

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013559.D
 Acq On : 23 Jan 2023 22:04
 Operator : CG/JU
 Sample : PB150338BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150338BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 05:50:27 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	305048	20.000	ng	0.00
21) Naphthalene-d8	10.992	136	1182877	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	628678	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1173361	20.000	ng	0.00
76) Chrysene-d12	21.627	240	917080	20.000	ng	-0.01
86) Perylene-d12	24.215	264	931133	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2784528	156.398	ng	0.00
7) Phenol-d6	7.304	99	3437757	143.467	ng	0.00
23) Nitrobenzene-d5	9.334	82	1862510	103.947	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1038477	164.683	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4410931	96.308	ng	0.00
79) Terphenyl-d14	20.080	244	5247178	102.932	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	293781	40.931	ng	98
3) Pyridine	3.940	79	817637	38.374	ng	99
4) n-Nitrosodimethylamine	3.852	42	433812	45.031	ng	97
6) Aniline	7.475	93	1135670	35.281	ng	99
8) 2-Chlorophenol	7.722	128	991981	50.492	ng	99
9) Benzaldehyde	7.287	77	439053m	28.934	ng	
10) Phenol	7.334	94	1245211	50.158	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	944119	46.509	ng	98
12) 1,3-Dichlorobenzene	8.051	146	1093526	50.332	ng	98
13) 1,4-Dichlorobenzene	8.198	146	1113401	50.541	ng	99
14) 1,2-Dichlorobenzene	8.522	146	1068790	50.105	ng	99
15) Benzyl Alcohol	8.398	79	795280	46.453	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	1293320	46.527	ng	99
17) 2-Methylphenol	8.598	107	813357	45.112	ng	99
18) Hexachloroethane	9.257	117	383491	52.081	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	671388	43.501	ng	99
20) 3+4-Methylphenols	8.928	107	1064204	44.843	ng	97
22) Acetophenone	8.993	105	1437726	47.379	ng	# 99
24) Nitrobenzene	9.381	77	981448	50.944	ng	98
25) Isophorone	9.904	82	1836279	43.207	ng	100
26) 2-Nitrophenol	10.092	139	367198	51.282	ng	96
27) 2,4-Dimethylphenol	10.145	122	909210	49.559	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	1190757	46.493	ng	100
29) 2,4-Dichlorophenol	10.628	162	856217	50.738	ng	99
30) 1,2,4-Trichlorobenzene	10.851	180	959674	49.832	ng	99
31) Naphthalene	11.045	128	2976039	46.798	ng	99
32) Benzoic acid	10.269	122	410423	47.258	ng	96
33) 4-Chloroaniline	11.145	127	284998	10.128	ng	98
34) Hexachlorobutadiene	11.328	225	546134	48.731	ng	99
35) Caprolactam	11.916	113	247531	45.244	ng	99
36) 4-Chloro-3-methylphenol	12.251	107	863266	46.972	ng	98
37) 2-Methylnaphthalene	12.639	142	2001284	44.274	ng	99
38) 1-Methylnaphthalene	12.857	142	1843880	43.412	ng	98
40) 1,2,4,5-Tetrachloroben...	12.998	216	980202	50.643	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1269808	122.772	ng	99
43) 2,4,6-Trichlorophenol	13.233	196	605877	53.485	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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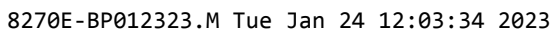
Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

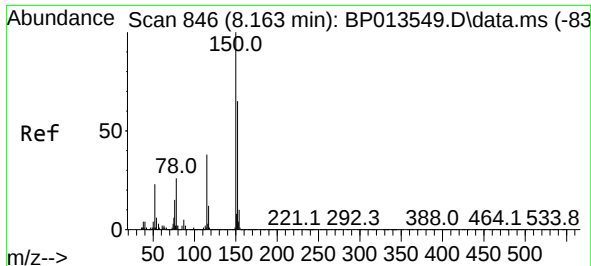
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	659587	49.275	ng	98
46) 1,1'-Biphenyl	13.633	154	2498967	49.495	ng	99
47) 2-Chloronaphthalene	13.681	162	1897852	50.174	ng	99
48) 2-Nitroaniline	13.875	65	452763	47.883	ng	94
49) Acenaphthylene	14.522	152	2950004	47.689	ng	99
50) Dimethylphthalate	14.245	163	2192779	46.922	ng	100
51) 2,6-Dinitrotoluene	14.363	165	441316	48.295	ng	94
52) Acenaphthene	14.863	154	1960806	51.315	ng	99
53) 3-Nitroaniline	14.692	138	278701	29.080	ng	99
54) 2,4-Dinitrophenol	14.898	184	317832	87.656	ng	92
55) Dibenzofuran	15.192	168	2733971	46.660	ng	100
56) 4-Nitrophenol	14.986	139	799567	99.646	ng	94
57) 2,4-Dinitrotoluene	15.145	165	573646	52.421	ng	94
58) Fluorene	15.845	166	2169142	46.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.416	232	529231	51.490	ng	99
60) Diethylphthalate	15.610	149	2107153	46.165	ng	99
61) 4-Chlorophenyl-phenylether	15.833	204	1053322	45.997	ng	98
62) 4-Nitroaniline	15.857	138	458262	46.046	ng	94
63) Azobenzene	16.127	77	2025582	45.670	ng	98
65) 4,6-Dinitro-2-methylphthalate	15.910	198	203697	52.598	ng	98
66) n-Nitrosodiphenylamine	16.045	169	1851194	48.379	ng	99
67) 4-Bromophenyl-phenylether	16.733	248	629714	48.449	ng	98
68) Hexachlorobenzene	16.851	284	731393	52.096	ng	99
69) Atrazine	16.998	200	586113	53.535	ng	97
70) Pentachlorophenol	17.192	266	807994	85.816	ng	99
71) Phenanthrene	17.592	178	3176233	48.653	ng	99
72) Anthracene	17.686	178	3212196	48.479	ng	99
73) Carbazole	17.945	167	2877111	48.317	ng	100
74) Di-n-butylphthalate	18.486	149	3238410	48.865	ng	100
75) Fluoranthene	19.539	202	3295837	47.473	ng	100
77) Benzidine	19.710	184	1368654	59.339	ng	99
78) Pyrene	19.892	202	3420671	48.781	ng	100
80) Butylbenzylphthalate	20.751	149	1195083	53.528	ng	97
81) Benzo(a)anthracene	21.609	228	3078363	48.183	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	622602	30.245	ng	100
83) Chrysene	21.668	228	2921582	47.810	ng	99
84) Bis(2-ethylhexyl)phthalate	21.521	149	1745413	48.848	ng	100
85) Di-n-octyl phthalate	22.509	149	2860809	49.661	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	3597835	52.458	ng	100
88) Benzo(b)fluoranthene	23.421	252	3054637	53.327	ng	100
89) Benzo(k)fluoranthene	23.474	252	2936541	50.263	ng	99
90) Benzo(a)pyrene	24.103	252	2595843	46.717	ng	100
91) Dibenzo(a,h)anthracene	26.980	278	3045259	52.935	ng	99
92) Benzo(g,h,i)perylene	27.803	276	2943954	52.426	ng	99

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

Manual Integrations

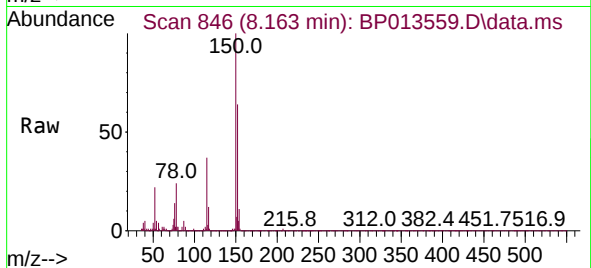
Quant Time: Jan 24 05:50:27 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

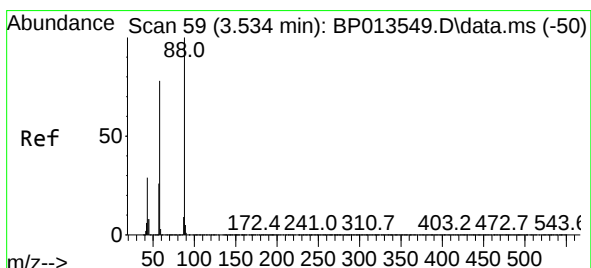
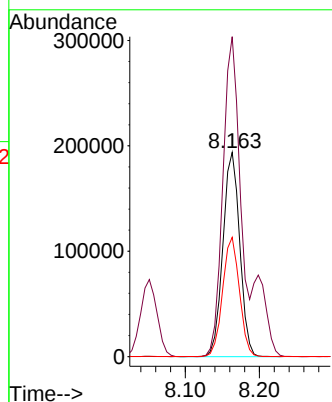
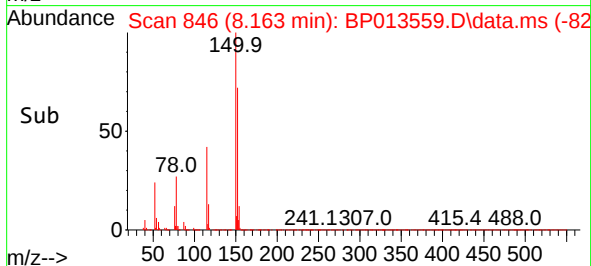
Instrument :
BNA_P
ClientSampleId :
PB150338BS



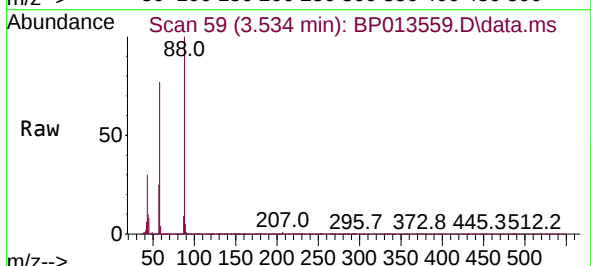
Tgt Ion:152 Resp: 305048
Ion Ratio Lower Upper
152 100
150 156.7 122.4 183.6
115 58.4 46.1 69.1

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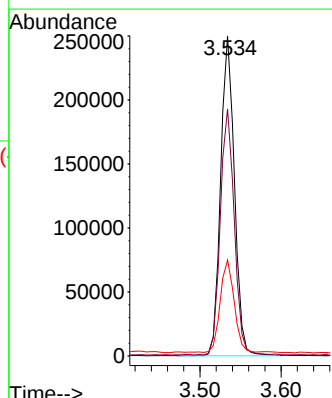
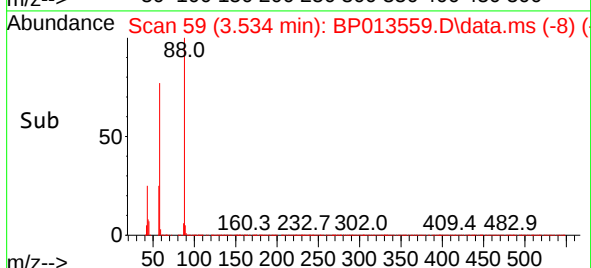
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

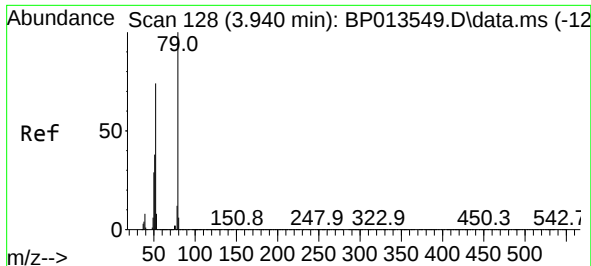


#2
1,4-Dioxane
Concen: 40.931 ng
RT: 3.534 min Scan# 59
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



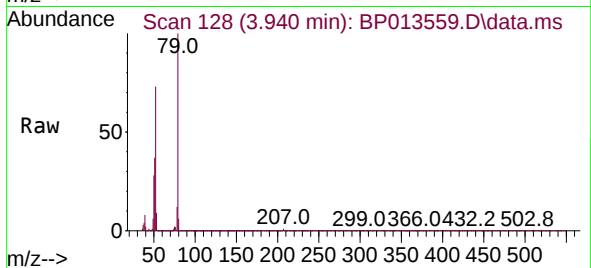
Tgt Ion: 88 Resp: 293781
Ion Ratio Lower Upper
88 100
58 78.2 63.6 95.4
43 29.1 24.2 36.2





#3
Pyridine
Concen: 38.374 ng
RT: 3.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

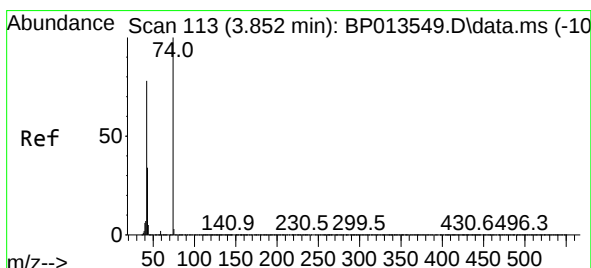
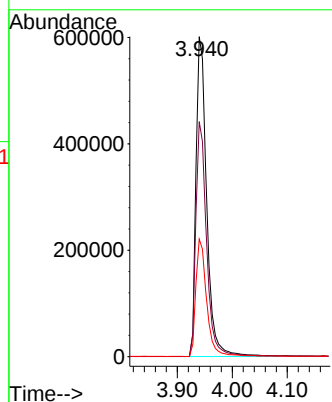
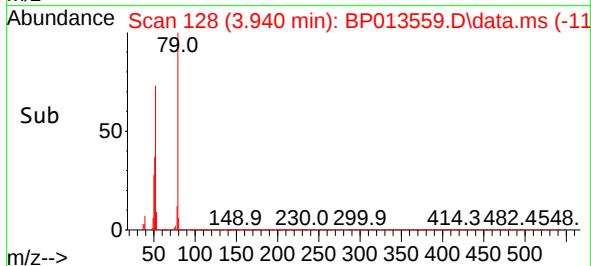
Instrument :
BNA_P
ClientSampleId :
PB150338BS



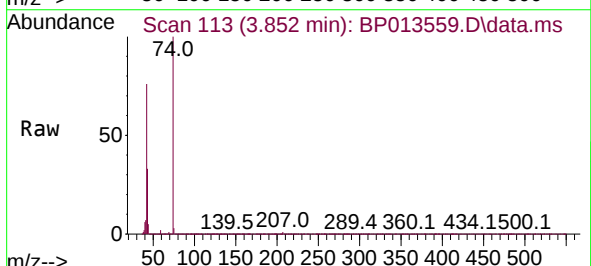
Tgt Ion: 79 Resp: 81763
Ion Ratio Lower Upper
79 100
52 73.4 59.4 89.2
51 36.8 30.6 45.8

Manual Integrations
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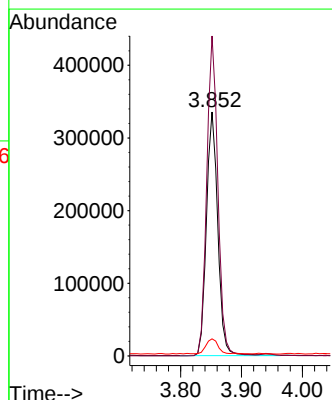
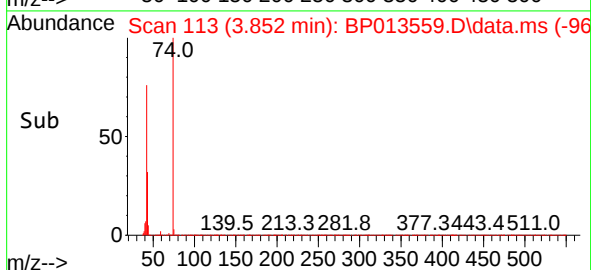
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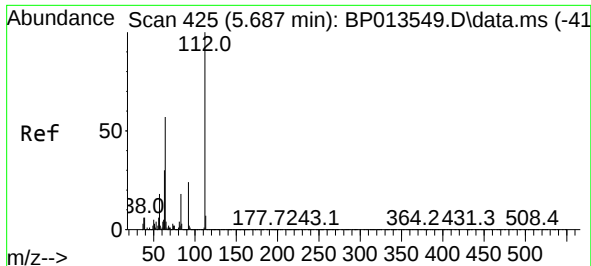


#4
n-Nitrosodimethylamine
Concen: 45.031 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



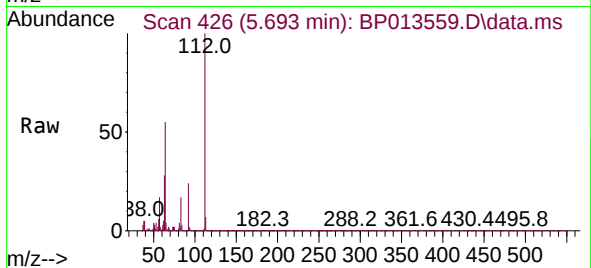
Tgt Ion: 42 Resp: 433812
Ion Ratio Lower Upper
42 100
74 131.2 102.3 153.5
44 7.0 6.2 9.2





#5
2-Fluorophenol
Concen: 156.398 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

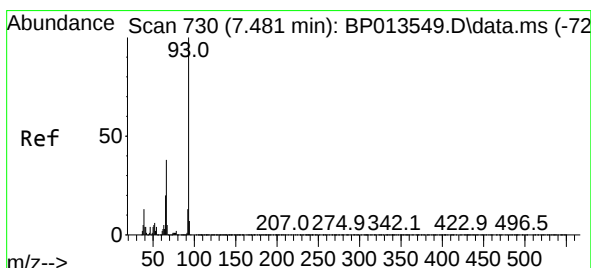
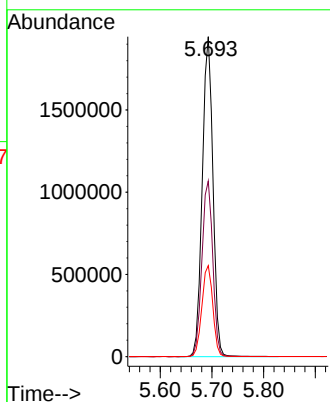
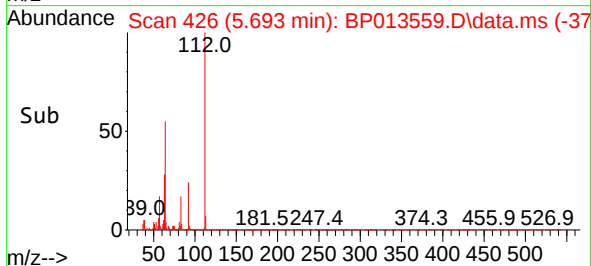
Instrument :
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ClientSampleId :
PB150338BS



Tgt Ion:112 Resp: 2784528
Ion Ratio Lower Upper
112 100
64 54.9 45.4 68.0
63 28.4 24.1 36.1

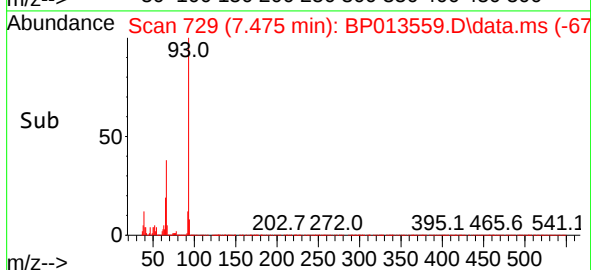
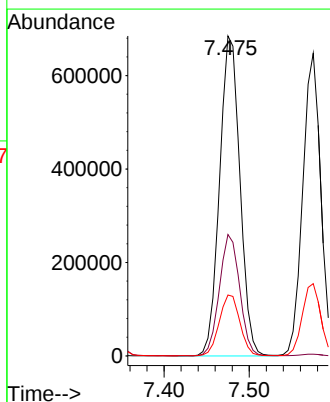
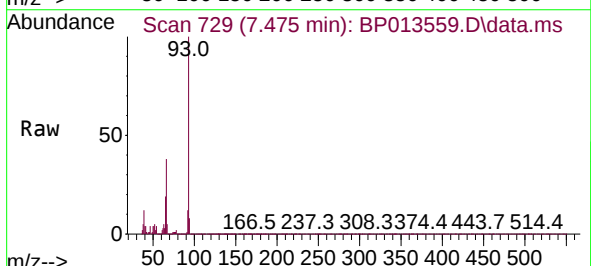
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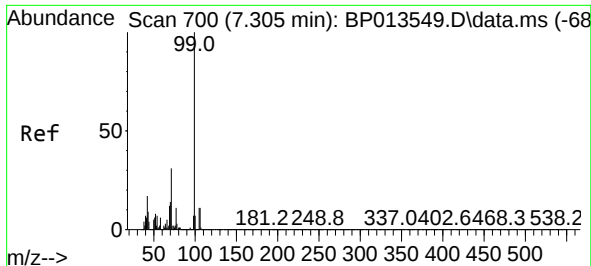
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 35.281 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

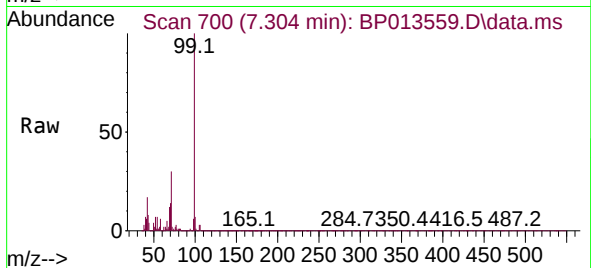
Tgt Ion: 93 Resp: 1135670
Ion Ratio Lower Upper
93 100
66 37.9 30.3 45.5
65 19.0 15.9 23.9





#7
Phenol-d6
Concen: 143.467 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

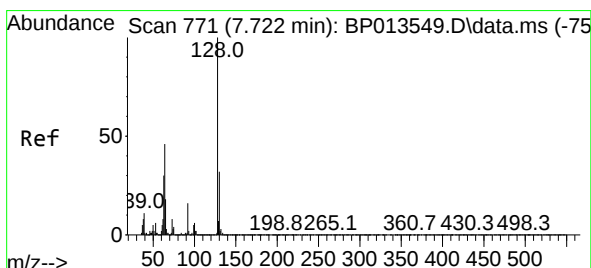
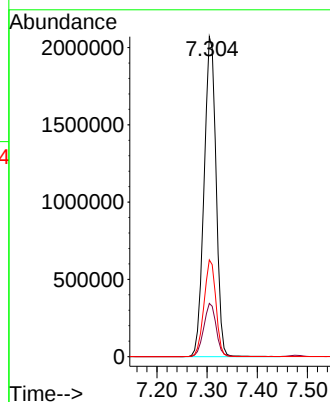
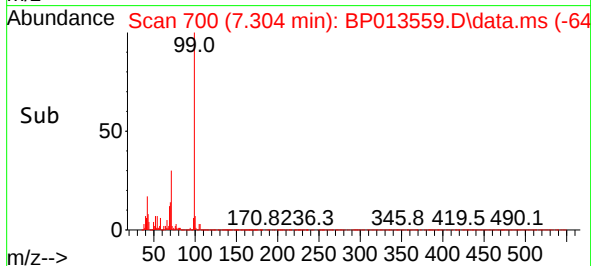
Instrument :
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Tgt Ion: 99 Resp: 343775
Ion Ratio Lower Upper
99 100
42 16.6 14.0 21.0
71 30.2 24.7 37.1

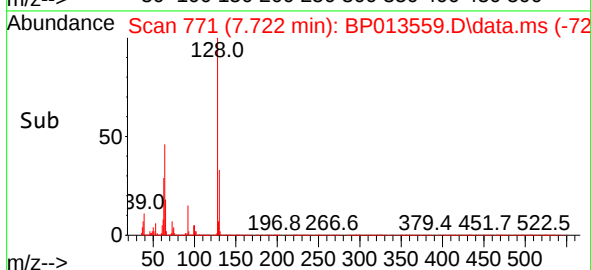
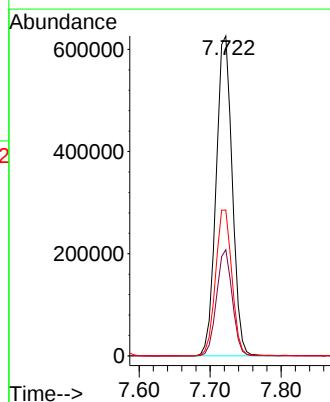
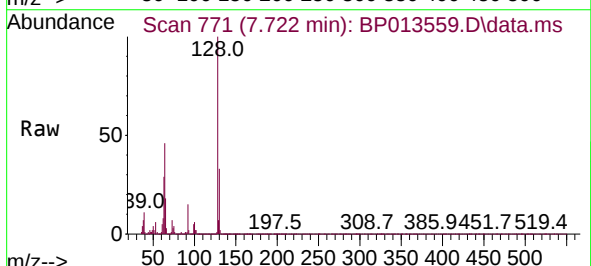
Manual Integrations
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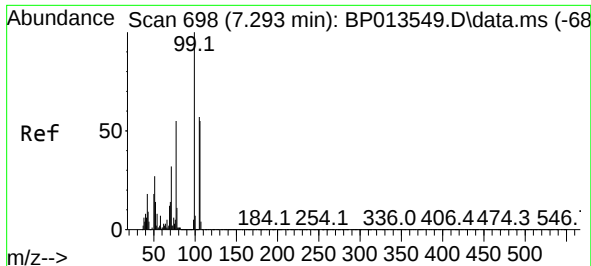
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 50.492 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:128 Resp: 991981
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 45.6 26.2 66.2





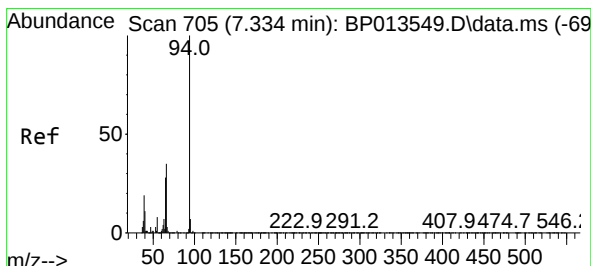
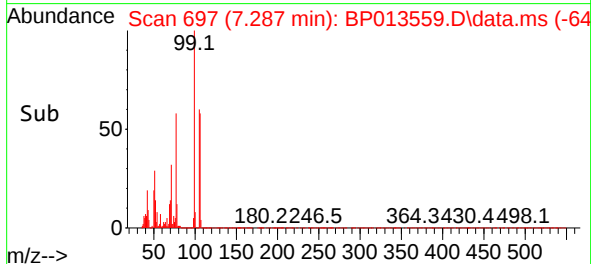
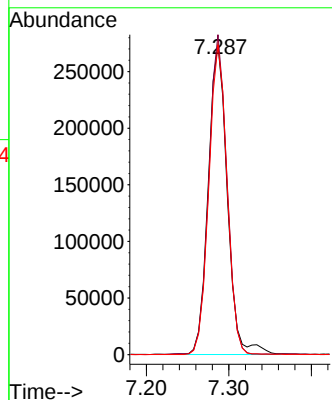
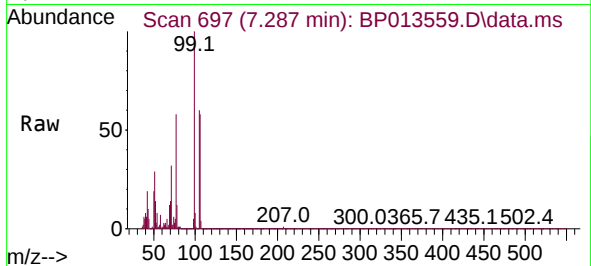
#9
Benzaldehyde
Concen: 28.934 ng m
RT: 7.287 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :
BNA_P
ClientSampleId :
PB150338BS

Tgt Ion: 77 Resp: 439053
Ion Ratio Lower Upper
77 100
105 103.4 82.6 122.6
106 100.1 78.9 118.9

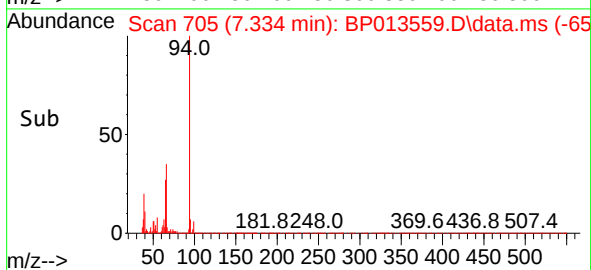
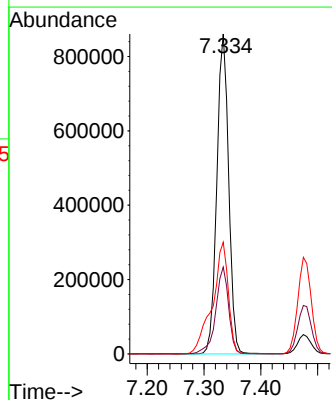
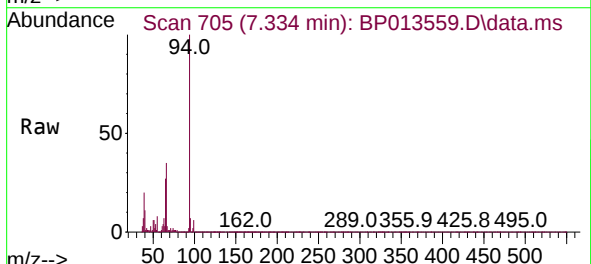
Manual Integrations
APPROVED

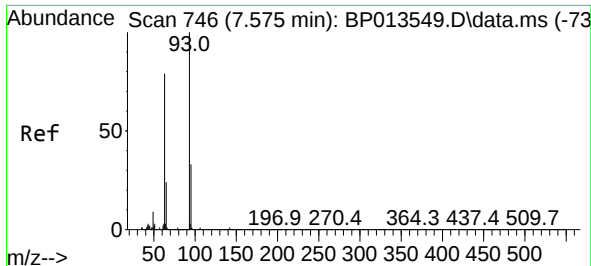
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 50.158 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

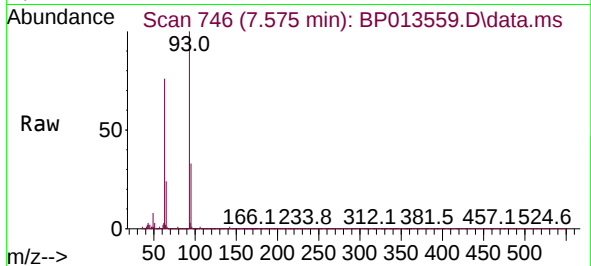
Tgt Ion: 94 Resp: 1245211
Ion Ratio Lower Upper
94 100
65 27.1 7.8 47.8
66 34.9 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 46.509 ng
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

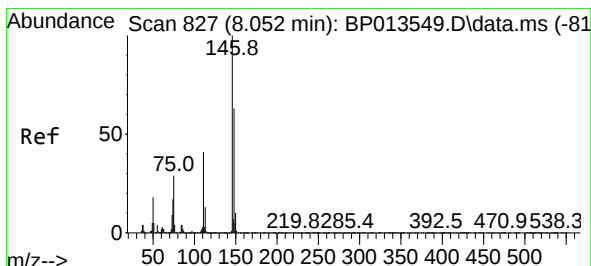
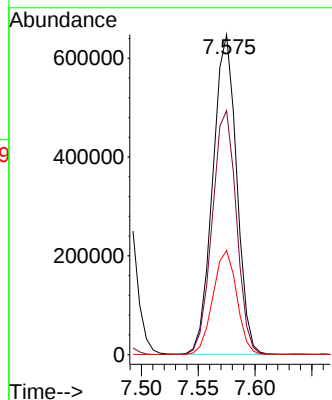
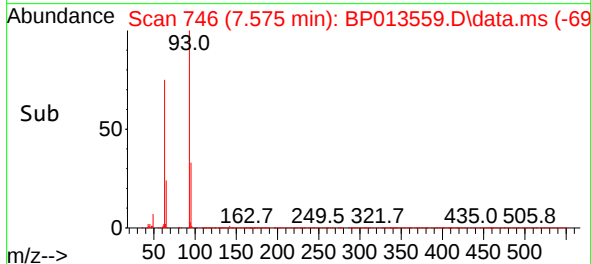
Instrument :
BNA_P
ClientSampleId :
PB150338BS



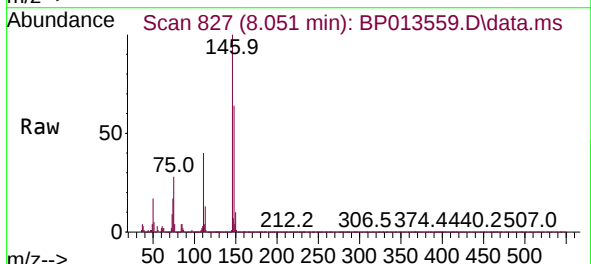
Tgt Ion: 93 Resp: 944119
Ion Ratio Lower Upper
93 100
63 76.2 58.7 98.7
95 32.5 12.8 52.8

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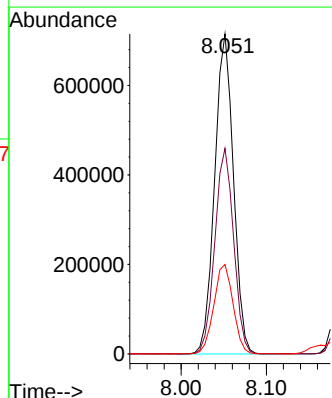
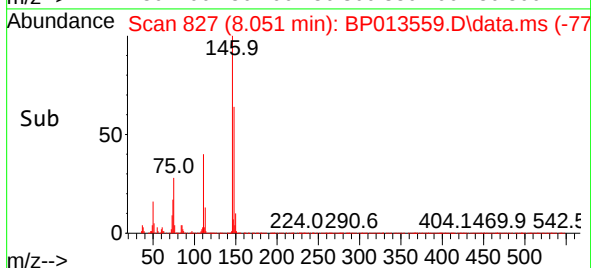
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

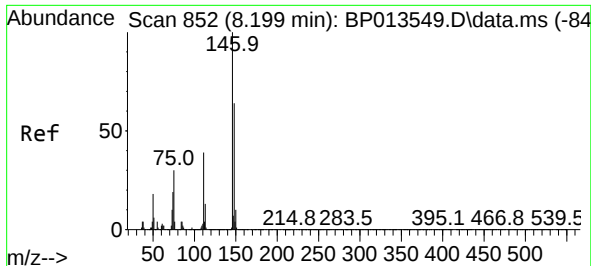


#12
1,3-Dichlorobenzene
Concen: 50.332 ng
RT: 8.051 min Scan# 827
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



Tgt Ion:146 Resp: 1093526
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
75 27.9 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 50.541 ng

RT: 8.198 min Scan# 852

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:146 Resp: 111340

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

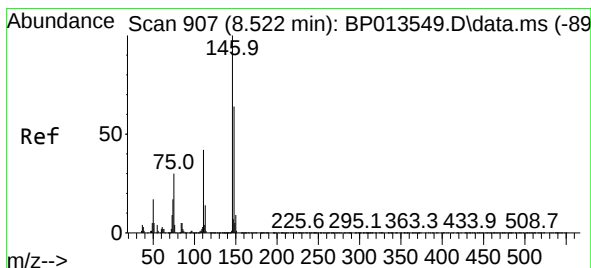
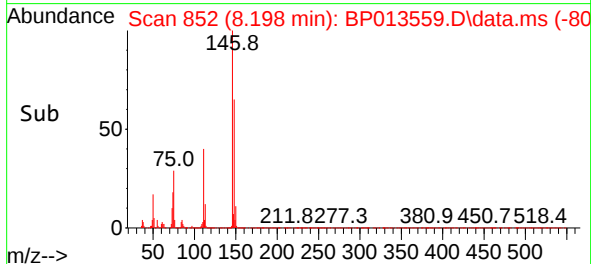
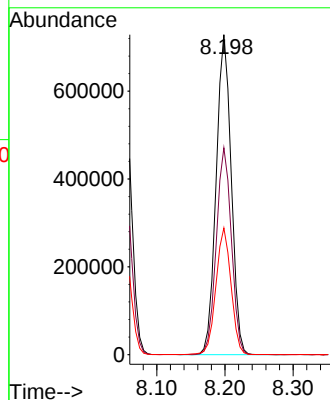
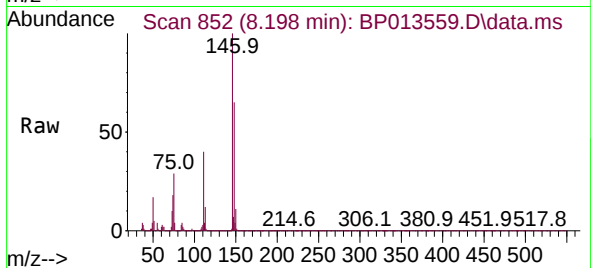
111 39.6 31.4 47.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#14

1,2-Dichlorobenzene

Concen: 50.105 ng

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

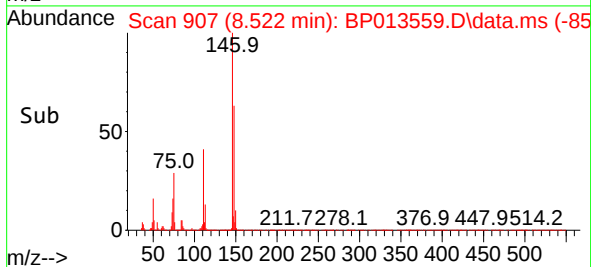
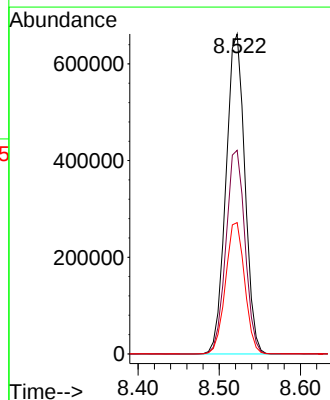
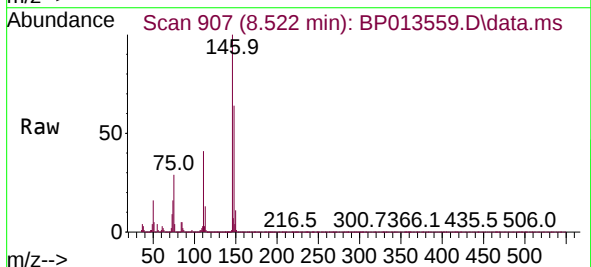
Tgt Ion:146 Resp: 1068790

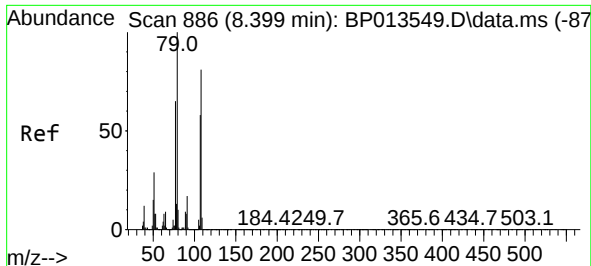
Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

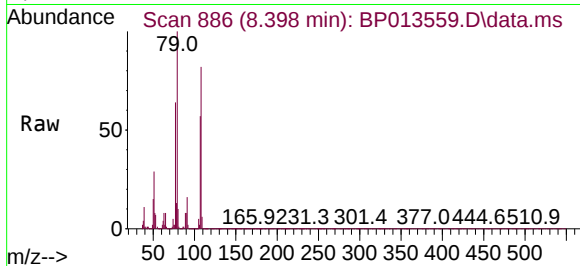
111 41.0 33.4 50.2





#15
Benzyl Alcohol
Concen: 46.453 ng
RT: 8.398 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

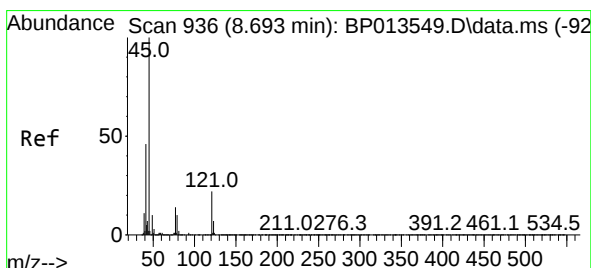
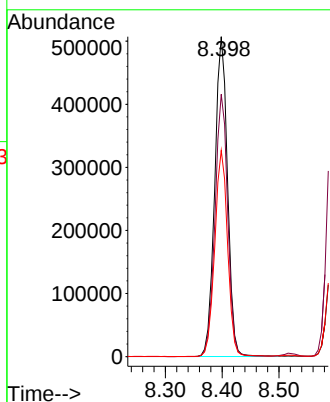
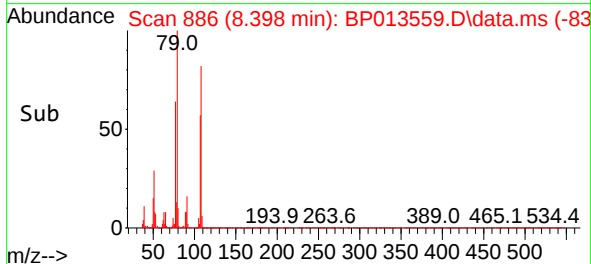
Instrument :
BNA_P
Client Sample Id :
PB150338BS



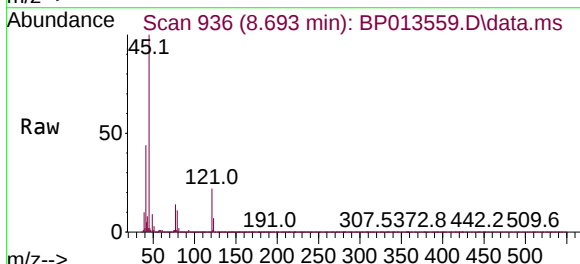
Tgt Ion: 79 Resp: 795280
Ion Ratio Lower Upper
79 100
108 82.0 65.2 97.8
77 64.4 52.3 78.5

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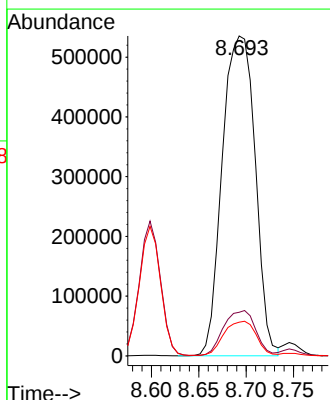
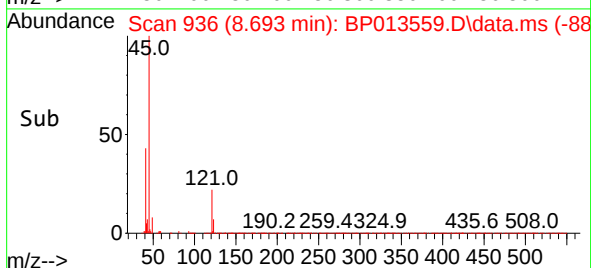
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

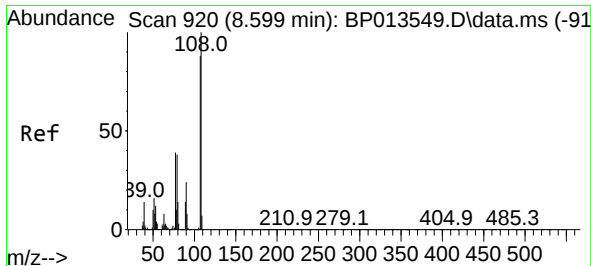


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.527 ng
RT: 8.693 min Scan# 936
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



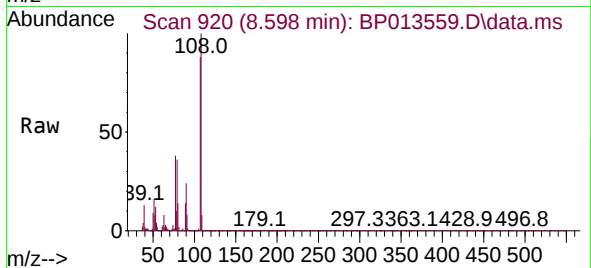
Tgt Ion: 45 Resp: 1293320
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.5 0.0 30.4





#17
2-Methylphenol
Concen: 45.112 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

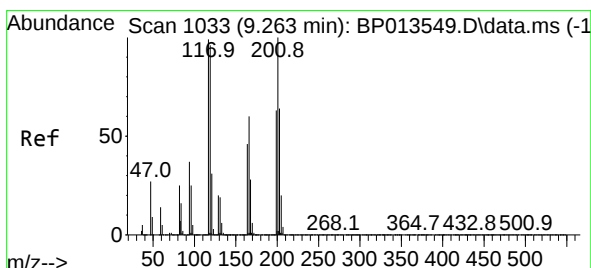
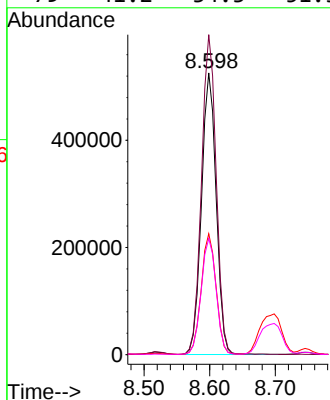
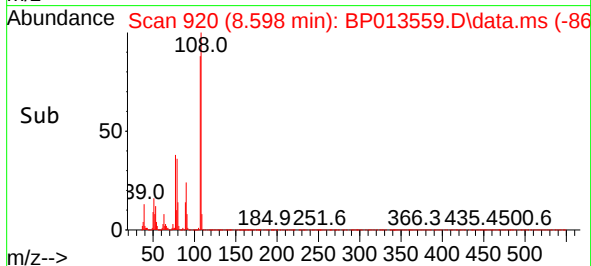
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:107 Resp: 81335
Ion Ratio Lower Upper
107 100
108 113.6 90.5 135.7
77 42.9 35.4 53.2
79 41.2 34.3 51.5

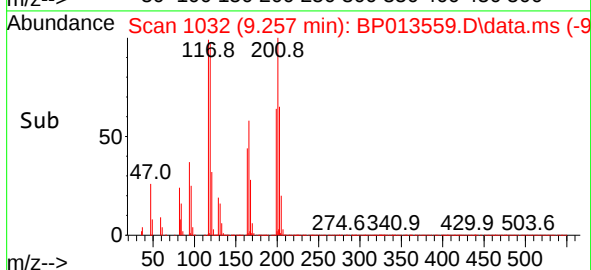
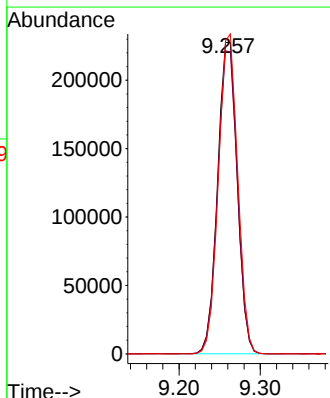
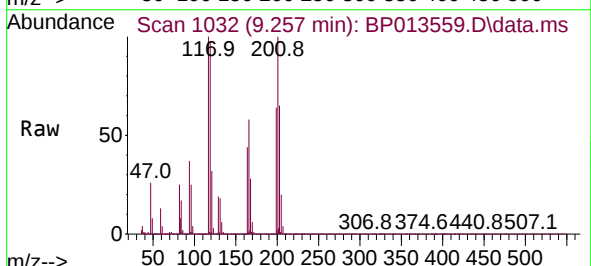
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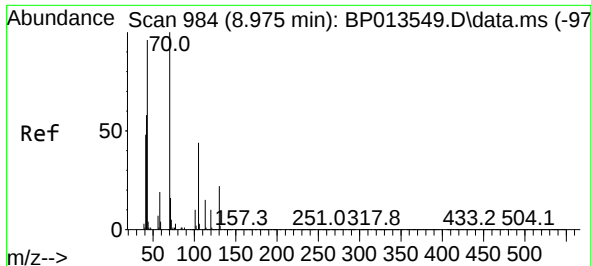
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#18
Hexachloroethane
Concen: 52.081 ng
RT: 9.257 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:117 Resp: 383491
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6
201 100.5 80.6 120.8





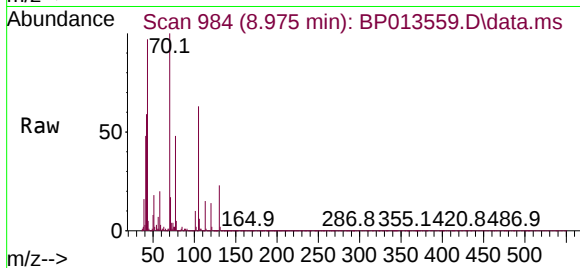
#19
n-Nitroso-di-n-propylamine
Concen: 43.501 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

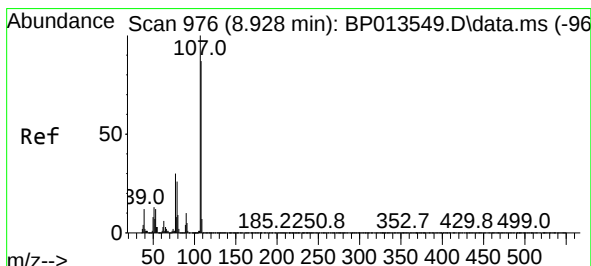
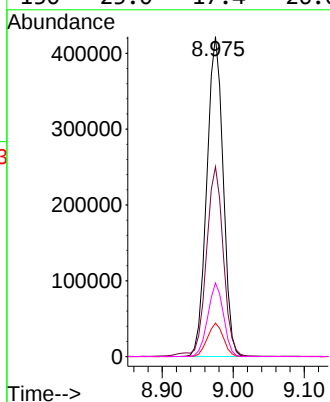
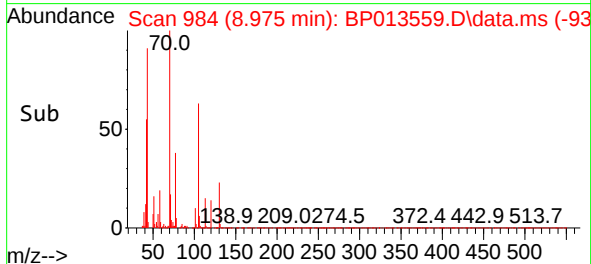
PB150338BS



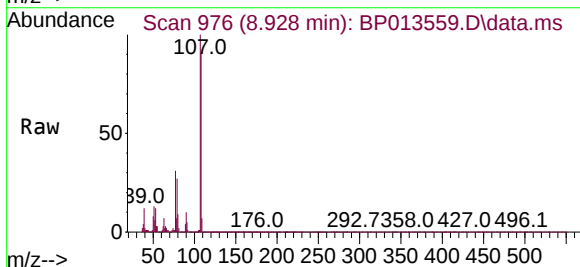
Tgt Ion: 70 Resp: 671388
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 10.5 8.0 12.0
130 23.0 17.4 26.0

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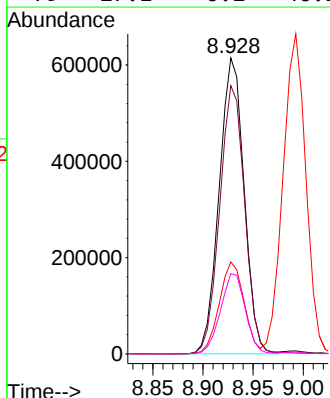
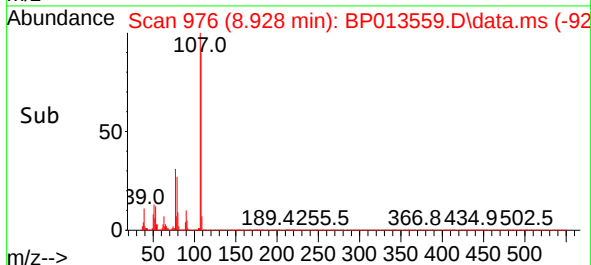
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

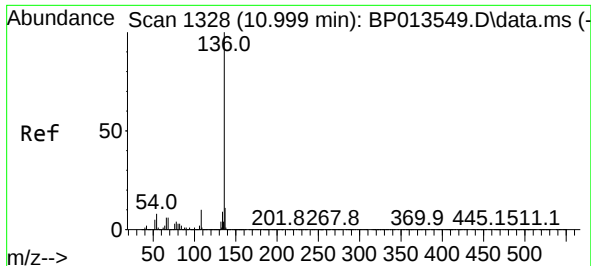


#20
3+4-Methylphenols
Concen: 44.843 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



Tgt Ion:107 Resp: 1064204
Ion Ratio Lower Upper
107 100
108 90.6 67.5 107.5
77 31.0 10.5 50.5
79 27.1 6.2 46.2





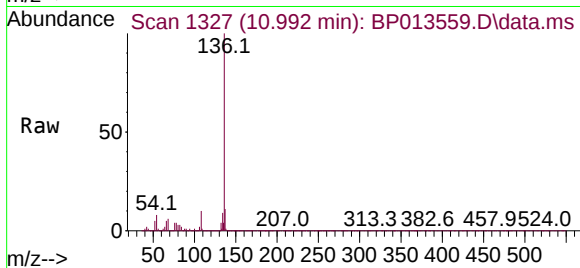
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.992 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

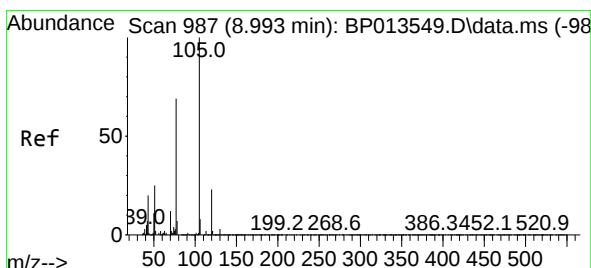
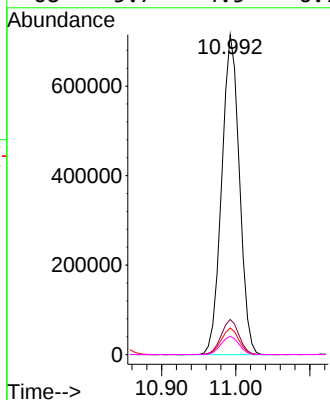
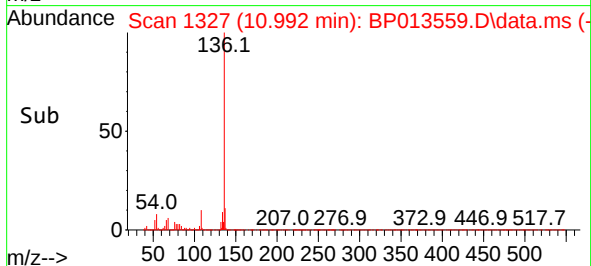


Tgt Ion:136 Resp: 118287
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 6.6 9.8
68 5.7 4.5 6.7

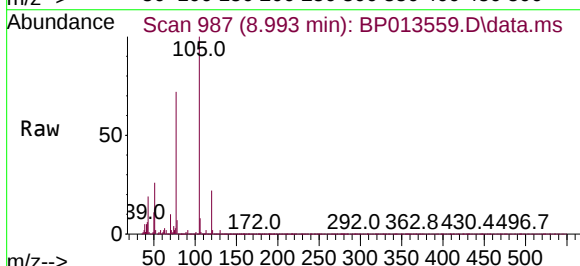
Manual Integrations

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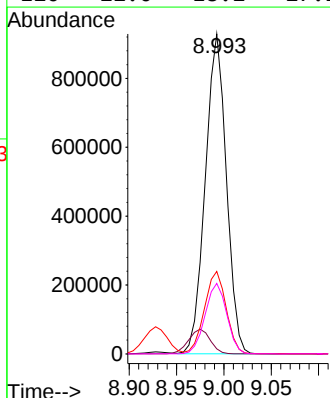
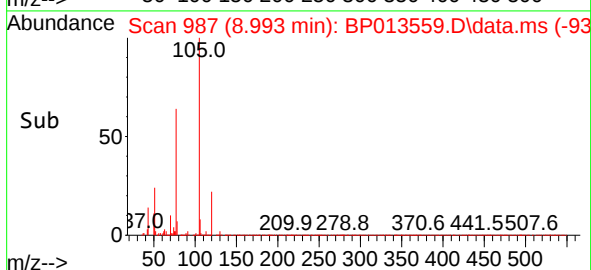
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

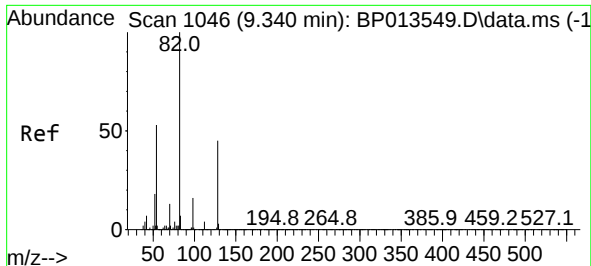


#22
Acetophenone
Concen: 47.379 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



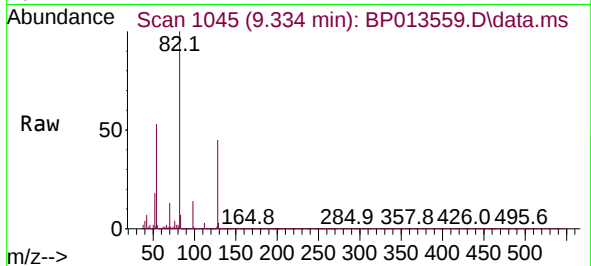
Tgt Ion:105 Resp: 1437726
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.8#
51 25.8 21.1 31.7
120 22.0 18.2 27.2





#23
Nitrobenzene-d5
Concen: 103.947 ng
RT: 9.334 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

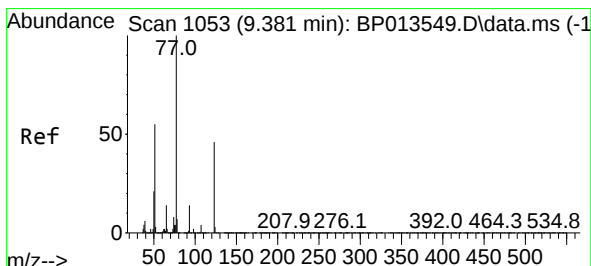
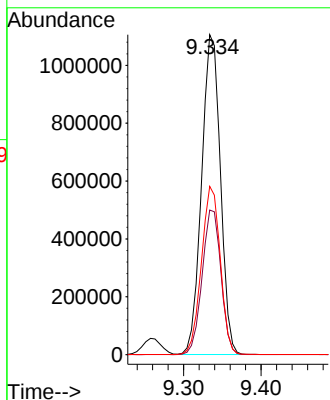
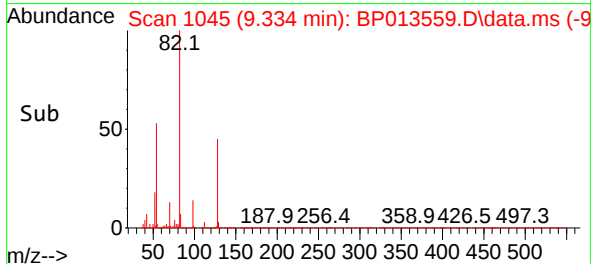
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion: 82 Resp: 1862510
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 52.6 42.6 64.0

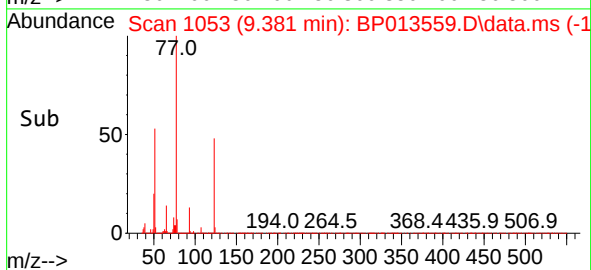
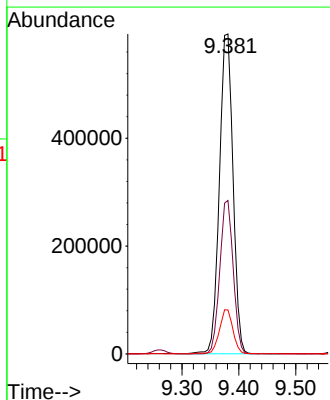
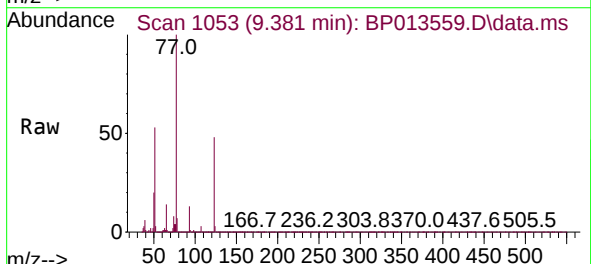
Manual Integrations
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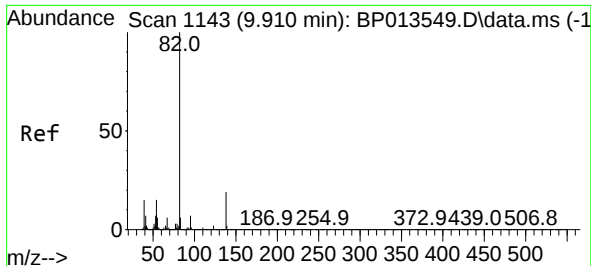
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#24
Nitrobenzene
Concen: 50.944 ng
RT: 9.381 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

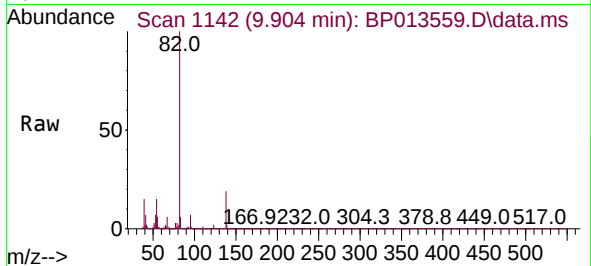
Tgt Ion: 77 Resp: 981448
Ion Ratio Lower Upper
77 100
123 47.9 37.2 55.8
65 13.7 11.1 16.7





#25
Isophorone
Concen: 43.207 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

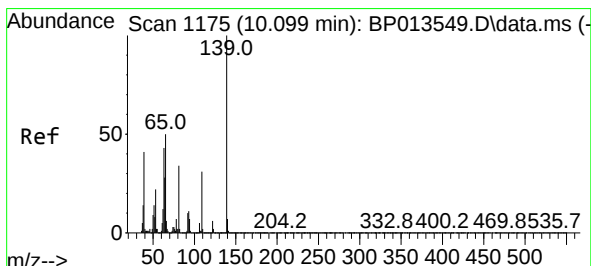
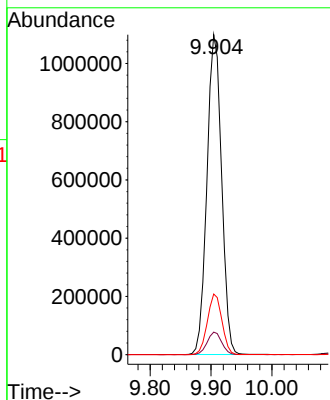
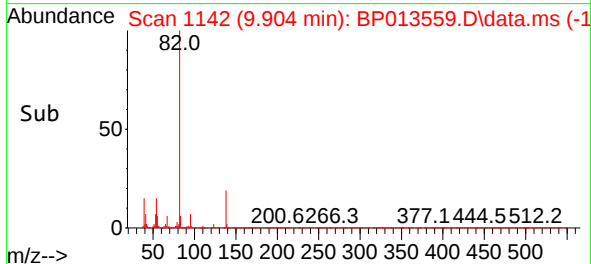
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion: 82 Resp: 1836279
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.9 15.1 22.7

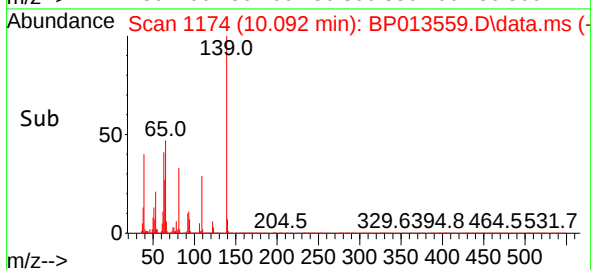
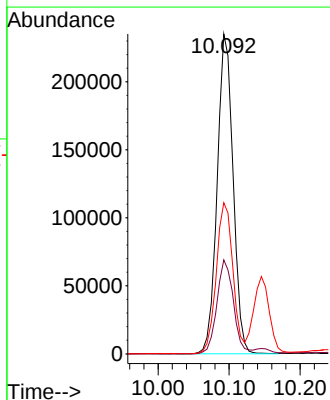
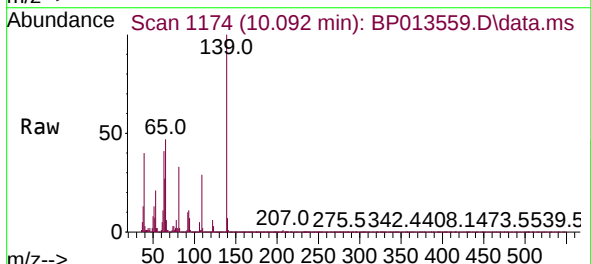
Manual Integrations
APPROVED

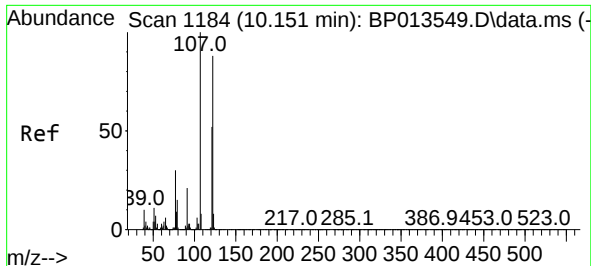
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#26
2-Nitrophenol
Concen: 51.282 ng
RT: 10.092 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

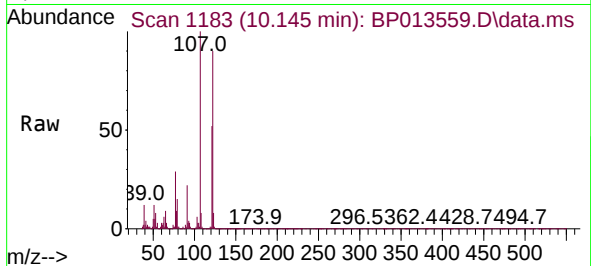
Tgt Ion:139 Resp: 367198
Ion Ratio Lower Upper
139 100
109 29.4 25.1 37.7
65 47.2 40.1 60.1





#27
2,4-Dimethylphenol
Concen: 49.559 ng
RT: 10.145 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

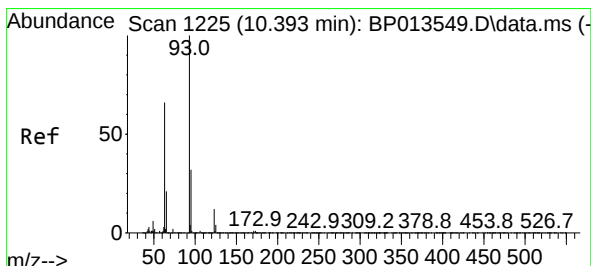
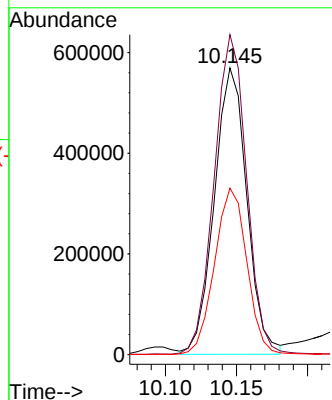
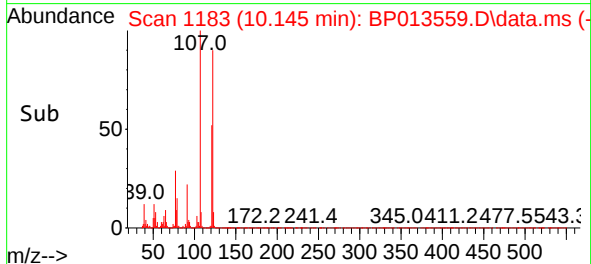
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:122 Resp: 909210
Ion Ratio Lower Upper
122 100
107 111.7 90.7 136.1
121 58.1 47.0 70.4

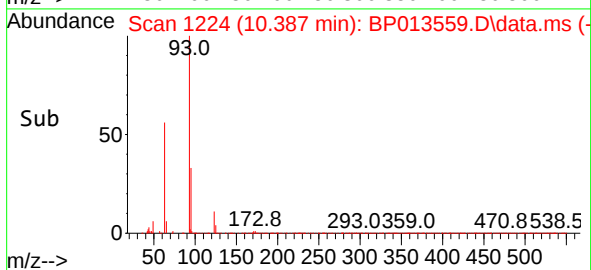
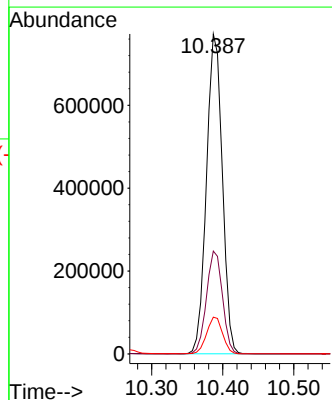
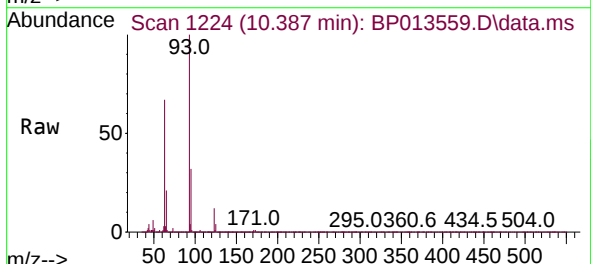
Manual Integrations
APPROVED

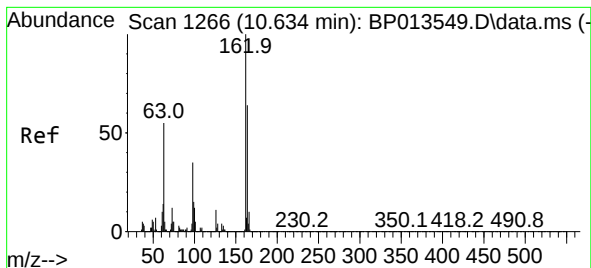
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.493 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

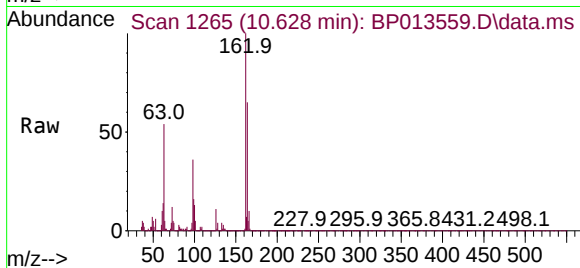
Tgt Ion: 93 Resp: 1190757
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.5 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 50.738 ng
RT: 10.628 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

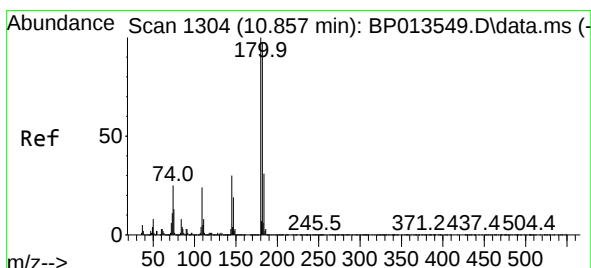
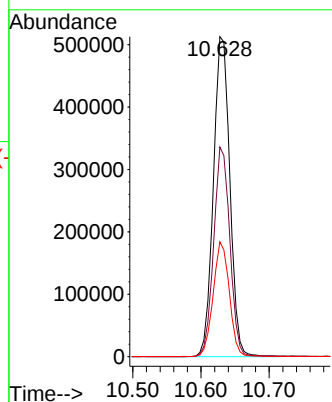
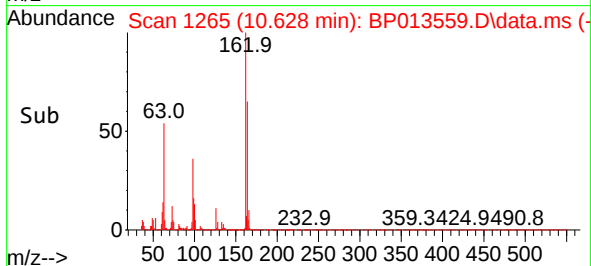
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:162 Resp: 856217
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 35.9 15.3 55.3

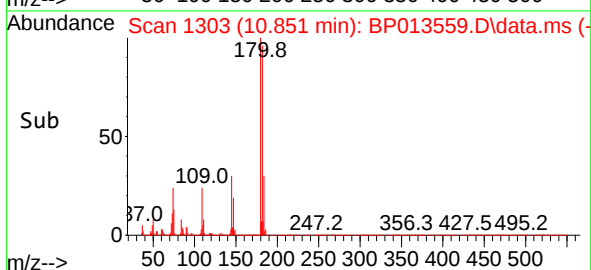
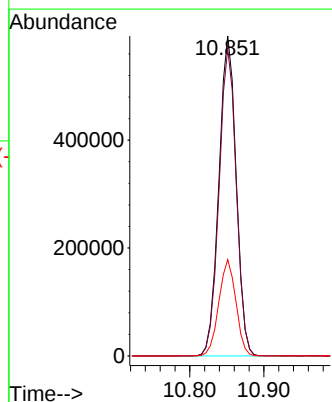
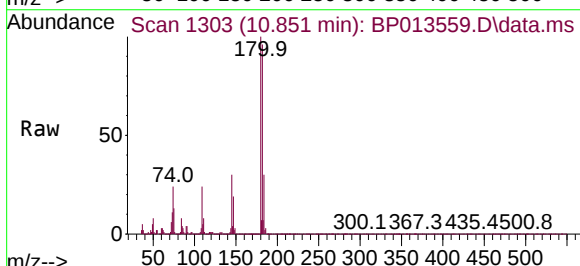
Manual Integrations
APPROVED

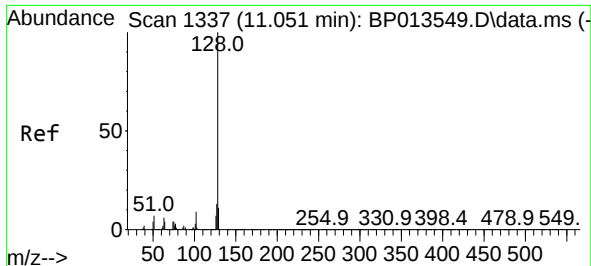
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 49.832 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:180 Resp: 959674
Ion Ratio Lower Upper
180 100
182 95.9 77.9 116.9
145 30.1 24.0 36.0





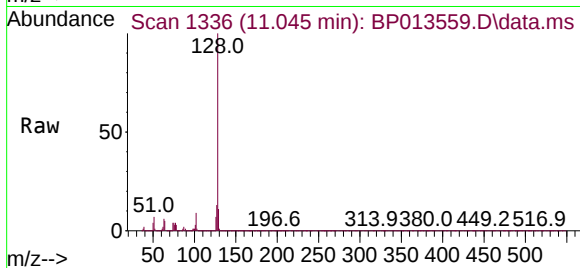
#31
Naphthalene
Concen: 46.798 ng
RT: 11.045 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

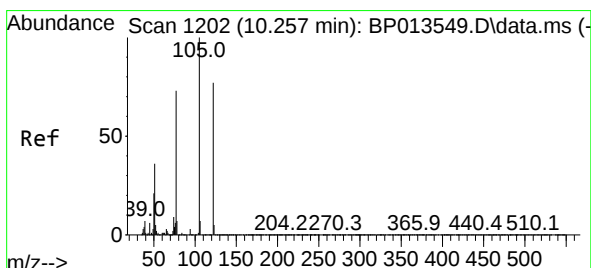
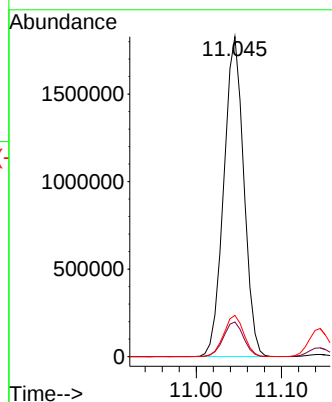
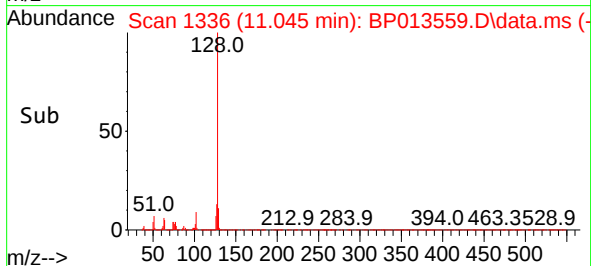


Tgt Ion:128 Resp: 2976039
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.6 16.0

Manual Integrations

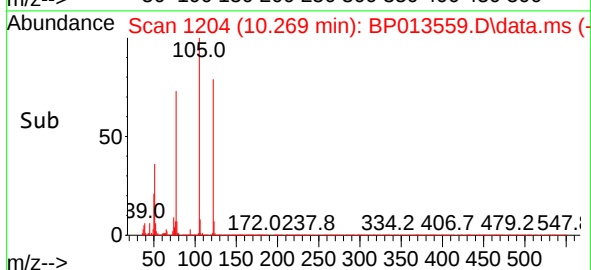
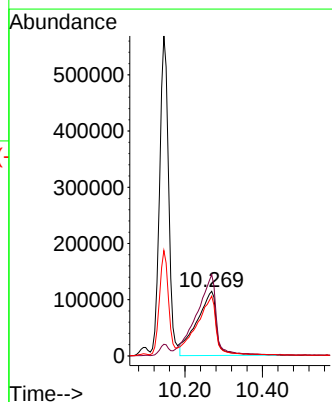
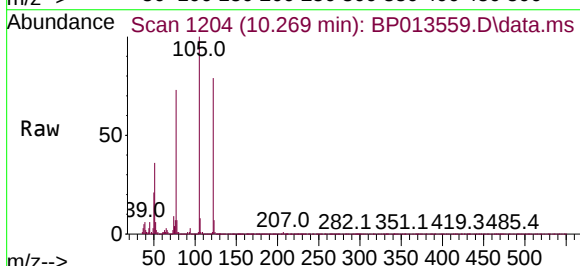
APPROVED

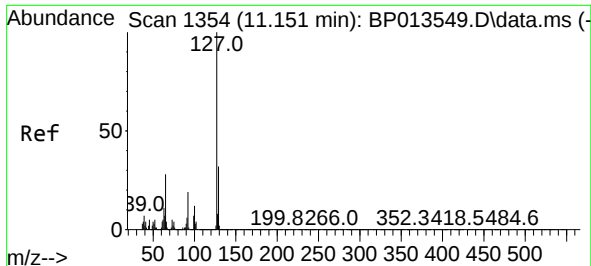
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 47.258 ng
RT: 10.269 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:122 Resp: 410423
Ion Ratio Lower Upper
122 100
105 125.9 100.5 140.5
77 92.5 70.9 110.9





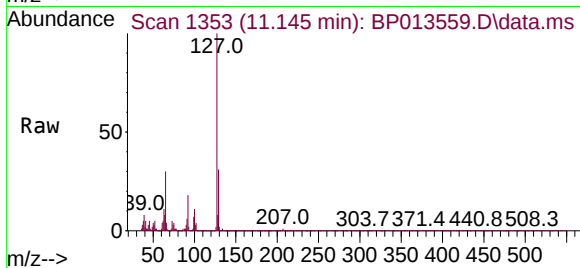
#33
4-Chloroaniline
Concen: 10.128 ng
RT: 11.145 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

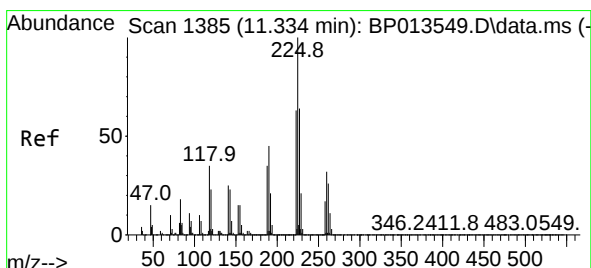
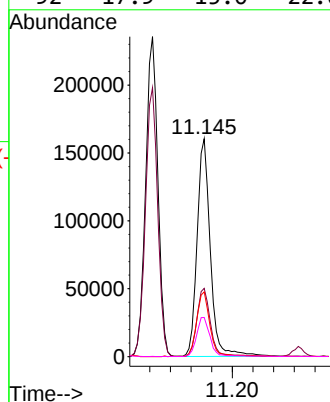
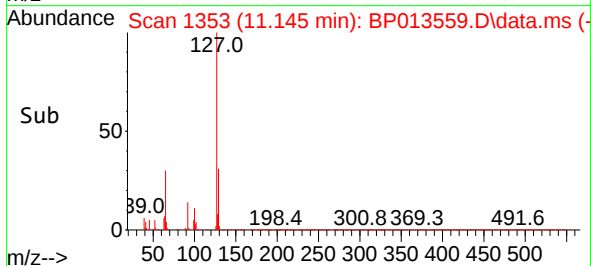


Tgt Ion:127 Resp: 284998
Ion Ratio Lower Upper
127 100
129 31.3 25.7 38.5
65 29.7 22.7 34.1
92 17.9 15.0 22.6

Manual Integrations

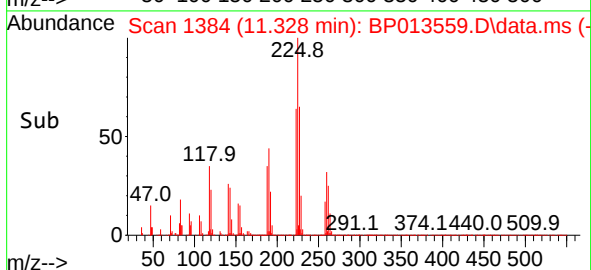
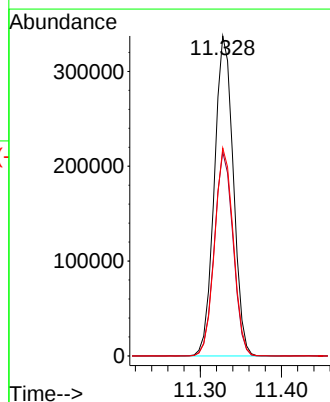
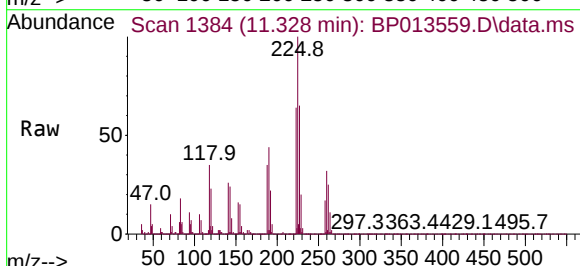
APPROVED

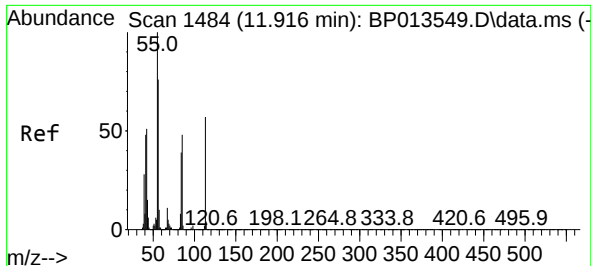
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 48.731 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

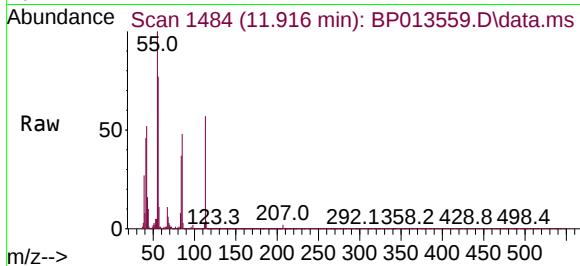
Tgt Ion:225 Resp: 546134
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.2
227 65.0 51.4 77.2





#35
Caprolactam
Concen: 45.244 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

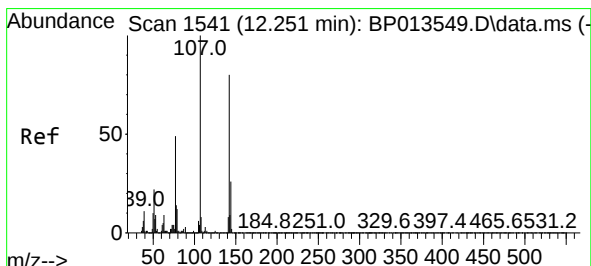
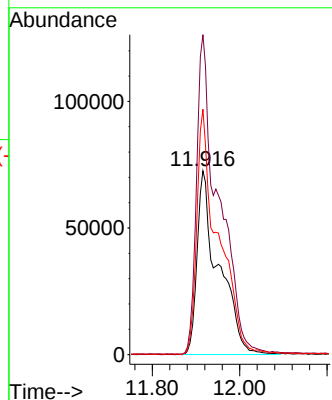
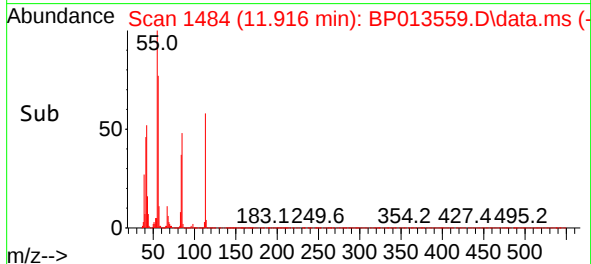
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:113 Resp: 247531
Ion Ratio Lower Upper
113 100
55 174.2 156.5 196.5
56 133.6 113.5 153.5

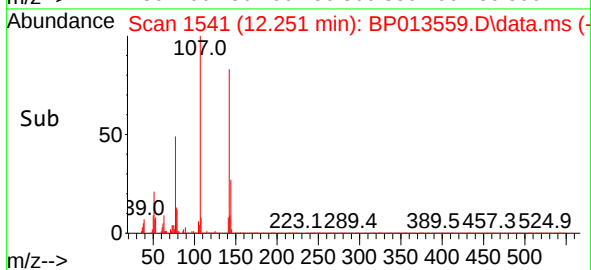
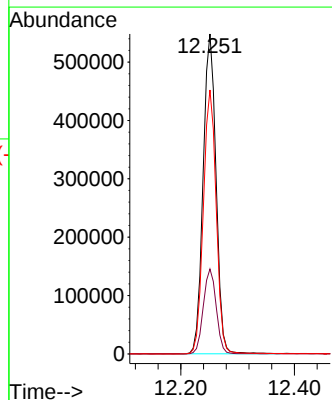
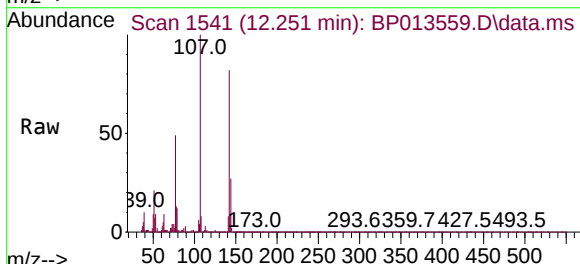
Manual Integrations
APPROVED

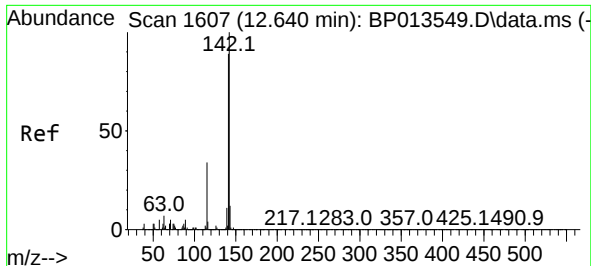
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 46.972 ng
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

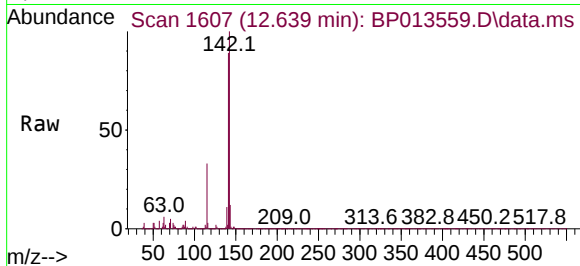
Tgt Ion:107 Resp: 863266
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 82.5 64.0 96.0





#37
2-Methylnaphthalene
Concen: 44.274 ng
RT: 12.639 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

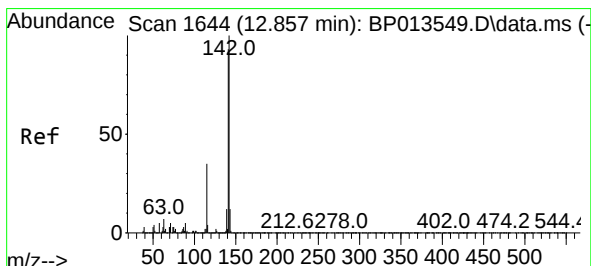
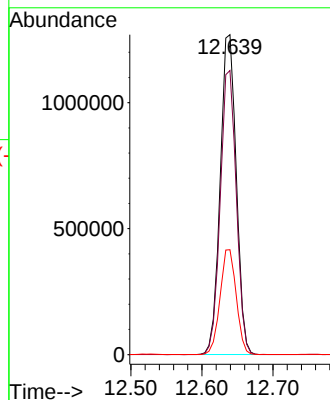
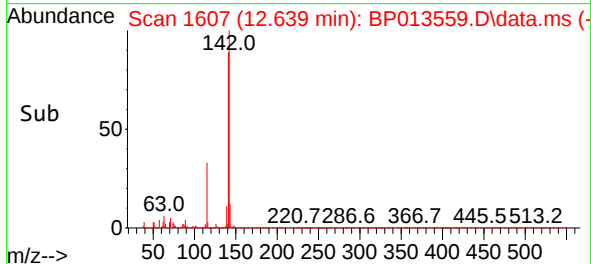
Instrument :
BNA_P
ClientSampleId :
PB150338BS



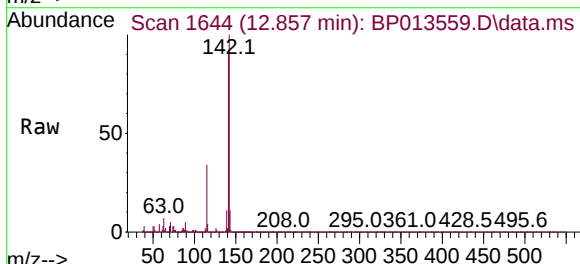
Tgt Ion:142 Resp: 2001284
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 32.8 27.4 41.2

Manual Integrations
APPROVED

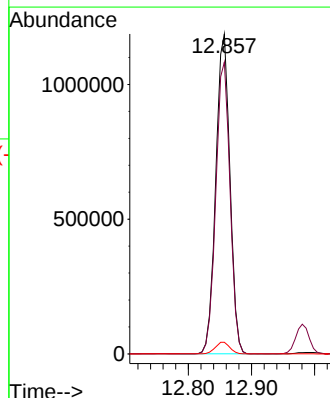
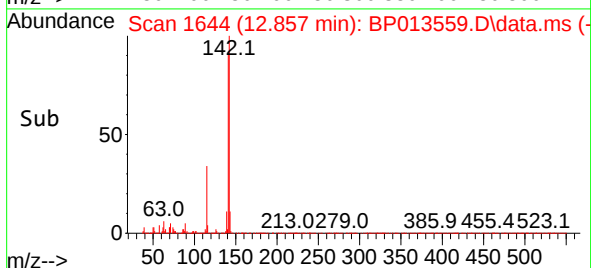
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

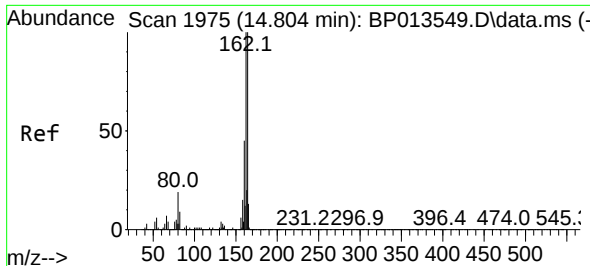


#38
1-Methylnaphthalene
Concen: 43.412 ng
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



Tgt Ion:142 Resp: 1843880
Ion Ratio Lower Upper
142 100
141 91.2 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: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

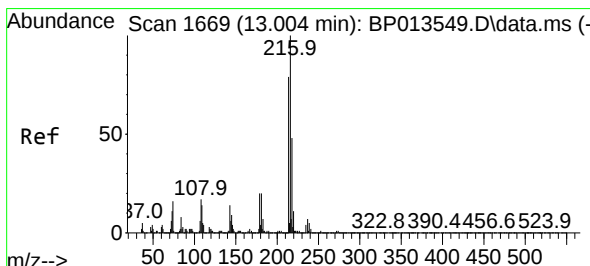
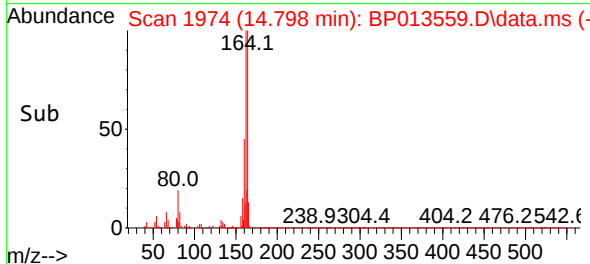
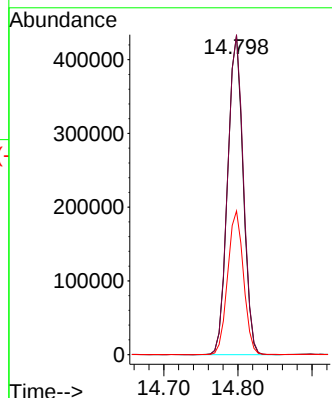
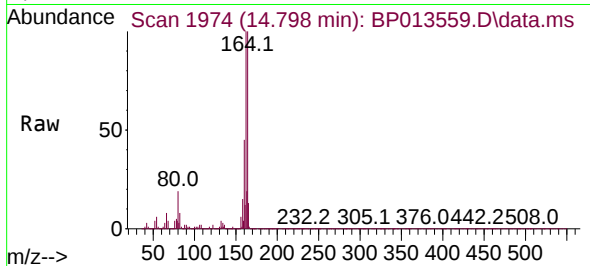
ClientSampleId :

PB150338BS

Tgt Ion:164 Resp: 628678
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 45.0 35.9 53.9

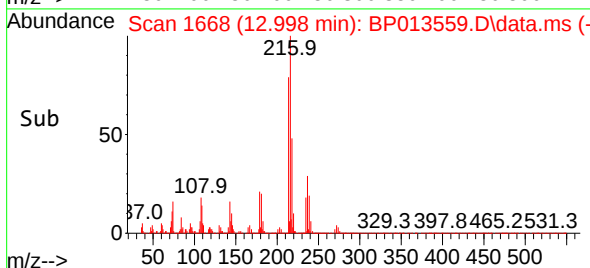
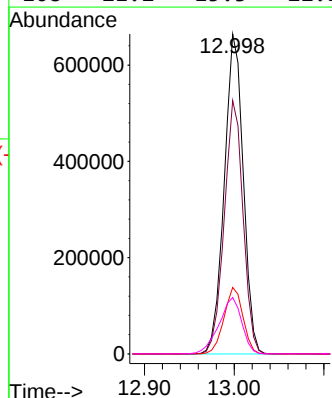
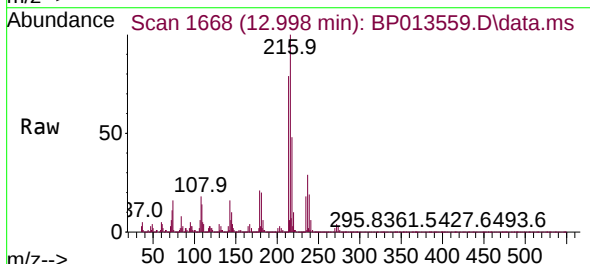
Manual Integrations
APPROVED

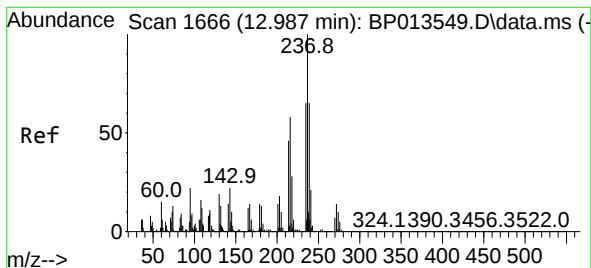
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.643 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

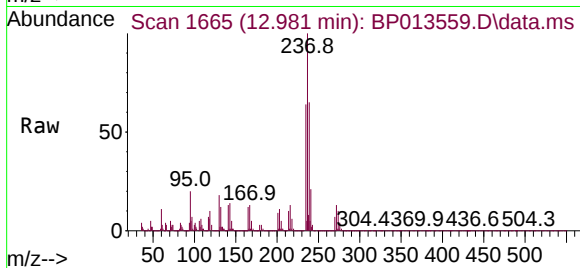
Tgt Ion:216 Resp: 980202
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.8 16.6 24.8
108 21.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 122.772 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

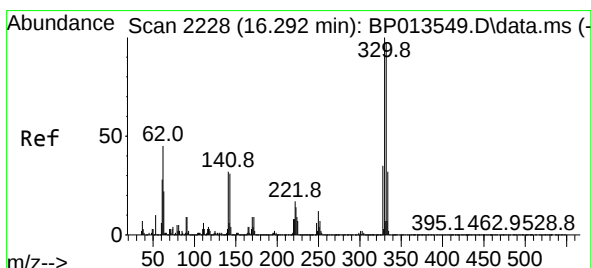
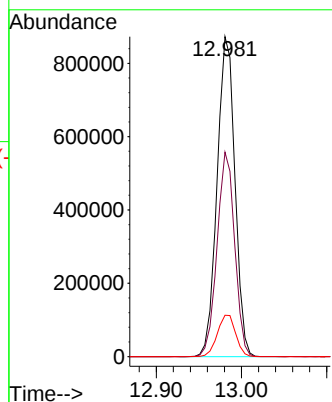
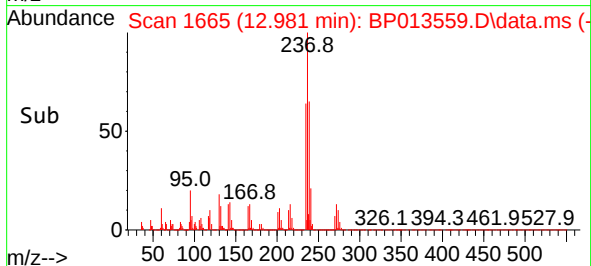
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:237 Resp: 1269808
Ion Ratio Lower Upper
237 100
235 63.9 44.6 84.6
272 12.9 0.0 33.9

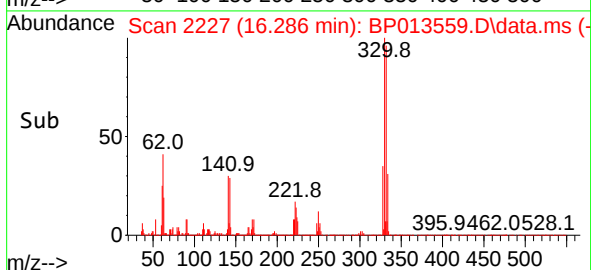
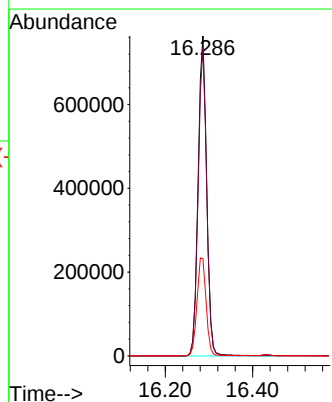
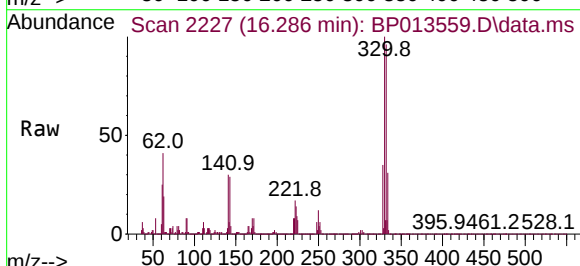
Manual Integrations
APPROVED

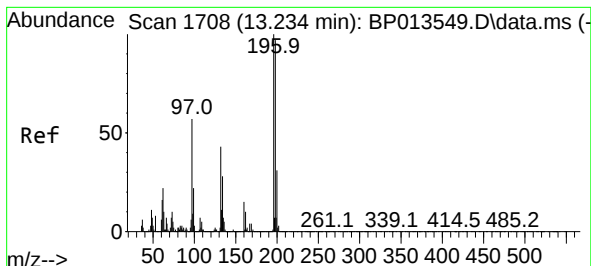
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#42
2,4,6-Tribromophenol
Concen: 164.683 ng
RT: 16.286 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:330 Resp: 1038477
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.8 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 53.485 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.001 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:196 Resp: 60587

Ion Ratio Lower Upper

196 100

198 95.3 77.3 115.9

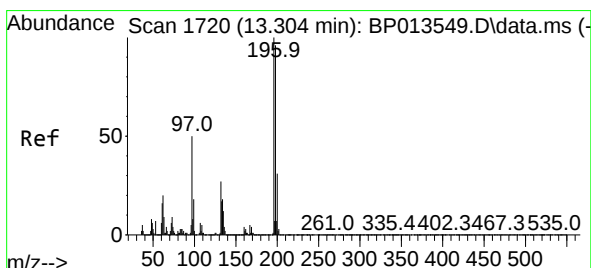
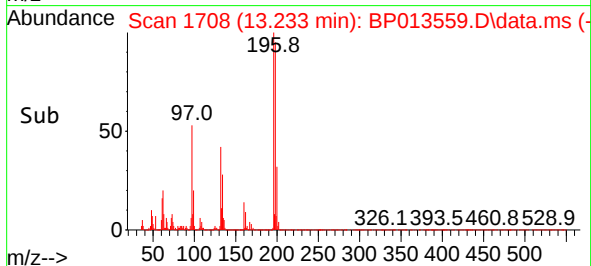
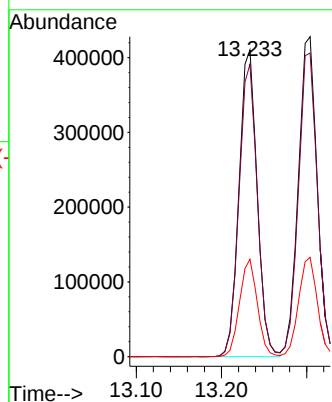
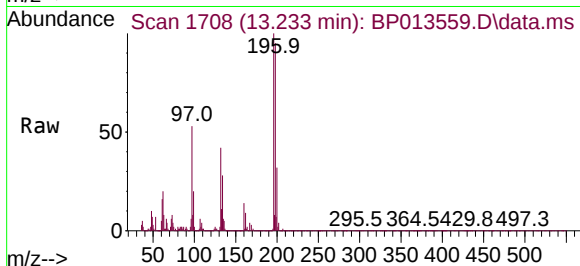
200 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#44

2,4,5-Trichlorophenol

Concen: 49.275 ng

RT: 13.304 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Tgt Ion:196 Resp: 659587

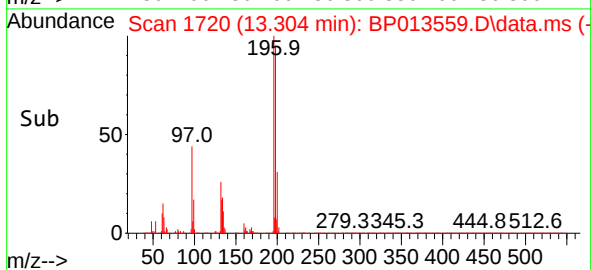
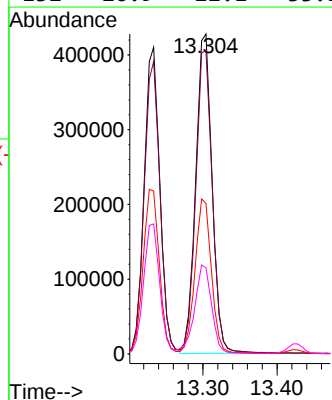
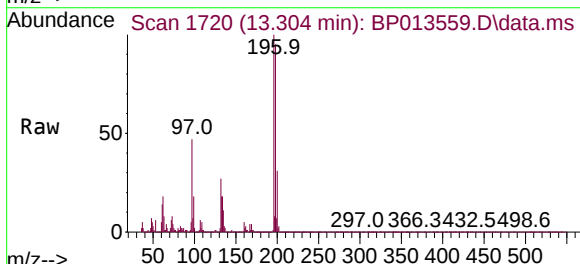
Ion Ratio Lower Upper

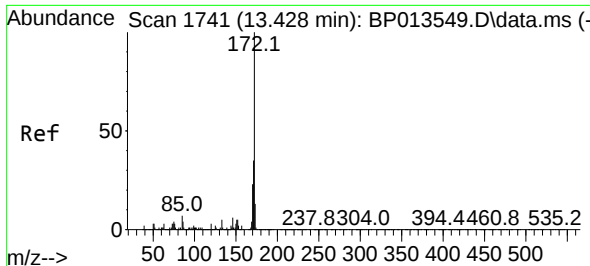
196 100

198 94.9 76.7 115.1

97 47.0 40.0 60.0

132 26.9 22.1 33.1





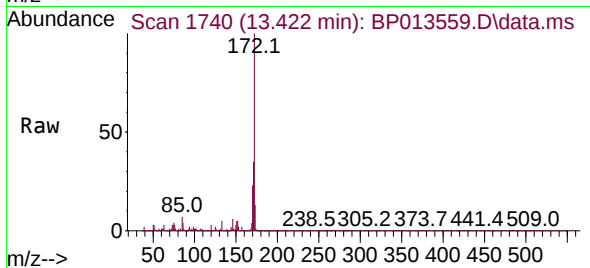
#45
2-Fluorobiphenyl
Concen: 96.308 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

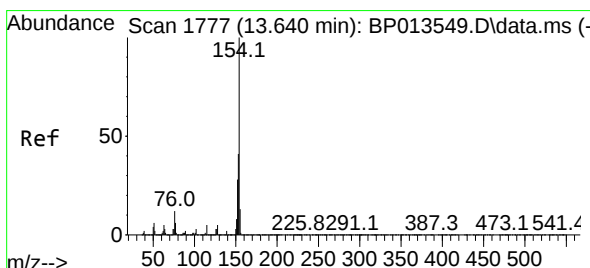
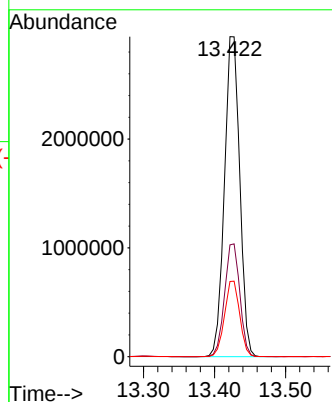
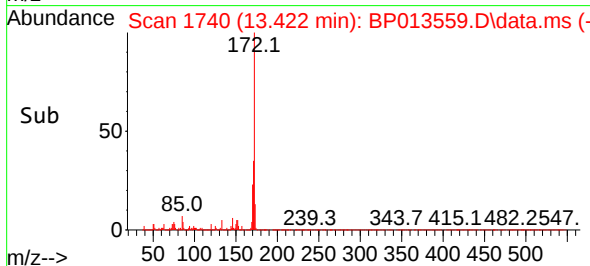


Tgt Ion:172 Resp: 4410931
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 18.6 27.8

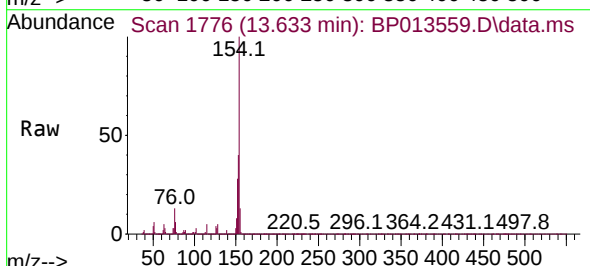
Manual Integrations

APPROVED

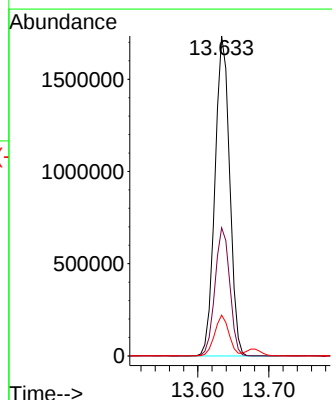
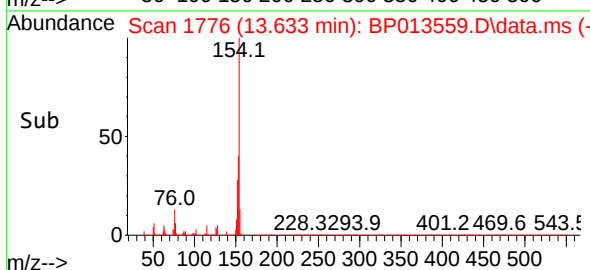
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

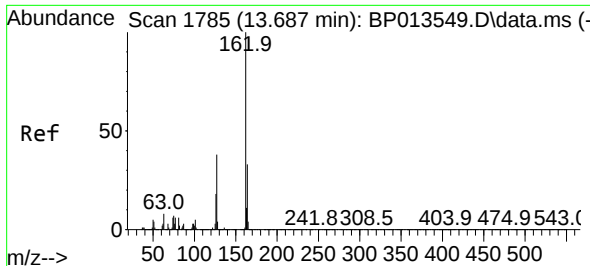


#46
1,1'-Biphenyl
Concen: 49.495 ng
RT: 13.633 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



Tgt Ion:154 Resp: 2498967
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.7 0.0 32.1





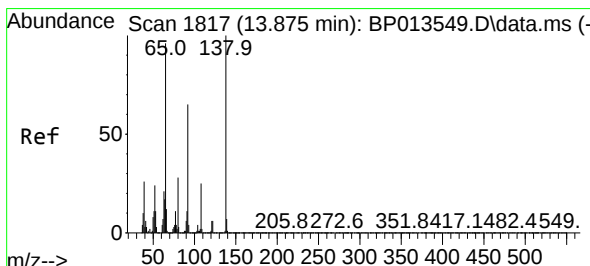
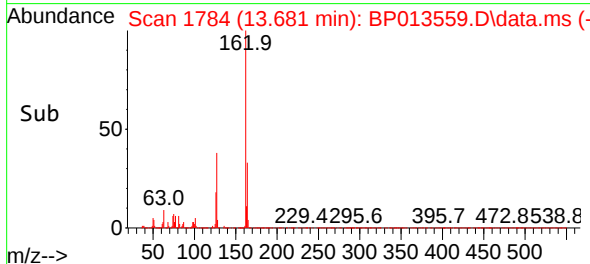
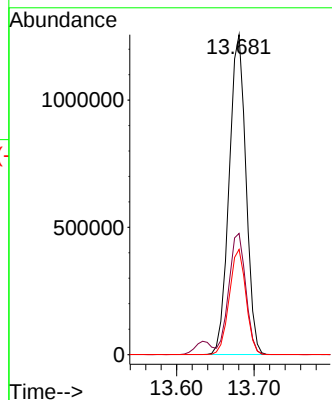
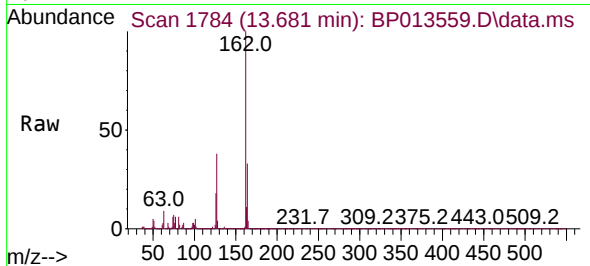
#47
2-Chloronaphthalene
Concen: 50.174 ng
RT: 13.681 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :
BNA_P
ClientSampleId :
PB150338BS

Tgt Ion:162 Resp: 1897852
Ion Ratio Lower Upper
162 100
127 37.9 30.8 46.2
164 32.9 26.2 39.2

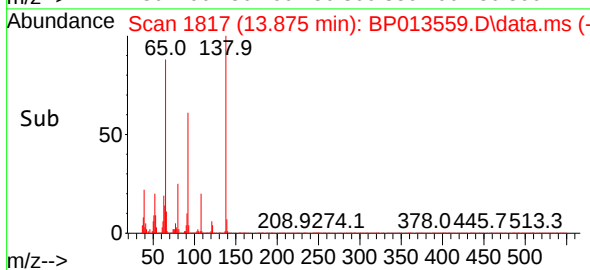
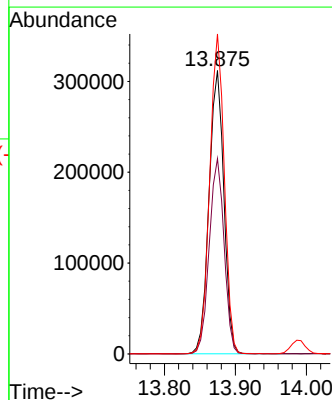
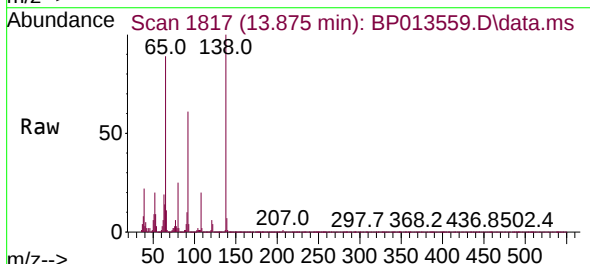
Manual Integrations
APPROVED

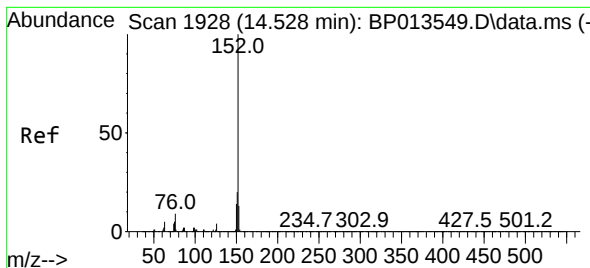
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#48
2-Nitroaniline
Concen: 47.883 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 65 Resp: 452763
Ion Ratio Lower Upper
65 100
92 69.0 54.1 81.1
138 113.0 83.6 125.4





#49

Acenaphthylene

Concen: 47.689 ng

RT: 14.522 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:152 Resp: 2950004

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

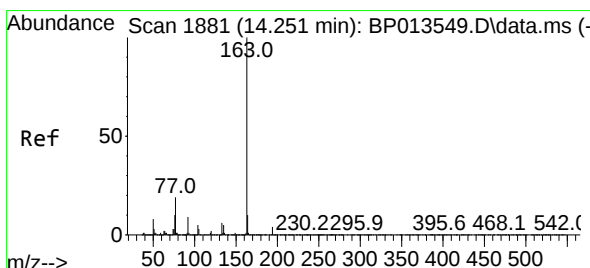
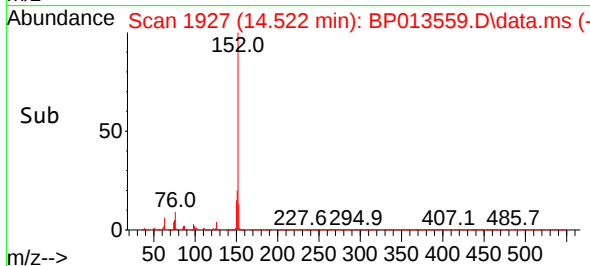
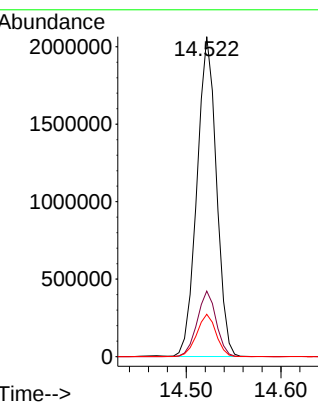
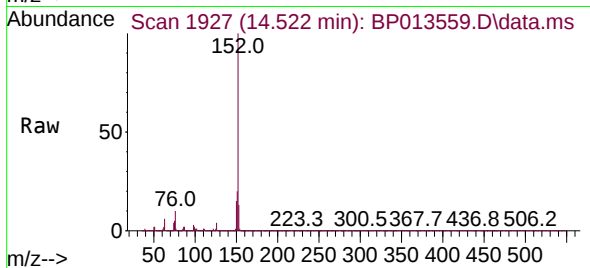
153 13.2 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#50

Dimethylphthalate

Concen: 46.922 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

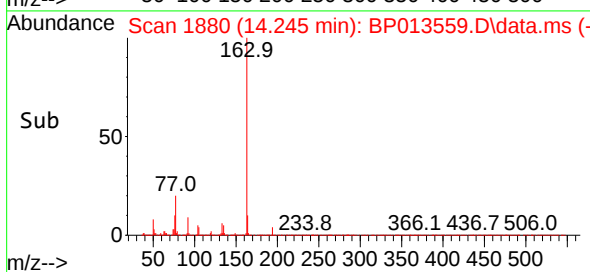
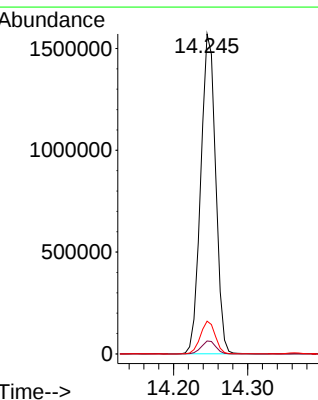
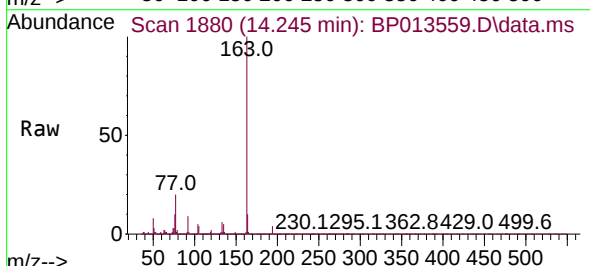
Tgt Ion:163 Resp: 2192779

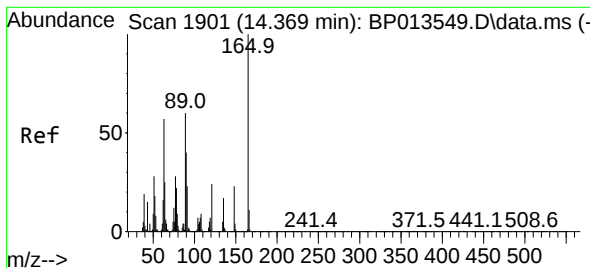
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

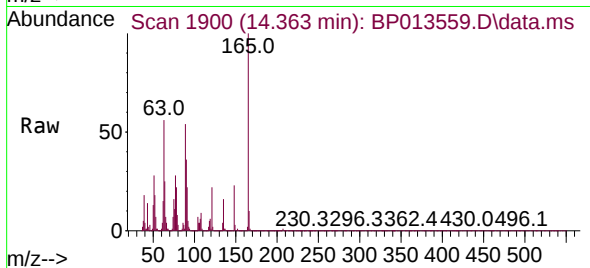
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.295 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

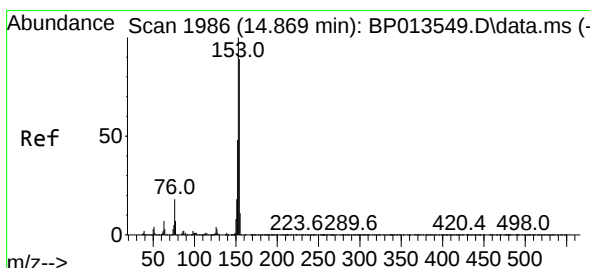
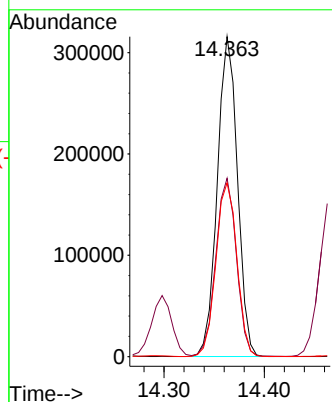
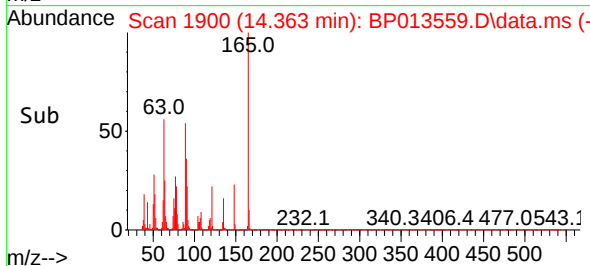
Instrument :
BNA_P
ClientSampleId :
PB150338BS



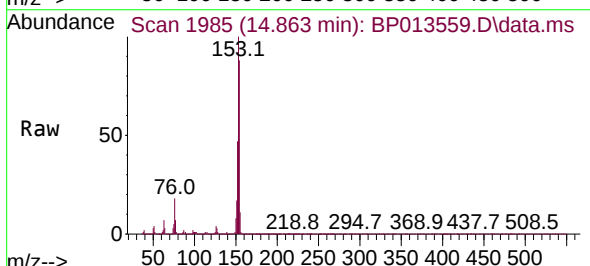
Tgt Ion:165 Resp: 441316
Ion Ratio Lower Upper
165 100
63 55.7 47.2 70.8
89 54.3 47.8 71.6

Manual Integrations
APPROVED

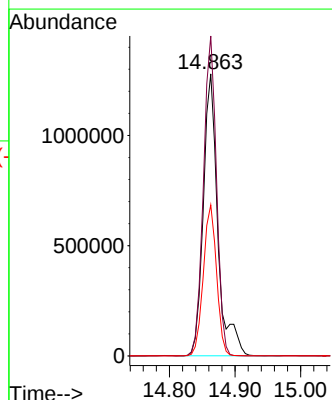
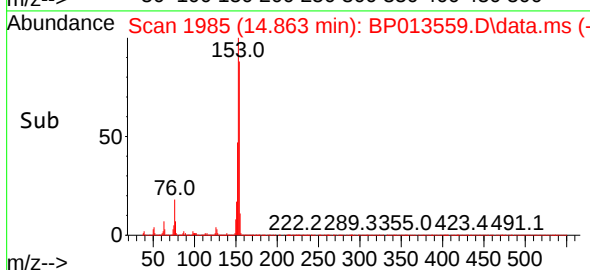
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

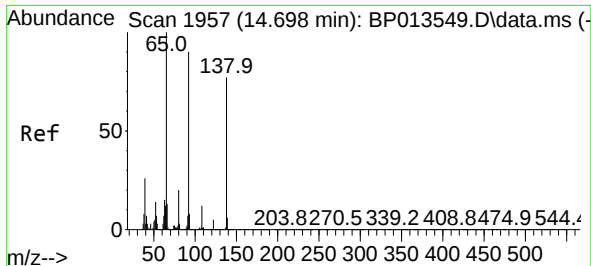


#52
Acenaphthene
Concen: 51.315 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04



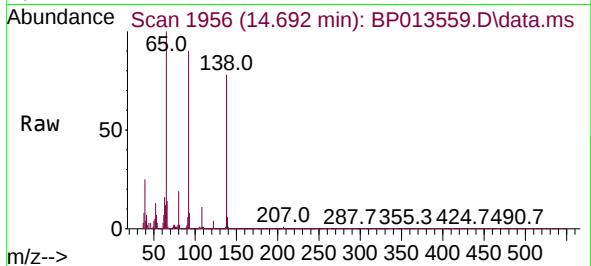
Tgt Ion:154 Resp: 1960806
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.0
152 53.5 42.7 64.1





#53
3-Nitroaniline
Concen: 29.080 ng
RT: 14.692 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

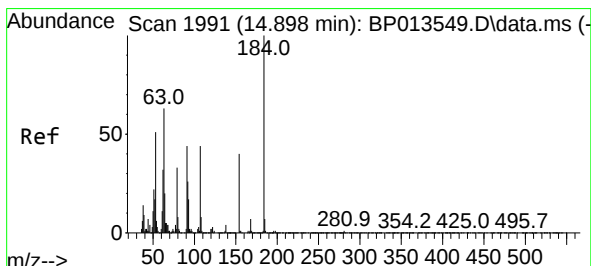
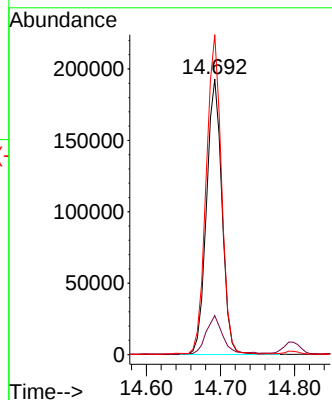
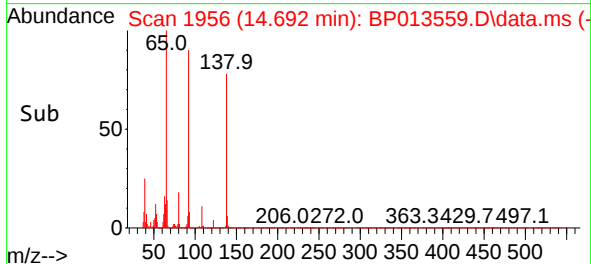
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:138 Resp: 278701
Ion Ratio Lower Upper
138 100
108 14.1 12.8 19.2
92 116.2 93.3 139.9

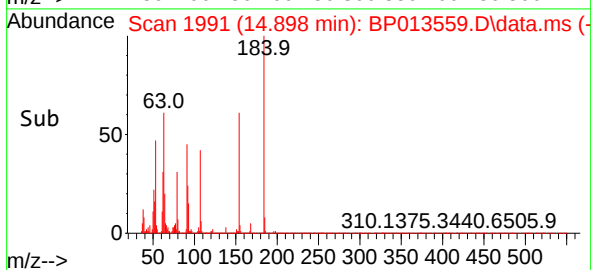
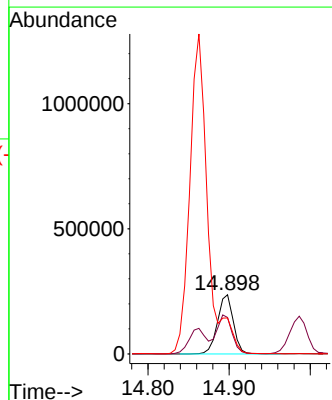
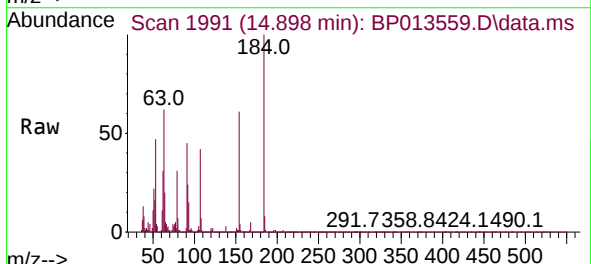
Manual Integrations
APPROVED

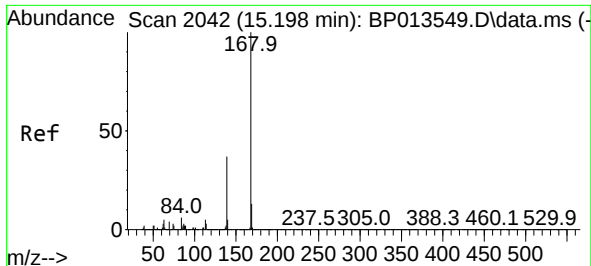
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#54
2,4-Dinitrophenol
Concen: 87.656 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

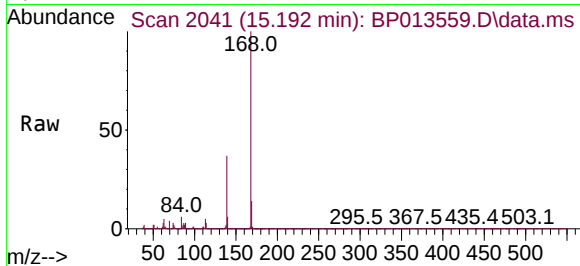
Tgt Ion:184 Resp: 317832
Ion Ratio Lower Upper
184 100
63 61.6 53.2 79.8
154 60.8 54.4 81.6





#55
Dibenzenofuran
Concen: 46.660 ng
RT: 15.192 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

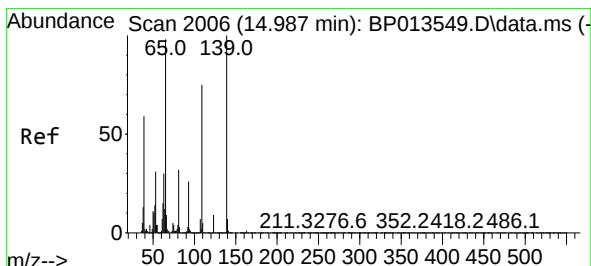
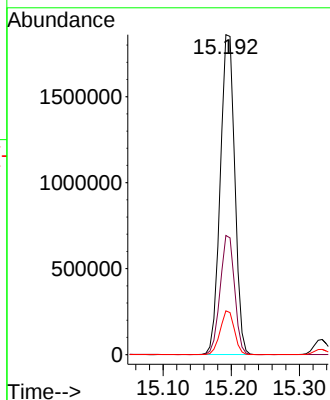
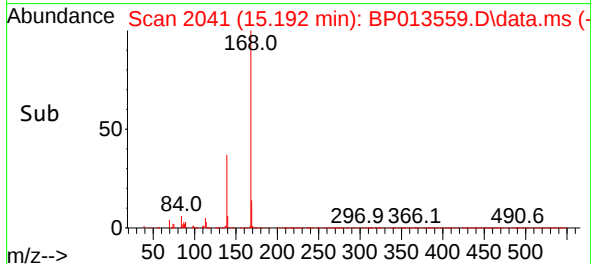
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:168 Resp: 273397
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9
169 13.7 10.7 16.1

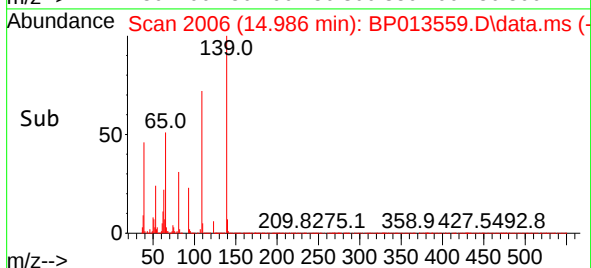
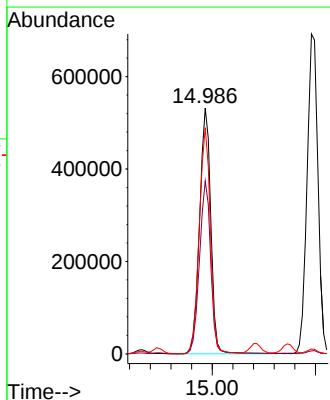
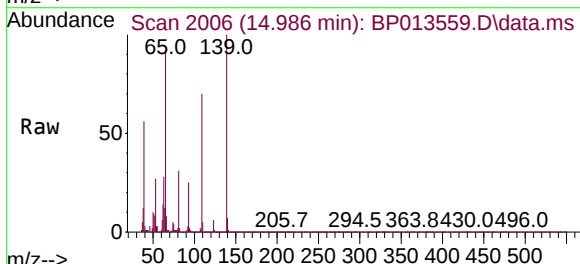
Manual Integrations
APPROVED

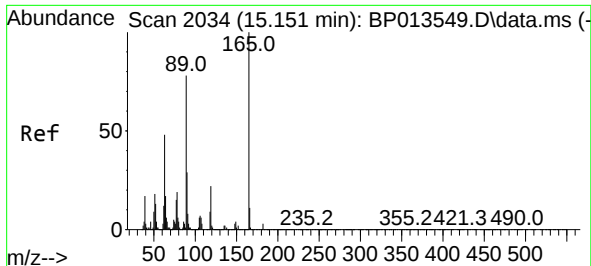
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 99.646 ng
RT: 14.986 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:139 Resp: 799567
Ion Ratio Lower Upper
139 100
109 70.4 55.0 95.0
65 92.0 77.7 117.7





#57
2,4-Dinitrotoluene
Concen: 52.421 ng
RT: 15.145 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

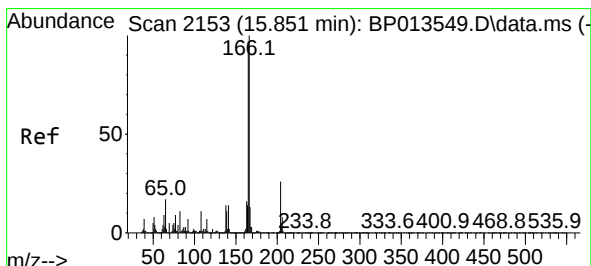
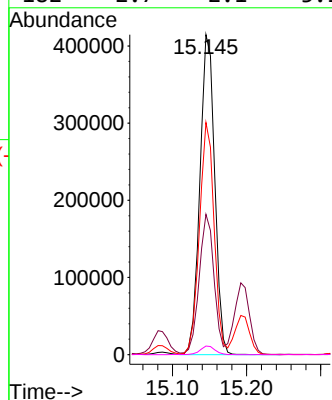
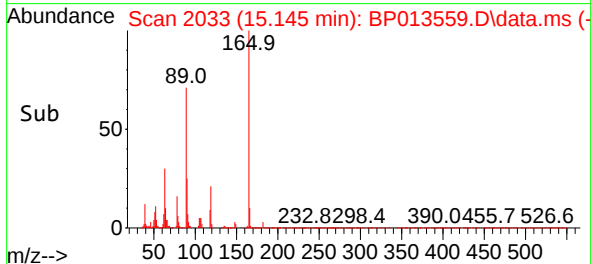
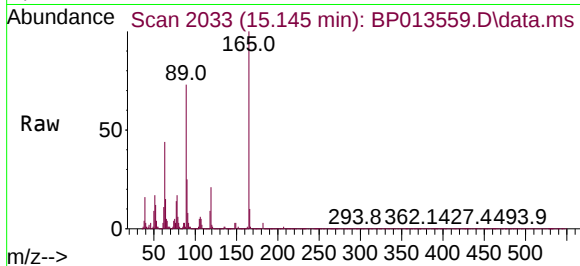
ClientSampleId :

PB150338BS

Tgt Ion:165 Resp: 573646
Ion Ratio Lower Upper
165 100
63 43.8 38.3 57.5
89 72.6 62.1 93.1
182 2.7 2.1 3.1

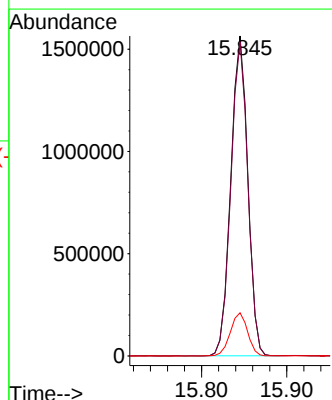
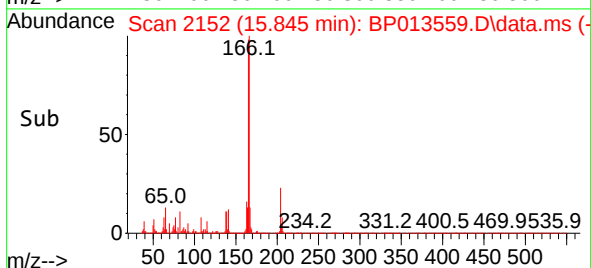
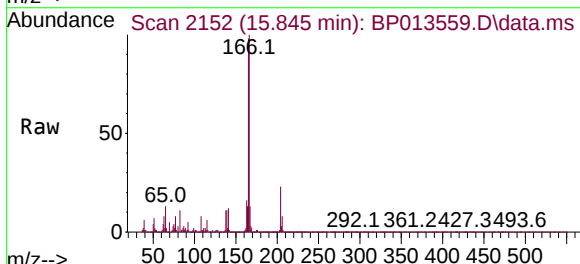
Manual Integrations
APPROVED

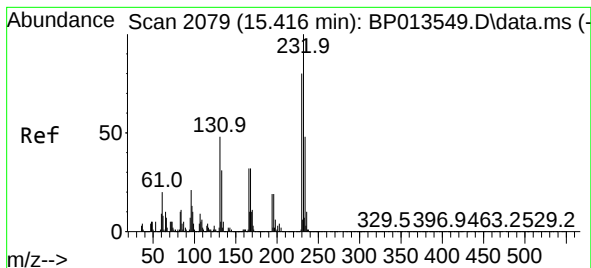
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 46.577 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:166 Resp: 2169142
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.490 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

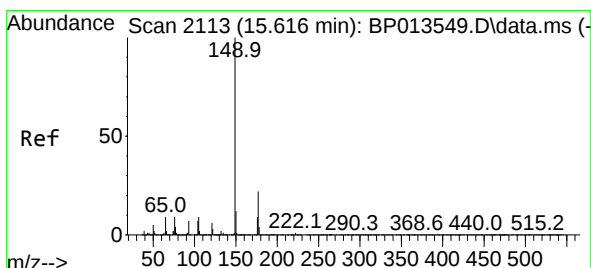
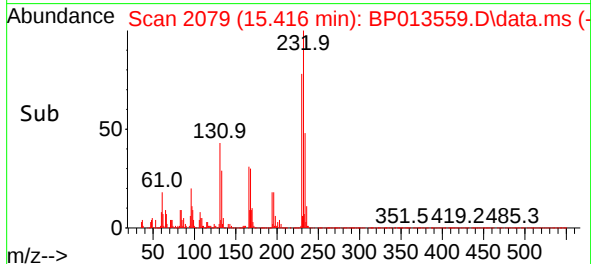
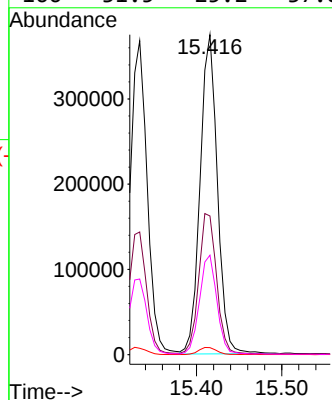
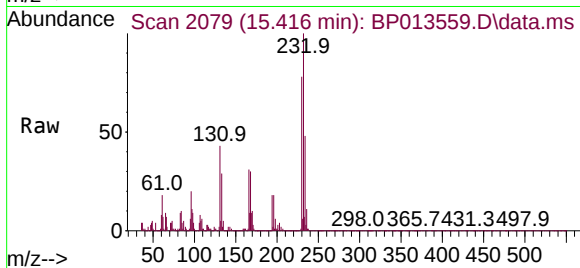
PB150338BS

Tgt Ion:232 Resp: 529231
Ion Ratio Lower Upper
232 100
131 45.4 37.1 55.7
130 2.3 1.9 2.9
166 31.5 25.2 37.8

Manual Integrations

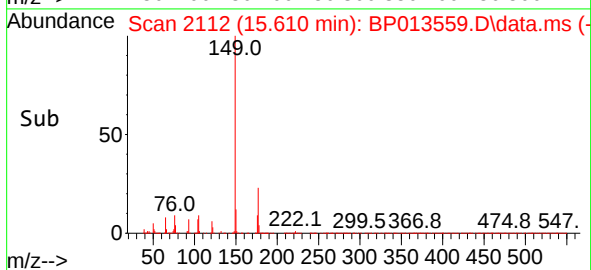
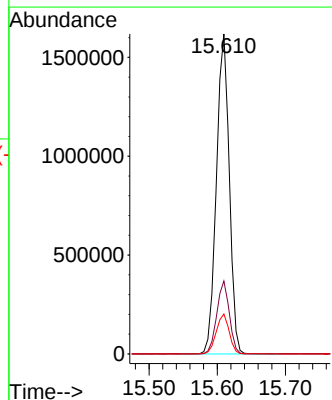
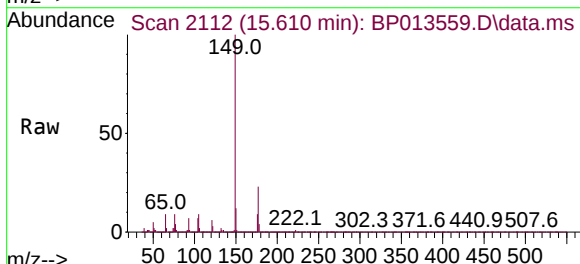
APPROVED

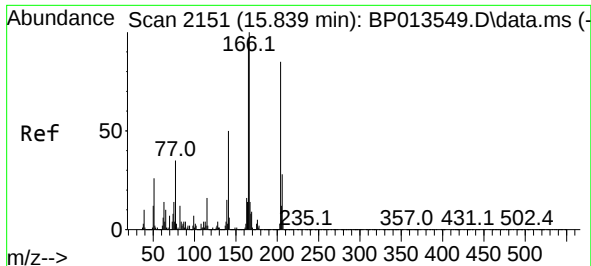
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#60
Diethylphthalate
Concen: 46.165 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

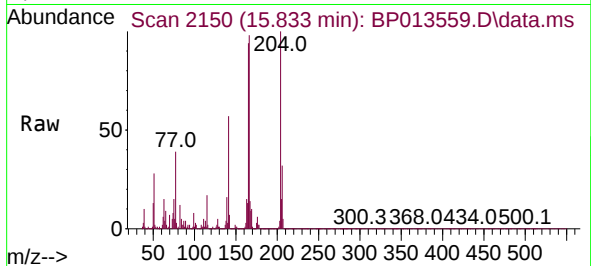
Tgt Ion:149 Resp: 2107153
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

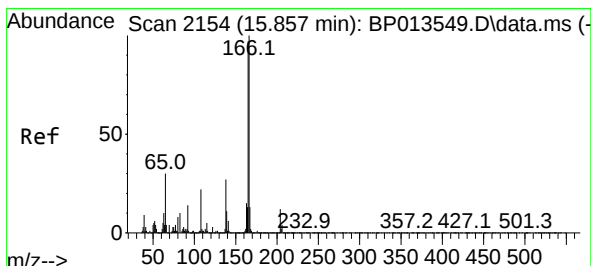
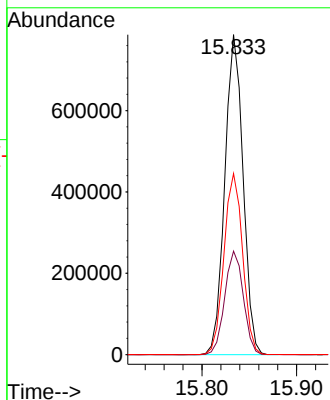
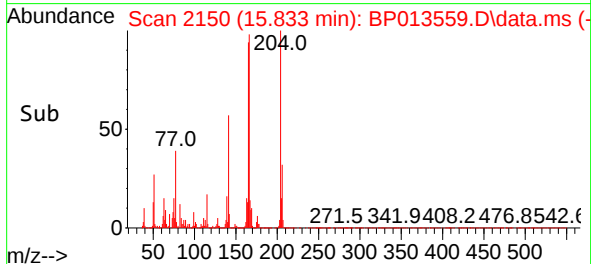
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:204 Resp: 105332
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 56.6 47.0 70.4

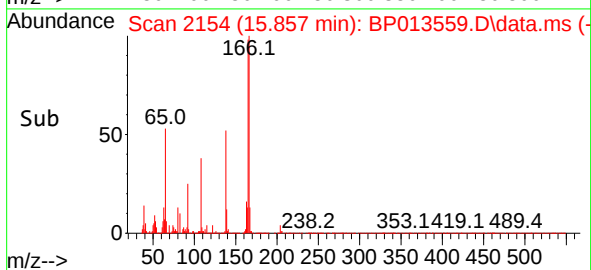
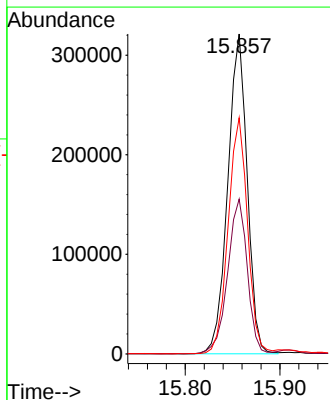
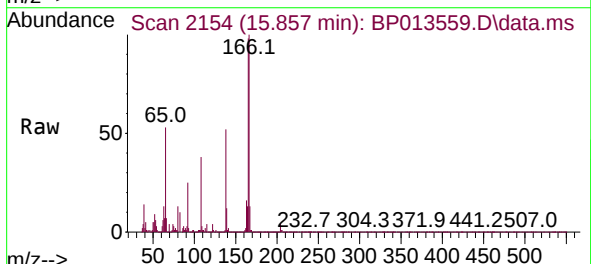
Manual Integrations
APPROVED

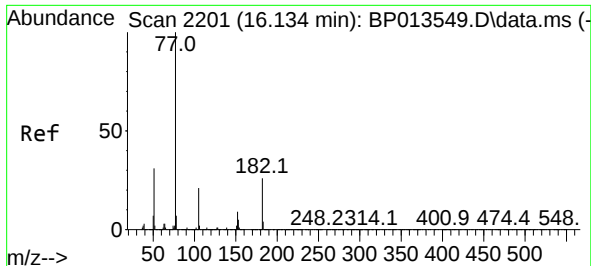
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#62
4-Nitroaniline
Concen: 46.046 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

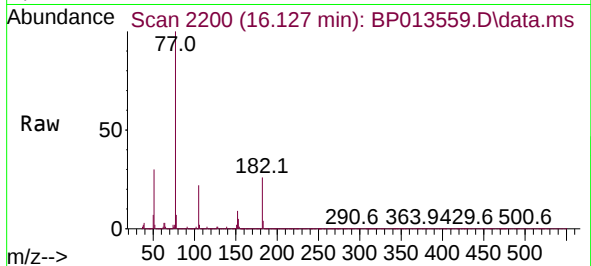
Tgt Ion:138 Resp: 458262
Ion Ratio Lower Upper
138 100
92 48.4 32.3 72.3
108 73.8 59.2 99.2





#63
Azobenzene
Concen: 45.670 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

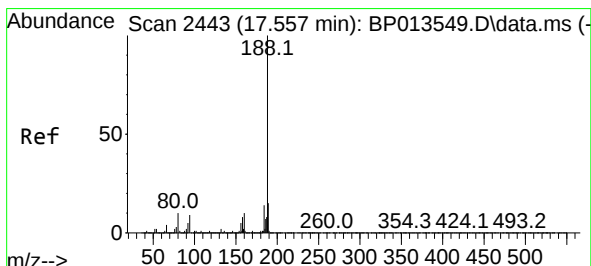
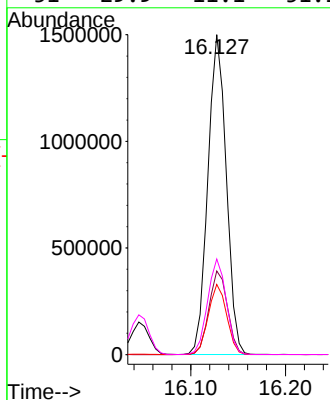
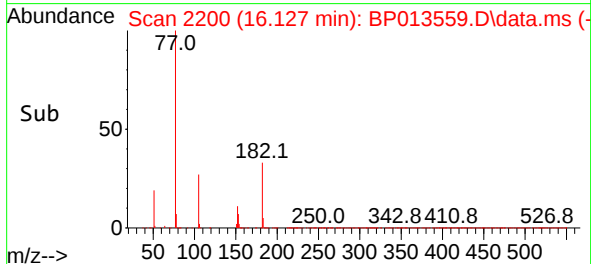
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion: 77 Resp: 2025582
Ion Ratio Lower Upper
77 100
182 26.2 5.5 45.5
105 21.9 1.4 41.4
51 29.9 11.1 51.1

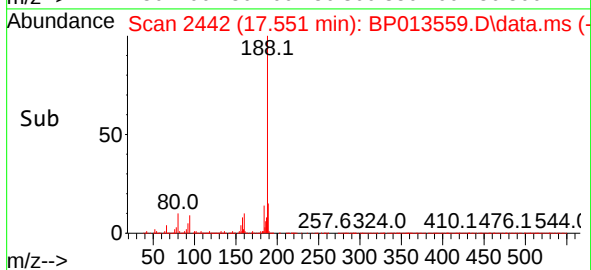
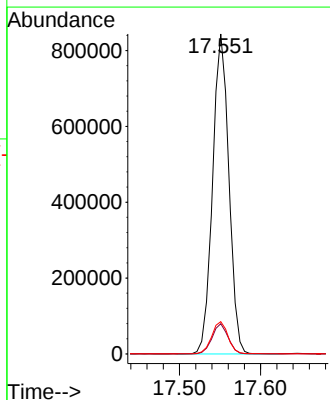
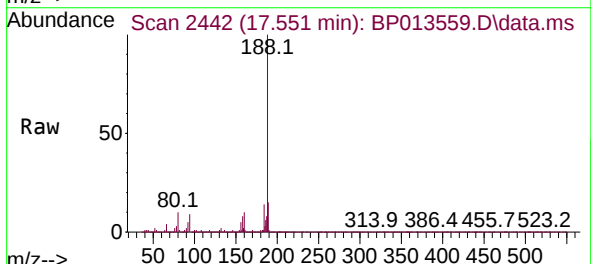
Manual Integrations
APPROVED

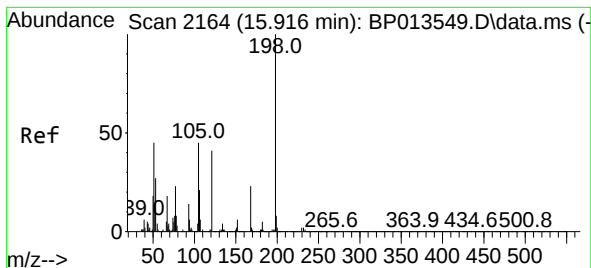
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:188 Resp: 1173361
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 8.2 12.2





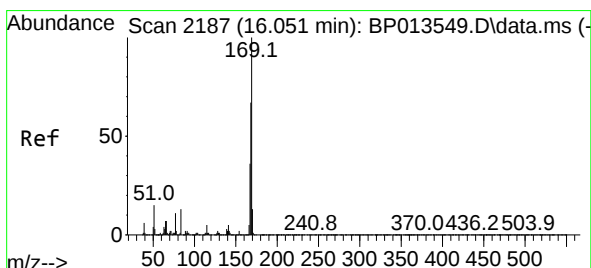
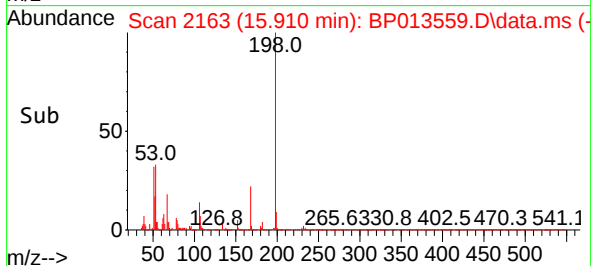
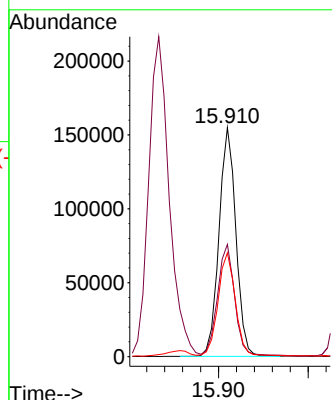
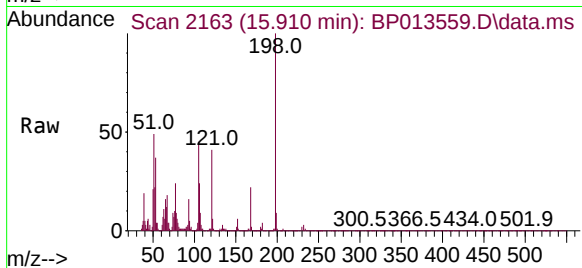
#65
4,6-Dinitro-2-methylphenol
Concen: 52.598 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :
BNA_P
ClientSampleId :
PB150338BS

Tgt Ion:198 Resp: 203697
Ion Ratio Lower Upper
198 100
51 49.0 30.4 70.4
105 45.3 26.4 66.4

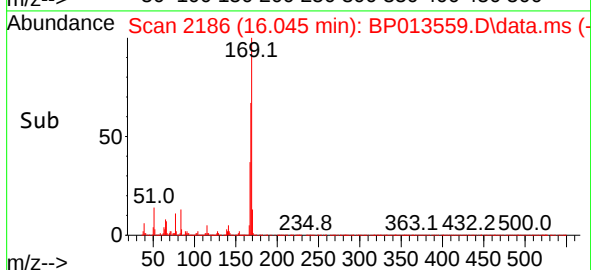
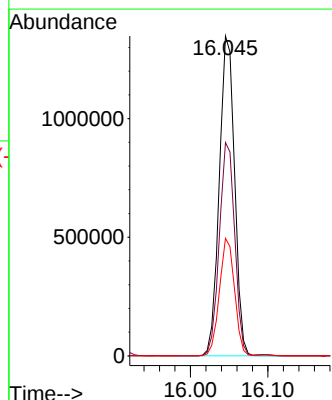
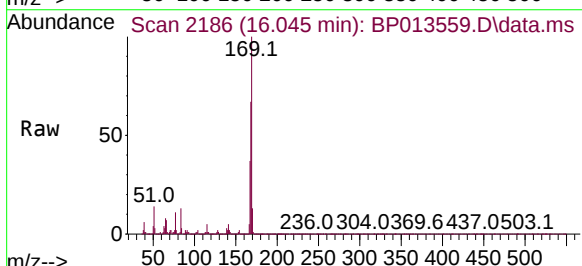
Manual Integrations
APPROVED

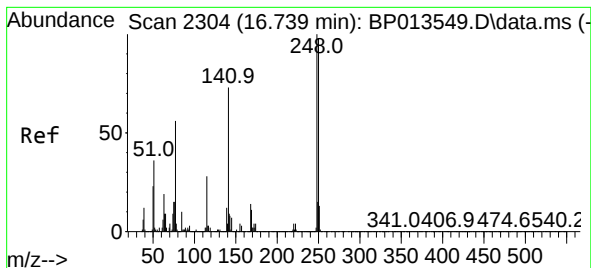
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 48.379 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:169 Resp: 1851194
Ion Ratio Lower Upper
169 100
168 66.7 54.0 81.0
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.449 ng
RT: 16.733 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

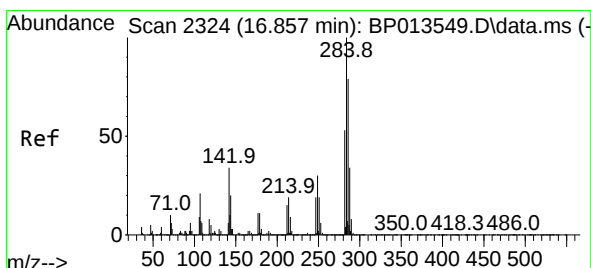
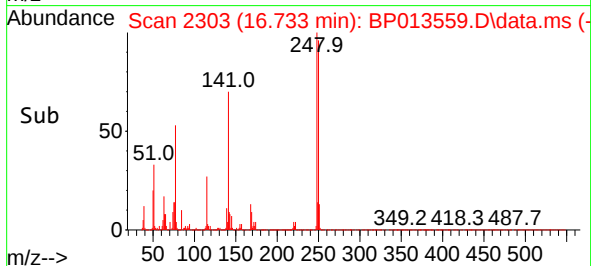
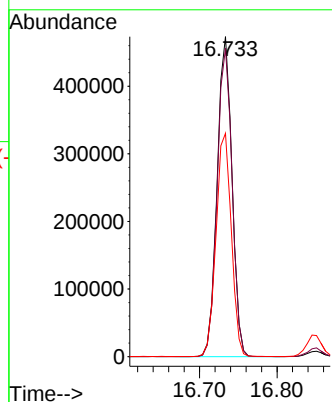
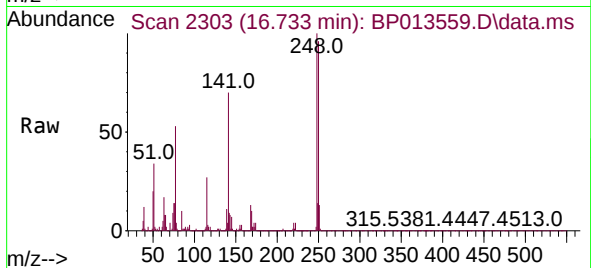
ClientSampleId :

PB150338BS

Tgt Ion:248 Resp: 629714
Ion Ratio Lower Upper
248 100
250 96.3 78.1 117.1
141 69.8 58.1 87.1

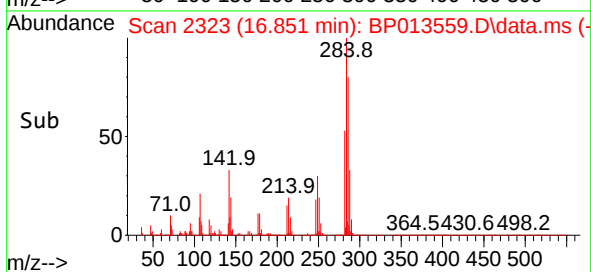
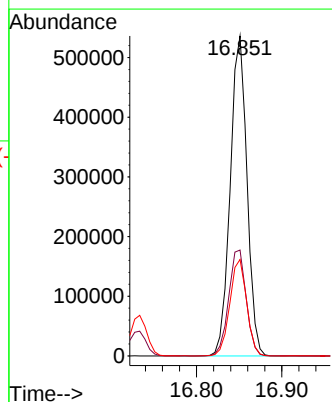
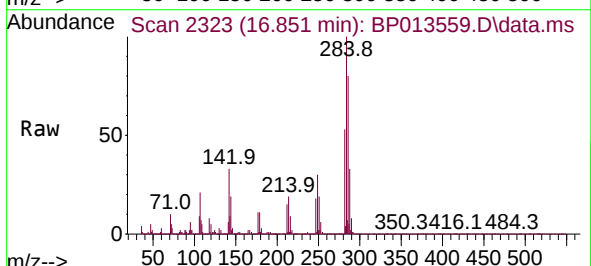
Manual Integrations
APPROVED

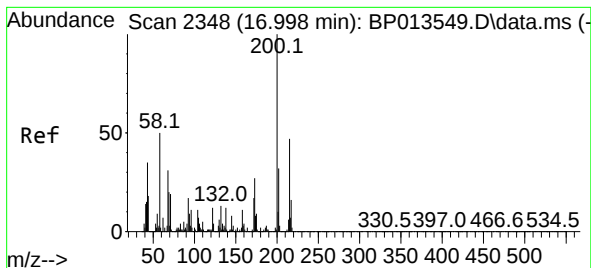
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 52.096 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:284 Resp: 731393
Ion Ratio Lower Upper
284 100
142 33.1 27.3 40.9
249 30.1 24.0 36.0





#69

Atrazine

Concen: 53.535 ng

RT: 16.998 min Scan# 2348

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

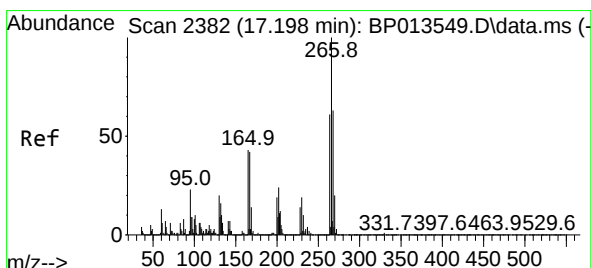
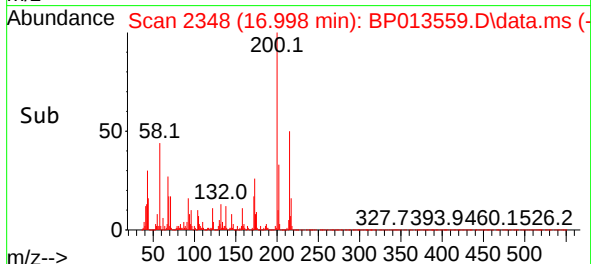
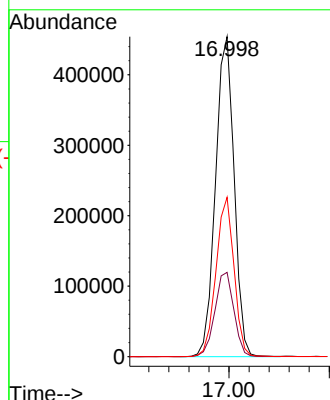
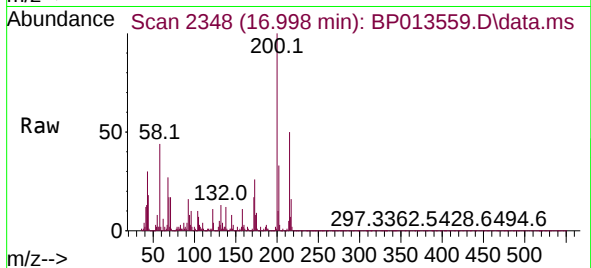
PB150338BS

Tgt Ion:200 Resp: 586113
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.2 47.2
 215 49.8 27.3 67.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 85.816 ng

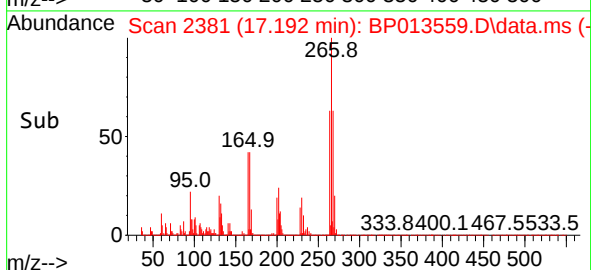
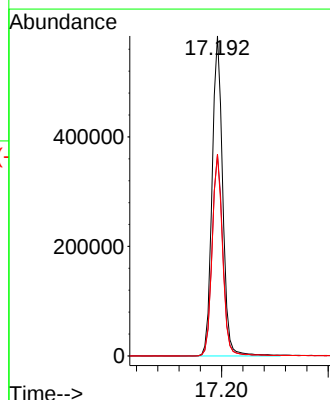
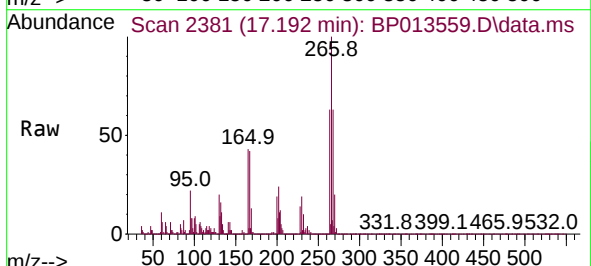
RT: 17.192 min Scan# 2381

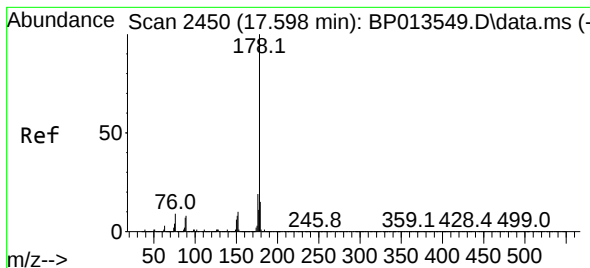
Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Tgt Ion:266 Resp: 807994
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.7 76.1
 264 62.9 48.9 73.3





#71

Phenanthrene

Concen: 48.653 ng

RT: 17.592 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:178 Resp: 3176233

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

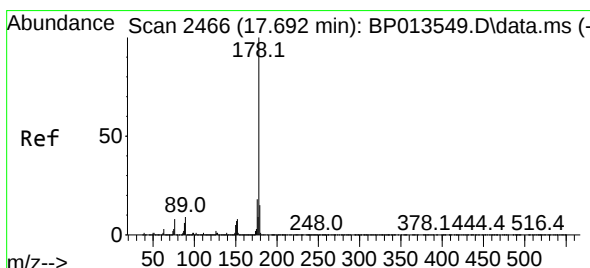
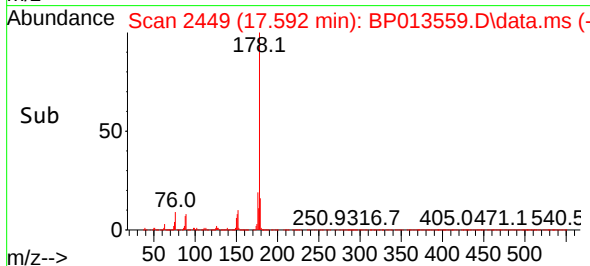
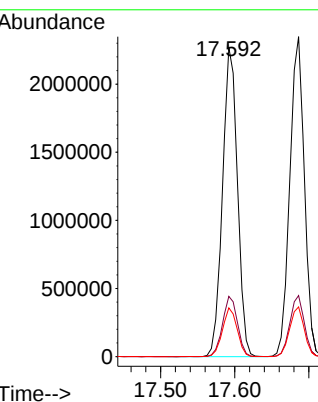
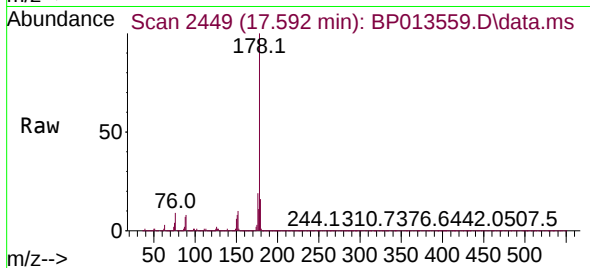
179 15.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#72

Anthracene

Concen: 48.479 ng

RT: 17.686 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

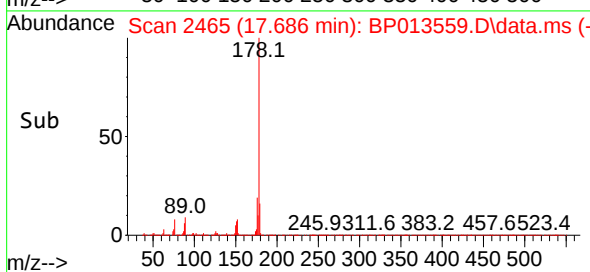
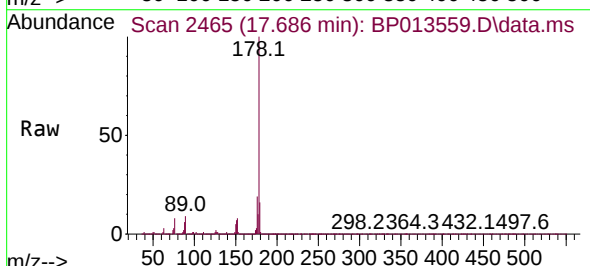
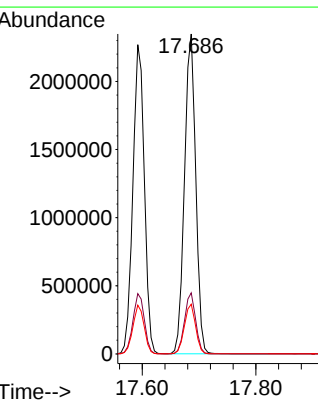
Tgt Ion:178 Resp: 3212196

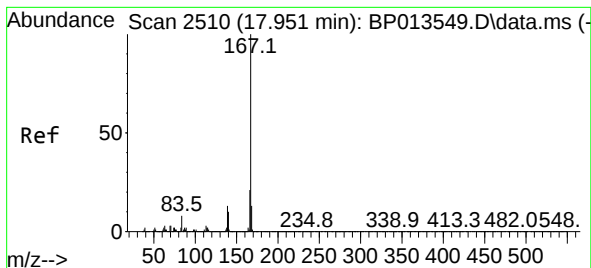
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.5 12.3 18.5





#73

Carbazole

Concen: 48.317 ng

RT: 17.945 min Scan# 2509

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:167 Resp: 287711

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

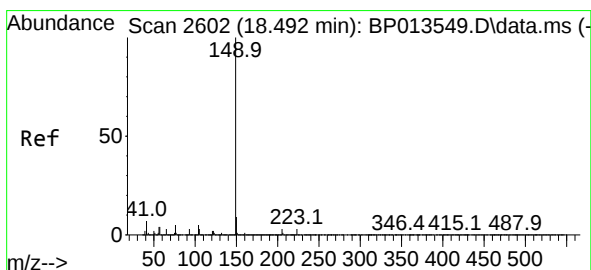
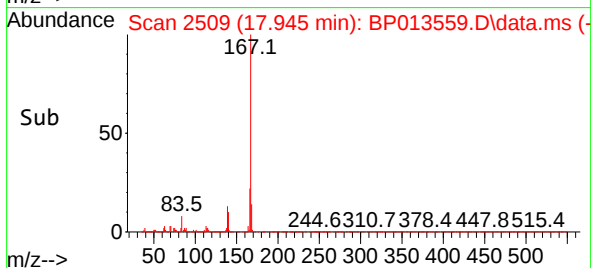
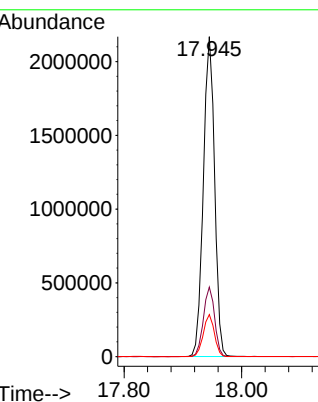
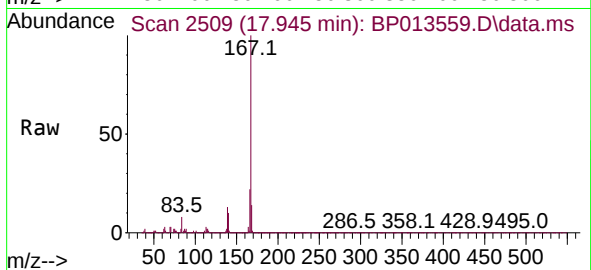
139 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#74

Di-n-butylphthalate

Concen: 48.865 ng

RT: 18.486 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

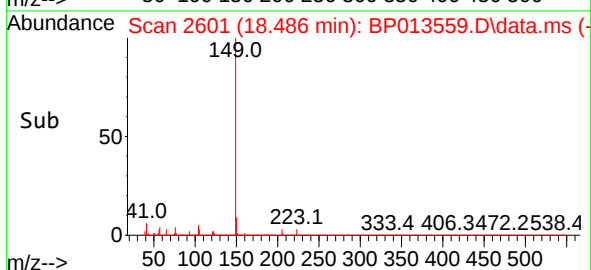
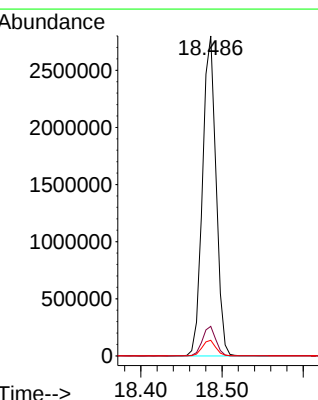
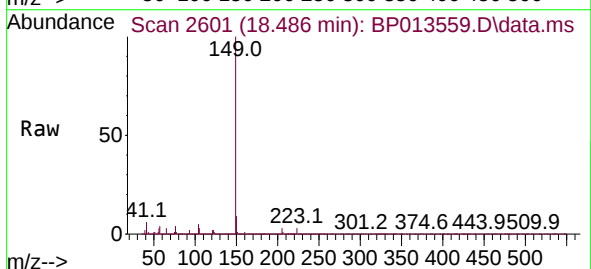
Tgt Ion:149 Resp: 3238410

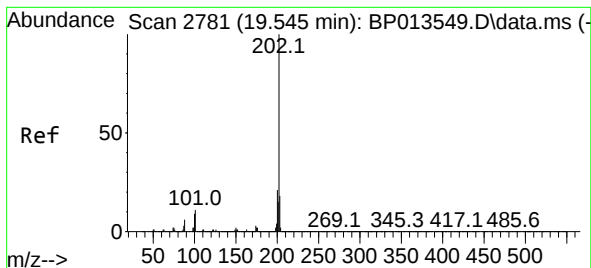
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 47.473 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:202 Resp: 329583

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

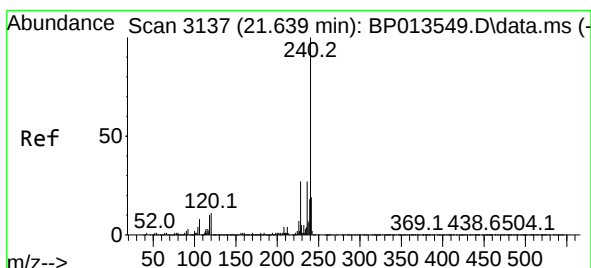
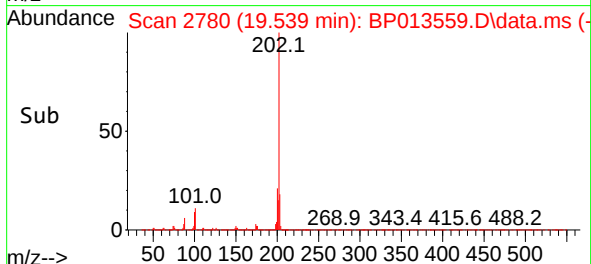
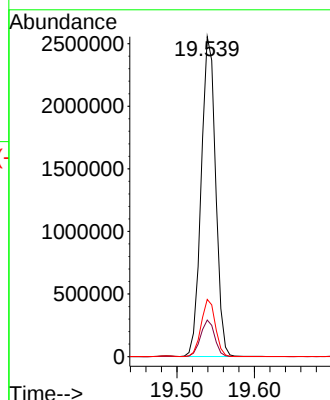
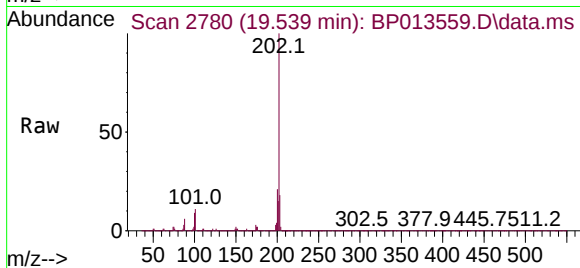
203 17.9 0.0 37.9

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: BP013559.D

Acq: 23 Jan 2023 22:04

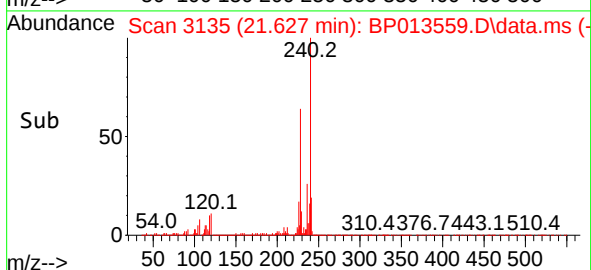
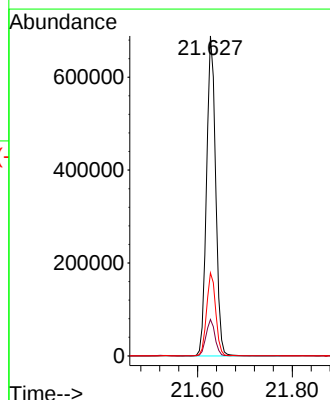
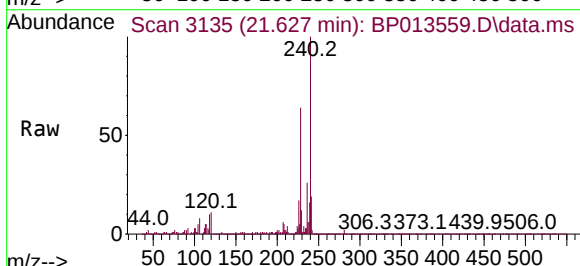
Tgt Ion:240 Resp: 917080

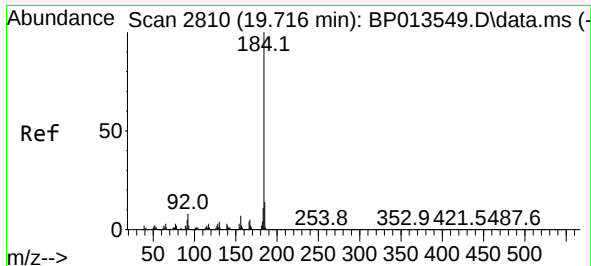
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.9 21.3 31.9





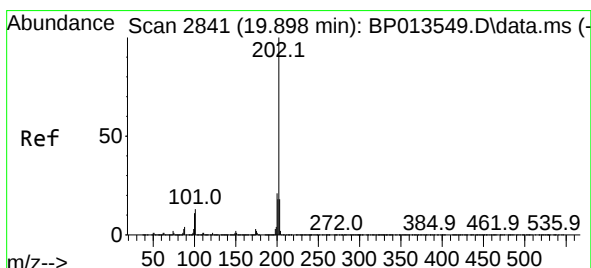
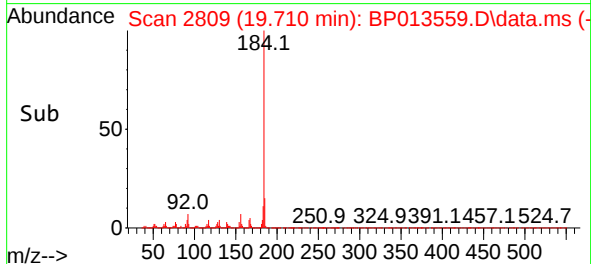
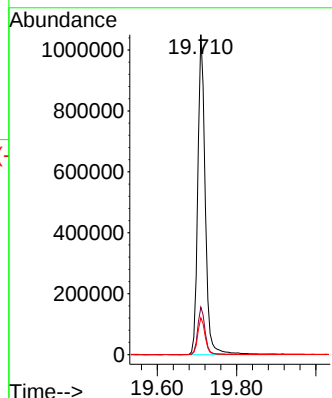
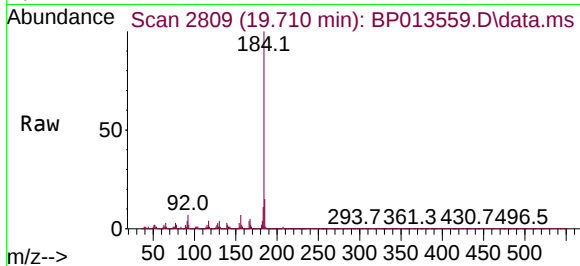
#77
Benzidine
Concen: 59.339 ng
RT: 19.710 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :
BNA_P
ClientSampleId :
PB150338BS

Tgt Ion:184 Resp: 1368654
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.5 9.0 13.6

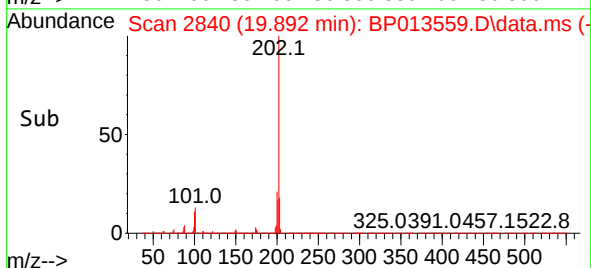
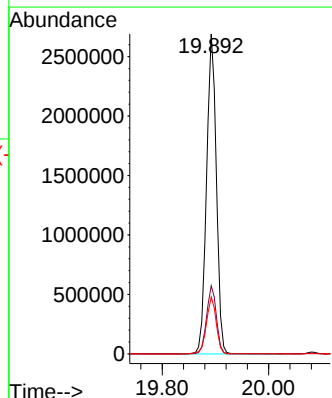
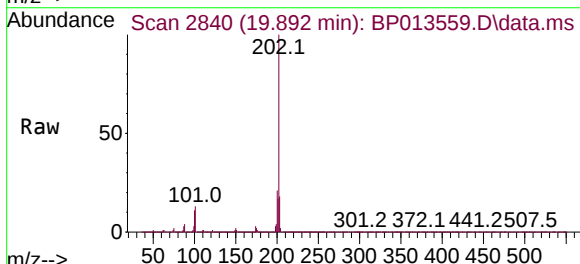
Manual Integrations
APPROVED

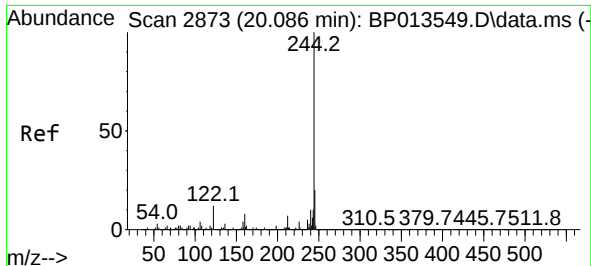
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#78
Pyrene
Concen: 48.781 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:202 Resp: 3420671
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 102.932 ng
 RT: 20.080 min Scan# 2873
 Delta R.T. -0.006 min
 Lab File: BP013559.D
 Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

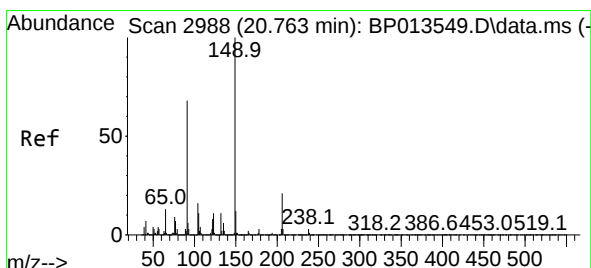
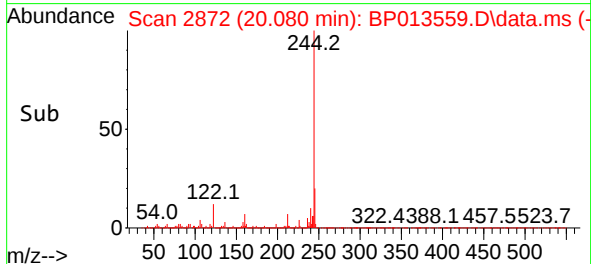
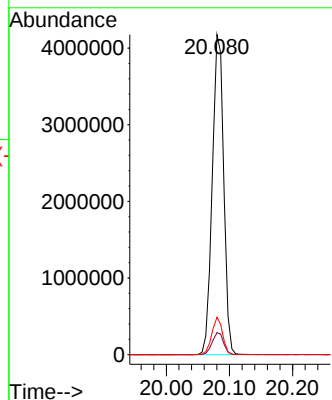
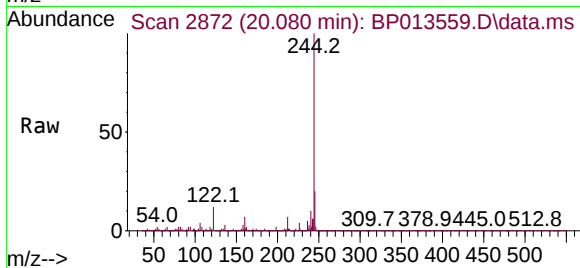
PB150338BS

Tgt Ion:244 Resp: 5247178
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.7 9.2 13.8

Manual Integrations

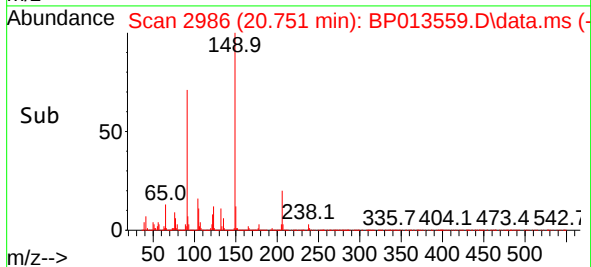
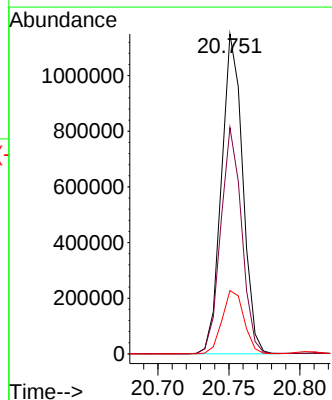
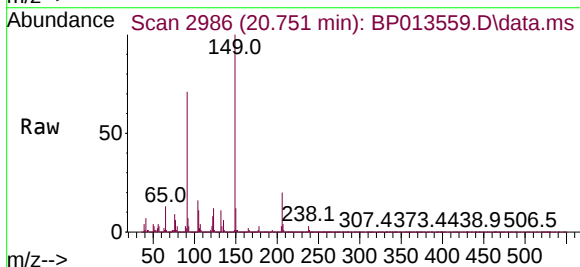
APPROVED

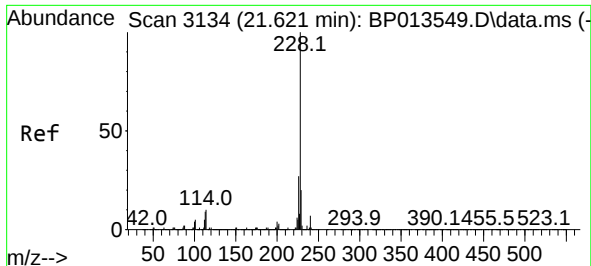
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#80
 Butylbenzylphthalate
 Concen: 53.528 ng
 RT: 20.751 min Scan# 2986
 Delta R.T. -0.012 min
 Lab File: BP013559.D
 Acq: 23 Jan 2023 22:04

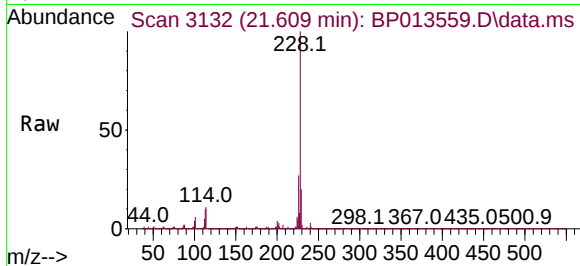
Tgt Ion:149 Resp: 1195083
 Ion Ratio Lower Upper
 149 100
 91 70.7 54.6 81.8
 206 19.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 48.183 ng
RT: 21.609 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

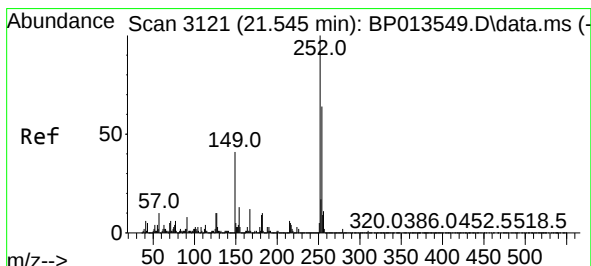
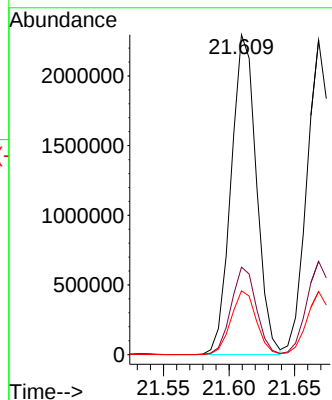
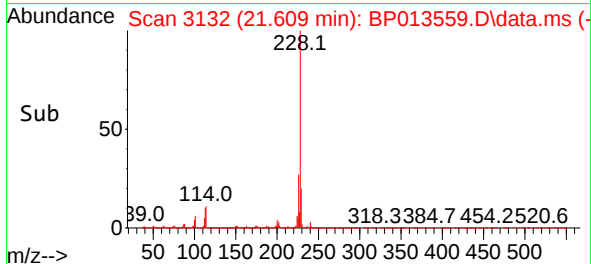
Instrument :
BNA_P
ClientSampleId :
PB150338BS



Tgt Ion:228 Resp: 3078363
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6

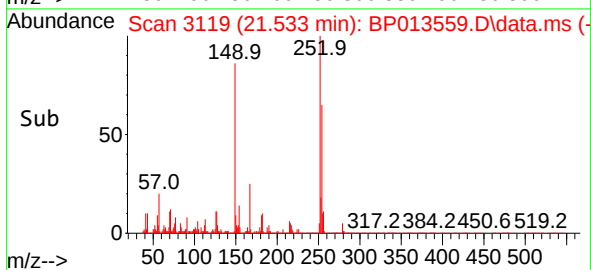
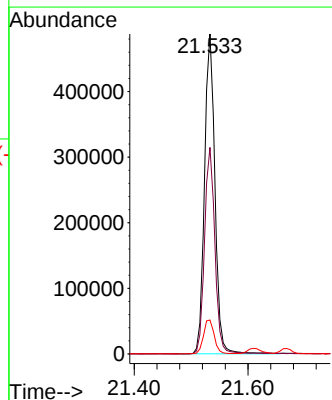
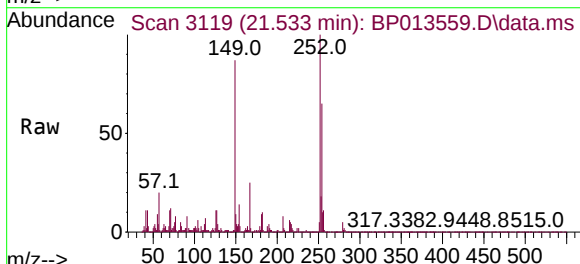
Manual Integrations
APPROVED

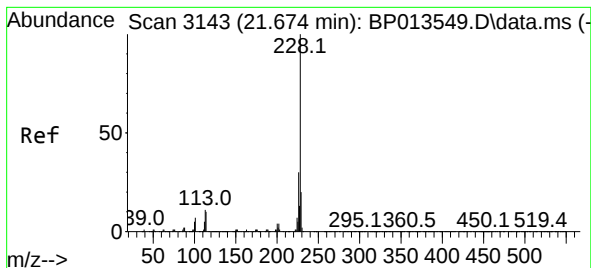
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.245 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:252 Resp: 622602
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 10.6 8.3 12.5





#83

Chrysene

Concen: 47.810 ng

RT: 21.668 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:228 Resp: 2921582

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

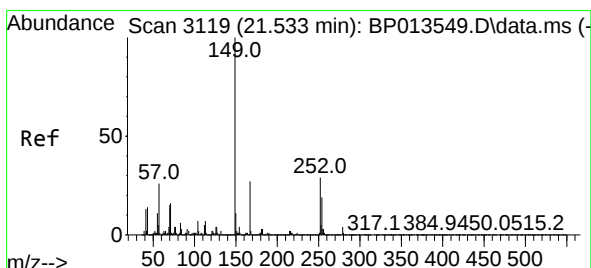
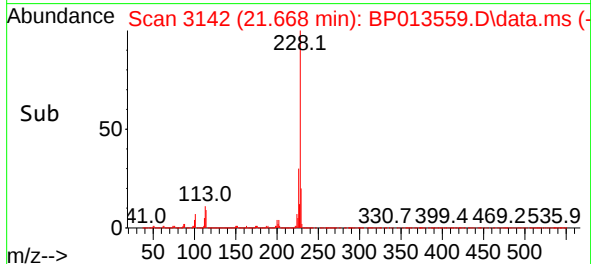
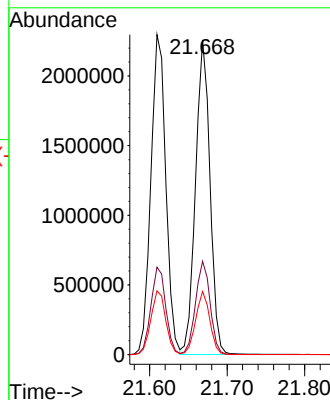
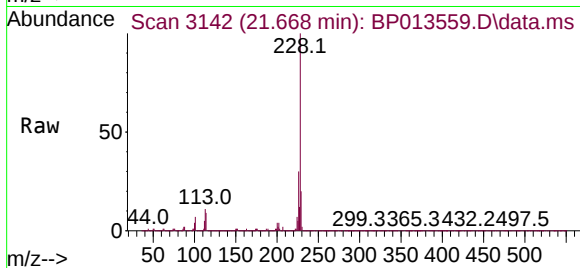
229 20.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.848 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

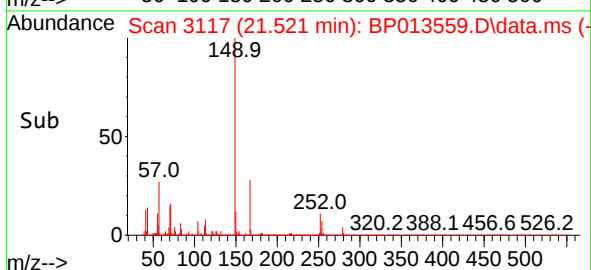
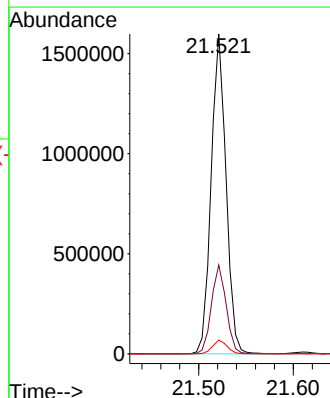
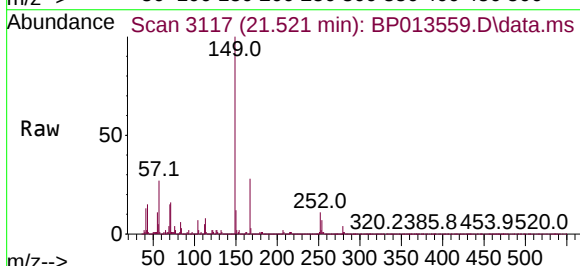
Tgt Ion:149 Resp: 1745413

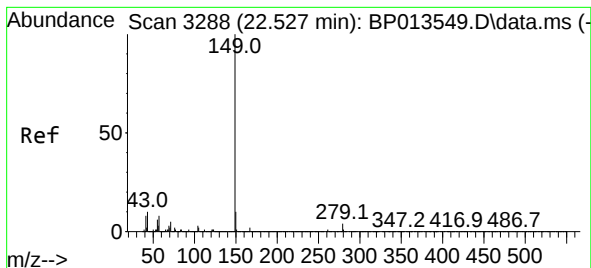
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.661 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:149 Resp: 2860809

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

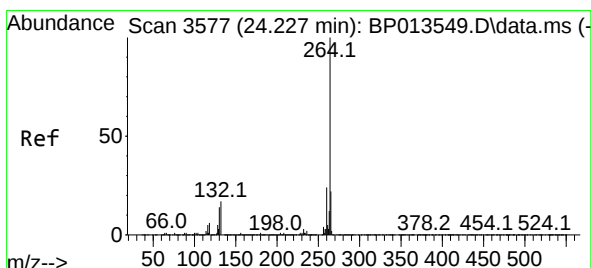
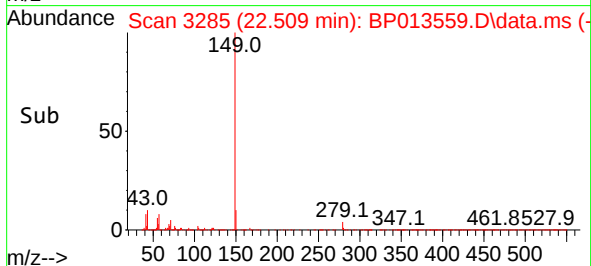
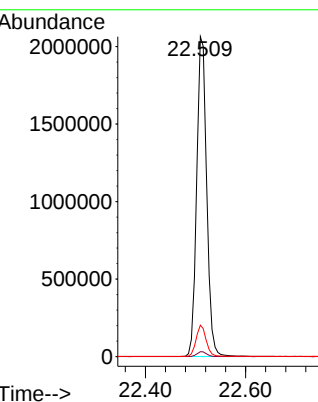
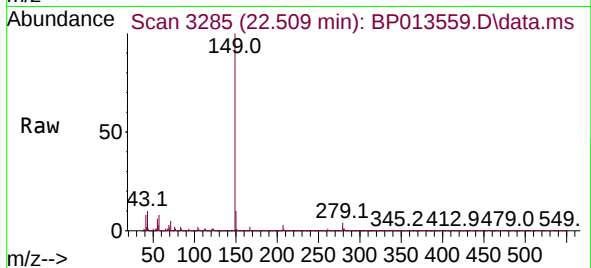
43 9.8 8.2 12.4

Manual Integrations

APPROVED

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: BP013559.D

Acq: 23 Jan 2023 22:04

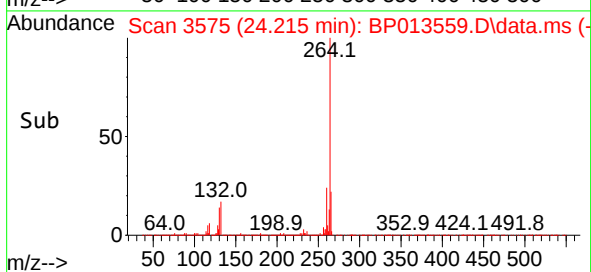
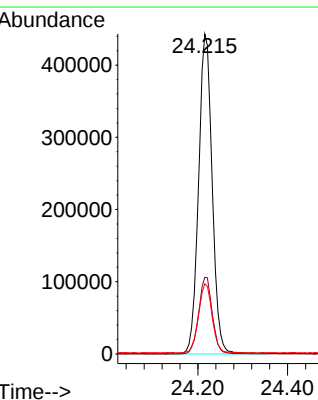
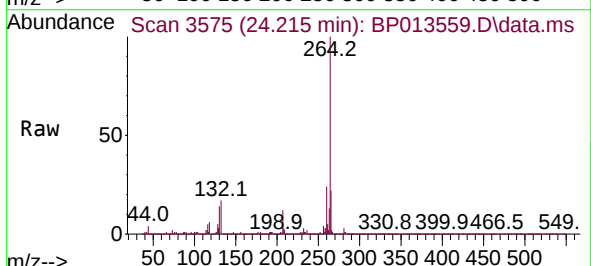
Tgt Ion:264 Resp: 931133

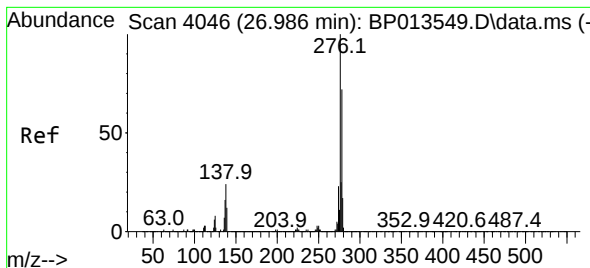
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.458 ng

RT: 26.956 min Scan# 4046

Delta R.T. -0.030 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:276 Resp: 3597835

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.6

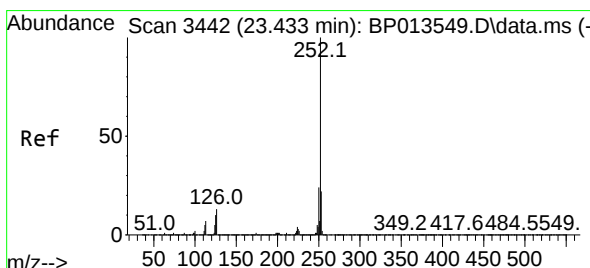
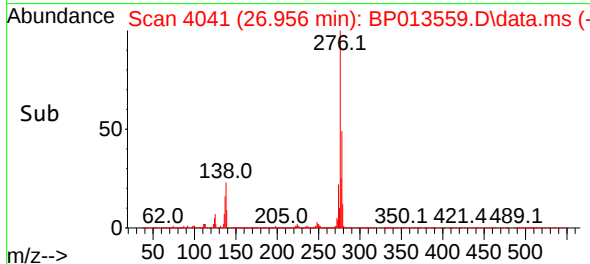
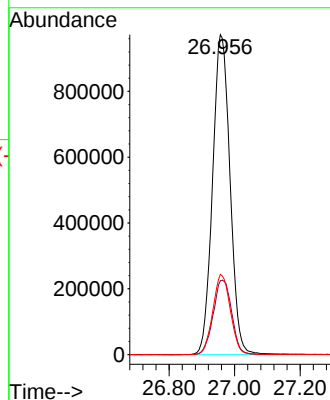
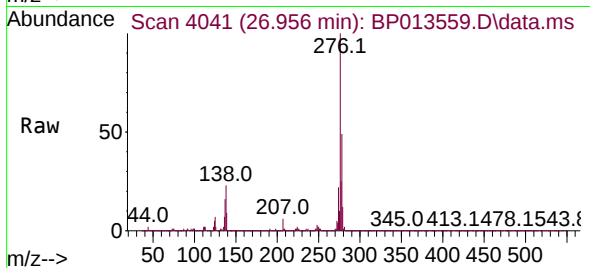
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 53.327 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

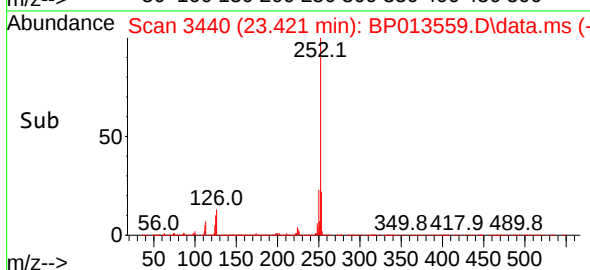
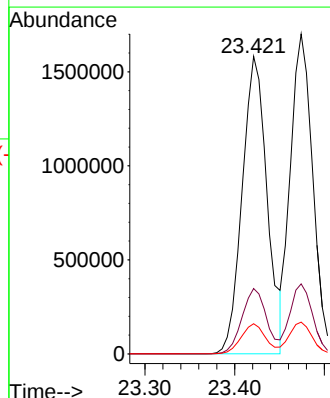
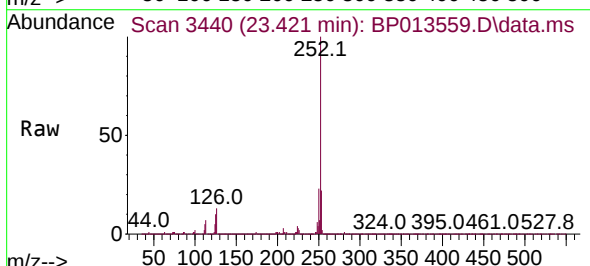
Tgt Ion:252 Resp: 3054637

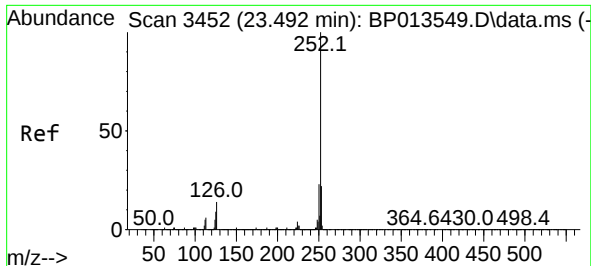
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.1 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 50.263 ng
RT: 23.474 min Scan# 3449
Delta R.T. -0.018 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

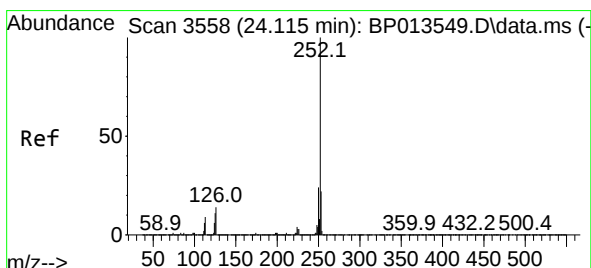
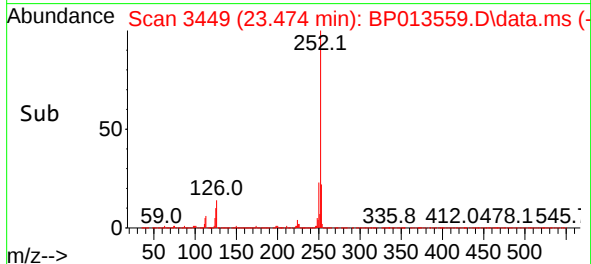
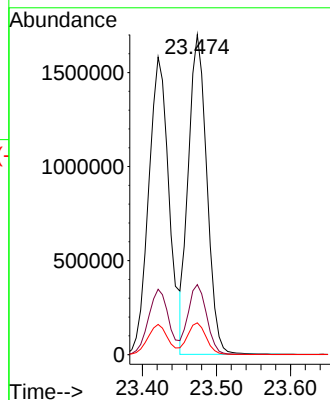
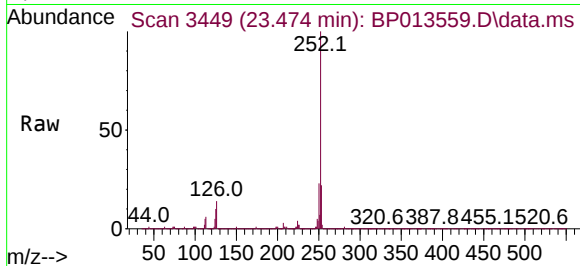
ClientSampleId :

PB150338BS

Tgt Ion:252 Resp: 293654
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.9 7.5 11.3

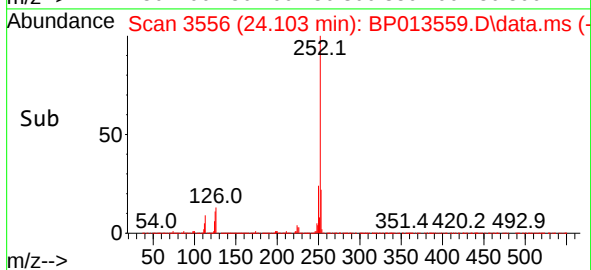
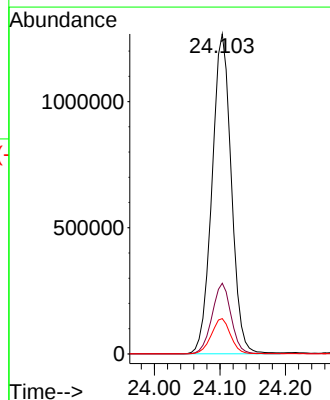
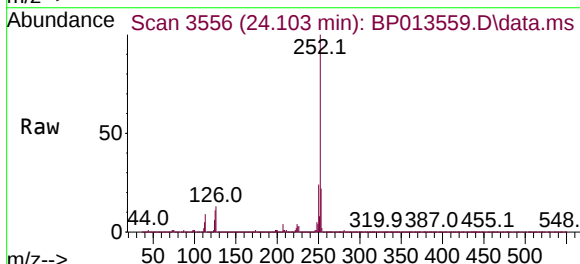
Manual Integrations
APPROVED

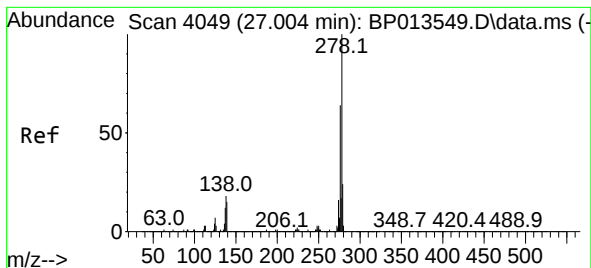
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#90
Benzo(a)pyrene
Concen: 46.717 ng
RT: 24.103 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:252 Resp: 2595843
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.935 ng

RT: 26.980 min Scan# 4049

Delta R.T. -0.024 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:278 Resp: 3045259

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

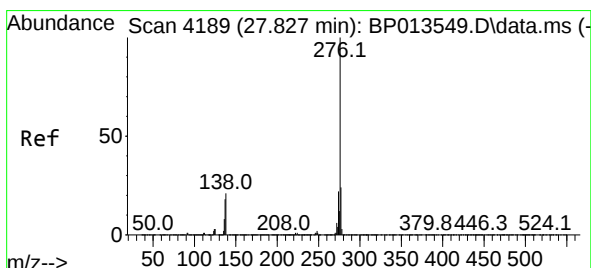
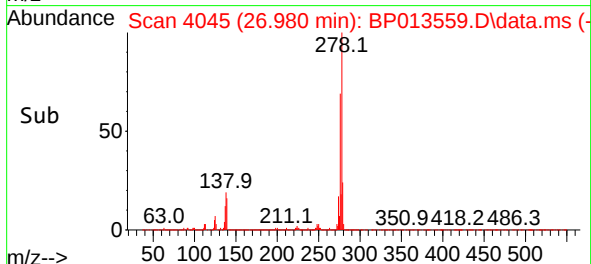
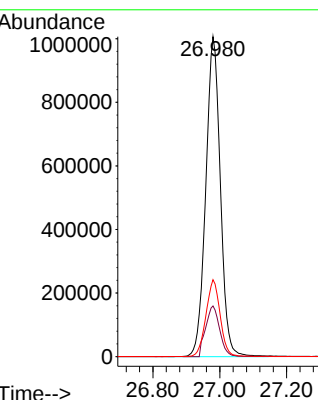
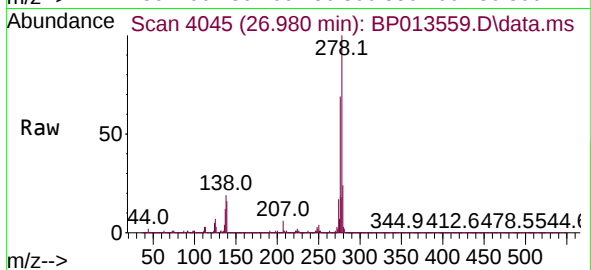
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#92

Benzo(g,h,i)perylene

Concen: 52.426 ng

RT: 27.803 min Scan# 4185

Delta R.T. -0.024 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Tgt Ion:276 Resp: 2943954

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.1 16.6 25.0

