

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014298.D
 Acq On : 24 Mar 2023 20:40
 Operator : CG/JU
 Sample : PB151614BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151614BS

Quant Time: Mar 25 03:21:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/27/2023
 Supervised By : Jagrut Upadhyay 03/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	194875	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	761985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	430739	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	774847	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	497780	20.000	ng	# 0.00
86) Perylene-d12	24.033	264	488432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1887688	157.093	ng	0.00
7) Phenol-d6	7.199	99	2459152	155.873	ng	0.00
23) Nitrobenzene-d5	9.210	82	1637257	98.207	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	872635	124.951	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	3273246	98.453	ng	0.00
79) Terphenyl-d14	19.974	244	3392683	112.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	203063	38.899	ng	95
3) Pyridine	3.852	79	532900	36.759	ng	96
4) n-Nitrosodimethylamine	3.764	42	298778	46.430	ng	97
6) Aniline	7.357	93	879929	42.460	ng	97
8) 2-Chlorophenol	7.593	128	661233	51.378	ng	93
9) Benzaldehyde	7.169	77	501176m	63.481	ng	
10) Phenol	7.222	94	875193	53.301	ng	99
11) bis(2-Chloroethyl)ether	7.452	93	661537	50.884	ng	98
12) 1,3-Dichlorobenzene	7.916	146	703824	49.766	ng	99
13) 1,4-Dichlorobenzene	8.069	146	724213	50.617	ng	100
14) 1,2-Dichlorobenzene	8.387	146	690147	50.361	ng	99
15) Benzyl Alcohol	8.281	79	663900m	51.613	ng	
16) 2,2'-oxybis(1-Chloropr...	8.563	45	871627m	61.582	ng	
17) 2-Methylphenol	8.481	107	575037	49.105	ng	99
18) Hexachloroethane	9.116	117	278914	51.892	ng	95
19) n-Nitroso-di-n-propyla...	8.851	70	544750	52.459	ng	98
20) 3+4-Methylphenols	8.816	107	778535	49.365	ng	99
22) Acetophenone	8.869	105	1036358	48.488	ng	# 98
24) Nitrobenzene	9.251	77	828879	48.591	ng	96
25) Isophorone	9.781	82	1426806	46.447	ng	98
26) 2-Nitrophenol	9.963	139	355496	47.911	ng	96
27) 2,4-Dimethylphenol	10.022	122	598415	49.602	ng	98
28) bis(2-Chloroethoxy)met...	10.257	93	874968	49.212	ng	98
29) 2,4-Dichlorophenol	10.504	162	619246	46.890	ng	98
30) 1,2,4-Trichlorobenzene	10.716	180	686405	45.780	ng	98
31) Naphthalene	10.904	128	1936108	46.241	ng	99
32) Benzoic acid	10.193	122	392673	39.766	ng	94
33) 4-Chloroaniline	11.022	127	261092	14.547	ng	97
34) Hexachlorobutadiene	11.181	225	461340	42.321	ng	99
35) Caprolactam	11.828	113	163564	43.268	ng	86
36) 4-Chloro-3-methylphenol	12.140	107	684356	46.464	ng	96
37) 2-Methylnaphthalene	12.504	142	1313333	42.517	ng	99
38) 1-Methylnaphthalene	12.728	142	1221626	42.427	ng	99
40) 1,2,4,5-Tetrachloroben...	12.875	216	796474	48.511	ng	98
41) Hexachlorocyclopentadiene	12.845	237	1119673	108.665	ng	97
43) 2,4,6-Trichlorophenol	13.116	196	493177	47.521	ng	99

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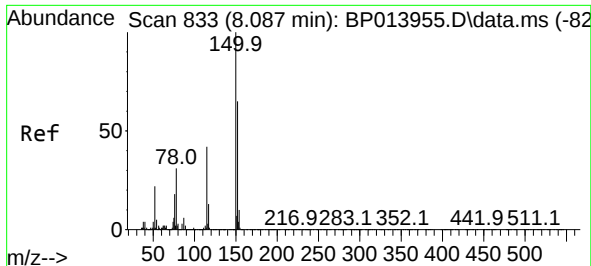
Manual Integrations
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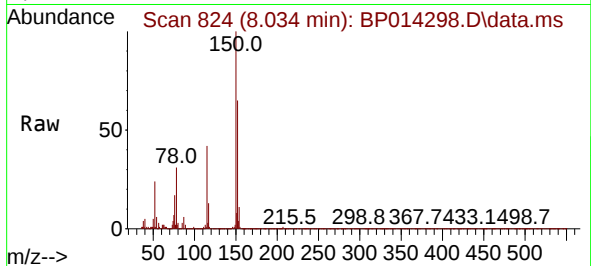
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.187	196	519804	43.224	ng	99
46) 1,1'-Biphenyl	13.510	154	1741522	50.230	ng	98
47) 2-Chloronaphthalene	13.557	162	1322364	49.545	ng	99
48) 2-Nitroaniline	13.769	65	412682	50.948	ng	96
49) Acenaphthylene	14.404	152	1995200	47.007	ng	99
50) Dimethylphthalate	14.134	163	1540072	43.339	ng	99
51) 2,6-Dinitrotoluene	14.257	165	338010	45.169	ng	94
52) Acenaphthene	14.745	154	1191152	46.619	ng	99
53) 3-Nitroaniline	14.592	138	201346	27.454	ng	95
54) 2,4-Dinitrophenol	14.798	184	406224	73.474	ng	93
55) Dibenzofuran	15.075	168	1904214	45.714	ng	99
56) 4-Nitrophenol	14.904	139	495438	82.960	ng	92
57) 2,4-Dinitrotoluene	15.045	165	437670	43.753	ng	96
58) Fluorene	15.728	166	1479493	44.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.304	232	434995	41.462	ng	96
60) Diethylphthalate	15.492	149	1473322	41.992	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	800938	42.717	ng	97
62) 4-Nitroaniline	15.763	138	297086	40.683	ng	91
63) Azobenzene	16.010	77	1608355	49.540	ng	96
65) 4,6-Dinitro-2-methylph...	15.810	198	257743	44.909	ng	92
66) n-Nitrosodiphenylamine	15.933	169	1244099	50.811	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	476019	46.444	ng	96
68) Hexachlorobenzene	16.733	284	539246	49.085	ng	99
69) Atrazine	16.886	200	413407	48.091	ng	100
70) Pentachlorophenol	17.086	266	627100	79.148	ng	99
71) Phenanthrene	17.480	178	2085670	48.183	ng	99
72) Anthracene	17.569	178	2101931	47.523	ng	99
73) Carbazole	17.839	167	1754623	45.990	ng	99
74) Di-n-butylphthalate	18.369	149	2108510	44.202	ng	100
75) Fluoranthene	19.433	202	2051827	39.657	ng	98
77) Benzidine	19.616	184	880113	94.520	ng	99
78) Pyrene	19.786	202	2079147	54.419	ng	100
80) Butylbenzylphthalate	20.645	149	733740	50.656	ng	95
81) Benzo(a)anthracene	21.498	228	1713805	46.923	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	422380	36.142	ng	# 98
83) Chrysene	21.557	228	1609938	46.546	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	1027052	48.333	ng	99
85) Di-n-octyl phthalate	22.357	149	1641547	47.590	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	1907230	50.536	ng	97
88) Benzo(b)fluoranthene	23.262	252	1605541	50.200	ng	99
89) Benzo(k)fluoranthene	23.310	252	1569616m	49.499	ng	
90) Benzo(a)pyrene	23.921	252	1377913	45.168	ng	# 99
91) Dibenzo(a,h)anthracene	26.692	278	1600099	50.999	ng	98
92) Benzo(g,h,i)perylene	27.498	276	1577565	50.737	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.006 min
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Acq: 24 Mar 2023 20:40

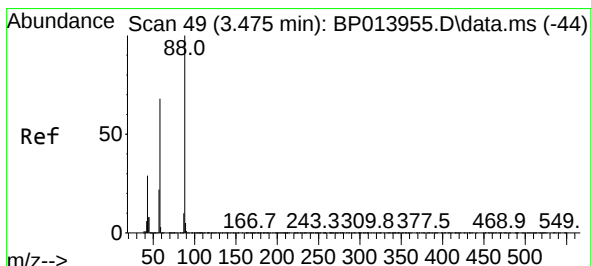
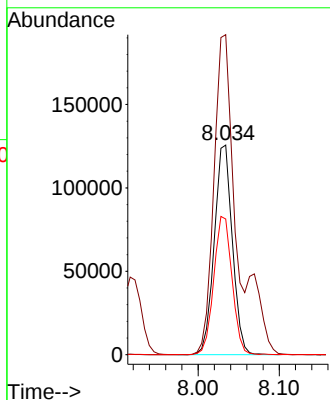
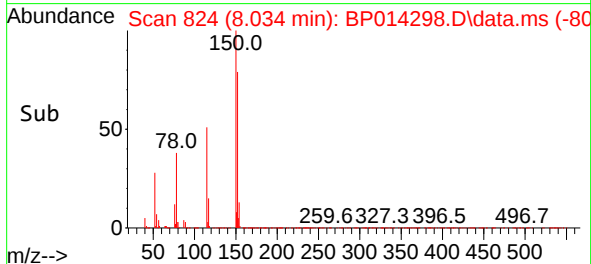
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:152 Resp: 19487
Ion Ratio Lower Upper
152 100
150 152.7 122.3 183.5
115 64.8 51.6 77.4

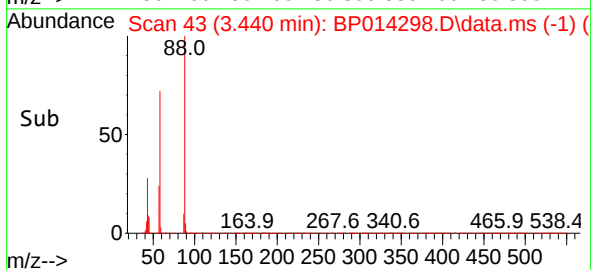
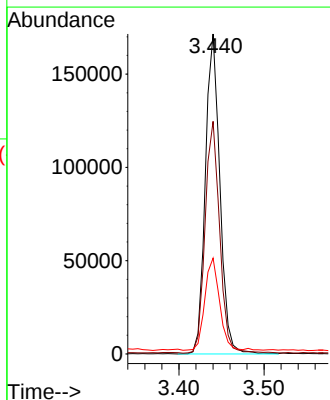
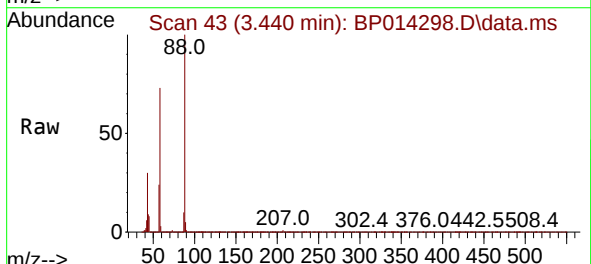
Manual Integrations
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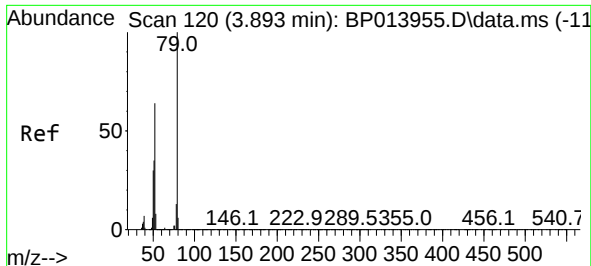
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#2
1,4-Dioxane
Concen: 38.899 ng
RT: 3.440 min Scan# 43
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

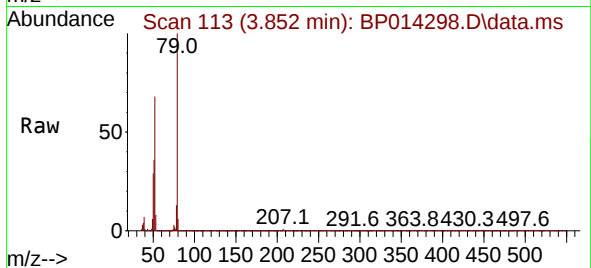
Tgt Ion: 88 Resp: 203063
Ion Ratio Lower Upper
88 100
58 72.6 53.8 80.8
43 29.1 22.1 33.1





#3
Pyridine
Concen: 36.759 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

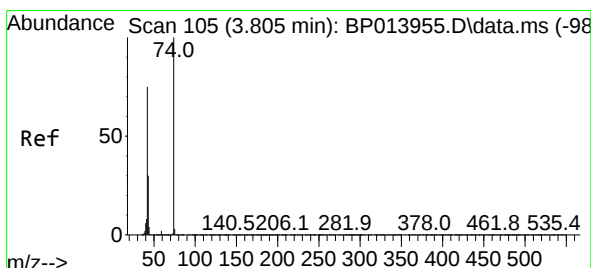
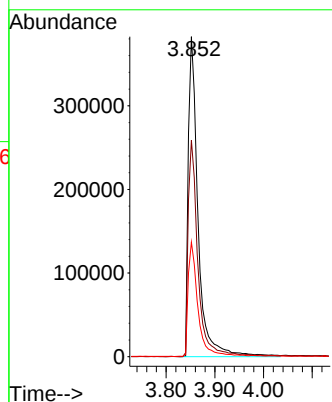
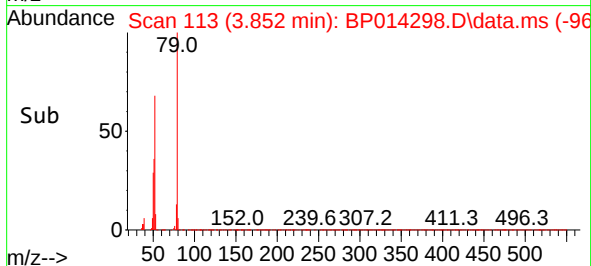
Instrument :
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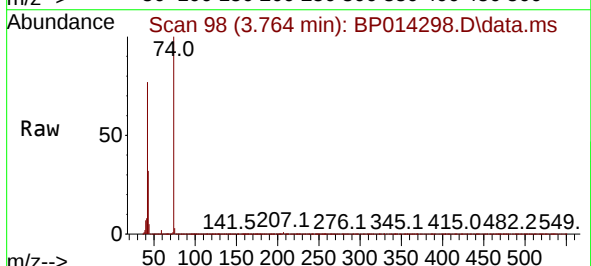
Tgt Ion: 79 Resp: 532900
Ion Ratio Lower Upper
79 100
52 67.7 51.0 76.4
51 35.8 28.2 42.2

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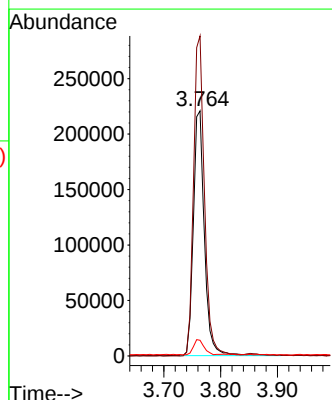
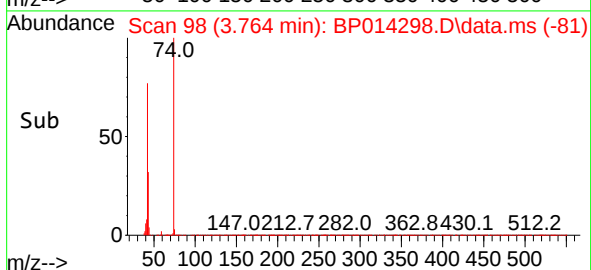
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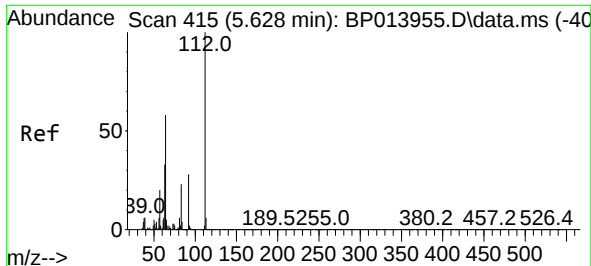


#4
n-Nitrosodimethylamine
Concen: 46.430 ng
RT: 3.764 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion: 42 Resp: 298778
Ion Ratio Lower Upper
42 100
74 130.6 107.0 160.6
44 6.4 4.5 6.7





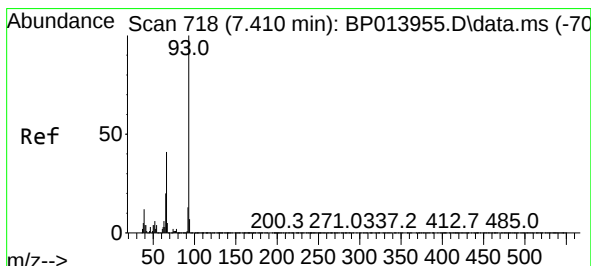
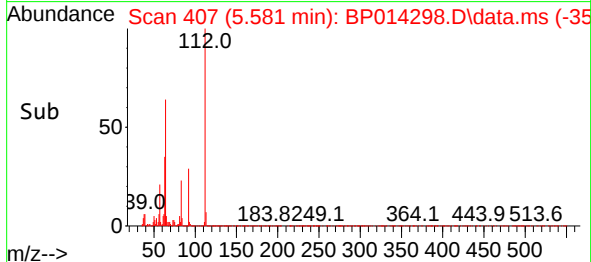
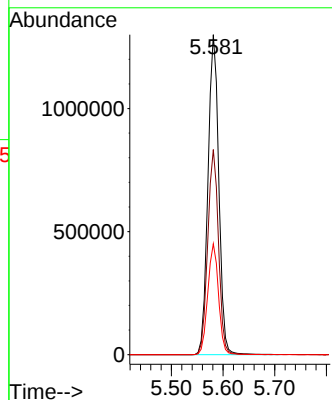
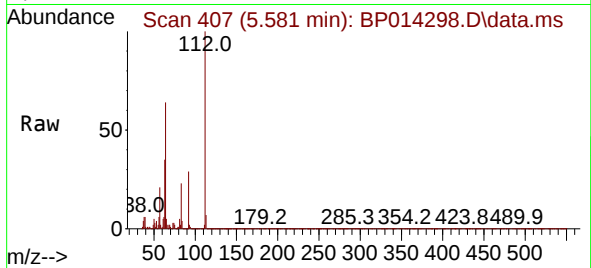
#5
2-Fluorophenol
Concen: 157.093 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:112 Resp: 1887688
Ion Ratio Lower Upper
112 100
64 64.1 46.7 70.1
63 34.7 26.6 40.0

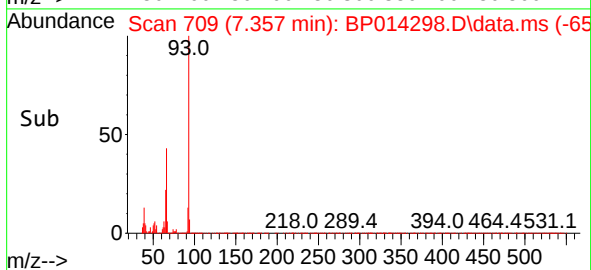
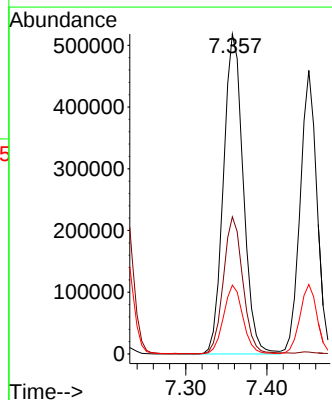
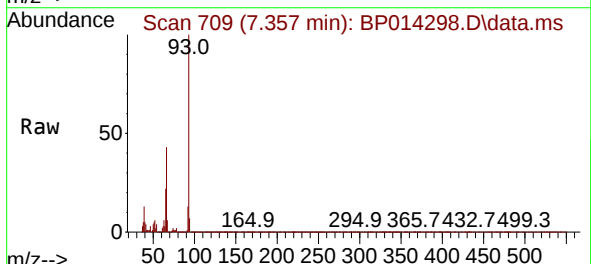
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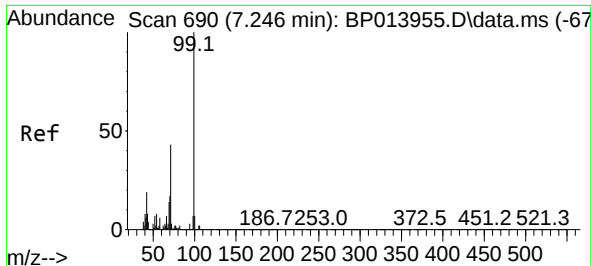
Reviewed By :Christian Giraldo 03/27/2023
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#6
Aniline
Concen: 42.460 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

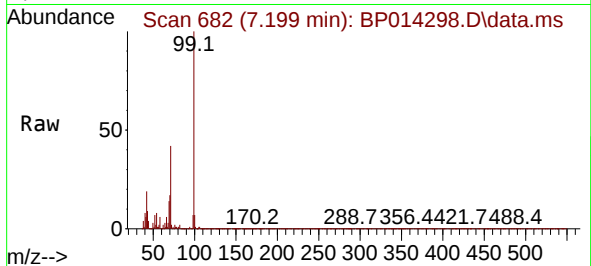
Tgt Ion: 93 Resp: 879929
Ion Ratio Lower Upper
93 100
66 42.8 32.6 48.8
65 21.5 16.0 24.0





#7
Phenol-d6
Concen: 155.873 ng
RT: 7.199 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

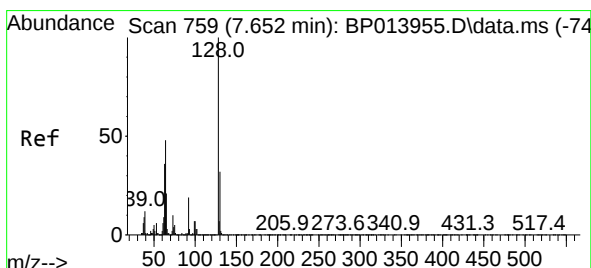
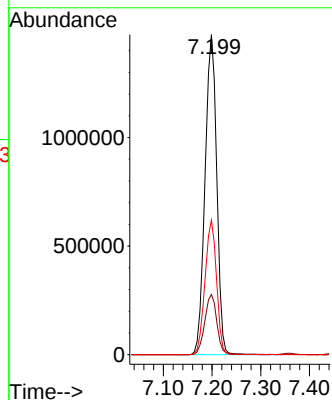
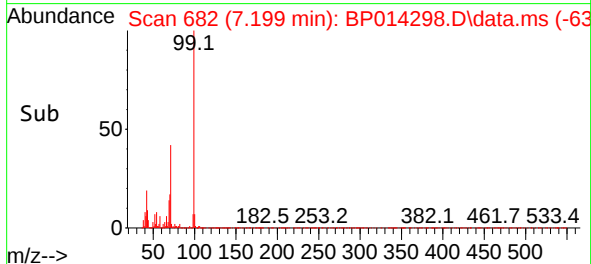
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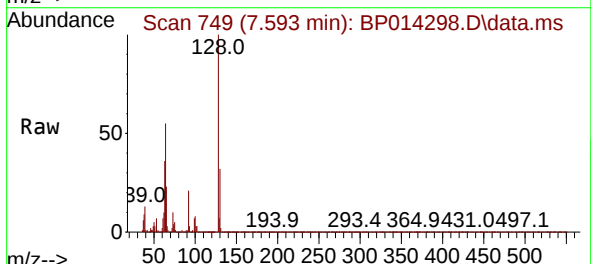
Tgt Ion: 99 Resp: 245915
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 42.0 34.3 51.5

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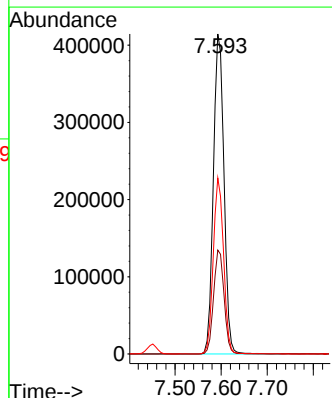
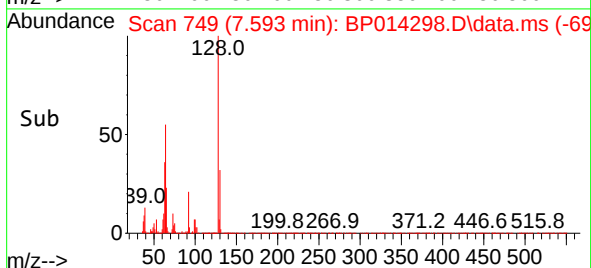
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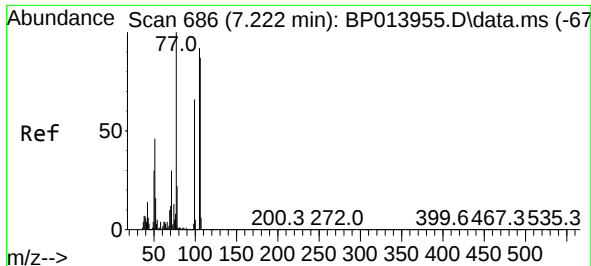


#8
2-Chlorophenol
Concen: 51.378 ng
RT: 7.593 min Scan# 749
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



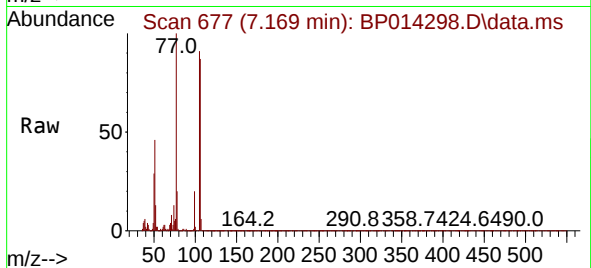
Tgt Ion:128 Resp: 661233
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 55.0 27.6 67.6





#9
Benzaldehyde
Concen: 63.481 ng m
RT: 7.169 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

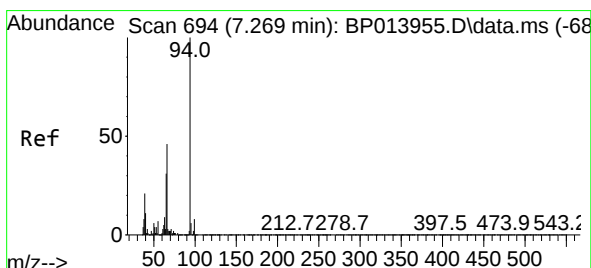
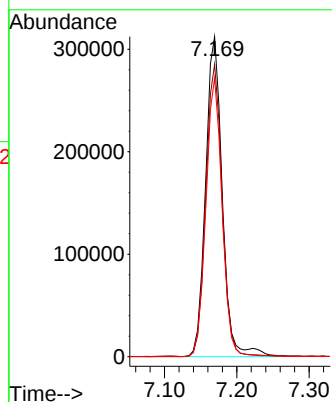
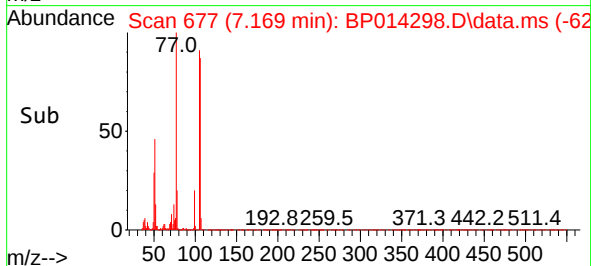
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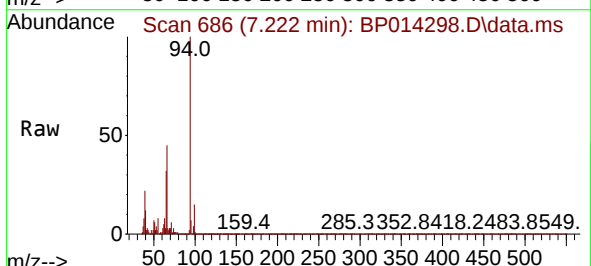
Tgt Ion: 77 Resp: 501170
Ion Ratio Lower Upper
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105 91.3 72.4 112.4
106 87.1 66.9 106.9

Manual Integrations
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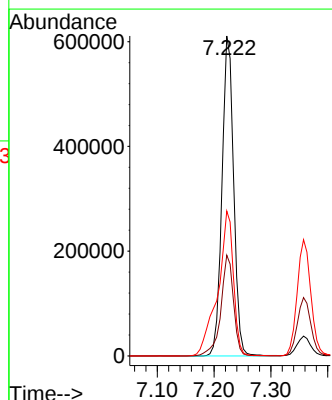
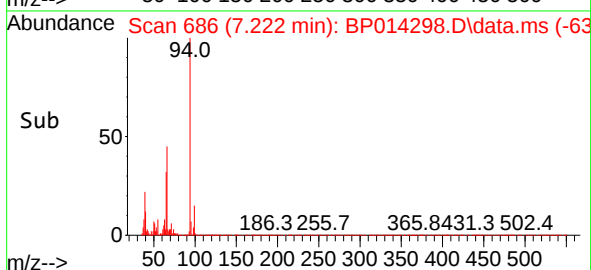
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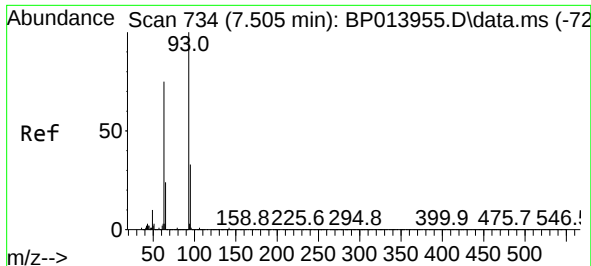


#10
Phenol
Concen: 53.301 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



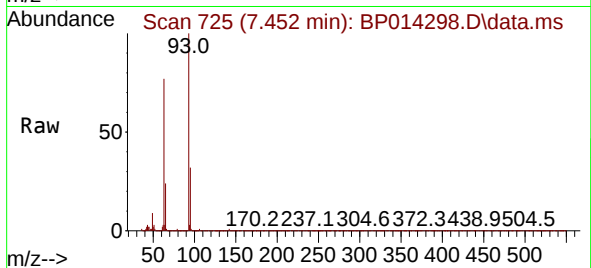
Tgt Ion: 94 Resp: 875193
Ion Ratio Lower Upper
94 100
65 31.5 10.9 50.9
66 45.3 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 50.884 ng
RT: 7.452 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

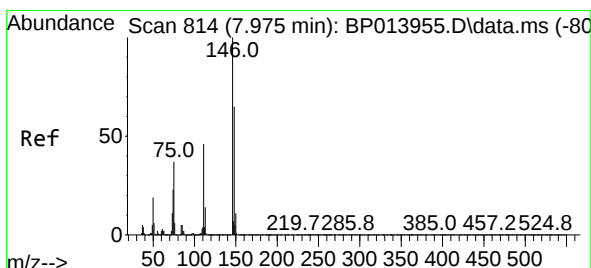
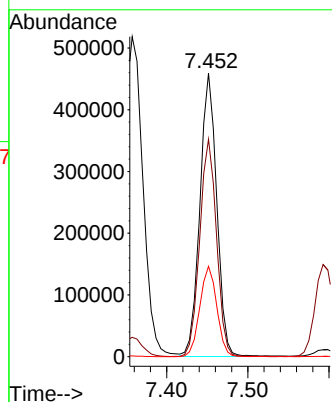
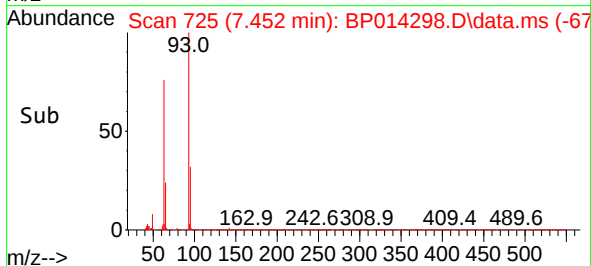
Instrument :
BNA_P
ClientSampleId :
PB151614BS



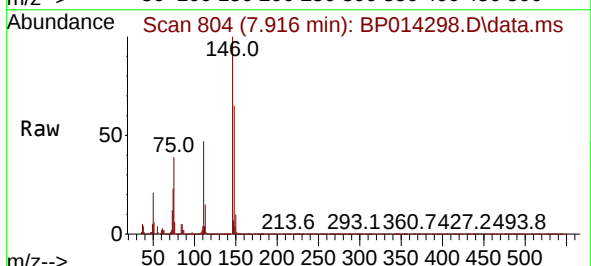
Tgt Ion: 93 Resp: 66153
Ion Ratio Lower Upper
93 100
63 76.7 54.2 94.2
95 31.9 12.7 52.7

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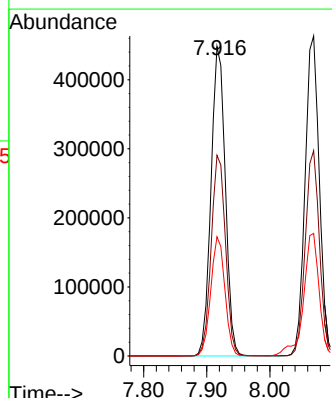
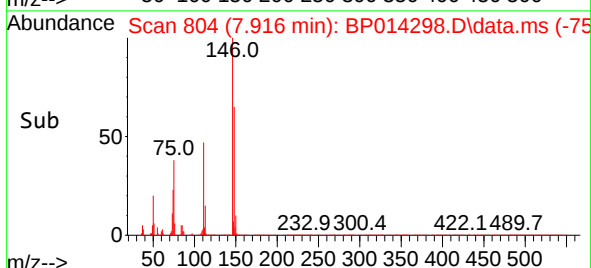
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

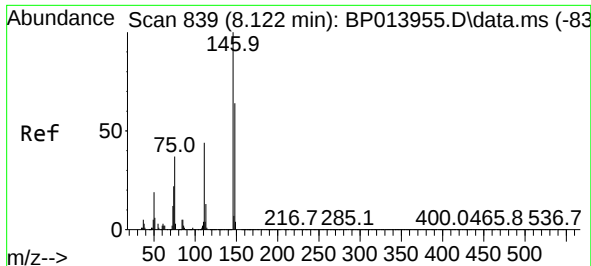


#12
1,3-Dichlorobenzene
Concen: 49.766 ng
RT: 7.916 min Scan# 804
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:146 Resp: 703824
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 38.5 29.4 44.0





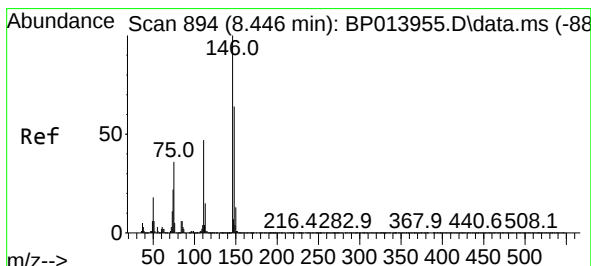
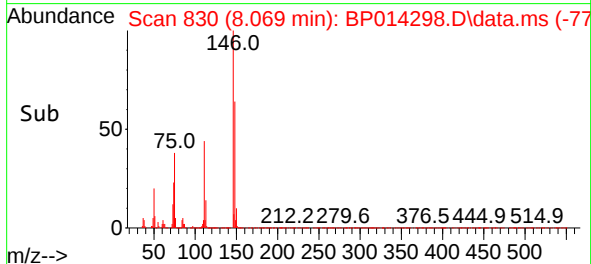
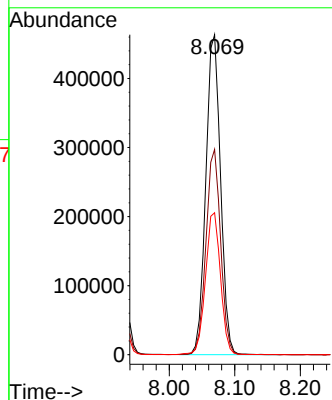
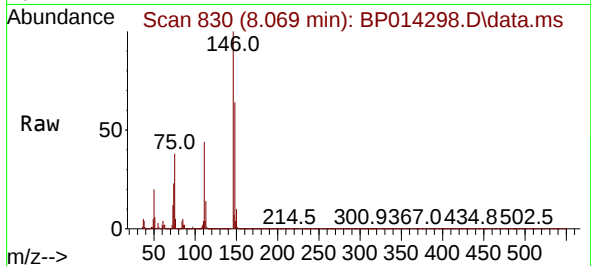
#13
1,4-Dichlorobenzene
Concen: 50.617 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:146 Resp: 72421
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 44.4 35.1 52.7

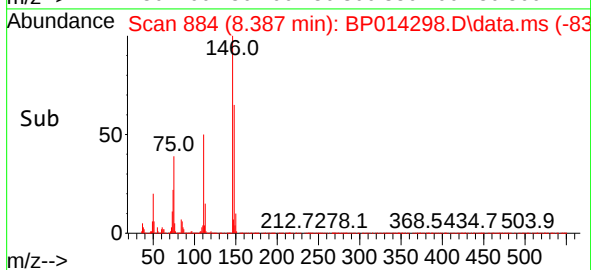
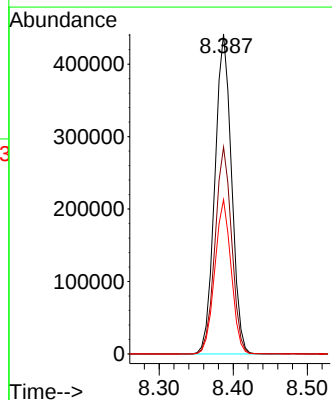
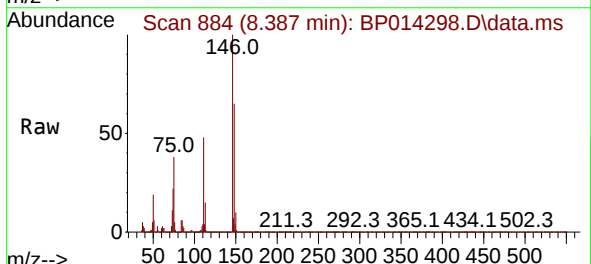
Manual Integrations
APPROVED

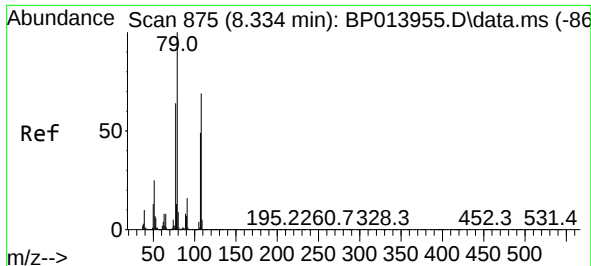
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
1,2-Dichlorobenzene
Concen: 50.361 ng
RT: 8.387 min Scan# 884
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

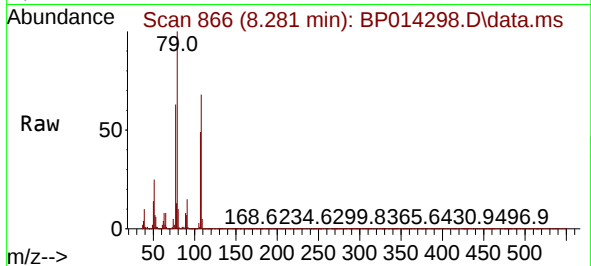
Tgt Ion:146 Resp: 690147
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 48.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 51.613 ng m
RT: 8.281 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

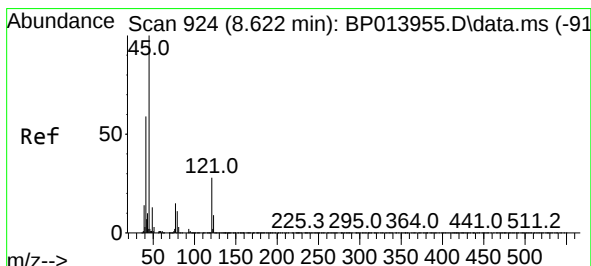
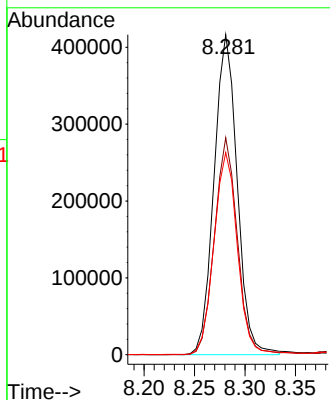
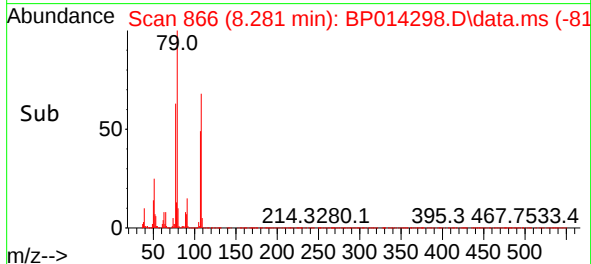
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion: 79 Resp: 663900
Ion Ratio Lower Upper
79 100
108 67.8 54.9 82.3
77 63.2 51.4 77.0

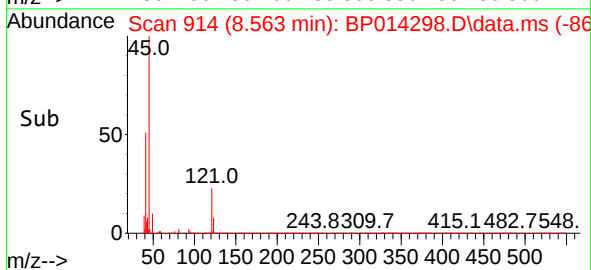
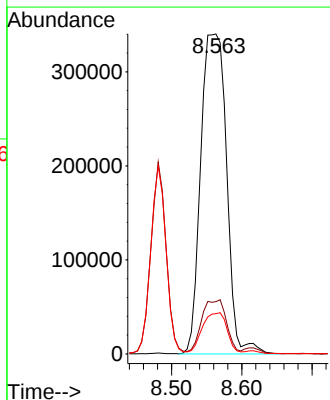
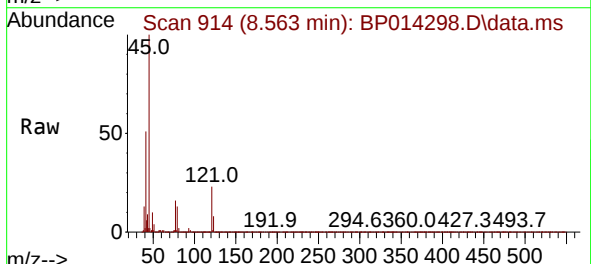
Manual Integrations
APPROVED

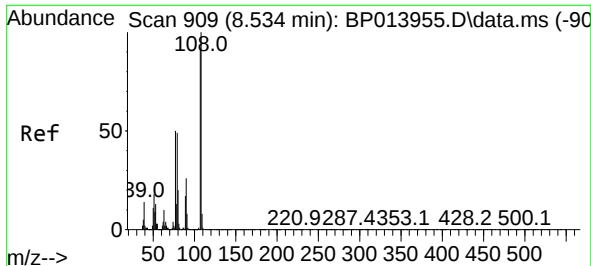
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.582 ng m
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion: 45 Resp: 871627
Ion Ratio Lower Upper
45 100
77 16.4 0.0 38.7
79 12.6 0.0 34.4





#17

2-Methylphenol

Concen: 49.105 ng

RT: 8.481 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:107 Resp: 57503

Ion Ratio Lower Upper

107 100

108 109.6 87.0 130.4

77 54.6 44.0 66.0

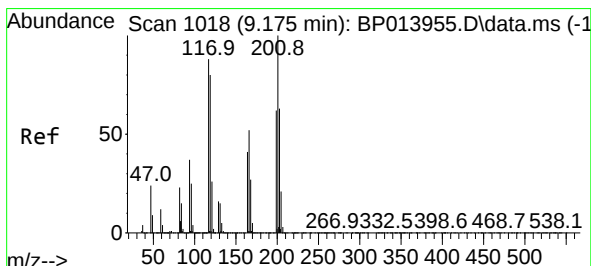
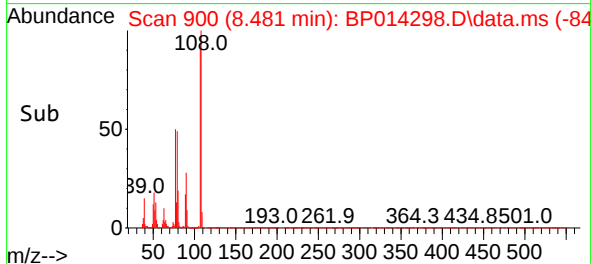
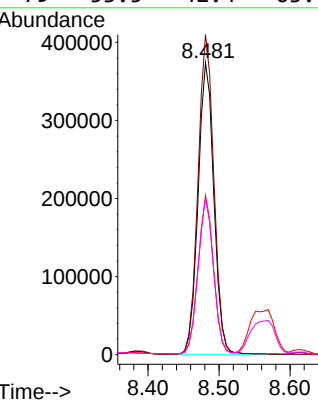
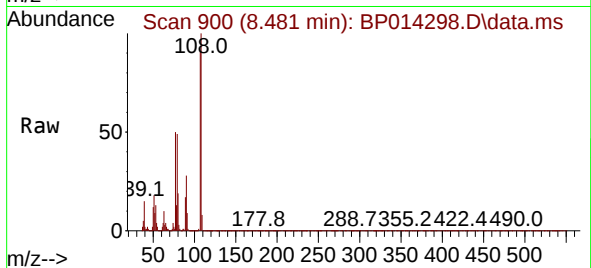
79 53.5 42.4 63.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#18

Hexachloroethane

Concen: 51.892 ng

RT: 9.116 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

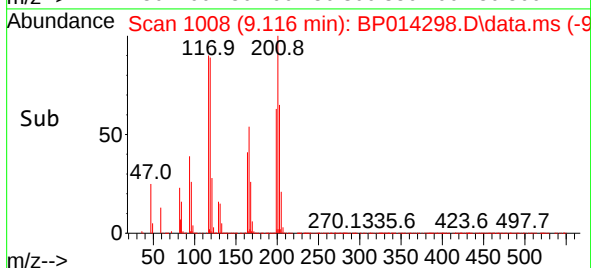
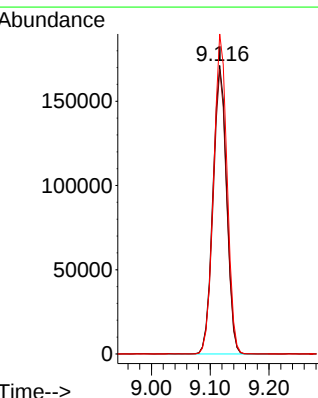
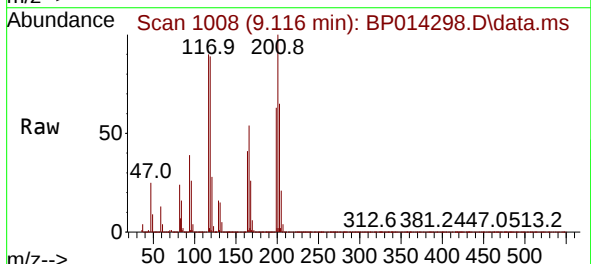
Tgt Ion:117 Resp: 278914

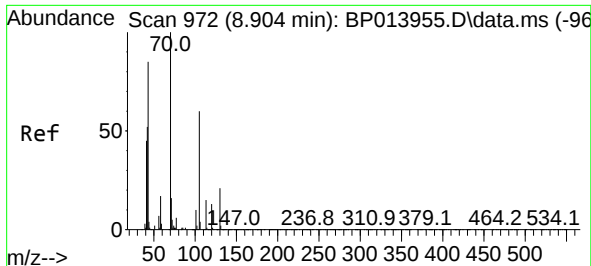
Ion Ratio Lower Upper

117 100

119 98.7 73.3 109.9

201 111.0 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.459 ng

RT: 8.851 min Scan# 90

Delta R.T. 0.006 min

Lab File: BP014298.D

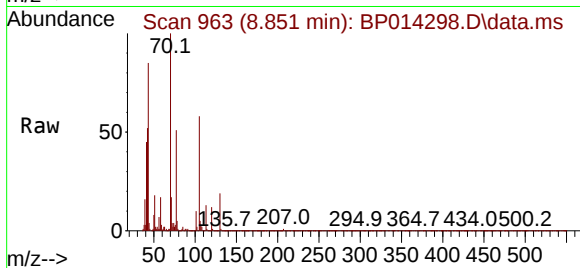
Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS



Tgt Ion: 70 Resp: 544750

Ion Ratio Lower Upper

70 100

42 52.2 42.4 63.6

101 9.6 8.2 12.4

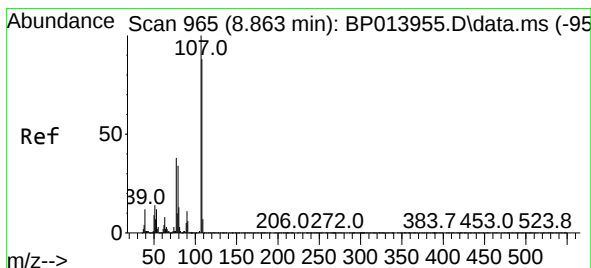
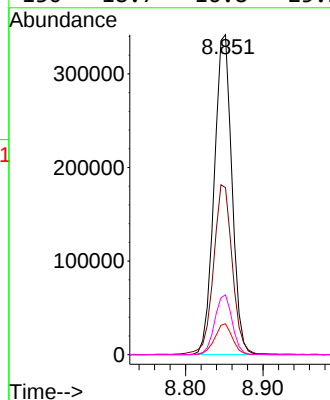
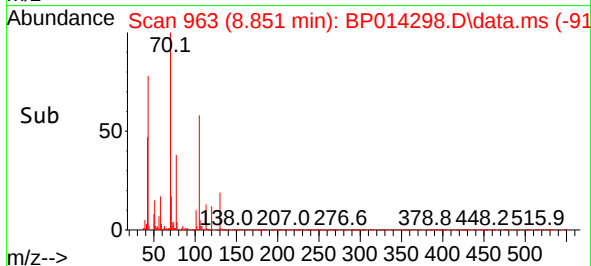
130 18.7 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#20

3+4-Methylphenols

Concen: 49.365 ng

RT: 8.816 min Scan# 957

Delta R.T. 0.006 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Tgt Ion:107 Resp: 778535

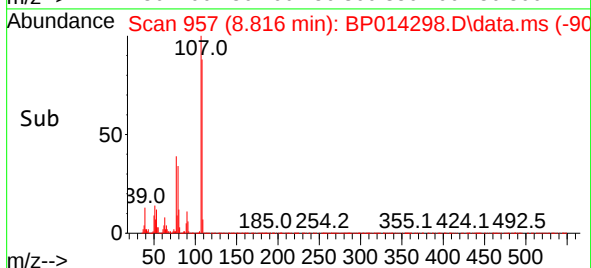
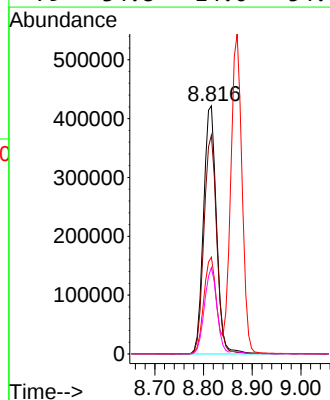
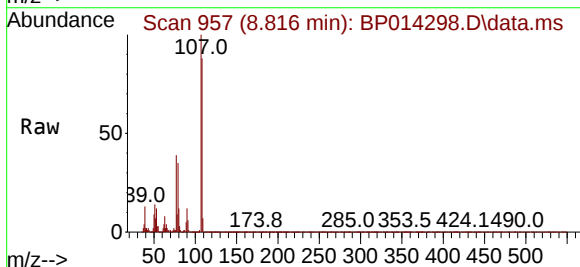
Ion Ratio Lower Upper

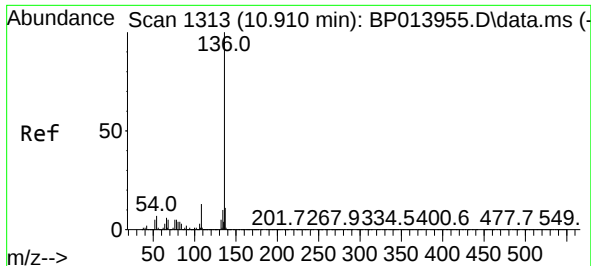
107 100

108 88.1 68.2 108.2

77 39.0 18.1 58.1

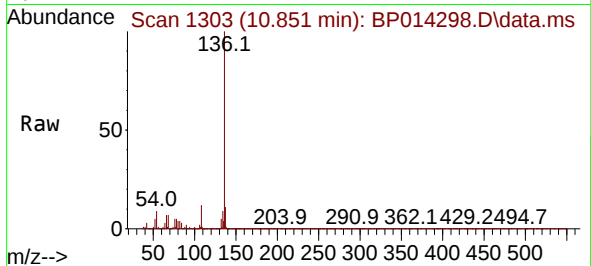
79 34.8 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

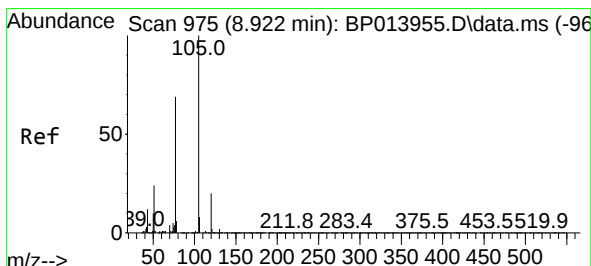
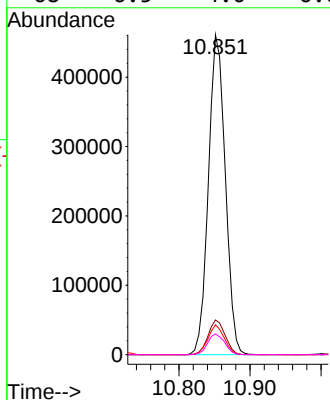
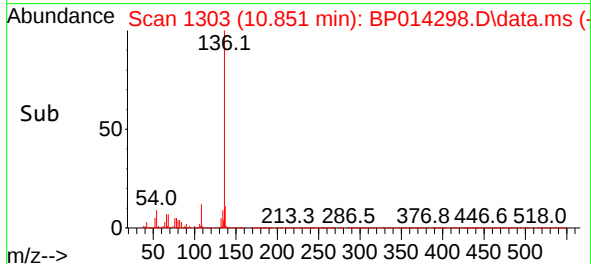
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:136 Resp: 761985
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 5.8 8.8
68 6.5 4.0 6.0

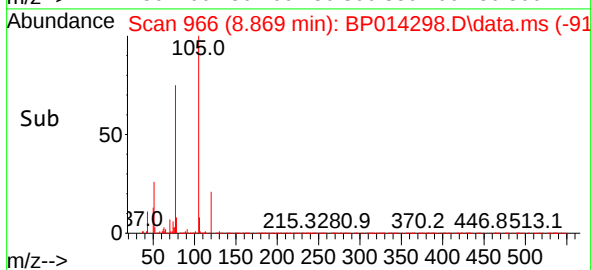
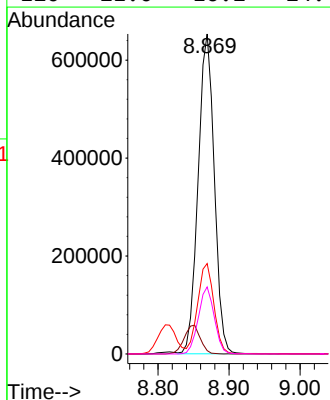
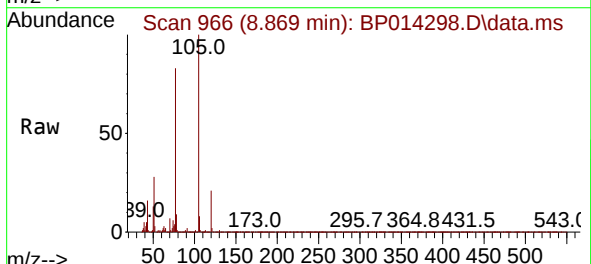
Manual Integrations
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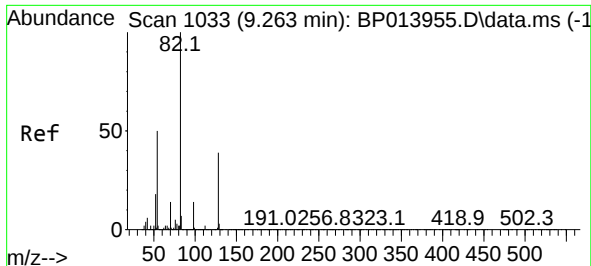
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Acetophenone
Concen: 48.488 ng
RT: 8.869 min Scan# 966
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:105 Resp: 1036358
Ion Ratio Lower Upper
105 100
71 1.0 1.4 2.0
51 28.2 21.5 32.3
120 21.0 16.2 24.4





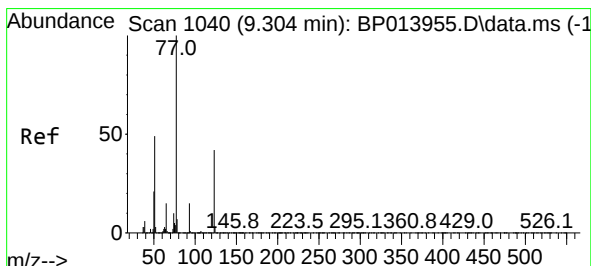
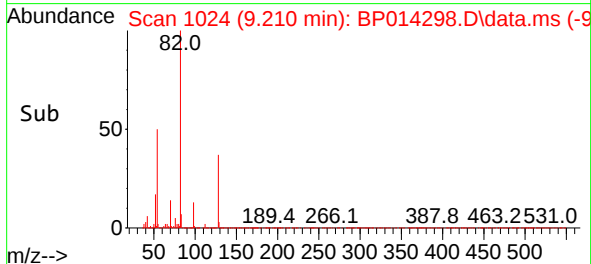
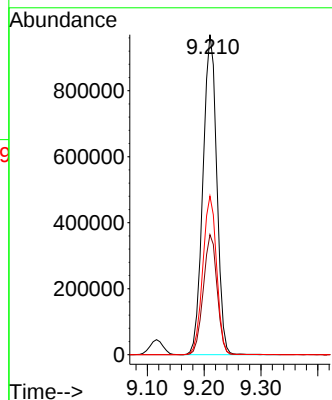
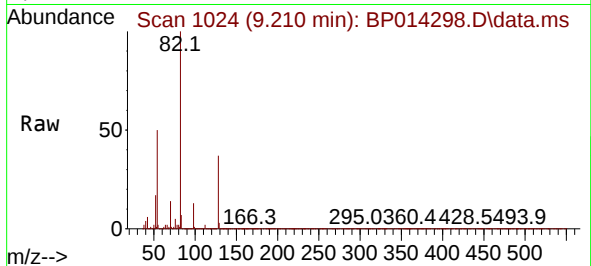
#23
Nitrobenzene-d5
Concen: 98.207 ng
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion: 82 Resp: 163725
Ion Ratio Lower Upper
82 100
128 37.5 31.1 46.7
54 49.5 40.0 60.0

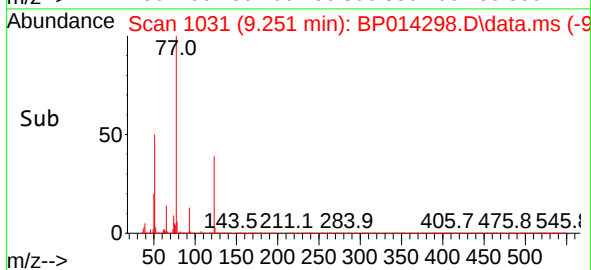
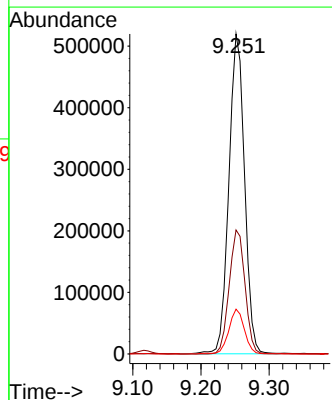
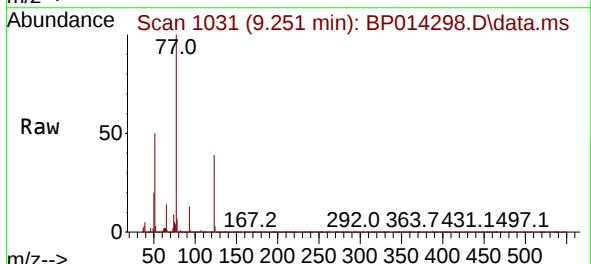
Manual Integrations
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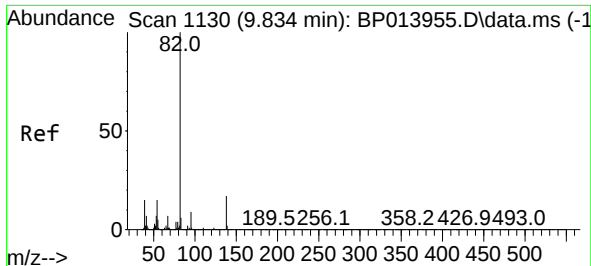
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 48.591 ng
RT: 9.251 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion: 77 Resp: 828879
Ion Ratio Lower Upper
77 100
123 38.8 33.6 50.4
65 14.0 11.6 17.4





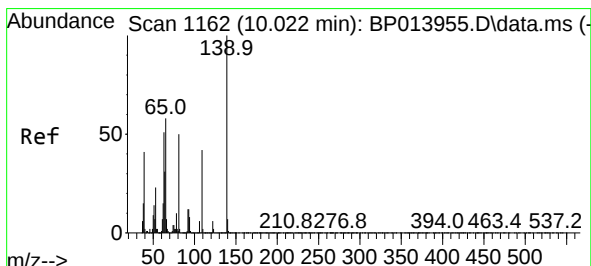
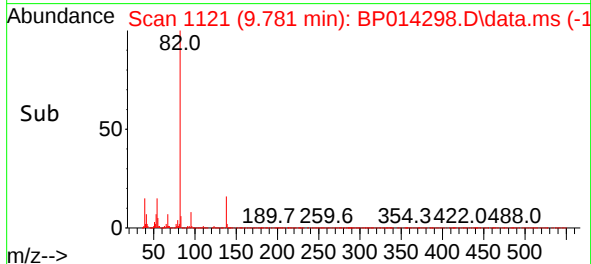
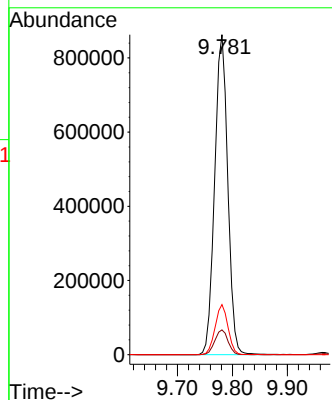
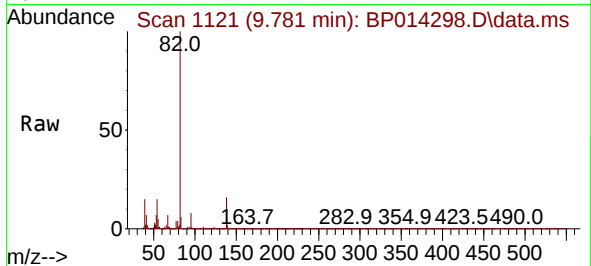
#25
Isophorone
Concen: 46.447 ng
RT: 9.781 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion: 82 Resp: 1426800
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 15.6 13.3 19.9

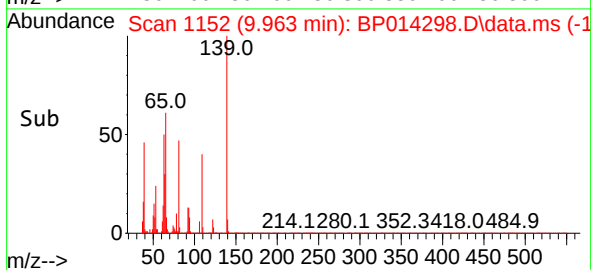
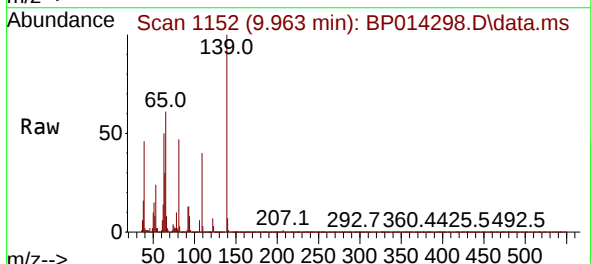
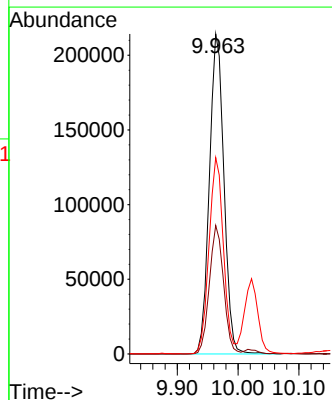
Manual Integrations
APPROVED

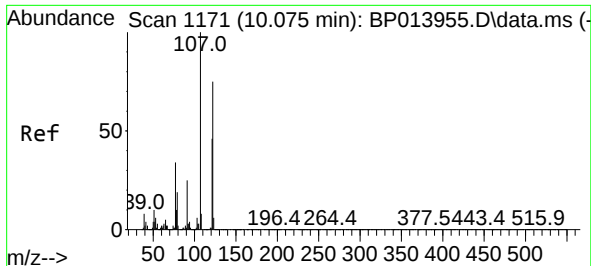
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#26
2-Nitrophenol
Concen: 47.911 ng
RT: 9.963 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

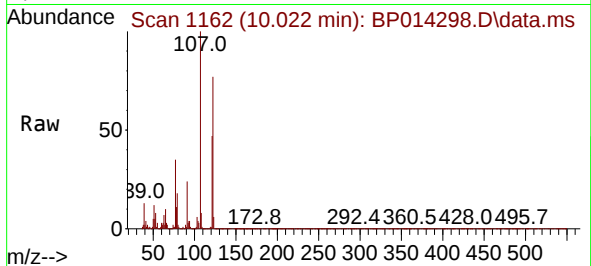
Tgt Ion:139 Resp: 355496
Ion Ratio Lower Upper
139 100
109 40.1 33.8 50.8
65 61.4 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 49.602 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

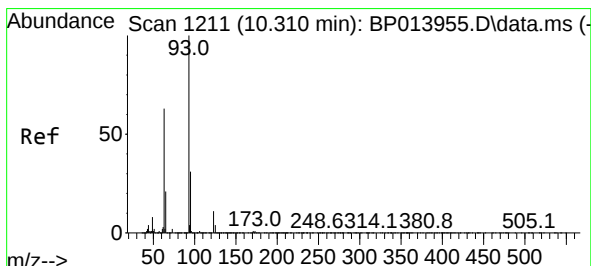
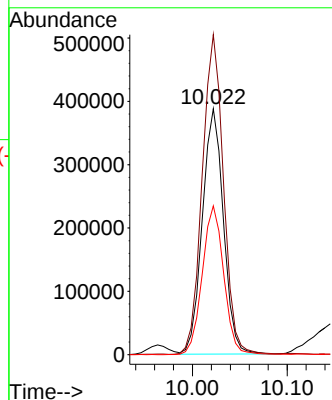
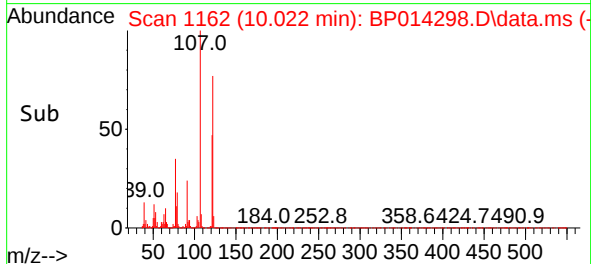
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:122 Resp: 59841
Ion Ratio Lower Upper
122 100
107 130.1 105.9 158.9
121 60.5 49.0 73.4

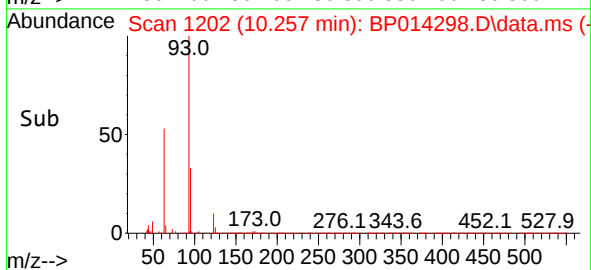
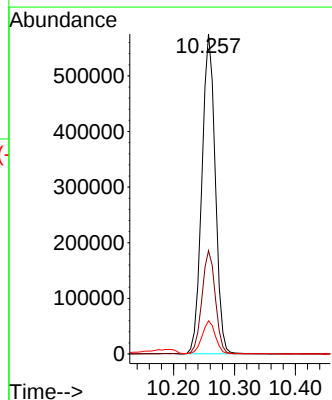
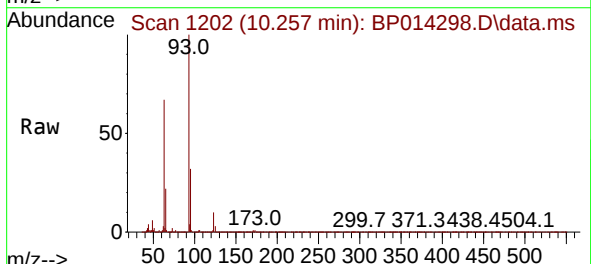
Manual Integrations
APPROVED

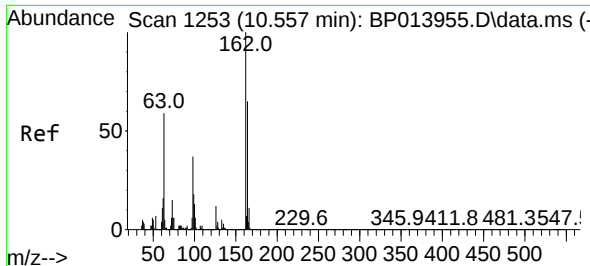
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.212 ng
RT: 10.257 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion: 93 Resp: 874968
Ion Ratio Lower Upper
93 100
95 32.3 25.0 37.6
123 10.3 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 46.890 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

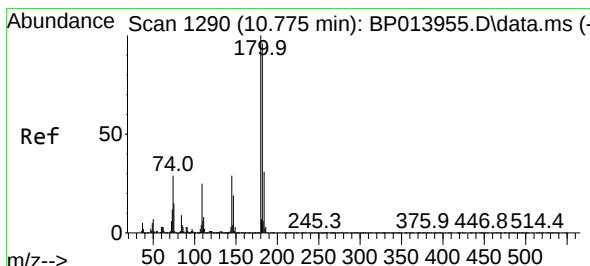
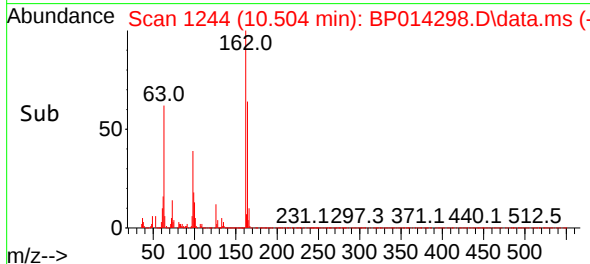
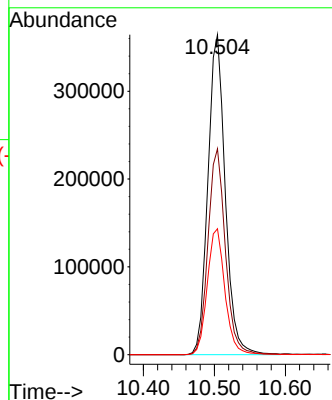
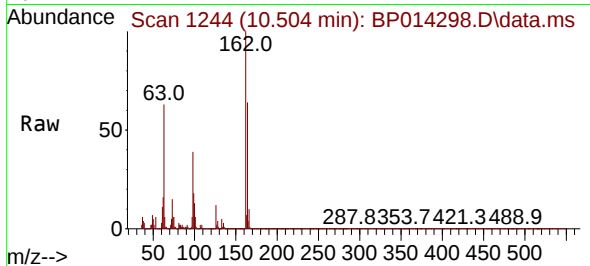
ClientSampleId :

PB151614BS

Tgt Ion:162 Resp: 619240
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 39.3 17.0 57.0

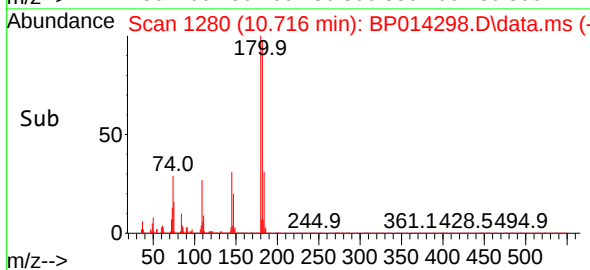
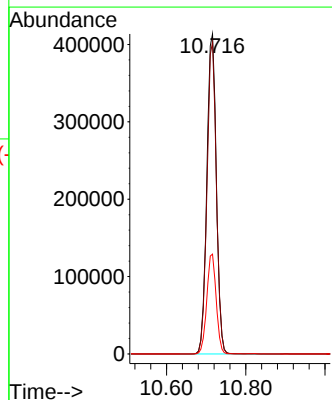
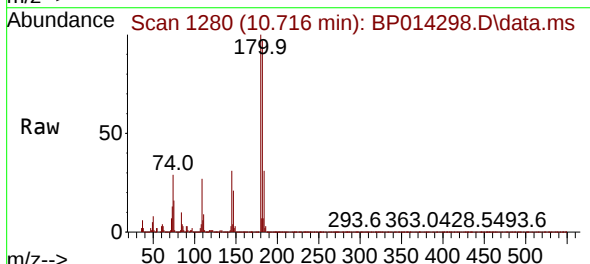
Manual Integrations
APPROVED

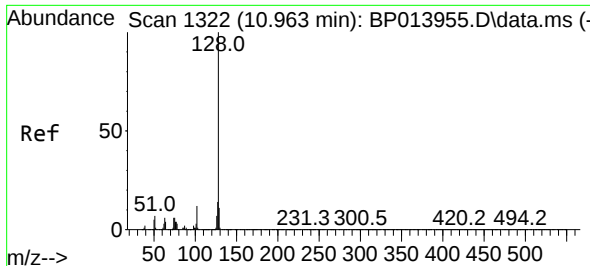
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.780 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:180 Resp: 686405
Ion Ratio Lower Upper
180 100
182 97.4 76.6 114.8
145 31.2 23.5 35.3





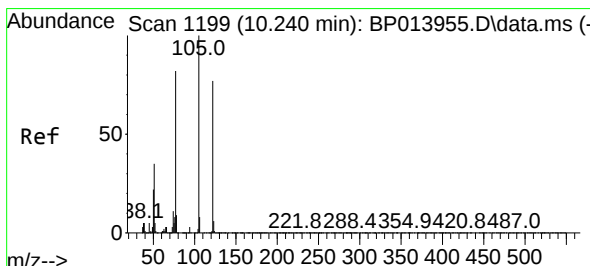
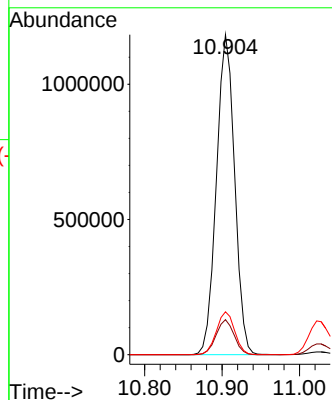
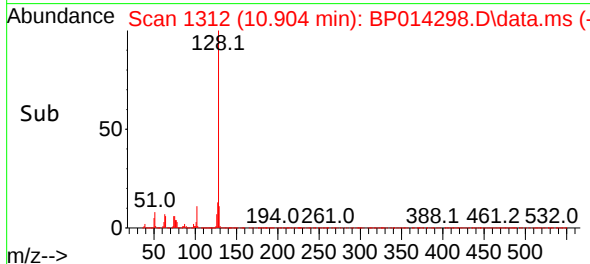
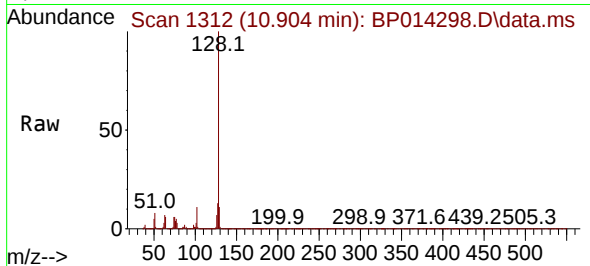
#31
Naphthalene
Concen: 46.241 ng
RT: 10.904 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:128 Resp: 1936108
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 11.2 16.8

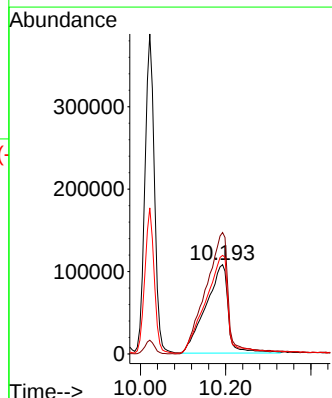
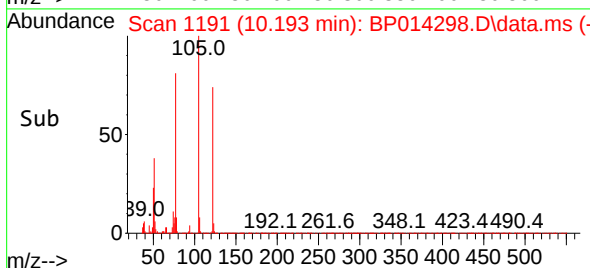
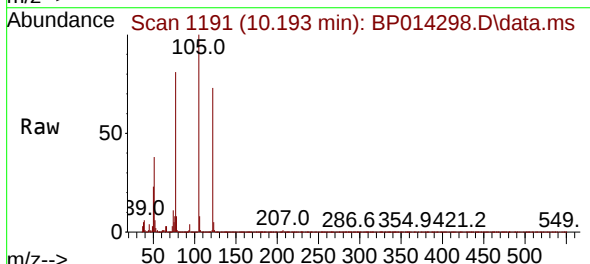
Manual Integrations
APPROVED

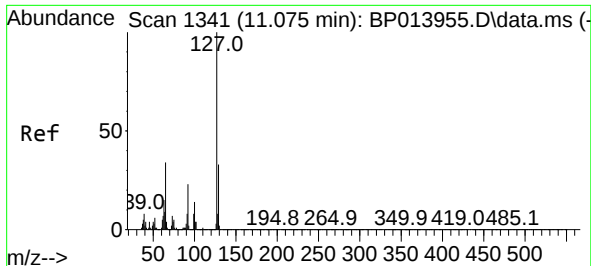
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 39.766 ng
RT: 10.193 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:122 Resp: 392673
Ion Ratio Lower Upper
122 100
105 136.1 108.2 148.2
77 110.5 85.2 125.2





#33
4-Chloroaniline
Concen: 14.547 ng
RT: 11.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :

BNP_P

ClientSampleId :

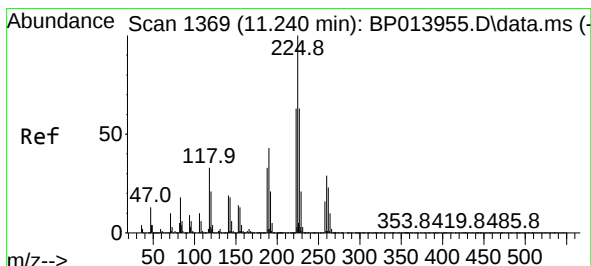
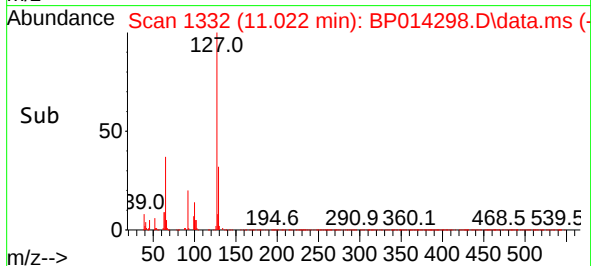
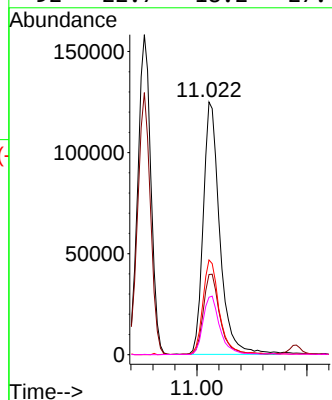
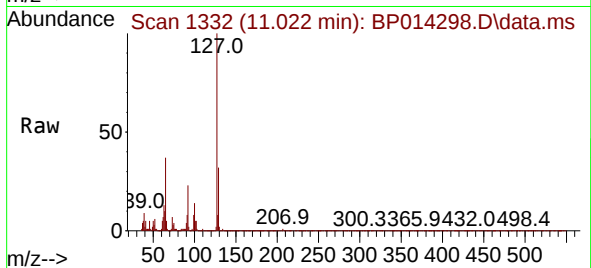
PB151614BS

Tgt Ion:127 Resp: 261092
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.2
65 37.5 27.0 40.4
92 22.7 18.2 27.4

Manual Integrations

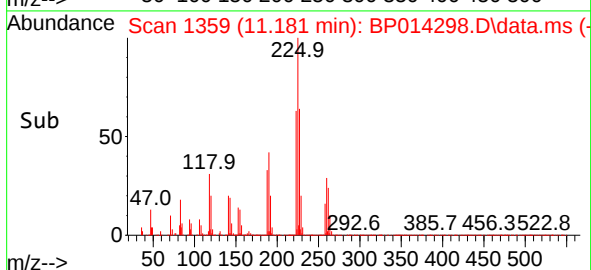
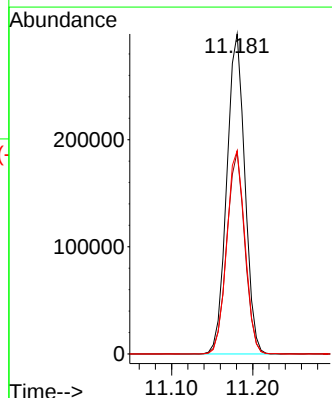
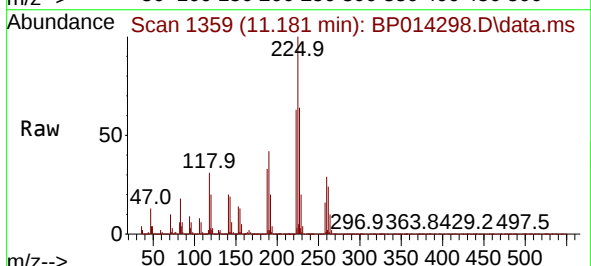
APPROVED

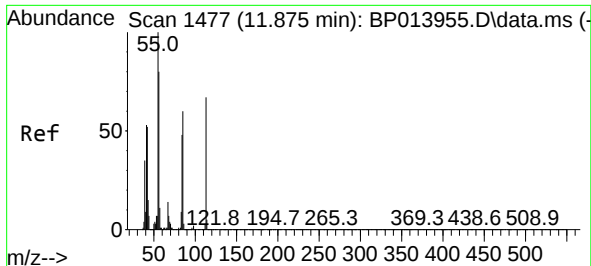
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#34
Hexachlorobutadiene
Concen: 42.321 ng
RT: 11.181 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

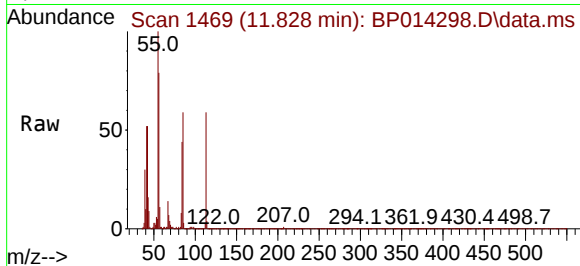
Tgt Ion:225 Resp: 461340
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.5 50.2 75.4





#35
Caprolactam
Concen: 43.268 ng
RT: 11.828 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

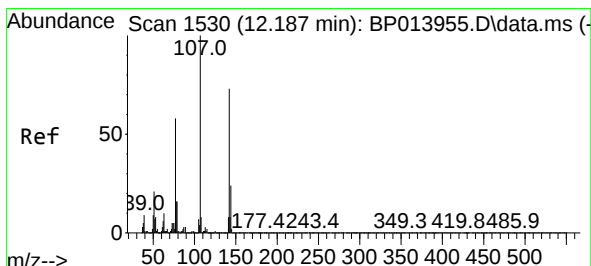
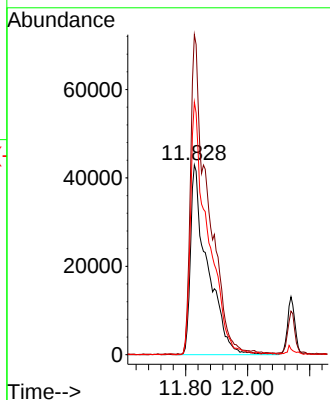
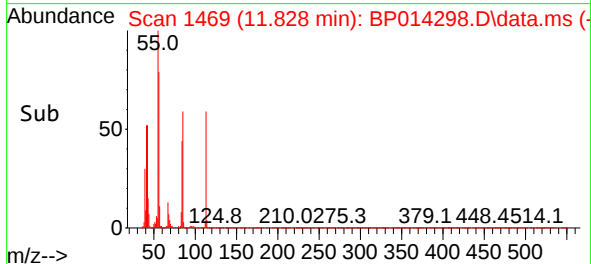
Instrument :
BNA_P
ClientSampleId :
PB151614BS



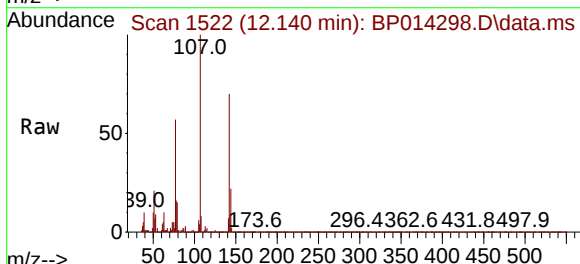
Tgt Ion:113 Resp: 163564
Ion Ratio Lower Upper
113 100
55 168.7 128.9 168.9
56 133.2 99.6 139.6

Manual Integrations
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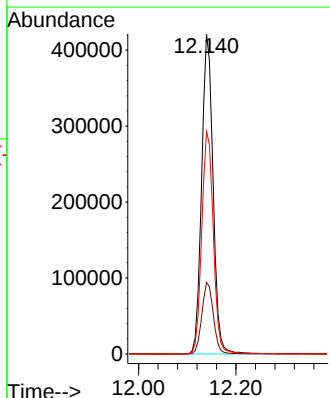
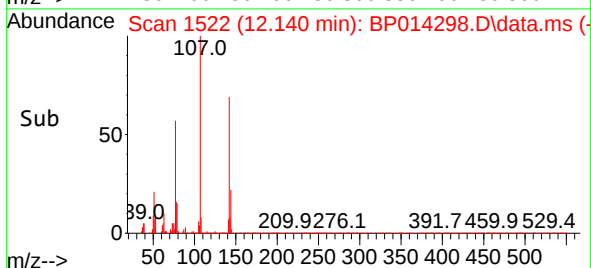
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

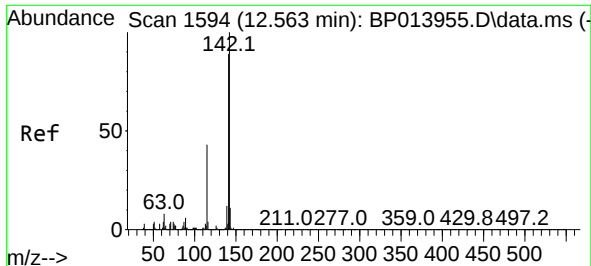


#36
4-Chloro-3-methylphenol
Concen: 46.464 ng
RT: 12.140 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:107 Resp: 684356
Ion Ratio Lower Upper
107 100
144 22.3 19.3 28.9
142 69.5 58.5 87.7





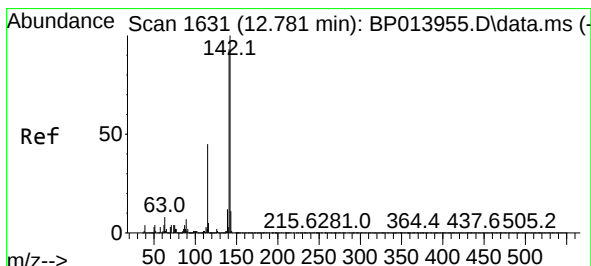
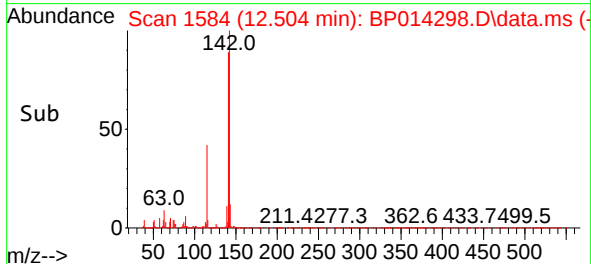
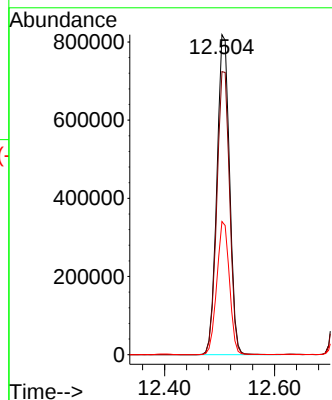
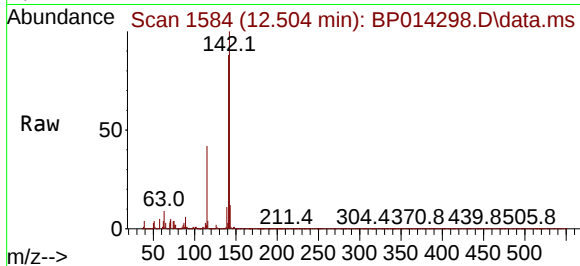
#37
2-Methylnaphthalene
Concen: 42.517 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:142 Resp: 131333
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4
115 41.6 34.5 51.7

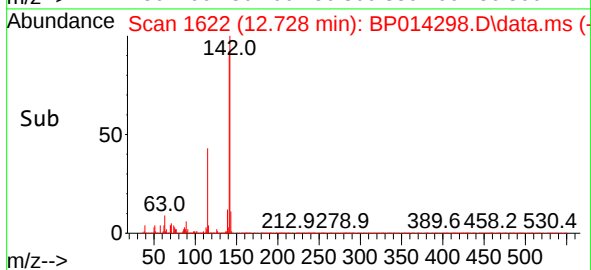
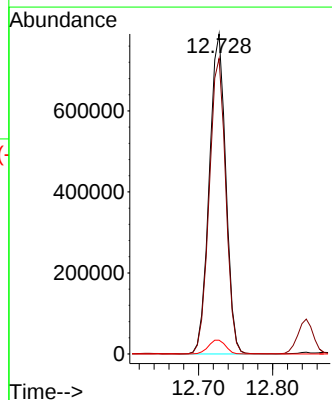
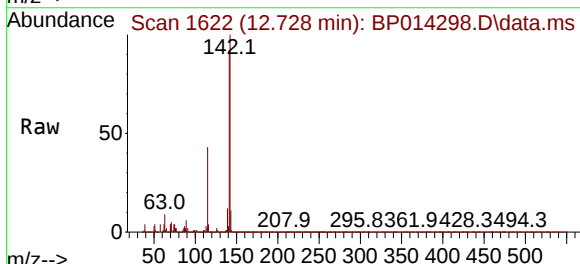
Manual Integrations
APPROVED

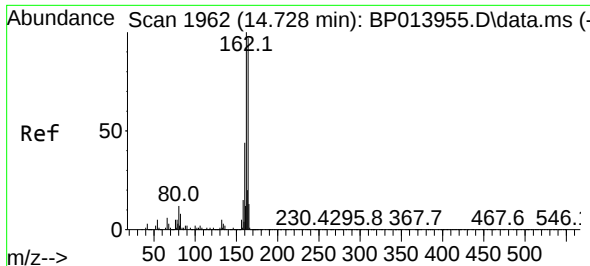
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#38
1-Methylnaphthalene
Concen: 42.427 ng
RT: 12.728 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:142 Resp: 1221626
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 4.3 3.6 5.4





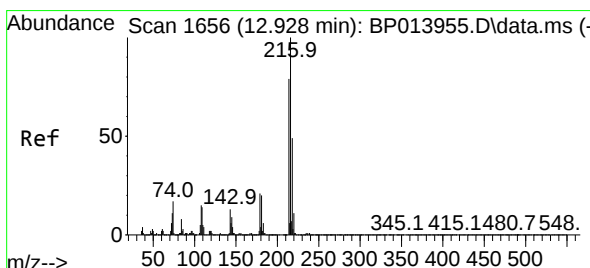
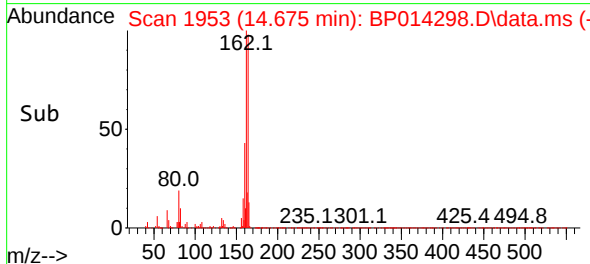
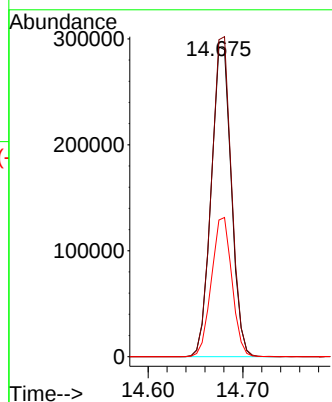
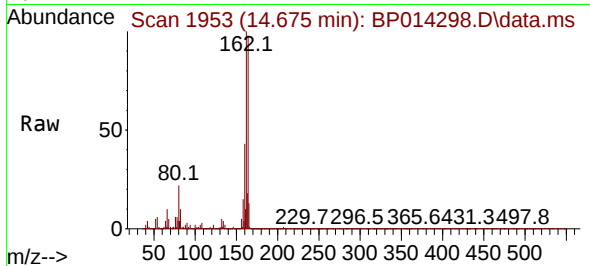
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:164 Resp: 430739
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 44.1 36.2 54.2

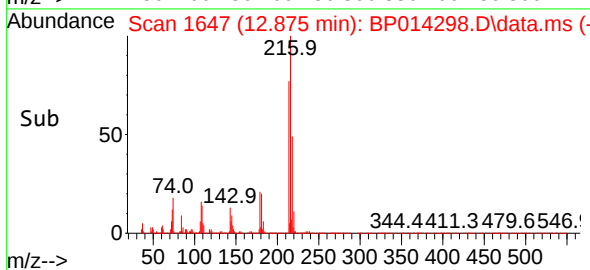
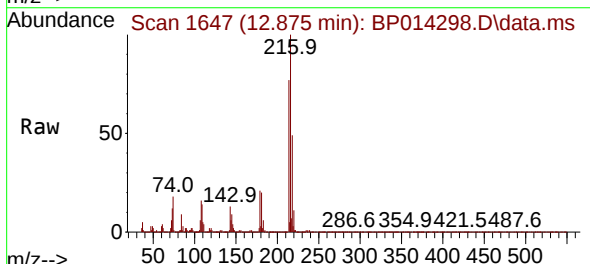
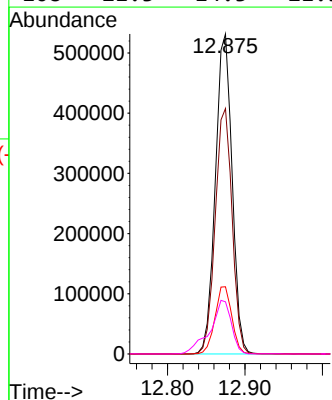
Manual Integrations
APPROVED

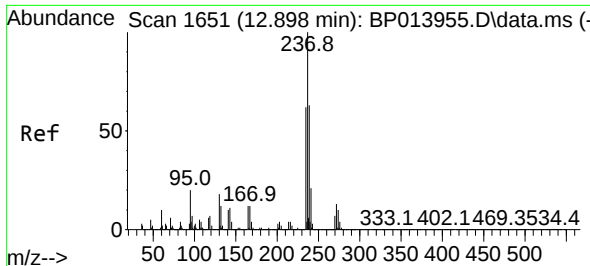
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.511 ng
RT: 12.875 min Scan# 1647
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

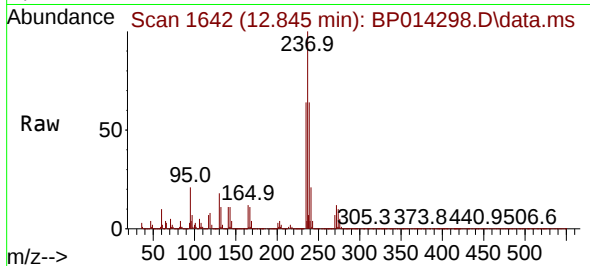
Tgt Ion:216 Resp: 796474
Ion Ratio Lower Upper
216 100
214 77.4 62.2 93.2
179 21.3 16.6 24.8
108 21.3 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 108.665 ng
RT: 12.845 min Scan# 111967
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

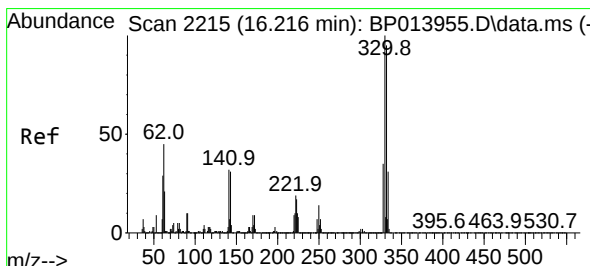
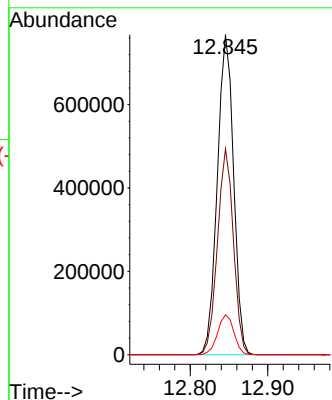
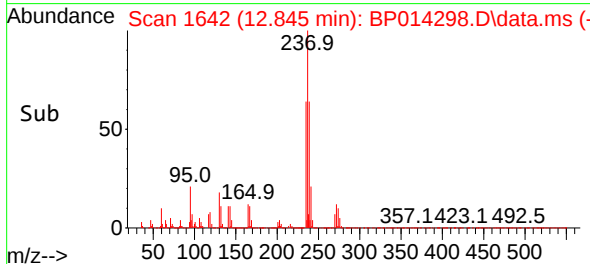
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:237 Resp: 111967
Ion Ratio Lower Upper
237 100
235 64.3 41.9 81.9
272 12.5 0.0 32.6

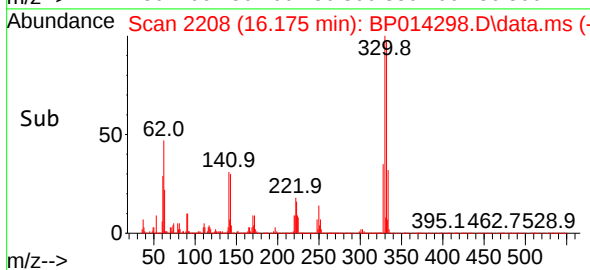
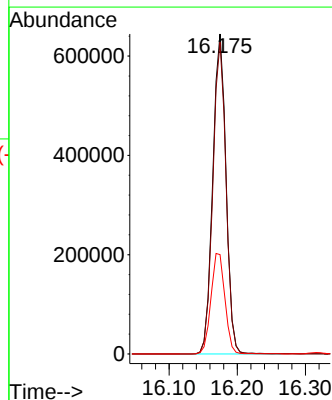
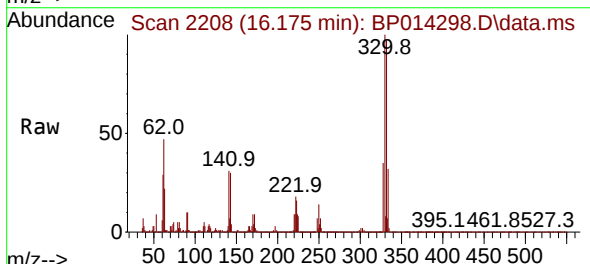
Manual Integrations
APPROVED

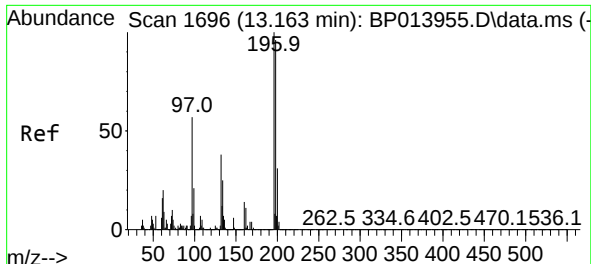
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#42
2,4,6-Tribromophenol
Concen: 124.951 ng
RT: 16.175 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

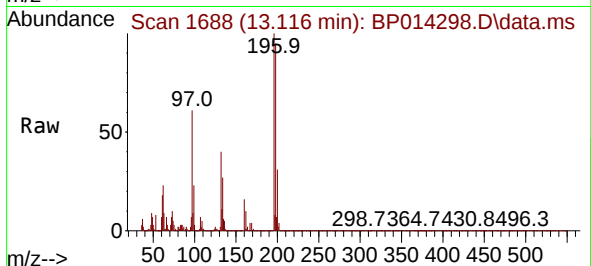
Tgt Ion:330 Resp: 872635
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.1 25.6 38.4





#43
2,4,6-Trichlorophenol
Concen: 47.521 ng
RT: 13.116 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

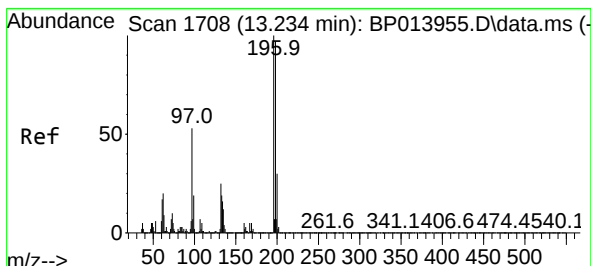
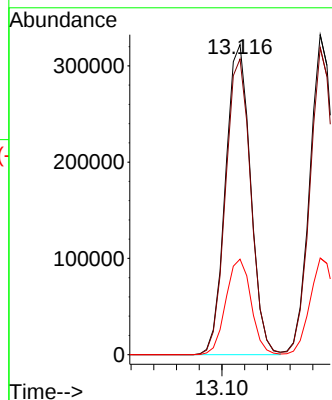
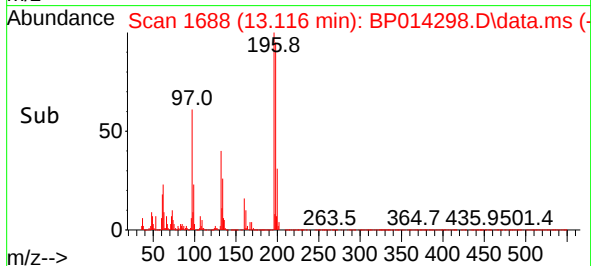
Instrument :
BNA_P
ClientSampleId :
PB151614BS



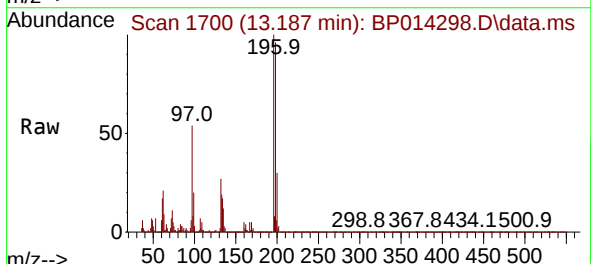
Tgt Ion:196 Resp: 49317
Ion Ratio Lower Upper
196 100
198 95.4 76.7 115.1
200 30.8 25.2 37.8

Manual Integrations
APPROVED

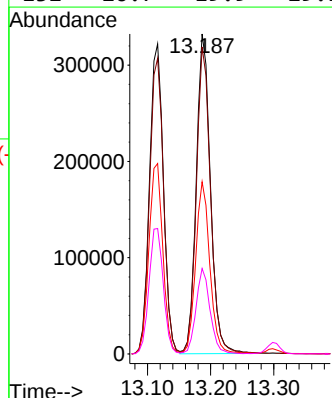
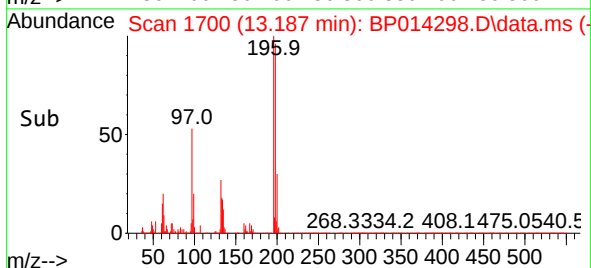
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

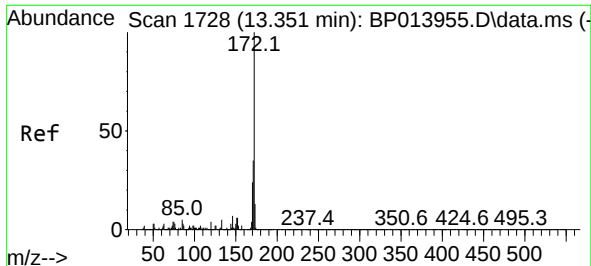


#44
2,4,5-Trichlorophenol
Concen: 43.224 ng
RT: 13.187 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:196 Resp: 519804
Ion Ratio Lower Upper
196 100
198 96.0 77.5 116.3
97 53.8 42.6 64.0
132 26.7 19.9 29.9





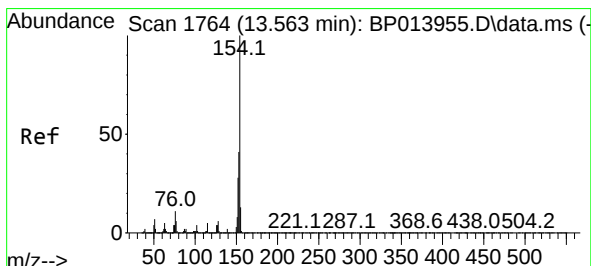
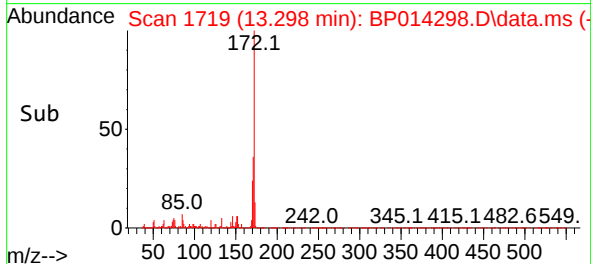
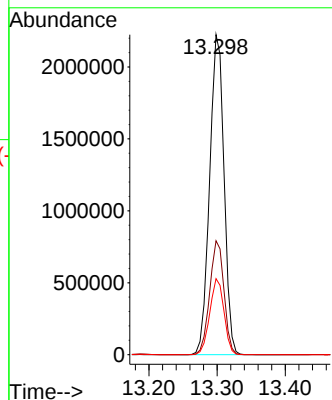
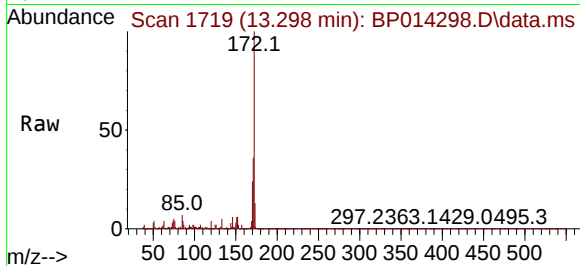
#45
2-Fluorobiphenyl
Concen: 98.453 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:172 Resp: 3273240
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.8 19.0 28.4

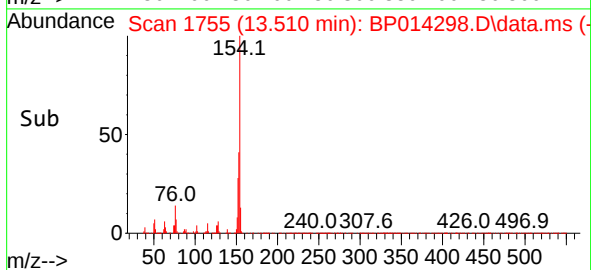
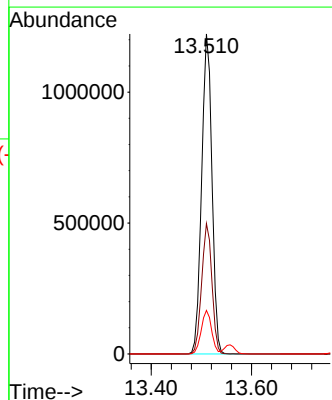
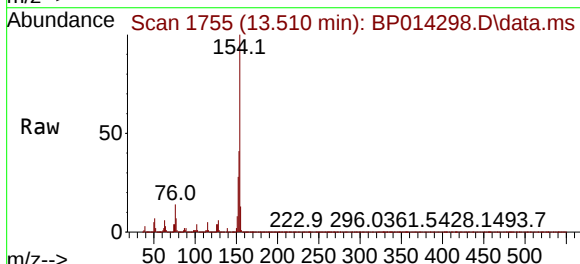
Manual Integrations
APPROVED

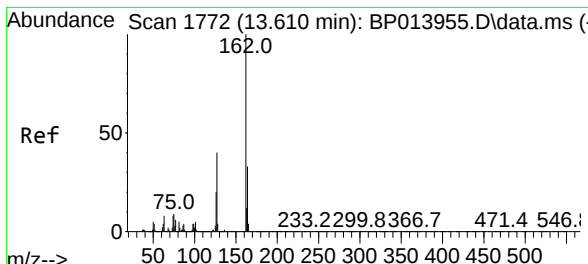
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#46
1,1'-Biphenyl
Concen: 50.230 ng
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:154 Resp: 1741522
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 13.6 0.0 31.0





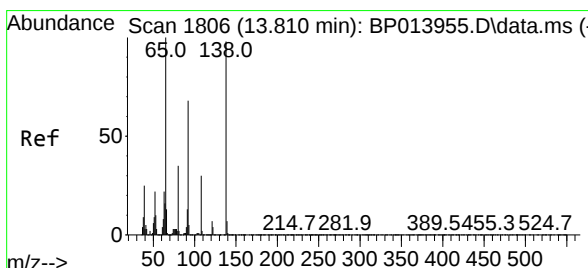
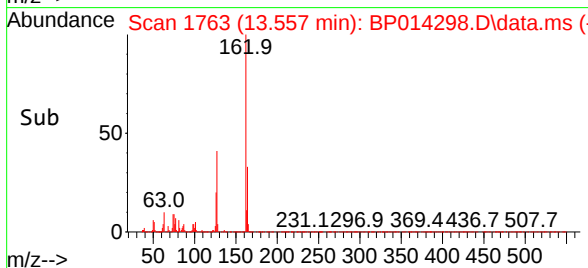
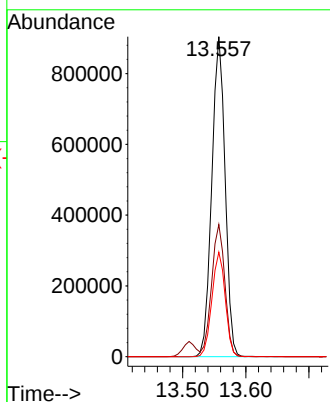
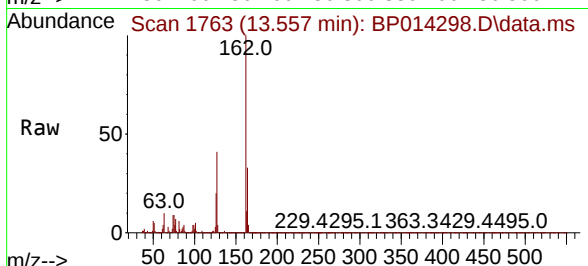
#47
2-Chloronaphthalene
Concen: 49.545 ng
RT: 13.557 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:162 Resp: 1322364
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 32.7 26.3 39.5

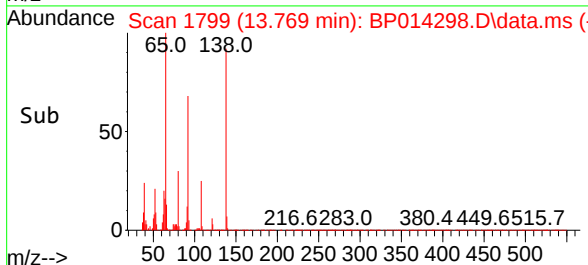
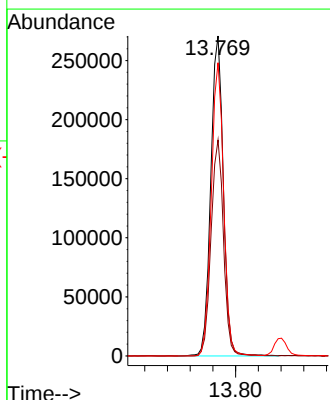
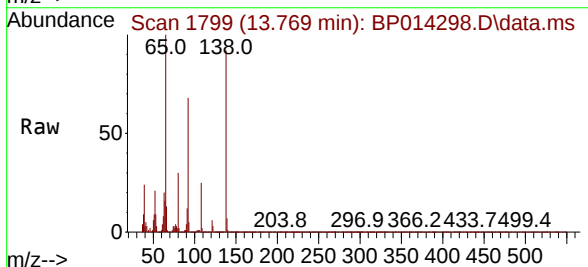
Manual Integrations
APPROVED

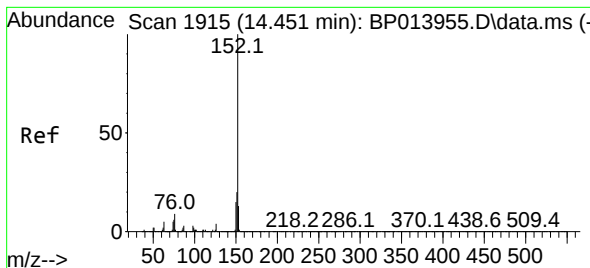
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#48
2-Nitroaniline
Concen: 50.948 ng
RT: 13.769 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion: 65 Resp: 412682
Ion Ratio Lower Upper
65 100
92 67.5 54.4 81.6
138 91.7 78.0 117.0





#49

Acenaphthylene

Concen: 47.007 ng

RT: 14.404 min Scan# 1915

Delta R.T. 0.006 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:152 Resp: 1995200

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

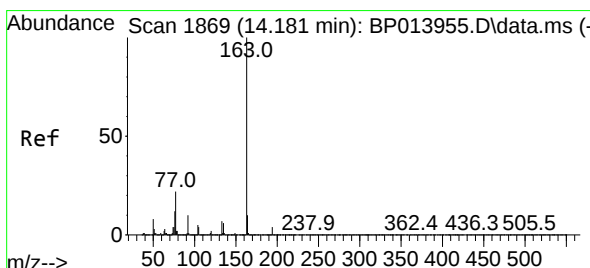
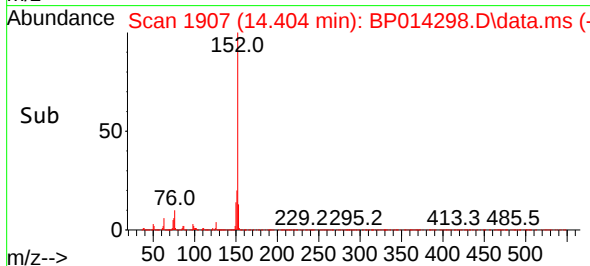
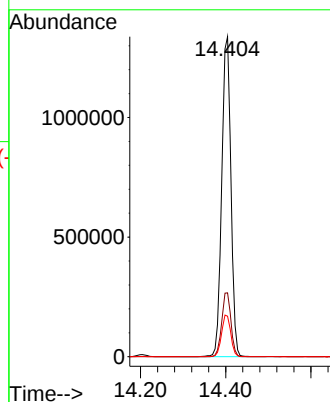
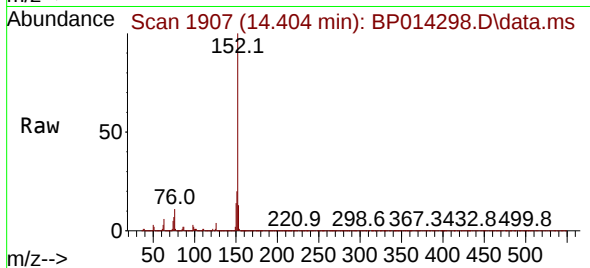
153 12.6 10.4 15.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#50

Dimethylphthalate

Concen: 43.339 ng

RT: 14.134 min Scan# 1861

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

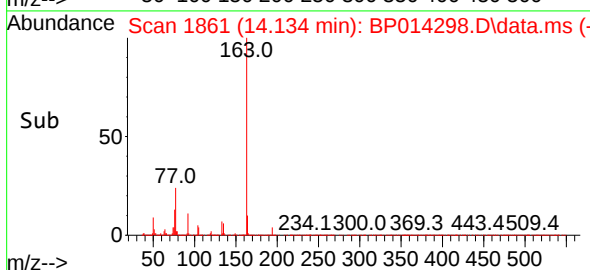
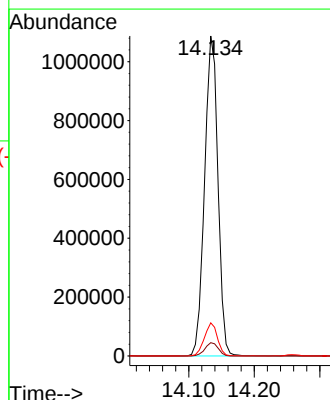
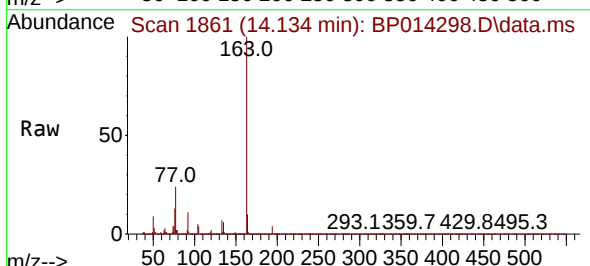
Tgt Ion:163 Resp: 1540072

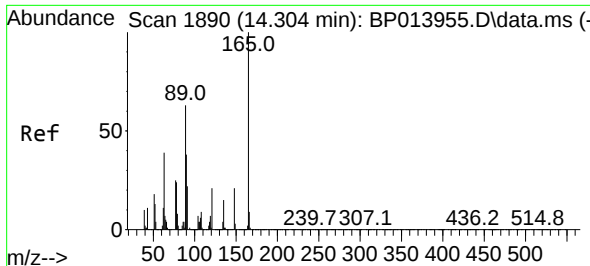
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

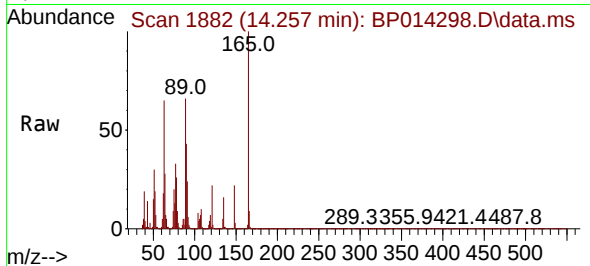
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.169 ng
RT: 14.257 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

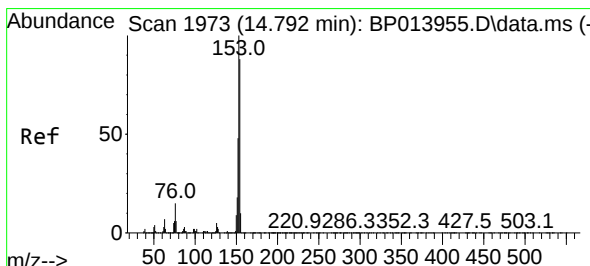
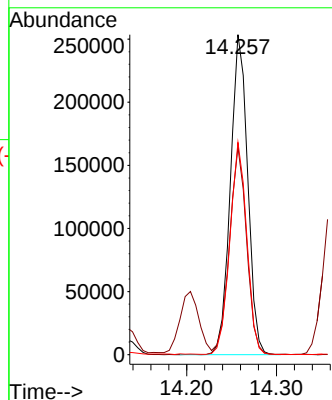
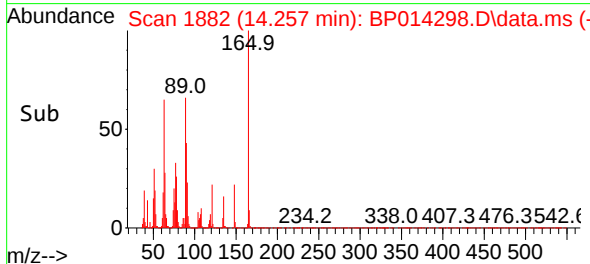
Instrument :
BNA_P
ClientSampleId :
PB151614BS



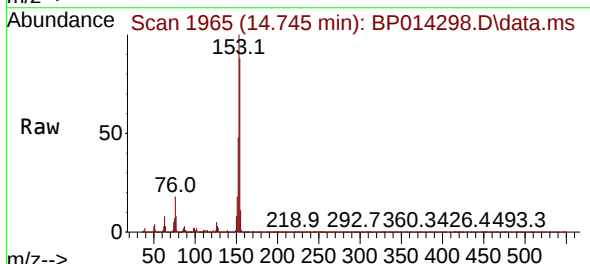
Tgt Ion:165 Resp: 338010
Ion Ratio Lower Upper
165 100
63 64.9 46.7 70.1
89 66.4 50.8 76.2

Manual Integrations
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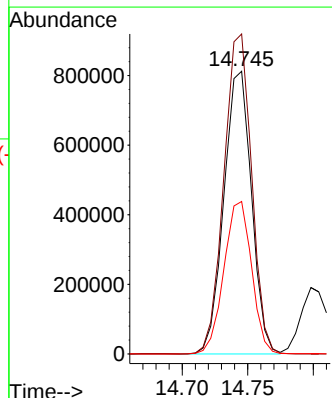
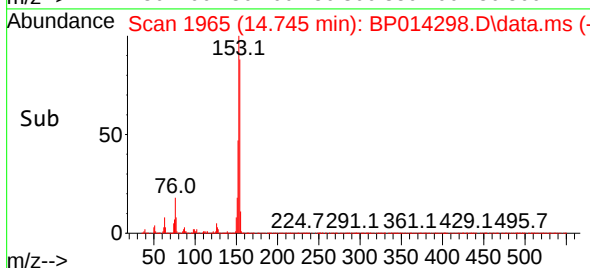
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

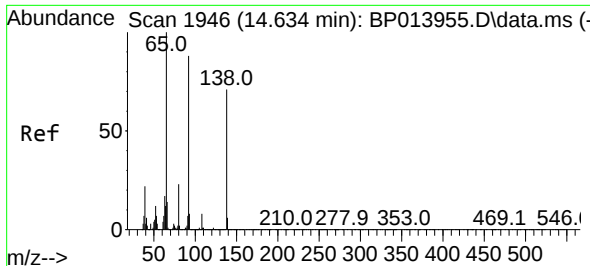


#52
Acenaphthene
Concen: 46.619 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:154 Resp: 1191152
Ion Ratio Lower Upper
154 100
153 113.2 91.3 136.9
152 53.9 43.4 65.0





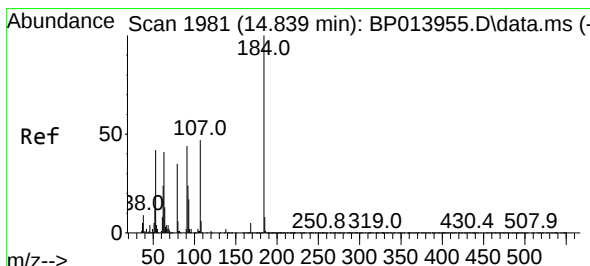
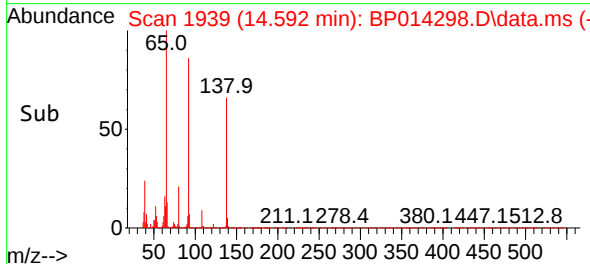
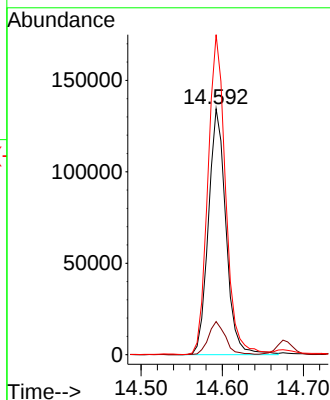
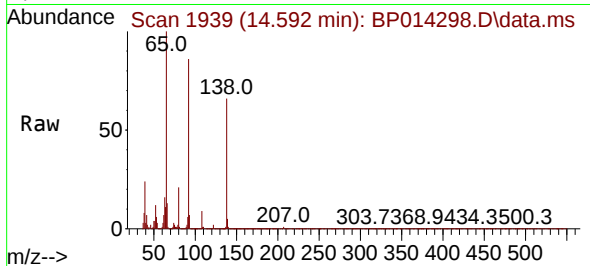
#53
3-Nitroaniline
Concen: 27.454 ng
RT: 14.592 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:138 Resp: 201340
Ion Ratio Lower Upper
138 100
108 13.5 9.5 14.3
92 130.1 99.2 148.8

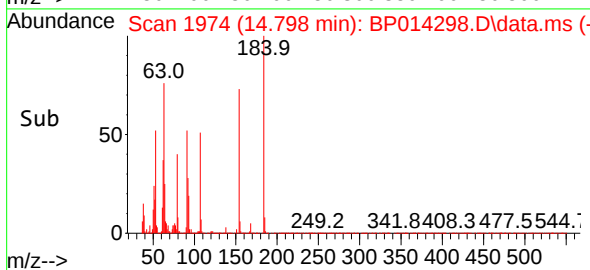
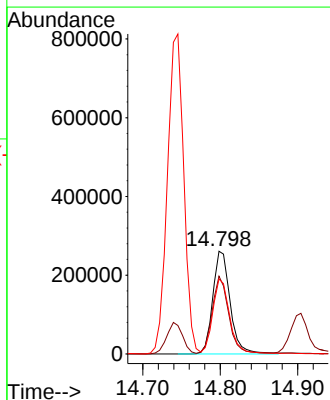
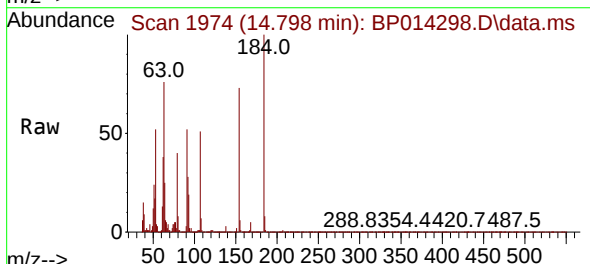
Manual Integrations
APPROVED

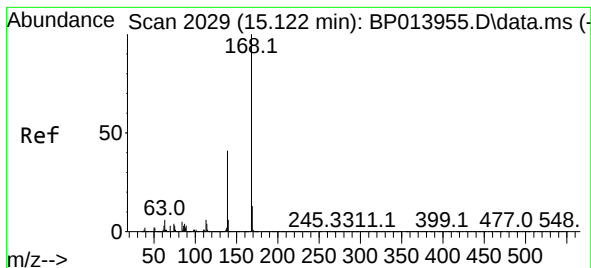
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#54
2,4-Dinitrophenol
Concen: 73.474 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:184 Resp: 406224
Ion Ratio Lower Upper
184 100
63 75.7 52.4 78.6
154 73.1 59.4 89.2





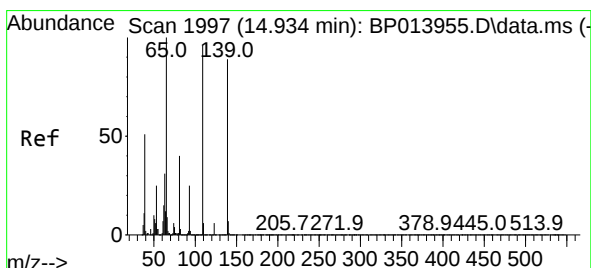
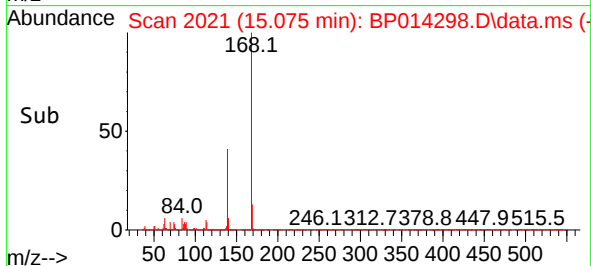
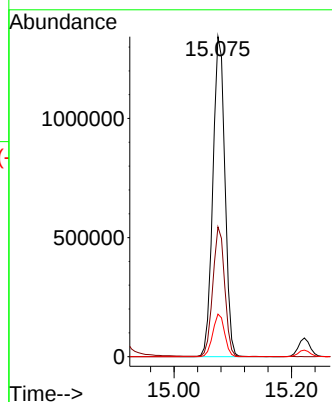
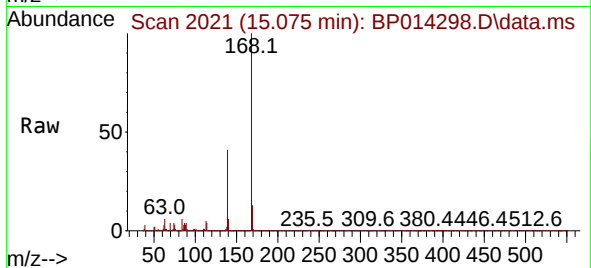
#55
Dibenzenofuran
Concen: 45.714 ng
RT: 15.075 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:168 Resp: 1904214
Ion Ratio Lower Upper
168 100
139 40.5 32.9 49.3
169 13.3 10.6 15.8

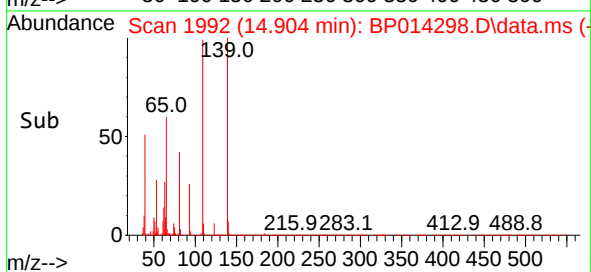
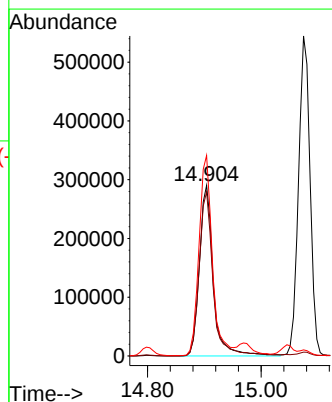
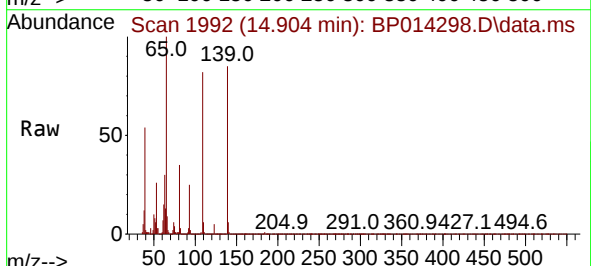
Manual Integrations
APPROVED

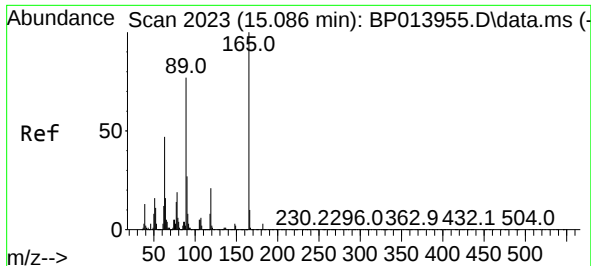
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#56
4-Nitrophenol
Concen: 82.960 ng
RT: 14.904 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:139 Resp: 495438
Ion Ratio Lower Upper
139 100
109 96.3 87.0 127.0
65 117.6 92.1 132.1





#57
2,4-Dinitrotoluene
Concen: 43.753 ng
RT: 15.045 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

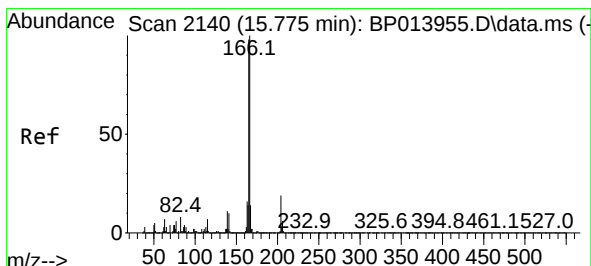
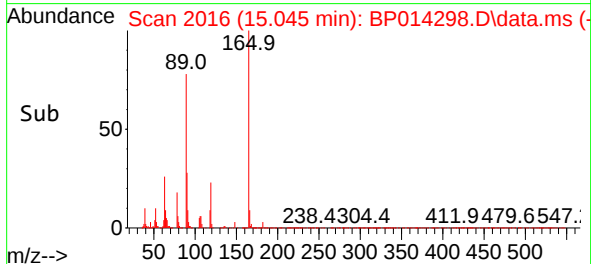
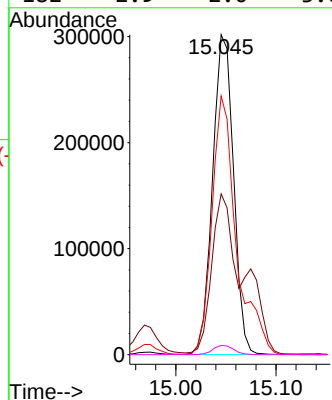
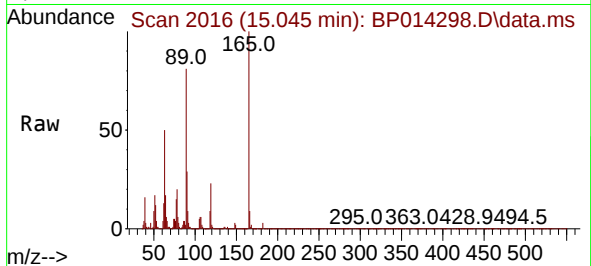
PB151614BS

Tgt Ion:165 Resp: 437670
Ion Ratio Lower Upper
165 100
63 50.2 37.5 56.3
89 80.8 61.8 92.8
182 2.9 2.0 3.0

Manual Integrations

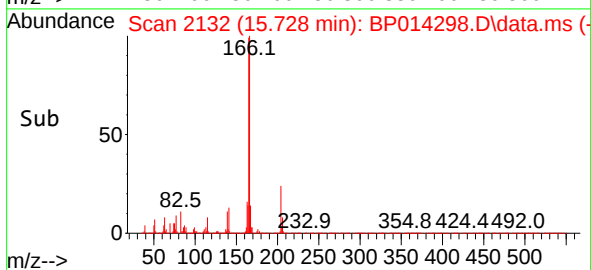
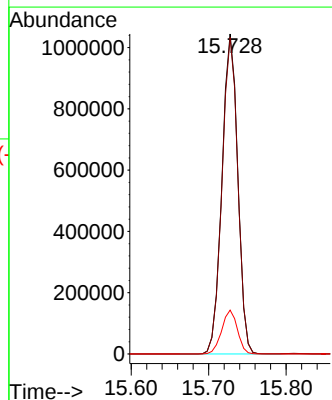
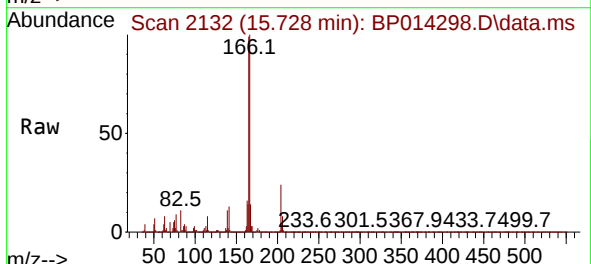
APPROVED

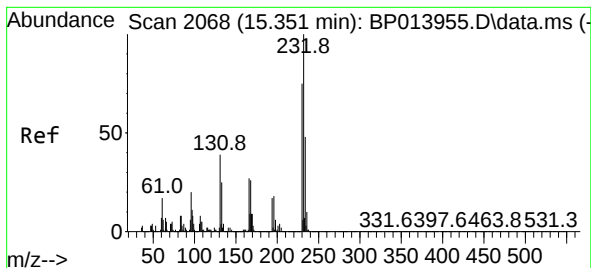
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#58
Fluorene
Concen: 44.731 ng
RT: 15.728 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

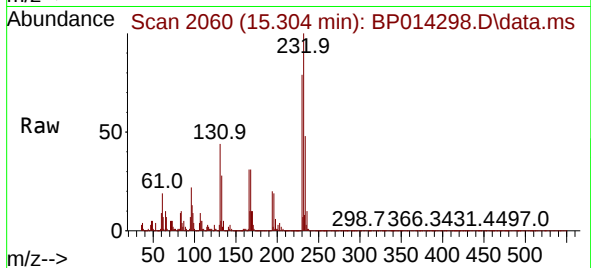
Tgt Ion:166 Resp: 1479493
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.462 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

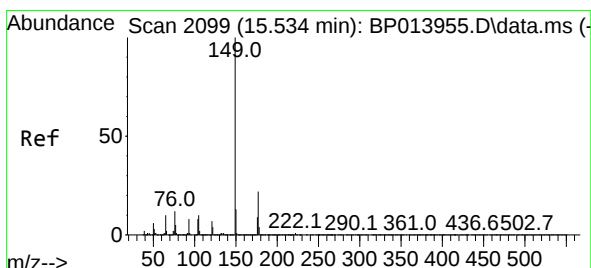
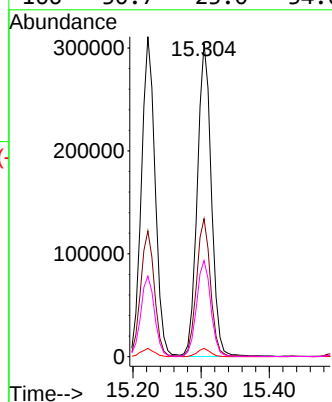
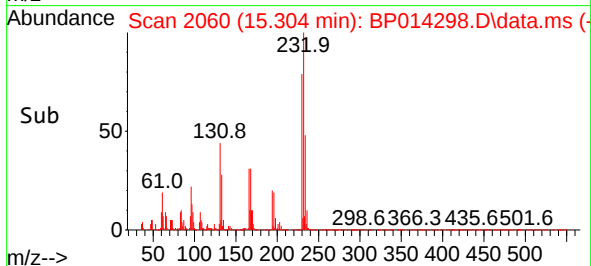
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:232 Resp: 434991
Ion Ratio Lower Upper
232 100
131 43.4 32.5 48.7
130 2.5 1.9 2.9
166 30.7 23.0 34.6

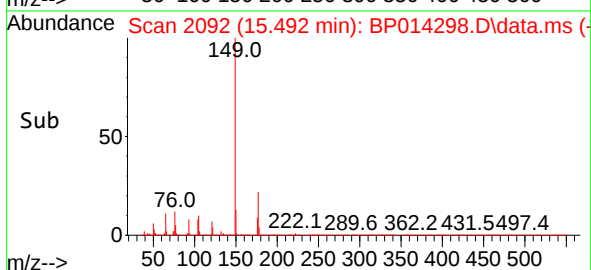
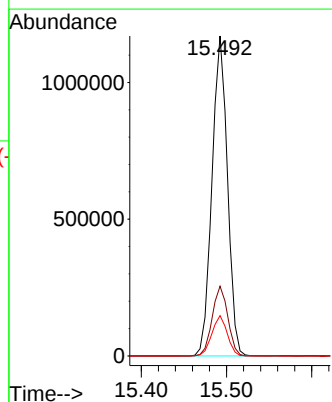
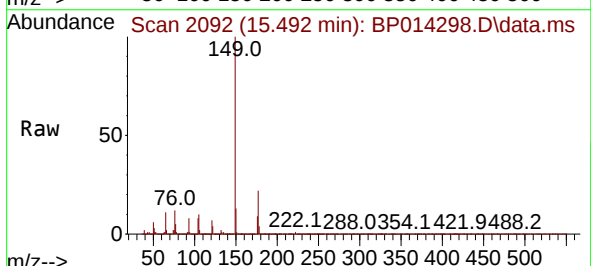
Manual Integrations
APPROVED

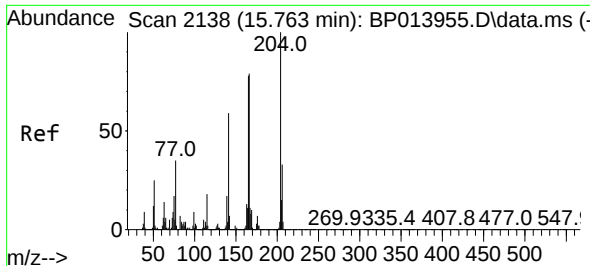
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#60
Diethylphthalate
Concen: 41.992 ng
RT: 15.492 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:149 Resp: 1473322
Ion Ratio Lower Upper
149 100
177 21.8 18.0 27.0
150 12.6 10.3 15.5





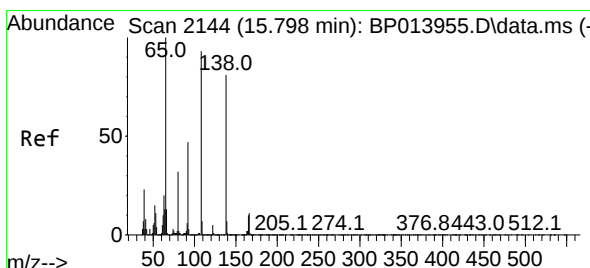
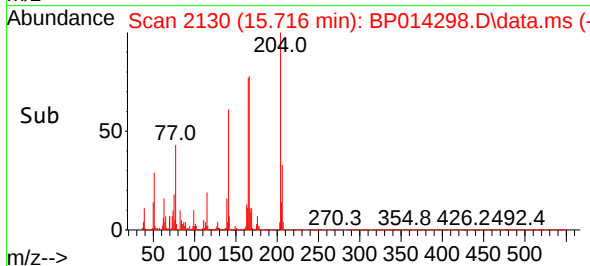
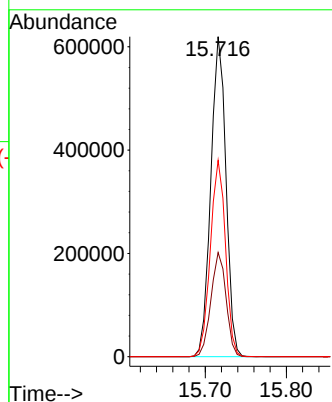
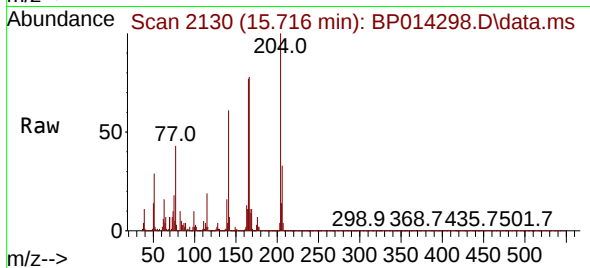
#61
4-Chlorophenyl-phenylether
Concen: 42.717 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:204 Resp: 800938
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 61.4 46.9 70.3

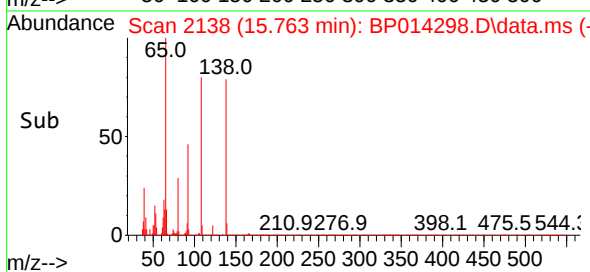
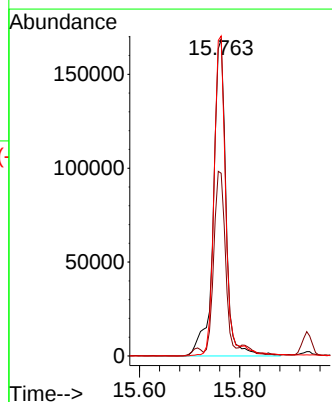
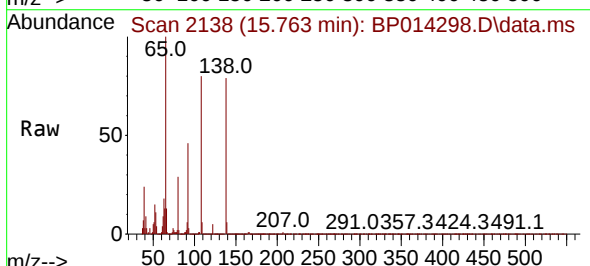
Manual Integrations
APPROVED

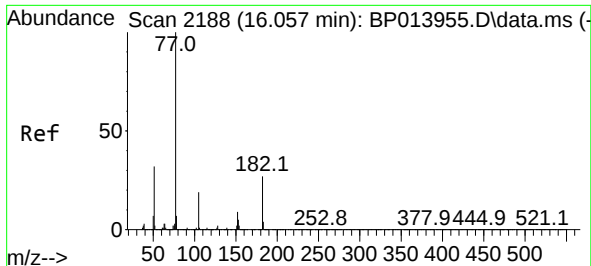
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#62
4-Nitroaniline
Concen: 40.683 ng
RT: 15.763 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

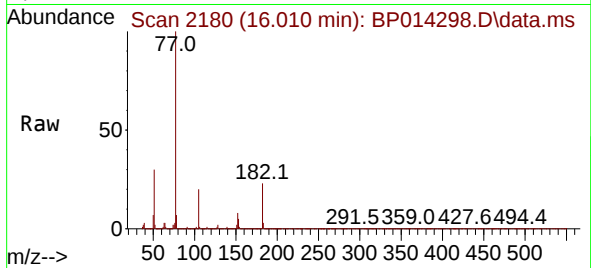
Tgt Ion:138 Resp: 297086
Ion Ratio Lower Upper
138 100
92 57.7 37.9 77.9
108 101.0 94.9 134.9





#63
Azobenzene
Concen: 49.540 ng
RT: 16.010 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

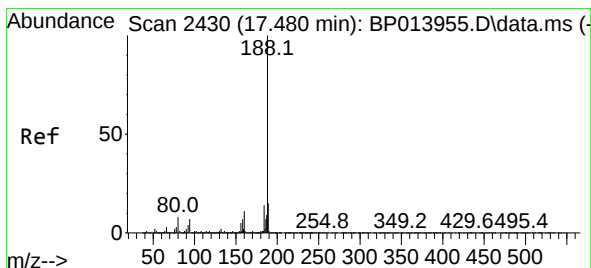
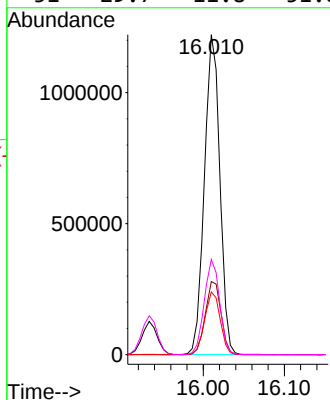
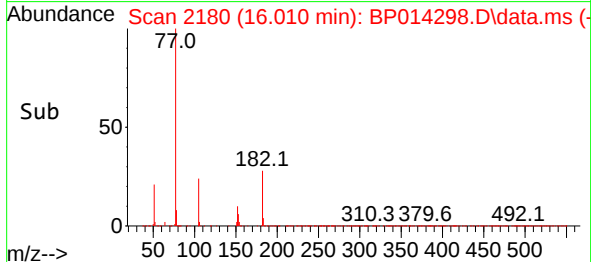
Instrument :
BNA_P
ClientSampleId :
PB151614BS



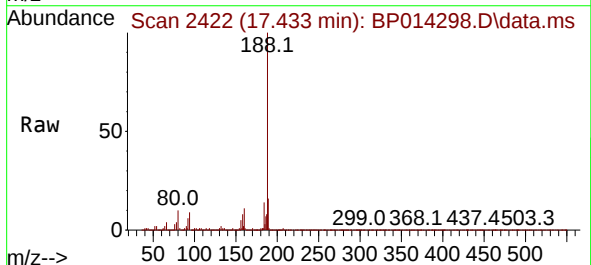
Tgt Ion: 77 Resp: 160835
Ion Ratio Lower Upper
77 100
182 22.9 6.9 46.9
105 19.6 0.0 39.4
51 29.7 11.8 51.8

Manual Integrations
APPROVED

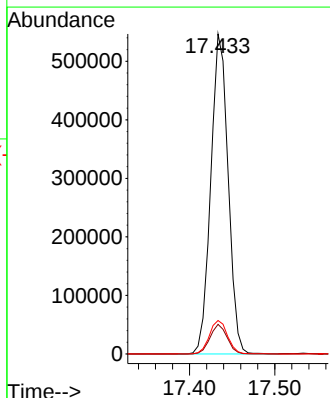
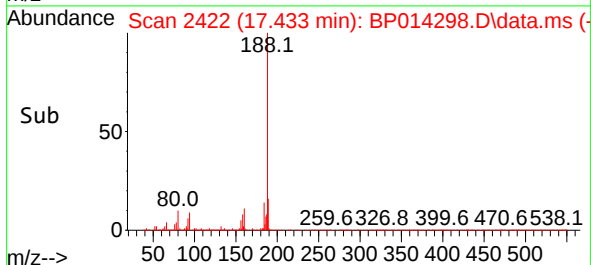
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

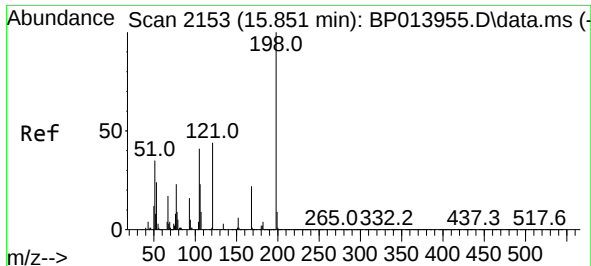


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:188 Resp: 774847
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 10.5 6.6 9.8#





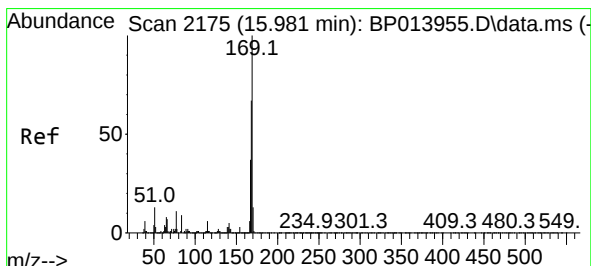
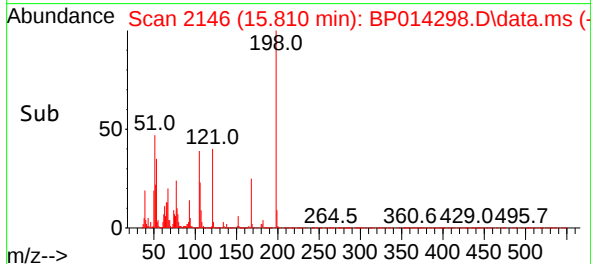
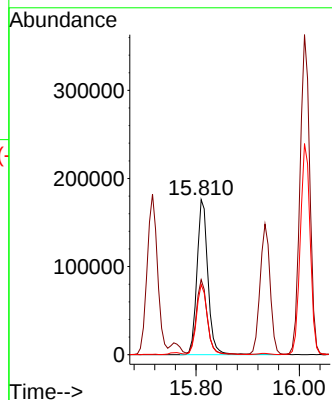
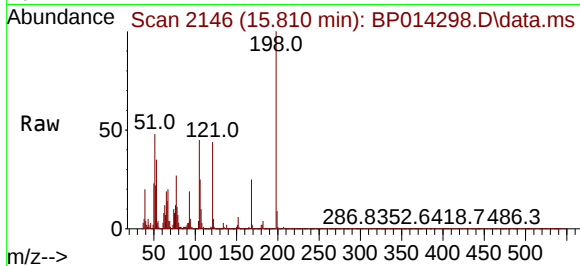
#65
4,6-Dinitro-2-methylphenol
Concen: 44.909 ng
RT: 15.810 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:198 Resp: 25774
Ion Ratio Lower Upper
198 100
51 48.4 22.1 62.1
105 45.1 21.5 61.5

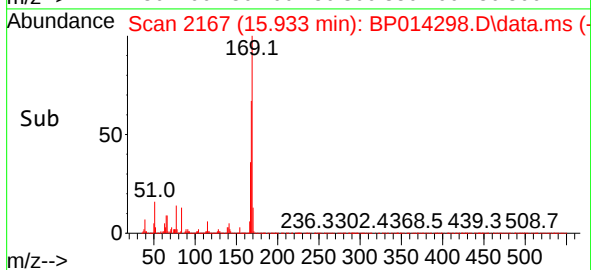
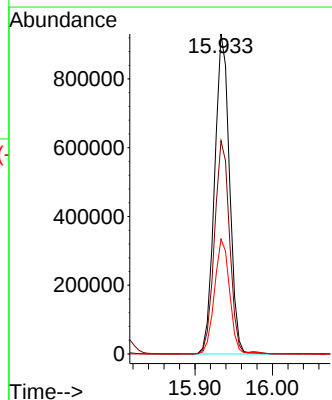
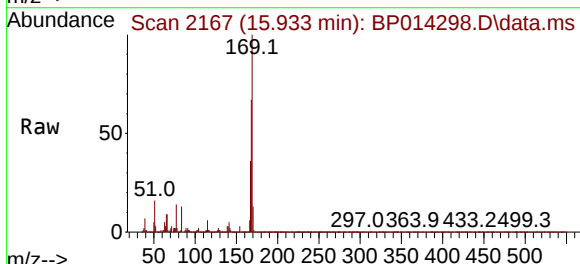
Manual Integrations
APPROVED

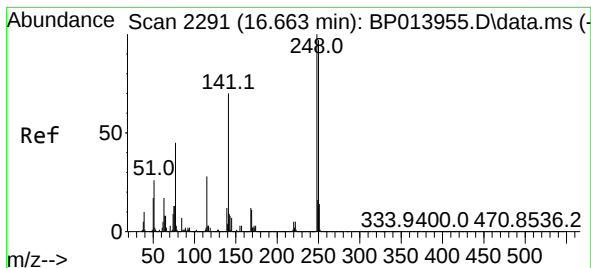
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#66
n-Nitrosodiphenylamine
Concen: 50.811 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:169 Resp: 1244099
Ion Ratio Lower Upper
169 100
168 66.6 54.0 81.0
167 35.9 29.4 44.2





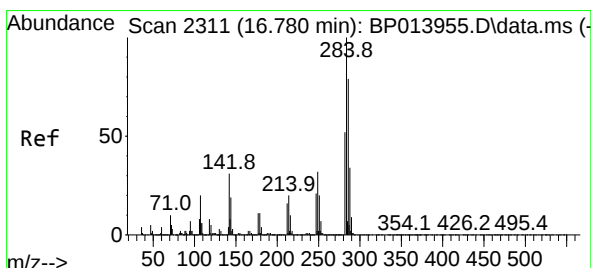
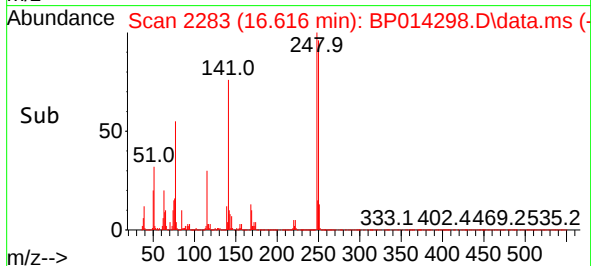
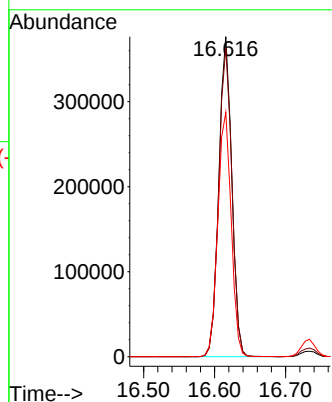
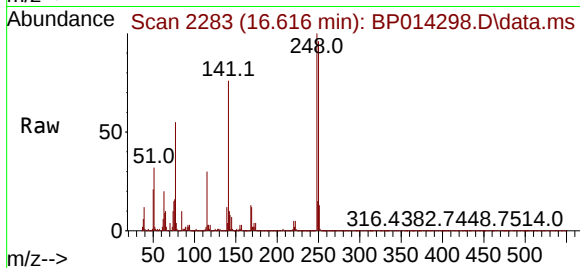
#67
4-Bromophenyl-phenylether
Concen: 46.444 ng
RT: 16.616 min Scan# 210
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:248 Resp: 476019
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 76.4 56.0 84.0

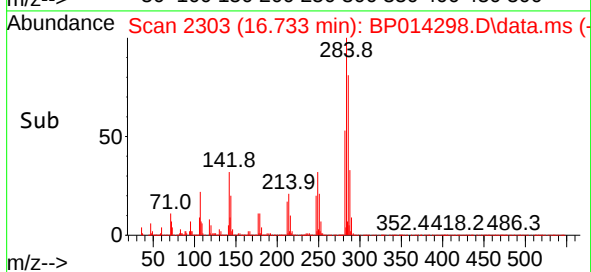
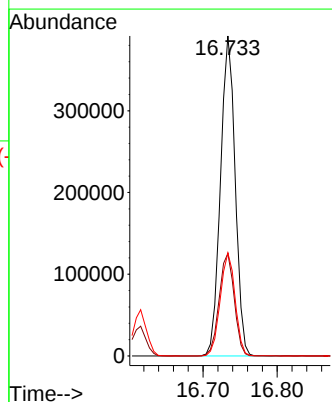
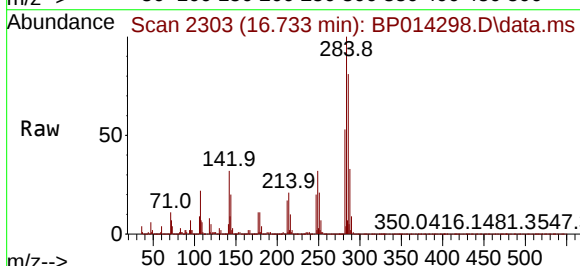
Manual Integrations
APPROVED

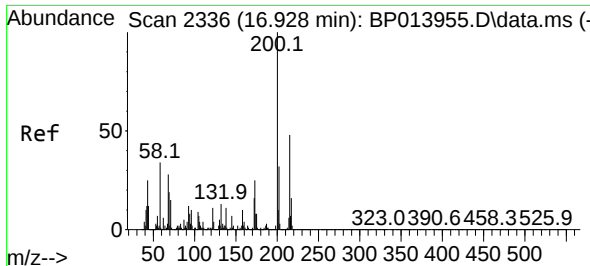
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#68
Hexachlorobenzene
Concen: 49.085 ng
RT: 16.733 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

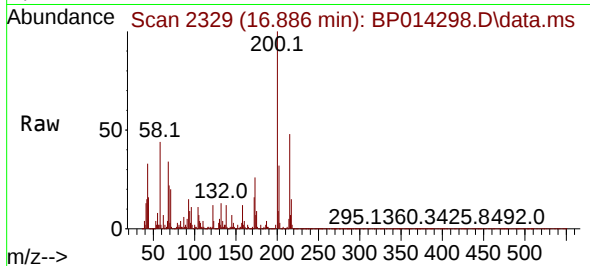
Tgt Ion:284 Resp: 539246
Ion Ratio Lower Upper
284 100
142 32.1 24.8 37.2
249 32.2 25.7 38.5





#69
Atrazine
Concen: 48.091 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

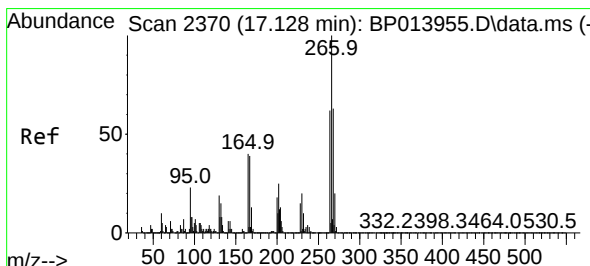
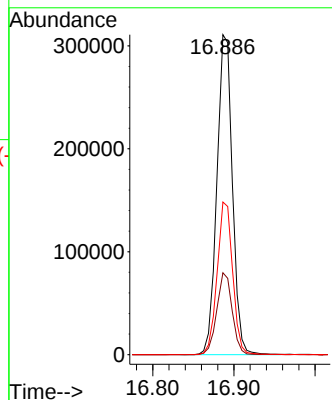
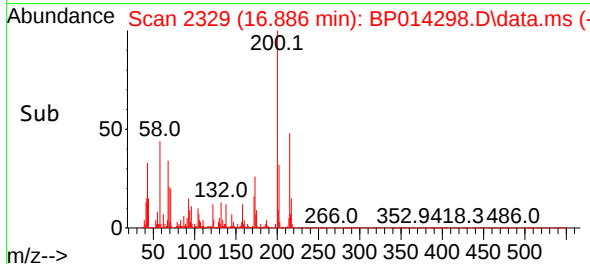
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:200 Resp: 41340
Ion Ratio Lower Upper
200 100
173 25.6 5.5 45.5
215 47.7 27.9 67.9

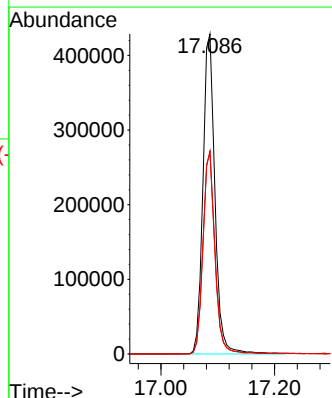
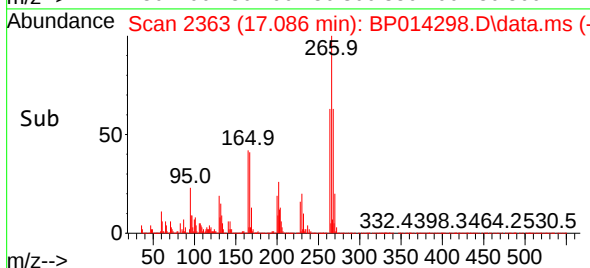
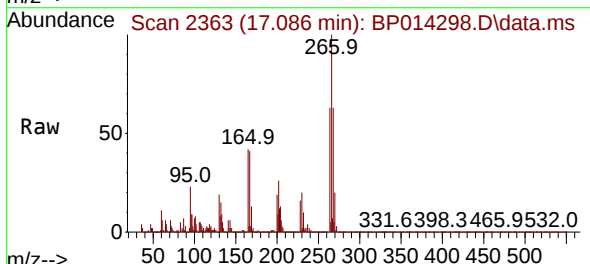
Manual Integrations
APPROVED

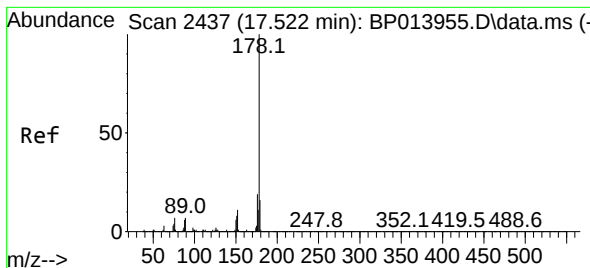
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#70
Pentachlorophenol
Concen: 79.148 ng
RT: 17.086 min Scan# 2363
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:266 Resp: 627100
Ion Ratio Lower Upper
266 100
268 63.3 50.4 75.6
264 63.1 49.2 73.8





#71

Phenanthrene

Concen: 48.183 ng

RT: 17.480 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:178 Resp: 2085670

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

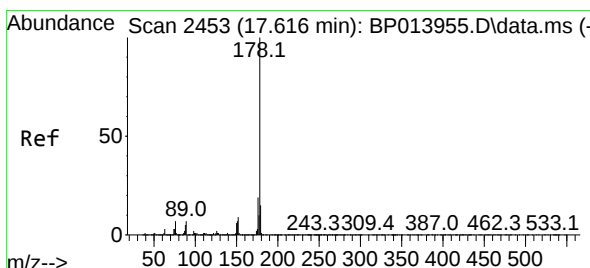
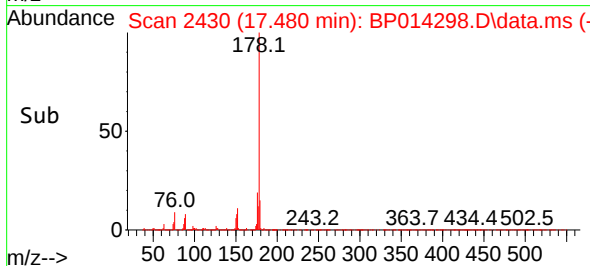
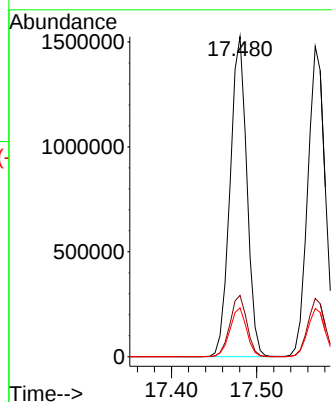
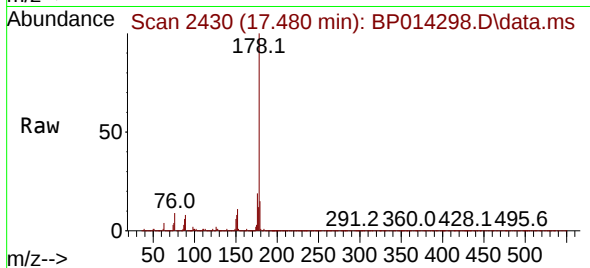
179 15.3 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#72

Anthracene

Concen: 47.523 ng

RT: 17.569 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

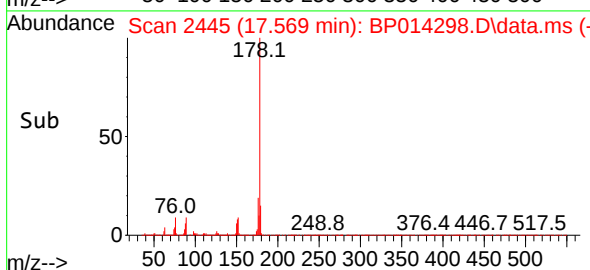
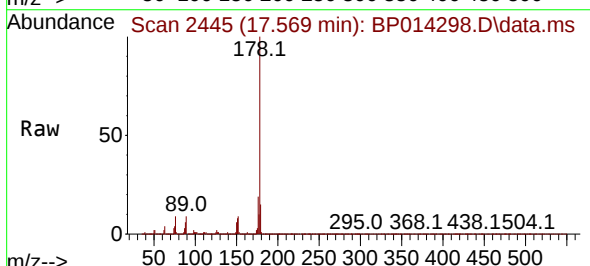
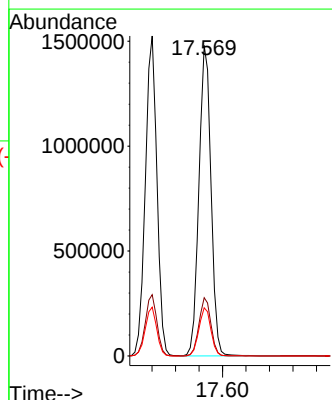
Tgt Ion:178 Resp: 2101931

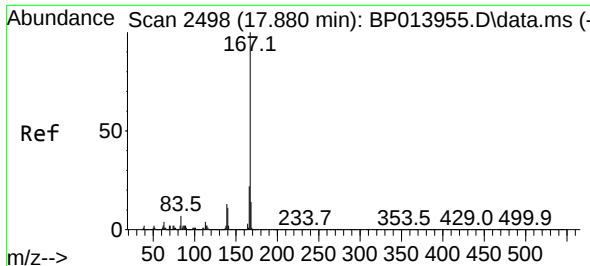
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.5 12.1 18.1





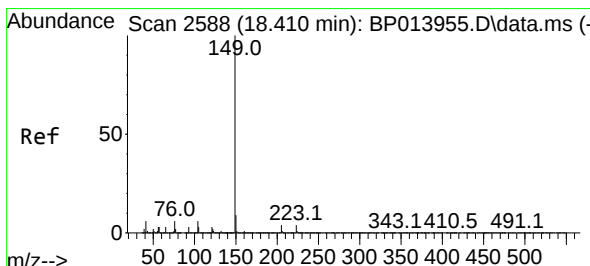
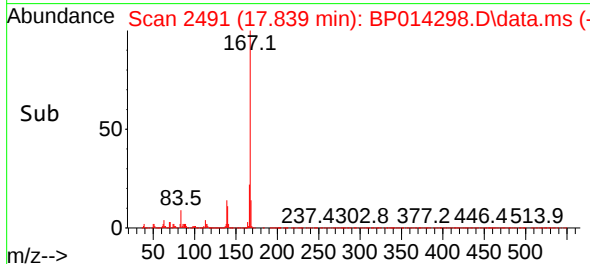
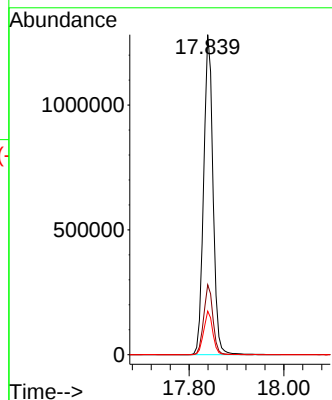
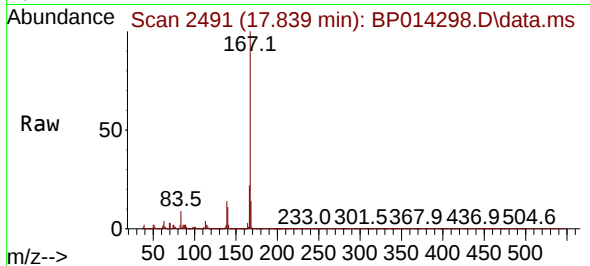
#73
 Carbazole
 Concen: 45.990 ng
 RT: 17.839 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP014298.D
 Acq: 24 Mar 2023 20:40

Instrument :
 BNA_P
 ClientSampleId :
 PB151614BS

Tgt Ion:167 Resp: 175462
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.6 10.5 15.7

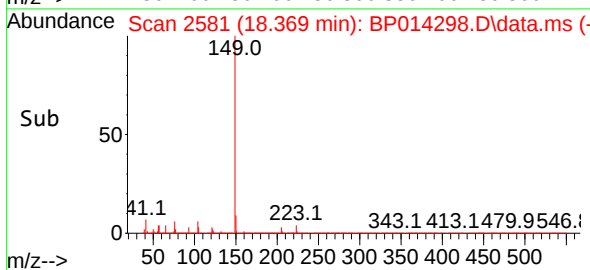
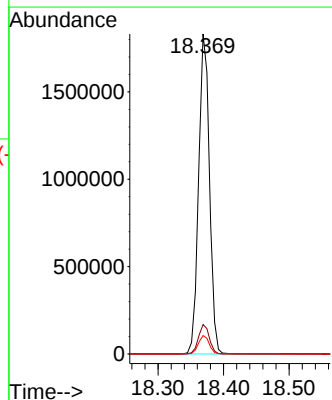
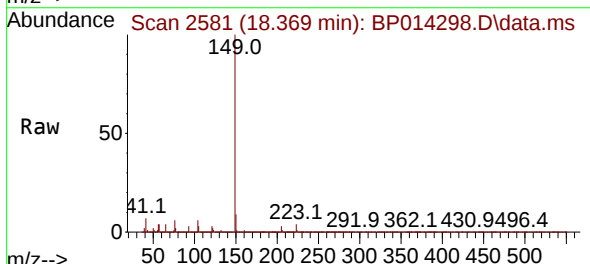
Manual Integrations
 APPROVED

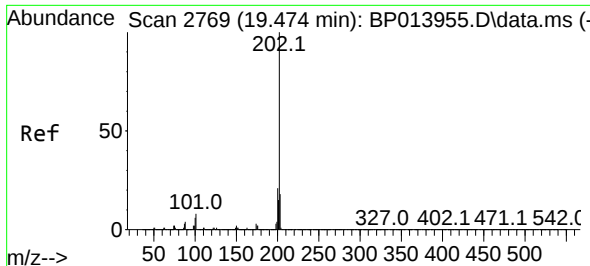
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023



#74
 Di-n-butylphthalate
 Concen: 44.202 ng
 RT: 18.369 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP014298.D
 Acq: 24 Mar 2023 20:40

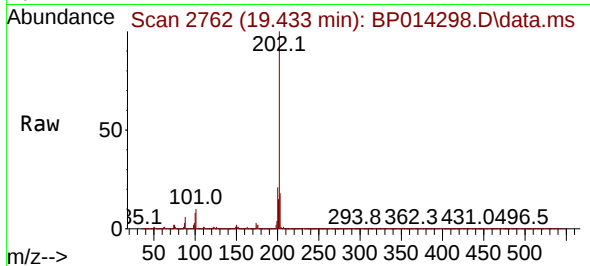
Tgt Ion:149 Resp: 2108510
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.8 4.6 7.0





#75
Fluoranthene
Concen: 39.657 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

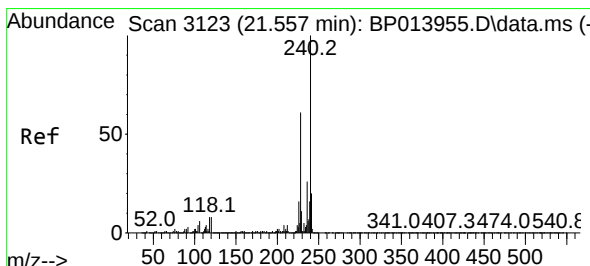
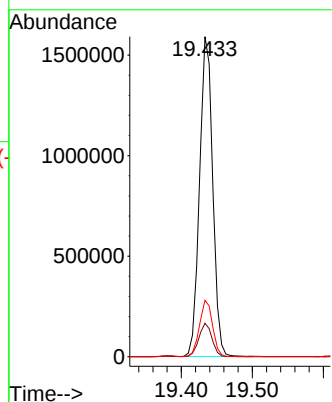
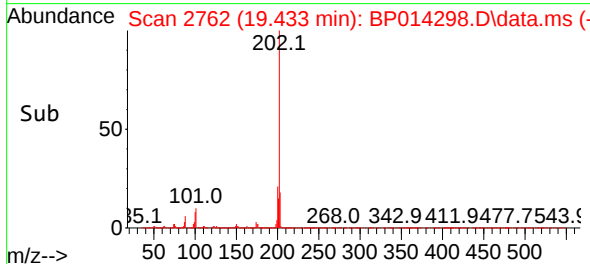
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:202 Resp: 205182
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.9
203 17.6 0.0 37.7

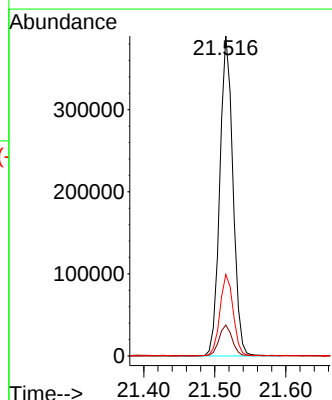
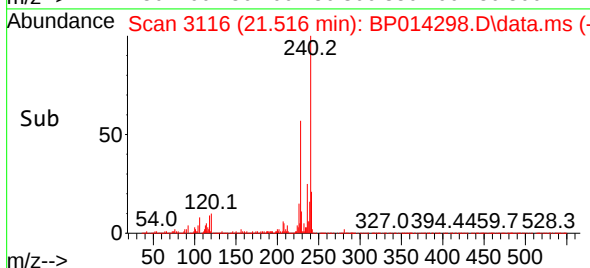
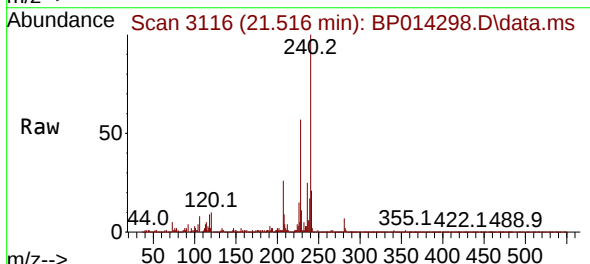
Manual Integrations
APPROVED

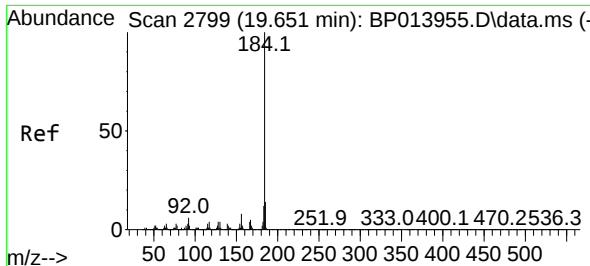
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:240 Resp: 497780
Ion Ratio Lower Upper
240 100
120 9.7 6.4 9.6#
236 25.4 21.2 31.8





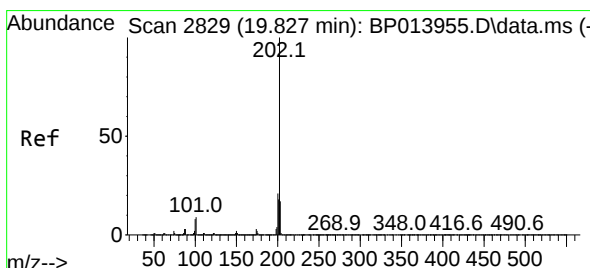
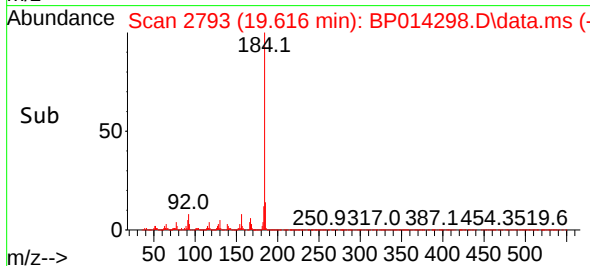
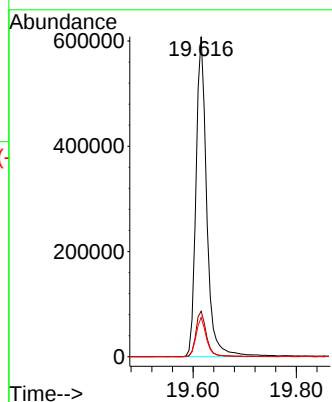
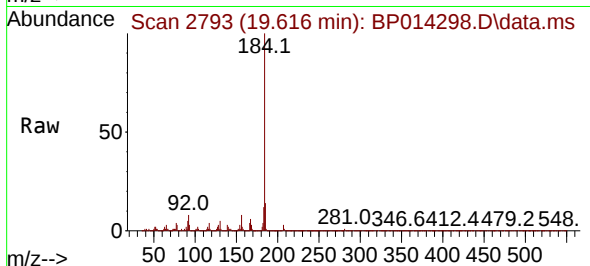
#77
Benzidine
Concen: 94.520 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Instrument :
BNA_P
ClientSampleId :
PB151614BS

Tgt Ion:184 Resp: 88011
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 12.3 9.7 14.5

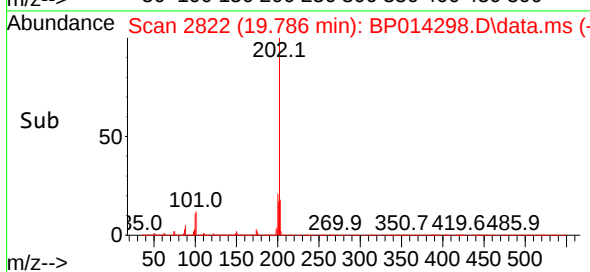
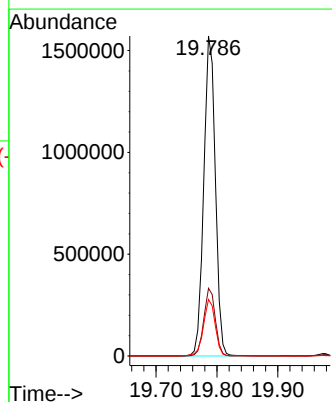
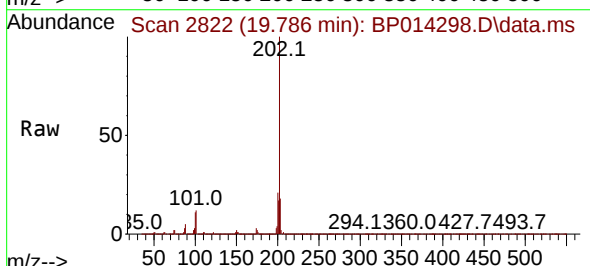
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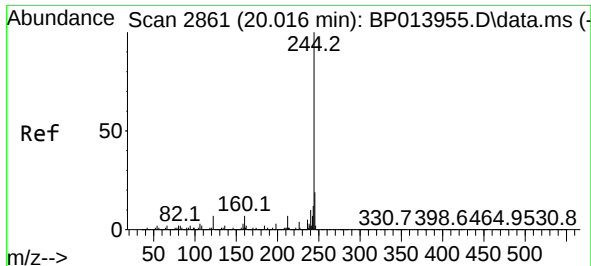
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#78
Pyrene
Concen: 54.419 ng
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:202 Resp: 2079147
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 13.9 20.9





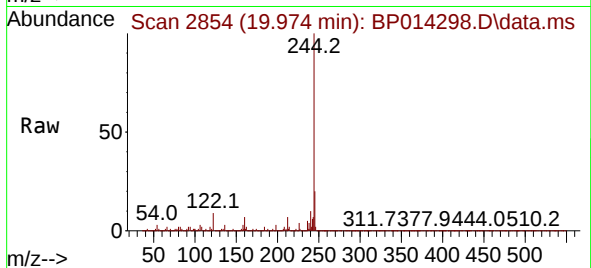
#79
 Terphenyl-d14
 Concen: 112.386 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP014298.D
 Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS



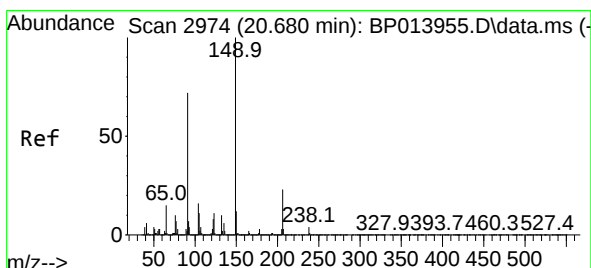
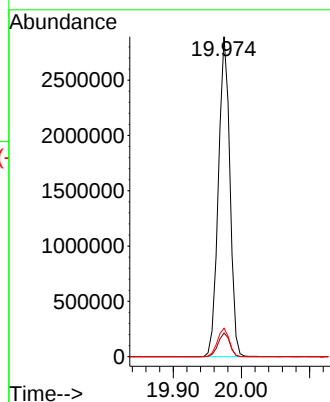
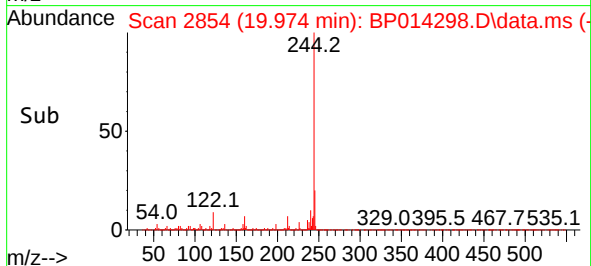
Tgt Ion:244 Resp: 339268

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.9	5.8	8.6

Manual Integrations

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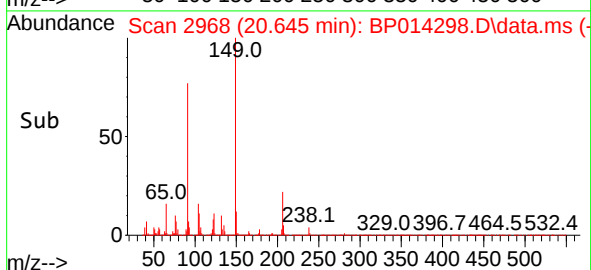
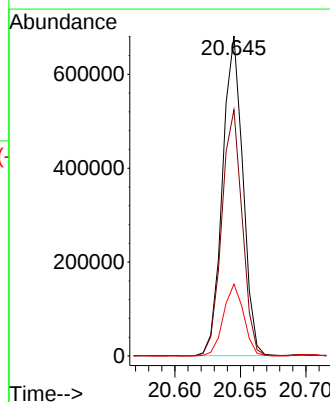
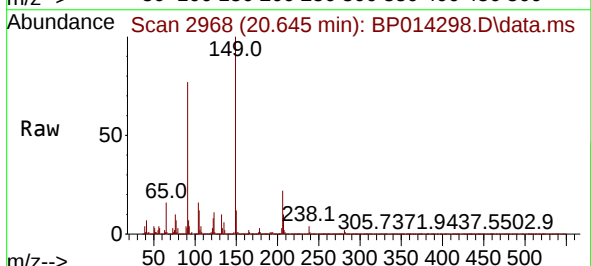
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

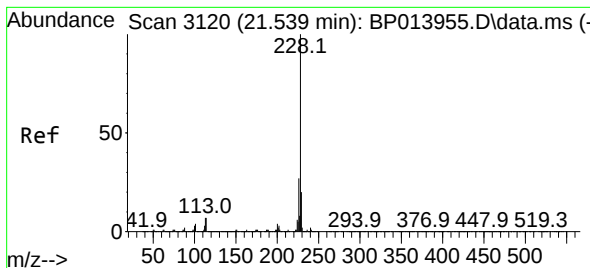


#80
 Butylbenzylphthalate
 Concen: 50.656 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.000 min
 Lab File: BP014298.D
 Acq: 24 Mar 2023 20:40

Tgt Ion:149 Resp: 733740

Ion	Ratio	Lower	Upper
149	100		
91	77.0	58.0	87.0
206	22.4	18.7	28.1





#81

Benzo(a)anthracene

Concen: 46.923 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:228 Resp: 171380

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

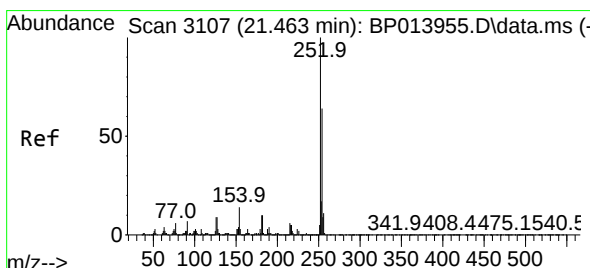
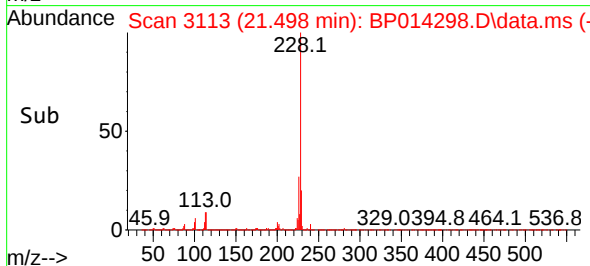
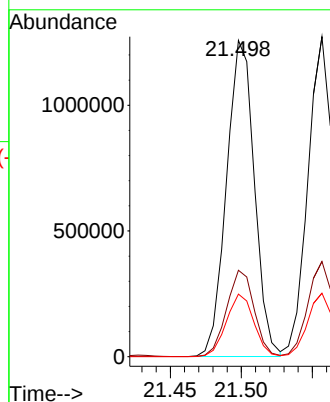
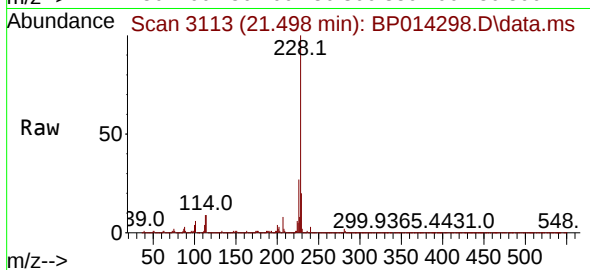
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.142 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

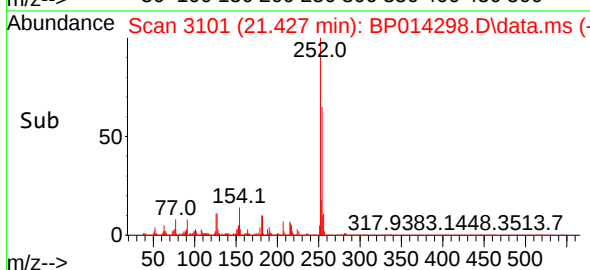
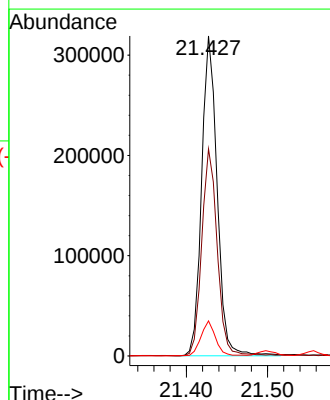
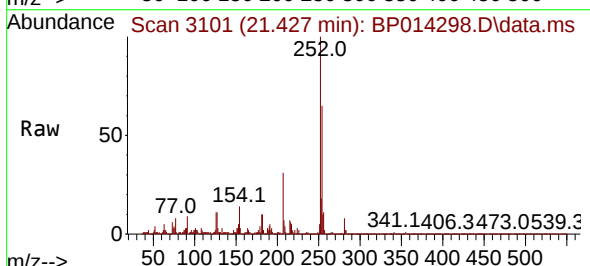
Tgt Ion:252 Resp: 422380

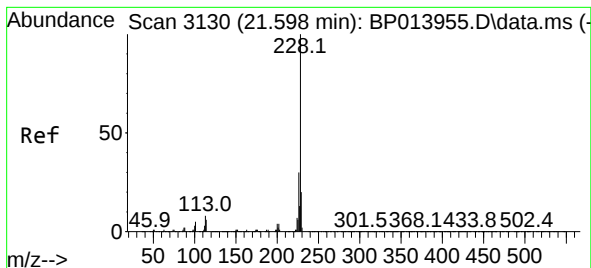
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 11.0 7.0 10.6





#83

Chrysene

Concen: 46.546 ng

RT: 21.557 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:228 Resp: 1609938

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

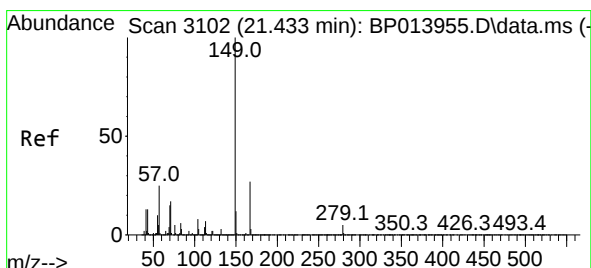
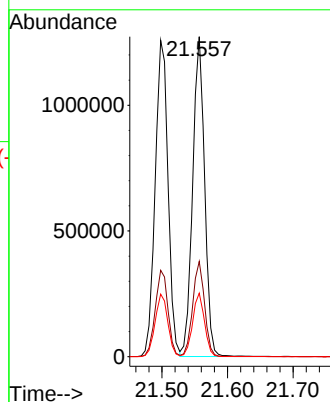
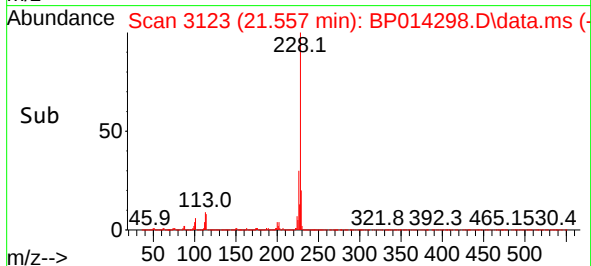
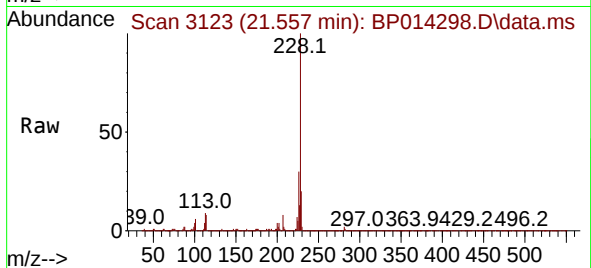
229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.333 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

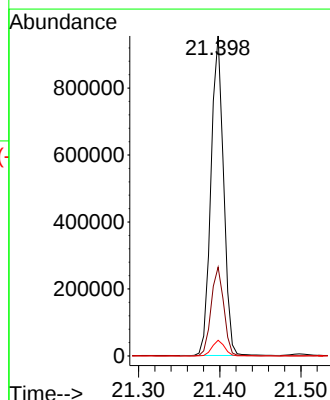
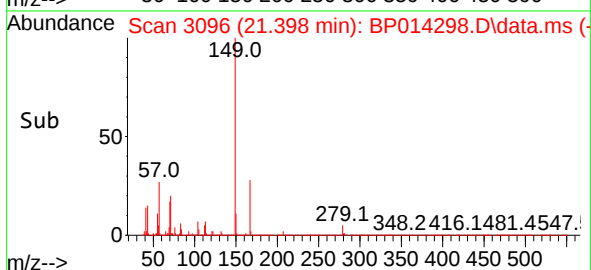
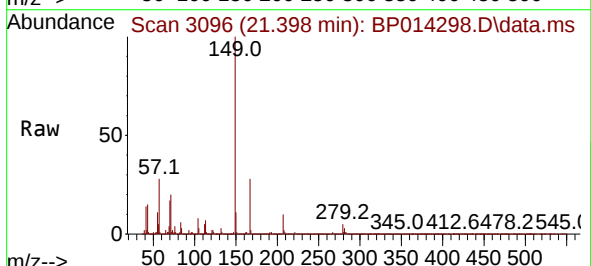
Tgt Ion:149 Resp: 1027052

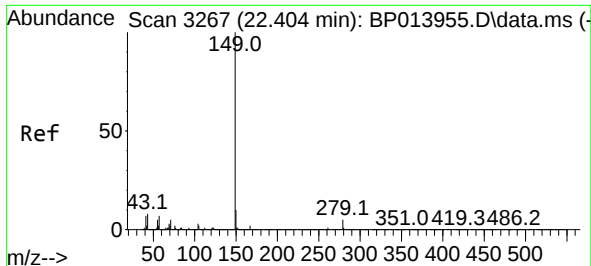
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

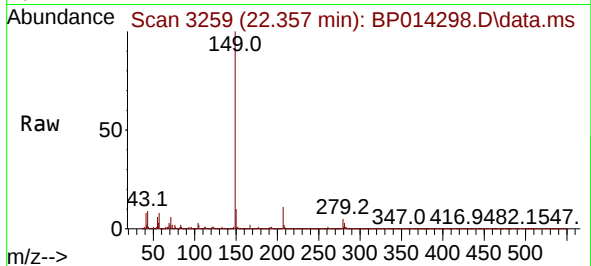
279 4.9 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 47.590 ng
RT: 22.357 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

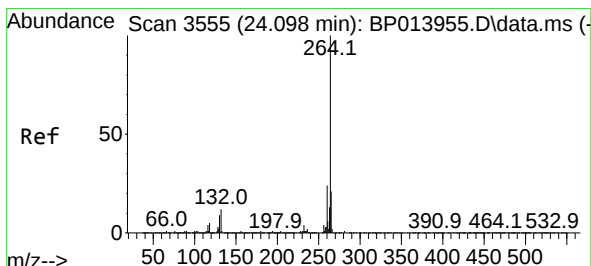
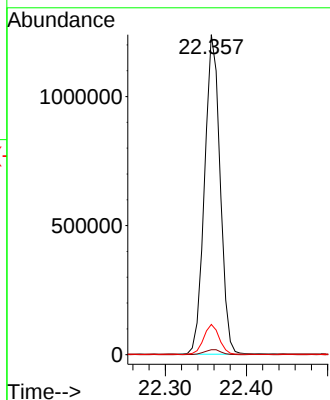
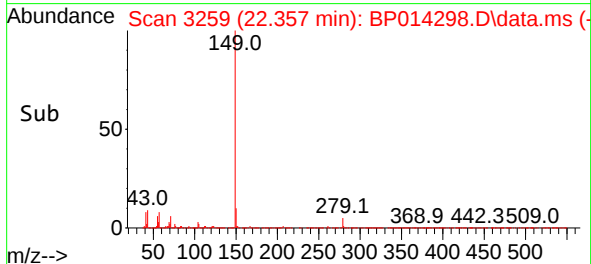
Instrument :
BNA_P
ClientSampleId :
PB151614BS



Tgt Ion:149 Resp: 164154
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.4 6.4 9.6

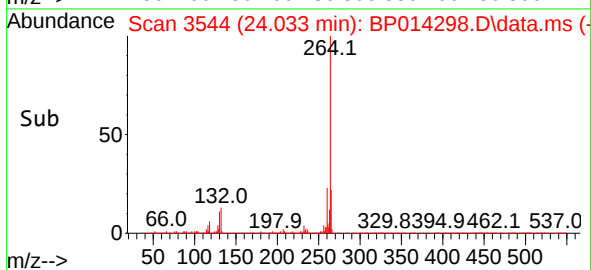
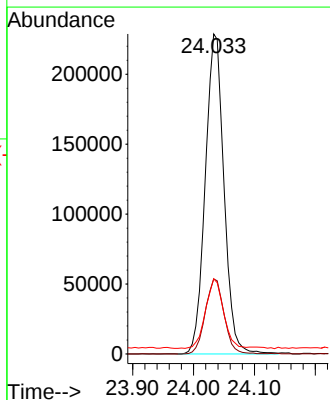
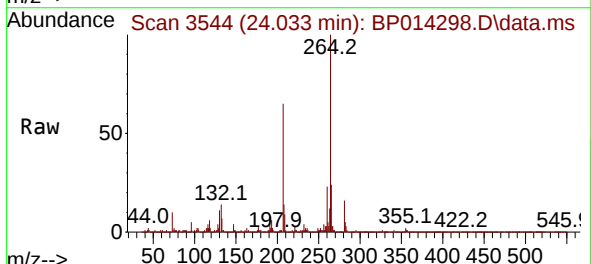
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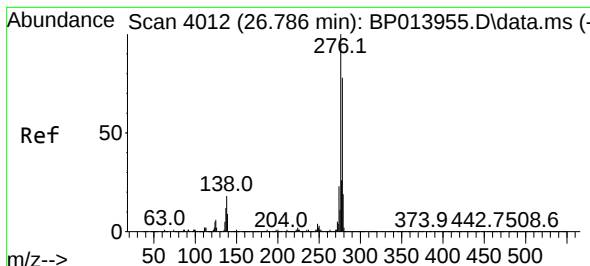
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

Tgt Ion:264 Resp: 488432
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 23.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.536 ng

RT: 26.680 min Scan# 3994

Delta R.T. -0.006 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS

Tgt Ion:276 Resp: 1907230

Ion Ratio Lower Upper

276 100

138 20.0 13.8 20.8

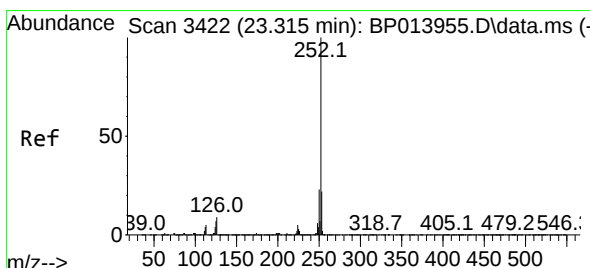
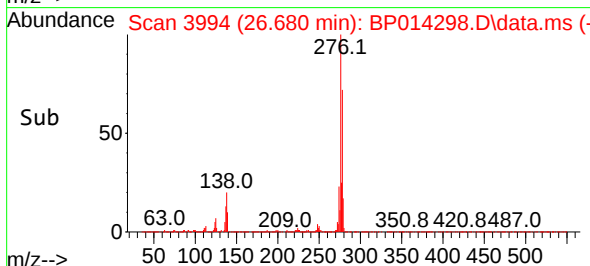
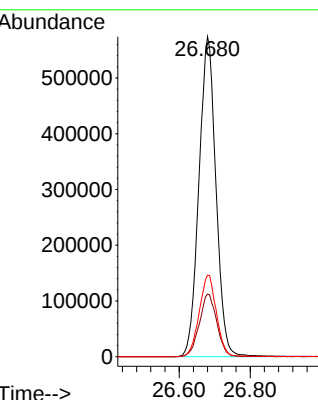
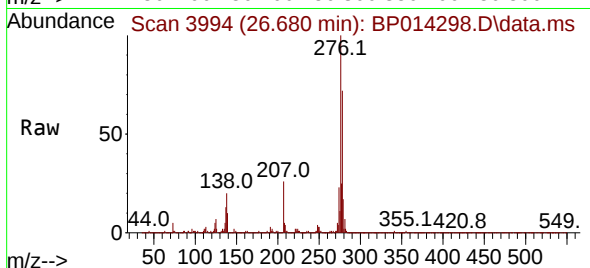
277 25.7 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#88

Benzo(b)fluoranthene

Concen: 50.200 ng

RT: 23.262 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

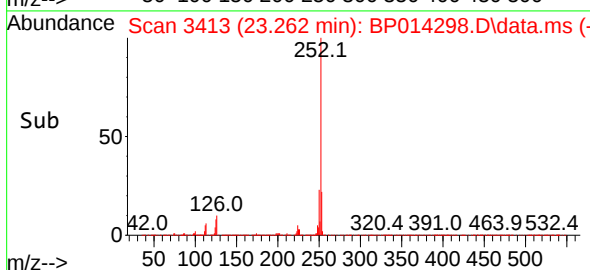
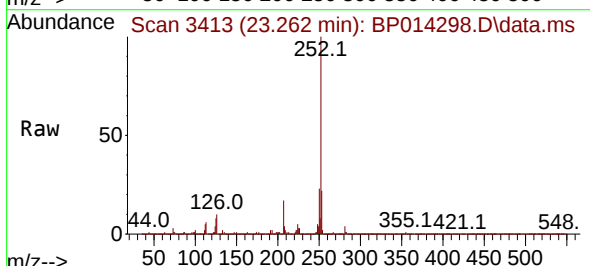
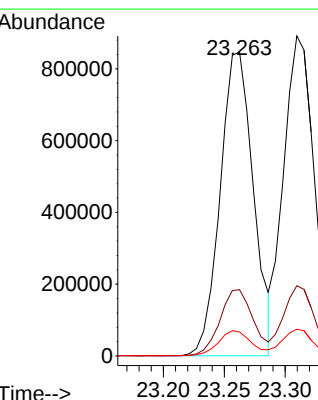
Tgt Ion:252 Resp: 1605541

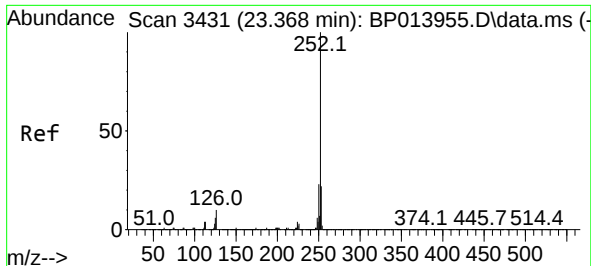
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

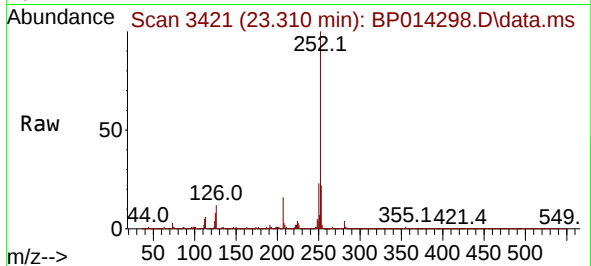
125 7.9 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 49.499 ng m
RT: 23.310 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40

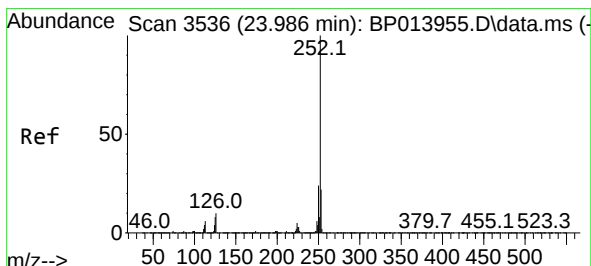
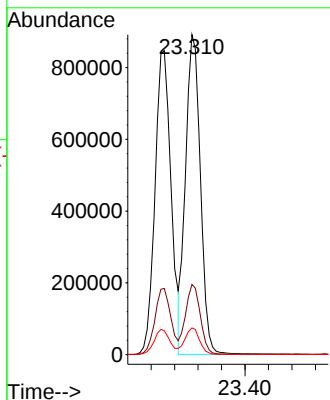
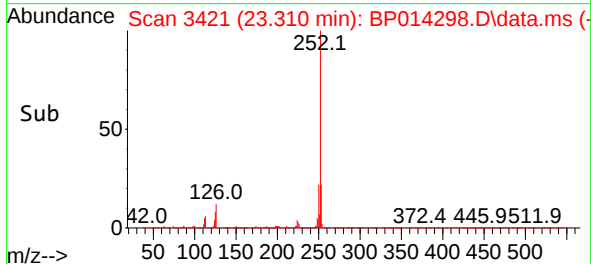
Instrument :
BNA_P
ClientSampleId :
PB151614BS



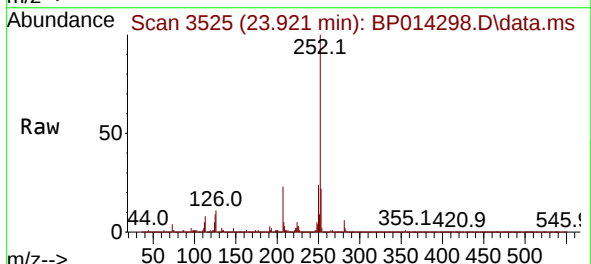
Tgt Ion:252 Resp: 1569610
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.4 5.4 8.0

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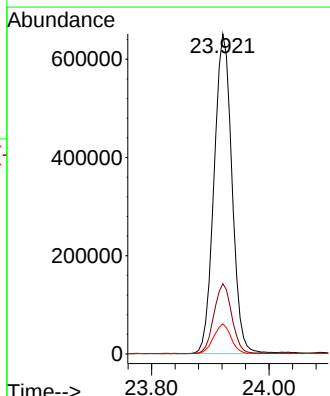
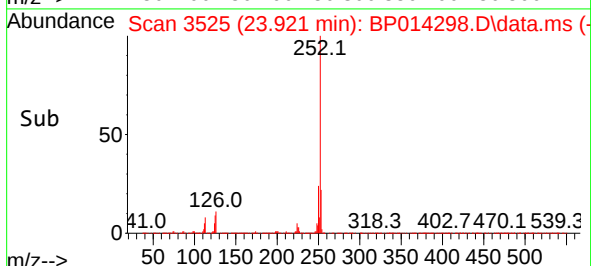
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

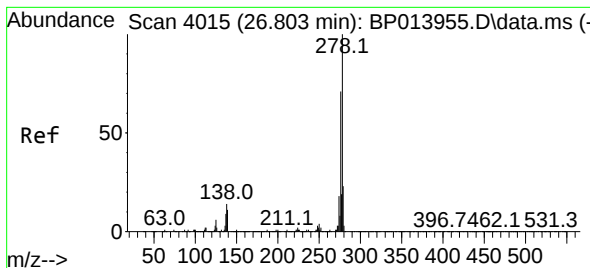


#90
Benzo(a)pyrene
Concen: 45.168 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP014298.D
Acq: 24 Mar 2023 20:40



Tgt Ion:252 Resp: 1377913
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.4 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 50.999 ng

RT: 26.692 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BP014298.D

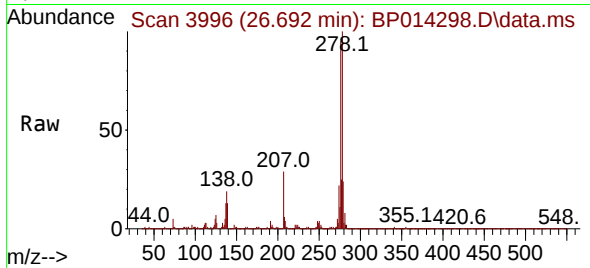
Acq: 24 Mar 2023 20:40

Instrument :

BNA_P

ClientSampleId :

PB151614BS



Tgt Ion:278 Resp: 1600099

Ion Ratio Lower Upper

278 100

139 12.9 8.7 13.1

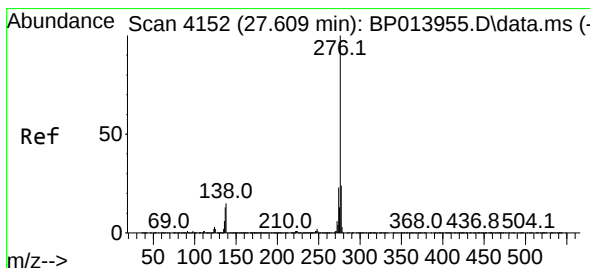
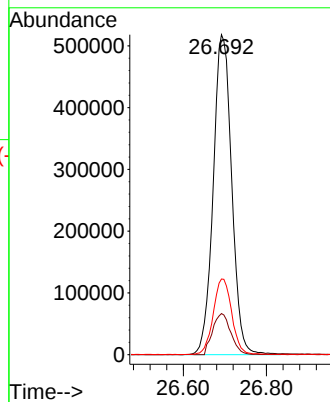
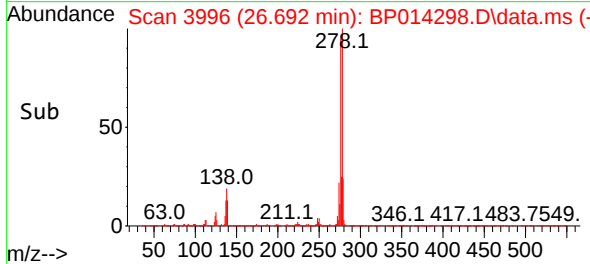
279 23.7 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#92

Benzo(g,h,i)perylene

Concen: 50.737 ng

RT: 27.498 min Scan# 4133

Delta R.T. -0.006 min

Lab File: BP014298.D

Acq: 24 Mar 2023 20:40

Tgt Ion:276 Resp: 1577565

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 16.8 12.2 18.4

