

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013560.D
 Acq On : 23 Jan 2023 22:38
 Operator : CG/JU
 Sample : PB150338BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150338BSD

Quant Time: Jan 24 05:51:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	354320	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1418931	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	755370	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1259402	20.000	ng	0.00
76) Chrysene-d12	21.627	240	765289	20.000	ng	-0.01
86) Perylene-d12	24.215	264	845134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3290921	159.137	ng	0.00
7) Phenol-d6	7.311	99	4125316	148.220	ng	0.00
23) Nitrobenzene-d5	9.340	82	2258255	105.067	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1166599	153.972	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	5305849	96.417	ng	0.00
79) Terphenyl-d14	20.080	244	4735858	111.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	328303	39.380	ng	98
3) Pyridine	3.940	79	928850	37.531	ng	99
4) n-Nitrosodimethylamine	3.852	42	490285	43.816	ng	97
6) Aniline	7.475	93	1416697	37.891	ng	99
8) 2-Chlorophenol	7.722	128	1210023	53.026	ng	98
9) Benzaldehyde	7.287	77	516493m	29.304	ng	
10) Phenol	7.334	94	1483896	51.460	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	1125307	47.726	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1279030	50.684	ng	98
13) 1,4-Dichlorobenzene	8.199	146	1305330	51.013	ng	100
14) 1,2-Dichlorobenzene	8.522	146	1254564	50.635	ng	99
15) Benzyl Alcohol	8.399	79	957189	48.135	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	1535113	47.546	ng	99
17) 2-Methylphenol	8.599	107	991466	47.343	ng	98
18) Hexachloroethane	9.257	117	459711	53.750	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	812479	45.322	ng	98
20) 3+4-Methylphenols	8.928	107	1298107	47.093	ng	98
22) Acetophenone	8.993	105	1695136	46.568	ng	99
24) Nitrobenzene	9.381	77	1174588	50.826	ng	97
25) Isophorone	9.904	82	2229182	43.726	ng	98
26) 2-Nitrophenol	10.093	139	479953	54.335	ng	98
27) 2,4-Dimethylphenol	10.146	122	1100370	50.000	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	1452928	47.292	ng	100
29) 2,4-Dichlorophenol	10.634	162	1060718	52.399	ng	98
30) 1,2,4-Trichlorobenzene	10.851	180	1147516	49.673	ng	99
31) Naphthalene	11.046	128	3550761	46.547	ng	99
32) Benzoic acid	10.281	122	547669	50.725	ng	98
33) 4-Chloroaniline	11.146	127	434328	12.868	ng	99
34) Hexachlorobutadiene	11.328	225	661180	49.181	ng	99
35) Caprolactam	11.922	113	281183	42.845	ng	96
36) 4-Chloro-3-methylphenol	12.251	107	1050134	47.634	ng	98
37) 2-Methylnaphthalene	12.640	142	2405421	44.362	ng	99
38) 1-Methylnaphthalene	12.857	142	2228959	43.748	ng	100
40) 1,2,4,5-Tetrachloroben...	12.998	216	1190379	51.187	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1593475	128.052	ng	98
43) 2,4,6-Trichlorophenol	13.234	196	746966	54.880	ng	99

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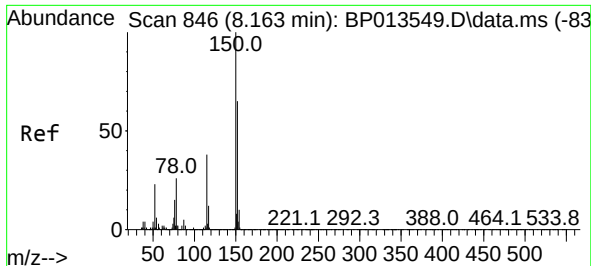
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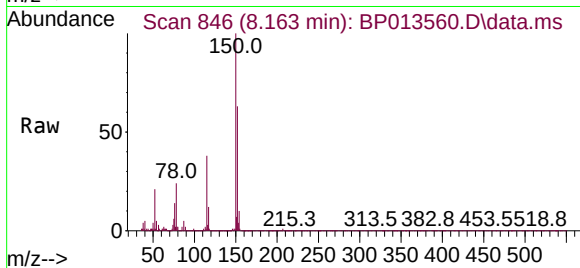
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	815066	50.677	ng	98
46) 1,1'-Biphenyl	13.634	154	2999379	49.442	ng	99
47) 2-Chloronaphthalene	13.681	162	2272013	49.991	ng	99
48) 2-Nitroaniline	13.875	65	542316	47.754	ng	94
49) Acenaphthylene	14.522	152	3520247	47.363	ng	99
50) Dimethylphthalate	14.251	163	2563777	45.659	ng	100
51) 2,6-Dinitrotoluene	14.363	165	524246	47.807	ng	95
52) Acenaphthene	14.863	154	2323394	50.606	ng	99
53) 3-Nitroaniline	14.692	138	322120	28.179	ng	# 96
54) 2,4-Dinitrophenol	14.898	184	376805	86.997	ng	95
55) Dibenzofuran	15.198	168	3235217	45.954	ng	98
56) 4-Nitrophenol	14.987	139	843974	88.170	ng	94
57) 2,4-Dinitrotoluene	15.151	165	641219	49.130	ng	89
58) Fluorene	15.845	166	2501873	44.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	620996	50.284	ng	98
60) Diethylphthalate	15.610	149	2377658	43.355	ng	99
61) 4-Chlorophenyl-phenyle...	15.834	204	1240658	45.091	ng	99
62) 4-Nitroaniline	15.857	138	483695	40.895	ng	95
63) Azobenzene	16.128	77	2316816	43.475	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	227310	53.825	ng	97
66) n-Nitrosodiphenylamine	16.045	169	2118262	51.576	ng	99
67) 4-Bromophenyl-phenylether	16.734	248	715303	51.275	ng	98
68) Hexachlorobenzene	16.851	284	815401	54.112	ng	99
69) Atrazine	16.998	200	603677	51.372	ng	98
70) Pentachlorophenol	17.192	266	841670	83.443	ng	99
71) Phenanthrene	17.592	178	3366600	48.045	ng	100
72) Anthracene	17.686	178	3380677	47.536	ng	99
73) Carbazole	17.945	167	2836354	44.379	ng	100
74) Di-n-butylphthalate	18.486	149	3166555	44.516	ng	100
75) Fluoranthene	19.539	202	3030329	40.667	ng	100
77) Benzidine	19.710	184	1175168	61.056	ng	99
78) Pyrene	19.892	202	3117771	53.280	ng	100
80) Butylbenzylphthalate	20.751	149	988666	53.065	ng	98
81) Benzo(a)anthracene	21.610	228	2564945	48.109	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	550166	32.027	ng	99
83) Chrysene	21.669	228	2450423	48.054	ng	99
84) Bis(2-ethylhexyl)phtha...	21.522	149	1432520	48.043	ng	100
85) Di-n-octyl phthalate	22.510	149	2340230	48.682	ng	99
87) Indeno(1,2,3-cd)pyrene	26.962	276	3615834	58.085	ng	100
88) Benzo(b)fluoranthene	23.421	252	2605613	50.117	ng	99
89) Benzo(k)fluoranthene	23.474	252	2676653	50.476	ng	99
90) Benzo(a)pyrene	24.104	252	2349640	46.589	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	3053337	58.476	ng	99
92) Benzo(g,h,i)perylene	27.804	276	3006112	58.980	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

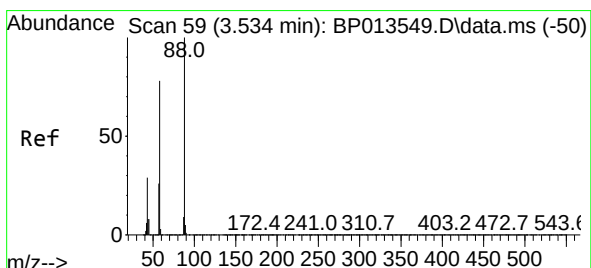
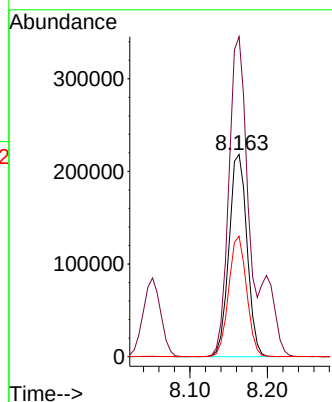
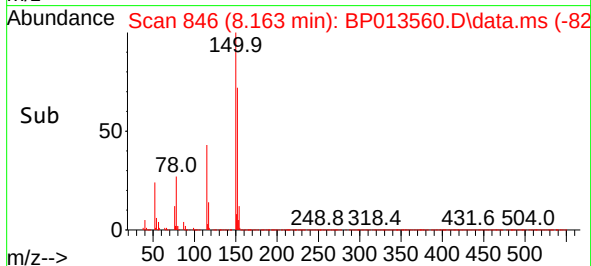
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



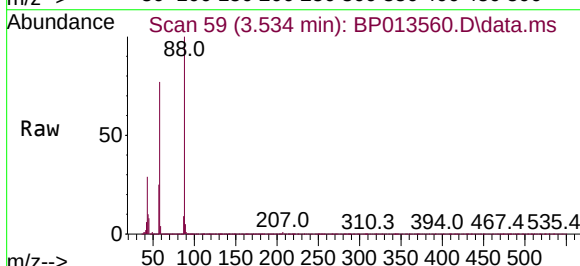
Tgt Ion:152 Resp: 354320
Ion Ratio Lower Upper
152 100
150 158.3 122.4 183.6
115 59.6 46.1 69.1

Manual Integrations
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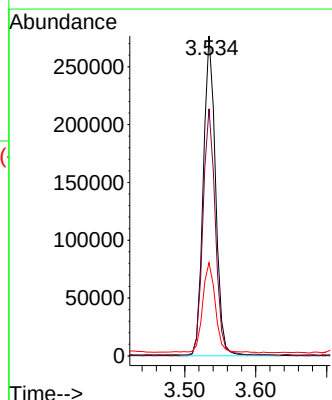
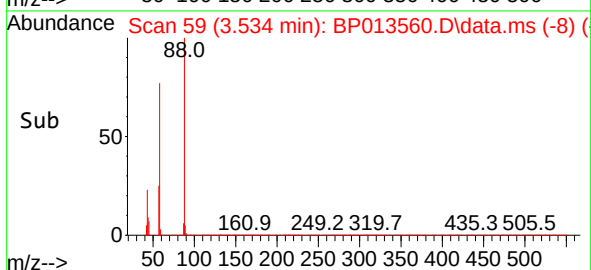
Reviewed By :Christian Giraldo 01/24/2023
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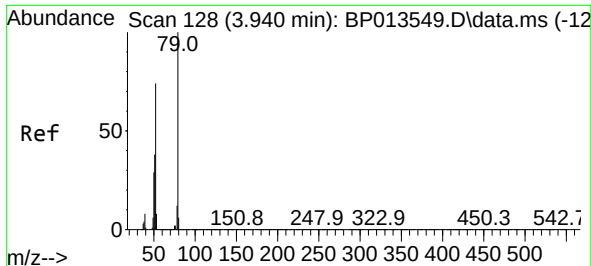


#2
1,4-Dioxane
Concen: 39.380 ng
RT: 3.534 min Scan# 59
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



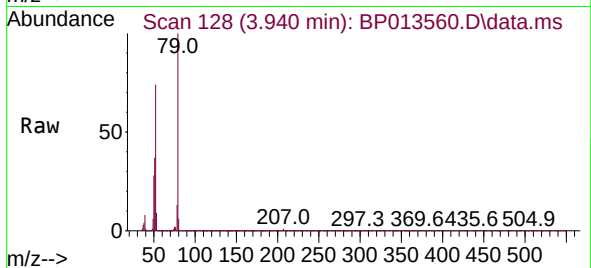
Tgt Ion: 88 Resp: 328303
Ion Ratio Lower Upper
88 100
58 77.4 63.6 95.4
43 29.6 24.2 36.2





#3
Pyridine
Concen: 37.531 ng
RT: 3.940 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

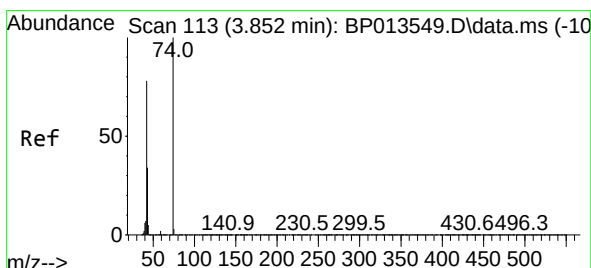
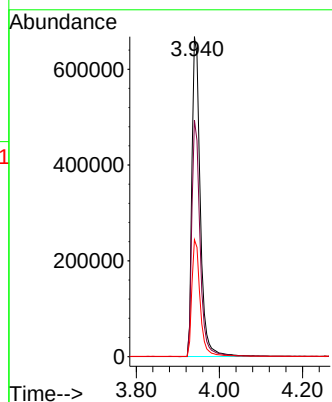
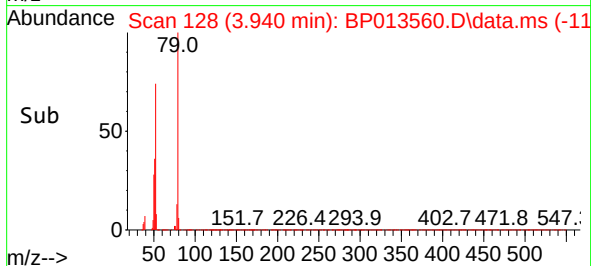
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



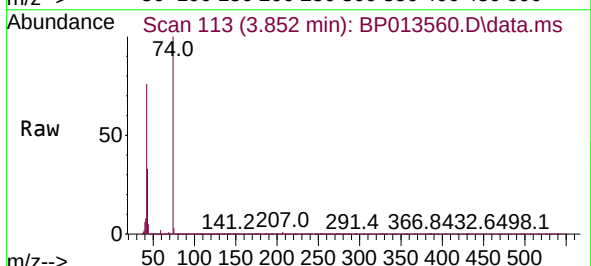
Tgt Ion: 79 Resp: 928850
Ion Ratio Lower Upper
79 100
52 73.9 59.4 89.2
51 36.5 30.6 45.8

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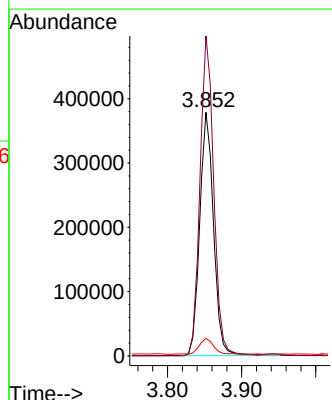
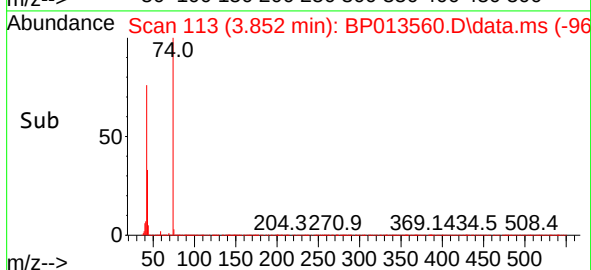
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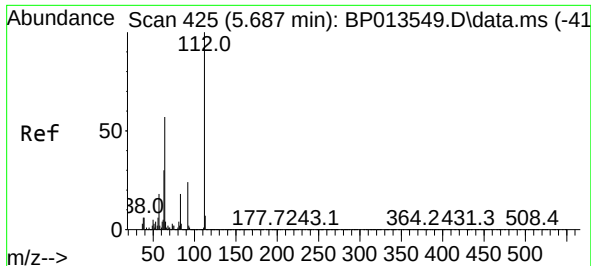


#4
n-Nitrosodimethylamine
Concen: 43.816 ng
RT: 3.852 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



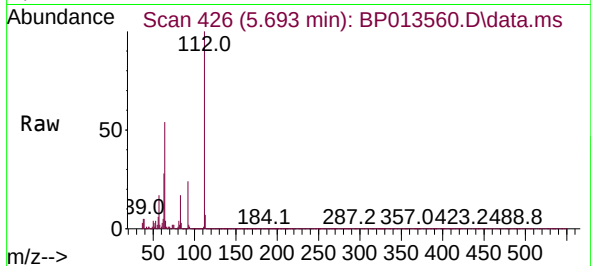
Tgt Ion: 42 Resp: 490285
Ion Ratio Lower Upper
42 100
74 131.3 102.3 153.5
44 7.2 6.2 9.2





#5
2-Fluorophenol
Concen: 159.137 ng
RT: 5.693 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

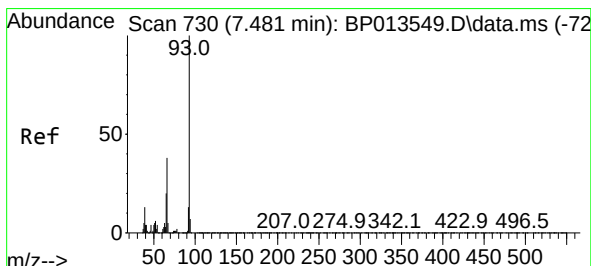
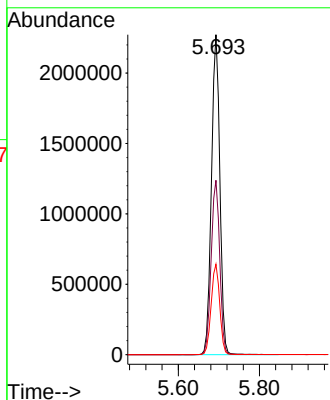
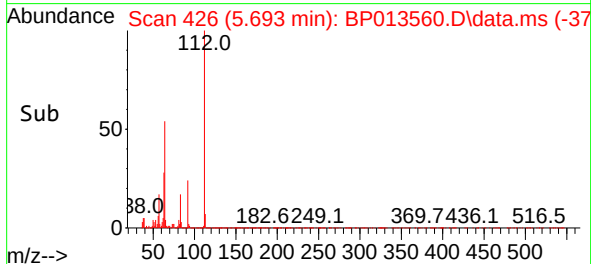
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ClientSampleId :
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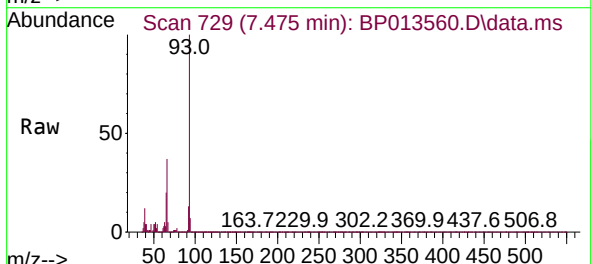
Tgt Ion:112 Resp: 329092
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.2 24.1 36.1

Manual Integrations
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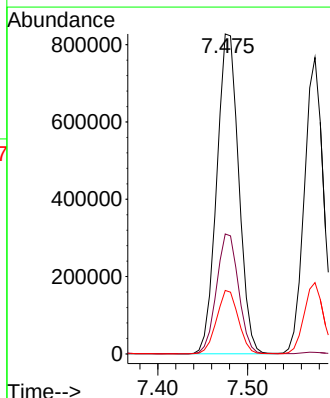
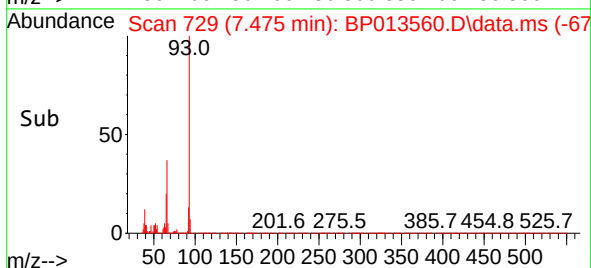
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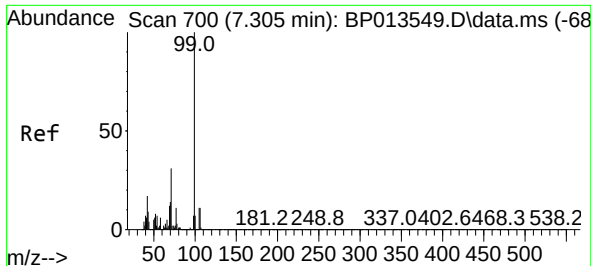


#6
Aniline
Concen: 37.891 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



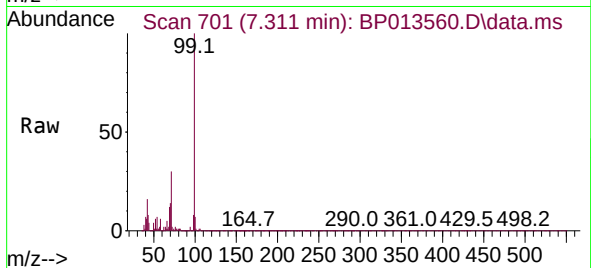
Tgt Ion: 93 Resp: 1416697
Ion Ratio Lower Upper
93 100
66 37.5 30.3 45.5
65 19.8 15.9 23.9





#7
Phenol-d6
Concen: 148.220 ng
RT: 7.311 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

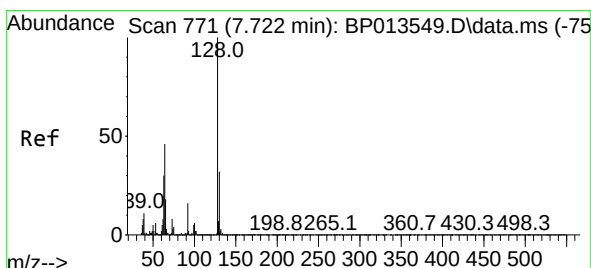
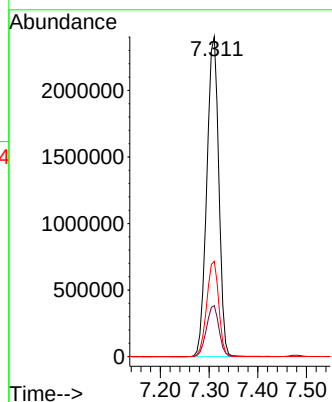
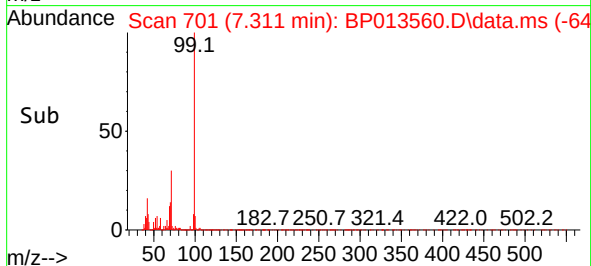
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion: 99 Resp: 4125316
Ion Ratio Lower Upper
99 100
42 15.9 14.0 21.0
71 29.8 24.7 37.1

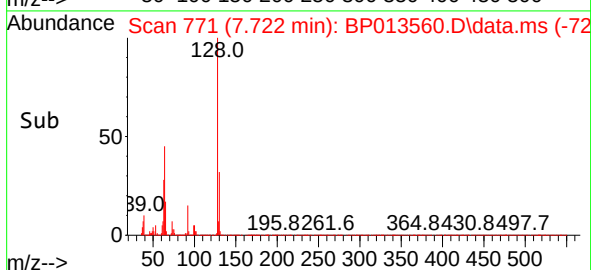
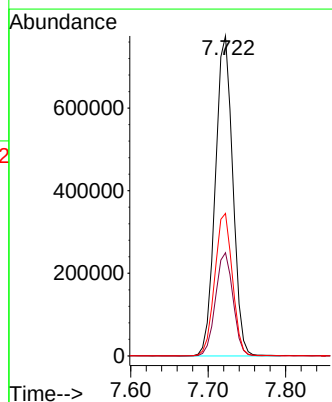
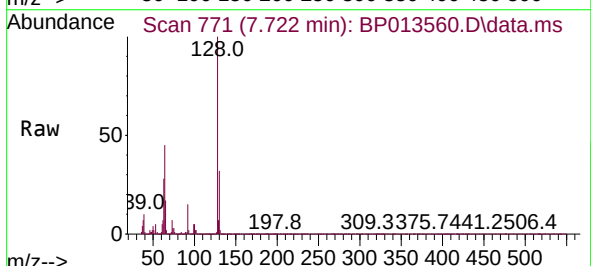
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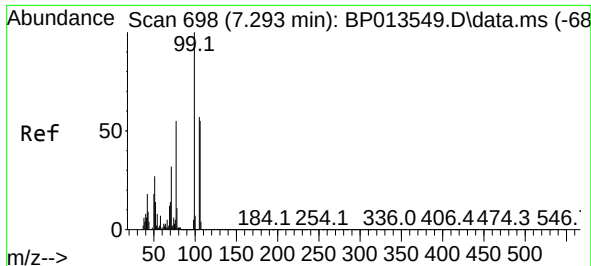
Reviewed By :Christian Giraldo 01/24/2023
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#8
2-Chlorophenol
Concen: 53.026 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

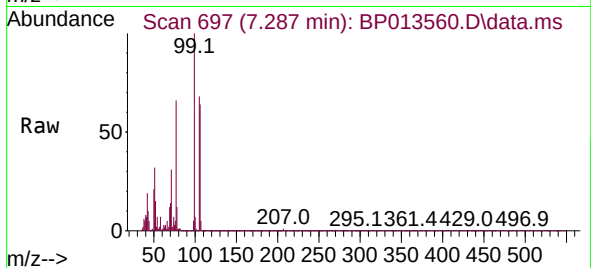
Tgt Ion:128 Resp: 1210023
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 44.5 26.2 66.2





#9
Benzaldehyde
Concen: 29.304 ng m
RT: 7.287 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

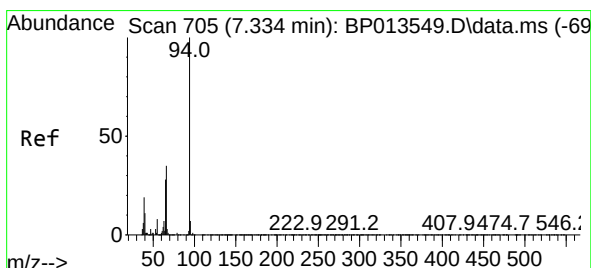
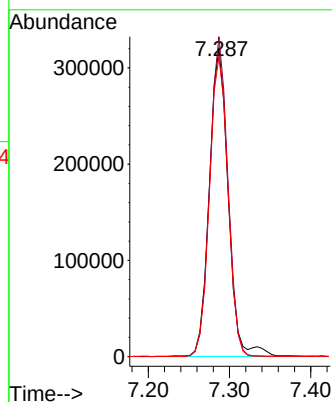
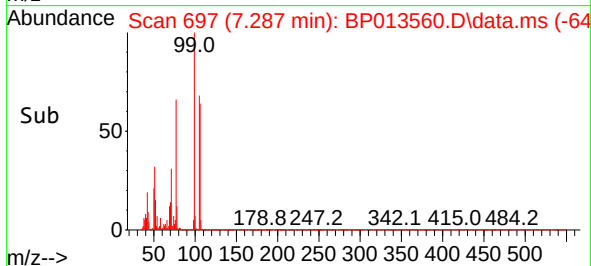
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion: 77 Resp: 516493
Ion Ratio Lower Upper
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106 97.1 78.9 118.9

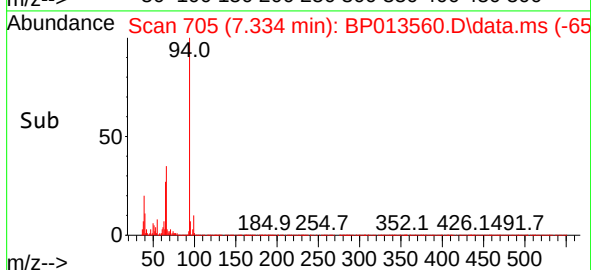
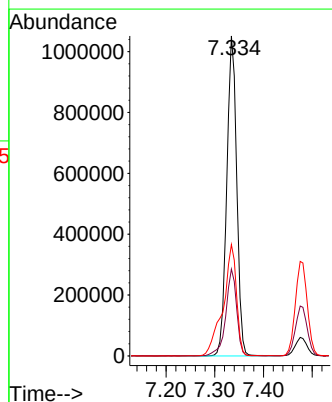
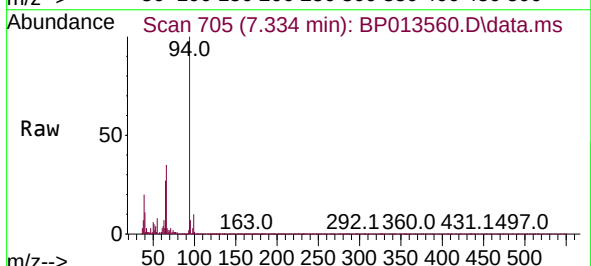
Manual Integrations
APPROVED

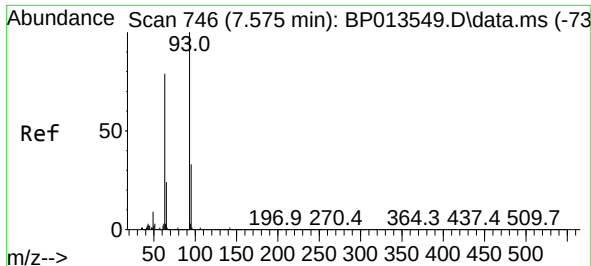
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 51.460 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

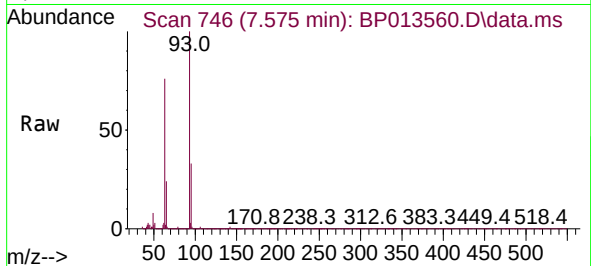
Tgt Ion: 94 Resp: 1483896
Ion Ratio Lower Upper
94 100
65 27.1 7.8 47.8
66 34.8 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 47.726 ng
RT: 7.575 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

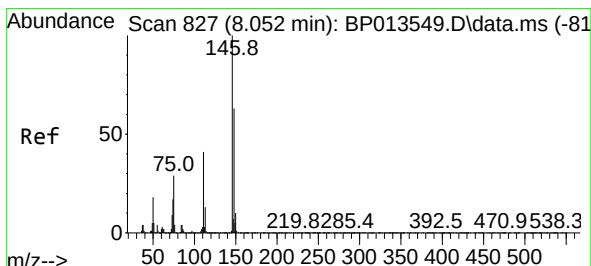
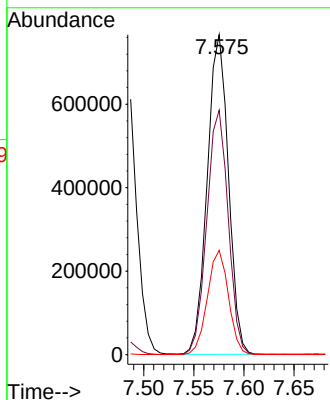
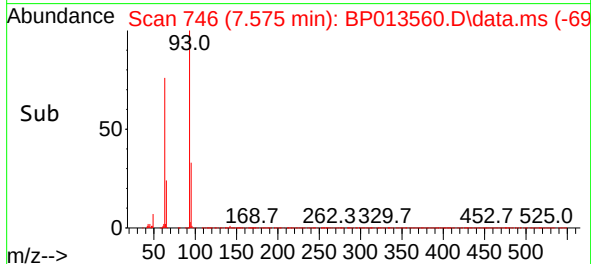
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



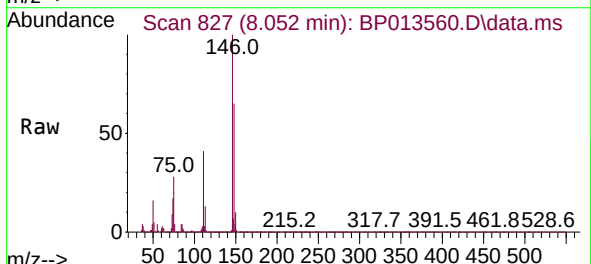
Tgt Ion: 93 Resp: 1125307
Ion Ratio Lower Upper
93 100
63 76.4 58.7 98.7
95 32.6 12.8 52.8

Manual Integrations
APPROVED

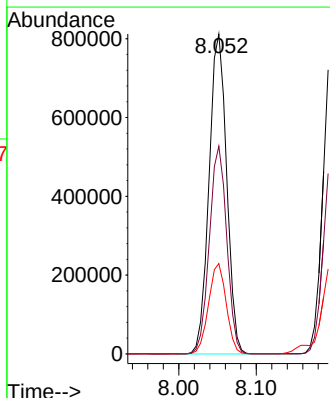
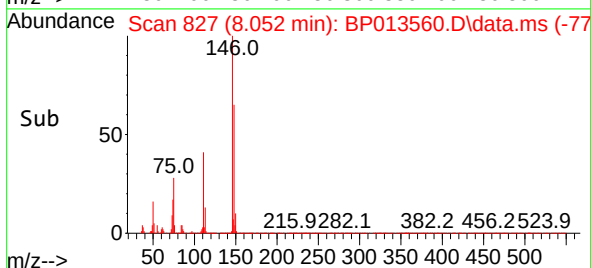
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

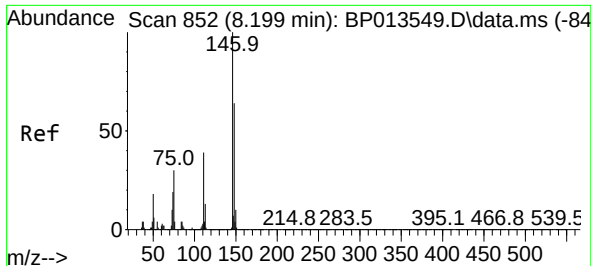


#12
1,3-Dichlorobenzene
Concen: 50.684 ng
RT: 8.052 min Scan# 827
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



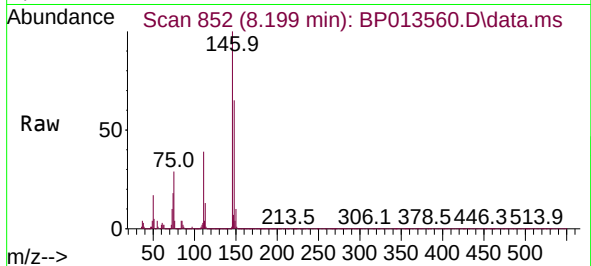
Tgt Ion:146 Resp: 1279030
Ion Ratio Lower Upper
146 100
148 64.9 50.7 76.1
75 28.2 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 51.013 ng
RT: 8.199 min Scan# 852
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

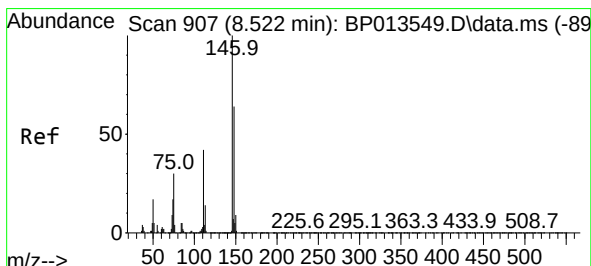
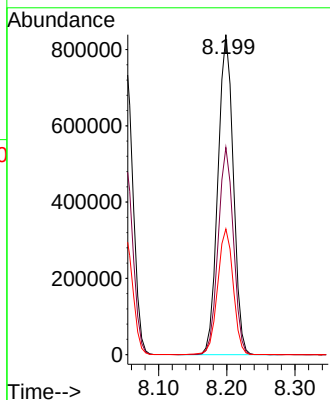
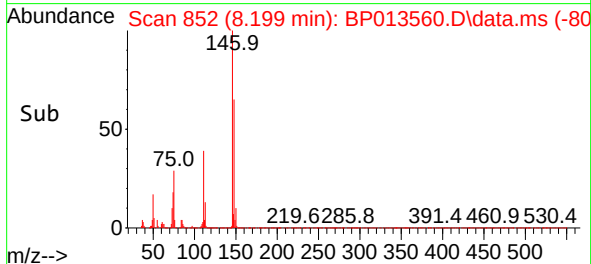
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



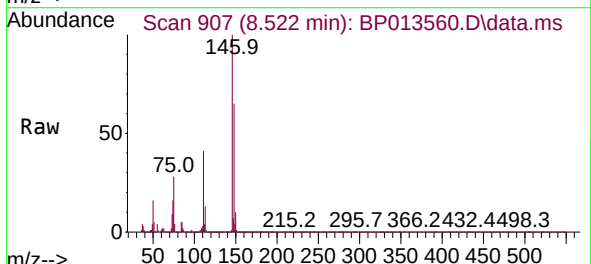
Tgt Ion:146 Resp: 1305330
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 39.3 31.4 47.2

Manual Integrations
APPROVED

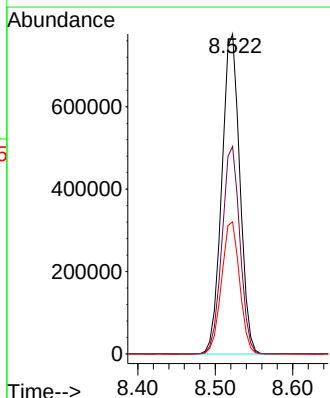
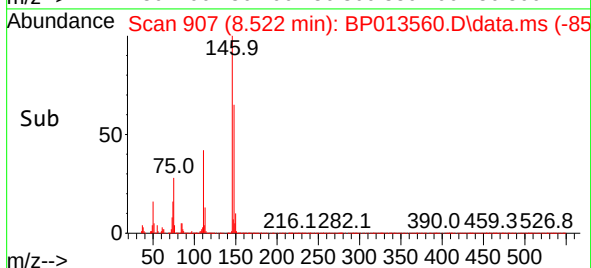
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

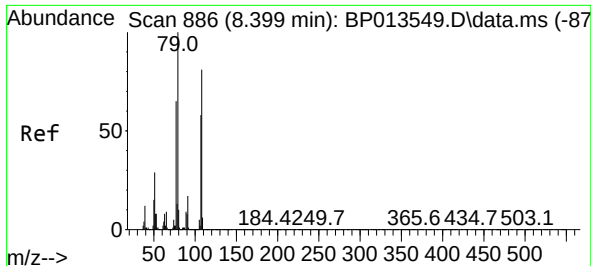


#14
1,2-Dichlorobenzene
Concen: 50.635 ng
RT: 8.522 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



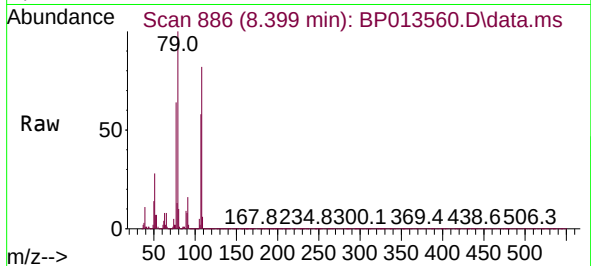
Tgt Ion:146 Resp: 1254564
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 41.3 33.4 50.2





#15
Benzyl Alcohol
Concen: 48.135 ng
RT: 8.399 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

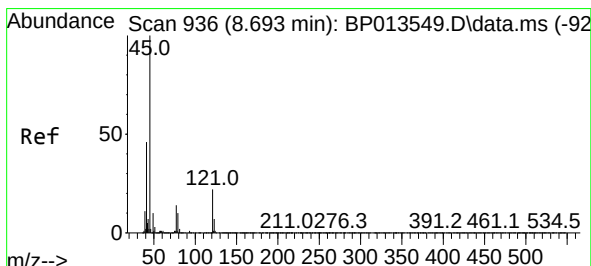
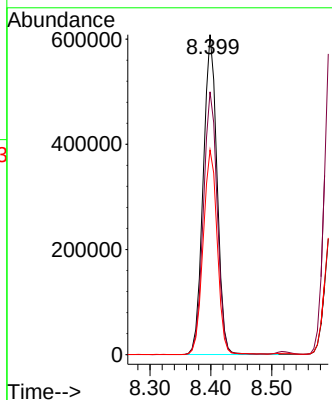
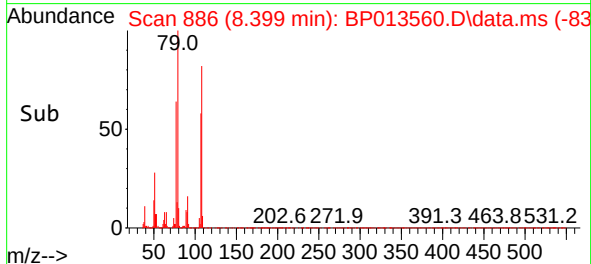
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



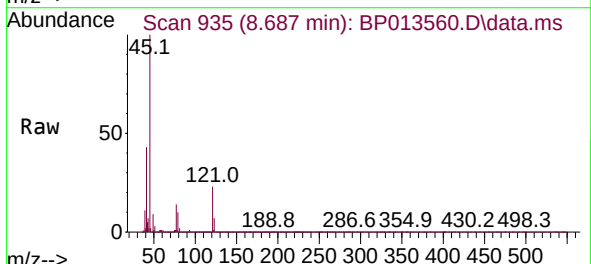
Tgt Ion: 79 Resp: 957189
Ion Ratio Lower Upper
79 100
108 82.1 65.2 97.8
77 64.0 52.3 78.5

Manual Integrations
APPROVED

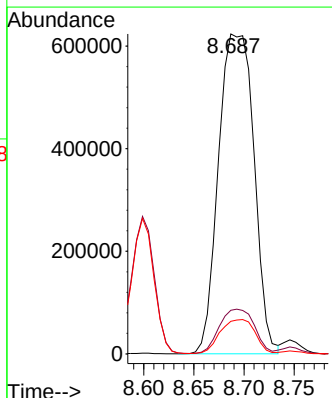
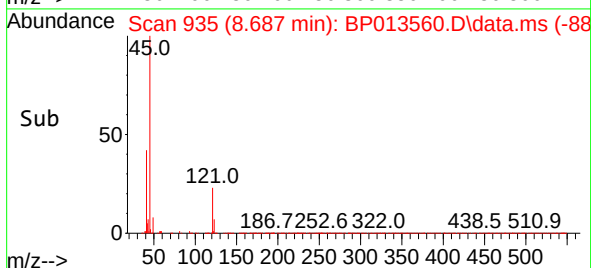
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

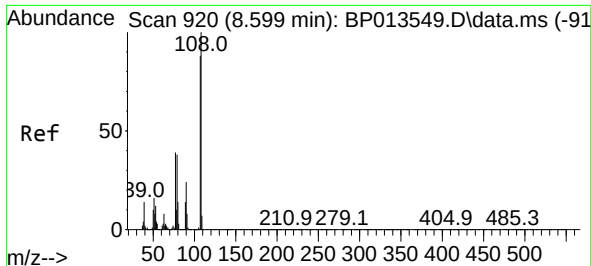


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.546 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



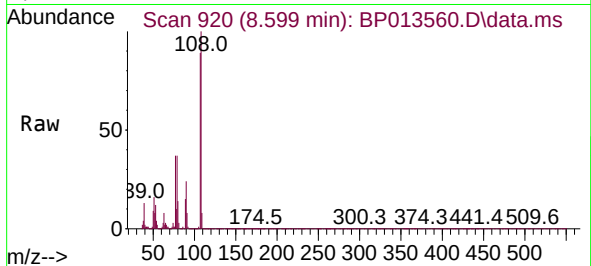
Tgt Ion: 45 Resp: 1535113
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.2 0.0 30.4





#17
2-Methylphenol
Concen: 47.343 ng
RT: 8.599 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

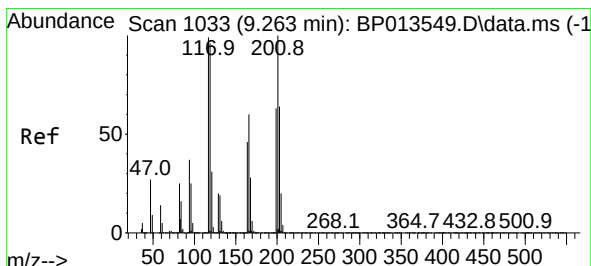
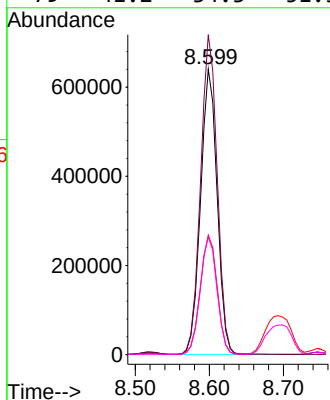
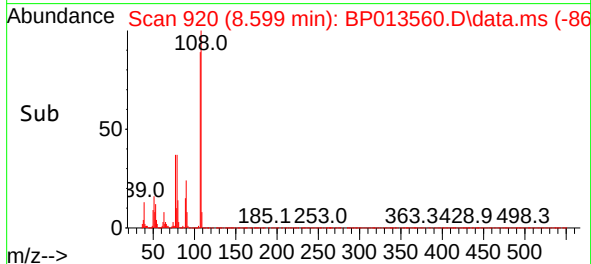
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



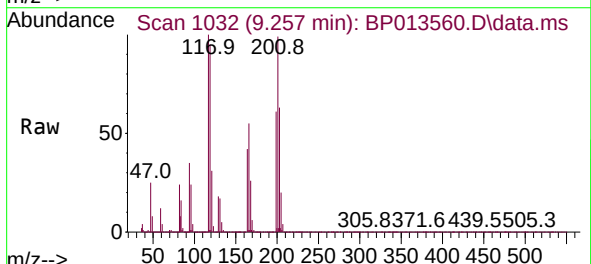
Tgt Ion:107 Resp: 991466
Ion Ratio Lower Upper
107 100
108 112.1 90.5 135.7
77 41.8 35.4 53.2
79 41.2 34.3 51.5

Manual Integrations
APPROVED

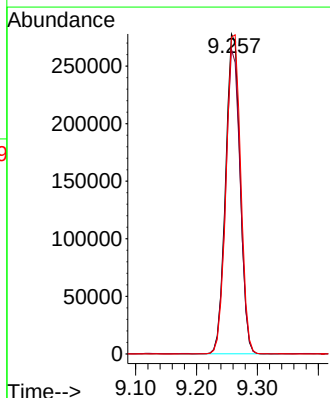
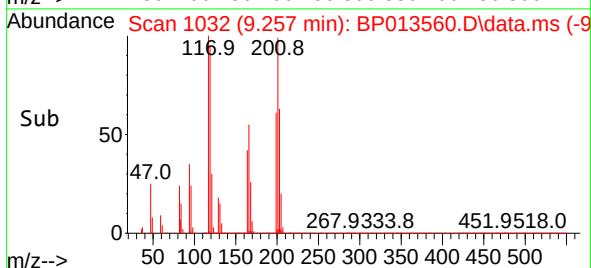
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

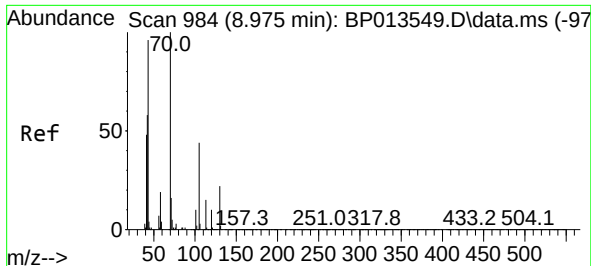


#18
Hexachloroethane
Concen: 53.750 ng
RT: 9.257 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



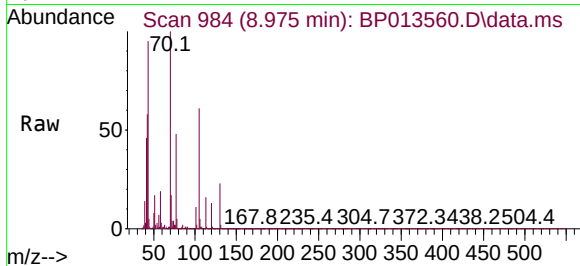
Tgt Ion:117 Resp: 459711
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6
201 99.0 80.6 120.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.322 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

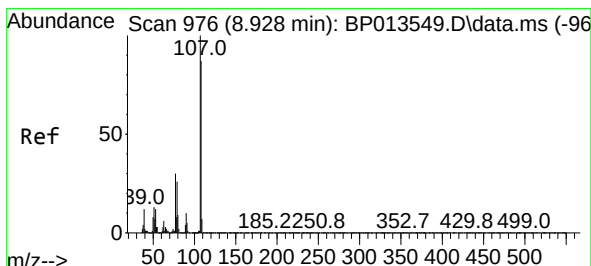
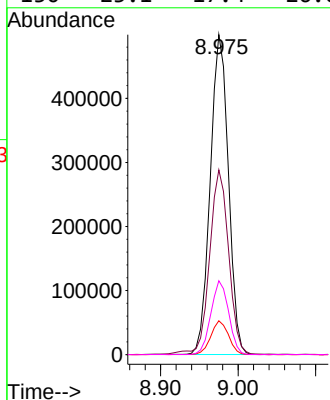
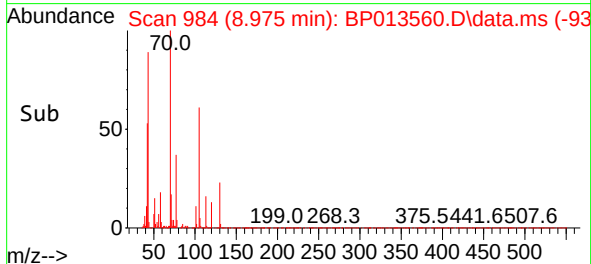
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



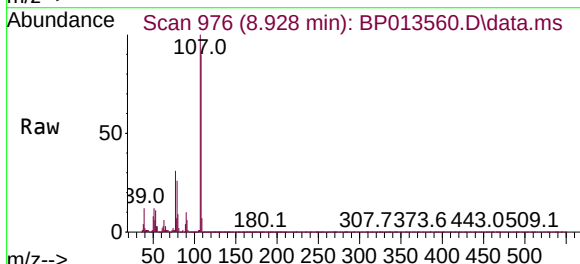
Tgt Ion: 70 Resp: 812479
Ion Ratio Lower Upper
70 100
42 57.7 47.2 70.8
101 10.6 8.0 12.0
130 23.1 17.4 26.0

Manual Integrations
APPROVED

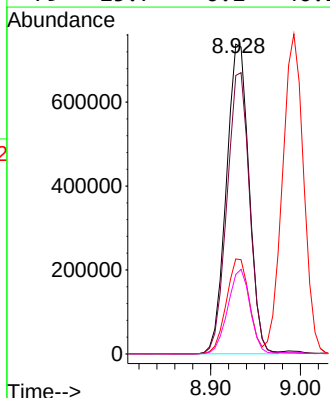
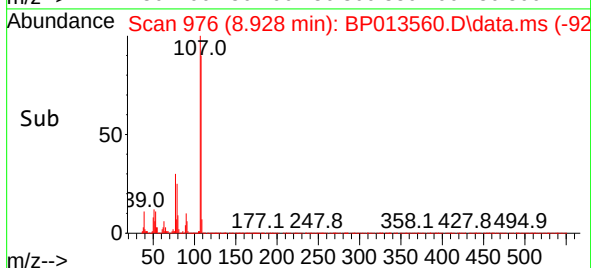
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

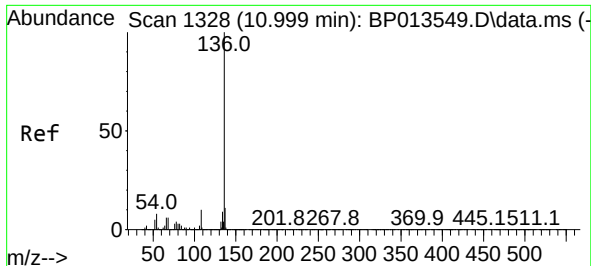


#20
3+4-Methylphenols
Concen: 47.093 ng
RT: 8.928 min Scan# 976
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



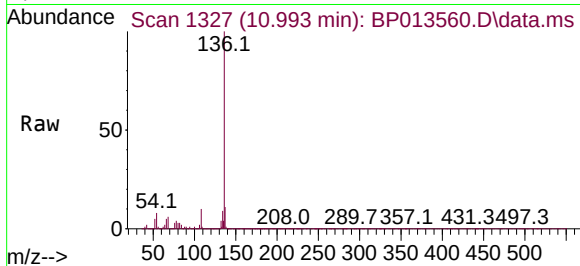
Tgt Ion:107 Resp: 1298107
Ion Ratio Lower Upper
107 100
108 89.9 67.5 107.5
77 30.7 10.5 50.5
79 25.7 6.2 46.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

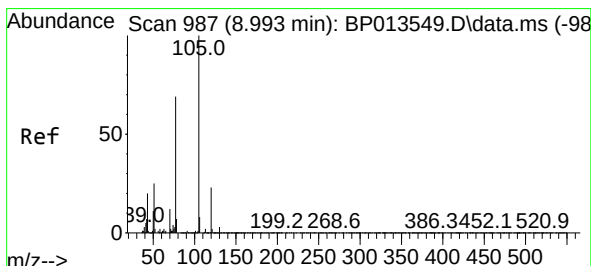
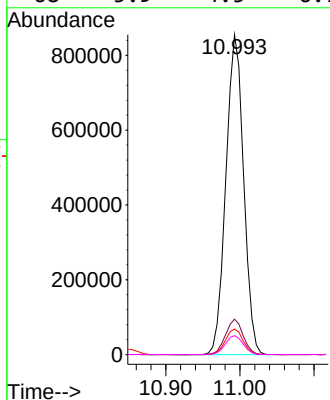
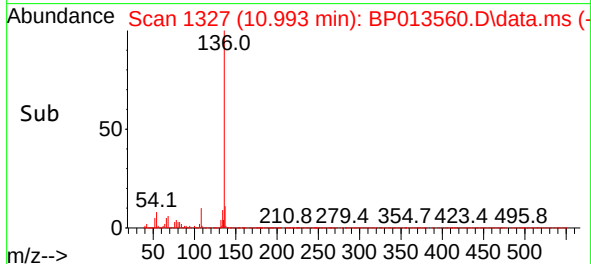
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:136 Resp: 1418931
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.0 6.6 9.8
68 5.9 4.5 6.7

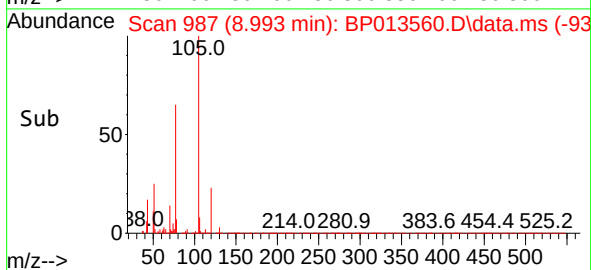
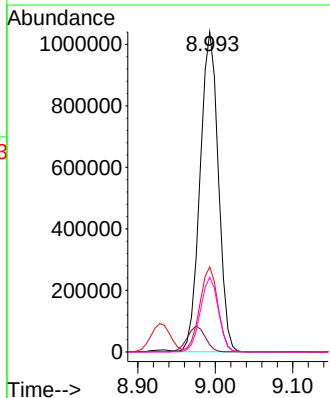
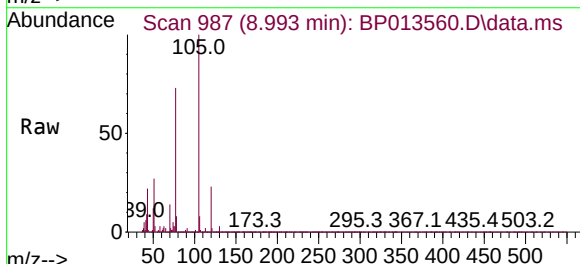
Manual Integrations
APPROVED

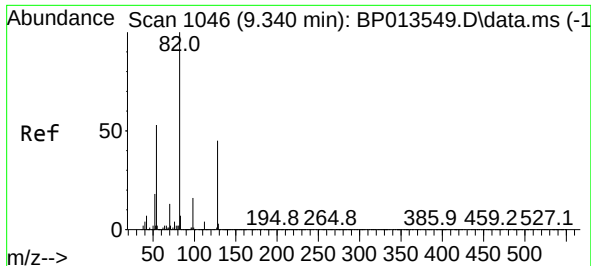
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 46.568 ng
RT: 8.993 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

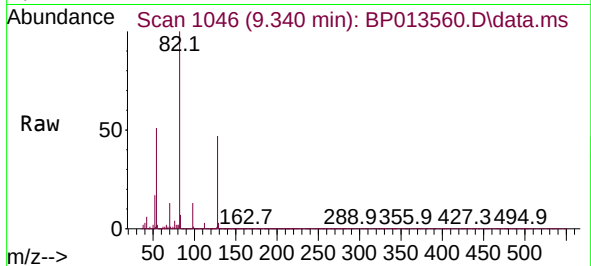
Tgt Ion:105 Resp: 1695136
Ion Ratio Lower Upper
105 100
71 2.2 1.8 2.8
51 26.6 21.1 31.7
120 23.3 18.2 27.2





#23
Nitrobenzene-d5
Concen: 105.067 ng
RT: 9.340 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

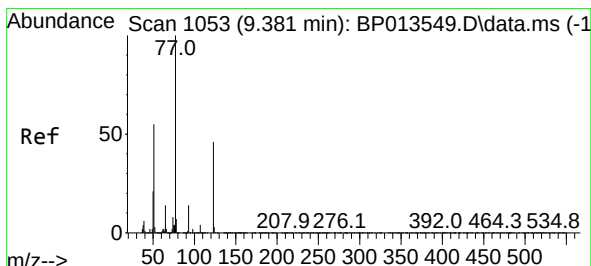
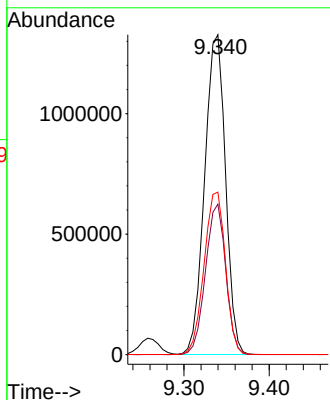
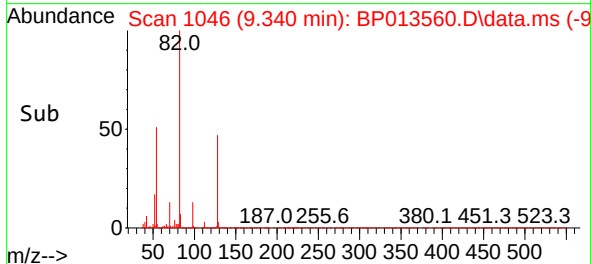
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



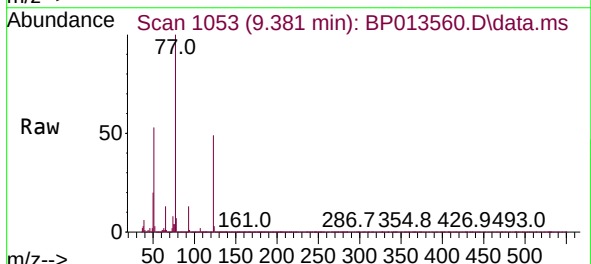
Tgt Ion: 82 Resp: 2258255
Ion Ratio Lower Upper
82 100
128 47.0 35.8 53.6
54 50.8 42.6 64.0

Manual Integrations
APPROVED

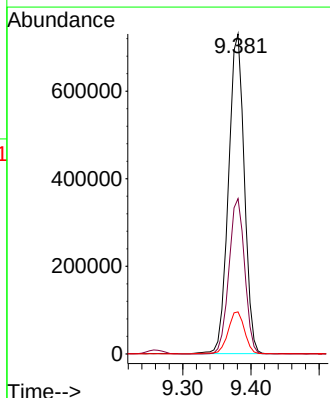
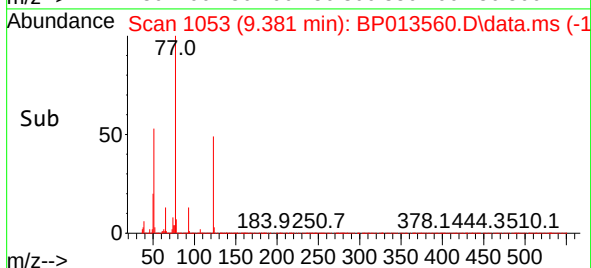
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

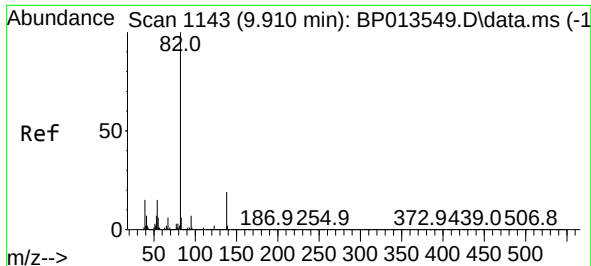


#24
Nitrobenzene
Concen: 50.826 ng
RT: 9.381 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



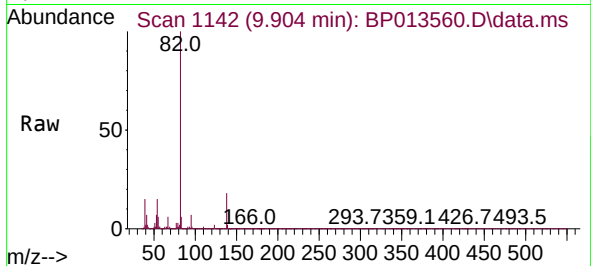
Tgt Ion: 77 Resp: 1174588
Ion Ratio Lower Upper
77 100
123 48.5 37.2 55.8
65 13.1 11.1 16.7





#25
Isophorone
Concen: 43.726 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

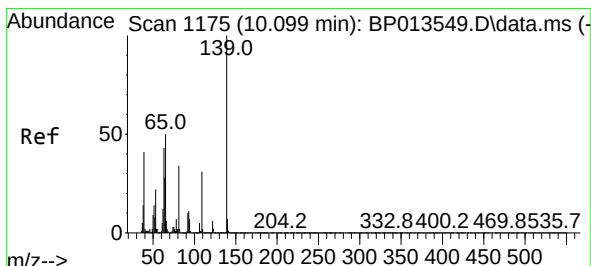
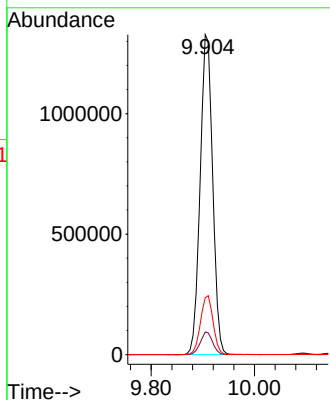
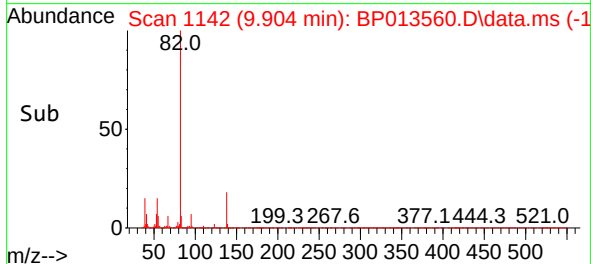
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion: 82 Resp: 222918
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 17.8 15.1 22.7

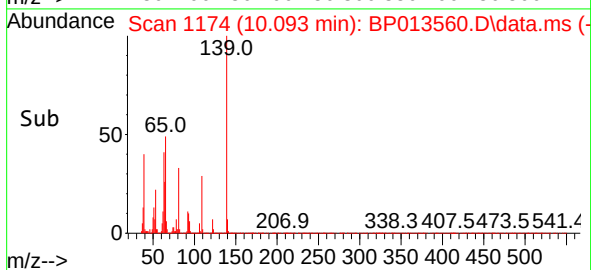
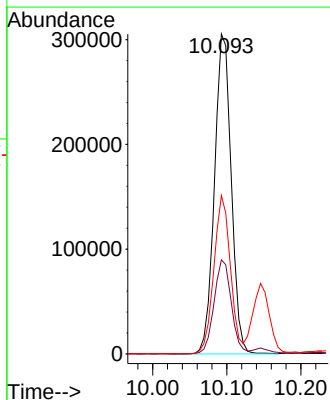
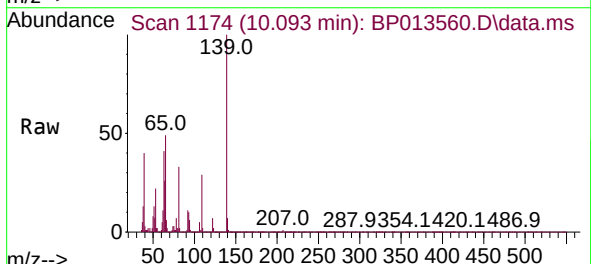
Manual Integrations
APPROVED

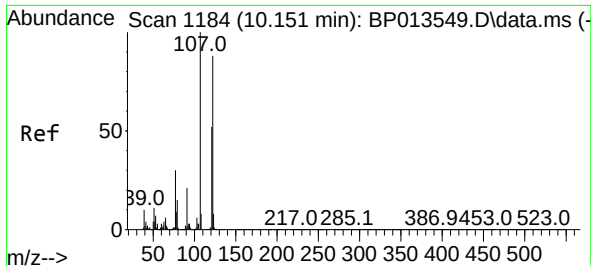
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#26
2-Nitrophenol
Concen: 54.335 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

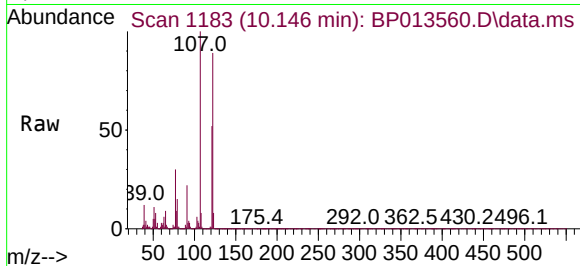
Tgt Ion:139 Resp: 479953
Ion Ratio Lower Upper
139 100
109 29.4 25.1 37.7
65 49.5 40.1 60.1





#27
2,4-Dimethylphenol
Concen: 50.000 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

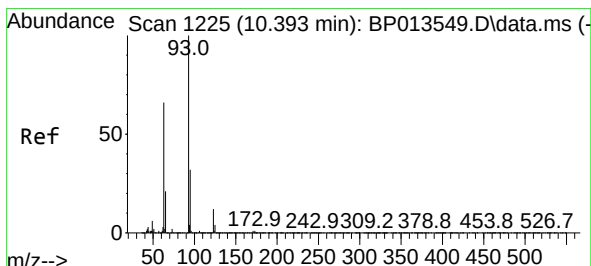
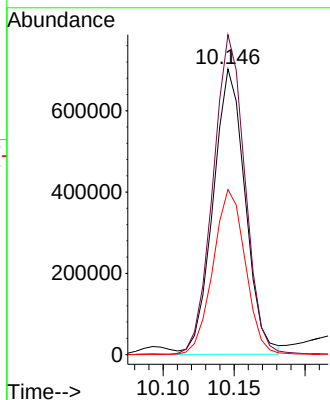
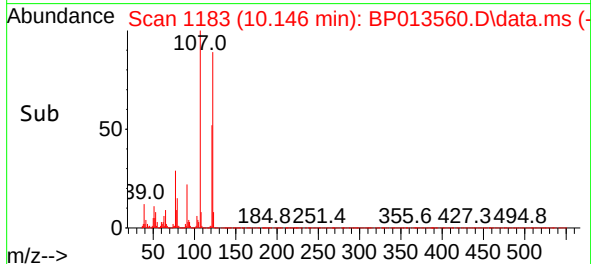
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:122 Resp: 1100370
Ion Ratio Lower Upper
122 100
107 112.0 90.7 136.1
121 57.8 47.0 70.4

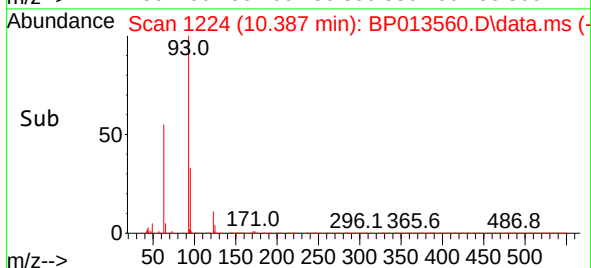
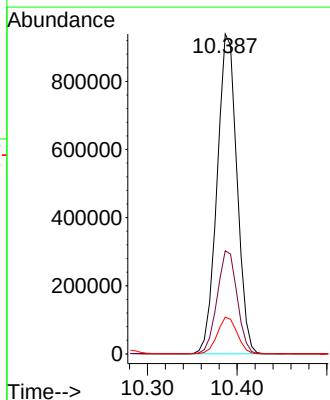
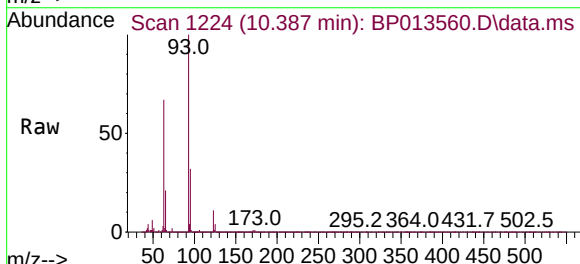
Manual Integrations
APPROVED

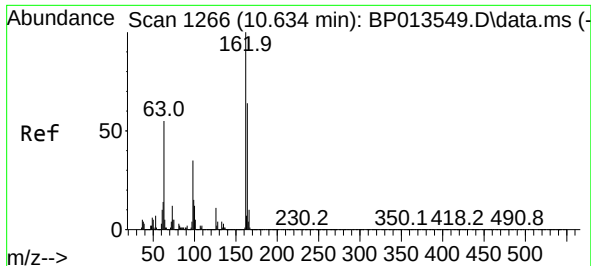
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.292 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion: 93 Resp: 1452928
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.399 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:162 Resp: 1060718

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

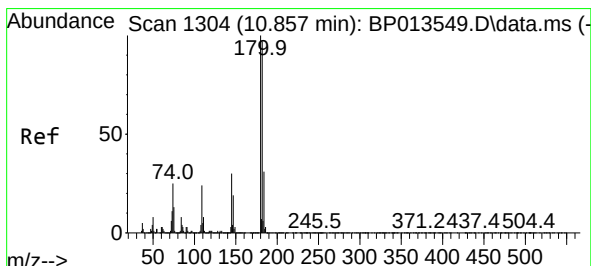
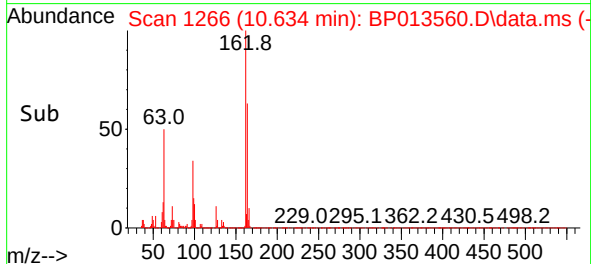
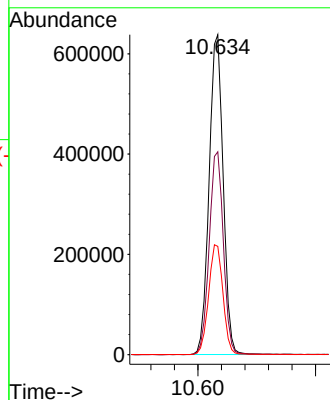
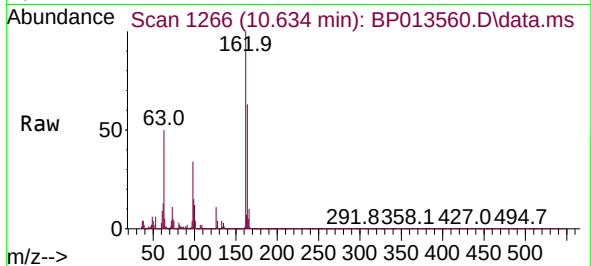
98 33.8 15.3 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.673 ng

RT: 10.851 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

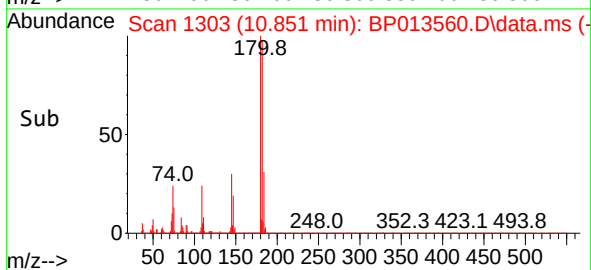
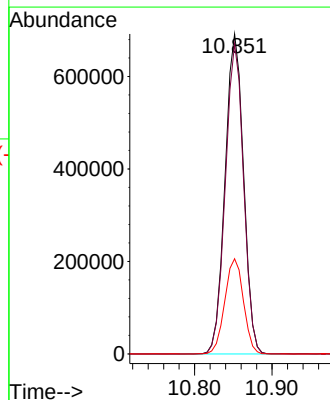
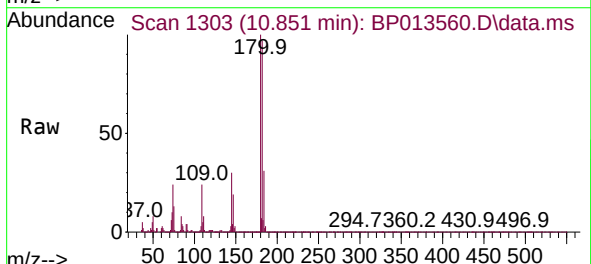
Tgt Ion:180 Resp: 1147516

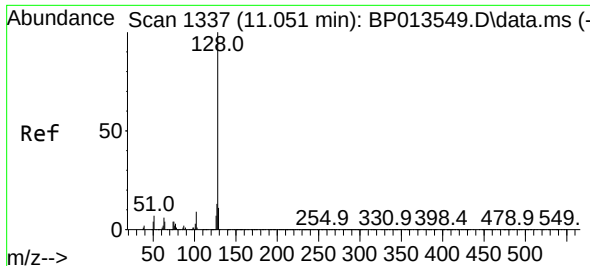
Ion Ratio Lower Upper

180 100

182 96.9 77.9 116.9

145 29.7 24.0 36.0





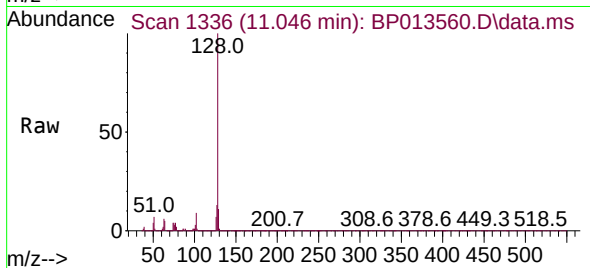
#31
Naphthalene
Concen: 46.547 ng
RT: 11.046 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

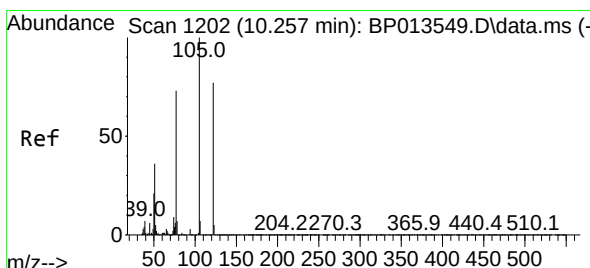
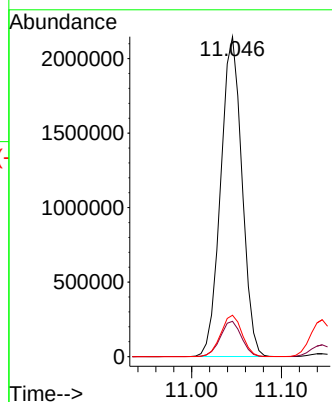
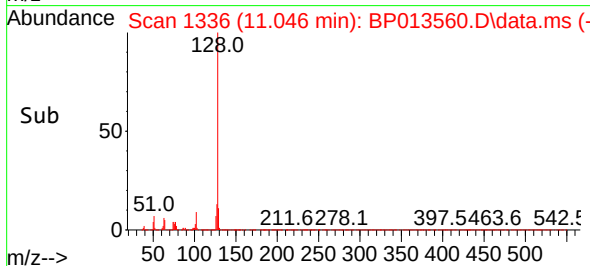


Tgt Ion:128 Resp: 355076
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.9 10.6 16.0

Manual Integrations

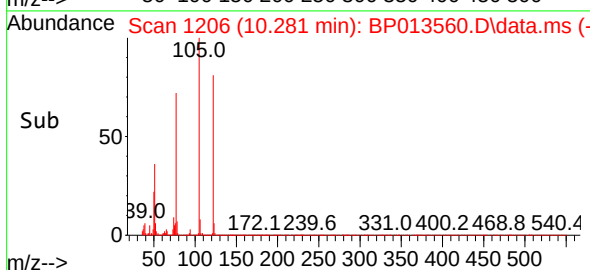
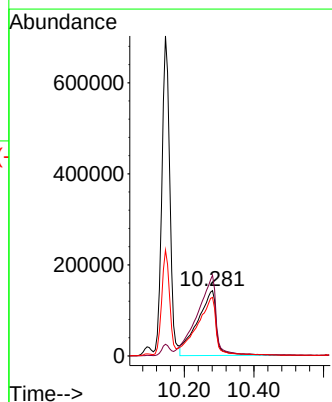
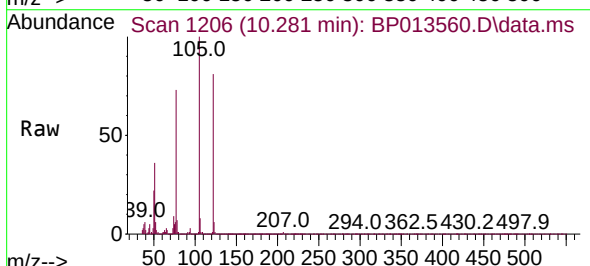
APPROVED

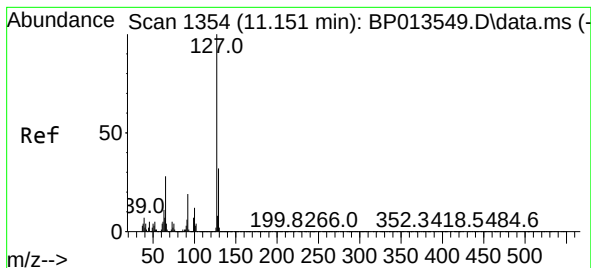
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 50.725 ng
RT: 10.281 min Scan# 1206
Delta R.T. 0.024 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:122 Resp: 547669
Ion Ratio Lower Upper
122 100
105 123.8 100.5 140.5
77 89.8 70.9 110.9





#33
4-Chloroaniline
Concen: 12.868 ng
RT: 11.146 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

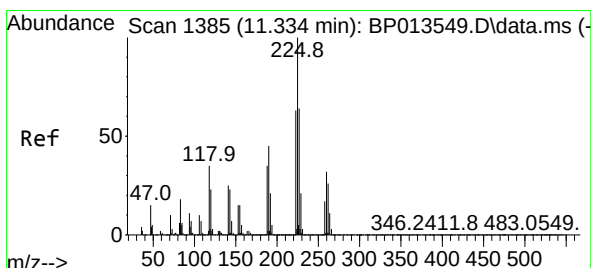
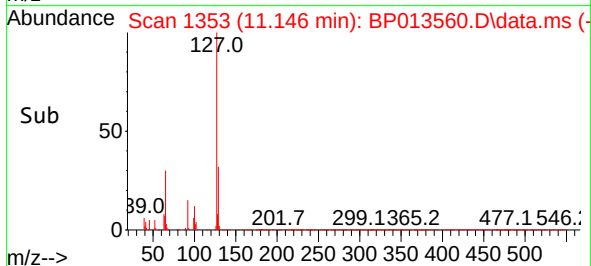
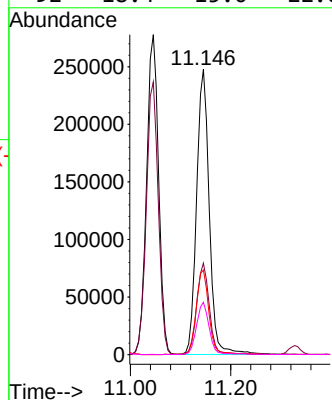
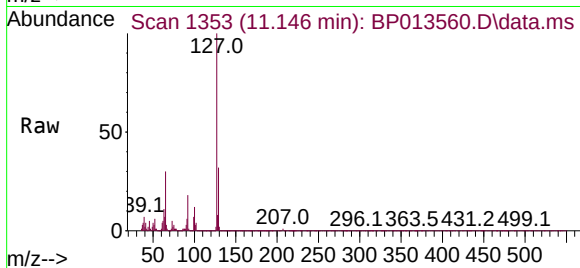
Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:127 Resp: 434328

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.7	22.7	34.1
92	18.4	15.0	22.6

Manual Integrations
APPROVED

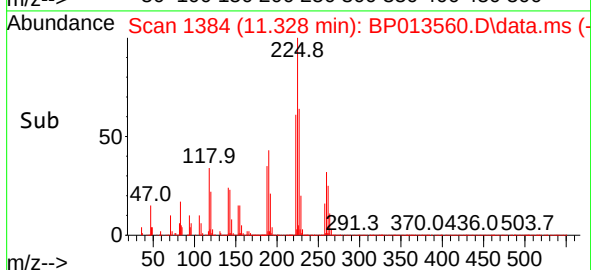
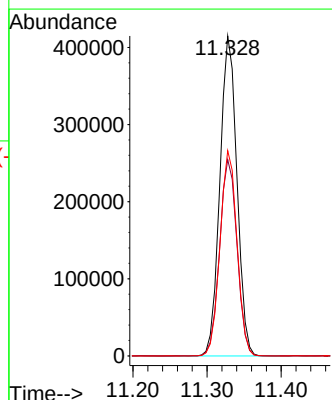
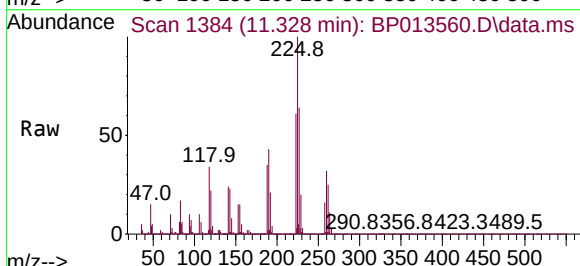
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

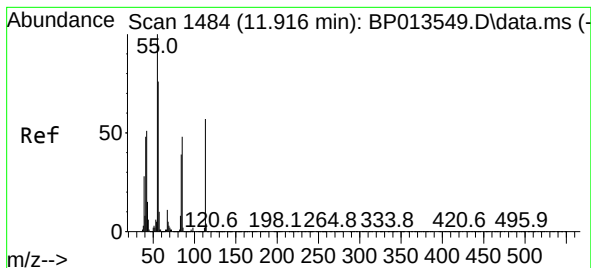


#34
Hexachlorobutadiene
Concen: 49.181 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:225 Resp: 661180

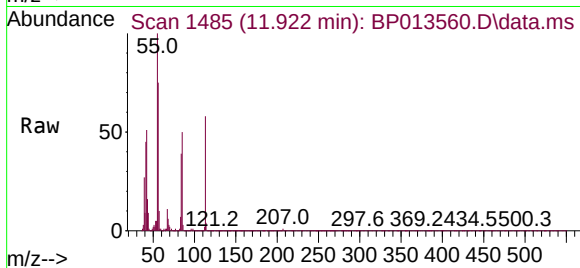
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	64.1	51.4	77.2





#35
Caprolactam
Concen: 42.845 ng
RT: 11.922 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

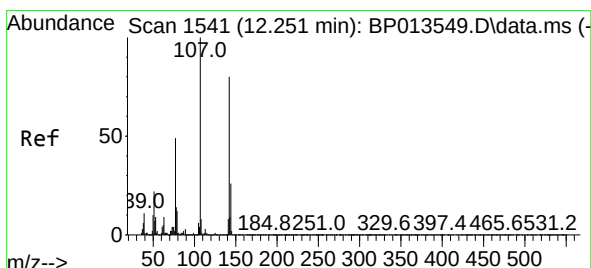
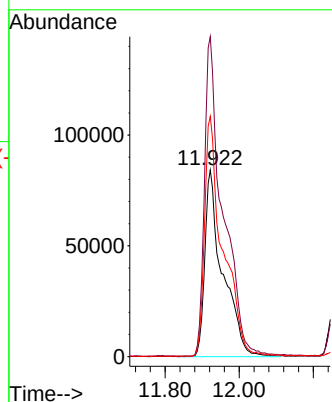
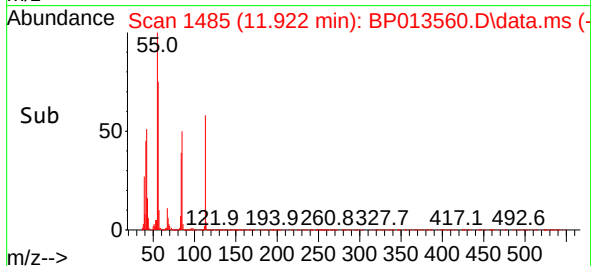
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:113 Resp: 281183
Ion Ratio Lower Upper
113 100
55 171.4 156.5 196.5
56 128.7 113.5 153.5

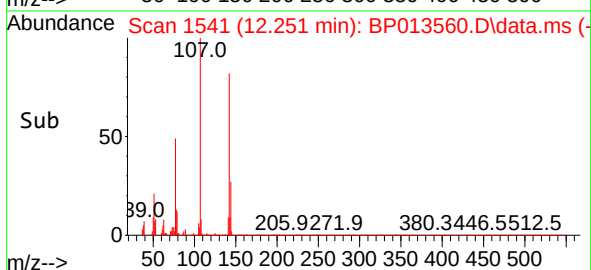
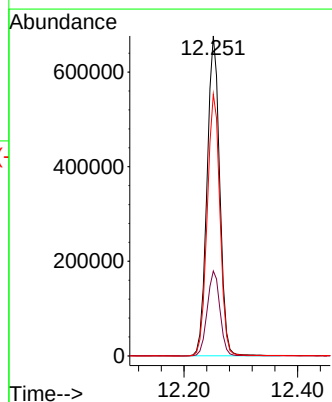
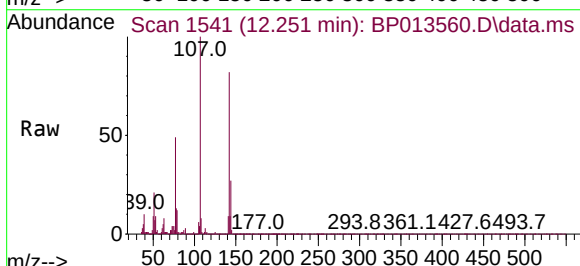
Manual Integrations
APPROVED

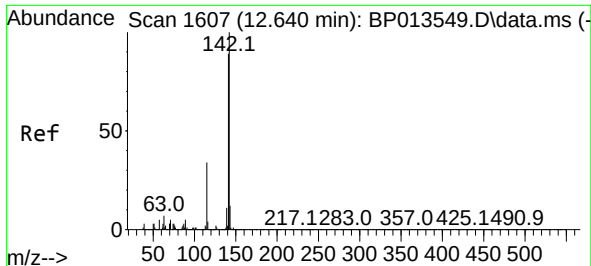
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 47.634 ng
RT: 12.251 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

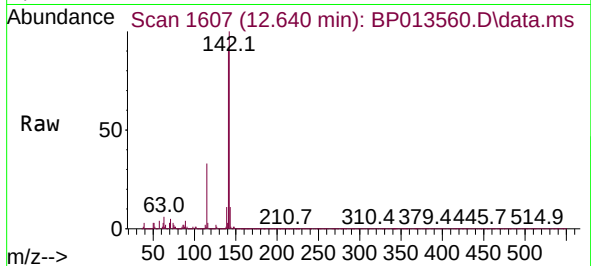
Tgt Ion:107 Resp: 1050134
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 81.8 64.0 96.0





#37
2-Methylnaphthalene
Concen: 44.362 ng
RT: 12.640 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

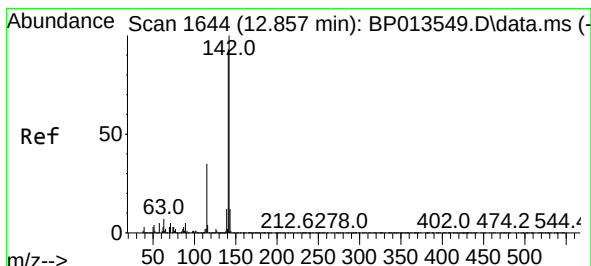
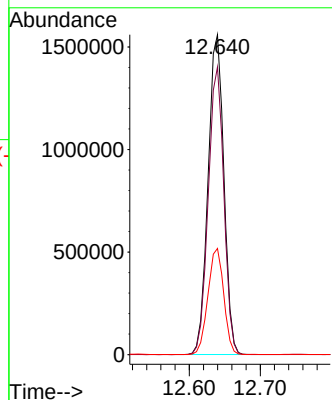
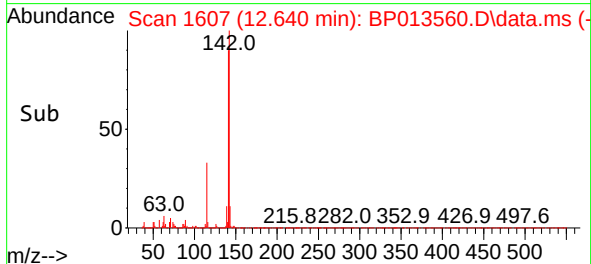
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



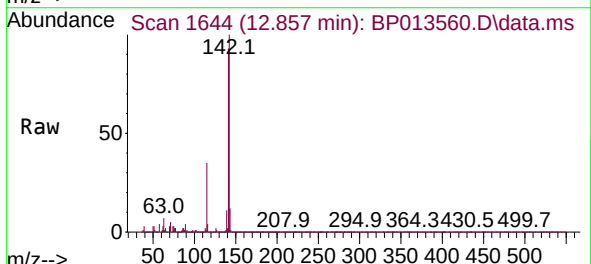
Tgt Ion:142 Resp: 2405421
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 33.2 27.4 41.2

Manual Integrations
APPROVED

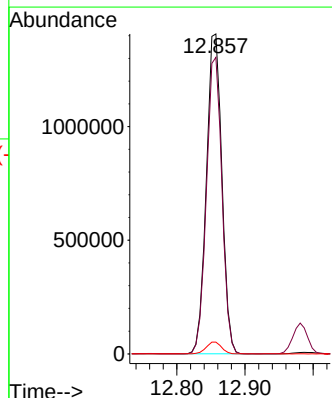
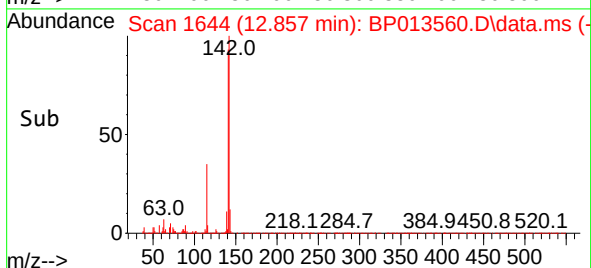
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

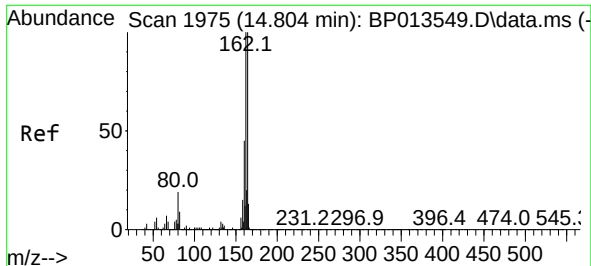


#38
1-Methylnaphthalene
Concen: 43.748 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



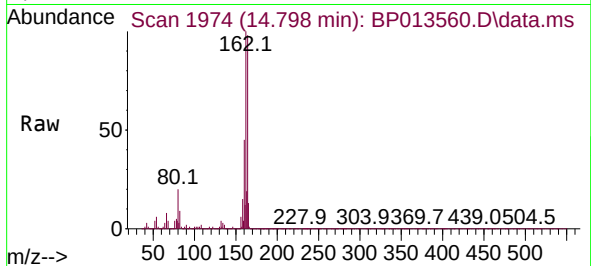
Tgt Ion:142 Resp: 2228959
Ion Ratio Lower Upper
142 100
141 92.7 74.3 111.5
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

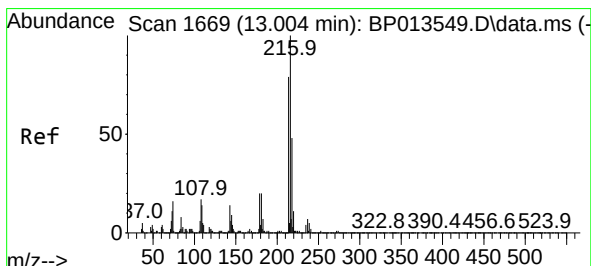
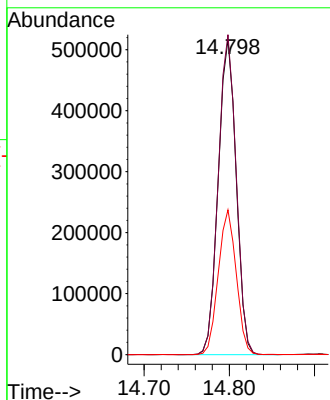
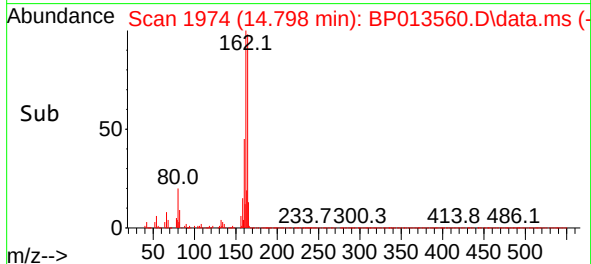
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:164 Resp: 755370
Ion Ratio Lower Upper
164 100
162 101.6 80.1 120.1
160 45.9 35.9 53.9

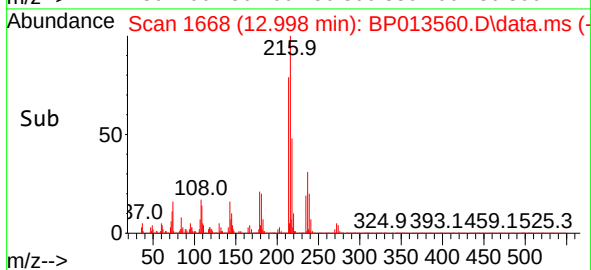
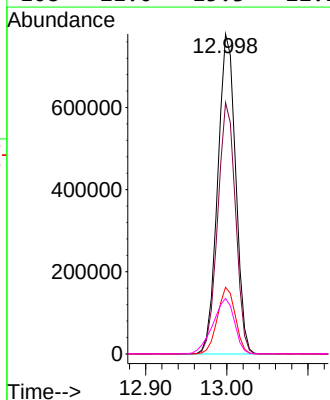
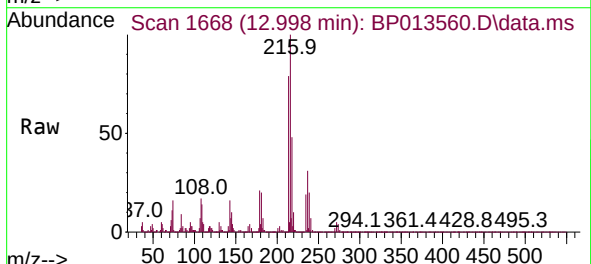
Manual Integrations
APPROVED

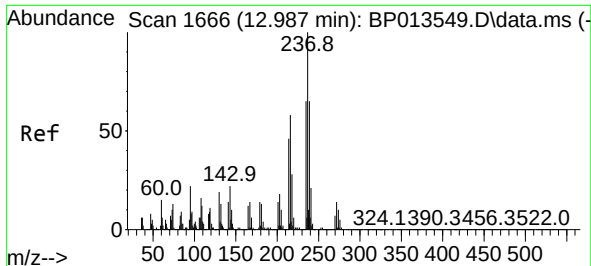
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.187 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

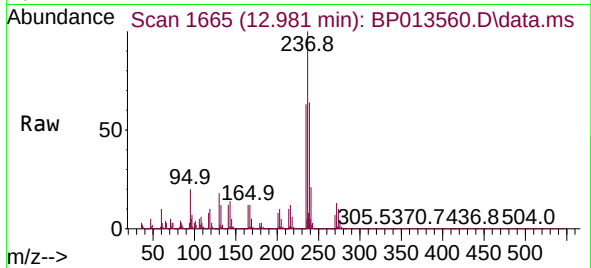
Tgt Ion:216 Resp: 1190379
Ion Ratio Lower Upper
216 100
214 78.0 62.9 94.3
179 20.8 16.6 24.8
108 21.0 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 128.052 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

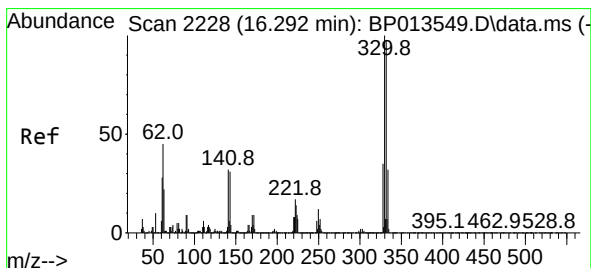
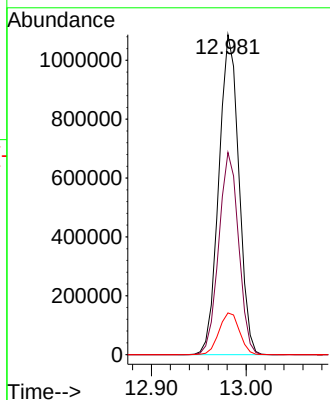
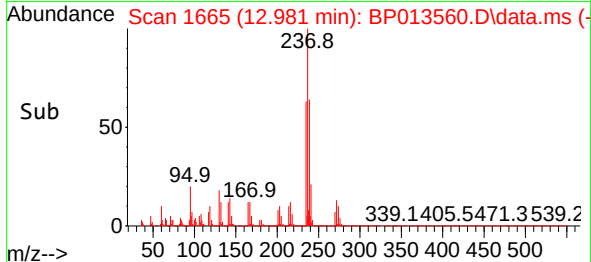
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:237 Resp: 1593475
Ion Ratio Lower Upper
237 100
235 63.2 44.6 84.6
272 13.1 0.0 33.9

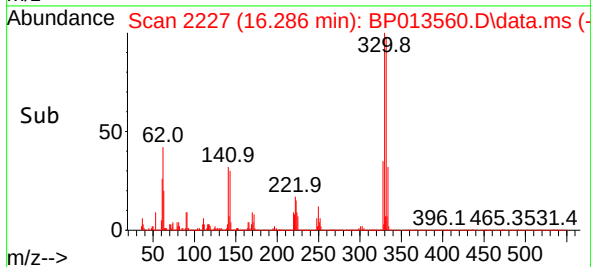
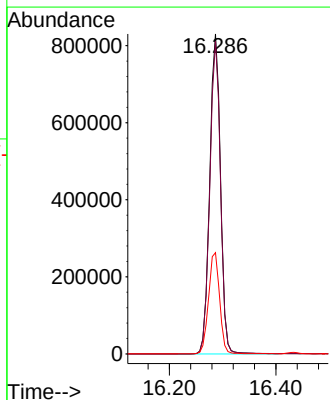
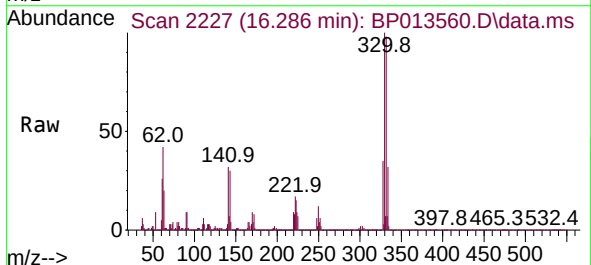
Manual Integrations
APPROVED

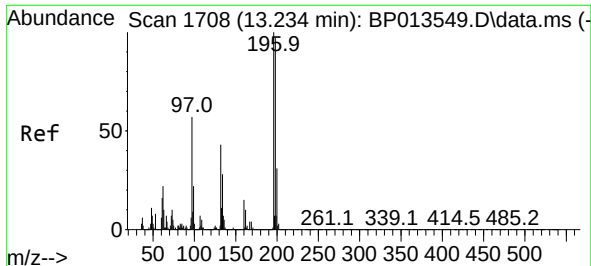
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#42
2,4,6-Tribromophenol
Concen: 153.972 ng
RT: 16.286 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

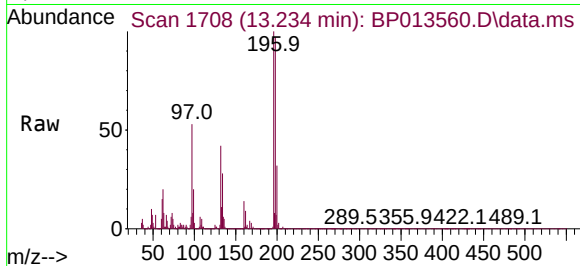
Tgt Ion:330 Resp: 1166599
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 32.6 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 54.880 ng
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

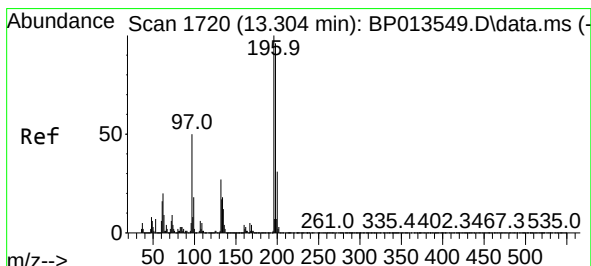
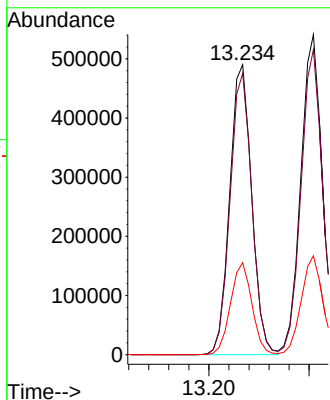
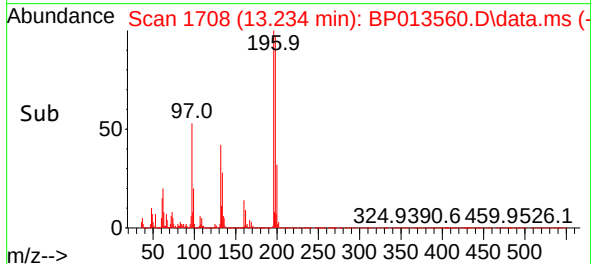
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:196 Resp: 746966
Ion Ratio Lower Upper
196 100
198 97.1 77.3 115.9
200 31.7 24.6 36.8

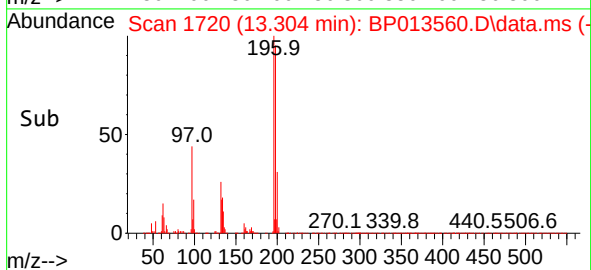
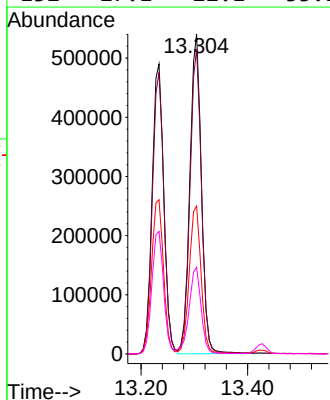
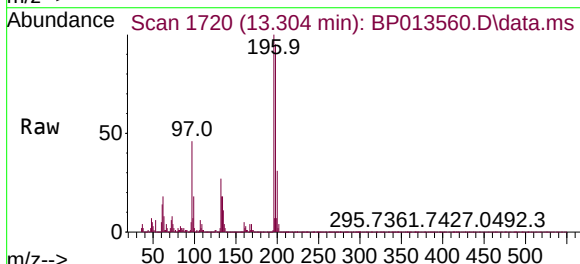
Manual Integrations
APPROVED

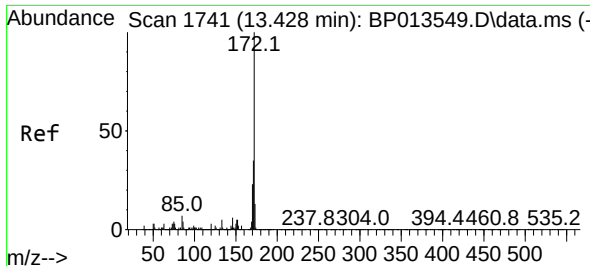
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#44
2,4,5-Trichlorophenol
Concen: 50.677 ng
RT: 13.304 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

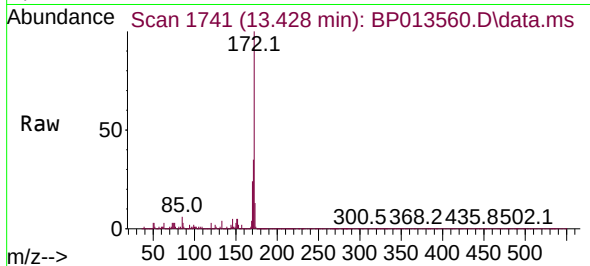
Tgt Ion:196 Resp: 815066
Ion Ratio Lower Upper
196 100
198 95.3 76.7 115.1
97 46.2 40.0 60.0
132 27.1 22.1 33.1





#45
2-Fluorobiphenyl
Concen: 96.417 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

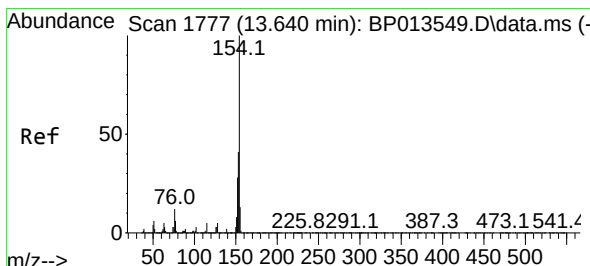
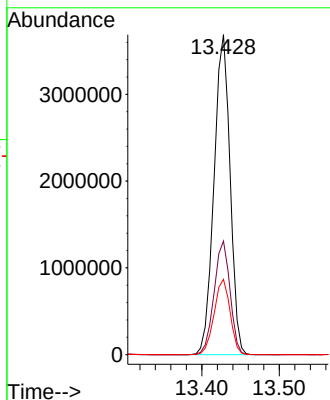
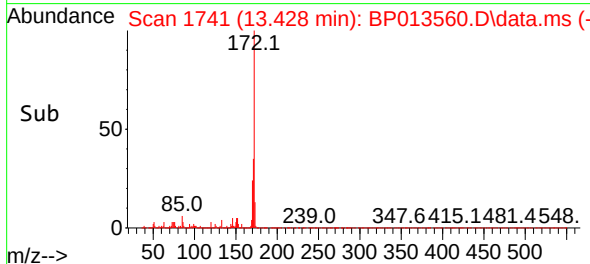
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



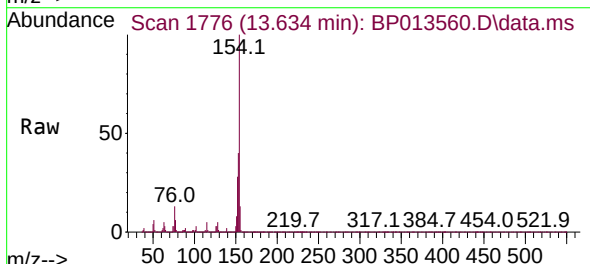
Tgt Ion:172 Resp: 5305849
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.5 18.6 27.8

Manual Integrations
APPROVED

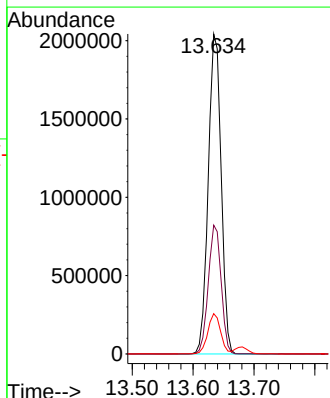
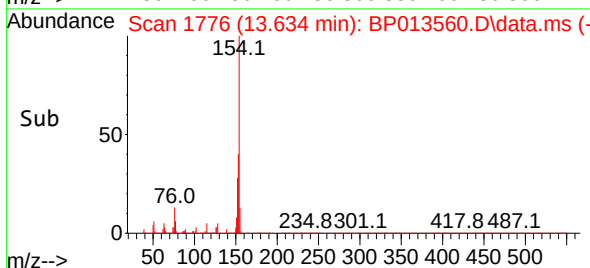
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

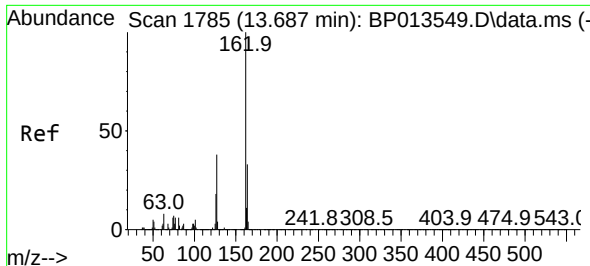


#46
1,1'-Biphenyl
Concen: 49.442 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



Tgt Ion:154 Resp: 2999379
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.6 0.0 32.1





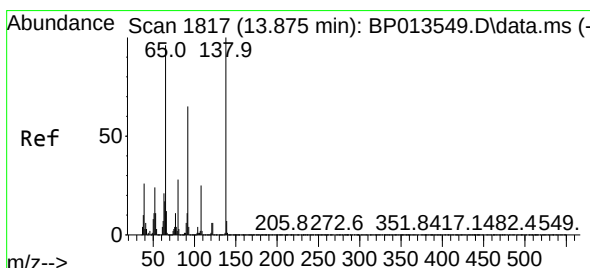
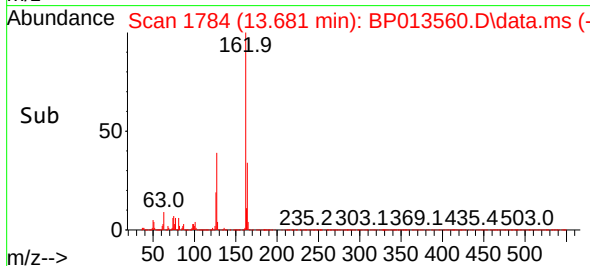
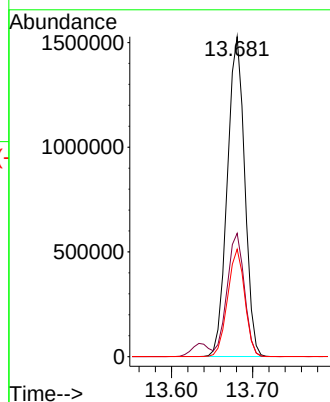
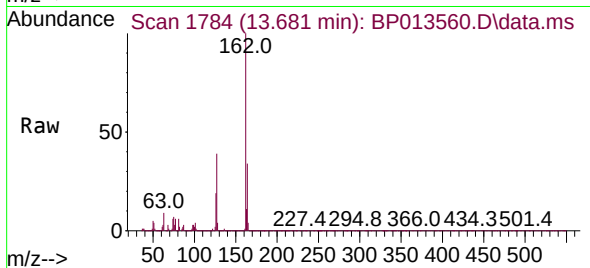
#47
2-Chloronaphthalene
Concen: 49.991 ng
RT: 13.681 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:162 Resp: 2272013
Ion Ratio Lower Upper
162 100
127 38.5 30.8 46.2
164 33.6 26.2 39.2

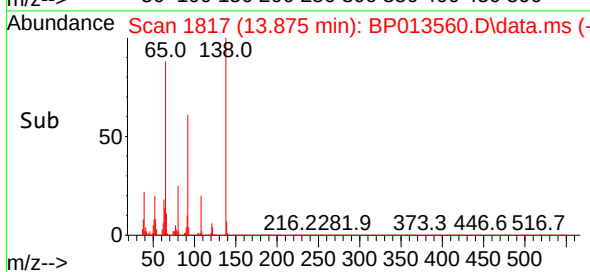
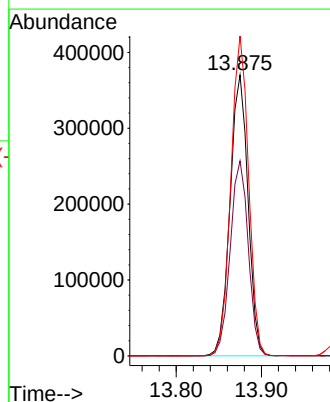
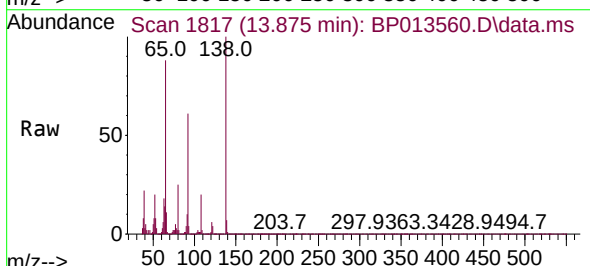
Manual Integrations
APPROVED

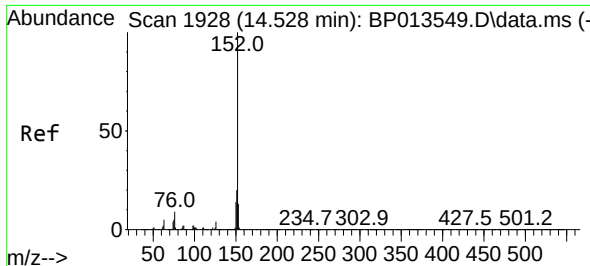
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#48
2-Nitroaniline
Concen: 47.754 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion: 65 Resp: 542316
Ion Ratio Lower Upper
65 100
92 69.4 54.1 81.1
138 113.9 83.6 125.4





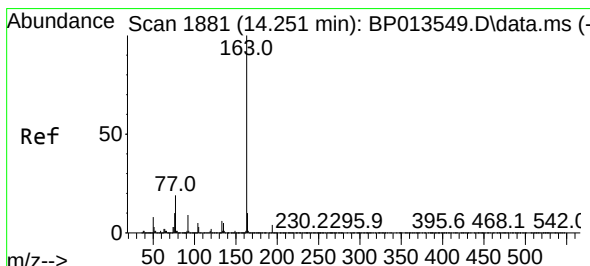
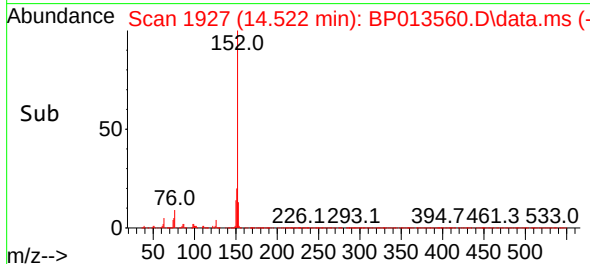
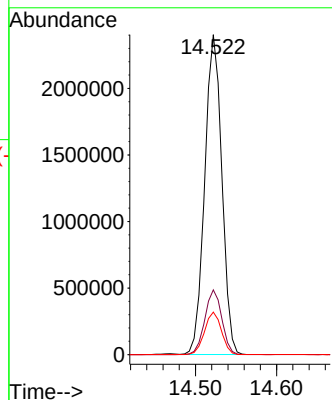
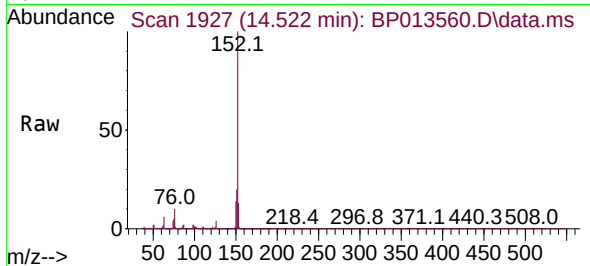
#49
Acenaphthylene
Concen: 47.363 ng
RT: 14.522 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:152 Resp: 352024
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.1 15.1

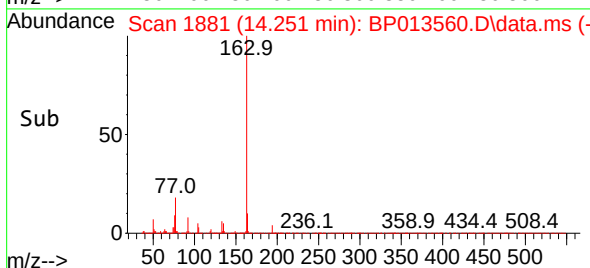
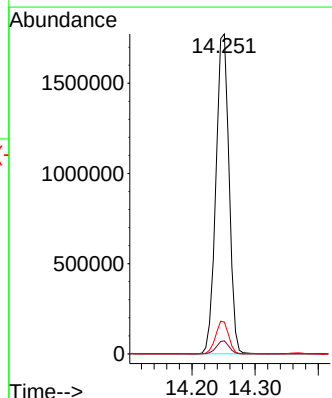
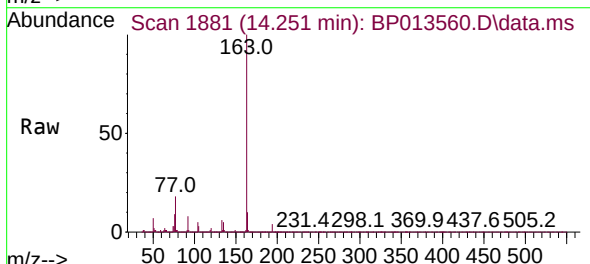
Manual Integrations
APPROVED

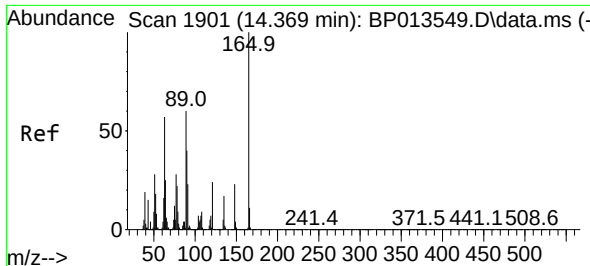
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#50
Dimethylphthalate
Concen: 45.659 ng
RT: 14.251 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

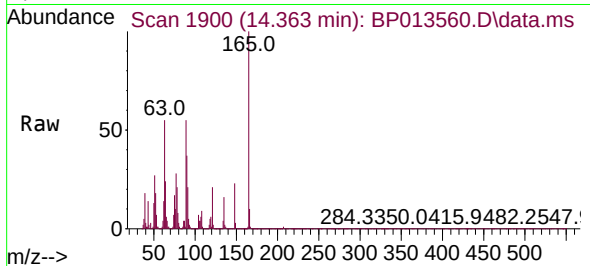
Tgt Ion:163 Resp: 2563777
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.807 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

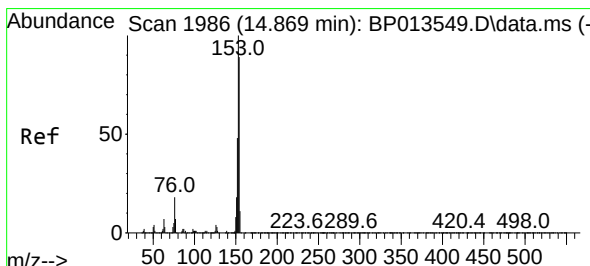
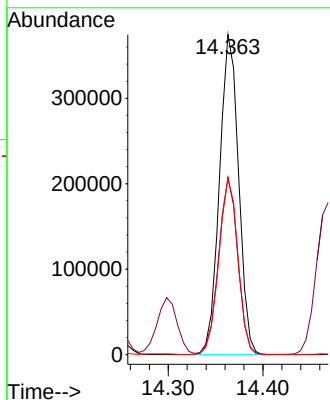
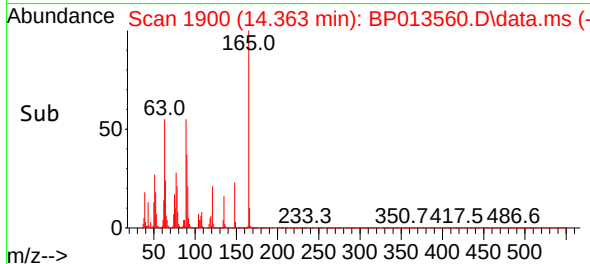
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



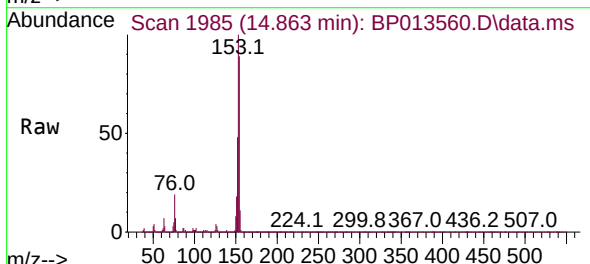
Tgt Ion:165 Resp: 524246
Ion Ratio Lower Upper
165 100
63 55.4 47.2 70.8
89 55.1 47.8 71.6

Manual Integrations
APPROVED

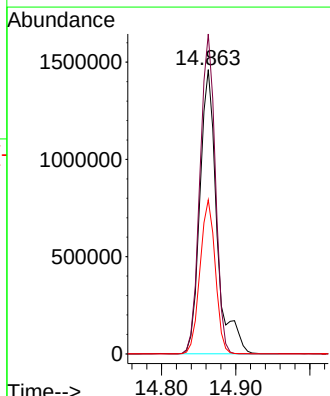
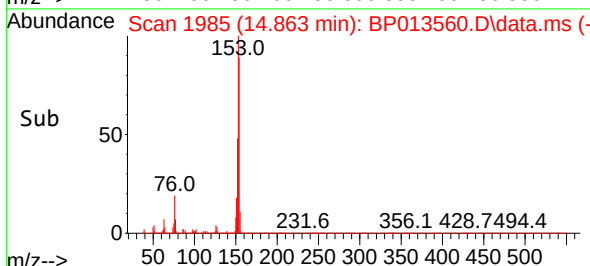
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

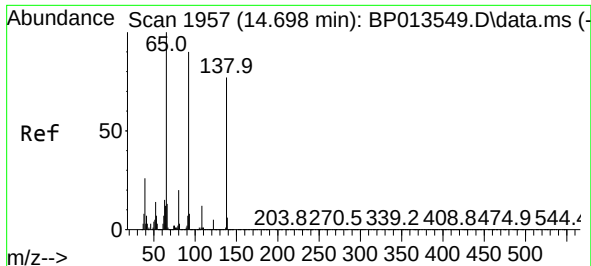


#52
Acenaphthene
Concen: 50.606 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38



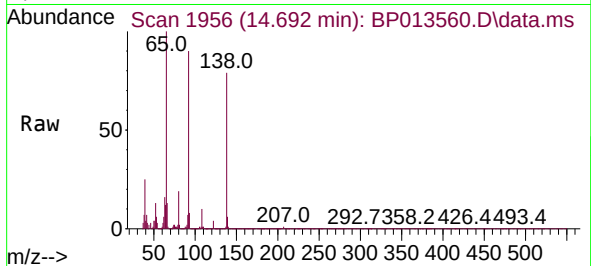
Tgt Ion:154 Resp: 2323394
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.0
152 54.2 42.7 64.1





#53
3-Nitroaniline
Concen: 28.179 ng
RT: 14.692 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

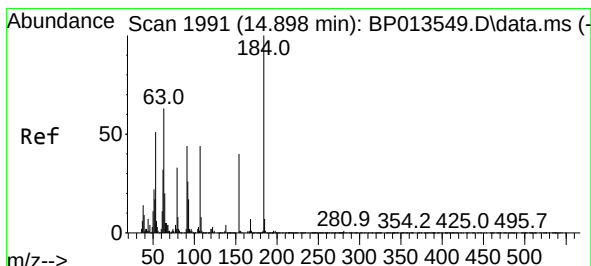
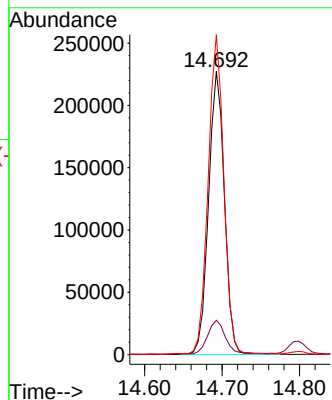
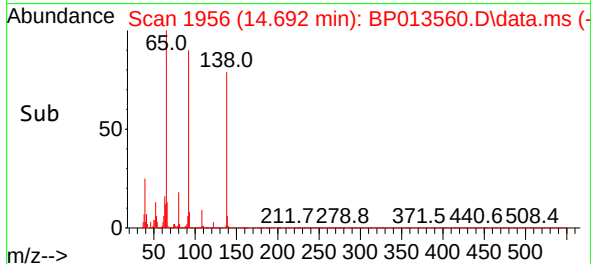
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:138 Resp: 322120
Ion Ratio Lower Upper
138 100
108 12.1 12.8 19.2
92 112.9 93.3 139.9

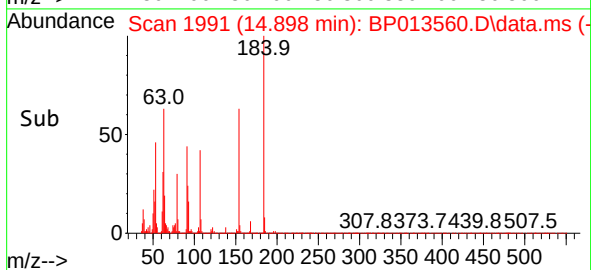
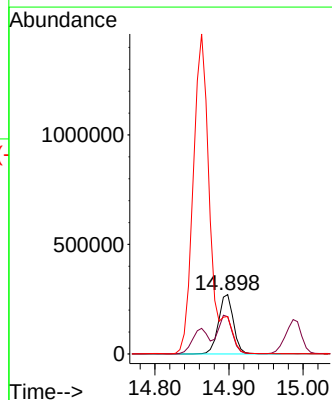
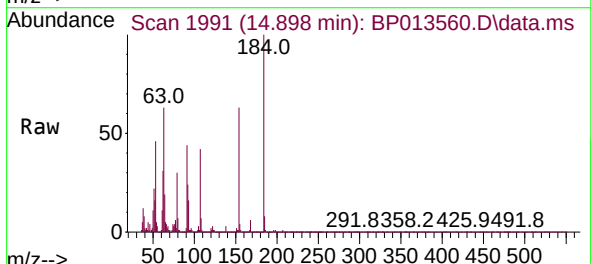
Manual Integrations
APPROVED

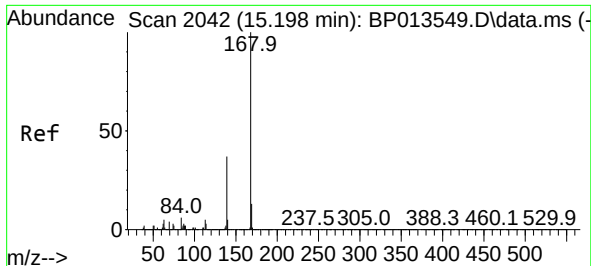
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#54
2,4-Dinitrophenol
Concen: 86.997 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

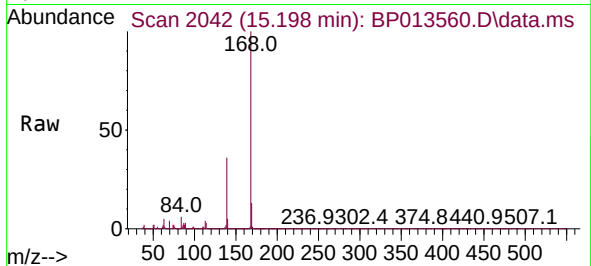
Tgt Ion:184 Resp: 376805
Ion Ratio Lower Upper
184 100
63 62.8 53.2 79.8
154 63.0 54.4 81.6





#55
Dibenzofuran
Concen: 45.954 ng
RT: 15.198 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

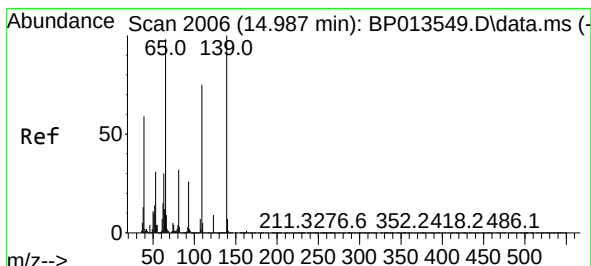
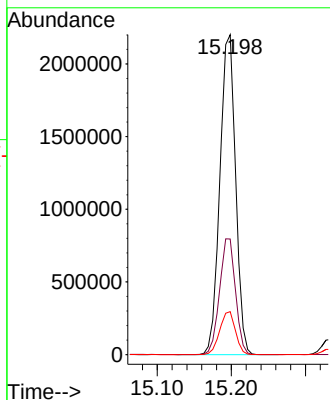
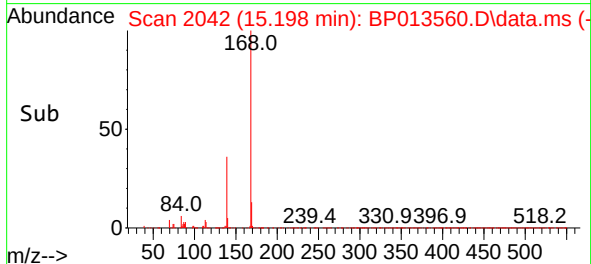
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:168 Resp: 323521
Ion Ratio Lower Upper
168 100
139 36.2 29.9 44.9
169 13.4 10.7 16.1

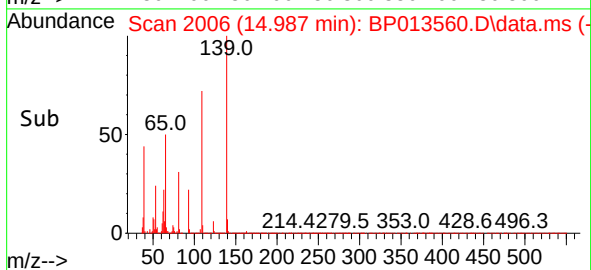
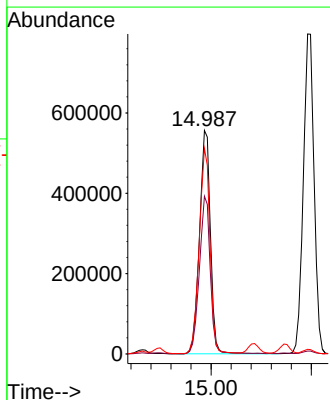
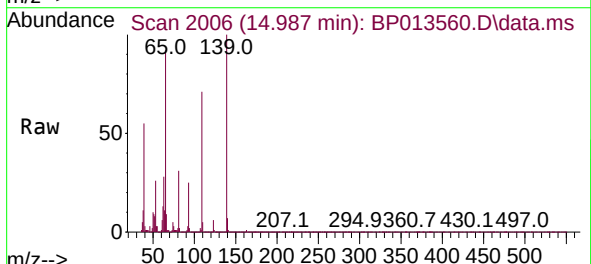
Manual Integrations
APPROVED

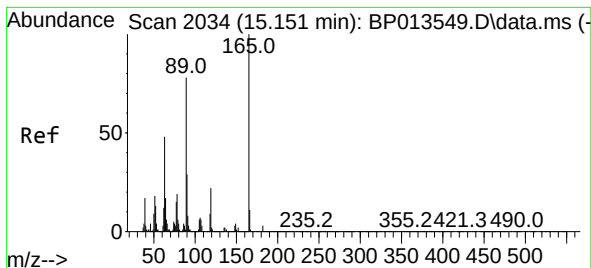
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 88.170 ng
RT: 14.987 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

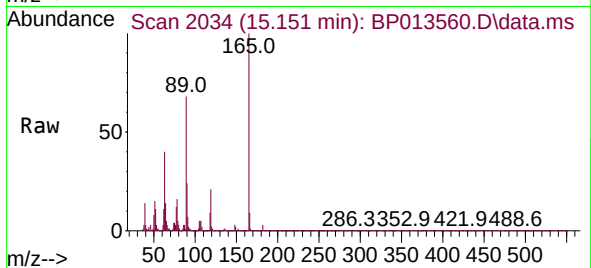
Tgt Ion:139 Resp: 843974
Ion Ratio Lower Upper
139 100
109 70.6 55.0 95.0
65 91.9 77.7 117.7





#57
2,4-Dinitrotoluene
Concen: 49.130 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

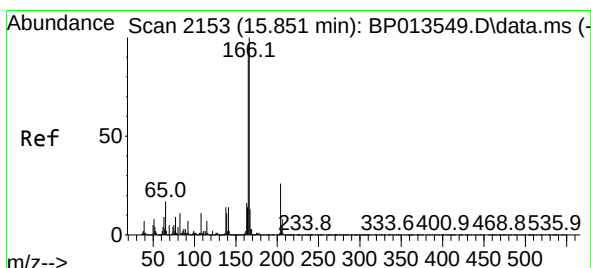
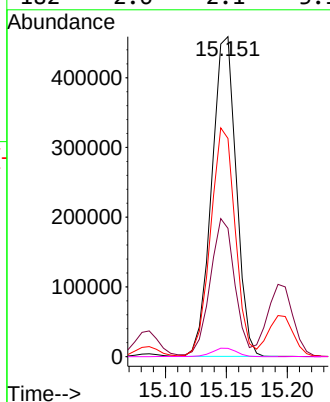
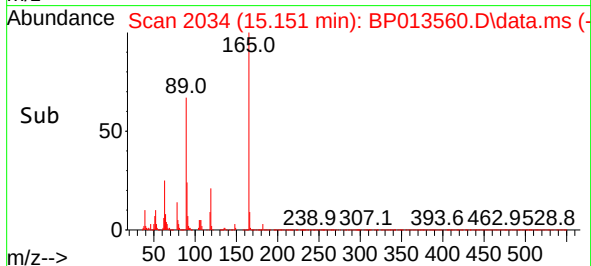
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:165 Resp: 641219
Ion Ratio Lower Upper
165 100
63 40.1 38.3 57.5
89 68.2 62.1 93.1
182 2.6 2.1 3.1

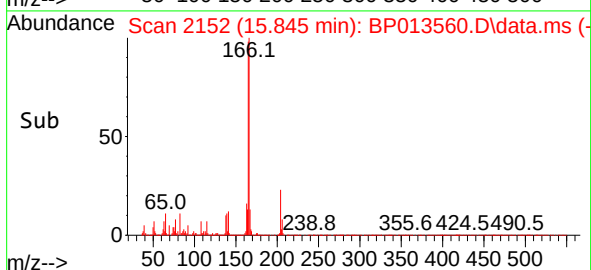
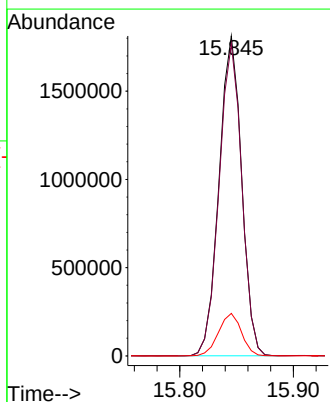
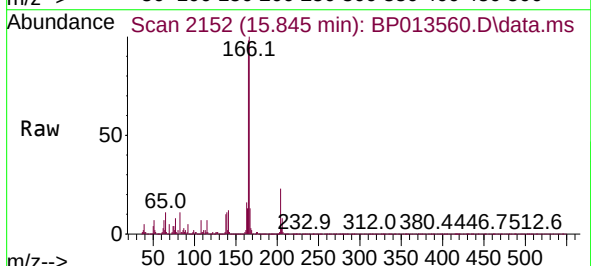
Manual Integrations
APPROVED

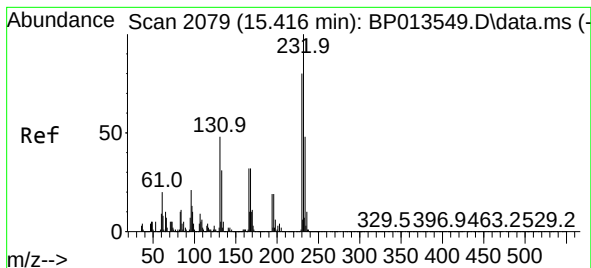
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 44.711 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

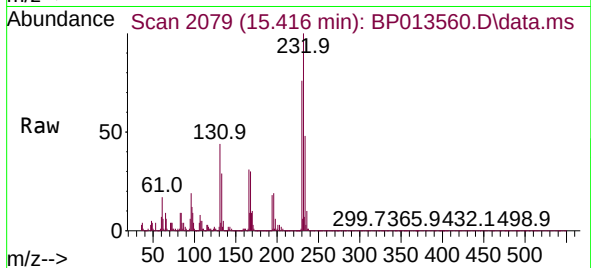
Tgt Ion:166 Resp: 2501873
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.284 ng
RT: 15.416 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

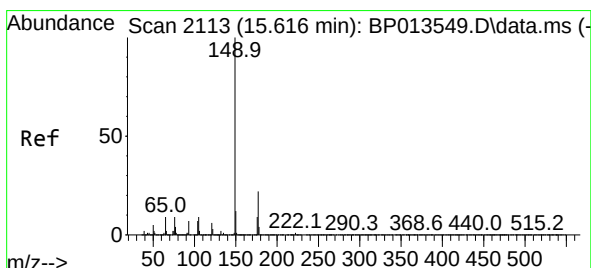
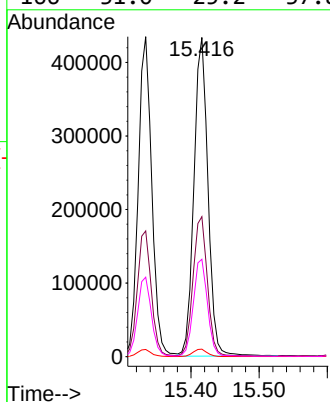
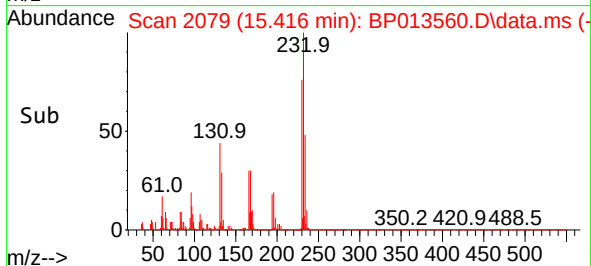
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:232 Resp: 620996
Ion Ratio Lower Upper
232 100
131 45.0 37.1 55.7
130 2.4 1.9 2.9
166 31.0 25.2 37.8

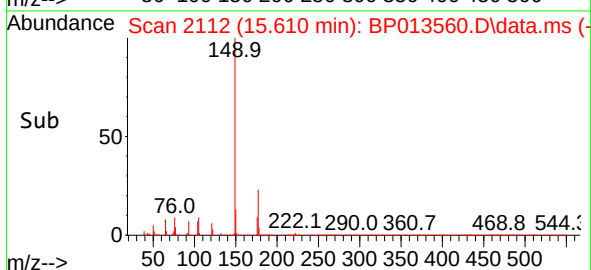
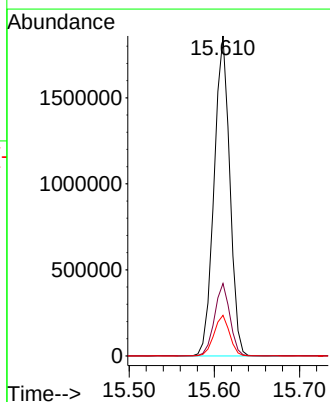
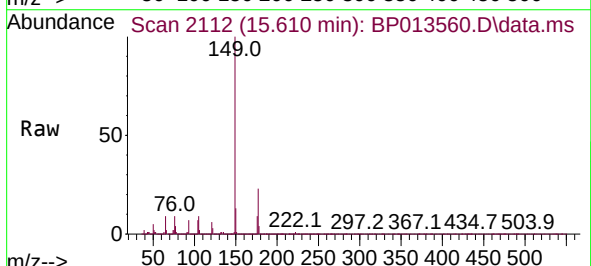
Manual Integrations
APPROVED

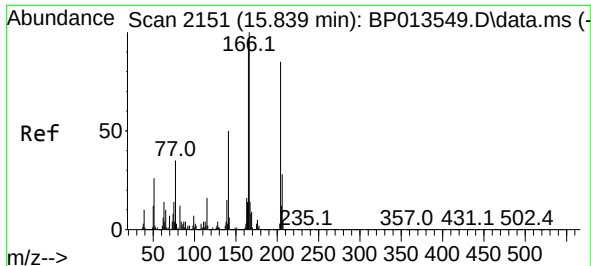
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#60
Diethylphthalate
Concen: 43.355 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:149 Resp: 2377658
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.7 9.8 14.6





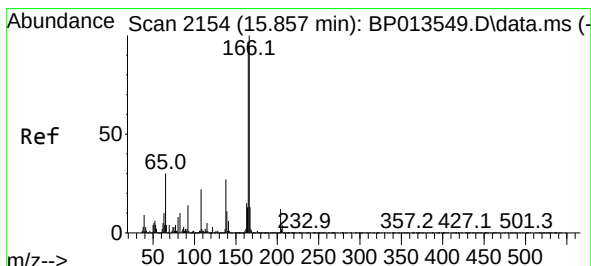
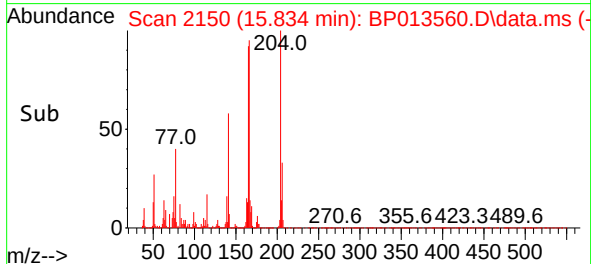
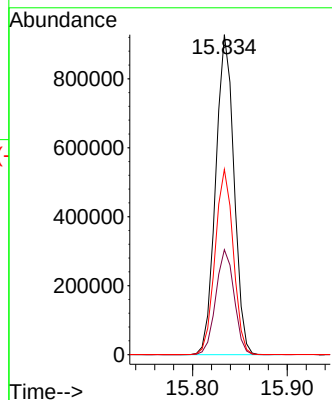
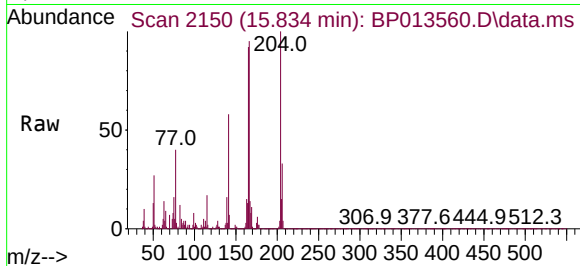
#61
4-Chlorophenyl-phenylether
Concen: 45.091 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:204 Resp: 1240658
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 57.9 47.0 70.4

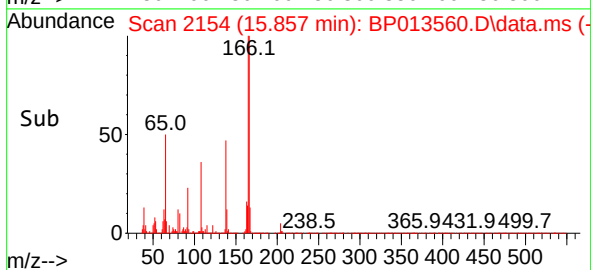
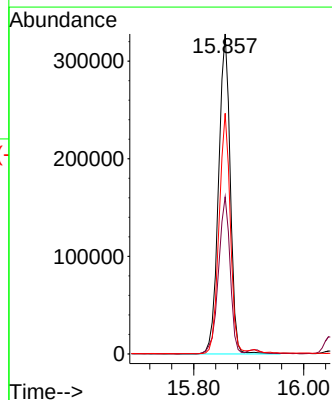
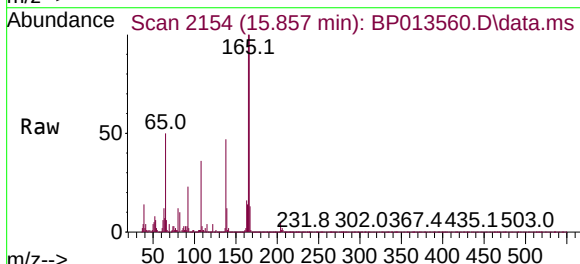
Manual Integrations
APPROVED

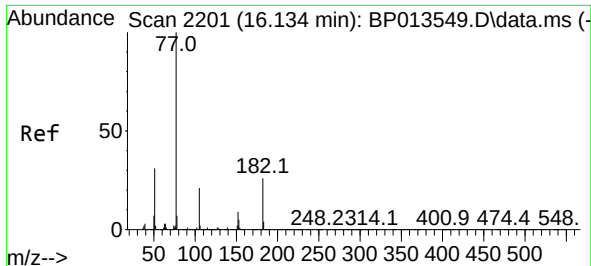
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#62
4-Nitroaniline
Concen: 40.895 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

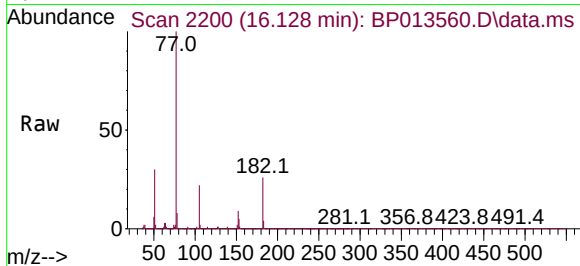
Tgt Ion:138 Resp: 483695
Ion Ratio Lower Upper
138 100
92 49.1 32.3 72.3
108 75.2 59.2 99.2





#63
Azobenzene
Concen: 43.475 ng
RT: 16.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

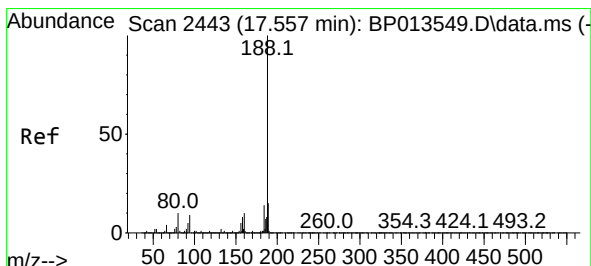
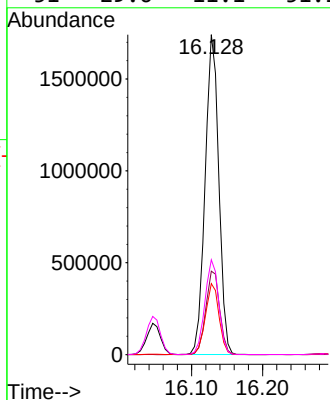
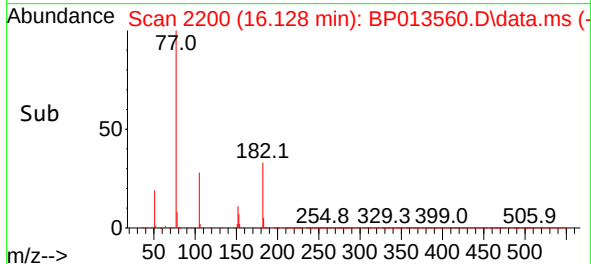
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion: 77 Resp: 2316816
Ion Ratio Lower Upper
77 100
182 26.1 5.5 45.5
105 22.2 1.4 41.4
51 29.6 11.1 51.1

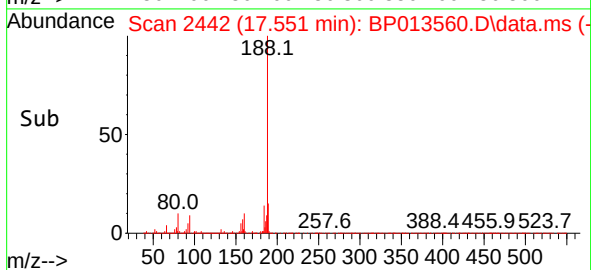
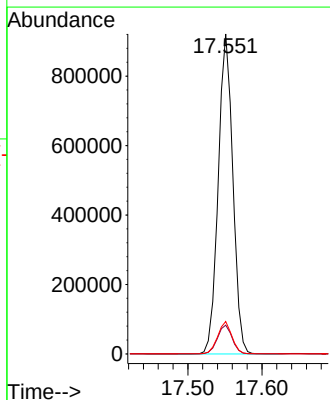
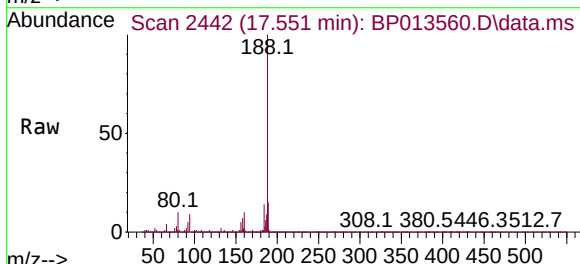
Manual Integrations
APPROVED

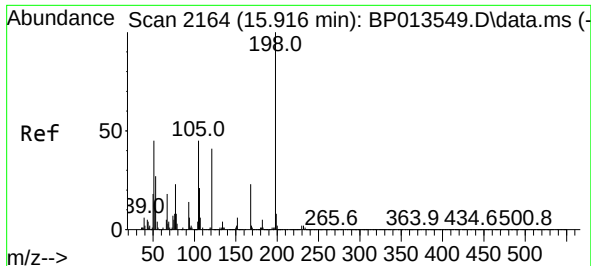
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:188 Resp: 1259402
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.1 8.2 12.2





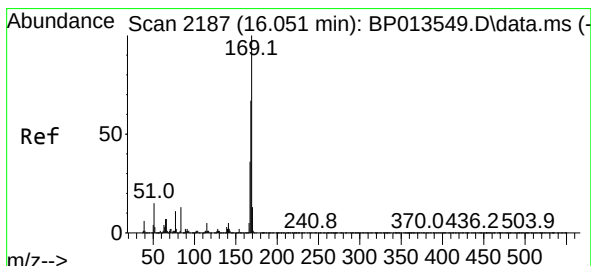
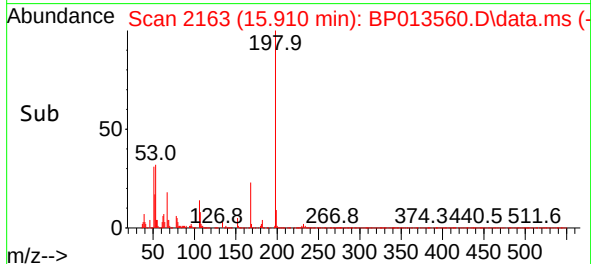
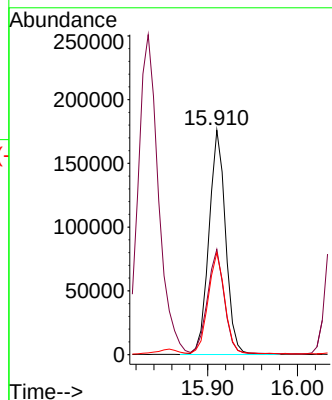
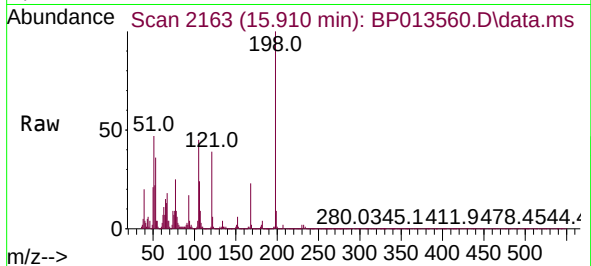
#65
4,6-Dinitro-2-methylphenol
Concen: 53.825 ng
RT: 15.910 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:198 Resp: 227310
Ion Ratio Lower Upper
198 100
51 46.9 30.4 70.4
105 45.4 26.4 66.4

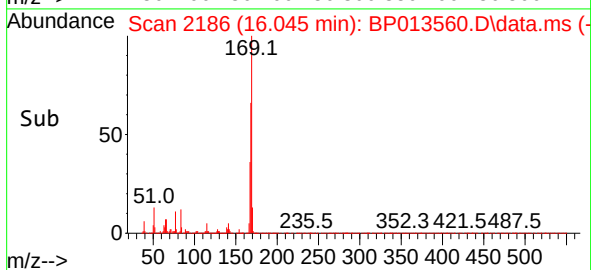
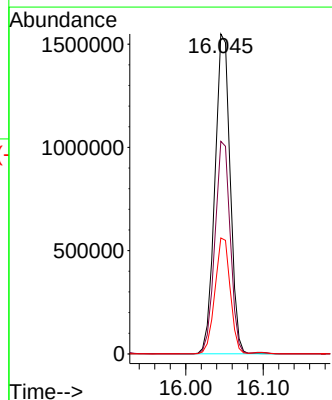
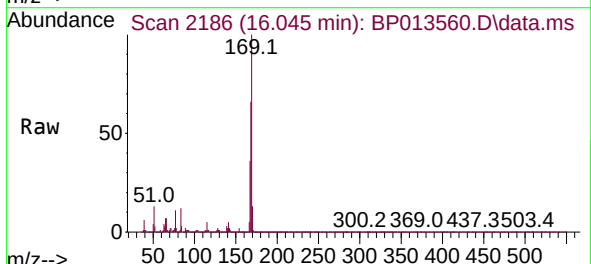
Manual Integrations
APPROVED

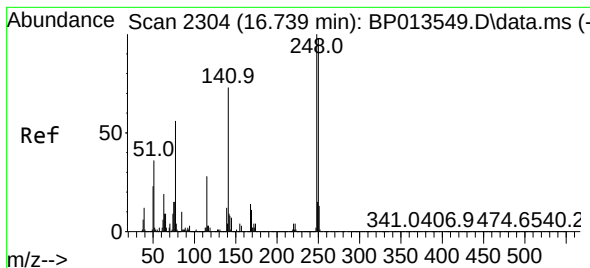
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 51.576 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

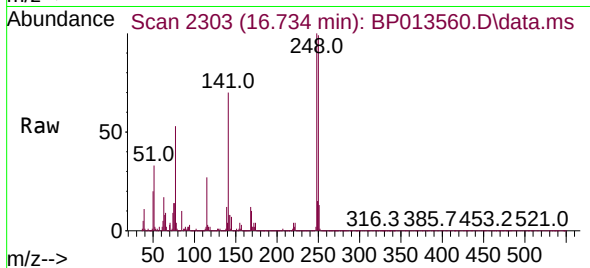
Tgt Ion:169 Resp: 2118262
Ion Ratio Lower Upper
169 100
168 66.4 54.0 81.0
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.275 ng
RT: 16.734 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

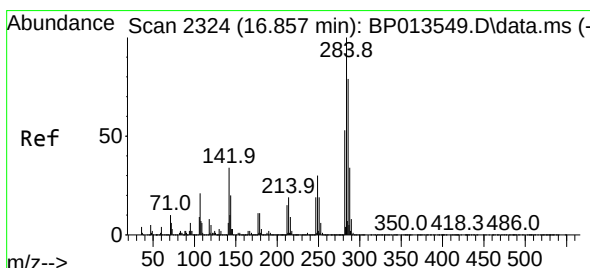
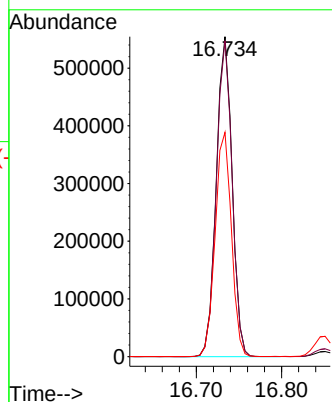
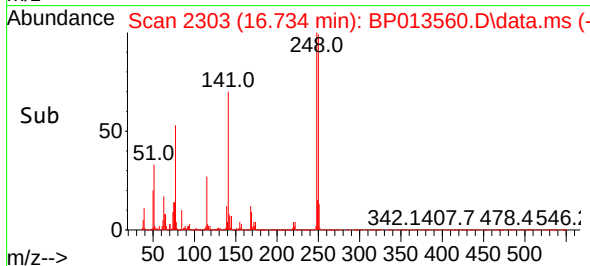
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:248 Resp: 715303
Ion Ratio Lower Upper
248 100
250 98.7 78.1 117.1
141 70.1 58.1 87.1

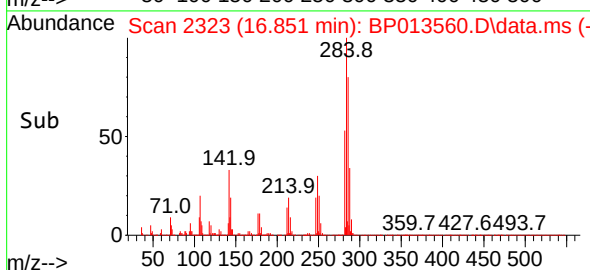
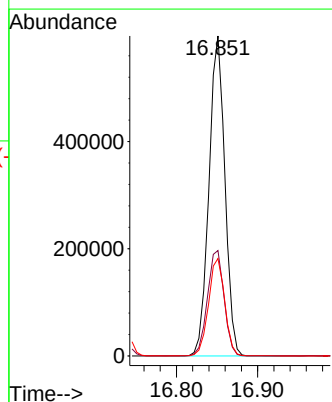
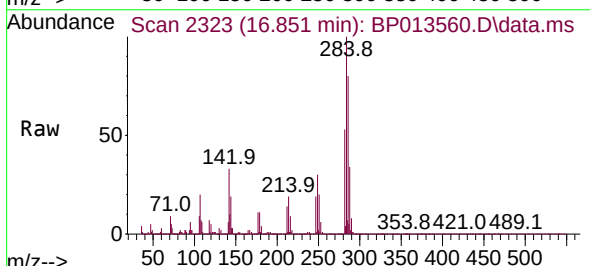
Manual Integrations
APPROVED

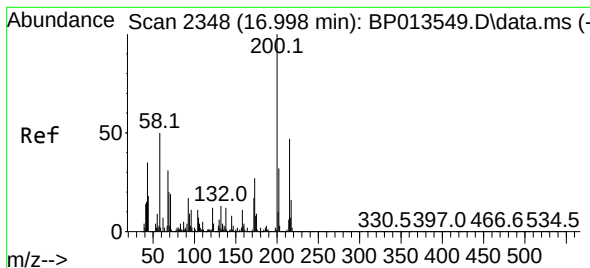
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 54.112 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:284 Resp: 815401
Ion Ratio Lower Upper
284 100
142 32.9 27.3 40.9
249 30.4 24.0 36.0





#69

Atrazine

Concen: 51.372 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

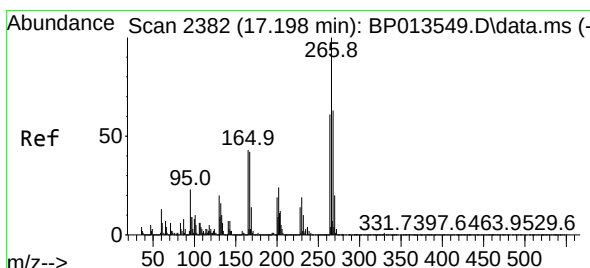
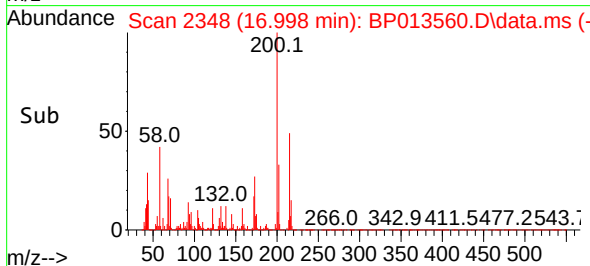
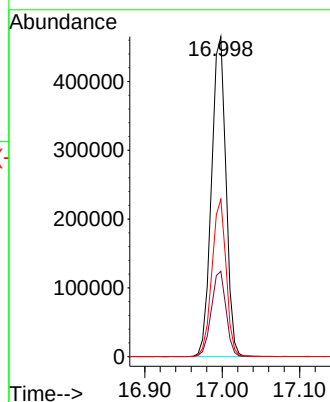
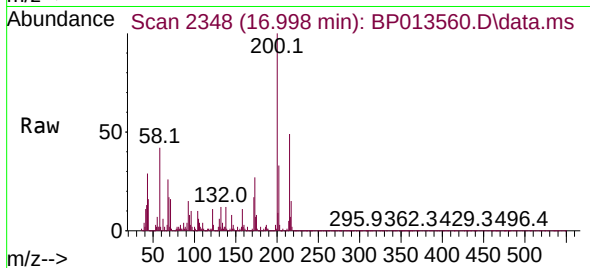
PB150338BSD

Tgt Ion:	200	Resp:	60367
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.2	47.2
215	49.2	27.3	67.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#70

Pentachlorophenol

Concen: 83.443 ng

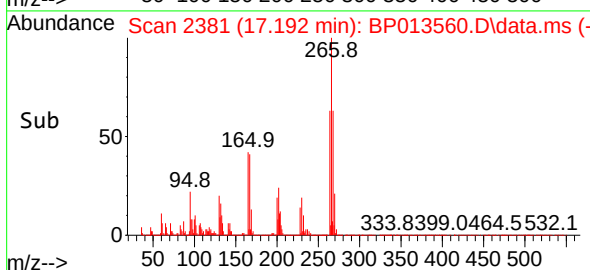
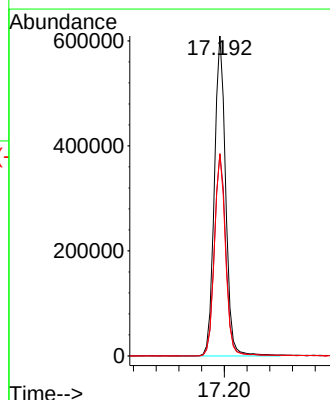
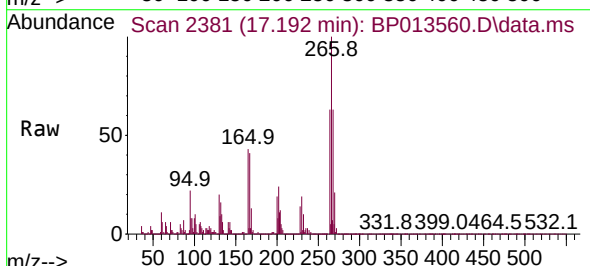
RT: 17.192 min Scan# 2381

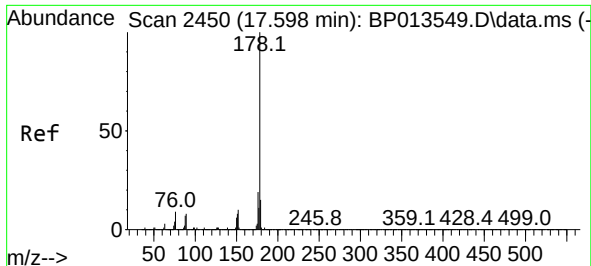
Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Tgt Ion:	266	Resp:	841670
Ion Ratio	Lower	Upper	
266	100		
268	63.2	50.7	76.1
264	63.1	48.9	73.3





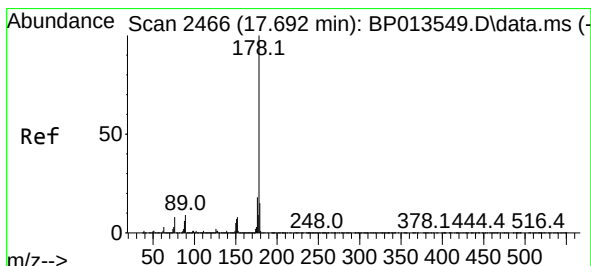
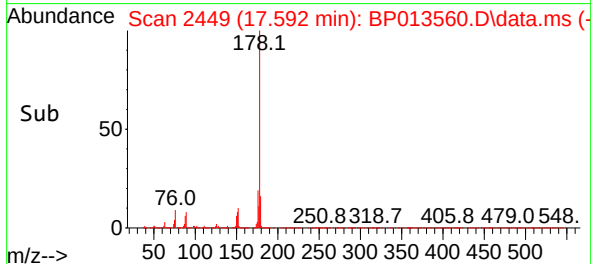
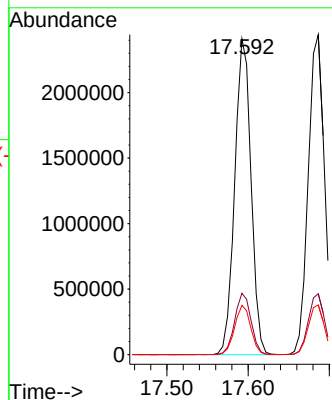
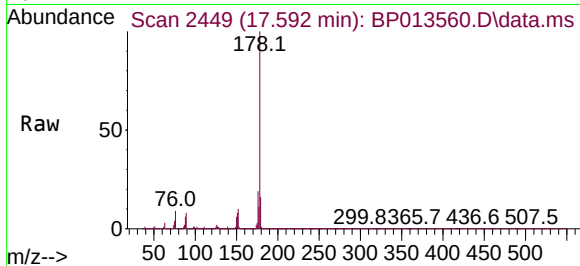
#71
Phenanthrene
Concen: 48.045 ng
RT: 17.592 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:178 Resp: 3366600
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.2 18.4

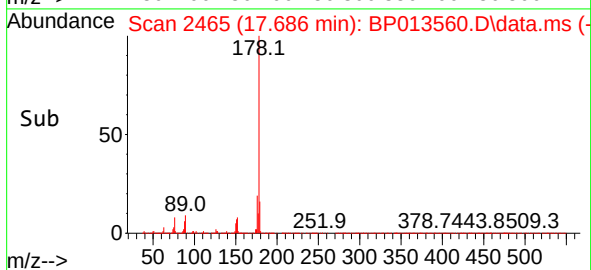
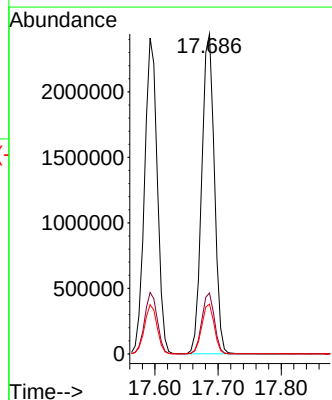
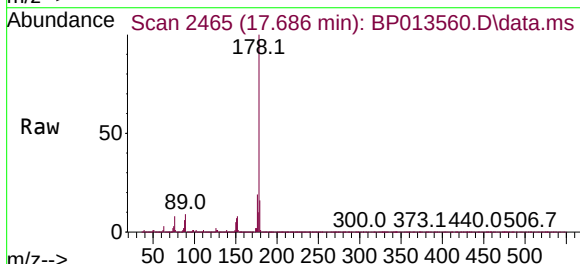
Manual Integrations
APPROVED

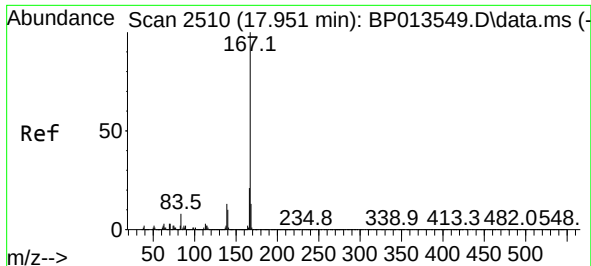
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 47.536 ng
RT: 17.686 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

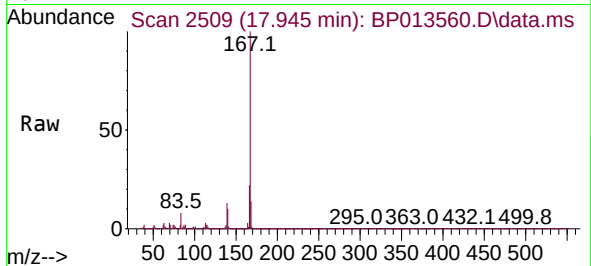
Tgt Ion:178 Resp: 3380677
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 44.379 ng
 RT: 17.945 min Scan# 2509
 Delta R.T. -0.006 min
 Lab File: BP013560.D
 Acq: 23 Jan 2023 22:38

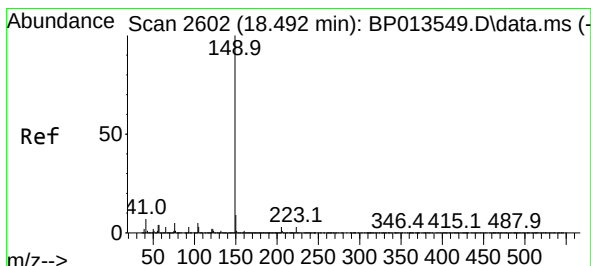
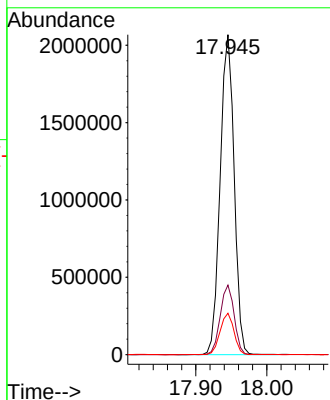
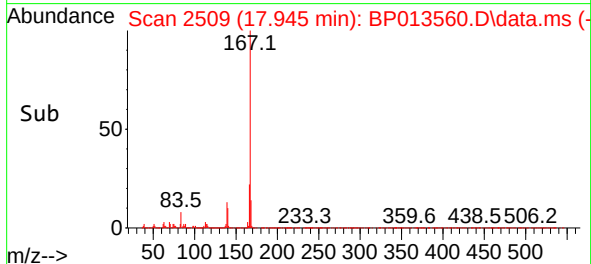
Instrument :
 BNA_P
 ClientSampleId :
 PB150338BSD



Tgt Ion:167 Resp: 2836354
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.9 10.3 15.5

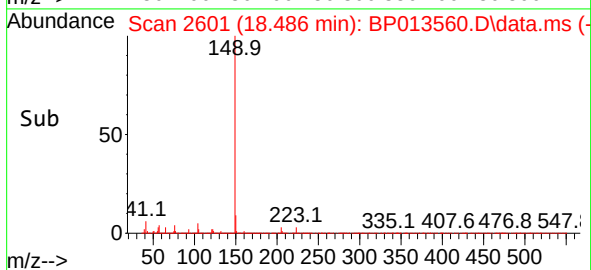
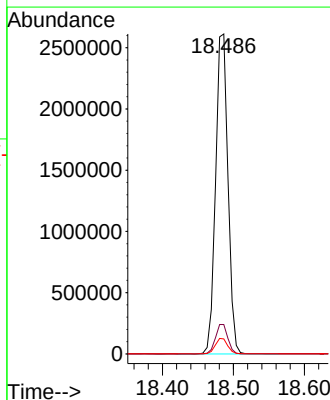
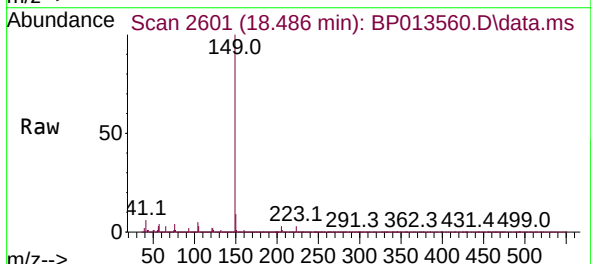
Manual Integrations
 APPROVED

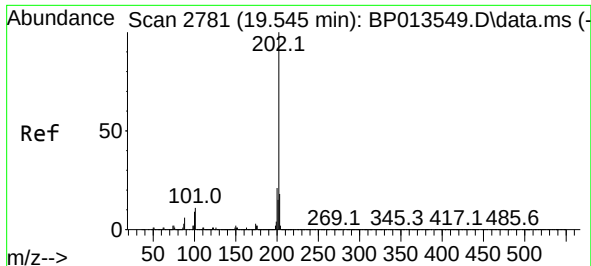
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#74
 Di-n-butylphthalate
 Concen: 44.516 ng
 RT: 18.486 min Scan# 2601
 Delta R.T. -0.006 min
 Lab File: BP013560.D
 Acq: 23 Jan 2023 22:38

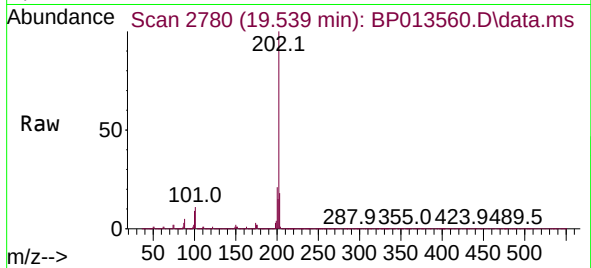
Tgt Ion:149 Resp: 3166555
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.9 5.9





#75
Fluoranthene
Concen: 40.667 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

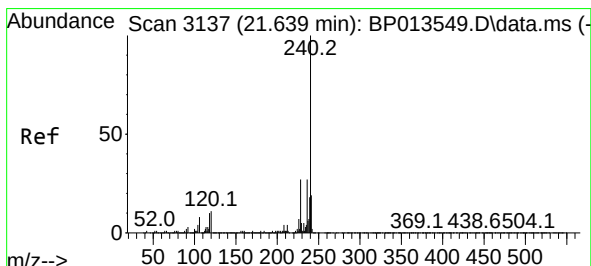
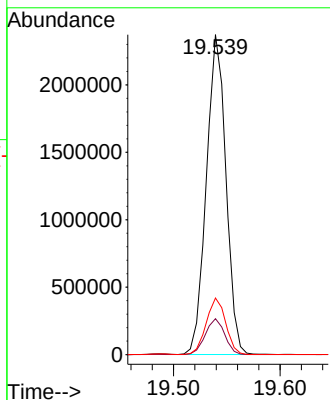
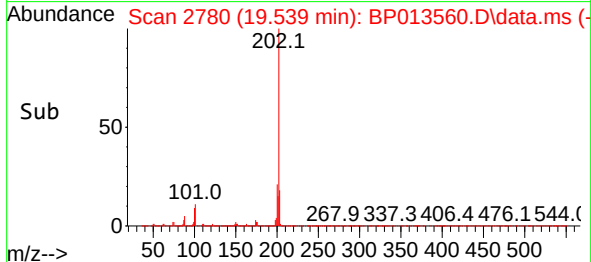
Instrument :
BNA_P
ClientSampleId :
PB150338BSD



Tgt Ion:202 Resp: 3030329
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.7 0.0 37.9

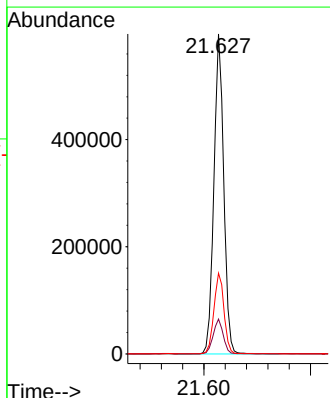
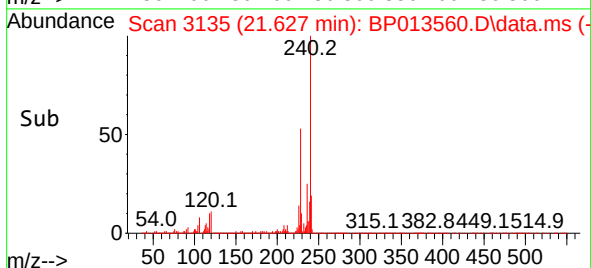
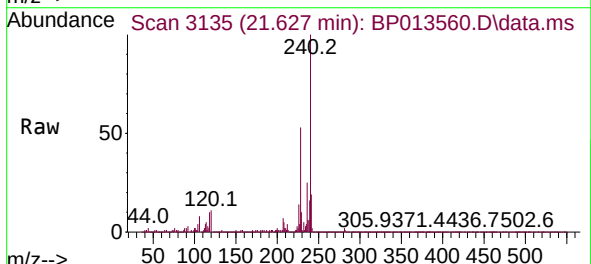
Manual Integrations
APPROVED

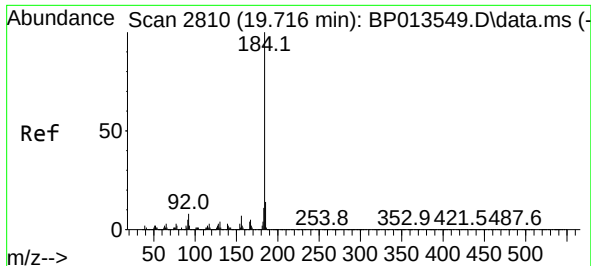
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3135
Delta R.T. -0.012 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:240 Resp: 765289
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.2 21.3 31.9





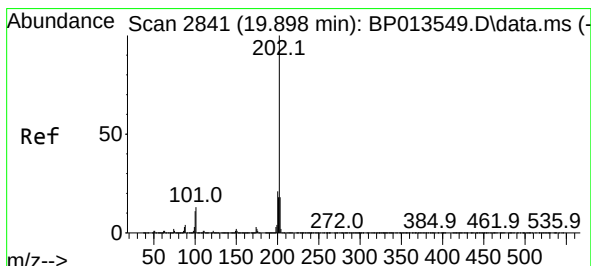
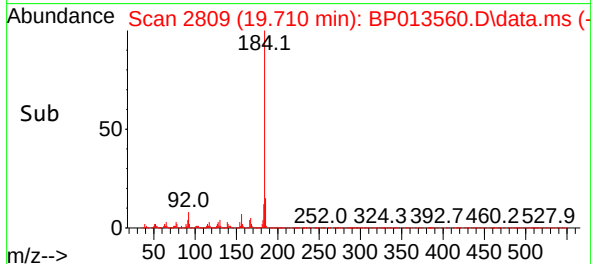
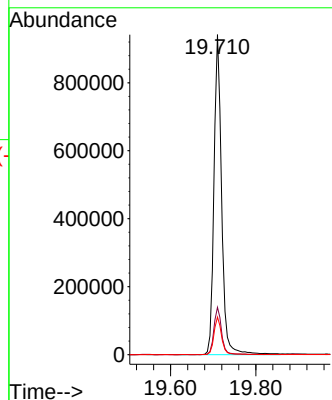
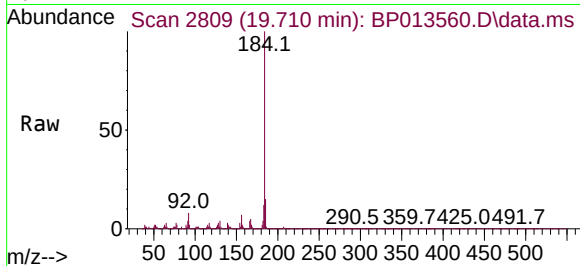
#77
Benzidine
Concen: 61.056 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:184 Resp: 1175168
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.8 9.0 13.6

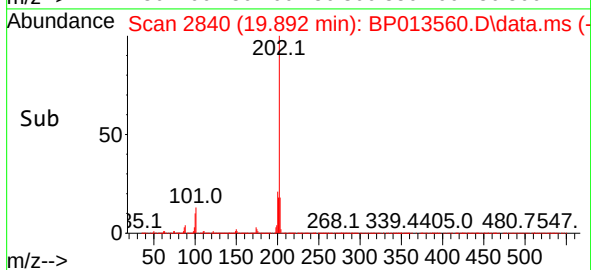
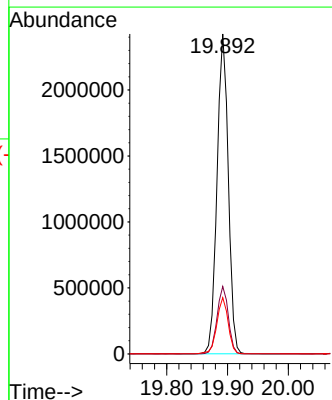
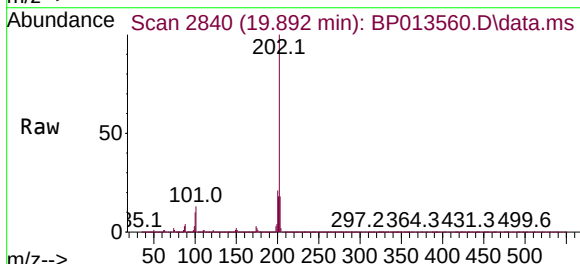
Manual Integrations
APPROVED

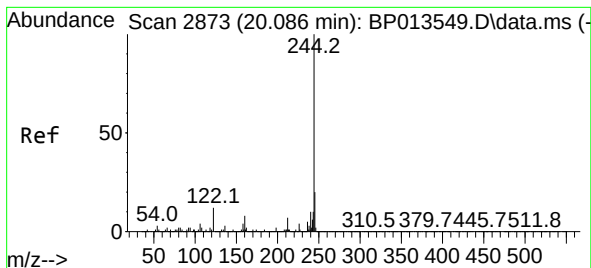
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#78
Pyrene
Concen: 53.280 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:202 Resp: 3117771
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 111.328 ng

RT: 20.080 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:244 Resp: 4735858

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

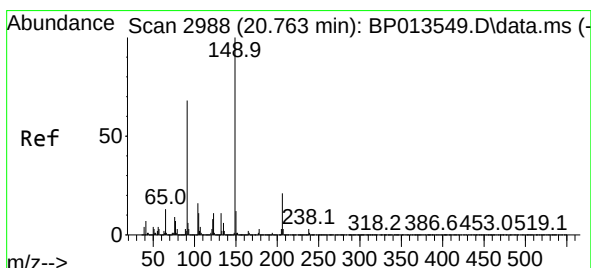
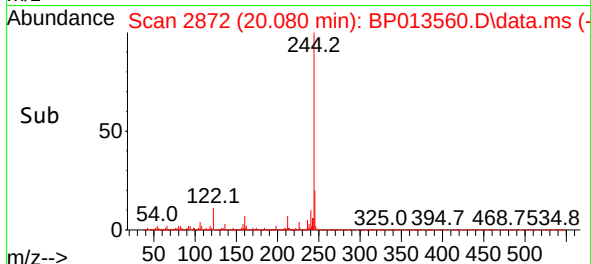
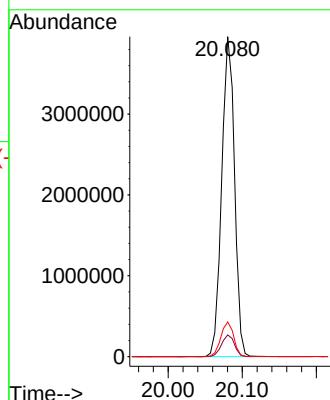
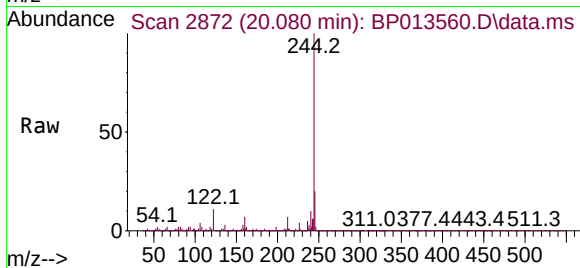
122 10.8 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#80

Butylbenzylphthalate

Concen: 53.065 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

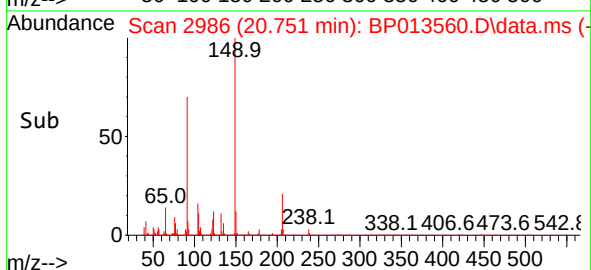
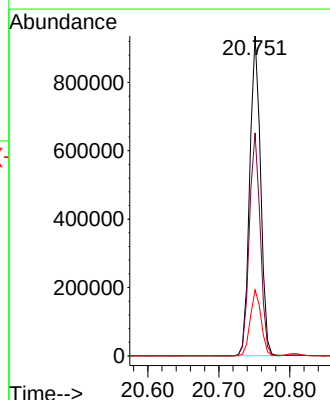
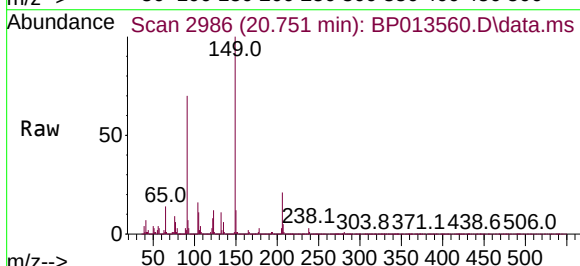
Tgt Ion:149 Resp: 988666

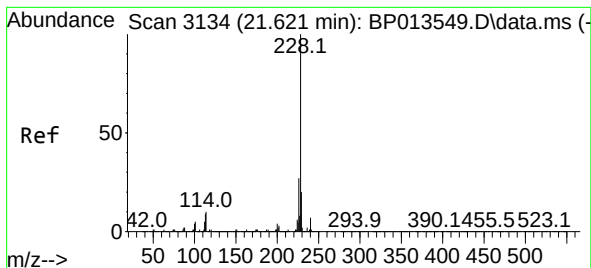
Ion Ratio Lower Upper

149 100

91 69.7 54.6 81.8

206 20.6 16.7 25.1





#81

Benzo(a)anthracene

Concen: 48.109 ng

RT: 21.610 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:228 Resp: 256494

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

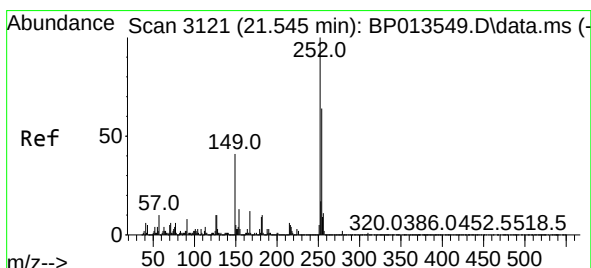
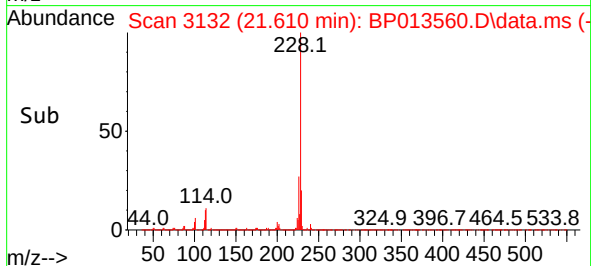
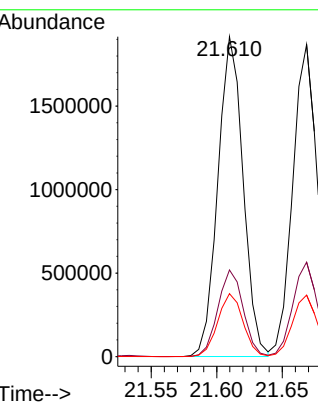
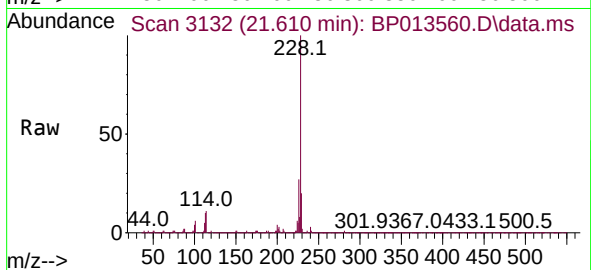
229 19.7 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.027 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

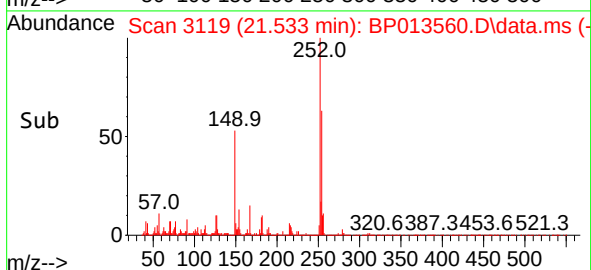
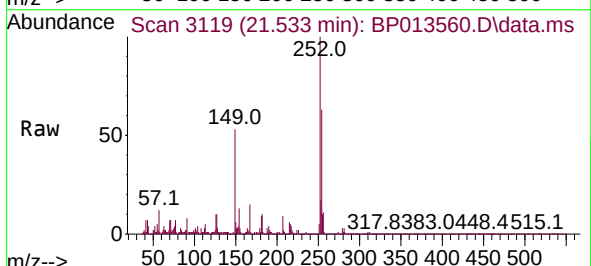
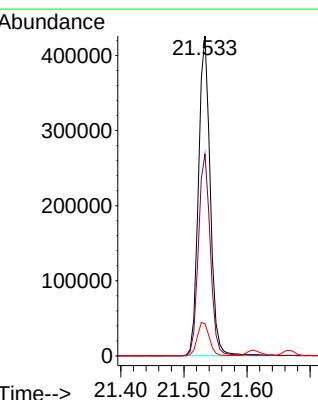
Tgt Ion:252 Resp: 550166

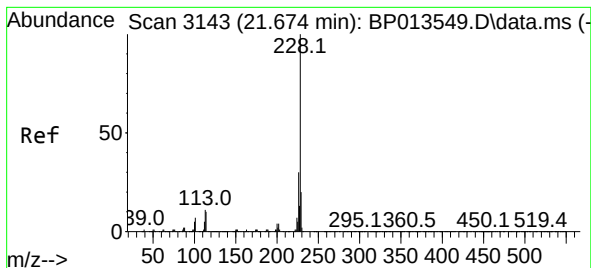
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

126 10.1 8.3 12.5





#83

Chrysene

Concen: 48.054 ng

RT: 21.669 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:228 Resp: 2450423

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

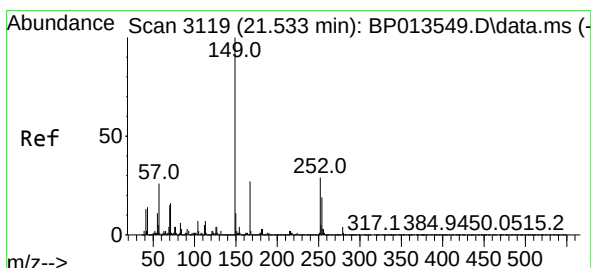
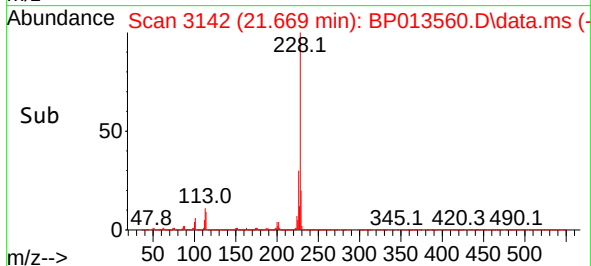
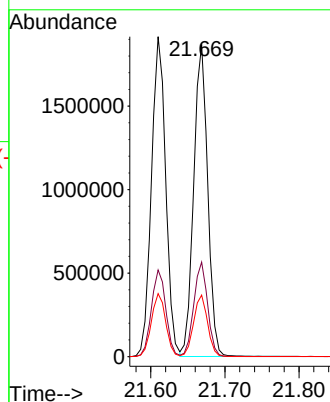
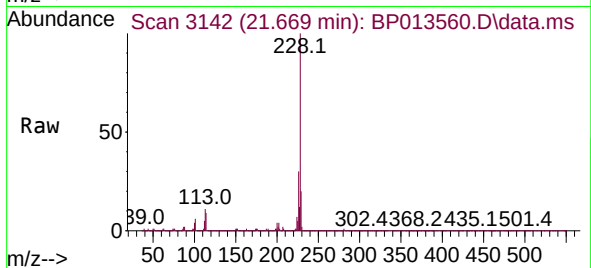
229 19.7 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.043 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

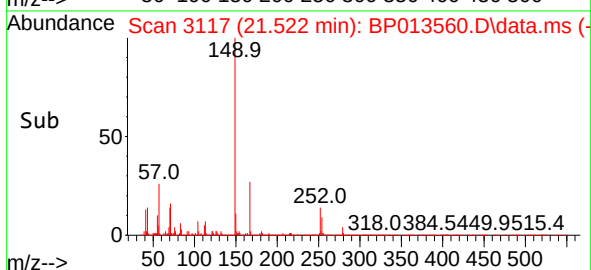
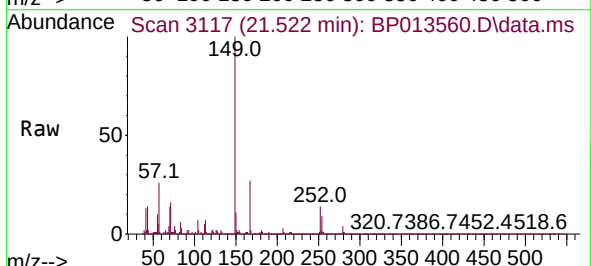
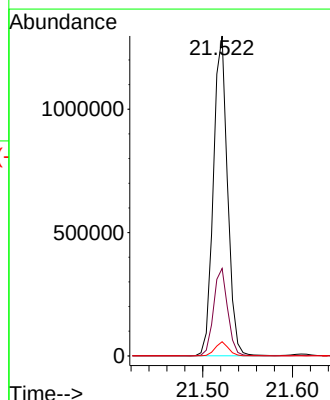
Tgt Ion:149 Resp: 1432520

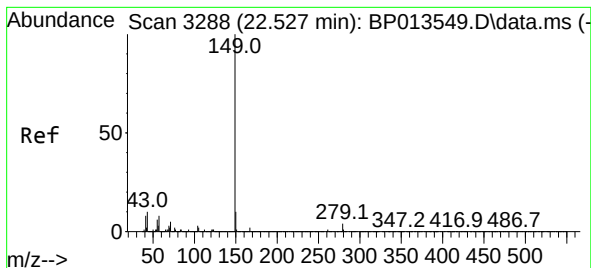
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.682 ng

RT: 22.510 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:149 Resp: 2340230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

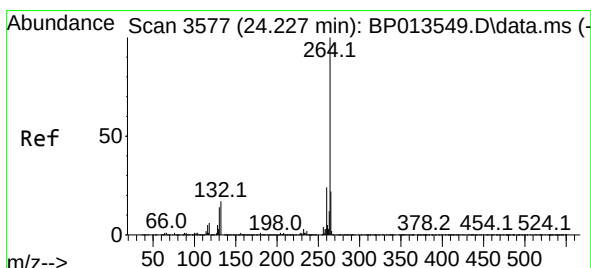
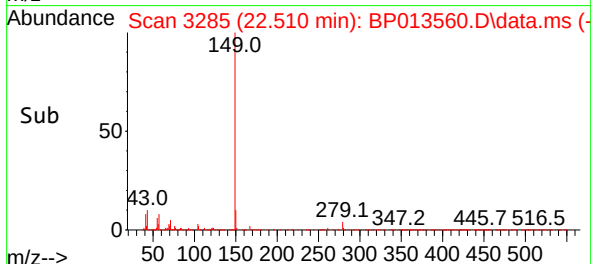
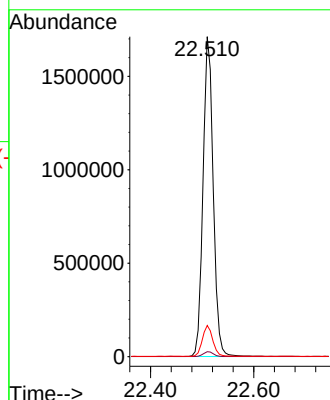
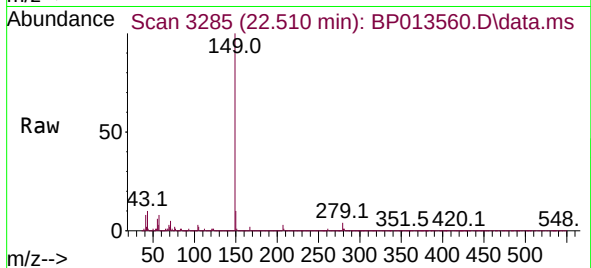
43 9.9 8.2 12.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

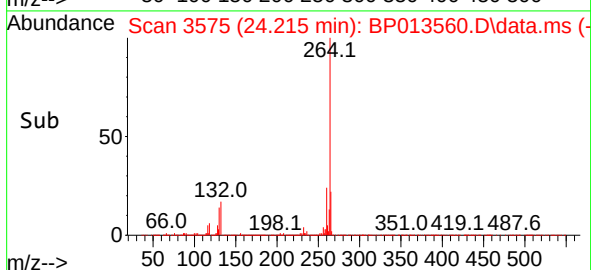
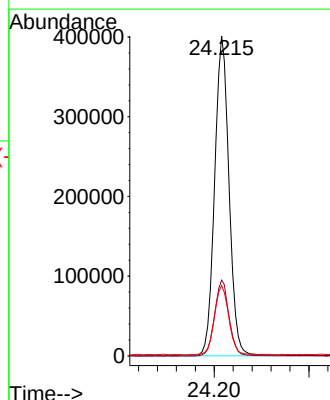
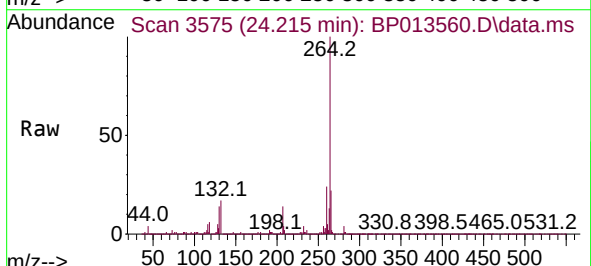
Tgt Ion:264 Resp: 845134

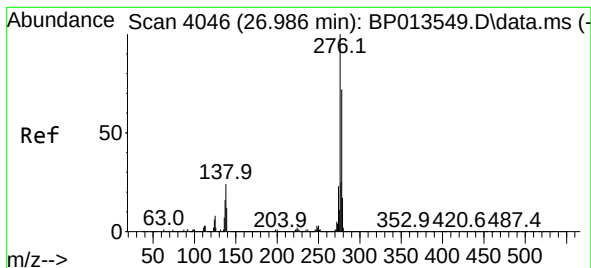
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.085 ng

RT: 26.962 min Scan# 4046

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:276 Resp: 3615834

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

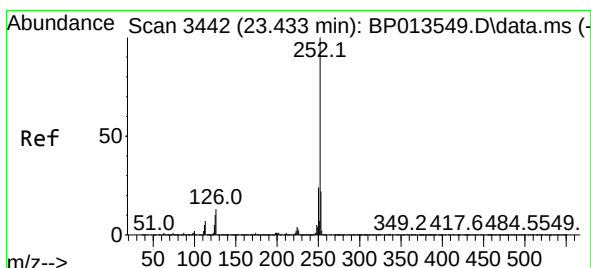
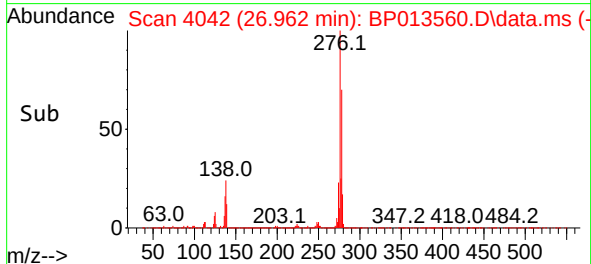
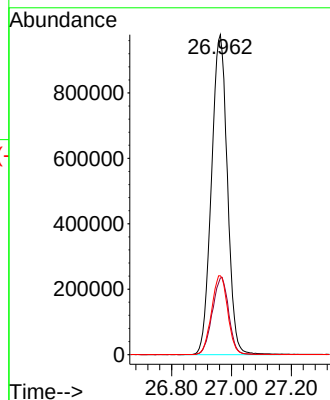
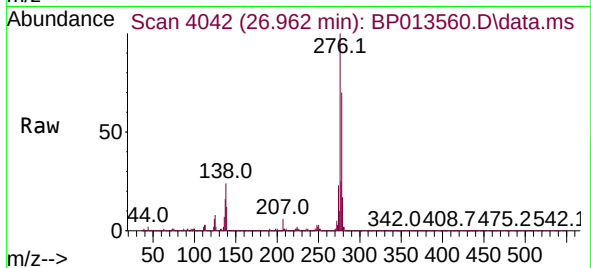
277 25.1 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 50.117 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

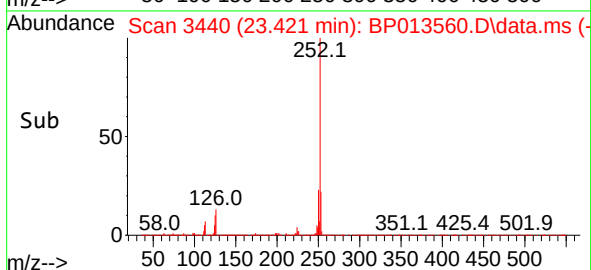
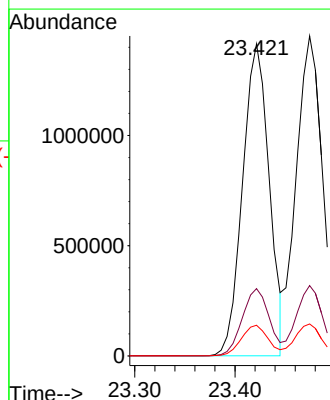
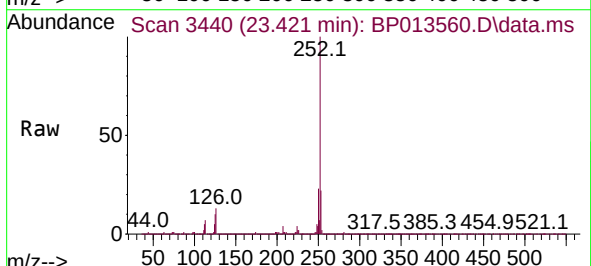
Tgt Ion:252 Resp: 2605613

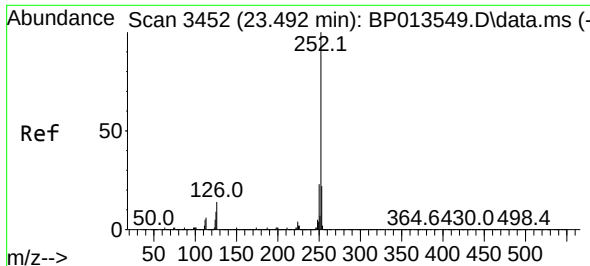
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 8.0 12.0





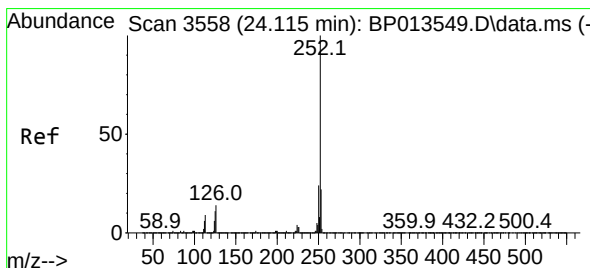
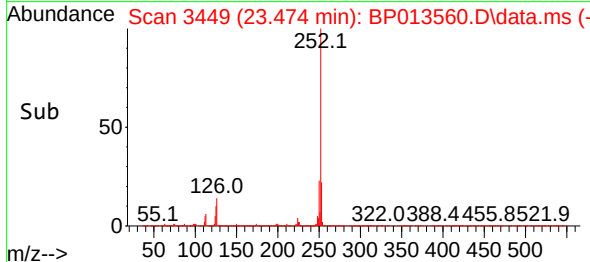
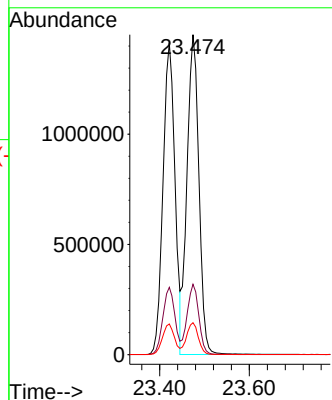
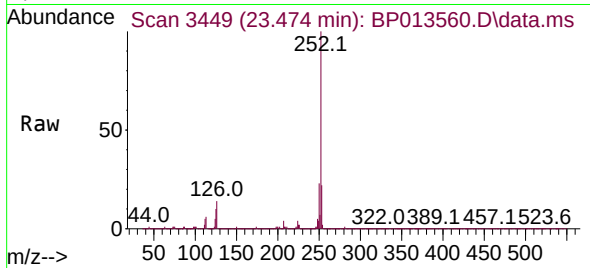
#89
Benzo(k)fluoranthene
Concen: 50.476 ng
RT: 23.474 min Scan# 3449
Delta R.T. -0.018 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Tgt Ion:252 Resp: 2676653
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.0 7.5 11.3

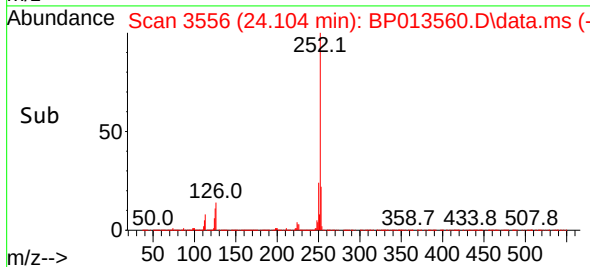
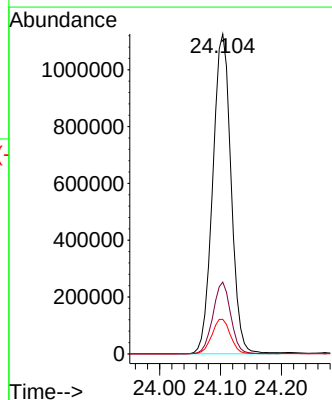
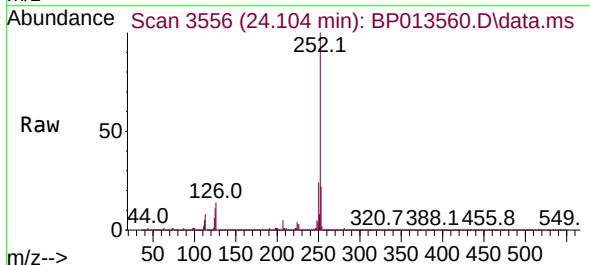
Manual Integrations
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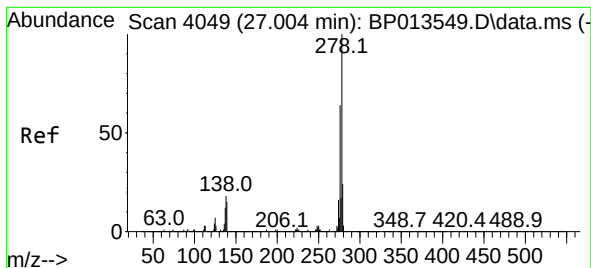
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#90
Benzo(a)pyrene
Concen: 46.589 ng
RT: 24.104 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP013560.D
Acq: 23 Jan 2023 22:38

Tgt Ion:252 Resp: 2349640
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 58.476 ng

RT: 26.980 min Scan# 4049

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA_P

ClientSampleId :

PB150338BSD

Tgt Ion:278 Resp: 305333

Ion Ratio Lower Upper

278 100

139 15.9 12.3 18.5

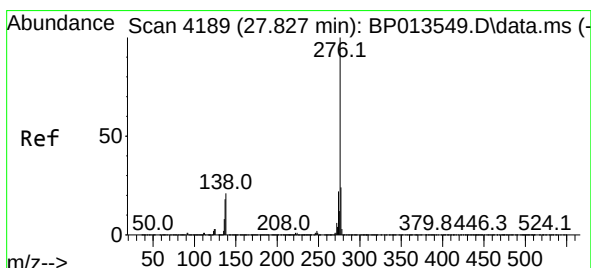
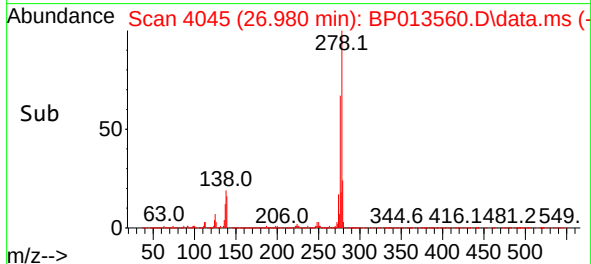
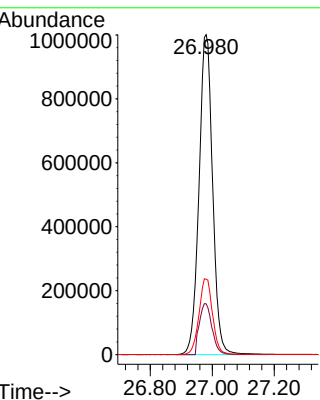
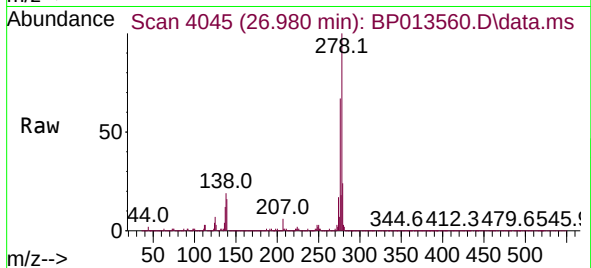
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#92

Benzo(g,h,i)perylene

Concen: 58.980 ng

RT: 27.804 min Scan# 4185

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Tgt Ion:276 Resp: 3006112

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 21.6 16.6 25.0

