

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014124.D
 Acq On : 17 Mar 2023 17:00
 Operator : CG/JU
 Sample : 01944-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-1MS

Quant Time: Mar 18 00:25:06 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 18 00:19:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	123061	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	444011	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	257183	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	547431	20.000	ng	0.00
76) Chrysene-d12	21.551	240	611460	20.000	ng	0.00
86) Perylene-d12	24.086	264	809830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	773125	101.885	ng	0.00
7) Phenol-d6	7.222	99	989509	99.321	ng	0.00
23) Nitrobenzene-d5	9.240	82	650001	66.910	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	428560	102.776	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1294133	65.193	ng	0.00
79) Terphenyl-d14	20.004	244	1991583	53.708	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	130729	39.657	ng	96
3) Pyridine	3.875	79	335489	36.646	ng	99
4) n-Nitrosodimethylamine	3.781	42	168783	41.535	ng	98
6) Aniline	7.387	93	430950	32.930	ng	99
8) 2-Chlorophenol	7.622	128	364810	44.887	ng	97
9) Benzaldehyde	7.199	77	319538m	64.093	ng	
10) Phenol	7.252	94	463962	44.746	ng	99
11) bis(2-Chloroethyl)ether	7.481	93	363541	44.281	ng	98
12) 1,3-Dichlorobenzene	7.952	146	426028	47.702	ng	99
13) 1,4-Dichlorobenzene	8.099	146	433293	47.956	ng	99
14) 1,2-Dichlorobenzene	8.416	146	409171	47.282	ng	100
15) Benzyl Alcohol	8.310	79	353469m	43.516	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	425569m	47.613	ng	
17) 2-Methylphenol	8.510	107	306260	41.415	ng	98
18) Hexachloroethane	9.152	117	166196	48.965	ng	98
19) n-Nitroso-di-n-propyla...	8.875	70	281857	42.982	ng	97
20) 3+4-Methylphenols	8.840	107	404769	40.643	ng	99
22) Acetophenone	8.893	105	565777	45.428	ng	99
24) Nitrobenzene	9.281	77	432630	43.525	ng	99
25) Isophorone	9.805	82	740611	41.375	ng	98
26) 2-Nitrophenol	9.993	139	194909	45.081	ng	98
27) 2,4-Dimethylphenol	10.052	122	312709	44.482	ng	98
28) bis(2-Chloroethoxy)met...	10.287	93	447218	43.167	ng	99
29) 2,4-Dichlorophenol	10.534	162	335774	43.633	ng	99
30) 1,2,4-Trichlorobenzene	10.746	180	396882	45.427	ng	99
31) Naphthalene	10.940	128	1068144	43.780	ng	99
32) Benzoic acid	10.193	122	222751	38.784	ng	92
33) 4-Chloroaniline	11.057	127	125943	12.042	ng	98
34) Hexachlorobutadiene	11.216	225	280440	44.150	ng	98
35) Caprolactam	11.851	113	97351	44.195	ng	95
36) 4-Chloro-3-methylphenol	12.169	107	361817	42.157	ng	97
37) 2-Methylnaphthalene	12.540	142	721061	40.060	ng	99
38) 1-Methylnaphthalene	12.757	142	671288	40.009	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	456889	46.607	ng	99
41) Hexachlorocyclopentadiene	12.875	237	596700	96.990	ng	100
43) 2,4,6-Trichlorophenol	13.146	196	275037	44.386	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	294303	40.987	ng	99
46) 1,1'-Biphenyl	13.540	154	949916	45.887	ng	99
47) 2-Chloronaphthalene	13.587	162	738589	46.347	ng	99
48) 2-Nitroaniline	13.793	65	225123	46.548	ng	99
49) Acenaphthylene	14.428	152	1110285	43.810	ng	100
50) Dimethylphthalate	14.157	163	890089	41.951	ng	100
51) 2,6-Dinitrotoluene	14.281	165	195178	43.683	ng	98
52) Acenaphthene	14.769	154	673885	44.173	ng	99
53) 3-Nitroaniline	14.616	138	135156	30.866	ng	93
54) 2,4-Dinitrophenol	14.822	184	258559	78.121	ng	96
55) Dibenzofuran	15.104	168	1085743	43.655	ng	98
56) 4-Nitrophenol	14.928	139	338097	94.819	ng	89
57) 2,4-Dinitrotoluene	15.069	165	265969	44.531	ng	# 97
58) Fluorene	15.757	166	860091	43.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	272356	43.479	ng	98
60) Diethylphthalate	15.516	149	886335	42.310	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	463404	41.394	ng	100
62) 4-Nitroaniline	15.781	138	193736	44.434	ng	94
63) Azobenzene	16.039	77	938583	48.419	ng	97
65) 4,6-Dinitro-2-methylph...	15.834	198	167769	41.376	ng	99
66) n-Nitrosodiphenylamine	15.963	169	736940	42.602	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	298406	41.210	ng	98
68) Hexachlorobenzene	16.763	284	349232	44.995	ng	98
69) Atrazine	16.916	200	285774	47.054	ng	99
70) Pentachlorophenol	17.110	266	464015	82.894	ng	99
71) Phenanthrene	17.504	178	1398554	45.731	ng	99
72) Anthracene	17.598	178	1370766	43.867	ng	99
73) Carbazole	17.869	167	1244718	46.178	ng	99
74) Di-n-butylphthalate	18.398	149	1501535	44.554	ng	99
75) Fluoranthene	19.463	202	1764909	48.283	ng	99
77) Benzidine	19.645	184	764794	61.921	ng	100
78) Pyrene	19.816	202	1811704	38.603	ng	100
80) Butylbenzylphthalate	20.675	149	727379	40.881	ng	97
81) Benzo(a)anthracene	21.533	228	1953405	43.540	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	596184	41.529	ng	99
83) Chrysene	21.586	228	1852992	43.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1074856	41.179	ng	99
85) Di-n-octyl phthalate	22.398	149	1991324	46.997	ng	99
87) Indeno(1,2,3-cd)pyrene	26.762	276	2935530	46.914	ng	100
88) Benzo(b)fluoranthene	23.304	252	2355155	44.413	ng	99
89) Benzo(k)fluoranthene	23.357	252	2221943	42.261	ng	99
90) Benzo(a)pyrene	23.974	252	2084208	41.206	ng	100
91) Dibenzo(a,h)anthracene	26.780	278	2443387	46.970	ng	99
92) Benzo(g,h,i)perylene	27.592	276	2391093	46.381	ng	99

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

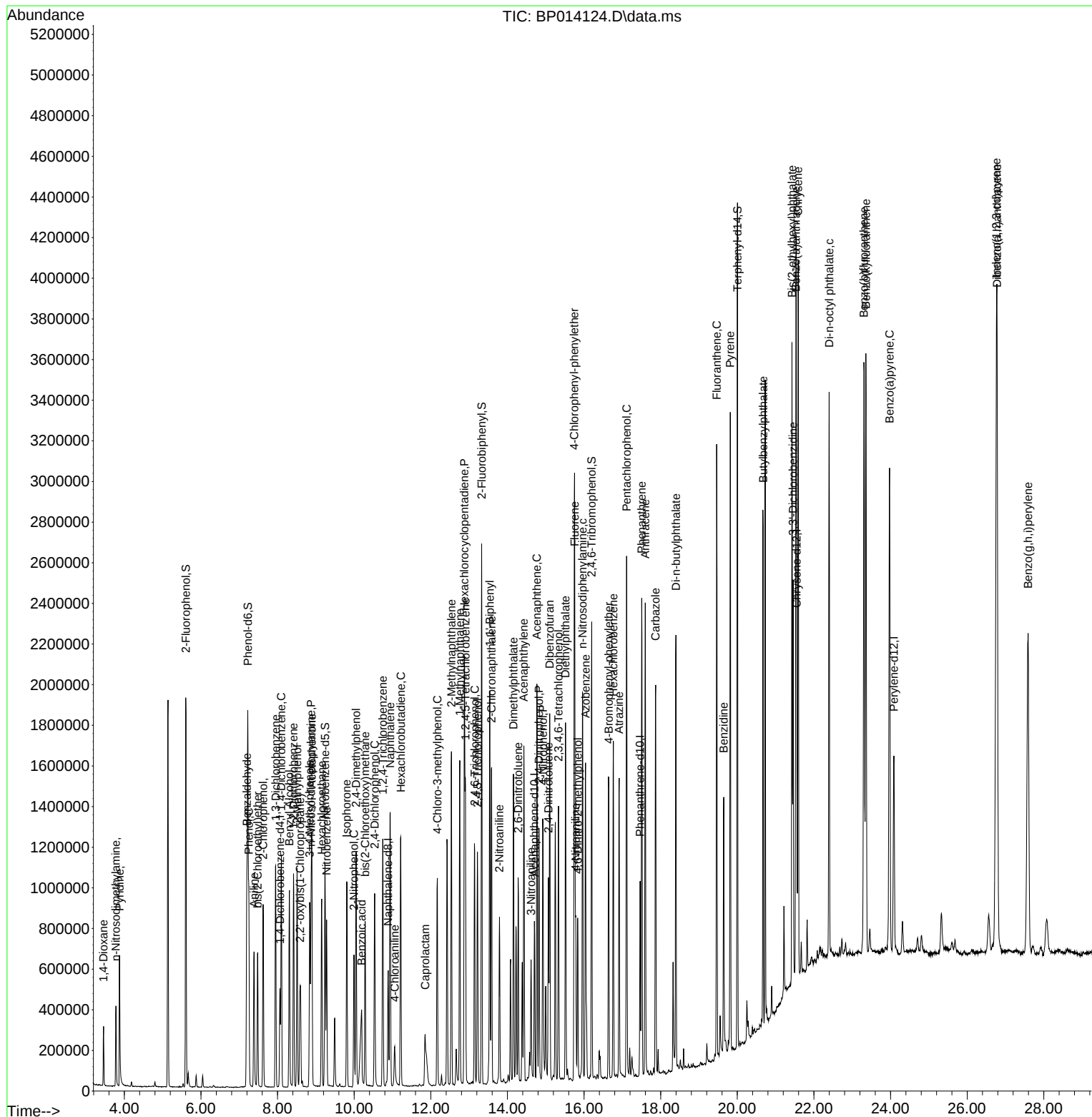
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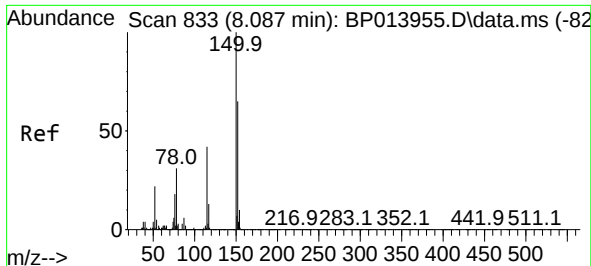
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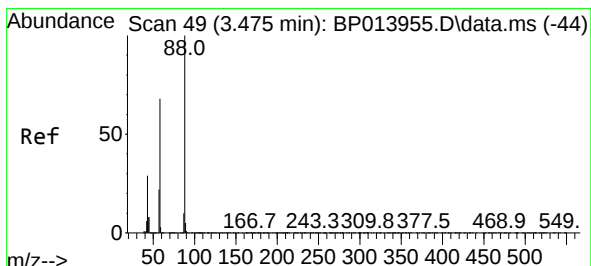
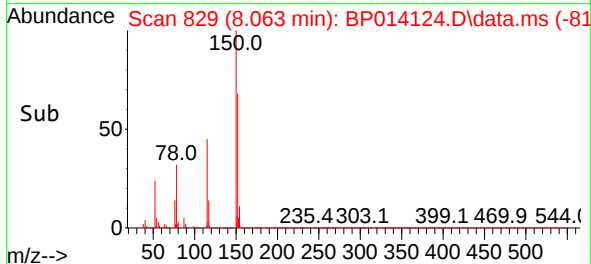
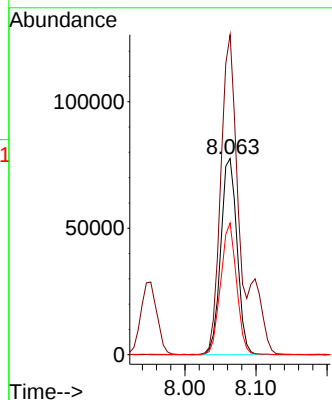
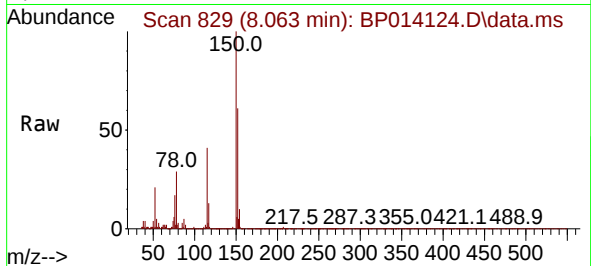
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:152 Resp: 12306
Ion Ratio Lower Upper
152 100
150 163.1 122.3 183.5
115 67.1 51.6 77.4

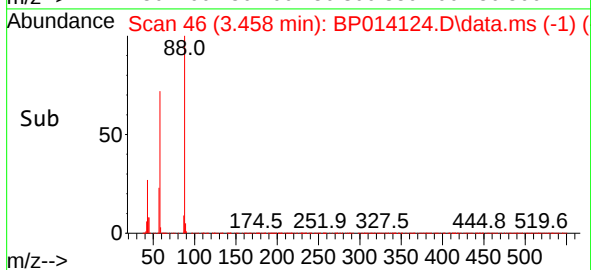
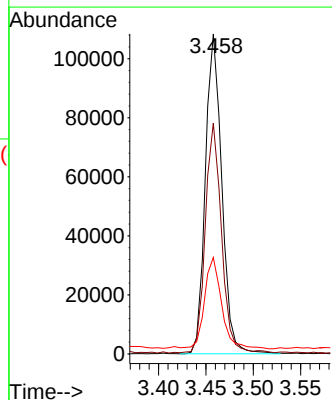
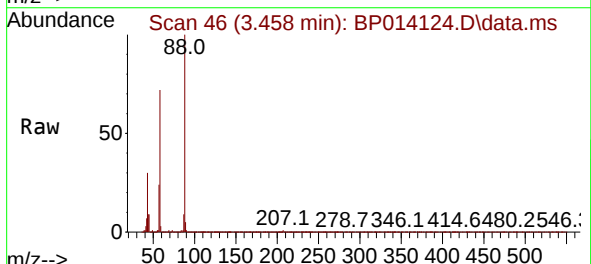
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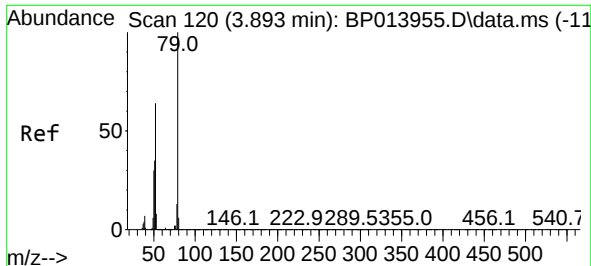
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#2
1,4-Dioxane
Concen: 39.657 ng
RT: 3.458 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 88 Resp: 130729
Ion Ratio Lower Upper
88 100
58 70.4 53.8 80.8
43 29.8 22.1 33.1





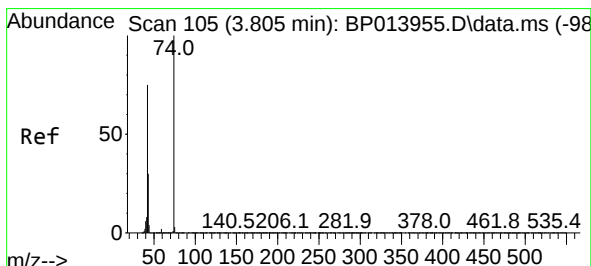
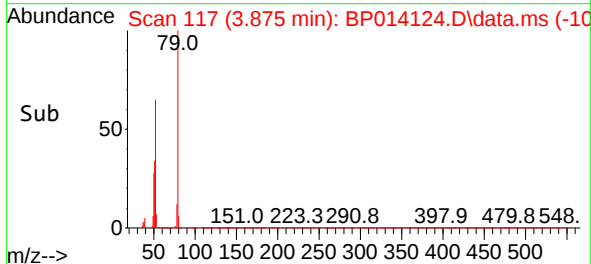
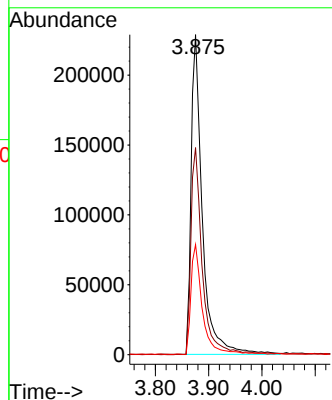
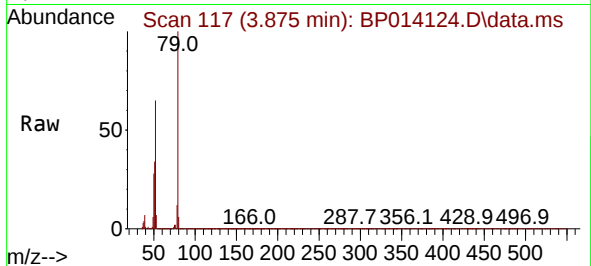
#3
Pyridine
Concen: 36.646 ng
RT: 3.875 min Scan# 117
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion: 79 Resp: 335489
Ion Ratio Lower Upper
79 100
52 64.7 51.0 76.4
51 34.4 28.2 42.2

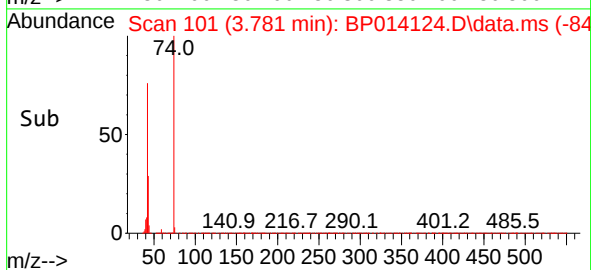
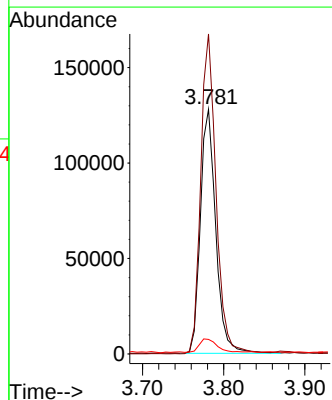
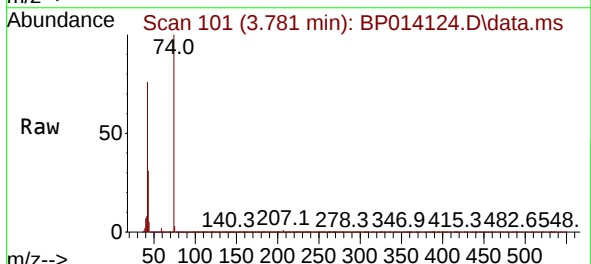
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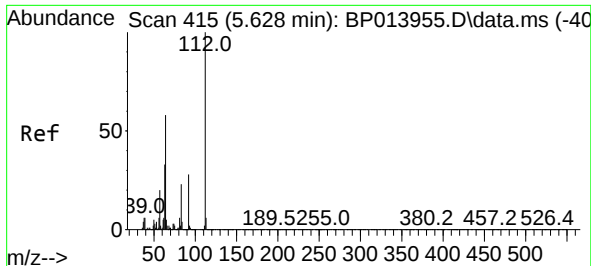
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Supervised By :Jagrut Upadhyay 03/20/2023



#4
n-Nitrosodimethylamine
Concen: 41.535 ng
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 42 Resp: 168783
Ion Ratio Lower Upper
42 100
74 130.8 107.0 160.6
44 5.9 4.5 6.7





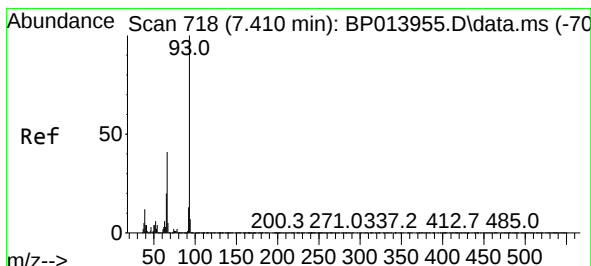
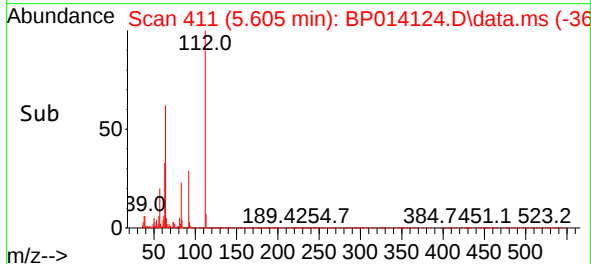
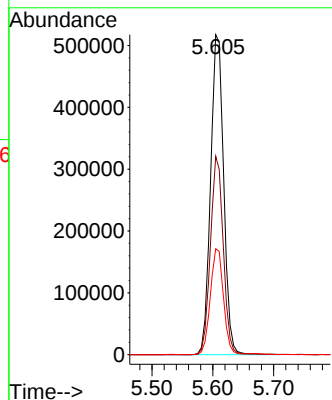
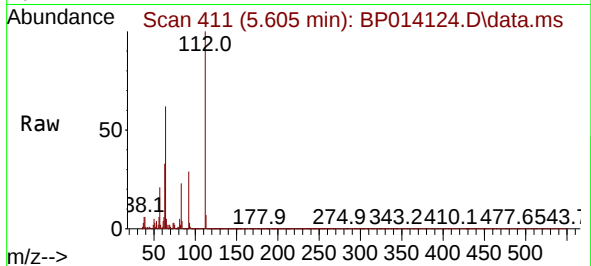
#5
2-Fluorophenol
Concen: 101.885 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014124.D
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Instrument :
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ClientSampleId :
MC-1MS

Tgt Ion:112 Resp: 77312
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 33.1 26.6 40.0

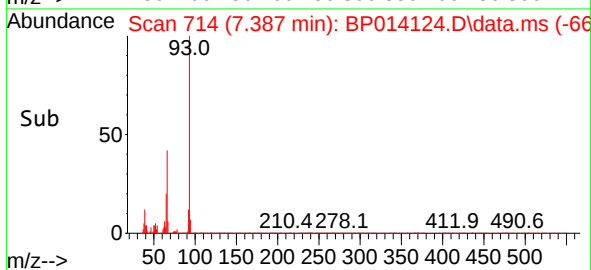
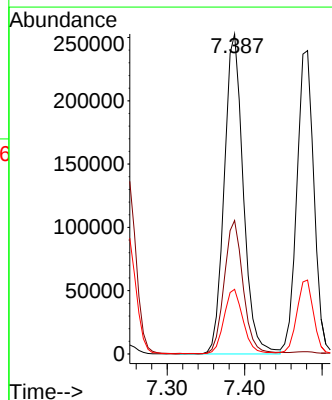
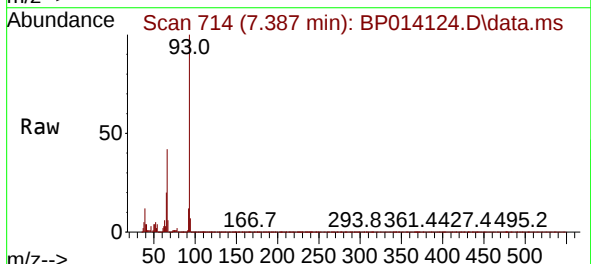
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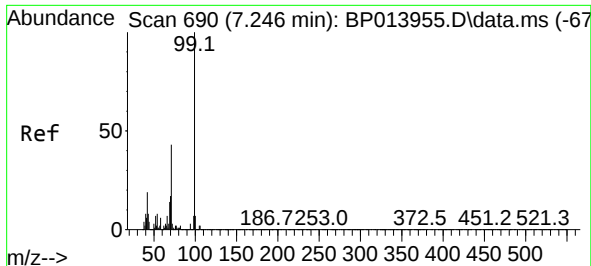
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#6
Aniline
Concen: 32.930 ng
RT: 7.387 min Scan# 714
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

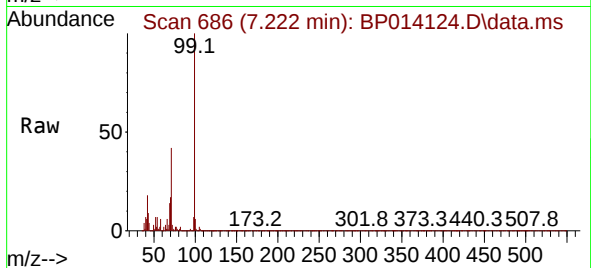
Tgt Ion: 93 Resp: 430950
Ion Ratio Lower Upper
93 100
66 41.7 32.6 48.8
65 20.2 16.0 24.0





#7
Phenol-d6
Concen: 99.321 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014124.D
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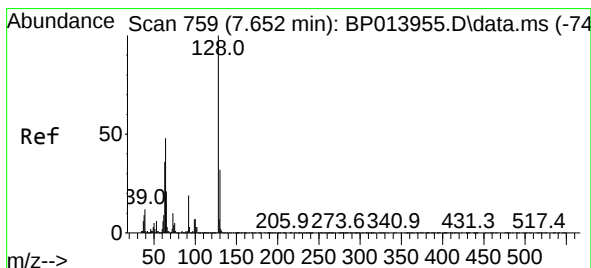
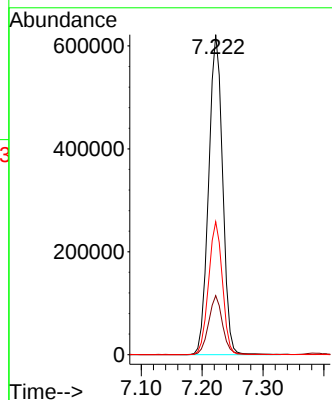
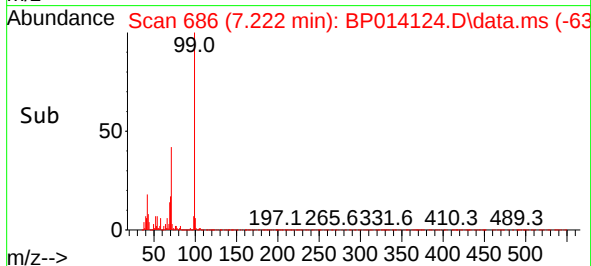
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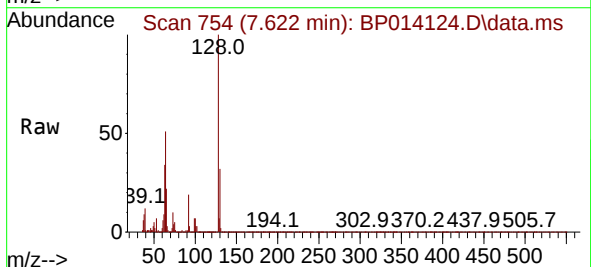
Tgt Ion: 99 Resp: 989509
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 41.6 34.3 51.5

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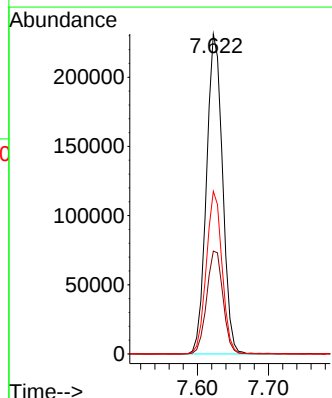
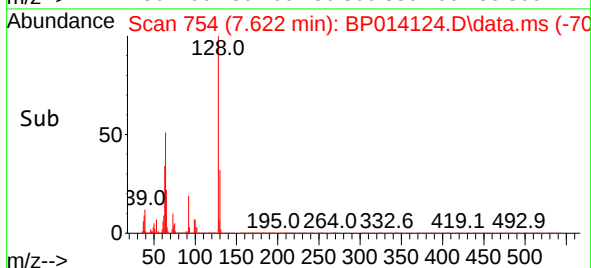
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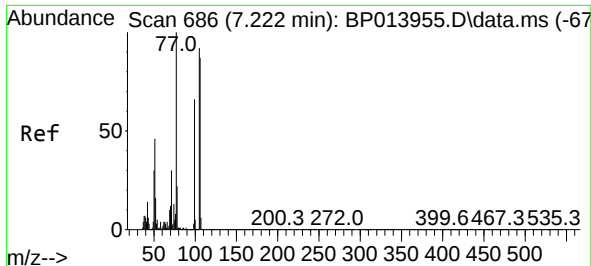


#8
2-Chlorophenol
Concen: 44.887 ng
RT: 7.622 min Scan# 754
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00



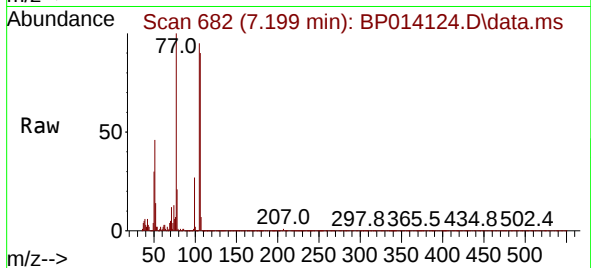
Tgt Ion:128 Resp: 364810
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 50.8 27.6 67.6





#9
Benzaldehyde
Concen: 64.093 ng m
RT: 7.199 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014124.D
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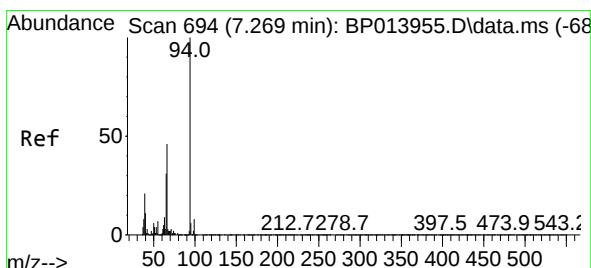
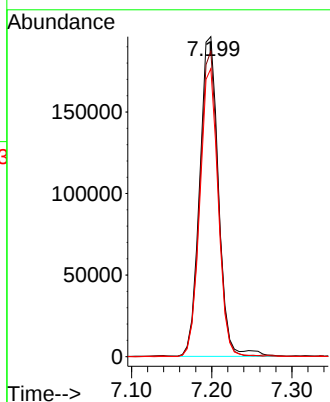
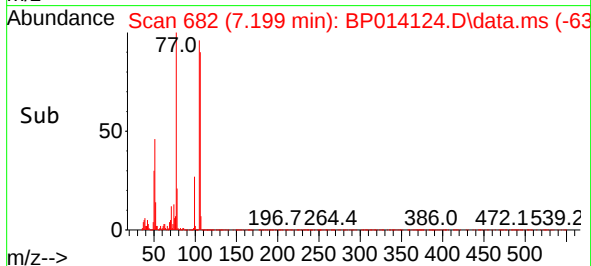
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Tgt Ion: 77 Resp: 319538
Ion Ratio Lower Upper
77 100
105 95.5 72.4 112.4
106 90.0 66.9 106.9

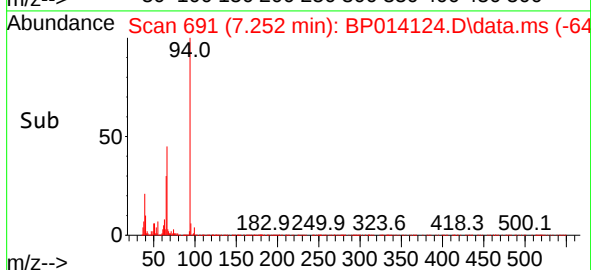
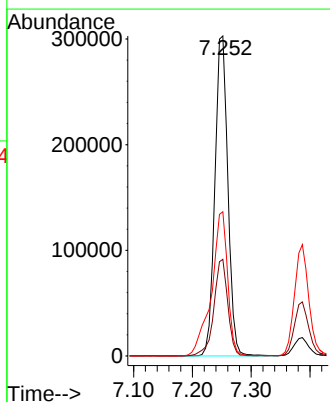
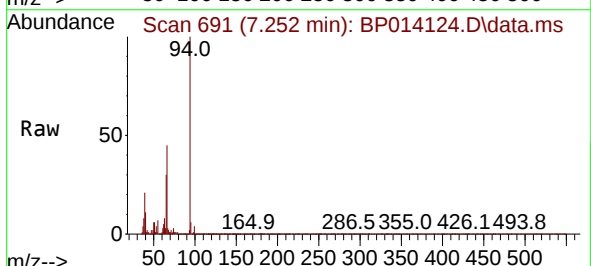
Manual Integrations
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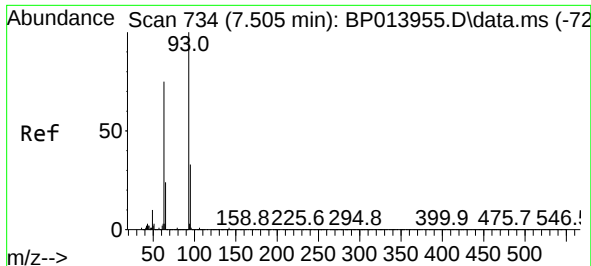
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#10
Phenol
Concen: 44.746 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

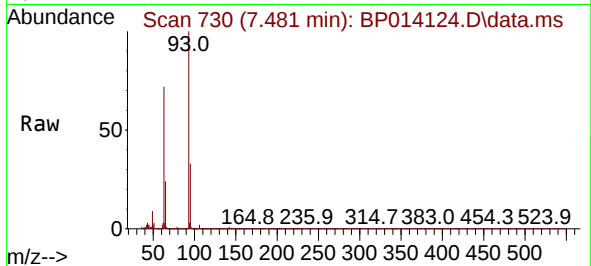
Tgt Ion: 94 Resp: 463962
Ion Ratio Lower Upper
94 100
65 30.2 10.9 50.9
66 45.0 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 44.281 ng
RT: 7.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

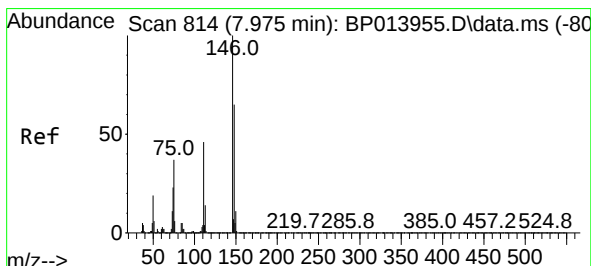
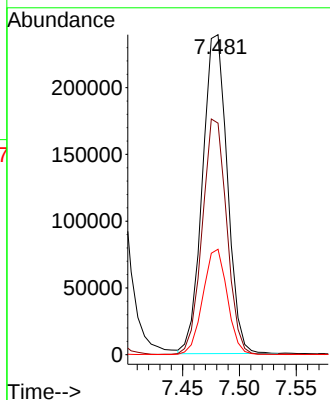
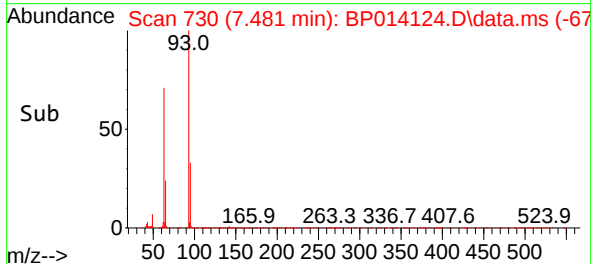
Instrument :
BNA_P
ClientSampleId :
MC-1MS



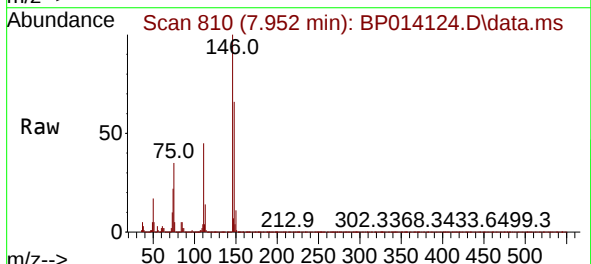
Tgt Ion: 93 Resp: 36354
Ion Ratio Lower Upper
93 100
63 72.4 54.2 94.2
95 33.0 12.7 52.7

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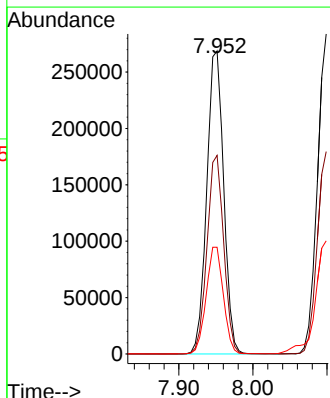
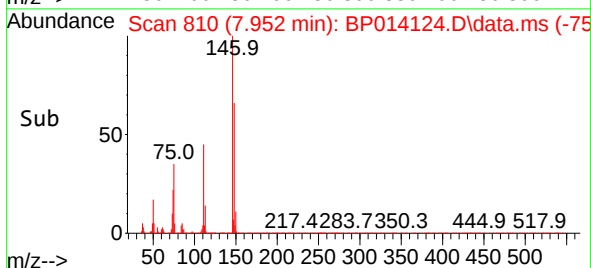
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

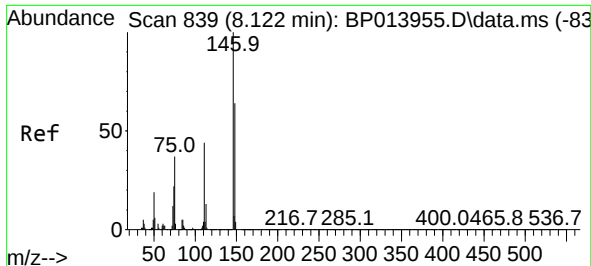


#12
1,3-Dichlorobenzene
Concen: 47.702 ng
RT: 7.952 min Scan# 810
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00



Tgt Ion:146 Resp: 426028
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
75 35.2 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 47.956 ng

RT: 8.099 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

Tgt Ion:146 Resp: 43329

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

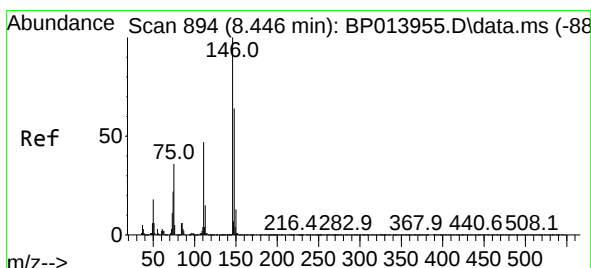
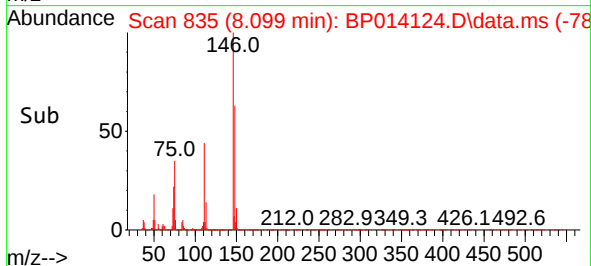
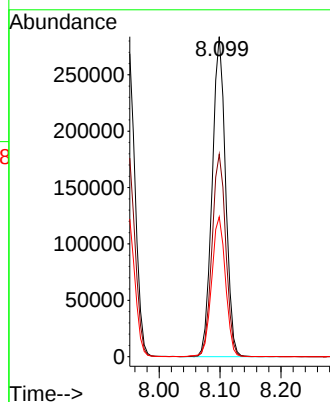
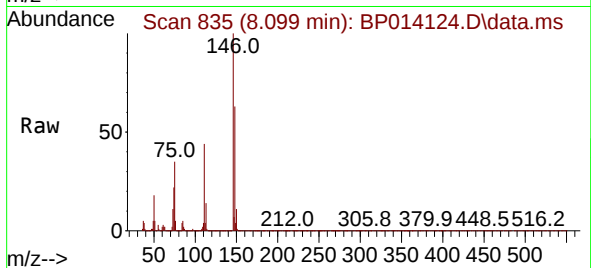
111 43.7 35.1 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#14

1,2-Dichlorobenzene

Concen: 47.282 ng

RT: 8.416 min Scan# 889

Delta R.T. -0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

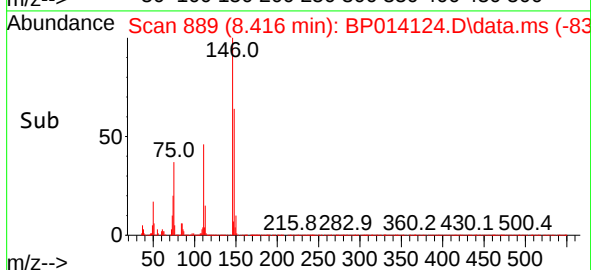
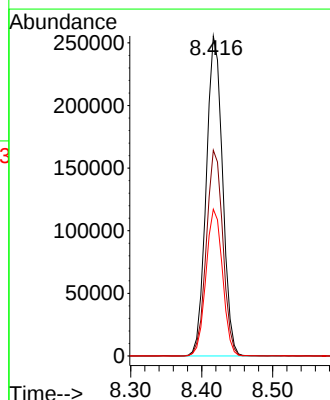
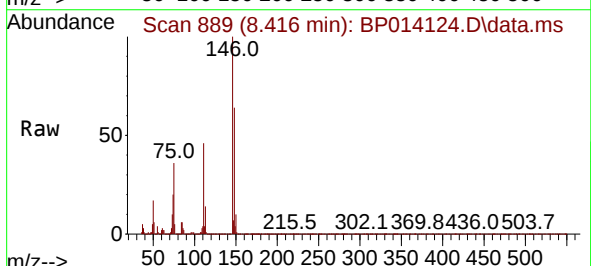
Tgt Ion:146 Resp: 409171

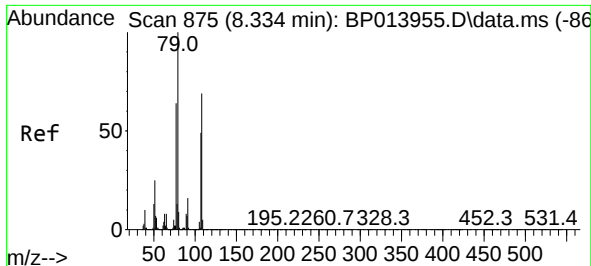
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

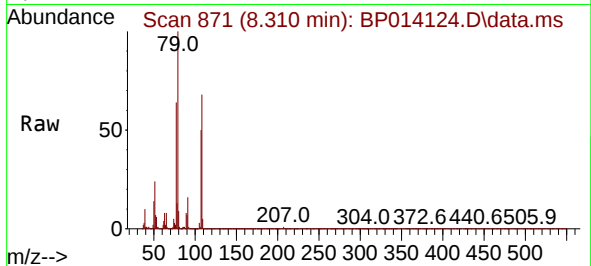
111 45.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.516 ng m
RT: 8.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

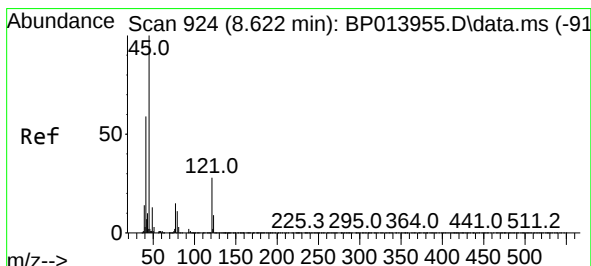
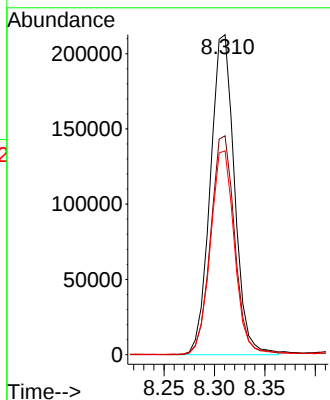
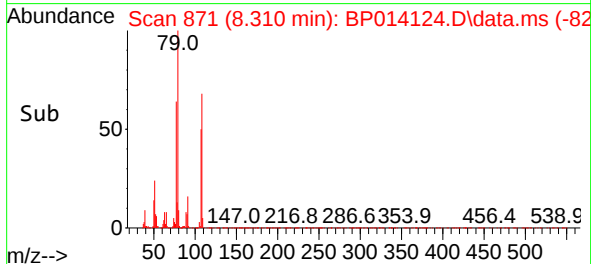
Instrument :
BNA_P
ClientSampleId :
MC-1MS



Tgt Ion: 79 Resp: 353469
Ion Ratio Lower Upper
79 100
108 68.4 54.9 82.3
77 63.7 51.4 77.0

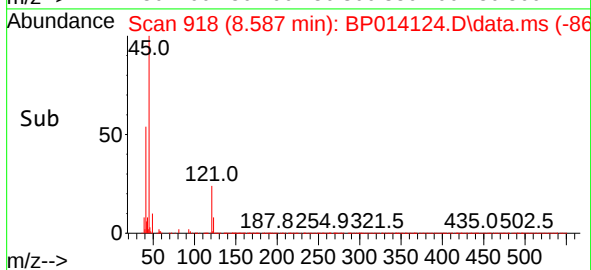
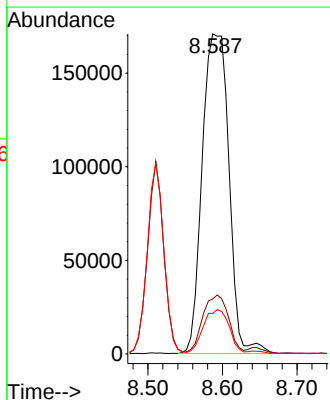
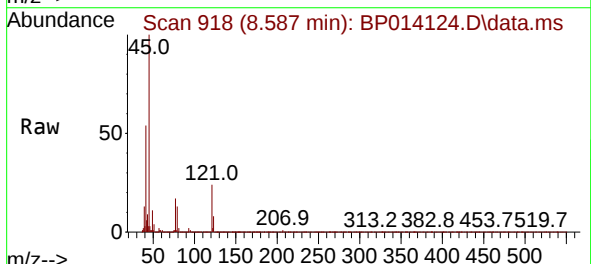
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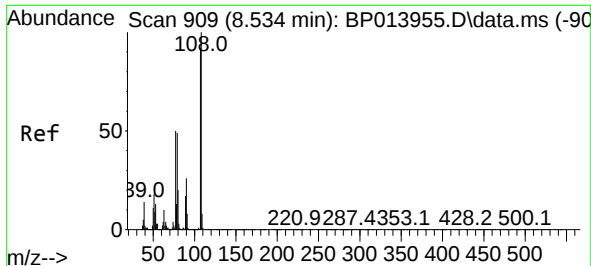
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.613 ng m
RT: 8.587 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 45 Resp: 425569
Ion Ratio Lower Upper
45 100
77 17.2 0.0 38.7
79 12.7 0.0 34.4





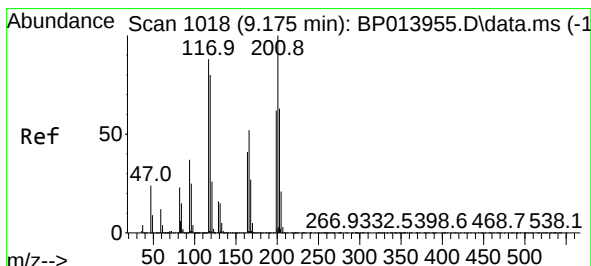
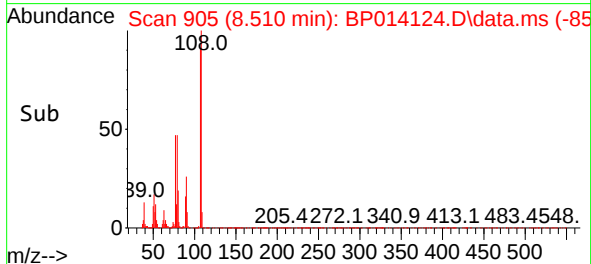
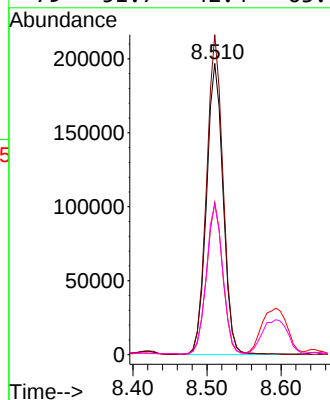
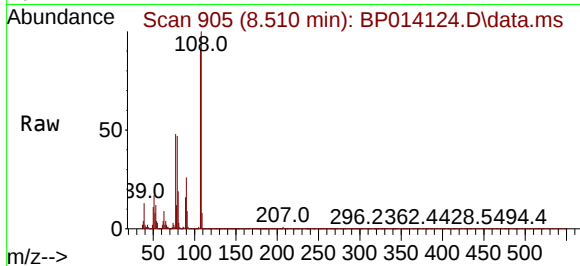
#17
2-Methylphenol
Concen: 41.415 ng
RT: 8.510 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:107 Resp: 306260
Ion Ratio Lower Upper
107 100
108 109.9 87.0 130.4
77 52.3 44.0 66.0
79 51.7 42.4 63.6

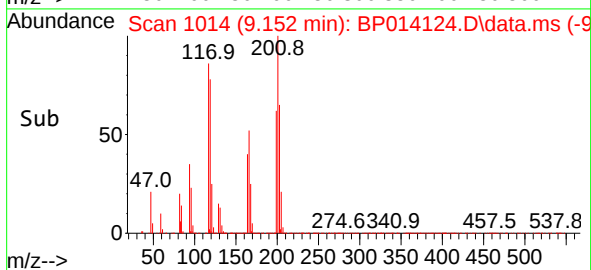
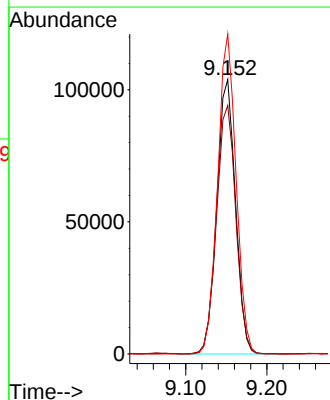
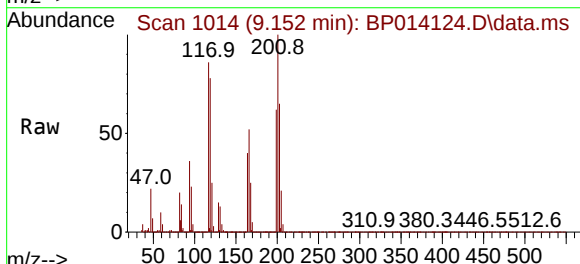
Manual Integrations
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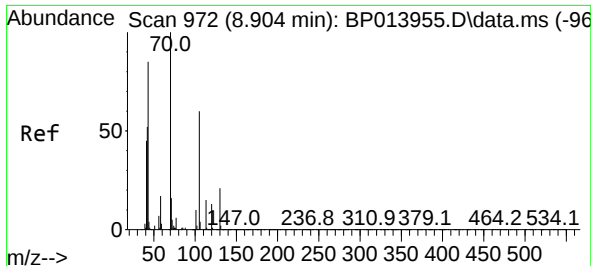
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#18
Hexachloroethane
Concen: 48.965 ng
RT: 9.152 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:117 Resp: 166196
Ion Ratio Lower Upper
117 100
119 90.6 73.3 109.9
201 116.6 91.1 136.7





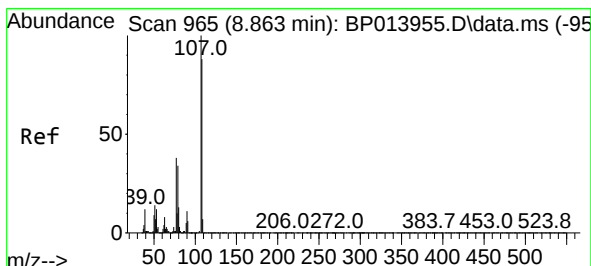
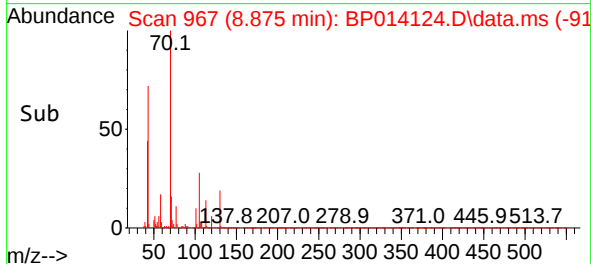
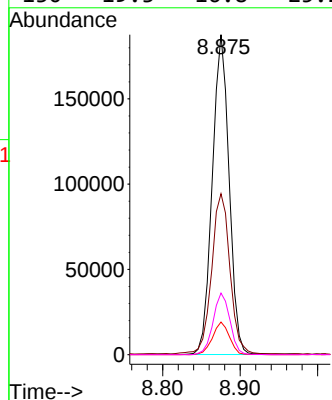
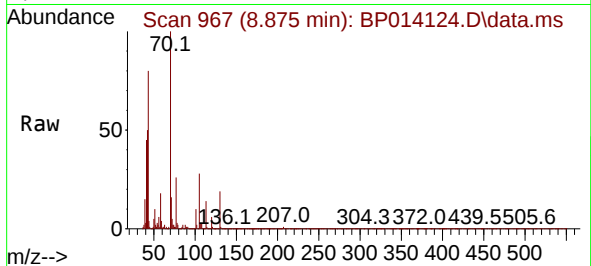
#19
n-Nitroso-di-n-propylamine
Concen: 42.982 ng
RT: 8.875 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:	70	Resp:	28185
Ion	Ratio	Lower	Upper
70	100		
42	50.3	42.4	63.6
101	10.2	8.2	12.4
130	19.3	16.8	25.2

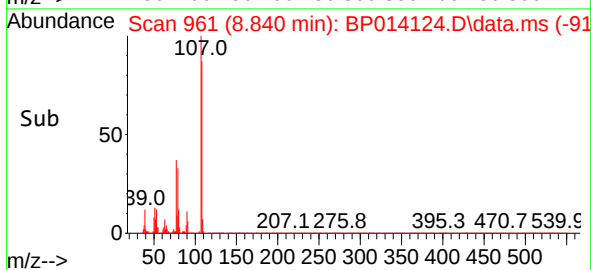
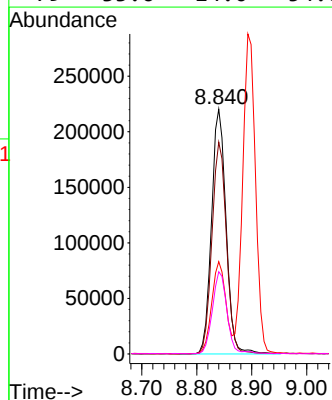
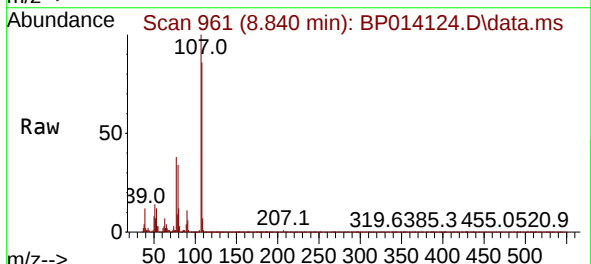
Manual Integrations
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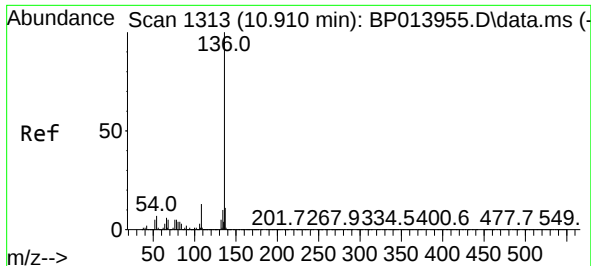
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#20
3+4-Methylphenols
Concen: 40.643 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

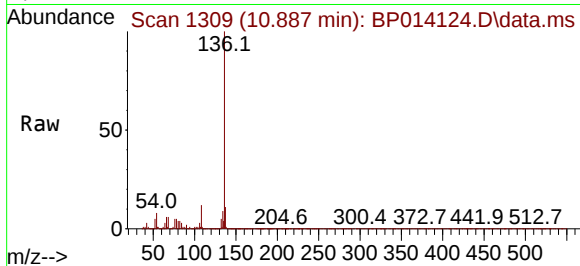
Tgt Ion:	107	Resp:	404769
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	37.7	18.1	58.1
79	33.6	14.0	54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

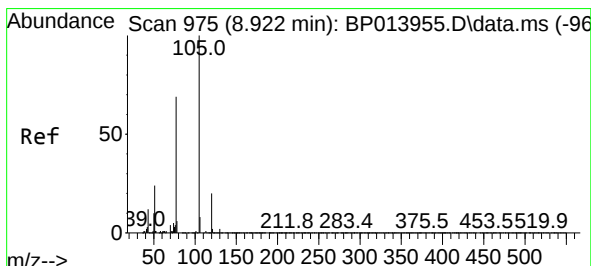
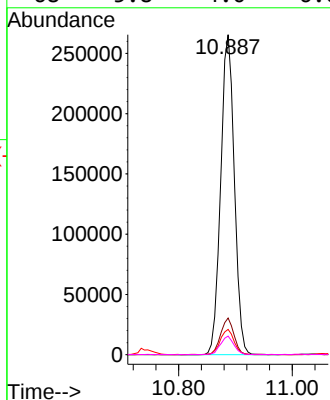
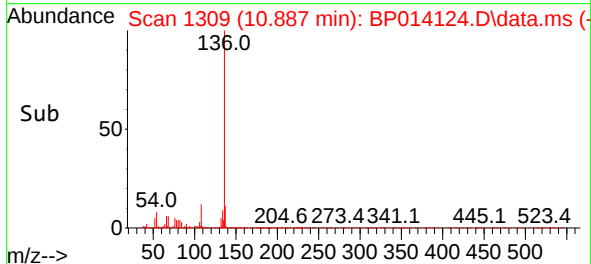
Instrument :
BNA_P
ClientSampleId :
MC-1MS



Tgt Ion:136 Resp: 444011
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.9 5.8 8.8
68 5.8 4.0 6.0

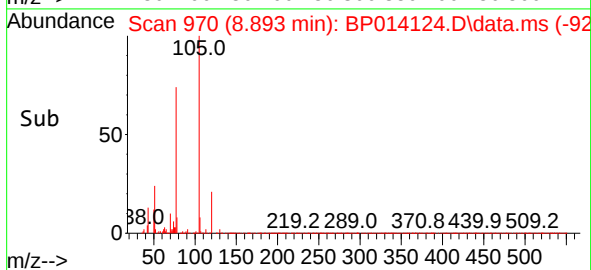
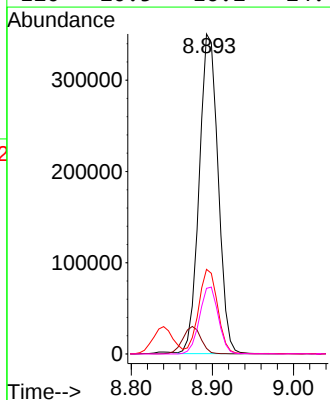
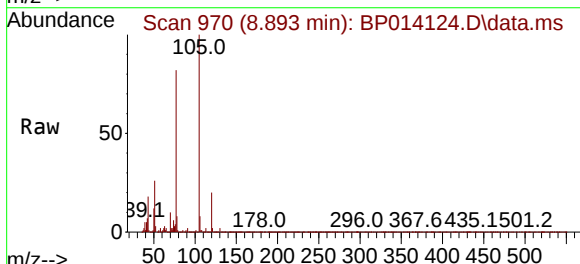
Manual Integrations
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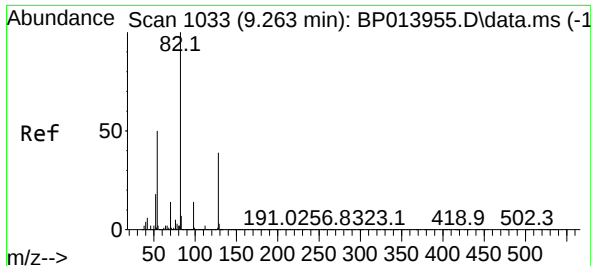
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#22
Acetophenone
Concen: 45.428 ng
RT: 8.893 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:105 Resp: 565777
Ion Ratio Lower Upper
105 100
71 1.7 1.4 2.0
51 26.4 21.5 32.3
120 20.5 16.2 24.4





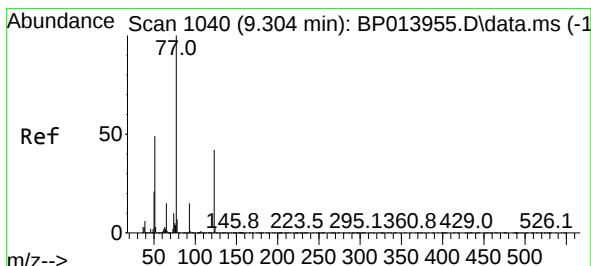
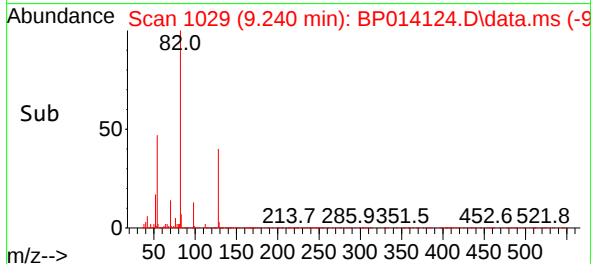
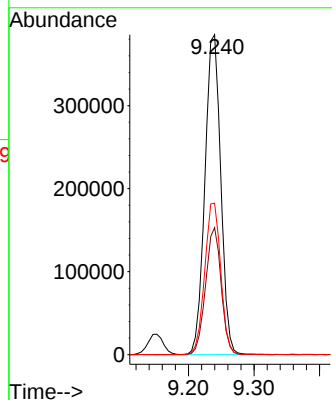
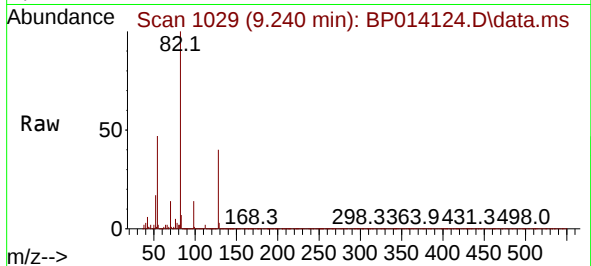
#23
Nitrobenzene-d5
Concen: 66.910 ng
RT: 9.240 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion: 82 Resp: 65000
Ion Ratio Lower Upper
82 100
128 39.7 31.1 46.7
54 47.4 40.0 60.0

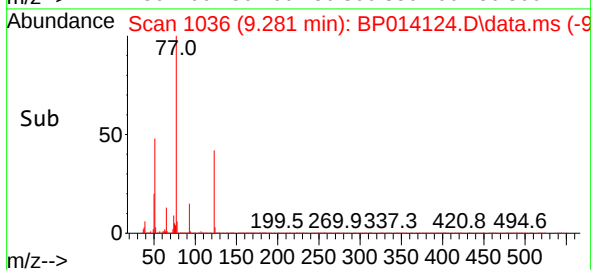
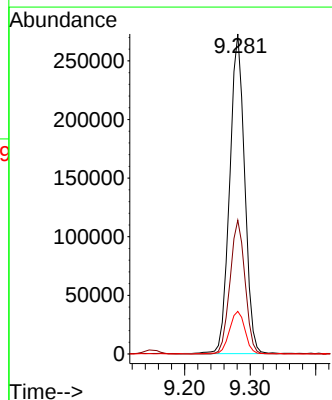
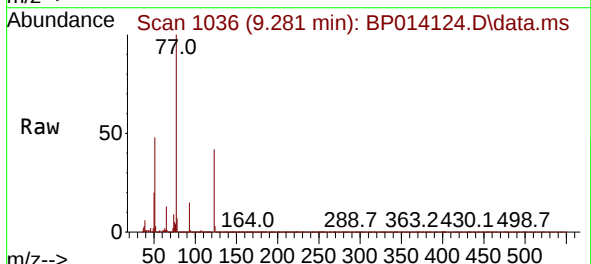
Manual Integrations
APPROVED

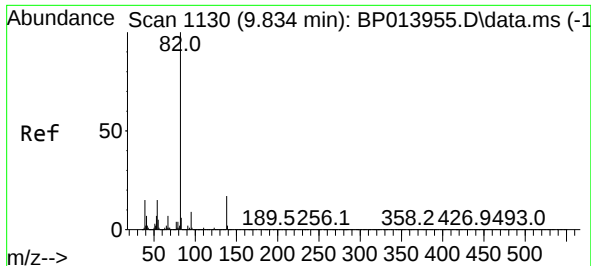
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#24
Nitrobenzene
Concen: 43.525 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 77 Resp: 432630
Ion Ratio Lower Upper
77 100
123 41.8 33.6 50.4
65 13.3 11.6 17.4





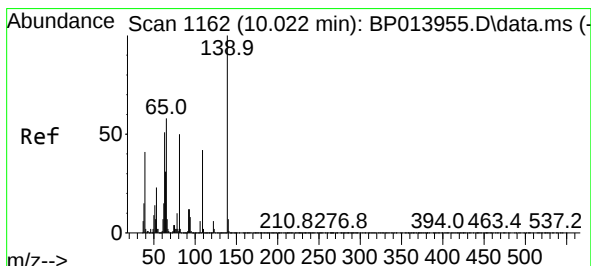
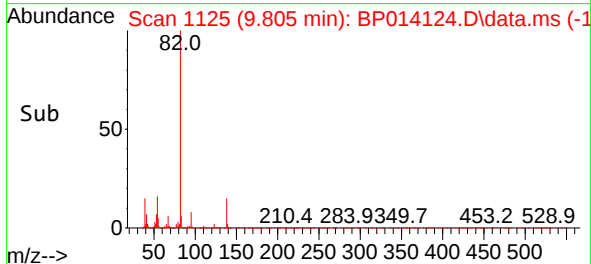
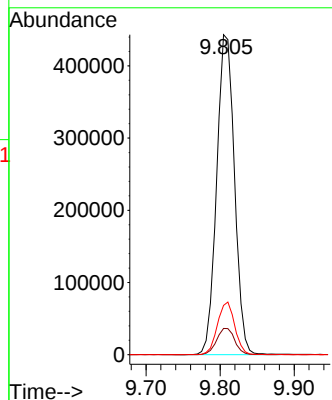
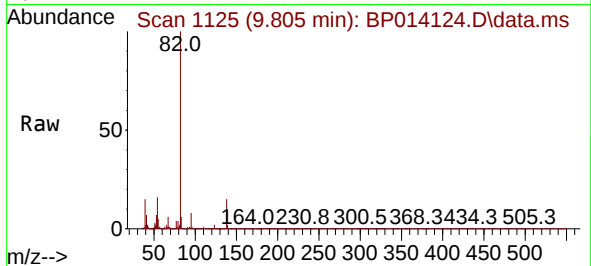
#25
Isophorone
Concen: 41.375 ng
RT: 9.805 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion: 82 Resp: 74061
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 15.4 13.3 19.9

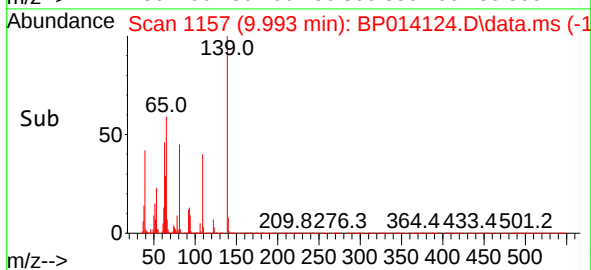
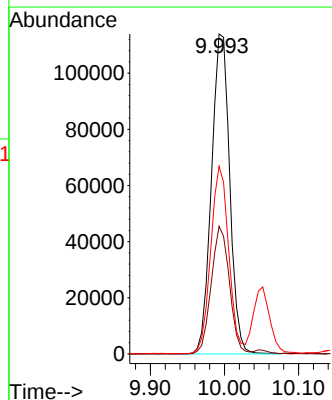
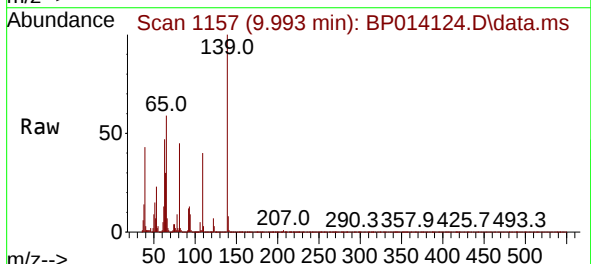
Manual Integrations
APPROVED

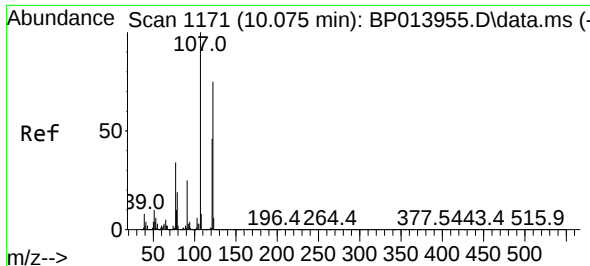
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#26
2-Nitrophenol
Concen: 45.081 ng
RT: 9.993 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

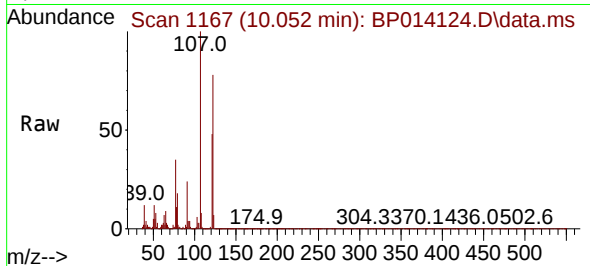
Tgt Ion:139 Resp: 194909
Ion Ratio Lower Upper
139 100
109 39.9 33.8 50.8
65 58.6 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 44.482 ng
RT: 10.052 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

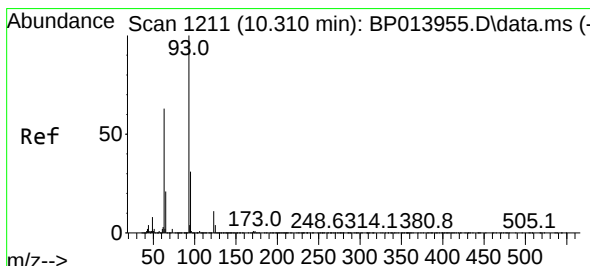
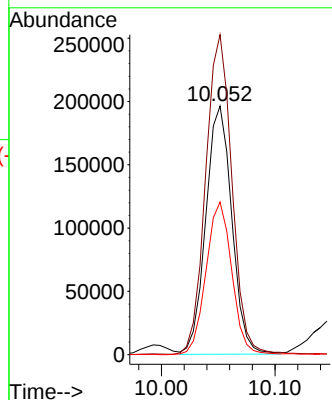
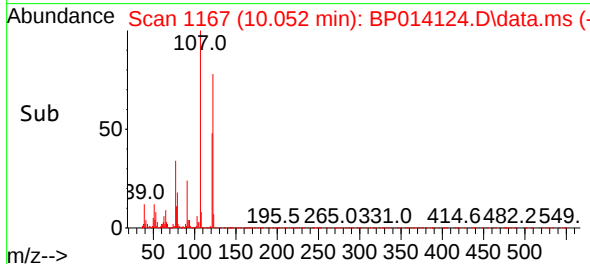
Instrument :
BNA_P
ClientSampleId :
MC-1MS



Tgt Ion:122 Resp: 312709
Ion Ratio Lower Upper
122 100
107 128.7 105.9 158.9
121 61.4 49.0 73.4

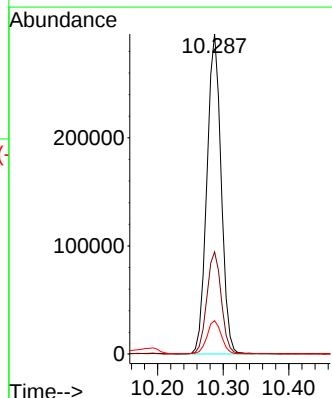
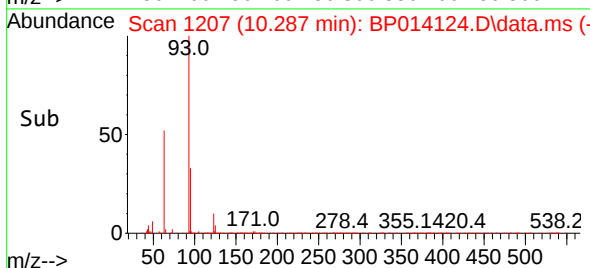
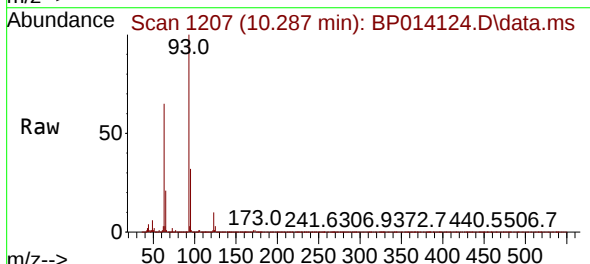
Manual Integrations
APPROVED

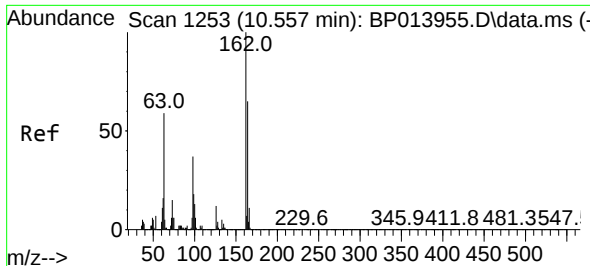
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.167 ng
RT: 10.287 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 93 Resp: 447218
Ion Ratio Lower Upper
93 100
95 31.9 25.0 37.6
123 10.4 8.6 12.8





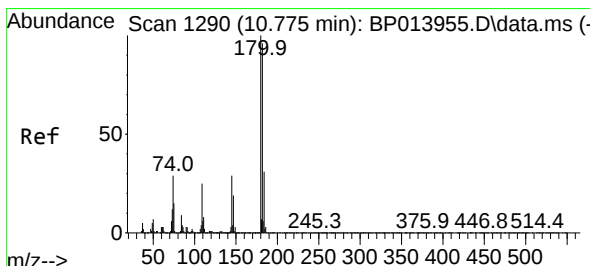
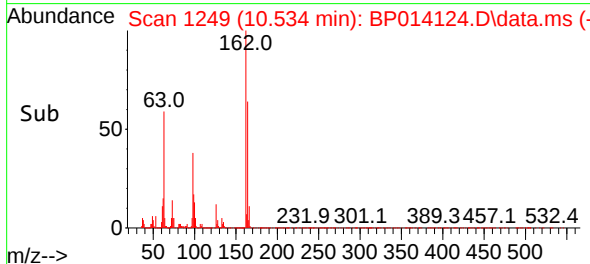
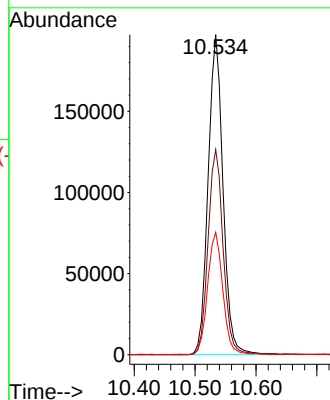
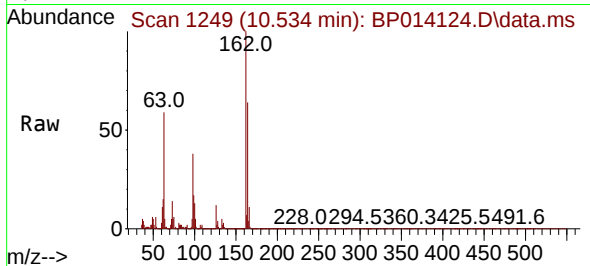
#29
2,4-Dichlorophenol
Concen: 43.633 ng
RT: 10.534 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:162 Resp: 335774
Ion Ratio Lower Upper
162 100
164 64.1 44.7 84.7
98 38.2 17.0 57.0

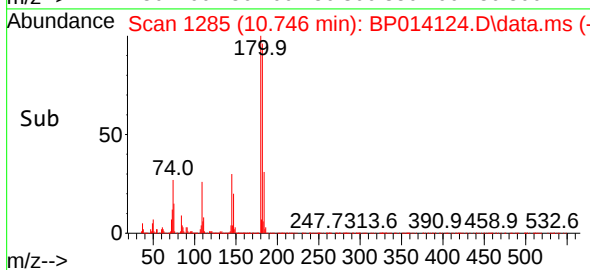
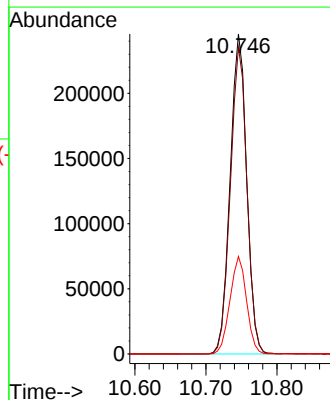
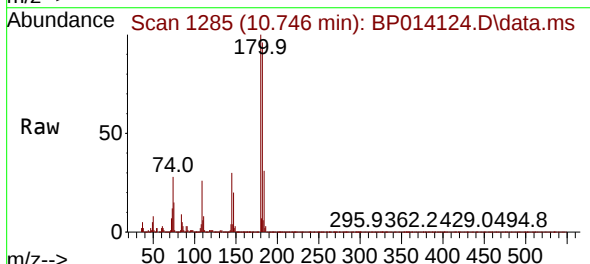
Manual Integrations
APPROVED

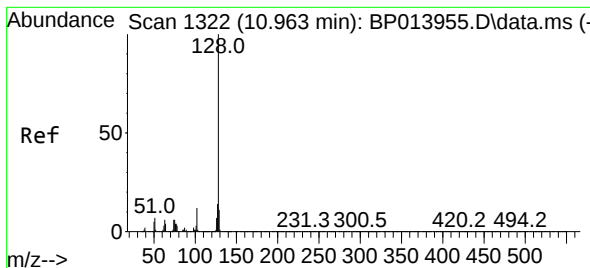
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.427 ng
RT: 10.746 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:180 Resp: 396882
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 30.4 23.5 35.3





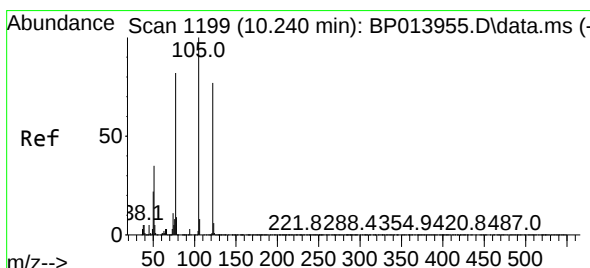
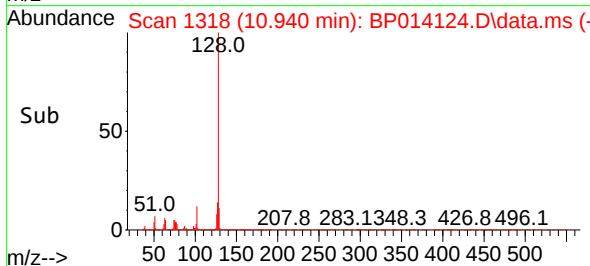
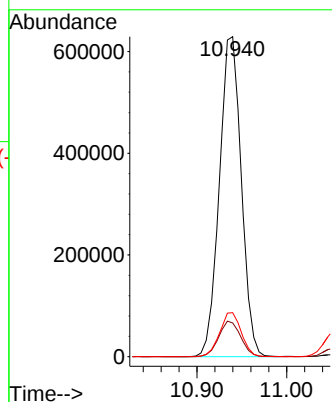
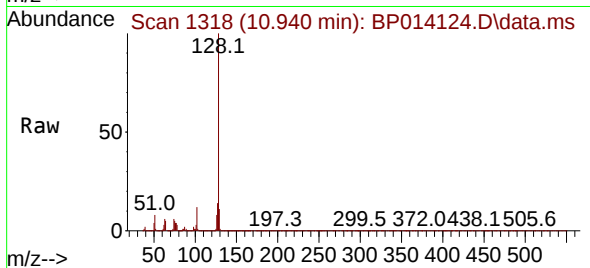
#31
Naphthalene
Concen: 43.780 ng
RT: 10.940 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:128 Resp: 106814
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.8 11.2 16.8

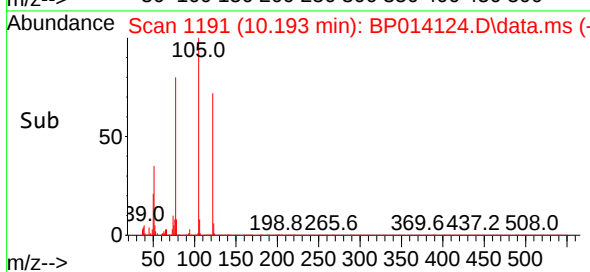
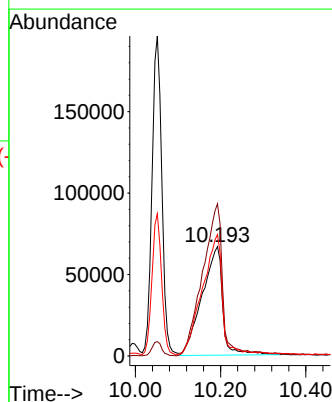
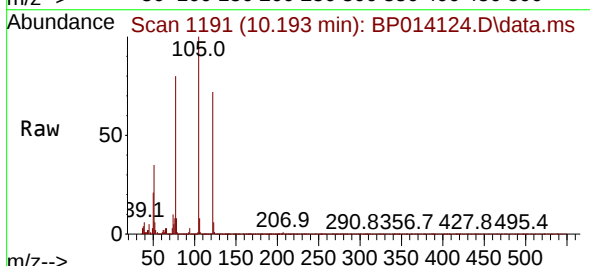
Manual Integrations
APPROVED

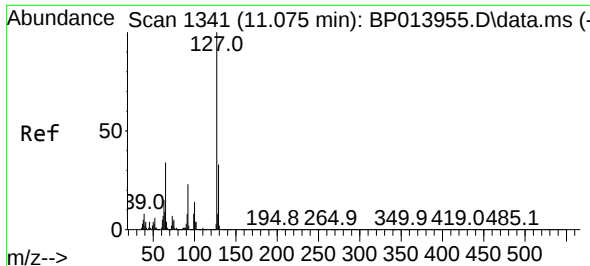
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#32
Benzoic acid
Concen: 38.784 ng
RT: 10.193 min Scan# 1191
Delta R.T. -0.035 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:122 Resp: 222751
Ion Ratio Lower Upper
122 100
105 139.3 108.2 148.2
77 111.2 85.2 125.2





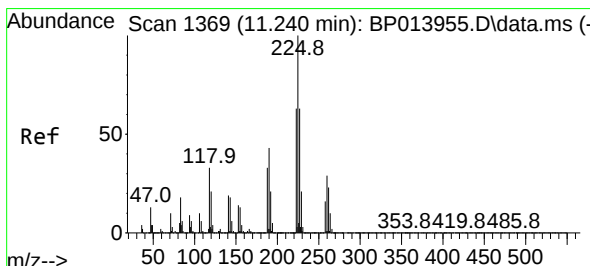
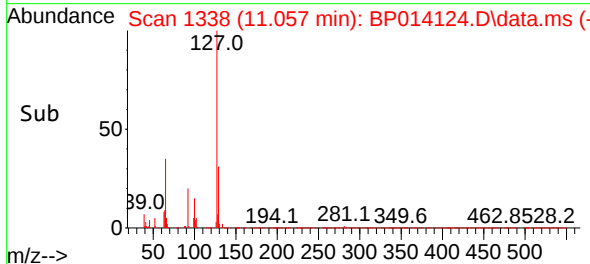
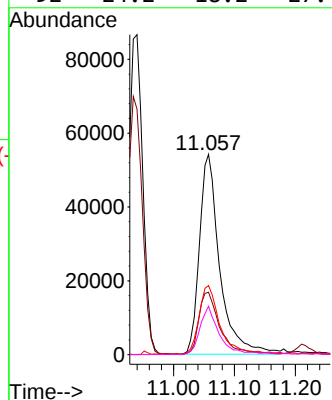
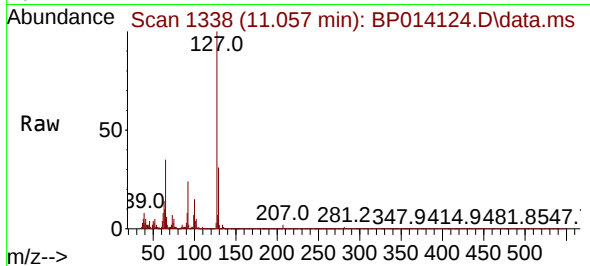
#33
4-Chloroaniline
Concen: 12.042 ng
RT: 11.057 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	34.6	27.0	40.4
92	24.2	18.2	27.4

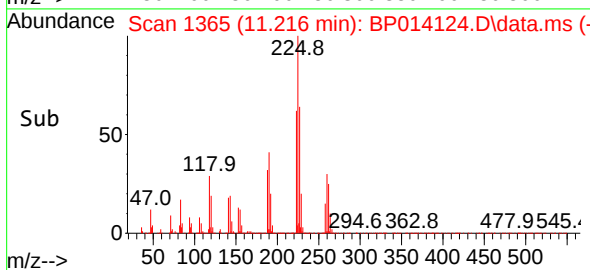
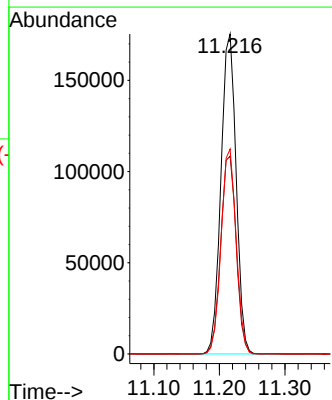
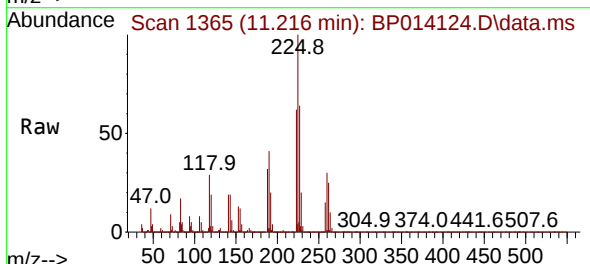
Manual Integrations
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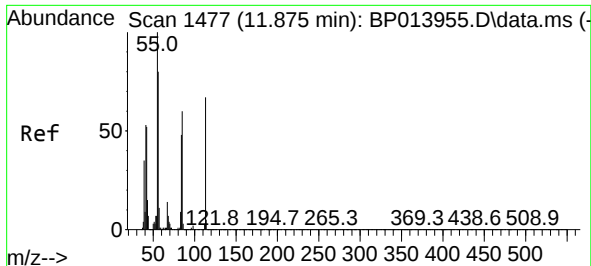
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#34
Hexachlorobutadiene
Concen: 44.150 ng
RT: 11.216 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	64.0	50.2	75.4





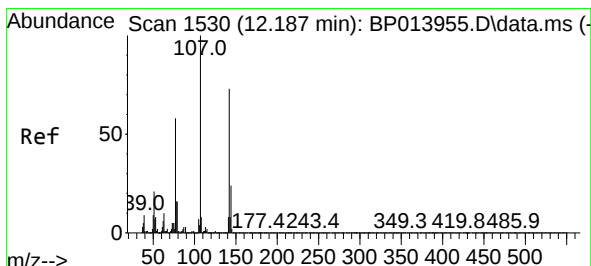
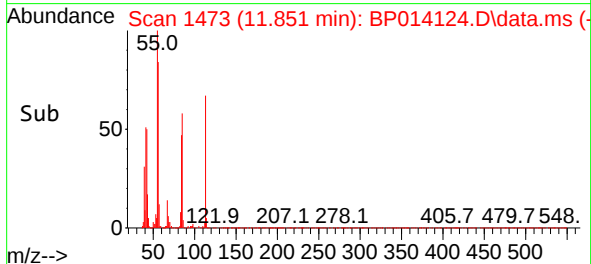
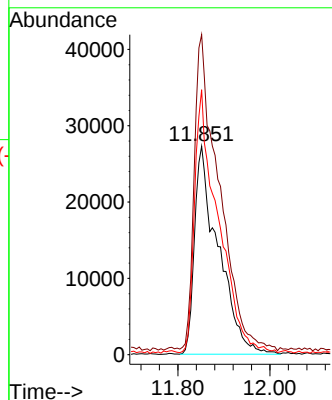
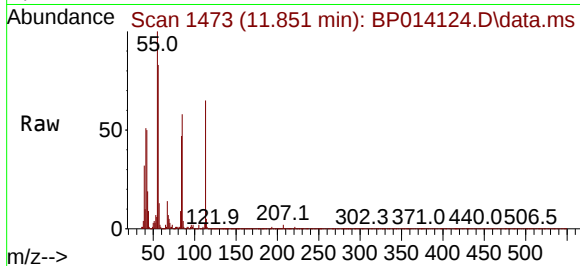
#35
Caprolactam
Concen: 44.195 ng
RT: 11.851 min Scan# 1477
Delta R.T. -0.018 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:113 Resp: 9735
Ion Ratio Lower Upper
113 100
55 153.5 128.9 168.9
56 127.2 99.6 139.6

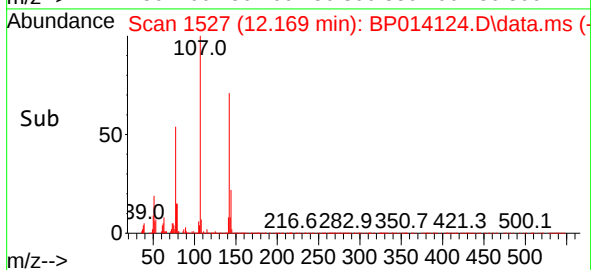
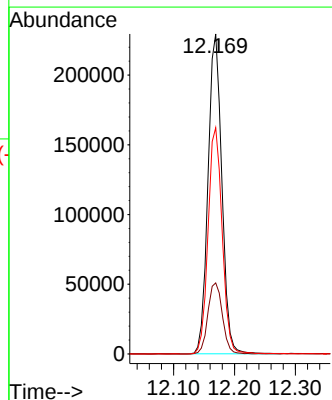
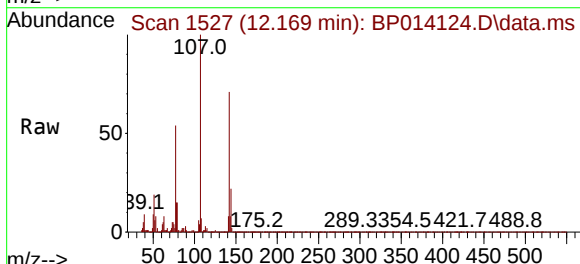
Manual Integrations
APPROVED

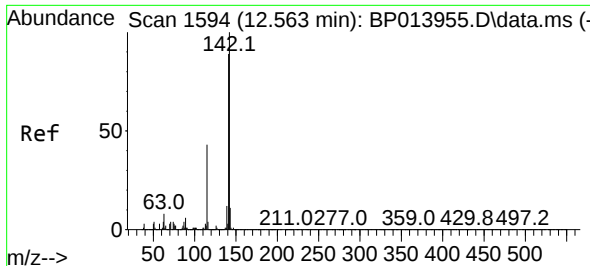
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#36
4-Chloro-3-methylphenol
Concen: 42.157 ng
RT: 12.169 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:107 Resp: 361817
Ion Ratio Lower Upper
107 100
144 22.2 19.3 28.9
142 70.7 58.5 87.7





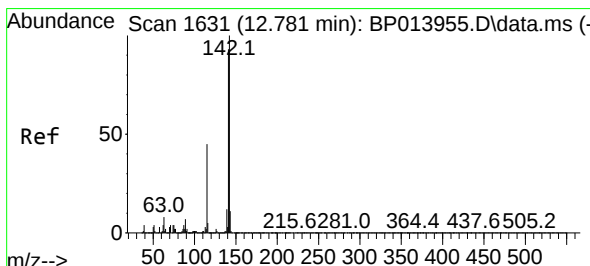
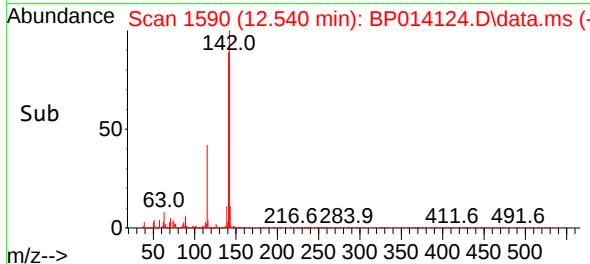
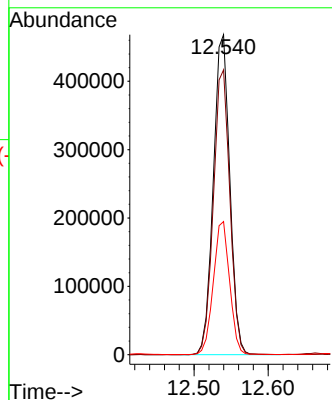
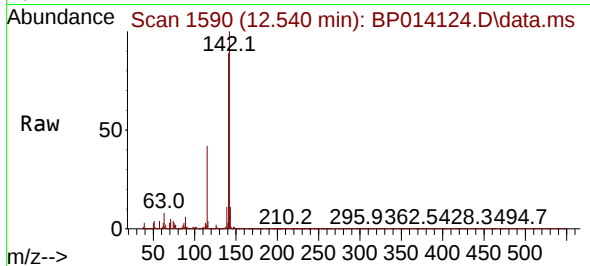
#37
2-Methylnaphthalene
Concen: 40.060 ng
RT: 12.540 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:142 Resp: 72106
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4
115 41.6 34.5 51.7

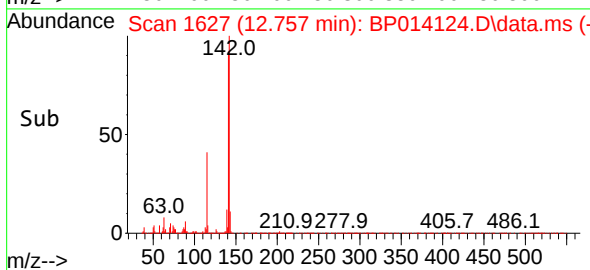
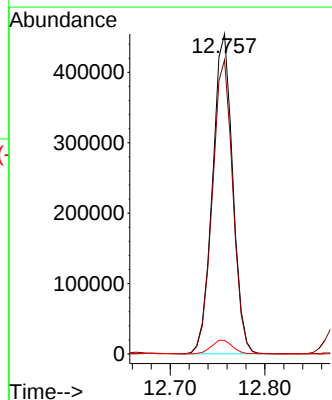
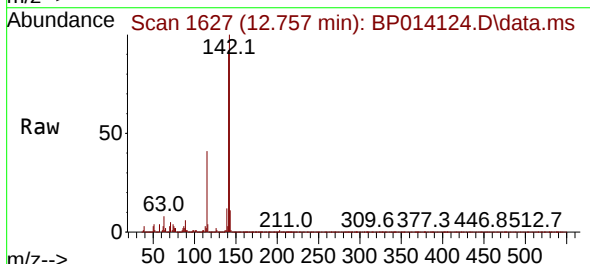
Manual Integrations
APPROVED

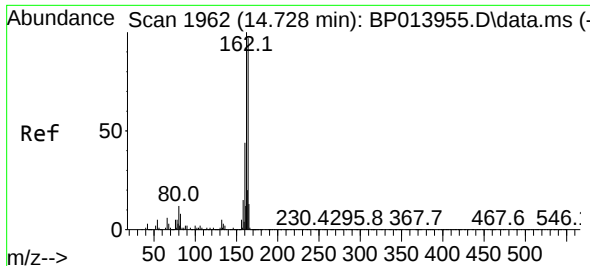
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#38
1-Methylnaphthalene
Concen: 40.009 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:142 Resp: 671288
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 4.3 3.6 5.4





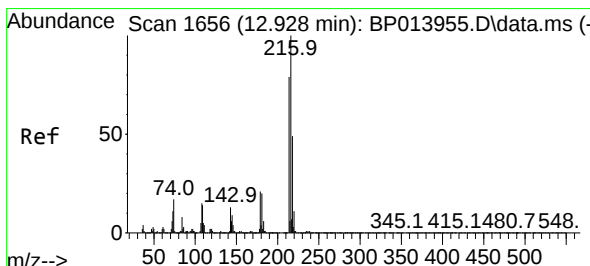
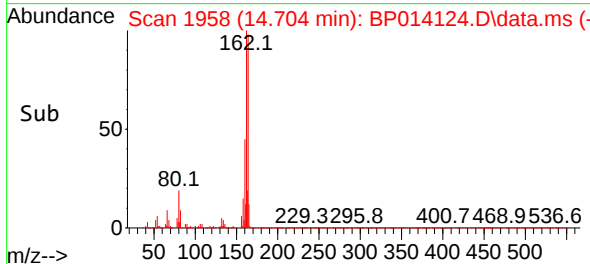
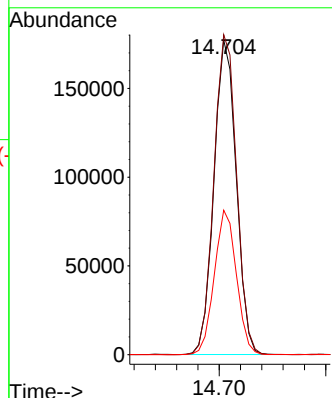
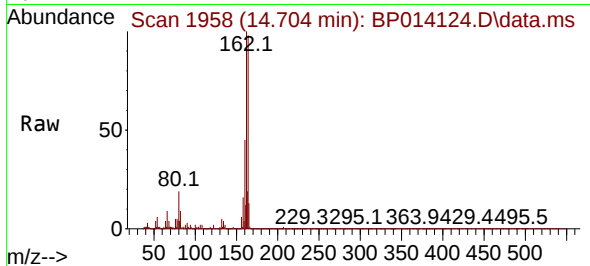
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:164 Resp: 25718
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 45.9 36.2 54.2

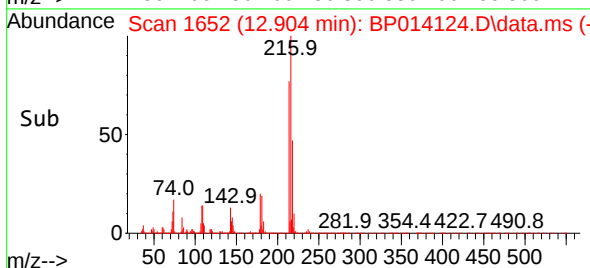
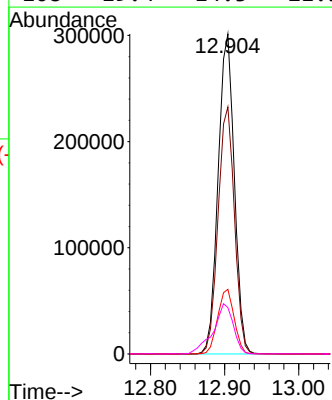
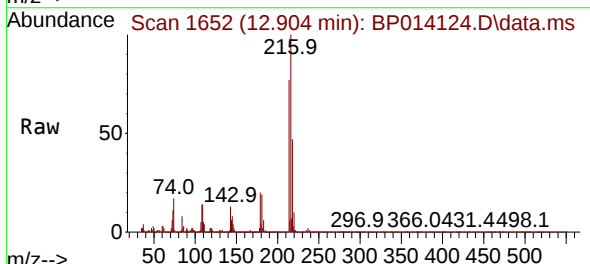
Manual Integrations
APPROVED

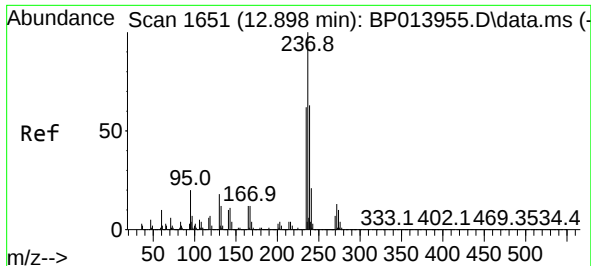
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.607 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:216 Resp: 456889
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 20.5 16.6 24.8
108 19.4 14.3 21.5





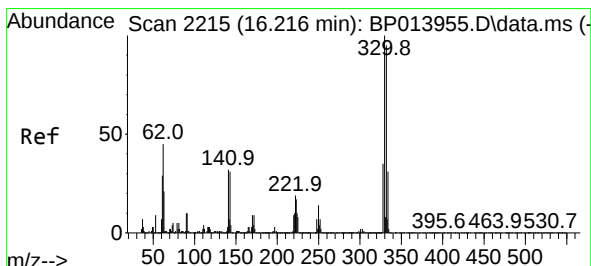
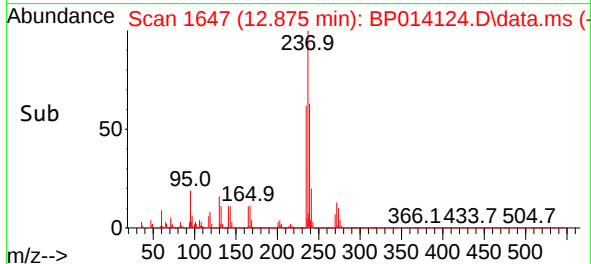
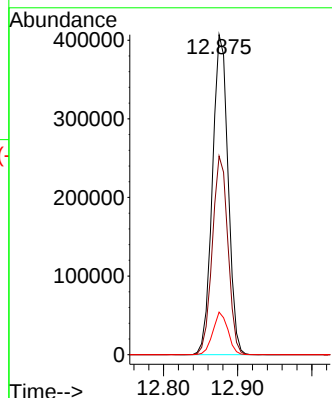
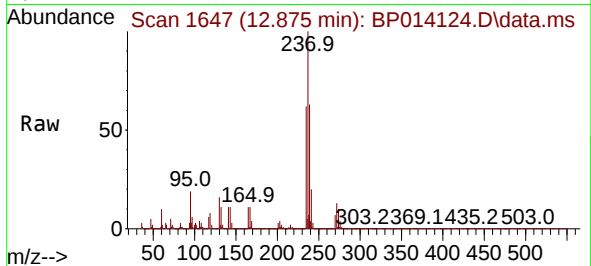
#41
Hexachlorocyclopentadiene
Concen: 96.990 ng
RT: 12.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion: 237 Resp: 596700
Ion Ratio Lower Upper
237 100
235 62.0 41.9 81.9
272 13.3 0.0 32.6

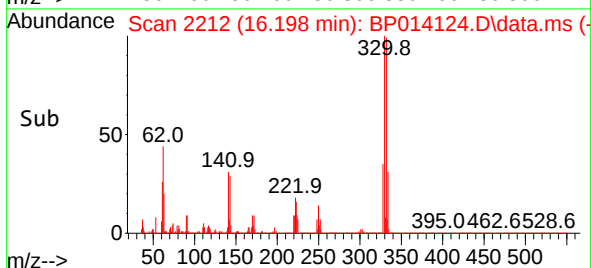
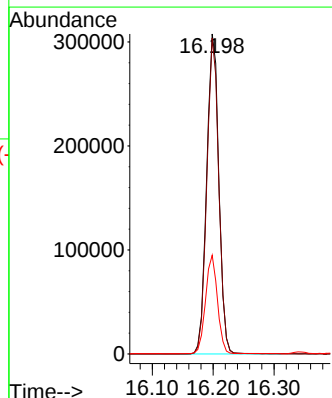
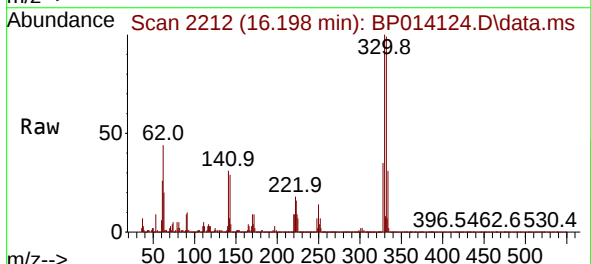
Manual Integrations
APPROVED

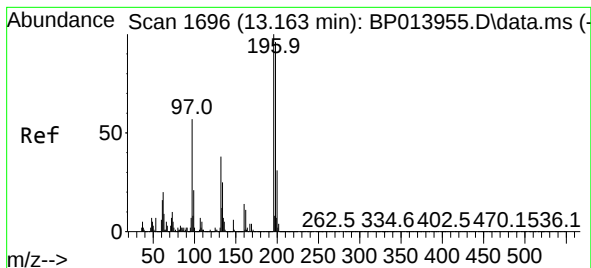
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#42
2,4,6-Tribromophenol
Concen: 102.776 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 330 Resp: 428560
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.0 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 44.386 ng

RT: 13.146 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

Tgt Ion:196 Resp: 27503

Ion Ratio Lower Upper

196 100

198 99.4 76.7 115.1

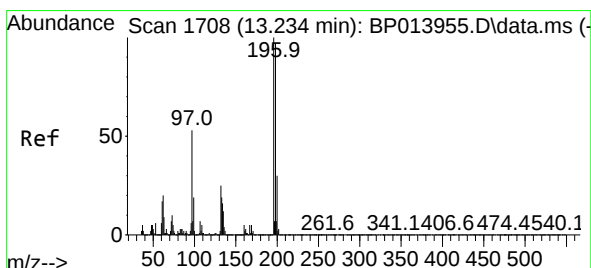
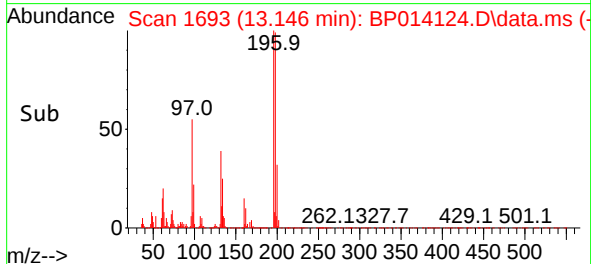
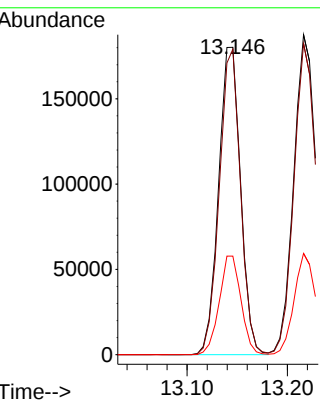
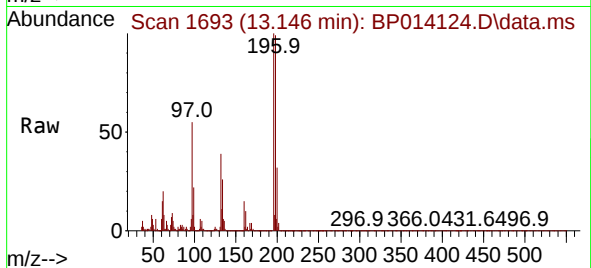
200 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#44

2,4,5-Trichlorophenol

Concen: 40.987 ng

RT: 13.216 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Tgt Ion:196 Resp: 294303

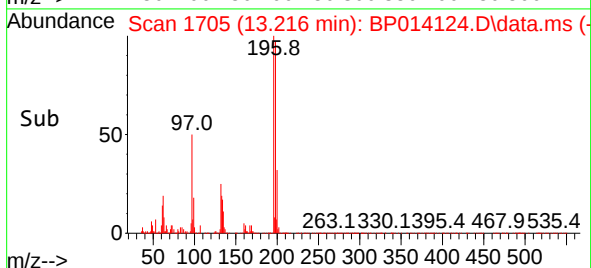
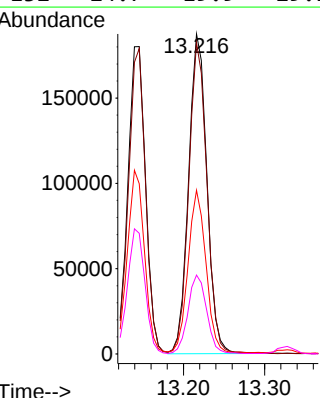
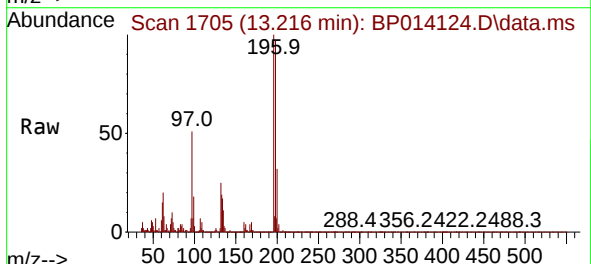
Ion Ratio Lower Upper

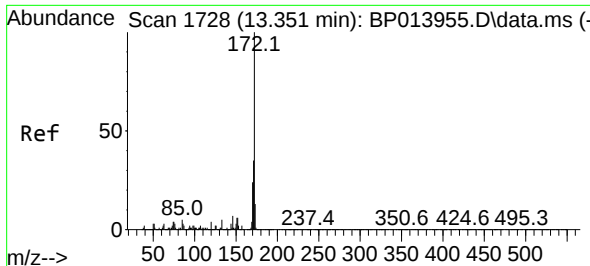
196 100

198 97.3 77.5 116.3

97 51.2 42.6 64.0

132 24.7 19.9 29.9





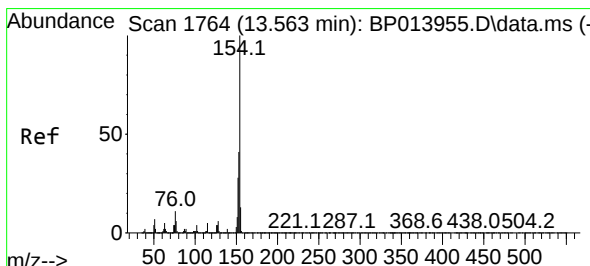
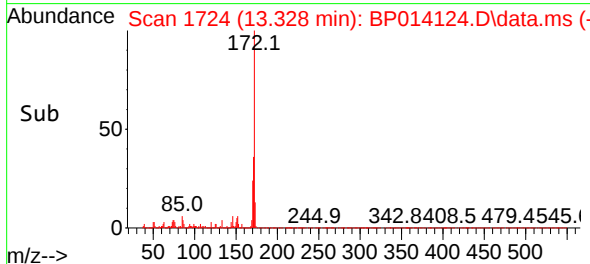
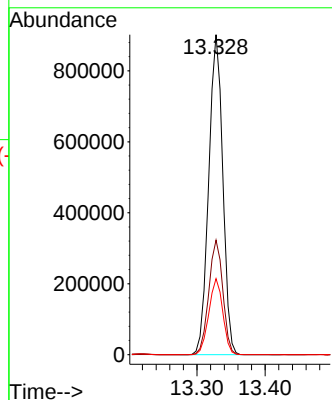
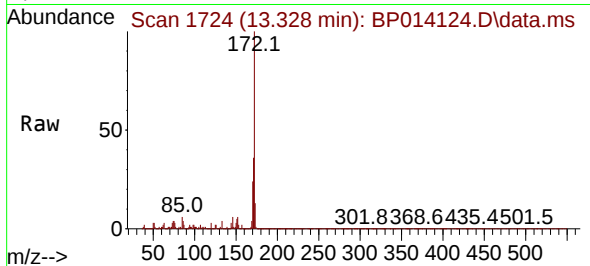
#45
2-Fluorobiphenyl
Concen: 65.193 ng
RT: 13.328 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:172 Resp: 129413
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.8 19.0 28.4

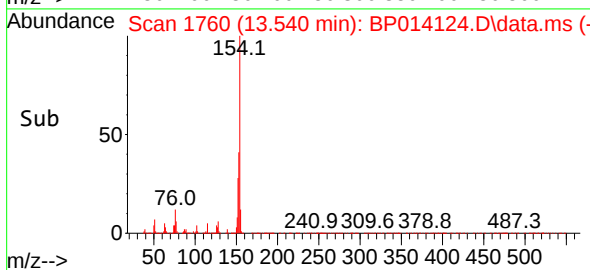
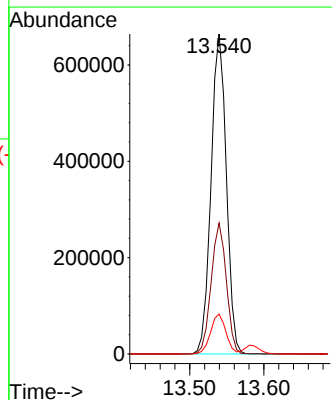
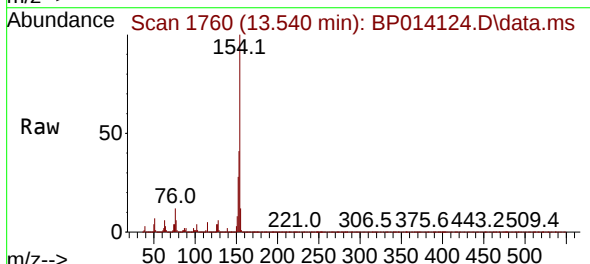
Manual Integrations
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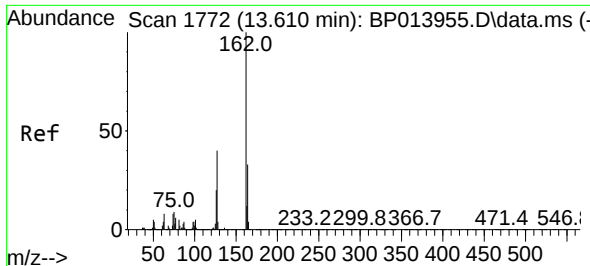
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#46
1,1'-Biphenyl
Concen: 45.887 ng
RT: 13.540 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:154 Resp: 949916
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 12.4 0.0 31.0





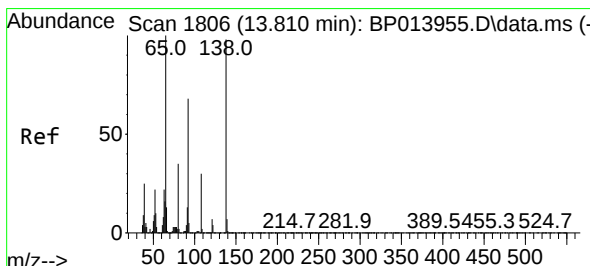
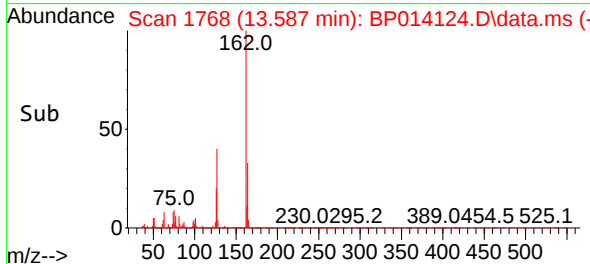
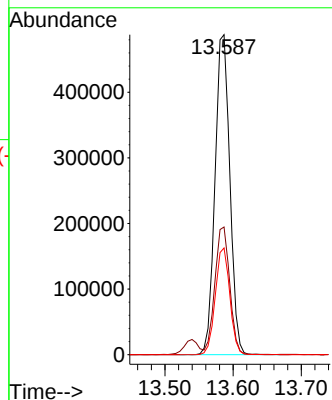
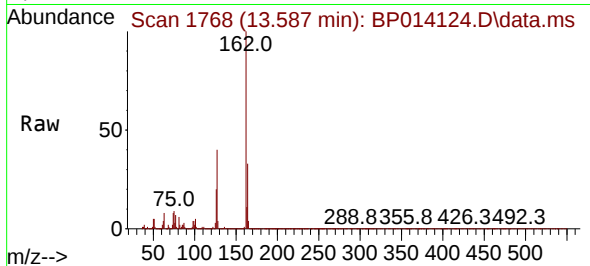
#47
2-Chloronaphthalene
Concen: 46.347 ng
RT: 13.587 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:162 Resp: 738589
Ion Ratio Lower Upper
162 100
127 39.9 32.5 48.7
164 33.4 26.3 39.5

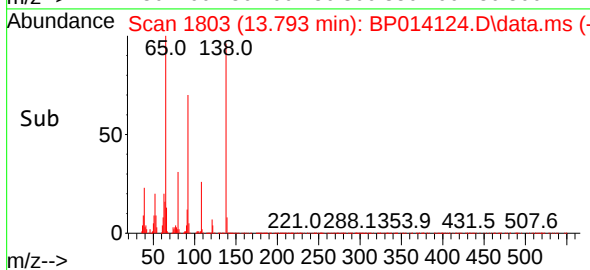
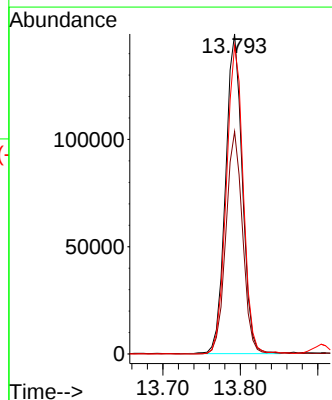
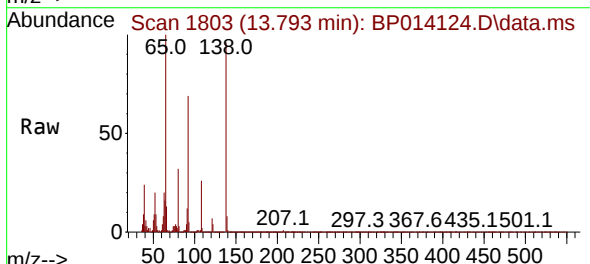
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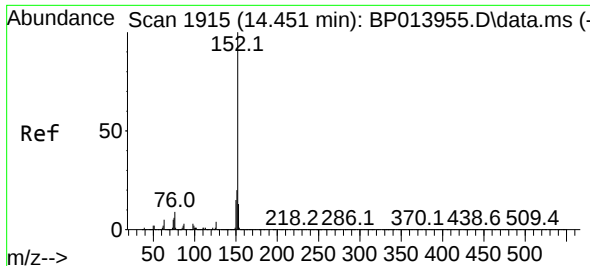
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#48
2-Nitroaniline
Concen: 46.548 ng
RT: 13.793 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion: 65 Resp: 225123
Ion Ratio Lower Upper
65 100
92 69.5 54.4 81.6
138 96.4 78.0 117.0





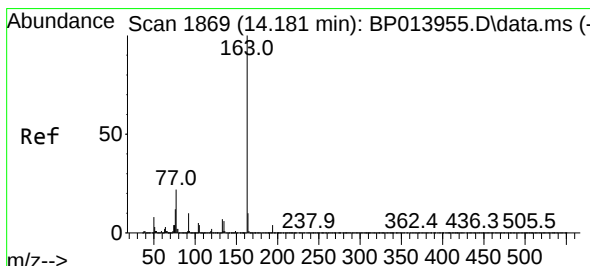
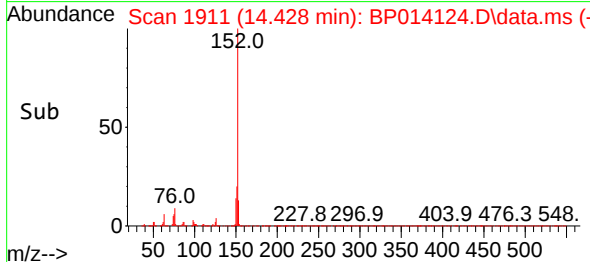
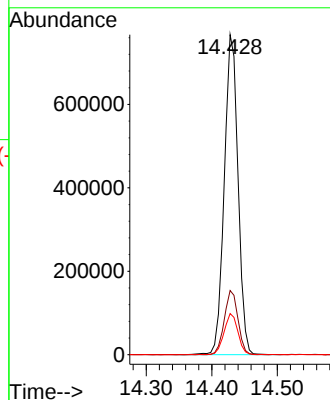
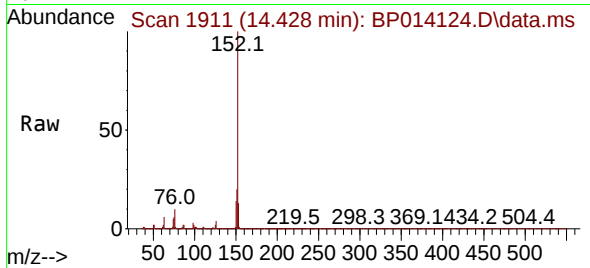
#49
Acenaphthylene
Concen: 43.810 ng
RT: 14.428 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:152 Resp: 111028
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.9 10.4 15.6

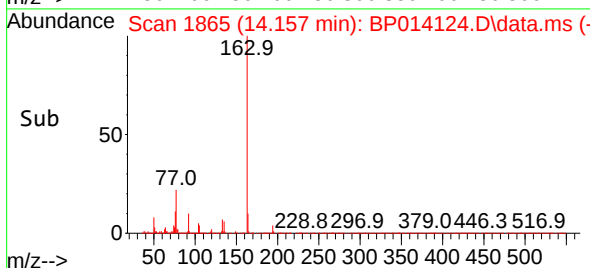
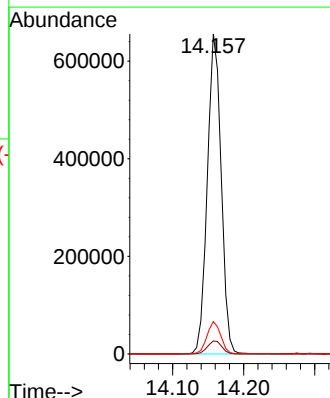
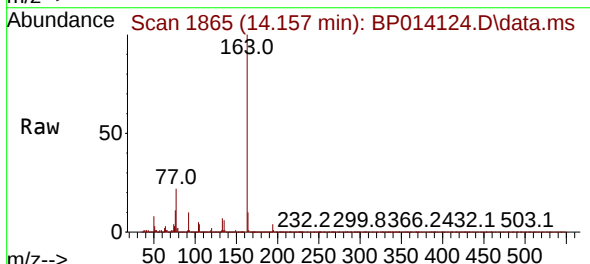
Manual Integrations
APPROVED

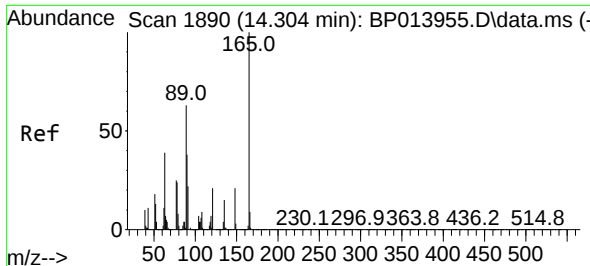
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#50
Dimethylphthalate
Concen: 41.951 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:163 Resp: 890089
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.1 12.1





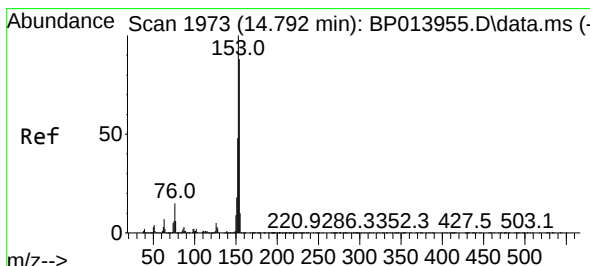
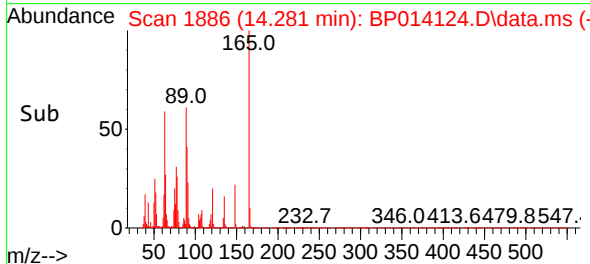
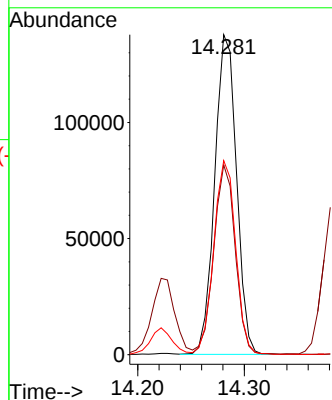
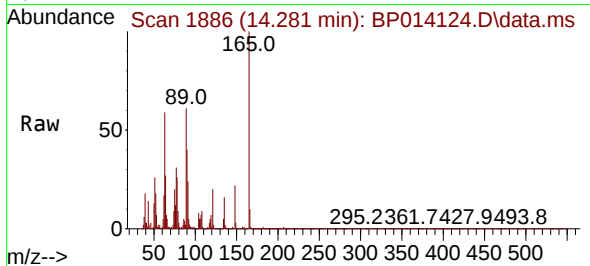
#51
2,6-Dinitrotoluene
Concen: 43.683 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:165 Resp: 195178
Ion Ratio Lower Upper
165 100
63 59.3 46.7 70.1
89 60.7 50.8 76.2

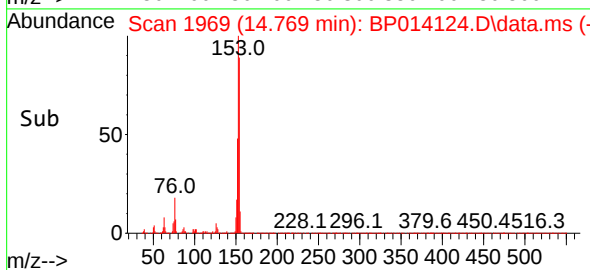
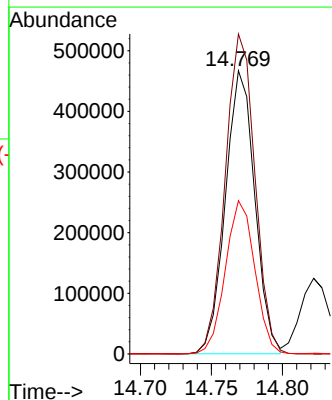
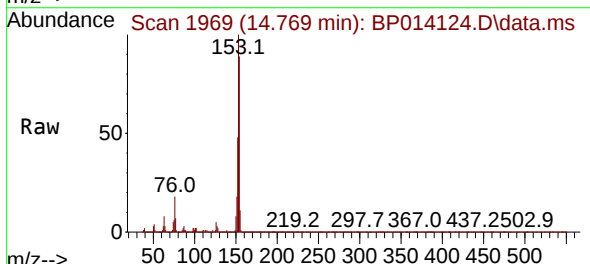
Manual Integrations
APPROVED

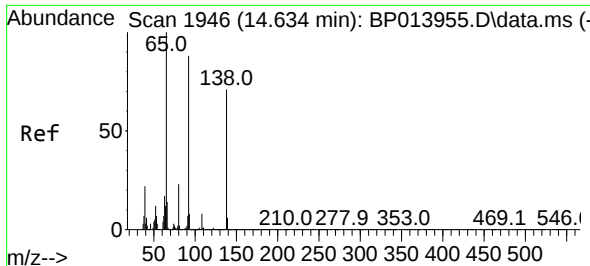
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#52
Acenaphthene
Concen: 44.173 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:154 Resp: 673885
Ion Ratio Lower Upper
154 100
153 113.0 91.3 136.9
152 54.1 43.4 65.0





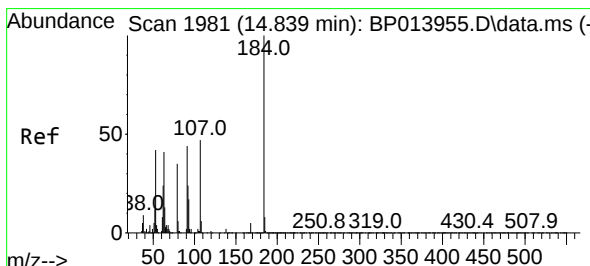
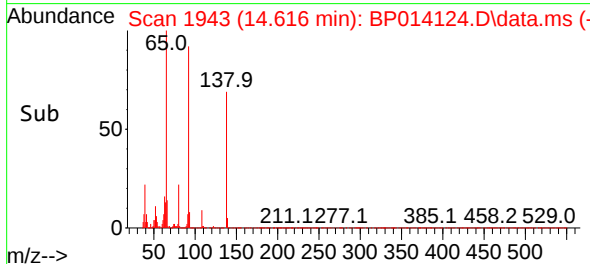
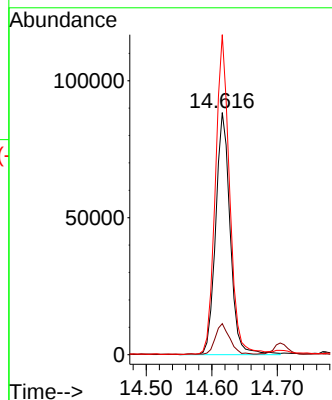
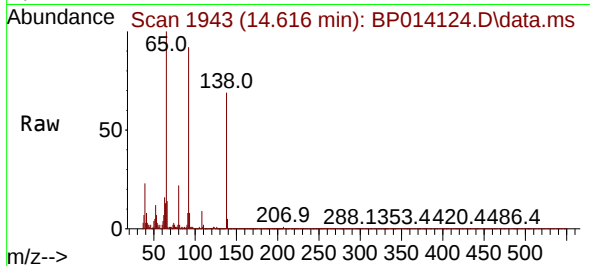
#53
3-Nitroaniline
Concen: 30.866 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:138 Resp: 135150
Ion Ratio Lower Upper
138 100
108 12.8 9.5 14.3
92 132.2 99.2 148.8

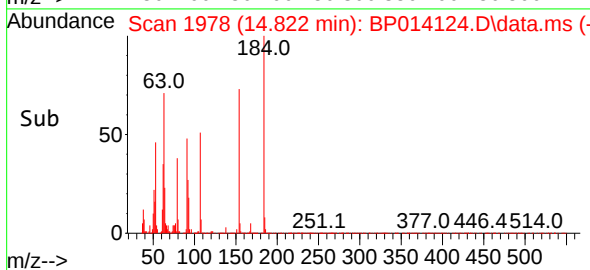
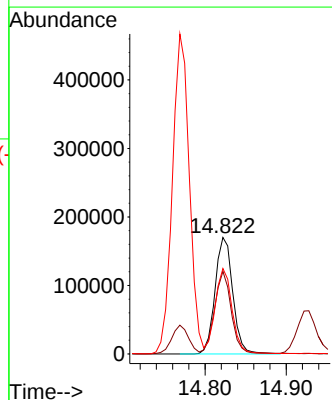
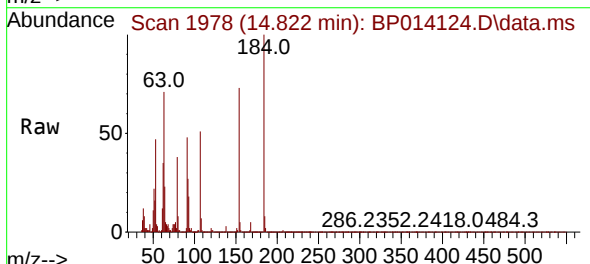
Manual Integrations
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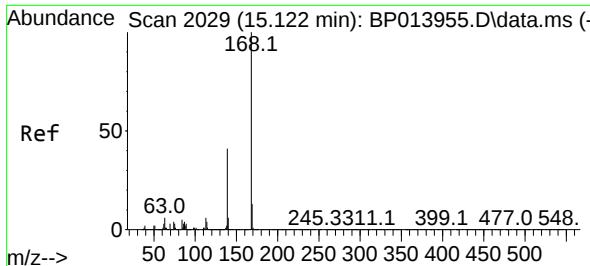
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#54
2,4-Dinitrophenol
Concen: 78.121 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

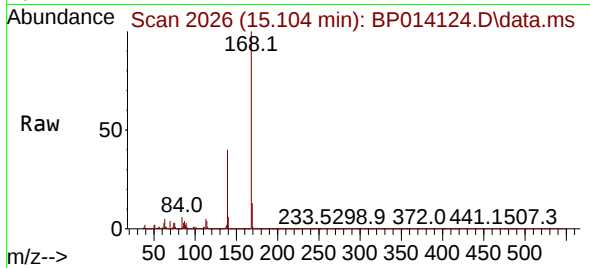
Tgt Ion:184 Resp: 258559
Ion Ratio Lower Upper
184 100
63 70.9 52.4 78.6
154 73.3 59.4 89.2





#55
Dibenzenofuran
Concen: 43.655 ng
RT: 15.104 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

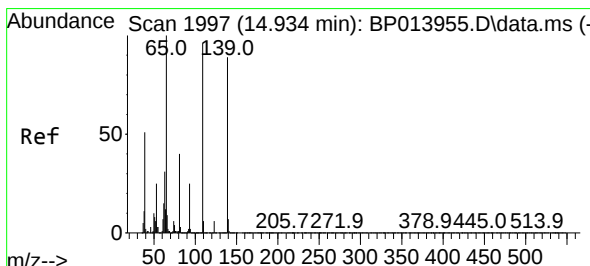
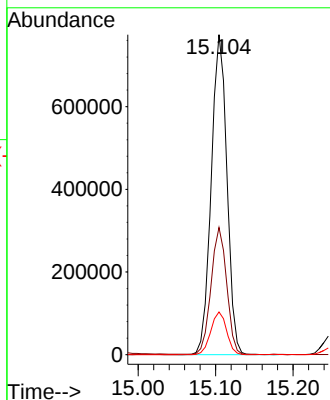
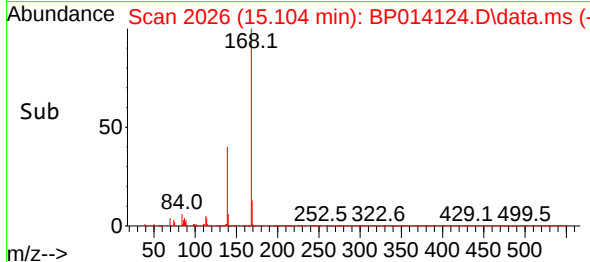
Instrument :
BNA_P
ClientSampleId :
MC-1MS



Tgt Ion:168 Resp: 108574
Ion Ratio Lower Upper
168 100
139 39.8 32.9 49.3
169 13.3 10.6 15.8

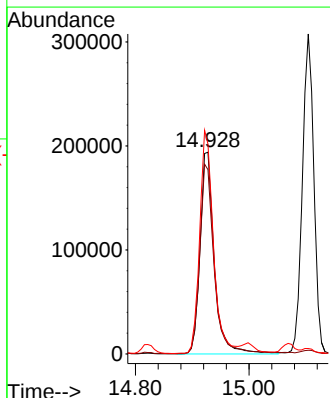
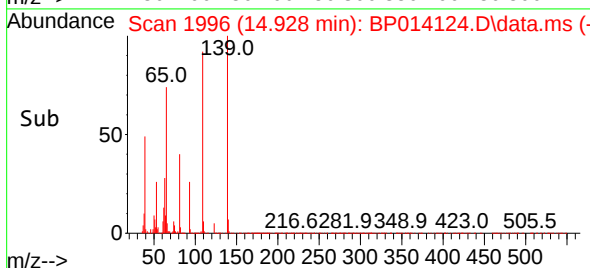
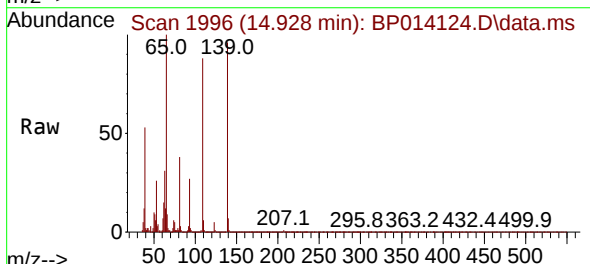
Manual Integrations
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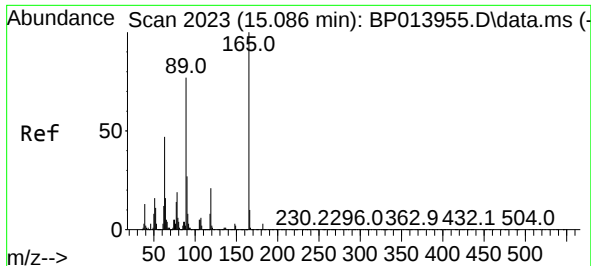
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#56
4-Nitrophenol
Concen: 94.819 ng
RT: 14.928 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:139 Resp: 338097
Ion Ratio Lower Upper
139 100
109 91.4 87.0 127.0
65 104.0 92.1 132.1





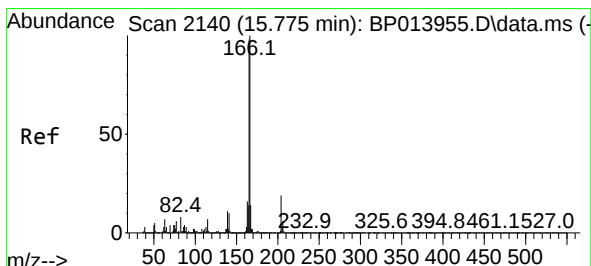
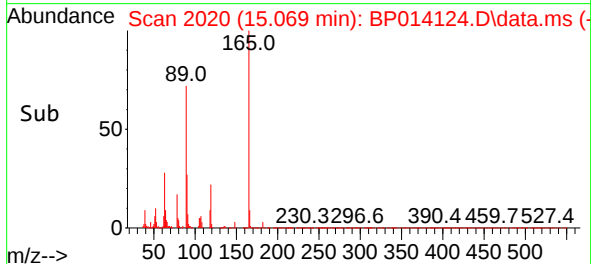
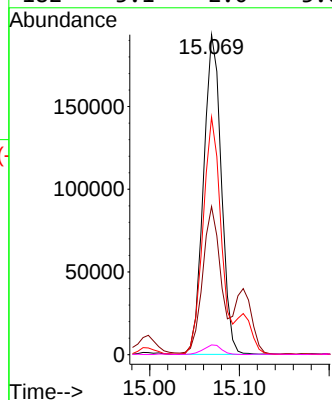
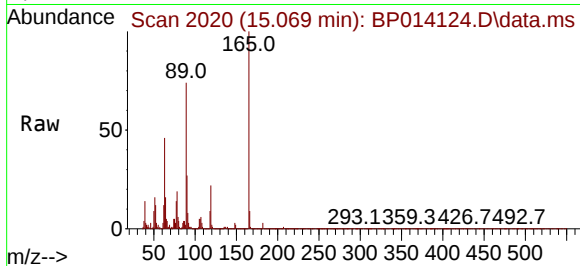
#57
2,4-Dinitrotoluene
Concen: 44.531 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:165 Resp: 265969
Ion Ratio Lower Upper
165 100
63 46.3 37.5 56.3
89 74.3 61.8 92.8
182 3.1 2.0 3.0#

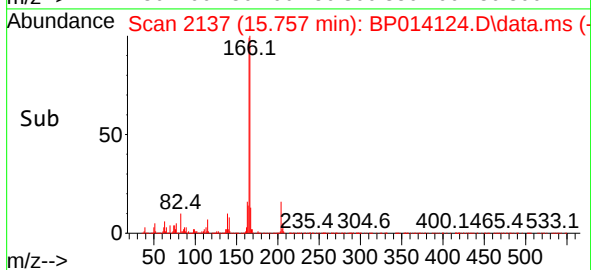
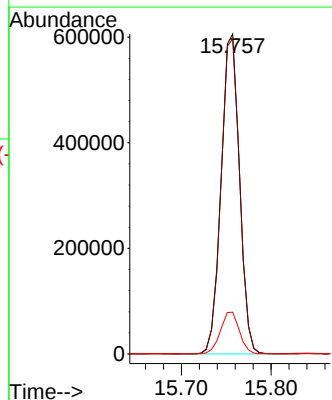
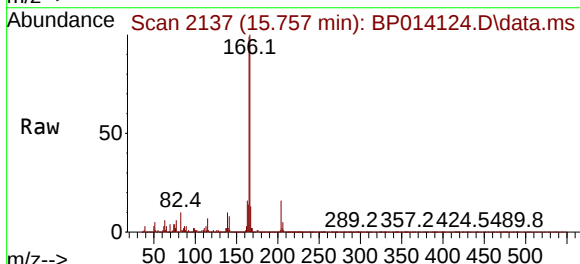
Manual Integrations
APPROVED

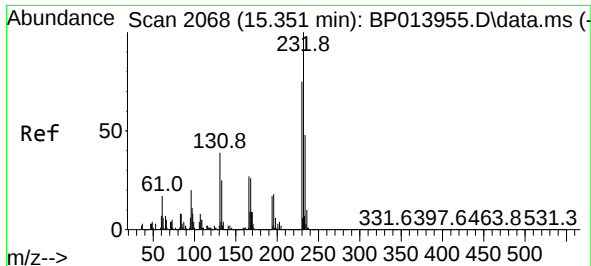
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#58
Fluorene
Concen: 43.553 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:166 Resp: 860091
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.1 10.8 16.2





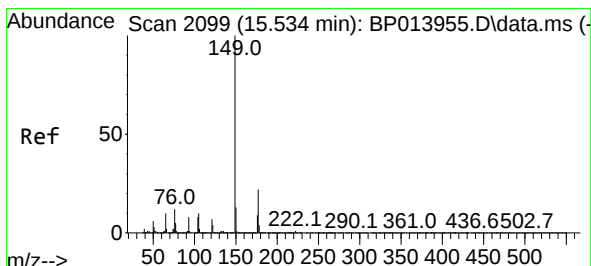
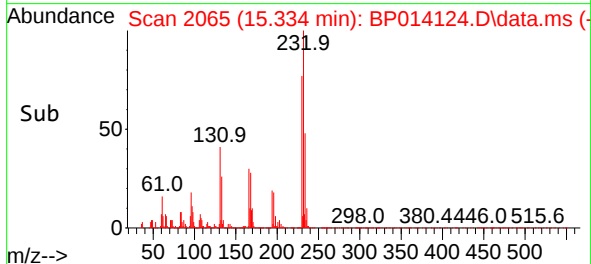
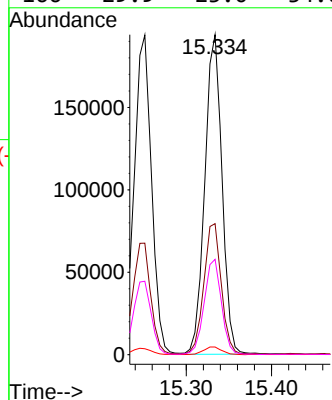
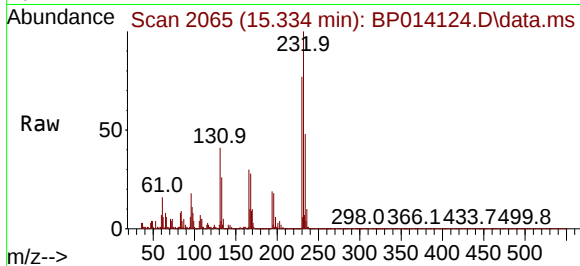
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.479 ng
RT: 15.334 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:232 Resp: 272350
Ion Ratio Lower Upper
232 100
131 41.4 32.5 48.7
130 2.7 1.9 2.9
166 29.9 23.0 34.6

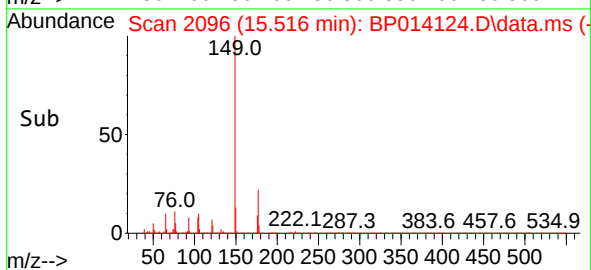
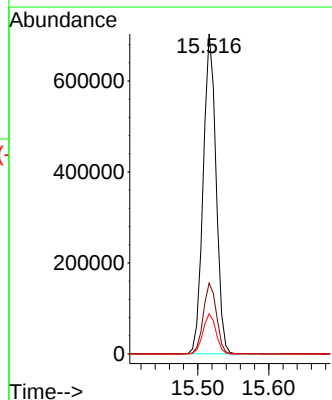
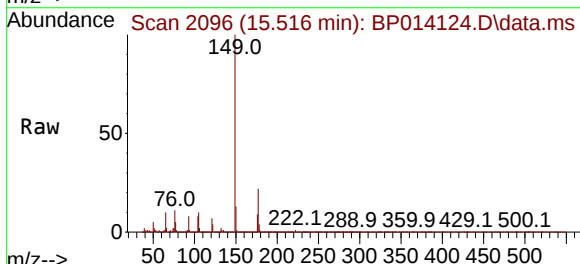
Manual Integrations
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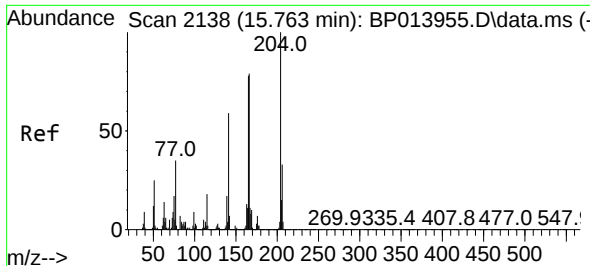
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#60
Diethylphthalate
Concen: 42.310 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:149 Resp: 886335
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.6 10.3 15.5





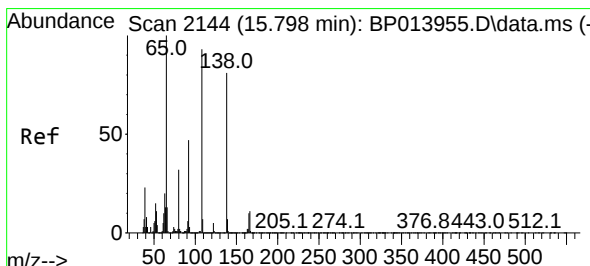
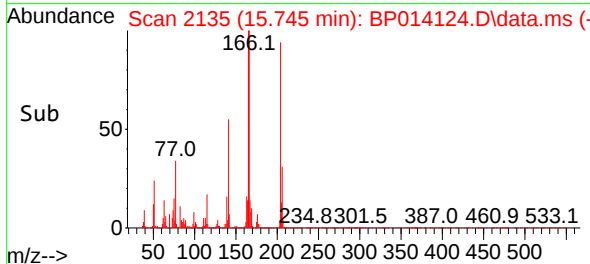
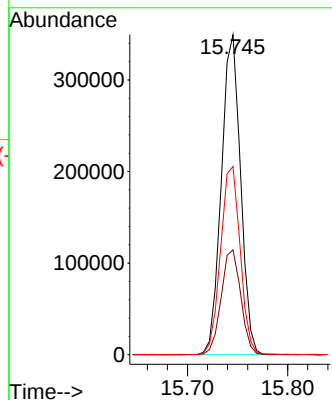
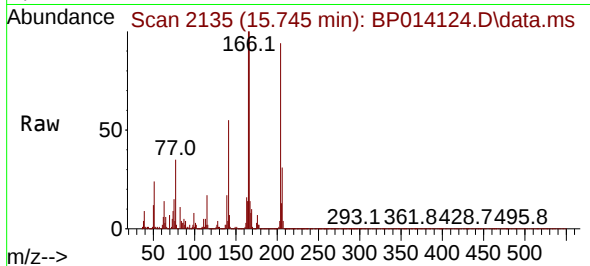
#61
4-Chlorophenyl-phenylether
Concen: 41.394 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:204 Resp: 463404
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 58.8 46.9 70.3

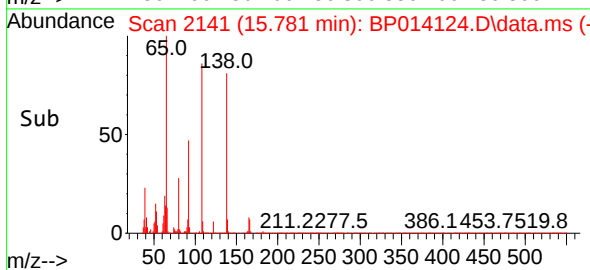
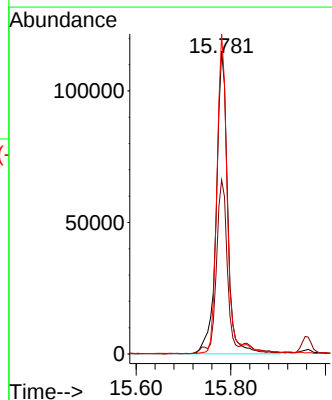
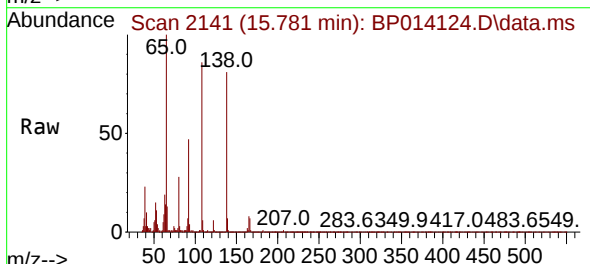
Manual Integrations
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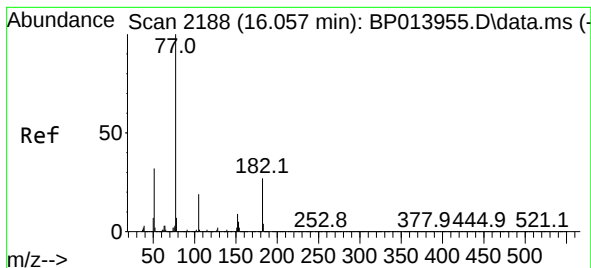
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#62
4-Nitroaniline
Concen: 44.434 ng
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:138 Resp: 193736
Ion Ratio Lower Upper
138 100
92 57.5 37.9 77.9
108 105.6 94.9 134.9





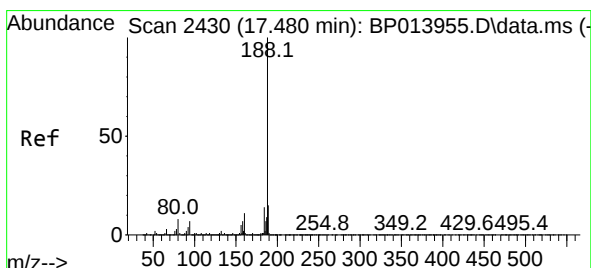
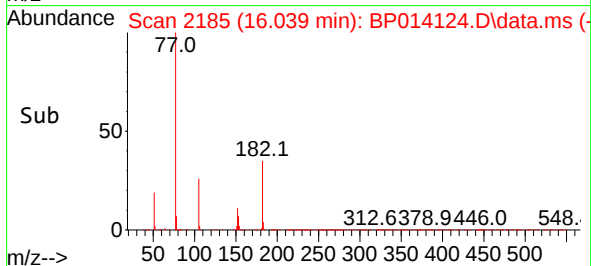
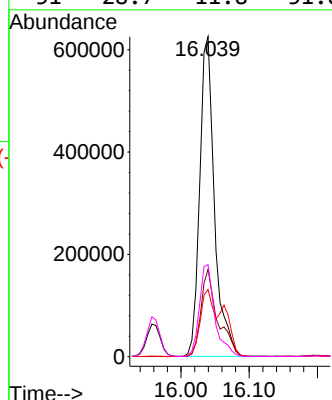
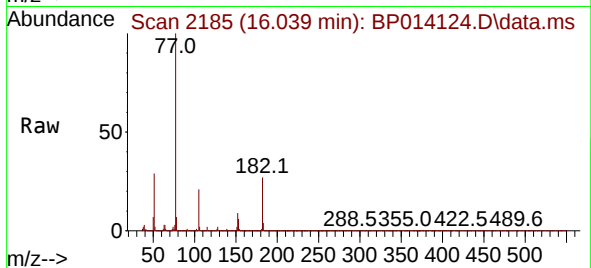
#63
Azobenzene
Concen: 48.419 ng
RT: 16.039 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion: 77 Resp: 93858
Ion Ratio Lower Upper
77 100
182 27.3 6.9 46.9
105 21.0 0.0 39.4
51 28.7 11.8 51.8

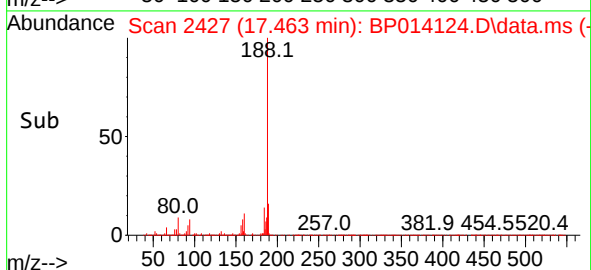
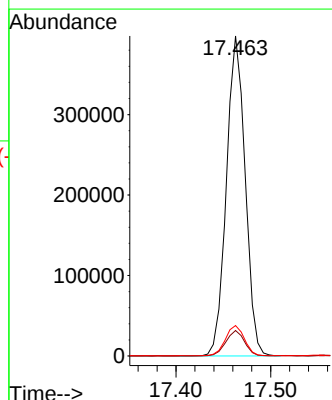
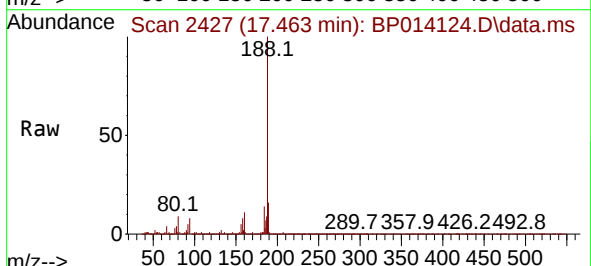
Manual Integrations
APPROVED

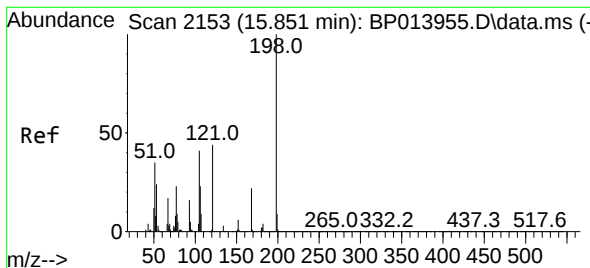
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:188 Resp: 547431
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 9.5 6.6 9.8





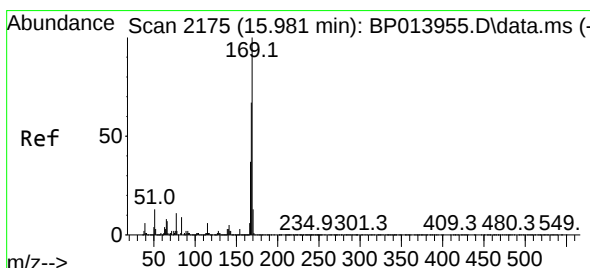
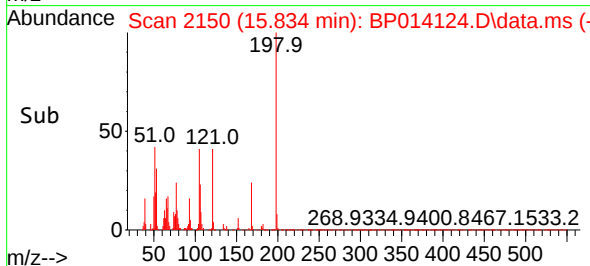
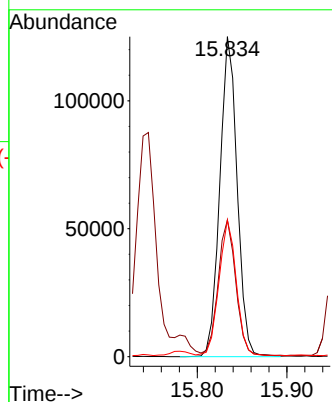
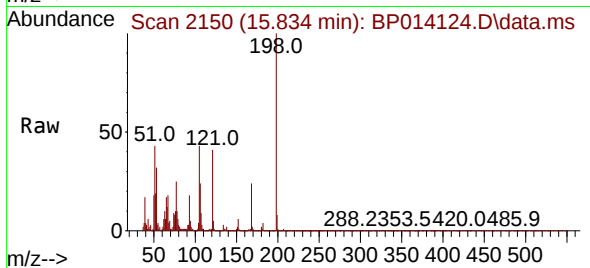
#65
4,6-Dinitro-2-methylphenol
Concen: 41.376 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:198 Resp: 167769
Ion Ratio Lower Upper
198 100
51 42.7 22.1 62.1
105 42.7 21.5 61.5

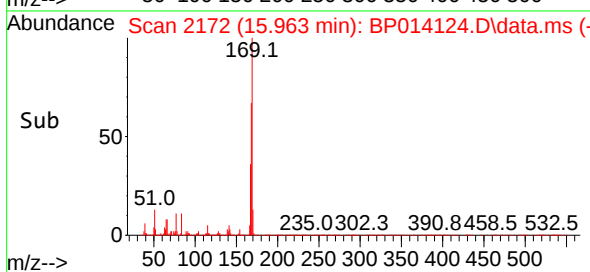
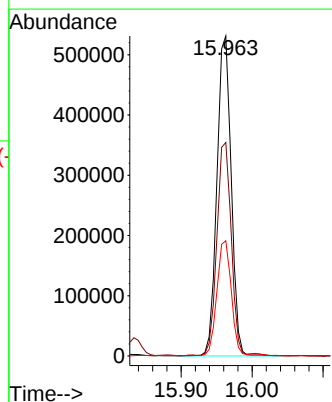
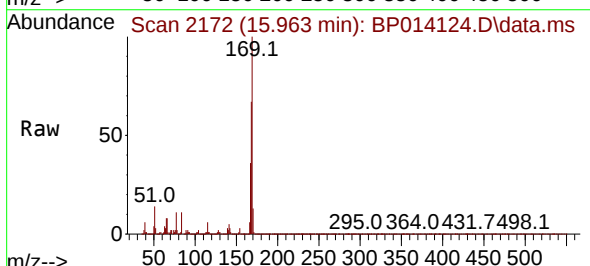
Manual Integrations
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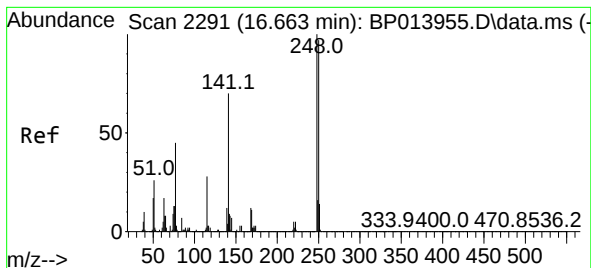
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#66
n-Nitrosodiphenylamine
Concen: 42.602 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

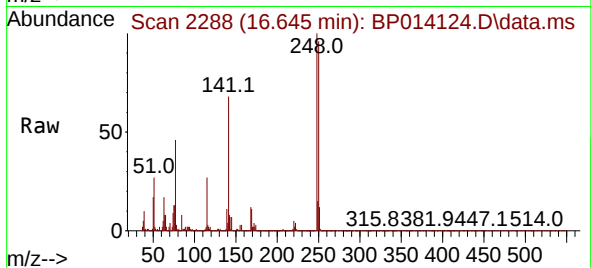
Tgt Ion:169 Resp: 736940
Ion Ratio Lower Upper
169 100
168 66.7 54.0 81.0
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.210 ng
RT: 16.645 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

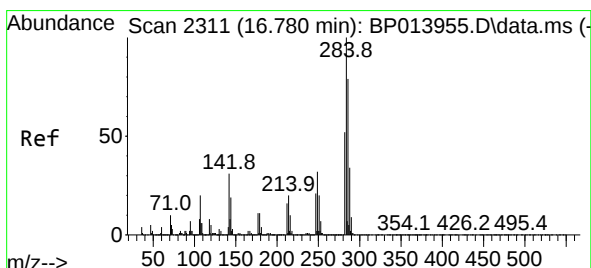
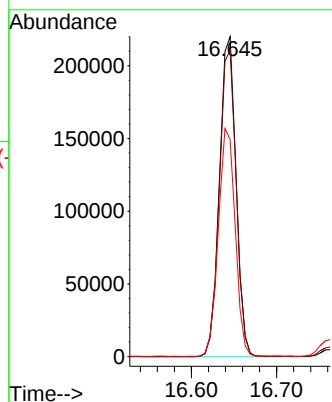
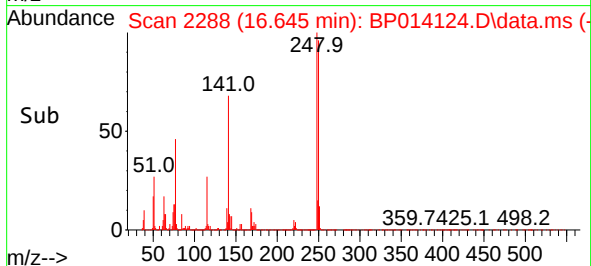
Instrument :
BNA_P
ClientSampleId :
MC-1MS



Tgt Ion:248 Resp: 298400
Ion Ratio Lower Upper
248 100
250 95.8 77.9 116.9
141 67.8 56.0 84.0

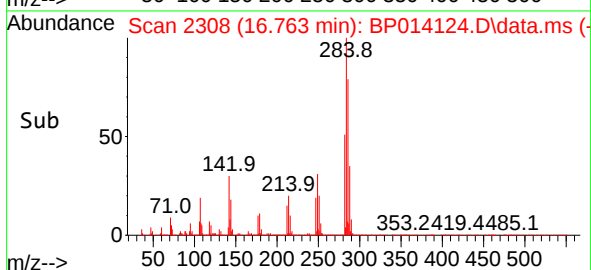
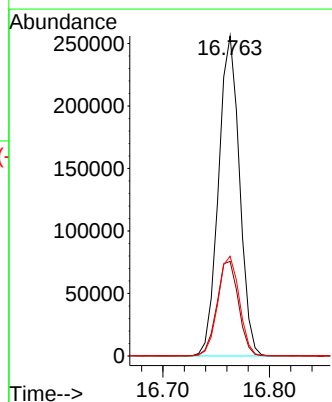
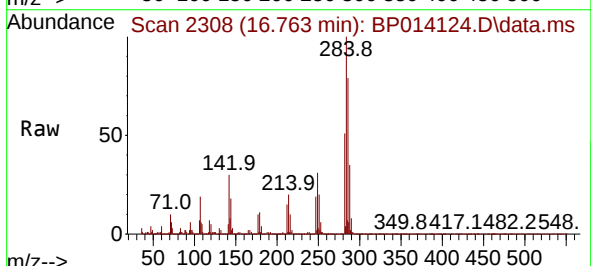
Manual Integrations
APPROVED

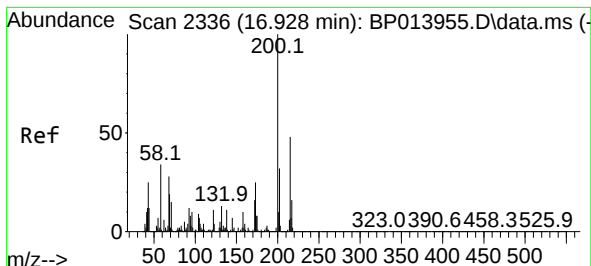
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#68
Hexachlorobenzene
Concen: 44.995 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:284 Resp: 349232
Ion Ratio Lower Upper
284 100
142 29.6 24.8 37.2
249 31.2 25.7 38.5





#69

Atrazine

Concen: 47.054 ng

RT: 16.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

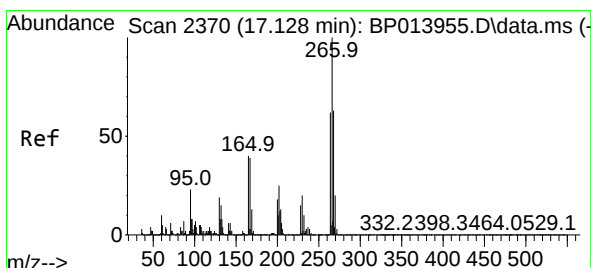
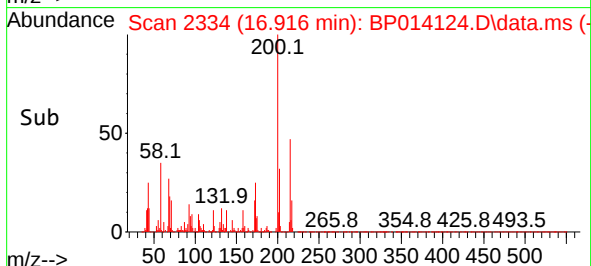
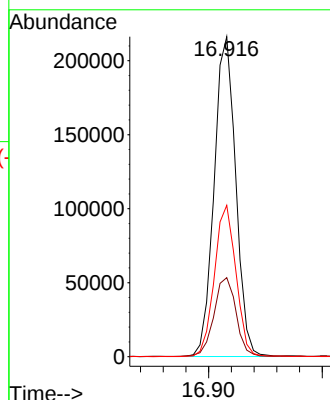
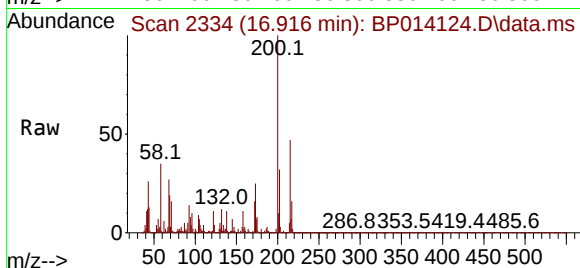
Tgt Ion:200 Resp: 285774
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.5 45.5
 215 47.3 27.9 67.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#70

Pentachlorophenol

Concen: 82.894 ng

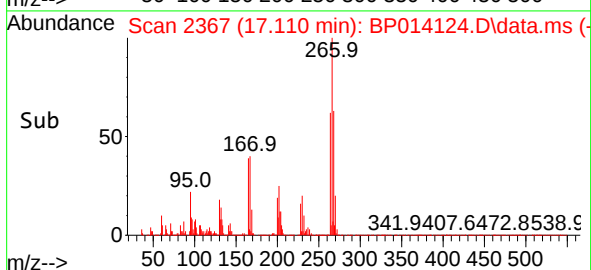
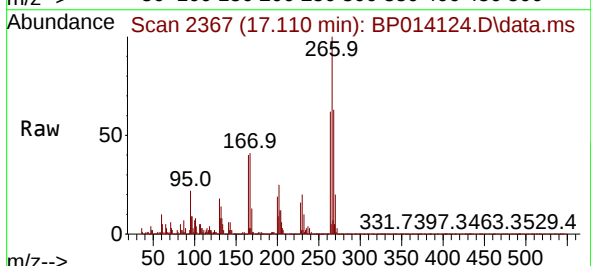
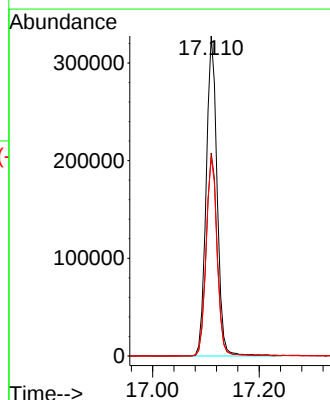
RT: 17.110 min Scan# 2367

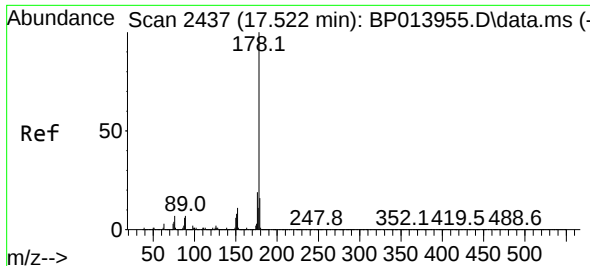
Delta R.T. -0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Tgt Ion:266 Resp: 464015
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.4 75.6
 264 62.1 49.2 73.8





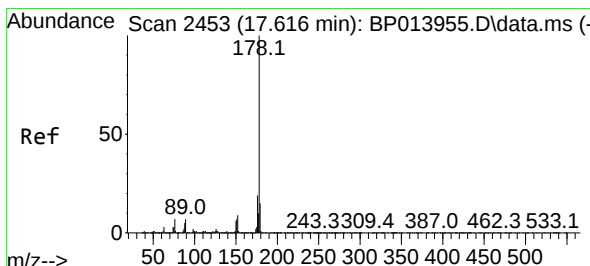
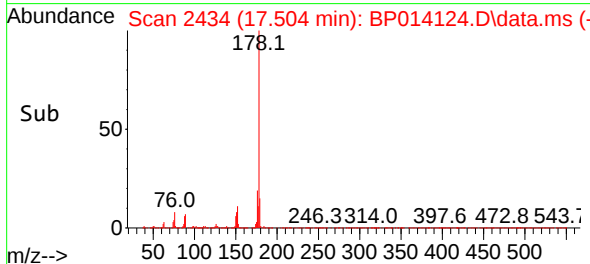
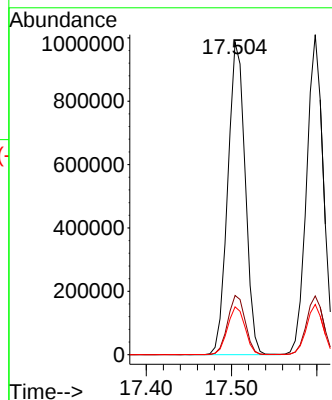
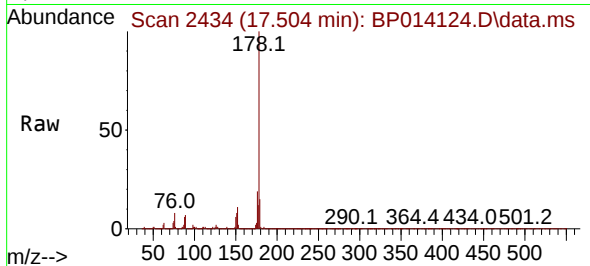
#71
Phenanthrene
Concen: 45.731 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:178 Resp: 1398554
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0

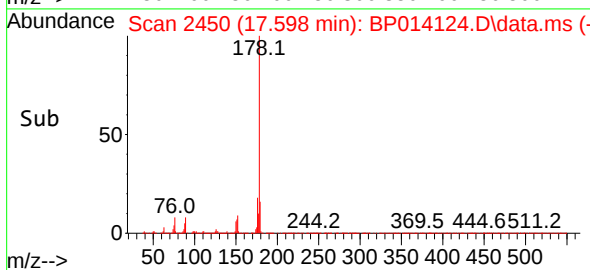
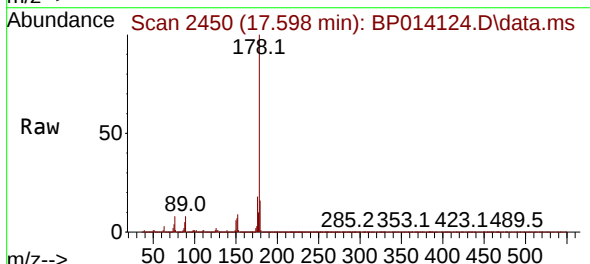
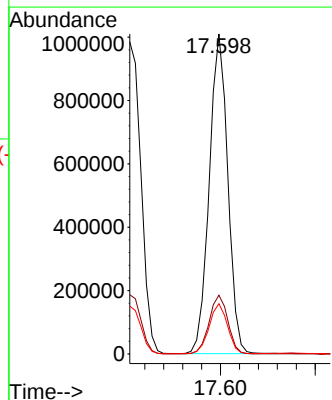
Manual Integrations
APPROVED

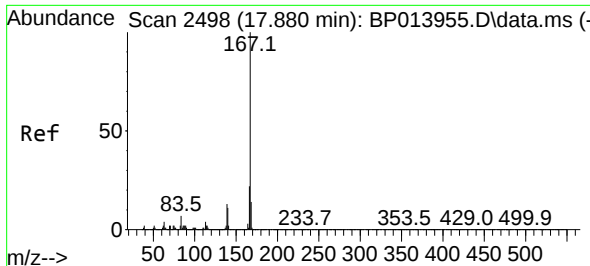
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#72
Anthracene
Concen: 43.867 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:178 Resp: 1370766
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.7 12.1 18.1





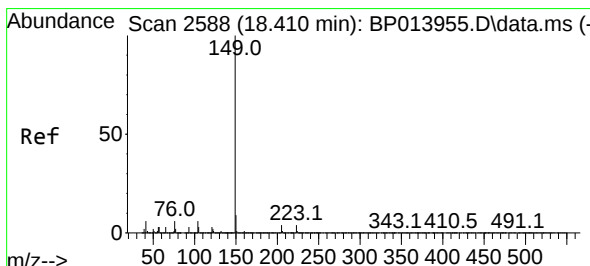
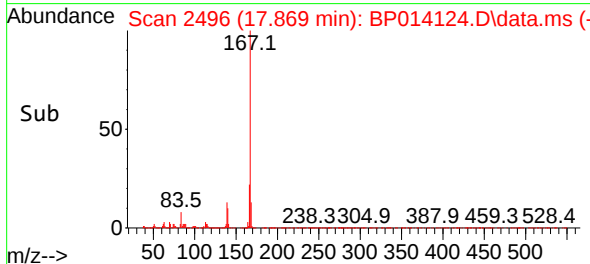
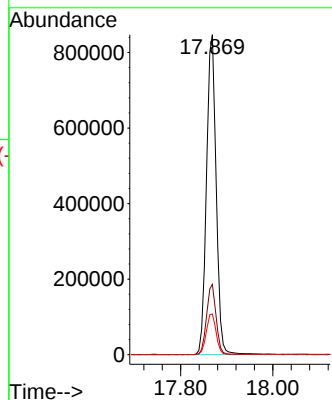
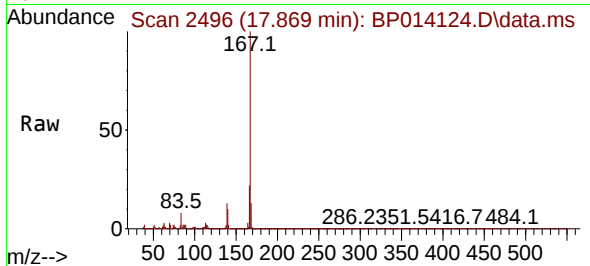
#73
 Carbazole
 Concen: 46.178 ng
 RT: 17.869 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP014124.D
 Acq: 17 Mar 2023 17:00

Instrument :
 BNA_P
 ClientSampleId :
 MC-1MS

Tgt Ion:167 Resp: 1244718
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 12.7 10.5 15.7

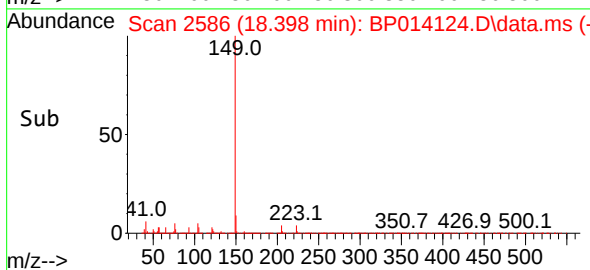
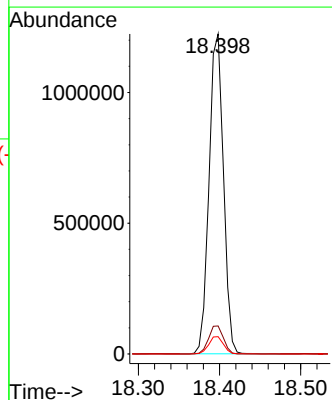
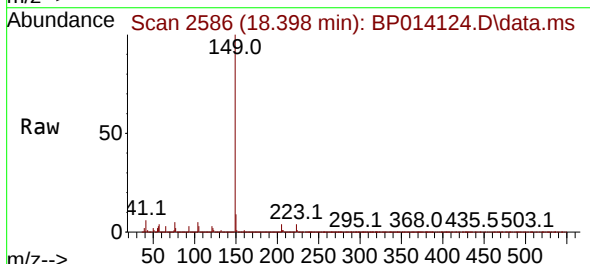
Manual Integrations
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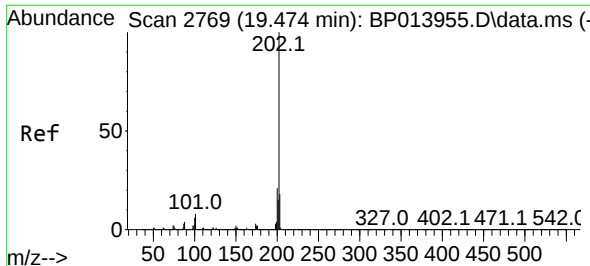
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#74
 Di-n-butylphthalate
 Concen: 44.554 ng
 RT: 18.398 min Scan# 2586
 Delta R.T. -0.000 min
 Lab File: BP014124.D
 Acq: 17 Mar 2023 17:00

Tgt Ion:149 Resp: 1501535
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.4 4.6 7.0





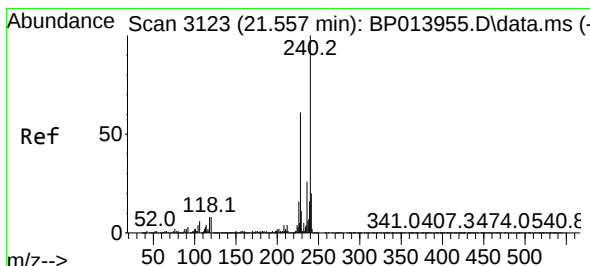
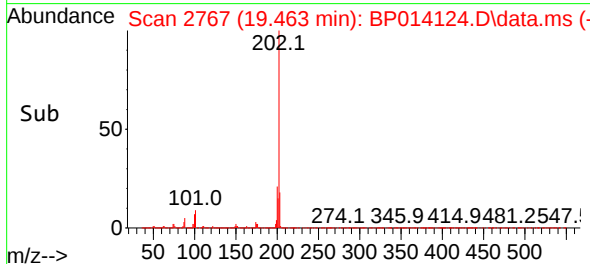
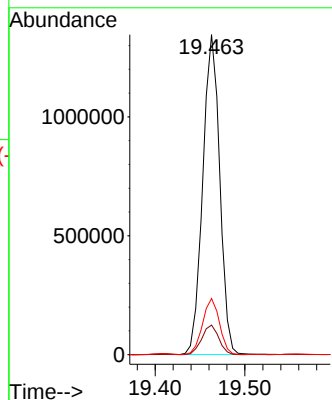
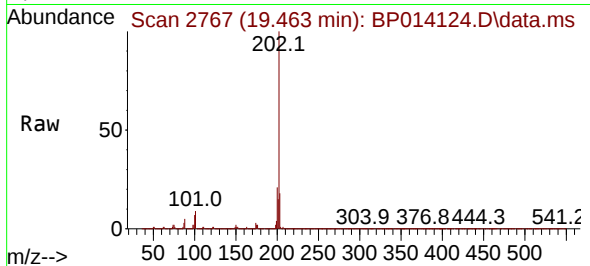
#75
Fluoranthene
Concen: 48.283 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:202 Resp: 1764909
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.9
203 17.5 0.0 37.7

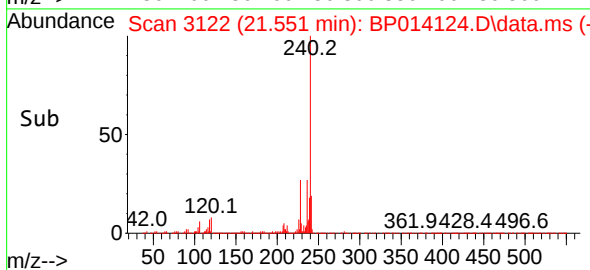
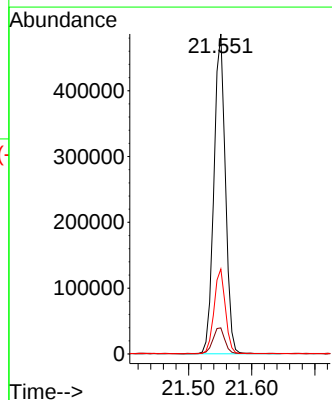
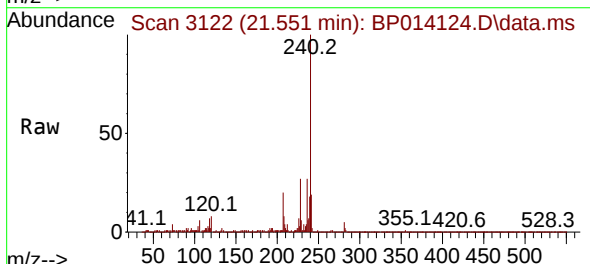
Manual Integrations
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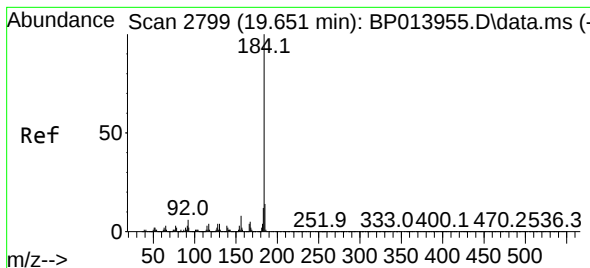
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:240 Resp: 611460
Ion Ratio Lower Upper
240 100
120 8.1 6.4 9.6
236 26.6 21.2 31.8





#77

Benzidine

Concen: 61.921 ng

RT: 19.645 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

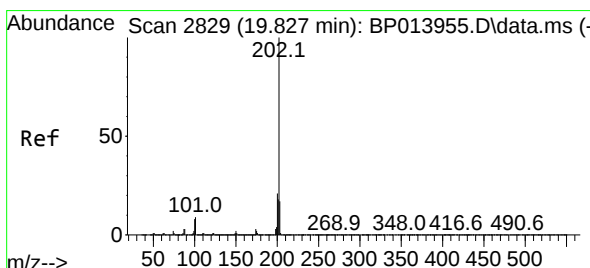
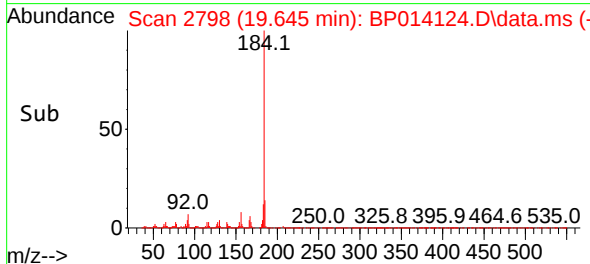
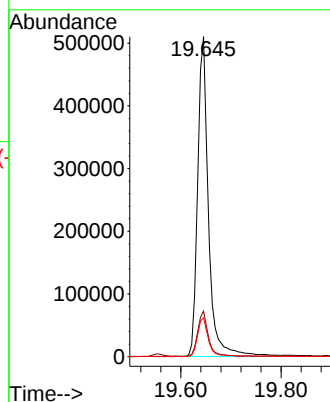
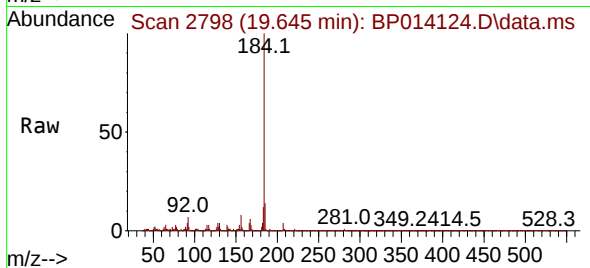
MC-1MS

Tgt Ion:184 Resp: 764794
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.6 17.4
 183 12.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#78

Pyrene

Concen: 38.603 ng

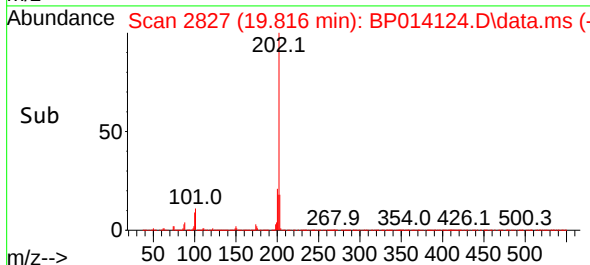
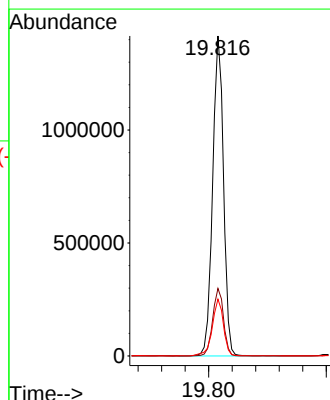
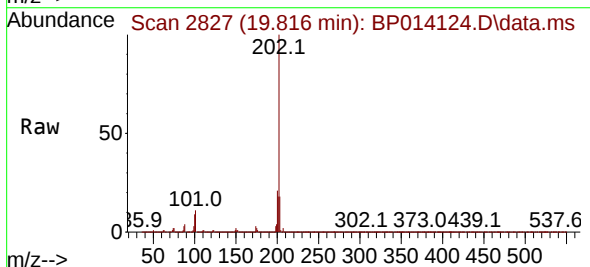
RT: 19.816 min Scan# 2827

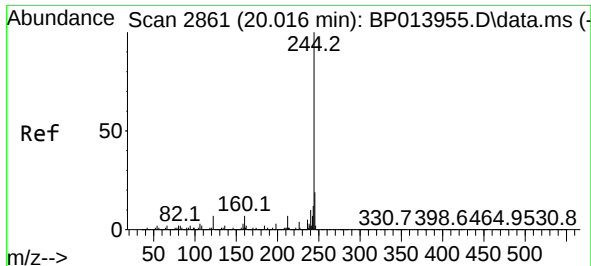
Delta R.T. -0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

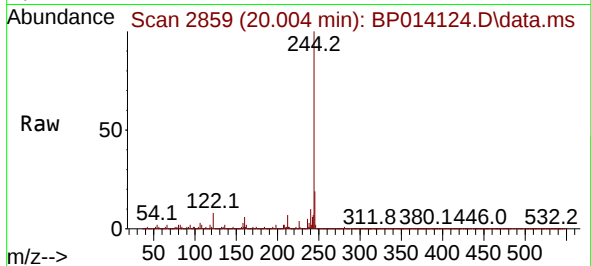
Tgt Ion:202 Resp: 1811704
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.8 13.9 20.9





#79
 Terphenyl-d14
 Concen: 53.708 ng
 RT: 20.004 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: BP014124.D
 Acq: 17 Mar 2023 17:00

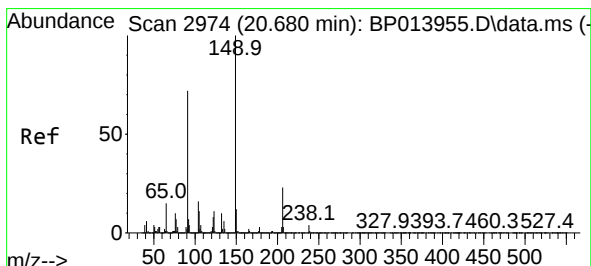
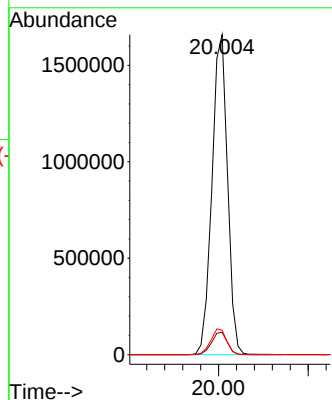
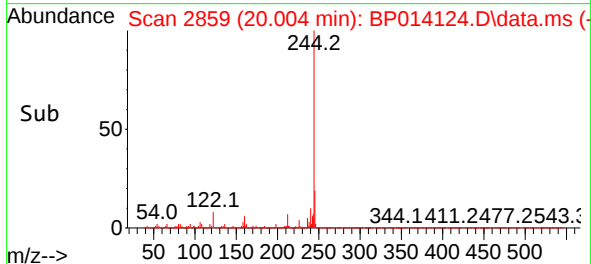
Instrument :
 BNA_P
 ClientSampleId :
 MC-1MS



Tgt Ion:244 Resp: 199158
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.7 5.8 8.6

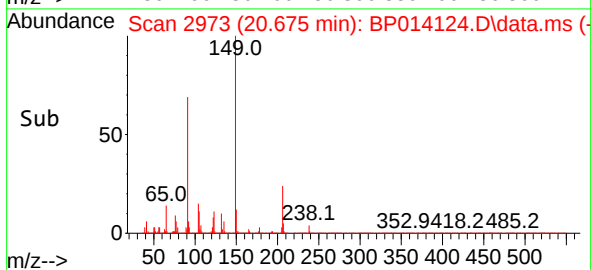
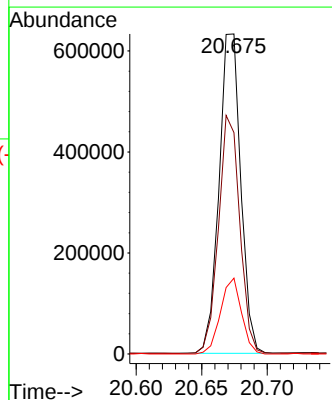
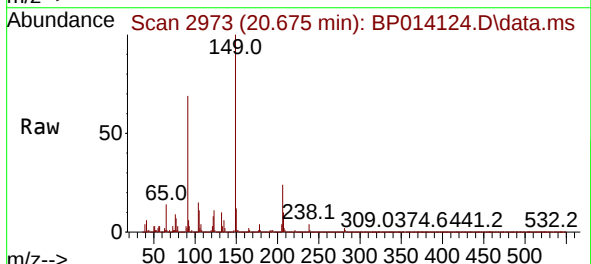
Manual Integrations
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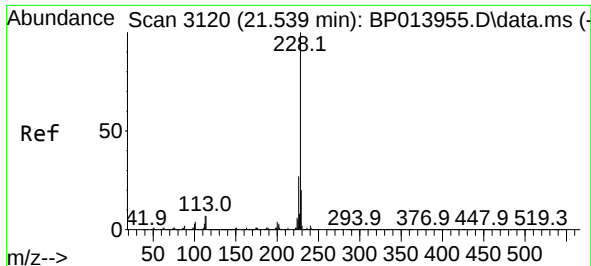
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#80
 Butylbenzylphthalate
 Concen: 40.881 ng
 RT: 20.675 min Scan# 2973
 Delta R.T. -0.000 min
 Lab File: BP014124.D
 Acq: 17 Mar 2023 17:00

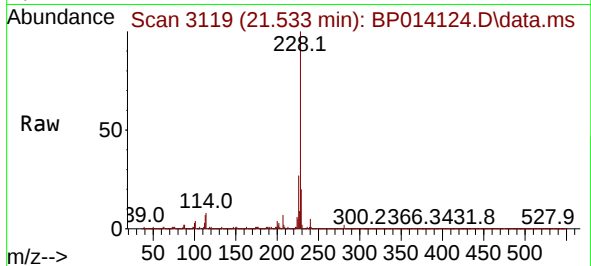
Tgt Ion:149 Resp: 727379
 Ion Ratio Lower Upper
 149 100
 91 69.2 58.0 87.0
 206 23.7 18.7 28.1





#81
Benzo(a)anthracene
Concen: 43.540 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

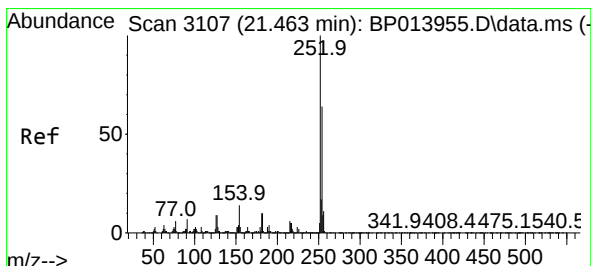
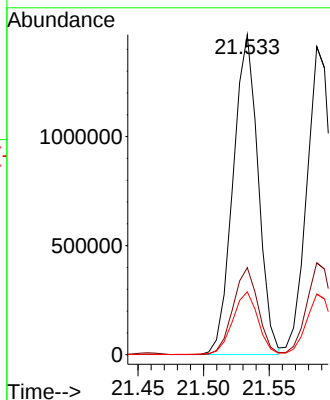
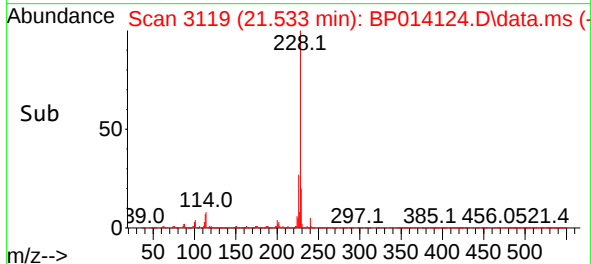
Instrument :
BNA_P
ClientSampleId :
MC-1MS



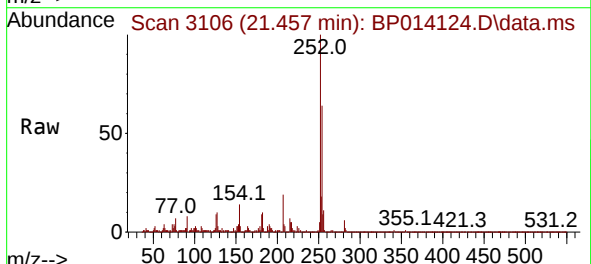
Tgt Ion:228 Resp: 195340
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
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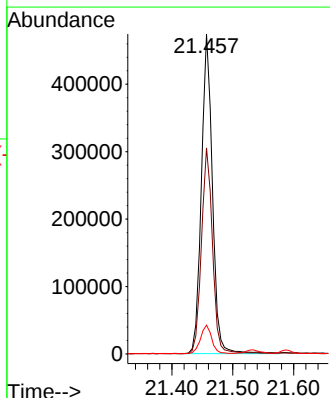
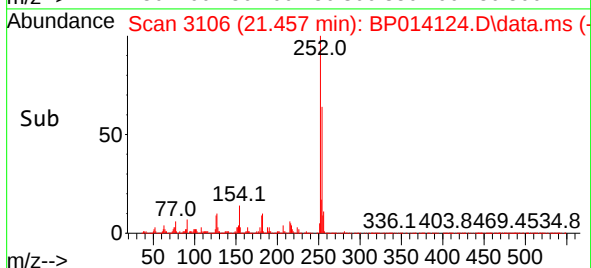
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

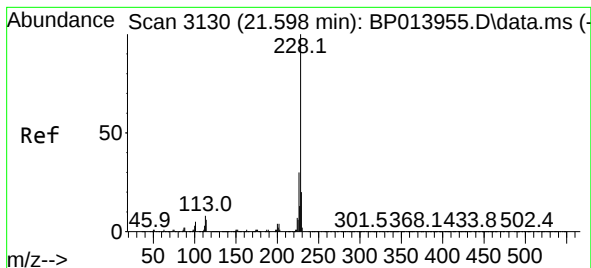


#82
3,3'-Dichlorobenzidine
Concen: 41.529 ng
RT: 21.457 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00



Tgt Ion:252 Resp: 596184
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 43.613 ng

RT: 21.586 min Scan# 311

Delta R.T. -0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

Tgt Ion:228 Resp: 185299

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

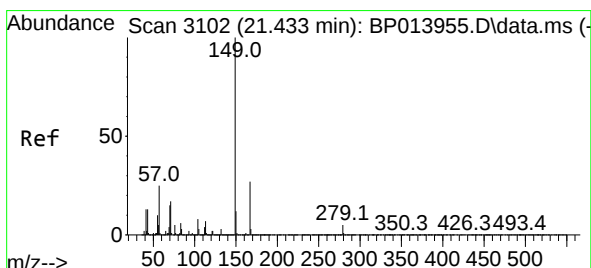
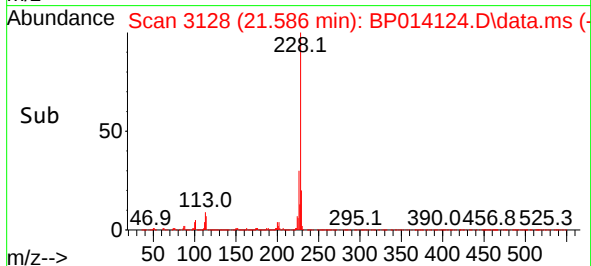
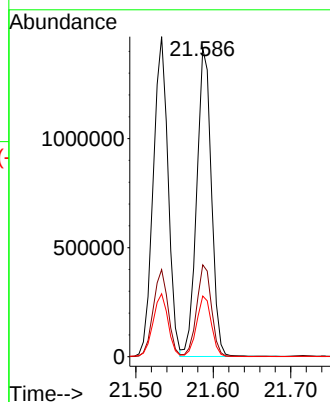
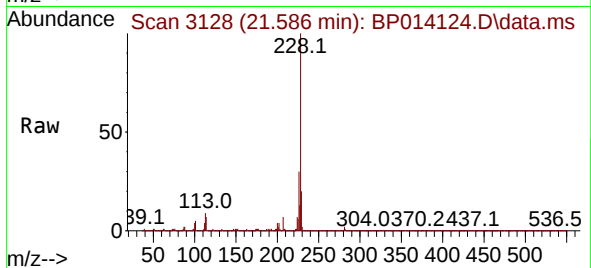
229 19.7 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.179 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

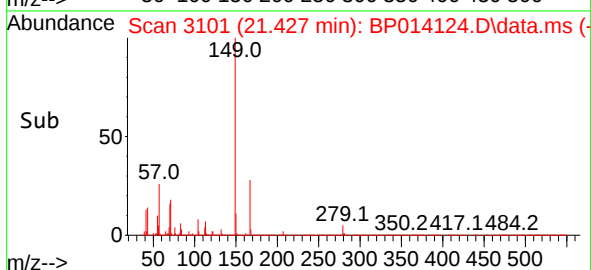
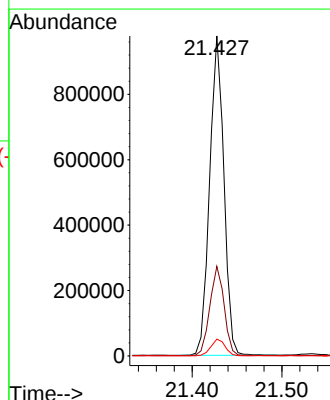
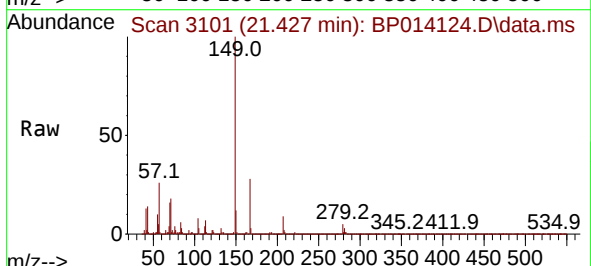
Tgt Ion:149 Resp: 1074856

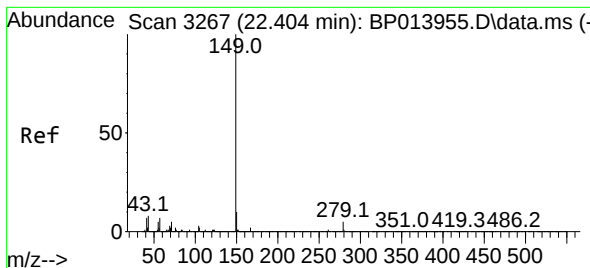
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

279 5.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 46.997 ng

RT: 22.398 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

Tgt Ion:149 Resp: 1991324

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

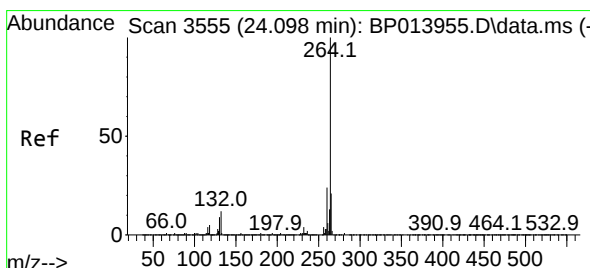
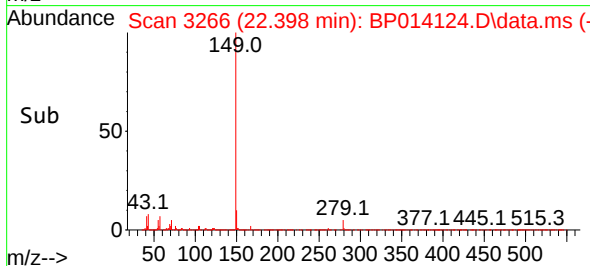
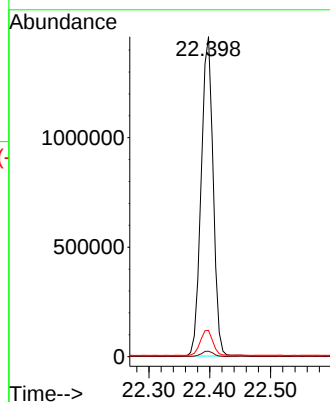
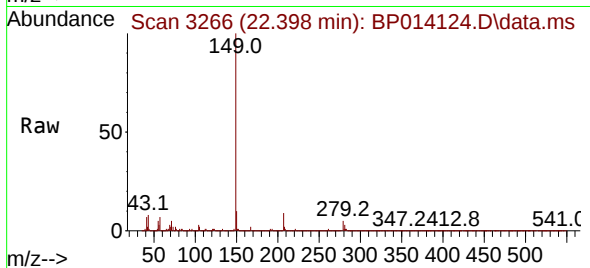
43 8.3 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.086 min Scan# 3553

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

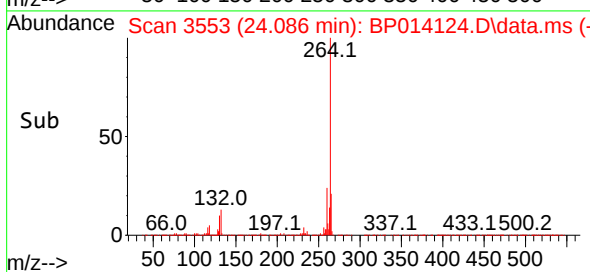
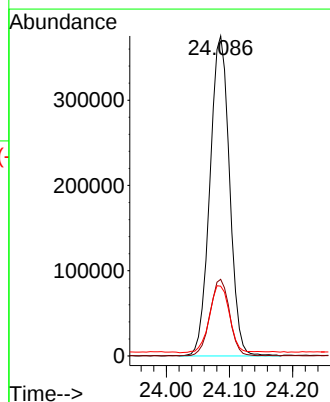
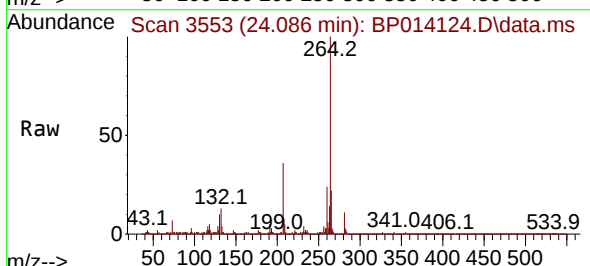
Tgt Ion:264 Resp: 809830

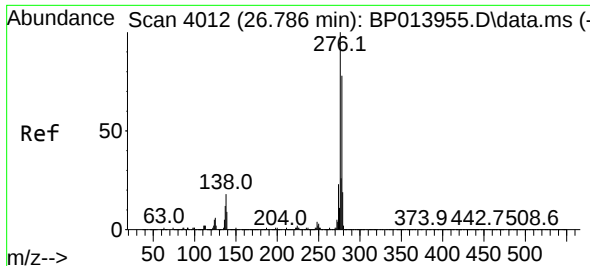
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

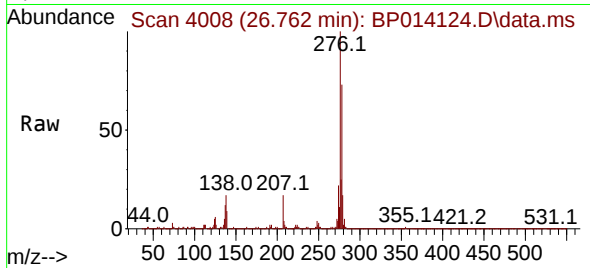
265 21.8 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.914 ng
RT: 26.762 min Scan# 4012
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

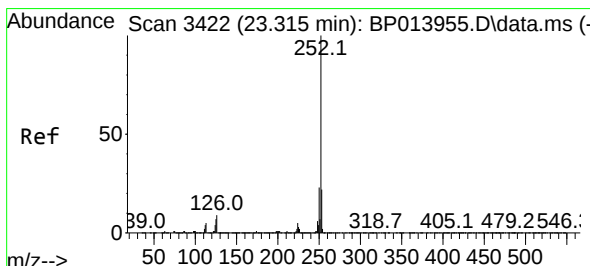
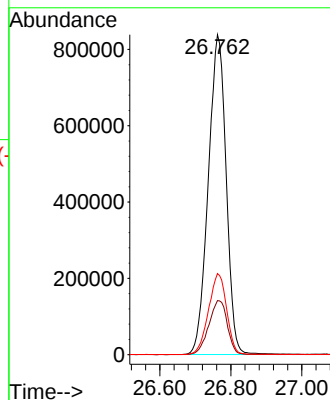
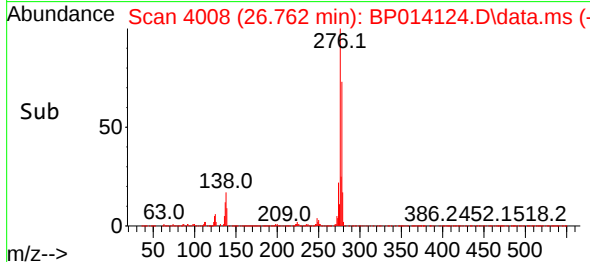
Instrument :
BNA_P
ClientSampleId :
MC-1MS



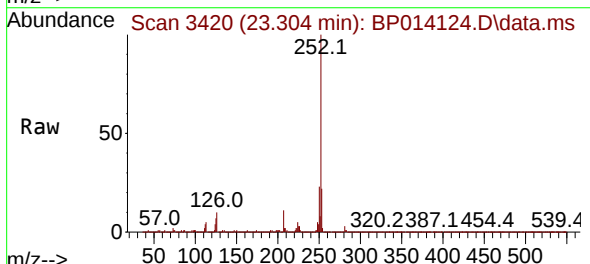
Tgt Ion: 276 Resp: 2935530
Ion Ratio Lower Upper
276 100
138 17.4 13.8 20.8
277 25.6 20.4 30.6

Manual Integrations
APPROVED

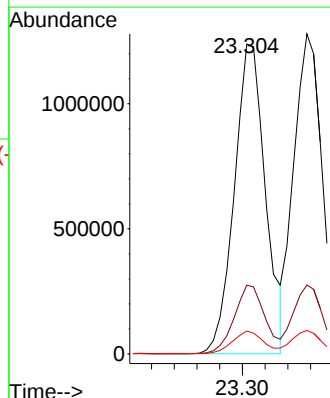
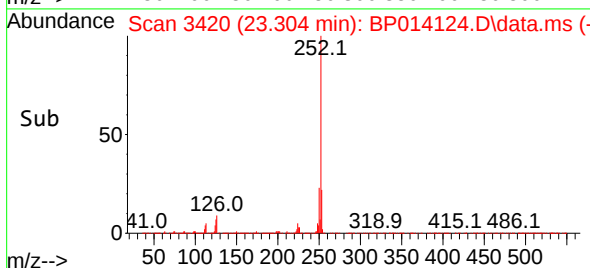
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023

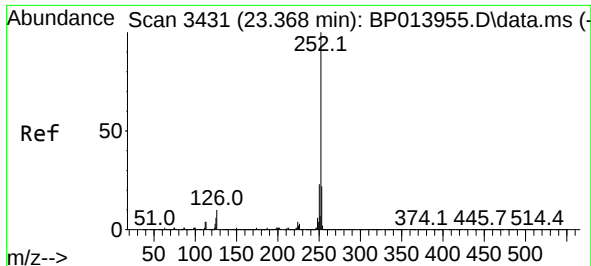


#88
Benzo(b)fluoranthene
Concen: 44.413 ng
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00



Tgt Ion: 252 Resp: 2355155
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.4 5.6 8.4





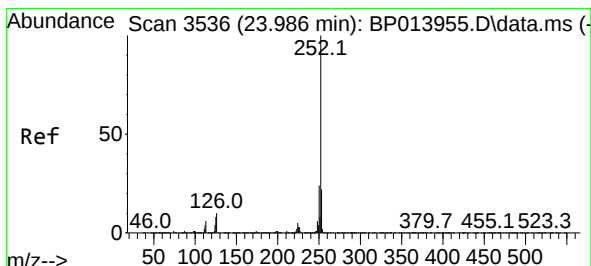
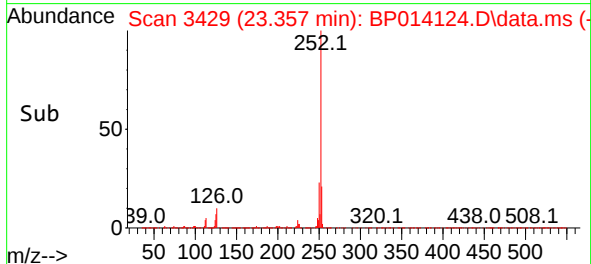
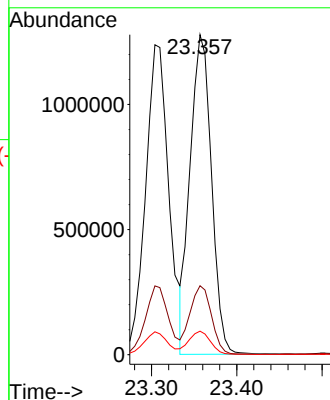
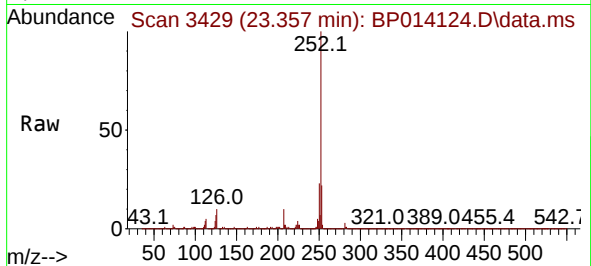
#89
Benzo(k)fluoranthene
Concen: 42.261 ng
RT: 23.357 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Tgt Ion:252 Resp: 222194
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.4 5.4 8.0

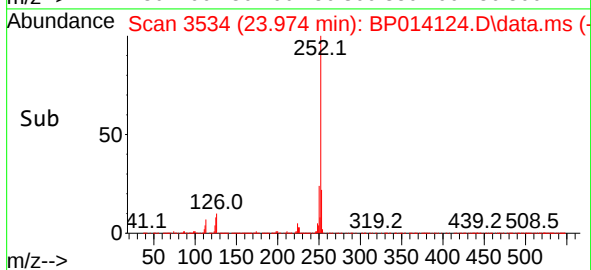
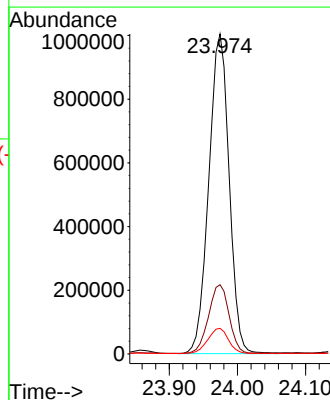
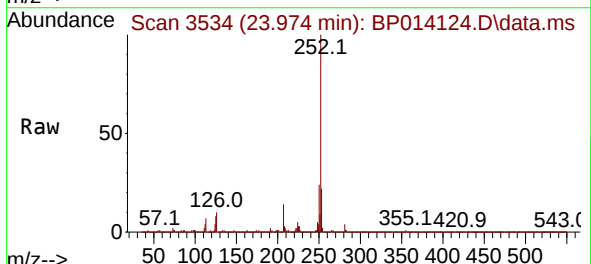
Manual Integrations
APPROVED

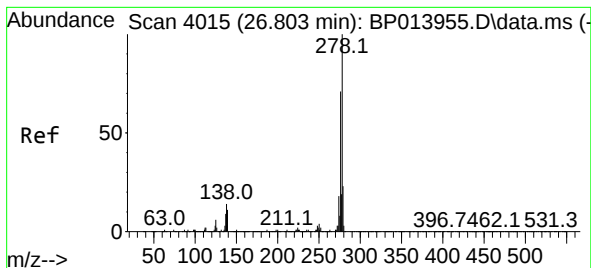
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#90
Benzo(a)pyrene
Concen: 41.206 ng
RT: 23.974 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BP014124.D
Acq: 17 Mar 2023 17:00

Tgt Ion:252 Resp: 2084208
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.0 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 46.970 ng

RT: 26.780 min Scan# 4015

Delta R.T. -0.000 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Instrument :

BNA_P

ClientSampleId :

MC-1MS

Tgt Ion:278 Resp: 244338

Ion Ratio Lower Upper

278 100

139 11.4 8.7 13.1

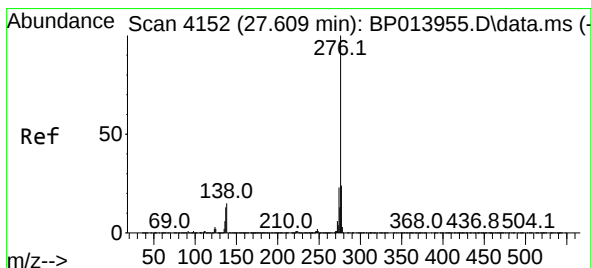
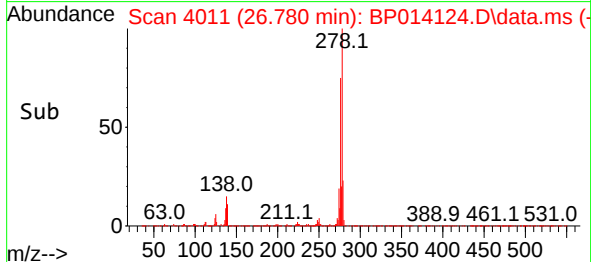
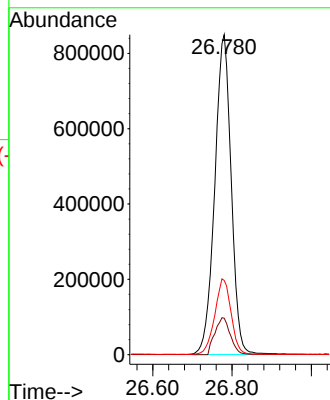
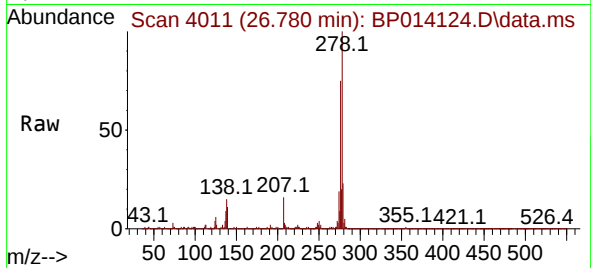
279 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#92

Benzo(g,h,i)perylene

Concen: 46.381 ng

RT: 27.592 min Scan# 4149

Delta R.T. 0.006 min

Lab File: BP014124.D

Acq: 17 Mar 2023 17:00

Tgt Ion:276 Resp: 2391093

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 14.9 12.2 18.4

