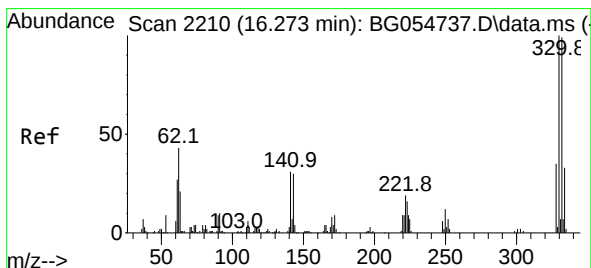
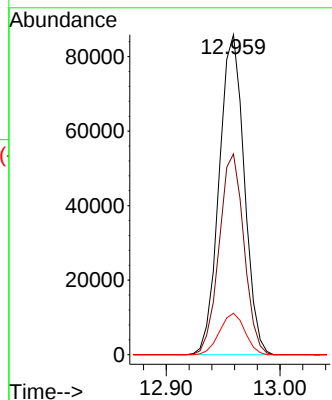
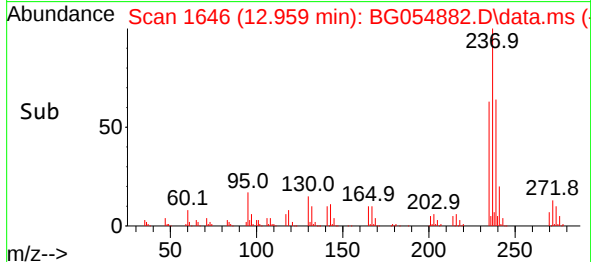
Instrument :
BNA_G
ClientSampleId :
PB147503BS



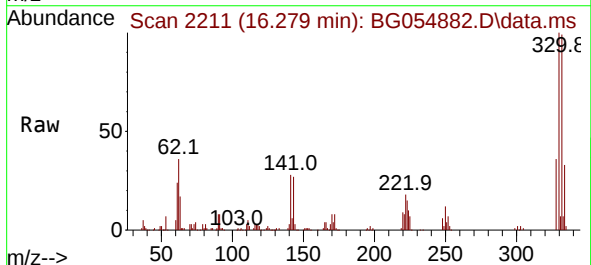
Tgt Ion:237 Resp: 131400
Ion Ratio Lower Upper
237 100
235 62.8 42.2 82.2
272 13.0 0.0 34.0

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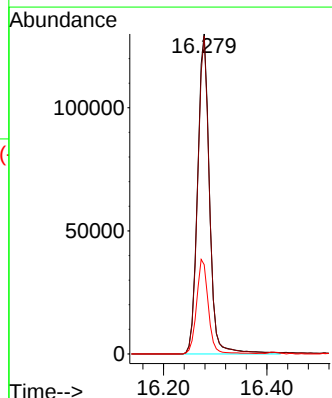
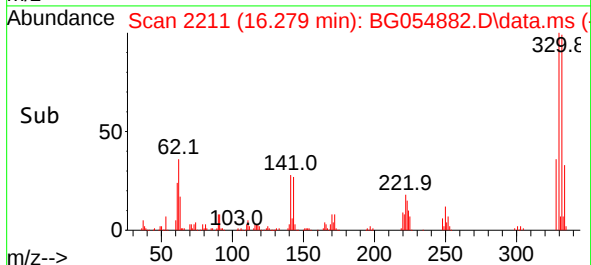
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#42
2,4,6-Tribromophenol
Concen: 129.840 ng
RT: 16.279 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:330 Resp: 208110
Ion Ratio Lower Upper
330 100
332 97.7 79.8 119.6
141 29.2 26.8 40.2





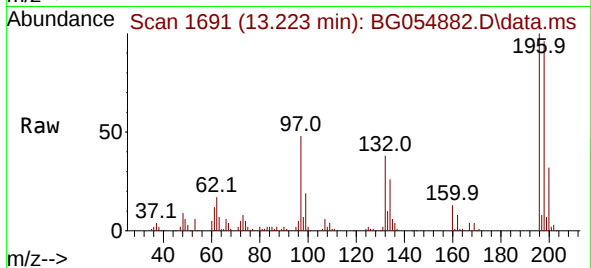
#43
2,4,6-Trichlorophenol
Concen: 38.991 ng
RT: 13.223 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

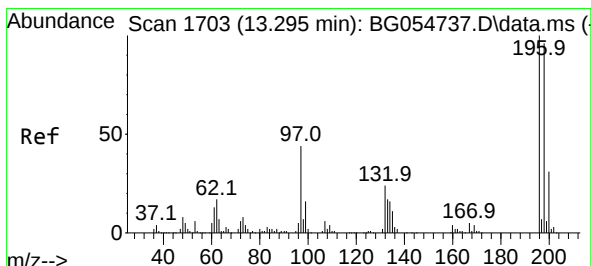
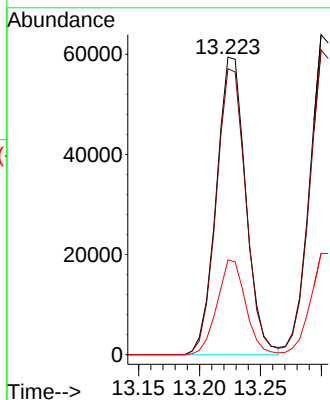
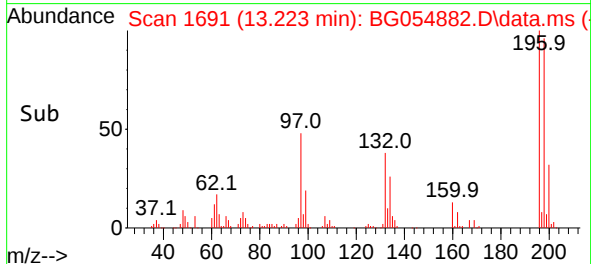


Tgt Ion:196 Resp: 100069
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 31.8 24.2 36.4

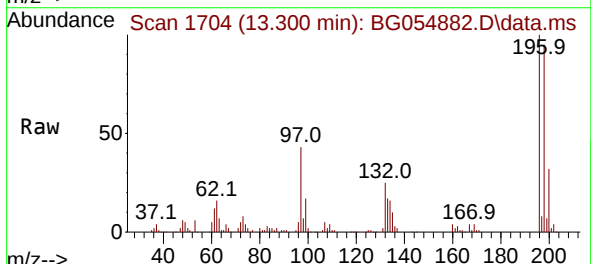
Manual Integrations

APPROVED

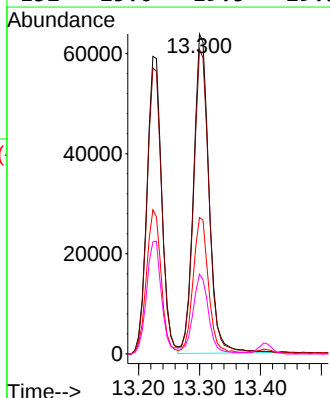
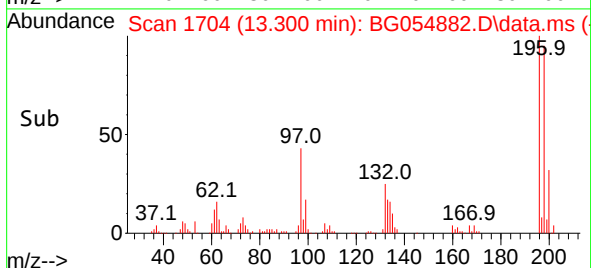
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

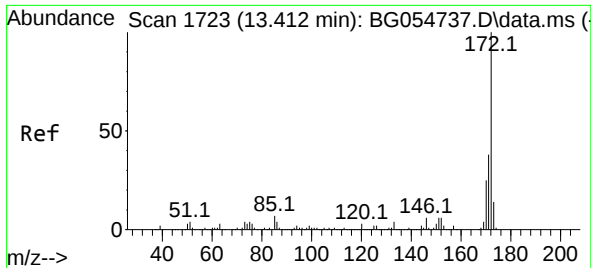


#44
2,4,5-Trichlorophenol
Concen: 39.085 ng
RT: 13.300 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



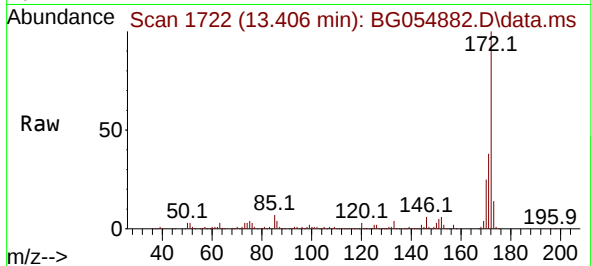
Tgt Ion:196 Resp: 112653
Ion Ratio Lower Upper
196 100
198 95.2 76.7 115.1
97 42.6 36.6 55.0
132 25.0 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 75.804 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

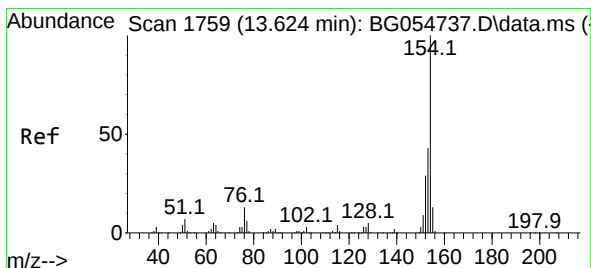
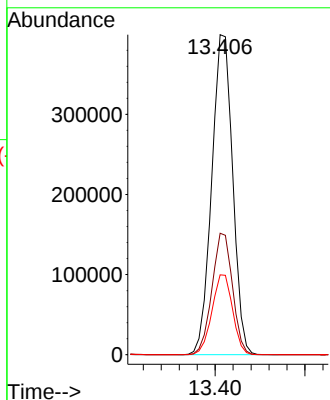
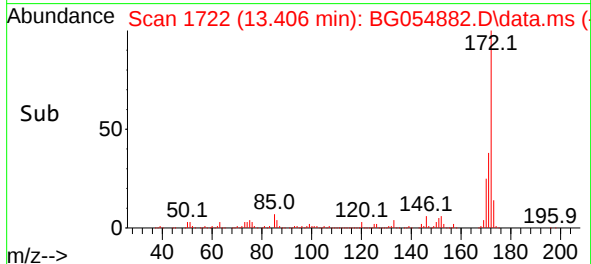
Instrument :
BNA_G
ClientSampleId :
PB147503BS



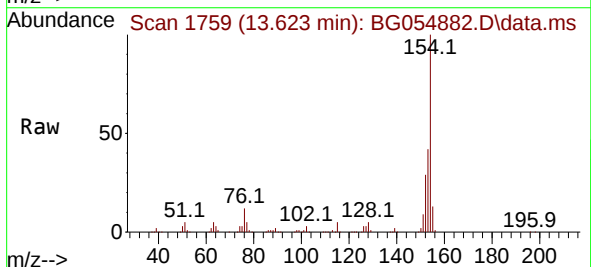
Tgt Ion:172 Resp: 64692
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.0 20.6 30.8

Manual Integrations
APPROVED

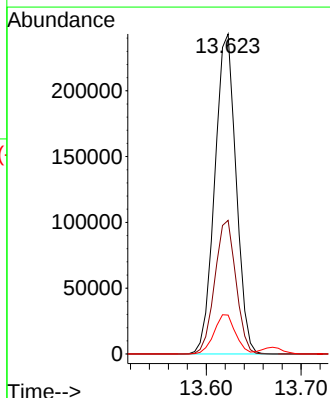
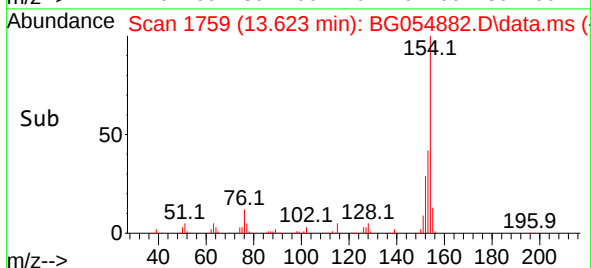
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

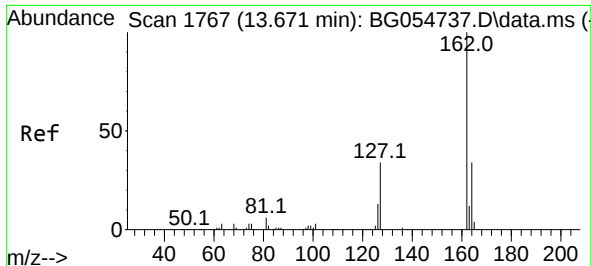


#46
1,1'-Biphenyl
Concen: 39.801 ng
RT: 13.623 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:154 Resp: 379117
Ion Ratio Lower Upper
154 100
153 41.7 22.2 62.2
76 12.1 0.0 34.0





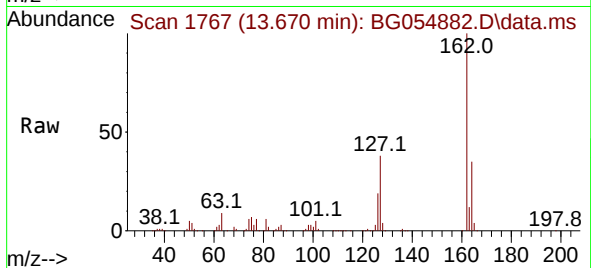
#47
2-Chloronaphthalene
Concen: 38.638 ng
RT: 13.670 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

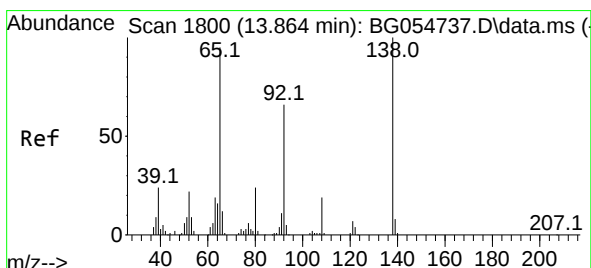
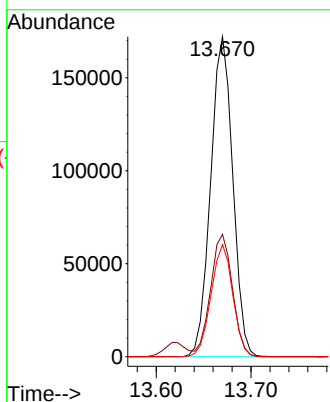
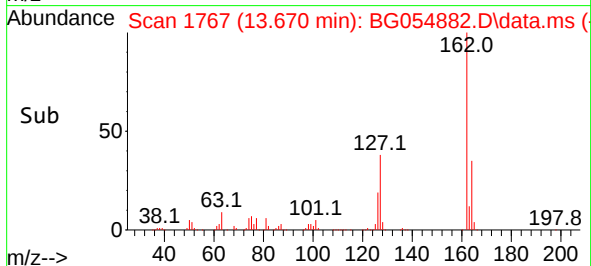


Tgt Ion:162 Resp: 27951
Ion Ratio Lower Upper
162 100
127 38.2 31.5 47.3
164 35.0 27.8 41.6

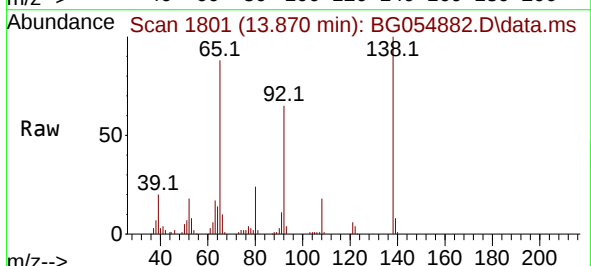
Manual Integrations

APPROVED

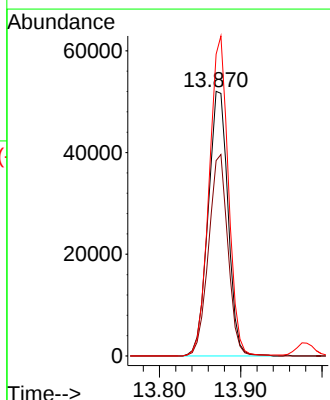
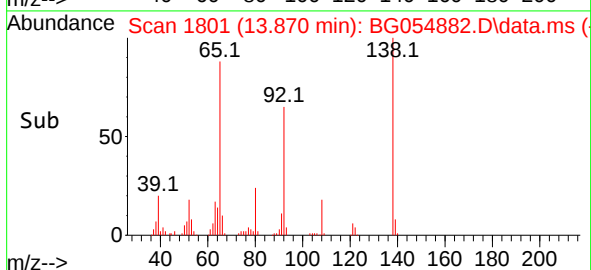
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

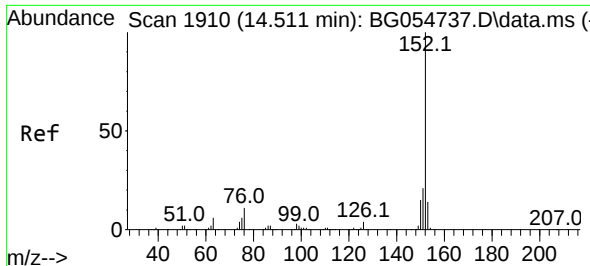


#48
2-Nitroaniline
Concen: 38.969 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



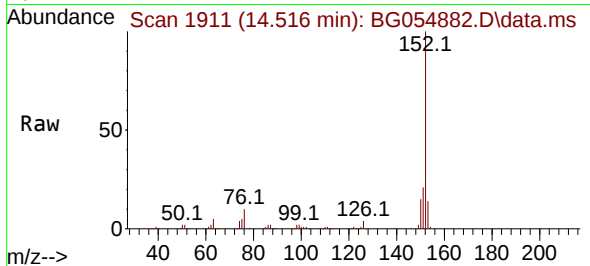
Tgt Ion: 65 Resp: 88348
Ion Ratio Lower Upper
65 100
92 73.8 54.7 82.1
138 114.1 84.1 126.1





#49
Acenaphthylene
Concen: 39.186 ng
RT: 14.516 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

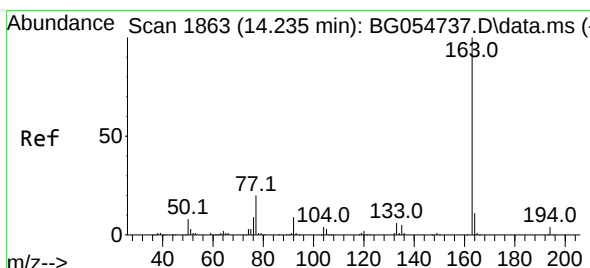
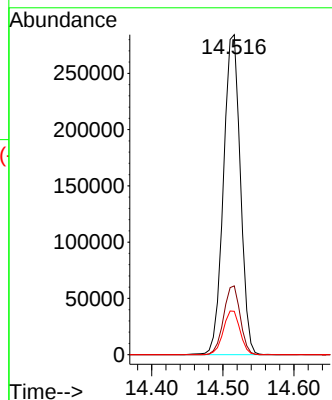
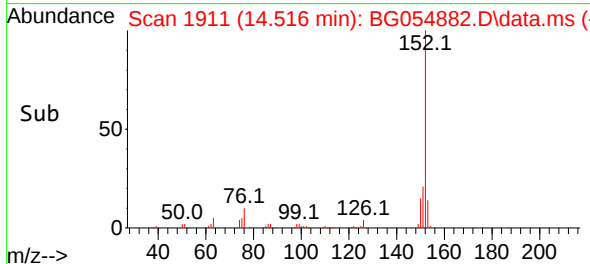
Instrument :
BNA_G
ClientSampleId :
PB147503BS



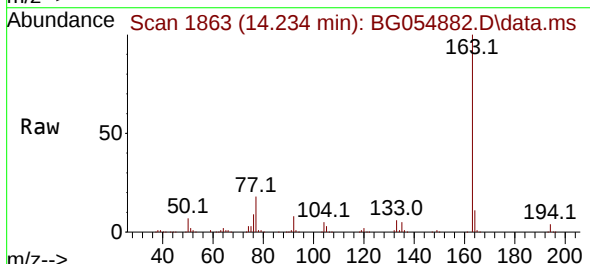
Tgt Ion:152 Resp: 46779
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9
153 13.6 10.8 16.2

Manual Integrations
APPROVED

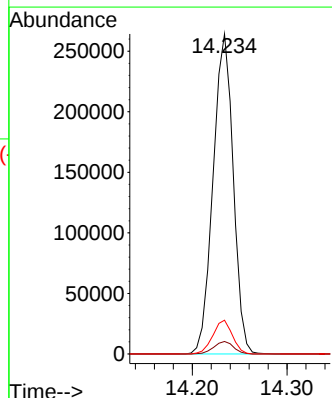
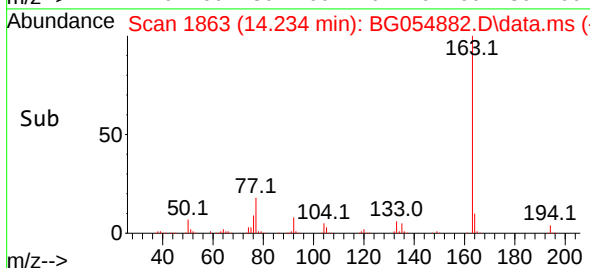
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

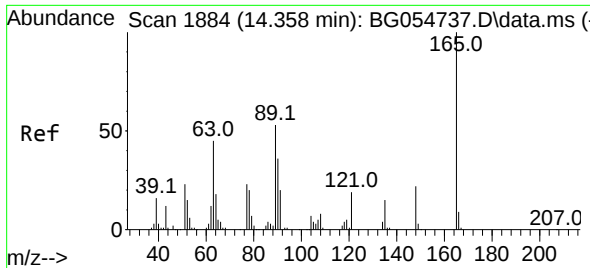


#50
Dimethylphthalate
Concen: 39.399 ng
RT: 14.234 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:163 Resp: 389345
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.0 12.0





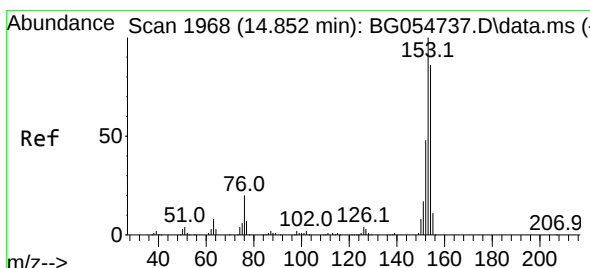
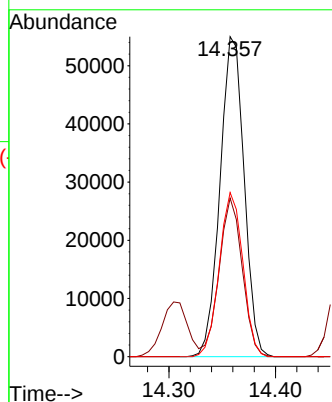
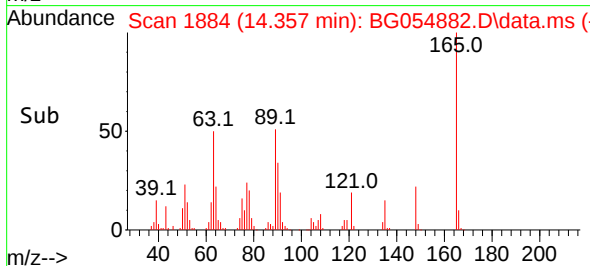
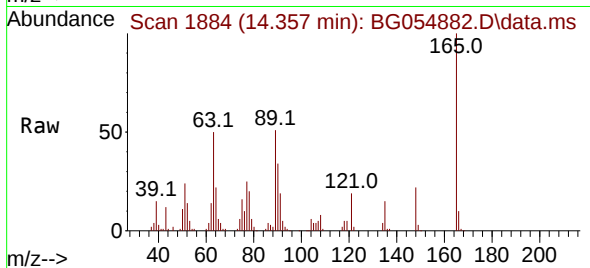
#51
2,6-Dinitrotoluene
Concen: 42.740 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :
BNA_G
ClientSampleId :
PB147503BS

Tgt Ion:165 Resp: 86389
Ion Ratio Lower Upper
165 100
63 49.5 46.0 69.0
89 51.3 50.3 75.5

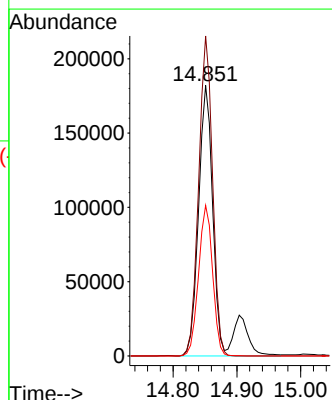
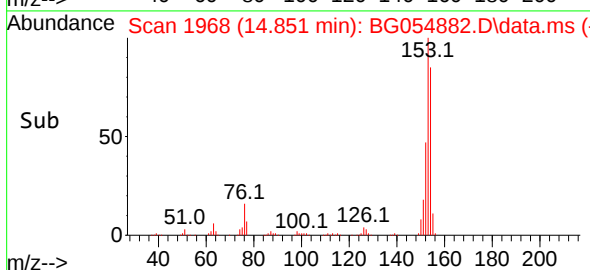
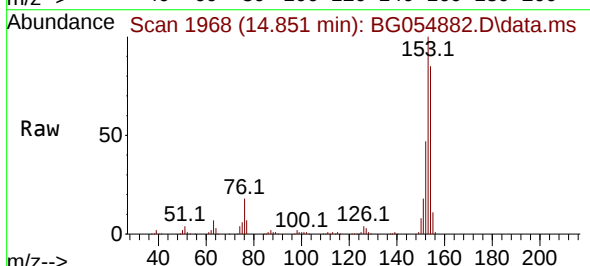
Manual Integrations
APPROVED

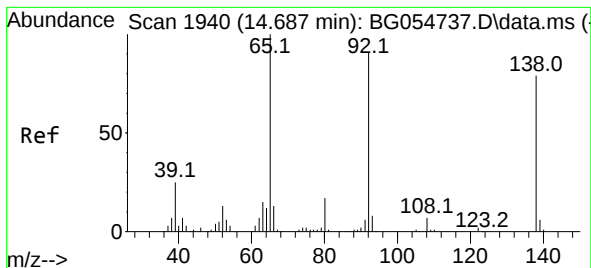
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#52
Acenaphthene
Concen: 42.078 ng m
RT: 14.851 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

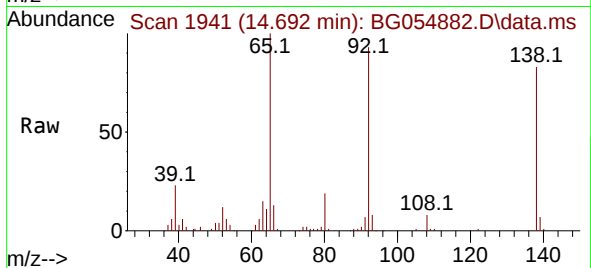
Tgt Ion:154 Resp: 322662
Ion Ratio Lower Upper
154 100
153 118.3 92.8 139.2
152 55.7 45.4 68.2





#53
3-Nitroaniline
Concen: 35.886 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

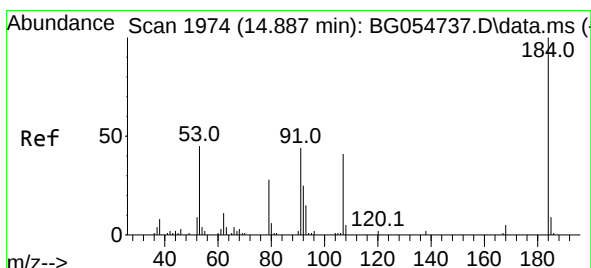
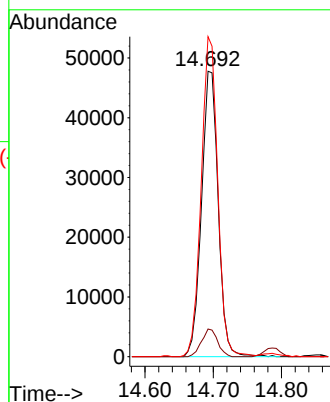
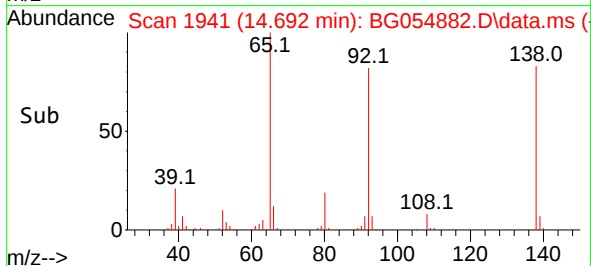
Instrument :
BNA_G
ClientSampleId :
PB147503BS



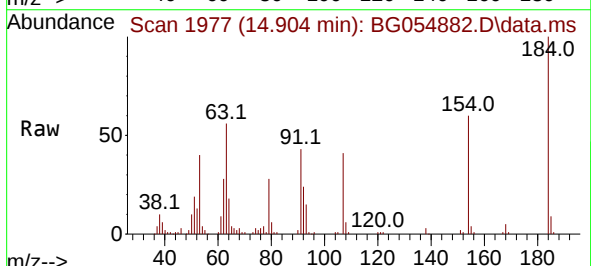
Tgt Ion:138 Resp: 81198
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 112.1 96.0 144.0

Manual Integrations
APPROVED

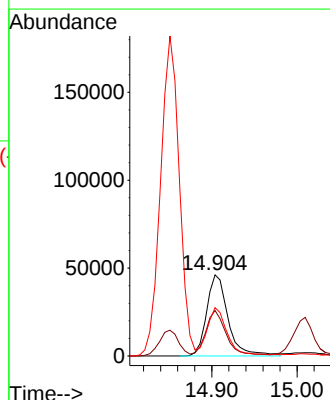
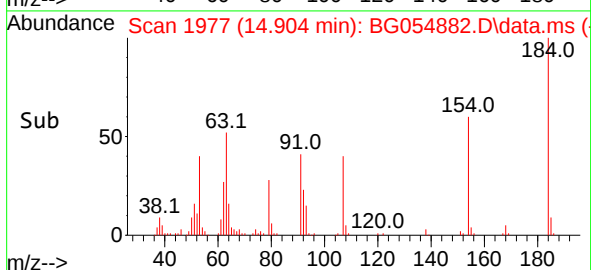
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

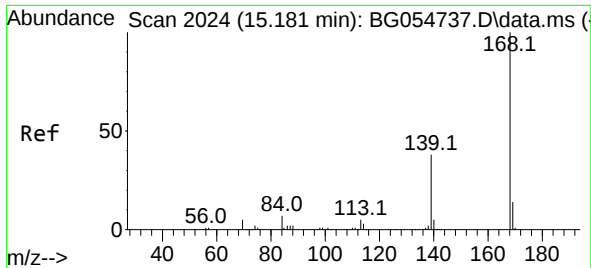


#54
2,4-Dinitrophenol
Concen: 71.300 ng
RT: 14.904 min Scan# 1977
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



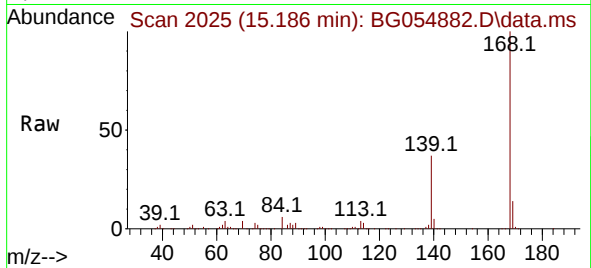
Tgt Ion:184 Resp: 80426
Ion Ratio Lower Upper
184 100
63 56.0 41.8 62.8
154 59.6 45.2 67.8





#55
Dibenzofuran
Concen: 39.865 ng
RT: 15.186 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

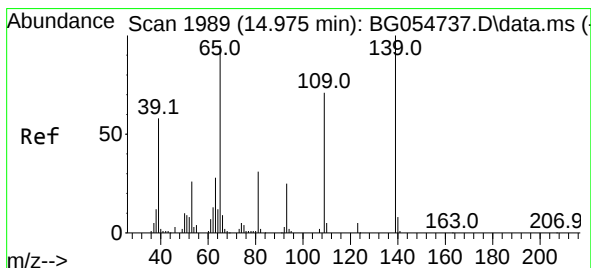
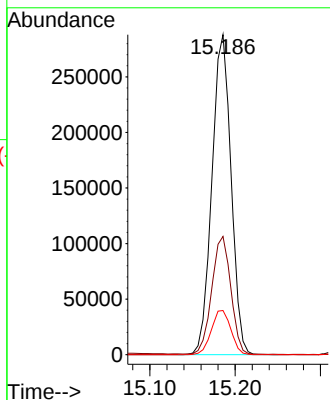
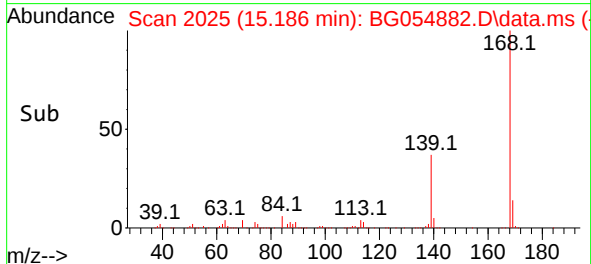
Instrument :
BNA_G
ClientSampleId :
PB147503BS



Tgt Ion:168 Resp: 44918
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 13.8 11.3 16.9

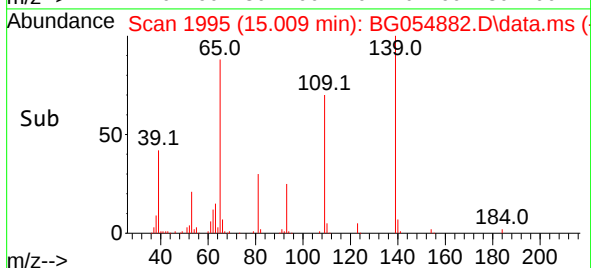
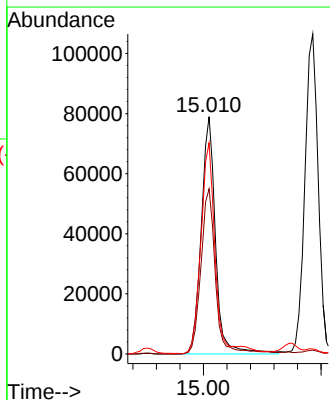
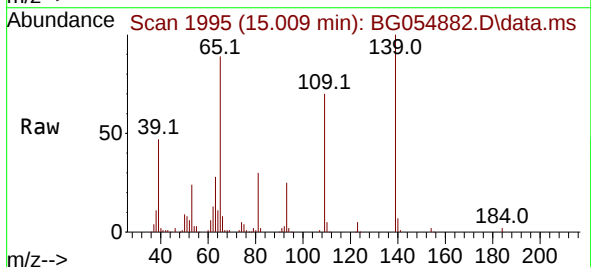
Manual Integrations
APPROVED

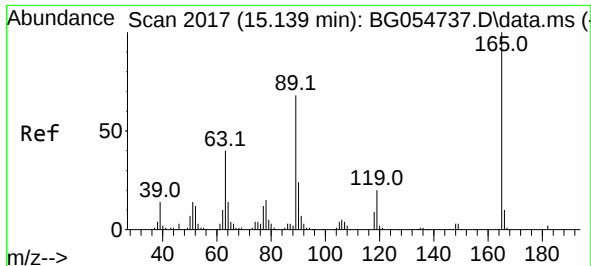
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#56
4-Nitrophenol
Concen: 76.475 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:139 Resp: 133910
Ion Ratio Lower Upper
139 100
109 69.6 50.5 90.5
65 88.9 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 44.518 ng
RT: 15.151 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

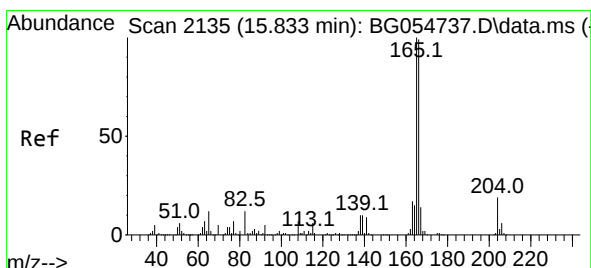
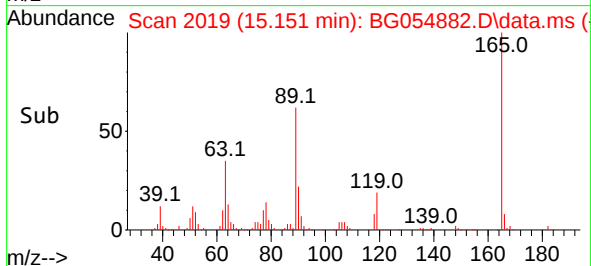
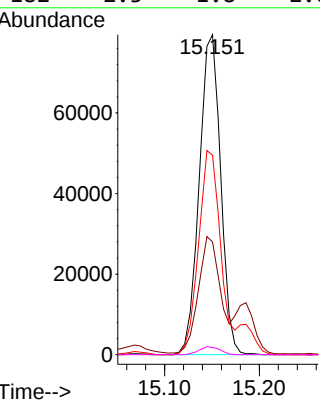
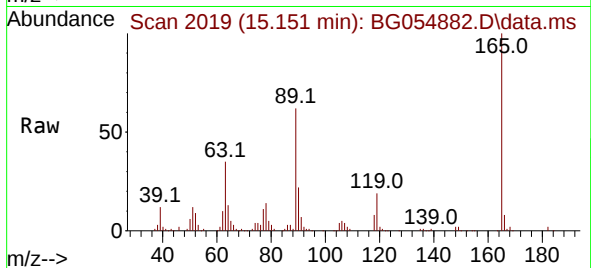
PB147503BS

Tgt Ion:165 Resp: 124462
Ion Ratio Lower Upper
165 100
63 35.2 36.8 55.2
89 62.3 64.3 96.5
182 2.3 1.8 2.6

Manual Integrations

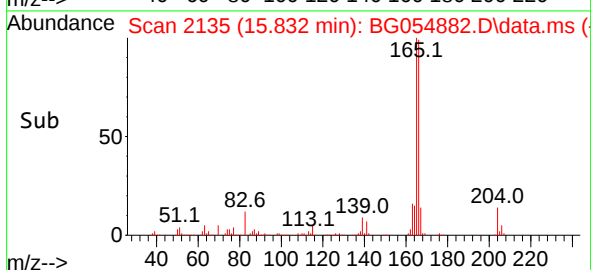
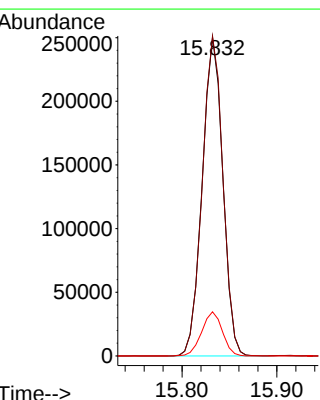
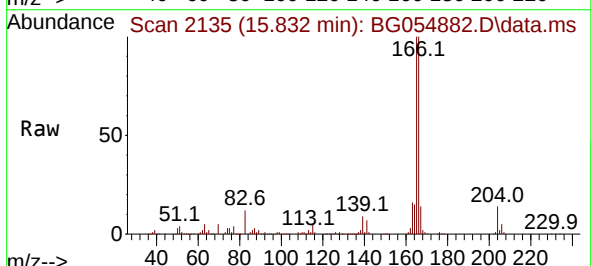
APPROVED

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



#58
Fluorene
Concen: 39.787 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:166 Resp: 377674
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 13.8 11.4 17.0





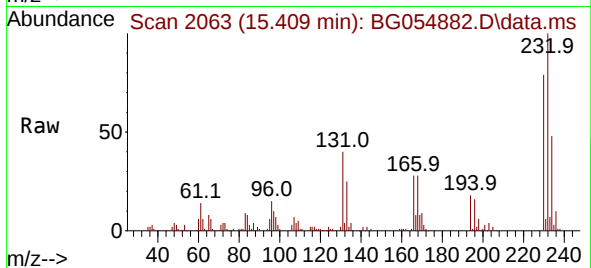
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.118 ng
RT: 15.409 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

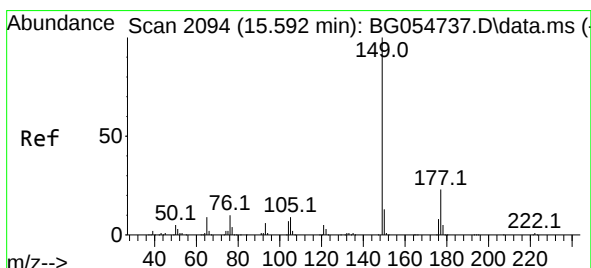
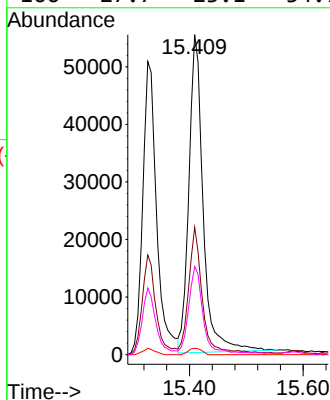
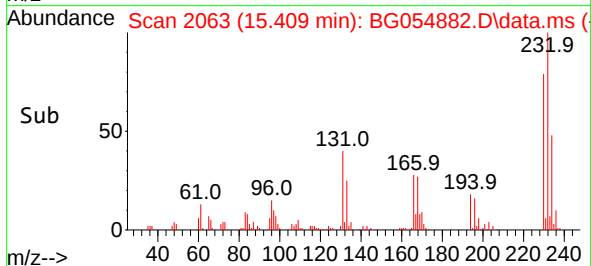


Tgt Ion:232 Resp: 96439
Ion Ratio Lower Upper
232 100
131 39.0 31.3 46.9
130 1.9 1.8 2.6
166 27.7 23.1 34.7

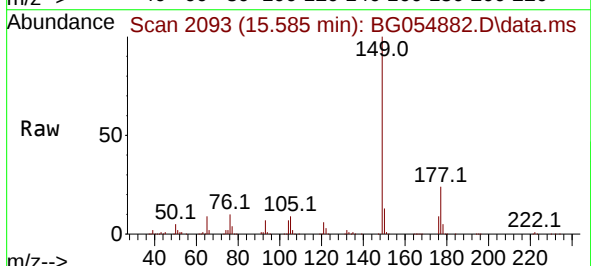
Manual Integrations

APPROVED

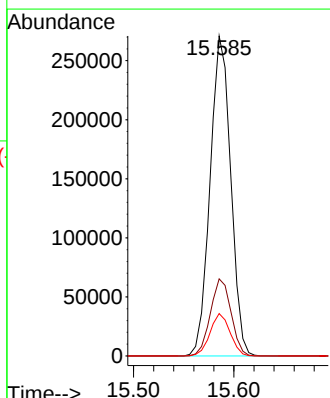
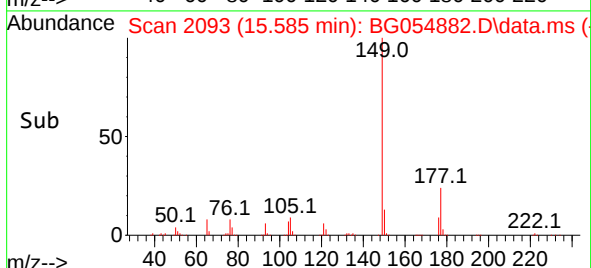
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

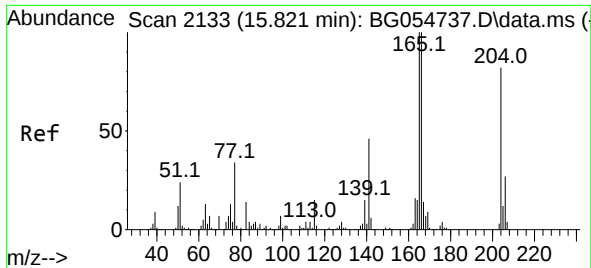


#60
Diethylphthalate
Concen: 39.199 ng
RT: 15.585 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



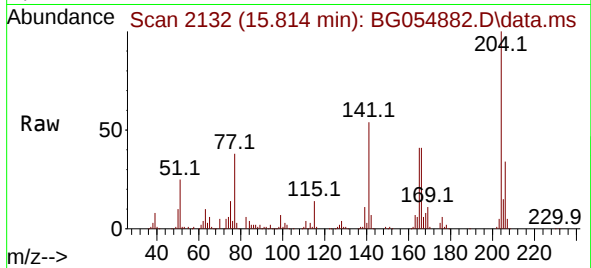
Tgt Ion:149 Resp: 386808
Ion Ratio Lower Upper
149 100
177 24.1 17.8 26.6
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.880 ng
RT: 15.814 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

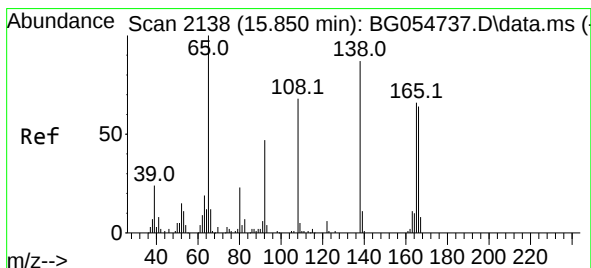
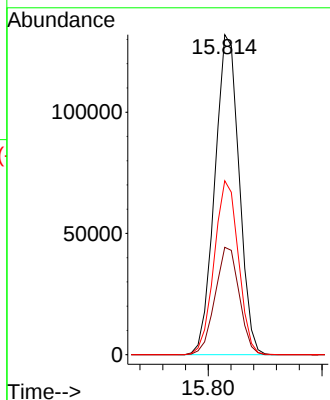
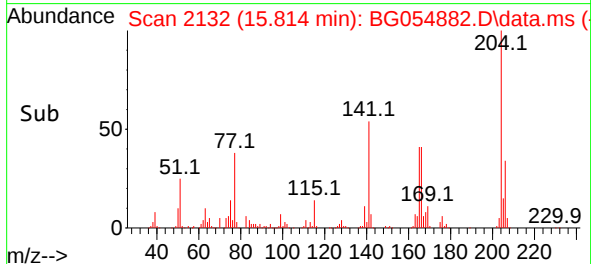
Instrument :
BNA_G
ClientSampleId :
PB147503BS



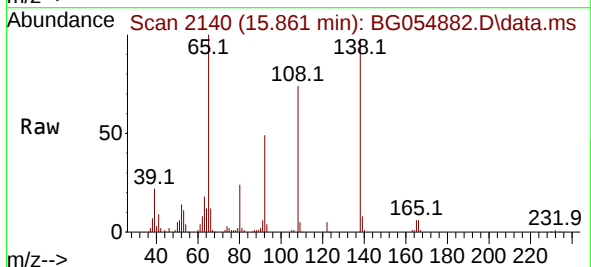
Tgt Ion:204 Resp: 19611
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 54.3 44.9 67.3

Manual Integrations
APPROVED

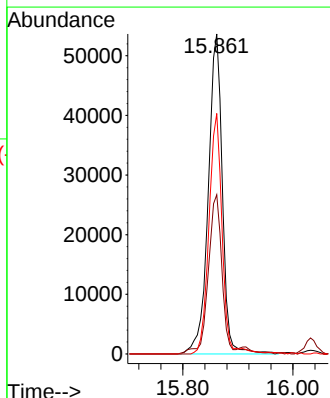
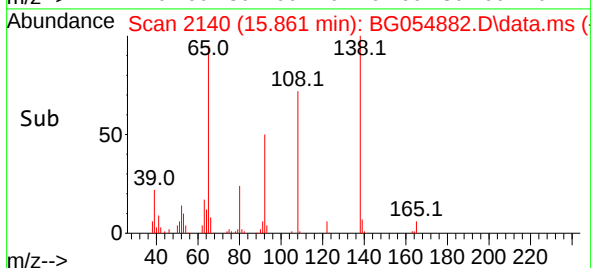
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

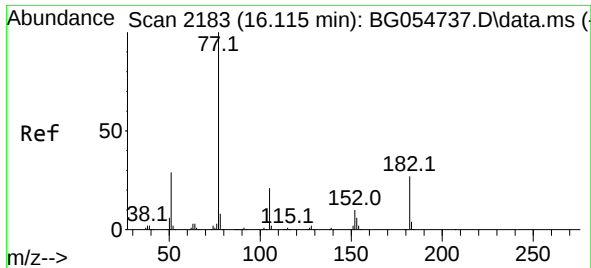


#62
4-Nitroaniline
Concen: 41.491 ng
RT: 15.861 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



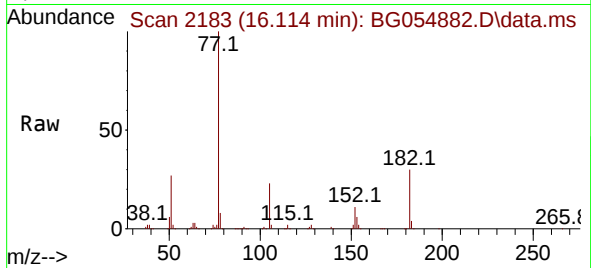
Tgt Ion:138 Resp: 95851
Ion Ratio Lower Upper
138 100
92 49.8 34.7 74.7
108 75.1 56.2 96.2





#63
Azobenzene
Concen: 35.936 ng
RT: 16.114 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

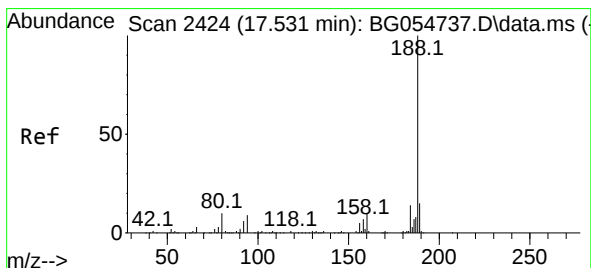
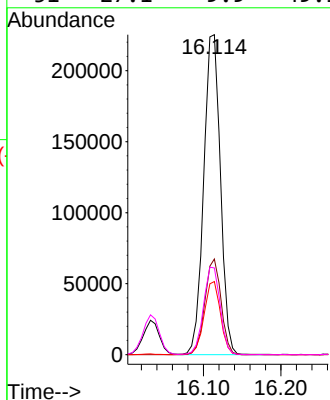
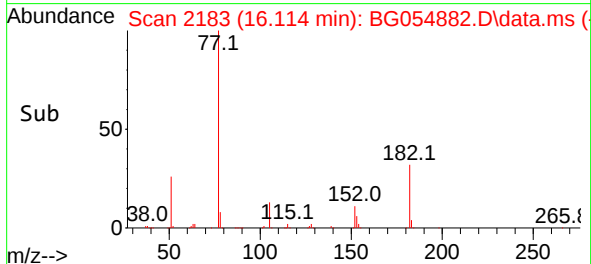
Instrument :
BNA_G
ClientSampleId :
PB147503BS



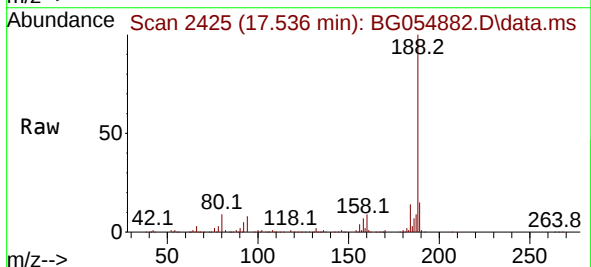
Tgt Ion:	77	Ratio	100	Lower	Upper
182	29.9	5.1	45.1		
105	22.9	0.7	40.7		
51	27.1	9.9	49.9		

Manual Integrations
APPROVED

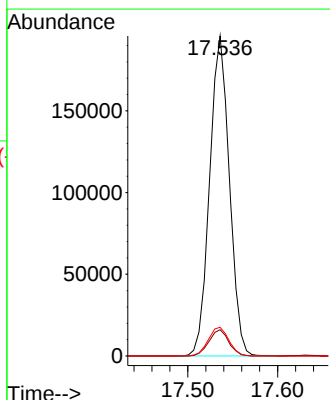
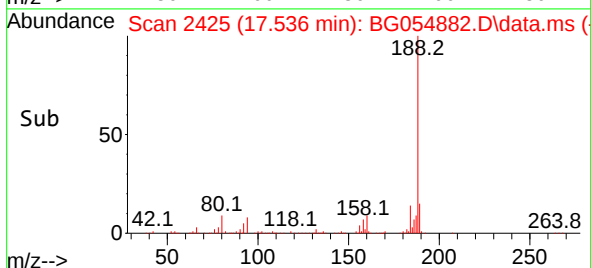
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

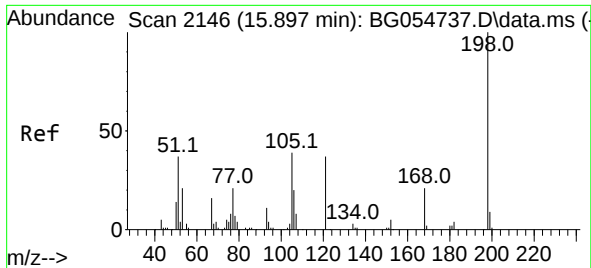


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:	188	Ratio	100	Lower	Upper
94	8.2	7.0	10.4		
80	8.9	7.9	11.9		





#65
4,6-Dinitro-2-methylphenol
Concen: 42.455 ng
RT: 15.914 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

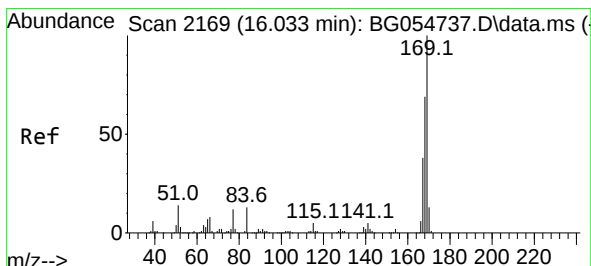
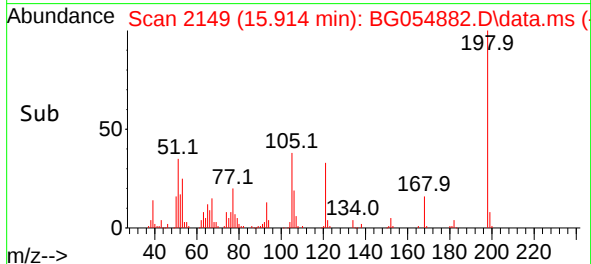
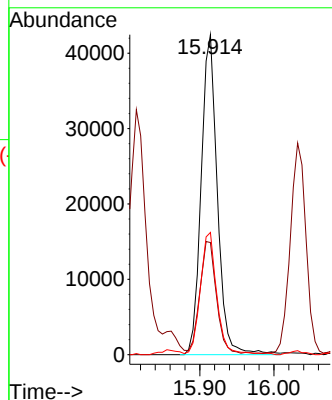
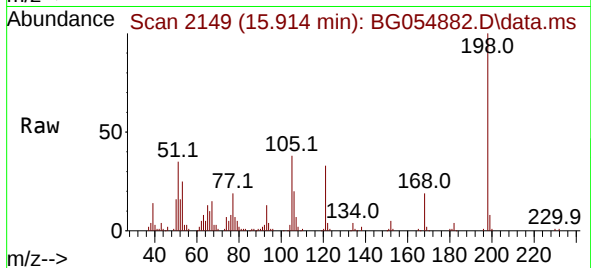
PB147503BS

Tgt Ion:198 Resp: 64672
Ion Ratio Lower Upper
198 100
51 35.1 19.9 59.9
105 38.2 20.3 60.3

Manual Integrations

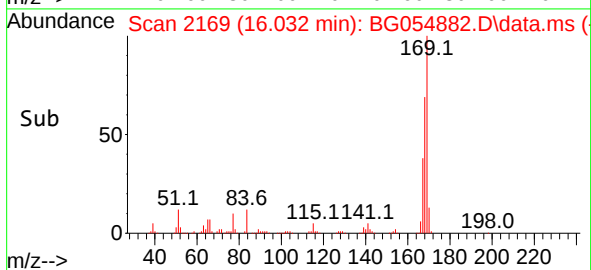
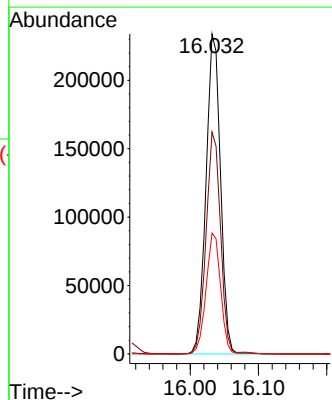
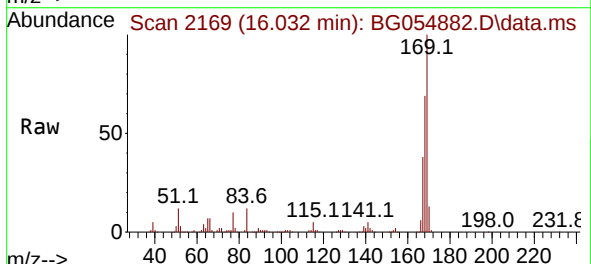
APPROVED

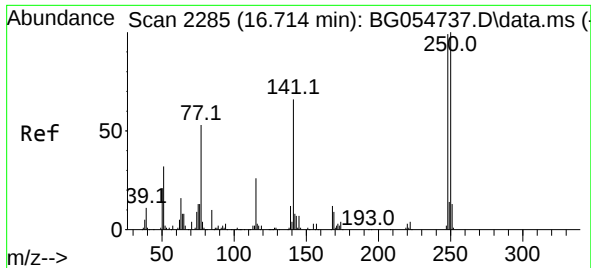
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#66
n-Nitrosodiphenylamine
Concen: 39.909 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:169 Resp: 344426
Ion Ratio Lower Upper
169 100
168 69.3 55.6 83.4
167 37.8 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 42.951 ng
RT: 16.713 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

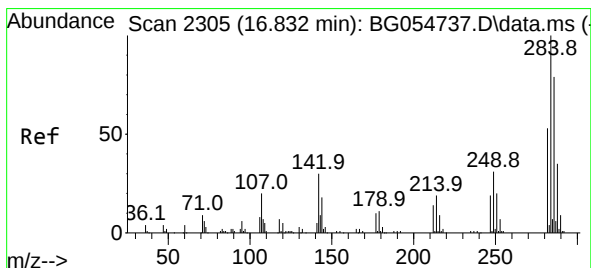
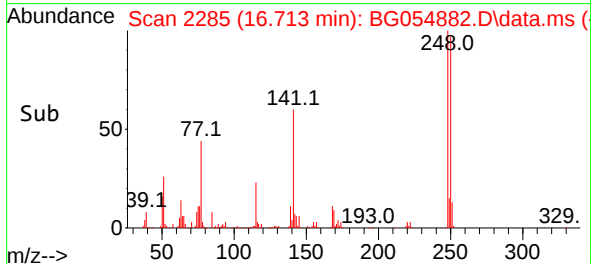
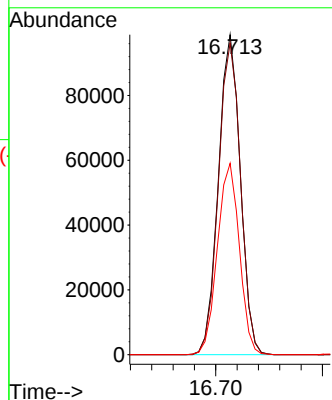
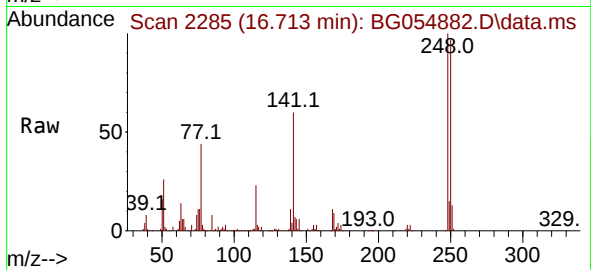
PB147503BS

Tgt Ion:248 Resp: 14112
Ion Ratio Lower Upper
248 100
250 97.4 78.8 118.2
141 59.8 51.9 77.9

Manual Integrations

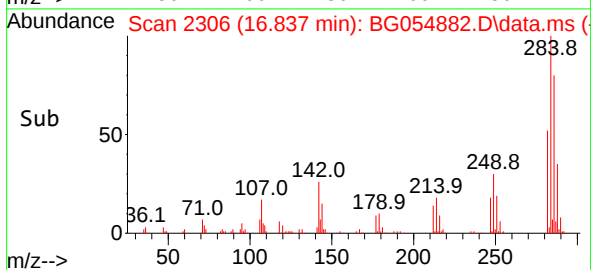
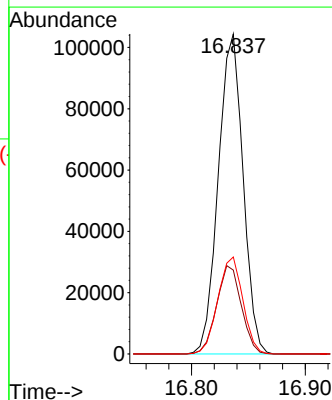
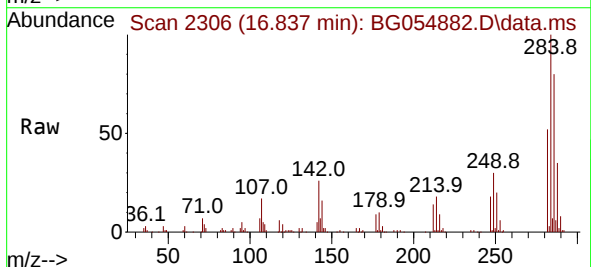
APPROVED

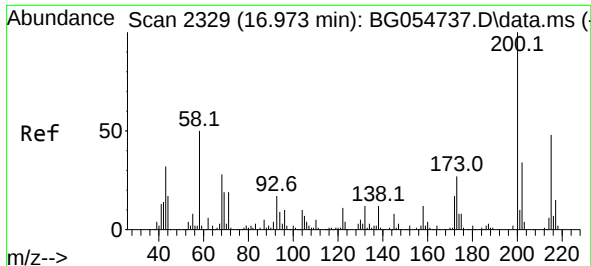
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#68
Hexachlorobenzene
Concen: 42.743 ng
RT: 16.837 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:284 Resp: 157876
Ion Ratio Lower Upper
284 100
142 26.2 25.0 37.6
249 30.3 24.5 36.7





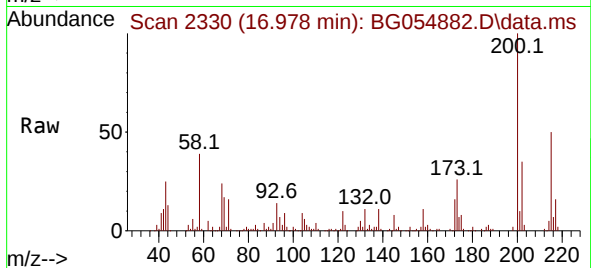
#69
 Atrazine
 Concen: 45.357 ng
 RT: 16.978 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

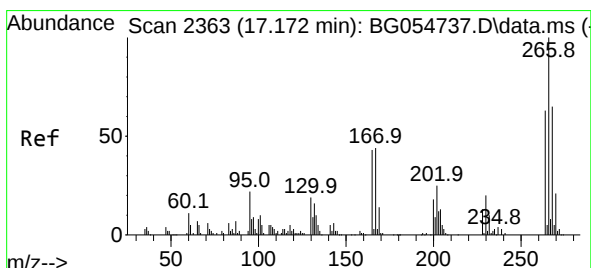
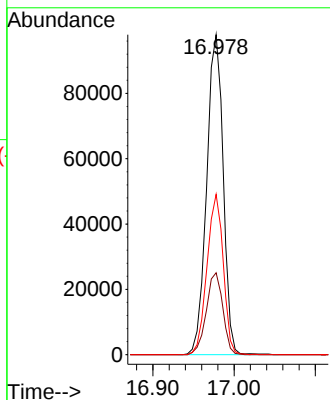
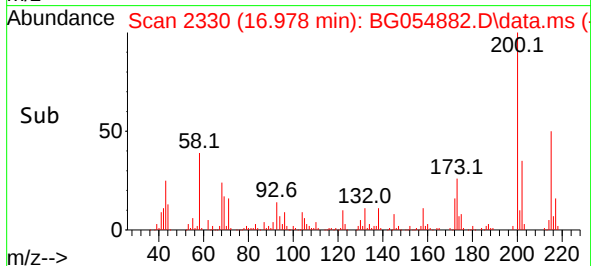


Tgt Ion:200 Resp: 13809
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.6 45.6
 215 50.1 28.2 68.2

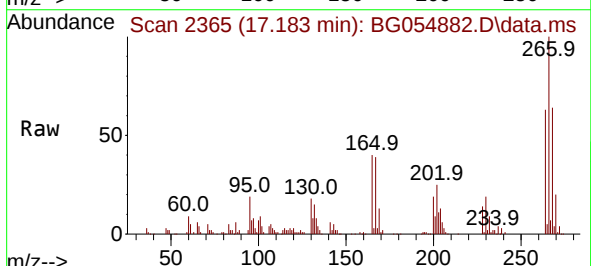
Manual Integrations

APPROVED

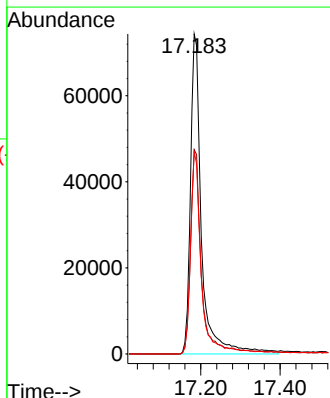
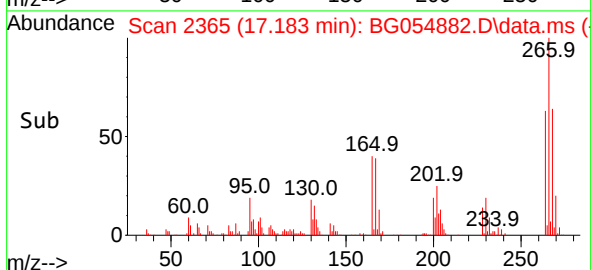
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022

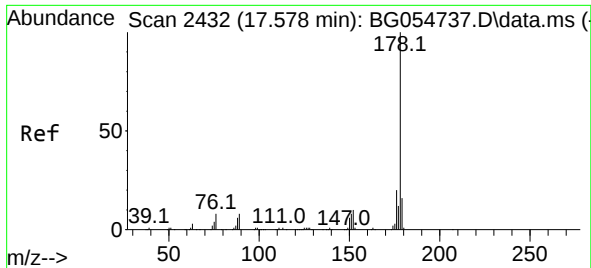


#70
 Pentachlorophenol
 Concen: 71.901 ng
 RT: 17.183 min Scan# 2365
 Delta R.T. -0.005 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58



Tgt Ion:266 Resp: 144296
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 63.0 49.4 74.0





#71
Phenanthrene
Concen: 39.062 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

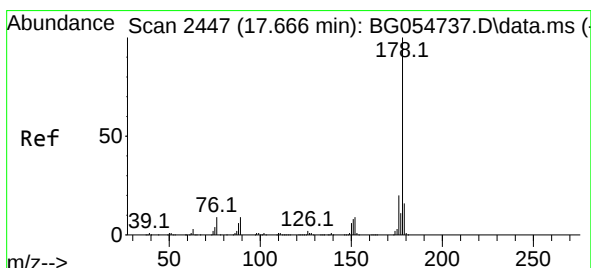
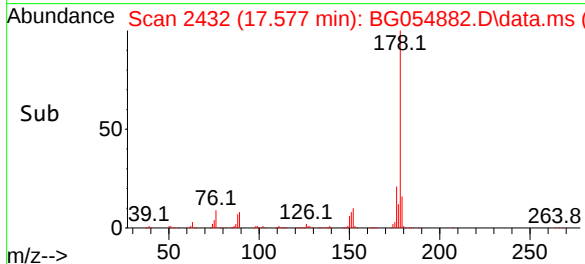
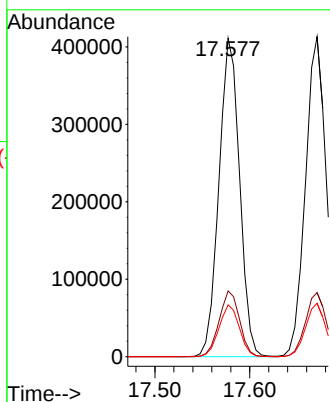
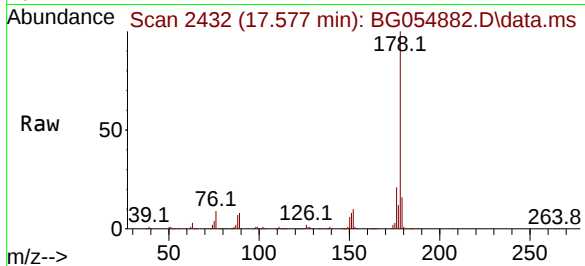
PB147503BS

Tgt Ion:178 Resp: 622720
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.3 12.8 19.2

Manual Integrations

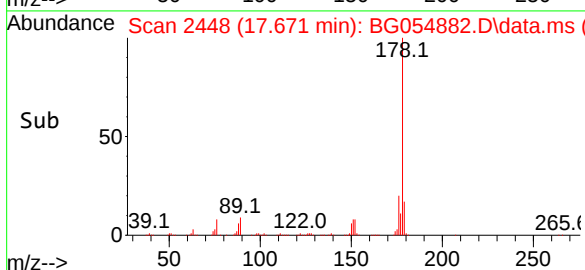
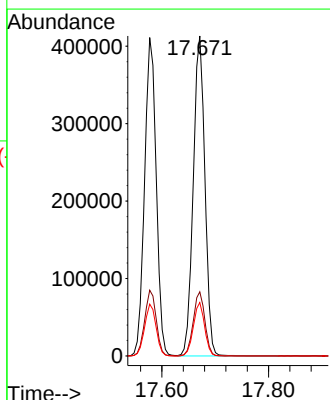
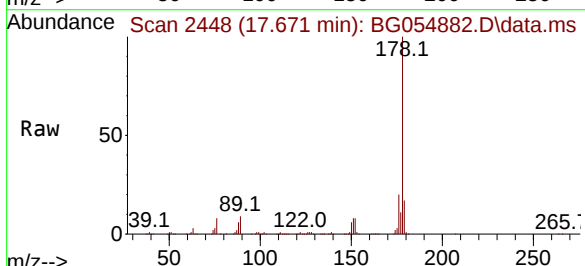
APPROVED

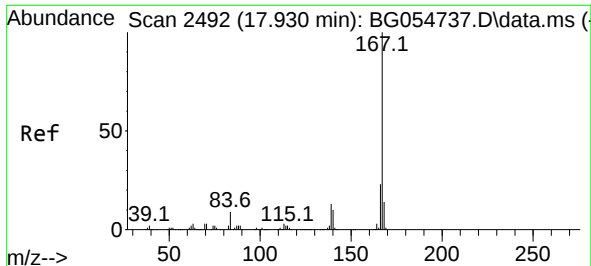
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#72
Anthracene
Concen: 40.589 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

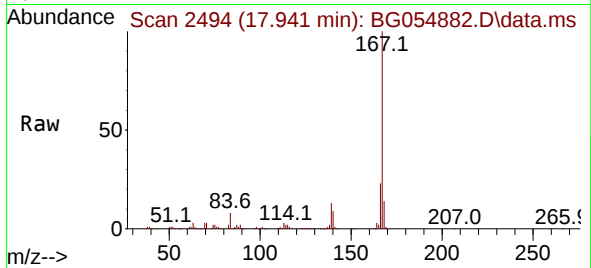
Tgt Ion:178 Resp: 629106
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.7 12.9 19.3





#73
Carbazole
Concen: 41.436 ng
RT: 17.941 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

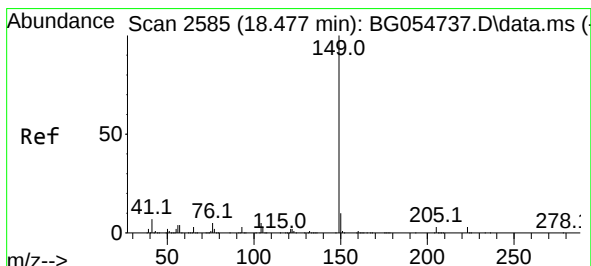
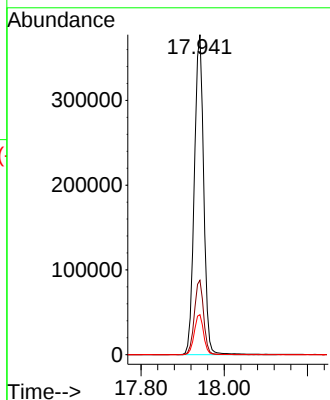
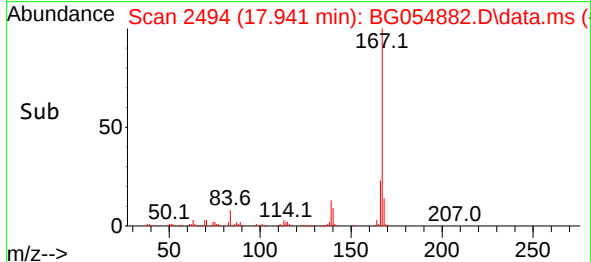
Instrument :
BNA_G
ClientSampleId :
PB147503BS



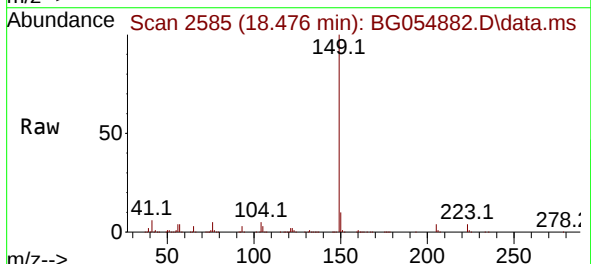
Tgt Ion:167 Resp: 591709
Ion Ratio Lower Upper
167 100
166 23.3 18.8 28.2
139 12.5 10.2 15.4

Manual Integrations
APPROVED

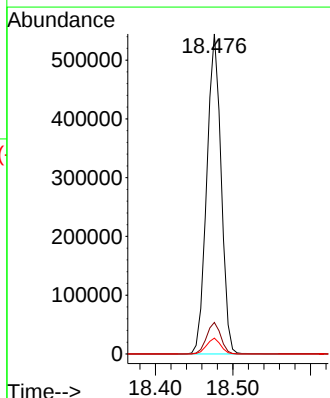
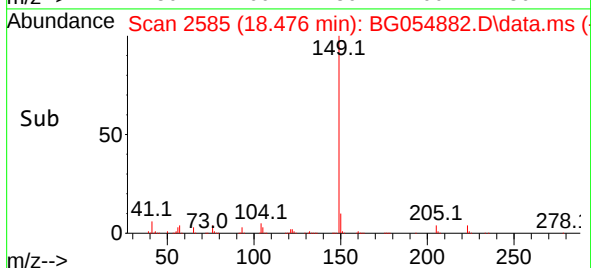
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

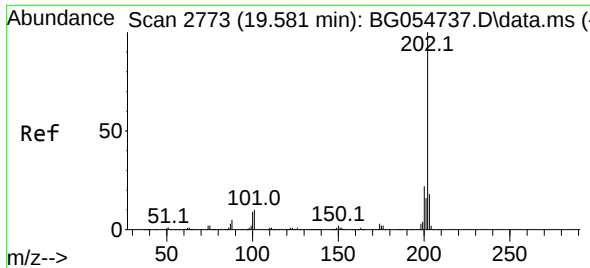


#74
Di-n-butylphthalate
Concen: 38.649 ng
RT: 18.476 min Scan# 2585
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



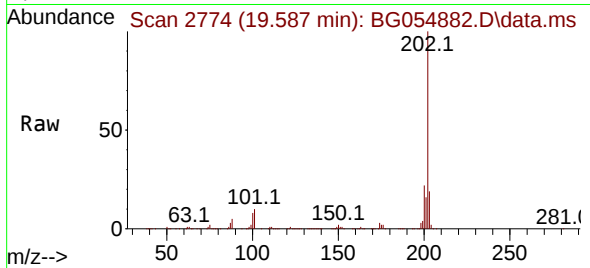
Tgt Ion:149 Resp: 698386
Ion Ratio Lower Upper
149 100
150 9.9 8.0 12.0
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 40.076 ng
RT: 19.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

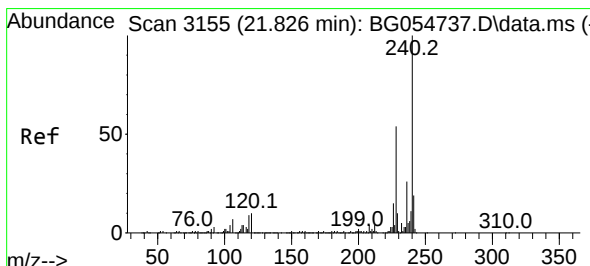
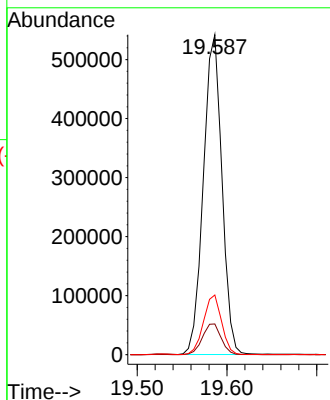
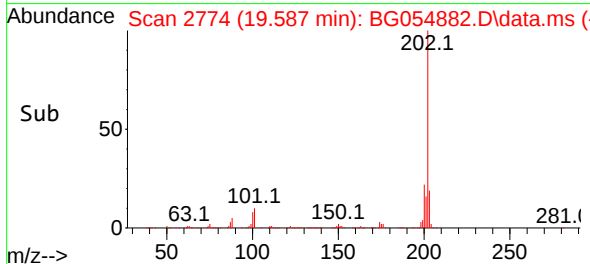
Instrument :
BNA_G
ClientSampleId :
PB147503BS



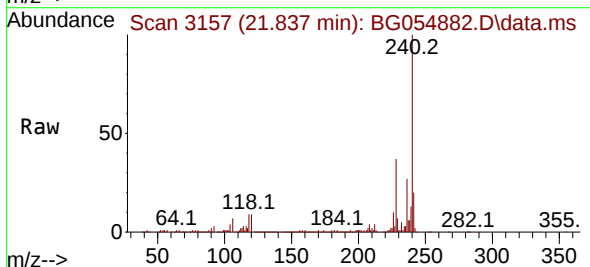
Tgt Ion:202 Resp: 77721
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 18.6 0.0 38.6

Manual Integrations
APPROVED

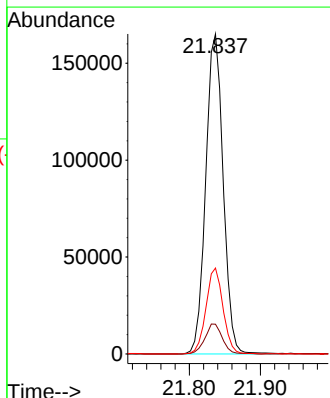
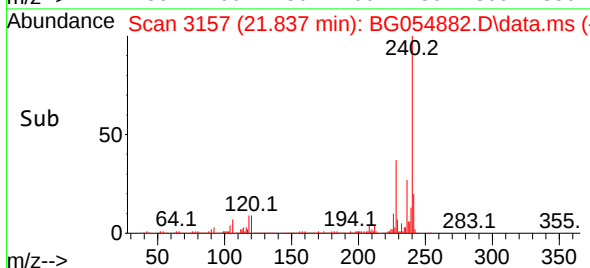
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

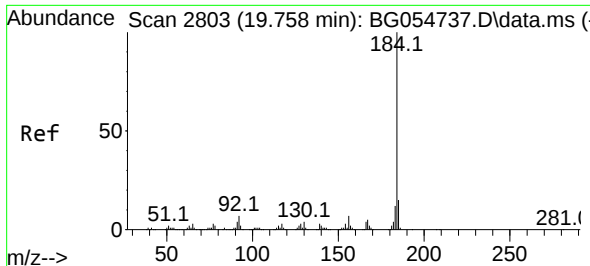


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



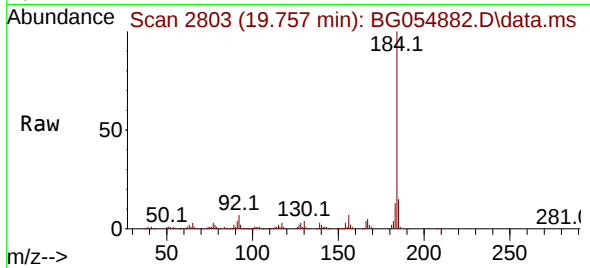
Tgt Ion:240 Resp: 281834
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 26.8 21.2 31.8





#77
Benzidine
Concen: 65.096 ng
RT: 19.757 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

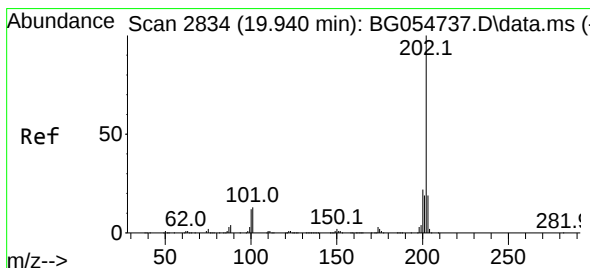
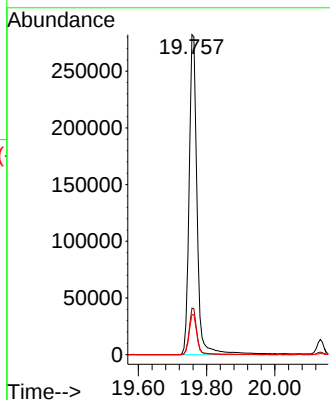
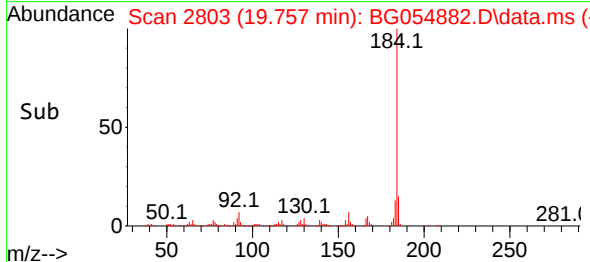
Instrument :
BNA_G
ClientSampleId :
PB147503BS



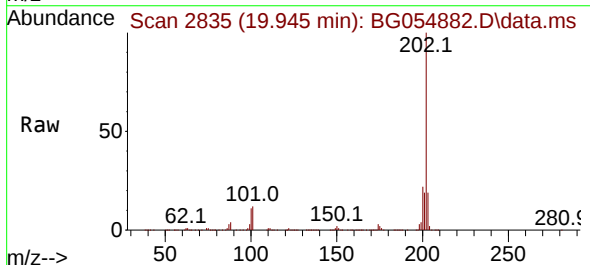
Tgt Ion:184 Resp: 454414
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 12.6 9.8 14.8

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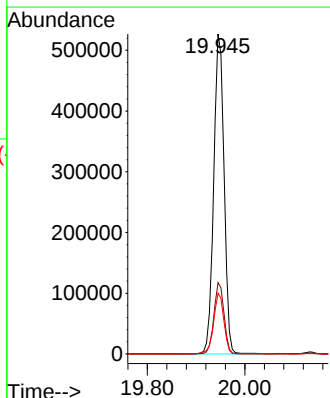
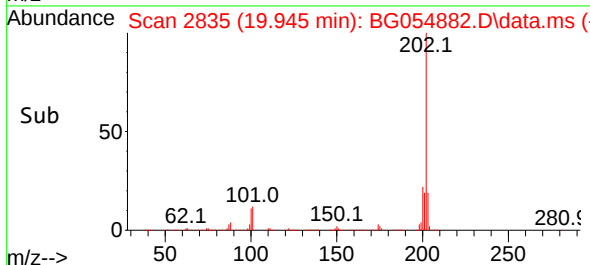
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

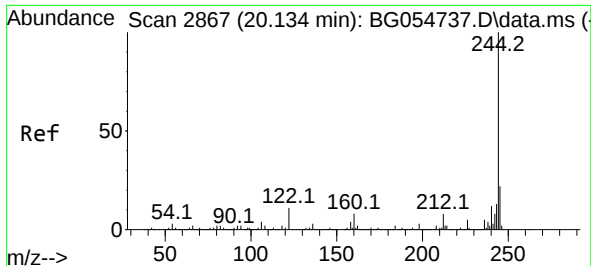


#78
Pyrene
Concen: 39.503 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:202 Resp: 776308
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 19.0 14.6 21.8





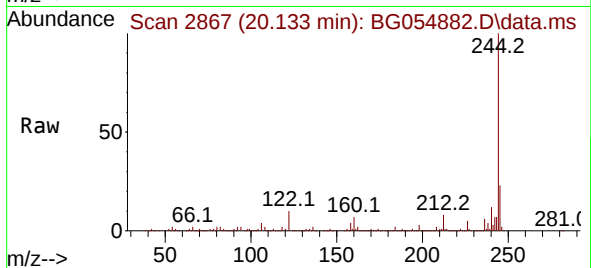
#79
 Terphenyl-d14
 Concen: 80.728 ng
 RT: 20.133 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

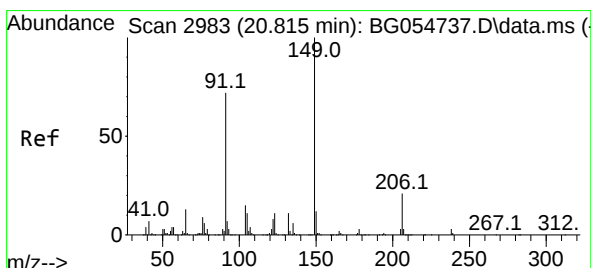
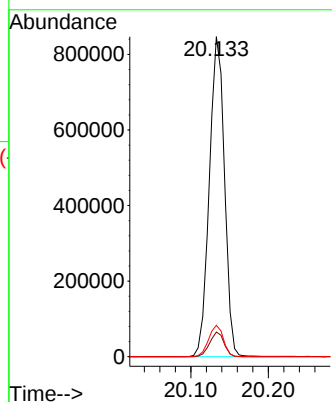
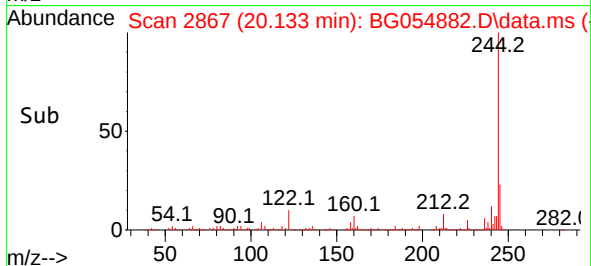


Tgt Ion:244 Resp: 1148284
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.8 9.0 13.6

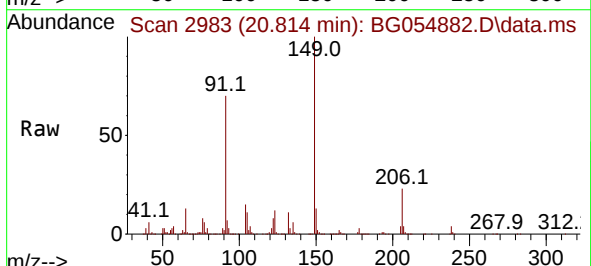
Manual Integrations

APPROVED

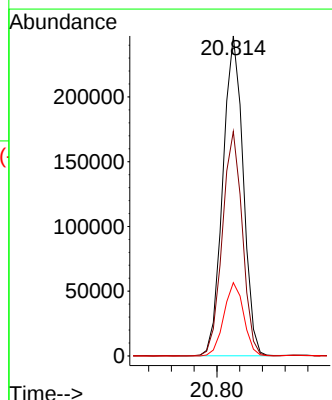
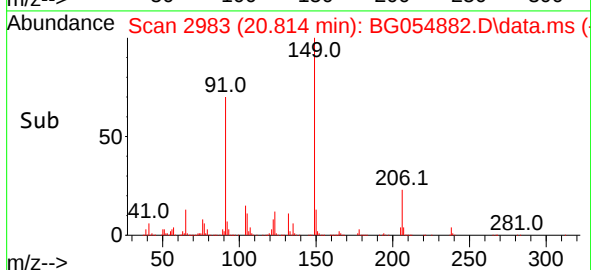
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022

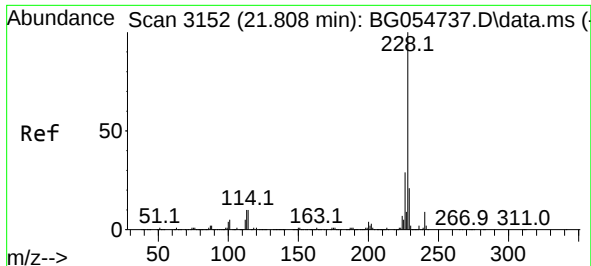


#80
 Butylbenzylphthalate
 Concen: 37.413 ng
 RT: 20.814 min Scan# 2983
 Delta R.T. 0.000 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58



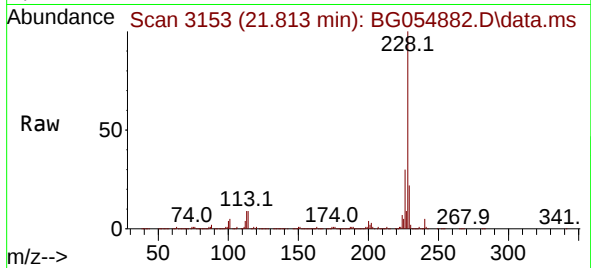
Tgt Ion:149 Resp: 306679
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.5 89.3
 206 22.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 39.205 ng
RT: 21.813 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

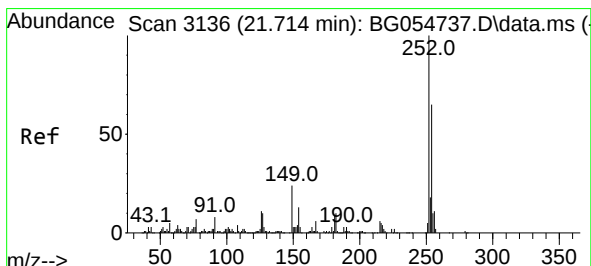
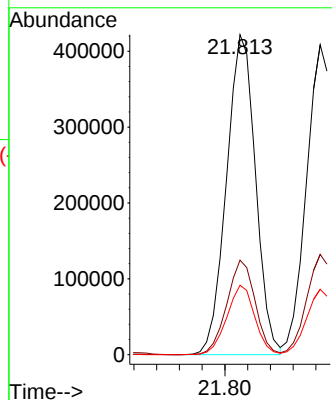
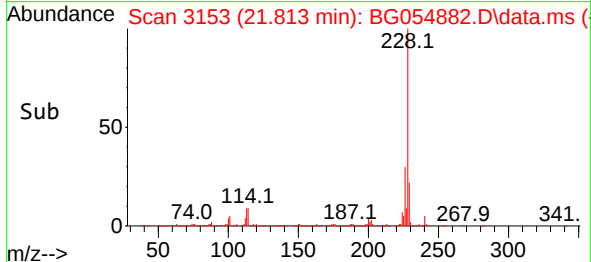
Instrument :
BNA_G
ClientSampleId :
PB147503BS



Tgt Ion:228 Resp: 74916
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.7 16.5 24.7

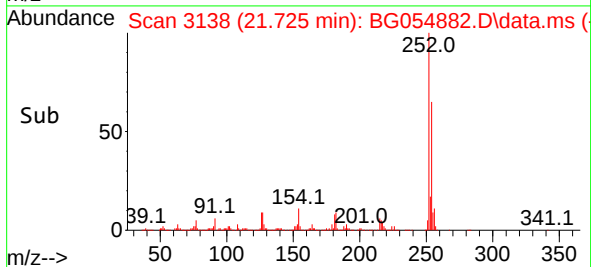
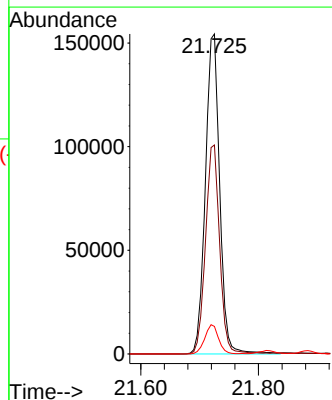
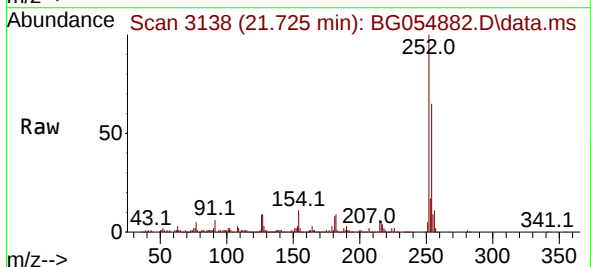
Manual Integrations
APPROVED

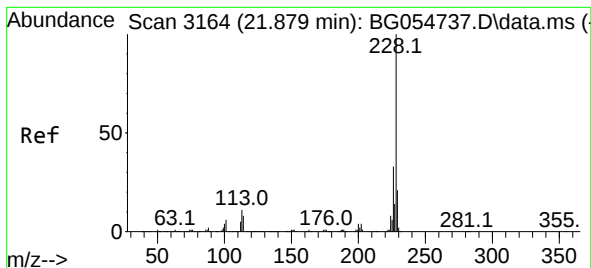
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.881 ng
RT: 21.725 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

Tgt Ion:252 Resp: 260496
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 8.6 8.2 12.2





#83

Chrysene

Concen: 38.581 ng

RT: 21.884 min Scan# 3165

Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

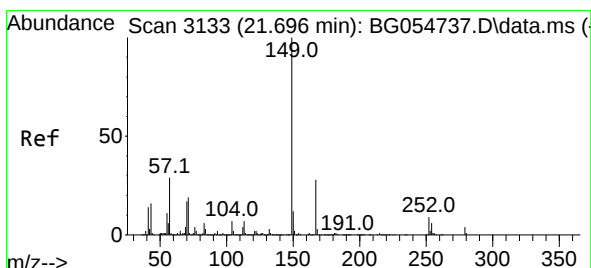
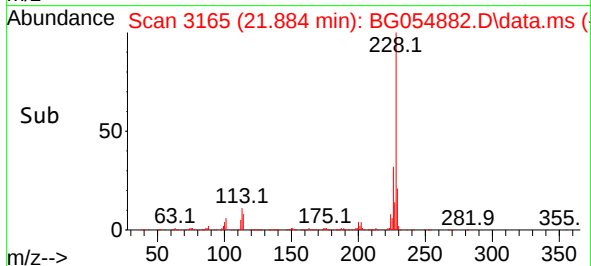
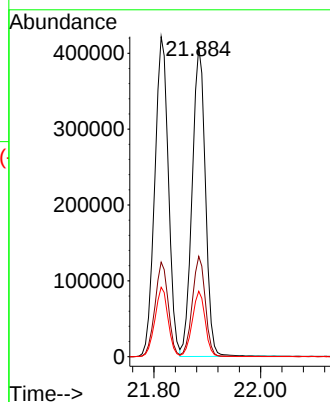
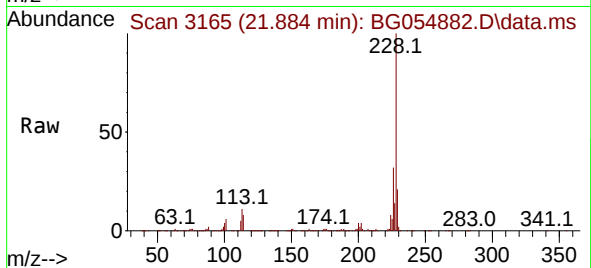
PB147503BS

Tgt Ion:228 Resp: 704920
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.5 38.3
 229 21.1 16.8 25.2

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.392 ng

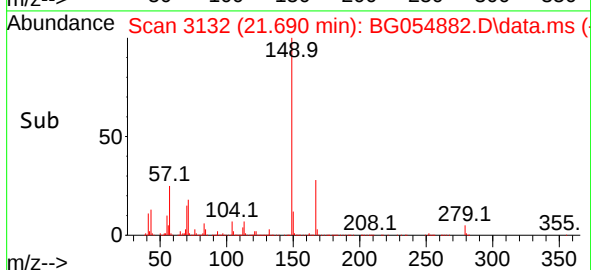
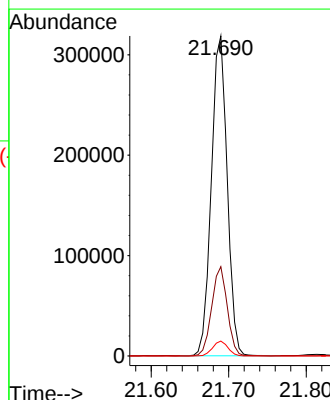
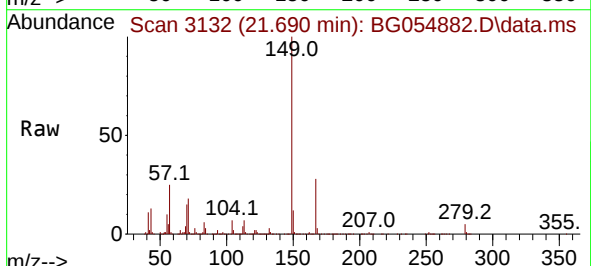
RT: 21.690 min Scan# 3132

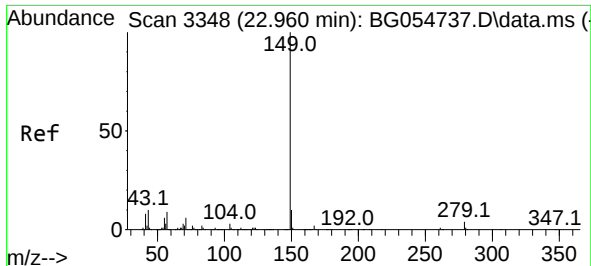
Delta R.T. 0.000 min

Lab File: BG054882.D

Acq: 8 Sep 2022 12:58

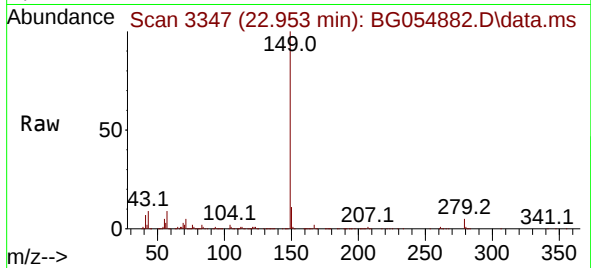
Tgt Ion:149 Resp: 453415
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.4 32.0
 279 4.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 38.287 ng
RT: 22.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

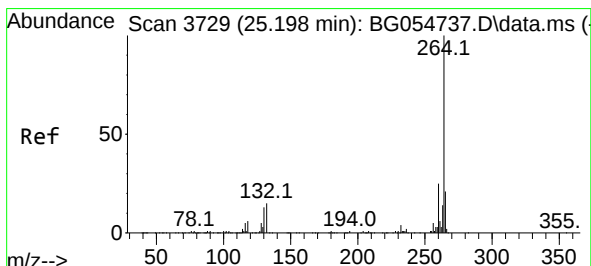
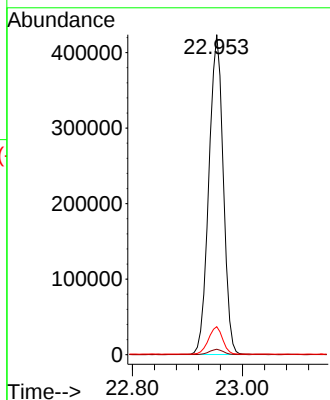
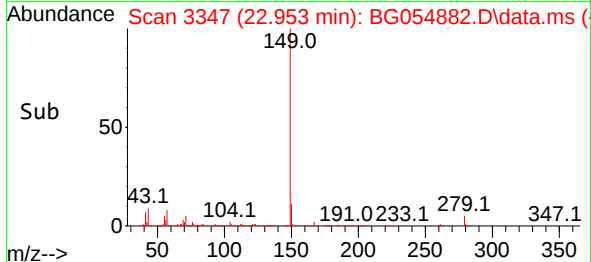
Instrument :
BNA_G
ClientSampleId :
PB147503BS



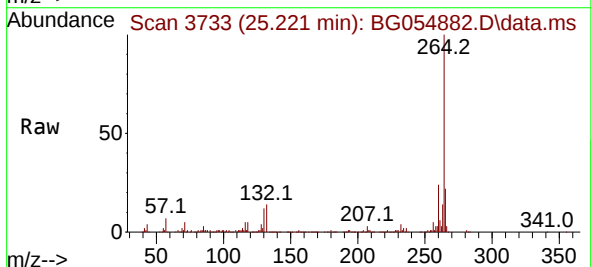
Tgt Ion:149 Resp: 766828
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 8.4 9.0 13.6

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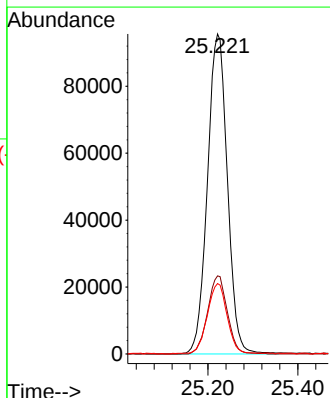
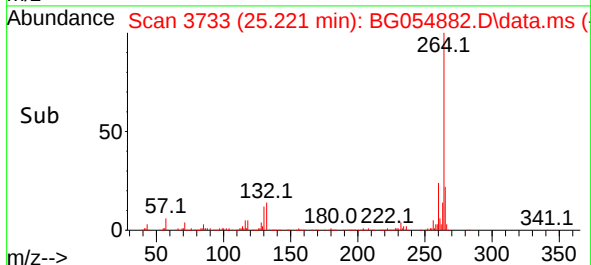
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

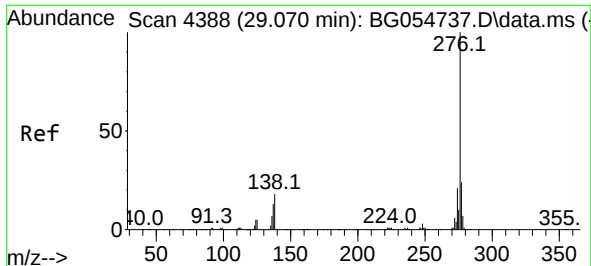


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.221 min Scan# 3733
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:264 Resp: 294763
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 22.0 16.9 25.3





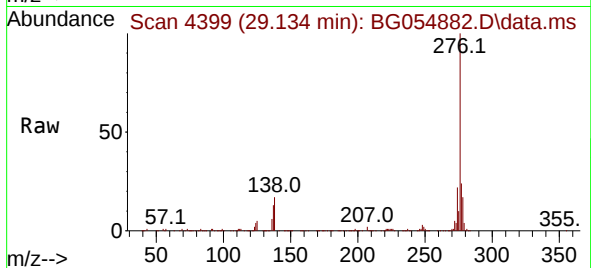
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.452 ng
 RT: 29.134 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58

Instrument :

BNA_G

ClientSampleId :

PB147503BS

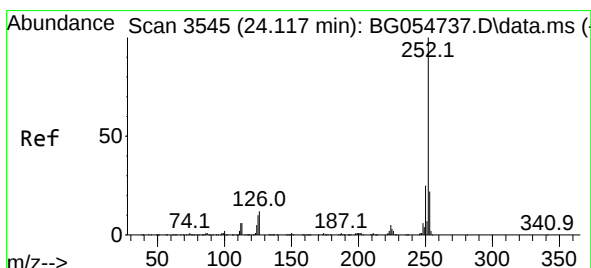
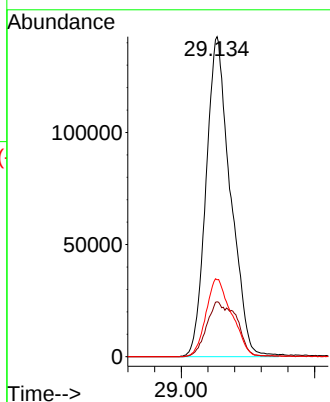
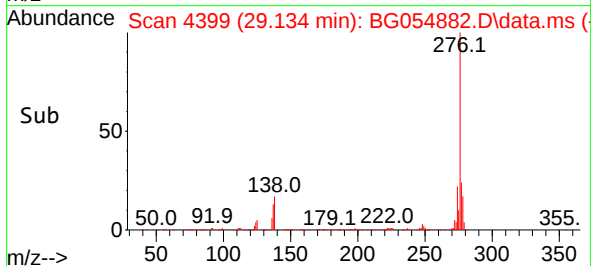


Tgt Ion:276 Resp: 905208
 Ion Ratio Lower Upper
 276 100
 138 21.1 12.0 18.0
 277 25.8 20.2 30.4

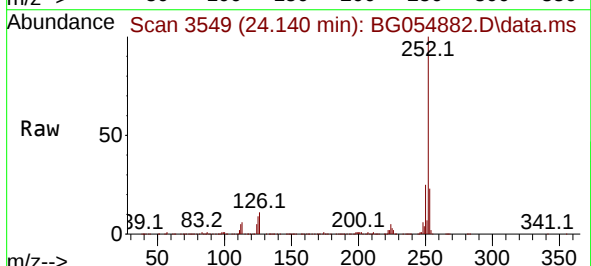
Manual Integrations

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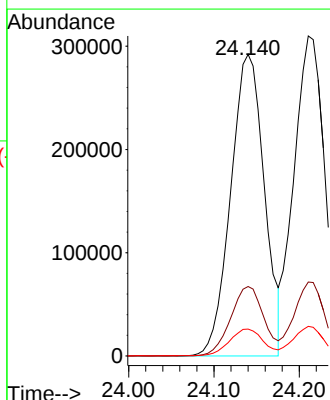
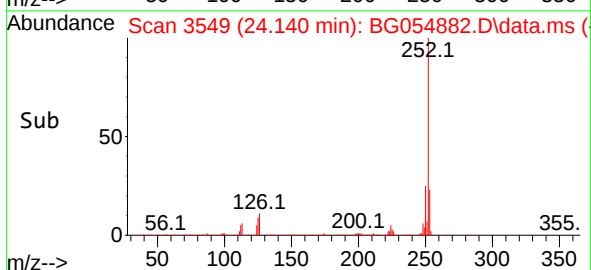
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022



#88
 Benzo(b)fluoranthene
 Concen: 43.278 ng
 RT: 24.140 min Scan# 3549
 Delta R.T. 0.000 min
 Lab File: BG054882.D
 Acq: 8 Sep 2022 12:58



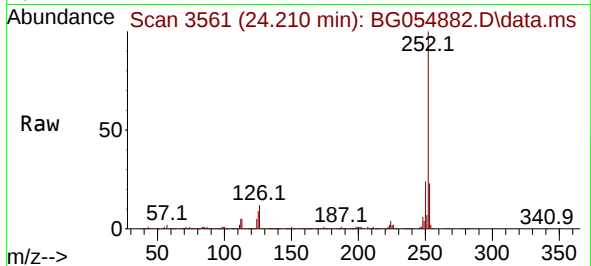
Tgt Ion:252 Resp: 800246
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 8.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 41.998 ng
RT: 24.210 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

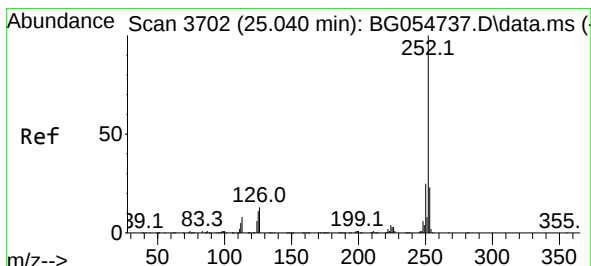
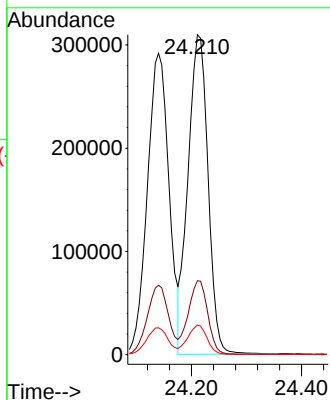
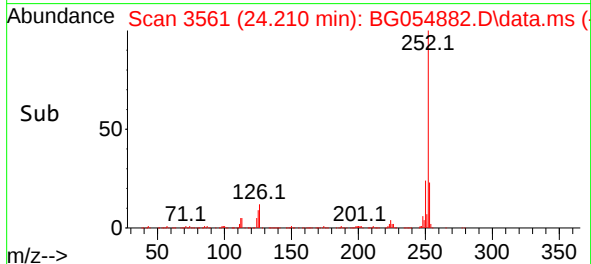
Instrument :
BNA_G
ClientSampleId :
PB147503BS



Tgt Ion:252 Resp: 78154
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.3 8.2 12.4

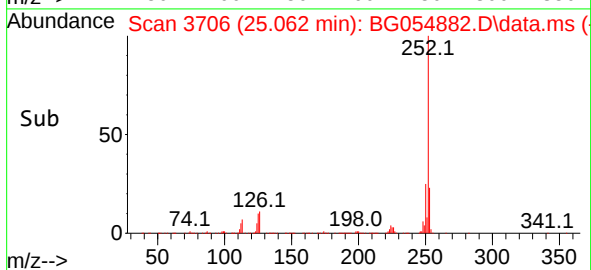
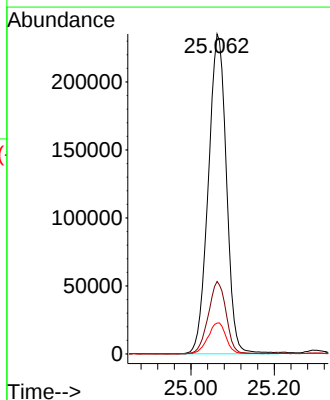
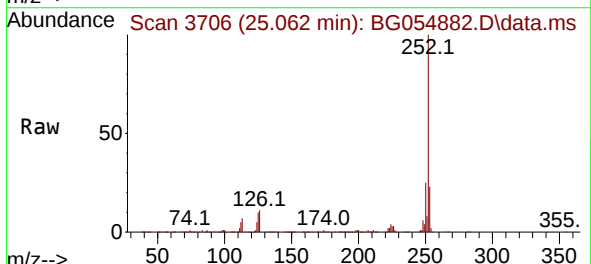
Manual Integrations
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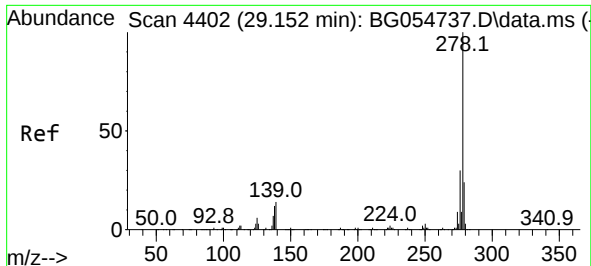
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#90
Benzo(a)pyrene
Concen: 44.894 ng
RT: 25.062 min Scan# 3706
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

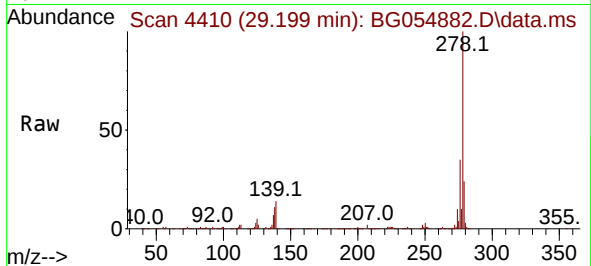
Tgt Ion:252 Resp: 709227
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 9.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 43.197 ng
RT: 29.199 min Scan# 4402
Delta R.T. -0.005 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58

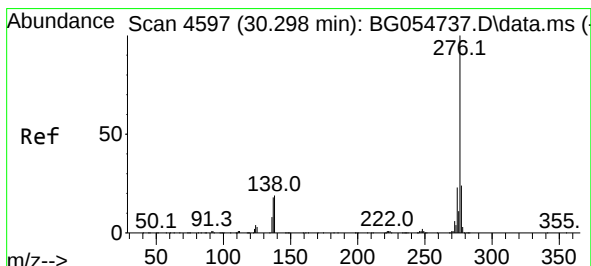
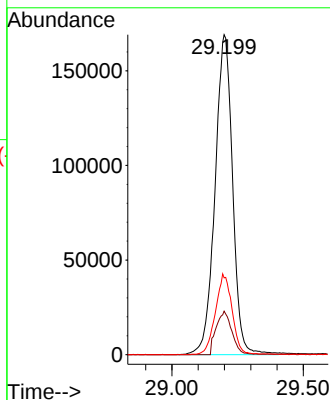
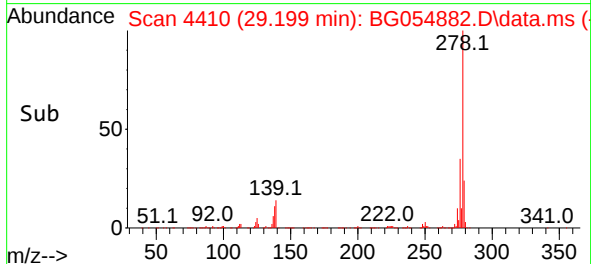
Instrument :
BNA_G
ClientSampleId :
PB147503BS



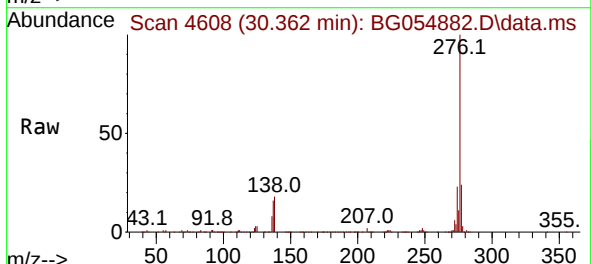
Tgt Ion:278 Resp: 787515
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 24.0 19.3 28.9

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



#92
Benzo(g,h,i)perylene
Concen: 42.455 ng
RT: 30.362 min Scan# 4608
Delta R.T. 0.000 min
Lab File: BG054882.D
Acq: 8 Sep 2022 12:58



Tgt Ion:276 Resp: 781903
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 17.8 16.6 25.0

