

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
 Data File : BP013607.D
 Acq On : 26 Jan 2023 22:19
 Operator : CG/JU
 Sample : PB150452BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150452BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 04:18:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	191801	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	752687	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	498732	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1168382	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1017717	20.000	ng	0.00
86) Perylene-d12	24.221	264	966190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1659749	155.067	ng	0.00
7) Phenol-d6	7.304	99	2120143	146.631	ng	0.00
23) Nitrobenzene-d5	9.328	82	1214854	88.687	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1034869	136.290	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3105327	88.927	ng	0.00
79) Terphenyl-d14	20.080	244	5321755	92.275	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	175562	37.202	ng	99
3) Pyridine	3.940	79	479437	35.741	ng	98
4) n-Nitrosodimethylamine	3.846	42	222959	42.528	ng	93
6) Aniline	7.469	93	814116	42.485	ng	98
8) 2-Chlorophenol	7.716	128	589821	51.911	ng	99
9) Benzaldehyde	7.281	77	271170m	28.306	ng	
10) Phenol	7.328	94	764592	50.482	ng	99
11) bis(2-Chloroethyl)ether	7.569	93	586558	46.765	ng	99
12) 1,3-Dichlorobenzene	8.045	146	635871	48.482	ng	98
13) 1,4-Dichlorobenzene	8.193	146	645066	48.502	ng	100
14) 1,2-Dichlorobenzene	8.516	146	617596	49.323	ng	98
15) Benzyl Alcohol	8.393	79	521208	46.422	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.693	45	669505	47.368	ng	99
17) 2-Methylphenol	8.593	107	513603	46.993	ng	98
18) Hexachloroethane	9.251	117	222410	46.679	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	423612	45.082	ng	98
20) 3+4-Methylphenols	8.922	107	697437	46.566	ng	99
22) Acetophenone	8.987	105	851685	44.828	ng	# 98
24) Nitrobenzene	9.375	77	636114	44.371	ng	98
25) Isophorone	9.904	82	1281733	42.716	ng	99
26) 2-Nitrophenol	10.087	139	276062	44.826	ng	96
27) 2,4-Dimethylphenol	10.139	122	549652	48.214	ng	97
28) bis(2-Chloroethoxy)met...	10.381	93	778980	45.629	ng	99
29) 2,4-Dichlorophenol	10.622	162	615889	48.007	ng	98
30) 1,2,4-Trichlorobenzene	10.845	180	658591	46.302	ng	100
31) Naphthalene	11.039	128	1705948	44.603	ng	100
32) Benzoic acid	10.275	122	360384	43.364	ng	94
33) 4-Chloroaniline	11.139	127	392725	23.652	ng	98
34) Hexachlorobutadiene	11.322	225	425886	44.533	ng	99
35) Caprolactam	11.928	113	169870m	46.179	ng	
36) 4-Chloro-3-methylphenol	12.245	107	624696	45.932	ng	98
37) 2-Methylnaphthalene	12.633	142	1233864	42.211	ng	98
38) 1-Methylnaphthalene	12.851	142	1153387	42.158	ng	97
40) 1,2,4,5-Tetrachloroben...	12.992	216	783190	45.075	ng	99
41) Hexachlorocyclopentadiene	12.975	237	946328	105.418	ng	98
43) 2,4,6-Trichlorophenol	13.228	196	542054	46.625	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	586637	43.148	ng	99
46) 1,1'-Biphenyl	13.628	154	1664377	44.784	ng	98
47) 2-Chloronaphthalene	13.675	162	1286367	45.355	ng	99
48) 2-Nitroaniline	13.875	65	251124	37.813	ng	95
49) Acenaphthylene	14.516	152	2060910	44.054	ng	99
50) Dimethylphthalate	14.245	163	1713286	44.227	ng	99
51) 2,6-Dinitrotoluene	14.363	165	334044	42.880	ng	96
52) Acenaphthene	14.857	154	1447522m	48.346	ng	
53) 3-Nitroaniline	14.692	138	245036	34.083	ng	99
54) 2,4-Dinitrophenol	14.892	184	420375	88.311	ng	98
55) Dibenzofuran	15.192	168	2024901	43.182	ng	98
56) 4-Nitrophenol	14.992	139	604947	95.800	ng	94
57) 2,4-Dinitrotoluene	15.145	165	460681	44.045	ng	97
58) Fluorene	15.839	166	1549854	43.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	544164	46.200	ng	99
60) Diethylphthalate	15.604	149	1616110	45.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.827	204	870951	43.012	ng	99
62) 4-Nitroaniline	15.857	138	307156	44.403	ng	97
63) Azobenzene	16.127	77	1541427	42.762	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	256759	40.870	ng	99
66) n-Nitrosodiphenylamine	16.045	169	1424482	44.251	ng	99
67) 4-Bromophenyl-phenylether	16.727	248	589936	43.806	ng	99
68) Hexachlorobenzene	16.851	284	694392	47.172	ng	96
69) Atrazine	16.998	200	513903	52.224	ng	100
70) Pentachlorophenol	17.192	266	922767	80.662	ng	99
71) Phenanthrene	17.592	178	2704784	45.137	ng	100
72) Anthracene	17.680	178	2711396	44.780	ng	99
73) Carbazole	17.945	167	2435377	45.137	ng	99
74) Di-n-butylphthalate	18.480	149	2348389	47.449	ng	99
75) Fluoranthene	19.539	202	3307900	44.259	ng	100
77) Benzidine	19.710	184	858212	80.431	ng	99
78) Pyrene	19.892	202	3404349	43.222	ng	100
80) Butylbenzylphthalate	20.751	149	468718	43.806	ng	100
81) Benzo(a)anthracene	21.615	228	3245958	45.293	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	595382	34.921	ng	99
83) Chrysene	21.668	228	3012196	44.733	ng	99
84) Bis(2-ethylhexyl)phtha...	21.515	149	798116	47.557	ng	99
85) Di-n-octyl phthalate	22.509	149	1460558	51.886	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	3076037	45.285	ng	99
88) Benzo(b)fluoranthene	23.421	252	3060070	49.332	ng	99
89) Benzo(k)fluoranthene	23.480	252	2938570	47.720	ng	99
90) Benzo(a)pyrene	24.103	252	2565849	43.947	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2565454	45.389	ng	99
92) Benzo(g,h,i)perylene	27.803	276	2488204	44.710	ng	98

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

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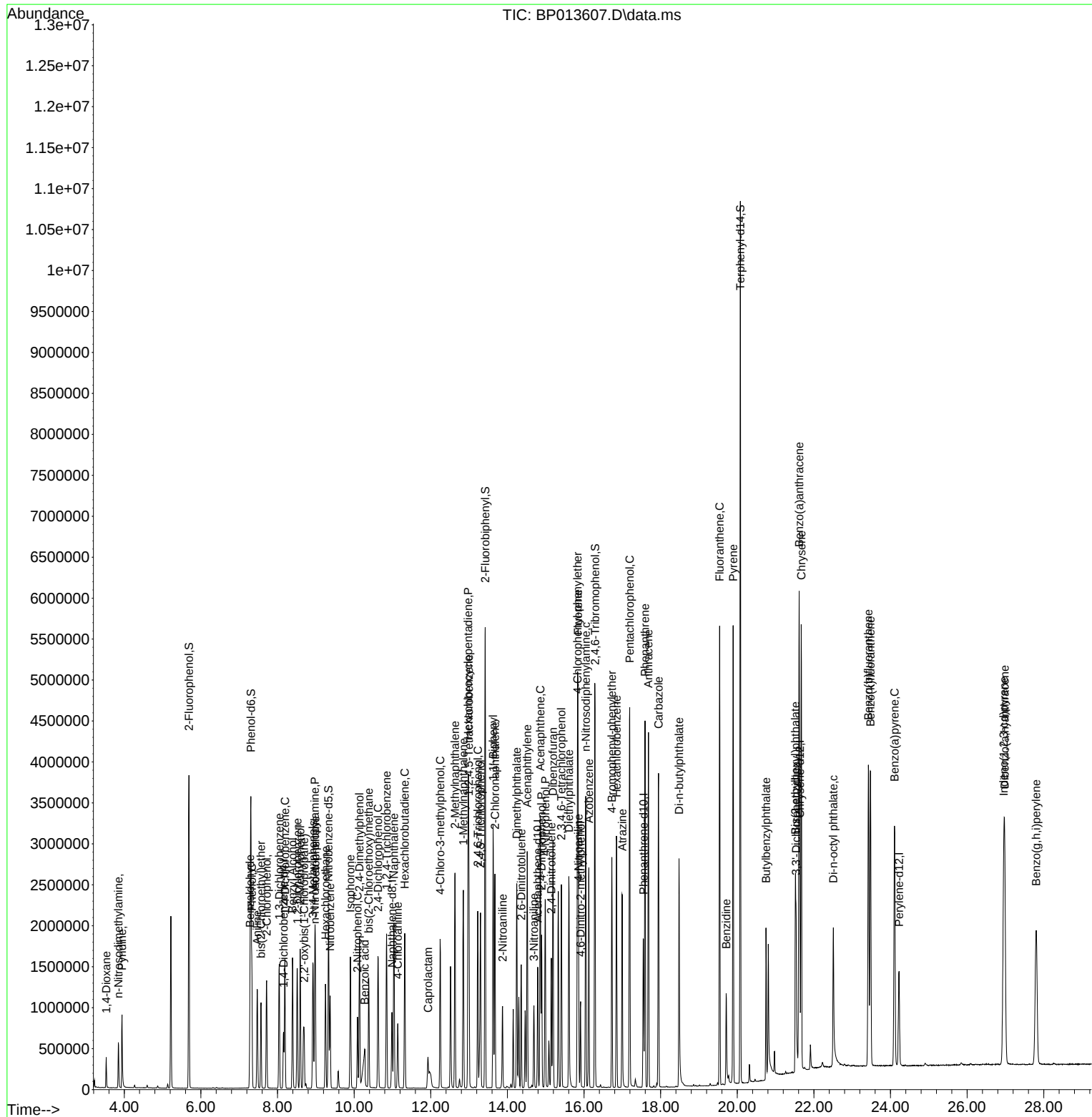
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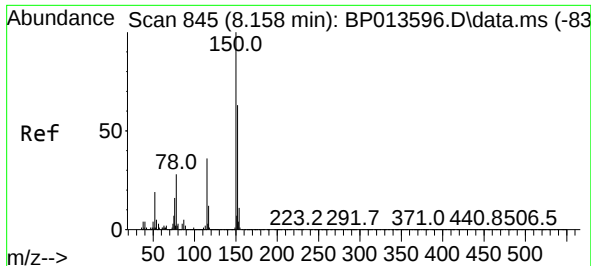
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QLast Update : Fri Jan 27 03:27:54 2023

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.157 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BP013607.D
 Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

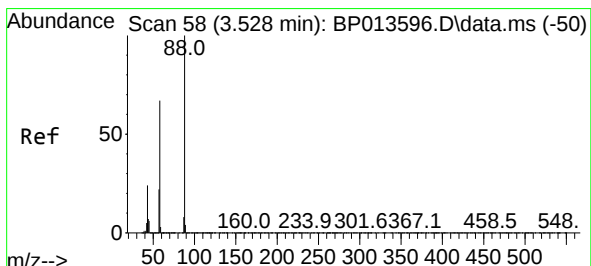
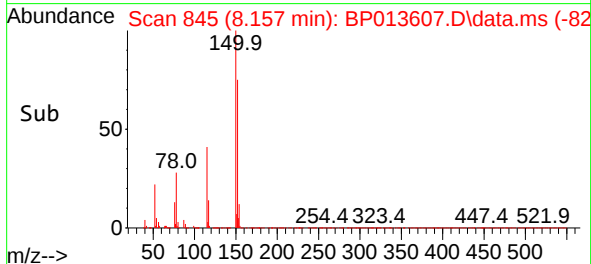
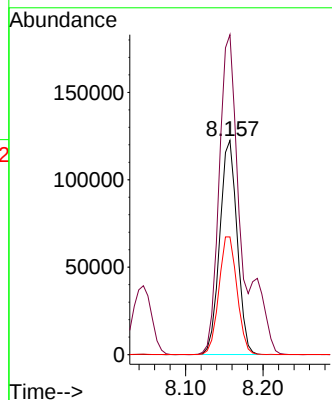
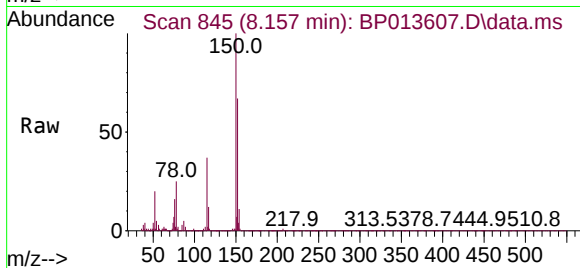
PB150452BS

Tgt Ion:152 Resp: 19180
 Ion Ratio Lower Upper
 152 100
 150 149.4 126.2 189.2
 115 54.9 45.1 67.7

Manual Integrations

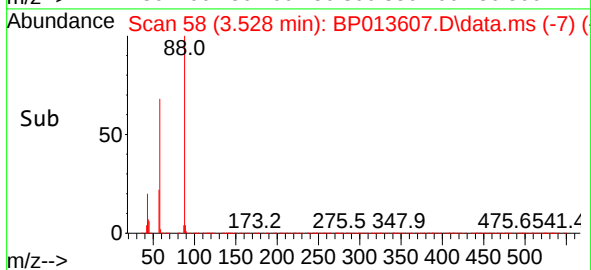
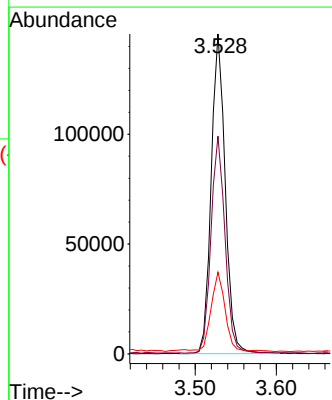
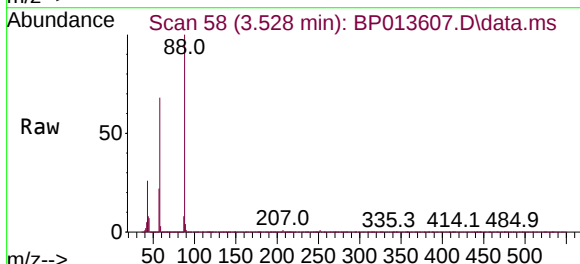
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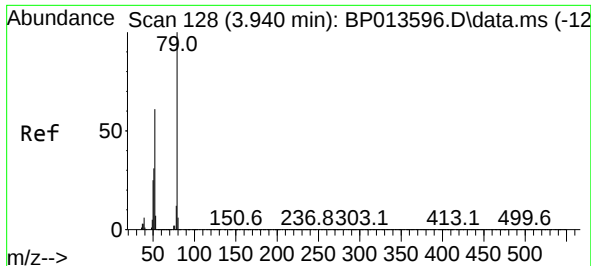
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#2
 1,4-Dioxane
 Concen: 37.202 ng
 RT: 3.528 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BP013607.D
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Tgt Ion: 88 Resp: 175562
 Ion Ratio Lower Upper
 88 100
 58 67.8 54.2 81.4
 43 24.0 20.4 30.6





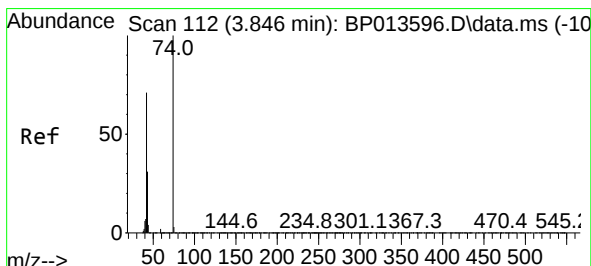
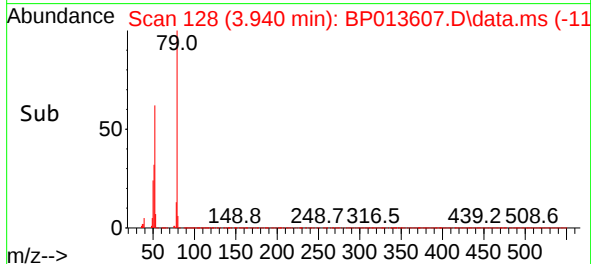
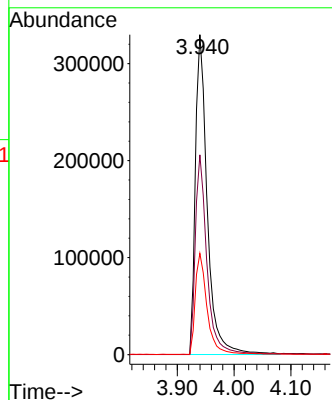
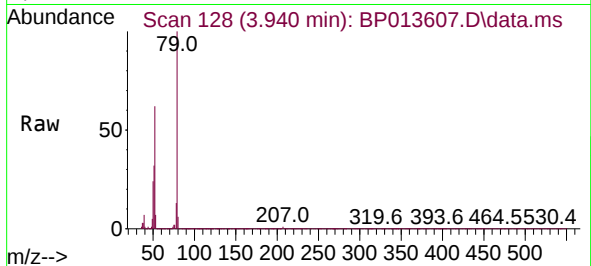
#3
Pyridine
Concen: 35.741 ng
RT: 3.940 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion: 79 Resp: 479437
Ion Ratio Lower Upper
79 100
52 62.4 48.6 73.0
51 31.6 25.1 37.7

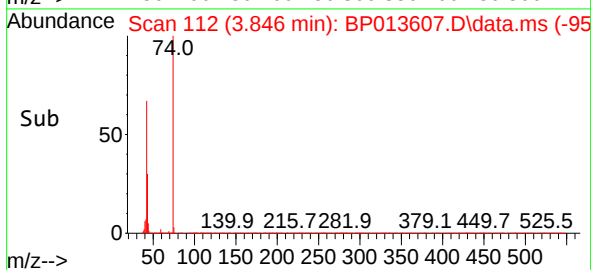
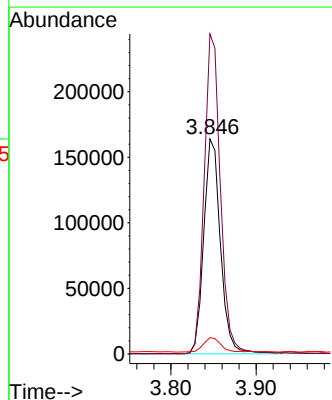
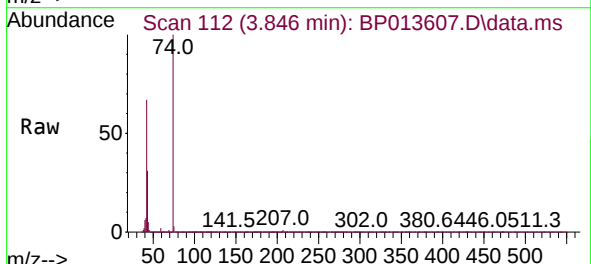
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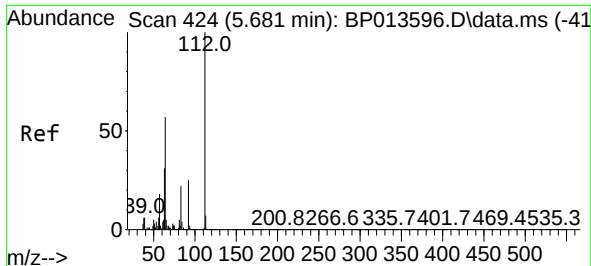
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#4
n-Nitrosodimethylamine
Concen: 42.528 ng
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

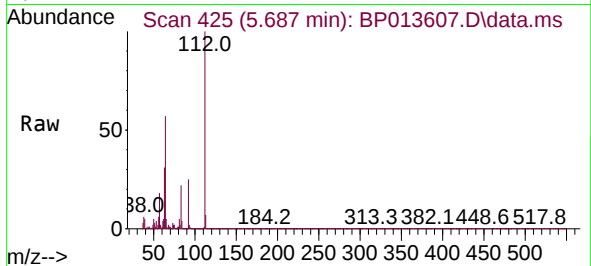
Tgt Ion: 42 Resp: 222959
Ion Ratio Lower Upper
42 100
74 148.9 112.2 168.2
44 7.6 5.6 8.4





#5
2-Fluorophenol
Concen: 155.067 ng
RT: 5.687 min Scan# 424
Delta R.T. 0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

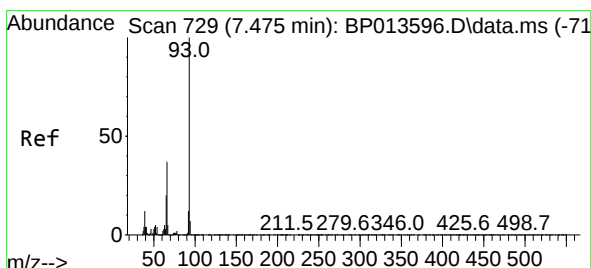
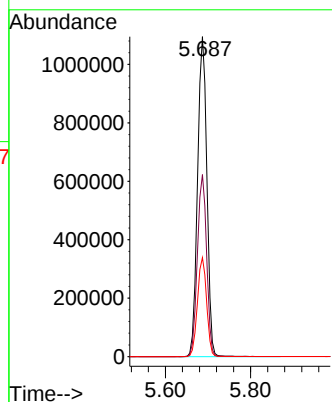
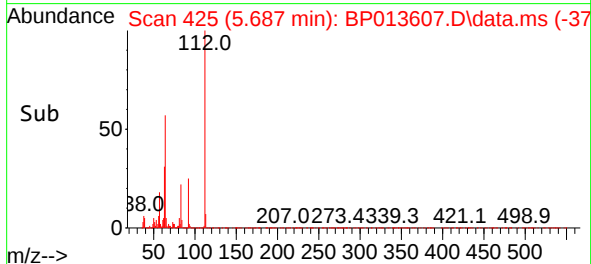
Instrument :
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Tgt Ion:112 Resp: 1659749
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 30.9 25.1 37.7

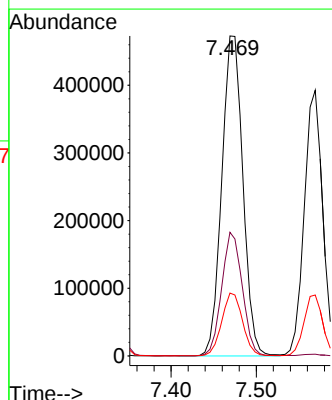
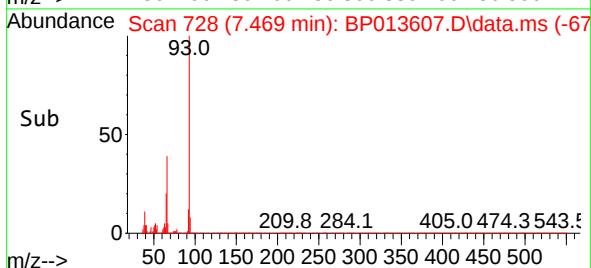
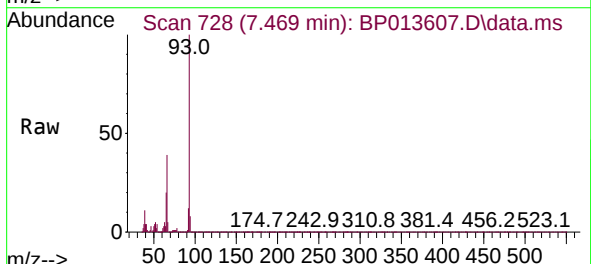
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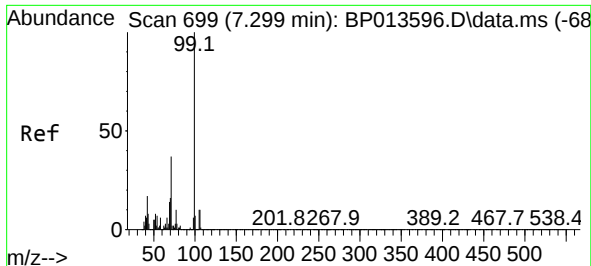
Reviewed By :Christian Giraldo 01/27/2023
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#6
Aniline
Concen: 42.485 ng
RT: 7.469 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

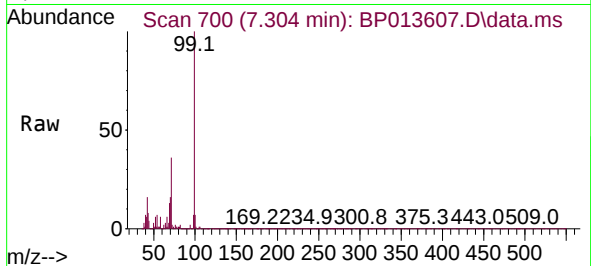
Tgt Ion: 93 Resp: 814116
Ion Ratio Lower Upper
93 100
66 38.6 29.8 44.8
65 19.7 15.8 23.6





#7
Phenol-d6
Concen: 146.631 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013607.D
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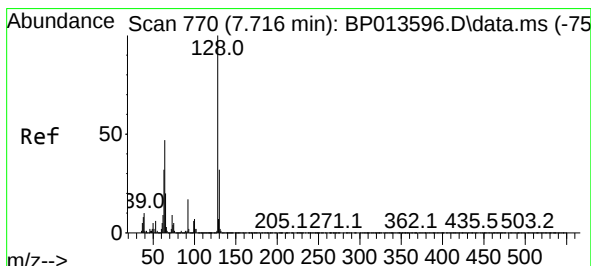
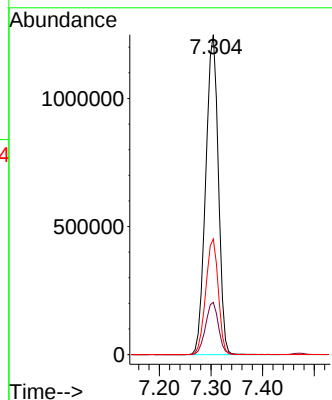
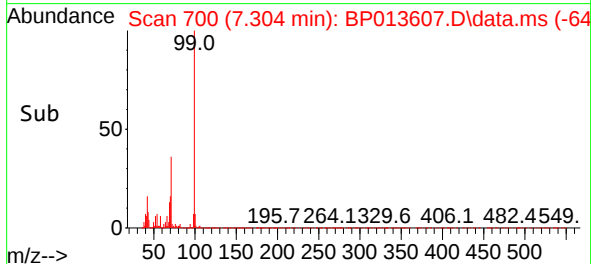
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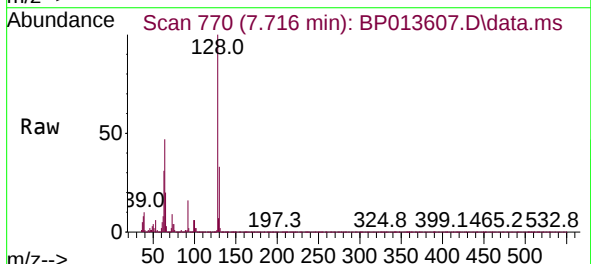
Tgt Ion: 99 Resp: 2120143
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 36.1 29.9 44.9

Manual Integrations
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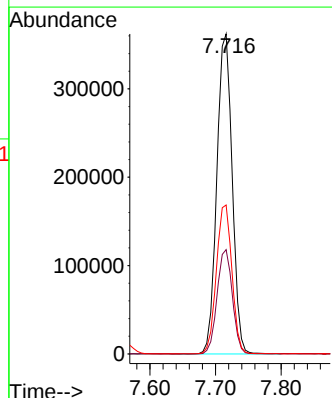
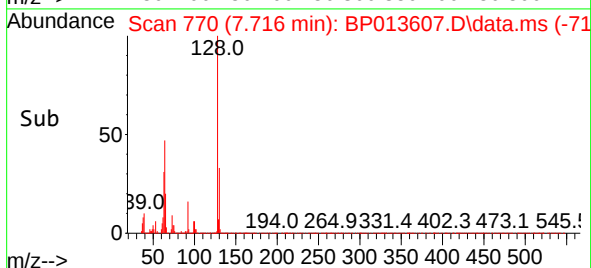
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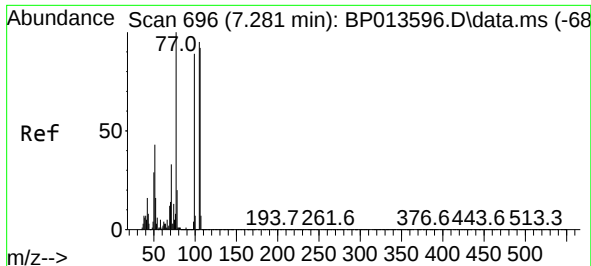


#8
2-Chlorophenol
Concen: 51.911 ng
RT: 7.716 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



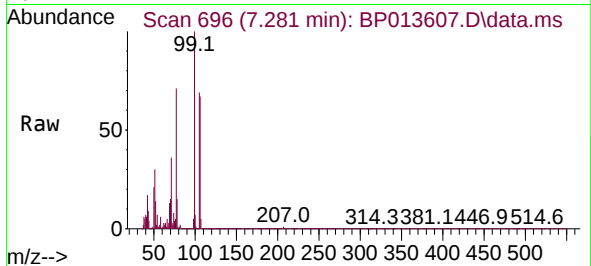
Tgt Ion:128 Resp: 589821
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 46.5 26.8 66.8





#9
Benzaldehyde
Concen: 28.306 ng m
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP013607.D
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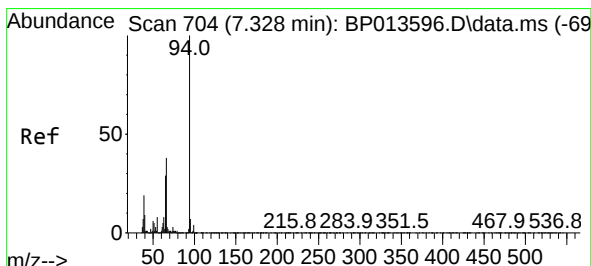
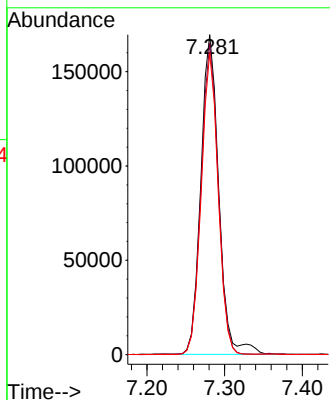
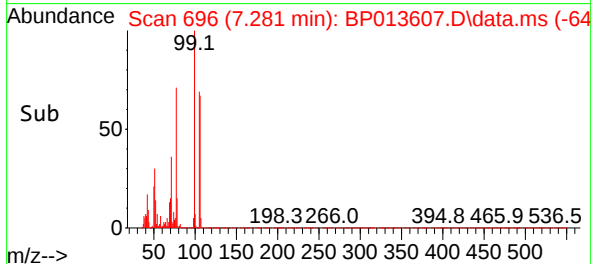
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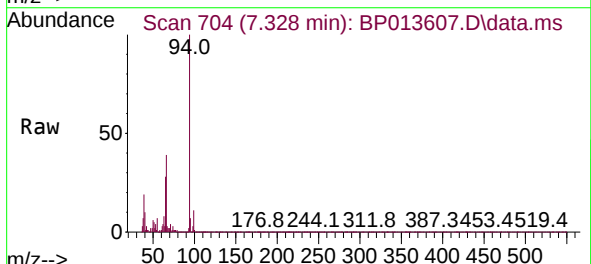
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Ion Ratio Lower Upper
77 100
105 97.4 74.8 114.8
106 94.3 71.5 111.5

Manual Integrations
APPROVED

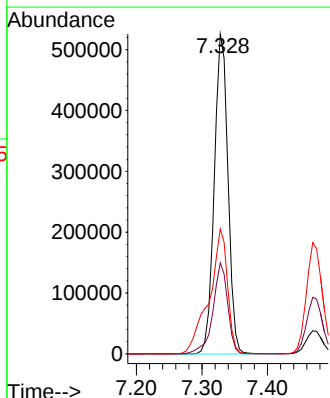
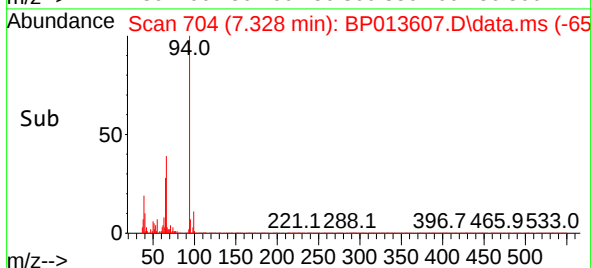
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

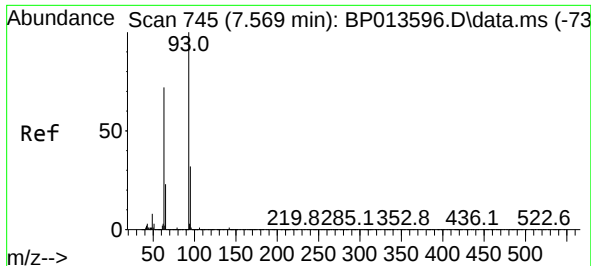


#10
Phenol
Concen: 50.482 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



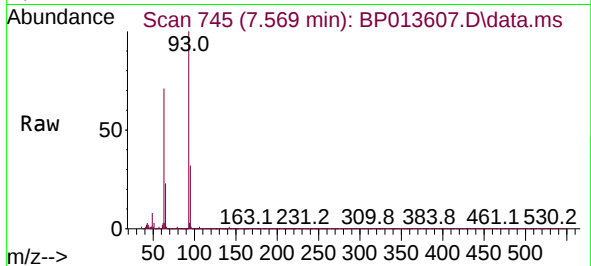
Tgt Ion: 94 Resp: 764592
Ion Ratio Lower Upper
94 100
65 28.4 8.7 48.7
66 39.1 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 46.765 ng
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

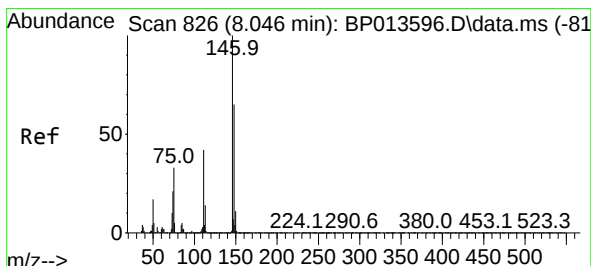
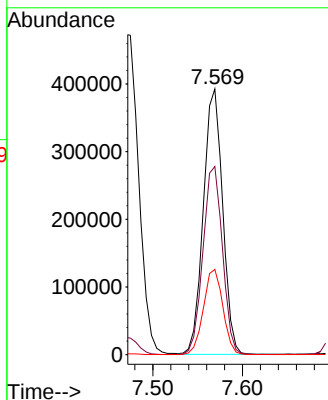
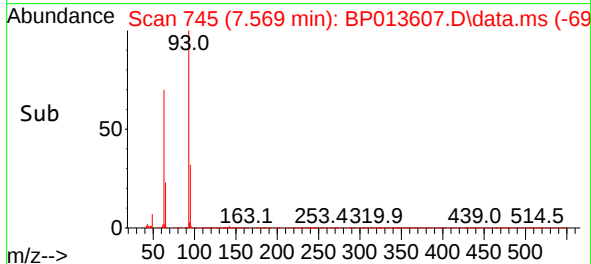
Instrument :
BNA_P
ClientSampleId :
PB150452BS



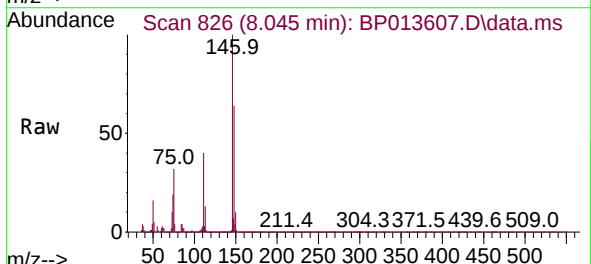
Tgt Ion: 93 Resp: 586558
Ion Ratio Lower Upper
93 100
63 70.8 52.1 92.1
95 32.1 11.9 51.9

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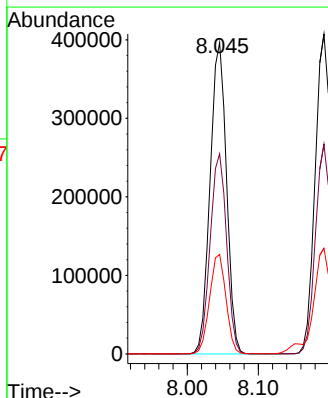
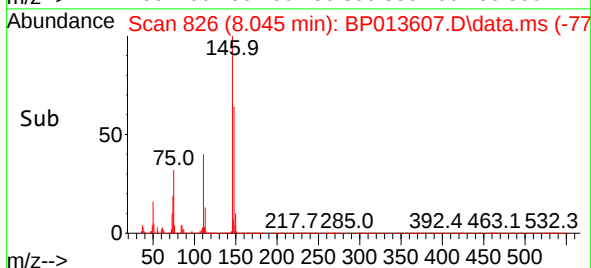
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

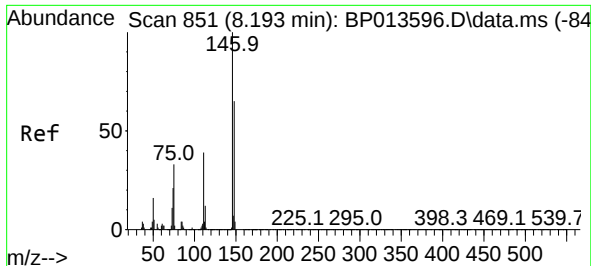


#12
1,3-Dichlorobenzene
Concen: 48.482 ng
RT: 8.045 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion:146 Resp: 635871
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
75 32.0 26.6 40.0





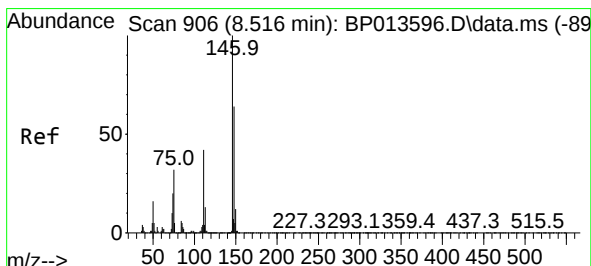
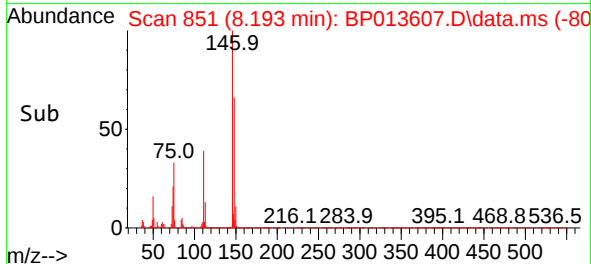
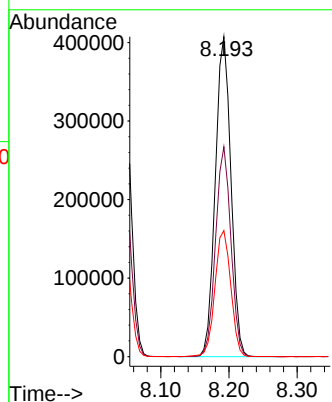
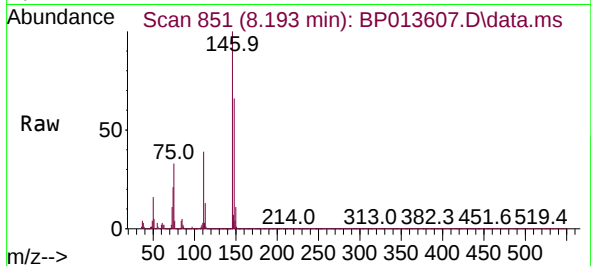
#13
1,4-Dichlorobenzene
Concen: 48.502 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion:146 Resp: 645066
Ion Ratio Lower Upper
146 100
148 65.6 52.0 78.0
111 39.4 31.5 47.3

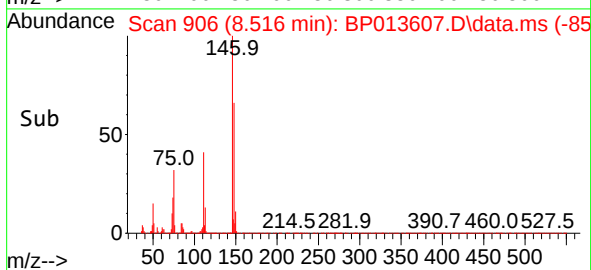
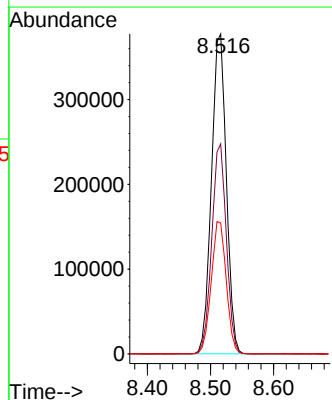
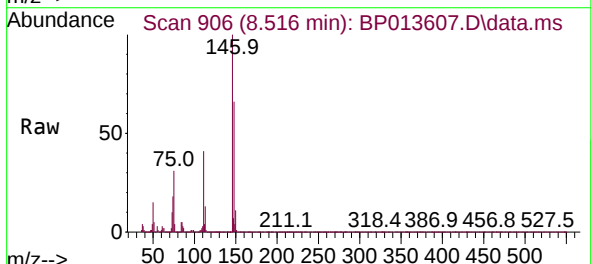
Manual Integrations
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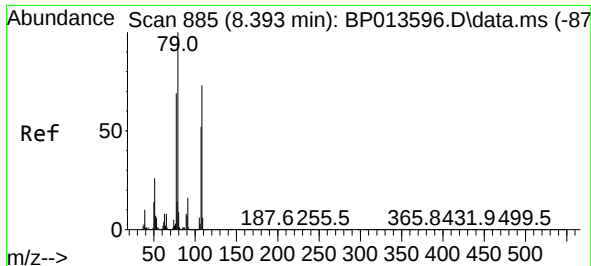
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#14
1,2-Dichlorobenzene
Concen: 49.323 ng
RT: 8.516 min Scan# 906
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:146 Resp: 617596
Ion Ratio Lower Upper
146 100
148 65.6 50.8 76.2
111 41.0 33.3 49.9





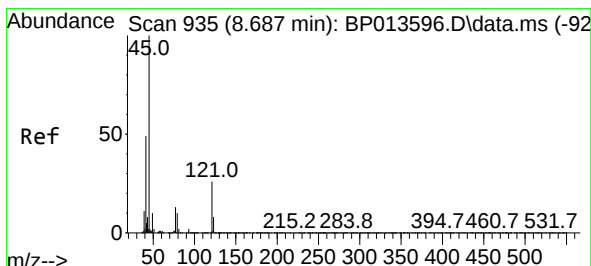
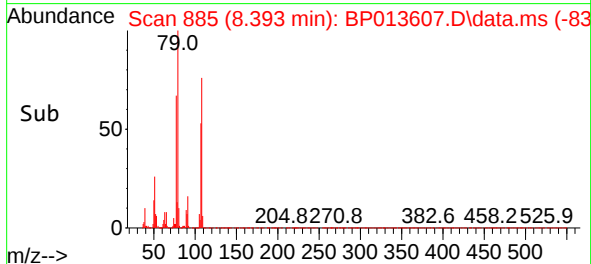
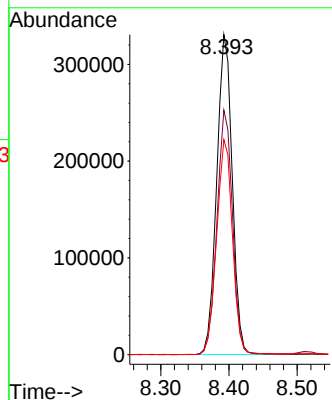
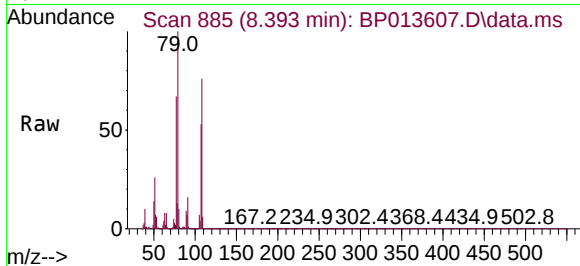
#15
Benzyl Alcohol
Concen: 46.422 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion: 79 Resp: 521208
Ion Ratio Lower Upper
79 100
108 76.4 58.4 87.6
77 67.2 55.0 82.6

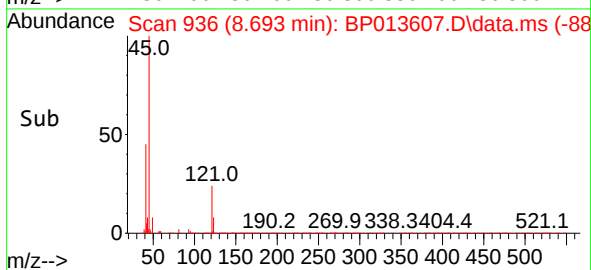
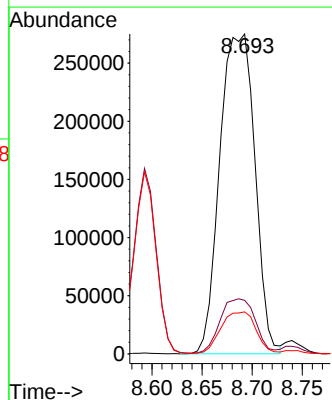
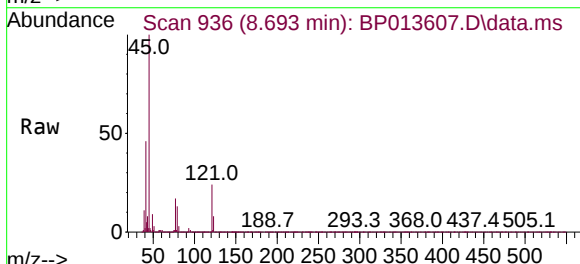
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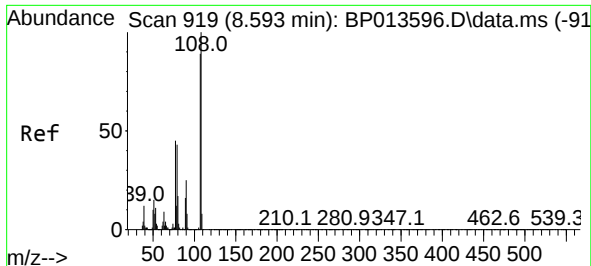
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.368 ng
RT: 8.693 min Scan# 936
Delta R.T. 0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

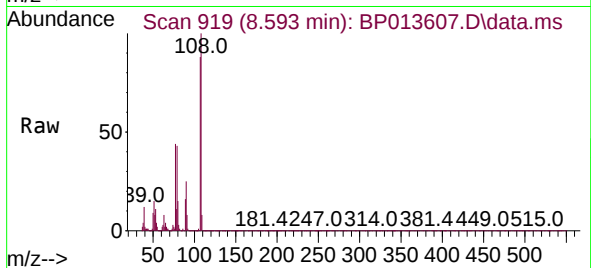
Tgt Ion: 45 Resp: 669505
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.2
79 13.1 0.0 33.7





#17
2-Methylphenol
Concen: 46.993 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

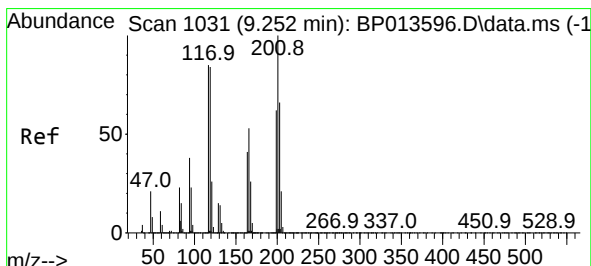
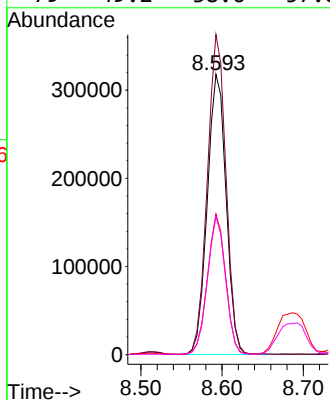
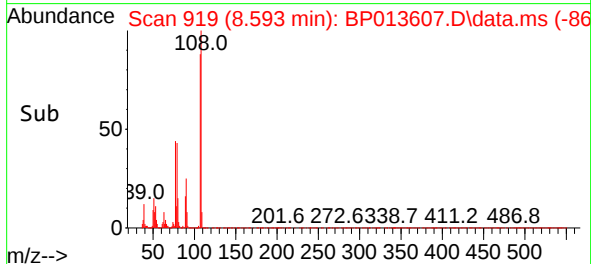
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:	107	Resp:	513603
Ion Ratio	Lower	Upper	
107	100		
108	114.2	89.6	134.4
77	50.2	40.4	60.6
79	49.2	38.6	57.8

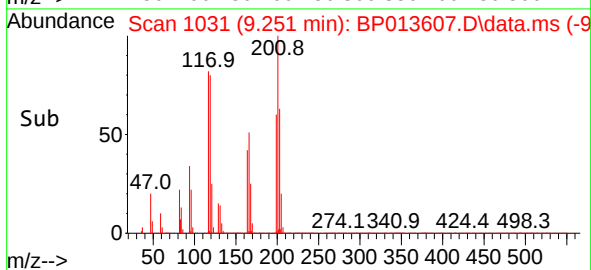
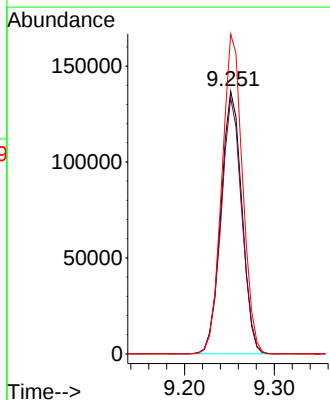
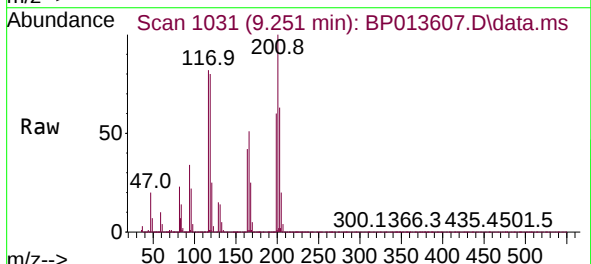
Manual Integrations
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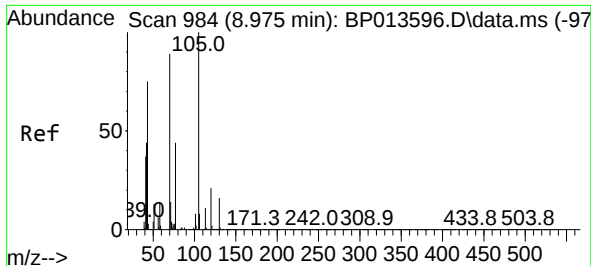
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#18
Hexachloroethane
Concen: 46.679 ng
RT: 9.251 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

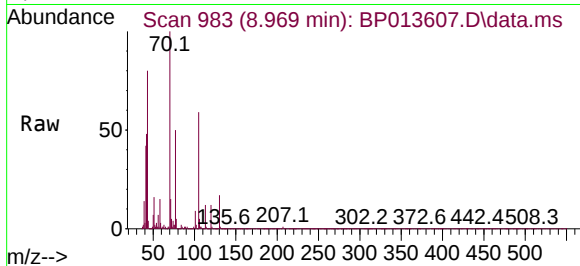
Tgt Ion:	117	Resp:	222410
Ion Ratio	Lower	Upper	
117	100		
119	97.5	78.6	118.0
201	121.8	94.0	141.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.082 ng
RT: 8.969 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

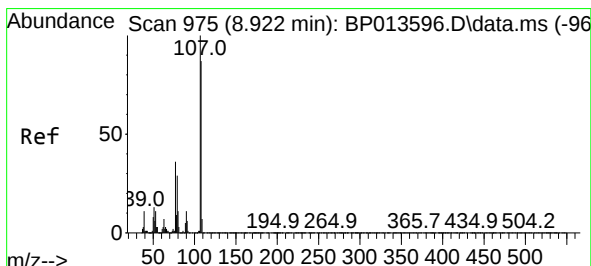
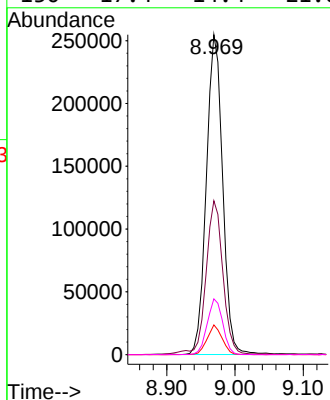
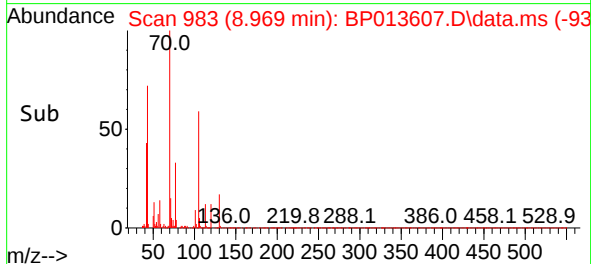
Instrument :
BNA_P
ClientSampleId :
PB150452BS



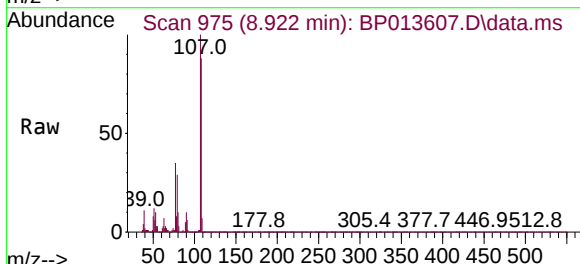
Tgt Ion: 70 Resp: 423612
Ion Ratio Lower Upper
70 100
42 48.1 40.1 60.1
101 9.3 7.0 10.4
130 17.4 14.4 21.6

Manual Integrations
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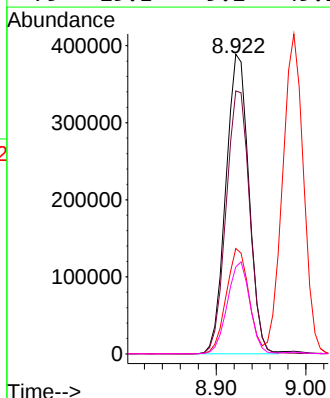
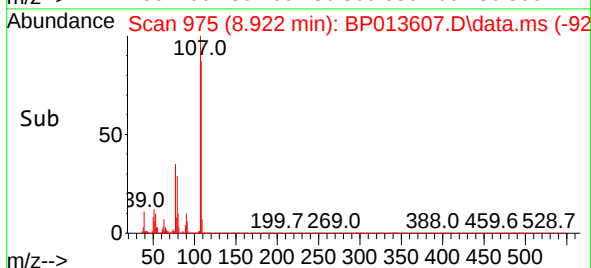
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

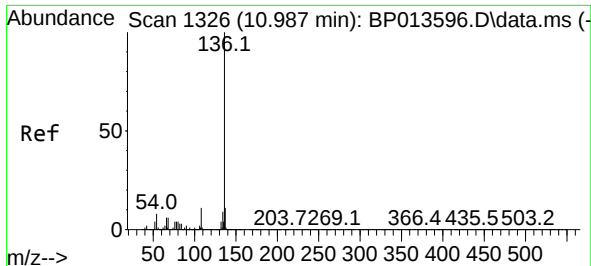


#20
3+4-Methylphenols
Concen: 46.566 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion:107 Resp: 697437
Ion Ratio Lower Upper
107 100
108 87.8 67.4 107.4
77 35.2 15.9 55.9
79 29.1 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.986 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

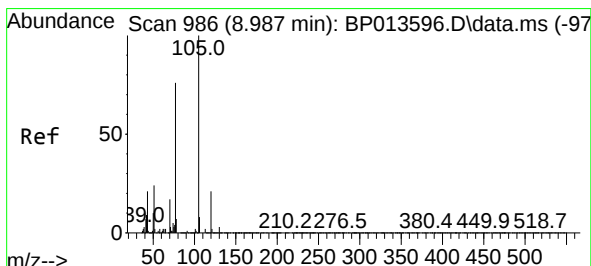
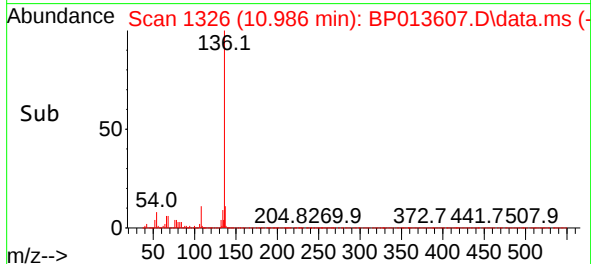
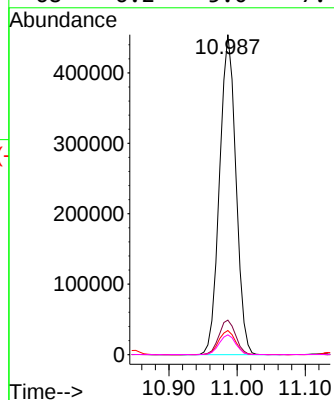
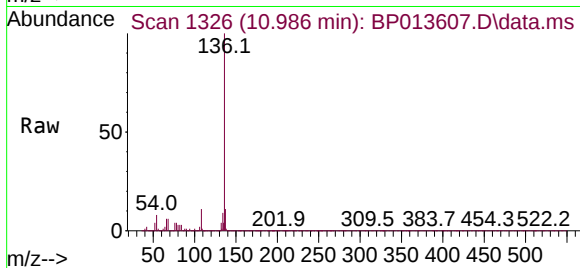
ClientSampleId :

PB150452BS

Tgt Ion:136 Resp: 75268
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 6.1 9.1
68 6.2 5.0 7.4

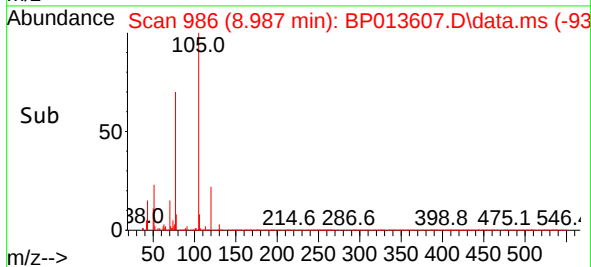
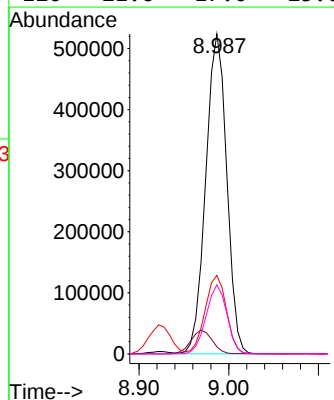
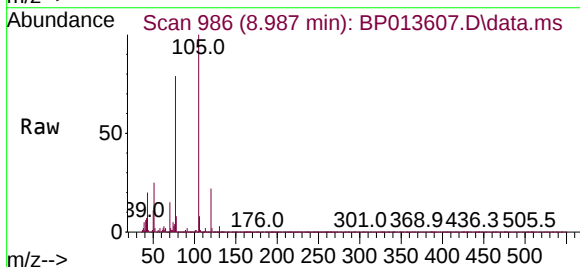
Manual Integrations
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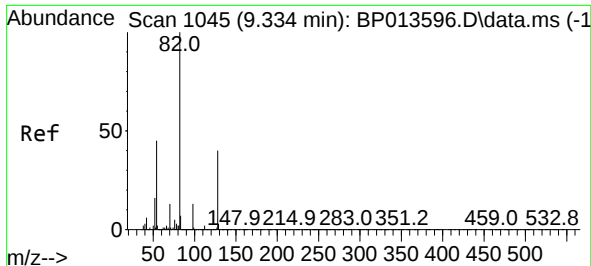
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#22
Acetophenone
Concen: 44.828 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

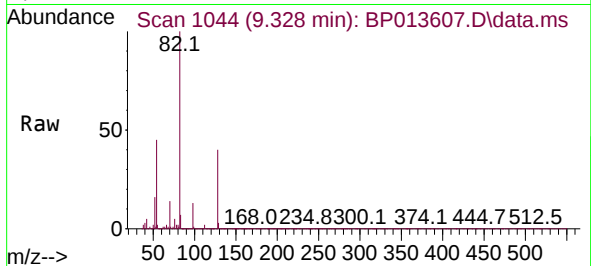
Tgt Ion:105 Resp: 851685
Ion Ratio Lower Upper
105 100
71 2.3 2.5 3.7#
51 24.5 20.6 31.0
120 21.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 88.687 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

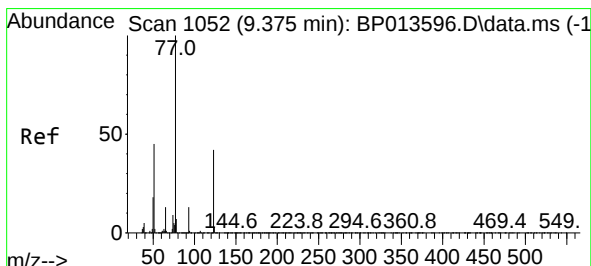
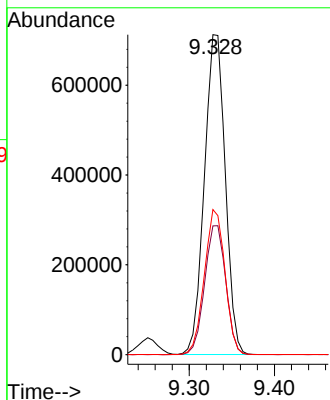
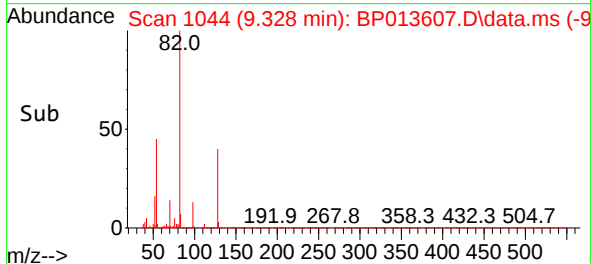
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion: 82 Resp: 1214854
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.8
54 45.3 36.2 54.2

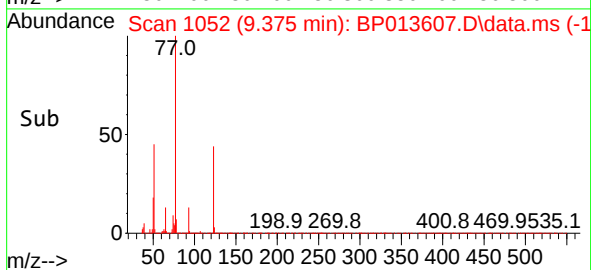
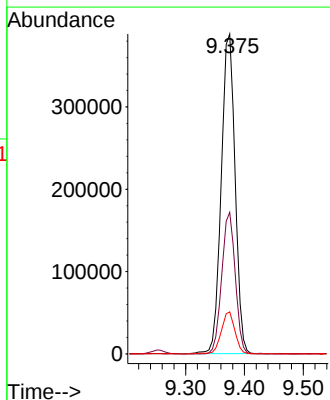
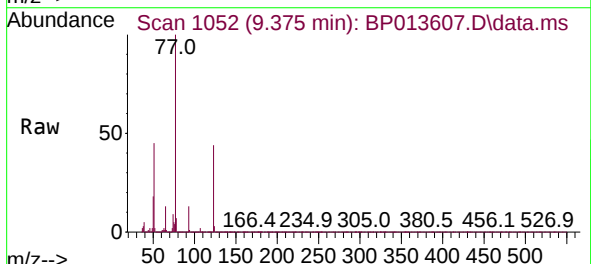
Manual Integrations
APPROVED

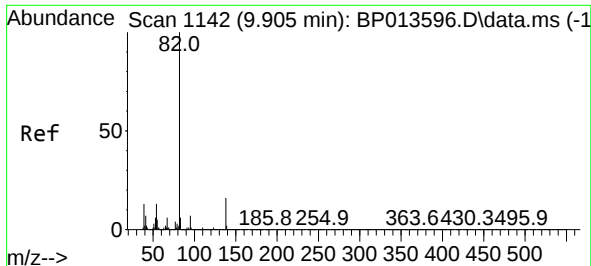
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#24
Nitrobenzene
Concen: 44.371 ng
RT: 9.375 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion: 77 Resp: 636114
Ion Ratio Lower Upper
77 100
123 44.2 33.9 50.9
65 13.1 10.2 15.4





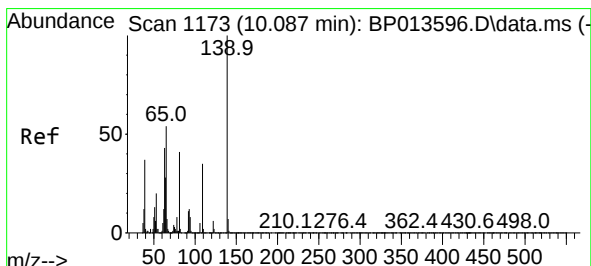
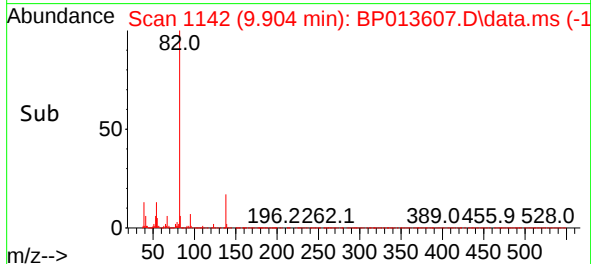
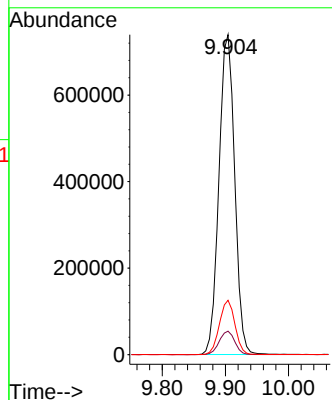
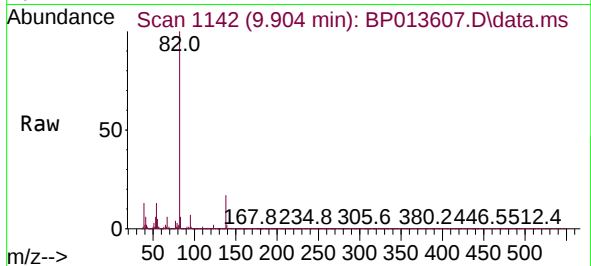
#25
Isophorone
Concen: 42.716 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion: 82 Resp: 1281733
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.0 13.0 19.6

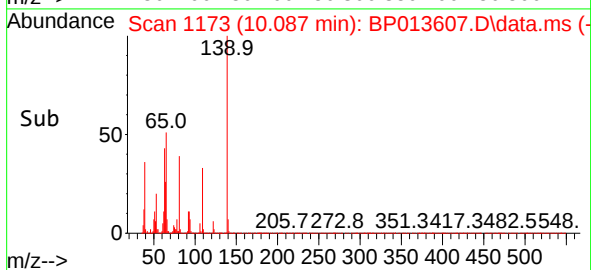
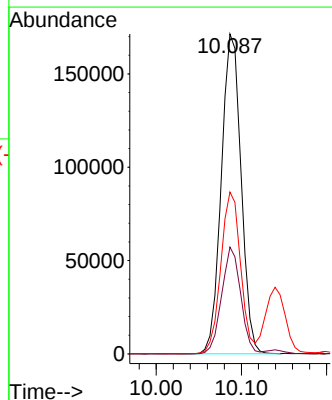
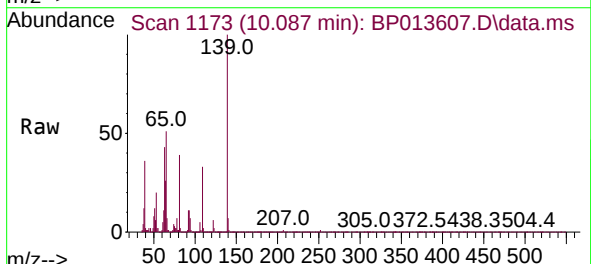
Manual Integrations
APPROVED

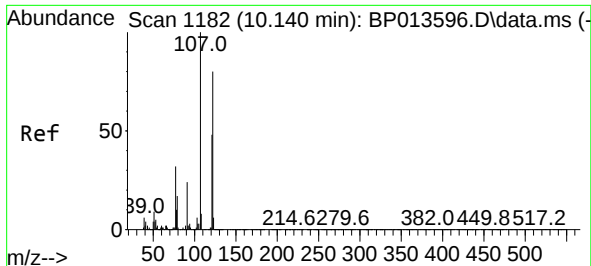
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#26
2-Nitrophenol
Concen: 44.826 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

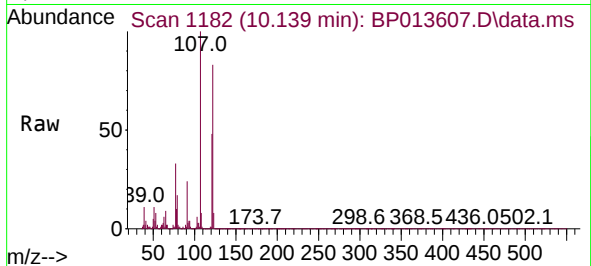
Tgt Ion:139 Resp: 276062
Ion Ratio Lower Upper
139 100
109 33.4 27.8 41.8
65 50.6 43.1 64.7





#27
2,4-Dimethylphenol
Concen: 48.214 ng
RT: 10.139 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

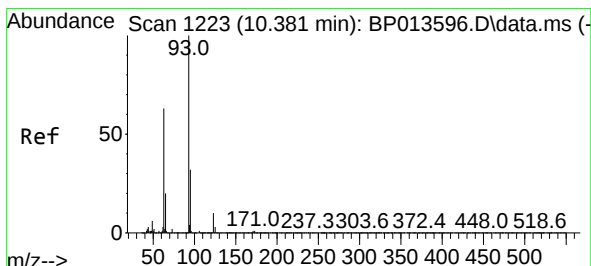
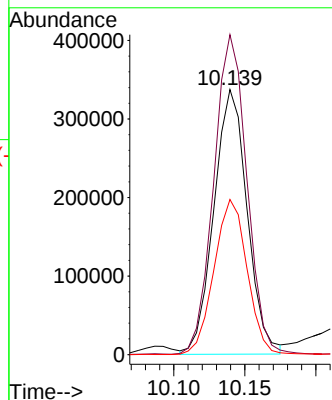
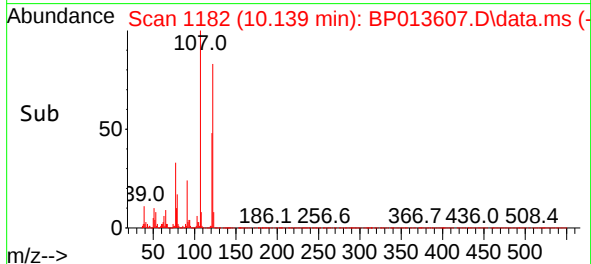
Instrument :
BNA_P
ClientSampleId :
PB150452BS



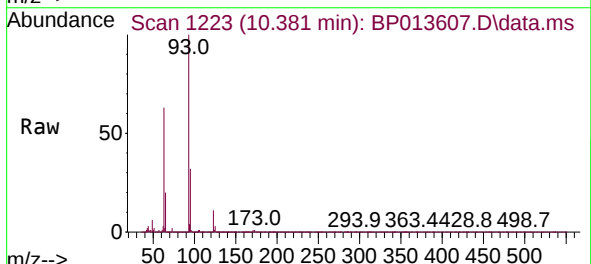
Tgt Ion:122 Resp: 549652
Ion Ratio Lower Upper
122 100
107 120.7 99.2 148.8
121 58.5 48.0 72.0

Manual Integrations
APPROVED

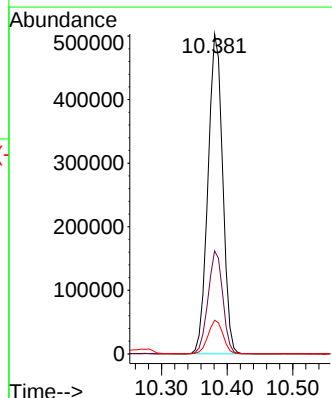
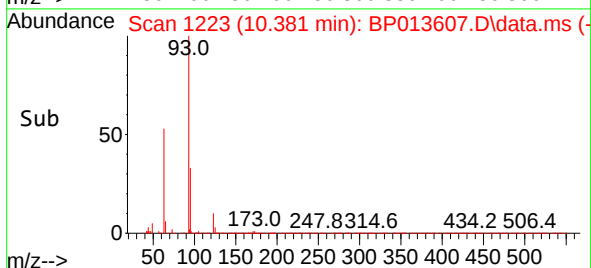
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

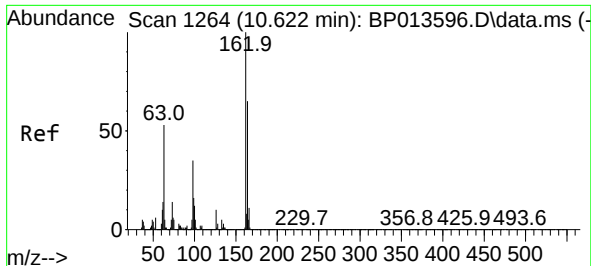


#28
bis(2-Chloroethoxy)methane
Concen: 45.629 ng
RT: 10.381 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion: 93 Resp: 778980
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.007 ng

RT: 10.622 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:162 Resp: 615889

Ion Ratio Lower Upper

162 100

164 64.6 45.3 85.3

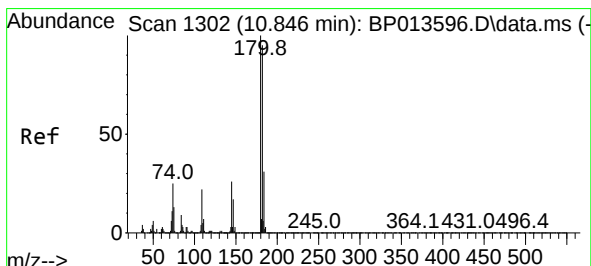
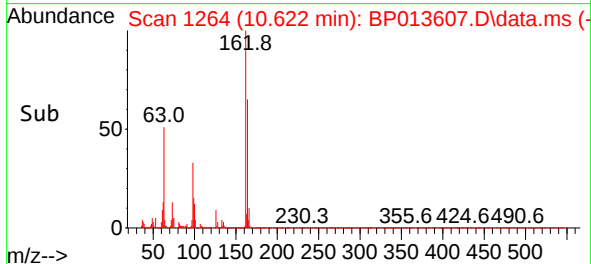
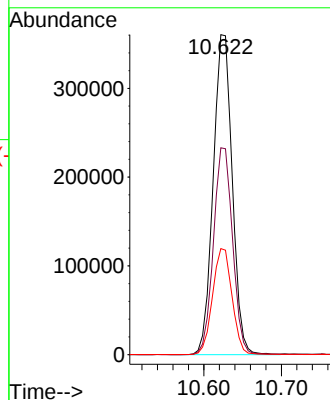
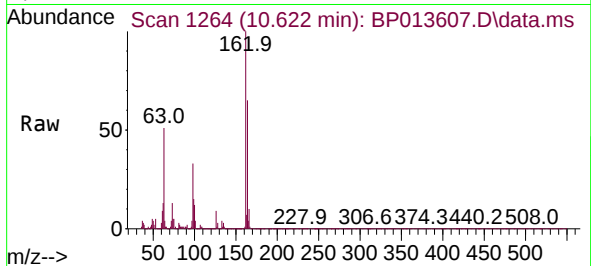
98 33.1 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.302 ng

RT: 10.845 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

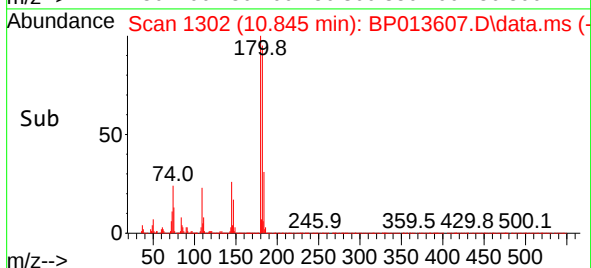
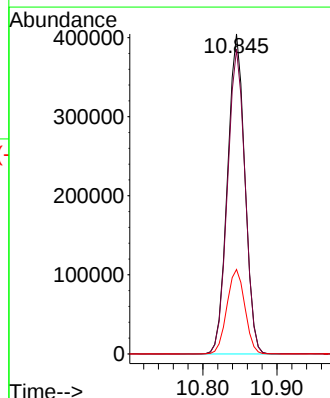
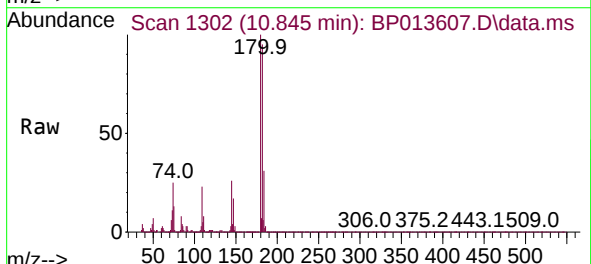
Tgt Ion:180 Resp: 658591

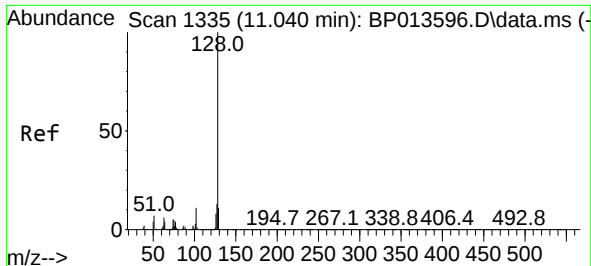
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

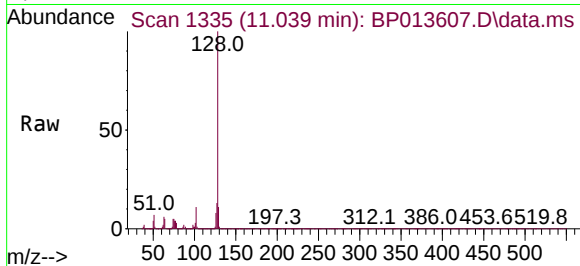
145 26.4 21.1 31.7





#31
Naphthalene
Concen: 44.603 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

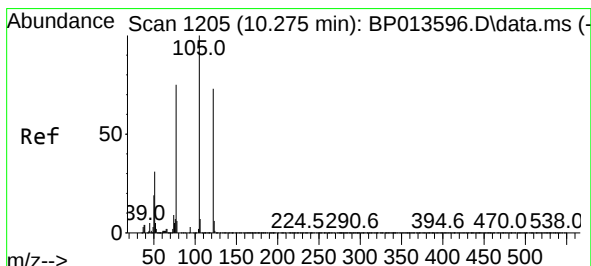
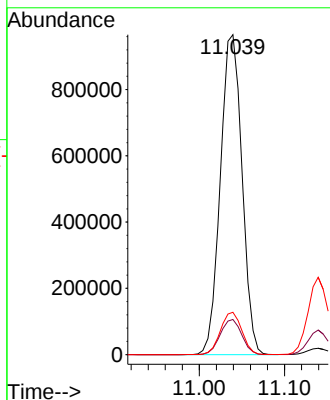
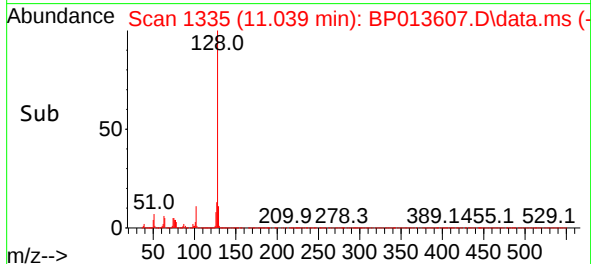
Instrument :
BNA_P
ClientSampleId :
PB150452BS



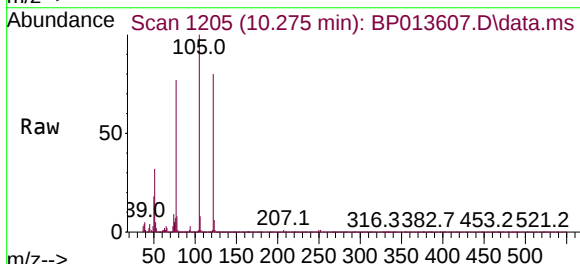
Tgt Ion:128 Resp: 1705948
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6

Manual Integrations
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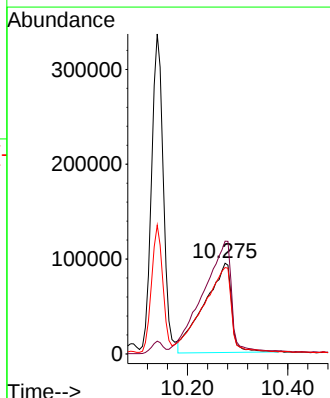
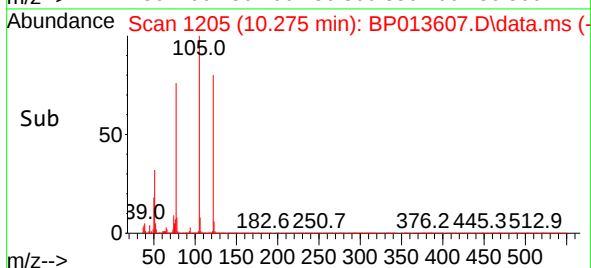
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

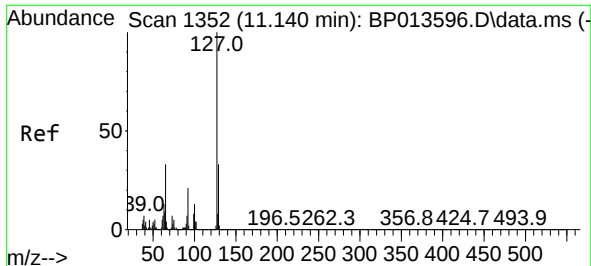


#32
Benzoic acid
Concen: 43.364 ng
RT: 10.275 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion:122 Resp: 360384
Ion Ratio Lower Upper
122 100
105 124.4 110.7 150.7
77 95.2 81.1 121.1





#33
4-Chloroaniline
Concen: 23.652 ng
RT: 11.139 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

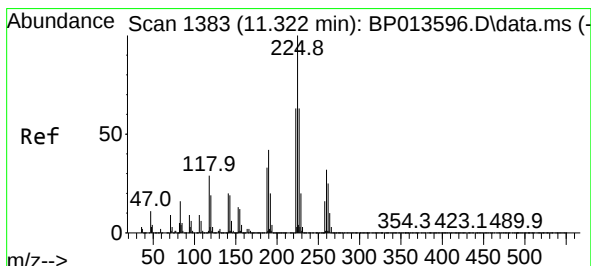
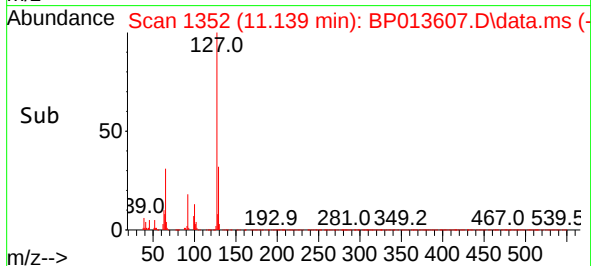
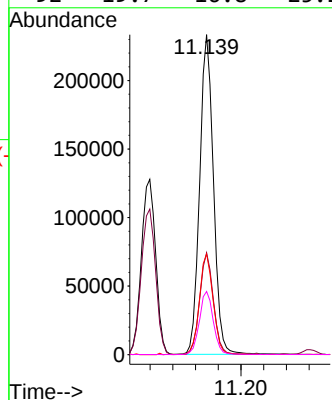
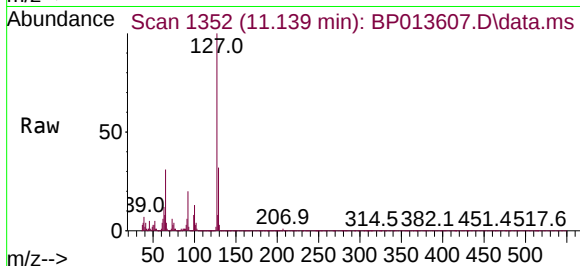
PB150452BS

Tgt Ion:	127	Resp:	392725
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	31.5	26.3	39.5
92	19.7	16.8	25.2

Manual Integrations

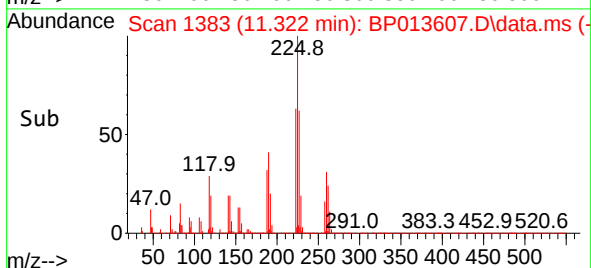
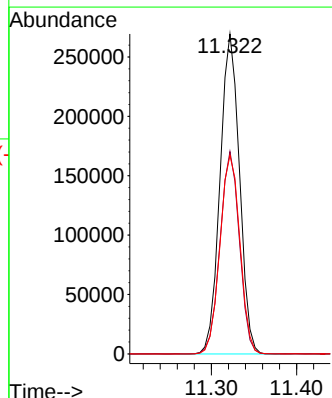
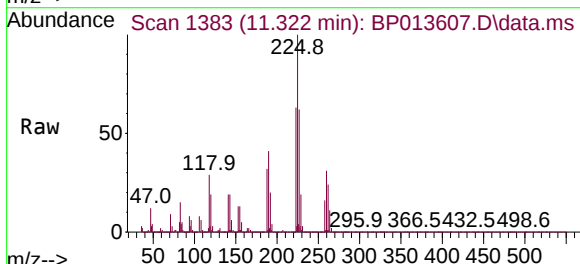
APPROVED

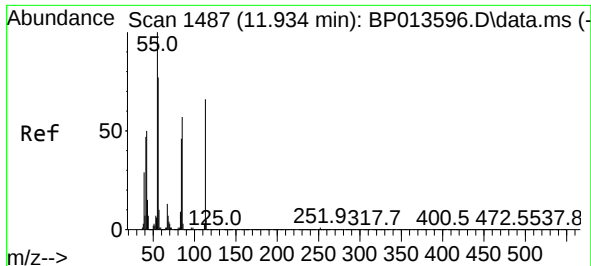
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#34
Hexachlorobutadiene
Concen: 44.533 ng
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

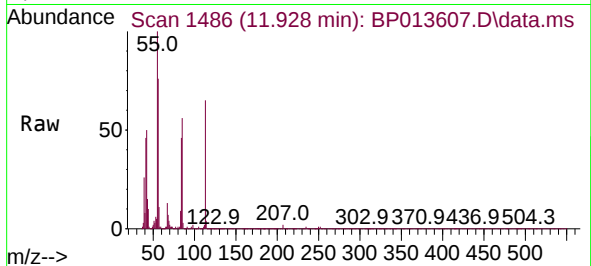
Tgt Ion:	225	Resp:	425886
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	62.0	50.5	75.7





#35
Caprolactam
Concen: 46.179 ng m
RT: 11.928 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

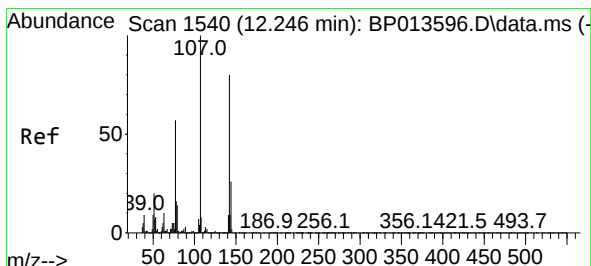
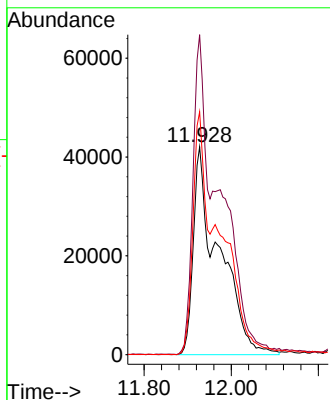
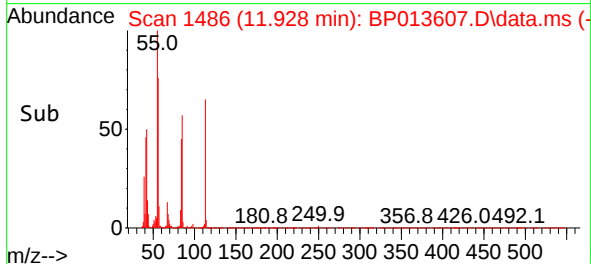
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:113 Resp: 169870
Ion Ratio Lower Upper
113 100
55 154.1 131.6 171.6
56 116.9 97.2 137.2

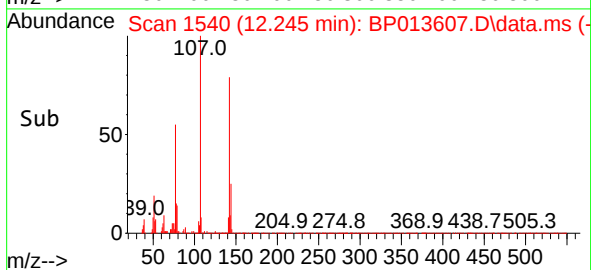
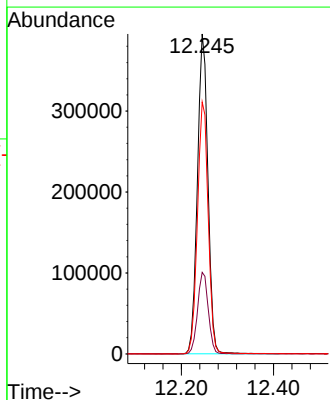
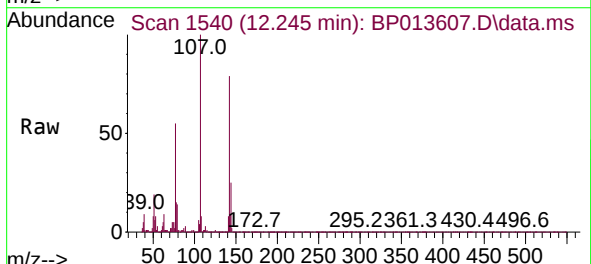
Manual Integrations
APPROVED

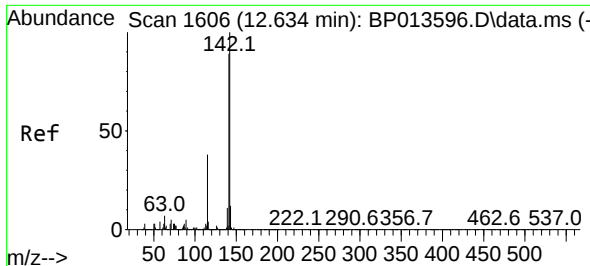
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#36
4-Chloro-3-methylphenol
Concen: 45.932 ng
RT: 12.245 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:107 Resp: 624696
Ion Ratio Lower Upper
107 100
144 25.5 20.9 31.3
142 78.7 64.2 96.4





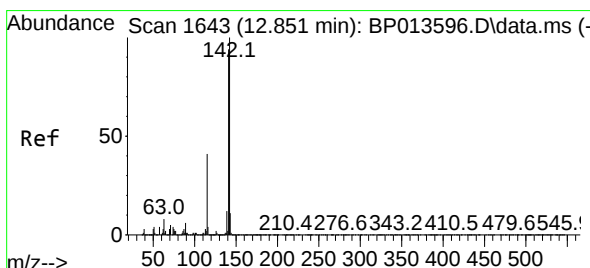
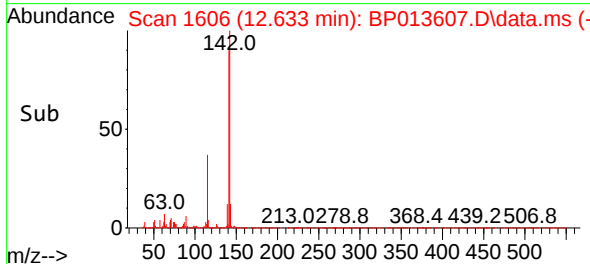
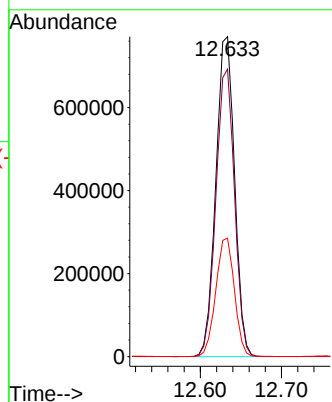
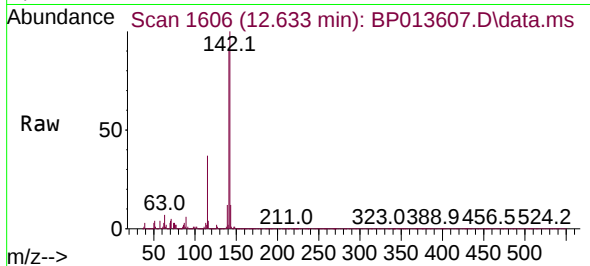
#37
2-Methylnaphthalene
Concen: 42.211 ng
RT: 12.633 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion:142 Resp: 1233864
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 37.0 30.6 46.0

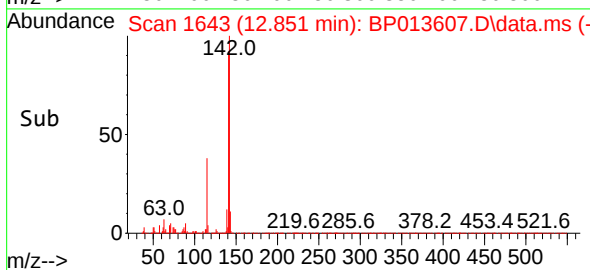
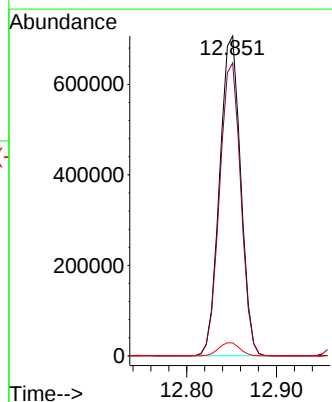
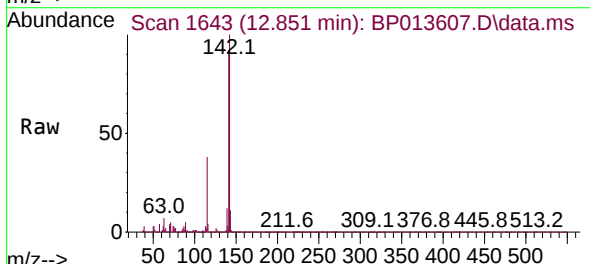
Manual Integrations
APPROVED

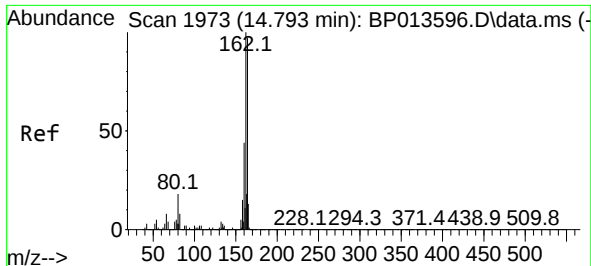
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#38
1-Methylnaphthalene
Concen: 42.158 ng
RT: 12.851 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:142 Resp: 1153387
Ion Ratio Lower Upper
142 100
141 91.5 75.5 113.3
116 4.1 3.3 4.9





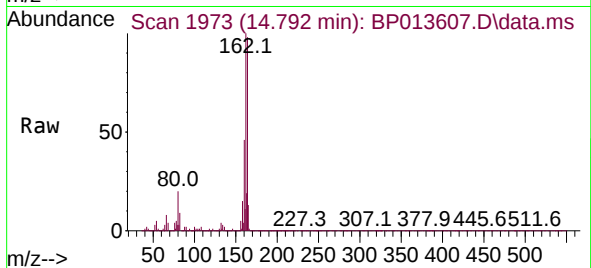
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

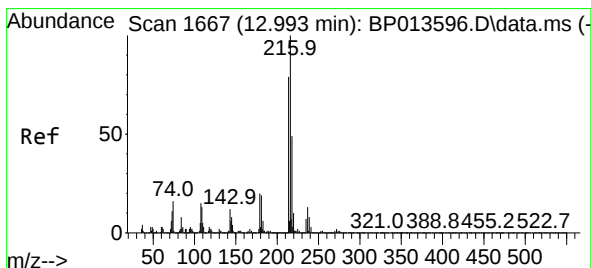
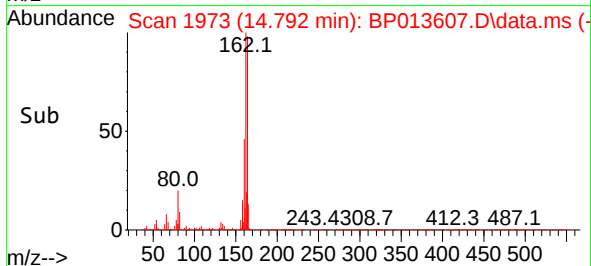
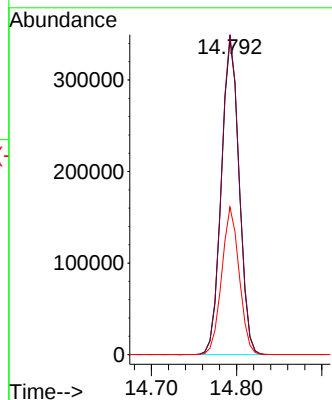


Tgt Ion:164 Resp: 498732
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 46.9 36.6 54.8

Manual Integrations

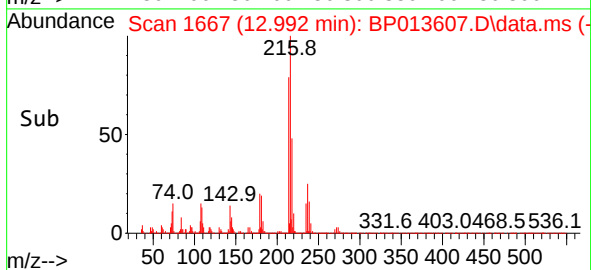
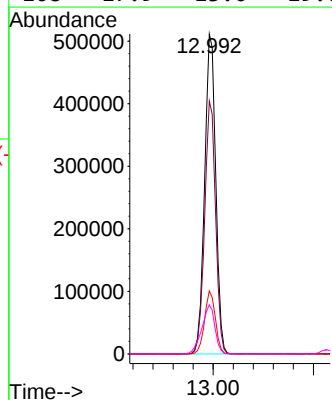
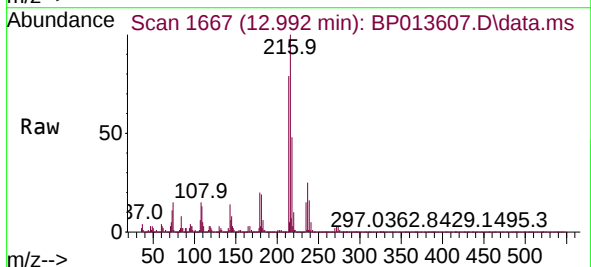
APPROVED

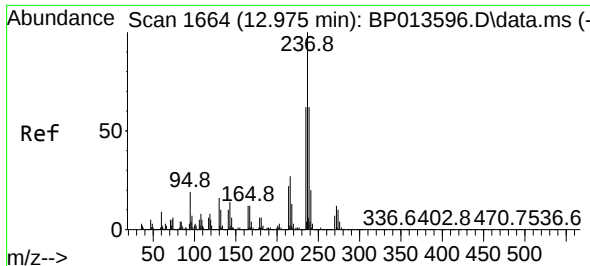
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.075 ng
RT: 12.992 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

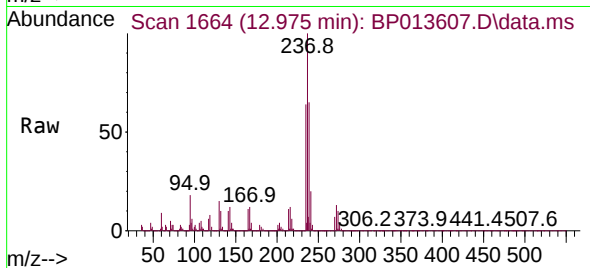
Tgt Ion:216 Resp: 783190
Ion Ratio Lower Upper
216 100
214 78.3 62.4 93.6
179 19.2 15.4 23.0
108 17.9 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 105.418 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

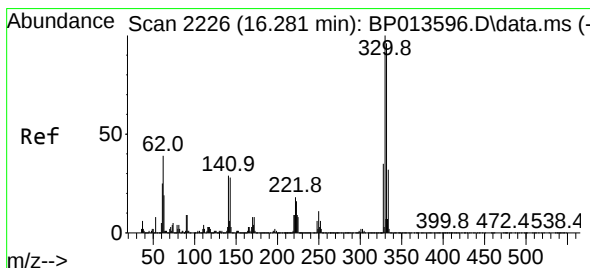
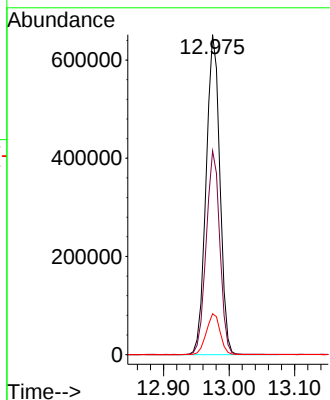
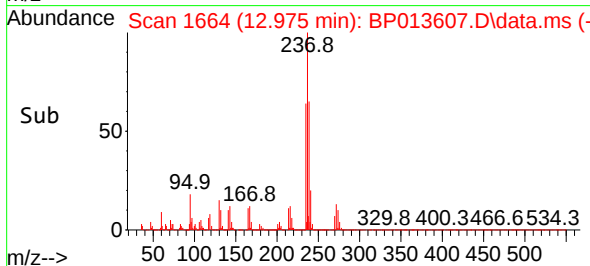
Instrument :
BNA_P
ClientSampleId :
PB150452BS



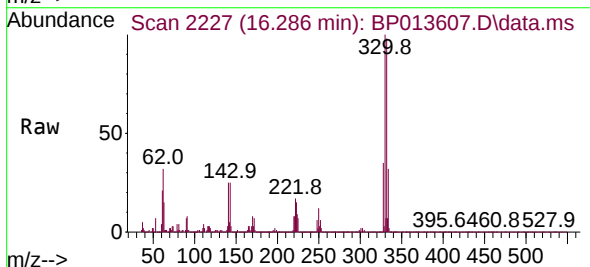
Tgt Ion: 237 Resp: 946328
Ion Ratio Lower Upper
237 100
235 63.7 41.9 81.9
272 12.8 0.0 32.4

Manual Integrations
APPROVED

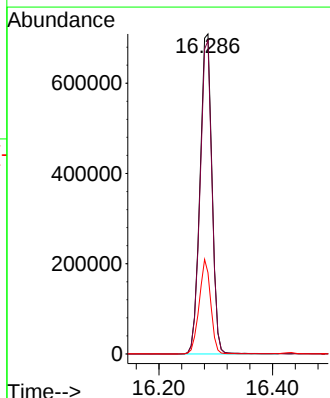
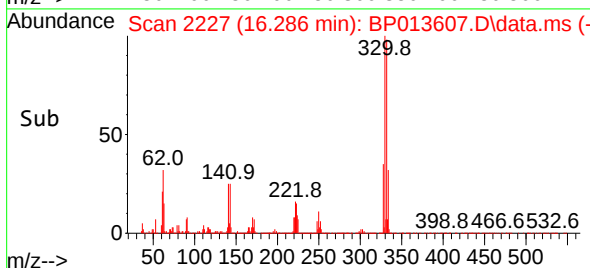
Reviewed By : Christian Giraldo 01/27/2023
Supervised By : Jagrut Upadhyay 01/27/2023

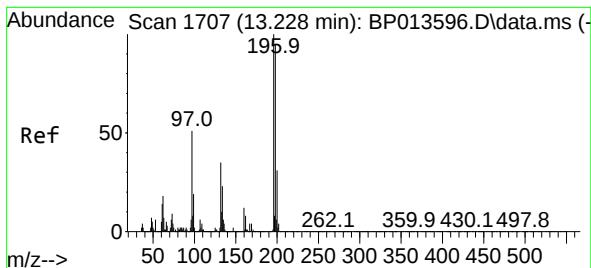


#42
2,4,6-Tribromophenol
Concen: 136.290 ng
RT: 16.286 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion: 330 Resp: 1034869
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 28.3 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 46.625 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

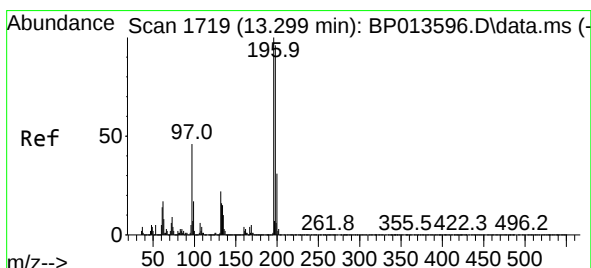
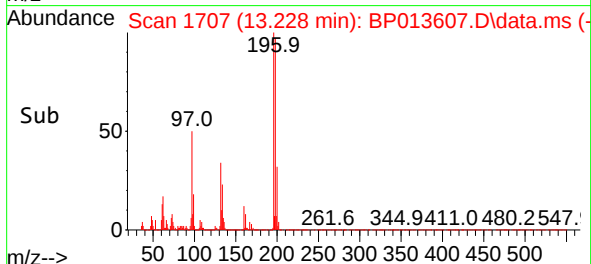
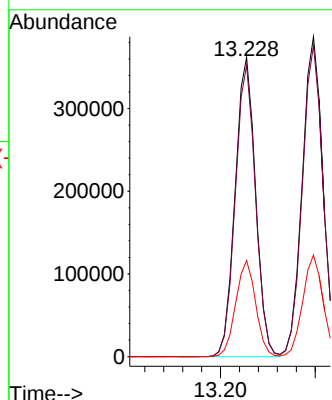
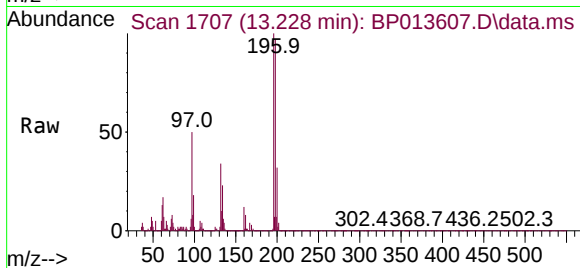
Tgt Ion:196	Resp: 542054
Ion Ratio	Lower Upper
196	100
198	97.3 76.2 114.4
200	32.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#44

2,4,5-Trichlorophenol

Concen: 43.148 ng

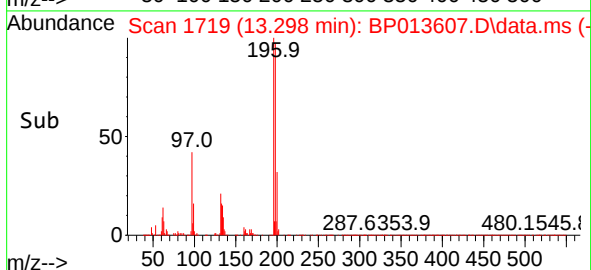
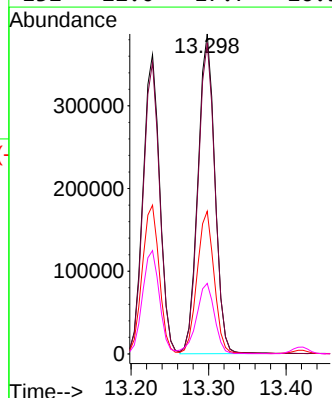
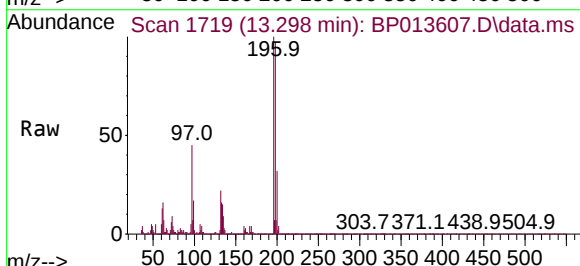
RT: 13.298 min Scan# 1719

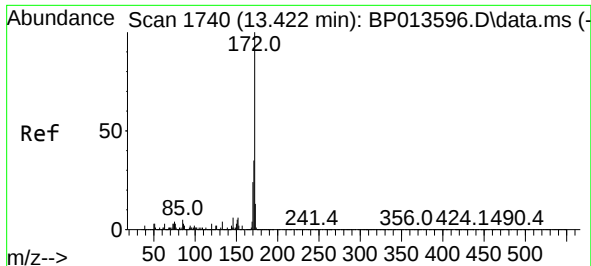
Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Tgt Ion:196	Resp: 586637
Ion Ratio	Lower Upper
196	100
198	97.2 76.9 115.3
97	44.6 36.8 55.2
132	22.0 17.7 26.5





#45
2-Fluorobiphenyl
Concen: 88.927 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

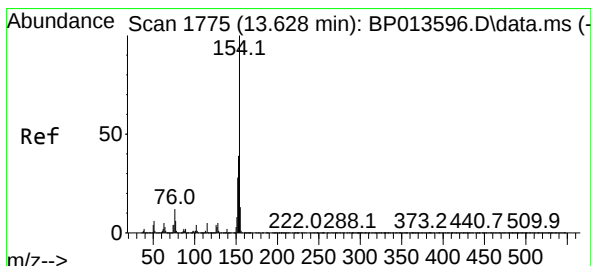
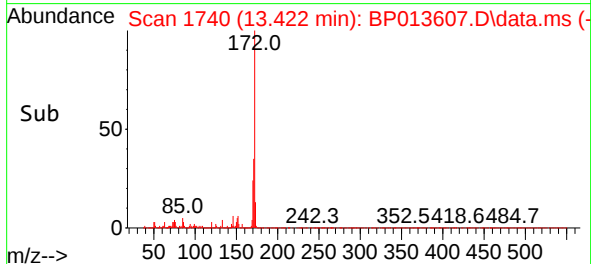
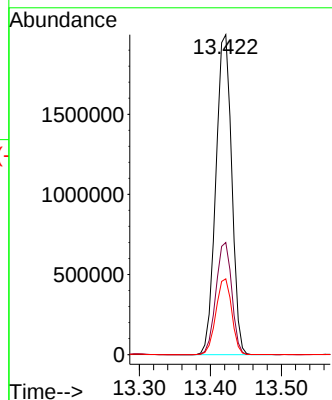
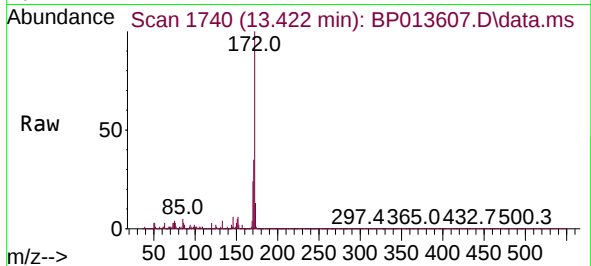
ClientSampleId :

PB150452BS

Tgt Ion:172 Resp: 310532
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.7 19.1 28.7

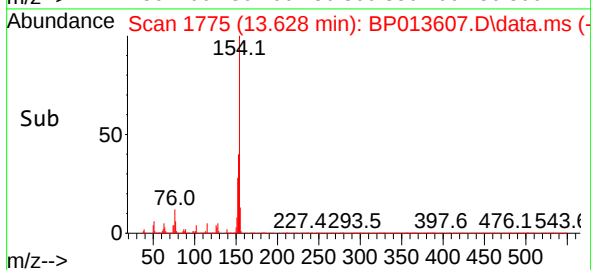
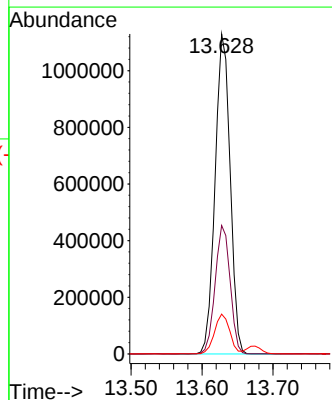
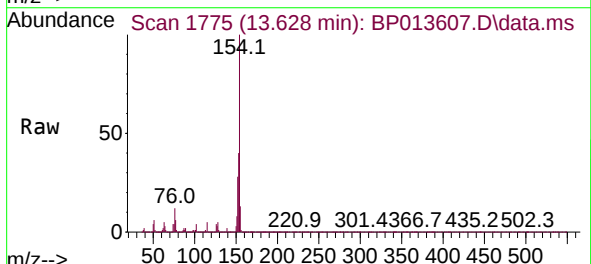
Manual Integrations
APPROVED

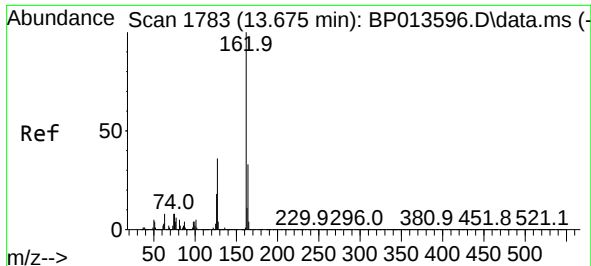
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#46
1,1'-Biphenyl
Concen: 44.784 ng
RT: 13.628 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:154 Resp: 1664377
Ion Ratio Lower Upper
154 100
153 40.1 18.9 58.9
76 12.4 0.0 32.1





#47
2-Chloronaphthalene
Concen: 45.355 ng
RT: 13.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

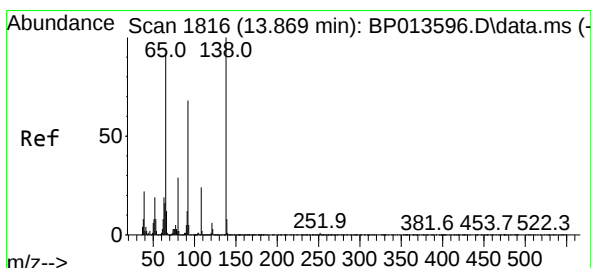
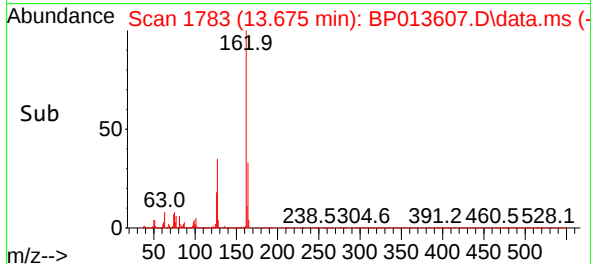
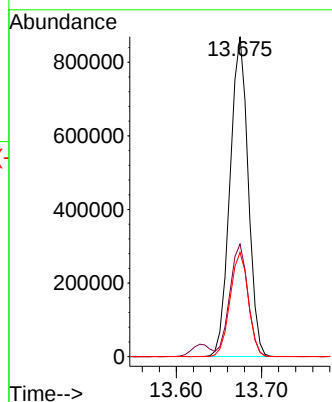
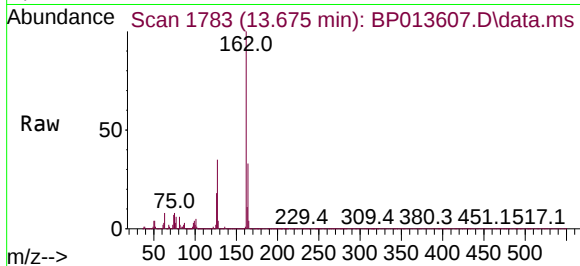
PB150452BS

Tgt Ion:162 Resp: 128636
Ion Ratio Lower Upper
162 100
127 35.2 29.0 43.6
164 32.5 26.3 39.5

Manual Integrations

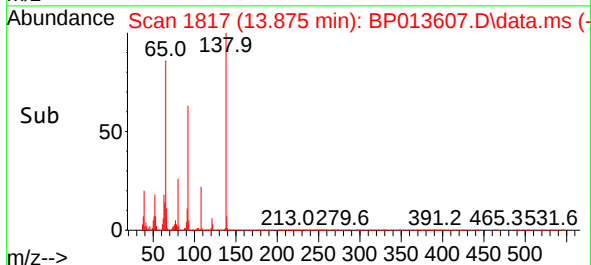
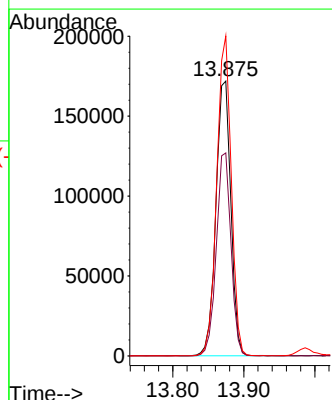
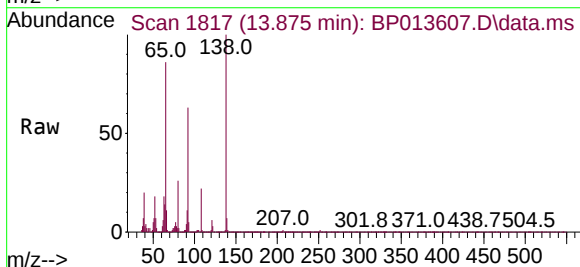
APPROVED

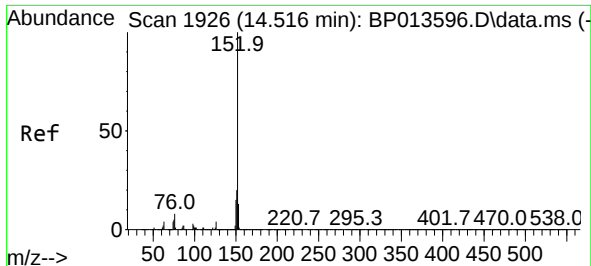
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#48
2-Nitroaniline
Concen: 37.813 ng
RT: 13.875 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

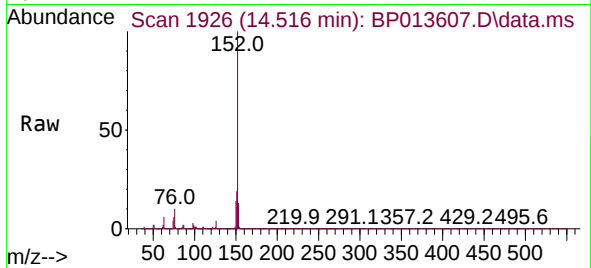
Tgt Ion: 65 Resp: 251124
Ion Ratio Lower Upper
65 100
92 73.8 59.5 89.3
138 116.4 87.1 130.7





#49
Acenaphthylene
Concen: 44.054 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

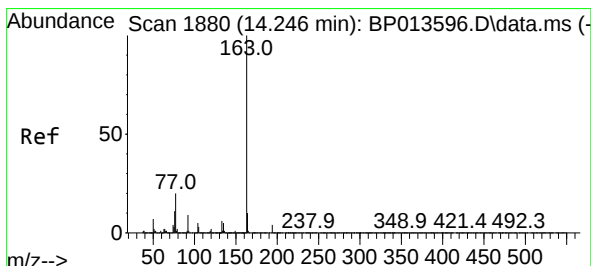
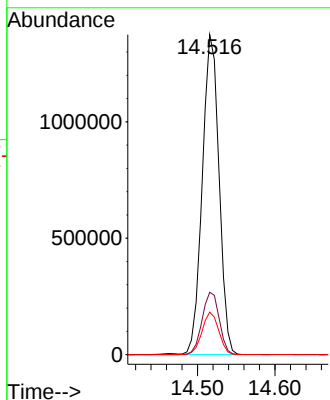
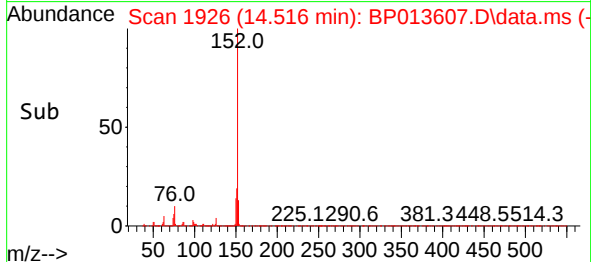
Instrument :
BNA_P
ClientSampleId :
PB150452BS



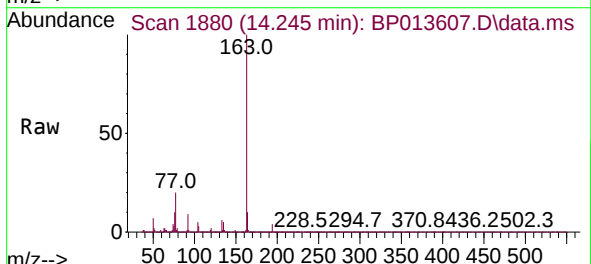
Tgt Ion:152 Resp: 2060910
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.3 10.6 16.0

Manual Integrations
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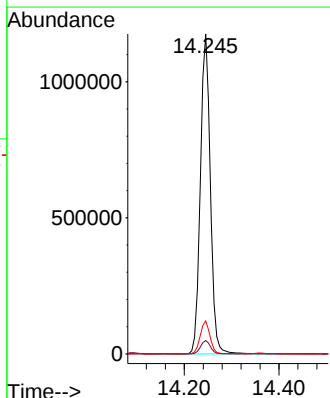
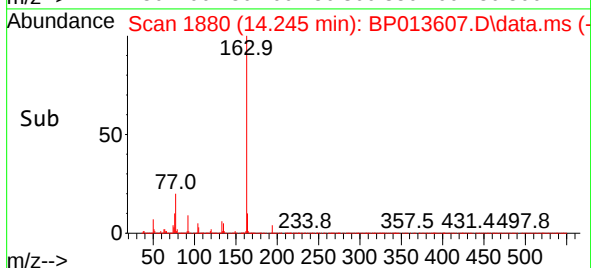
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

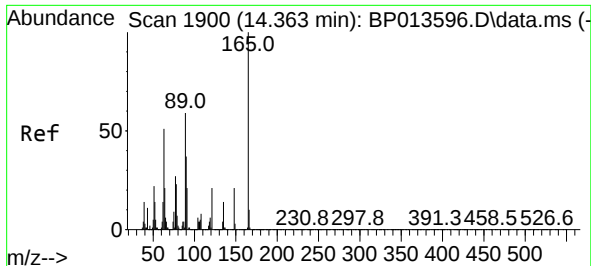


#50
Dimethylphthalate
Concen: 44.227 ng
RT: 14.245 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



Tgt Ion:163 Resp: 1713286
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.880 ng
RT: 14.363 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

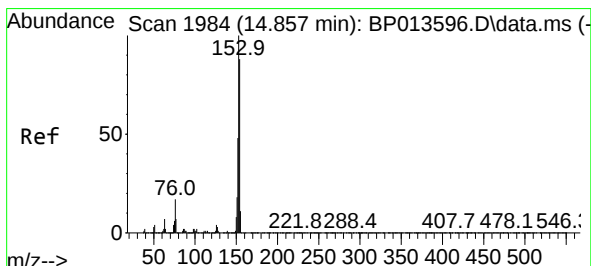
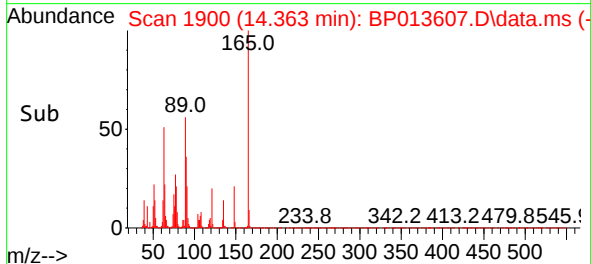
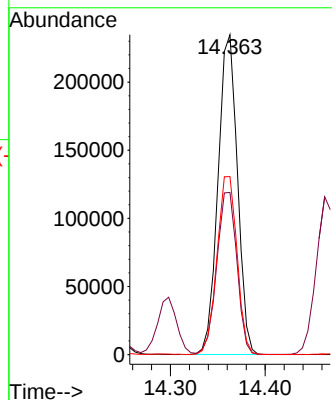
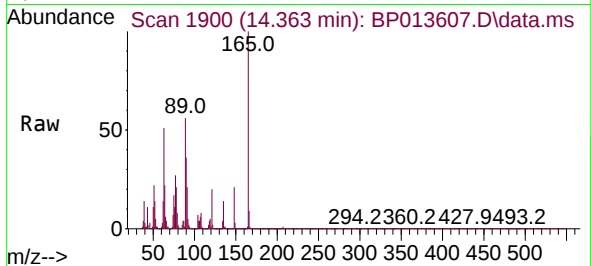
ClientSampleId :

PB150452BS

Tgt Ion:165 Resp: 334044
Ion Ratio Lower Upper
165 100
63 50.7 42.4 63.6
89 55.6 47.0 70.4

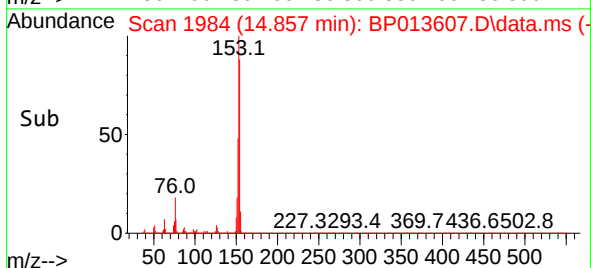
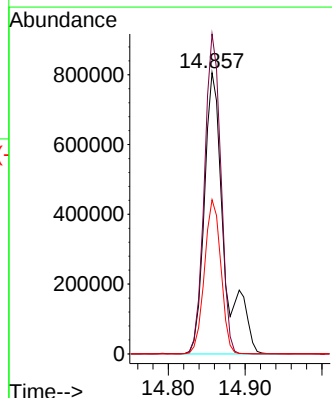
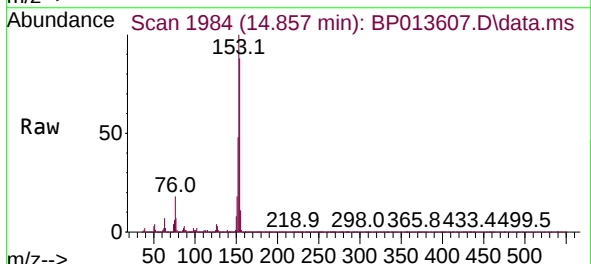
Manual Integrations
APPROVED

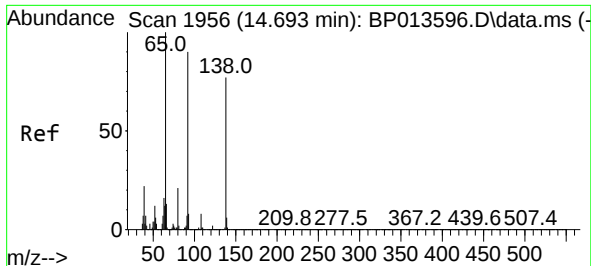
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#52
Acenaphthene
Concen: 48.346 ng m
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

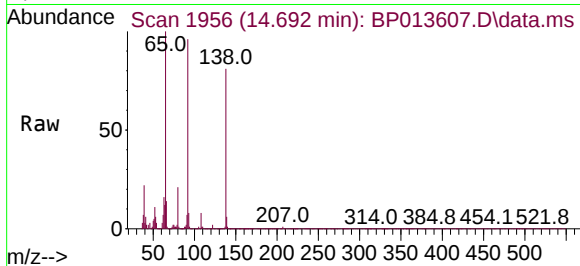
Tgt Ion:154 Resp: 1447522
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.6
152 54.9 44.0 66.0





#53
3-Nitroaniline
Concen: 34.083 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

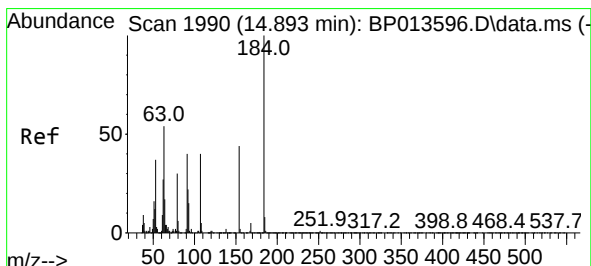
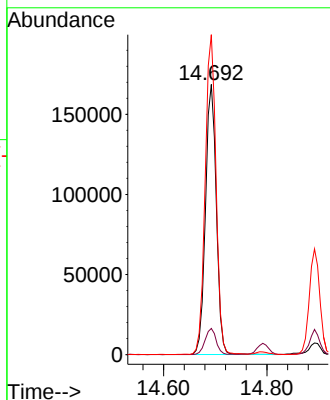
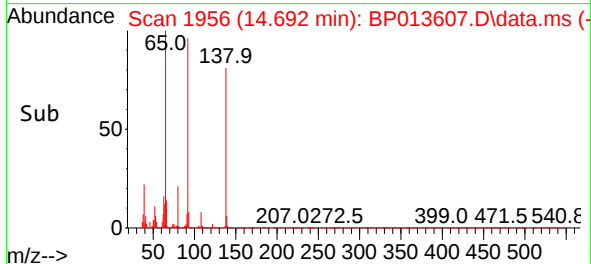
Instrument :
BNA_P
ClientSampleId :
PB150452BS



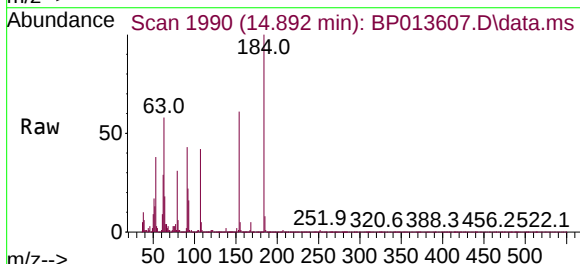
Tgt Ion:138 Resp: 245036
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 118.4 93.7 140.5

Manual Integrations
APPROVED

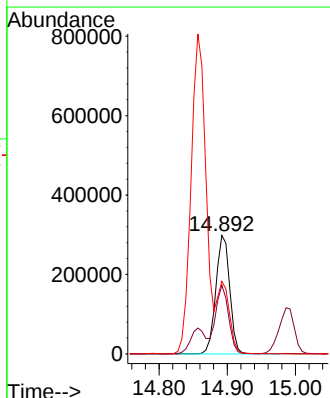
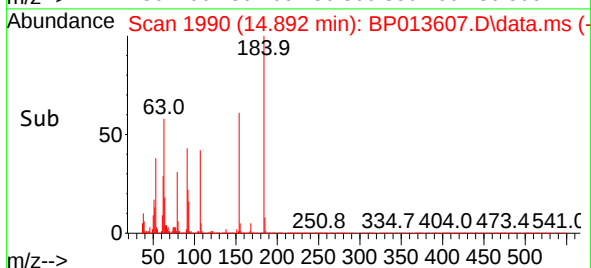
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

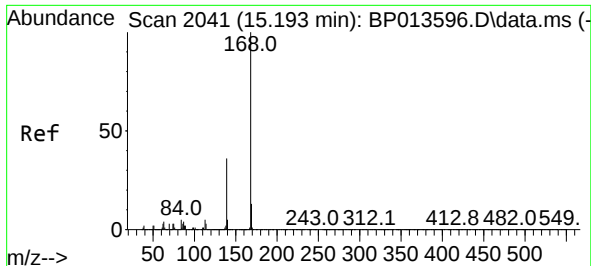


#54
2,4-Dinitrophenol
Concen: 88.311 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



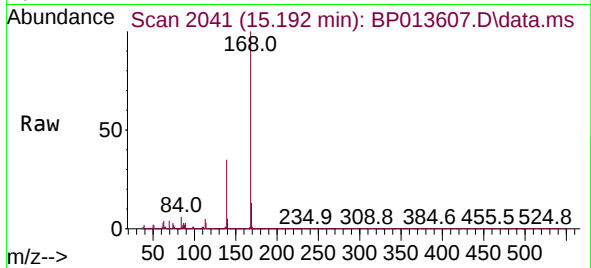
Tgt Ion:184 Resp: 420375
Ion Ratio Lower Upper
184 100
63 58.0 44.4 66.6
154 61.3 49.0 73.6





#55
Dibenzofuran
Concen: 43.182 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

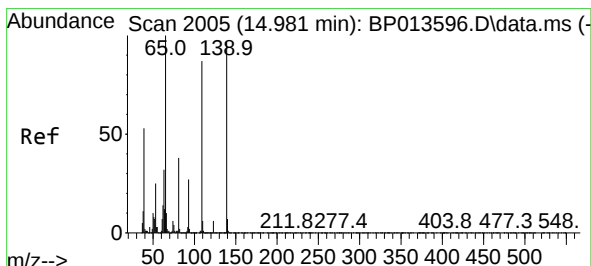
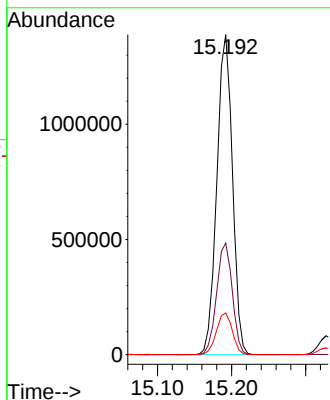
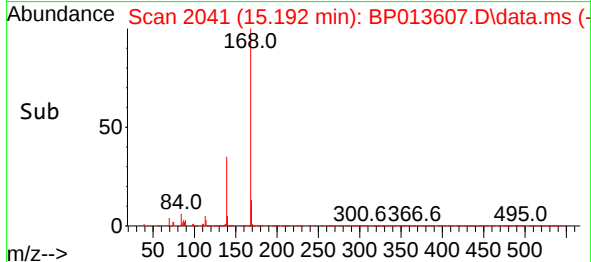
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:168 Resp: 2024901
Ion Ratio Lower Upper
168 100
139 34.9 29.0 43.4
169 13.0 10.6 15.8

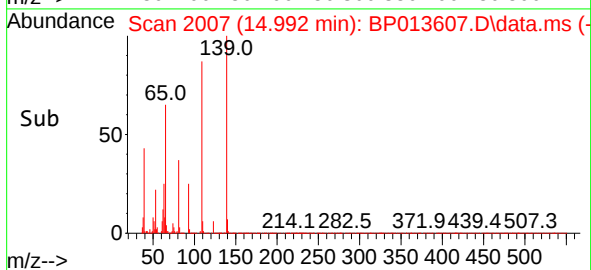
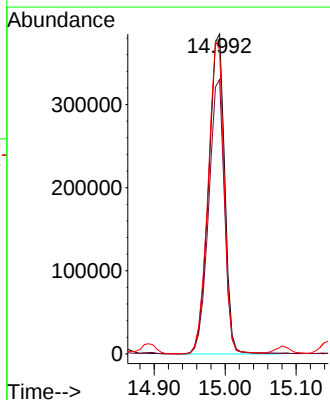
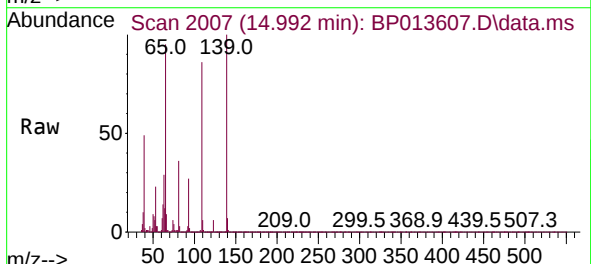
Manual Integrations
APPROVED

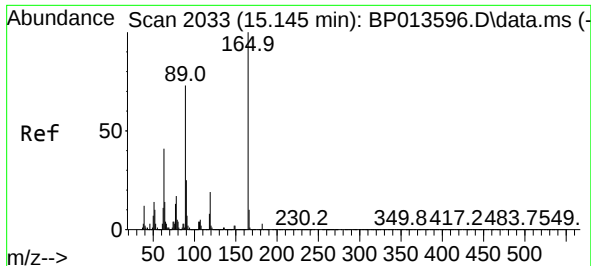
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#56
4-Nitrophenol
Concen: 95.800 ng
RT: 14.992 min Scan# 2007
Delta R.T. 0.011 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:139 Resp: 604947
Ion Ratio Lower Upper
139 100
109 85.7 69.5 109.5
65 94.9 83.1 123.1





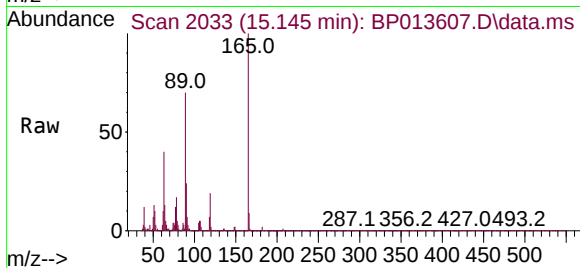
#57
2,4-Dinitrotoluene
Concen: 44.045 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

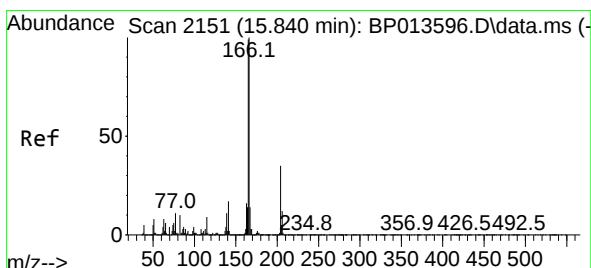
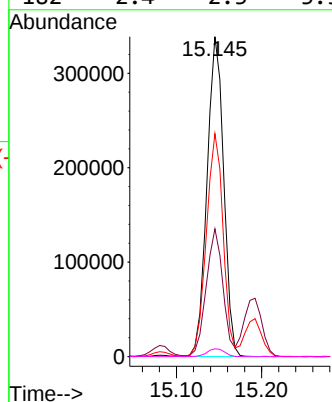
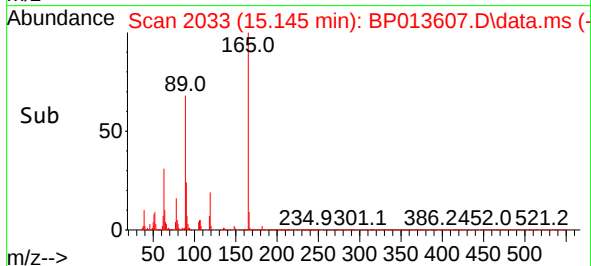


Tgt Ion:165 Resp: 460681
Ion Ratio Lower Upper
165 100
63 39.9 32.6 49.0
89 69.7 58.4 87.6
182 2.4 2.3 3.5

Manual Integrations

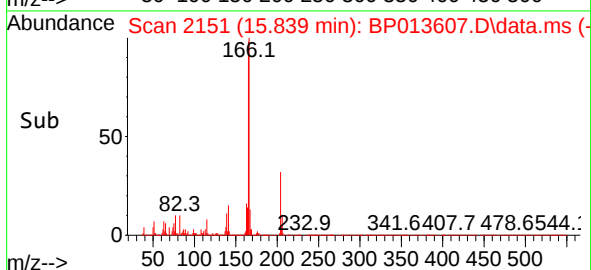
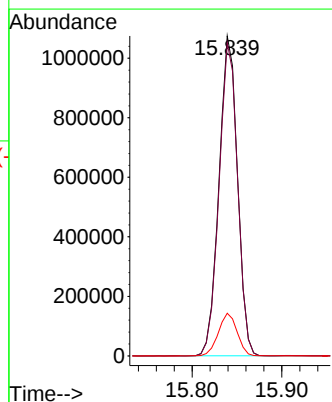
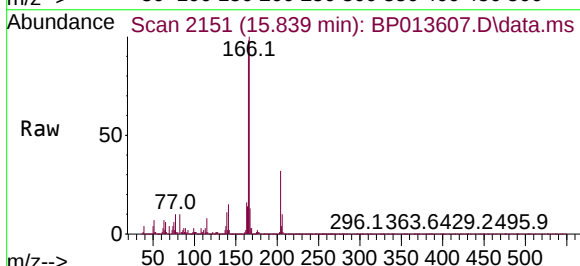
APPROVED

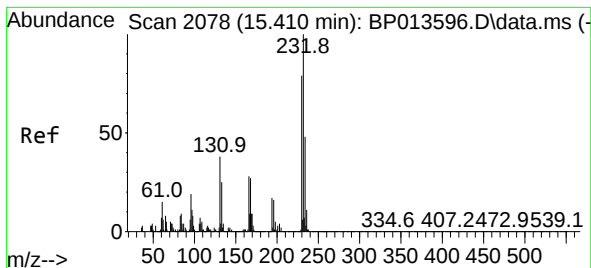
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 43.221 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

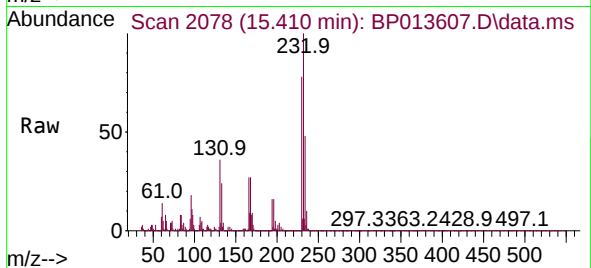
Tgt Ion:166 Resp: 1549854
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.0
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.200 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

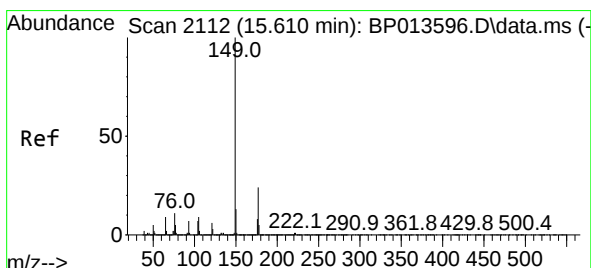
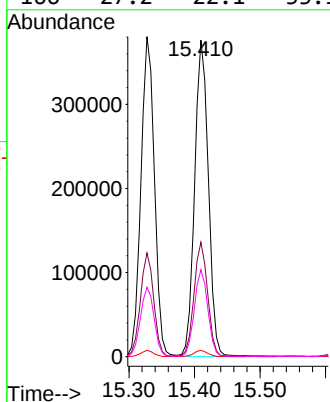
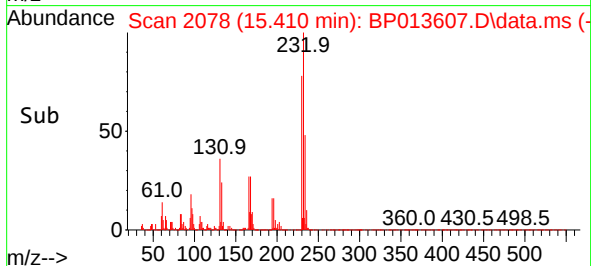
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:232 Resp: 544164
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 2.0 1.6 2.4
166 27.2 22.1 33.1

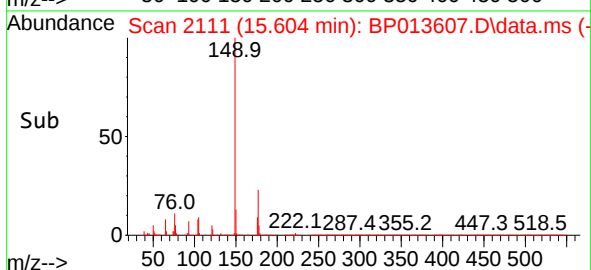
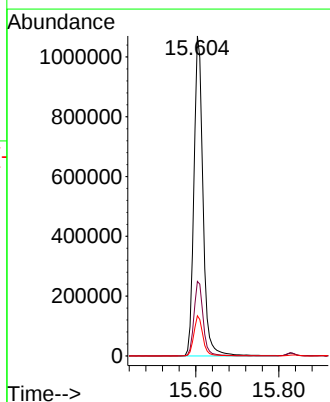
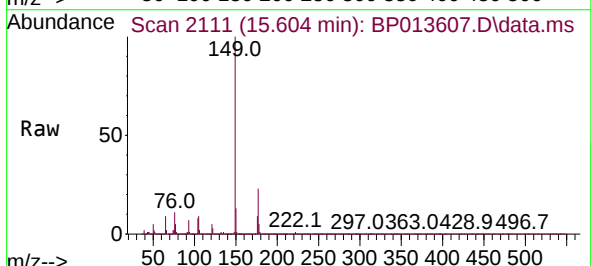
Manual Integrations
APPROVED

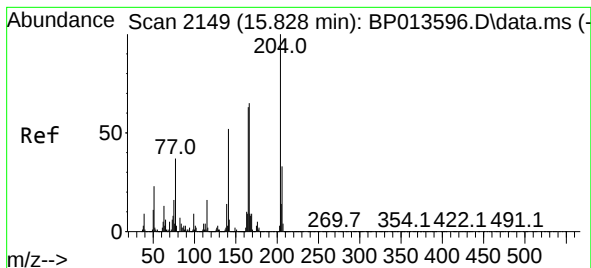
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#60
Diethylphthalate
Concen: 45.682 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

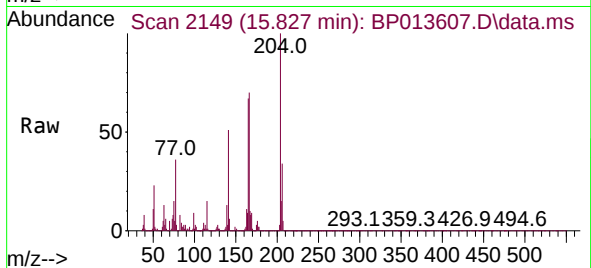
Tgt Ion:149 Resp: 1616110
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.012 ng
RT: 15.827 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

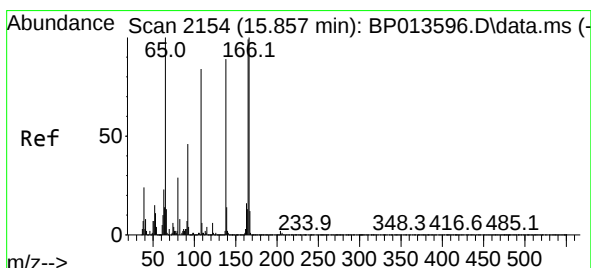
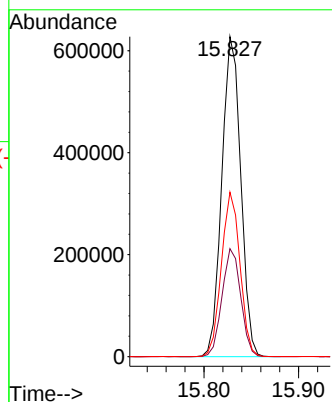
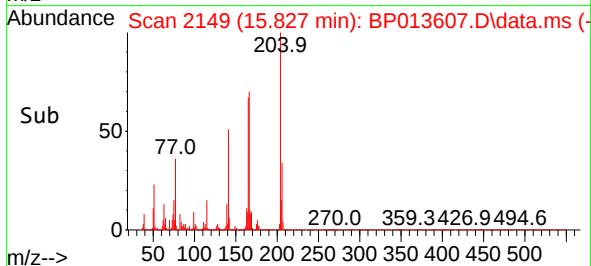
Instrument :
BNA_P
ClientSampleId :
PB150452BS



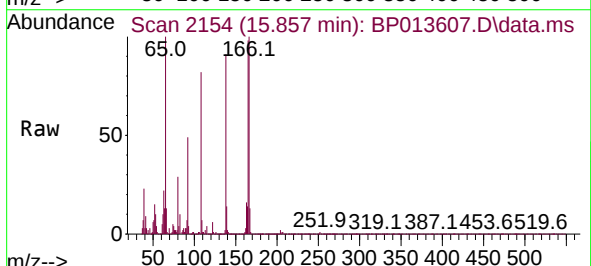
Tgt Ion:204 Resp: 87095
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 51.4 41.7 62.5

Manual Integrations
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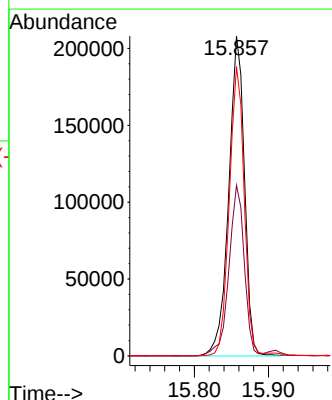
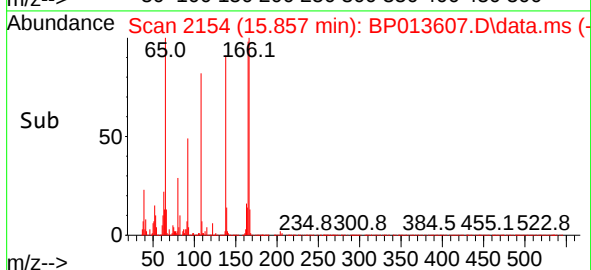
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

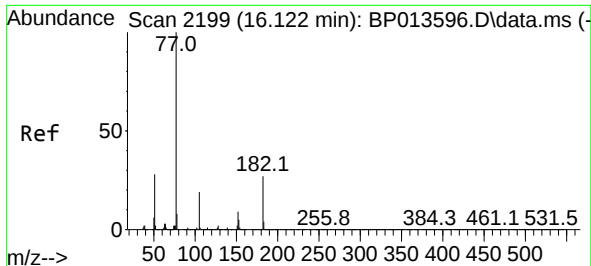


#62
4-Nitroaniline
Concen: 44.403 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19



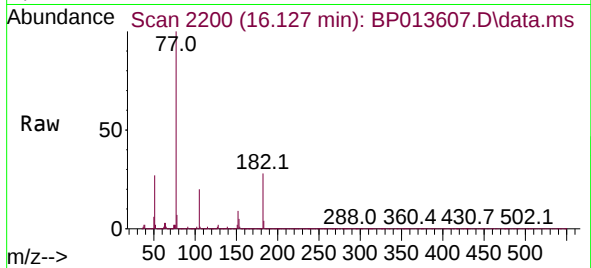
Tgt Ion:138 Resp: 307156
Ion Ratio Lower Upper
138 100
92 53.3 31.9 71.9
108 90.4 73.7 113.7





#63
Azobenzene
Concen: 42.762 ng
RT: 16.127 min Scan# 2199
Delta R.T. 0.005 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

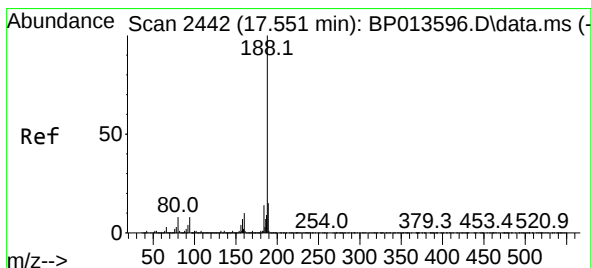
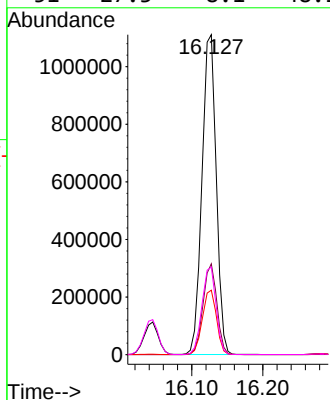
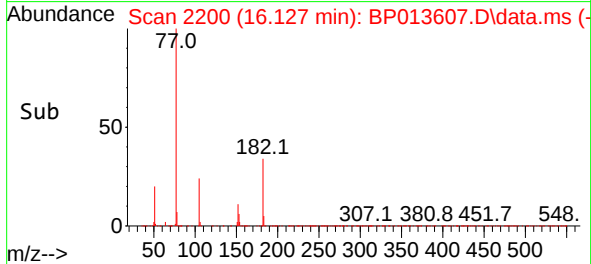
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion: 77 Resp: 154142
Ion Ratio Lower Upper
77 100
182 28.4 7.0 47.0
105 20.1 0.0 39.2
51 27.3 8.1 48.1

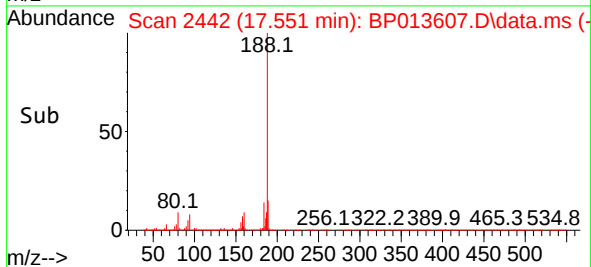
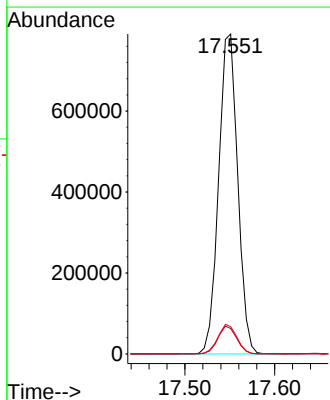
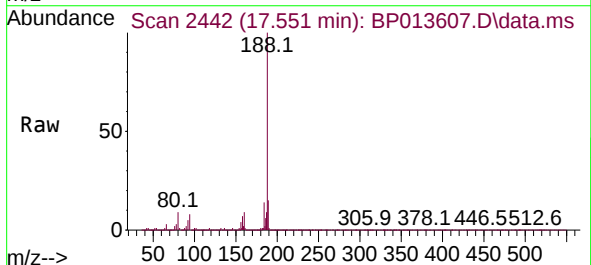
Manual Integrations
APPROVED

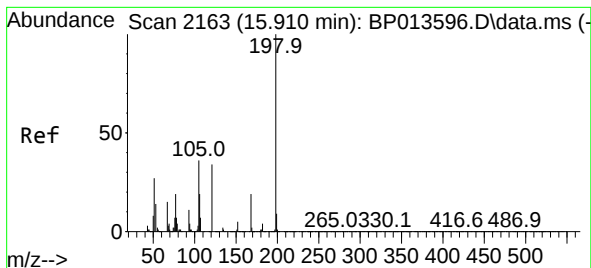
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:188 Resp: 1168382
Ion Ratio Lower Upper
188 100
94 8.0 6.1 9.1
80 8.5 6.6 10.0





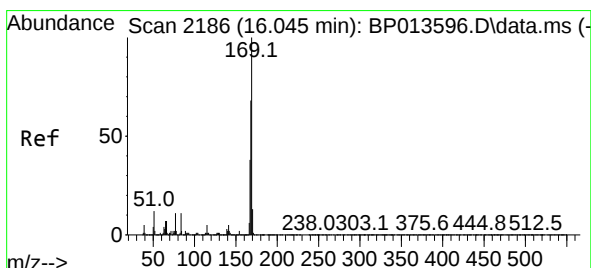
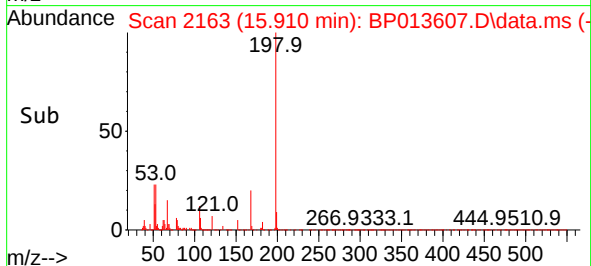
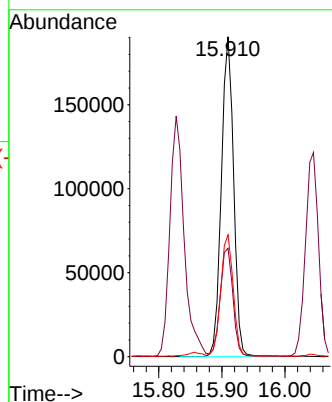
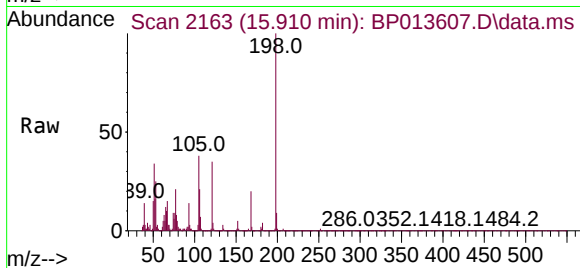
#65
4,6-Dinitro-2-methylphenol
Concen: 40.870 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Tgt Ion:198 Resp: 256759
Ion Ratio Lower Upper
198 100
51 33.9 15.0 55.0
105 38.1 17.7 57.7

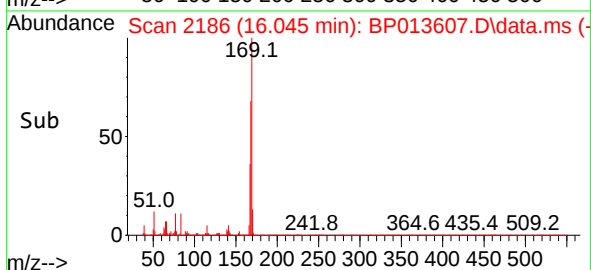
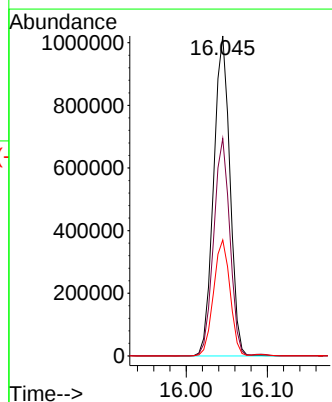
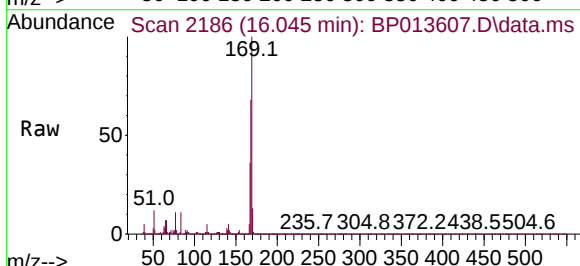
Manual Integrations
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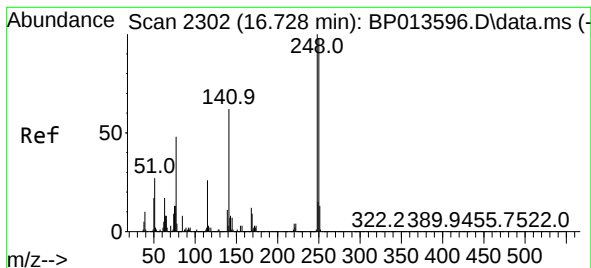
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 44.251 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

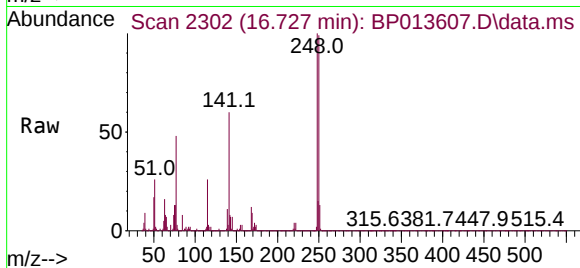
Tgt Ion:169 Resp: 1424482
Ion Ratio Lower Upper
169 100
168 67.9 54.5 81.7
167 36.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 43.806 ng
RT: 16.727 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

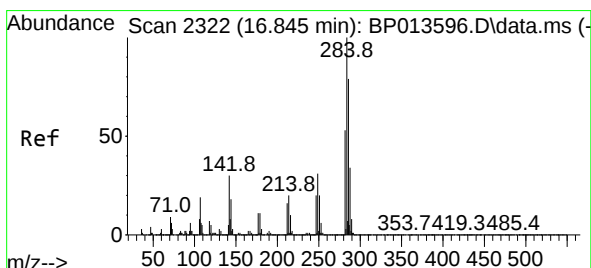
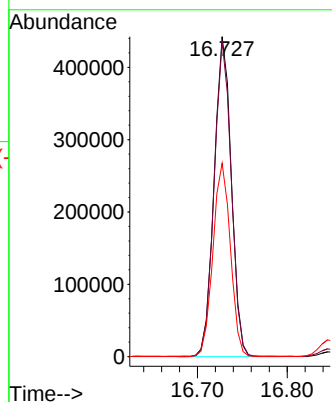
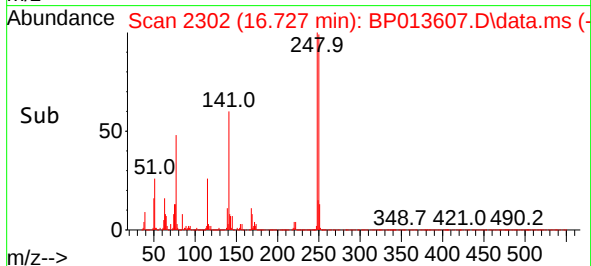
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:248 Resp: 589936
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 60.4 49.8 74.8

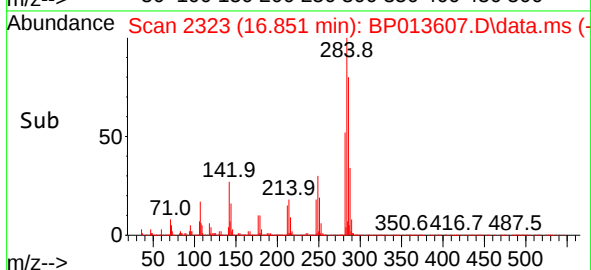
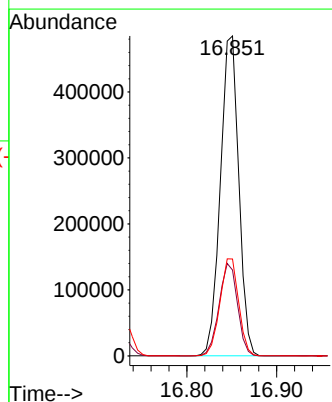
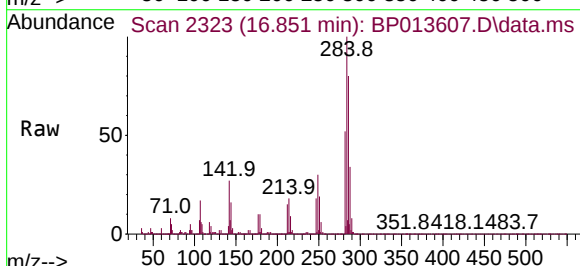
Manual Integrations
APPROVED

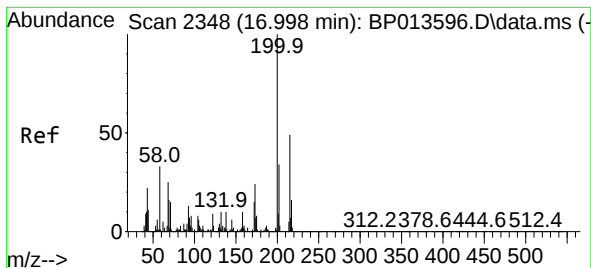
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#68
Hexachlorobenzene
Concen: 47.172 ng
RT: 16.851 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:284 Resp: 694392
Ion Ratio Lower Upper
284 100
142 26.8 24.1 36.1
249 30.3 25.0 37.6





#69

Atrazine

Concen: 52.224 ng

RT: 16.998 min Scan# 2348

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

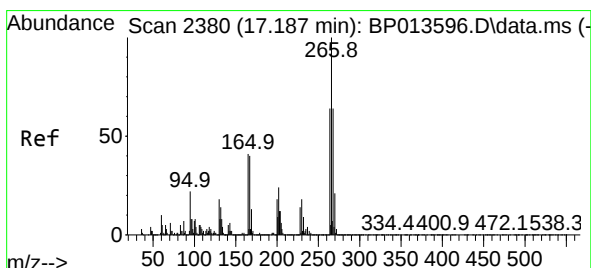
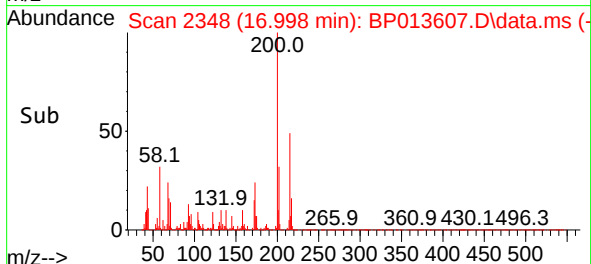
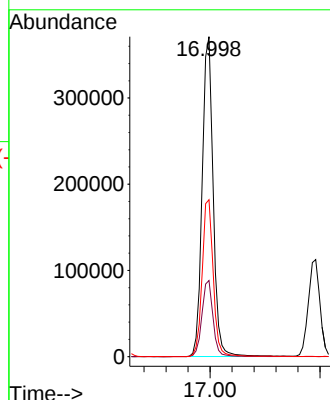
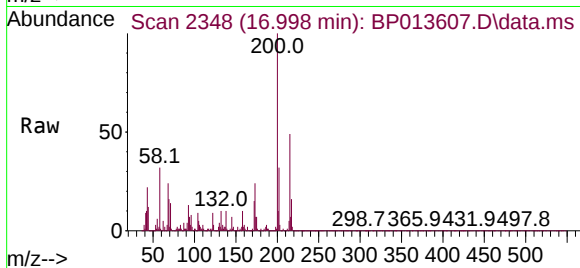
PB150452BS

Tgt Ion:200 Resp: 513903
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.5 43.5
 215 49.0 29.2 69.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#70

Pentachlorophenol

Concen: 80.662 ng

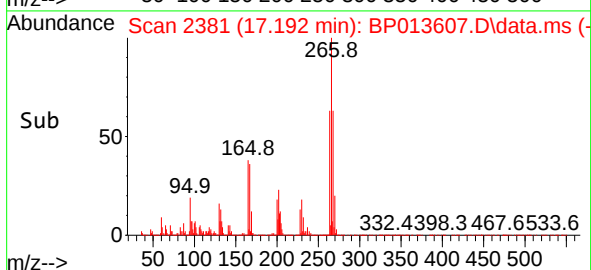
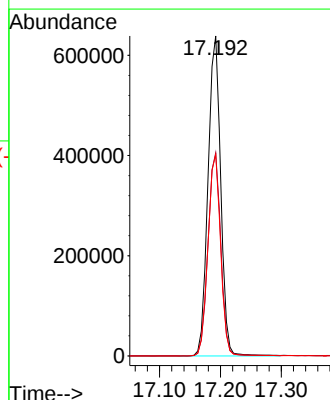
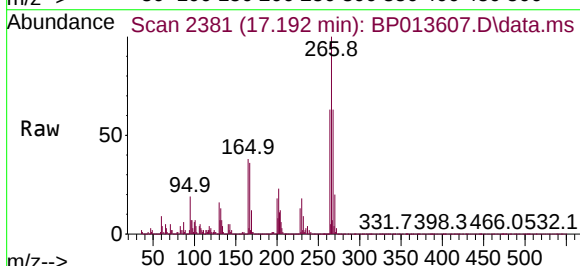
RT: 17.192 min Scan# 2381

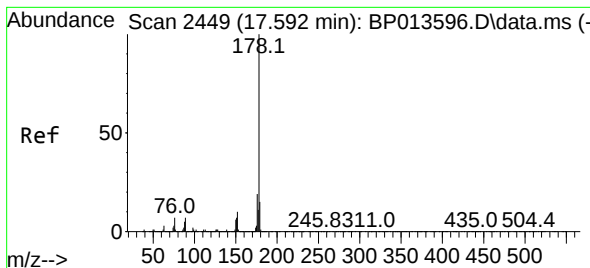
Delta R.T. 0.005 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Tgt Ion:266 Resp: 922767
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.4 77.0
 264 63.0 51.0 76.6





#71

Phenanthrene

Concen: 45.137 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:178 Resp: 2704784

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

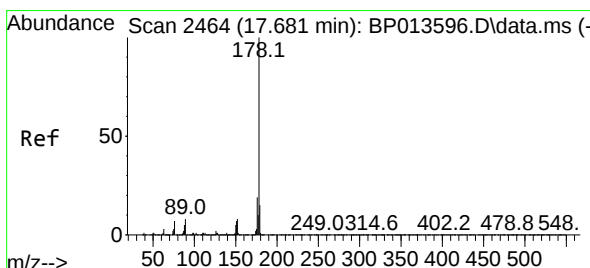
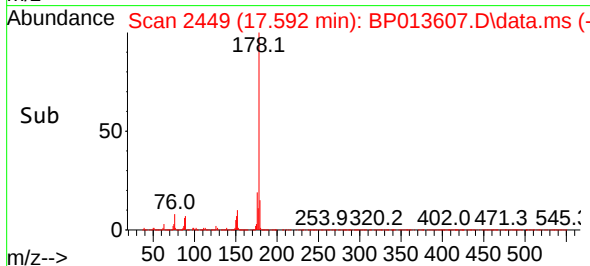
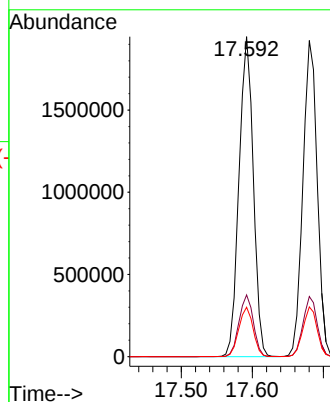
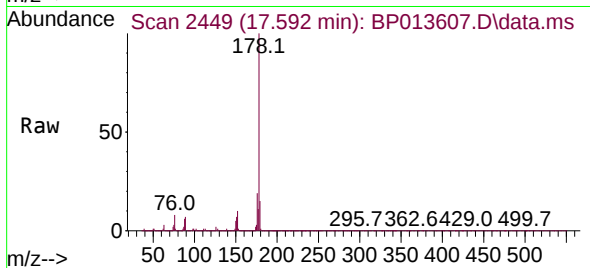
179 15.4 12.2 18.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#72

Anthracene

Concen: 44.780 ng

RT: 17.680 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

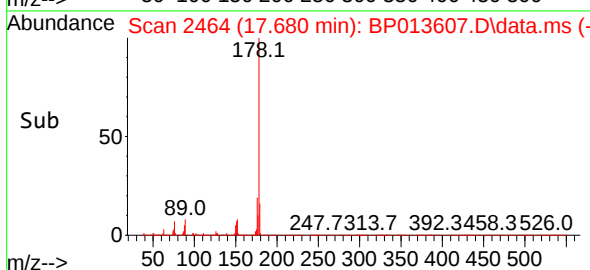
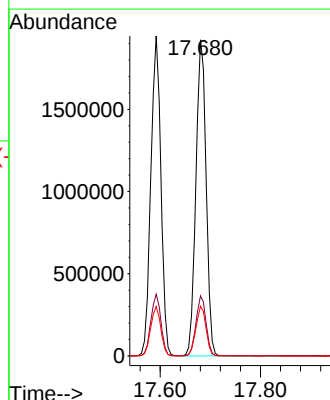
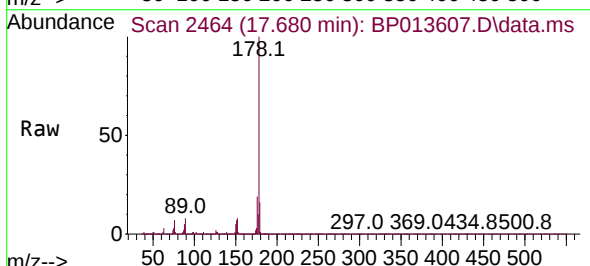
Tgt Ion:178 Resp: 2711396

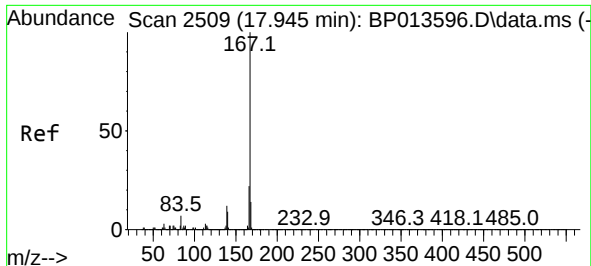
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

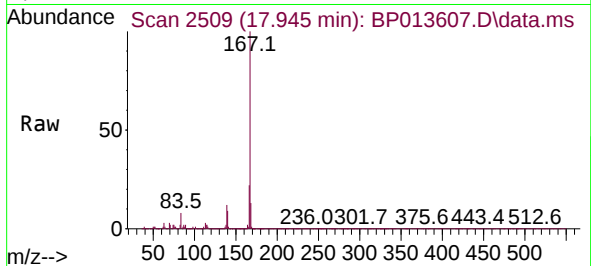
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 45.137 ng
 RT: 17.945 min Scan# 2509
 Delta R.T. -0.000 min
 Lab File: BP013607.D
 Acq: 26 Jan 2023 22:19

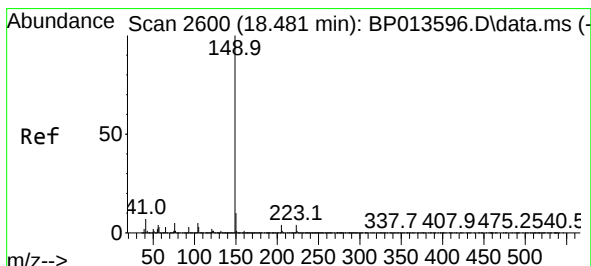
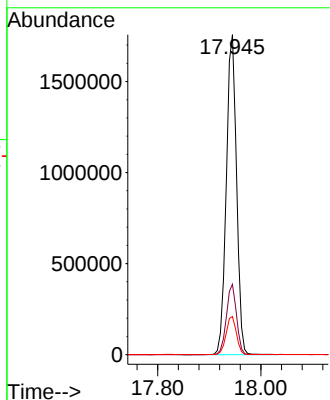
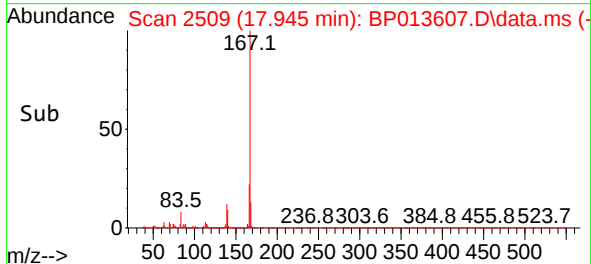
Instrument : BNA_P
 ClientSampleId : PB150452BS



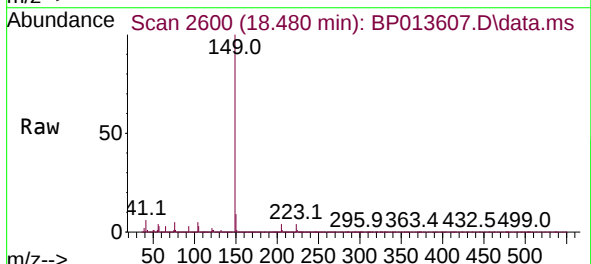
Tgt Ion:167 Resp: 243537
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 11.9 9.8 14.6

Manual Integrations
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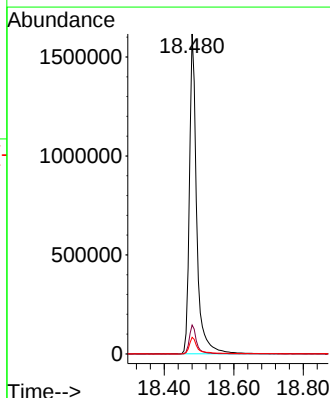
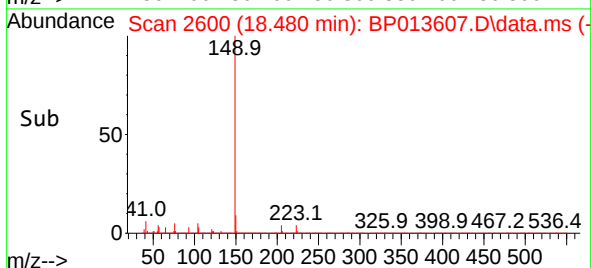
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

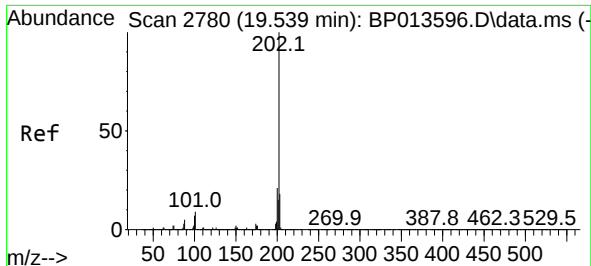


#74
 Di-n-butylphthalate
 Concen: 47.449 ng
 RT: 18.480 min Scan# 2600
 Delta R.T. -0.001 min
 Lab File: BP013607.D
 Acq: 26 Jan 2023 22:19



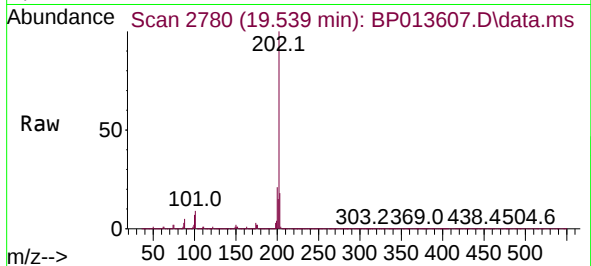
Tgt Ion:149 Resp: 2348389
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 44.259 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

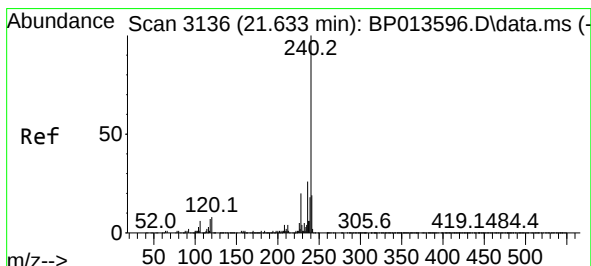
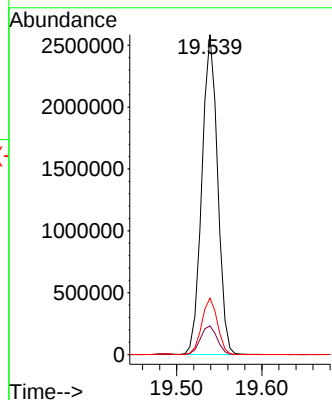
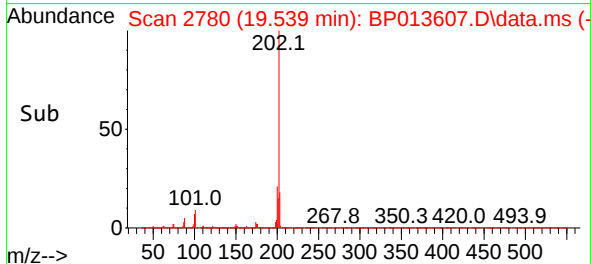
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:202 Resp: 3307900
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.7 0.0 37.6

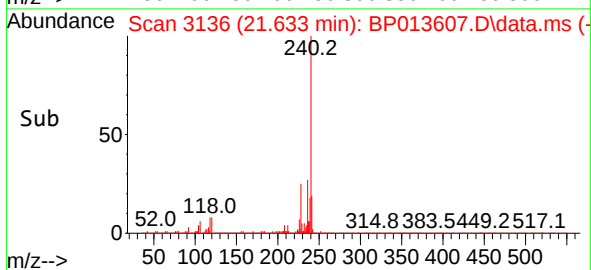
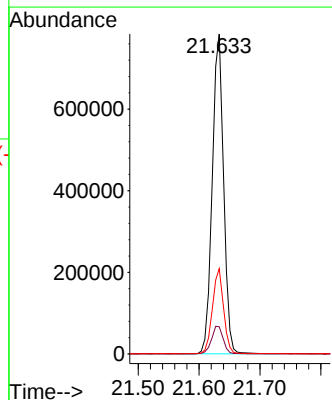
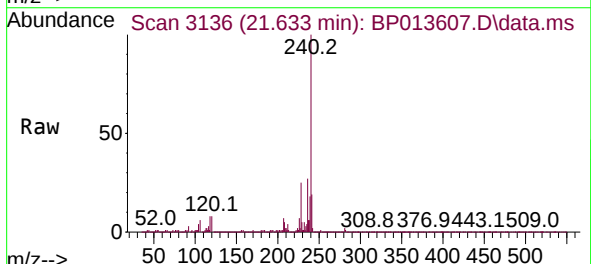
Manual Integrations
APPROVED

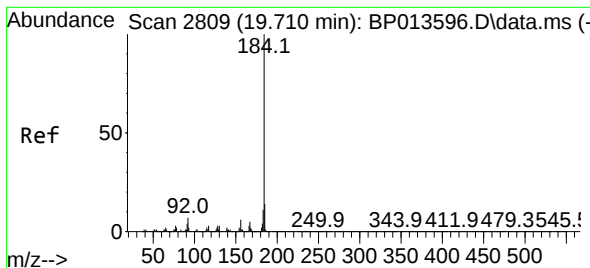
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:240 Resp: 1017717
Ion Ratio Lower Upper
240 100
120 8.5 6.7 10.1
236 26.6 20.7 31.1





#77

Benzidine

Concen: 80.431 ng

RT: 19.710 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

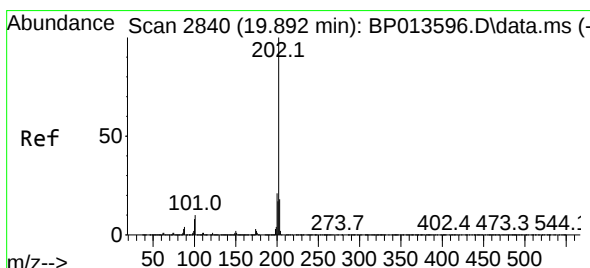
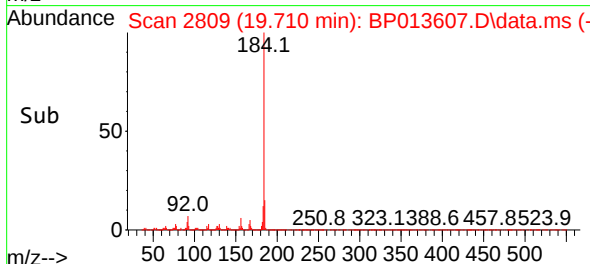
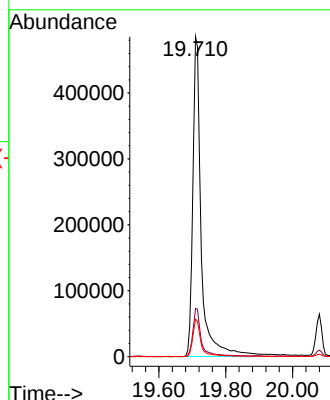
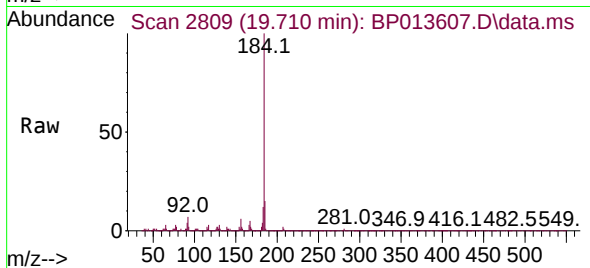
PB150452BS

Tgt Ion:	184	Resp:	858212
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.5	17.3
183	11.7	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#78

Pyrene

Concen: 43.222 ng

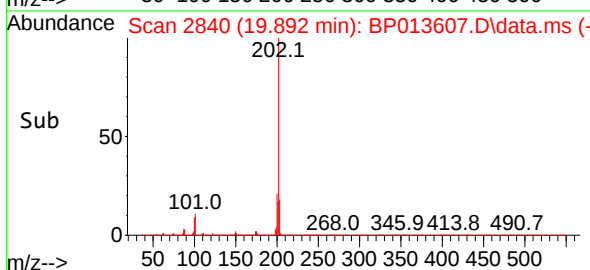
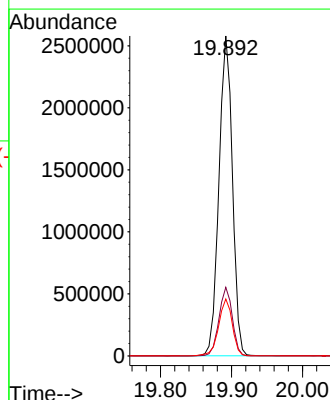
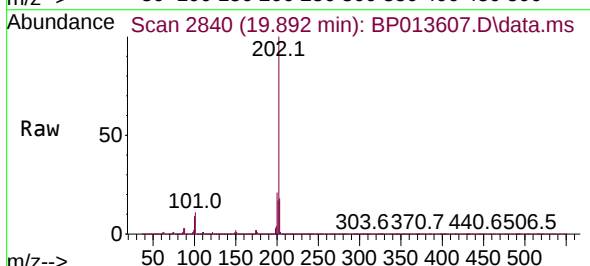
RT: 19.892 min Scan# 2840

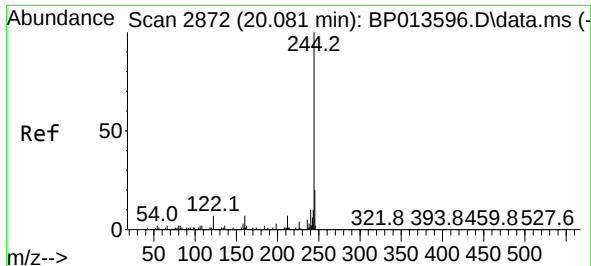
Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Tgt Ion:	202	Resp:	3404349
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.6
203	17.8	14.2	21.2





#79
 Terphenyl-d14
 Concen: 92.275 ng
 RT: 20.080 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BP013607.D
 Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

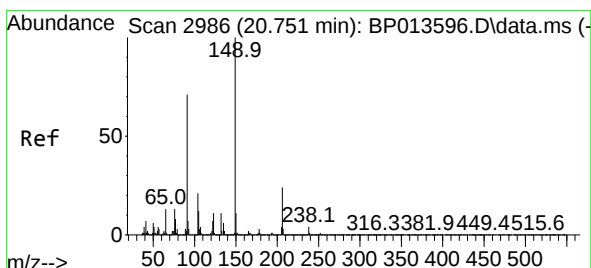
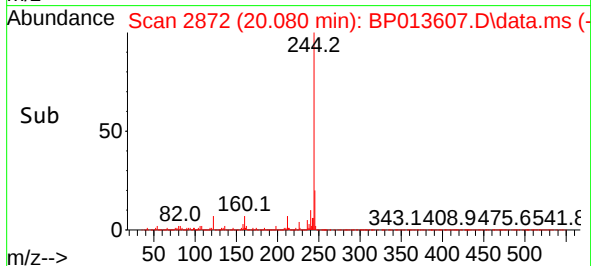
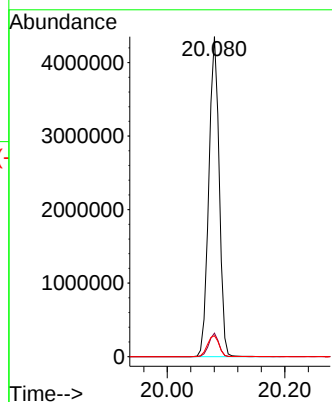
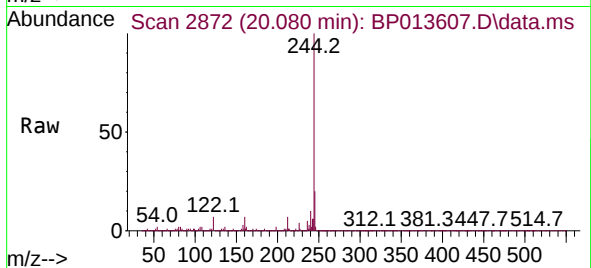
PB150452BS

Tgt Ion:244 Resp: 532175
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.5 5.3 7.9

Manual Integrations

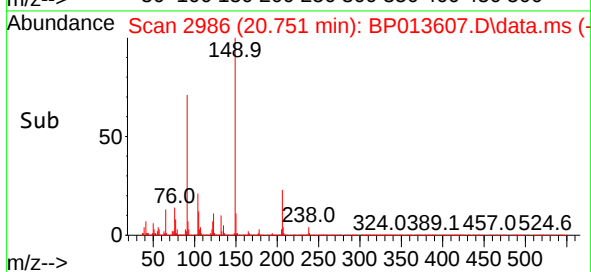
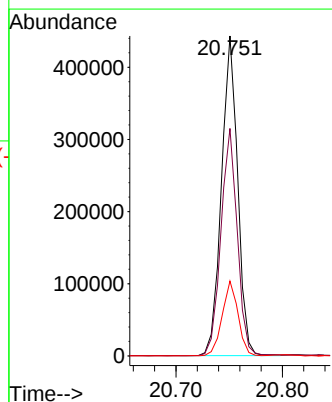
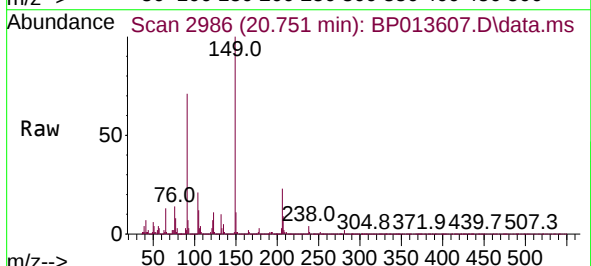
APPROVED

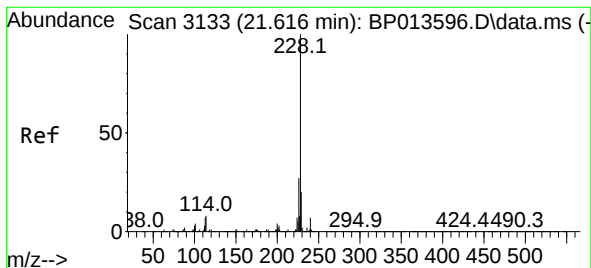
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#80
 Butylbenzylphthalate
 Concen: 43.806 ng
 RT: 20.751 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BP013607.D
 Acq: 26 Jan 2023 22:19

Tgt Ion:149 Resp: 468718
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.0 85.6
 206 23.4 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.293 ng

RT: 21.615 min Scan# 3133

Delta R.T. -0.001 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:228 Resp: 3245958

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

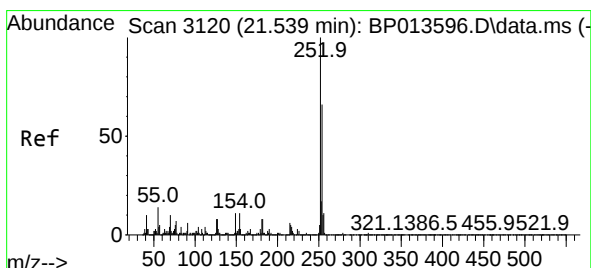
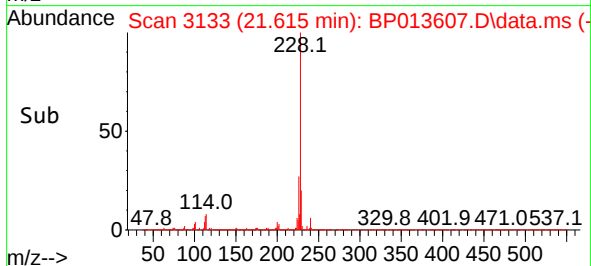
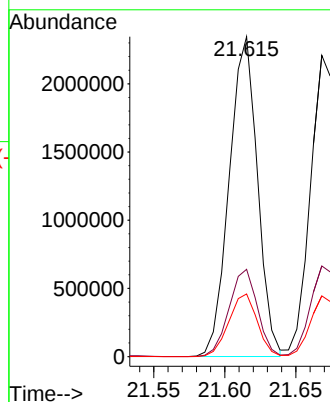
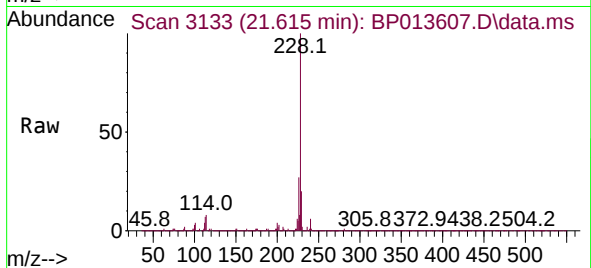
229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.921 ng

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

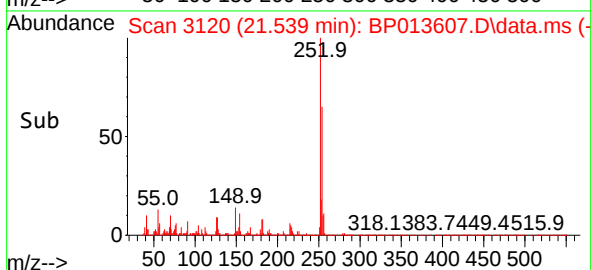
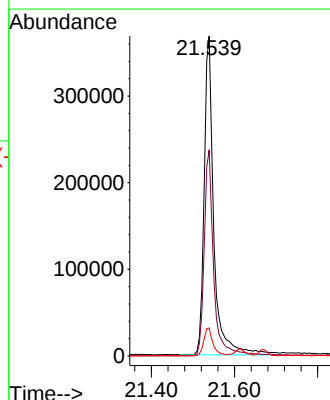
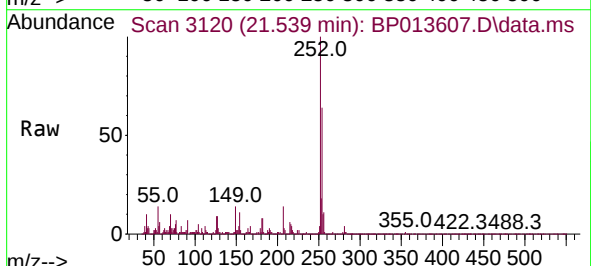
Tgt Ion:252 Resp: 595382

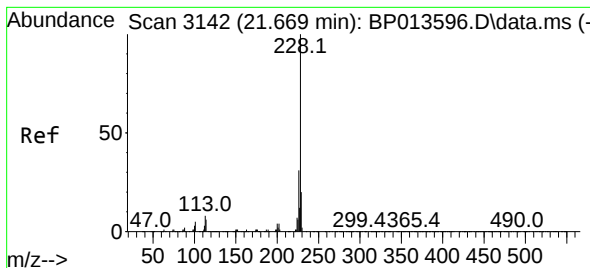
Ion Ratio Lower Upper

252 100

254 64.4 52.3 78.5

126 8.7 6.2 9.4





#83

Chrysene

Concen: 44.733 ng

RT: 21.668 min Scan# 3142

Delta R.T. -0.001 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:228 Resp: 3012196

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

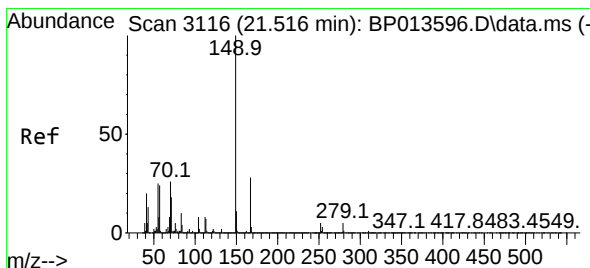
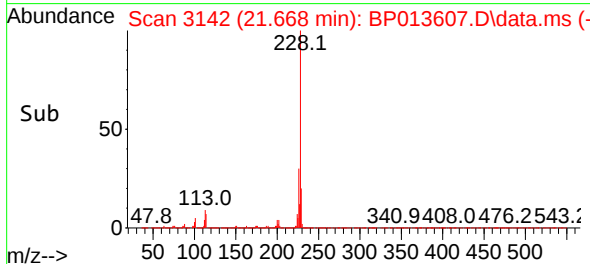
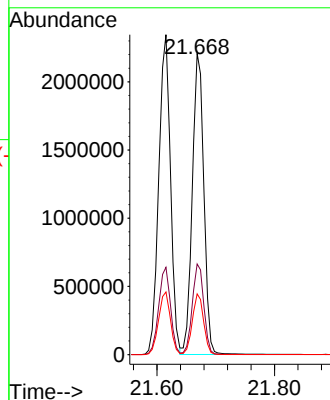
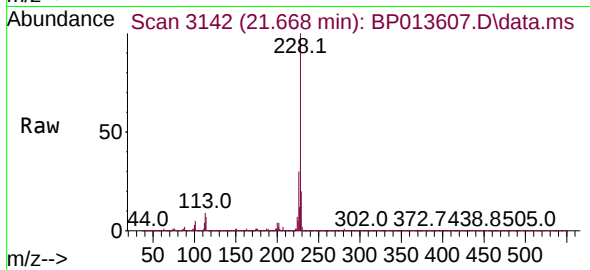
229 20.2 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.557 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

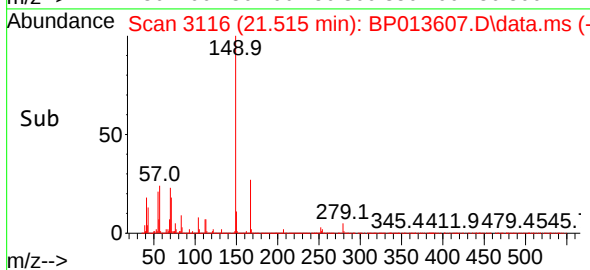
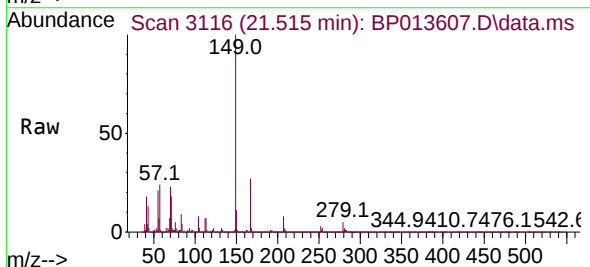
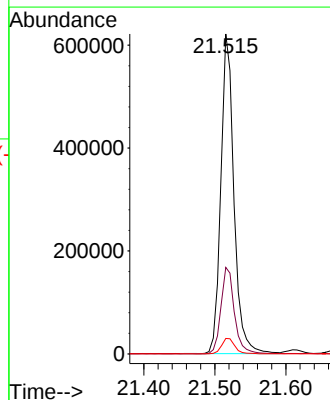
Tgt Ion:149 Resp: 798116

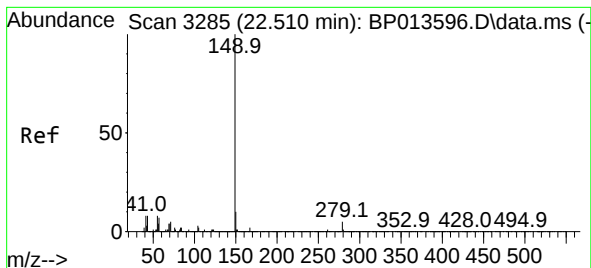
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.886 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.001 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:149 Resp: 1460558

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

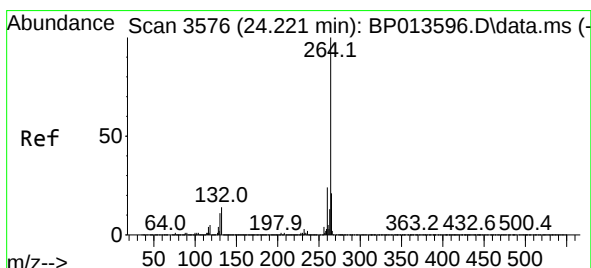
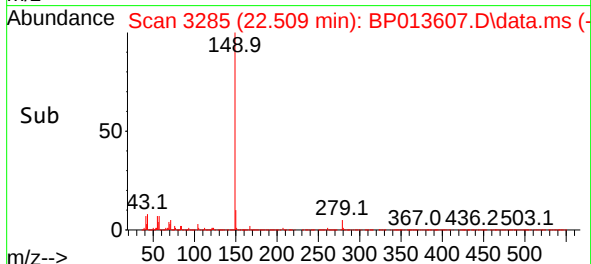
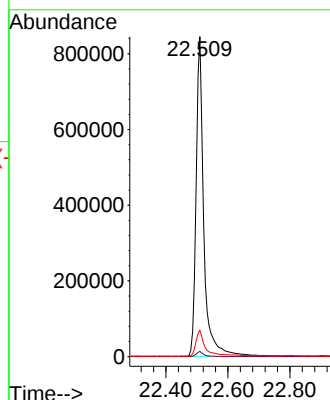
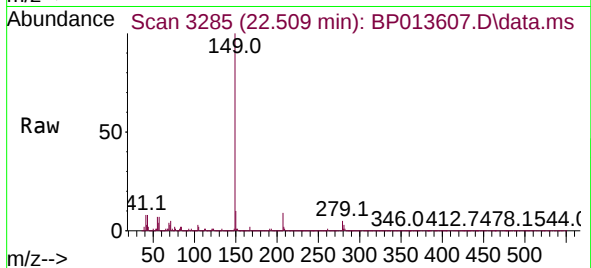
43 10.3 8.6 12.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.221 min Scan# 3576

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

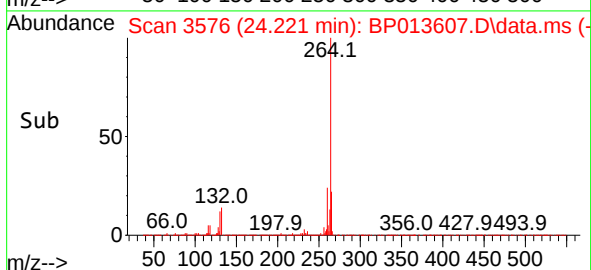
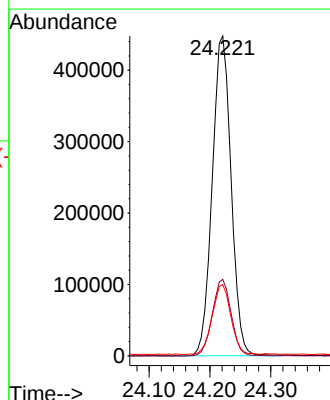
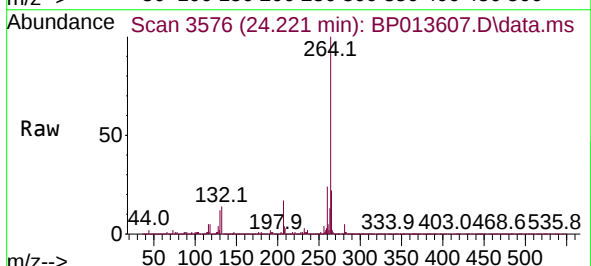
Tgt Ion:264 Resp: 966190

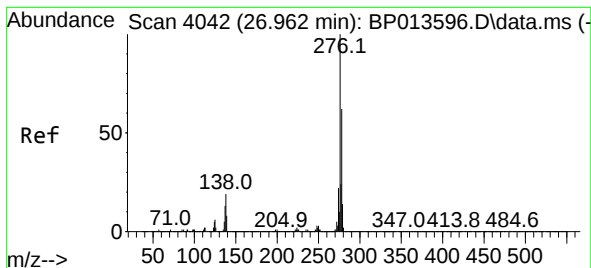
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.285 ng

RT: 26.956 min Scan# 4041

Delta R.T. -0.006 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:276 Resp: 307603

Ion Ratio Lower Upper

276 100

138 21.2 16.4 24.6

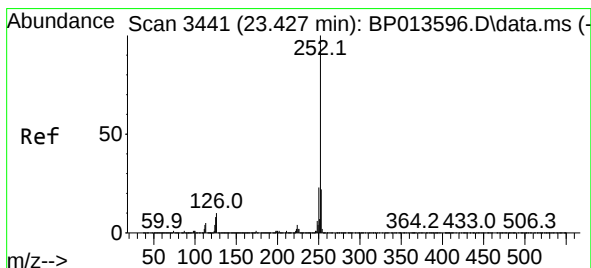
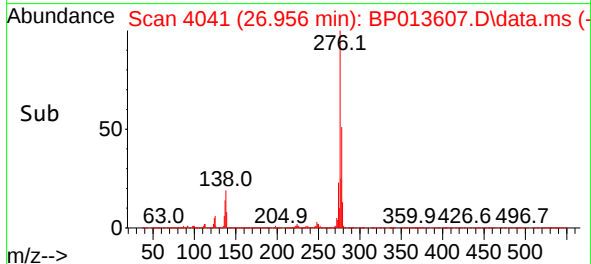
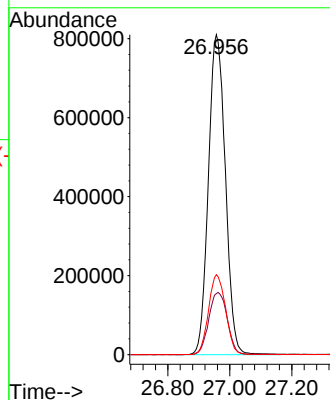
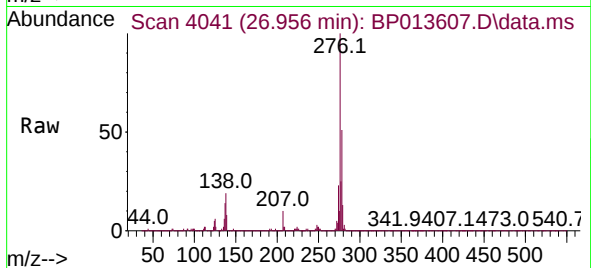
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#88

Benzo(b)fluoranthene

Concen: 49.332 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

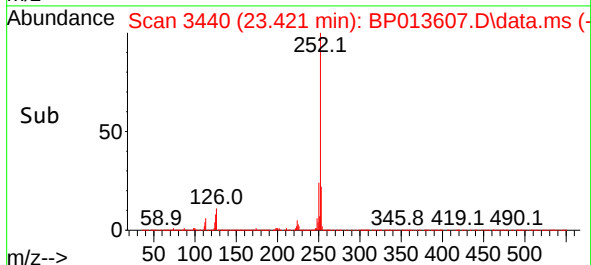
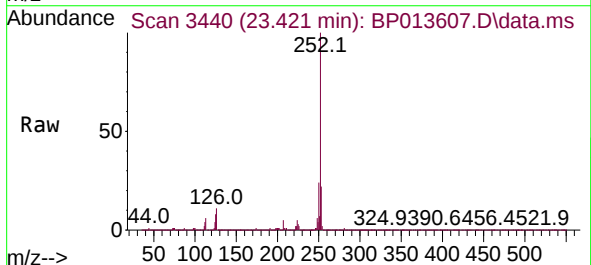
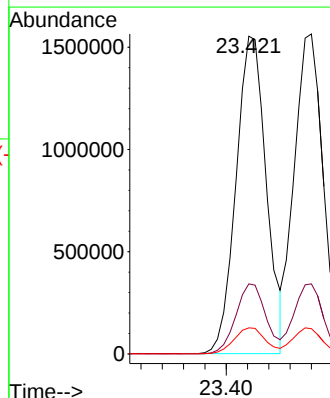
Tgt Ion:252 Resp: 3060070

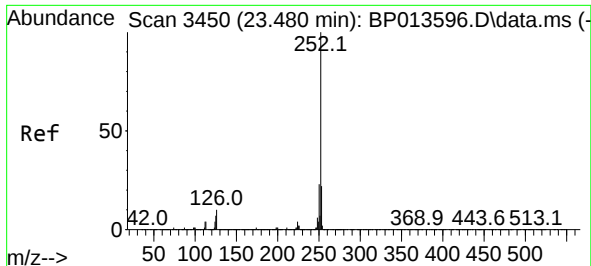
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

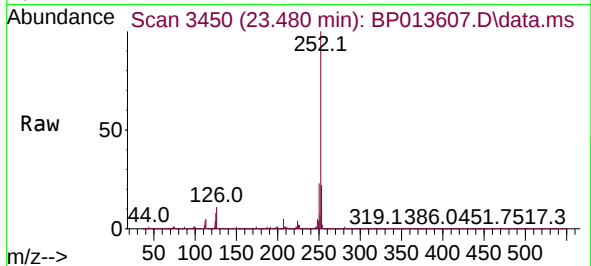
125 8.2 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 47.720 ng
RT: 23.480 min Scan# 3450
Delta R.T. -0.000 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

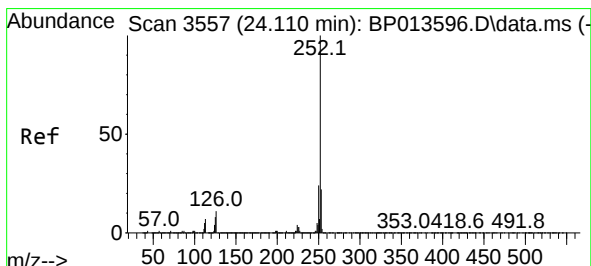
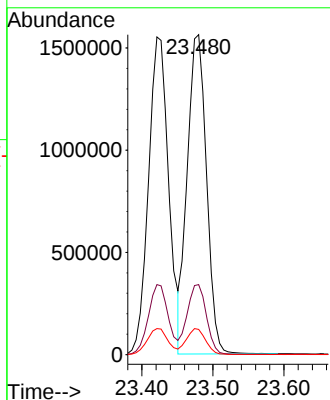
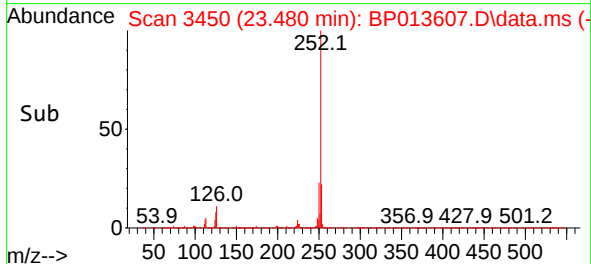
Instrument :
BNA_P
ClientSampleId :
PB150452BS



Tgt Ion:252 Resp: 2938576
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.9 5.9 8.9

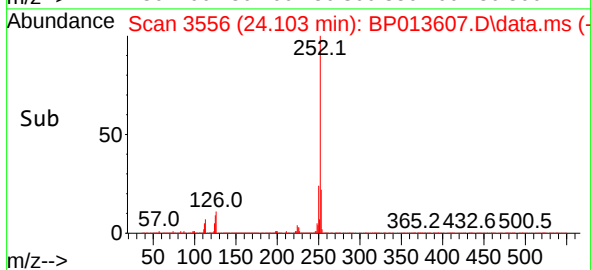
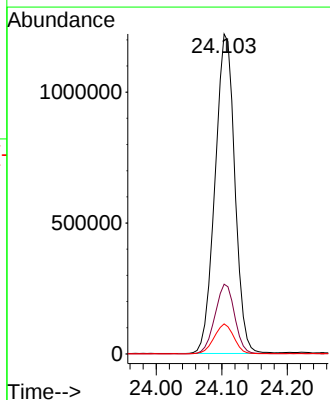
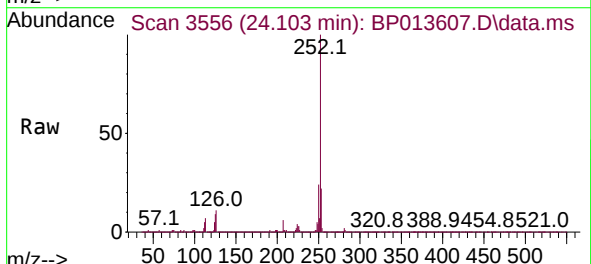
Manual Integrations
APPROVED

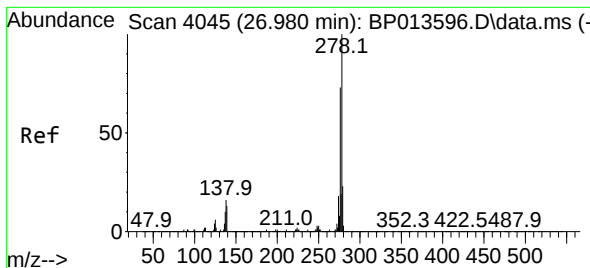
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#90
Benzo(a)pyrene
Concen: 43.947 ng
RT: 24.103 min Scan# 3556
Delta R.T. -0.006 min
Lab File: BP013607.D
Acq: 26 Jan 2023 22:19

Tgt Ion:252 Resp: 2565849
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 45.389 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Instrument :

BNA_P

ClientSampleId :

PB150452BS

Tgt Ion:278 Resp: 2565454

Ion Ratio Lower Upper

278 100

139 13.5 10.6 15.8

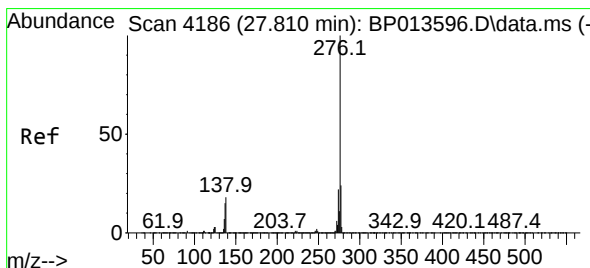
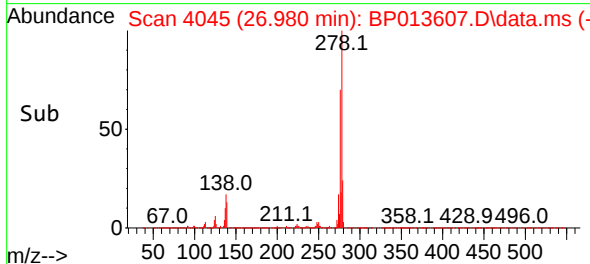
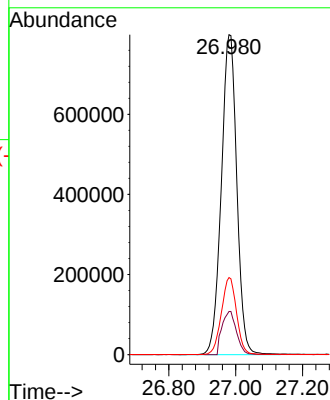
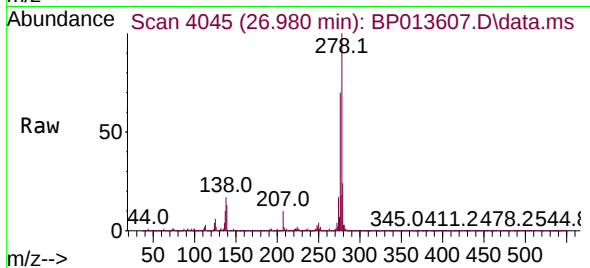
279 24.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#92

Benzo(g,h,i)perylene

Concen: 44.710 ng

RT: 27.803 min Scan# 4185

Delta R.T. -0.006 min

Lab File: BP013607.D

Acq: 26 Jan 2023 22:19

Tgt Ion:276 Resp: 2488204

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 19.0 14.3 21.5

