

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054724.D
 Acq On : 24 Aug 2022 17:42
 Operator : CG/JU
 Sample : N4261-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:09:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	42578	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	185220	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	135648	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	319455	20.000	ng	0.00
76) Chrysene-d12	21.837	240	280266	20.000	ng	0.01
86) Perylene-d12	25.209	264	295413	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	330056	146.076	ng	0.00
7) Phenol-d6	7.307	99	428080	135.212	ng	0.00
23) Nitrobenzene-d5	9.334	82	299289	92.086	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	240577	221.459	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	713960	77.619	ng	0.00
79) Terphenyl-d14	20.139	244	1256584	89.064	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.552	88	44034	37.905	ng	Qvalue
3) Pyridine	3.958	79	108454	33.345	ng	# 25
4) n-Nitrosodimethylamine	3.864	42	64066	44.965	ng	# 95
6) Aniline	7.477	93	133768	33.866	ng	99
8) 2-Chlorophenol	7.718	128	138654	57.616	ng	98
9) Benzaldehyde	7.289	77	75596	34.537	ng	100
10) Phenol	7.330	94	159232	48.555	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	131479	46.906	ng	99
12) 1,3-Dichlorobenzene	8.047	146	135669	43.918	ng	98
13) 1,4-Dichlorobenzene	8.194	146	138286	44.421	ng	99
14) 1,2-Dichlorobenzene	8.517	146	136014	46.328	ng	98
15) Benzyl Alcohol	8.394	79	131116m	59.428	ng	
16) 2,2'-oxybis(1-Chloropr...	8.682	45	217715	50.060	ng	98
17) 2-Methylphenol	8.593	107	123489	55.852	ng	99
18) Hexachloroethane	9.252	117	49560	48.205	ng	98
19) n-Nitroso-di-n-propyla...	8.964	70	115911	52.036	ng	98
20) 3+4-Methylphenols	8.922	107	166357	56.362	ng	96
22) Acetophenone	8.987	105	212453	45.544	ng	99
24) Nitrobenzene	9.375	77	159904	47.855	ng	99
25) Isophorone	9.898	82	330353	53.330	ng	100
26) 2-Nitrophenol	10.086	139	75602	64.596	ng	92
27) 2,4-Dimethylphenol	10.139	122	144839m	64.100	ng	
28) bis(2-Chloroethoxy)met...	10.380	93	190603	52.088	ng	100
29) 2,4-Dichlorophenol	10.620	162	144204	59.479	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	138014	42.719	ng	97
31) Naphthalene	11.038	128	430968	43.234	ng	100
32) Benzoic acid	10.215	122	19287m	21.652	ng	
33) 4-Chloroaniline	11.138	127	39534	10.048	ng	99
34) Hexachlorobutadiene	11.308	225	86532	42.426	ng	97
35) Caprolactam	11.913	113	47246m	62.414	ng	
36) 4-Chloro-3-methylphenol	12.248	107	169100	65.637	ng	98
37) 2-Methylnaphthalene	12.630	142	318254	46.473	ng	99
38) 1-Methylnaphthalene	12.847	142	308944	46.649	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	173669	41.469	ng	99
41) Hexachlorocyclopentadiene	12.965	237	174748	100.387	ng	99
43) 2,4,6-Trichlorophenol	13.229	196	129953	59.064	ng	99

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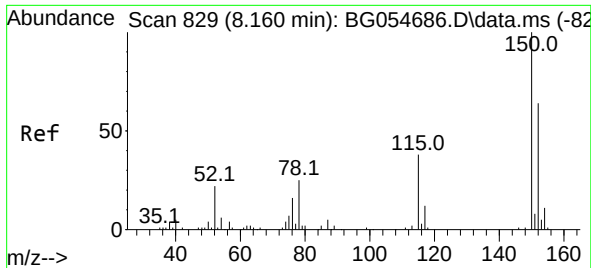
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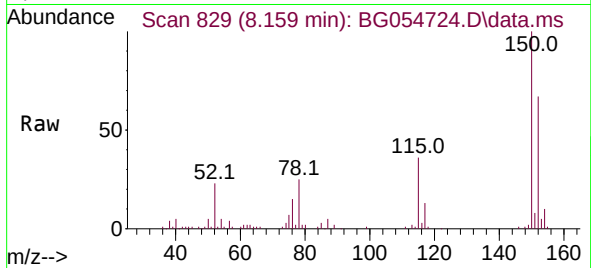
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	142171	57.094	ng	100
46) 1,1'-Biphenyl	13.629	154	449236	43.768	ng	99
47) 2-Chloronaphthalene	13.676	162	332826	42.508	ng	100
48) 2-Nitroaniline	13.870	65	118957	60.490	ng	96
49) Acenaphthylene	14.516	152	572105	44.953	ng	100
50) Dimethylphthalate	14.240	163	472110	51.686	ng	99
51) 2,6-Dinitrotoluene	14.363	165	102257	61.553	ng	90
52) Acenaphthene	14.857	154	356396	45.676	ng	99
53) 3-Nitroaniline	14.692	138	71738	37.447	ng	96
54) 2,4-Dinitrophenol	14.892	184	28809	48.622	ng	93
55) Dibenzofuran	15.186	168	543152	45.934	ng	98
56) 4-Nitrophenol	14.986	139	164407	115.460	ng	99
57) 2,4-Dinitrotoluene	15.145	165	146581	58.046	ng	91
58) Fluorene	15.838	166	460655	47.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	130048	62.729	ng	96
60) Diethylphthalate	15.597	149	482429	54.145	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	234328	48.408	ng	99
62) 4-Nitroaniline	15.856	138	111606	53.459	ng	98
63) Azobenzene	16.114	77	460688	46.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.903	198	37415	38.342	ng	94
66) n-Nitrosodiphenylamine	16.038	169	418818	46.135	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	162014	52.685	ng	99
68) Hexachlorobenzene	16.837	284	182922	47.144	ng	98
69) Atrazine	16.984	200	160420	59.632	ng	98
70) Pentachlorophenol	17.177	266	141328	66.825	ng	100
71) Phenanthrene	17.577	178	752072	44.167	ng	100
72) Anthracene	17.671	178	764874	46.355	ng	99
73) Carbazole	17.941	167	702384	47.847	ng	100
74) Di-n-butylphthalate	18.482	149	857861	54.777	ng	99
75) Fluoranthene	19.581	202	883800	44.025	ng	99
77) Benzidine	19.757	184	122015	20.051	ng	99
78) Pyrene	19.945	202	897719	45.410	ng	99
80) Butylbenzylphthalate	20.820	149	376931	56.922	ng	98
81) Benzo(a)anthracene	21.813	228	854733	44.904	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	203057	35.303	ng	100
83) Chrysene	21.884	228	805559	44.471	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	549499	54.970	ng	99
85) Di-n-octyl phthalate	22.971	149	914753	62.322	ng	98
87) Indeno(1,2,3-cd)pyrene	29.093	276	1008520	45.750	ng	98
88) Benzo(b)fluoranthene	24.134	252	878138	47.872	ng	99
89) Benzo(k)fluoranthene	24.205	252	879588	46.467	ng	98
90) Benzo(a)pyrene	25.051	252	787182	49.999	ng	99
91) Dibenzo(a,h)anthracene	29.175	278	871115	48.103	ng	100
92) Benzo(g,h,i)perylene	30.321	276	867380	48.993	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

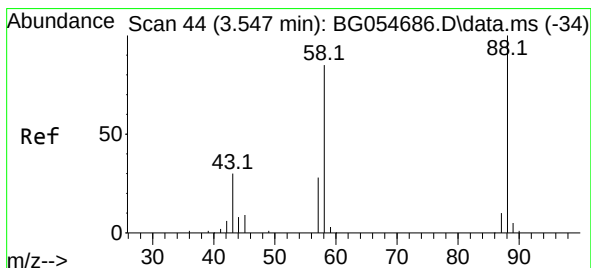
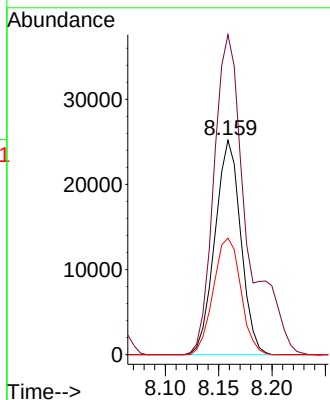
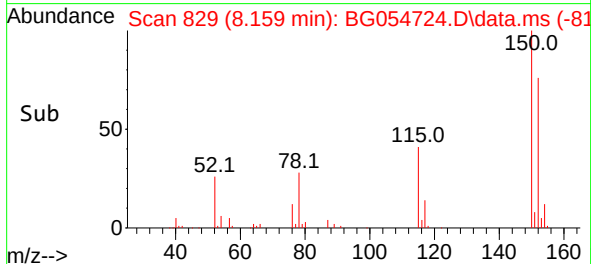
Instrument :
BNA_G
ClientSampleId :
C5MSD



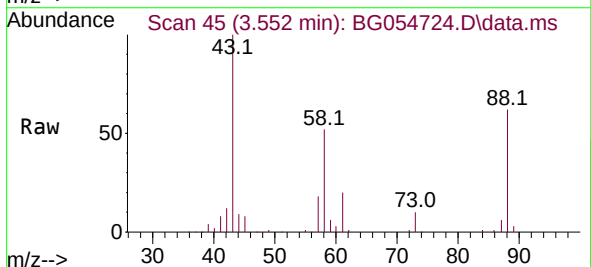
Tgt Ion:152 Resp: 42578
Ion Ratio Lower Upper
152 100
150 149.3 125.2 187.8
115 54.3 47.9 71.9

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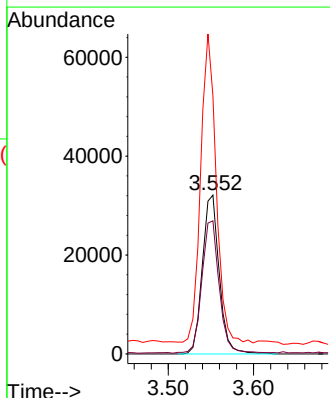
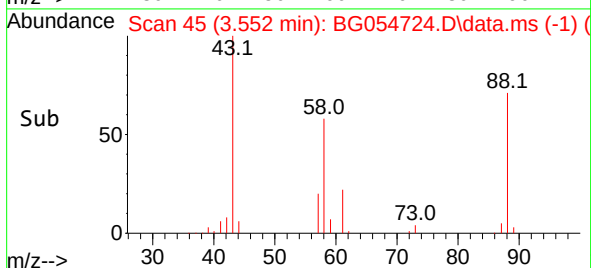
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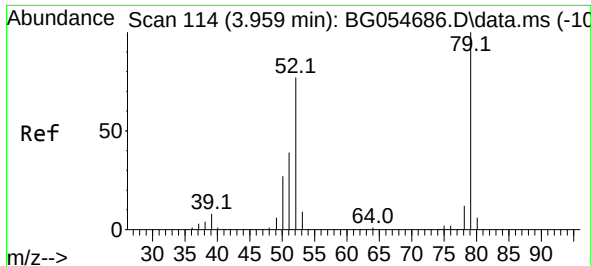


#2
1,4-Dioxane
Concen: 37.905 ng
RT: 3.552 min Scan# 45
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



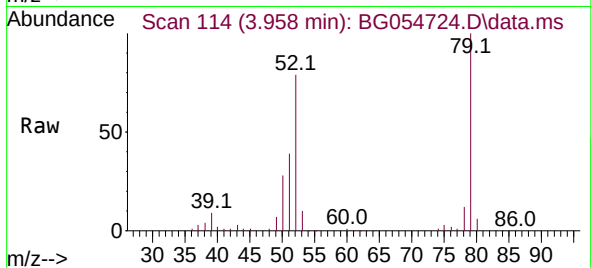
Tgt Ion: 88 Resp: 44034
Ion Ratio Lower Upper
88 100
58 85.4 65.9 98.9
43 178.4 22.7 34.1#





#3
Pyridine
Concen: 33.345 ng
RT: 3.958 min Scan# 114
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

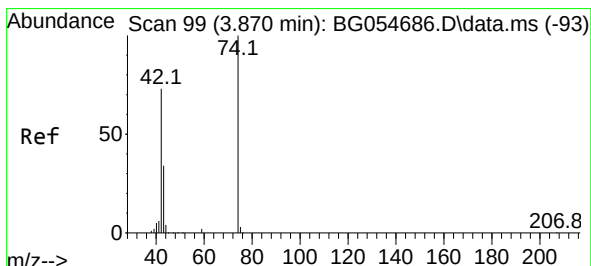
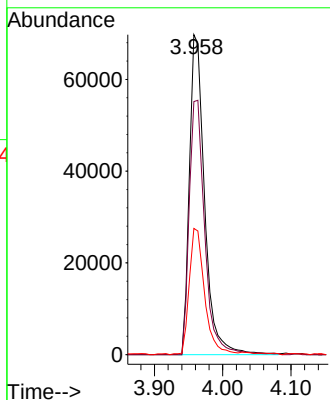
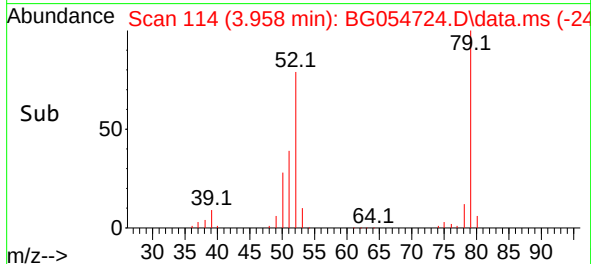
Instrument :
BNA_G
ClientSampleId :
C5MSD



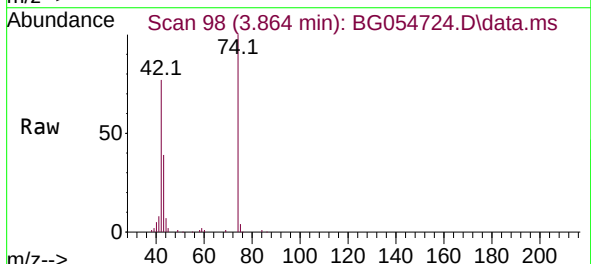
Tgt Ion: 79 Resp: 108454
Ion Ratio Lower Upper
79 100
52 79.1 61.4 92.0
51 39.4 31.4 47.0

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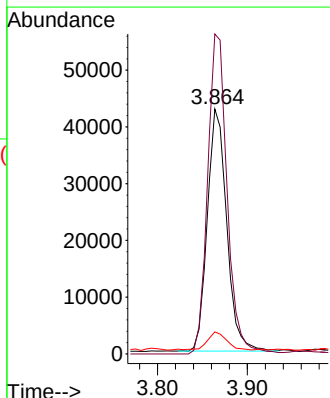
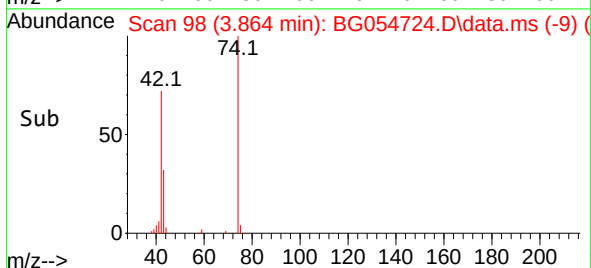
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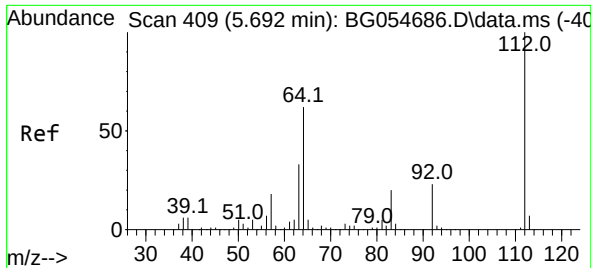


#4
n-Nitrosodimethylamine
Concen: 44.965 ng
RT: 3.864 min Scan# 98
Delta R.T. -0.007 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



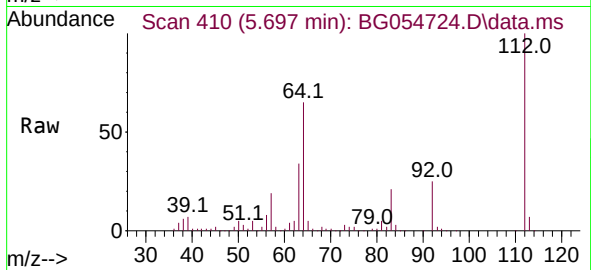
Tgt Ion: 42 Resp: 64066
Ion Ratio Lower Upper
42 100
74 130.7 109.6 164.4
44 9.0 5.5 8.3





#5
2-Fluorophenol
Concen: 146.076 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

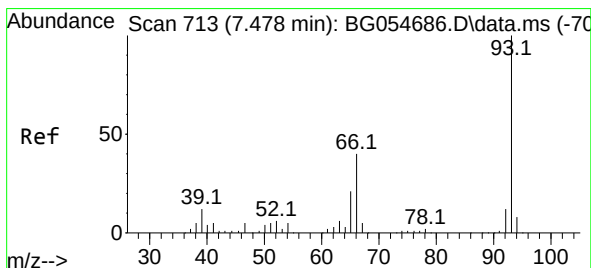
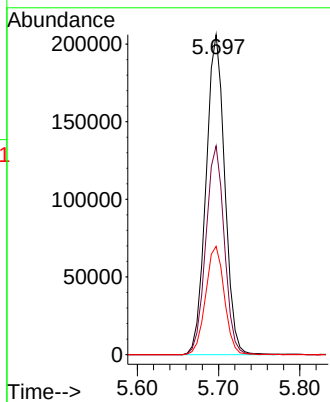
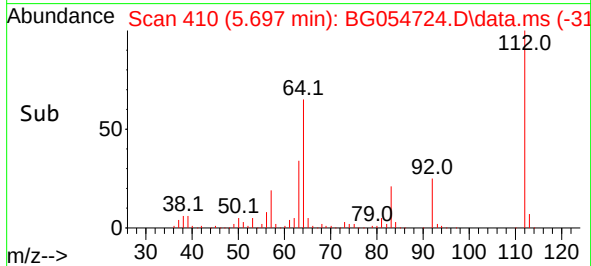
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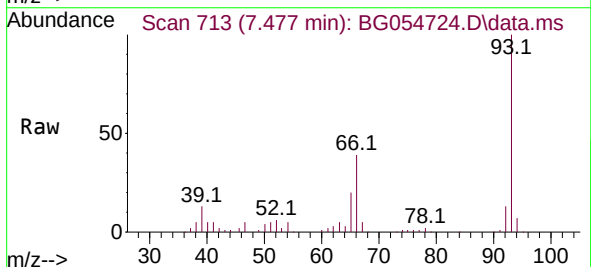
Tgt Ion:112 Resp: 330056
Ion Ratio Lower Upper
112 100
64 65.2 49.3 73.9
63 33.8 26.3 39.5

Manual Integrations
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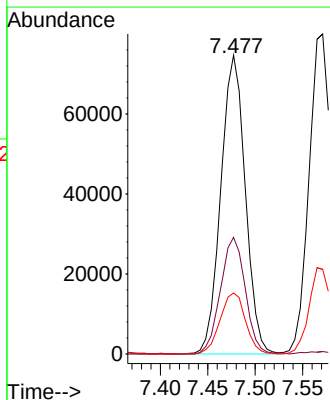
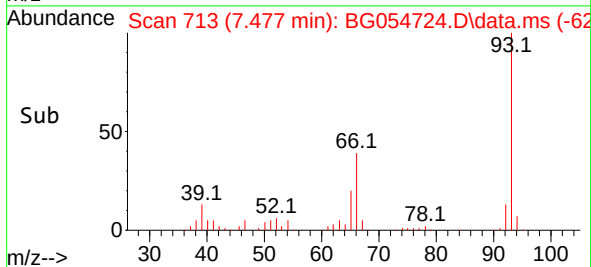
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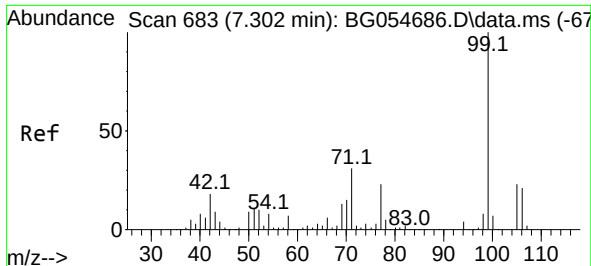


#6
Aniline
Concen: 33.866 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion: 93 Resp: 133768
Ion Ratio Lower Upper
93 100
66 39.0 31.8 47.8
65 20.4 16.6 25.0





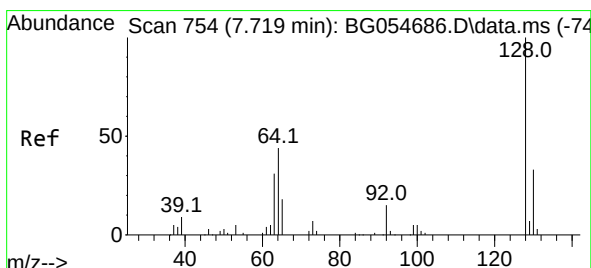
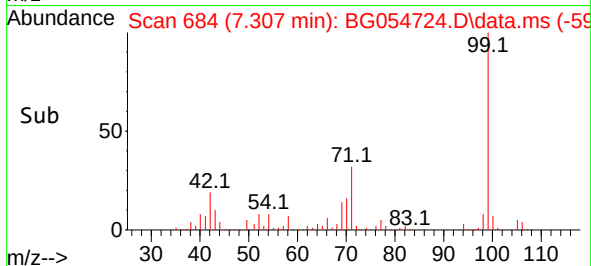
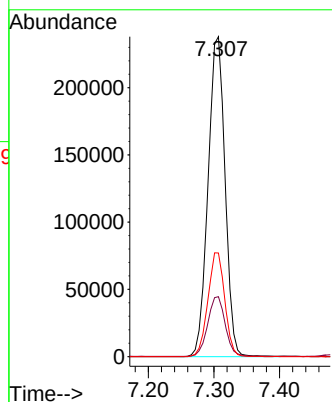
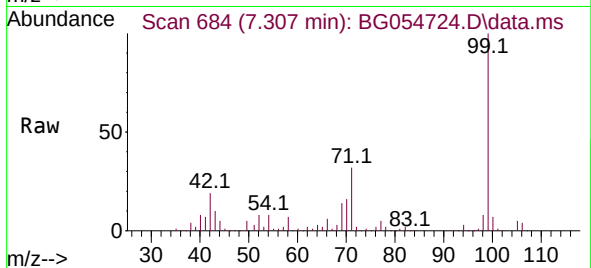
#7
Phenol-d6
Concen: 135.212 ng
RT: 7.307 min Scan# 683
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :
BNA_G
ClientSampleId :
C5MSD

Tgt Ion: 99 Resp: 428080
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 32.4 24.6 37.0

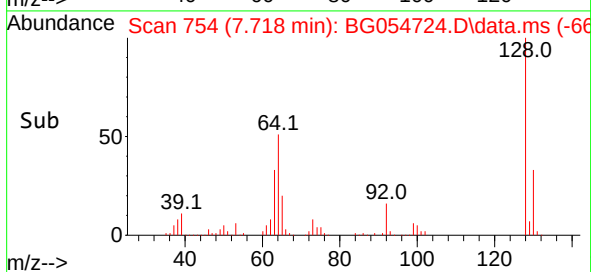
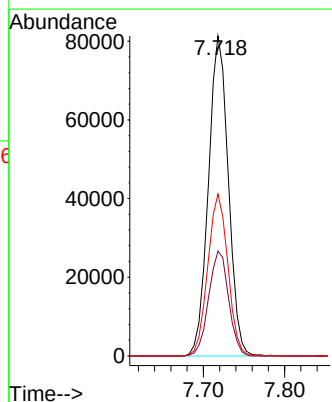
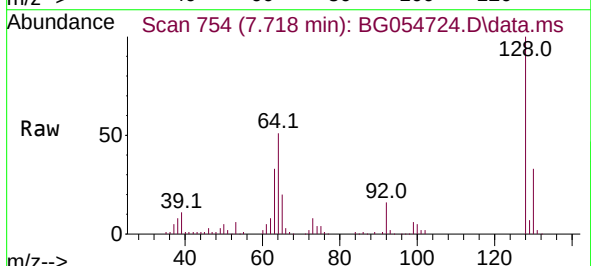
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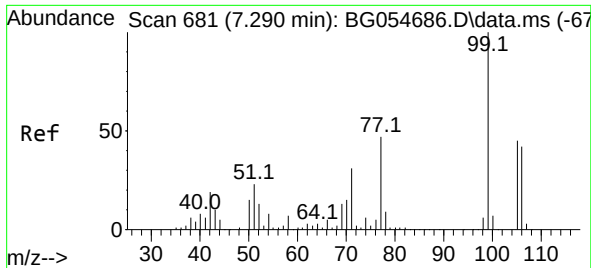
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#8
2-Chlorophenol
Concen: 57.616 ng
RT: 7.718 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:128 Resp: 138654
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 50.6 28.6 68.6





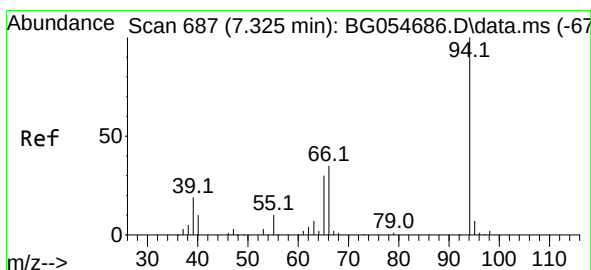
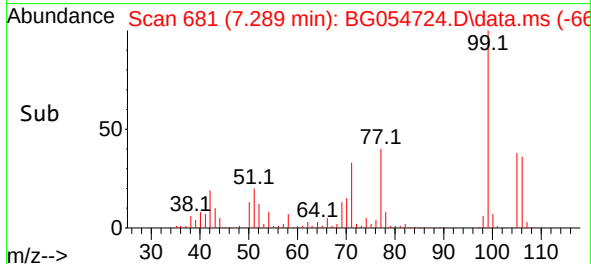
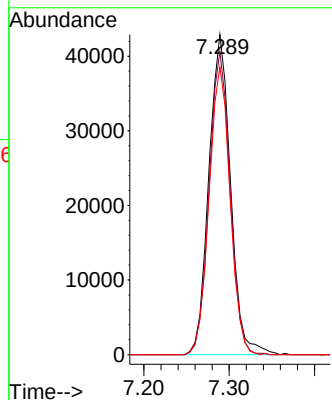
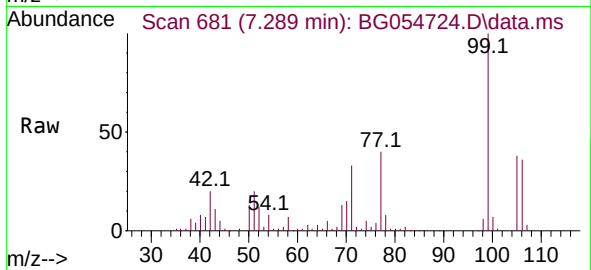
#9
Benzaldehyde
Concen: 34.537 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :
BNA_G
ClientSampleId :
C5MSD

Tgt Ion: 77 Resp: 75596
Ion Ratio Lower Upper
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105 94.7 75.3 115.3
106 89.9 70.2 110.2

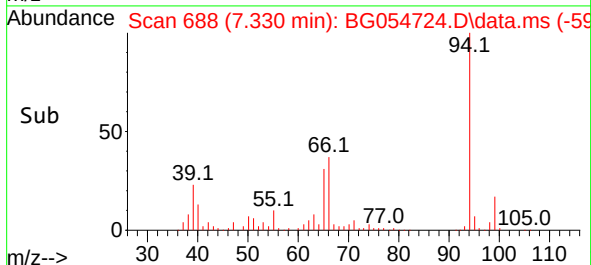
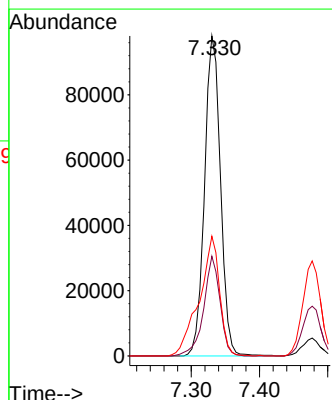
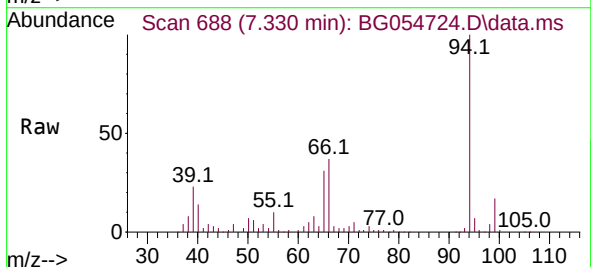
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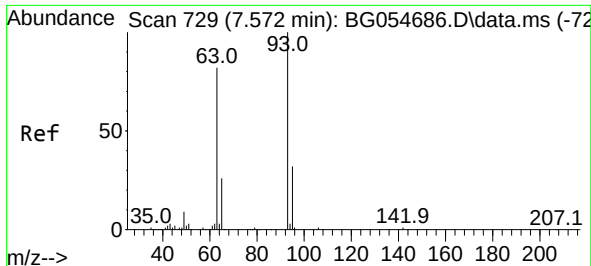
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#10
Phenol
Concen: 48.555 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion: 94 Resp: 159232
Ion Ratio Lower Upper
94 100
65 31.1 9.9 49.9
66 37.4 16.4 56.4





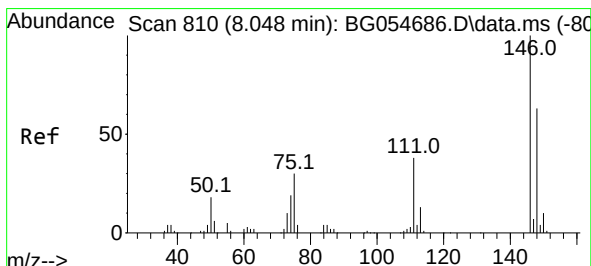
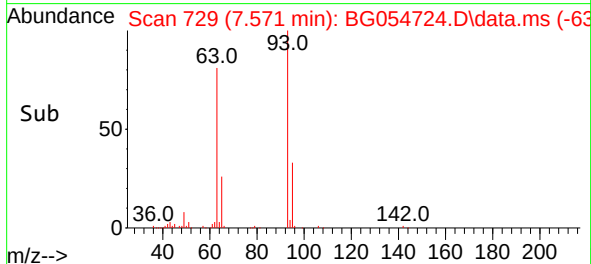
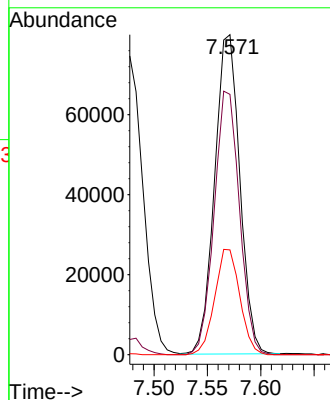
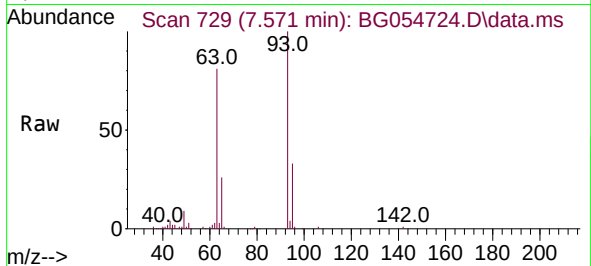
#11
bis(2-Chloroethyl)ether
Concen: 46.906 ng
RT: 7.571 min Scan# 729
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :
BNA_G
ClientSampleId :
C5MSD

Tgt Ion: 93 Resp: 131479
Ion Ratio Lower Upper
93 100
63 81.3 62.1 102.1
95 32.7 12.1 52.1

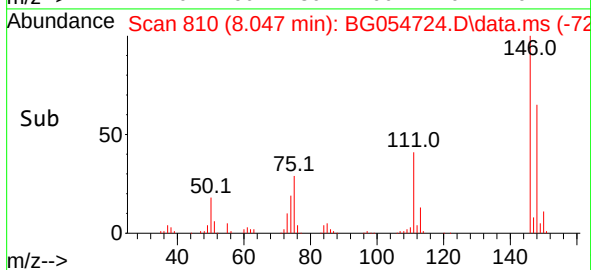
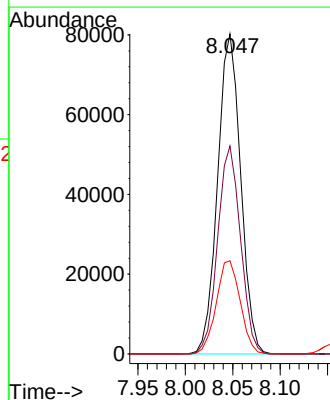
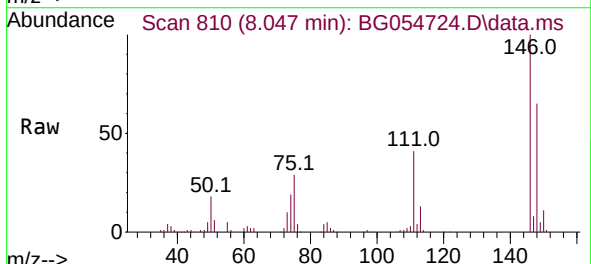
Manual Integrations
APPROVED

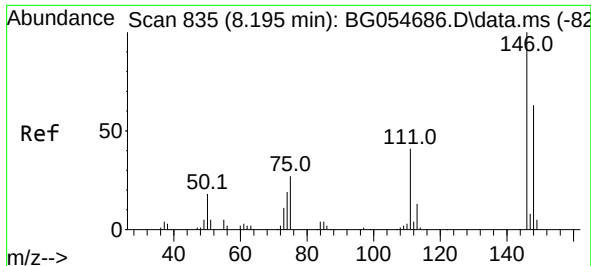
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#12
1,3-Dichlorobenzene
Concen: 43.918 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:146 Resp: 135669
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
75 29.1 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.421 ng

RT: 8.194 min Scan# 835

Delta R.T. -0.001 min

Lab File: BG054724.D

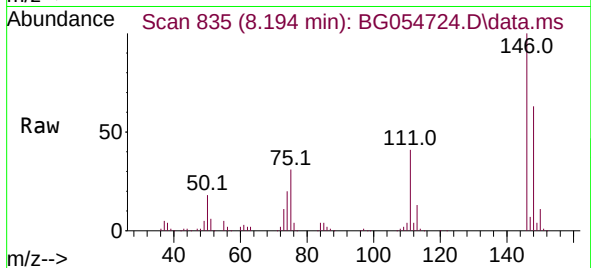
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD



Tgt Ion:146 Resp: 138286

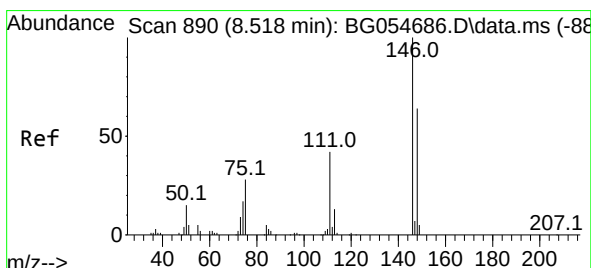
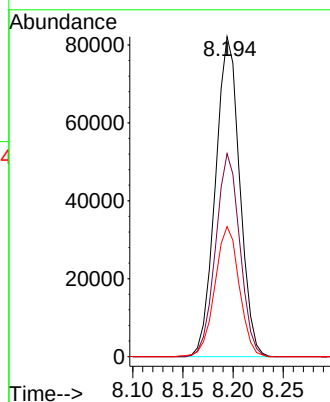
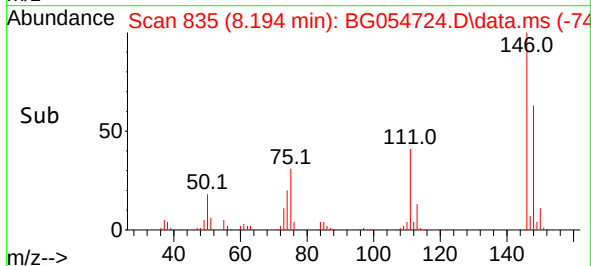
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	40.6	33.0	49.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#14

1,2-Dichlorobenzene

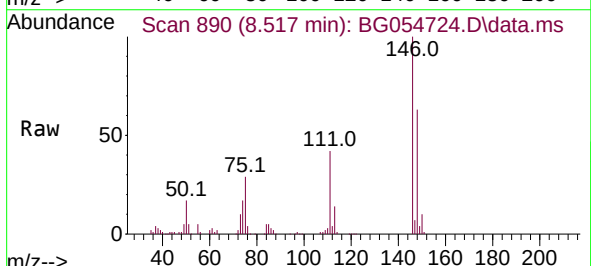
Concen: 46.328 ng

RT: 8.517 min Scan# 890

Delta R.T. -0.001 min

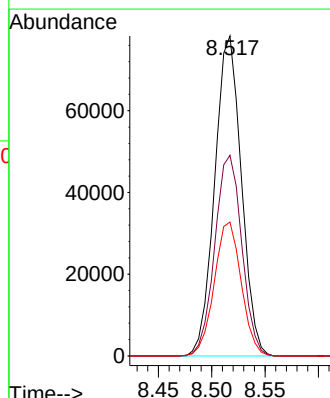
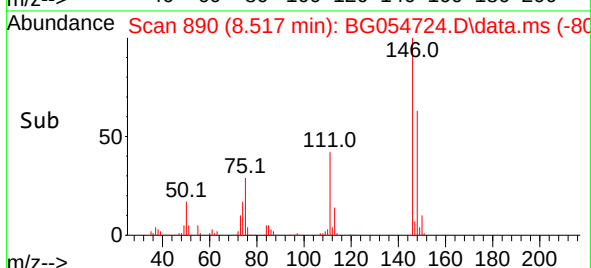
Lab File: BG054724.D

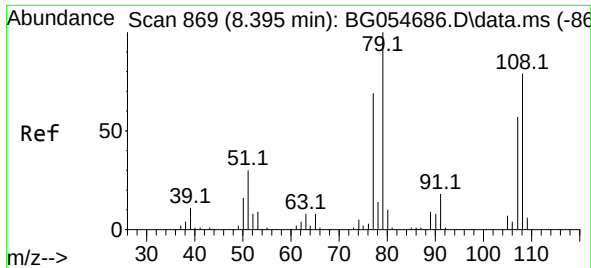
Acq: 24 Aug 2022 17:42



Tgt Ion:146 Resp: 136014

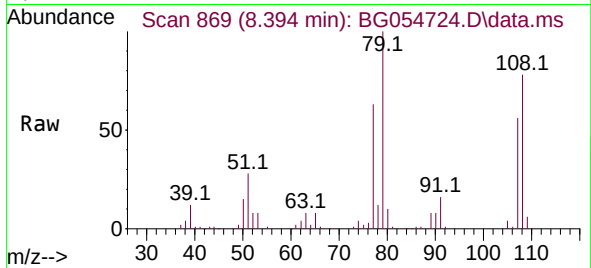
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.2	76.8
111	41.8	34.3	51.5





#15
Benzyl Alcohol
Concen: 59.428 ng m
RT: 8.394 min Scan# 869
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

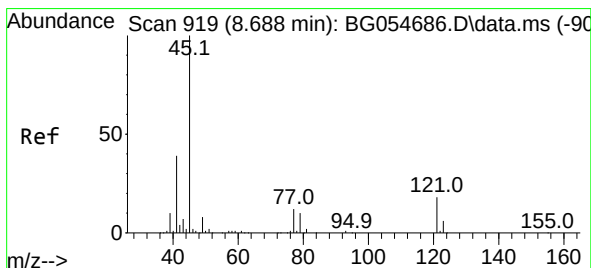
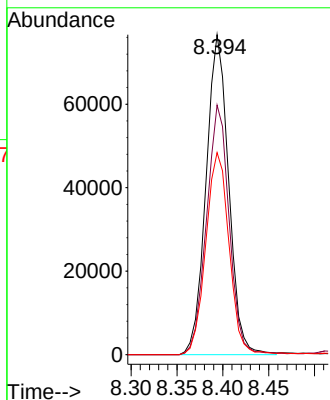
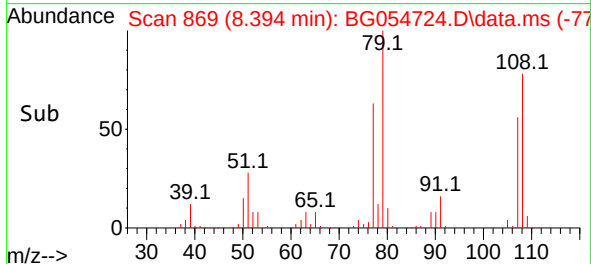
Instrument :
BNA_G
ClientSampleId :
C5MSD



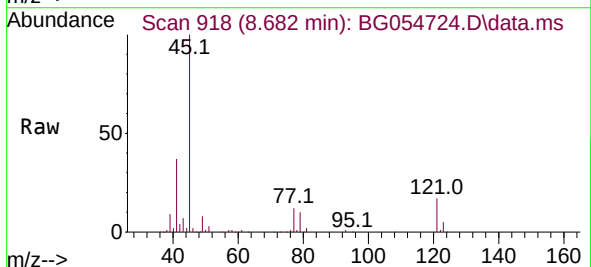
Tgt Ion: 79 Resp: 131116
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 63.1 55.0 82.4

Manual Integrations
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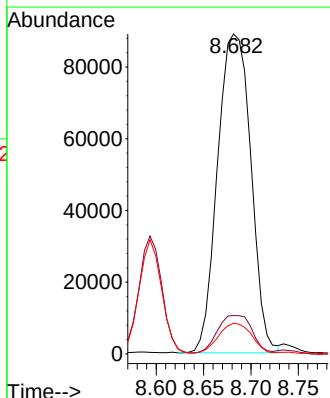
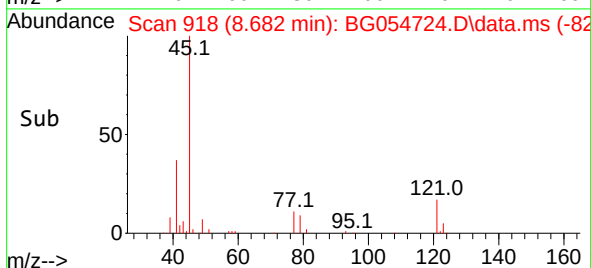
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

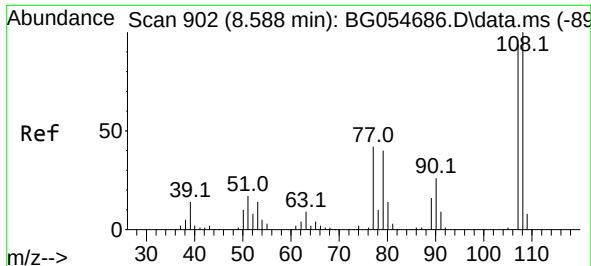


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.060 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.007 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion: 45 Resp: 217715
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.8
79 9.6 0.0 30.4





#17

2-Methylphenol

Concen: 55.852 ng

RT: 8.593 min Scan# 90

Delta R.T. 0.005 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

Tgt Ion:107 Resp: 123489

Ion Ratio Lower Upper

107 100

108 108.0 85.6 128.4

77 45.6 35.8 53.8

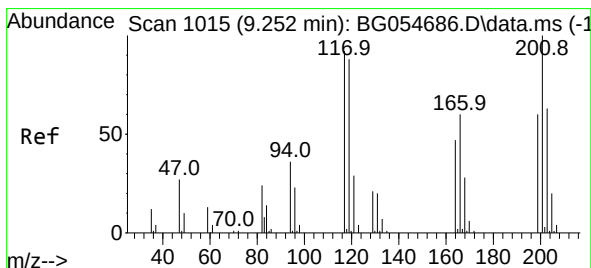
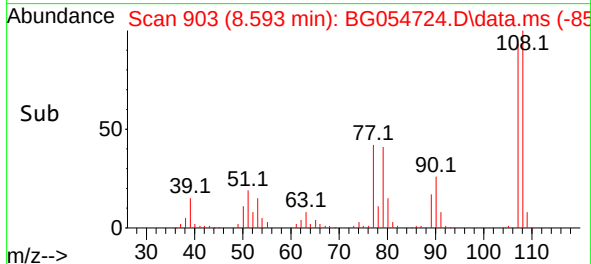
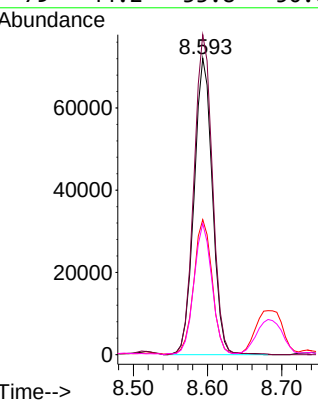
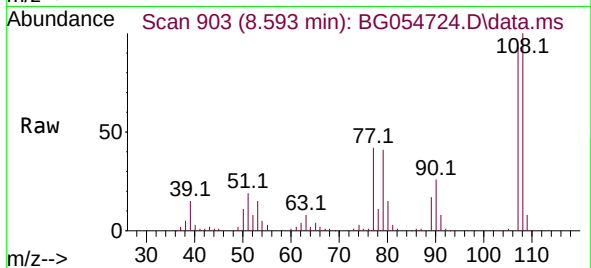
79 44.2 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#18

Hexachloroethane

Concen: 48.205 ng

RT: 9.252 min Scan# 1015

Delta R.T. -0.001 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

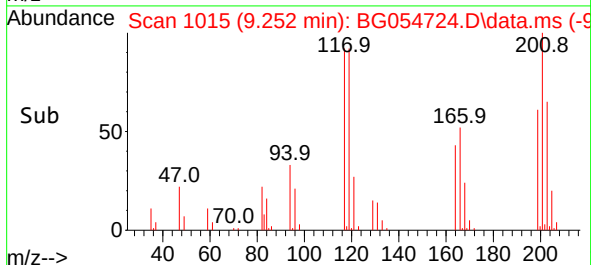
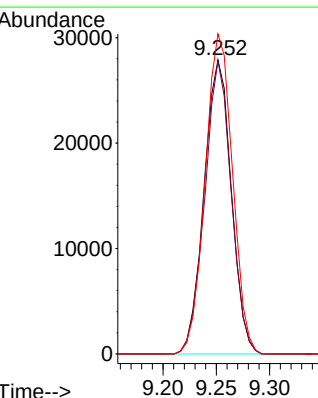
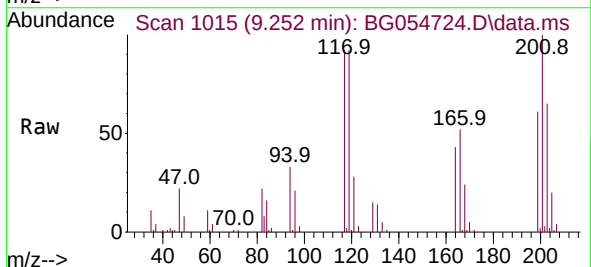
Tgt Ion:117 Resp: 49560

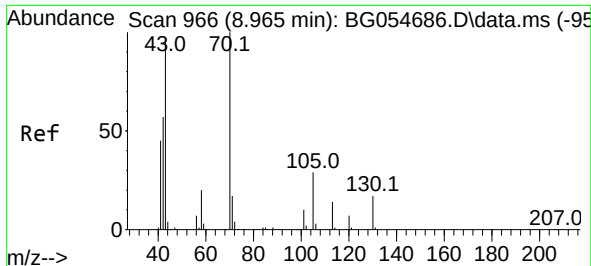
Ion Ratio Lower Upper

117 100

119 99.7 77.0 115.6

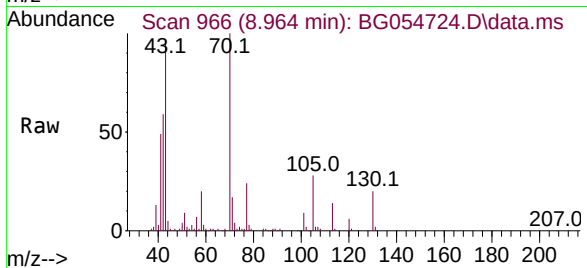
201 108.9 87.2 130.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.036 ng
RT: 8.964 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

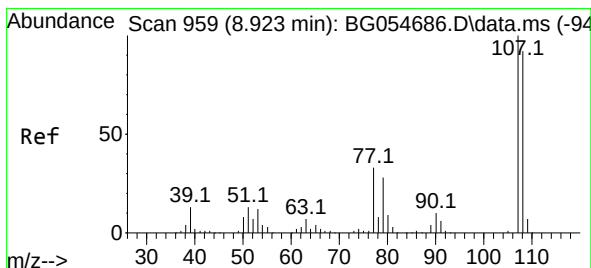
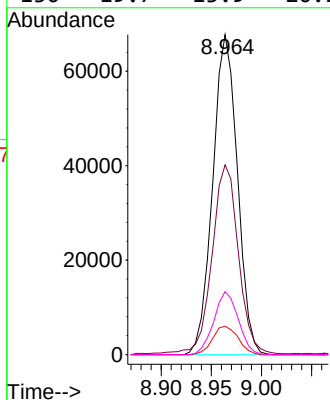
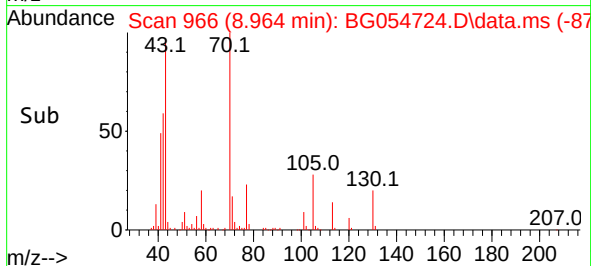
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion: 70 Resp: 11591
Ion Ratio Lower Upper
70 100
42 59.3 46.6 69.8
101 8.9 7.7 11.5
130 19.7 13.9 20.9

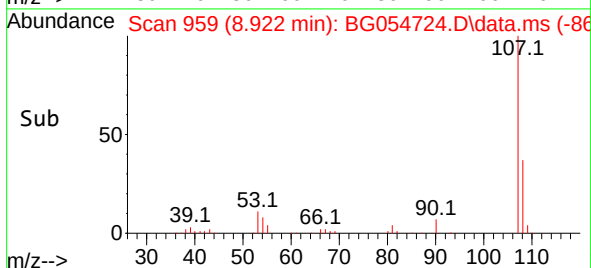
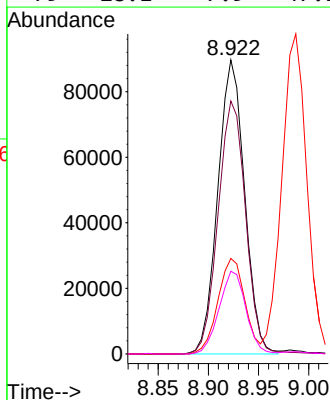
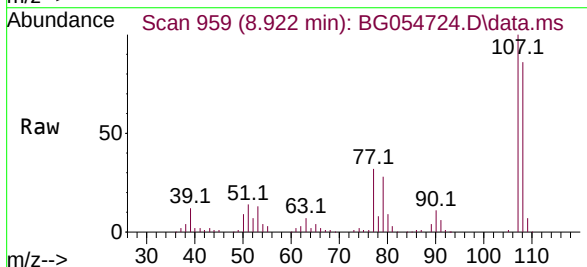
Manual Integrations
APPROVED

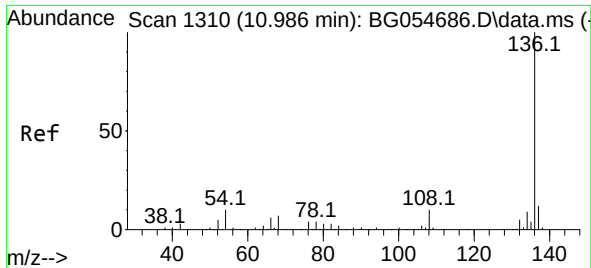
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#20
3+4-Methylphenols
Concen: 56.362 ng
RT: 8.922 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:107 Resp: 166357
Ion Ratio Lower Upper
107 100
108 86.0 71.6 111.6
77 32.5 13.1 53.1
79 28.1 7.9 47.9





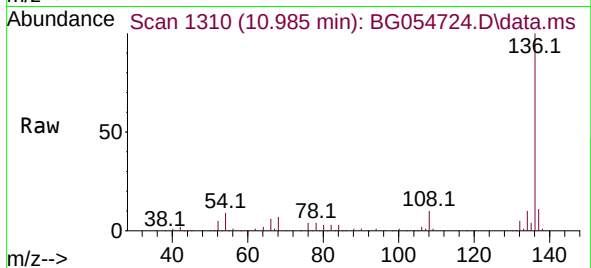
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

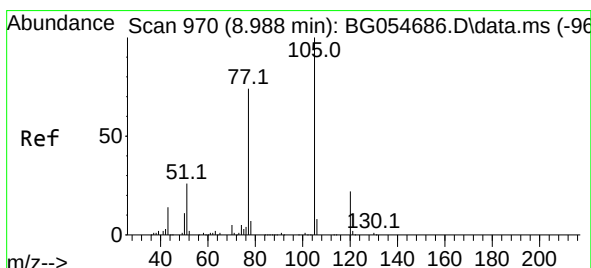
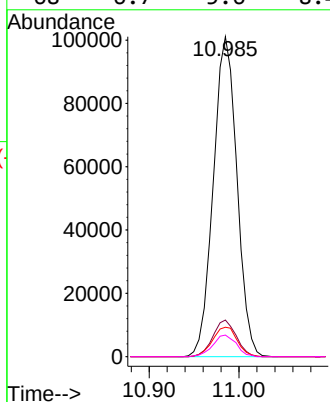
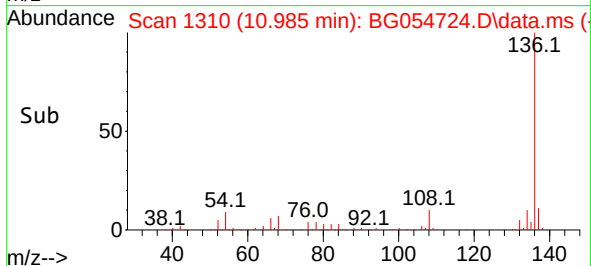


Tgt Ion:136 Resp: 185220
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.2 7.7 11.5
68 6.7 5.6 8.4

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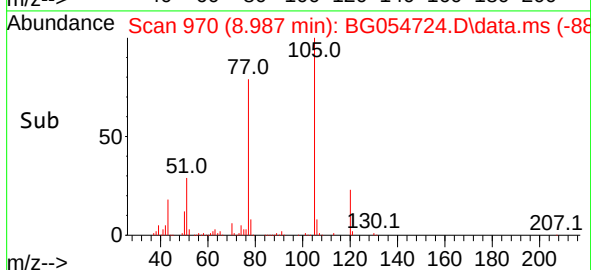
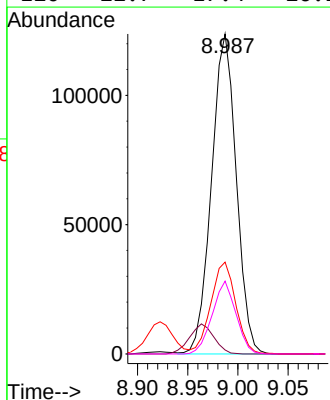
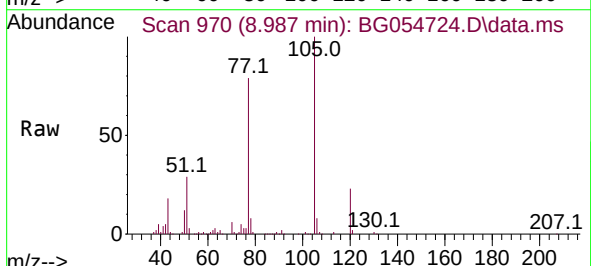
APPROVED

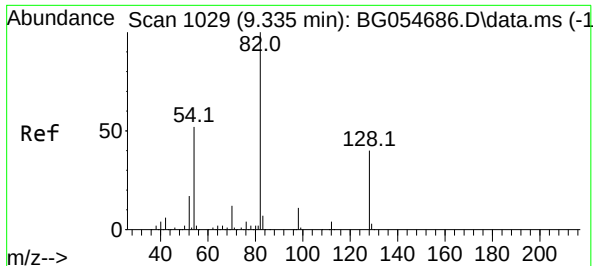
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#22
Acetophenone
Concen: 45.544 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:105 Resp: 212453
Ion Ratio Lower Upper
105 100
71 1.2 1.2 1.8
51 28.7 22.9 34.3
120 22.7 17.4 26.2





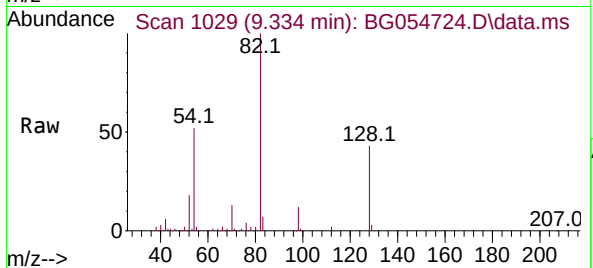
#23
Nitrobenzene-d5
Concen: 92.086 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

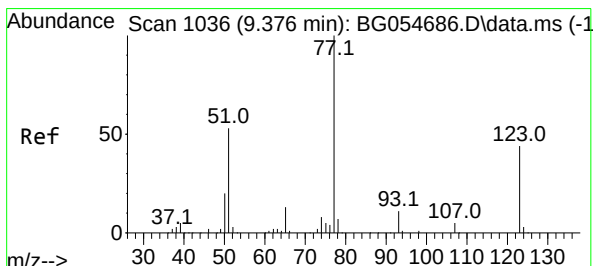
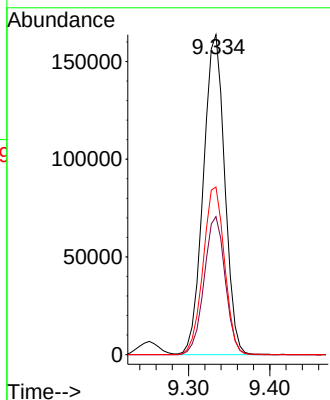
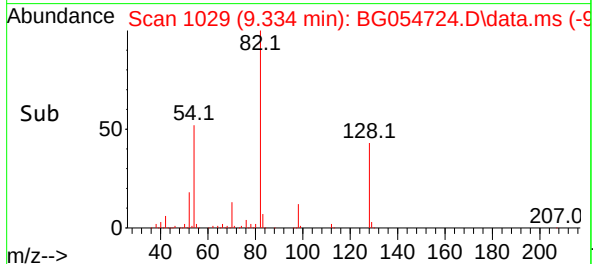


Tgt Ion: 82 Resp: 299289
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 52.4 41.4 62.0

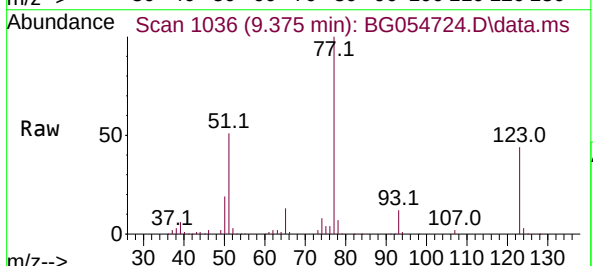
Manual Integrations

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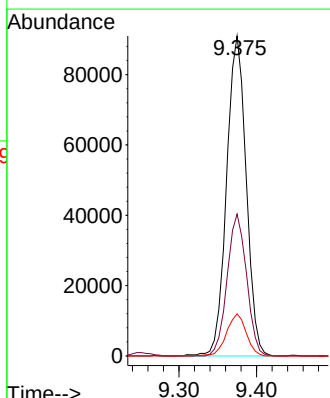
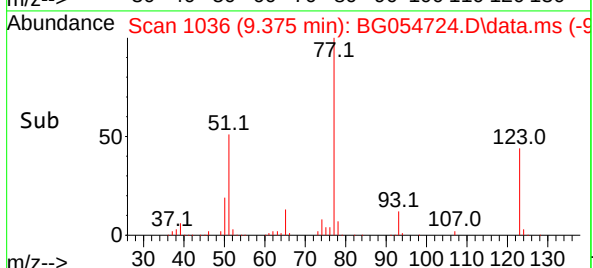
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

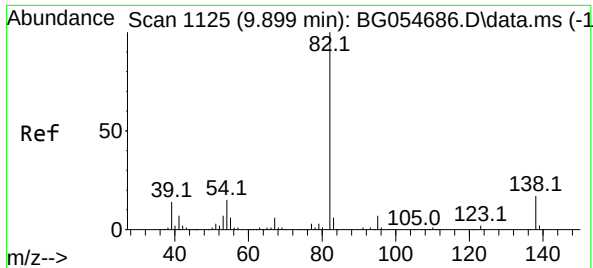


#24
Nitrobenzene
Concen: 47.855 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



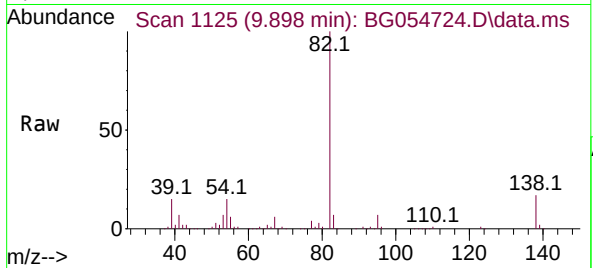
Tgt Ion: 77 Resp: 159904
Ion Ratio Lower Upper
77 100
123 44.3 35.0 52.6
65 13.1 10.2 15.2





#25
Isophorone
Concen: 53.330 ng
RT: 9.898 min Scan# 1125
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

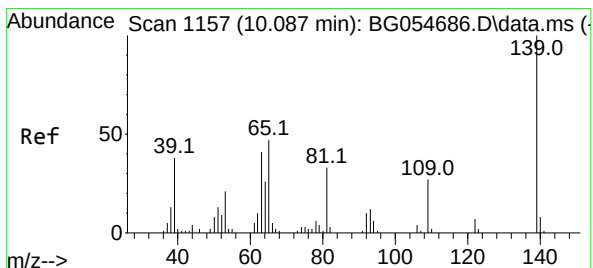
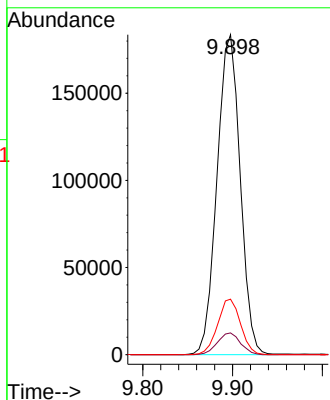
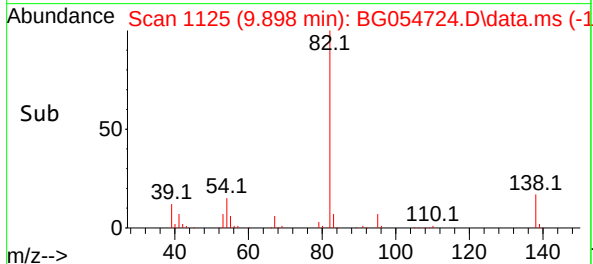
Instrument :
BNA_G
ClientSampleId :
C5MSD



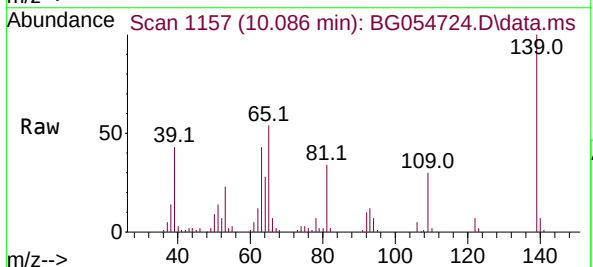
Tgt Ion: 82 Resp: 330353
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.3 13.9 20.9

Manual Integrations
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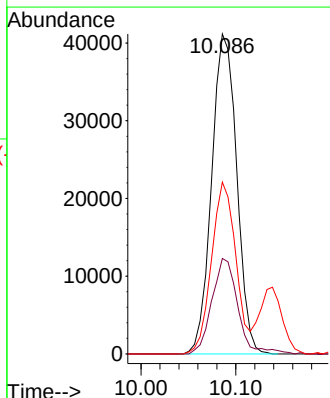
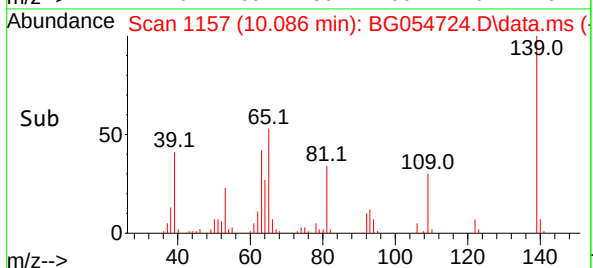
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

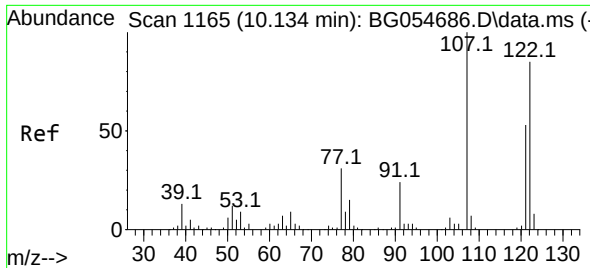


#26
2-Nitrophenol
Concen: 64.596 ng
RT: 10.086 min Scan# 1157
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



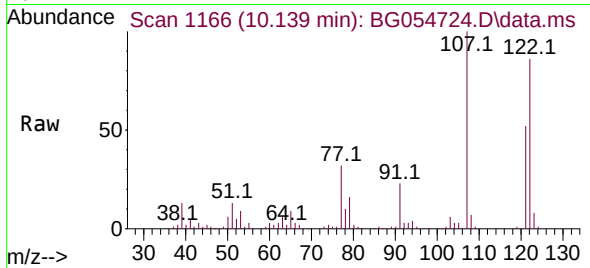
Tgt Ion:139 Resp: 75602
Ion Ratio Lower Upper
139 100
109 29.8 21.8 32.6
65 53.7 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 64.100 ng m
RT: 10.139 min Scan# 1166
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

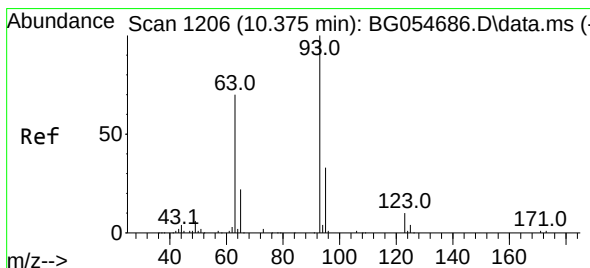
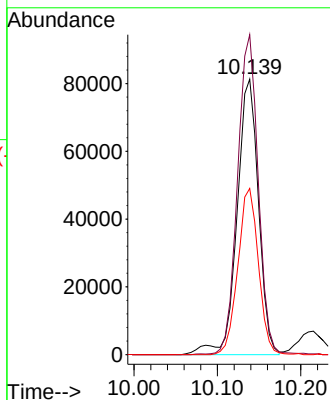
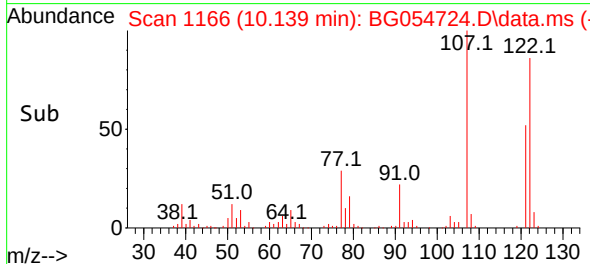
Instrument :
BNA_G
ClientSampleId :
C5MSD



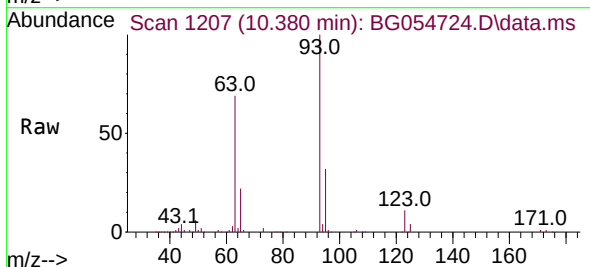
Tgt Ion:122 Resp: 144839
Ion Ratio Lower Upper
122 100
107 116.2 94.6 142.0
121 60.3 49.8 74.6

Manual Integrations
APPROVED

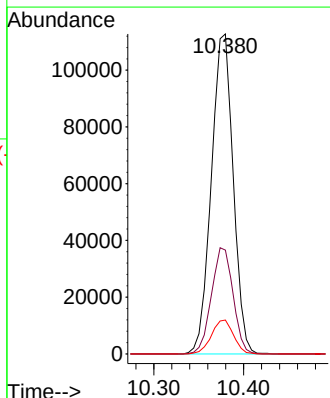
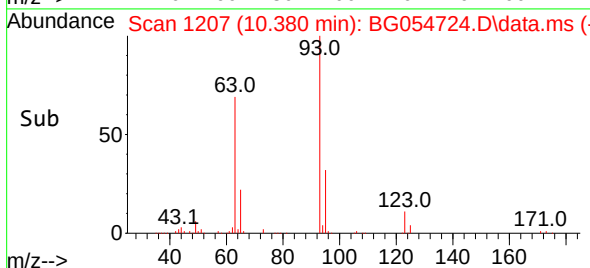
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

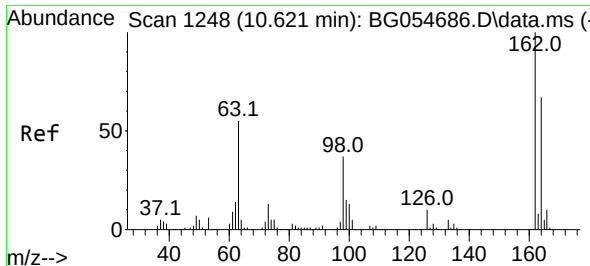


#28
bis(2-Chloroethoxy)methane
Concen: 52.088 ng
RT: 10.380 min Scan# 1207
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



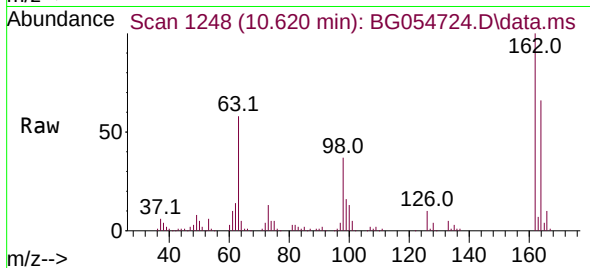
Tgt Ion: 93 Resp: 190603
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 10.6 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 59.479 ng
RT: 10.620 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

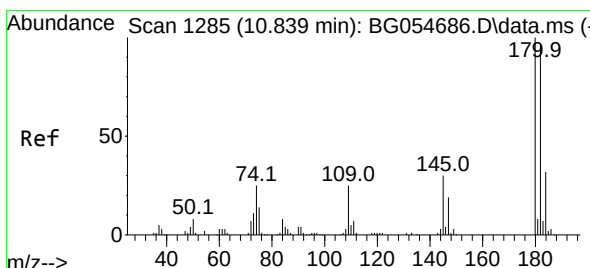
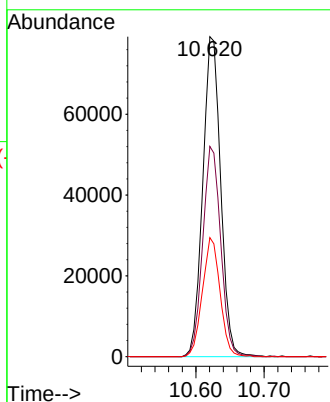
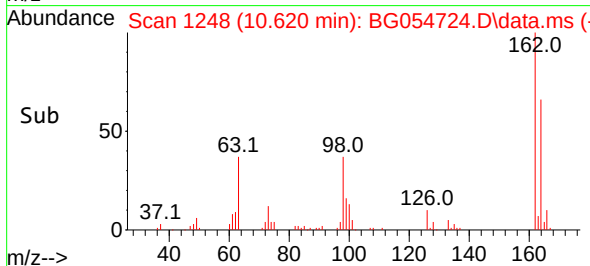
Instrument :
BNA_G
ClientSampleId :
C5MSD



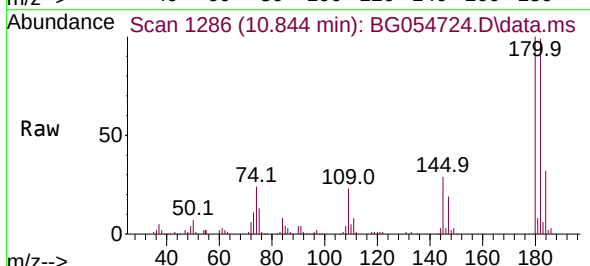
Tgt Ion:162 Resp: 144204
Ion Ratio Lower Upper
162 100
164 65.7 47.2 87.2
98 37.2 16.6 56.6

Manual Integrations
APPROVED

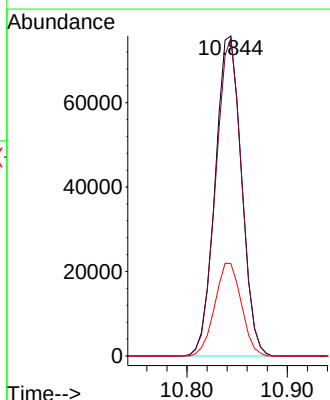
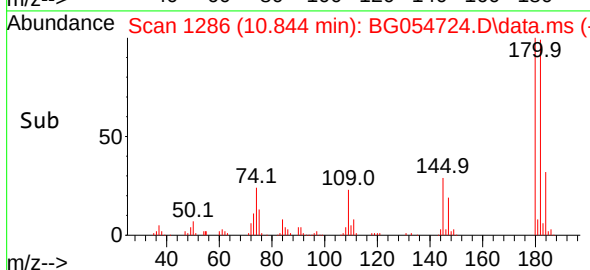
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

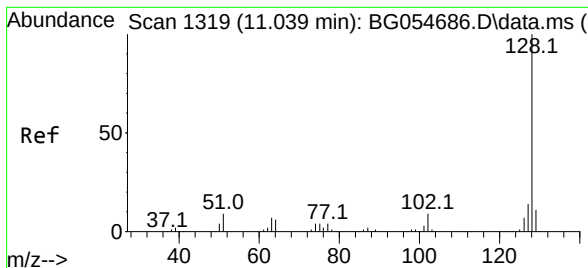


#30
1,2,4-Trichlorobenzene
Concen: 42.719 ng
RT: 10.844 min Scan# 1286
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



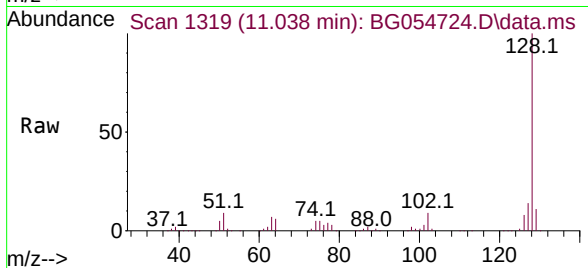
Tgt Ion:180 Resp: 138014
Ion Ratio Lower Upper
180 100
182 99.3 77.0 115.6
145 28.8 24.0 36.0





#31
Naphthalene
Concen: 43.234 ng
RT: 11.038 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

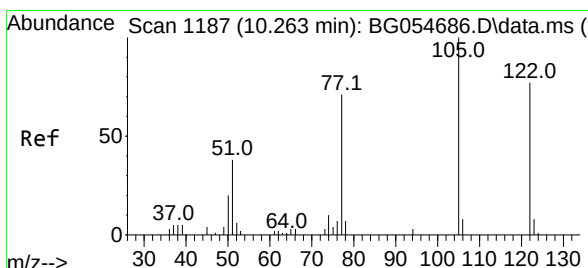
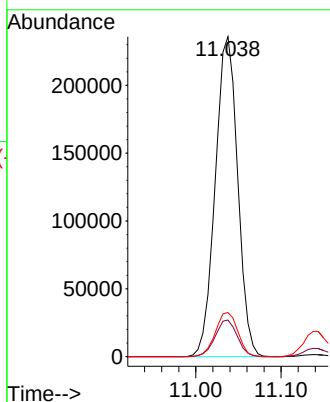
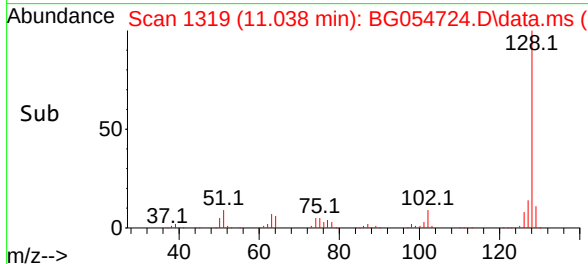
Instrument :
BNA_G
ClientSampleId :
C5MSD



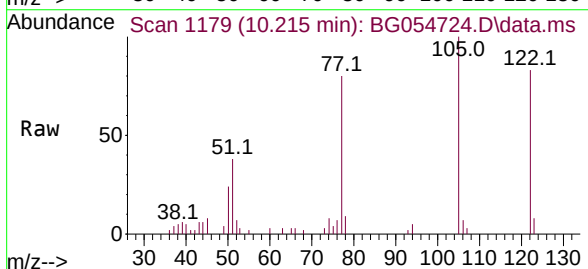
Tgt Ion:128 Resp: 430968
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.8 11.1 16.7

Manual Integrations
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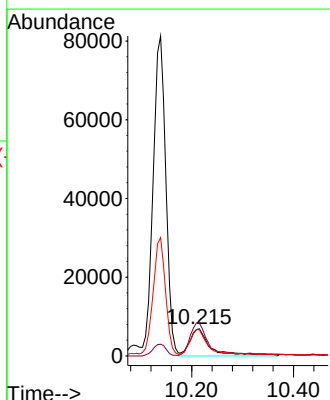
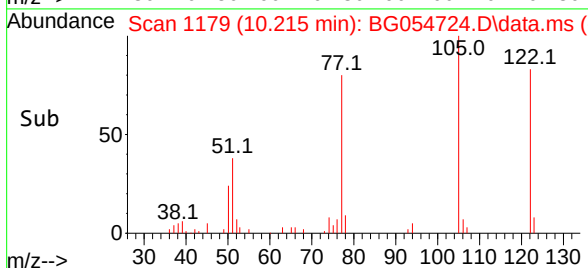
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

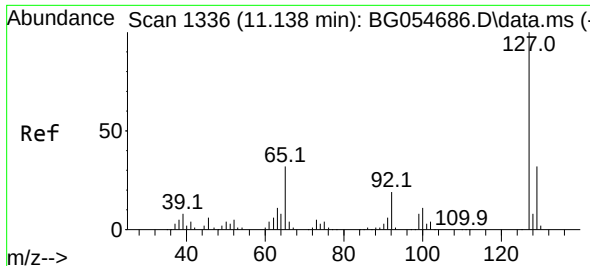


#32
Benzoic acid
Concen: 21.652 ng m
RT: 10.215 min Scan# 1179
Delta R.T. -0.048 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion:122 Resp: 19287
Ion Ratio Lower Upper
122 100
105 121.1 101.5 141.5
77 97.1 69.3 109.3





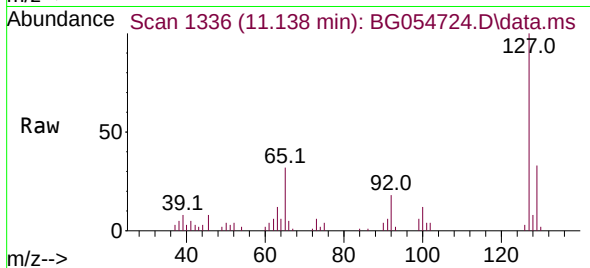
#33
4-Chloroaniline
Concen: 10.048 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

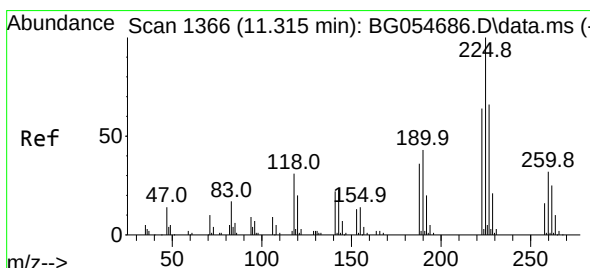
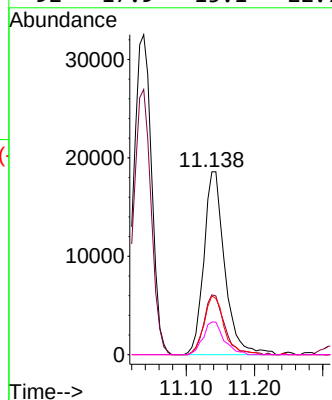
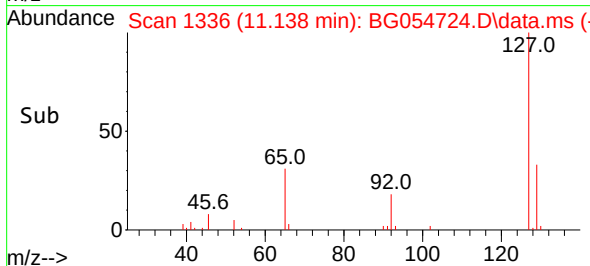


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	32.1	25.8	38.8
92	17.9	15.1	22.7

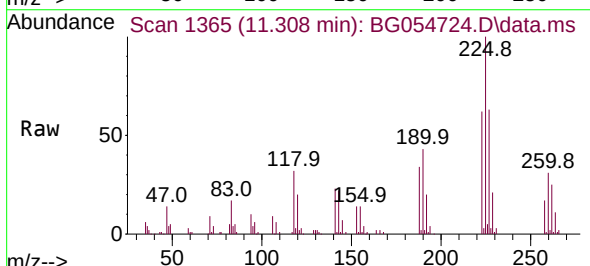
Manual Integrations

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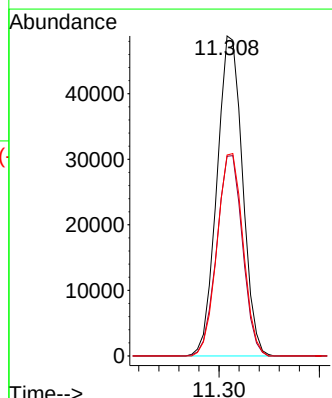
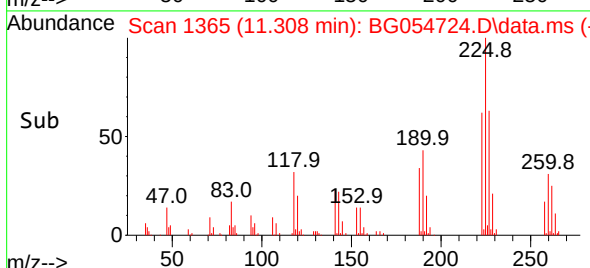
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

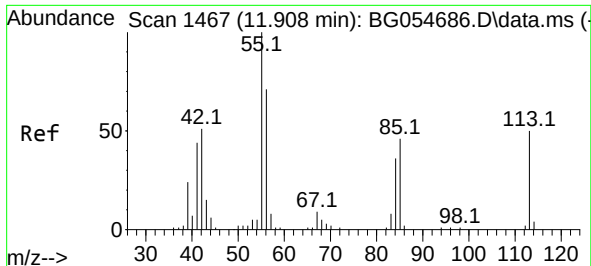


#34
Hexachlorobutadiene
Concen: 42.426 ng
RT: 11.308 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



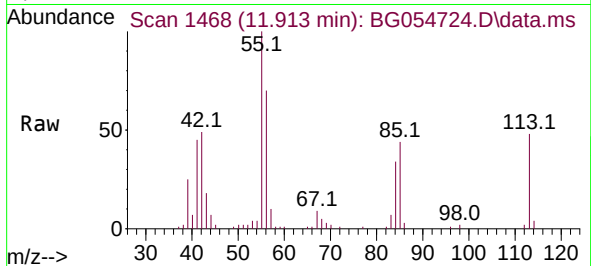
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.0
227	62.8	52.6	79.0





#35
Caprolactam
Concen: 62.414 ng m
RT: 11.913 min Scan# 1468
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

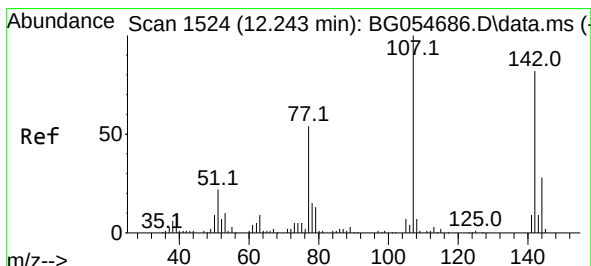
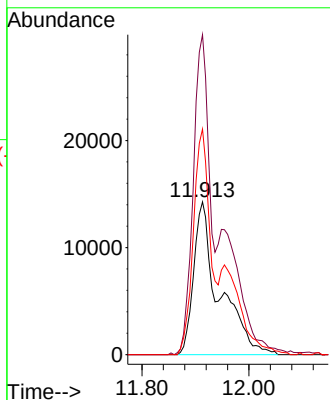
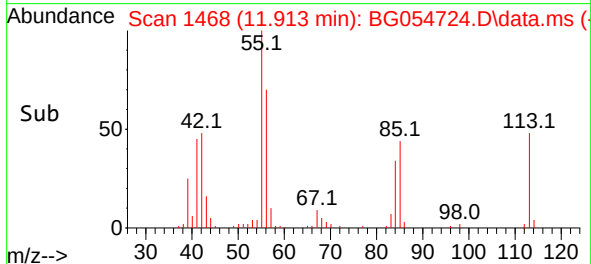
Instrument :
BNA_G
ClientSampleId :
C5MSD



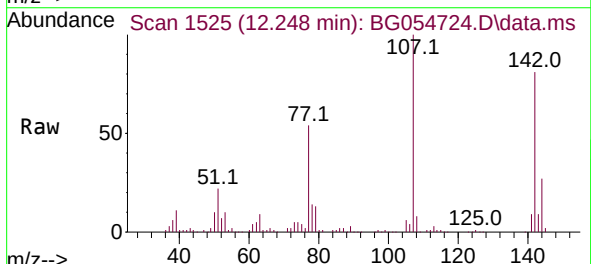
Tgt Ion:113 Resp: 47246
Ion Ratio Lower Upper
113 100
55 209.4 179.1 219.1
56 147.6 120.8 160.8

Manual Integrations
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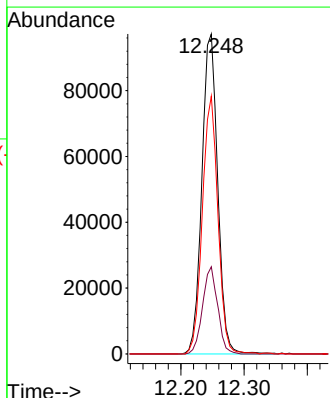
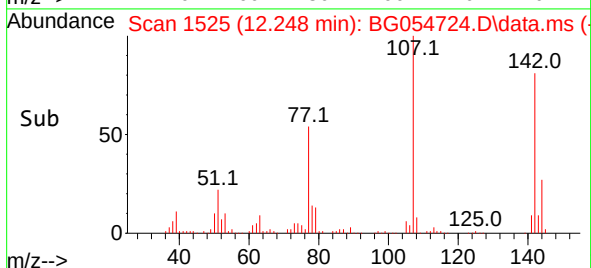
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

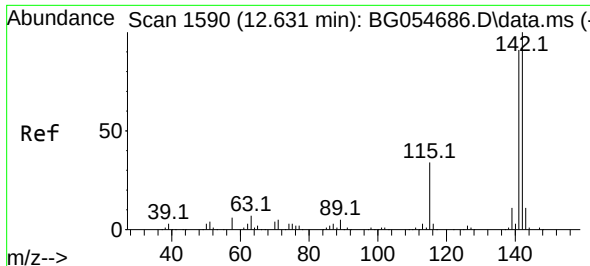


#36
4-Chloro-3-methylphenol
Concen: 65.637 ng
RT: 12.248 min Scan# 1525
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



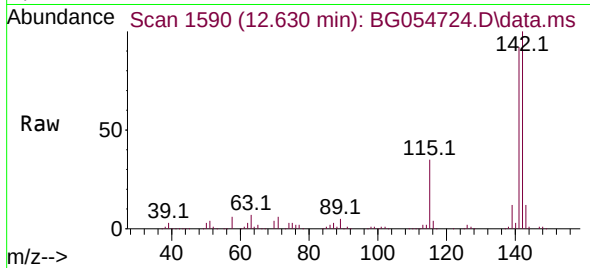
Tgt Ion:107 Resp: 169100
Ion Ratio Lower Upper
107 100
144 27.3 22.4 33.6
142 80.5 65.8 98.8





#37
2-Methylnaphthalene
Concen: 46.473 ng
RT: 12.630 min Scan# 1150
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

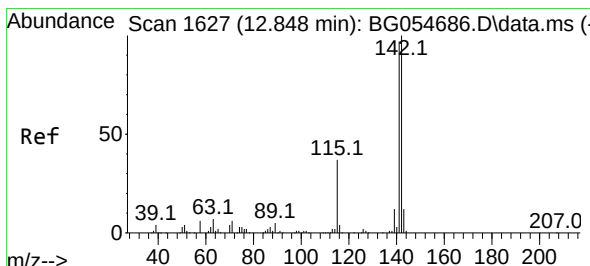
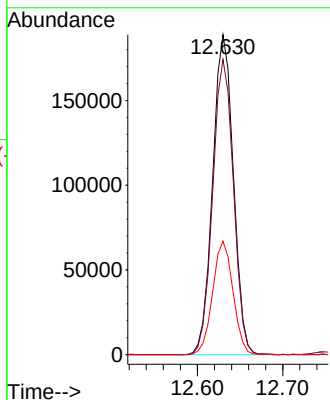
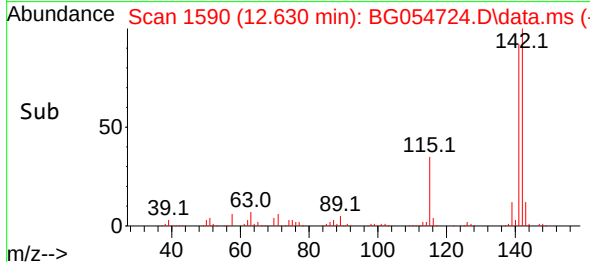
Instrument :
BNA_G
ClientSampleId :
C5MSD



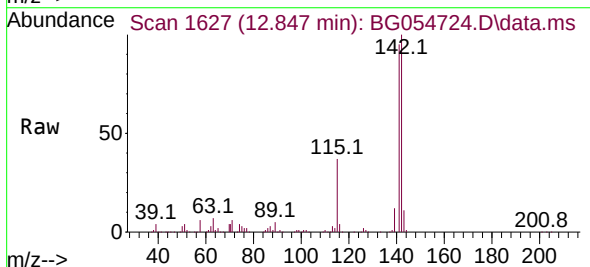
Tgt Ion:142 Resp: 318254
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
115 35.5 27.3 40.9

Manual Integrations
APPROVED

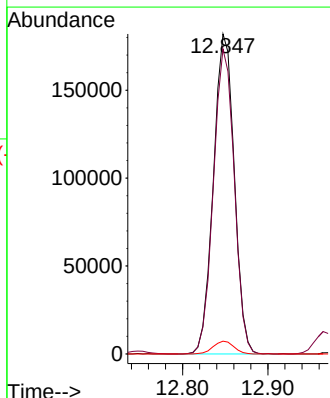
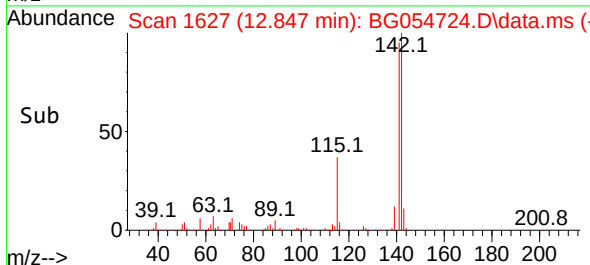
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

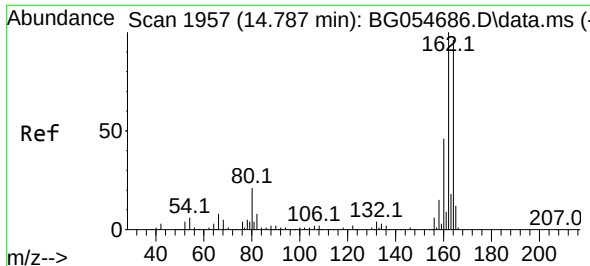


#38
1-Methylnaphthalene
Concen: 46.649 ng
RT: 12.847 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



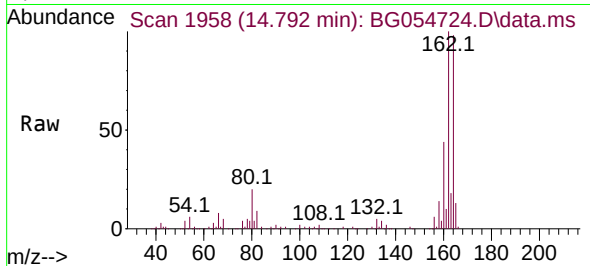
Tgt Ion:142 Resp: 308944
Ion Ratio Lower Upper
142 100
141 95.3 77.4 116.0
116 4.0 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

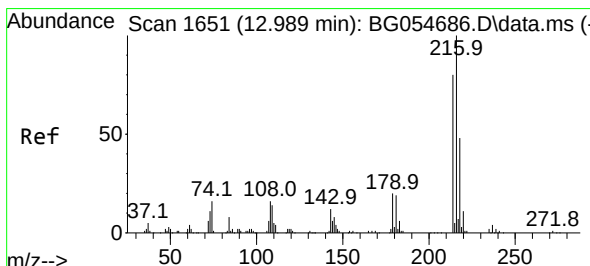
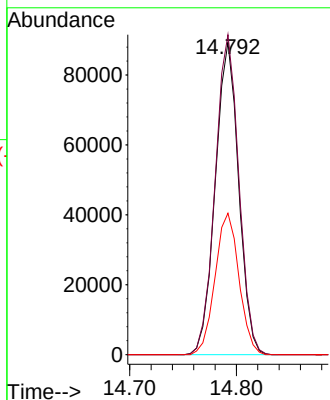
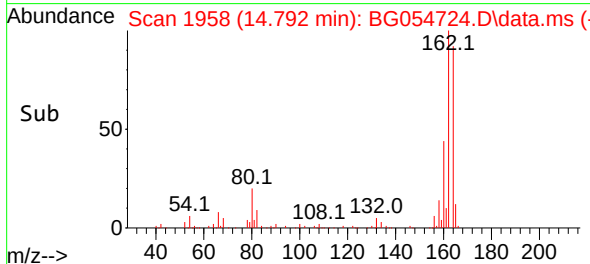
Instrument :
BNA_G
ClientSampleId :
C5MSD



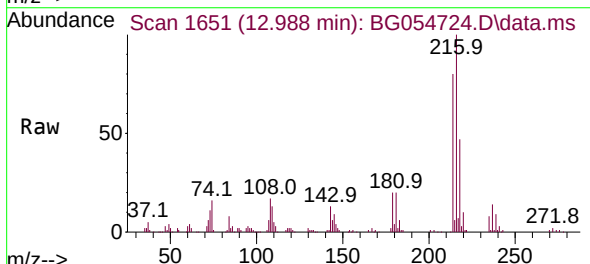
Tgt Ion:164 Resp: 135648
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.4
160 45.3 38.0 57.0

Manual Integrations
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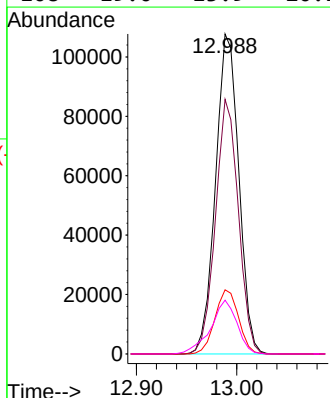
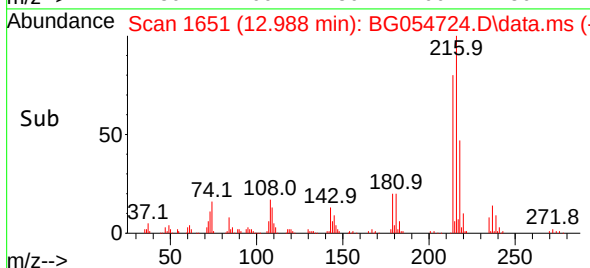
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

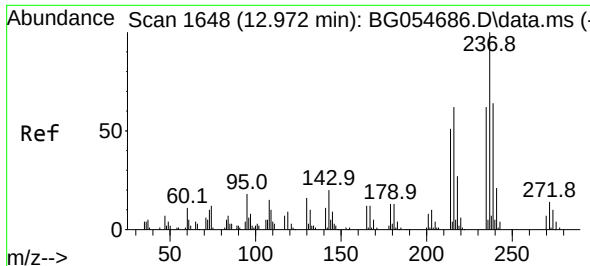


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.469 ng
RT: 12.988 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



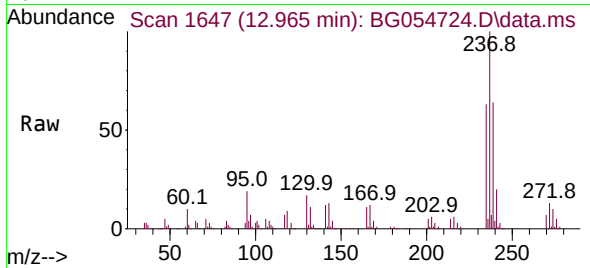
Tgt Ion:216 Resp: 173669
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.3 16.5 24.7
108 19.0 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 100.387 ng
RT: 12.965 min Scan# 1647
Delta R.T. -0.007 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

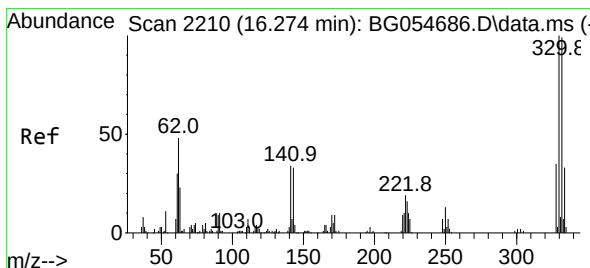
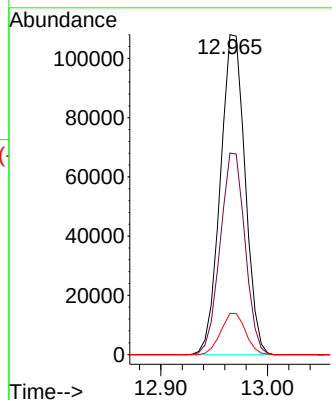
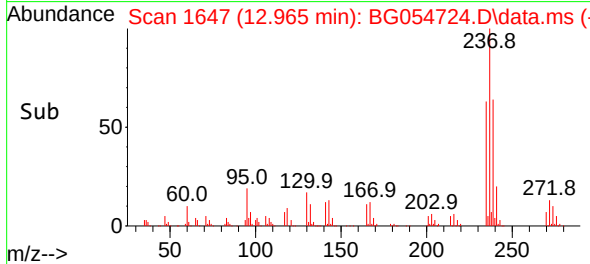
Instrument :
BNA_G
ClientSampleId :
C5MSD



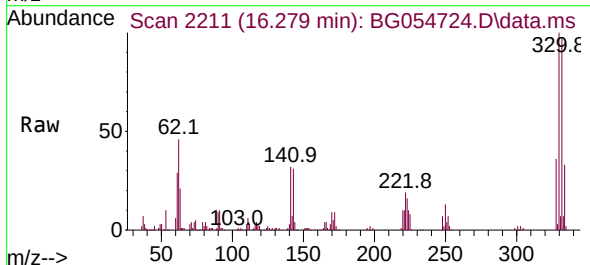
Tgt Ion: 237 Resp: 174748
Ion Ratio Lower Upper
237 100
235 63.0 42.2 82.2
272 12.9 0.0 34.0

Manual Integrations
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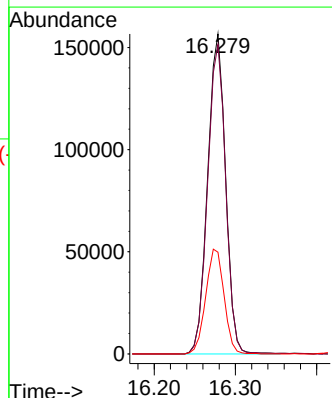
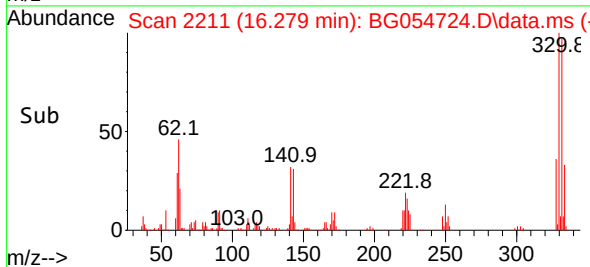
Reviewed By : Christian Giraldo 08/25/2022
Supervised By : Jagrut Upadhyay 08/25/2022

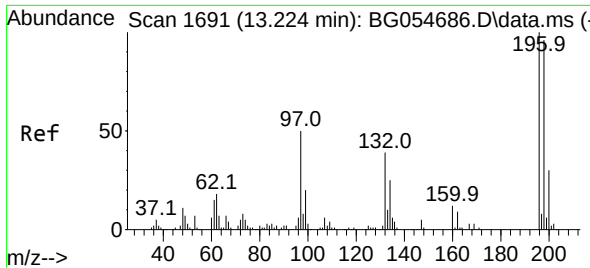


#42
2,4,6-Tribromophenol
Concen: 221.459 ng
RT: 16.279 min Scan# 2211
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



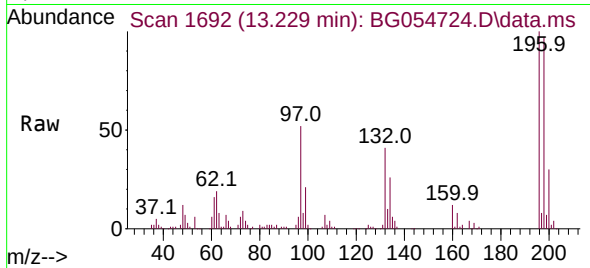
Tgt Ion: 330 Resp: 240577
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 33.5 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 59.064 ng
RT: 13.229 min Scan# 1691
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

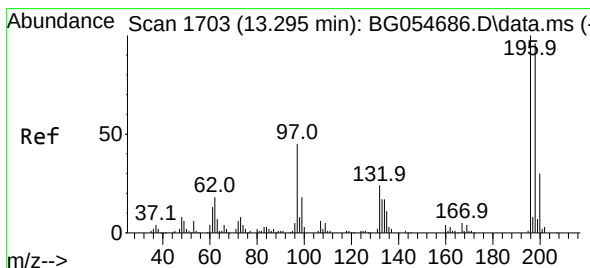
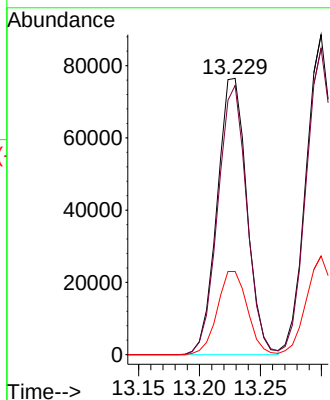
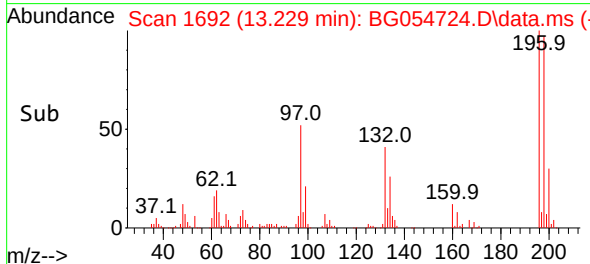
Instrument :
BNA_G
ClientSampleId :
C5MSD



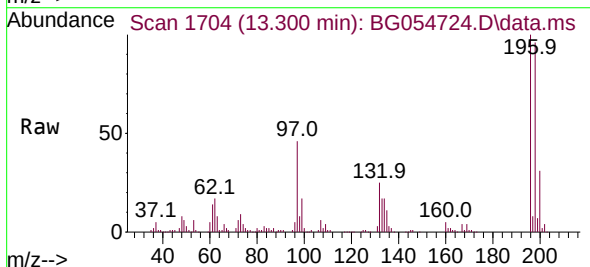
Tgt Ion:196 Resp: 129953
Ion Ratio Lower Upper
196 100
198 97.4 77.1 115.7
200 30.1 24.2 36.4

Manual Integrations
APPROVED

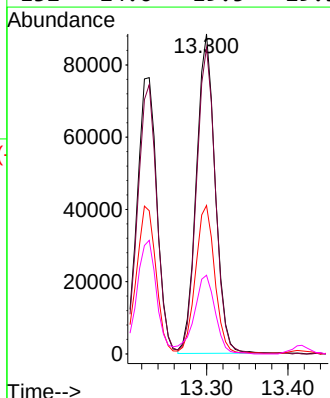
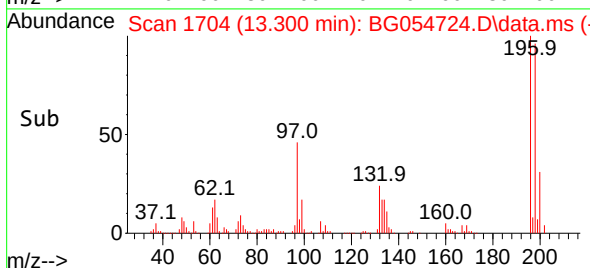
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

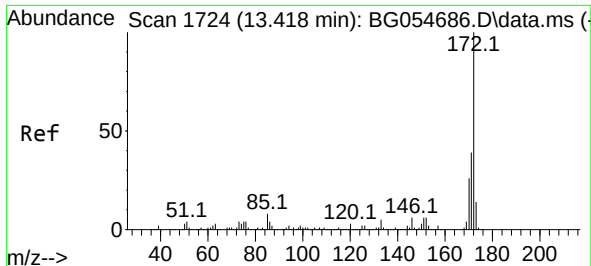


#44
2,4,5-Trichlorophenol
Concen: 57.094 ng
RT: 13.300 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



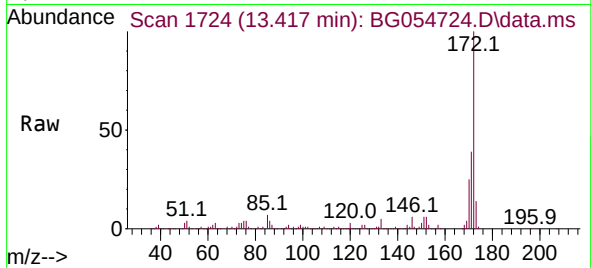
Tgt Ion:196 Resp: 142171
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
97 46.4 36.6 55.0
132 24.6 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 77.619 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

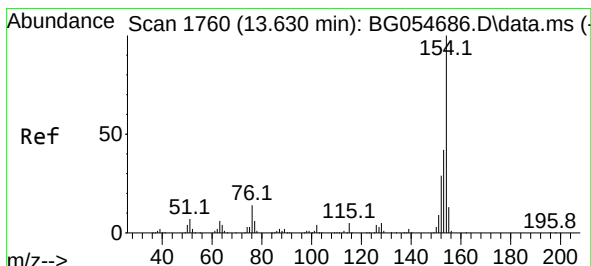
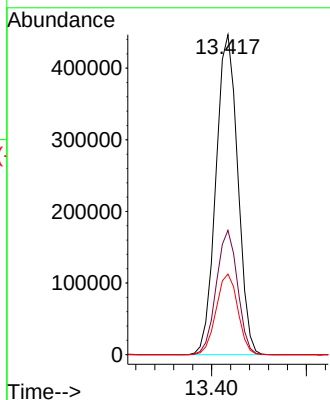
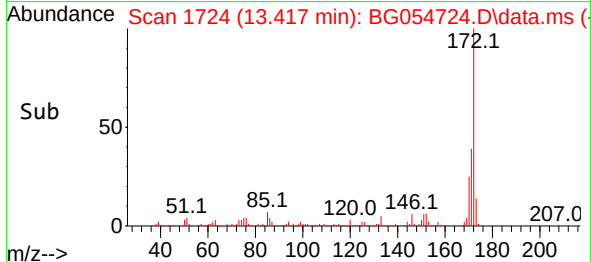
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:172 Resp: 713960
Ion Ratio Lower Upper
172 100
171 38.8 31.2 46.8
170 25.2 20.6 30.8

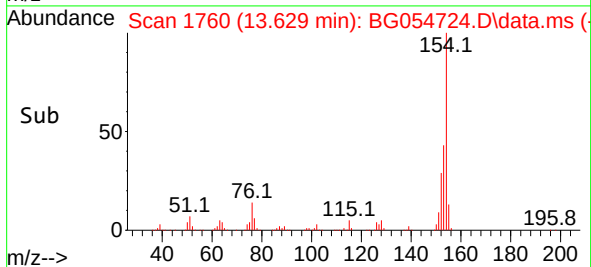
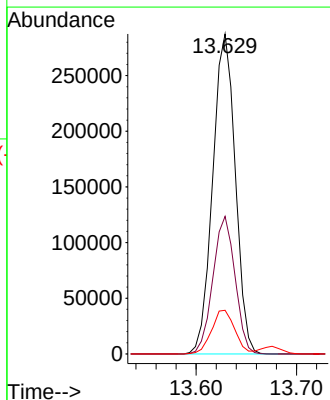
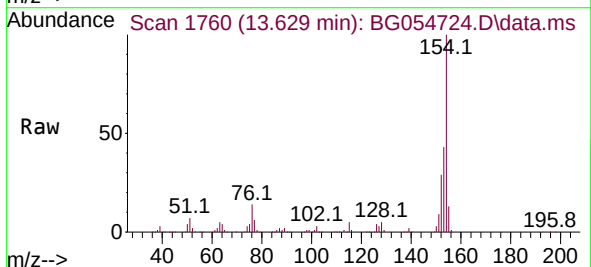
Manual Integrations
APPROVED

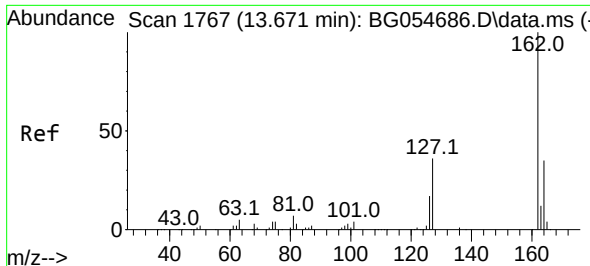
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#46
1,1'-Biphenyl
Concen: 43.768 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

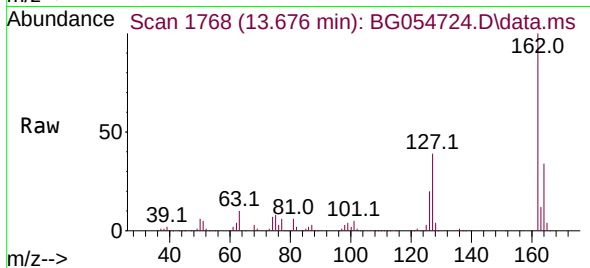
Tgt Ion:154 Resp: 449236
Ion Ratio Lower Upper
154 100
153 43.0 22.2 62.2
76 13.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.508 ng
RT: 13.676 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

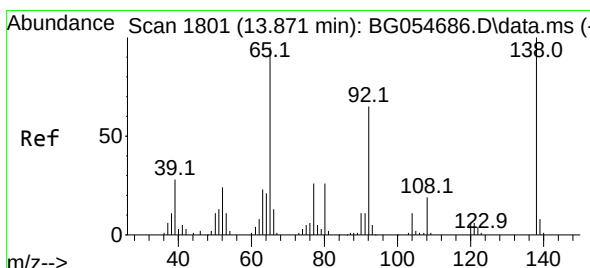
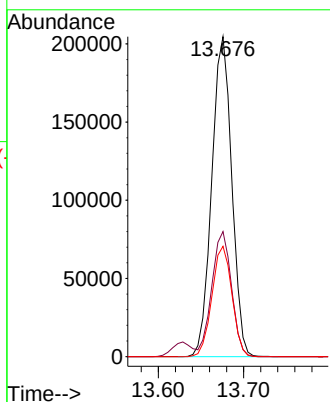
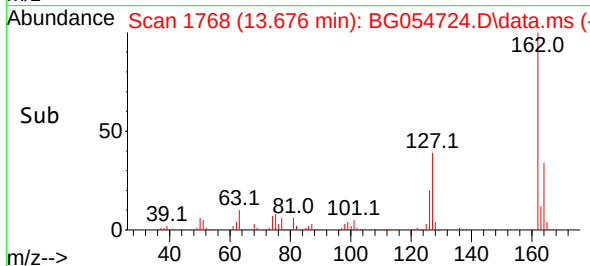
Instrument :
BNA_G
ClientSampleId :
C5MSD



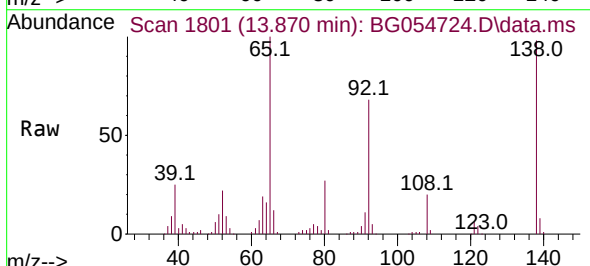
Tgt Ion:162 Resp: 332826
Ion Ratio Lower Upper
162 100
127 39.1 31.5 47.3
164 34.5 27.8 41.6

Manual Integrations
APPROVED

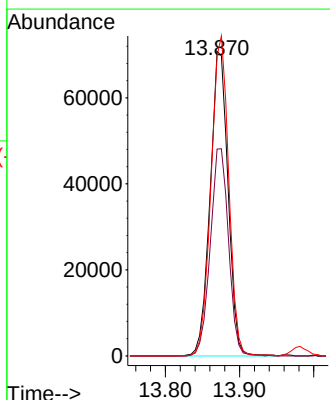
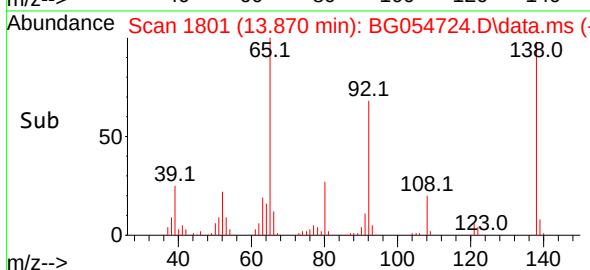
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

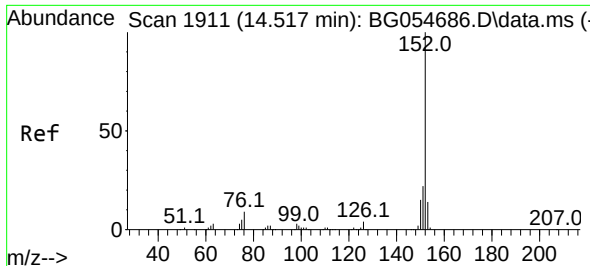


#48
2-Nitroaniline
Concen: 60.490 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



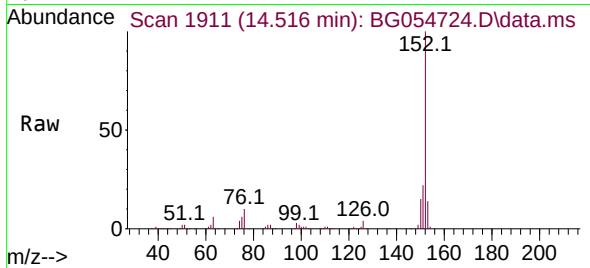
Tgt Ion: 65 Resp: 118957
Ion Ratio Lower Upper
65 100
92 67.9 54.7 82.1
138 98.5 84.1 126.1





#49
Acenaphthylene
Concen: 44.953 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

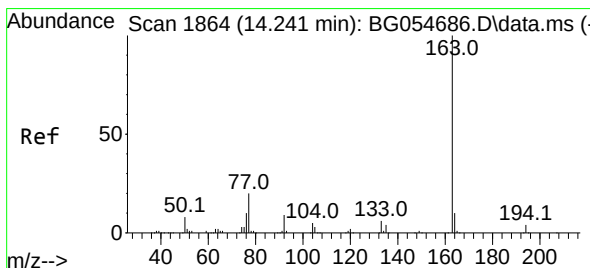
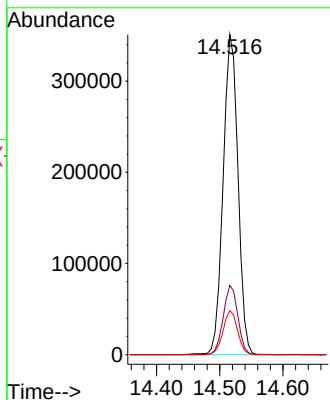
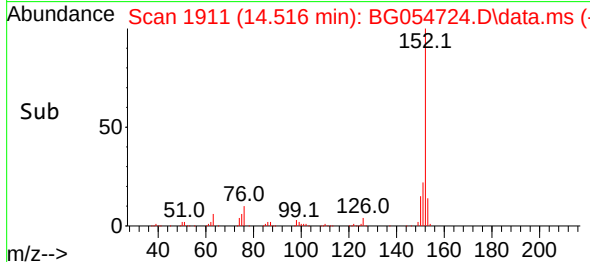
Instrument :
BNA_G
ClientSampleId :
C5MSD



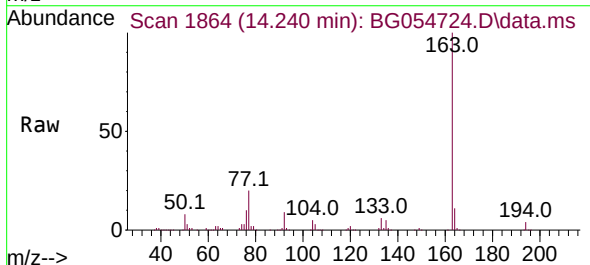
Tgt Ion:152 Resp: 572105
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9
153 13.8 10.8 16.2

Manual Integrations
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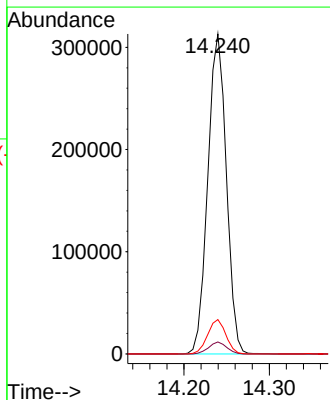
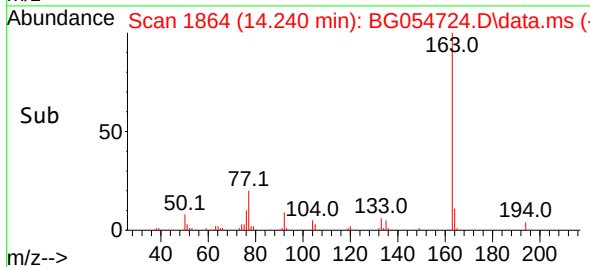
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

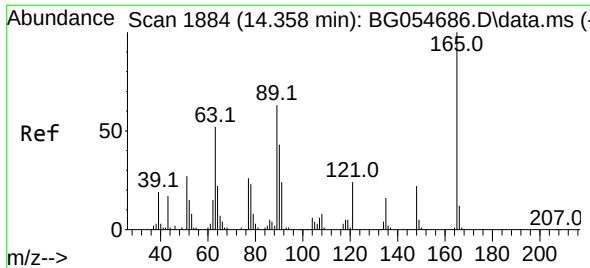


#50
Dimethylphthalate
Concen: 51.686 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion:163 Resp: 472110
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 8.0 12.0





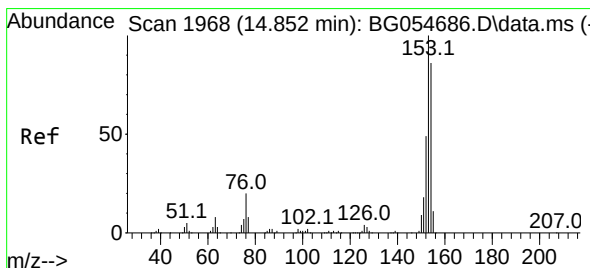
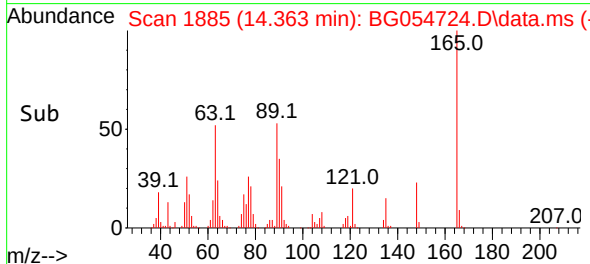
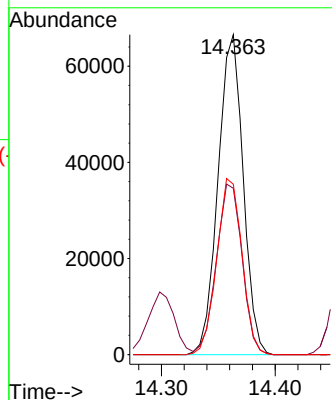
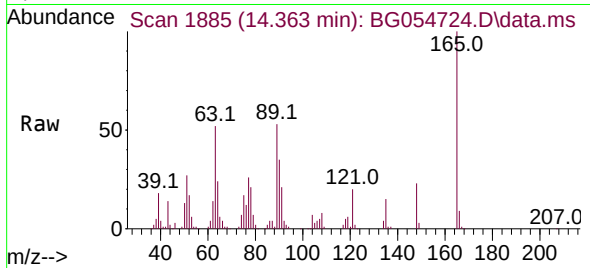
#51
2,6-Dinitrotoluene
Concen: 61.553 ng
RT: 14.363 min Scan# 1885
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :
BNA_G
ClientSampleId :
C5MSD

Tgt Ion:165 Resp: 10225
Ion Ratio Lower Upper
165 100
63 52.0 46.0 69.0
89 53.2 50.3 75.5

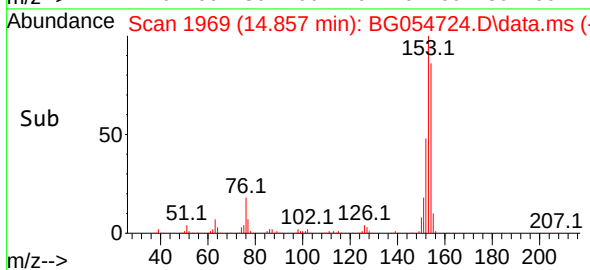
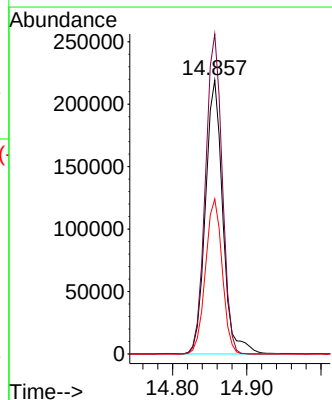
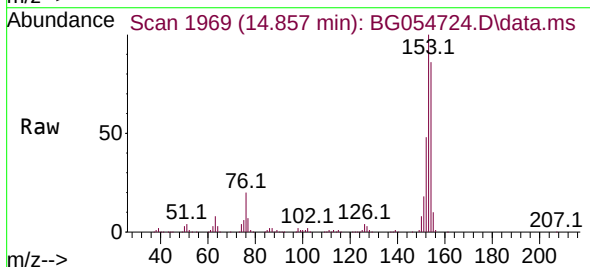
Manual Integrations
APPROVED

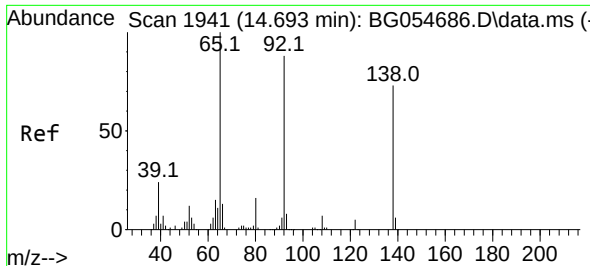
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#52
Acenaphthene
Concen: 45.676 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

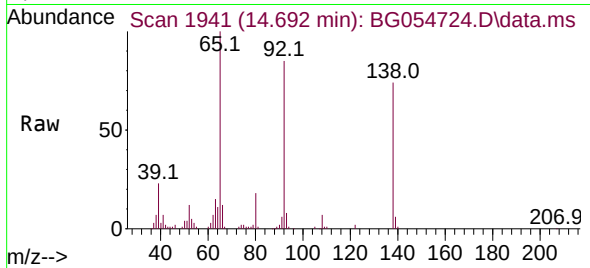
Tgt Ion:154 Resp: 356396
Ion Ratio Lower Upper
154 100
153 116.8 92.8 139.2
152 56.6 45.4 68.2





#53
3-Nitroaniline
Concen: 37.447 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

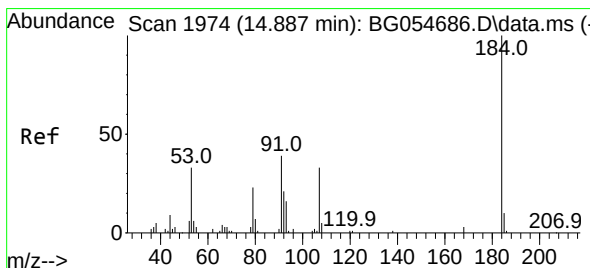
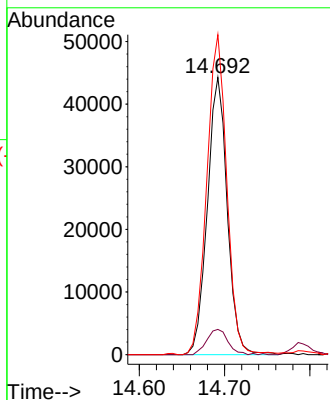
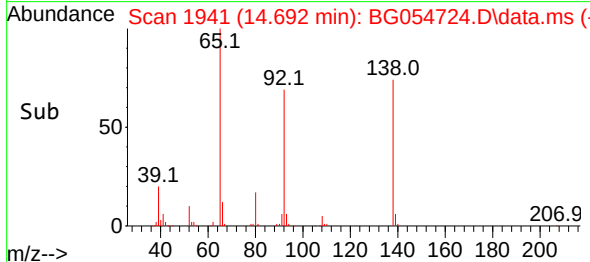
Instrument :
BNA_G
ClientSampleId :
C5MSD



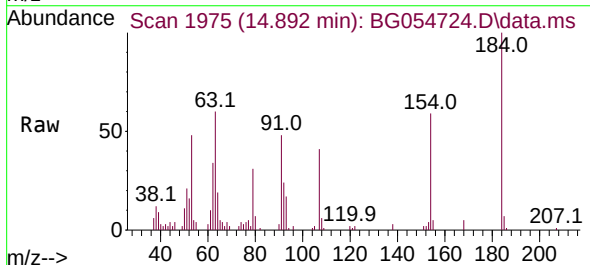
Tgt Ion:138 Resp: 71738
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 115.4 96.0 144.0

Manual Integrations
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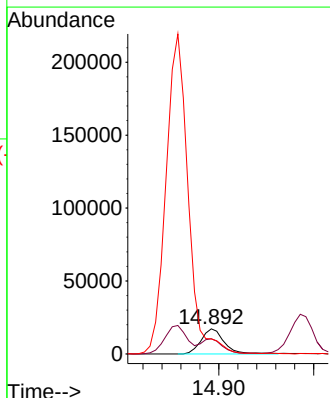
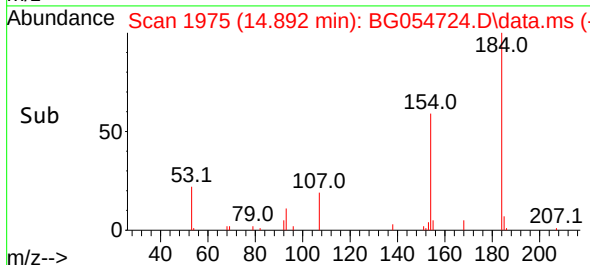
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

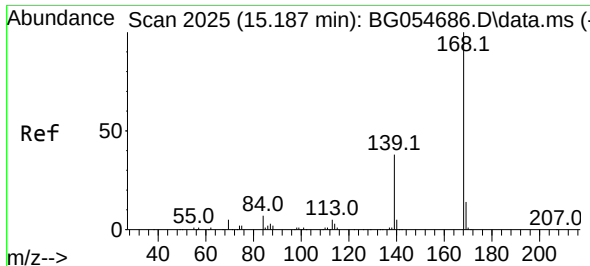


#54
2,4-Dinitrophenol
Concen: 48.622 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion:184 Resp: 28809
Ion Ratio Lower Upper
184 100
63 60.0 41.8 62.8
154 59.5 45.2 67.8





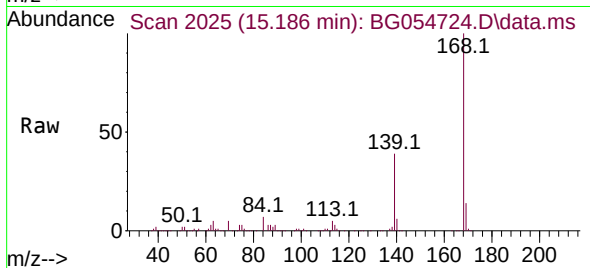
#55
Dibenzofuran
Concen: 45.934 ng
RT: 15.186 min Scan# 2025
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

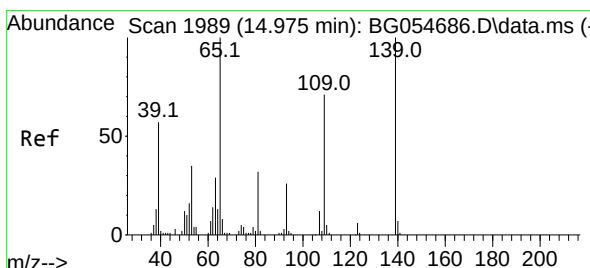
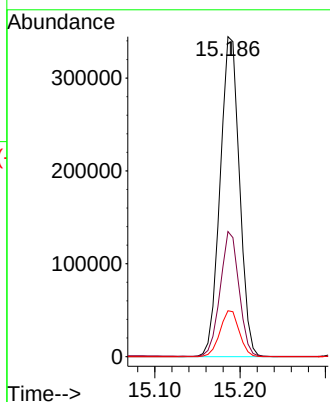
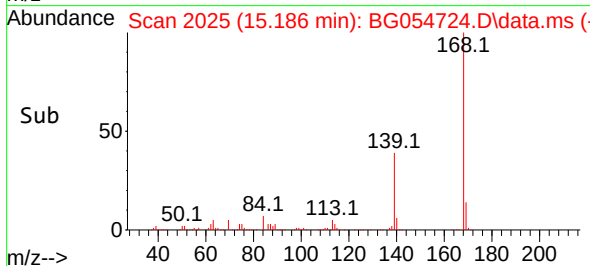


Tgt Ion:168 Resp: 543152
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.2
169 14.3 11.3 16.9

Manual Integrations

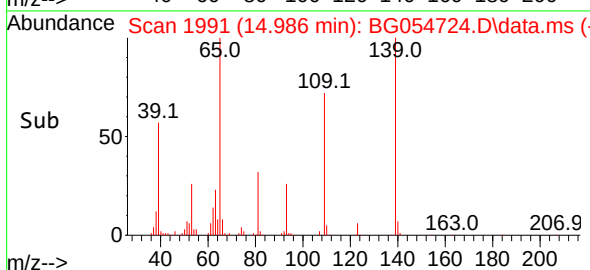
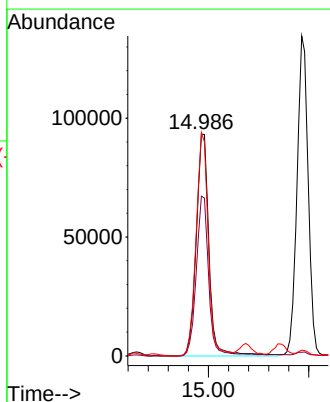
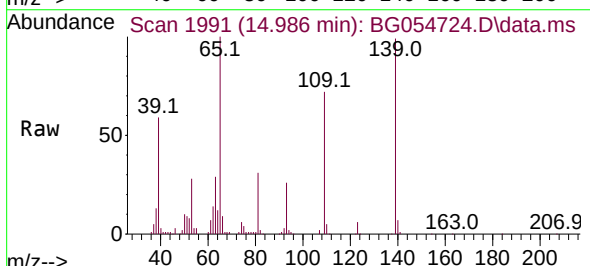
APPROVED

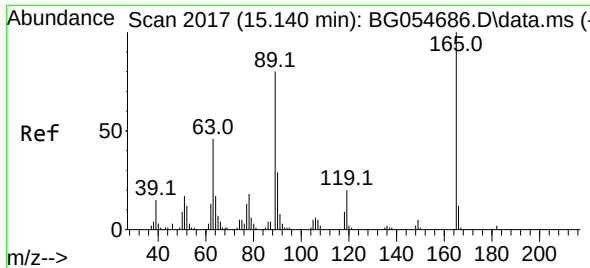
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#56
4-Nitrophenol
Concen: 115.460 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

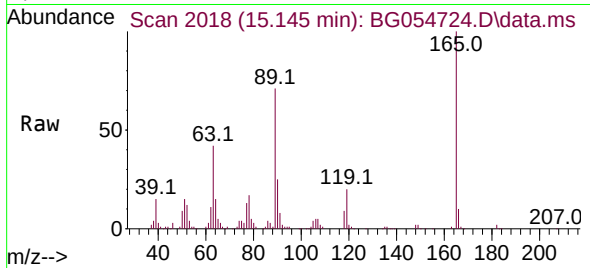
Tgt Ion:139 Resp: 164407
Ion Ratio Lower Upper
139 100
109 72.0 50.5 90.5
65 100.6 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 58.046 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

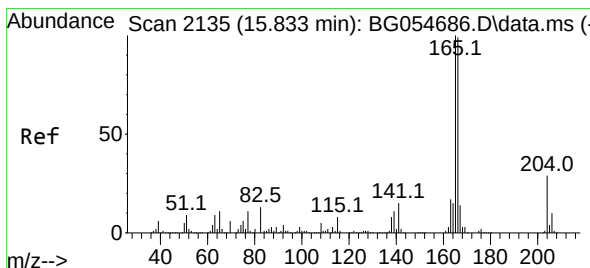
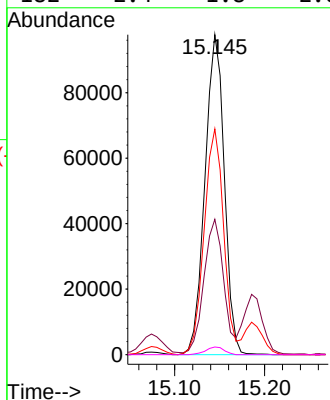
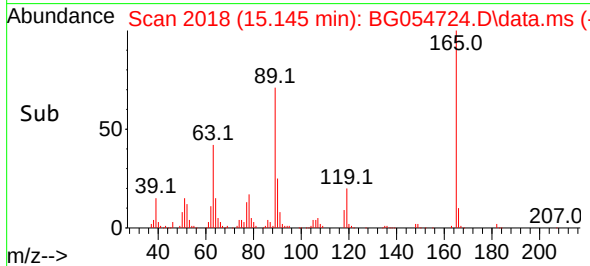
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:165 Resp: 146581
Ion Ratio Lower Upper
165 100
63 42.3 36.8 55.2
89 70.5 64.3 96.5
182 2.4 1.8 2.6

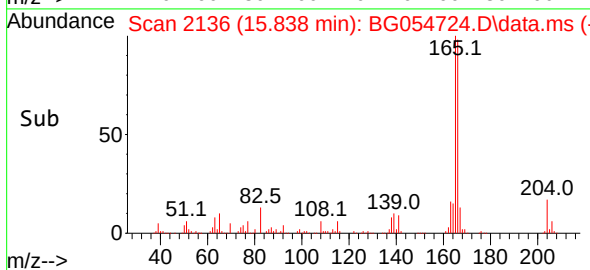
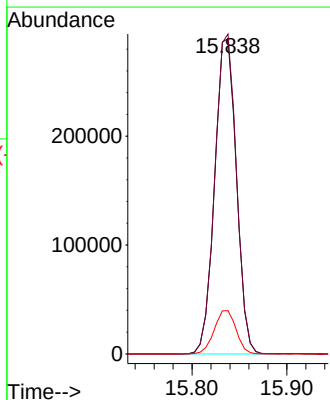
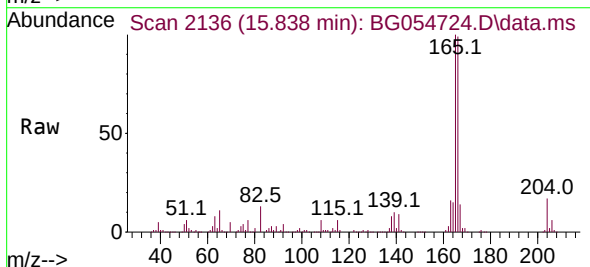
Manual Integrations
APPROVED

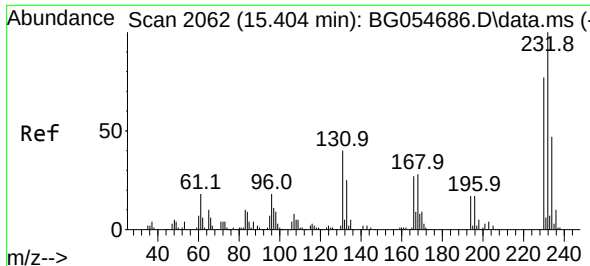
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#58
Fluorene
Concen: 47.124 ng
RT: 15.838 min Scan# 2136
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:166 Resp: 460655
Ion Ratio Lower Upper
166 100
165 101.5 80.8 121.2
167 13.7 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.729 ng
RT: 15.409 min Scan# 2063
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

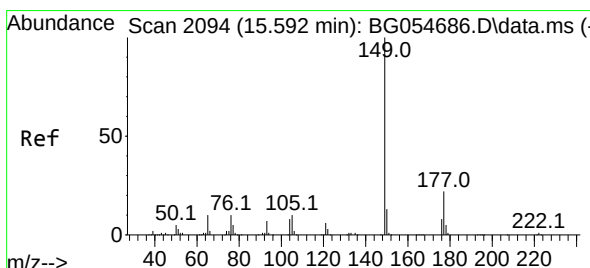
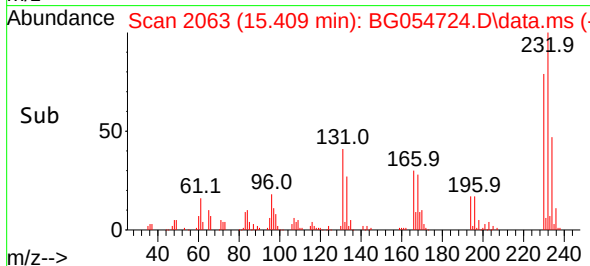
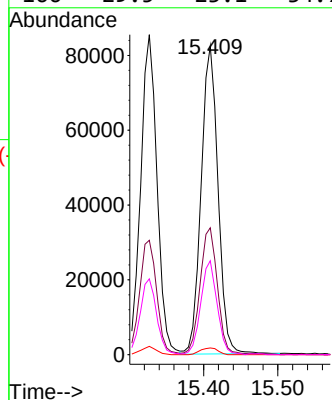
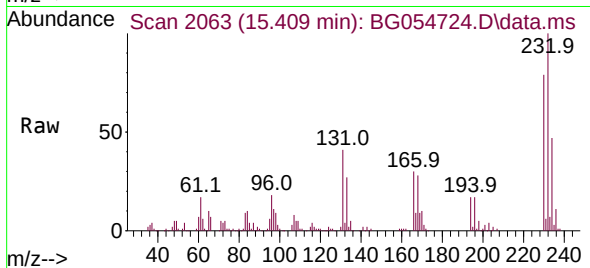
C5MSD

Tgt Ion:232 Resp: 130048
Ion Ratio Lower Upper
232 100
131 42.7 31.3 46.9
130 2.2 1.8 2.6
166 29.5 23.1 34.7

Manual Integrations

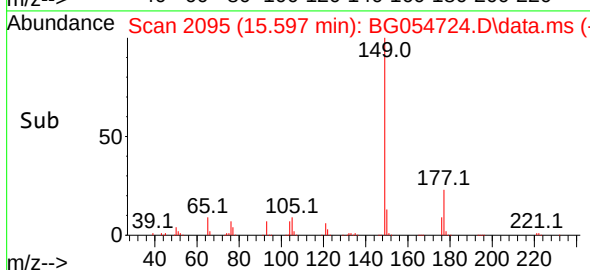
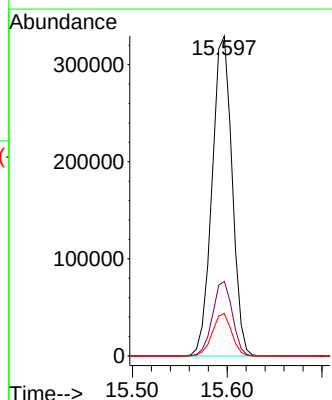
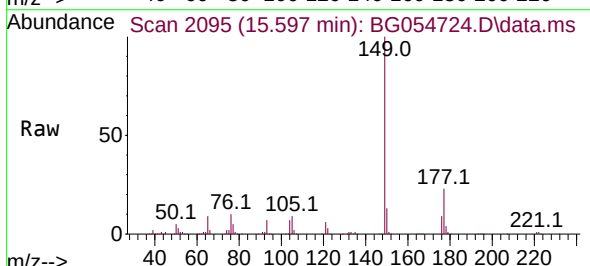
APPROVED

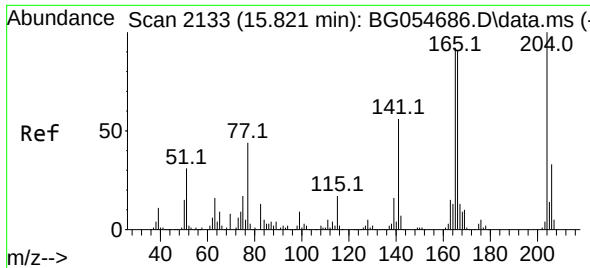
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#60
Diethylphthalate
Concen: 54.145 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

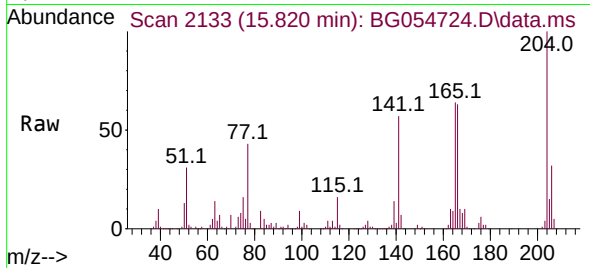
Tgt Ion:149 Resp: 482429
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.6
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.408 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

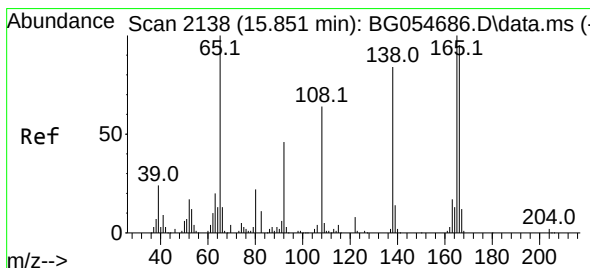
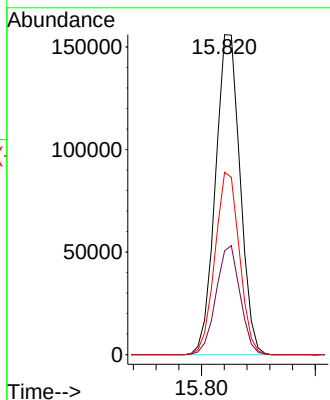
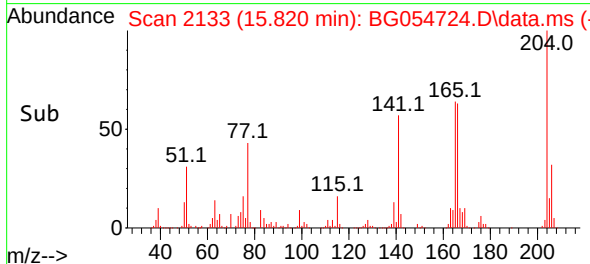
Instrument :
BNA_G
ClientSampleId :
C5MSD



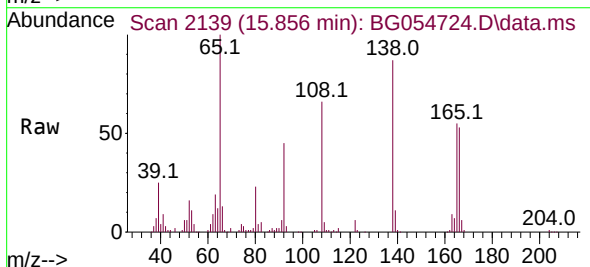
Tgt Ion:204 Resp: 234328
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 57.0 44.9 67.3

Manual Integrations
APPROVED

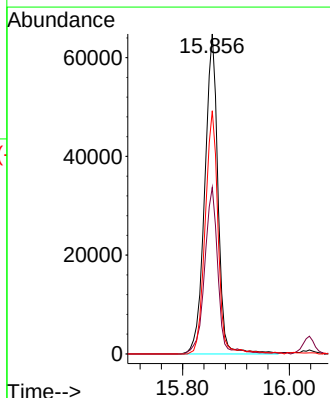
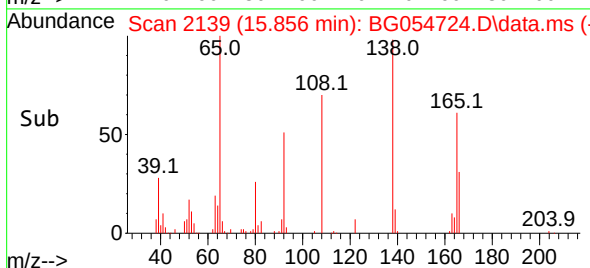
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

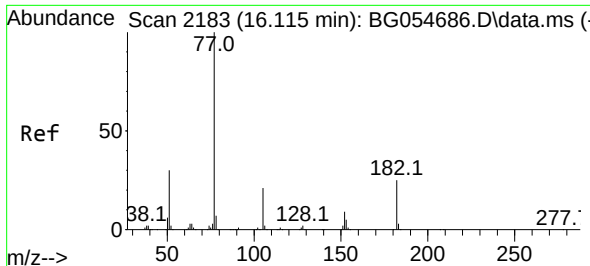


#62
4-Nitroaniline
Concen: 53.459 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



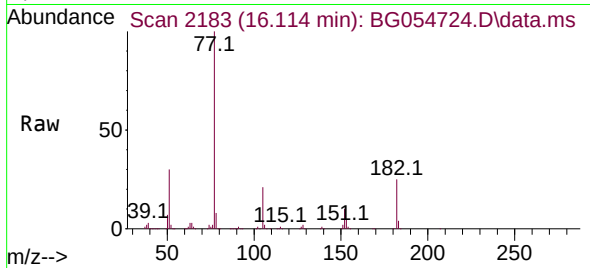
Tgt Ion:138 Resp: 111606
Ion Ratio Lower Upper
138 100
92 52.0 34.7 74.7
108 76.0 56.2 96.2





#63
Azobenzene
Concen: 46.555 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

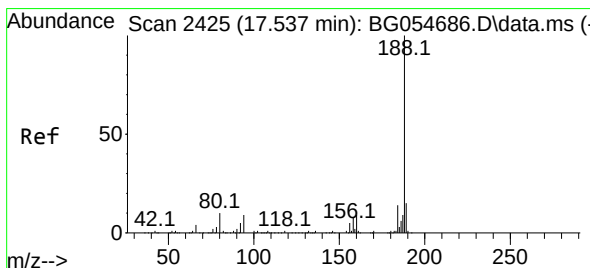
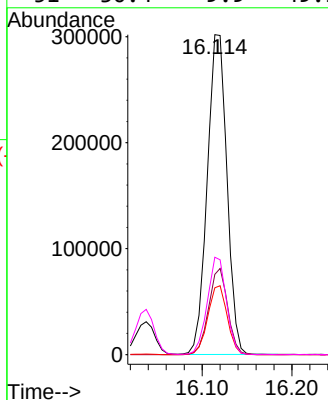
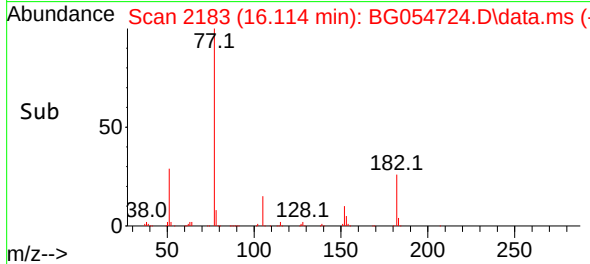
Instrument :
BNA_G
ClientSampleId :
C5MSD



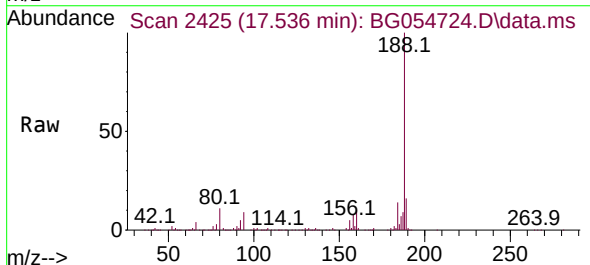
Tgt Ion: 77 Resp: 460688
Ion Ratio Lower Upper
77 100
182 25.1 5.1 45.1
105 20.9 0.7 40.7
51 30.4 9.9 49.9

Manual Integrations
APPROVED

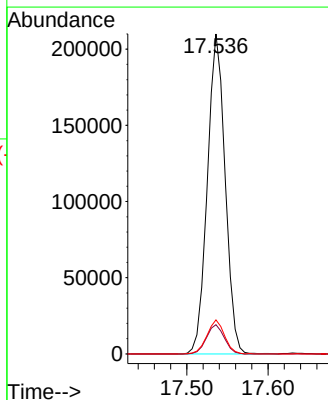
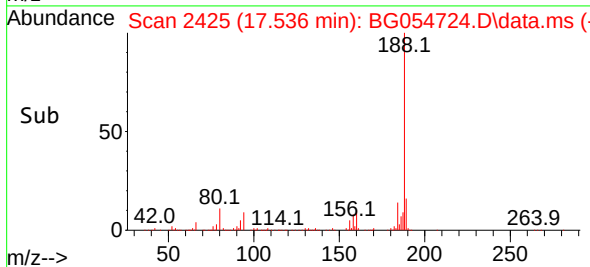
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

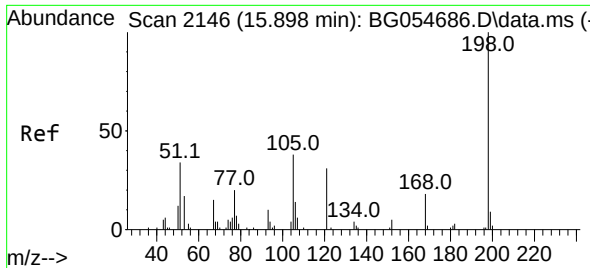


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion:188 Resp: 319455
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.6 7.9 11.9





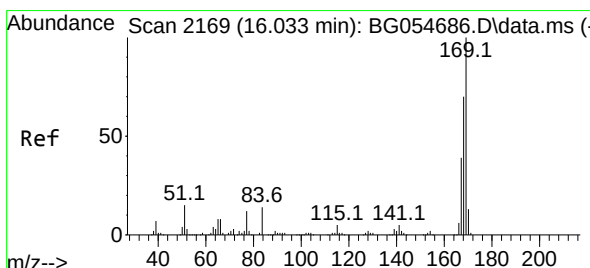
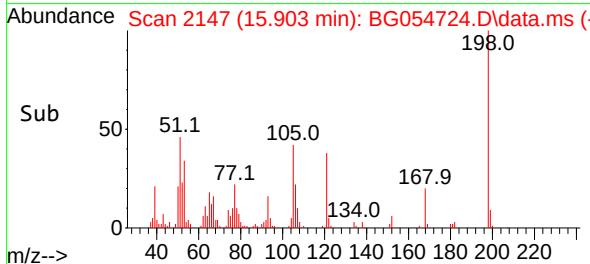
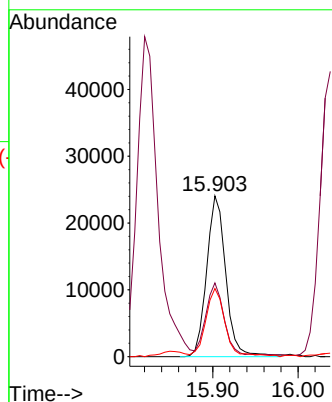
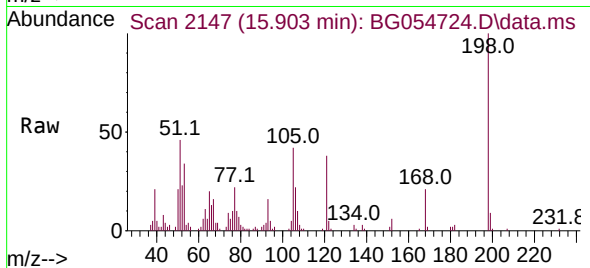
#65
4,6-Dinitro-2-methylphenol
Concen: 38.342 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Instrument :
BNA_G
ClientSampleId :
C5MSD

Tgt Ion:198 Resp: 37415
Ion Ratio Lower Upper
198 100
51 45.9 19.9 59.9
105 42.3 20.3 60.3

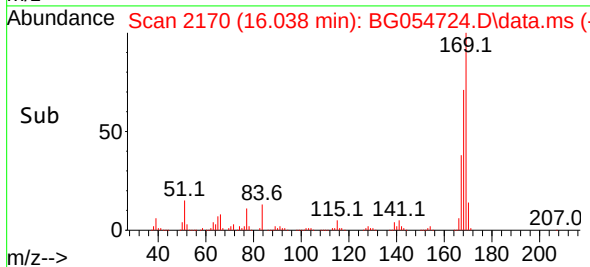
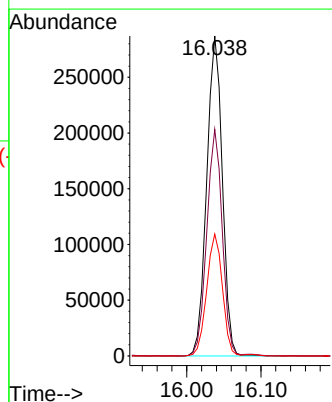
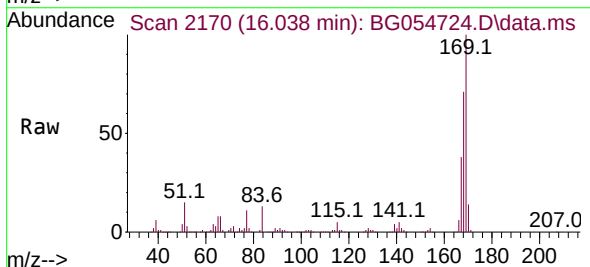
Manual Integrations
APPROVED

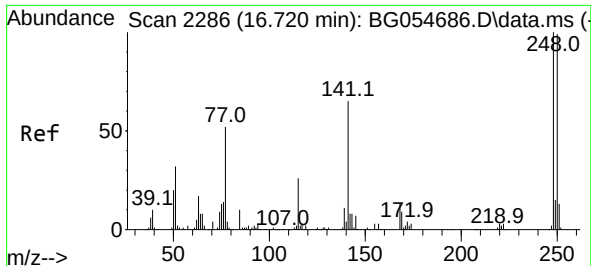
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#66
n-Nitrosodiphenylamine
Concen: 46.135 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

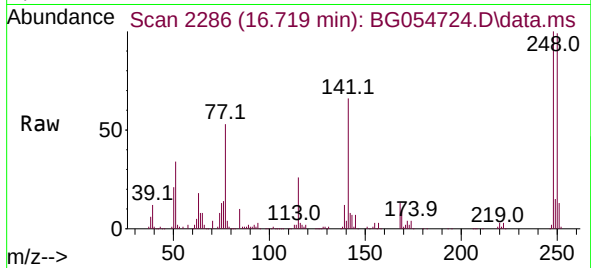
Tgt Ion:169 Resp: 418818
Ion Ratio Lower Upper
169 100
168 70.8 55.6 83.4
167 38.1 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 52.685 ng
RT: 16.719 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

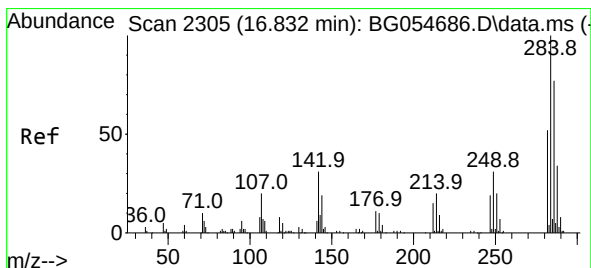
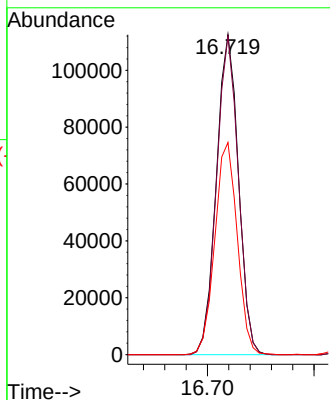
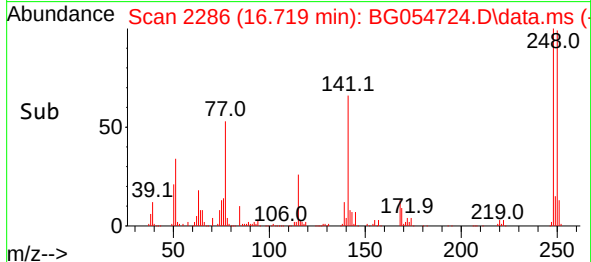
Instrument :
BNA_G
ClientSampleId :
C5MSD



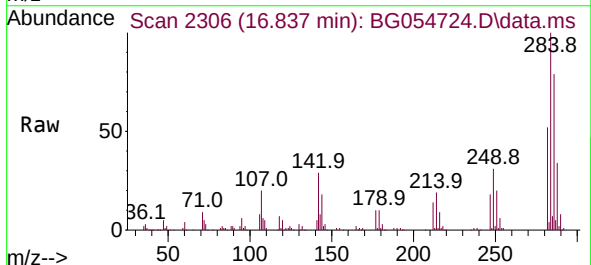
Tgt Ion:248 Resp: 162014
Ion Ratio Lower Upper
248 100
250 99.5 78.8 118.2
141 66.3 51.9 77.9

Manual Integrations
APPROVED

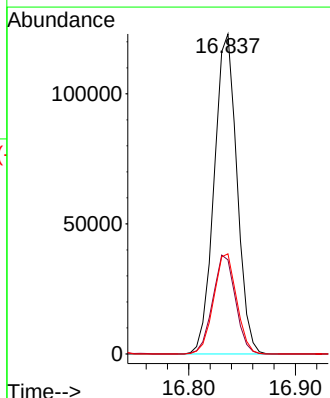
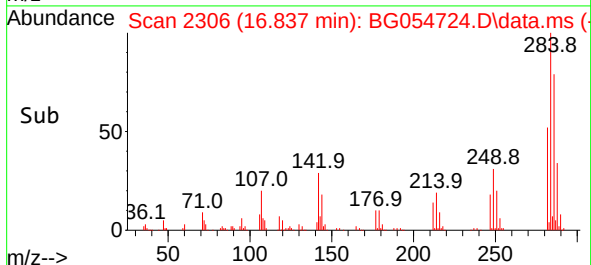
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

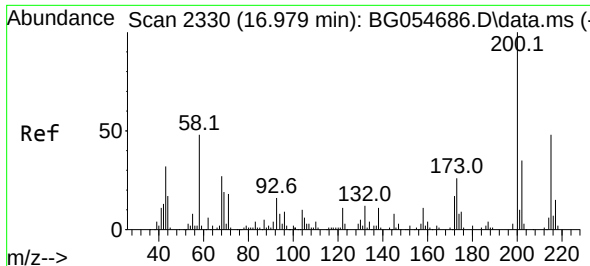


#68
Hexachlorobenzene
Concen: 47.144 ng
RT: 16.837 min Scan# 2306
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



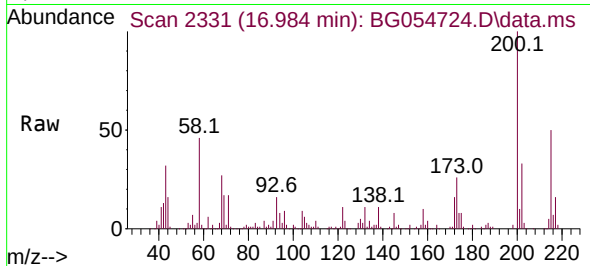
Tgt Ion:284 Resp: 182922
Ion Ratio Lower Upper
284 100
142 29.4 25.0 37.6
249 31.3 24.5 36.7





#69
 Atrazine
 Concen: 59.632 ng
 RT: 16.984 min Scan# 2331
 Delta R.T. 0.005 min
 Lab File: BG054724.D
 Acq: 24 Aug 2022 17:42

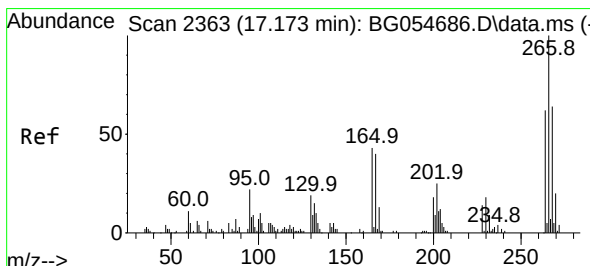
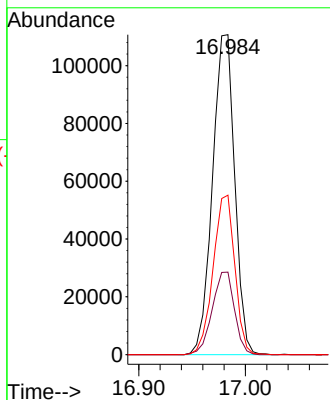
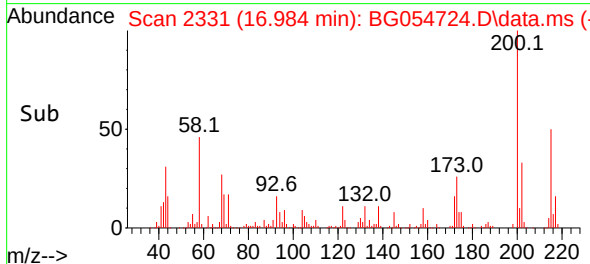
Instrument :
 BNA_G
 ClientSampleId :
 C5MSD



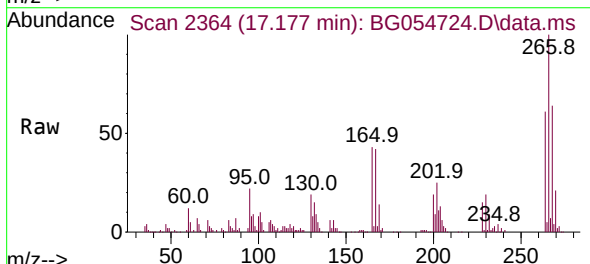
Tgt Ion:200 Resp: 160420
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.6 45.6
 215 49.8 28.2 68.2

Manual Integrations
 APPROVED

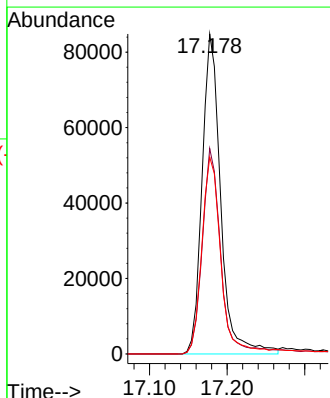
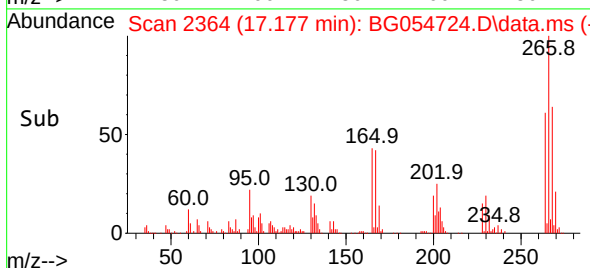
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

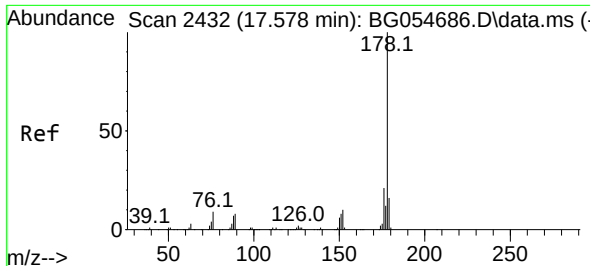


#70
 Pentachlorophenol
 Concen: 66.825 ng
 RT: 17.177 min Scan# 2364
 Delta R.T. 0.005 min
 Lab File: BG054724.D
 Acq: 24 Aug 2022 17:42



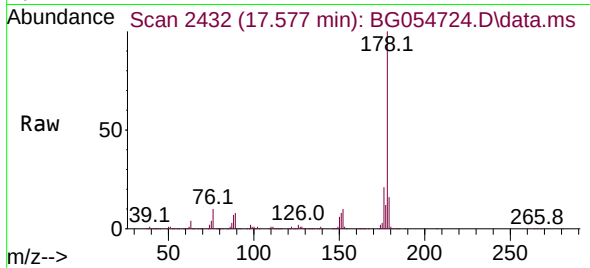
Tgt Ion:266 Resp: 141328
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 61.5 49.4 74.0





#71
Phenanthrene
Concen: 44.167 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

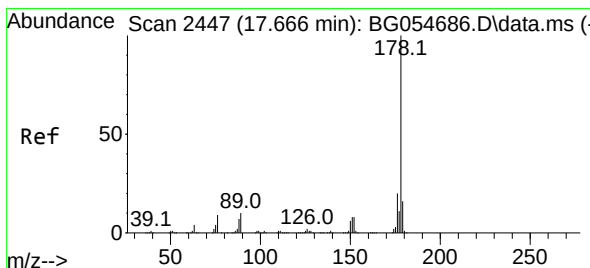
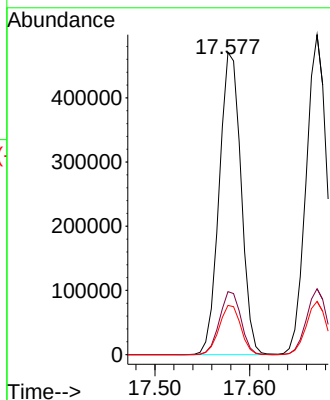
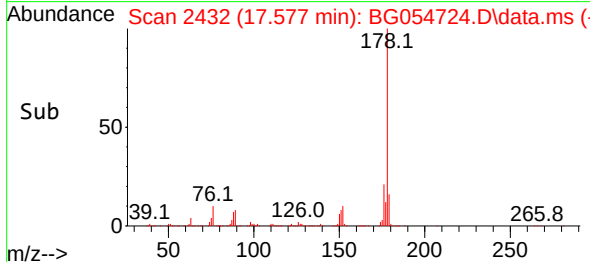
Instrument :
BNA_G
ClientSampleId :
C5MSD



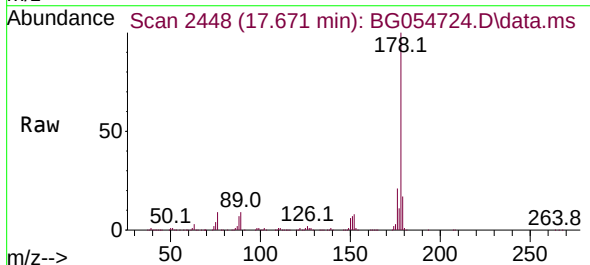
Tgt Ion:178 Resp: 752072
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.3 12.8 19.2

Manual Integrations
APPROVED

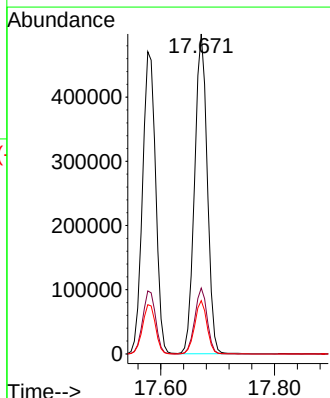
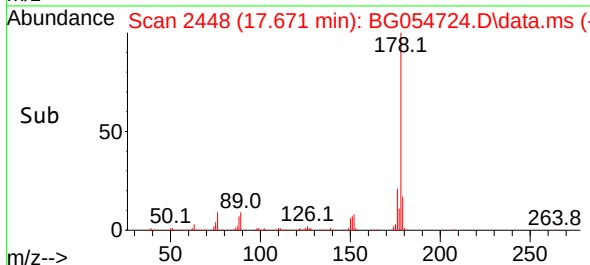
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

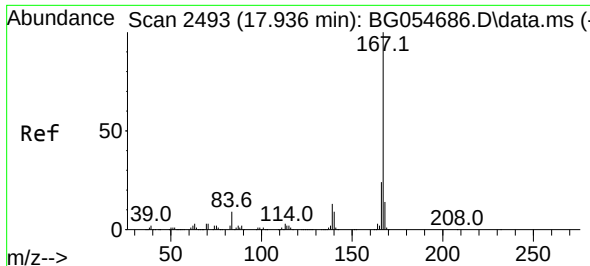


#72
Anthracene
Concen: 46.355 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



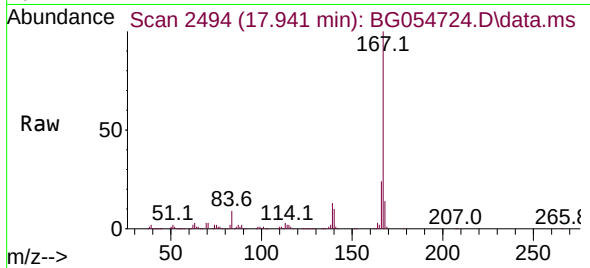
Tgt Ion:178 Resp: 764874
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.7 12.9 19.3





#73
Carbazole
Concen: 47.847 ng
RT: 17.941 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

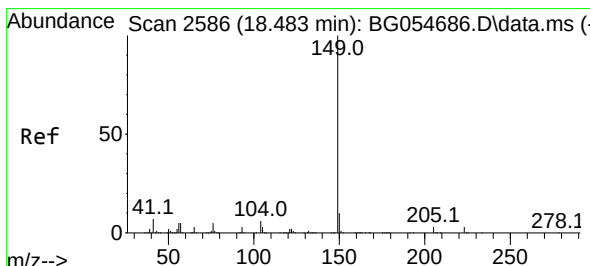
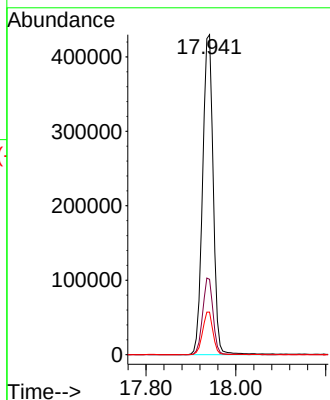
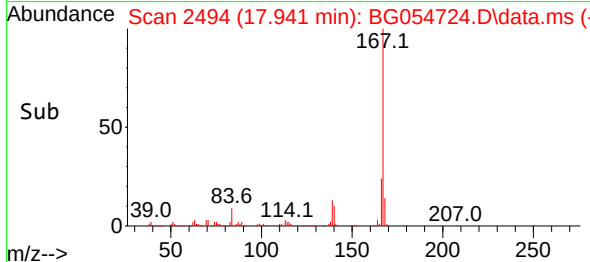
Instrument :
BNA_G
ClientSampleId :
C5MSD



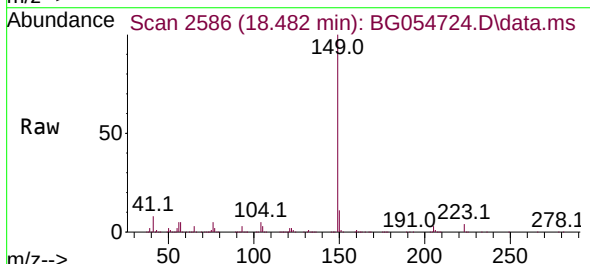
Tgt Ion:167 Resp: 702384
Ion Ratio Lower Upper
167 100
166 23.5 18.8 28.2
139 13.3 10.2 15.4

Manual Integrations
APPROVED

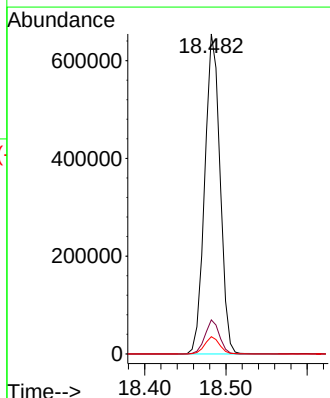
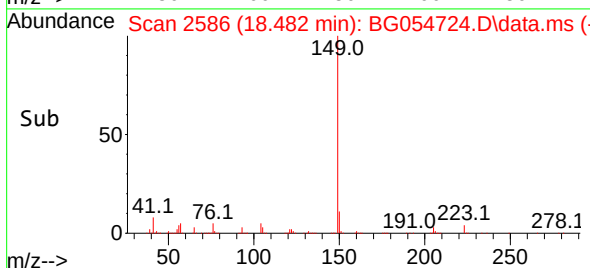
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

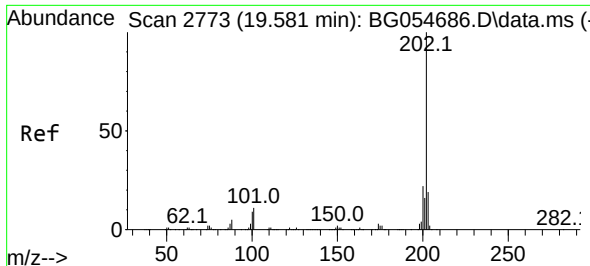


#74
Di-n-butylphthalate
Concen: 54.777 ng
RT: 18.482 min Scan# 2586
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



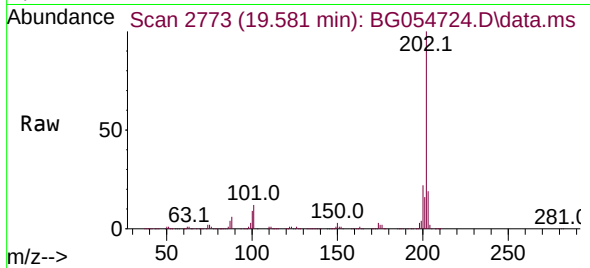
Tgt Ion:149 Resp: 857861
Ion Ratio Lower Upper
149 100
150 10.6 8.0 12.0
104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 44.025 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

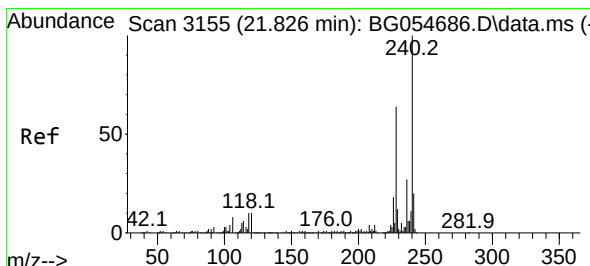
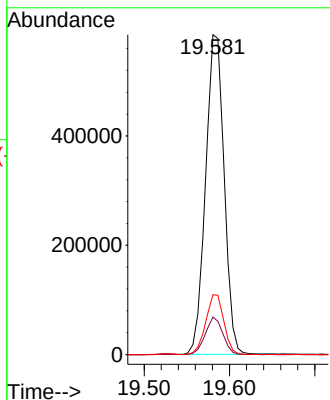
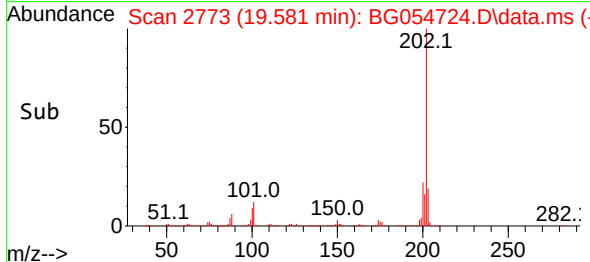
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:202 Resp: 883800
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 18.7 0.0 38.6

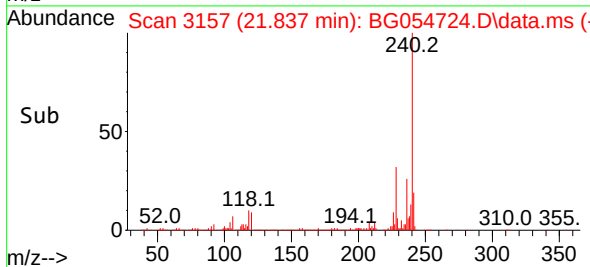
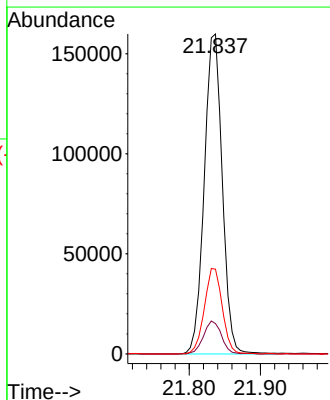
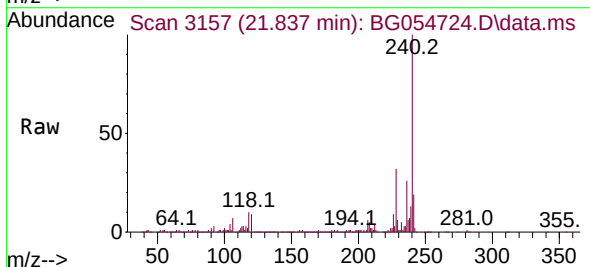
Manual Integrations
APPROVED

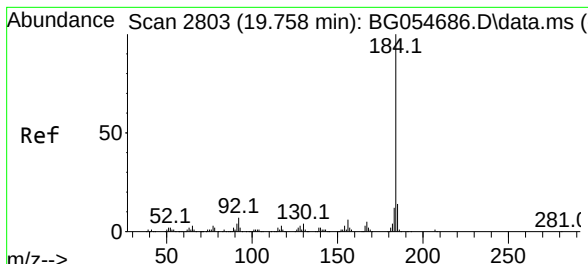
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3157
Delta R.T. 0.011 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

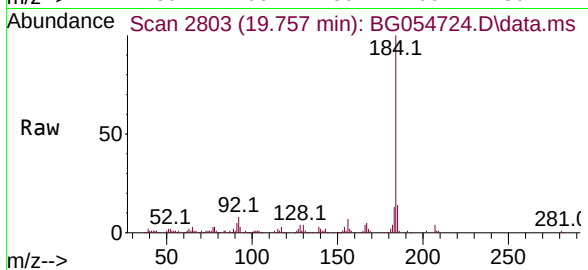
Tgt Ion:240 Resp: 280266
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.5 21.2 31.8





#77
Benzidine
Concen: 20.051 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

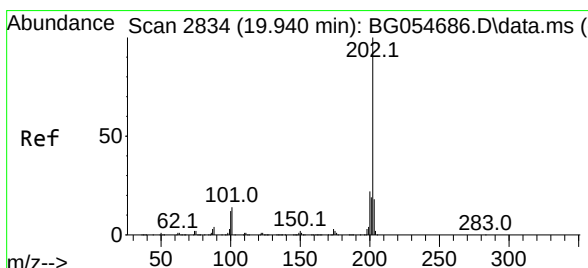
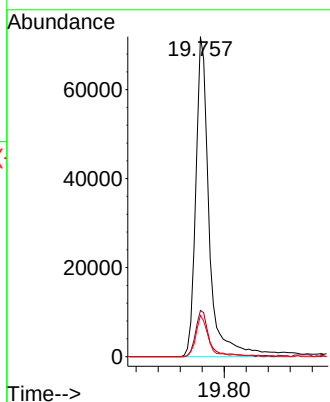
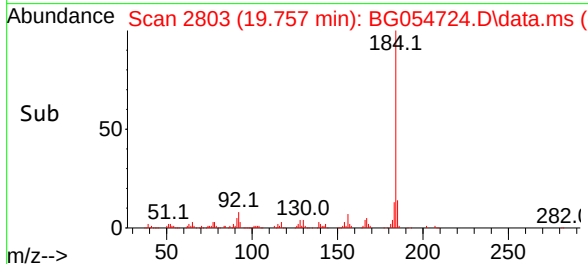
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:184 Resp: 122015
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.9 9.8 14.8

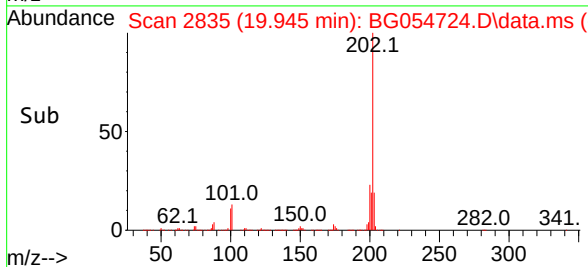
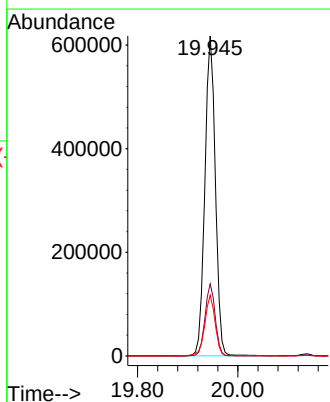
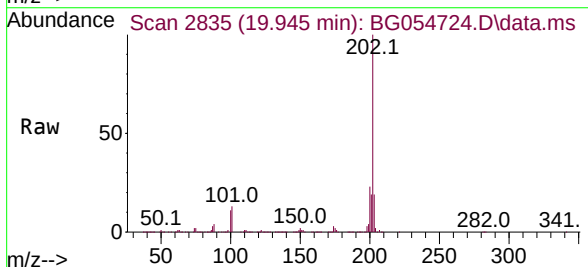
Manual Integrations
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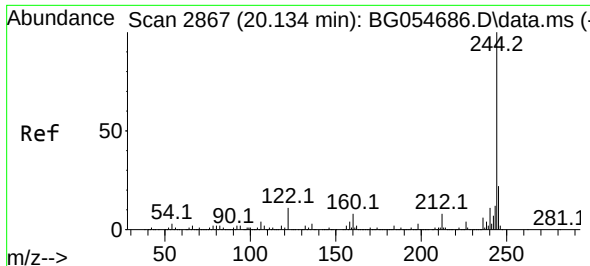
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#78
Pyrene
Concen: 45.410 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

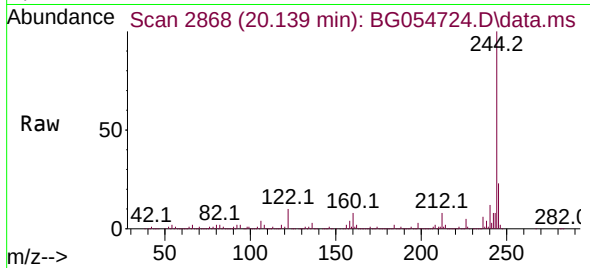
Tgt Ion:202 Resp: 897719
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 19.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 89.064 ng
 RT: 20.139 min Scan# 2867
 Delta R.T. 0.005 min
 Lab File: BG054724.D
 Acq: 24 Aug 2022 17:42

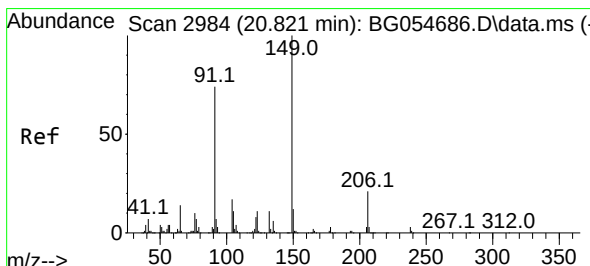
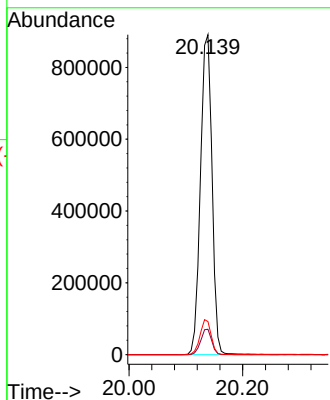
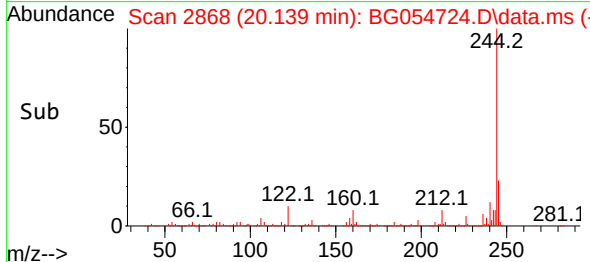
Instrument :
 BNA_G
 ClientSampleId :
 C5MSD



Tgt Ion:244 Resp: 1256584
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.3 9.0 13.6

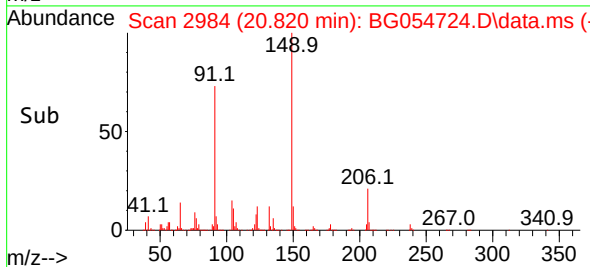
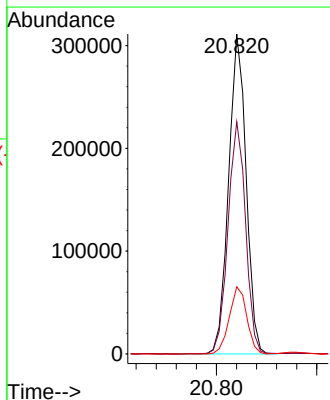
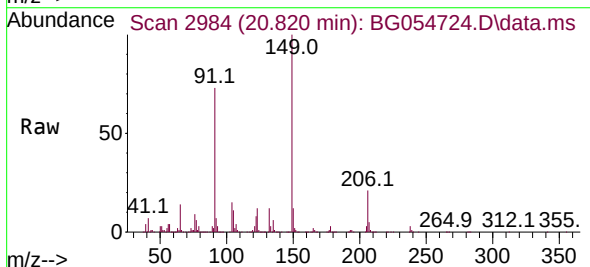
Manual Integrations
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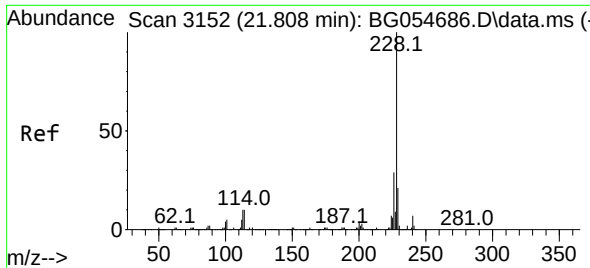
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022



#80
 Butylbenzylphthalate
 Concen: 56.922 ng
 RT: 20.820 min Scan# 2984
 Delta R.T. -0.001 min
 Lab File: BG054724.D
 Acq: 24 Aug 2022 17:42

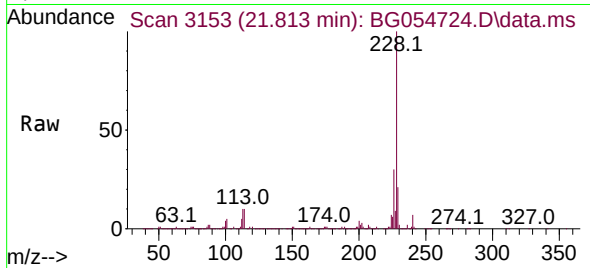
Tgt Ion:149 Resp: 376931
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.5 89.3
 206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.904 ng
RT: 21.813 min Scan# 3152
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

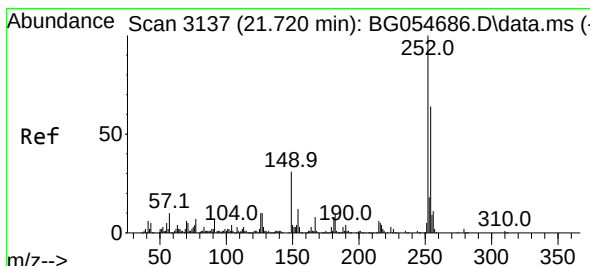
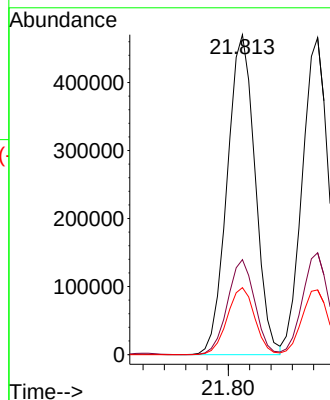
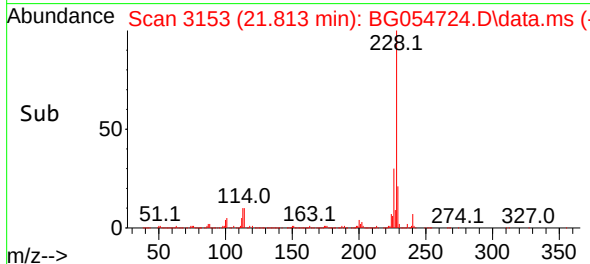
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:228 Resp: 854733
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 20.9 16.5 24.7

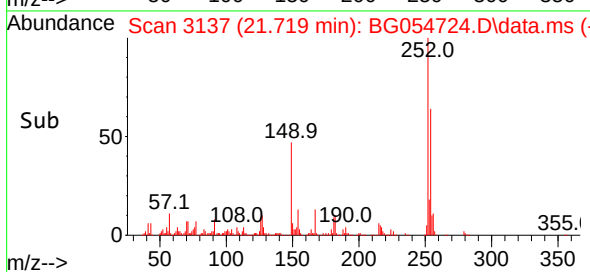
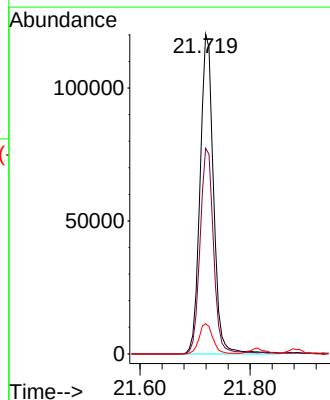
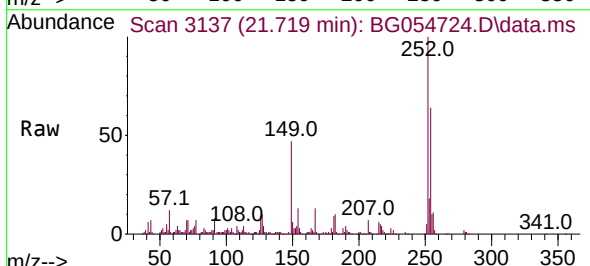
Manual Integrations
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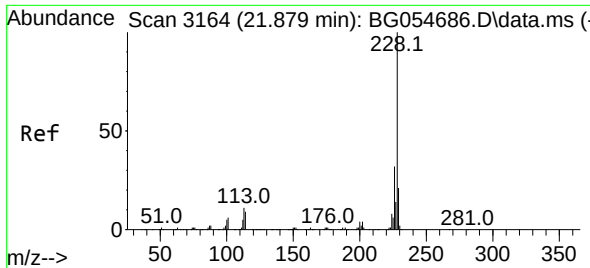
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.303 ng
RT: 21.719 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

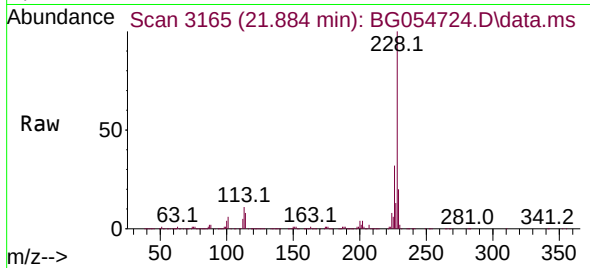
Tgt Ion:252 Resp: 203057
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 9.4 8.2 12.2





#83
Chrysene
Concen: 44.471 ng
RT: 21.884 min Scan# 3165
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

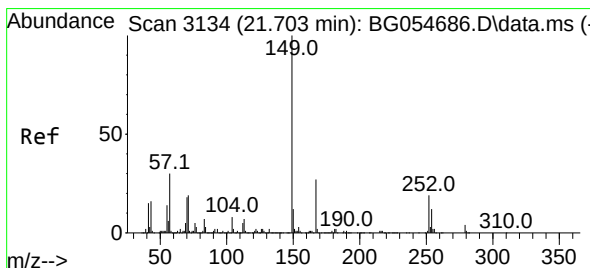
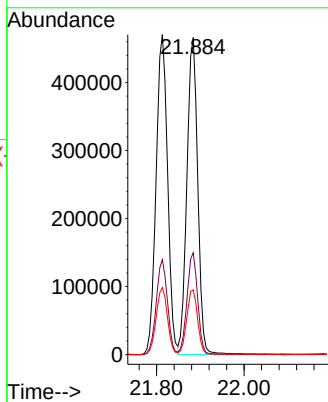
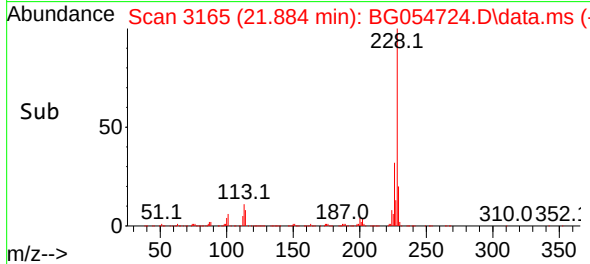
Instrument :
BNA_G
ClientSampleId :
C5MSD



Tgt Ion:228 Resp: 805559
Ion Ratio Lower Upper
228 100
226 32.1 25.5 38.3
229 20.4 16.8 25.2

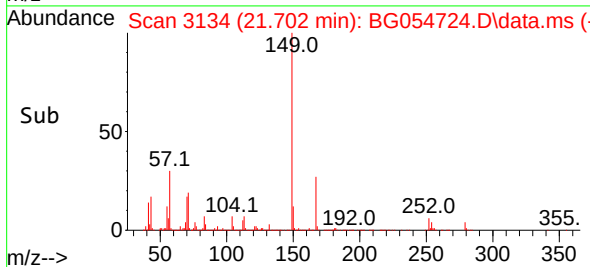
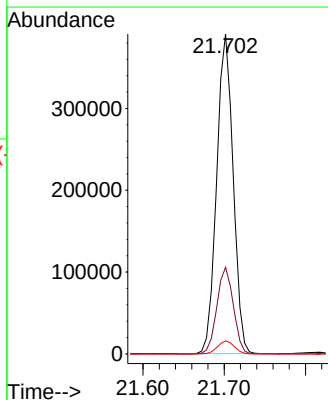
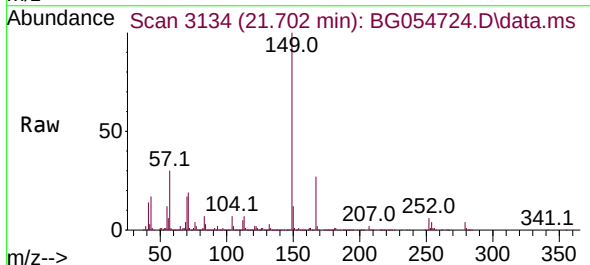
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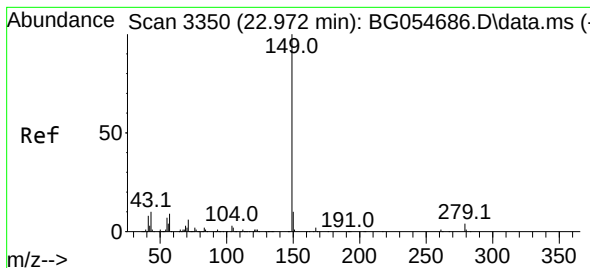
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.970 ng
RT: 21.702 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

Tgt Ion:149 Resp: 549499
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 62.322 ng

RT: 22.971 min Scan# 3350

Delta R.T. -0.001 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

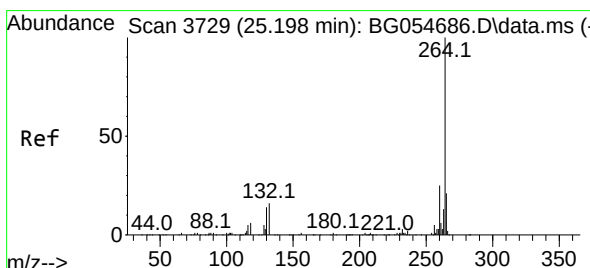
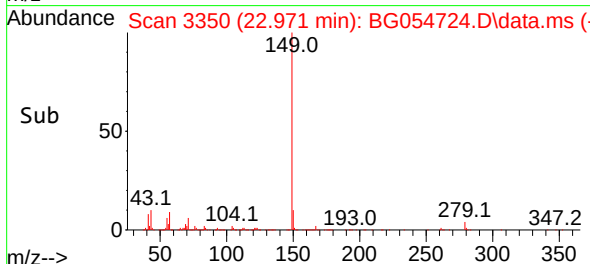
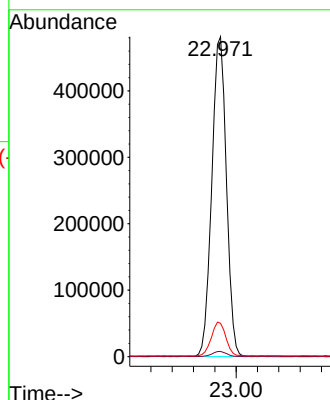
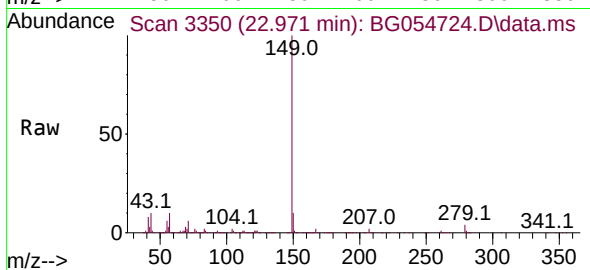
C5MSD

Tgt Ion:149 Resp: 914753
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022



#86

Perylene-d12

Concen: 20.000 ng

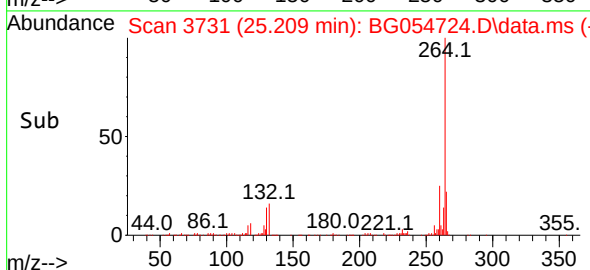
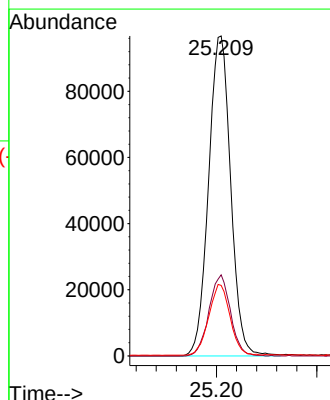
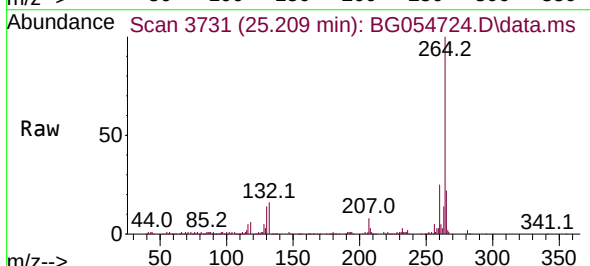
RT: 25.209 min Scan# 3731

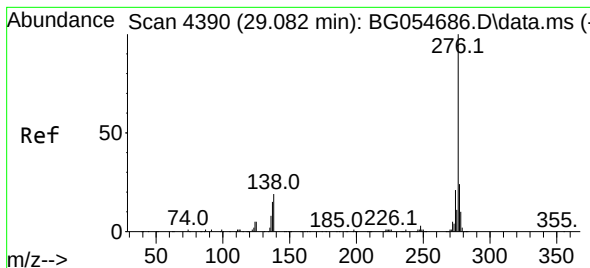
Delta R.T. 0.011 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

Tgt Ion:264 Resp: 295413
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.750 ng

RT: 29.093 min Scan# 4390

Delta R.T. 0.011 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

Instrument :

BNA_G

ClientSampleId :

C5MSD

Tgt Ion:276 Resp: 1008520

Ion Ratio Lower Upper

276 100

138 13.4 12.0 18.0

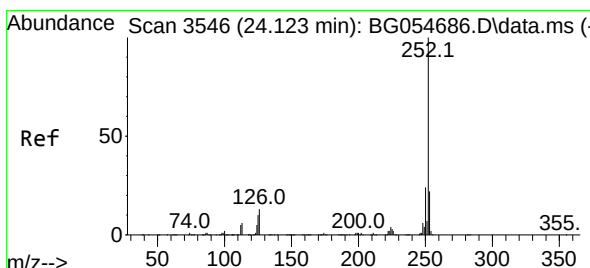
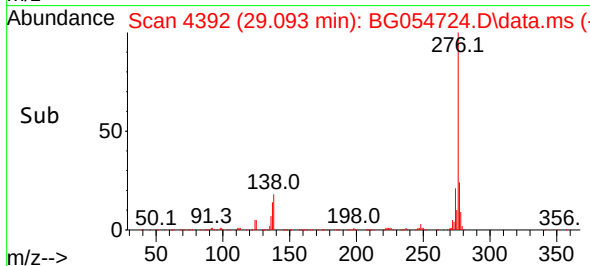
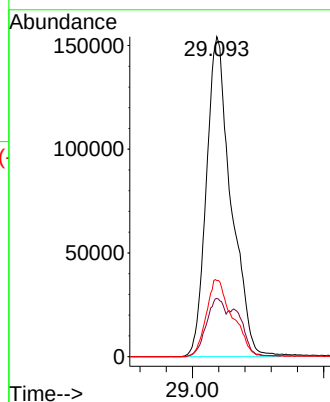
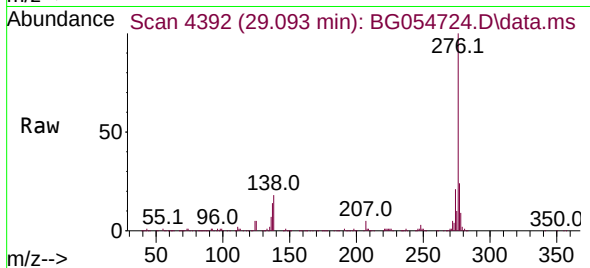
277 25.5 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#88

Benzo(b)fluoranthene

Concen: 47.872 ng

RT: 24.134 min Scan# 3548

Delta R.T. 0.011 min

Lab File: BG054724.D

Acq: 24 Aug 2022 17:42

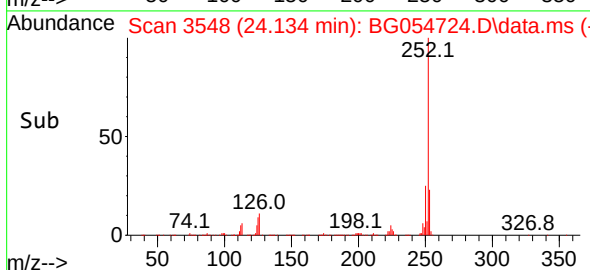
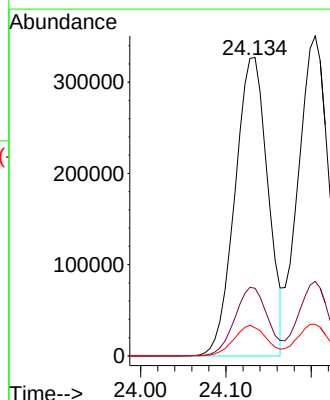
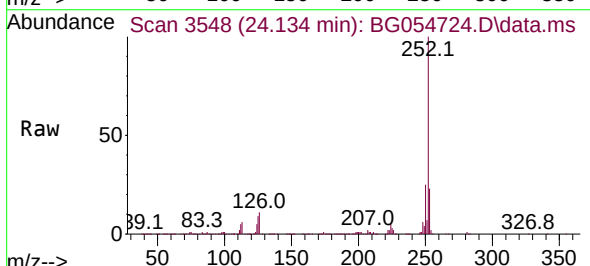
Tgt Ion:252 Resp: 878138

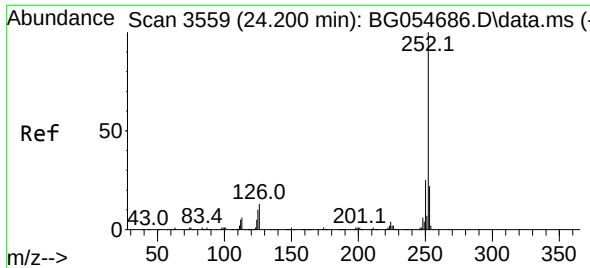
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

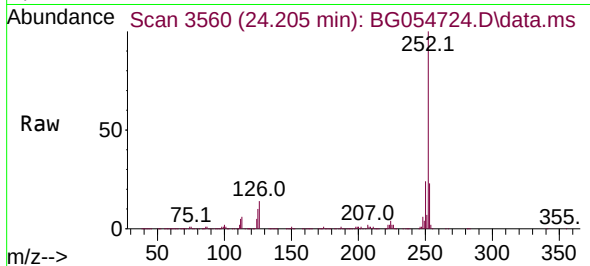
125 9.4 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.467 ng
RT: 24.205 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

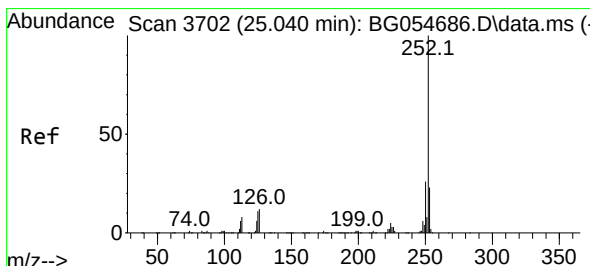
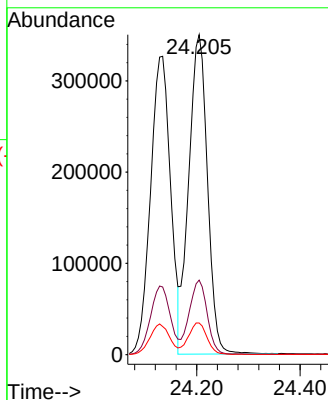
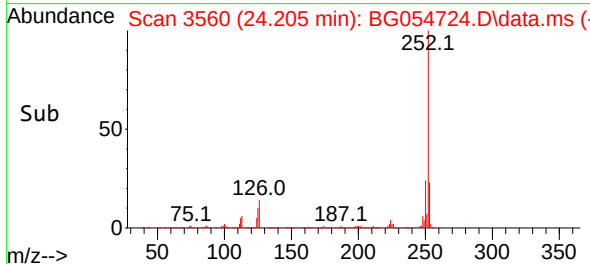
Instrument :
BNA_G
ClientSampleId :
C5MSD



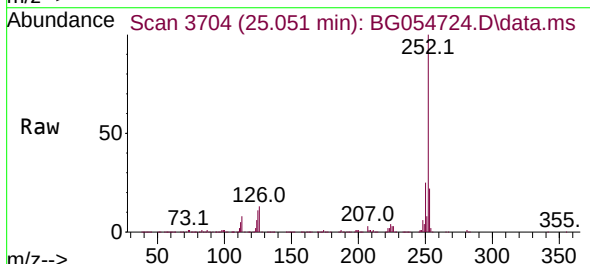
Tgt Ion:252 Resp: 879588
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.9 8.2 12.4

Manual Integrations
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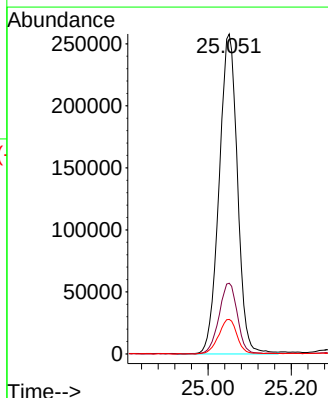
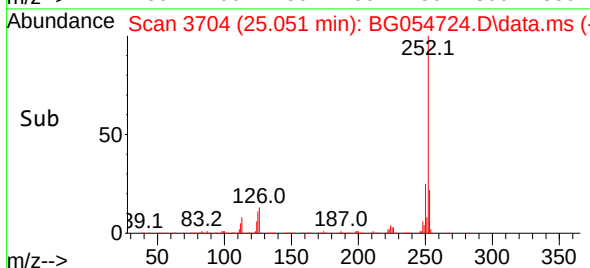
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

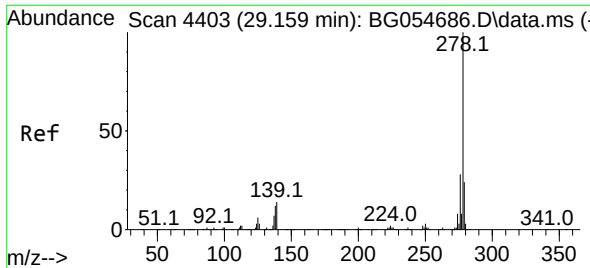


#90
Benzo(a)pyrene
Concen: 49.999 ng
RT: 25.051 min Scan# 3704
Delta R.T. 0.011 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



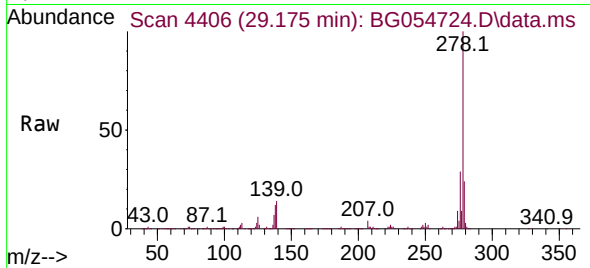
Tgt Ion:252 Resp: 787182
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.103 ng
RT: 29.175 min Scan# 4403
Delta R.T. 0.017 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42

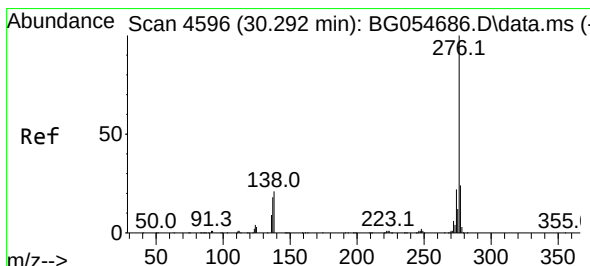
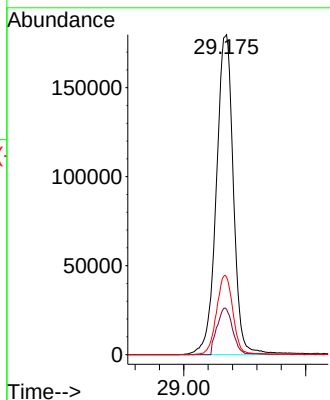
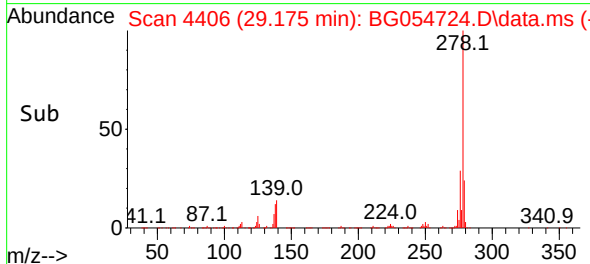
Instrument :
BNA_G
ClientSampleId :
C5MSD



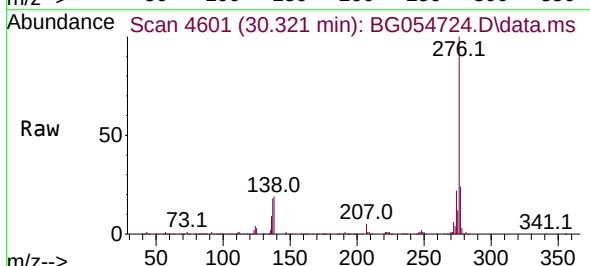
Tgt Ion: 278 Resp: 871115
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 24.3 19.3 28.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/25/2022
Supervised By : Jagrut Upadhyay 08/25/2022



#92
Benzo(g,h,i)perylene
Concen: 48.993 ng
RT: 30.321 min Scan# 4601
Delta R.T. 0.028 min
Lab File: BG054724.D
Acq: 24 Aug 2022 17:42



Tgt Ion: 276 Resp: 867380
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 19.1 16.6 25.0

