

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014300.D
 Acq On : 24 Mar 2023 21:49
 Operator : CG/JU
 Sample : PB151516BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151516BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 03:22:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	186669	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	676742	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	381644	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	736976	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	610059	20.000	ng	0.00
86) Perylene-d12	24.033	264	620464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1699241	147.627	ng	0.00
7) Phenol-d6	7.199	99	2158376	142.823	ng	0.00
23) Nitrobenzene-d5	9.210	82	1462671	98.786	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	806542	130.344	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2871318	97.474	ng	0.00
79) Terphenyl-d14	19.974	244	3740273	101.097	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	200887	40.174	ng	94
3) Pyridine	3.852	79	530969	38.236	ng	94
4) n-Nitrosodimethylamine	3.763	42	286980	46.557	ng	96
6) Aniline	7.357	93	772995	38.939	ng	97
8) 2-Chlorophenol	7.593	128	586516	47.576	ng	95
9) Benzaldehyde	7.169	77	456640m	60.382	ng	
10) Phenol	7.222	94	765230	48.653	ng	99
11) bis(2-Chloroethyl)ether	7.451	93	600531	48.222	ng	96
12) 1,3-Dichlorobenzene	7.916	146	664971	49.086	ng	99
13) 1,4-Dichlorobenzene	8.069	146	677994	49.470	ng	100
14) 1,2-Dichlorobenzene	8.387	146	643953	49.056	ng	99
15) Benzyl Alcohol	8.281	79	583827m	47.384	ng	
16) 2,2'-oxybis(1-Chloropr...	8.563	45	787742m	58.102	ng	
17) 2-Methylphenol	8.481	107	501226	44.683	ng	99
18) Hexachloroethane	9.116	117	261809	50.851	ng	94
19) n-Nitroso-di-n-propyla...	8.845	70	484939	48.752	ng	97
20) 3+4-Methylphenols	8.810	107	663272	43.905	ng	99
22) Acetophenone	8.869	105	930721	49.031	ng	# 98
24) Nitrobenzene	9.251	77	735352	48.538	ng	97
25) Isophorone	9.781	82	1245965	45.669	ng	98
26) 2-Nitrophenol	9.963	139	311585	47.283	ng	96
27) 2,4-Dimethylphenol	10.022	122	513433	47.918	ng	96
28) bis(2-Chloroethoxy)met...	10.257	93	764047	48.386	ng	99
29) 2,4-Dichlorophenol	10.498	162	531147	45.285	ng	98
30) 1,2,4-Trichlorobenzene	10.716	180	617426	46.367	ng	98
31) Naphthalene	10.904	128	1723222	46.341	ng	99
32) Benzoic acid	10.187	122	328200	37.583	ng	92
33) 4-Chloroaniline	11.028	127	192802	12.095	ng	98
34) Hexachlorobutadiene	11.181	225	427303	44.137	ng	97
35) Caprolactam	11.822	113	142171m	42.346	ng	
36) 4-Chloro-3-methylphenol	12.139	107	583160	44.580	ng	96
37) 2-Methylnaphthalene	12.504	142	1162770	42.384	ng	99
38) 1-Methylnaphthalene	12.728	142	1081500	42.291	ng	99
40) 1,2,4,5-Tetrachloroben...	12.875	216	710948	48.872	ng	# 99
41) Hexachlorocyclopentadiene	12.845	237	1018793	111.594	ng	100
43) 2,4,6-Trichlorophenol	13.116	196	424221	46.135	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.186	196	450651	42.294	ng	99
46) 1,1'-Biphenyl	13.510	154	1533754	49.928	ng	98
47) 2-Chloronaphthalene	13.557	162	1171293	49.530	ng	99
48) 2-Nitroaniline	13.763	65	369683	51.511	ng	92
49) Acenaphthylene	14.398	152	1782947	47.410	ng	100
50) Dimethylphthalate	14.133	163	1399839	44.460	ng	99
51) 2,6-Dinitrotoluene	14.257	165	302584	45.636	ng	94
52) Acenaphthene	14.739	154	1058808	46.770	ng	99
53) 3-Nitroaniline	14.592	138	175725	27.043	ng	92
54) 2,4-Dinitrophenol	14.798	184	383768	78.137	ng	93
55) Dibenzofuran	15.075	168	1709439	46.318	ng	99
56) 4-Nitrophenol	14.898	139	468069	88.460	ng	92
57) 2,4-Dinitrotoluene	15.045	165	403352	45.510	ng	# 94
58) Fluorene	15.727	166	1332054	45.454	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.304	232	390537	42.013	ng	95
60) Diethylphthalate	15.492	149	1374270	44.208	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	712307	42.877	ng	96
62) 4-Nitroaniline	15.757	138	281506	43.508	ng	91
63) Azobenzene	16.010	77	1454881	50.578	ng	96
65) 4,6-Dinitro-2-methylph...	15.810	198	242199	44.369	ng	91
66) n-Nitrosodiphenylamine	15.933	169	1138543	48.890	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	439251	45.059	ng	95
68) Hexachlorobenzene	16.733	284	502633	48.103	ng	99
69) Atrazine	16.886	200	408384	49.948	ng	98
70) Pentachlorophenol	17.080	266	608528	80.751	ng	99
71) Phenanthrene	17.480	178	1985419	48.224	ng	99
72) Anthracene	17.569	178	1999451	47.529	ng	100
73) Carbazole	17.839	167	1733032	47.758	ng	100
74) Di-n-butylphthalate	18.369	149	2164715	47.712	ng	99
75) Fluoranthene	19.433	202	2164369	43.982	ng	97
77) Benzidine	19.616	184	1069385	93.441	ng	100
78) Pyrene	19.786	202	2247065	47.989	ng	100
80) Butylbenzylphthalate	20.645	149	894068	50.365	ng	97
81) Benzo(a)anthracene	21.498	228	2095644	46.817	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	516131	36.036	ng	99
83) Chrysene	21.557	228	1951817	46.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	1292466	49.629	ng	100
85) Di-n-octyl phthalate	22.357	149	2122533	50.209	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	2333622	48.676	ng	98
88) Benzo(b)fluoranthene	23.262	252	2051511	50.495	ng	99
89) Benzo(k)fluoranthene	23.309	252	1997015	49.576	ng	98
90) Benzo(a)pyrene	23.921	252	1764279	45.527	ng	99
91) Dibenzo(a,h)anthracene	26.698	278	1946682	48.843	ng	98
92) Benzo(g,h,i)perylene	27.497	276	1915535	48.497	ng	98

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

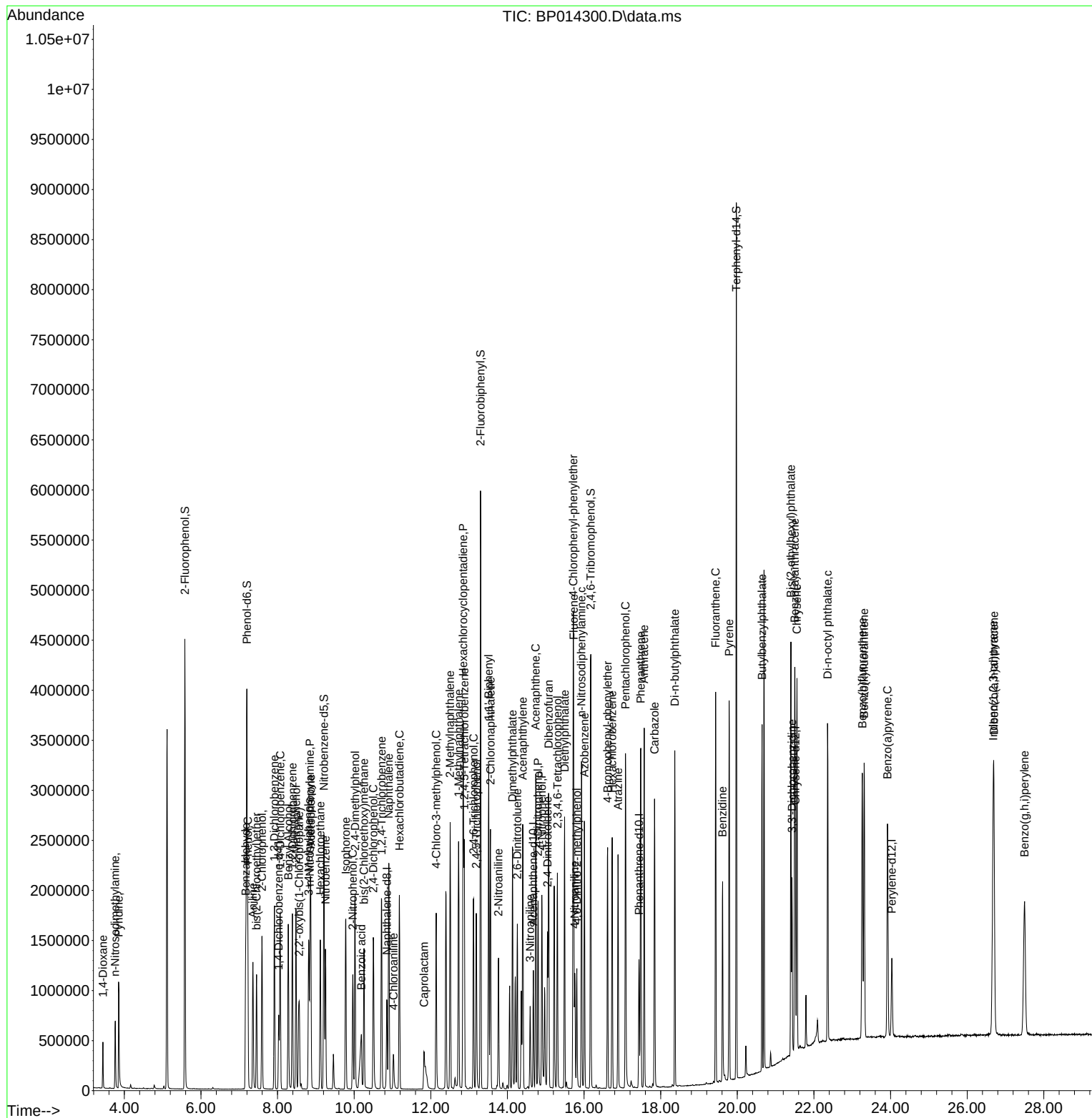
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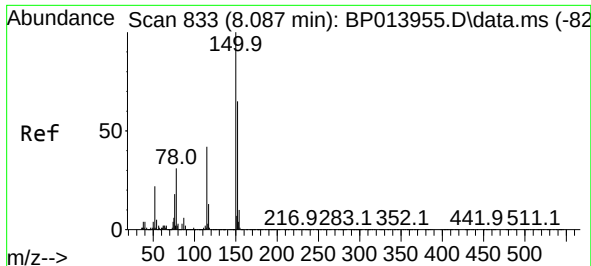
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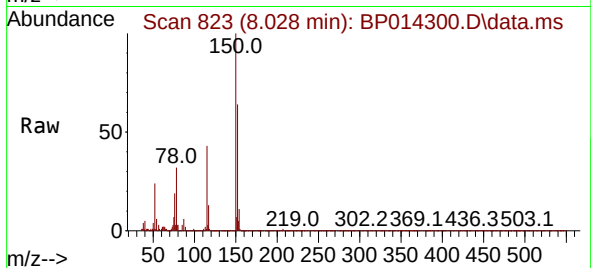
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

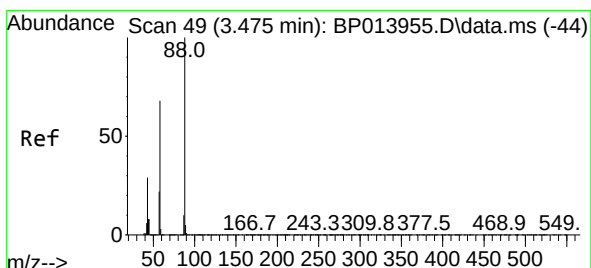
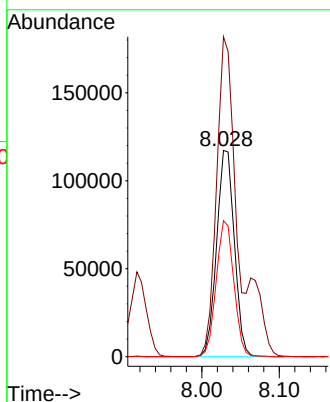
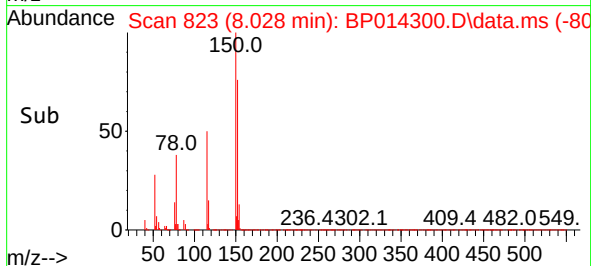
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:152 Resp: 186669
Ion Ratio Lower Upper
152 100
150 155.2 122.3 183.5
115 66.0 51.6 77.4

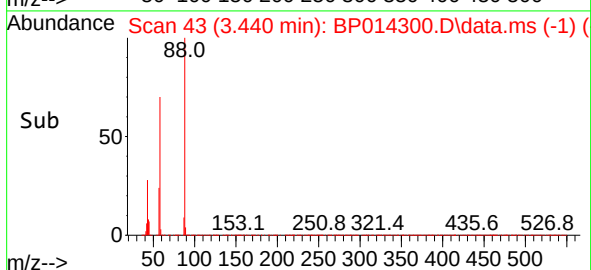
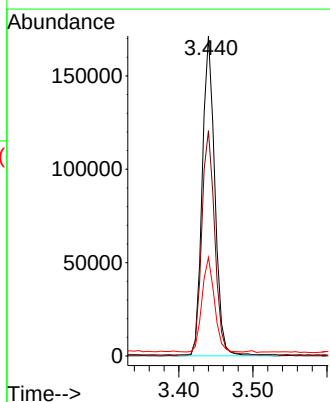
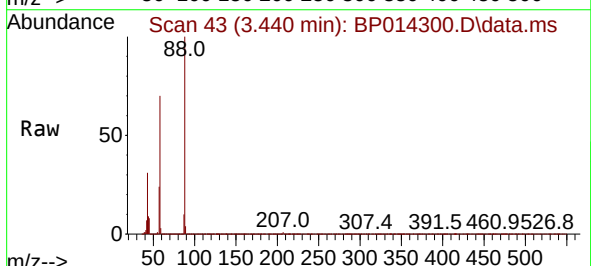
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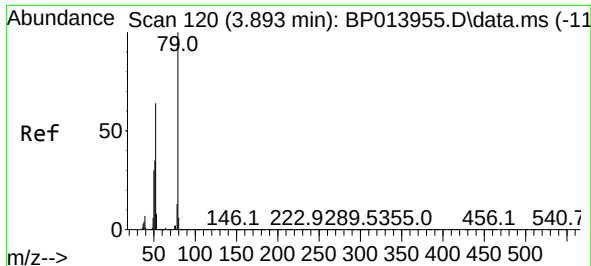
Reviewed By :Christian Giraldo 03/27/2023
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#2
1,4-Dioxane
Concen: 40.174 ng
RT: 3.440 min Scan# 43
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion: 88 Resp: 200887
Ion Ratio Lower Upper
88 100
58 73.0 53.8 80.8
43 29.3 22.1 33.1





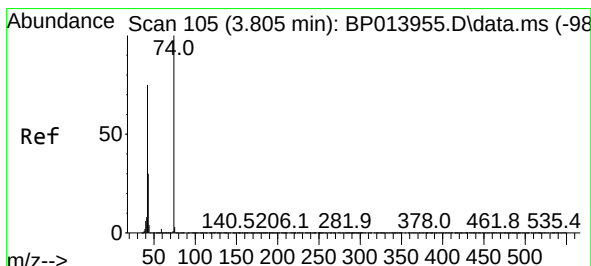
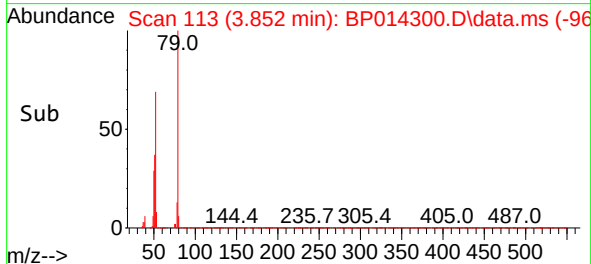
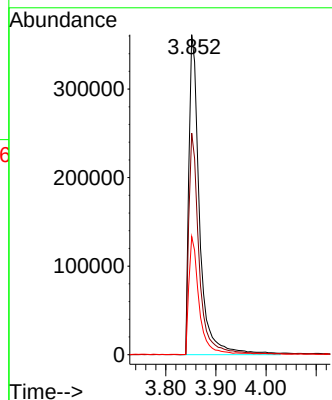
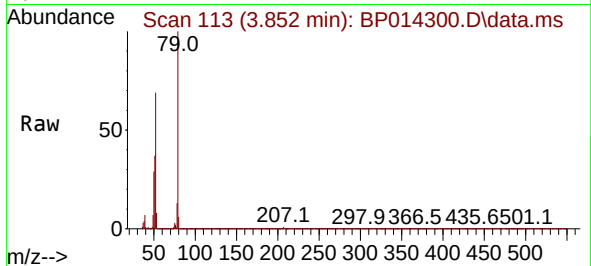
#3
Pyridine
Concen: 38.236 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion: 79 Resp: 530969
Ion Ratio Lower Upper
79 100
52 69.3 51.0 76.4
51 36.9 28.2 42.2

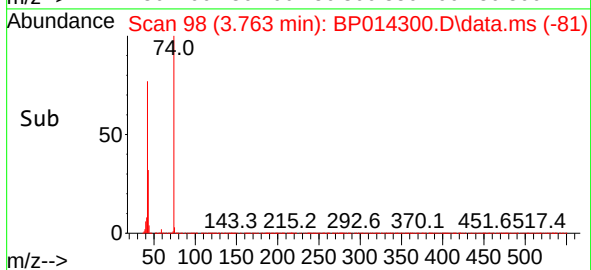
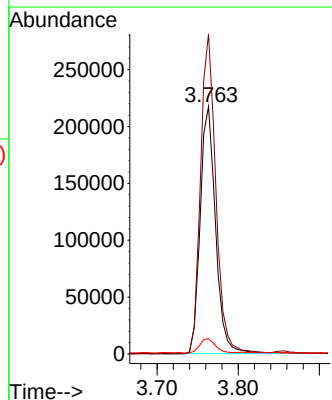
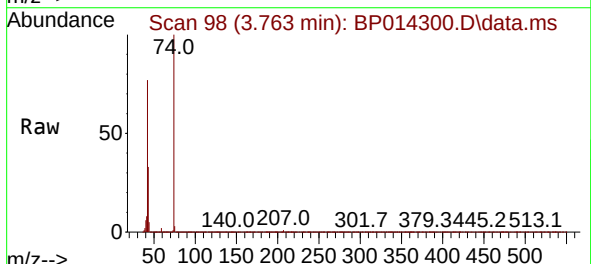
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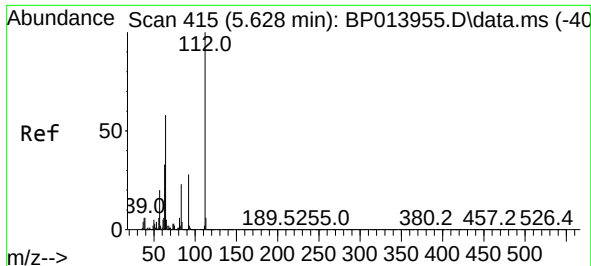
Reviewed By :Christian Giraldo 03/27/2023
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#4
n-Nitrosodimethylamine
Concen: 46.557 ng
RT: 3.763 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion: 42 Resp: 286980
Ion Ratio Lower Upper
42 100
74 129.3 107.0 160.6
44 6.2 4.5 6.7





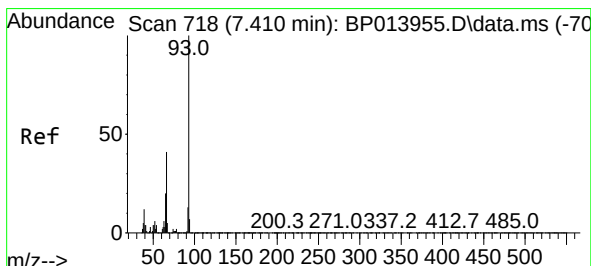
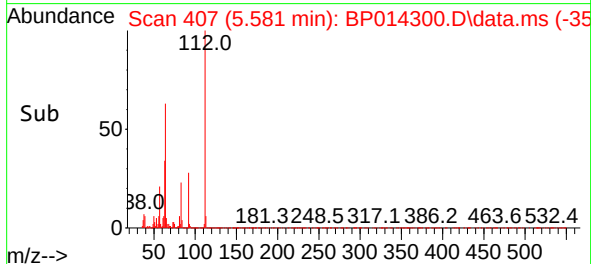
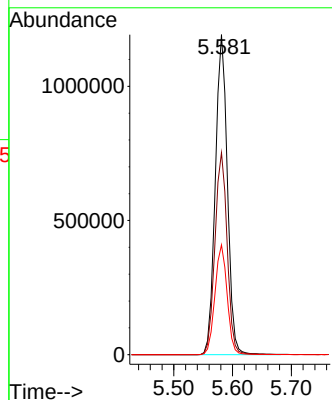
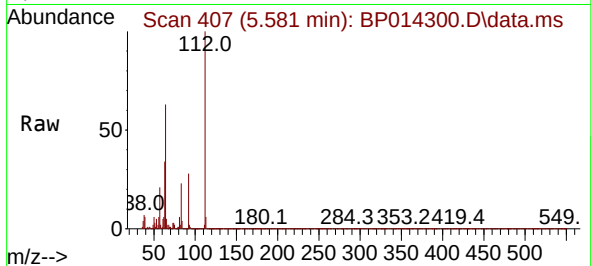
#5
2-Fluorophenol
Concen: 147.627 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
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ClientSampleId :
PB151516BS

Tgt Ion:112 Resp: 169924
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 34.3 26.6 40.0

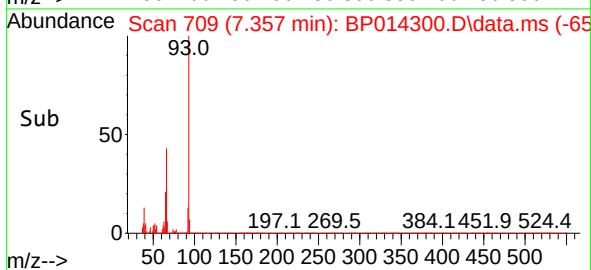
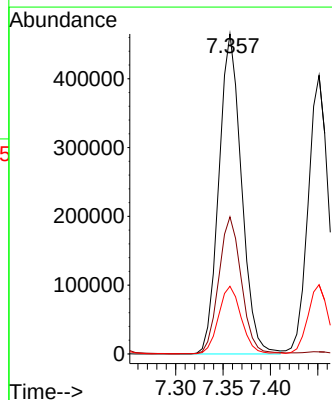
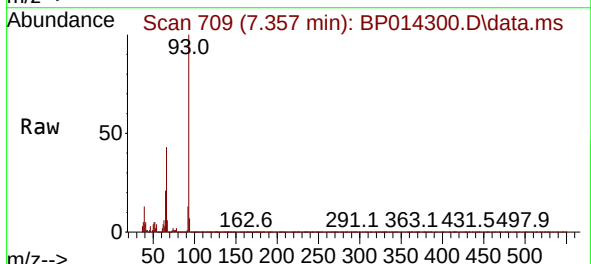
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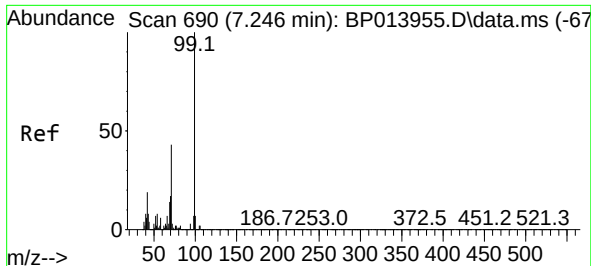
Reviewed By :Christian Giraldo 03/27/2023
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#6
Aniline
Concen: 38.939 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BP014300.D
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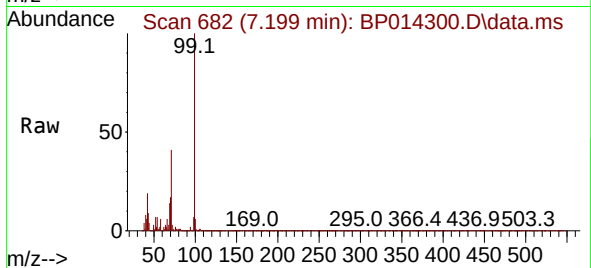
Tgt Ion: 93 Resp: 772995
Ion Ratio Lower Upper
93 100
66 42.9 32.6 48.8
65 21.2 16.0 24.0





#7
Phenol-d6
Concen: 142.823 ng
RT: 7.199 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP014300.D
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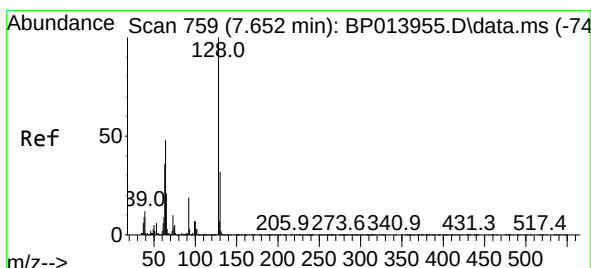
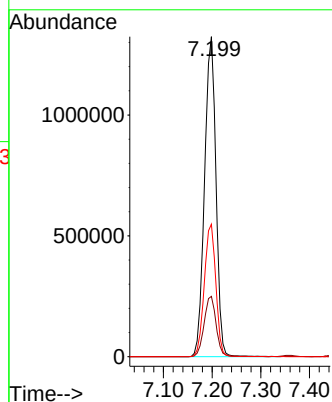
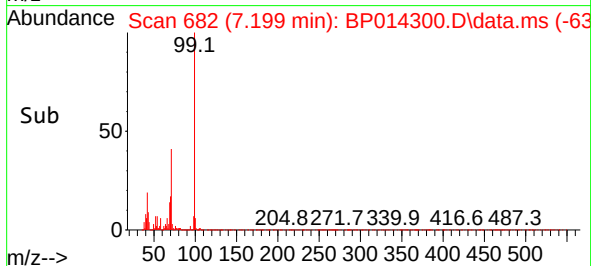
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Tgt Ion: 99 Resp: 2158370
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.4 34.3 51.5

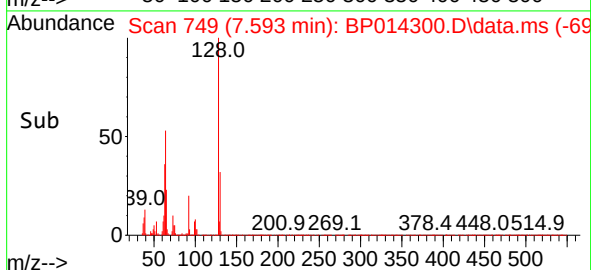
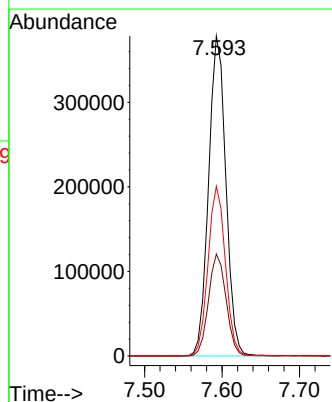
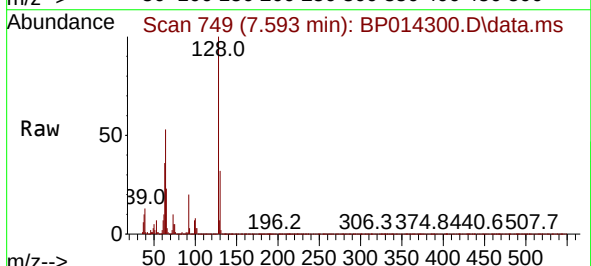
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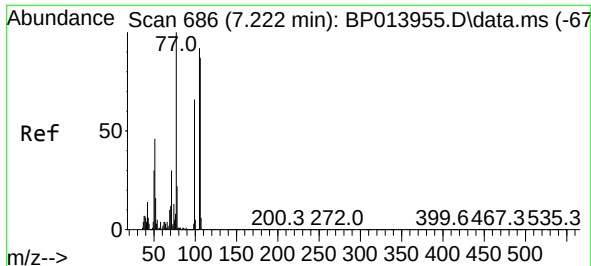
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#8
2-Chlorophenol
Concen: 47.576 ng
RT: 7.593 min Scan# 749
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

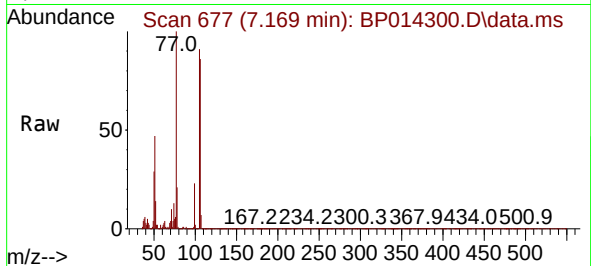
Tgt Ion:128 Resp: 586516
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 53.0 27.6 67.6





#9
Benzaldehyde
Concen: 60.382 ng m
RT: 7.169 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014300.D
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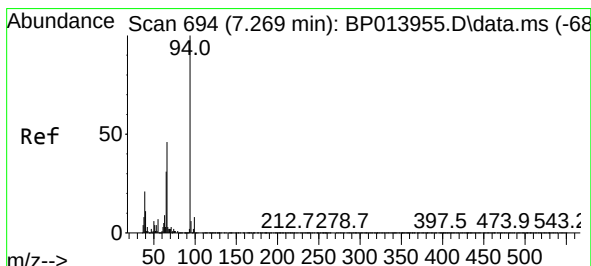
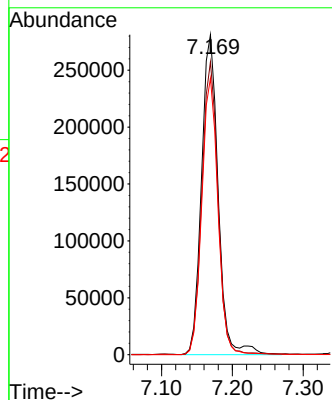
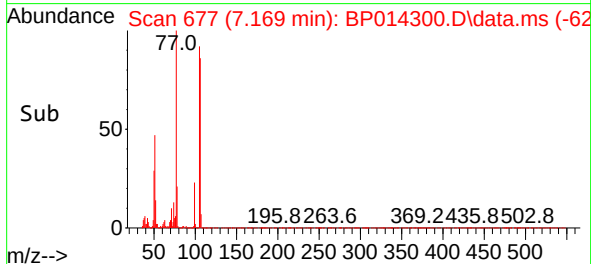
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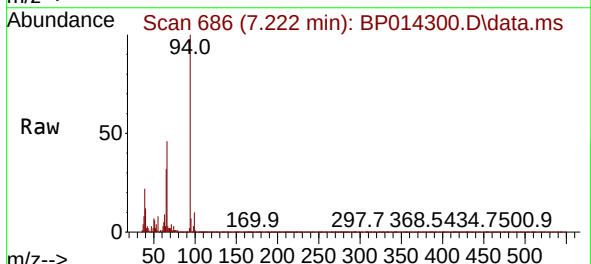
Tgt Ion: 77 Resp: 456640
Ion Ratio Lower Upper
77 100
105 91.5 72.4 112.4
106 86.4 66.9 106.9

Manual Integrations
APPROVED

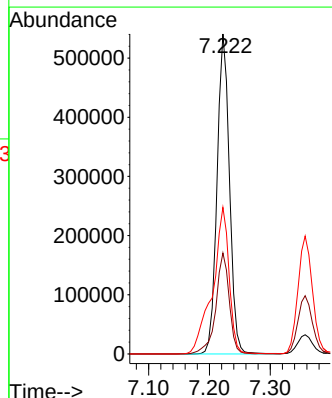
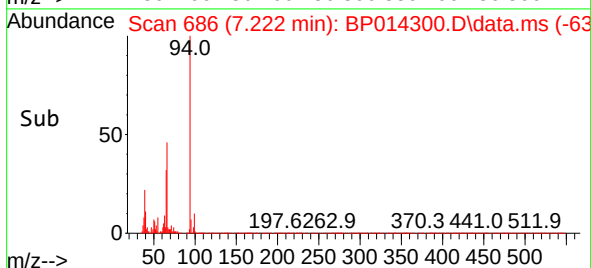
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

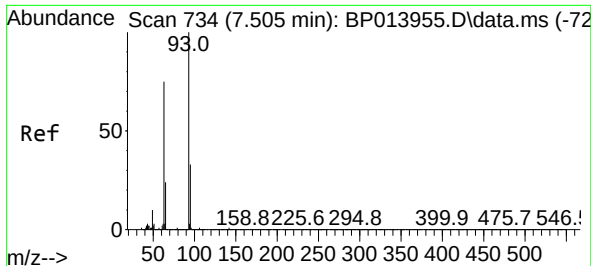


#10
Phenol
Concen: 48.653 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion: 94 Resp: 765230
Ion Ratio Lower Upper
94 100
65 31.5 10.9 50.9
66 45.8 26.1 66.1





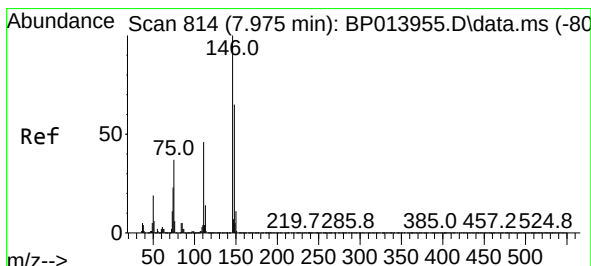
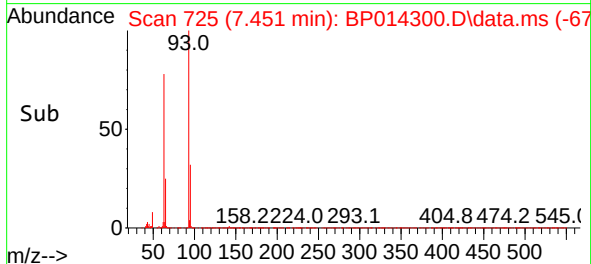
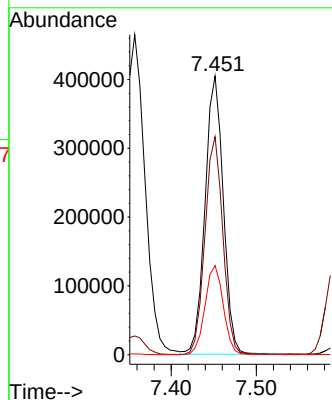
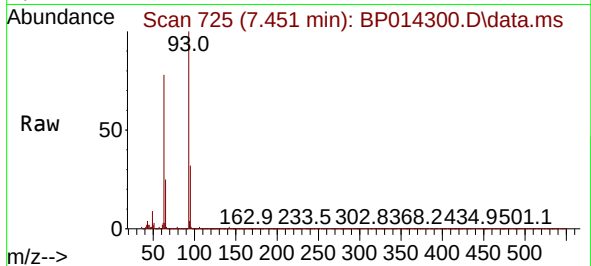
#11
bis(2-Chloroethyl)ether
Concen: 48.222 ng
RT: 7.451 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion: 93 Resp: 60053
Ion Ratio Lower Upper
93 100
63 78.3 54.2 94.2
95 32.0 12.7 52.7

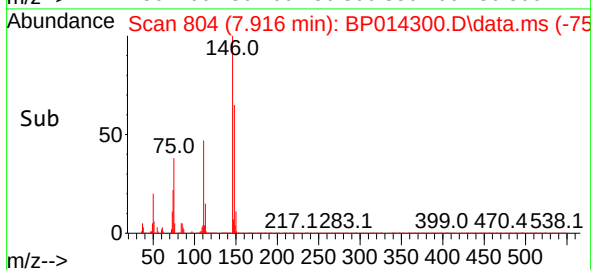
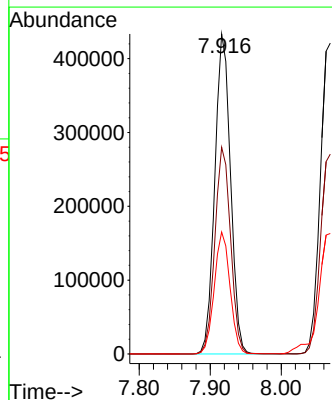
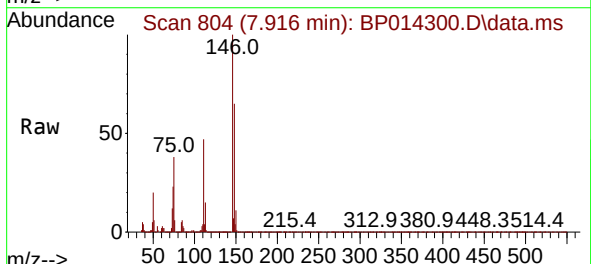
Manual Integrations
APPROVED

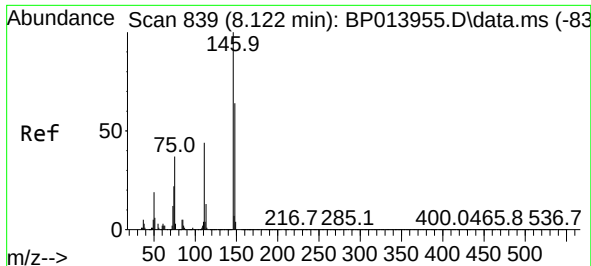
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#12
1,3-Dichlorobenzene
Concen: 49.086 ng
RT: 7.916 min Scan# 804
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:146 Resp: 664971
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 38.1 29.4 44.0





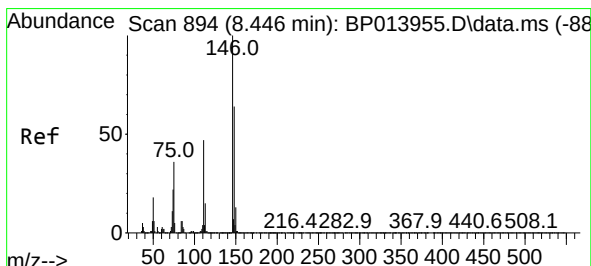
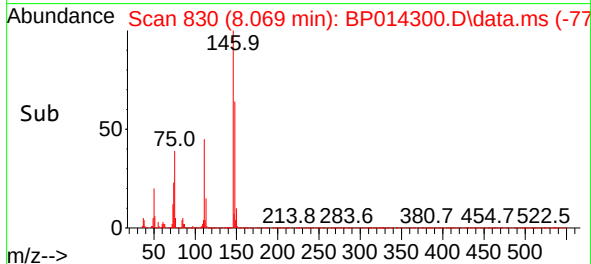
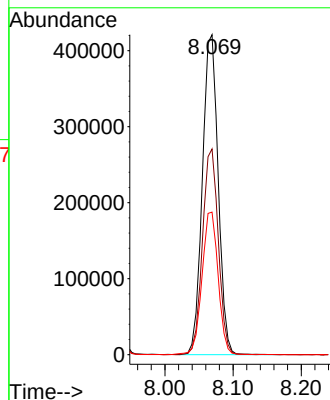
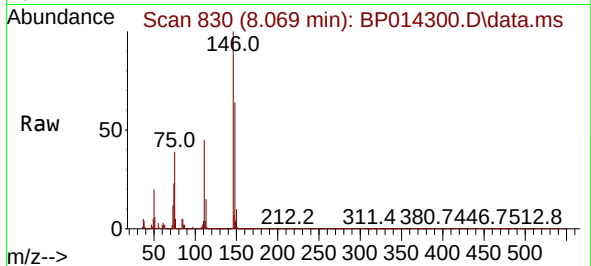
#13
1,4-Dichlorobenzene
Concen: 49.470 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:146 Resp: 677994
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.6 35.1 52.7

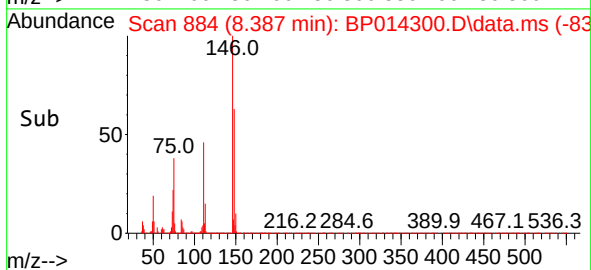
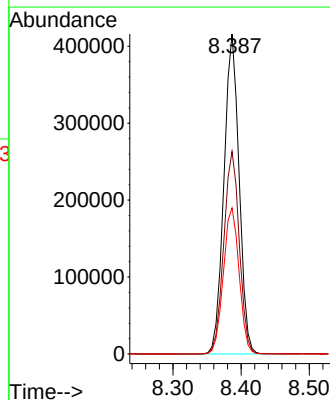
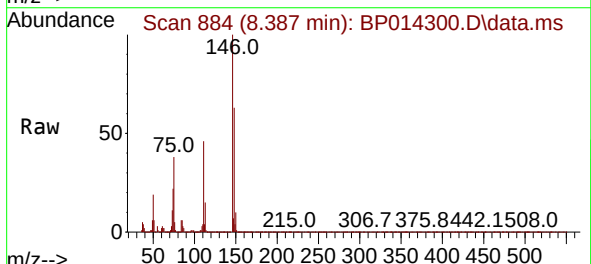
Manual Integrations
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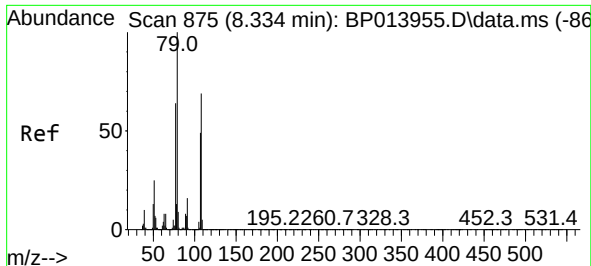
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
1,2-Dichlorobenzene
Concen: 49.056 ng
RT: 8.387 min Scan# 884
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

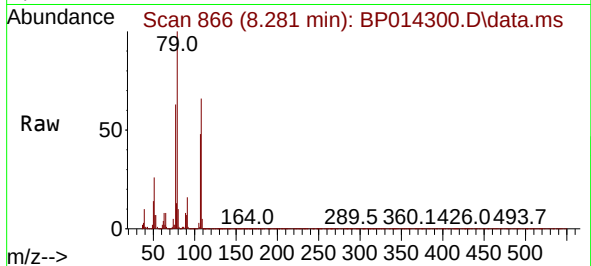
Tgt Ion:146 Resp: 643953
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 45.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.384 ng m
RT: 8.281 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

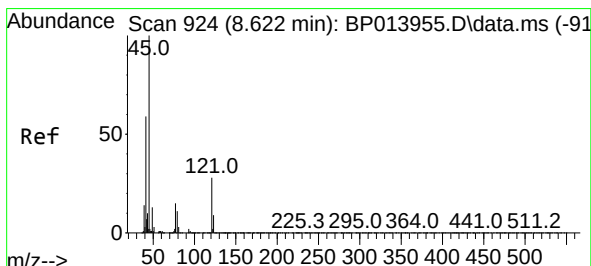
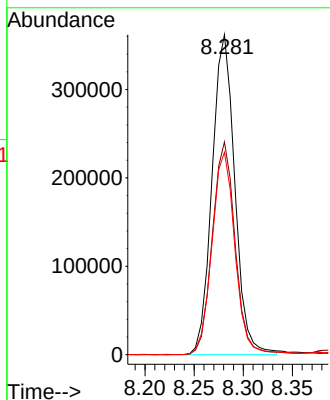
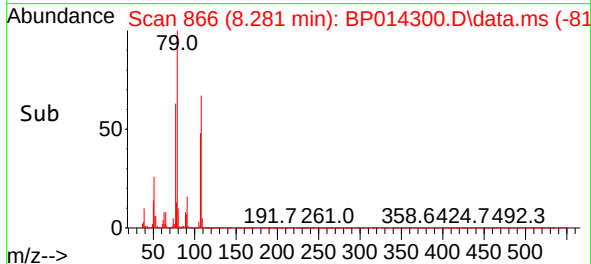
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion: 79 Resp: 58382
Ion Ratio Lower Upper
79 100
108 66.5 54.9 82.3
77 63.3 51.4 77.0

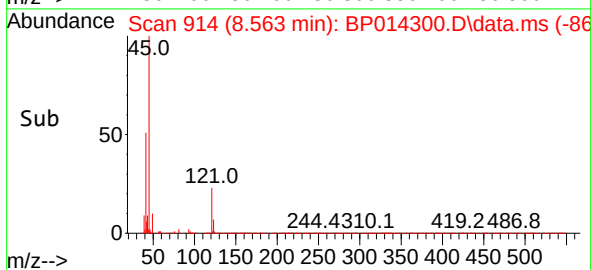
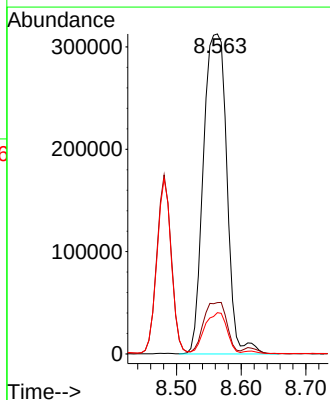
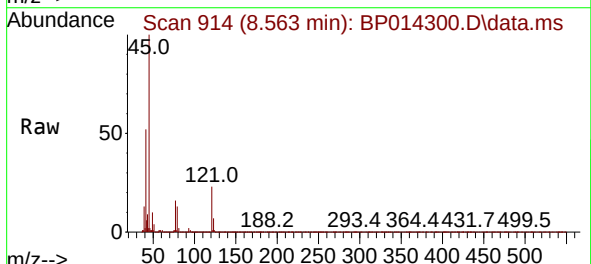
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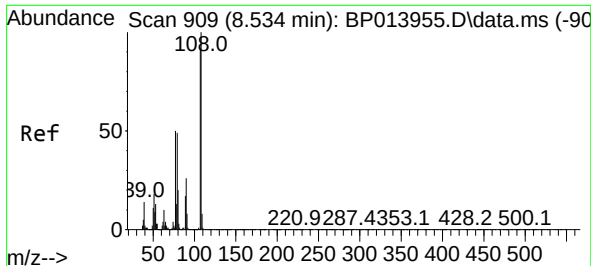
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.102 ng m
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion: 45 Resp: 787742
Ion Ratio Lower Upper
45 100
77 16.1 0.0 38.7
79 12.9 0.0 34.4





#17
2-Methylphenol
Concen: 44.683 ng
RT: 8.481 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

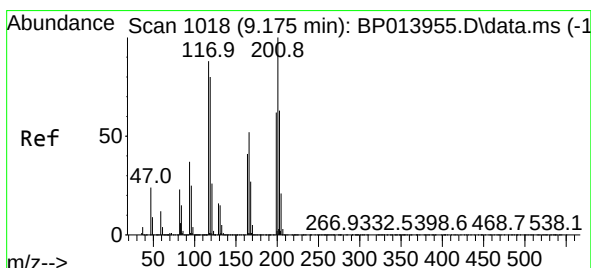
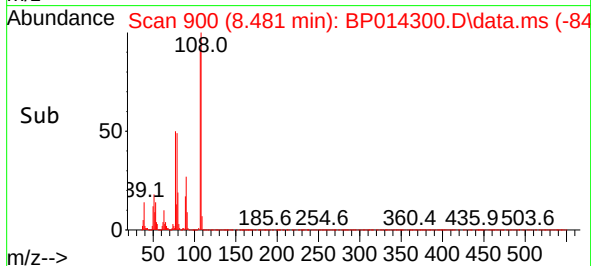
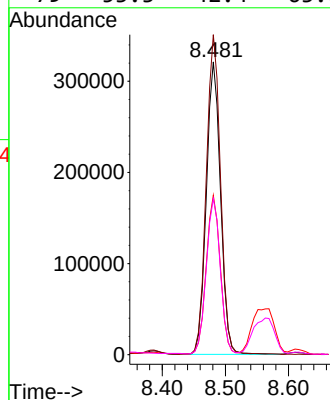
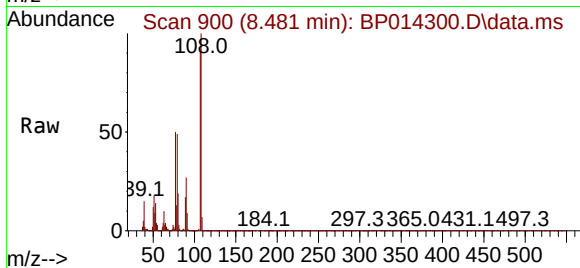
ClientSampleId :

PB151516BS

Tgt Ion:107 Resp: 501220
Ion Ratio Lower Upper
107 100
108 109.3 87.0 130.4
77 54.5 44.0 66.0
79 53.3 42.4 63.6

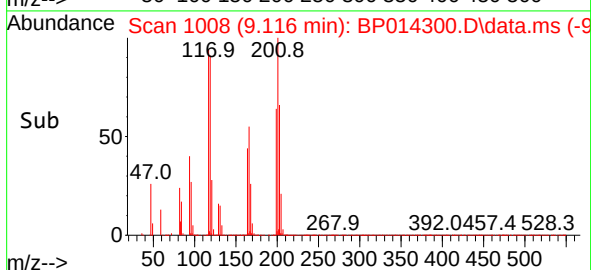
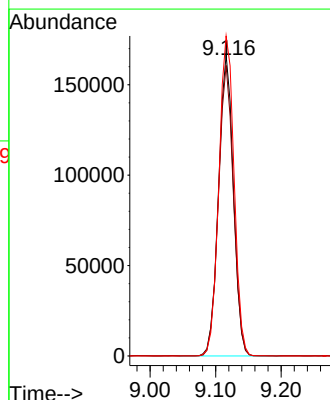
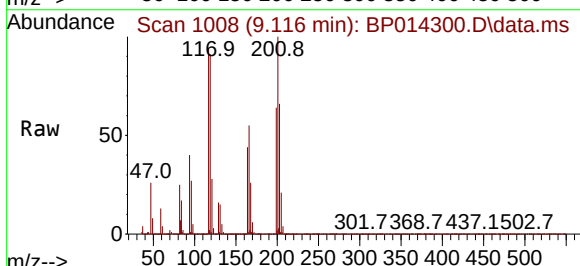
Manual Integrations
APPROVED

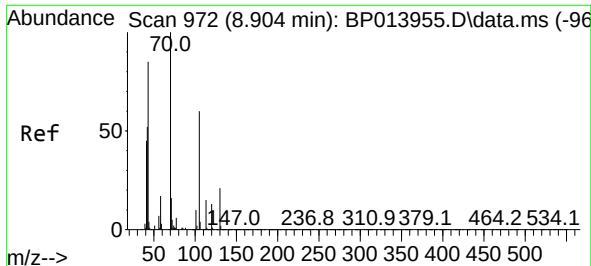
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#18
Hexachloroethane
Concen: 50.851 ng
RT: 9.116 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

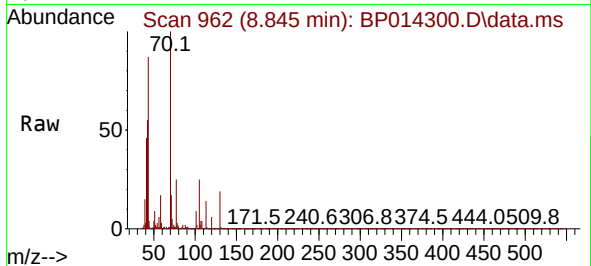
Tgt Ion:117 Resp: 261809
Ion Ratio Lower Upper
117 100
119 96.5 73.3 109.9
201 106.3 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 48.752 ng
RT: 8.845 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

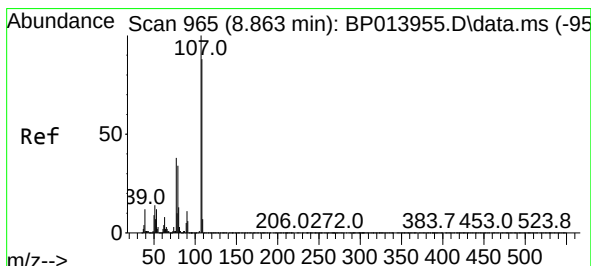
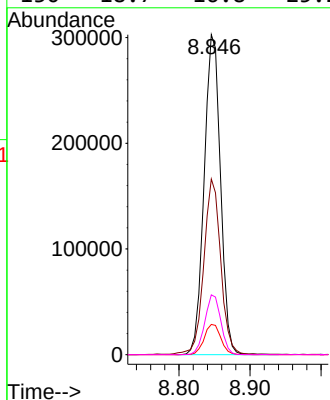
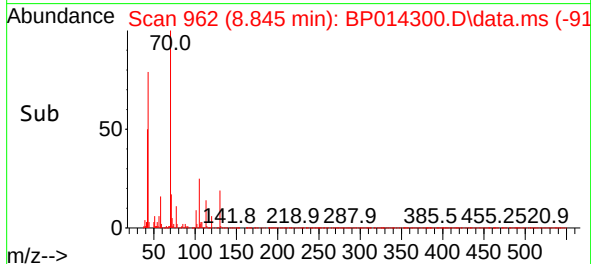
Instrument :
BNA_P
ClientSampleId :
PB151516BS



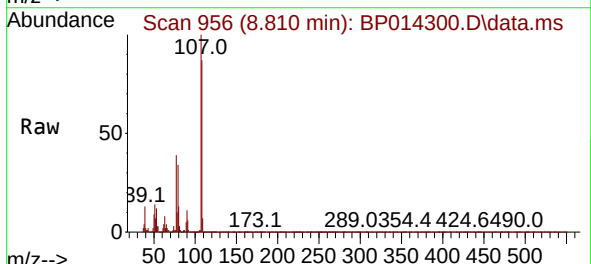
Tgt Ion: 70 Resp: 484939
Ion Ratio Lower Upper
70 100
42 54.9 42.4 63.6
101 9.5 8.2 12.4
130 18.7 16.8 25.2

Manual Integrations
APPROVED

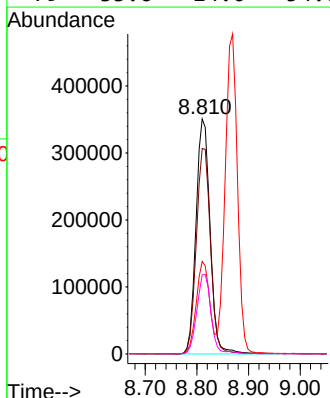
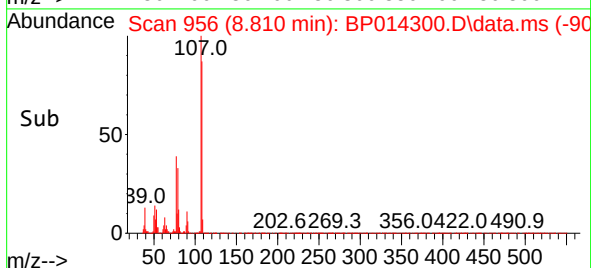
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

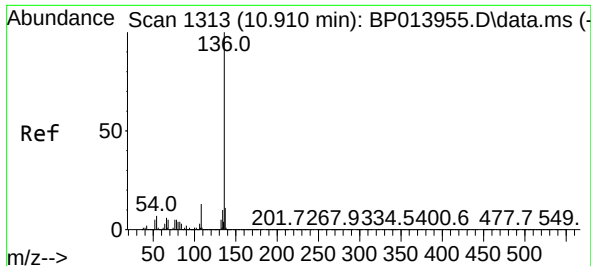


#20
3+4-Methylphenols
Concen: 43.905 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion:107 Resp: 663272
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 39.4 18.1 58.1
79 33.6 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :

BNP_P

ClientSampleId :

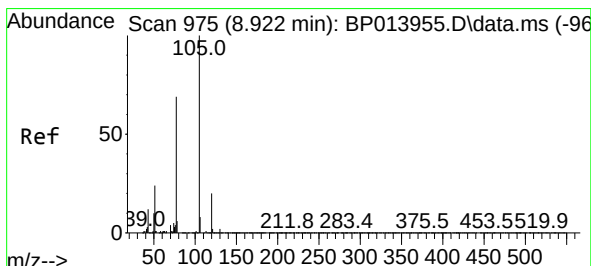
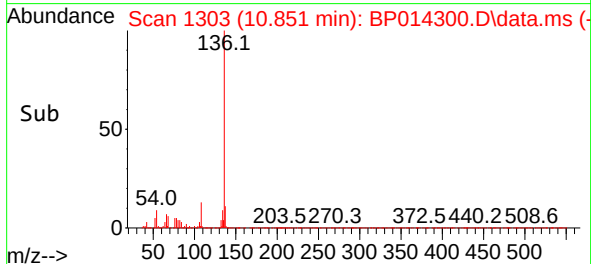
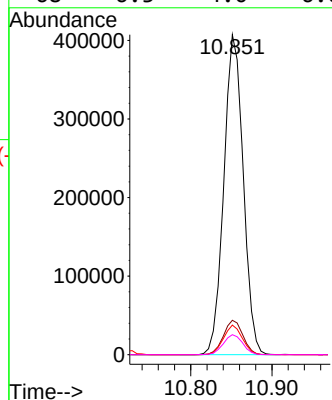
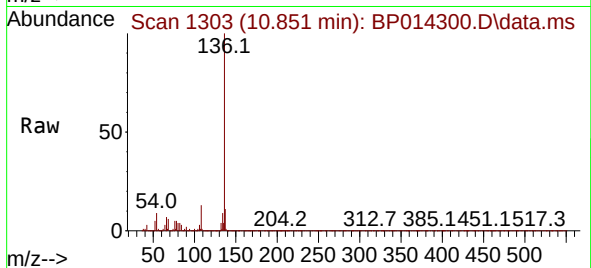
PB151516BS

Tgt Ion:136 Resp: 67674
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.2 5.8 8.8
68 6.3 4.0 6.0

Manual Integrations

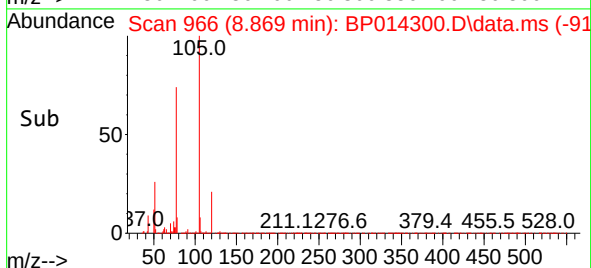
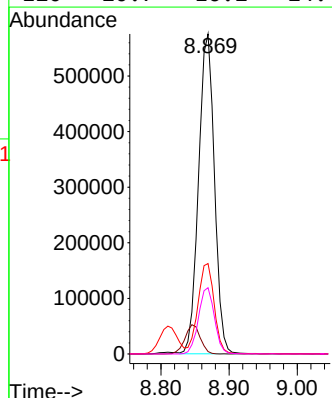
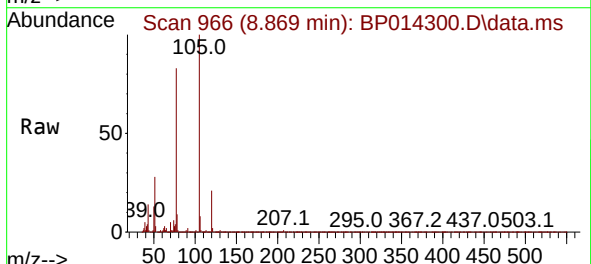
APPROVED

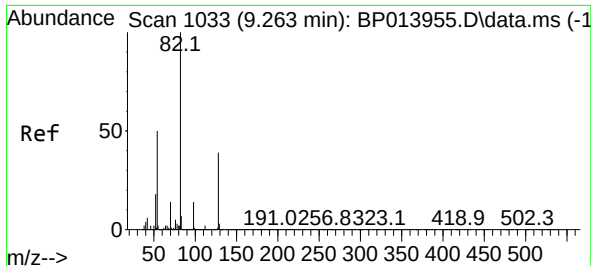
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Acetophenone
Concen: 49.031 ng
RT: 8.869 min Scan# 966
Delta R.T. 0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

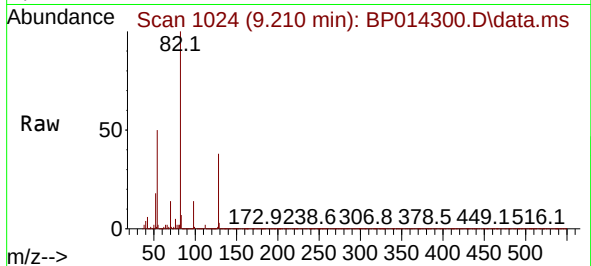
Tgt Ion:105 Resp: 930721
Ion Ratio Lower Upper
105 100
71 0.7 1.4 2.0
51 28.2 21.5 32.3
120 20.7 16.2 24.4





#23
Nitrobenzene-d5
Concen: 98.786 ng
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

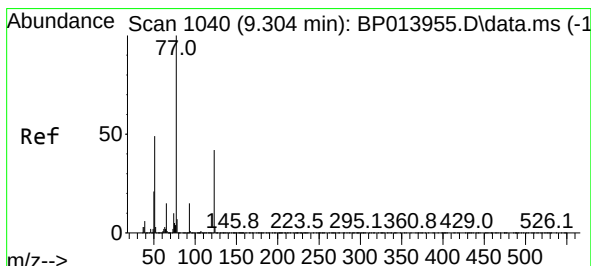
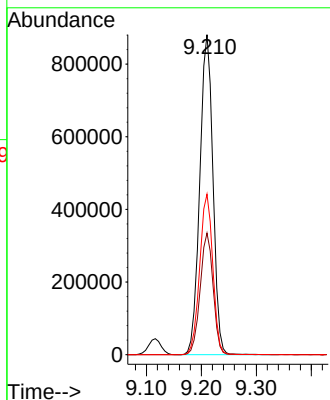
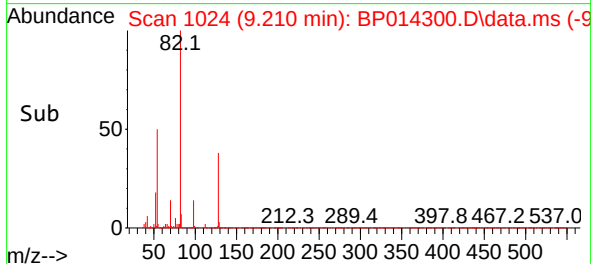
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion: 82 Resp: 146267
Ion Ratio Lower Upper
82 100
128 38.0 31.1 46.7
54 50.2 40.0 60.0

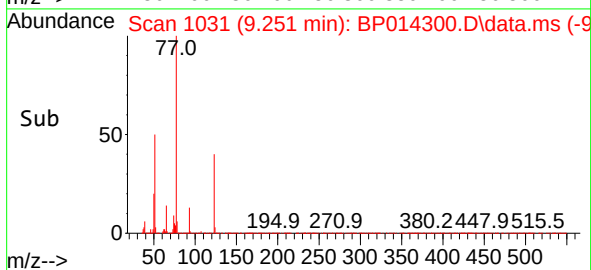
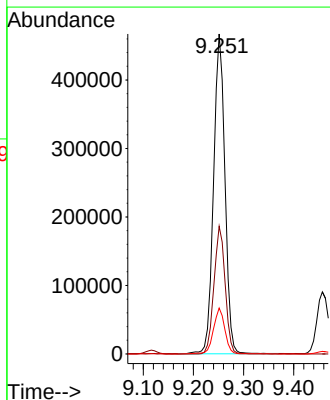
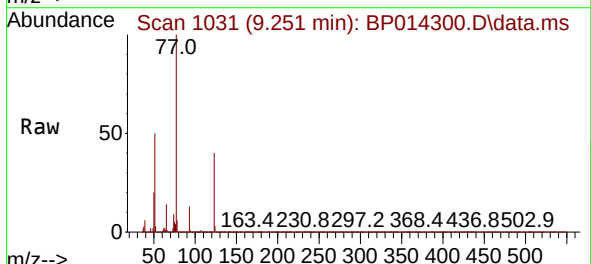
Manual Integrations
APPROVED

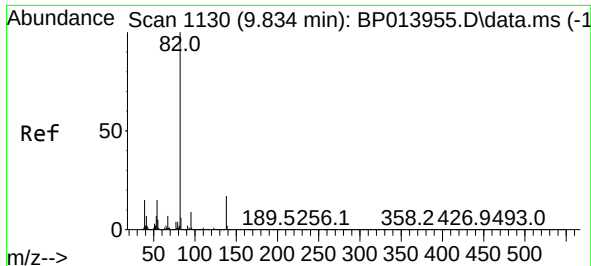
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 48.538 ng
RT: 9.251 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion: 77 Resp: 735352
Ion Ratio Lower Upper
77 100
123 39.9 33.6 50.4
65 14.3 11.6 17.4





#25
Isophorone
Concen: 45.669 ng
RT: 9.781 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

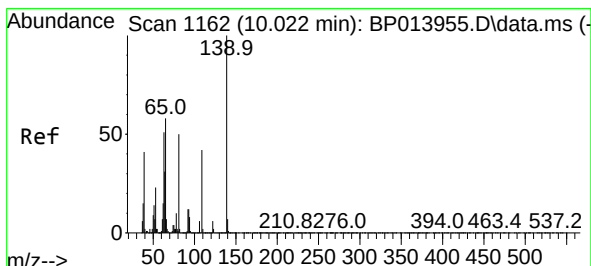
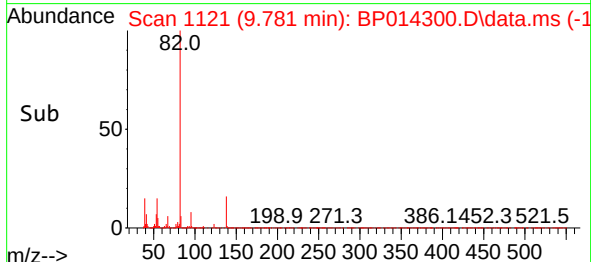
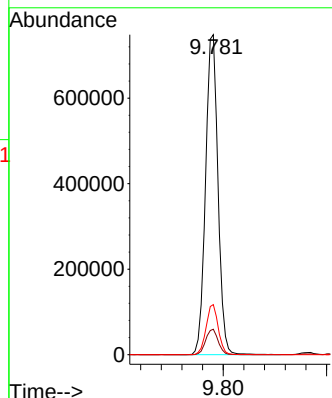
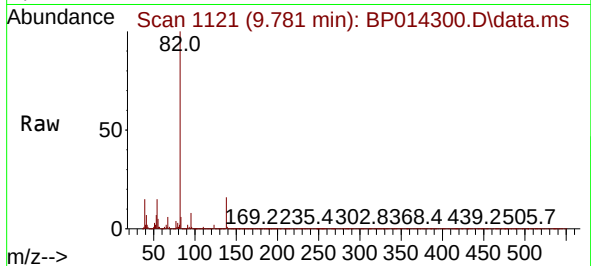
ClientSampleId :

PB151516BS

Tgt Ion: 82 Resp: 124596
Ion Ratio Lower Upper
82 100
95 7.9 6.9 10.3
138 15.6 13.3 19.9

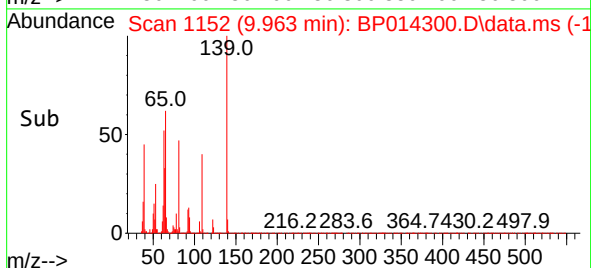
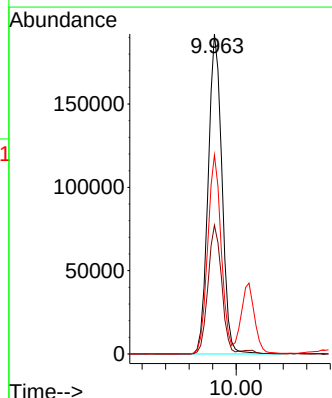
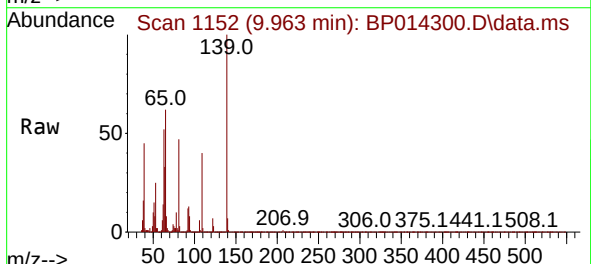
Manual Integrations
APPROVED

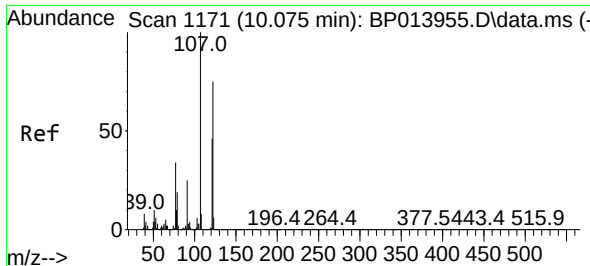
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#26
2-Nitrophenol
Concen: 47.283 ng
RT: 9.963 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

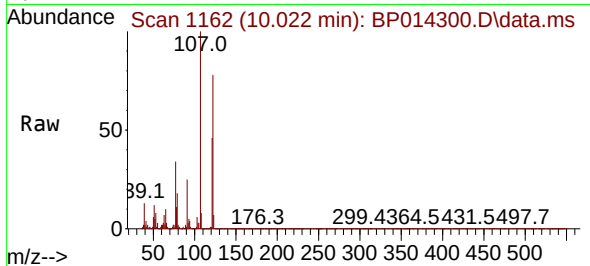
Tgt Ion:139 Resp: 311585
Ion Ratio Lower Upper
139 100
109 40.3 33.8 50.8
65 62.2 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 47.918 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

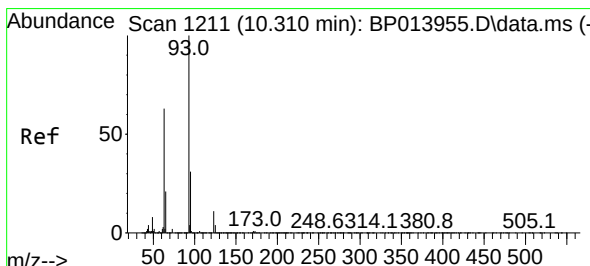
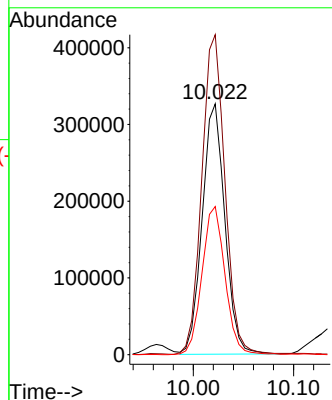
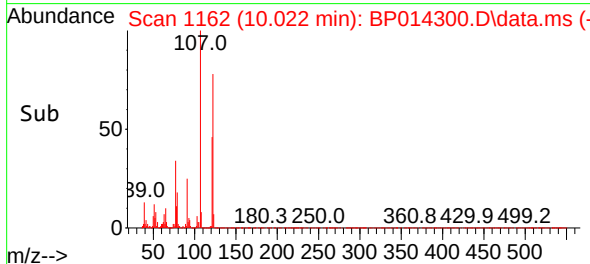
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion: 122 Resp: 51343
Ion Ratio Lower Upper
122 100
107 127.5 105.9 158.9
121 59.1 49.0 73.4

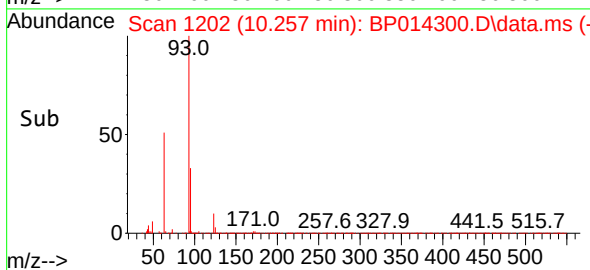
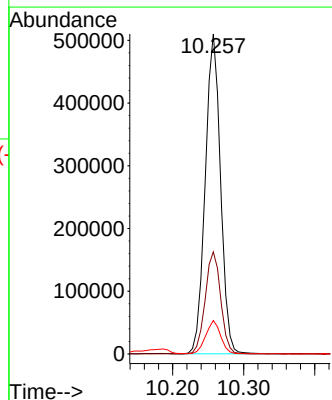
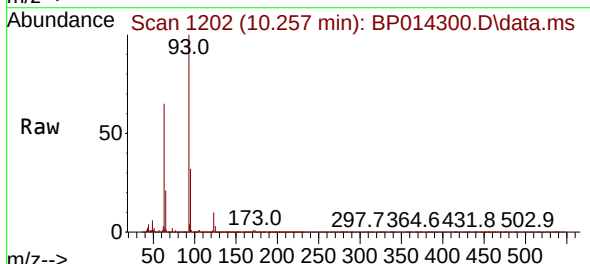
Manual Integrations
APPROVED

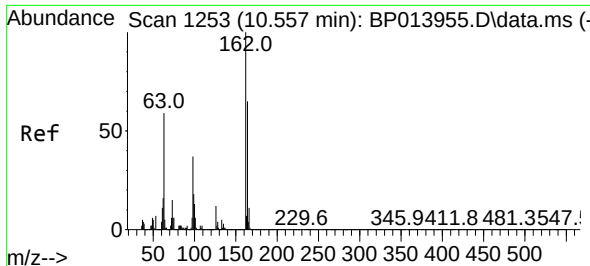
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.386 ng
RT: 10.257 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion: 93 Resp: 764047
Ion Ratio Lower Upper
93 100
95 31.9 25.0 37.6
123 10.4 8.6 12.8





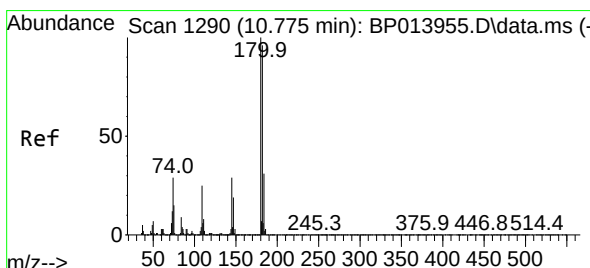
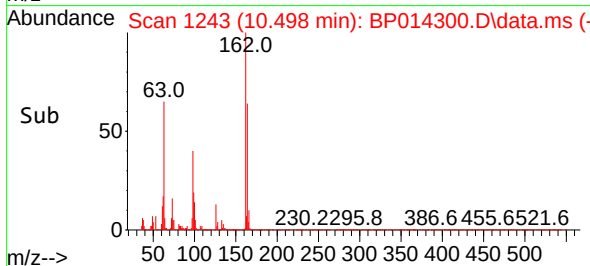
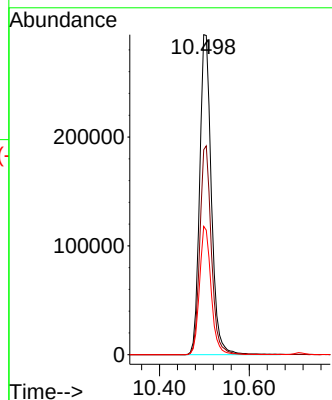
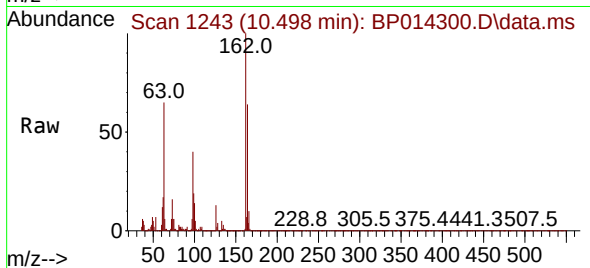
#29
2,4-Dichlorophenol
Concen: 45.285 ng
RT: 10.498 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:162 Resp: 53114
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 40.1 17.0 57.0

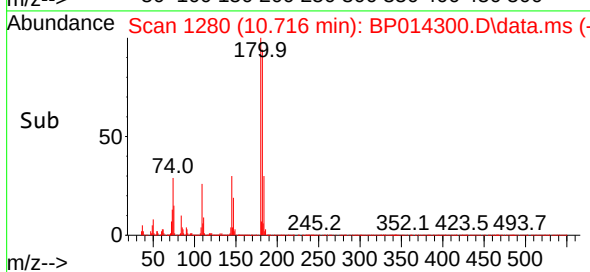
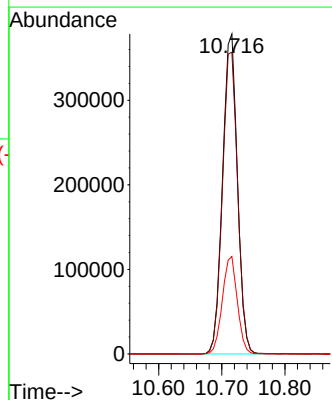
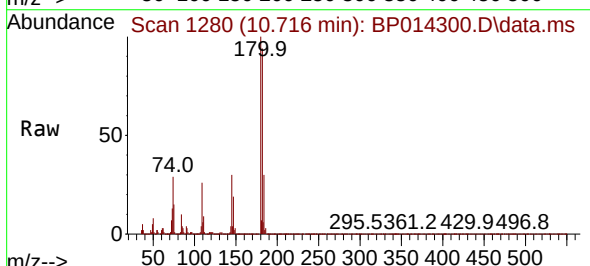
Manual Integrations
APPROVED

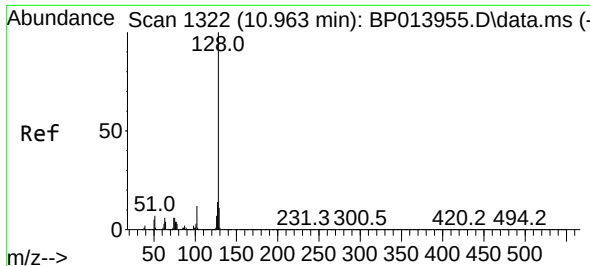
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.367 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:180 Resp: 617426
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
145 30.5 23.5 35.3





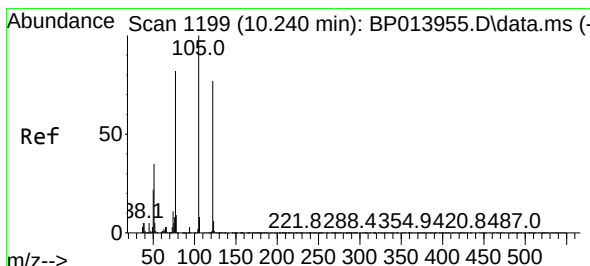
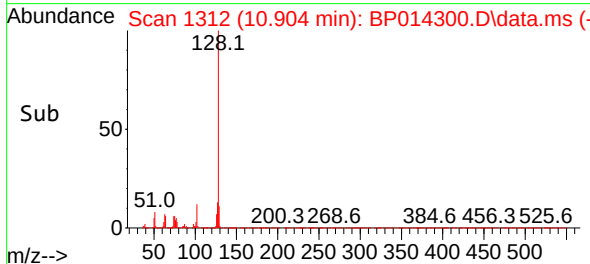
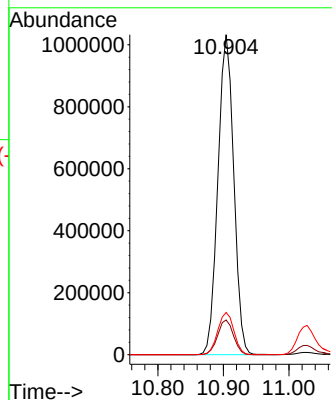
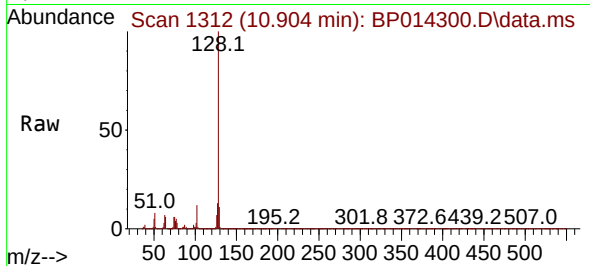
#31
Naphthalene
Concen: 46.341 ng
RT: 10.904 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:128 Resp: 172322
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 11.2 16.8

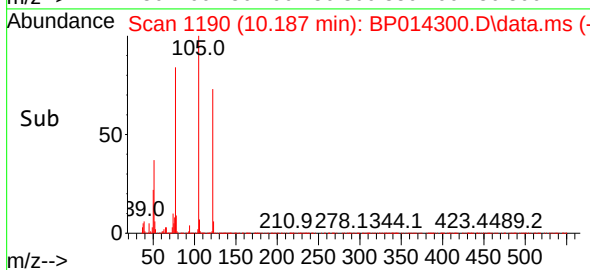
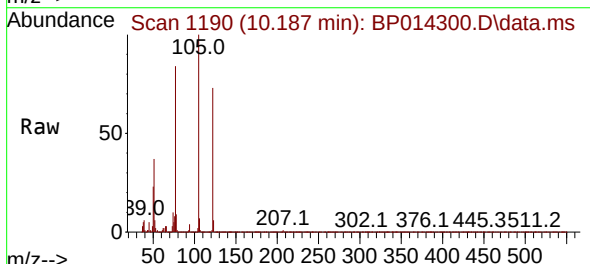
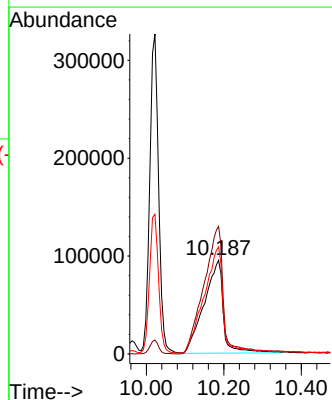
Manual Integrations
APPROVED

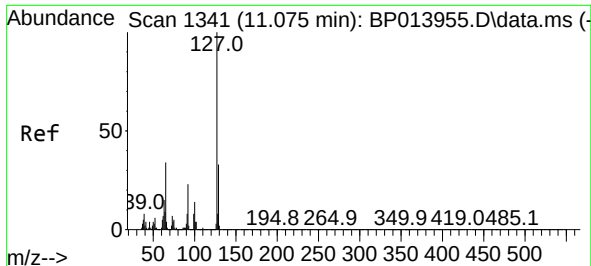
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 37.583 ng
RT: 10.187 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:122 Resp: 328200
Ion Ratio Lower Upper
122 100
105 136.2 108.2 148.2
77 114.3 85.2 125.2





#33
4-Chloroaniline
Concen: 12.095 ng
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

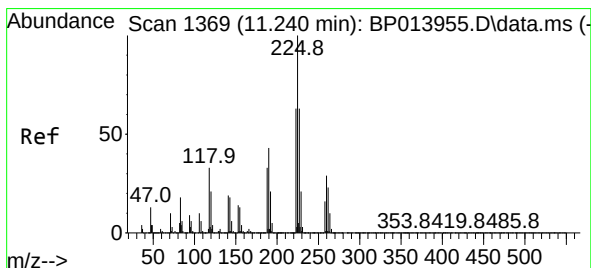
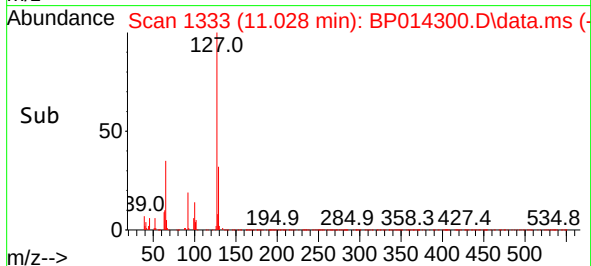
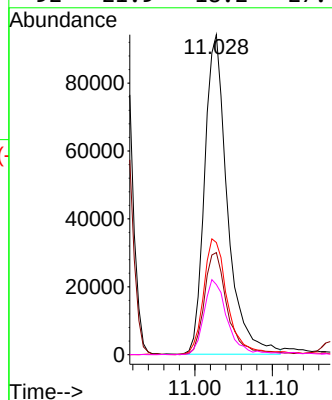
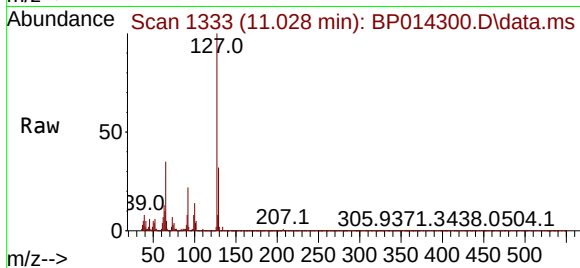
PB151516BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	35.1	27.0	40.4
92	21.9	18.2	27.4

Manual Integrations

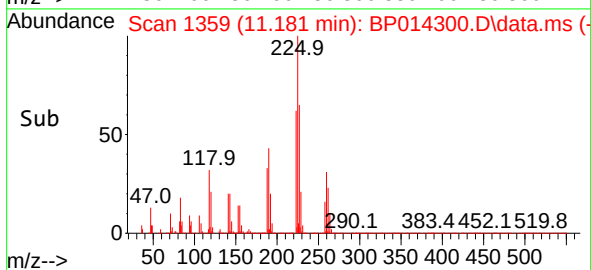
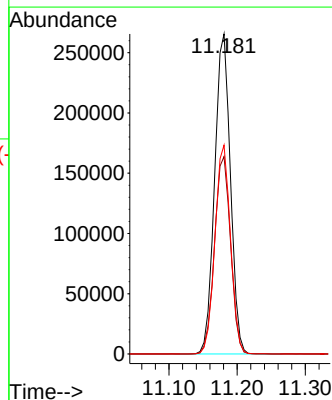
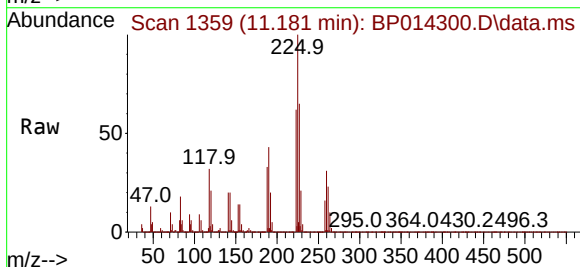
APPROVED

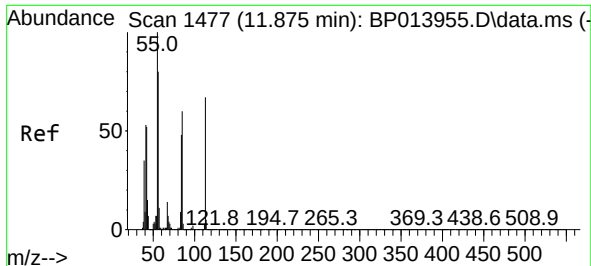
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#34
Hexachlorobutadiene
Concen: 44.137 ng
RT: 11.181 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

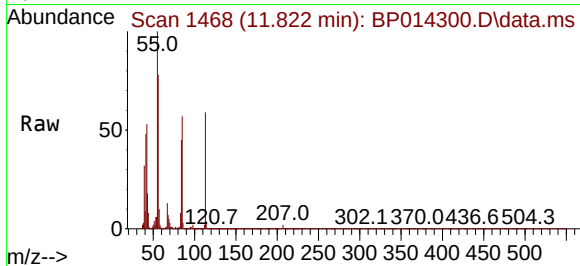
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	65.3	50.2	75.4





#35
Caprolactam
Concen: 42.346 ng m
RT: 11.822 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

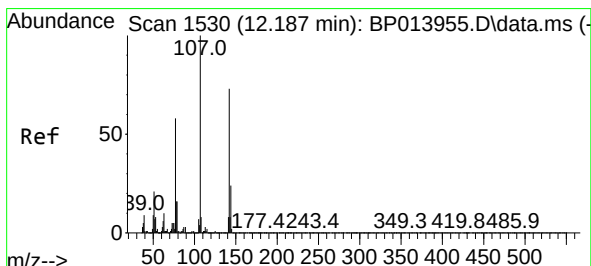
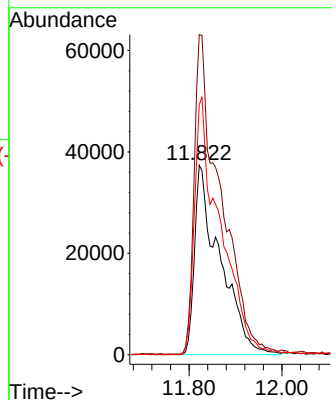
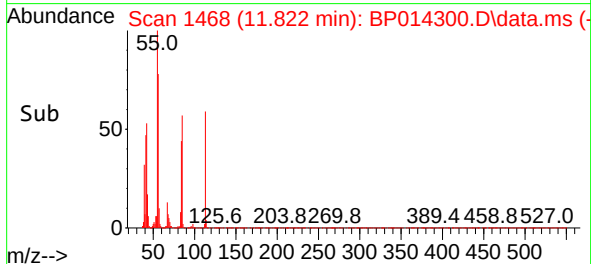
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:113 Resp: 14217
Ion Ratio Lower Upper
113 100
55 169.0 128.9 168.9
56 132.0 99.6 139.6

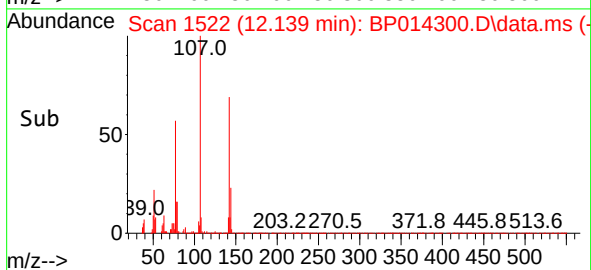
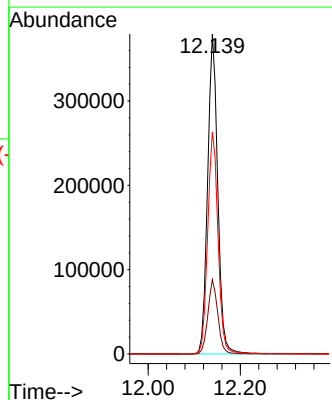
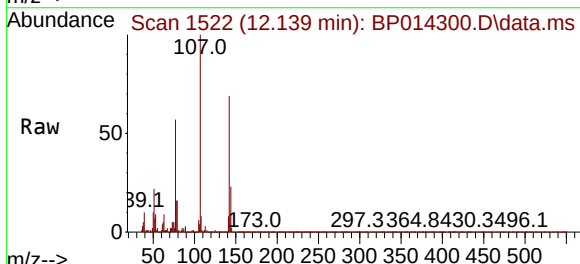
Manual Integrations
APPROVED

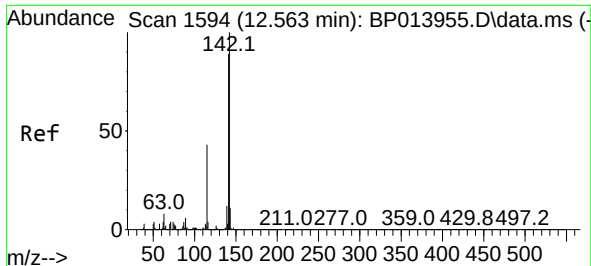
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#36
4-Chloro-3-methylphenol
Concen: 44.580 ng
RT: 12.139 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:107 Resp: 583160
Ion Ratio Lower Upper
107 100
144 23.2 19.3 28.9
142 69.4 58.5 87.7





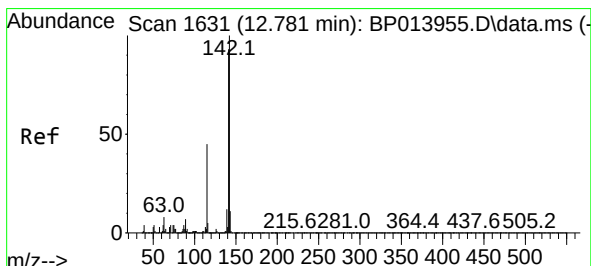
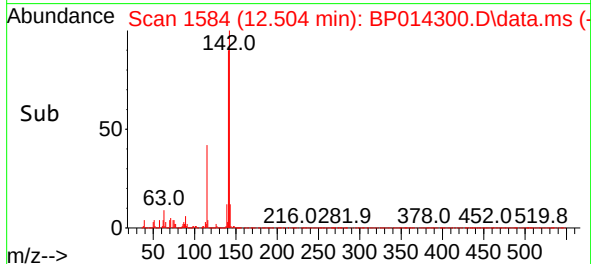
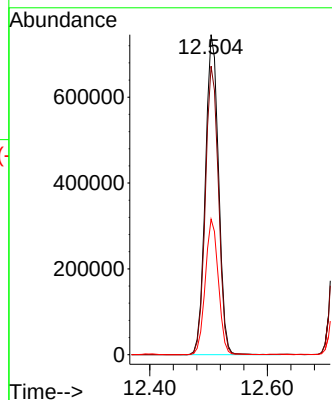
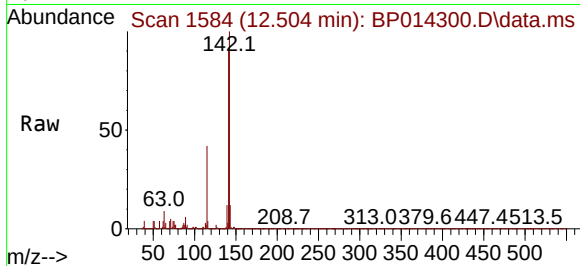
#37
2-Methylnaphthalene
Concen: 42.384 ng
RT: 12.504 min Scan# 1162770
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:142 Resp: 1162770
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4
115 42.4 34.5 51.7

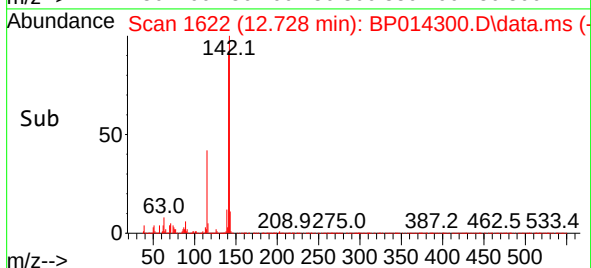
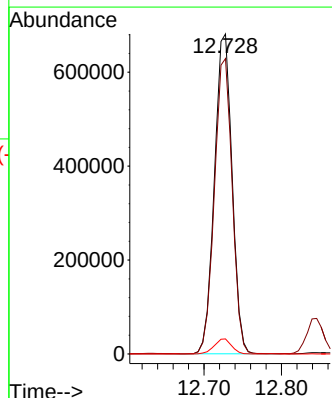
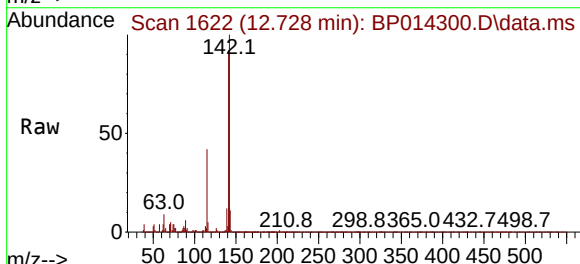
Manual Integrations
APPROVED

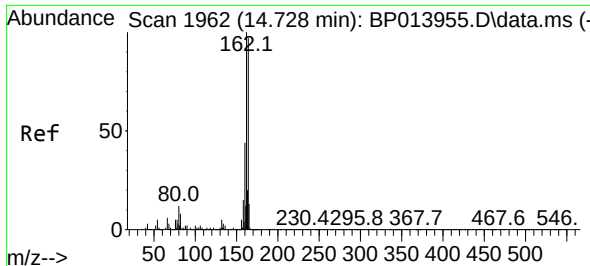
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#38
1-Methylnaphthalene
Concen: 42.291 ng
RT: 12.728 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

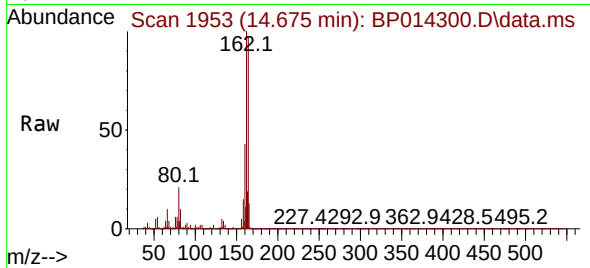
Tgt Ion:142 Resp: 1081500
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

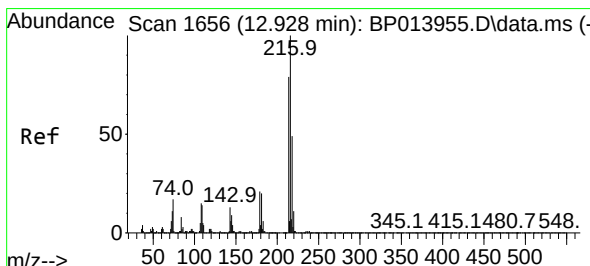
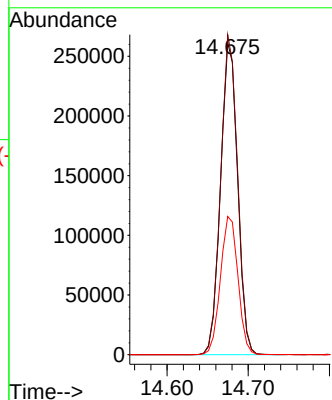
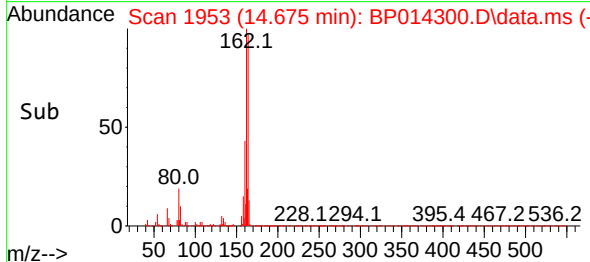
Instrument :
BNA_P
ClientSampleId :
PB151516BS



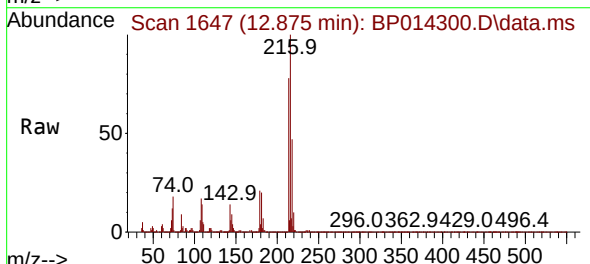
Tgt Ion:164 Resp: 381644
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 44.3 36.2 54.2

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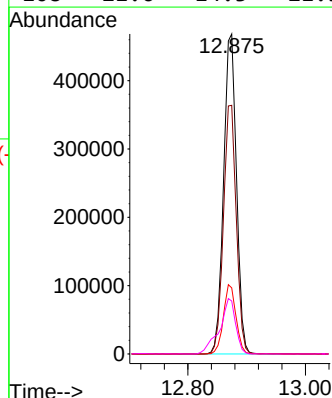
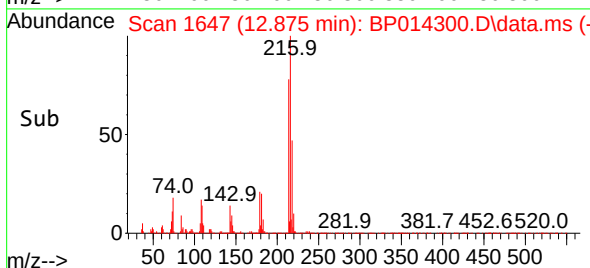
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

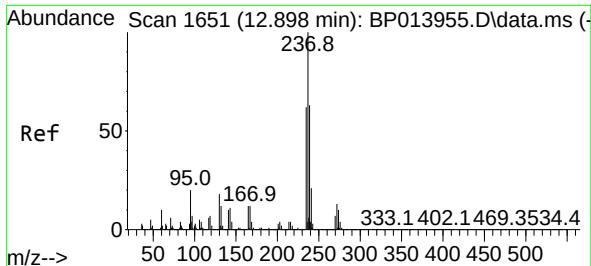


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.872 ng
RT: 12.875 min Scan# 1647
Delta R.T. 0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



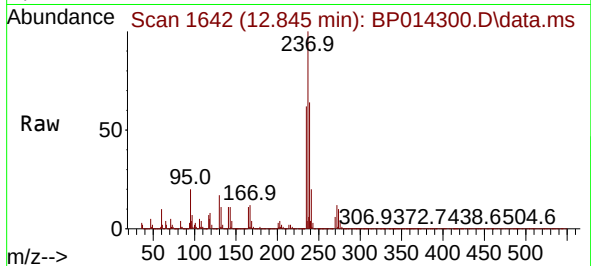
Tgt Ion:216 Resp: 710948
Ion Ratio Lower Upper
216 100
214 77.7 62.2 93.2
179 21.1 16.6 24.8
108 21.6 14.3 21.5#





#41
Hexachlorocyclopentadiene
Concen: 111.594 ng
RT: 12.845 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

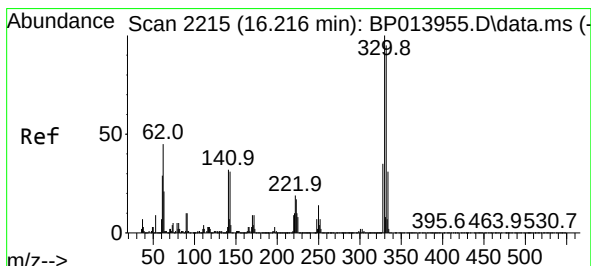
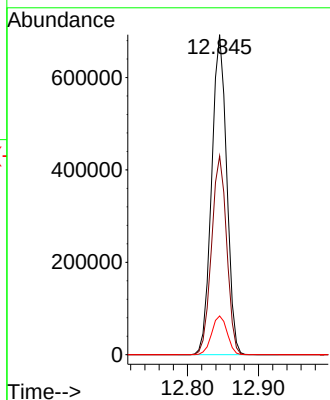
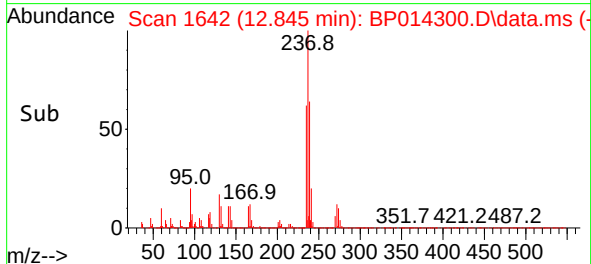
Instrument :
BNA_P
ClientSampleId :
PB151516BS



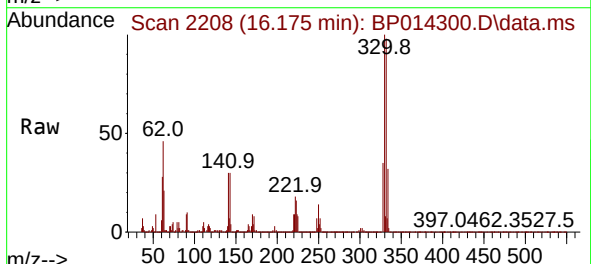
Tgt Ion: 237 Resp: 101879
Ion Ratio Lower Upper
237 100
235 62.1 41.9 81.9
272 12.1 0.0 32.6

Manual Integrations
APPROVED

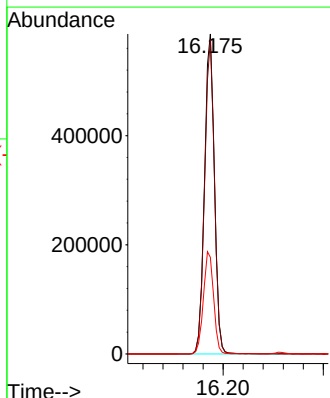
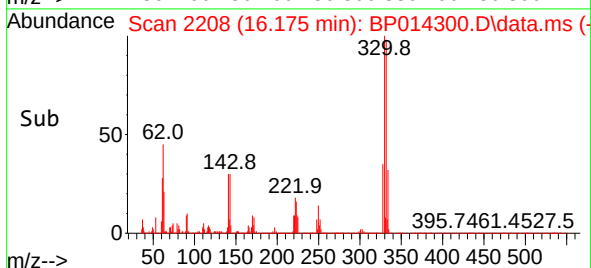
Reviewed By : Christian Giraldo 03/27/2023
Supervised By : Jagrut Upadhyay 03/27/2023

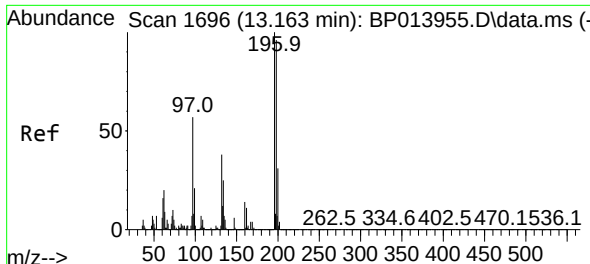


#42
2,4,6-Tribromophenol
Concen: 130.344 ng
RT: 16.175 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



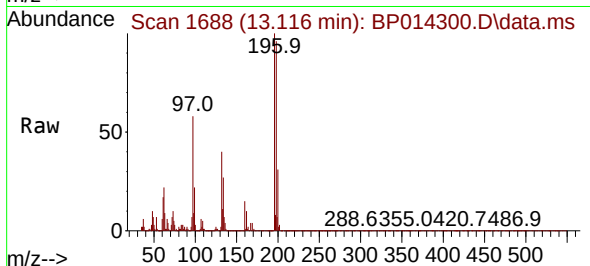
Tgt Ion: 330 Resp: 806542
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.9 25.6 38.4





#43
2,4,6-Trichlorophenol
Concen: 46.135 ng
RT: 13.116 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

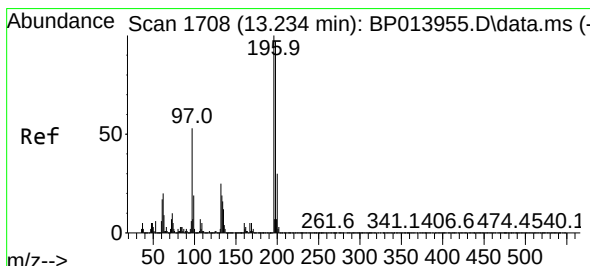
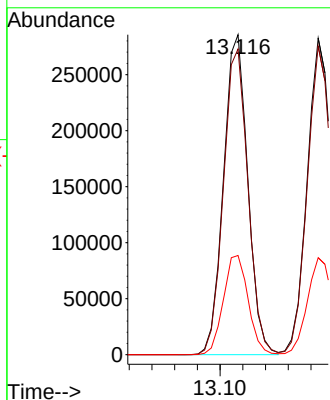
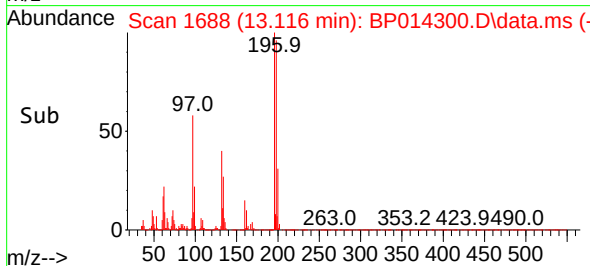
Instrument :
BNA_P
ClientSampleId :
PB151516BS



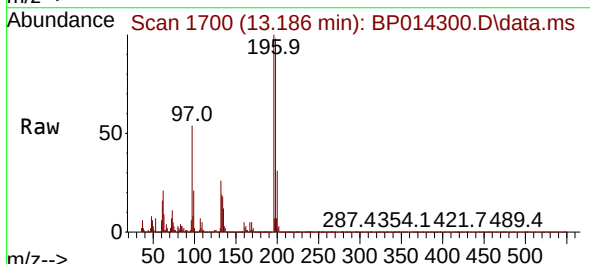
Tgt Ion:196 Resp: 42422
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
200 31.0 25.2 37.8

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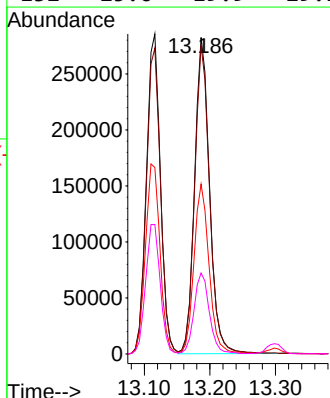
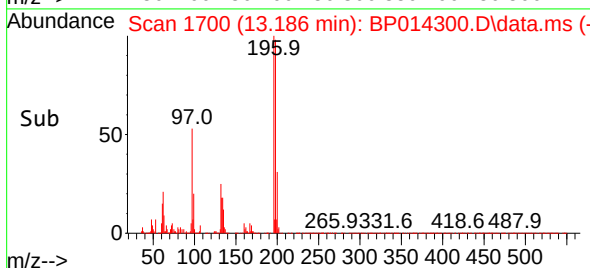
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

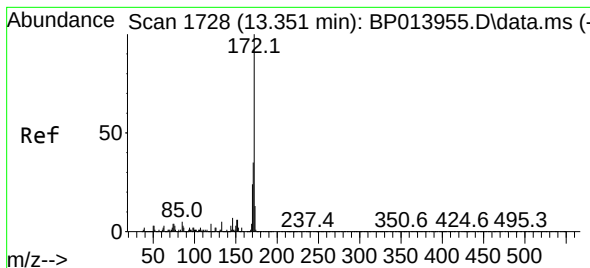


#44
2,4,5-Trichlorophenol
Concen: 42.294 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion:196 Resp: 450651
Ion Ratio Lower Upper
196 100
198 97.5 77.5 116.3
97 53.7 42.6 64.0
132 25.6 19.9 29.9





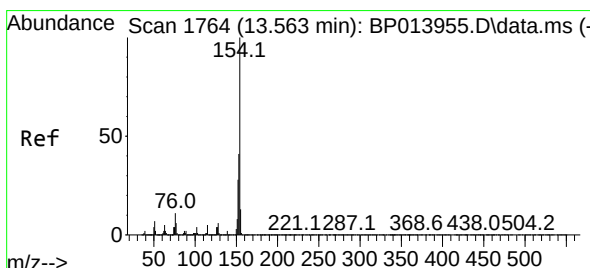
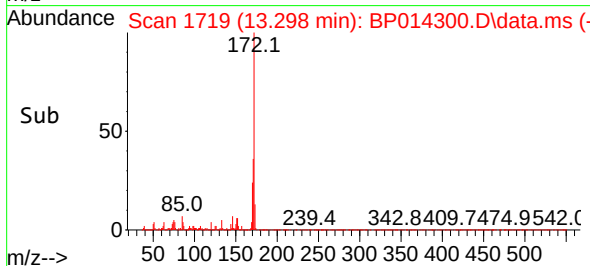
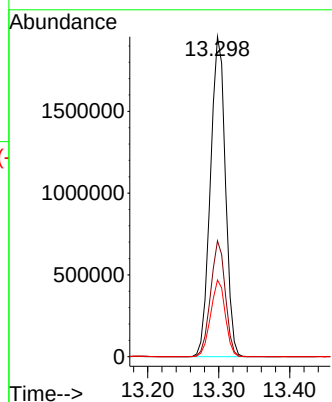
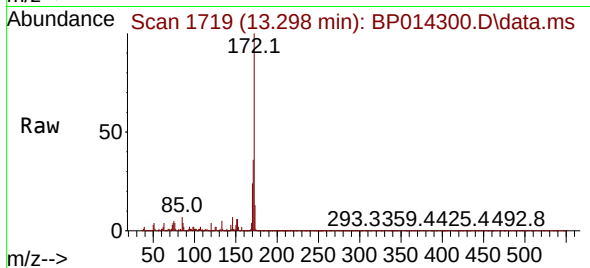
#45
2-Fluorobiphenyl
Concen: 97.474 ng
RT: 13.298 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:172 Resp: 2871318
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.0 19.0 28.4

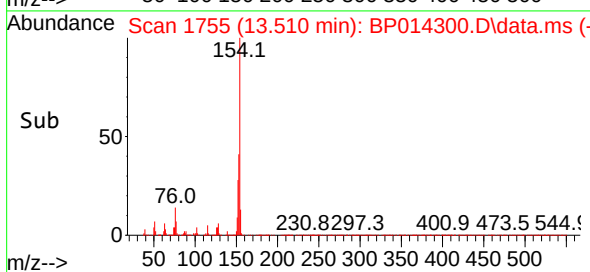
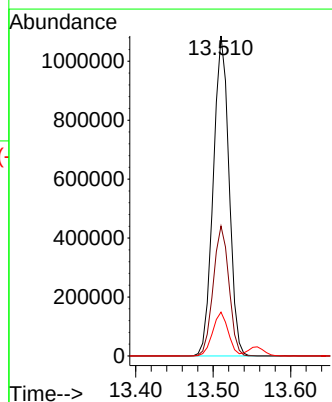
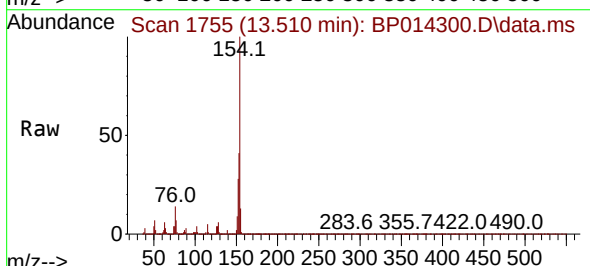
Manual Integrations
APPROVED

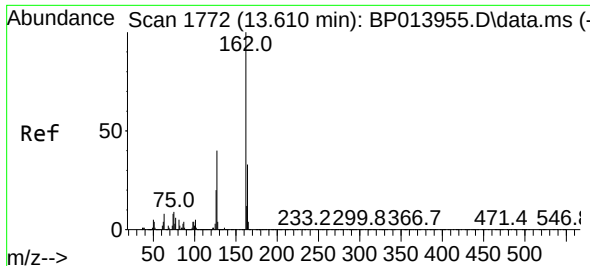
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#46
1,1'-Biphenyl
Concen: 49.928 ng
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:154 Resp: 1533754
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 13.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.530 ng

RT: 13.557 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

PB151516BS

Tgt Ion:162 Resp: 117129

Ion Ratio Lower Upper

162 100

127 41.8 32.5 48.7

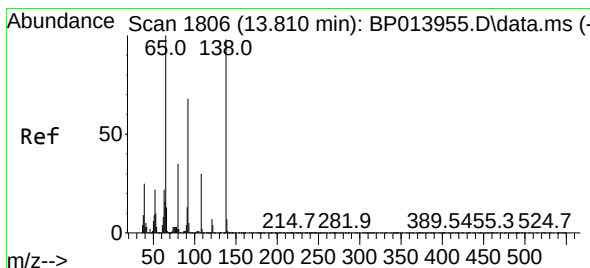
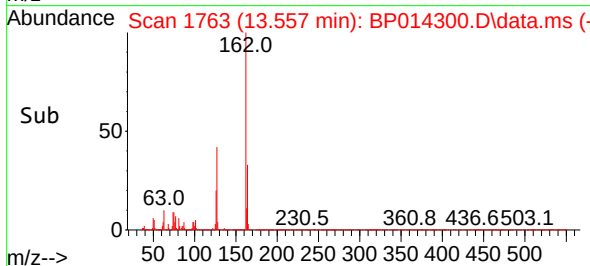
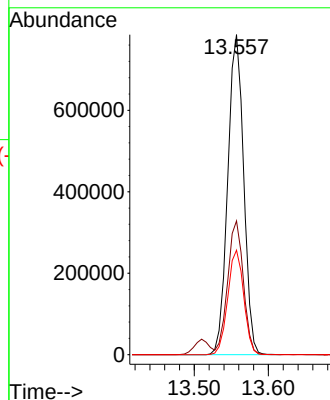
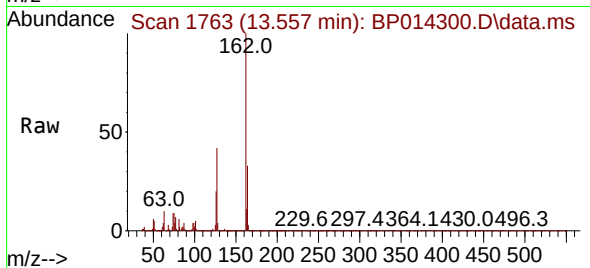
164 32.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#48

2-Nitroaniline

Concen: 51.511 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

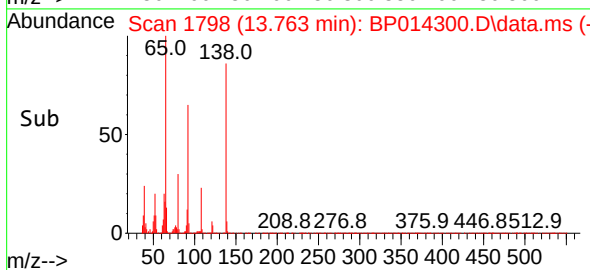
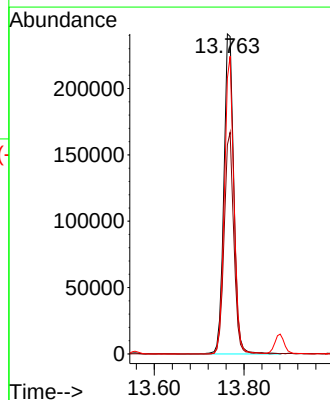
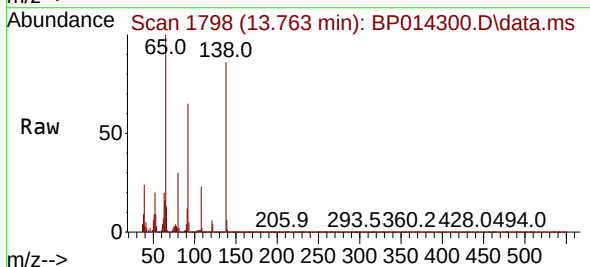
Tgt Ion: 65 Resp: 369683

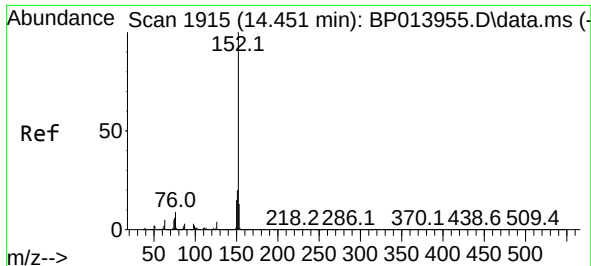
Ion Ratio Lower Upper

65 100

92 65.4 54.4 81.6

138 86.2 78.0 117.0





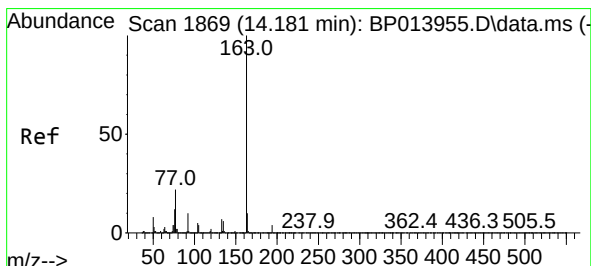
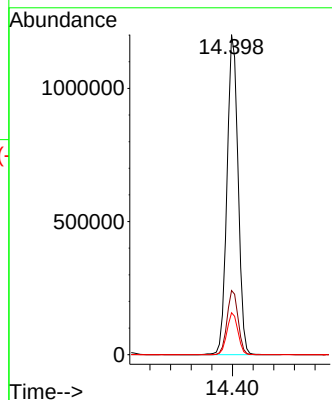
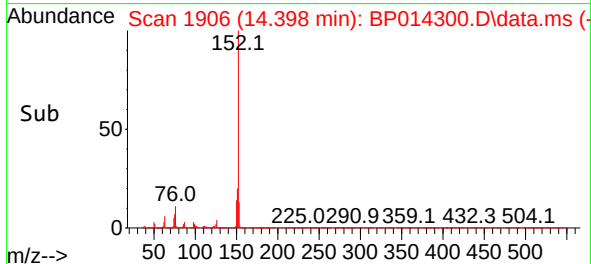
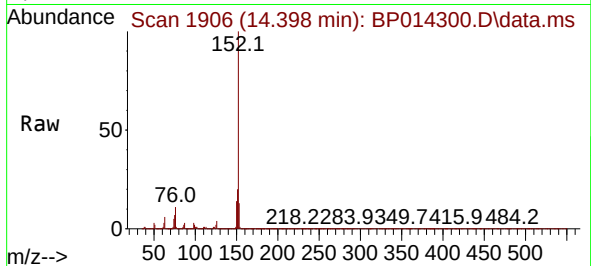
#49
Acenaphthylene
Concen: 47.410 ng
RT: 14.398 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:152 Resp: 178294
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.4 15.6

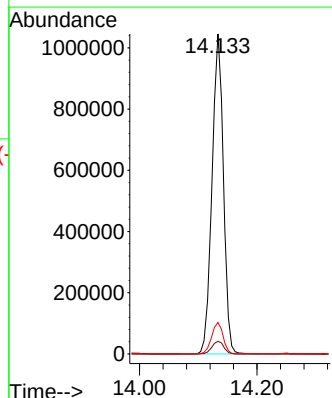
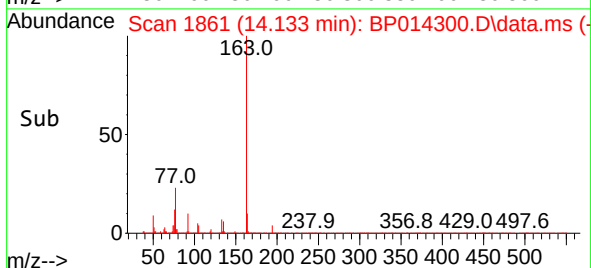
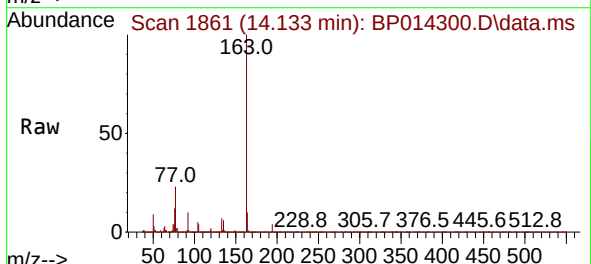
Manual Integrations
APPROVED

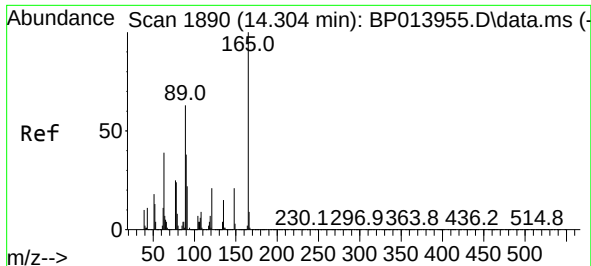
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#50
Dimethylphthalate
Concen: 44.460 ng
RT: 14.133 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

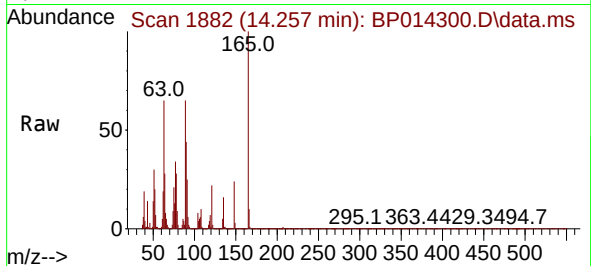
Tgt Ion:163 Resp: 1399839
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.636 ng
RT: 14.257 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

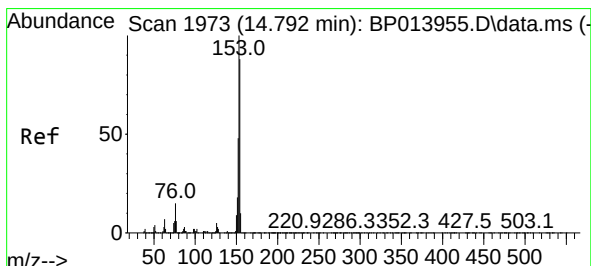
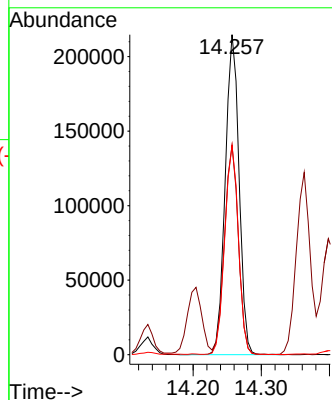
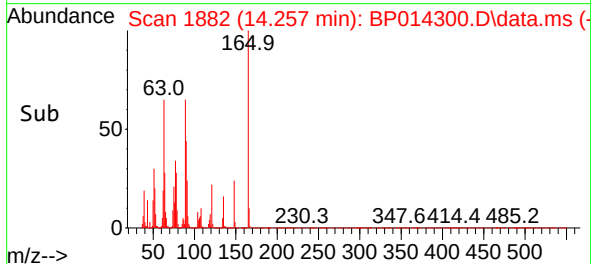
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:165 Resp: 302584
Ion Ratio Lower Upper
165 100
63 65.4 46.7 70.1
89 65.4 50.8 76.2

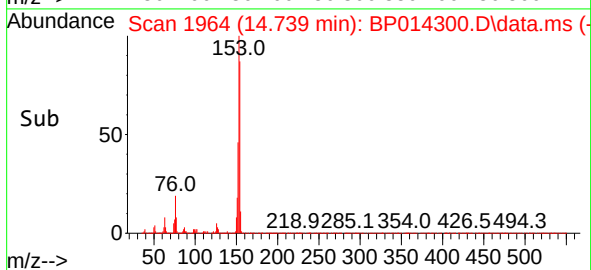
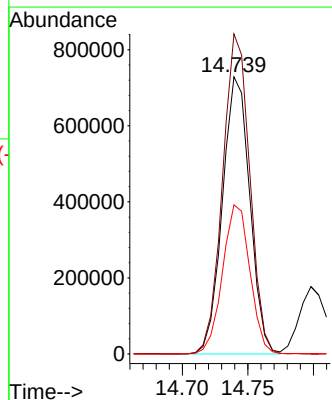
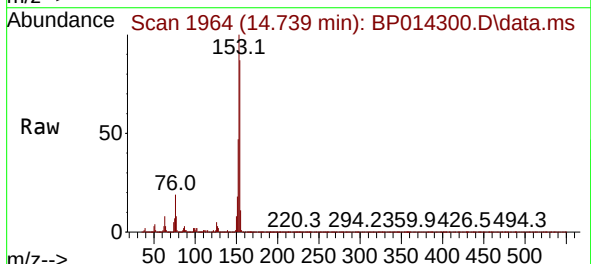
Manual Integrations
APPROVED

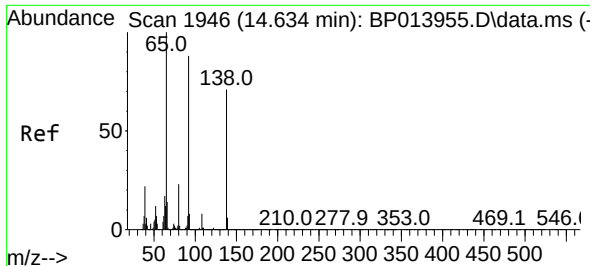
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#52
Acenaphthene
Concen: 46.770 ng
RT: 14.739 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

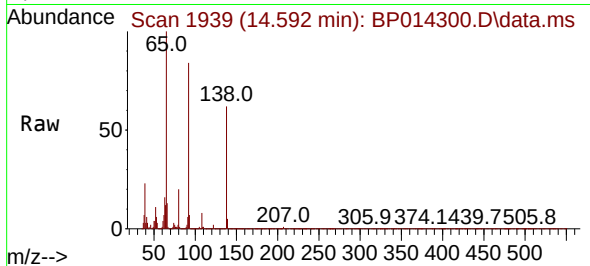
Tgt Ion:154 Resp: 1058808
Ion Ratio Lower Upper
154 100
153 115.5 91.3 136.9
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 27.043 ng
RT: 14.592 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

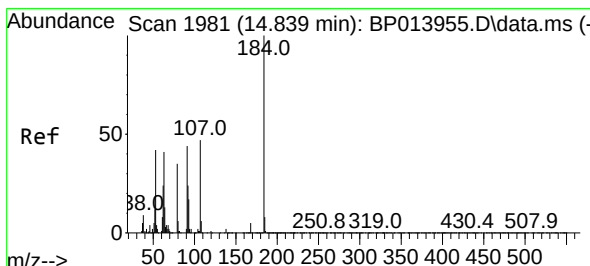
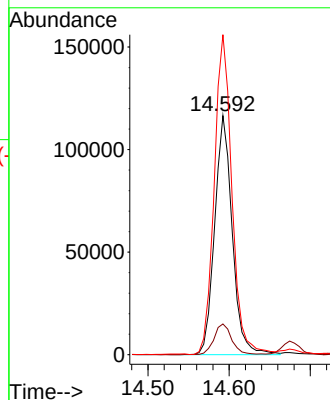
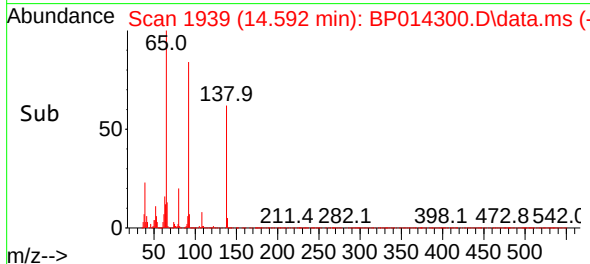
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:138 Resp: 175729
Ion Ratio Lower Upper
138 100
108 12.8 9.5 14.3
92 133.9 99.2 148.8

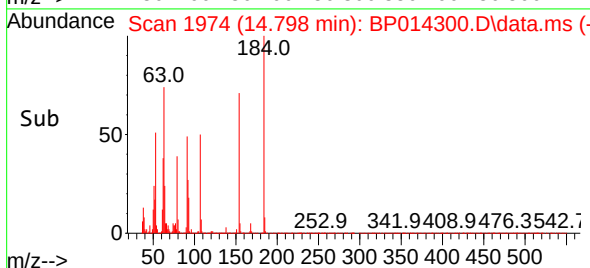
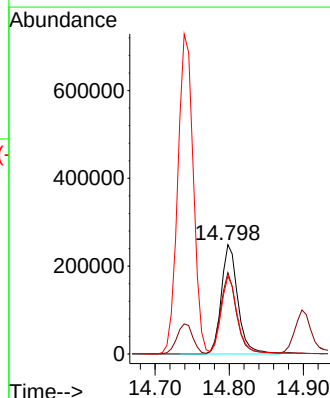
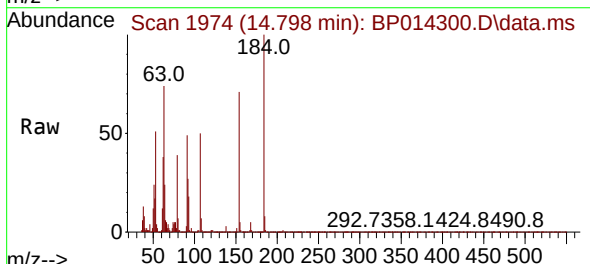
Manual Integrations
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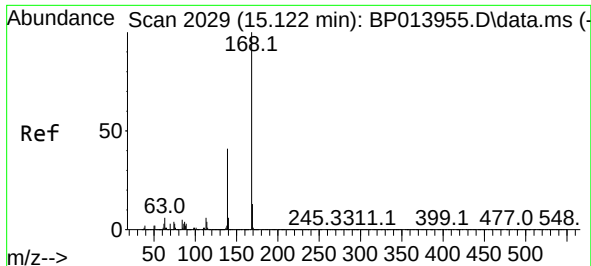
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#54
2,4-Dinitrophenol
Concen: 78.137 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

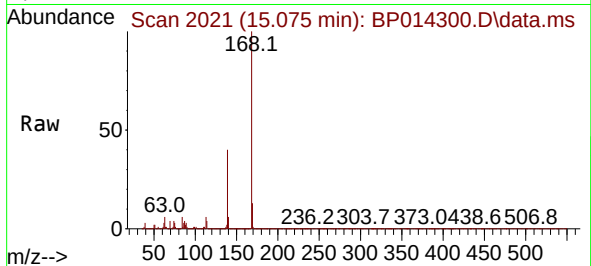
Tgt Ion:184 Resp: 383768
Ion Ratio Lower Upper
184 100
63 74.5 52.4 78.6
154 71.2 59.4 89.2





#55
Dibenzenofuran
Concen: 46.318 ng
RT: 15.075 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

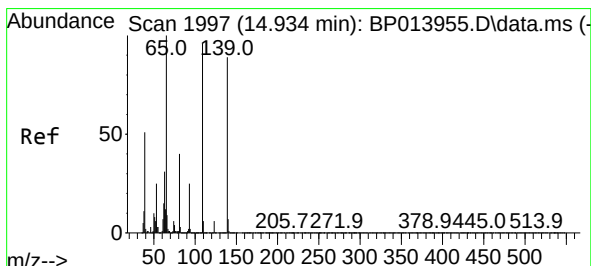
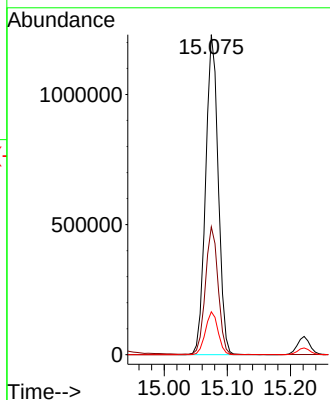
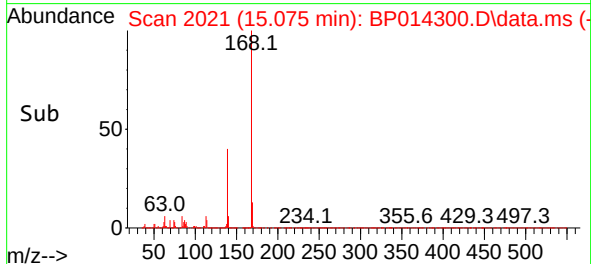
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:168 Resp: 1709439
Ion Ratio Lower Upper
168 100
139 40.0 32.9 49.3
169 13.4 10.6 15.8

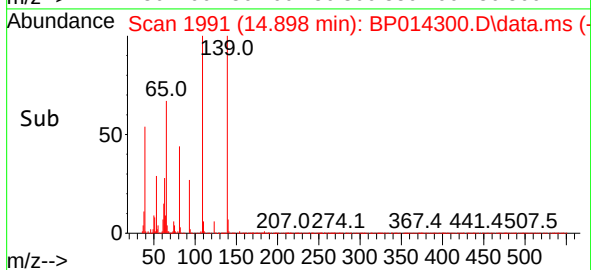
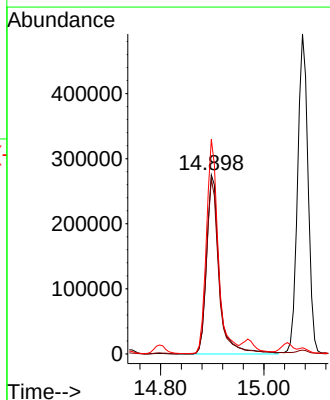
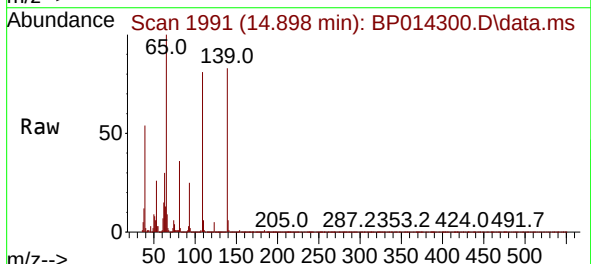
Manual Integrations
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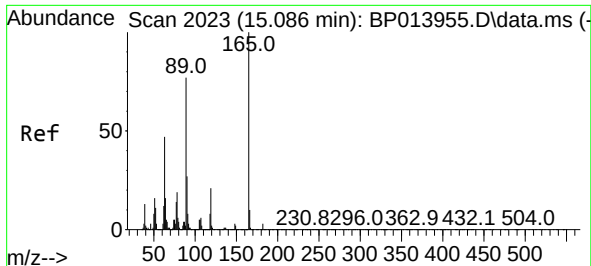
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#56
4-Nitrophenol
Concen: 88.460 ng
RT: 14.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:139 Resp: 468069
Ion Ratio Lower Upper
139 100
109 97.7 87.0 127.0
65 119.8 92.1 132.1





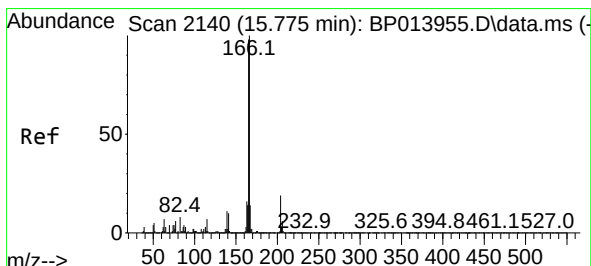
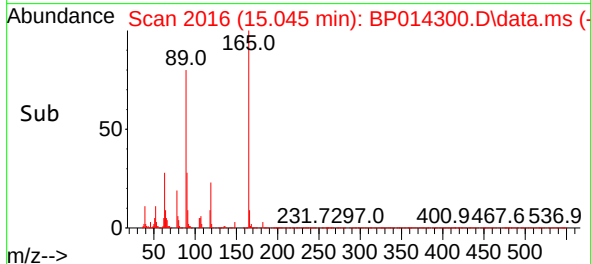
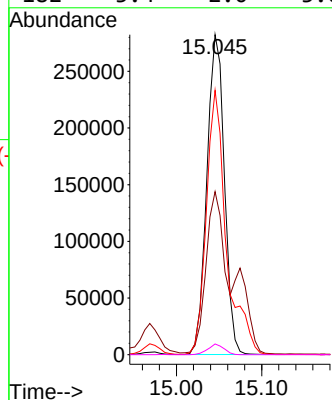
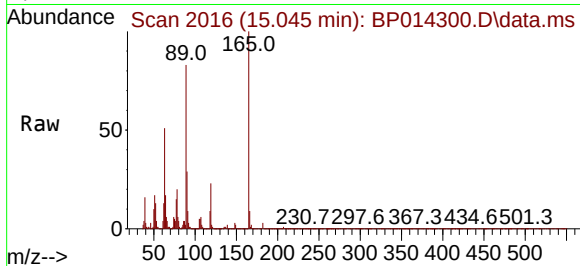
#57
2,4-Dinitrotoluene
Concen: 45.510 ng
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:165 Resp: 403352
Ion Ratio Lower Upper
165 100
63 51.0 37.5 56.3
89 82.6 61.8 92.8
182 3.4 2.0 3.0#

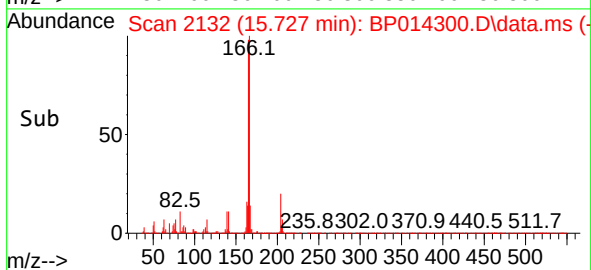
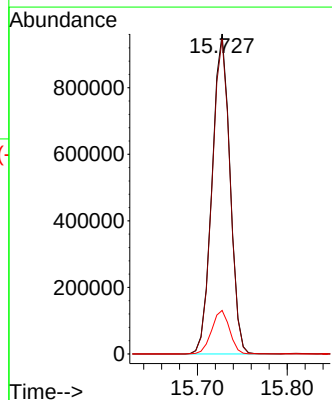
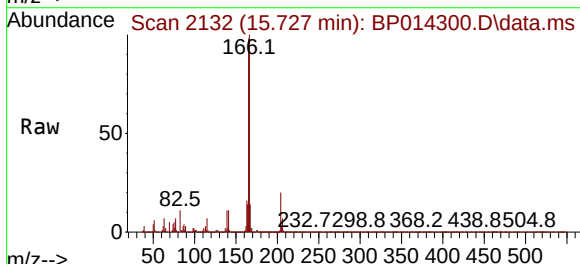
Manual Integrations
APPROVED

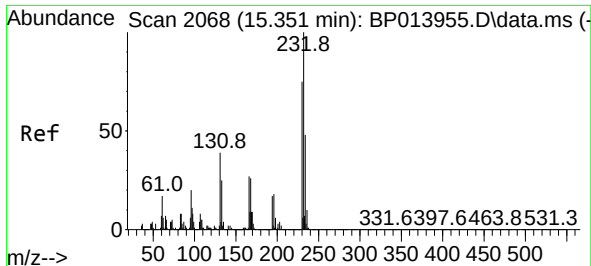
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#58
Fluorene
Concen: 45.454 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:166 Resp: 1332054
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.6 10.8 16.2





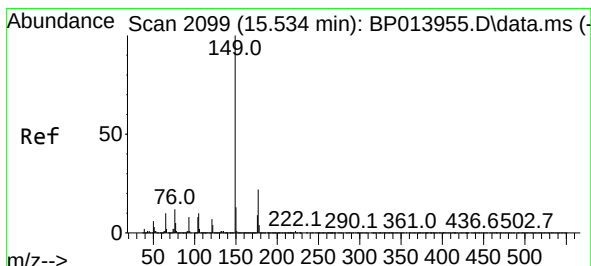
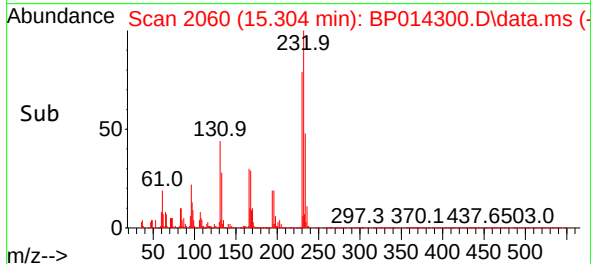
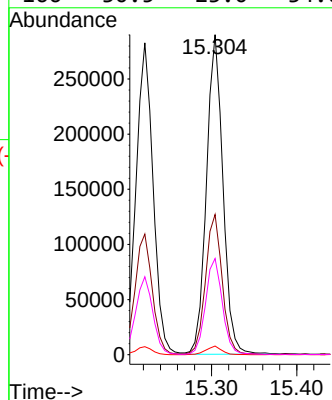
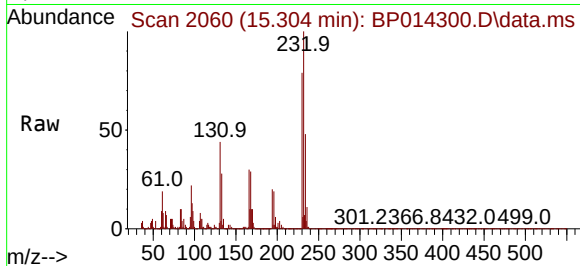
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.013 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:232 Resp: 390531
Ion Ratio Lower Upper
232 100
131 44.2 32.5 48.7
130 2.6 1.9 2.9
166 30.5 23.0 34.6

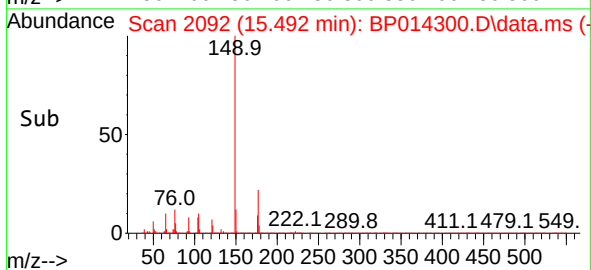
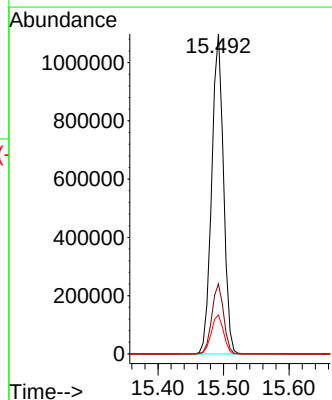
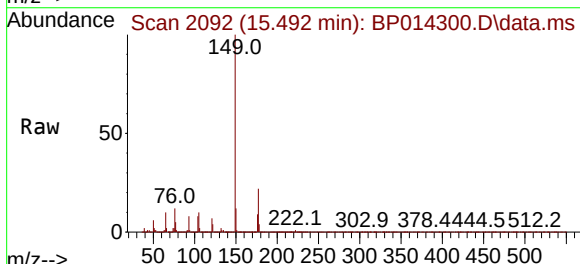
Manual Integrations
APPROVED

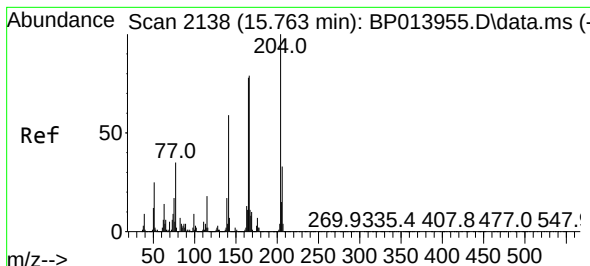
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#60
Diethylphthalate
Concen: 44.208 ng
RT: 15.492 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:149 Resp: 1374270
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 12.2 10.3 15.5





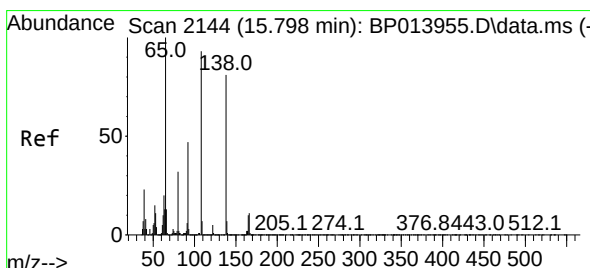
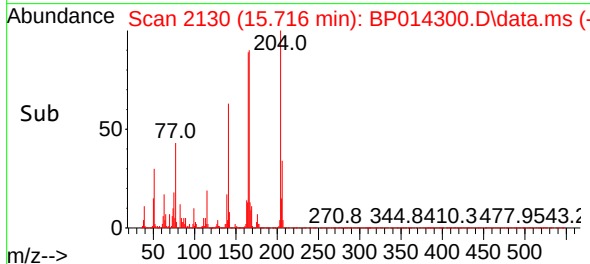
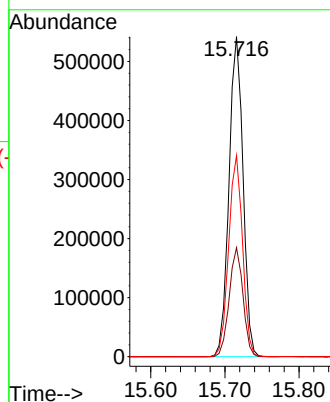
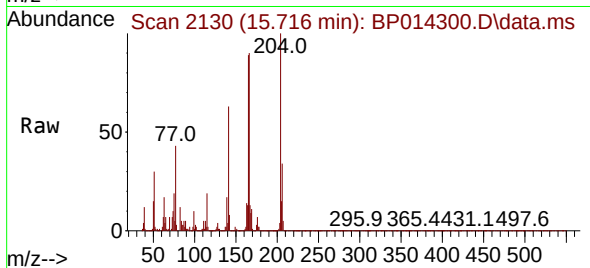
#61
4-Chlorophenyl-phenylether
Concen: 42.877 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:204 Resp: 71230
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.4
141 62.8 46.9 70.3

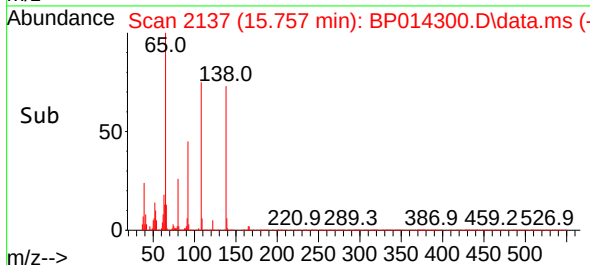
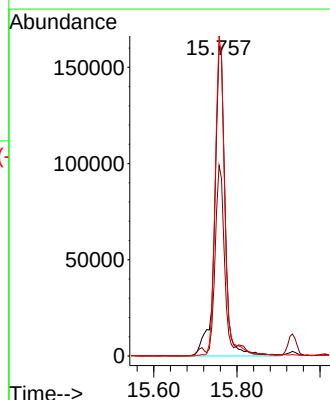
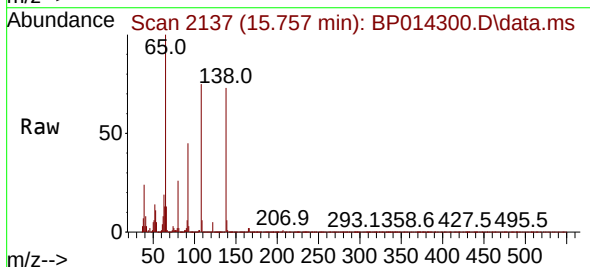
Manual Integrations
APPROVED

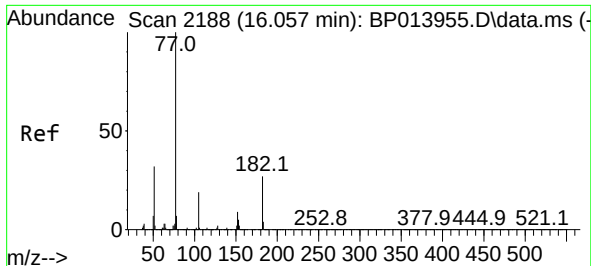
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#62
4-Nitroaniline
Concen: 43.508 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

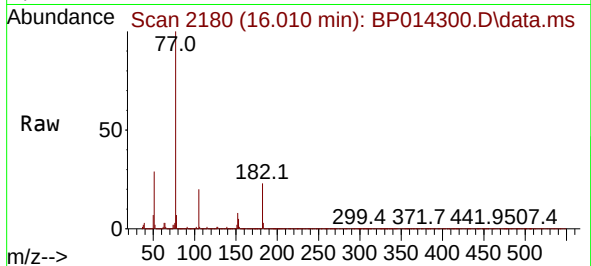
Tgt Ion:138 Resp: 281506
Ion Ratio Lower Upper
138 100
92 61.5 37.9 77.9
108 103.3 94.9 134.9





#63
Azobenzene
Concen: 50.578 ng
RT: 16.010 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

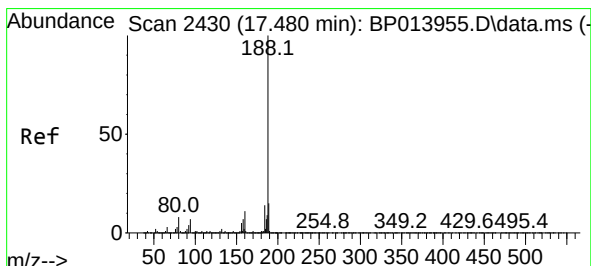
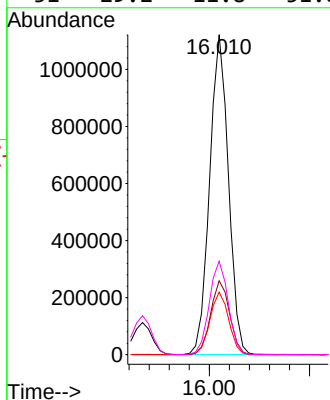
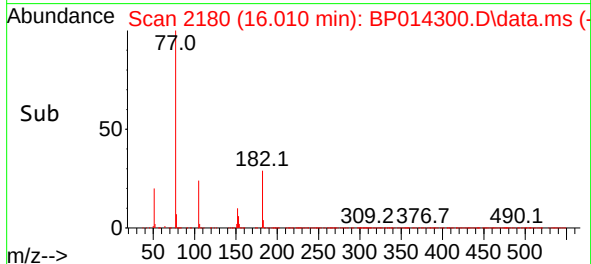
Instrument :
BNA_P
ClientSampleId :
PB151516BS



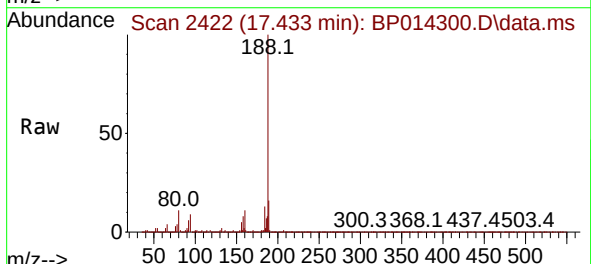
Tgt Ion: 77 Resp: 145488
Ion Ratio Lower Upper
77 100
182 23.1 6.9 46.9
105 19.6 0.0 39.4
51 29.2 11.8 51.8

Manual Integrations
APPROVED

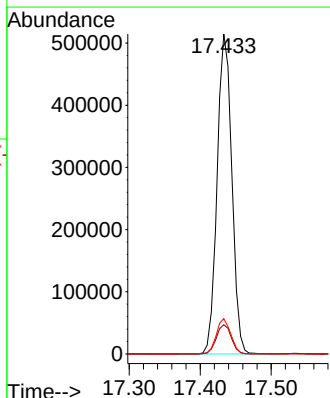
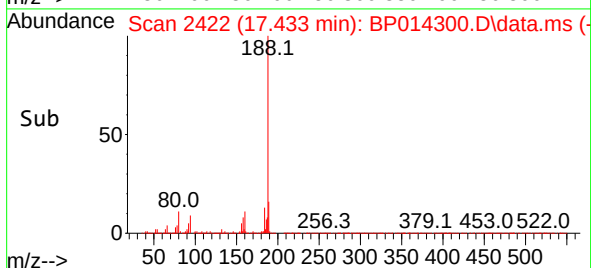
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

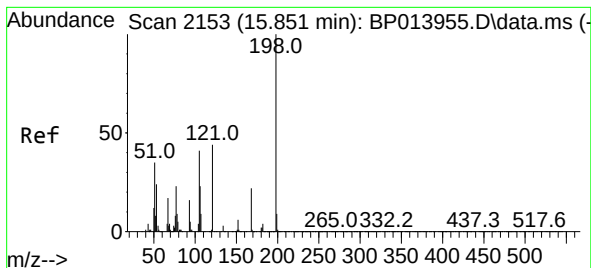


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion:188 Resp: 736976
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 11.0 6.6 9.8#





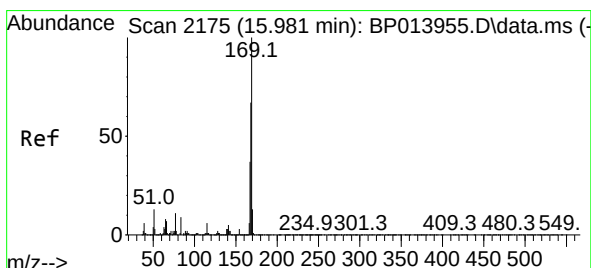
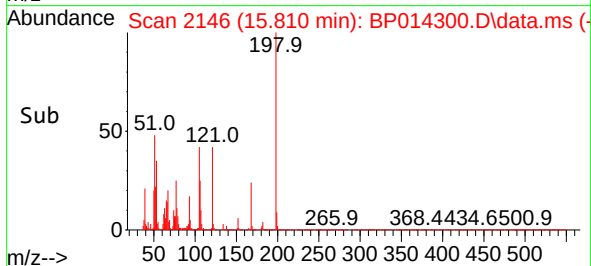
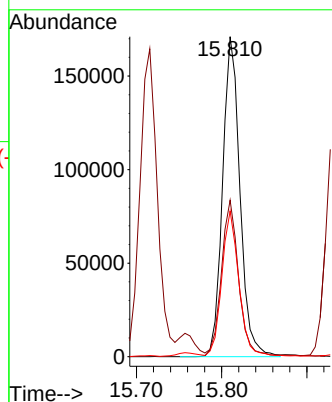
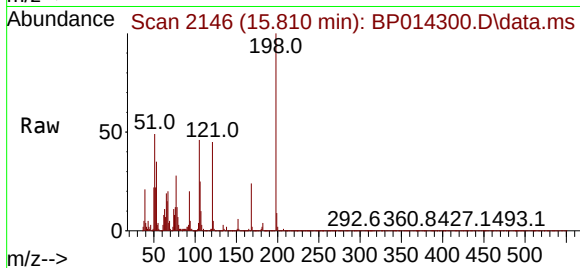
#65
4,6-Dinitro-2-methylphenol
Concen: 44.369 ng
RT: 15.810 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:198 Resp: 242199
Ion Ratio Lower Upper
198 100
51 48.9 22.1 62.1
105 45.5 21.5 61.5

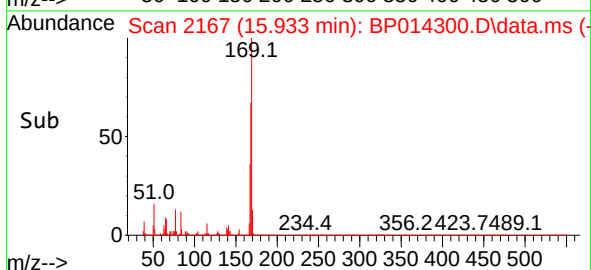
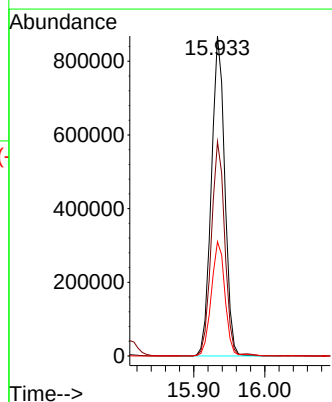
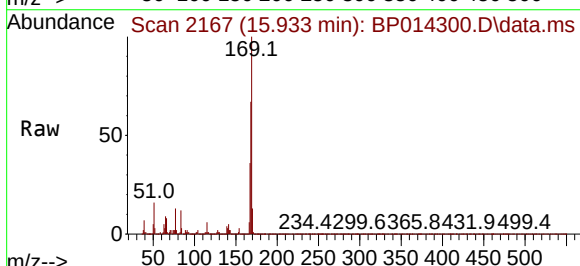
Manual Integrations
APPROVED

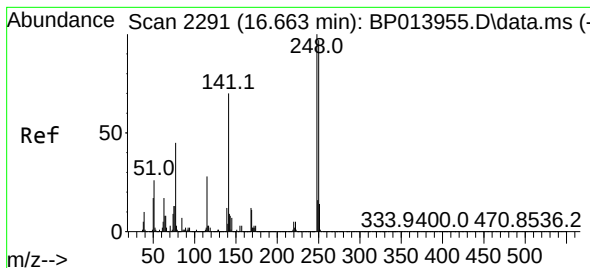
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#66
n-Nitrosodiphenylamine
Concen: 48.890 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:169 Resp: 1138543
Ion Ratio Lower Upper
169 100
168 67.0 54.0 81.0
167 35.7 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.059 ng
RT: 16.616 min Scan# 210
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

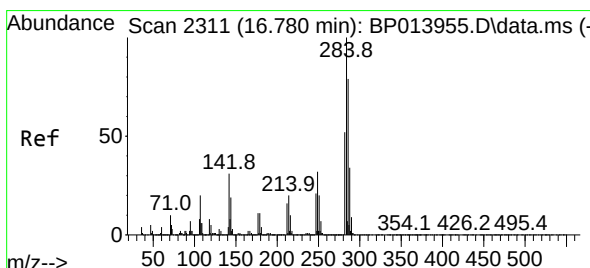
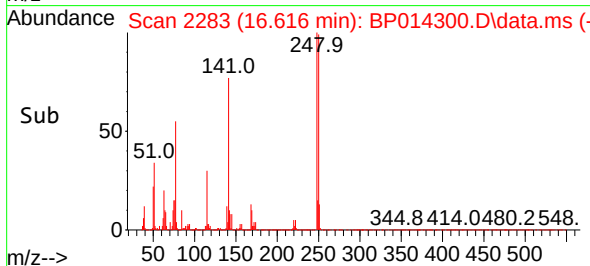
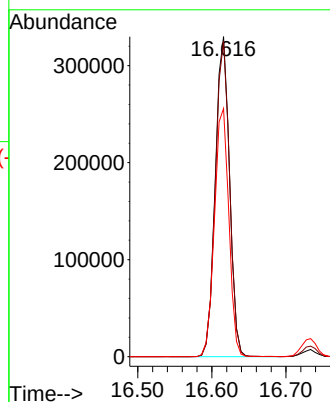
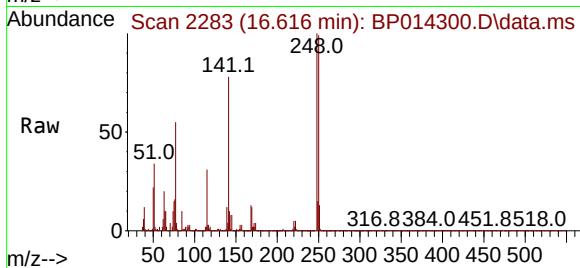
PB151516BS

Tgt Ion:248 Resp: 43925
Ion Ratio Lower Upper
248 100
250 98.6 77.9 116.9
141 77.5 56.0 84.0

Manual Integrations

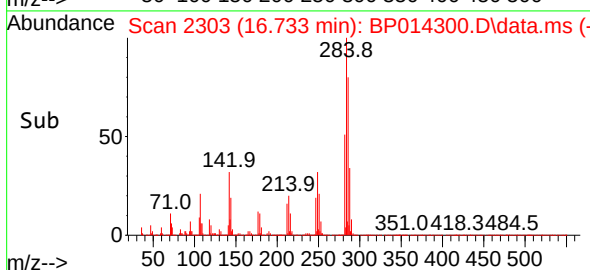
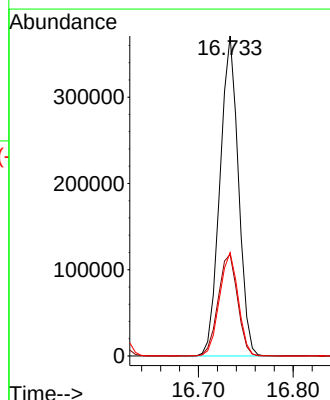
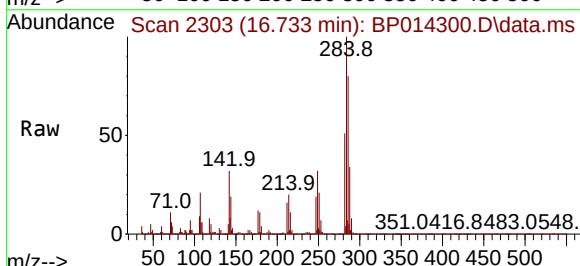
APPROVED

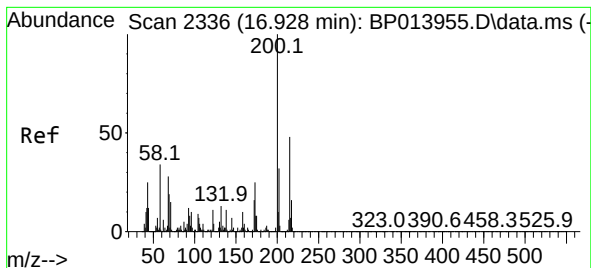
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#68
Hexachlorobenzene
Concen: 48.103 ng
RT: 16.733 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:284 Resp: 502633
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 32.3 25.7 38.5





#69

Atrazine

Concen: 49.948 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

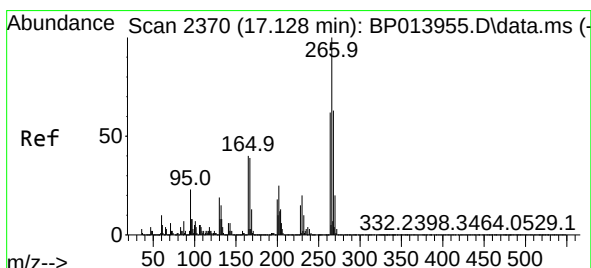
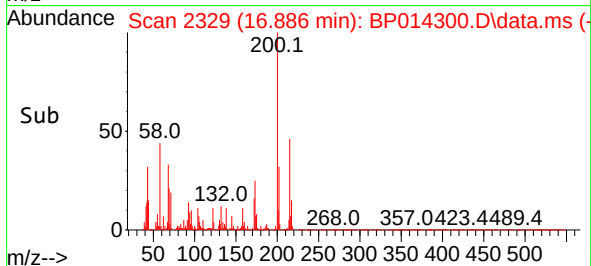
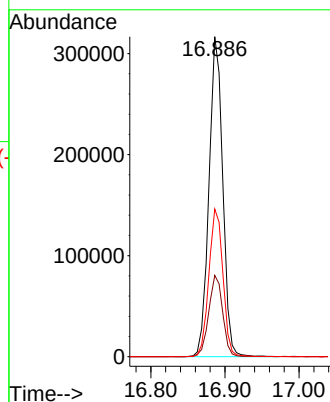
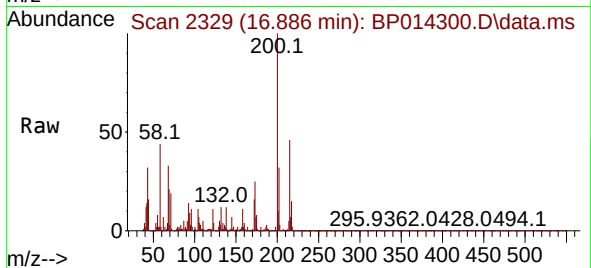
ClientSampleId :

PB151516BS

Tgt Ion:200 Resp: 408384
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.5 45.5
 215 46.1 27.9 67.9

Manual Integrations
 APPROVED

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



#70

Pentachlorophenol

Concen: 80.751 ng

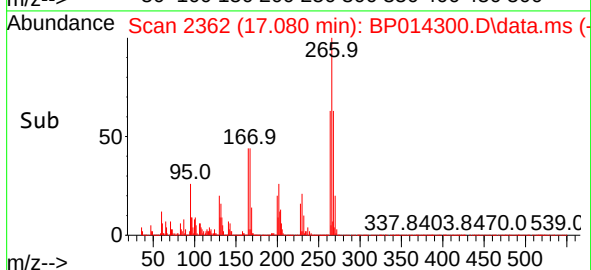
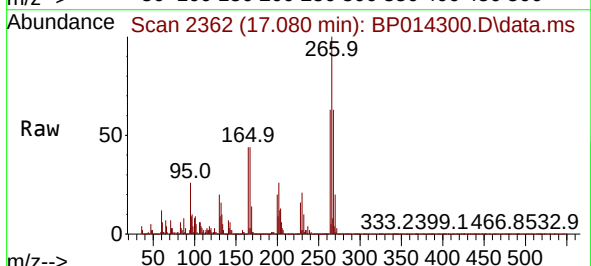
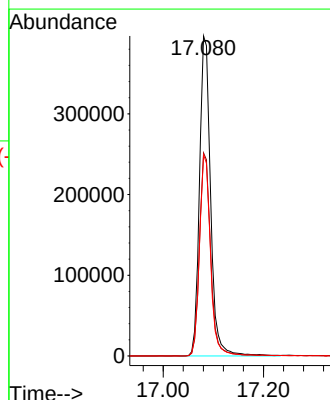
RT: 17.080 min Scan# 2362

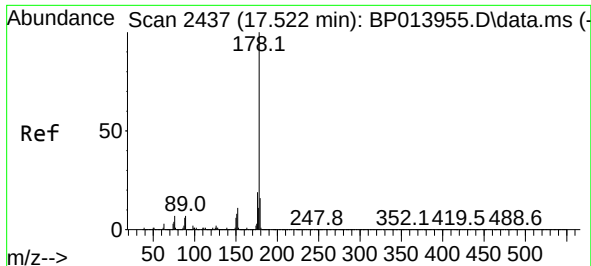
Delta R.T. -0.006 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Tgt Ion:266 Resp: 608528
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.4 75.6
 264 62.9 49.2 73.8





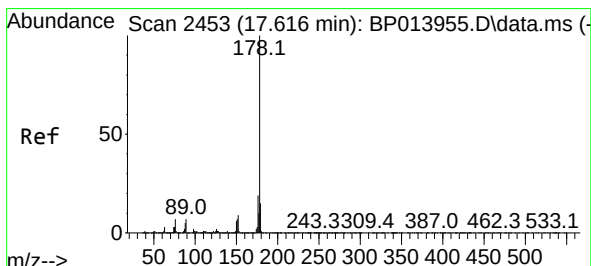
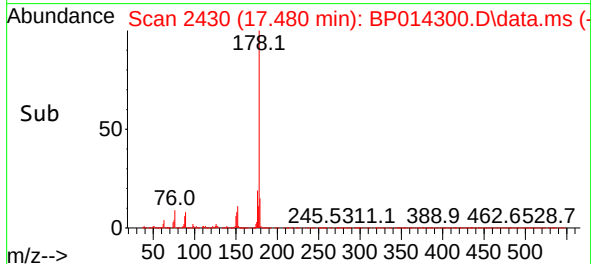
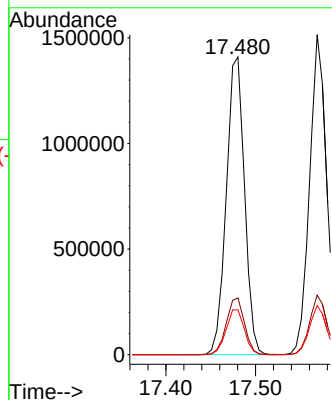
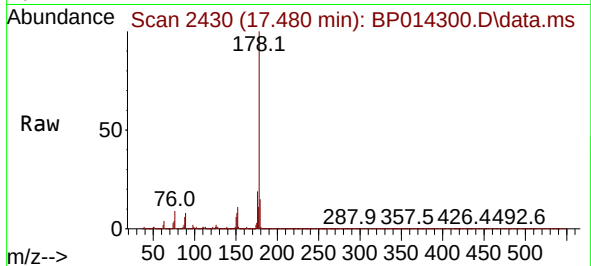
#71
Phenanthrene
Concen: 48.224 ng
RT: 17.480 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:178 Resp: 1985419
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.1 12.6 19.0

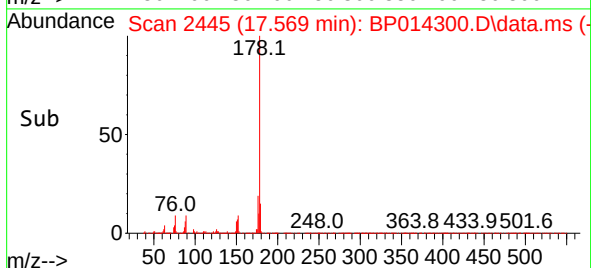
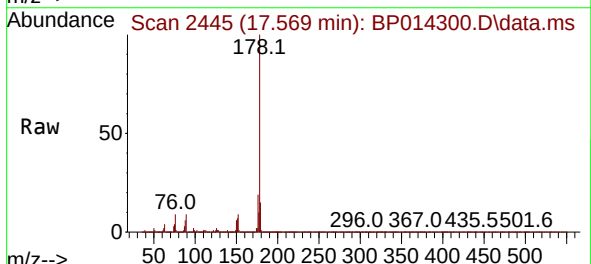
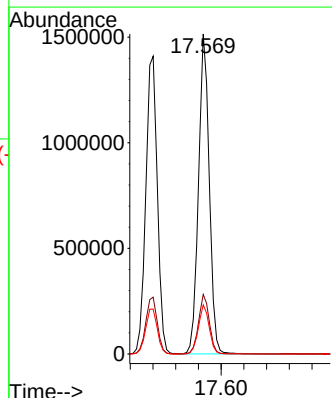
Manual Integrations
APPROVED

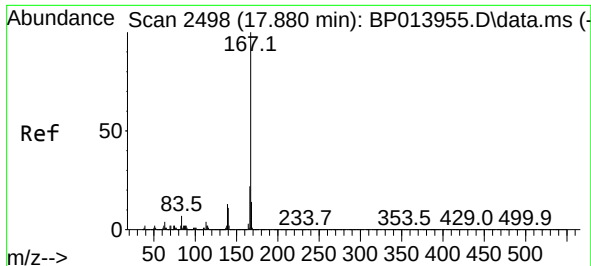
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#72
Anthracene
Concen: 47.529 ng
RT: 17.569 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:178 Resp: 1999451
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.3 12.1 18.1





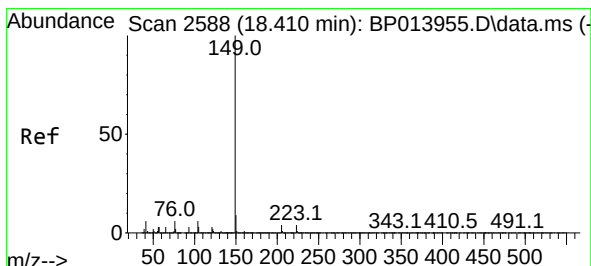
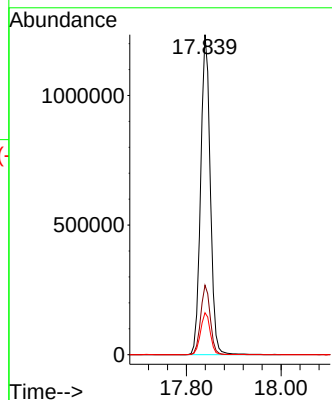
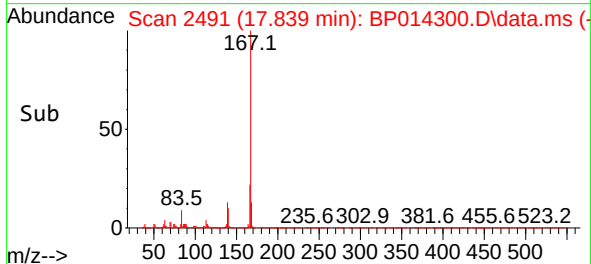
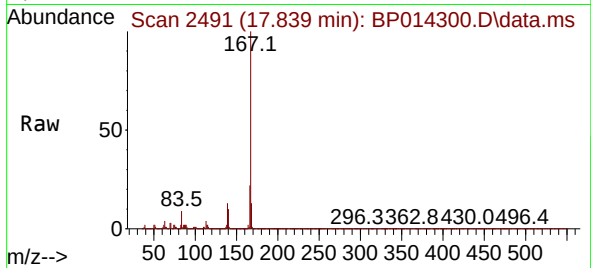
#73
 Carbazole
 Concen: 47.758 ng
 RT: 17.839 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP014300.D
 Acq: 24 Mar 2023 21:49

Instrument :
 BNA_P
 ClientSampleId :
 PB151516BS

Tgt Ion:167 Resp: 173303
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.5 15.7

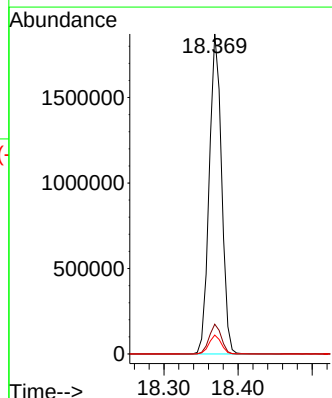
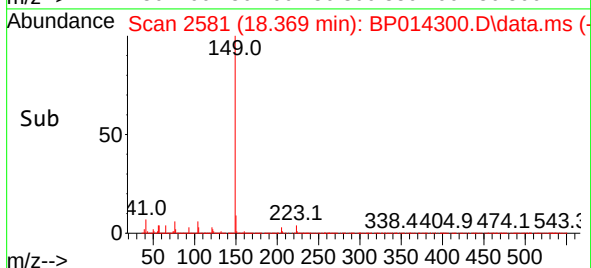
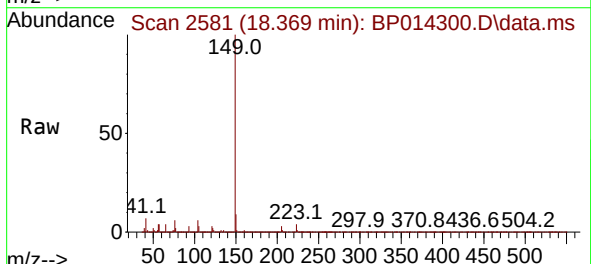
Manual Integrations
 APPROVED

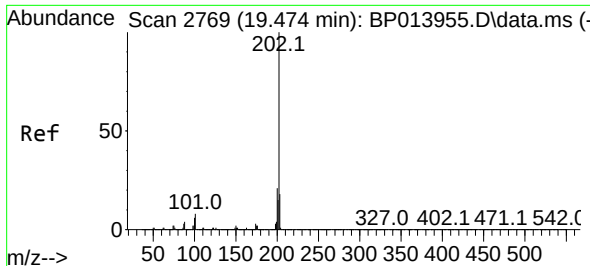
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023



#74
 Di-n-butylphthalate
 Concen: 47.712 ng
 RT: 18.369 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP014300.D
 Acq: 24 Mar 2023 21:49

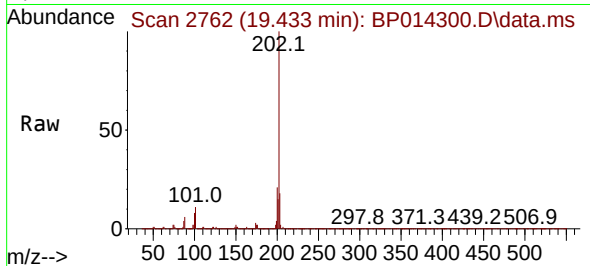
Tgt Ion:149 Resp: 2164715
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.9 4.6 7.0





#75
Fluoranthene
Concen: 43.982 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

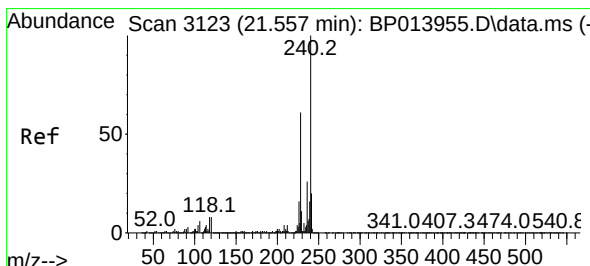
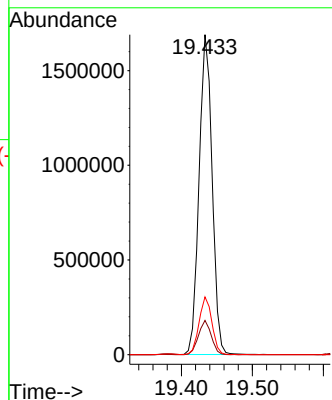
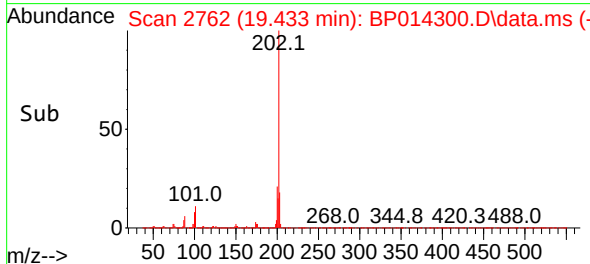
Instrument :
BNA_P
ClientSampleId :
PB151516BS



Tgt Ion:202 Resp: 2164369
Ion Ratio Lower Upper
202 100
101 10.7 0.0 27.9
203 18.1 0.0 37.7

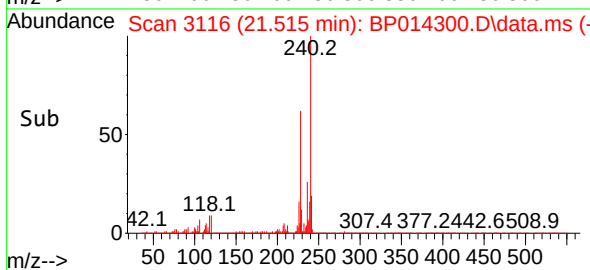
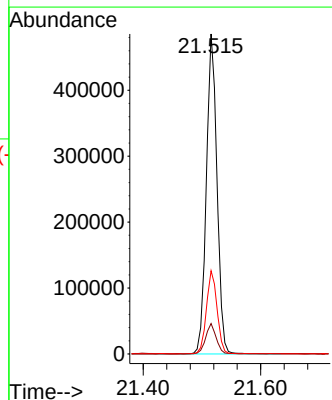
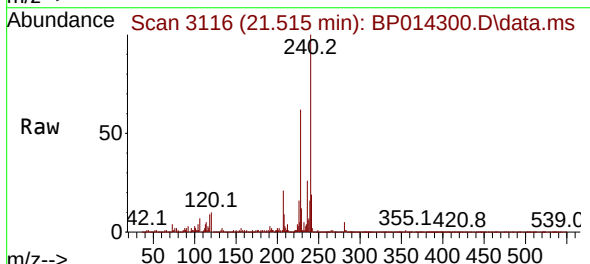
Manual Integrations
APPROVED

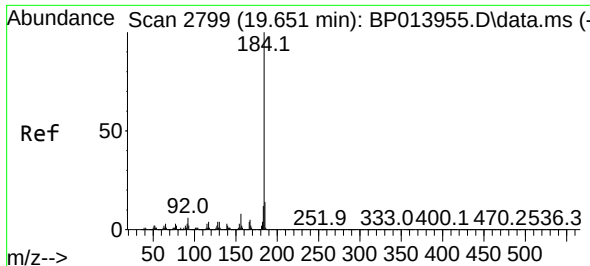
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:240 Resp: 610059
Ion Ratio Lower Upper
240 100
120 9.5 6.4 9.6
236 26.0 21.2 31.8





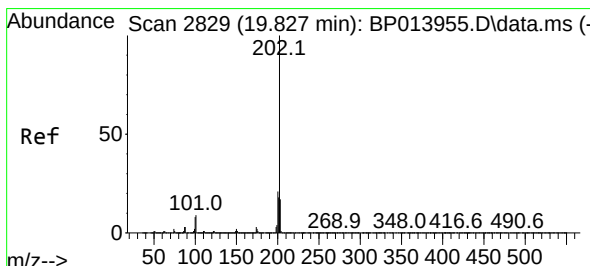
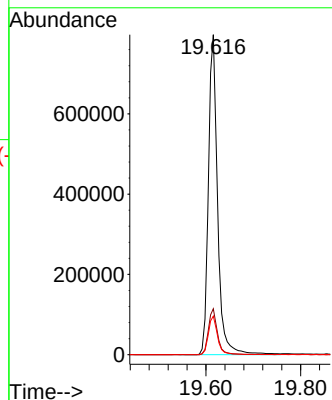
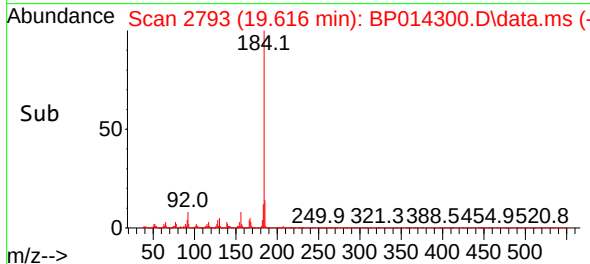
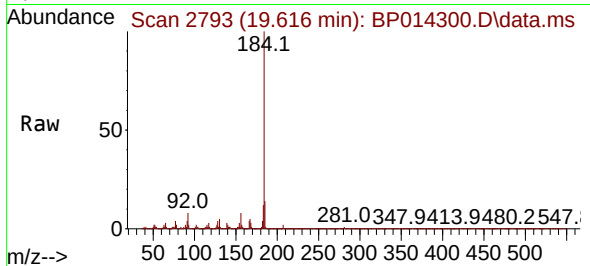
#77
Benzidine
Concen: 93.441 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:184 Resp: 106938
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 12.1 9.7 14.5

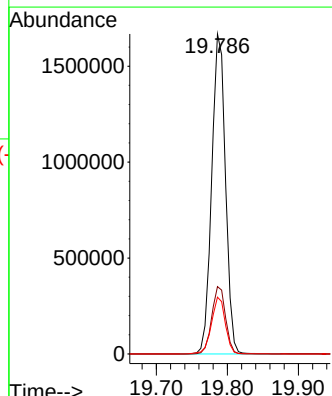
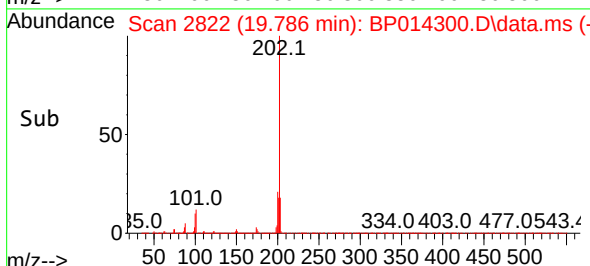
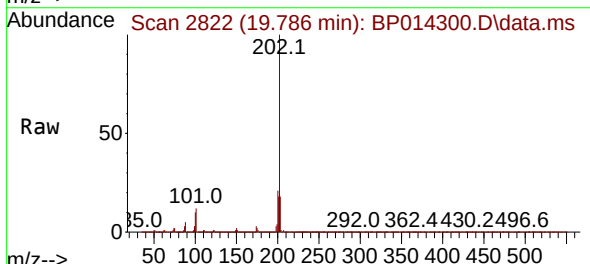
Manual Integrations
APPROVED

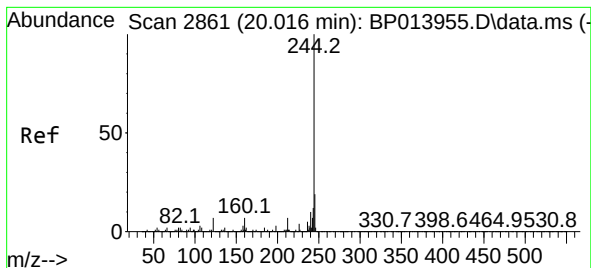
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#78
Pyrene
Concen: 47.989 ng
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:202 Resp: 2247065
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 101.097 ng

RT: 19.974 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

PB151516BS

Tgt Ion:244 Resp: 374027

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

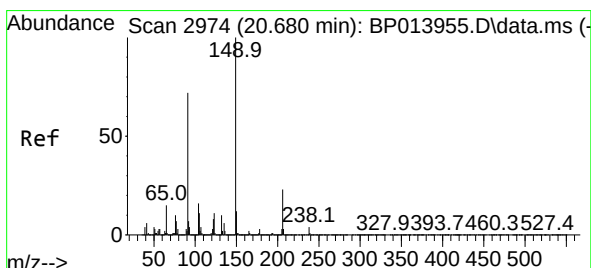
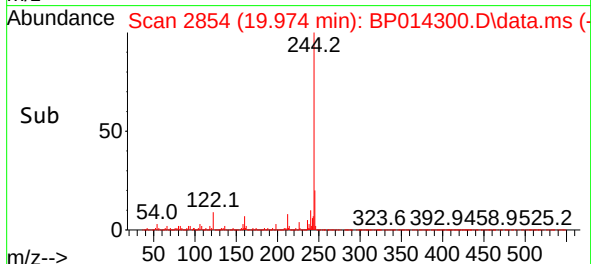
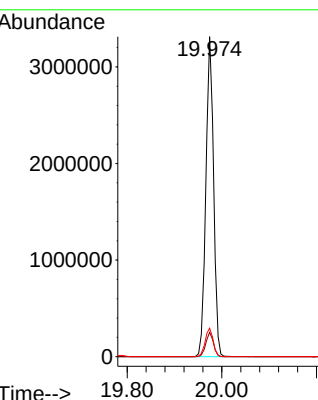
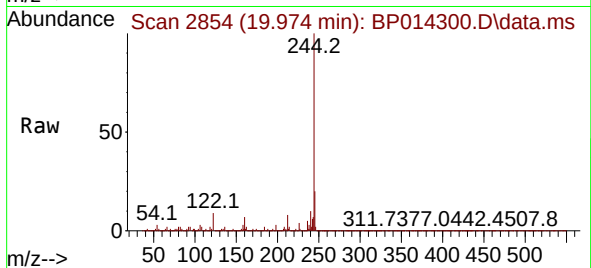
122 8.9 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#80

Butylbenzylphthalate

Concen: 50.365 ng

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

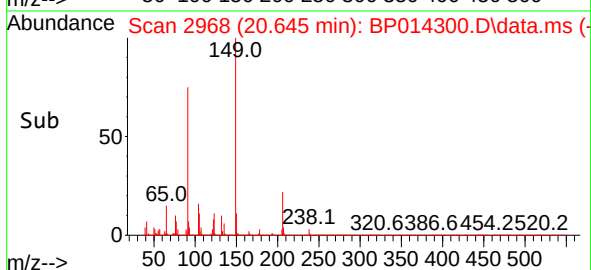
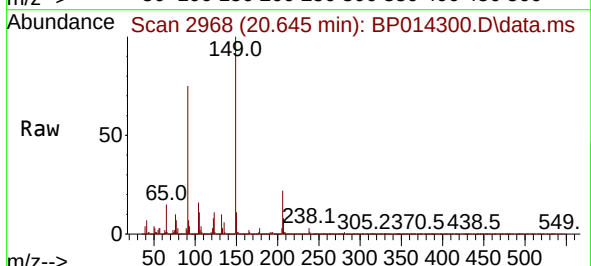
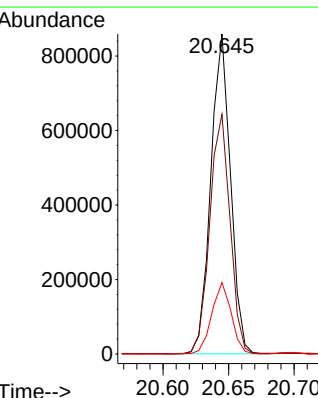
Tgt Ion:149 Resp: 894068

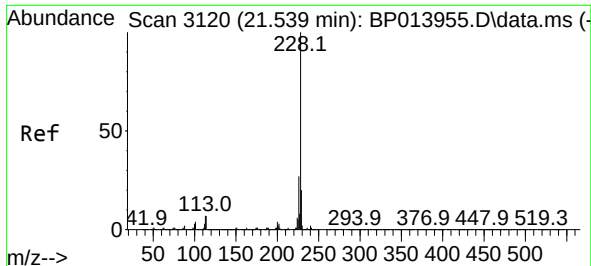
Ion Ratio Lower Upper

149 100

91 74.9 58.0 87.0

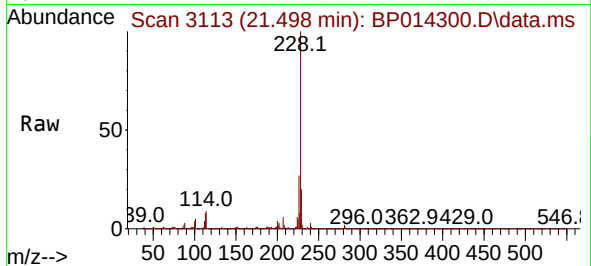
206 22.3 18.7 28.1





#81
Benzo(a)anthracene
Concen: 46.817 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

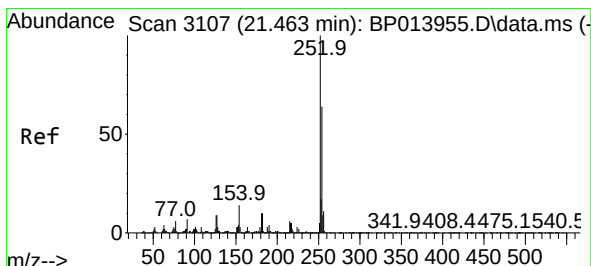
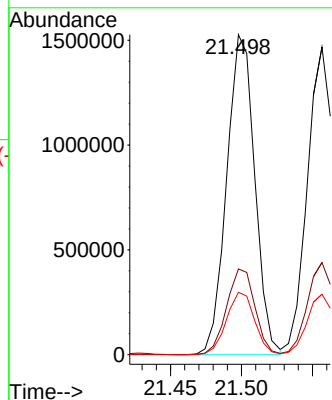
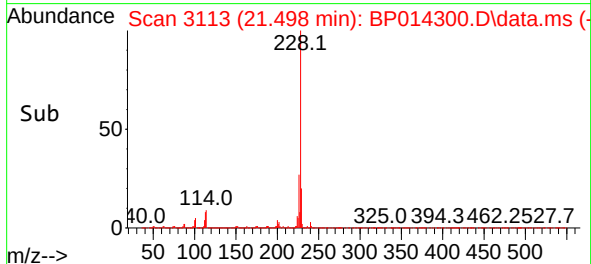
Instrument :
BNA_P
ClientSampleId :
PB151516BS



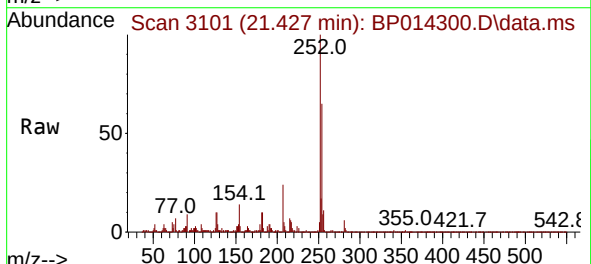
Tgt Ion:228 Resp: 2095644
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.5 15.8 23.6

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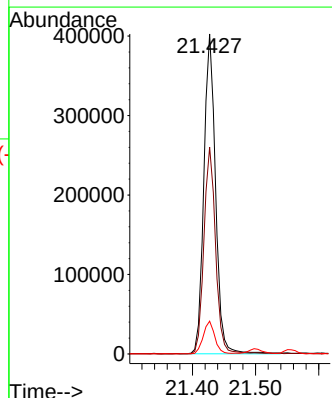
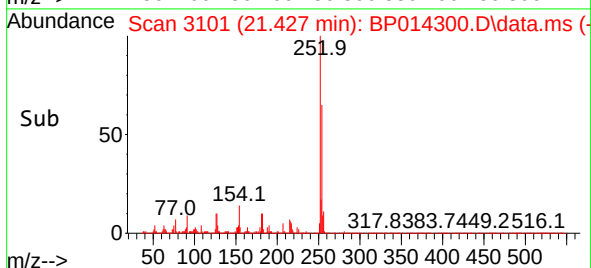
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

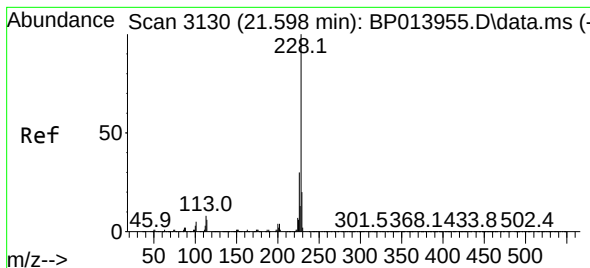


#82
3,3'-Dichlorobenzidine
Concen: 36.036 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion:252 Resp: 516131
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 10.3 7.0 10.6





#83

Chrysene

Concen: 46.044 ng

RT: 21.557 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

PB151516BS

Tgt Ion:228 Resp: 195181

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

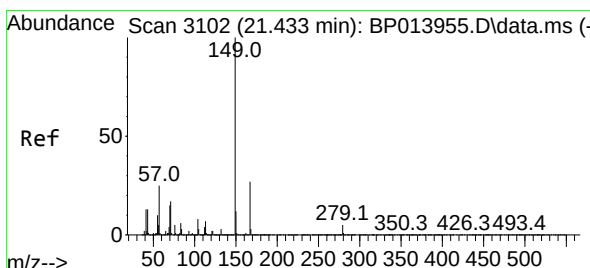
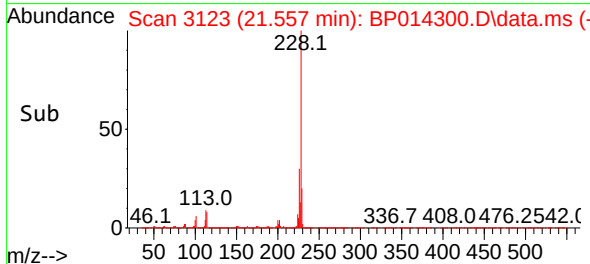
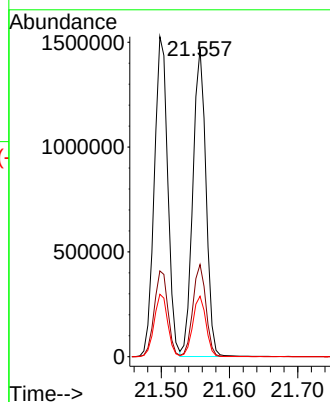
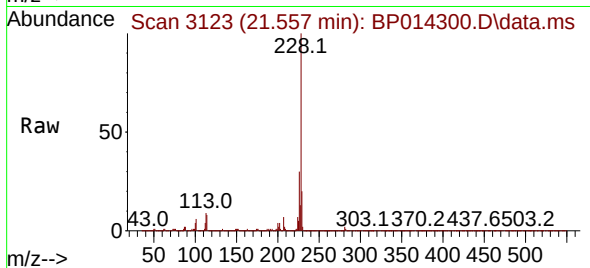
229 19.6 15.8 23.8

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: 49.629 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

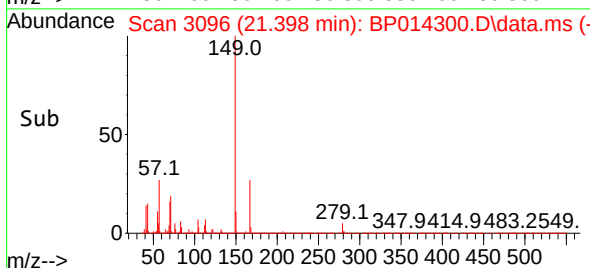
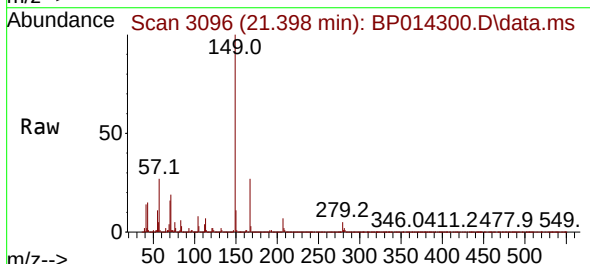
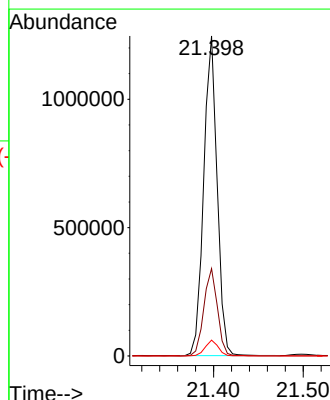
Tgt Ion:149 Resp: 1292466

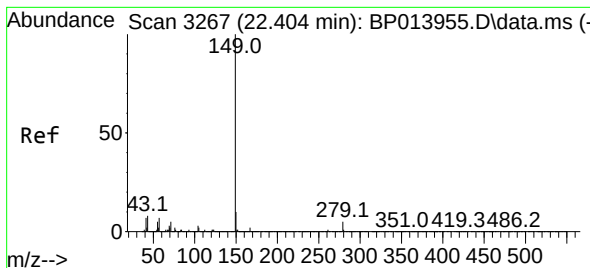
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.209 ng

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

PB151516BS

Tgt Ion:149 Resp: 212253

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

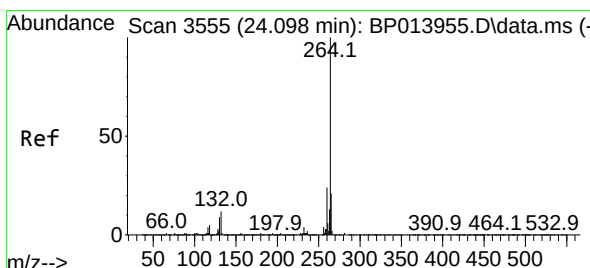
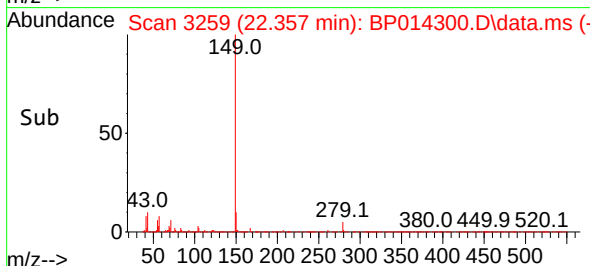
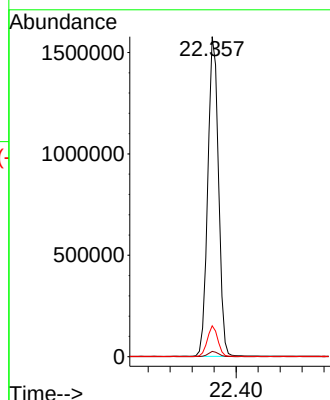
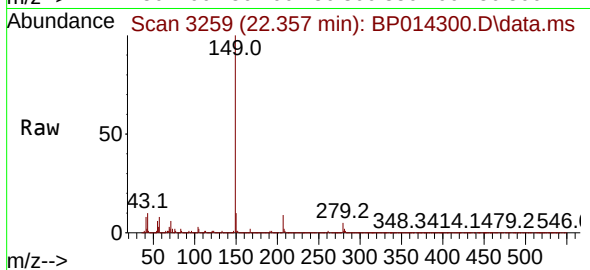
43 9.4 6.4 9.6

Manual Integrations

APPROVED

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: BP014300.D

Acq: 24 Mar 2023 21:49

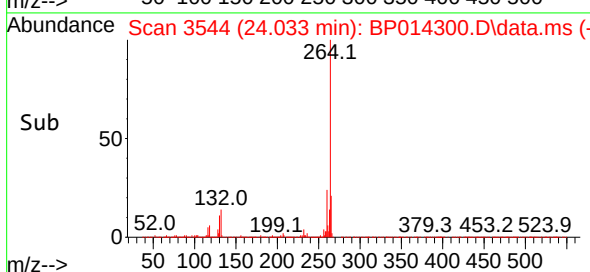
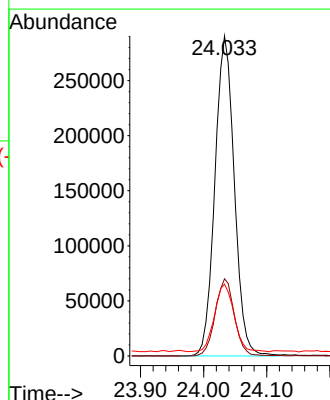
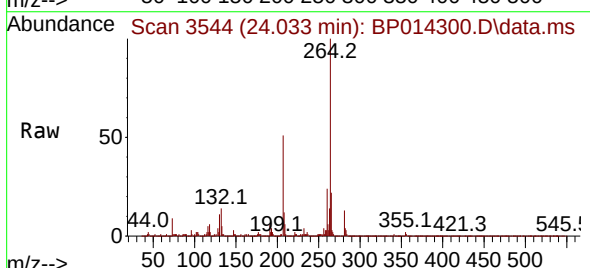
Tgt Ion:264 Resp: 620464

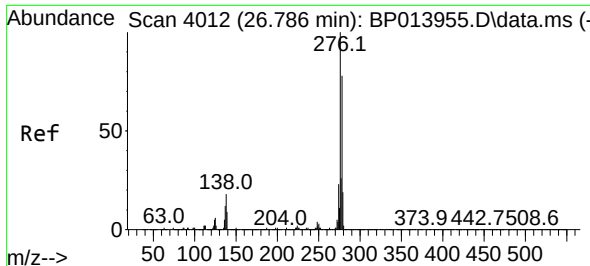
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

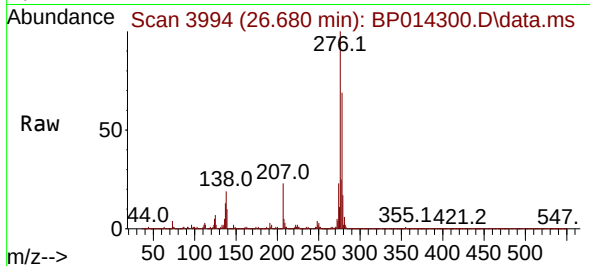
265 22.4 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.676 ng
RT: 26.680 min Scan# 3994
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

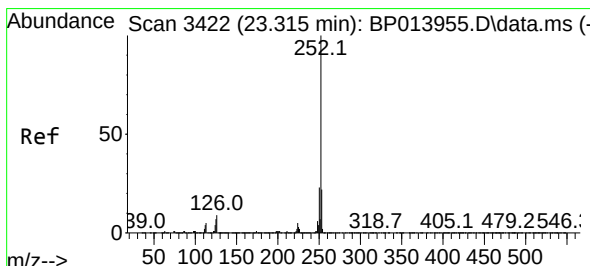
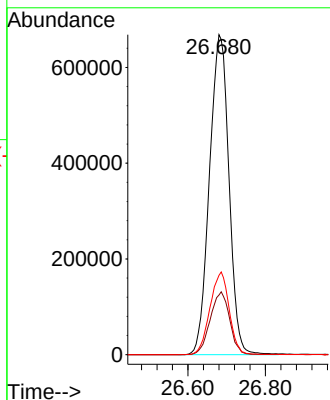
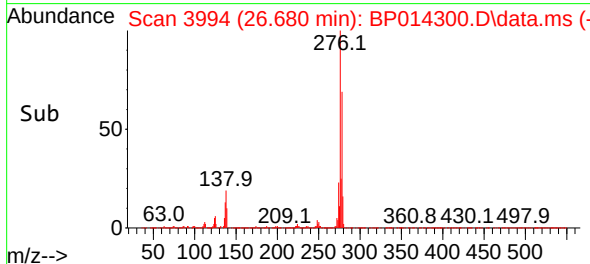
Instrument :
BNA_P
ClientSampleId :
PB151516BS



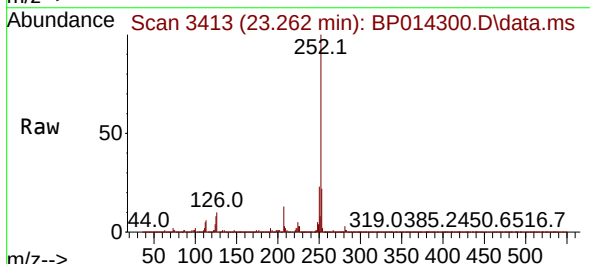
Tgt Ion:276 Resp: 233362
Ion Ratio Lower Upper
276 100
138 19.7 13.8 20.8
277 25.6 20.4 30.6

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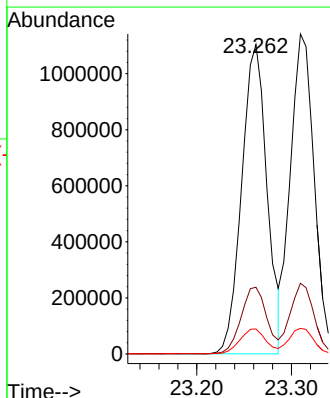
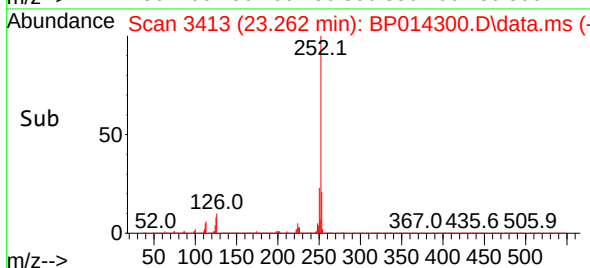
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

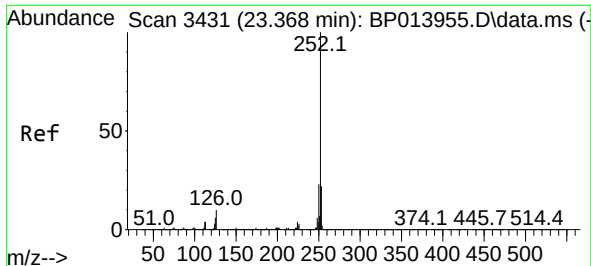


#88
Benzo(b)fluoranthene
Concen: 50.495 ng
RT: 23.262 min Scan# 3413
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49



Tgt Ion:252 Resp: 2051511
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.1 5.6 8.4





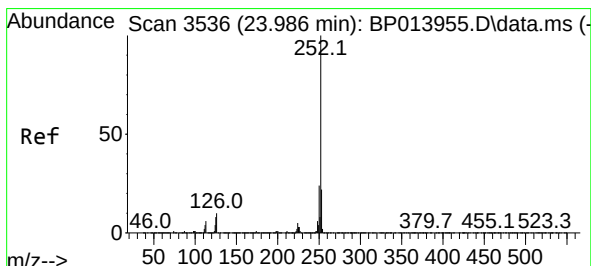
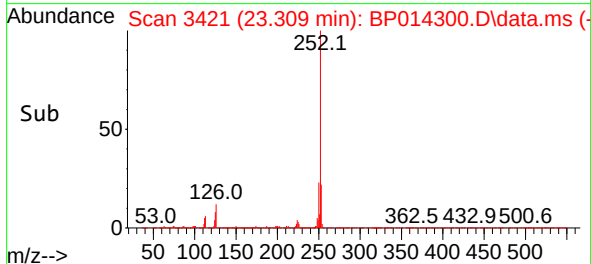
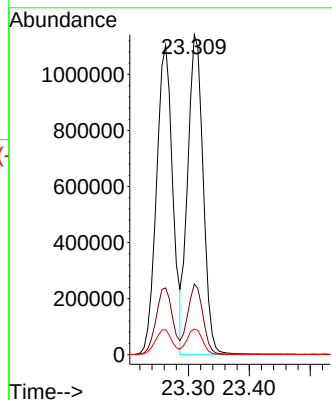
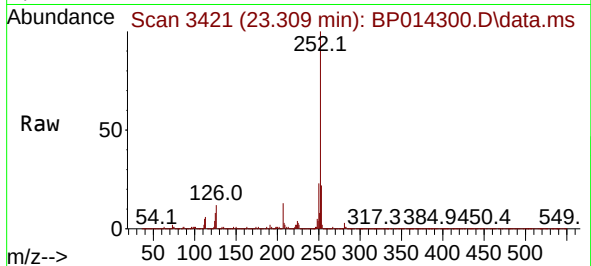
#89
Benzo(k)fluoranthene
Concen: 49.576 ng
RT: 23.309 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Instrument :
BNA_P
ClientSampleId :
PB151516BS

Tgt Ion:252 Resp: 1997015
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.0 5.4 8.0

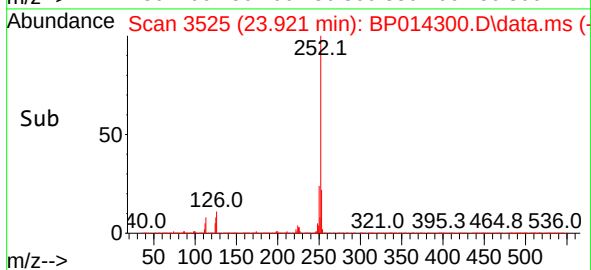
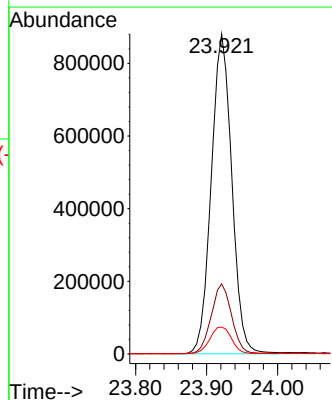
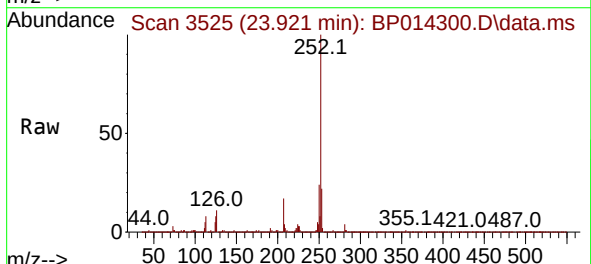
Manual Integrations
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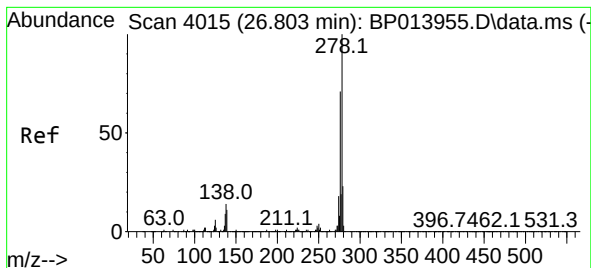
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#90
Benzo(a)pyrene
Concen: 45.527 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP014300.D
Acq: 24 Mar 2023 21:49

Tgt Ion:252 Resp: 1764279
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.4 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 48.843 ng

RT: 26.698 min Scan# 3997

Delta R.T. -0.000 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Instrument :

BNA_P

ClientSampleId :

PB151516BS

Tgt Ion:278 Resp: 194668

Ion Ratio Lower Upper

278 100

139 12.6 8.7 13.1

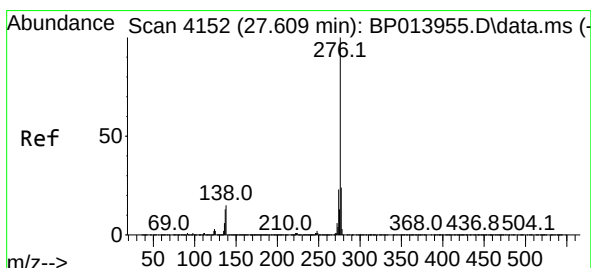
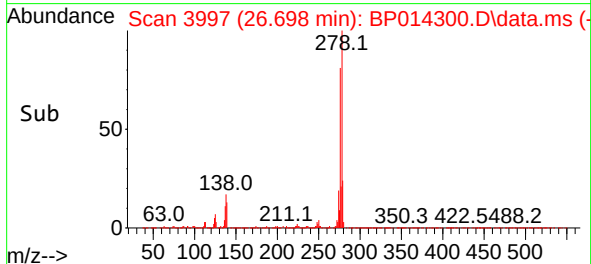
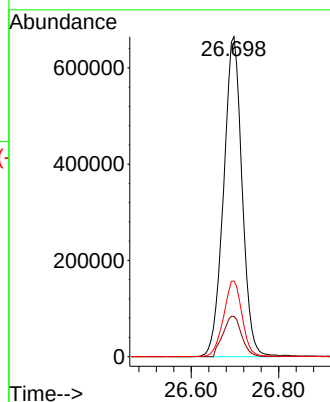
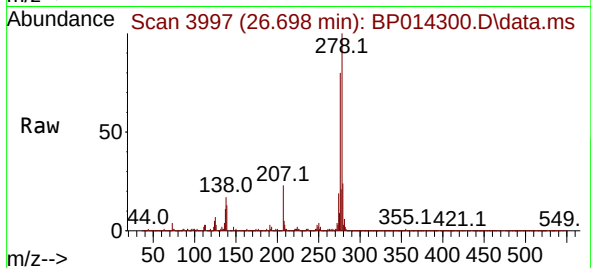
279 23.7 18.8 28.2

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: 48.497 ng

RT: 27.497 min Scan# 4133

Delta R.T. -0.006 min

Lab File: BP014300.D

Acq: 24 Mar 2023 21:49

Tgt Ion:276 Resp: 1915535

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 17.1 12.2 18.4

