

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011784.D
 Acq On : 23 Sep 2022 15:39
 Operator : CG/JU
 Sample : PB147850BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147850BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:34:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	321878	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1539110	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	988341	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2071940	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1974913	20.000	ng	0.00
86) Perylene-d12	23.857	264	1994909	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3069682	167.332	ng	0.00
7) Phenol-d6	7.087	99	4324621	159.435	ng	0.00
23) Nitrobenzene-d5	9.087	82	2433446	82.754	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1122113	168.613	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5413192	86.613	ng	0.00
79) Terphenyl-d14	19.880	244	8029887	93.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	278681	36.131	ng	95
3) Pyridine	3.758	79	822080	34.535	ng	93
4) n-Nitrosodimethylamine	3.669	42	387332	36.795	ng	87
6) Aniline	7.246	93	1609996	47.714	ng	99
8) 2-Chlorophenol	7.481	128	1178037	52.782	ng	97
9) Benzaldehyde	7.058	77	703276m	41.442	ng	
10) Phenol	7.110	94	1624778	53.177	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	1079995	44.654	ng	96
12) 1,3-Dichlorobenzene	7.805	146	1054322	44.955	ng	98
13) 1,4-Dichlorobenzene	7.957	146	1087893	45.267	ng	99
14) 1,2-Dichlorobenzene	8.275	146	1061855	45.163	ng	99
15) Benzyl Alcohol	8.163	79	1013081m	50.550	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1634202	40.907	ng	98
17) 2-Methylphenol	8.369	107	1061748	53.017	ng	98
18) Hexachloroethane	9.004	117	400635	43.542	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	884511	44.356	ng	97
20) 3+4-Methylphenols	8.699	107	1469579	52.264	ng	98
22) Acetophenone	8.752	105	1743340	45.092	ng	97
24) Nitrobenzene	9.134	77	1298113	42.725	ng	98
25) Isophorone	9.663	82	2559528	46.397	ng	99
26) 2-Nitrophenol	9.846	139	587568	47.894	ng	95
27) 2,4-Dimethylphenol	9.904	122	1177367	60.429	ng	98
28) bis(2-Chloroethoxy)met...	10.146	93	1602469	49.845	ng	99
29) 2,4-Dichlorophenol	10.381	162	1130805	54.244	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	966921	44.544	ng	99
31) Naphthalene	10.787	128	3510674	43.024	ng	100
32) Benzoic acid	10.057	122	854055	50.744	ng	98
33) 4-Chloroaniline	10.893	127	1143550	33.614	ng	100
34) Hexachlorobutadiene	11.069	225	490079	44.763	ng	98
35) Caprolactam	11.698	113	443510m	52.348	ng	
36) 4-Chloro-3-methylphenol	12.022	107	1343813	53.113	ng	96
37) 2-Methylnaphthalene	12.393	142	2562520	45.475	ng	100
38) 1-Methylnaphthalene	12.610	142	2444775	44.057	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	1084083	48.670	ng	99
41) Hexachlorocyclopentadiene	12.740	237	1376431	126.003	ng	97
43) 2,4,6-Trichlorophenol	12.998	196	855939	53.087	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	948939	51.205	ng	99
46) 1,1'-Biphenyl	13.404	154	3384668	47.135	ng	99
47) 2-Chloronaphthalene	13.445	162	2517390	45.197	ng	99
48) 2-Nitroaniline	13.651	65	935621	47.114	ng	94
49) Acenaphthylene	14.292	152	4256713	46.042	ng	100
50) Dimethylphthalate	14.028	163	3360761	46.377	ng	100
51) 2,6-Dinitrotoluene	14.145	165	739999	49.459	ng	97
52) Acenaphthene	14.634	154	2529930	44.619	ng	100
53) 3-Nitroaniline	14.475	138	737446	40.243	ng	99
54) 2,4-Dinitrophenol	14.681	184	862451	106.693	ng	95
55) Dibenzofuran	14.969	168	3958380	45.547	ng	98
56) 4-Nitrophenol	14.787	139	1617558	106.295	ng	95
57) 2,4-Dinitrotoluene	14.934	165	1040491	46.882	ng	94
58) Fluorene	15.616	166	3314604	44.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	746569m	49.341	ng	
60) Diethylphthalate	15.392	149	3491794	46.148	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	1474373	47.828	ng	99
62) 4-Nitroaniline	15.645	138	927221	43.512	ng	97
63) Azobenzene	15.904	77	3583346	43.250	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	494548	47.202	ng	98
66) n-Nitrosodiphenylamine	15.828	169	2876041	46.586	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	815039	47.967	ng	95
68) Hexachlorobenzene	16.622	284	855723	47.398	ng	97
69) Atrazine	16.786	200	978384	54.727	ng	100
70) Pentachlorophenol	16.969	266	1228117	93.756	ng	99
71) Phenanthrene	17.369	178	5238866	44.830	ng	99
72) Anthracene	17.457	178	5289739	47.327	ng	100
73) Carbazole	17.728	167	5191605	47.427	ng	100
74) Di-n-butylphthalate	18.275	149	6216667	47.147	ng	99
75) Fluoranthene	19.327	202	5898737	46.431	ng	100
77) Benzidine	19.510	184	4884041	127.424	ng	99
78) Pyrene	19.680	202	6164261	46.712	ng	99
80) Butylbenzylphthalate	20.557	149	2877561	45.006	ng	92
81) Benzo(a)anthracene	21.392	228	5925756	45.477	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1652875	43.495	ng	98
83) Chrysene	21.445	228	5536229	44.840	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	4282178	45.480	ng	98
85) Di-n-octyl phthalate	22.257	149	7216662	47.928	ng	97
87) Indeno(1,2,3-cd)pyrene	26.433	276	9788799	62.710	ng	# 91
88) Benzo(b)fluoranthene	23.110	252	6035955	48.733	ng	99
89) Benzo(k)fluoranthene	23.163	252	6075971	47.875	ng	99
90) Benzo(a)pyrene	23.751	252	5355542	51.106	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	8558327	66.036	ng	# 93
92) Benzo(g,h,i)perylene	27.221	276	8289034	66.071	ng	# 93

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

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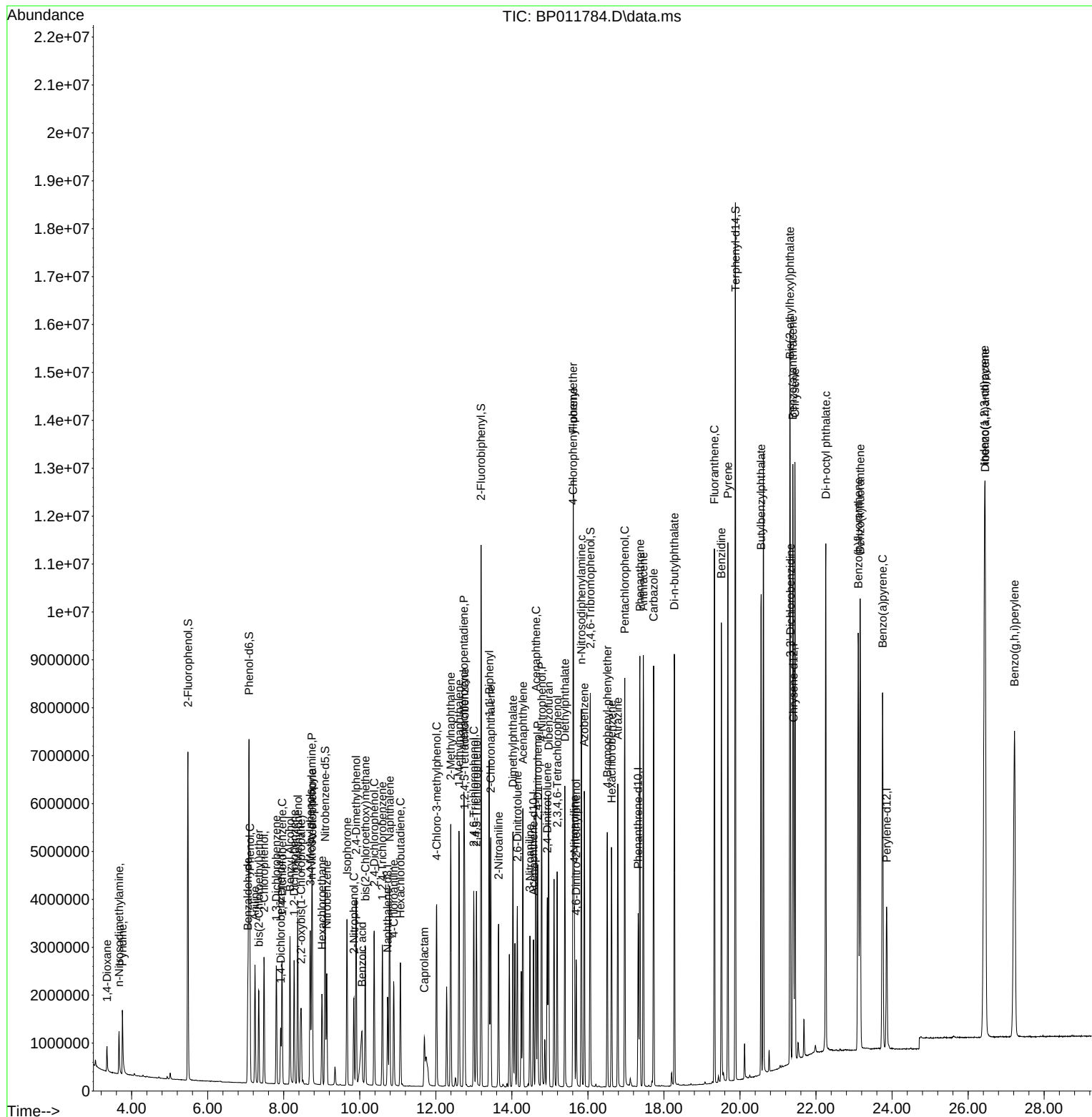
Quant Time: Sep 24 01:34:28 2022

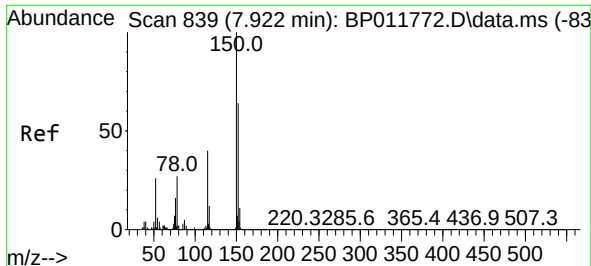
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QLast Update : Thu Sep 22 02:45:14 2022

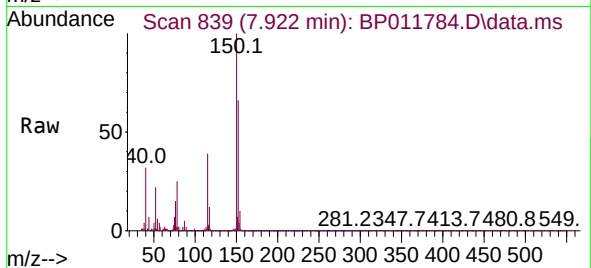
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 839
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

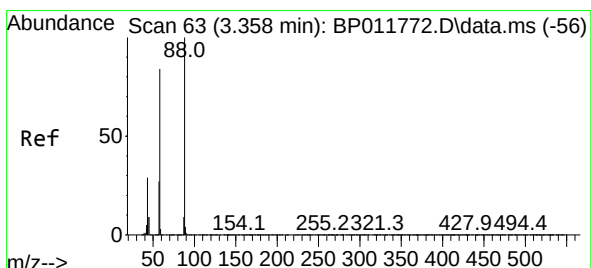
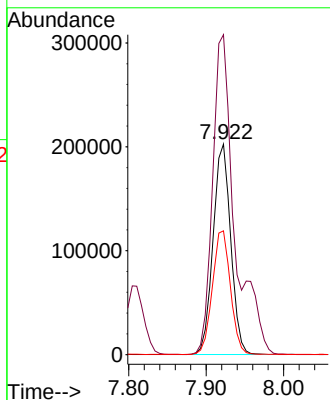
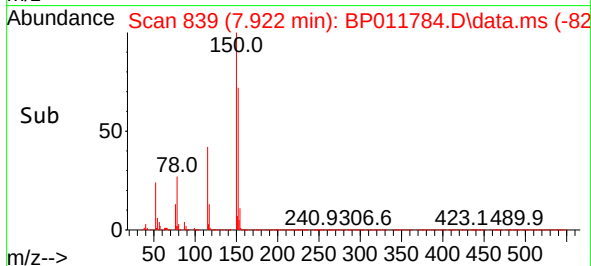
Instrument :
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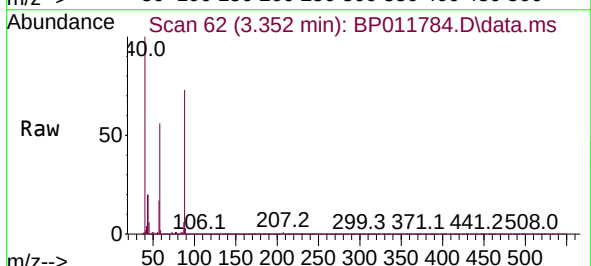
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Ion Ratio Lower Upper
152 100
150 152.0 124.2 186.4
115 58.8 50.0 75.0

Manual Integrations
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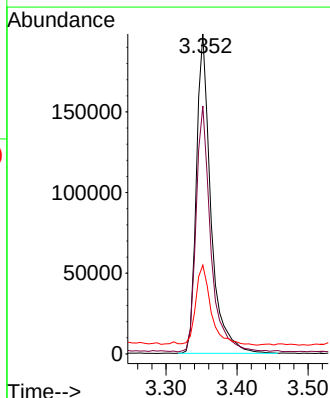
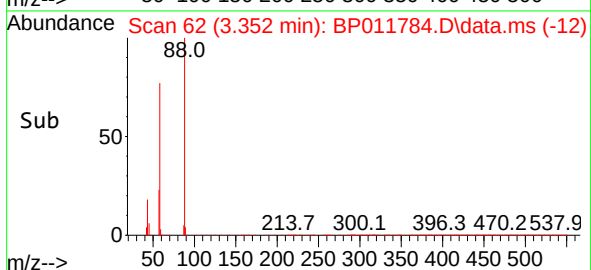
Reviewed By :Christian Giraldo 09/26/2022
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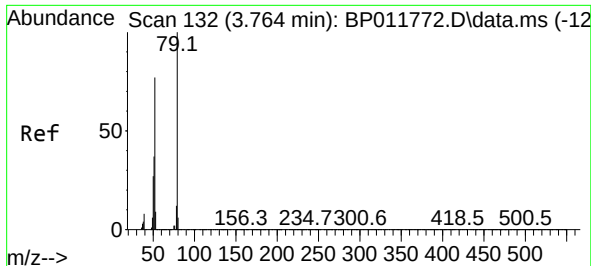


#2
1,4-Dioxane
Concen: 36.131 ng
RT: 3.352 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



Tgt Ion: 88 Resp: 278681
Ion Ratio Lower Upper
88 100
58 78.6 66.6 99.8
43 26.7 23.2 34.8





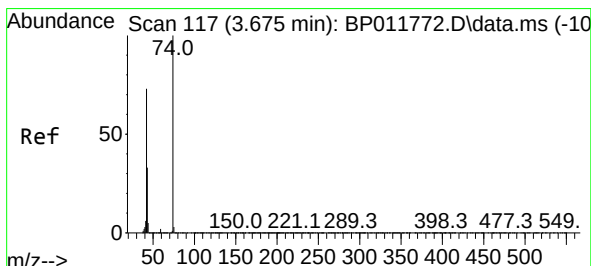
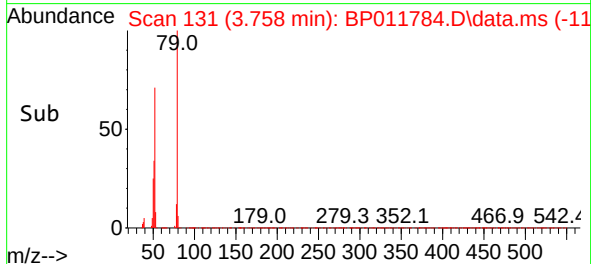
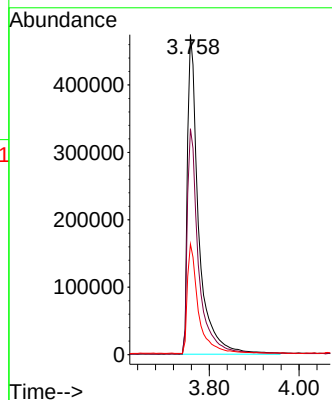
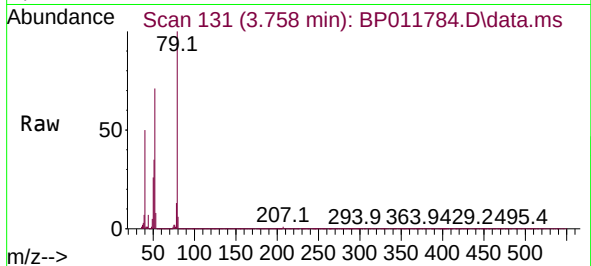
#3
Pyridine
Concen: 34.535 ng
RT: 3.758 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
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ClientSampleId :
PB147850BS

Tgt Ion: 79 Resp: 822080
Ion Ratio Lower Upper
79 100
52 70.6 61.9 92.9
51 34.6 29.9 44.9

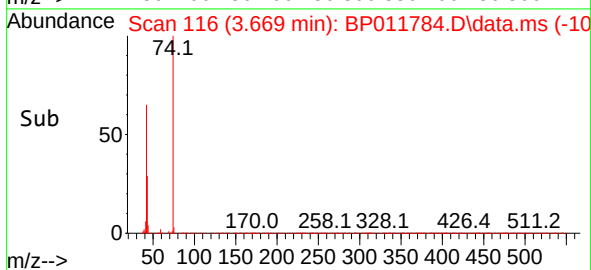
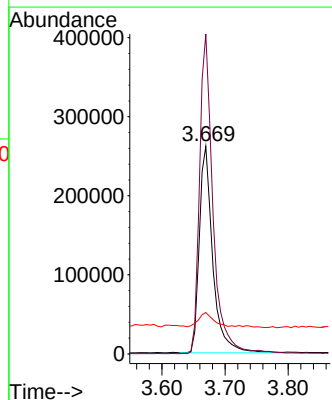
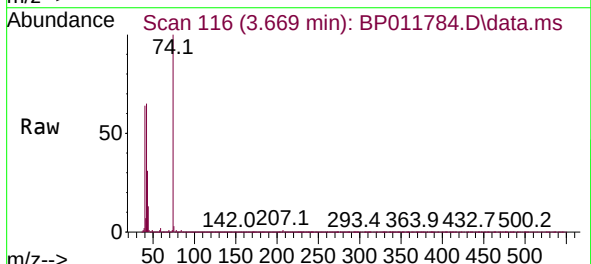
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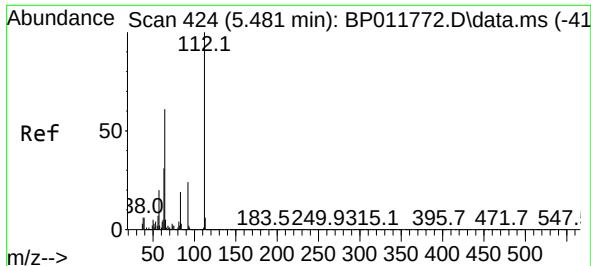
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#4
n-Nitrosodimethylamine
Concen: 36.795 ng
RT: 3.669 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion: 42 Resp: 387332
Ion Ratio Lower Upper
42 100
74 154.1 109.0 163.6
44 19.9 15.4 23.2





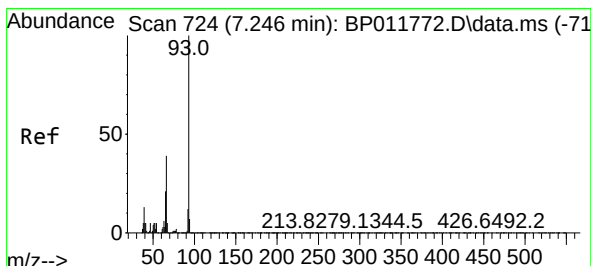
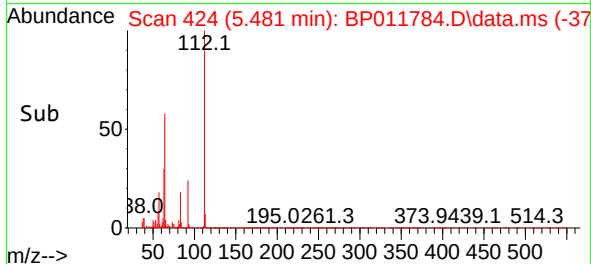
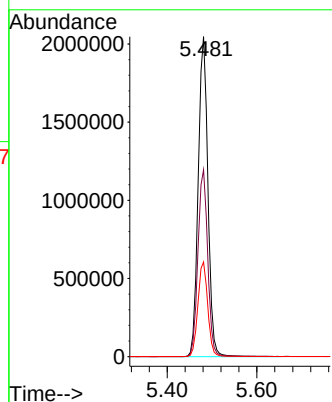
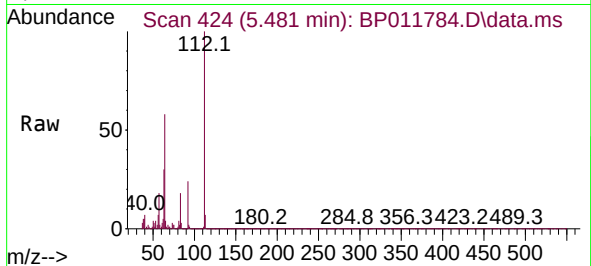
#5
2-Fluorophenol
Concen: 167.332 ng
RT: 5.481 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 3069682
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 29.6 25.2 37.8

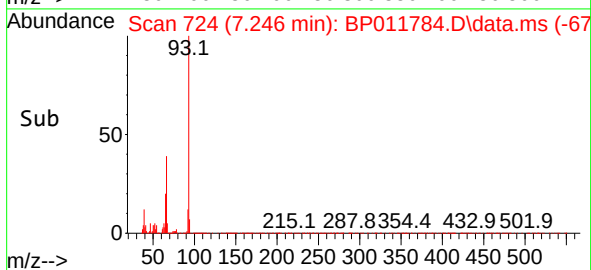
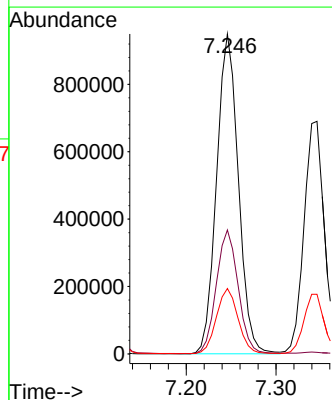
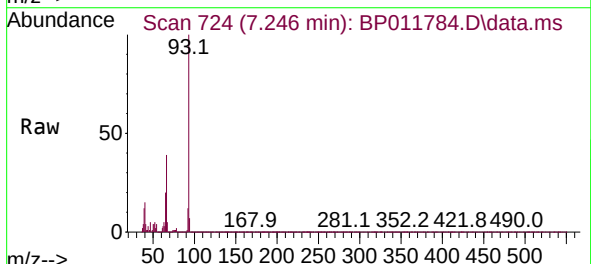
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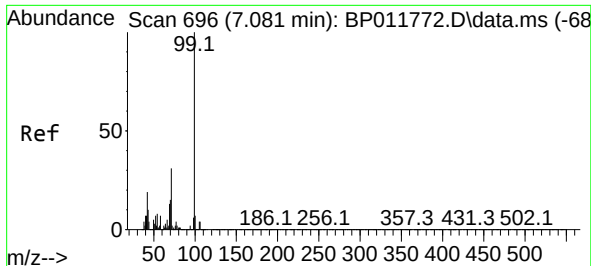
Reviewed By :Christian Giraldo 09/26/2022
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#6
Aniline
Concen: 47.714 ng
RT: 7.246 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP011784.D
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Tgt Ion: 93 Resp: 1609996
Ion Ratio Lower Upper
93 100
66 38.7 31.3 46.9
65 20.4 16.9 25.3





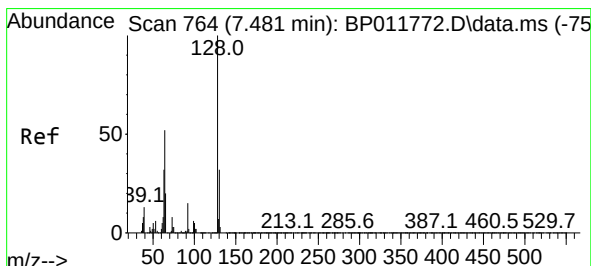
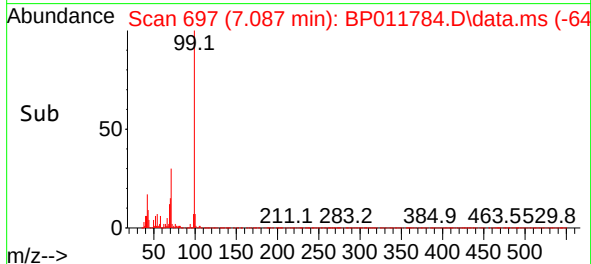
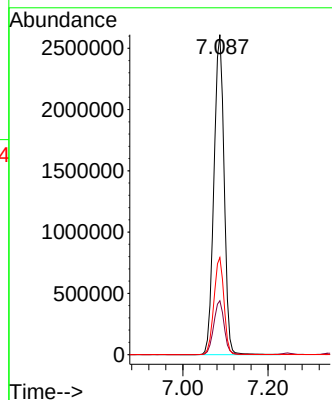
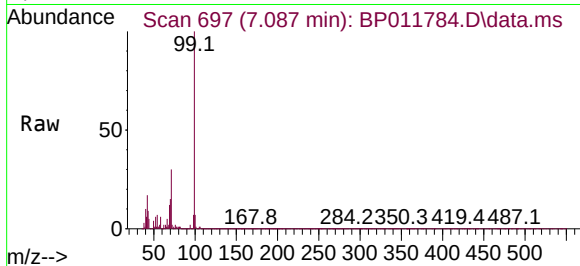
#7
Phenol-d6
Concen: 159.435 ng
RT: 7.087 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011784.D
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Instrument :
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Tgt Ion: 99 Resp: 4324621
Ion Ratio Lower Upper
99 100
42 16.8 15.4 23.2
71 30.3 24.7 37.1

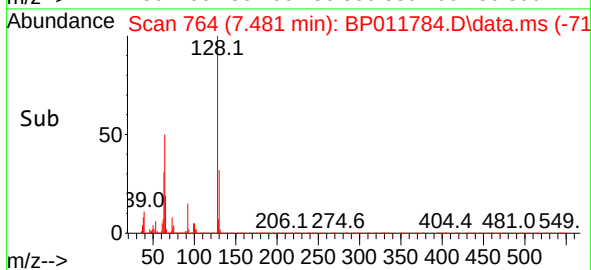
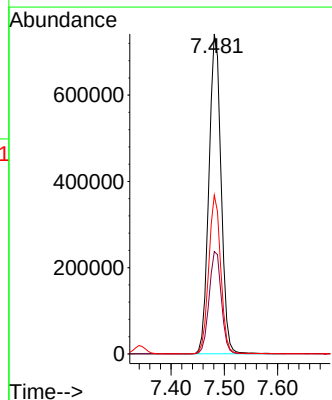
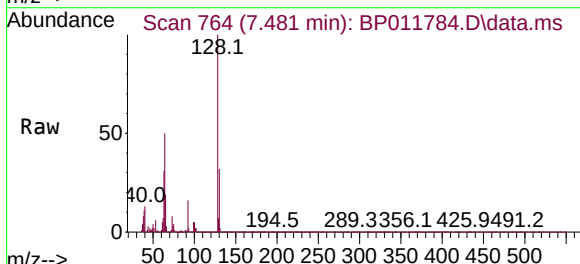
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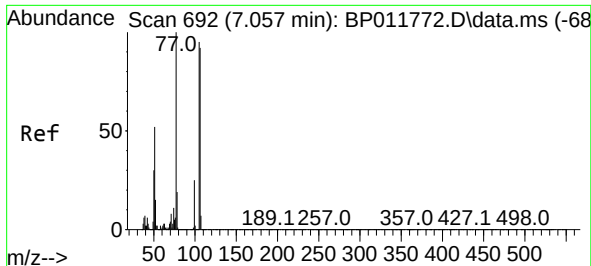
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#8
2-Chlorophenol
Concen: 52.782 ng
RT: 7.481 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

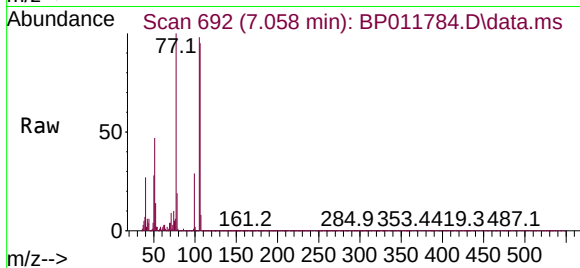
Tgt Ion:128 Resp: 1178037
Ion Ratio Lower Upper
128 100
130 32.0 12.1 52.1
64 49.6 32.6 72.6





#9
Benzaldehyde
Concen: 41.442 ng m
RT: 7.058 min Scan# 692
Delta R.T. 0.001 min
Lab File: BP011784.D
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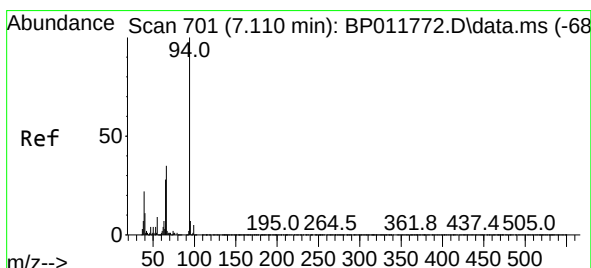
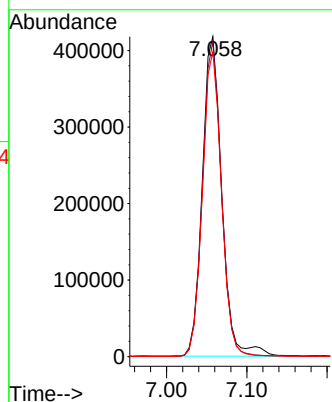
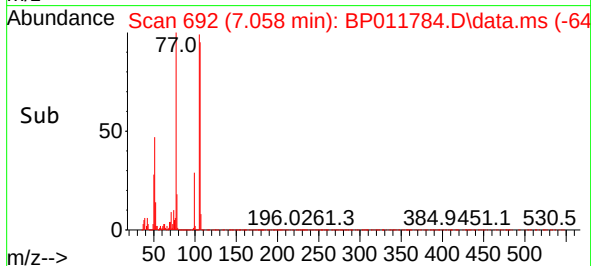
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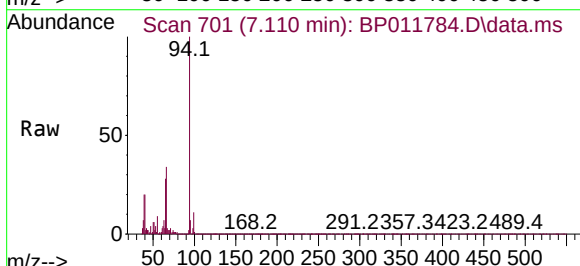
Tgt Ion: 77 Resp: 703276
Ion Ratio Lower Upper
77 100
105 98.4 75.4 115.4
106 95.2 71.6 111.6

Manual Integrations
APPROVED

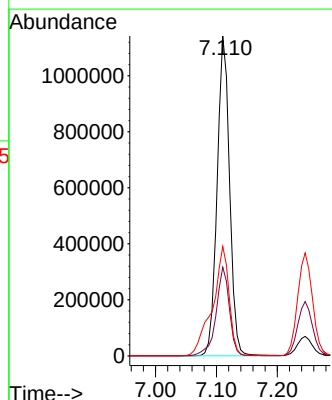
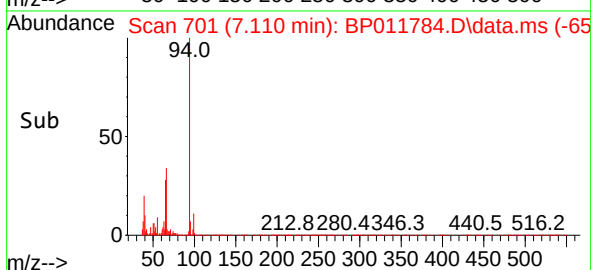
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

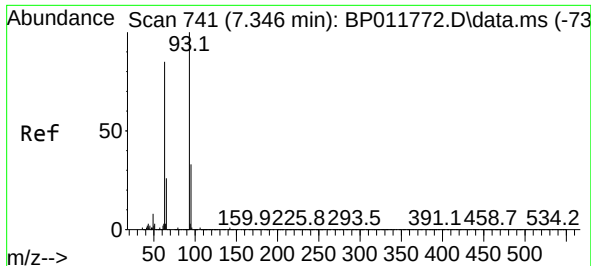


#10
Phenol
Concen: 53.177 ng
RT: 7.110 min Scan# 701
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



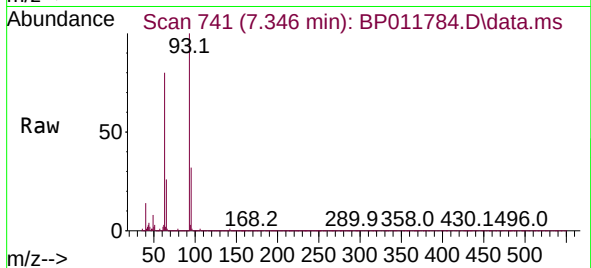
Tgt Ion: 94 Resp: 1624778
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 34.2 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 44.654 ng
RT: 7.346 min Scan# 741
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

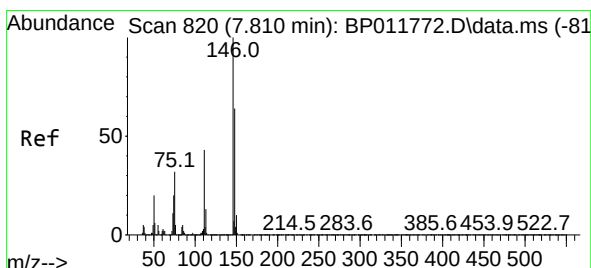
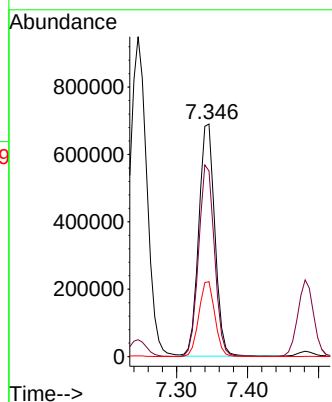
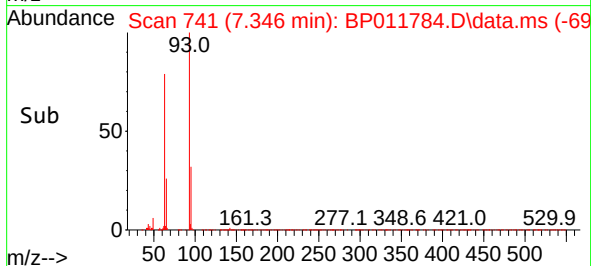
Instrument :
BNA_P
ClientSampleId :
PB147850BS



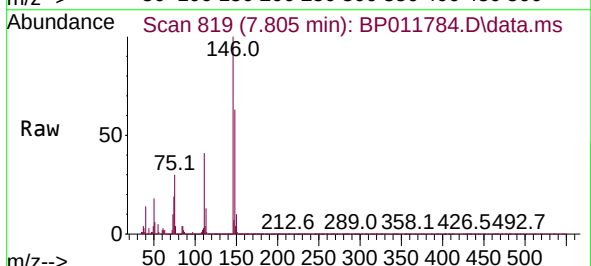
Tgt Ion: 93 Resp: 1079995
Ion Ratio Lower Upper
93 100
63 79.8 64.4 104.4
95 32.3 12.7 52.7

Manual Integrations
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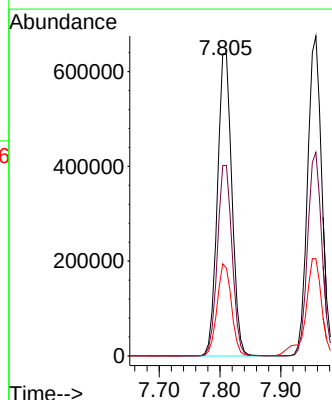
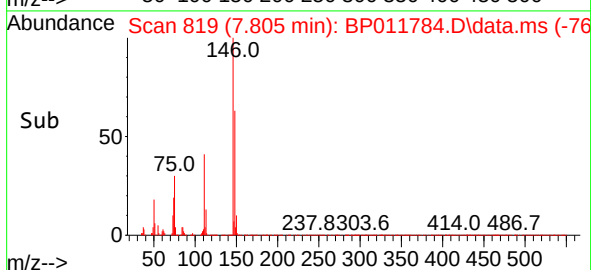
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

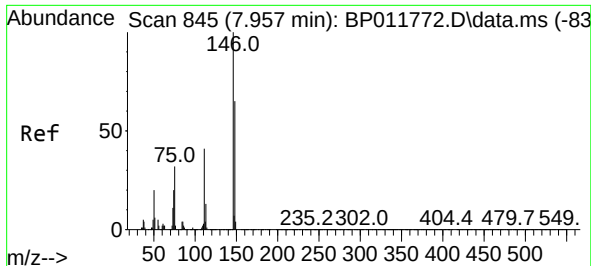


#12
1,3-Dichlorobenzene
Concen: 44.955 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



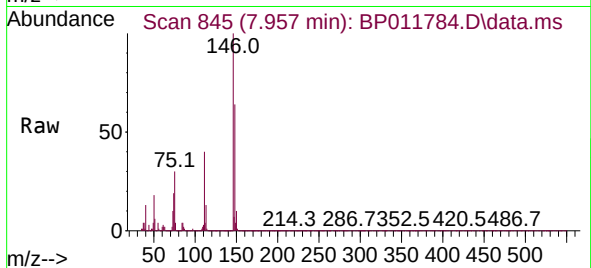
Tgt Ion:146 Resp: 1054322
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 30.5 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 45.267 ng
RT: 7.957 min Scan# 845
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

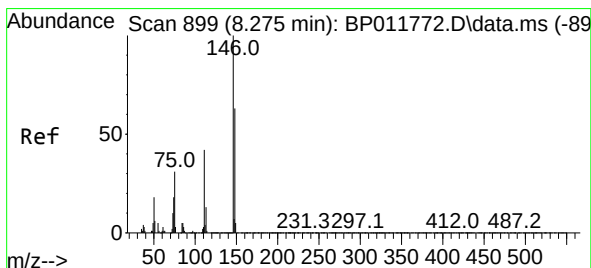
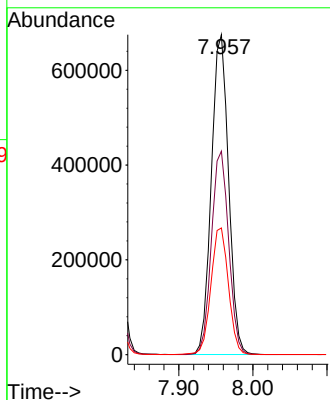
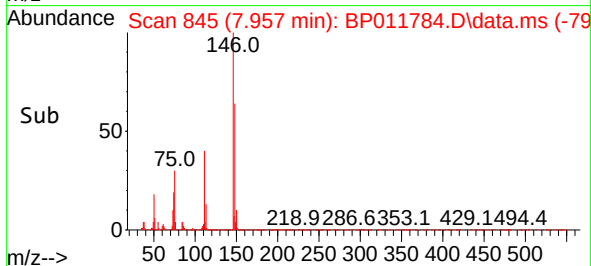
Instrument :
BNA_P
ClientSampleId :
PB147850BS



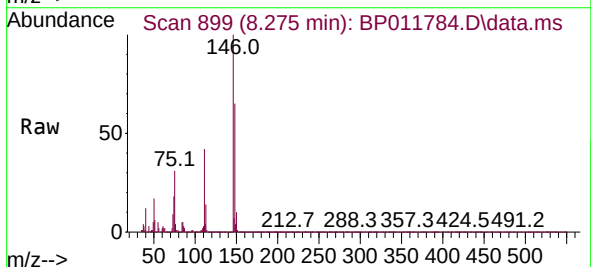
Tgt Ion:146 Resp: 1087893
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 39.6 32.6 48.8

Manual Integrations
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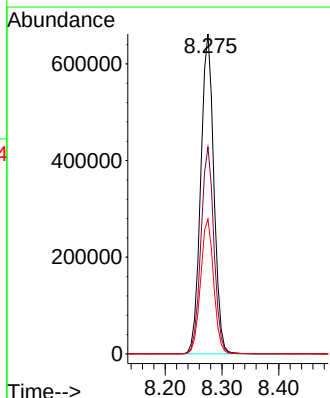
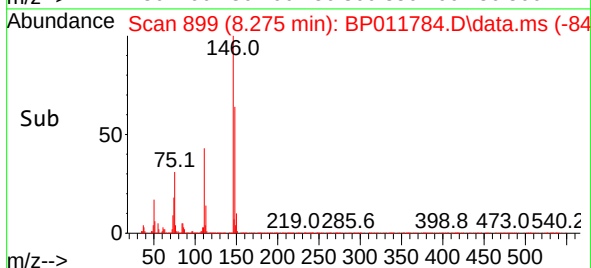
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

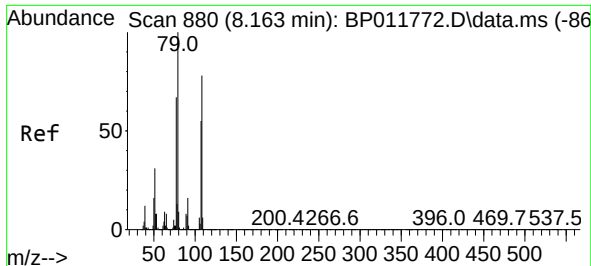


#14
1,2-Dichlorobenzene
Concen: 45.163 ng
RT: 8.275 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



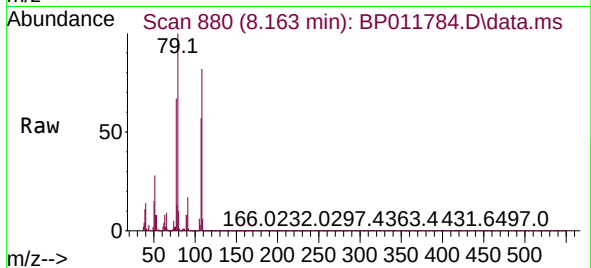
Tgt Ion:146 Resp: 1061855
Ion Ratio Lower Upper
146 100
148 64.6 50.6 76.0
111 42.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 50.550 ng m
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

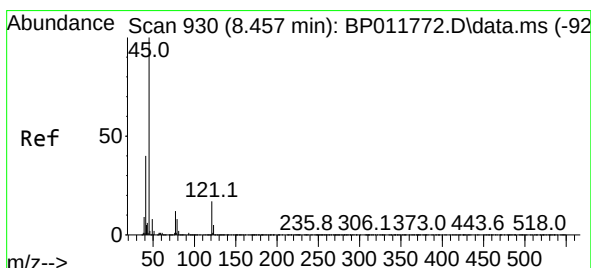
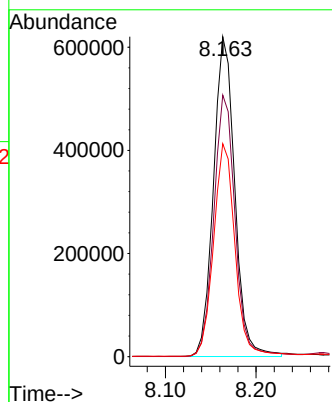
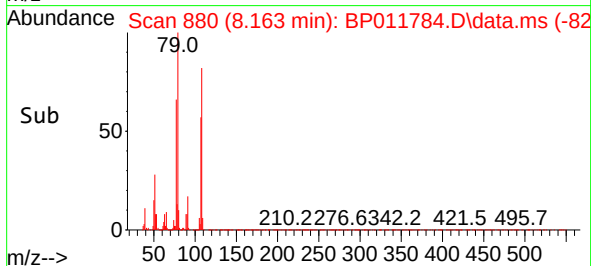
Instrument :
BNA_P
ClientSampleId :
PB147850BS



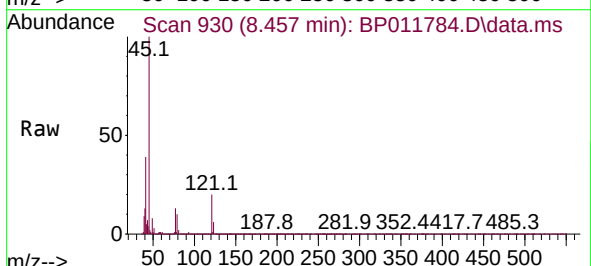
Tgt Ion: 79 Resp: 101308
Ion Ratio Lower Upper
79 100
108 81.7 62.7 94.1
77 66.5 53.8 80.6

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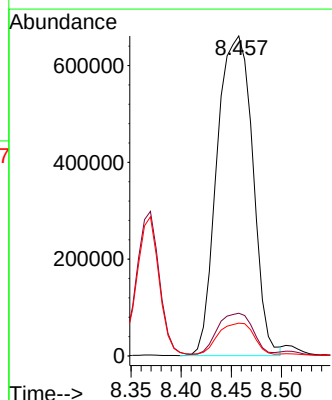
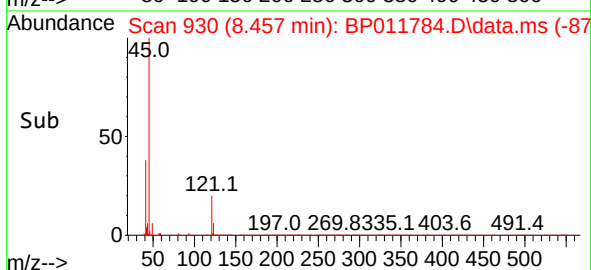
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

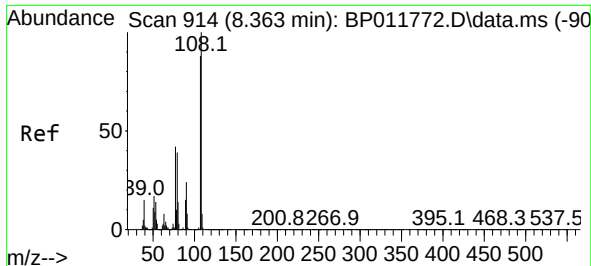


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.907 ng
RT: 8.457 min Scan# 930
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



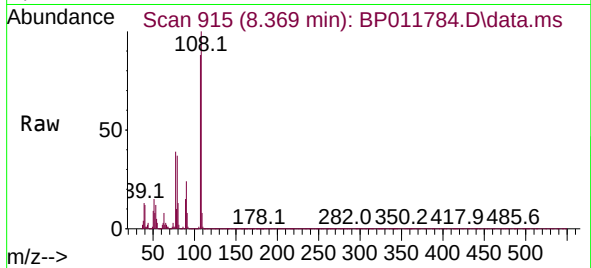
Tgt Ion: 45 Resp: 1634202
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.6
79 10.2 0.0 29.0





#17
2-Methylphenol
Concen: 53.017 ng
RT: 8.369 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

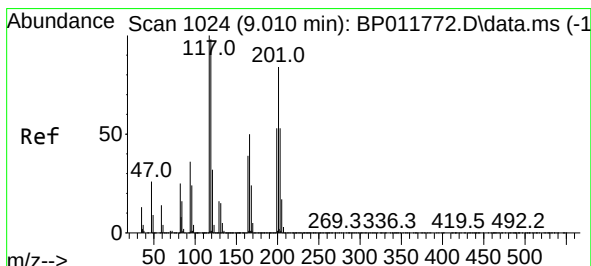
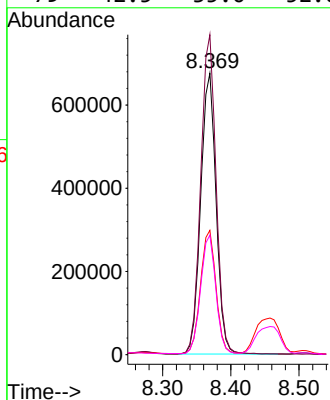
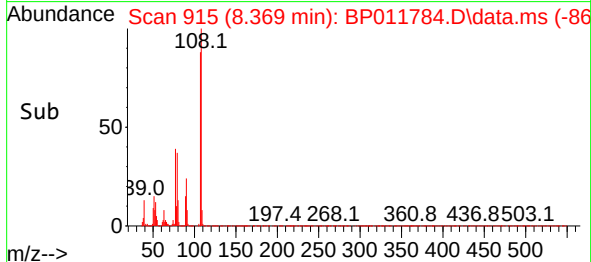
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:107 Resp: 1061748
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 44.2 38.0 57.0
79 42.5 35.0 52.6

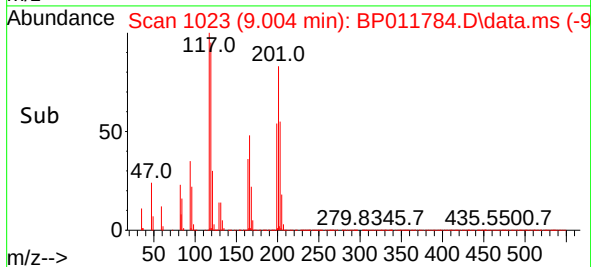
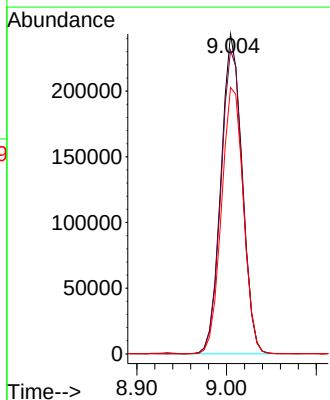
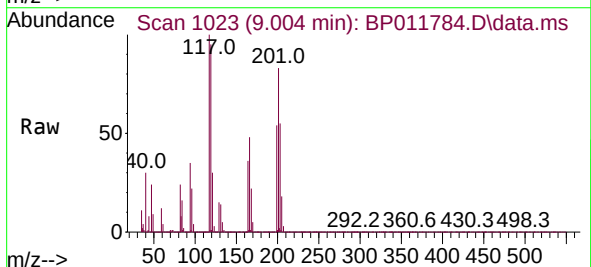
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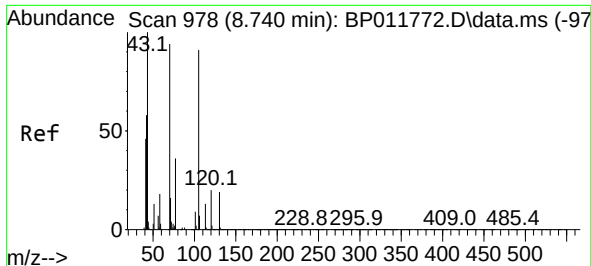
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#18
Hexachloroethane
Concen: 43.542 ng
RT: 9.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:117 Resp: 400635
Ion Ratio Lower Upper
117 100
119 94.9 78.8 118.2
201 83.3 67.4 101.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.356 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011784.D

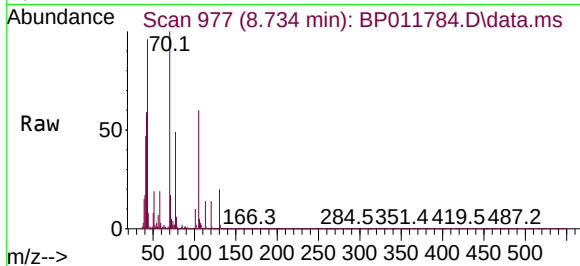
Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS



Tgt Ion: 70 Resp: 88451

Ion Ratio Lower Upper

70 100

42 58.7 50.1 75.1

101 9.6 7.6 11.4

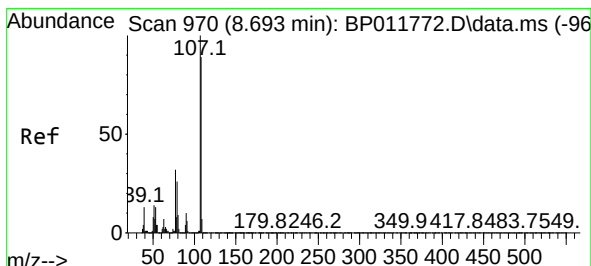
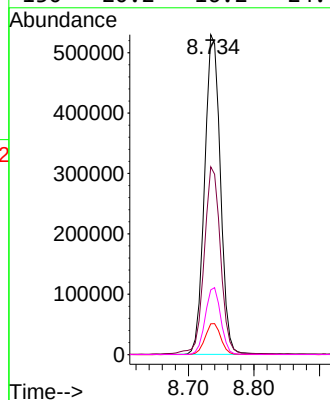
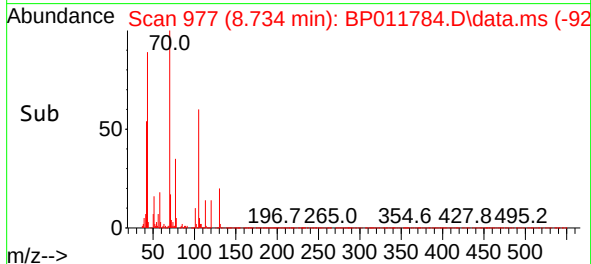
130 20.2 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#20

3+4-Methylphenols

Concen: 52.264 ng

RT: 8.699 min Scan# 971

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:107 Resp: 1469579

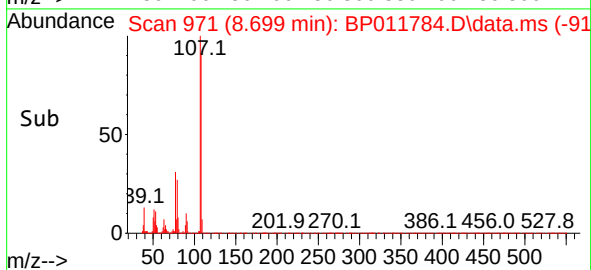
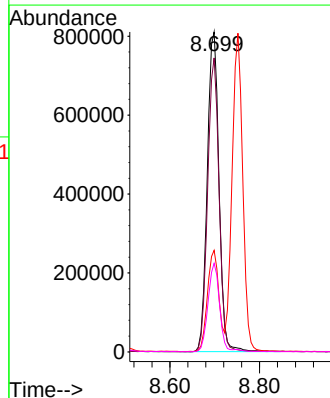
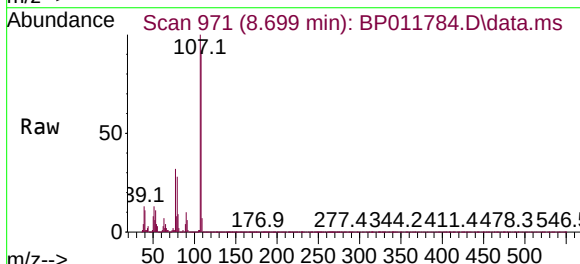
Ion Ratio Lower Upper

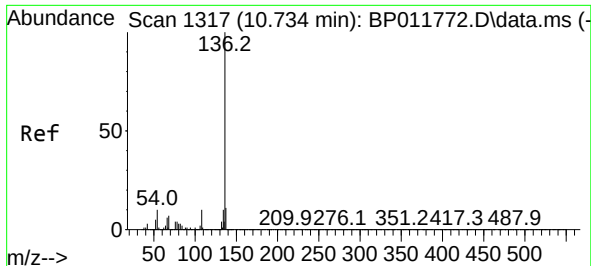
107 100

108 91.9 69.2 109.2

77 31.7 12.5 52.5

79 27.7 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

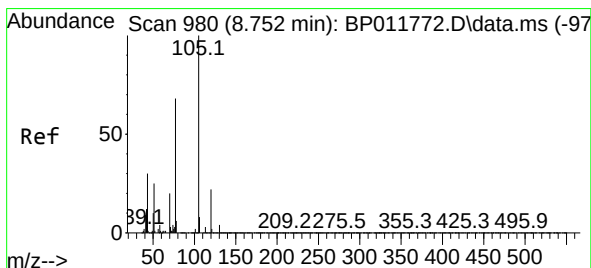
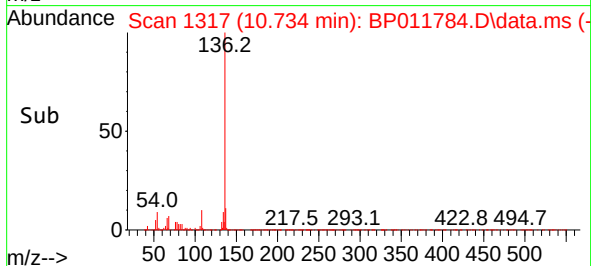
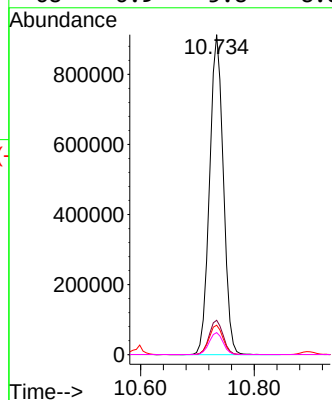
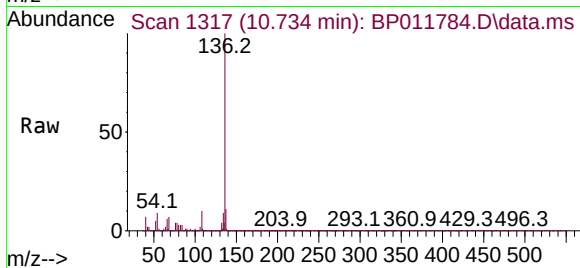
PB147850BS

Tgt Ion:136 Resp: 1539110
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.2 8.2 12.4
68 6.9 5.8 8.8

Manual Integrations

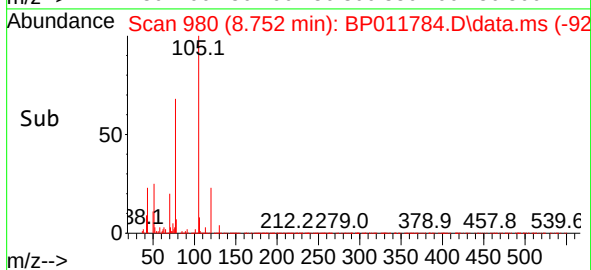
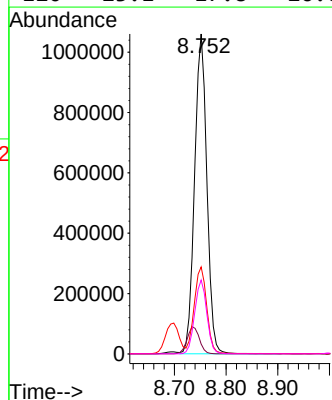
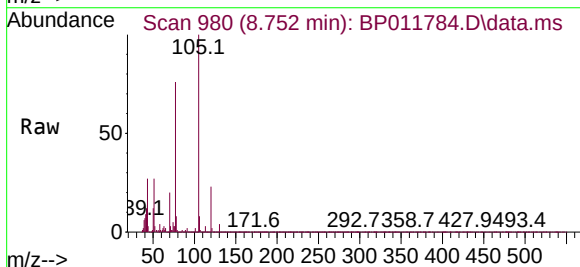
APPROVED

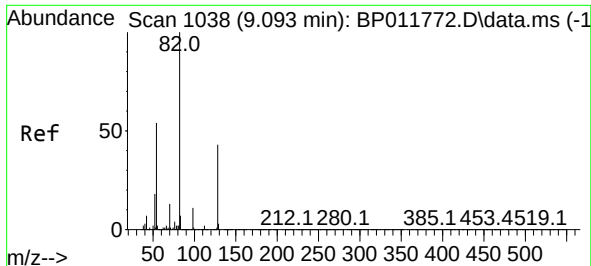
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#22
Acetophenone
Concen: 45.092 ng
RT: 8.752 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:105 Resp: 1743340
Ion Ratio Lower Upper
105 100
71 3.1 2.7 4.1
51 27.2 23.6 35.4
120 23.1 17.8 26.6





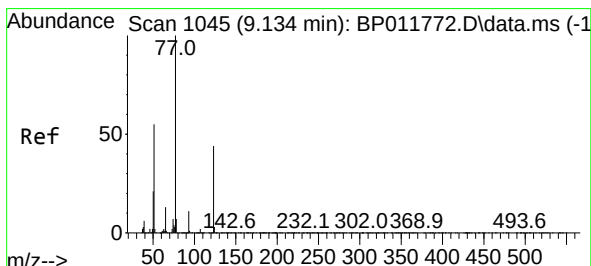
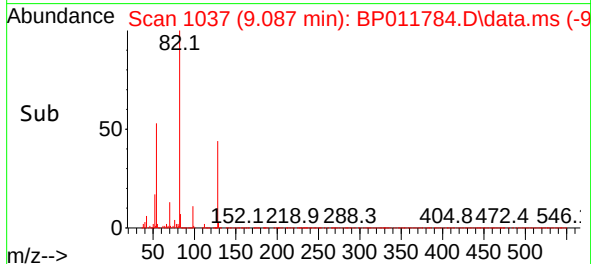
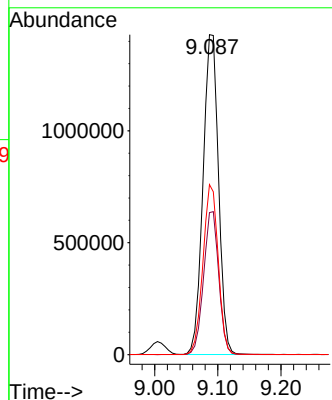
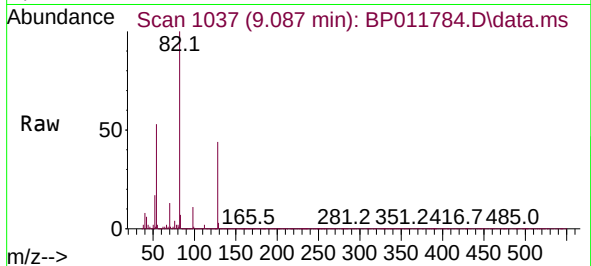
#23
Nitrobenzene-d5
Concen: 82.754 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion: 82 Resp: 2433446
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 53.1 43.1 64.7

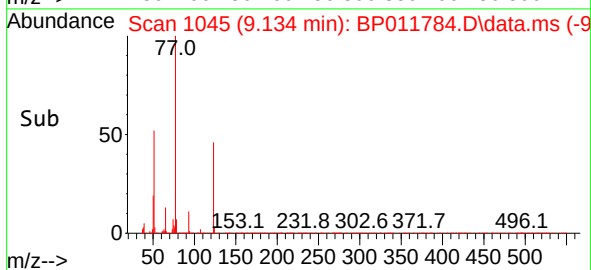
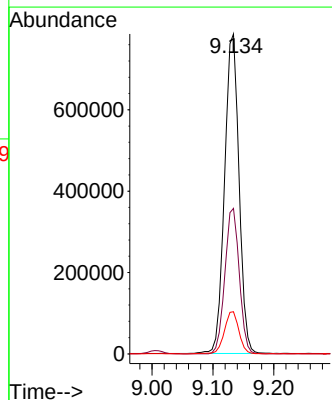
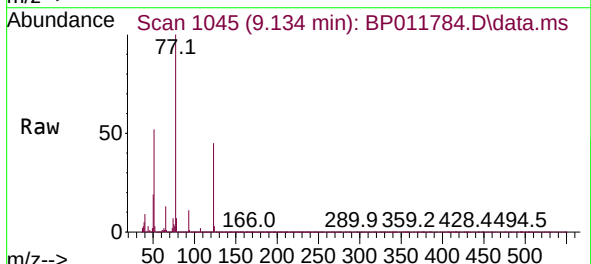
Manual Integrations
APPROVED

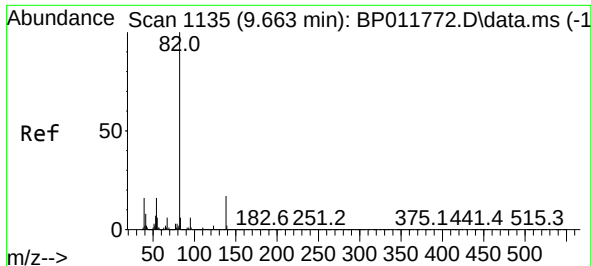
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#24
Nitrobenzene
Concen: 42.725 ng
RT: 9.134 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

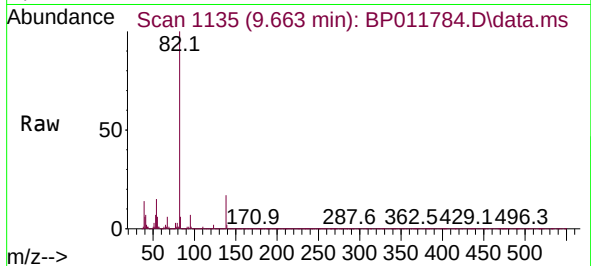
Tgt Ion: 77 Resp: 1298113
Ion Ratio Lower Upper
77 100
123 45.5 35.0 52.4
65 13.2 10.7 16.1





#25
Isophorone
Concen: 46.397 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

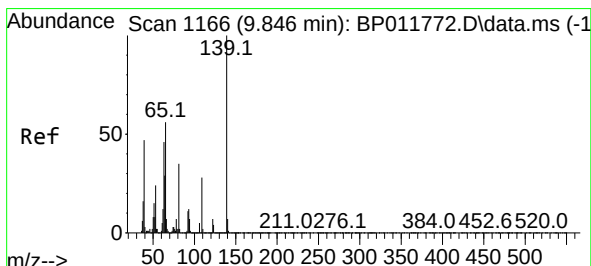
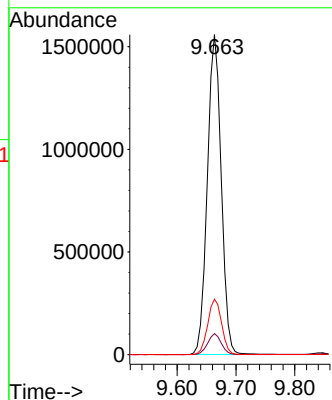
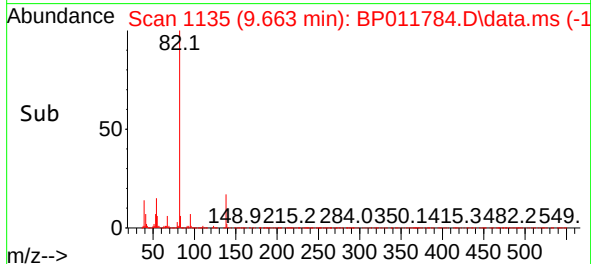
Instrument :
BNA_P
ClientSampleId :
PB147850BS



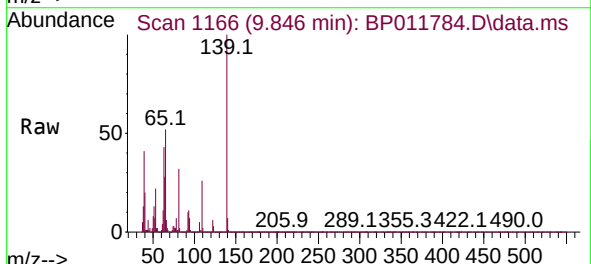
Tgt Ion: 82 Resp: 2559528
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.3 13.6 20.4

Manual Integrations
APPROVED

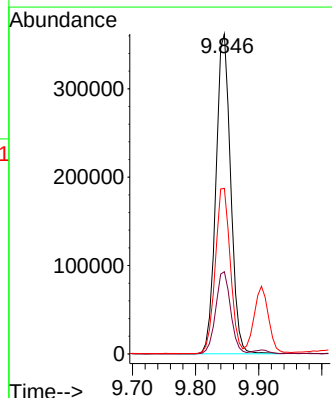
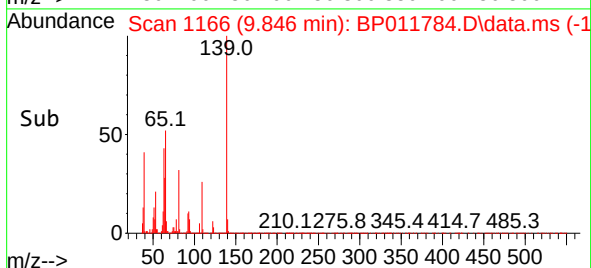
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

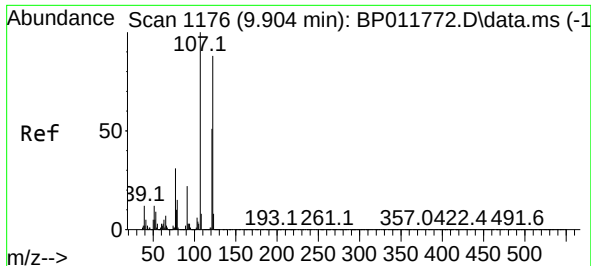


#26
2-Nitrophenol
Concen: 47.894 ng
RT: 9.846 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



Tgt Ion:139 Resp: 587568
Ion Ratio Lower Upper
139 100
109 25.7 22.6 34.0
65 51.7 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 60.429 ng

RT: 9.904 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BP011784.D

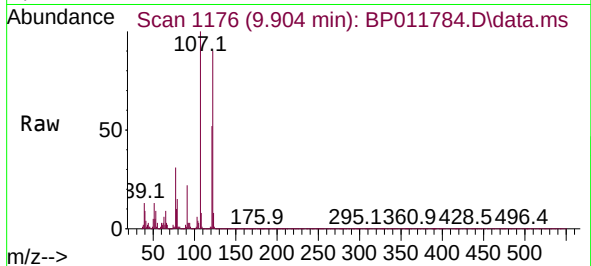
Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS



Tgt Ion:122 Resp: 117736

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

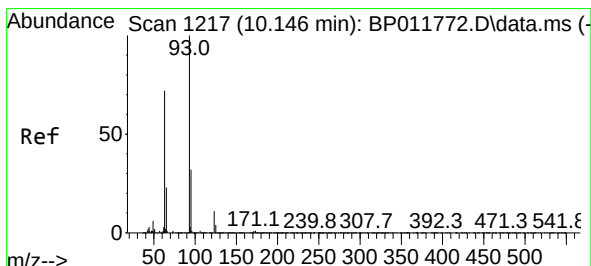
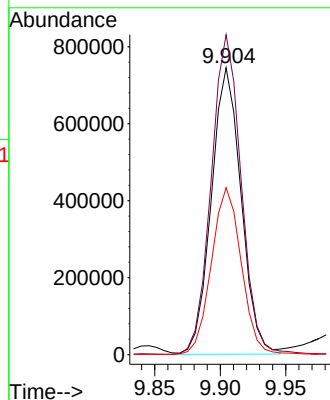
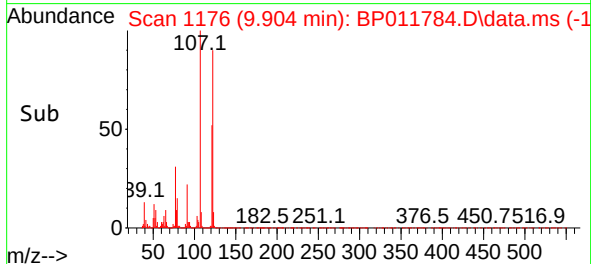
121 58.2 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.845 ng

RT: 10.146 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

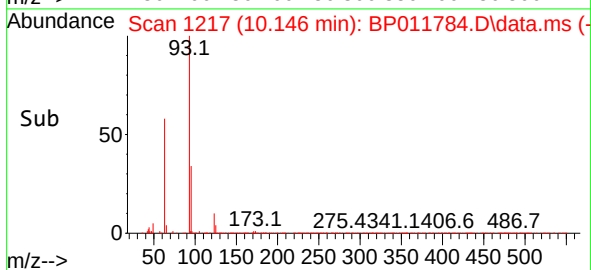
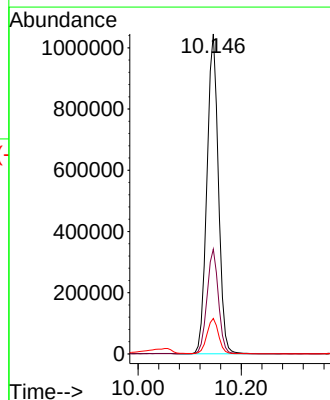
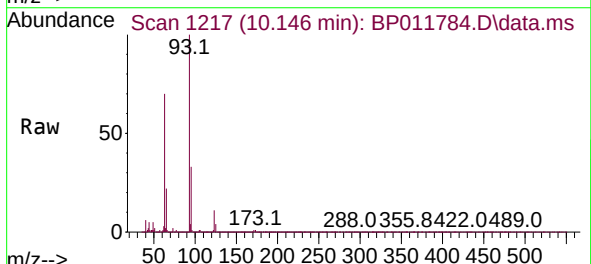
Tgt Ion: 93 Resp: 1602469

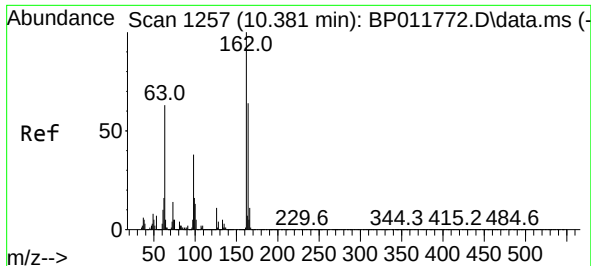
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.244 ng

RT: 10.381 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

Tgt Ion:162 Resp: 1130805

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

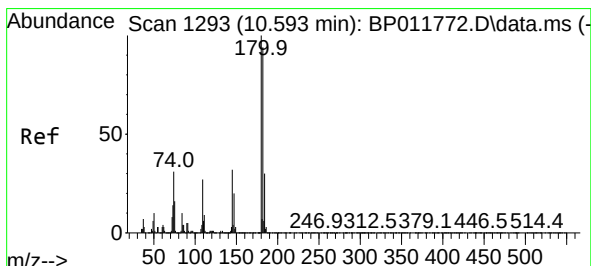
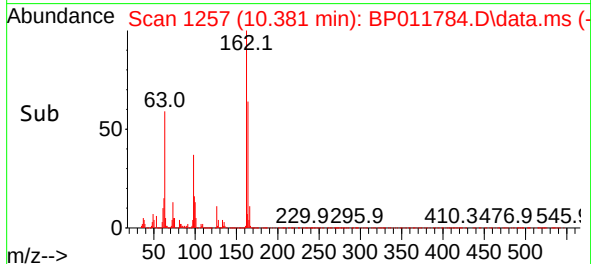
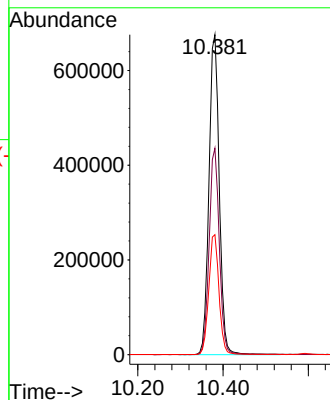
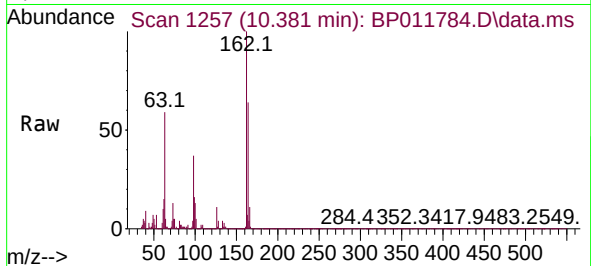
98 37.5 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.544 ng

RT: 10.593 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

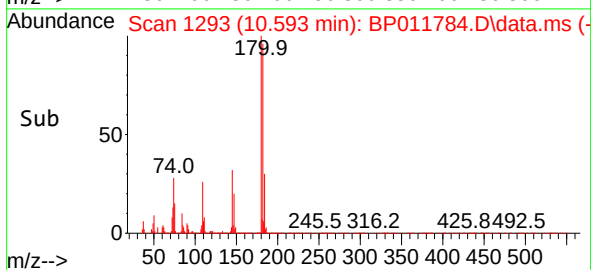
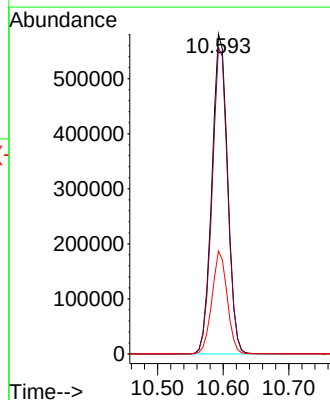
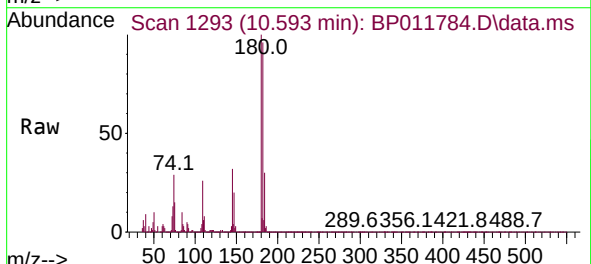
Tgt Ion:180 Resp: 966921

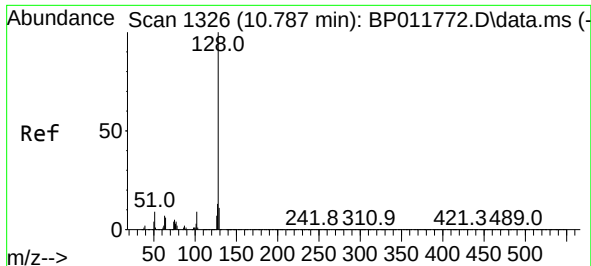
Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

145 32.1 25.8 38.6





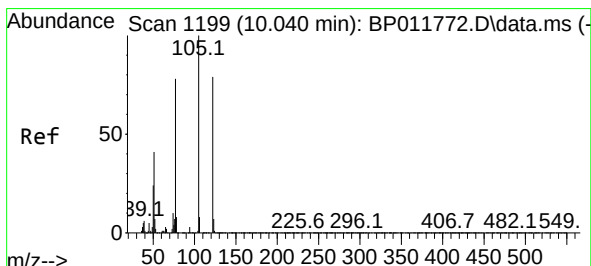
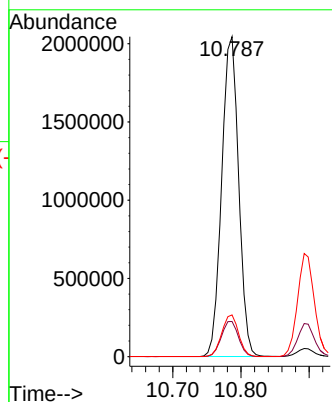
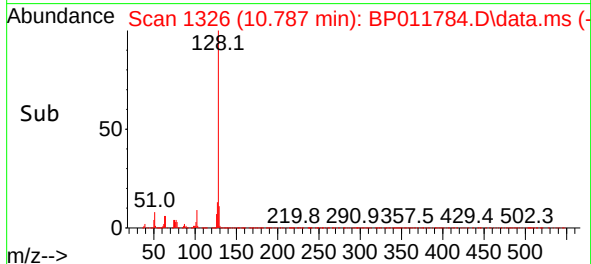
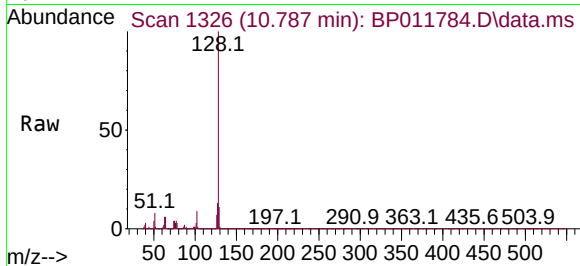
#31
Naphthalene
Concen: 43.024 ng
RT: 10.787 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:128 Resp: 3510674
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7

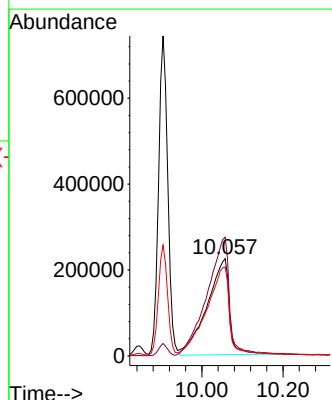
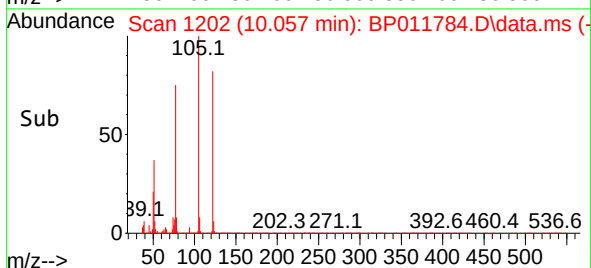
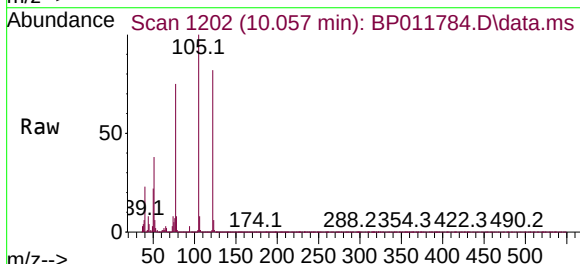
Manual Integrations
APPROVED

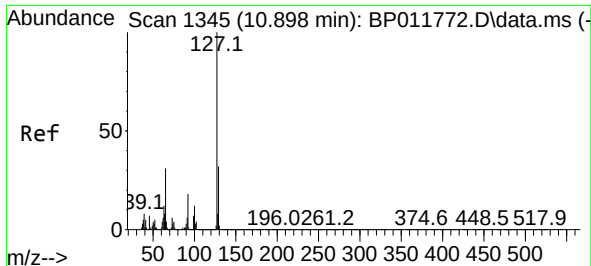
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#32
Benzoic acid
Concen: 50.744 ng
RT: 10.057 min Scan# 1202
Delta R.T. 0.017 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

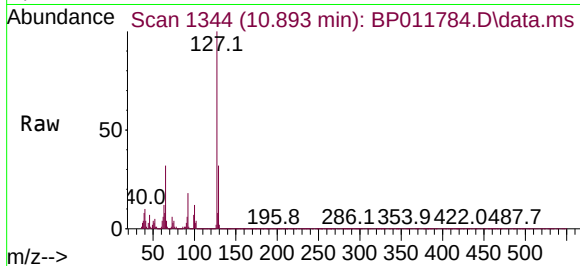
Tgt Ion:122 Resp: 854055
Ion Ratio Lower Upper
122 100
105 122.0 101.0 141.0
77 91.7 75.9 115.9





#33
4-Chloroaniline
Concen: 33.614 ng
RT: 10.893 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

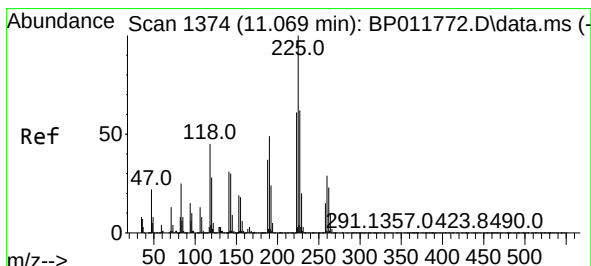
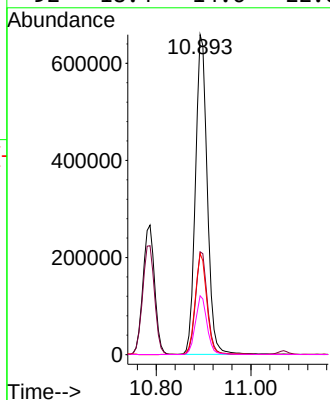
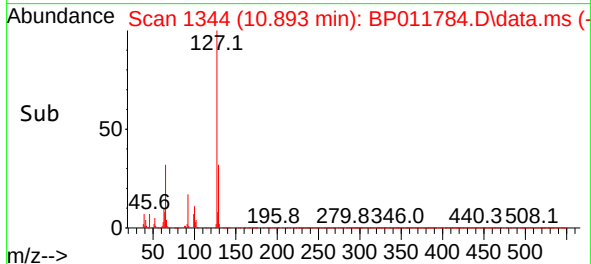
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:127 Resp: 1143550
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 31.6 25.1 37.7
92 18.4 14.6 22.0

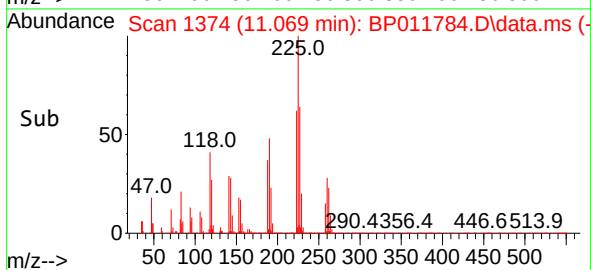
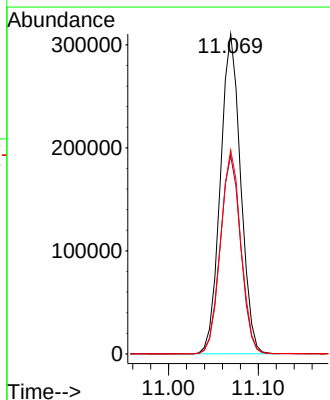
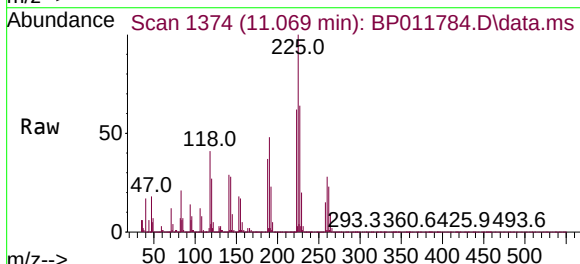
Manual Integrations
APPROVED

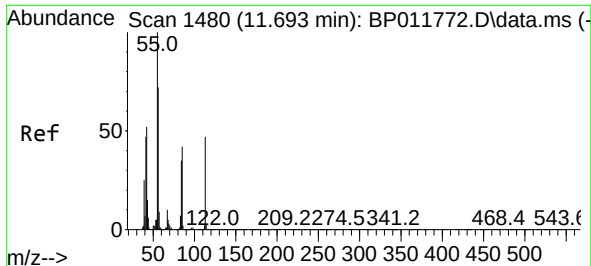
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#34
Hexachlorobutadiene
Concen: 44.763 ng
RT: 11.069 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

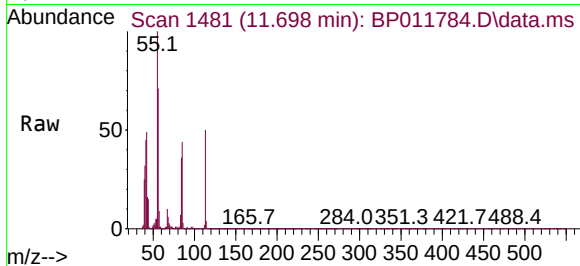
Tgt Ion:225 Resp: 490079
Ion Ratio Lower Upper
225 100
223 61.9 49.0 73.4
227 63.7 49.6 74.4





#35
Caprolactam
Concen: 52.348 ng m
RT: 11.698 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

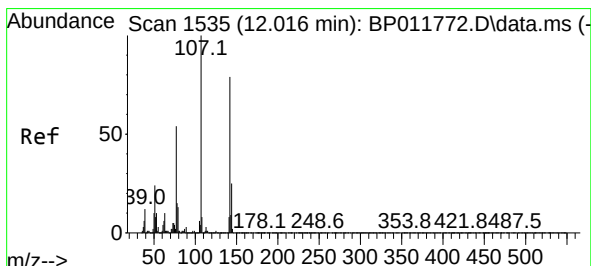
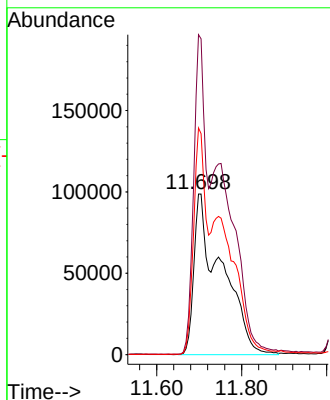
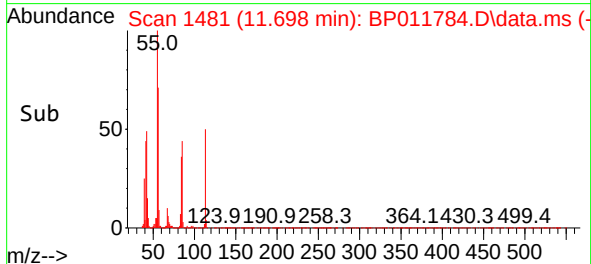
Instrument :
BNA_P
ClientSampleId :
PB147850BS



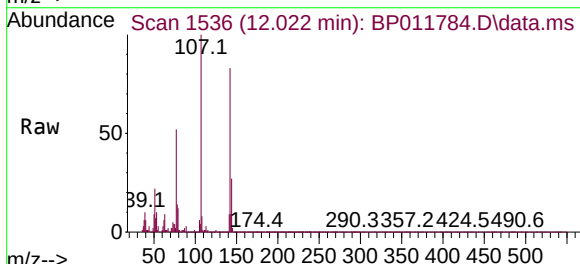
Tgt Ion:113 Resp: 443510
Ion Ratio Lower Upper
113 100
55 199.3 191.1 231.1
56 141.2 131.1 171.1

Manual Integrations
APPROVED

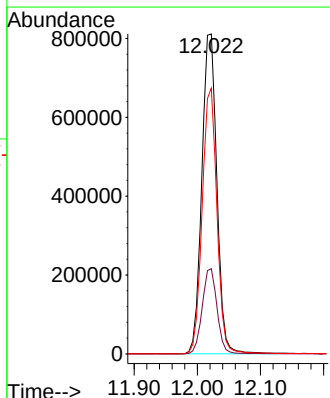
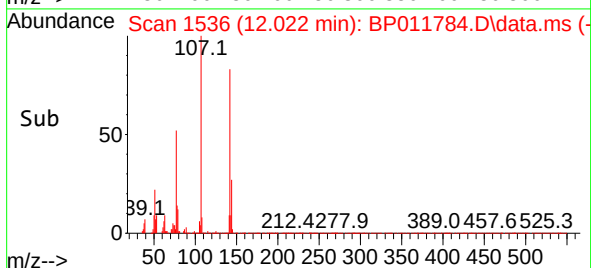
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

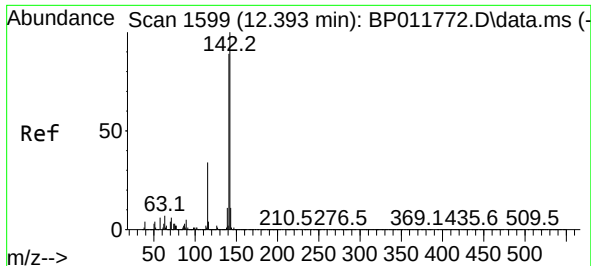


#36
4-Chloro-3-methylphenol
Concen: 53.113 ng
RT: 12.022 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



Tgt Ion:107 Resp: 1343813
Ion Ratio Lower Upper
107 100
144 26.6 20.2 30.2
142 83.1 63.5 95.3





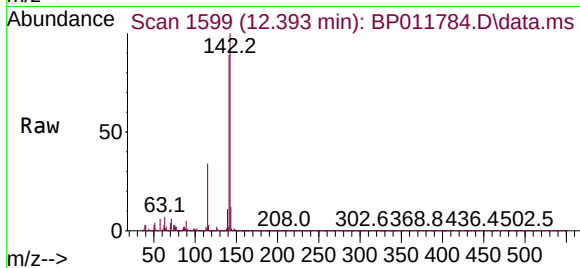
#37
2-Methylnaphthalene
Concen: 45.475 ng
RT: 12.393 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

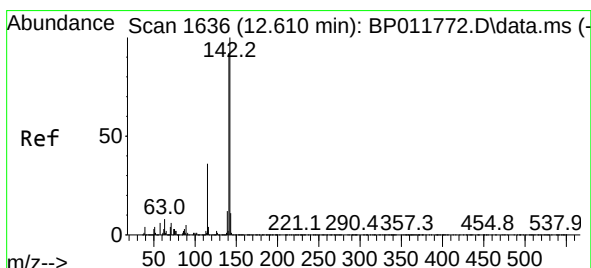
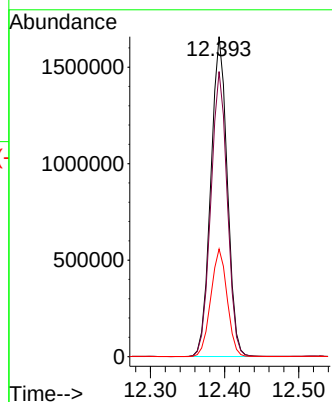
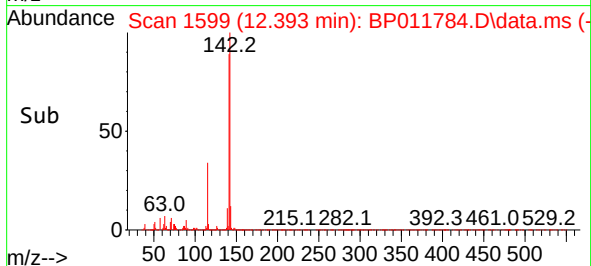


Tgt Ion:142 Resp: 2562520
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7
115 33.7 27.4 41.0

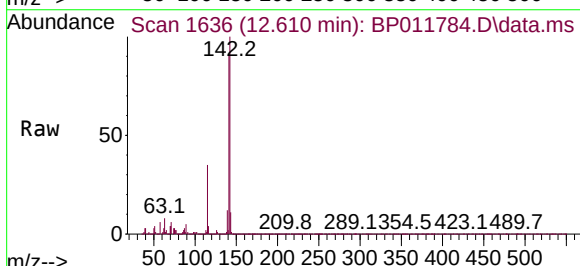
Manual Integrations

APPROVED

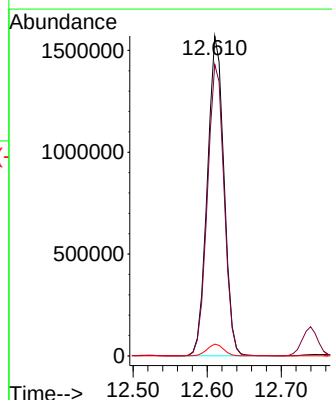
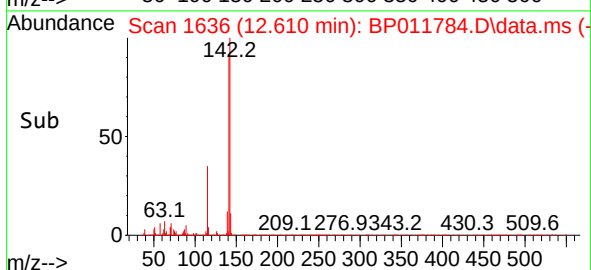
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

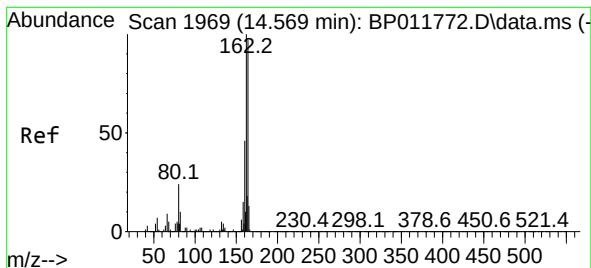


#38
1-Methylnaphthalene
Concen: 44.057 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



Tgt Ion:142 Resp: 2444775
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

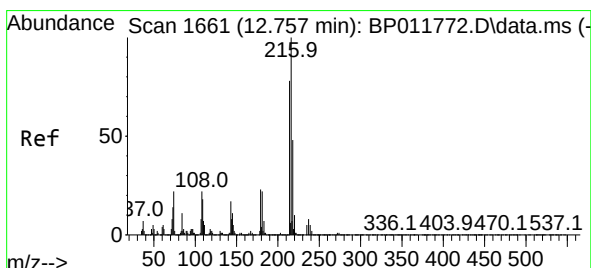
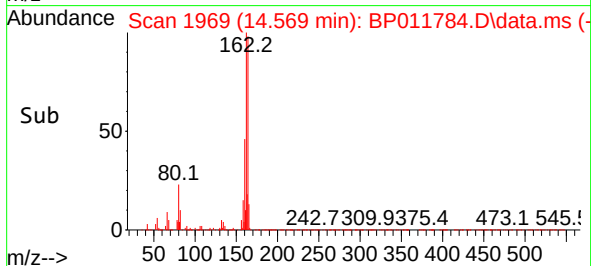
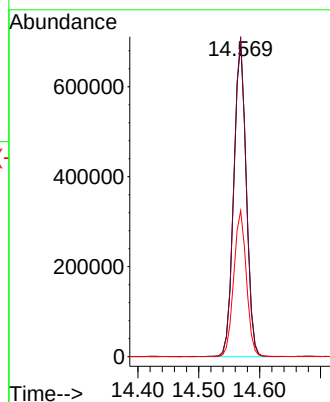
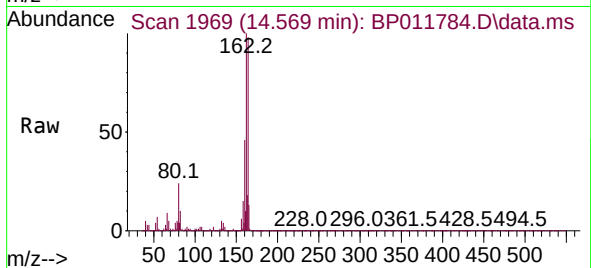
Tgt Ion:164 Resp: 98834

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.5	123.7
160	46.5	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.670 ng

RT: 12.757 min Scan# 1661

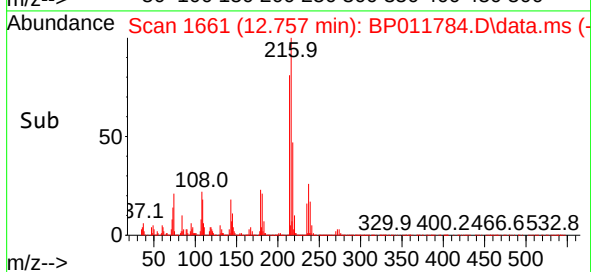
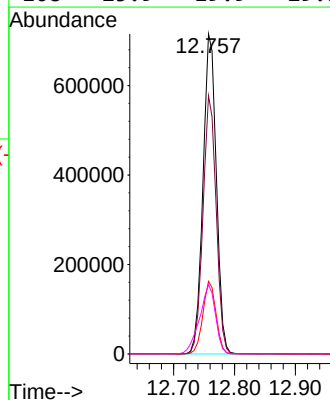
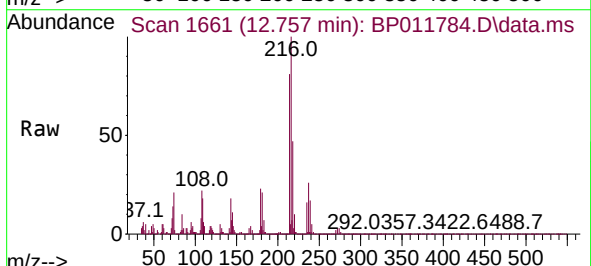
Delta R.T. 0.000 min

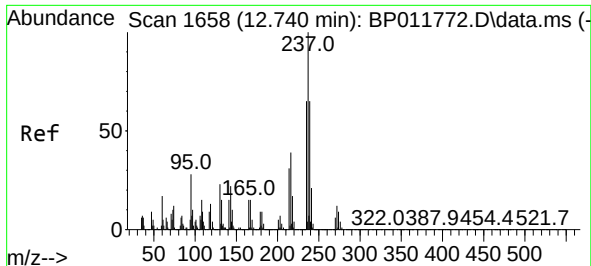
Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:216 Resp: 1084083

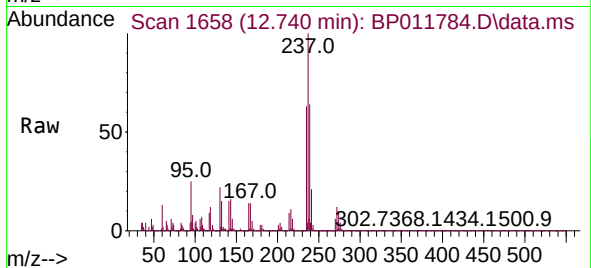
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.3	94.9
179	22.4	18.5	27.7
108	25.9	19.9	29.9





#41
Hexachlorocyclopentadiene
Concen: 126.003 ng
RT: 12.740 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

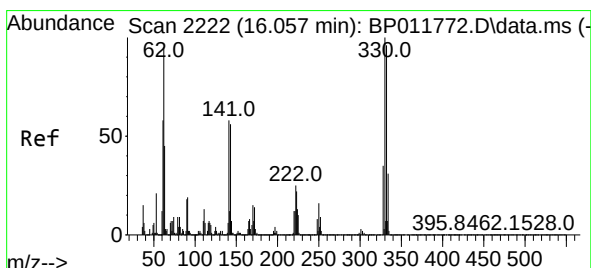
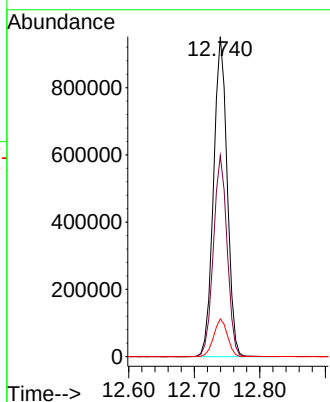
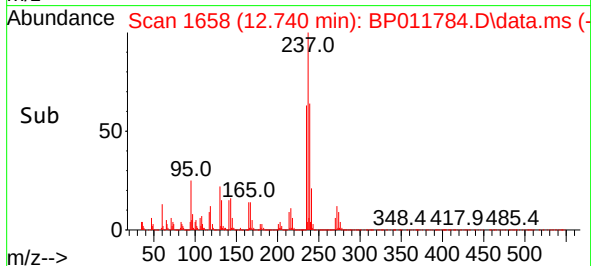
Instrument :
BNA_P
ClientSampleId :
PB147850BS



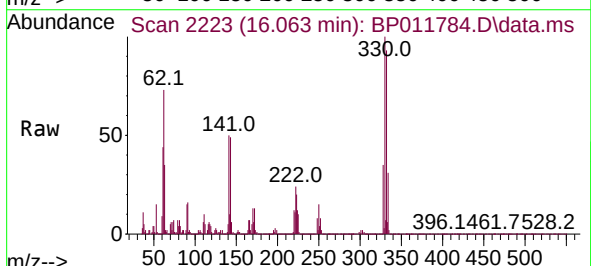
Tgt Ion: 237 Resp: 1376431
Ion Ratio Lower Upper
237 100
235 62.8 45.5 85.5
272 11.8 0.0 31.6

Manual Integrations
APPROVED

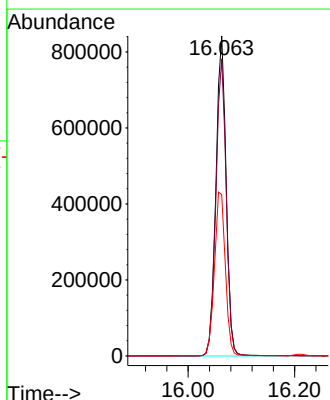
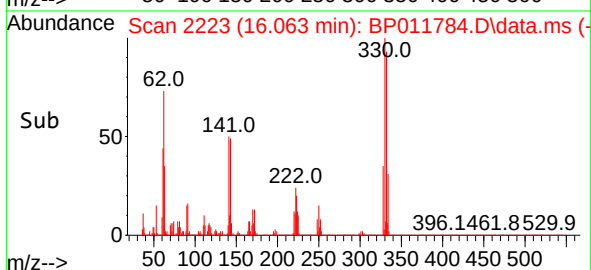
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022

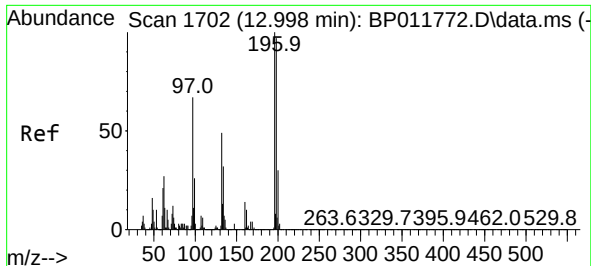


#42
2,4,6-Tribromophenol
Concen: 168.613 ng
RT: 16.063 min Scan# 2223
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



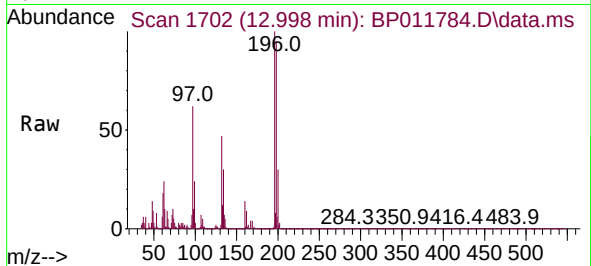
Tgt Ion: 330 Resp: 1122113
Ion Ratio Lower Upper
330 100
332 94.0 76.6 114.8
141 54.8 48.7 73.1





#43
2,4,6-Trichlorophenol
Concen: 53.087 ng
RT: 12.998 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

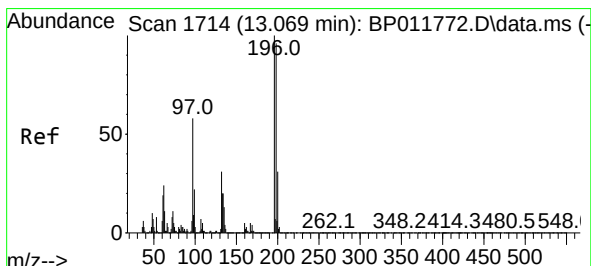
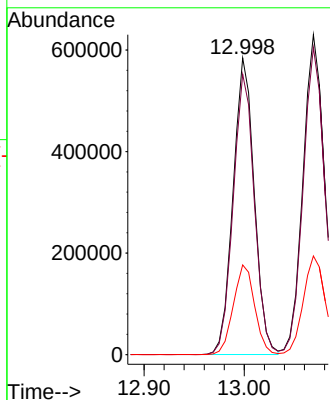
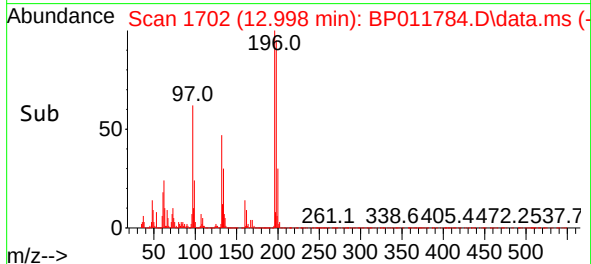
Instrument :
BNA_P
ClientSampleId :
PB147850BS



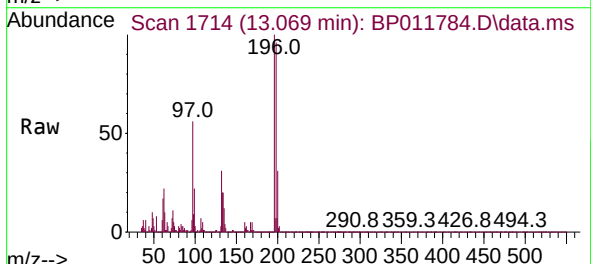
Tgt Ion:196 Resp: 855939
Ion Ratio Lower Upper
196 100
198 94.5 77.8 116.6
200 30.2 24.3 36.5

Manual Integrations
APPROVED

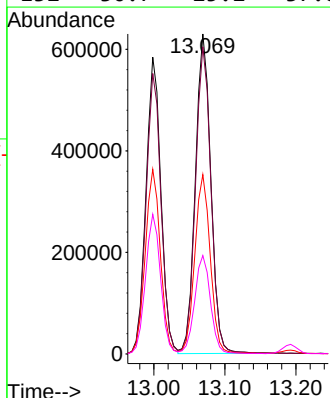
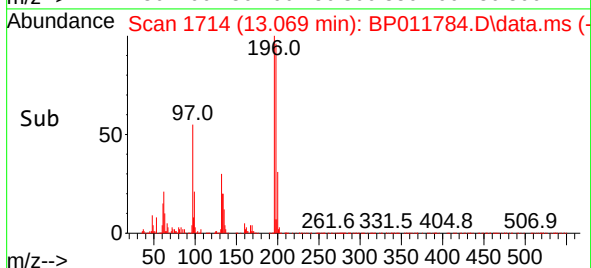
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

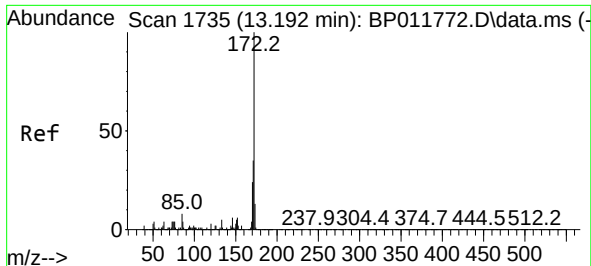


#44
2,4,5-Trichlorophenol
Concen: 51.205 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



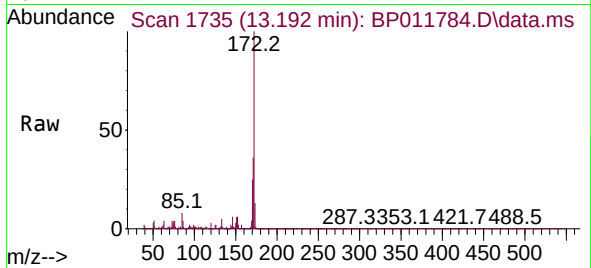
Tgt Ion:196 Resp: 948939
Ion Ratio Lower Upper
196 100
198 96.0 77.0 115.6
97 56.0 46.2 69.4
132 30.7 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 86.613 ng
RT: 13.192 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

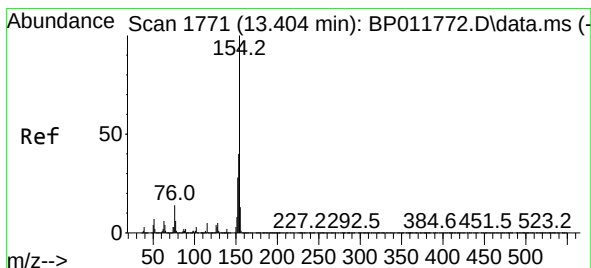
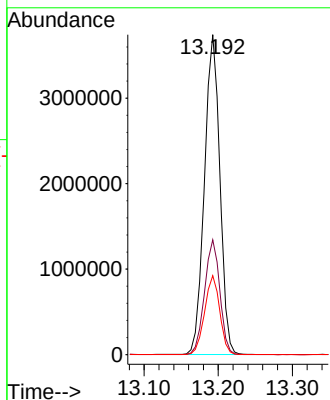
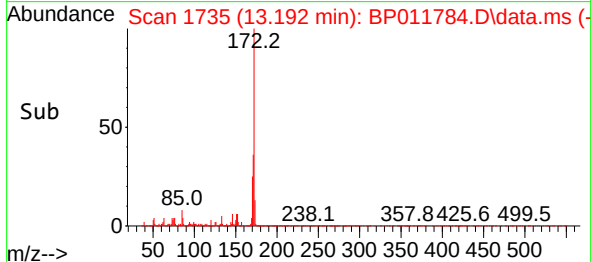
Instrument :
BNA_P
ClientSampleId :
PB147850BS



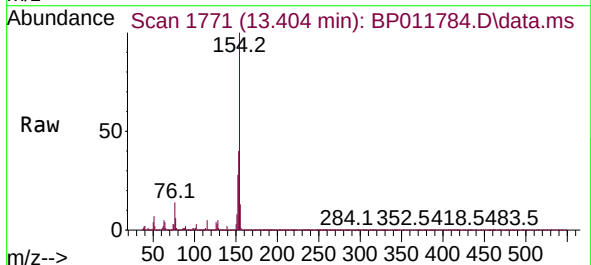
Tgt Ion:172 Resp: 5413192
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.7 19.5 29.3

Manual Integrations
APPROVED

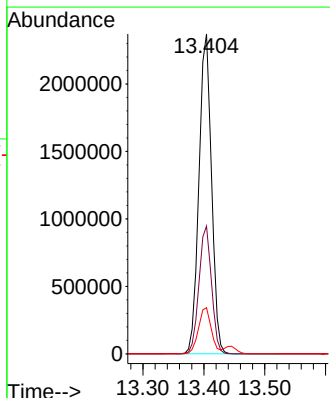
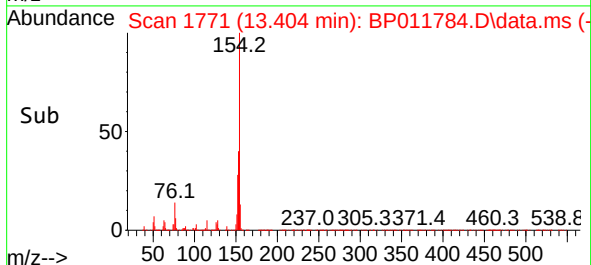
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

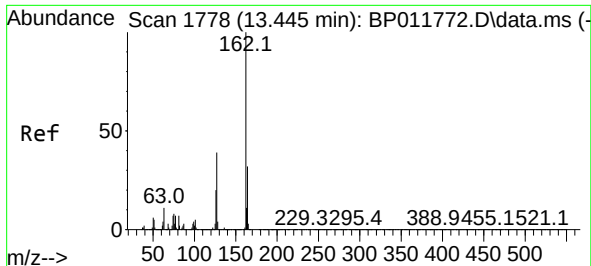


#46
1,1'-Biphenyl
Concen: 47.135 ng
RT: 13.404 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



Tgt Ion:154 Resp: 3384668
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 14.4 0.0 34.2





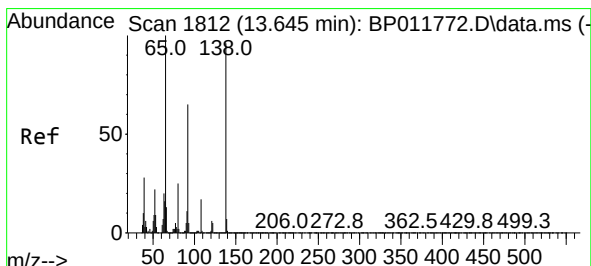
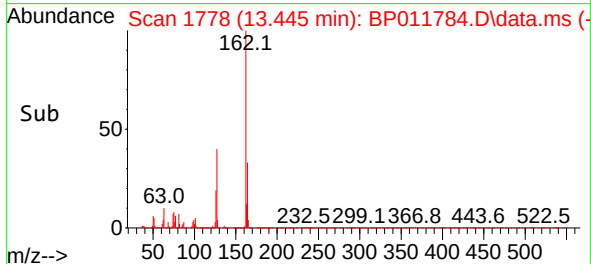
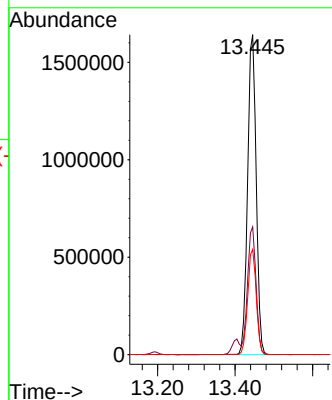
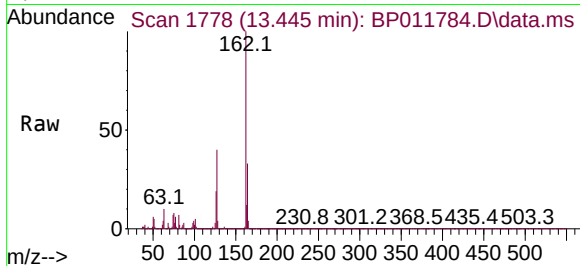
#47
2-Chloronaphthalene
Concen: 45.197 ng
RT: 13.445 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion: 162 Resp: 2517390
Ion Ratio Lower Upper
162 100
127 39.9 31.5 47.3
164 32.9 25.9 38.9

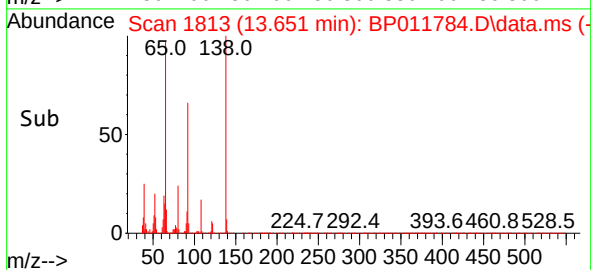
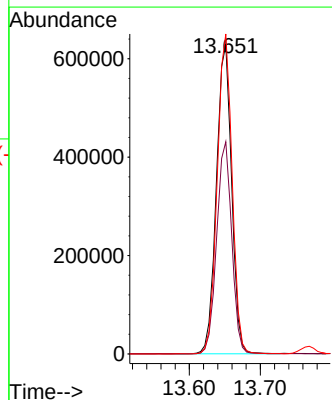
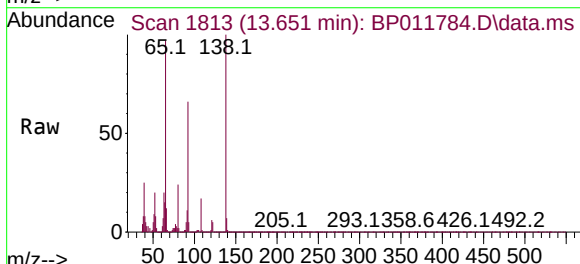
Manual Integrations
APPROVED

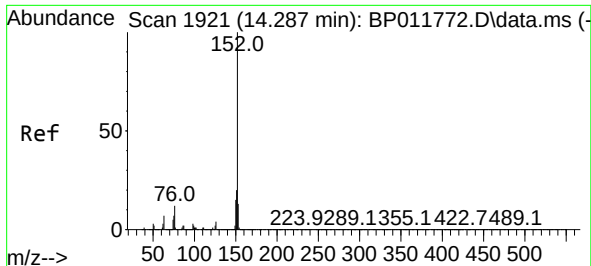
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#48
2-Nitroaniline
Concen: 47.114 ng
RT: 13.651 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion: 65 Resp: 935621
Ion Ratio Lower Upper
65 100
92 68.6 52.3 78.5
138 103.5 76.5 114.7





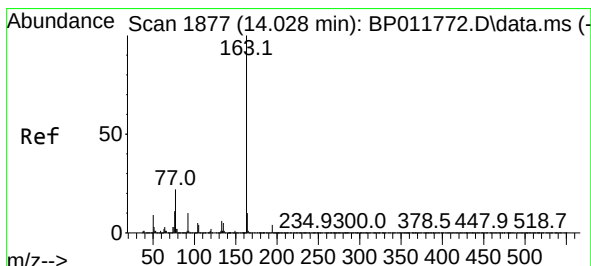
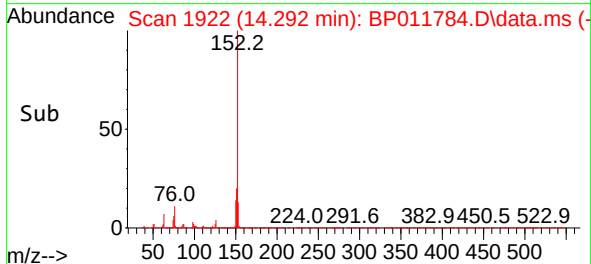
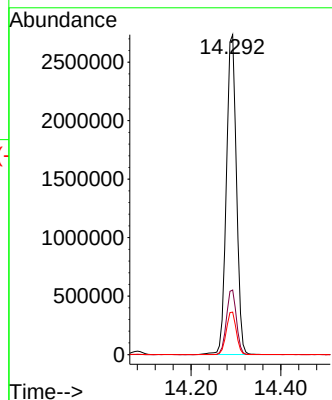
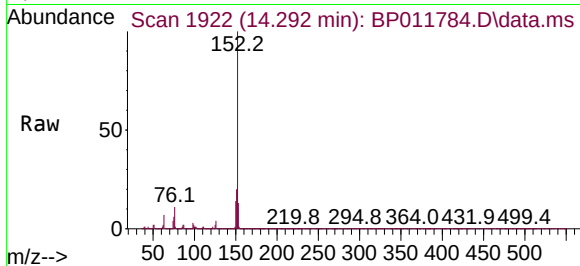
#49
Acenaphthylene
Concen: 46.042 ng
RT: 14.292 min Scan# 1921
Delta R.T. 0.005 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:152 Resp: 4256713
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.6 16.0

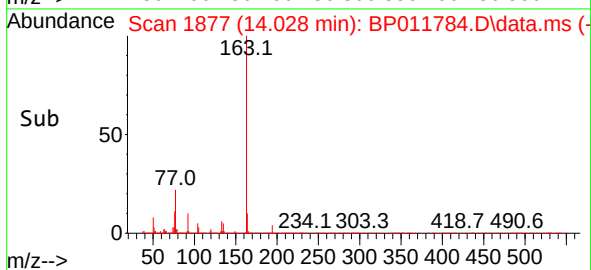
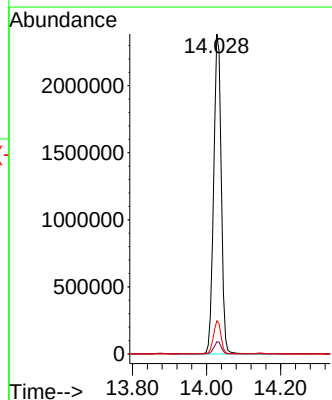
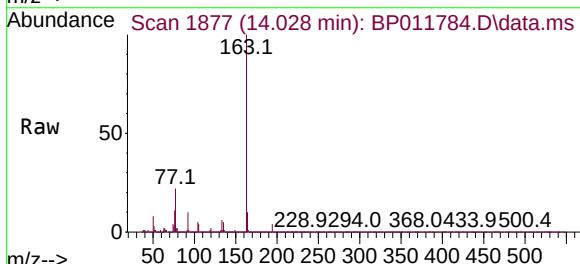
Manual Integrations
APPROVED

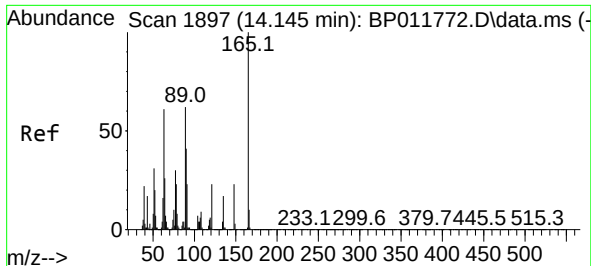
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#50
Dimethylphthalate
Concen: 46.377 ng
RT: 14.028 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:163 Resp: 3360761
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.2 12.4





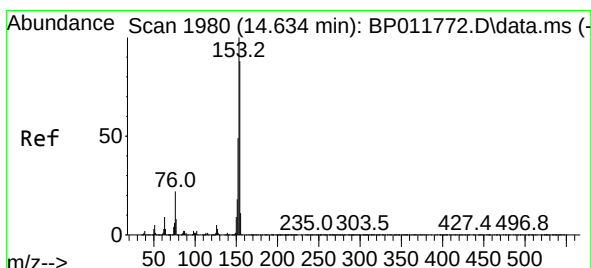
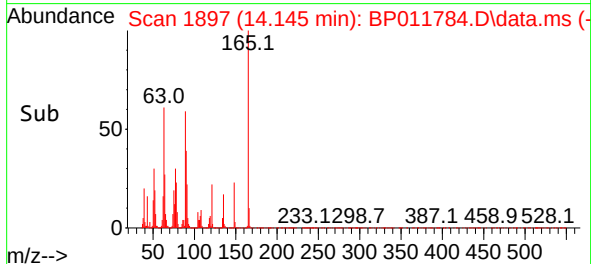
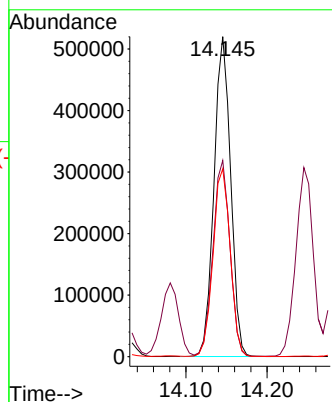
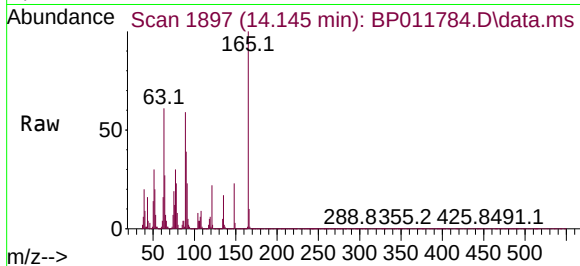
#51
2,6-Dinitrotoluene
Concen: 49.459 ng
RT: 14.145 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:165 Resp: 739999
Ion Ratio Lower Upper
165 100
63 61.3 51.0 76.4
89 58.7 49.3 73.9

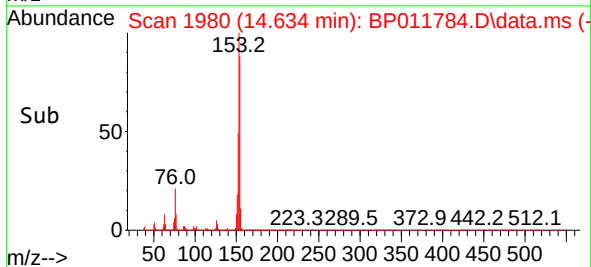
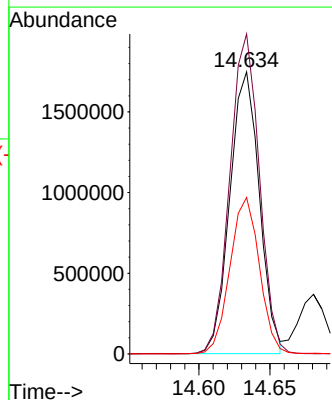
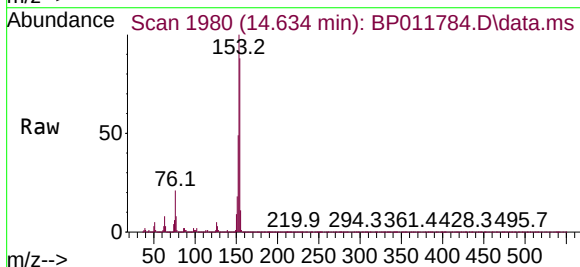
Manual Integrations
APPROVED

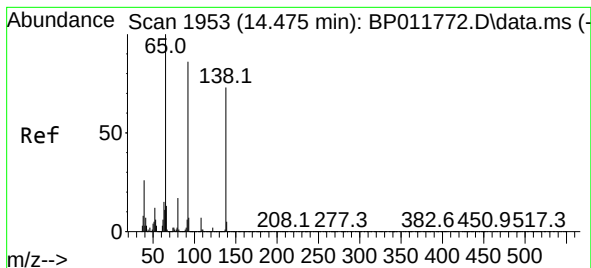
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#52
Acenaphthene
Concen: 44.619 ng
RT: 14.634 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

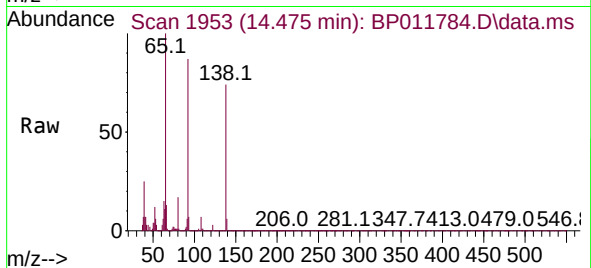
Tgt Ion:154 Resp: 2529930
Ion Ratio Lower Upper
154 100
153 113.5 90.8 136.2
152 55.5 44.6 66.8





#53
3-Nitroaniline
Concen: 40.243 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

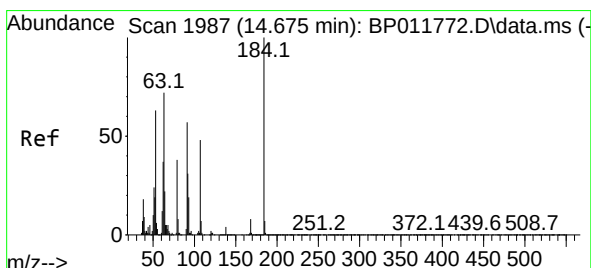
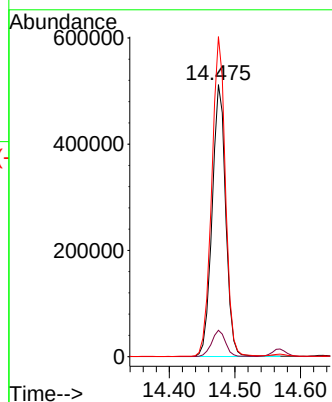
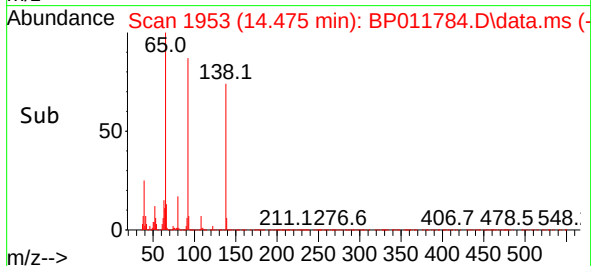
Instrument :
BNA_P
ClientSampleId :
PB147850BS



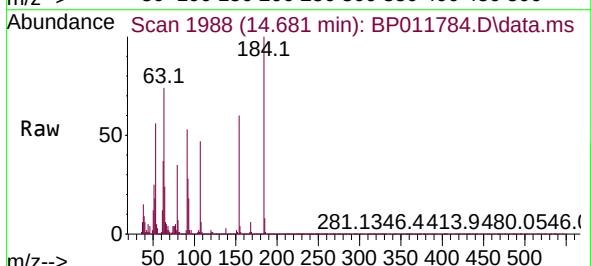
Tgt Ion:138 Resp: 737446
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.6 94.6 142.0

Manual Integrations
APPROVED

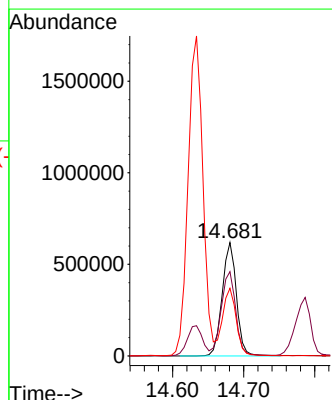
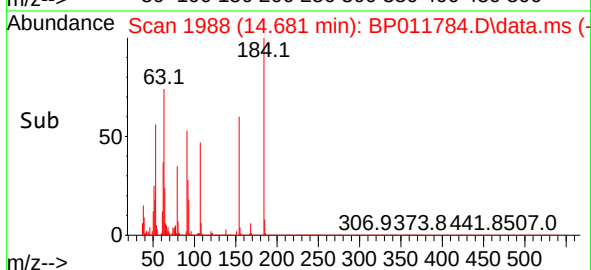
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

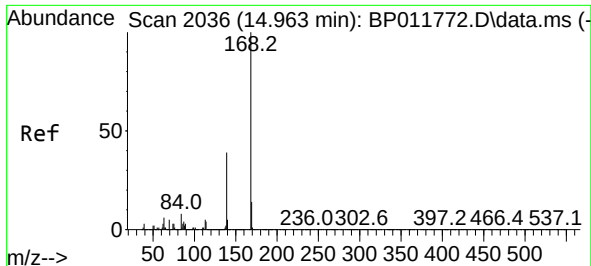


#54
2,4-Dinitrophenol
Concen: 106.693 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



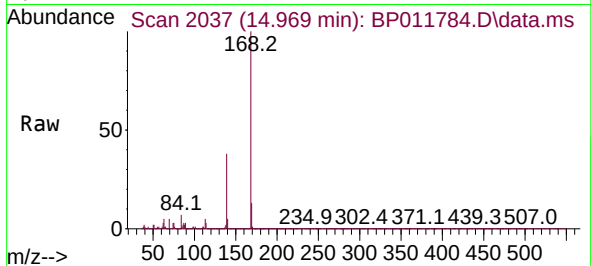
Tgt Ion:184 Resp: 862451
Ion Ratio Lower Upper
184 100
63 74.2 65.7 98.5
154 59.7 48.2 72.4





#55
Dibenzofuran
Concen: 45.547 ng
RT: 14.969 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

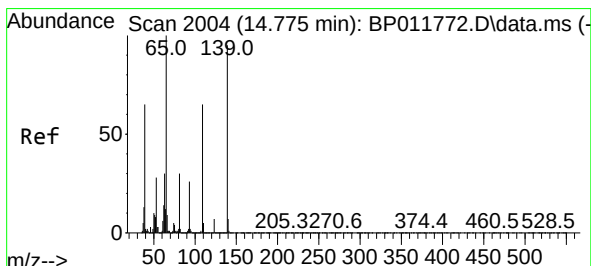
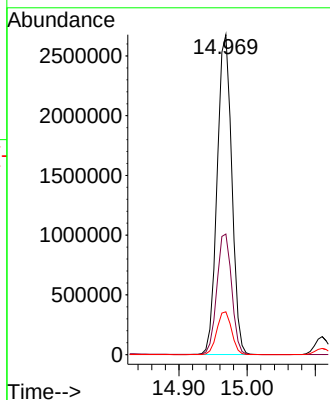
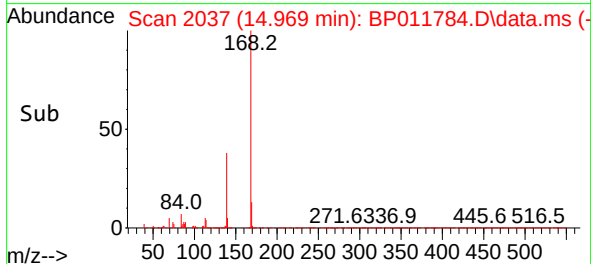
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:168 Resp: 3958380
Ion Ratio Lower Upper
168 100
139 37.7 31.3 46.9
169 13.4 11.0 16.4

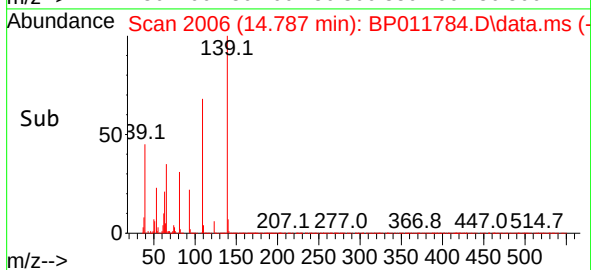
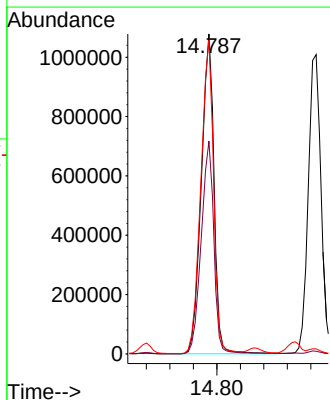
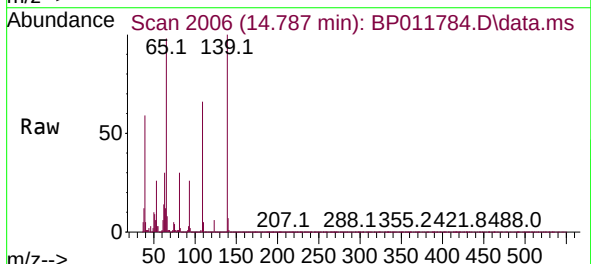
Manual Integrations
APPROVED

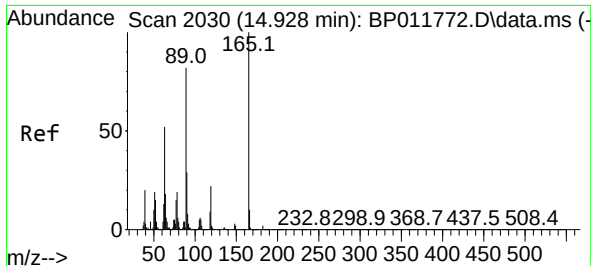
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#56
4-Nitrophenol
Concen: 106.295 ng
RT: 14.787 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

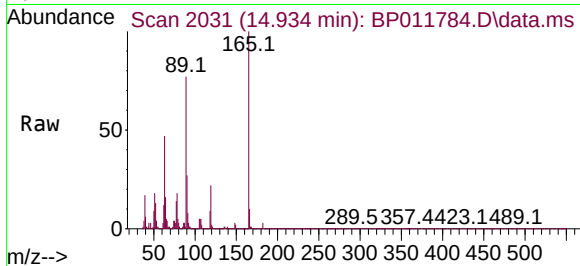
Tgt Ion:139 Resp: 1617558
Ion Ratio Lower Upper
139 100
109 66.5 48.3 88.3
65 98.0 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 46.882 ng
RT: 14.934 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

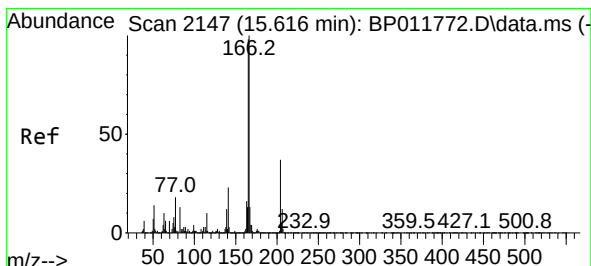
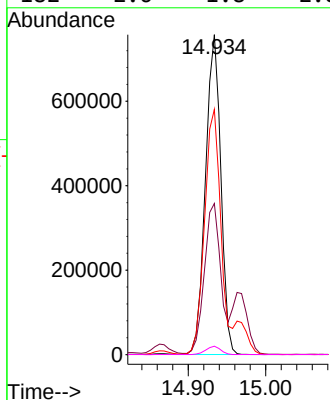
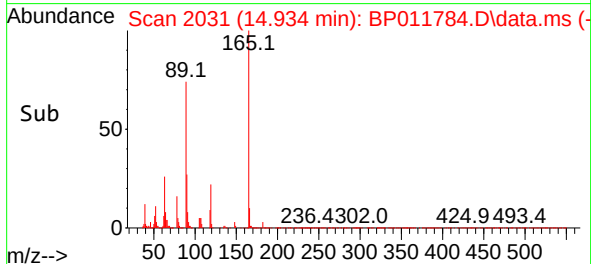
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:165 Resp: 1040491
Ion Ratio Lower Upper
165 100
63 47.2 41.4 62.2
89 76.6 66.0 99.0
182 2.6 1.8 2.8

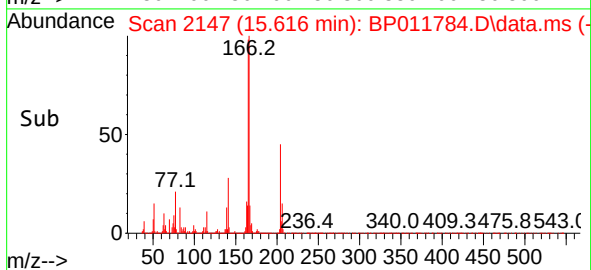
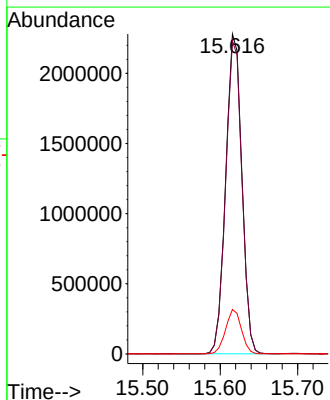
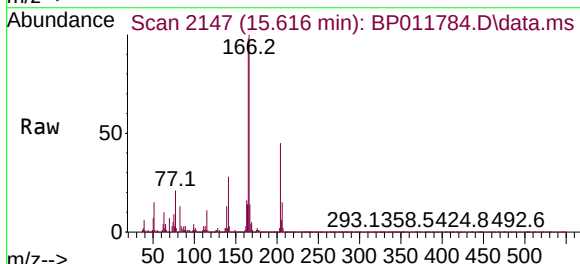
Manual Integrations
APPROVED

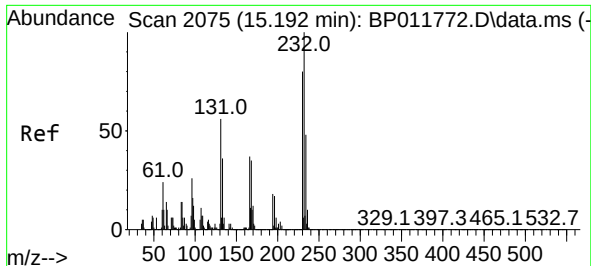
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#58
Fluorene
Concen: 44.956 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:166 Resp: 3314604
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.9 10.7 16.1





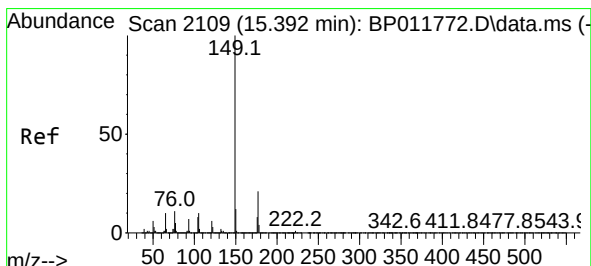
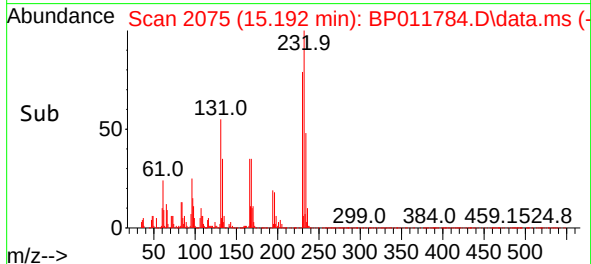
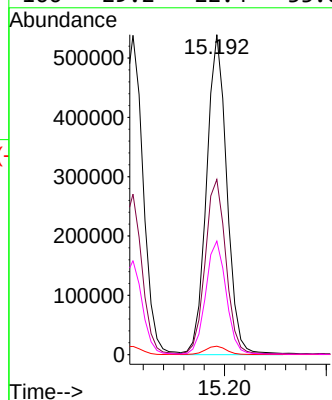
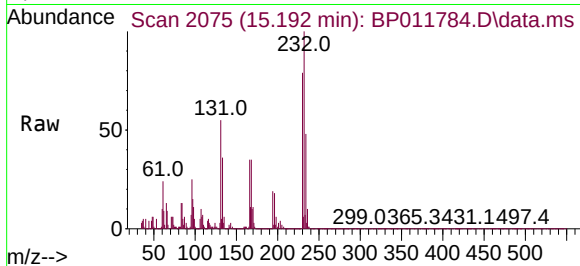
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.341 ng m
RT: 15.192 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.0	39.5	59.3
130	2.7	2.3	3.5
166	29.2	22.4	33.6

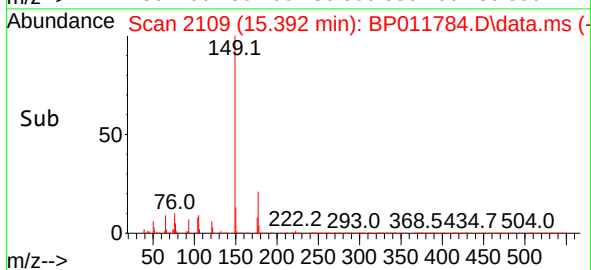
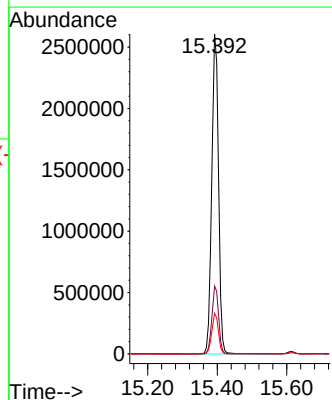
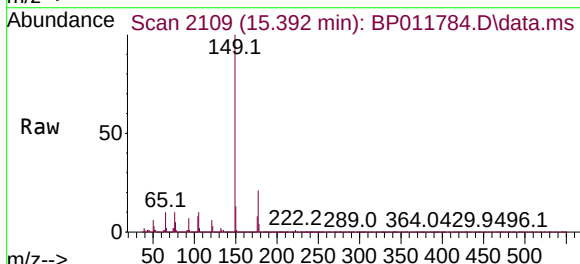
Manual Integrations
APPROVED

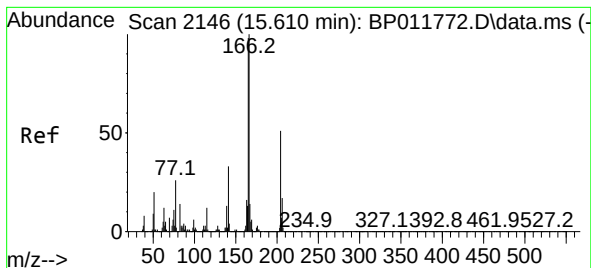
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#60
Diethylphthalate
Concen: 46.148 ng
RT: 15.392 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

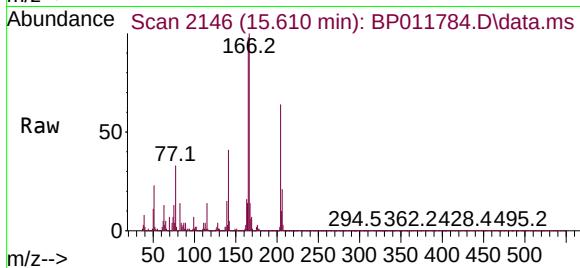
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.9	25.3
150	12.6	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.828 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

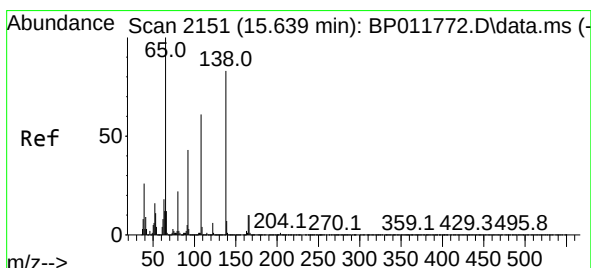
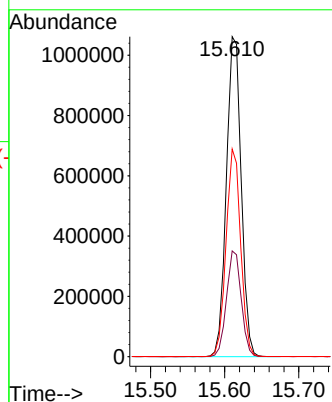
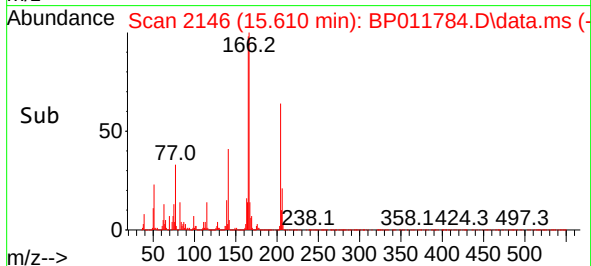
Instrument :
BNA_P
ClientSampleId :
PB147850BS



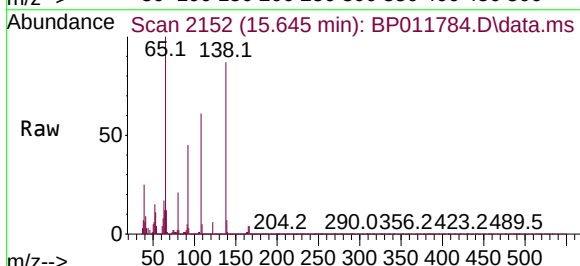
Tgt Ion: 204 Resp: 1474373
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 64.9 51.4 77.2

Manual Integrations
APPROVED

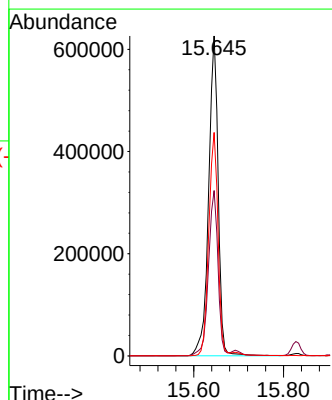
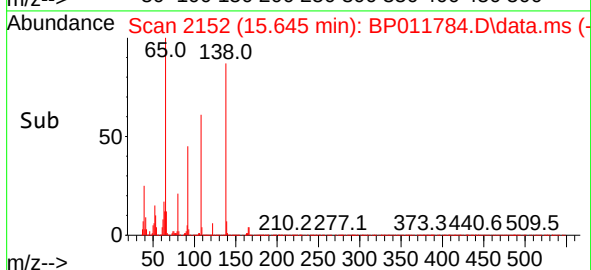
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022

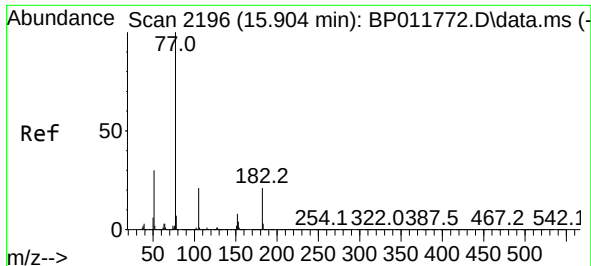


#62
4-Nitroaniline
Concen: 43.512 ng
RT: 15.645 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



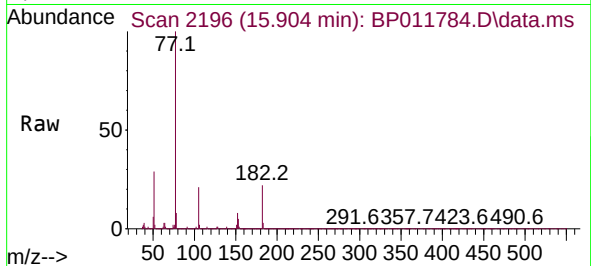
Tgt Ion: 138 Resp: 927221
Ion Ratio Lower Upper
138 100
92 51.7 31.9 71.9
108 69.8 53.3 93.3





#63
Azobenzene
Concen: 43.250 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

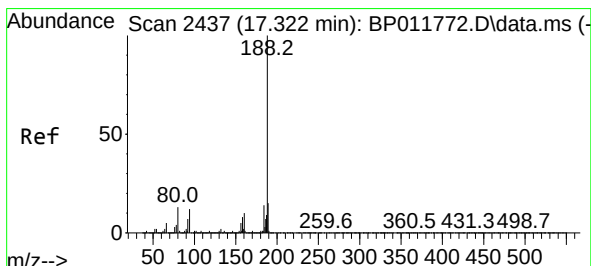
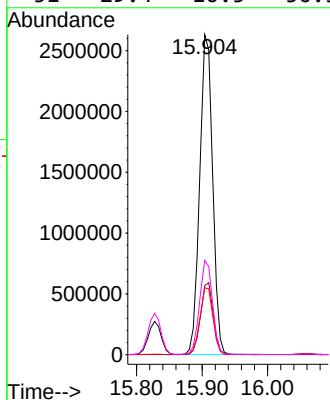
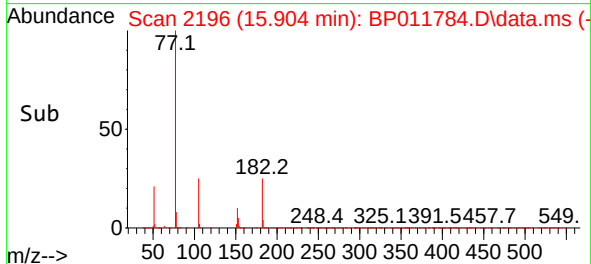
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion: 77 Resp: 3583346
Ion Ratio Lower Upper
77 100
182 21.5 1.3 41.3
105 20.9 0.5 40.5
51 29.4 10.5 50.5

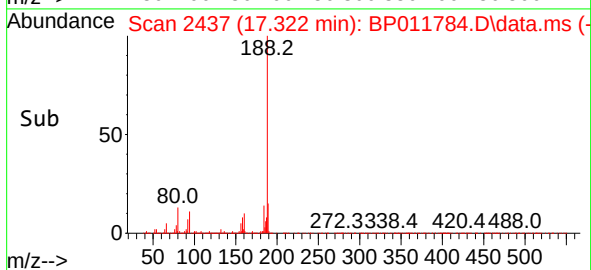
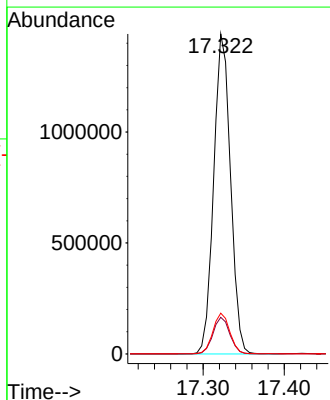
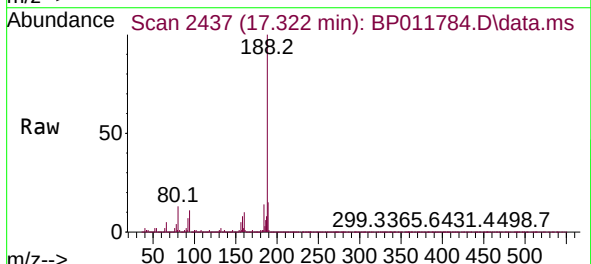
Manual Integrations
APPROVED

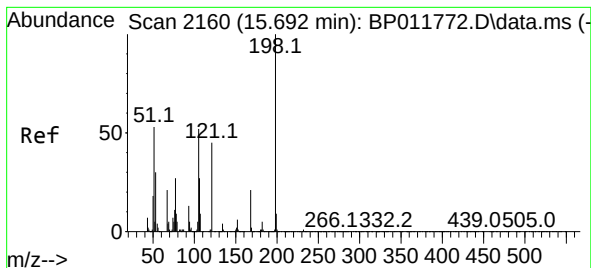
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:188 Resp: 2071940
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.0
80 12.7 10.6 15.8





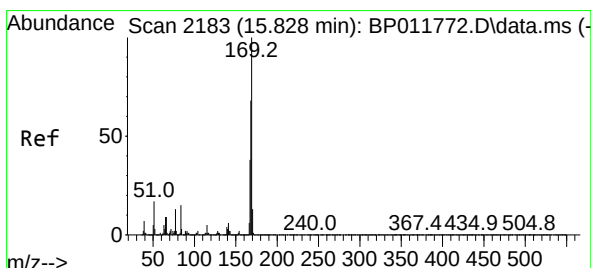
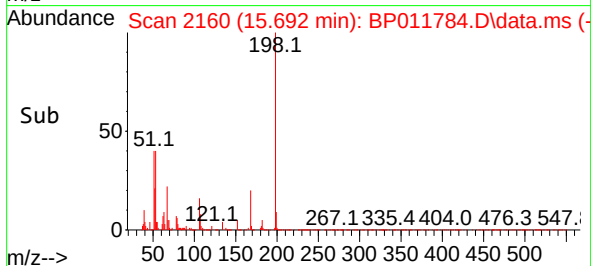
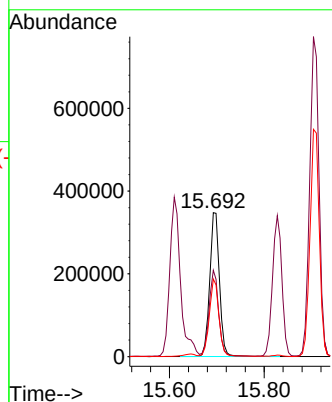
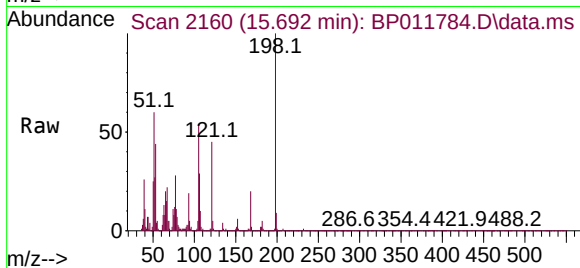
#65
4,6-Dinitro-2-methylphenol
Concen: 47.202 ng
RT: 15.692 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:198 Resp: 494548
Ion Ratio Lower Upper
198 100
51 60.0 41.6 81.6
105 53.9 33.2 73.2

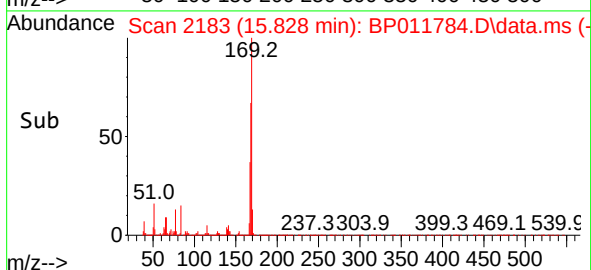
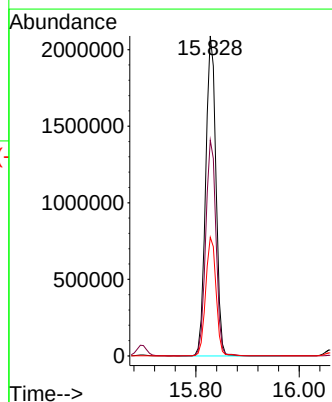
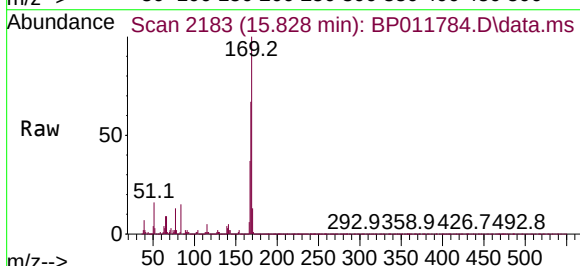
Manual Integrations
APPROVED

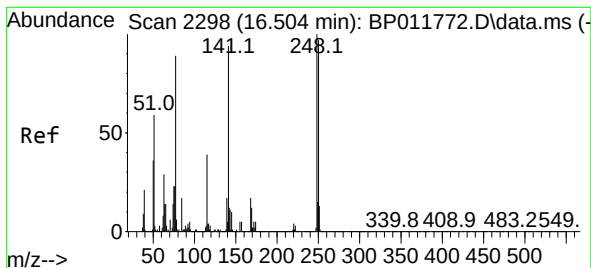
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#66
n-Nitrosodiphenylamine
Concen: 46.586 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:169 Resp: 2876041
Ion Ratio Lower Upper
169 100
168 67.4 54.5 81.7
167 37.1 30.1 45.1





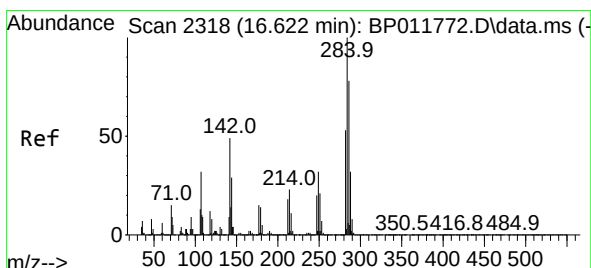
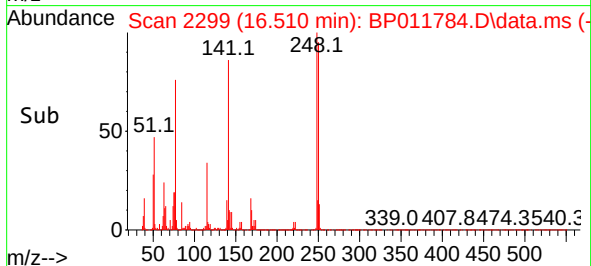
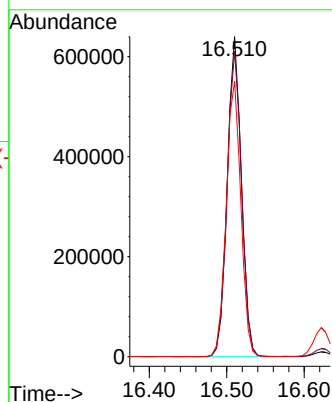
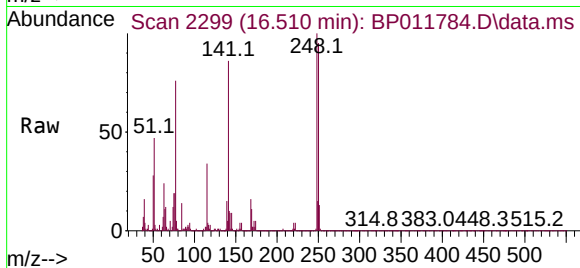
#67
4-Bromophenyl-phenylether
Concen: 47.967 ng
RT: 16.510 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:248 Resp: 815039
Ion Ratio Lower Upper
248 100
250 95.4 77.6 116.4
141 86.0 75.4 113.0

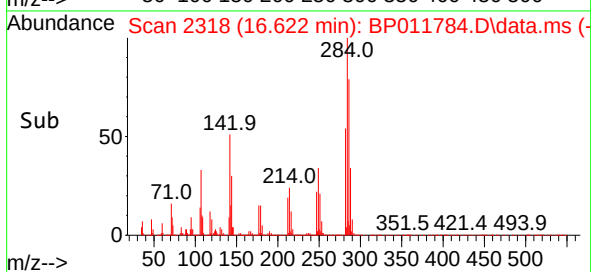
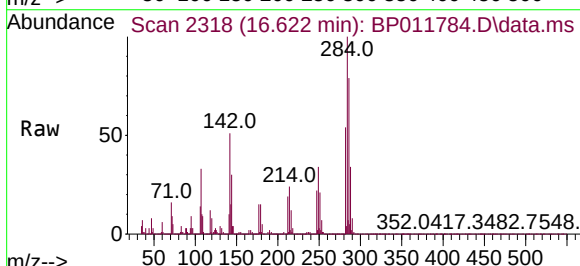
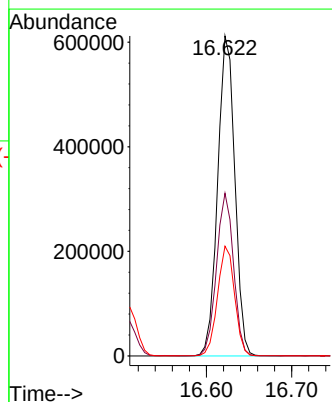
Manual Integrations
APPROVED

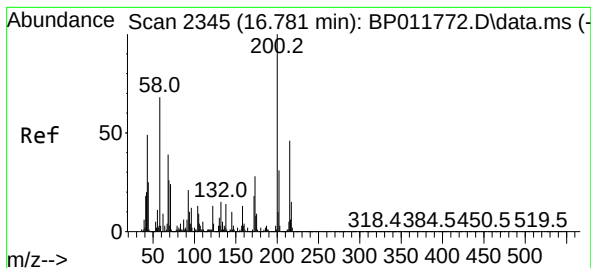
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#68
Hexachlorobenzene
Concen: 47.398 ng
RT: 16.622 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:284 Resp: 855723
Ion Ratio Lower Upper
284 100
142 50.8 39.0 58.4
249 34.3 25.9 38.9





#69

Atrazine

Concen: 54.727 ng

RT: 16.786 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

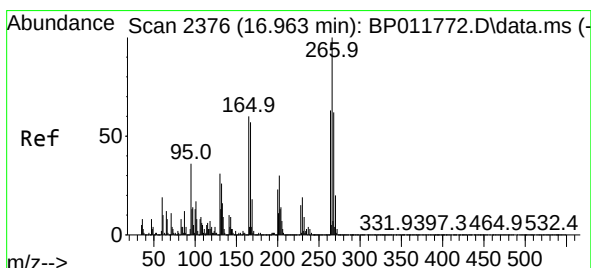
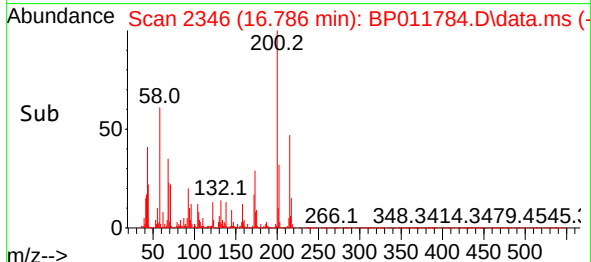
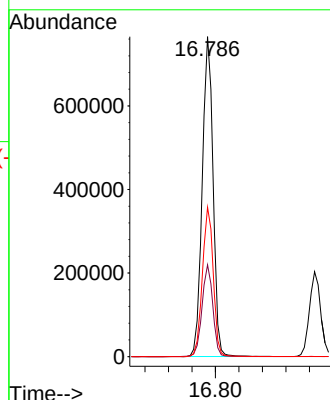
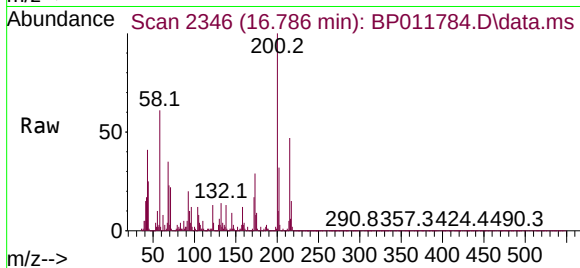
PB147850BS

Tgt Ion:200 Resp: 978384
 Ion Ratio Lower Upper
 200 100
 173 28.7 8.5 48.5
 215 46.7 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#70

Pentachlorophenol

Concen: 93.756 ng

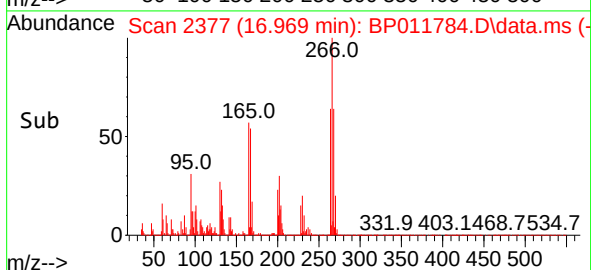
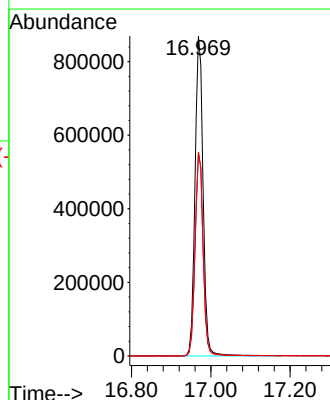
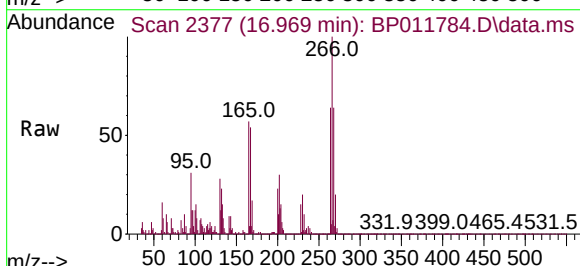
RT: 16.969 min Scan# 2377

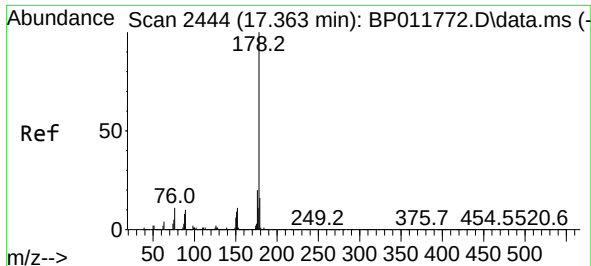
Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

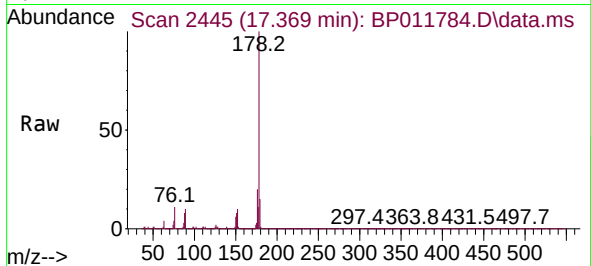
Tgt Ion:266 Resp: 1228117
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.7 74.5
 264 63.7 50.6 75.8





#71
Phenanthrene
Concen: 44.830 ng
RT: 17.369 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

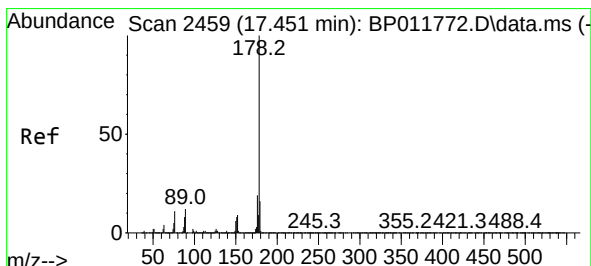
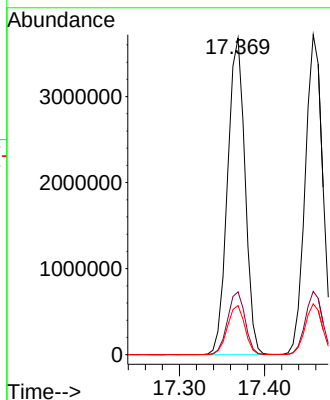
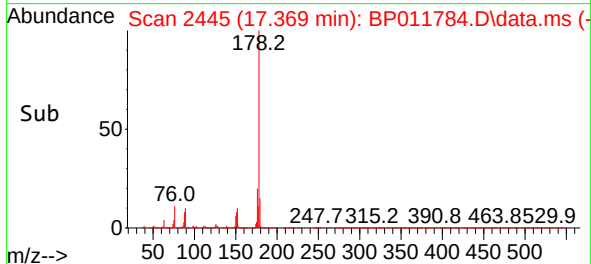
Instrument :
BNA_P
ClientSampleId :
PB147850BS



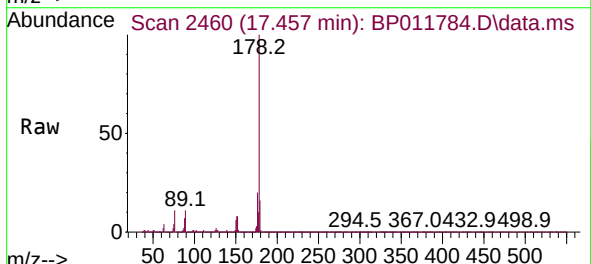
Tgt Ion:178 Resp: 5238866
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.5 12.6 18.8

Manual Integrations
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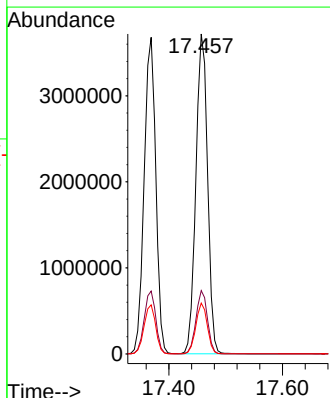
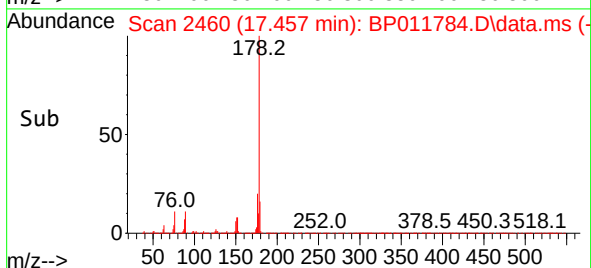
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

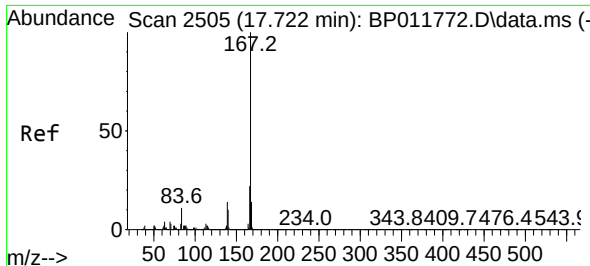


#72
Anthracene
Concen: 47.327 ng
RT: 17.457 min Scan# 2460
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



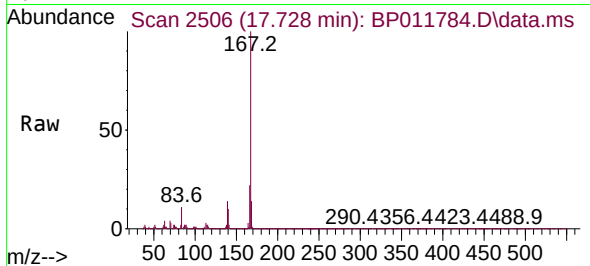
Tgt Ion:178 Resp: 5289739
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 47.427 ng
 RT: 17.728 min Scan# 2506
 Delta R.T. 0.006 min
 Lab File: BP011784.D
 Acq: 23 Sep 2022 15:39

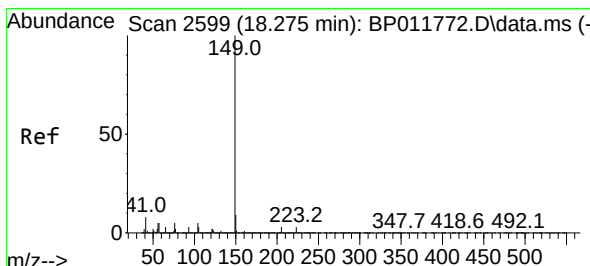
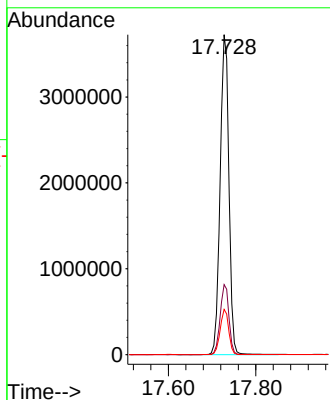
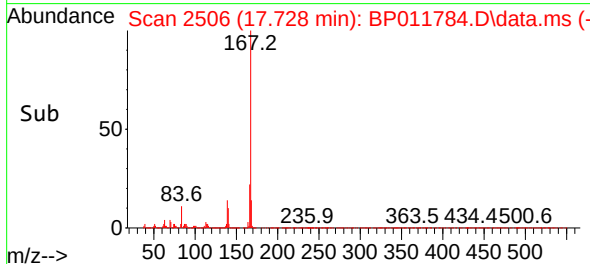
Instrument :
 BNA_P
 ClientSampleId :
 PB147850BS



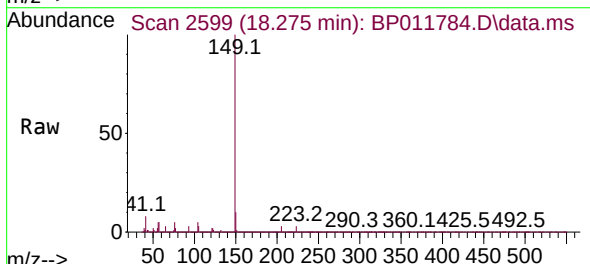
Tgt Ion:167 Resp: 5191605
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.1 11.0 16.6

Manual Integrations
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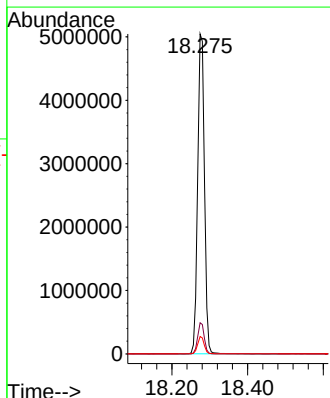
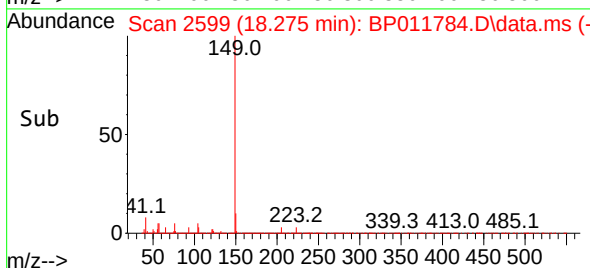
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

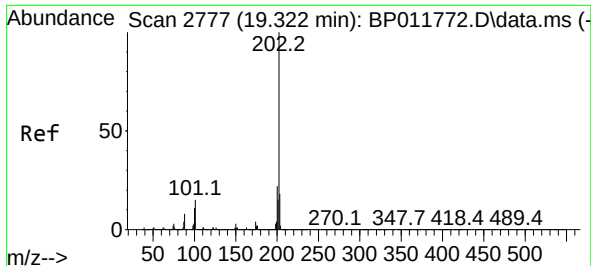


#74
 Di-n-butylphthalate
 Concen: 47.147 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BP011784.D
 Acq: 23 Sep 2022 15:39



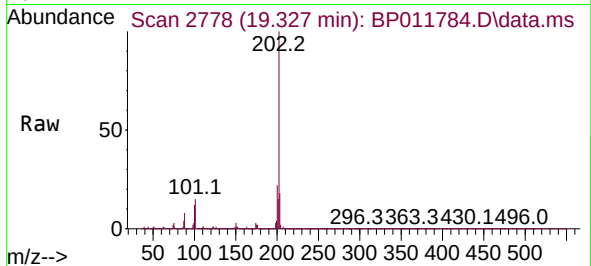
Tgt Ion:149 Resp: 6216667
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 46.431 ng
RT: 19.327 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

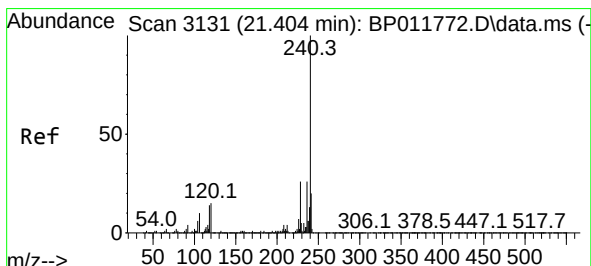
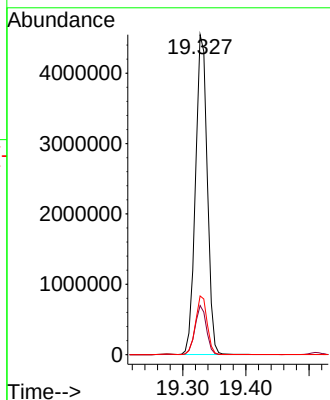
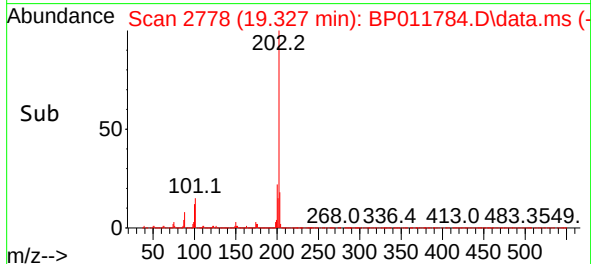
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:202 Resp: 589873
Ion Ratio Lower Upper
202 100
101 15.3 0.0 35.5
203 18.3 0.0 38.1

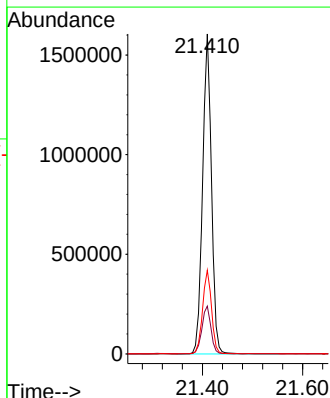
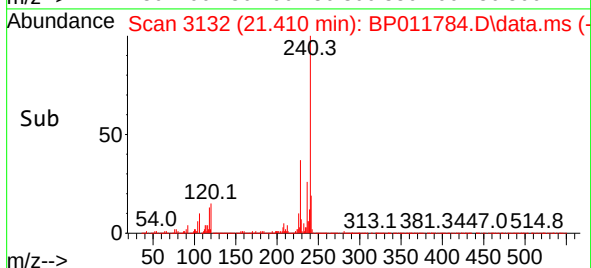
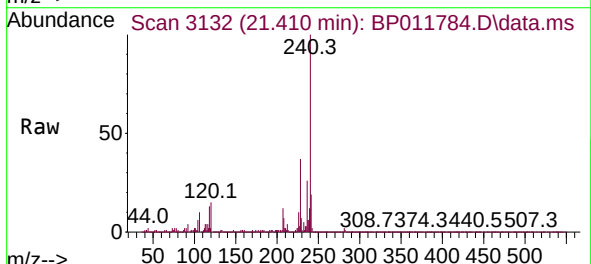
Manual Integrations
APPROVED

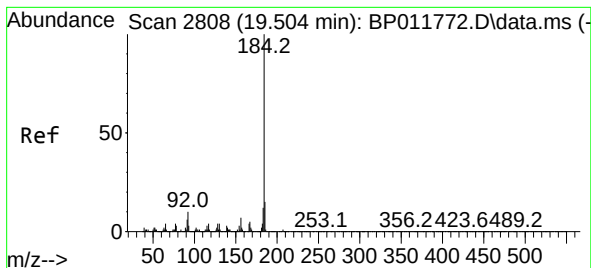
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:240 Resp: 1974913
Ion Ratio Lower Upper
240 100
120 14.9 12.0 18.0
236 26.1 21.1 31.7





#77

Benzidine

Concen: 127.424 ng

RT: 19.510 min Scan# 2809

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

Tgt Ion:184 Resp: 488404

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

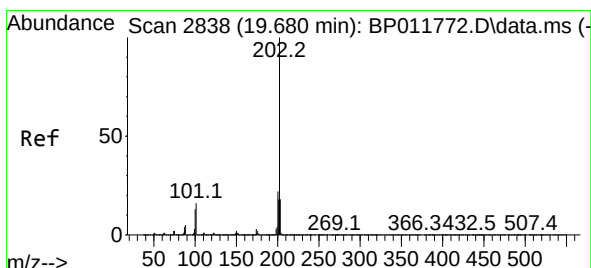
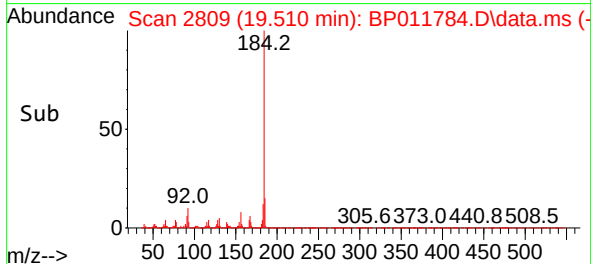
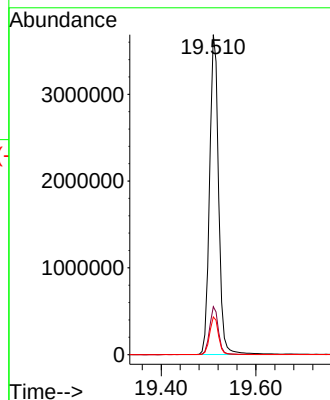
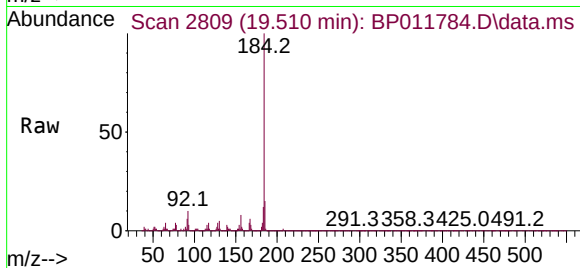
183 11.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#78

Pyrene

Concen: 46.712 ng

RT: 19.680 min Scan# 2838

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

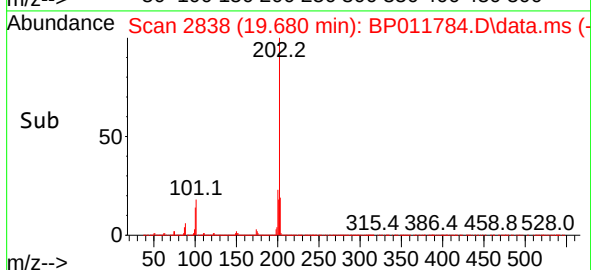
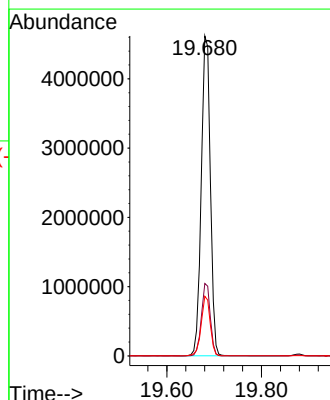
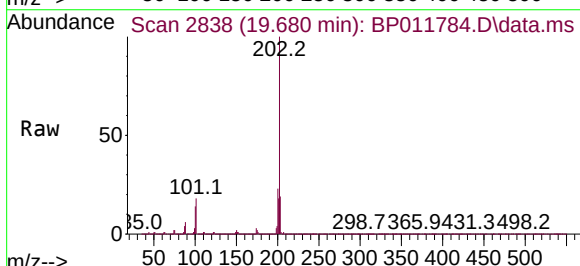
Tgt Ion:202 Resp: 6164261

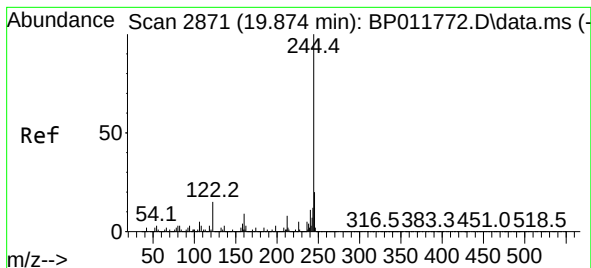
Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

203 18.6 14.3 21.5





#79

Terphenyl-d14

Concen: 93.490 ng

RT: 19.880 min Scan# 2871

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

Tgt Ion:244 Resp: 802988

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

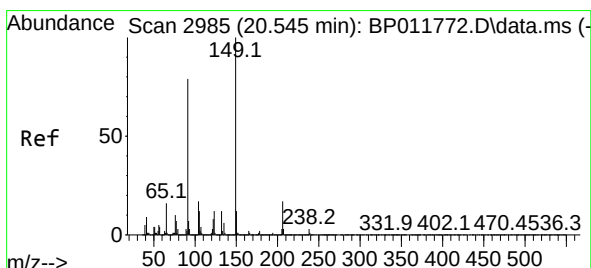
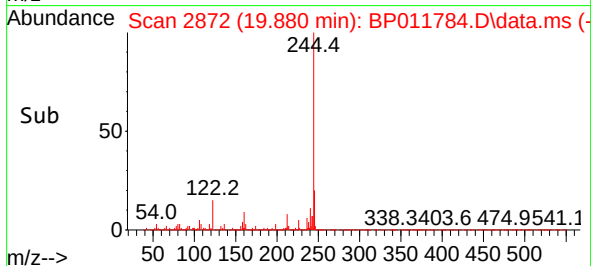
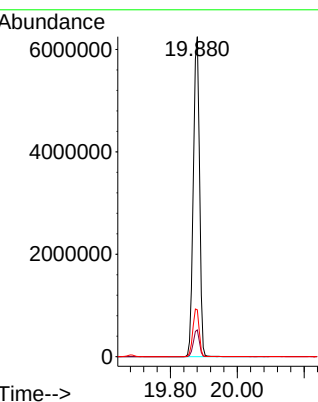
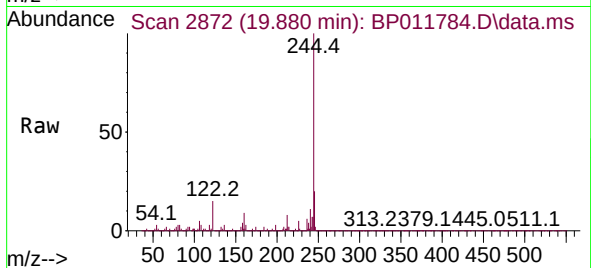
122 14.7 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#80

Butylbenzylphthalate

Concen: 45.006 ng

RT: 20.557 min Scan# 2987

Delta R.T. 0.012 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

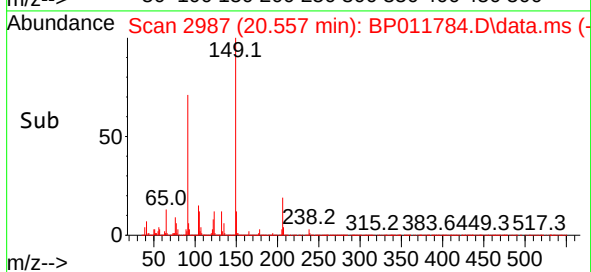
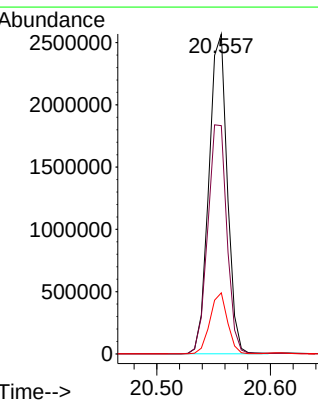
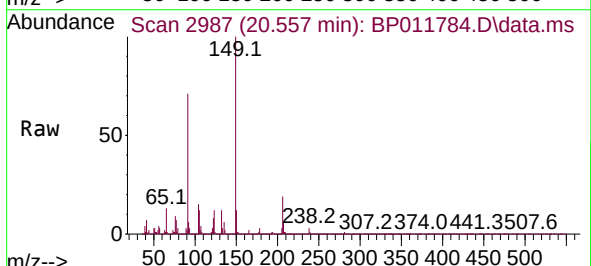
Tgt Ion:149 Resp: 2877561

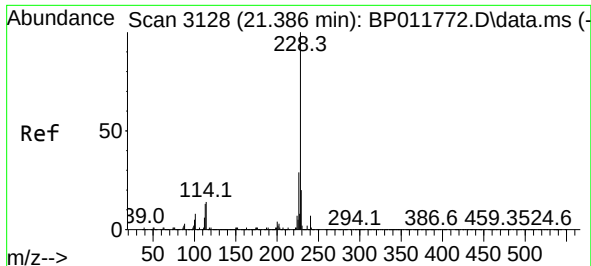
Ion Ratio Lower Upper

149 100

91 71.3 63.1 94.7

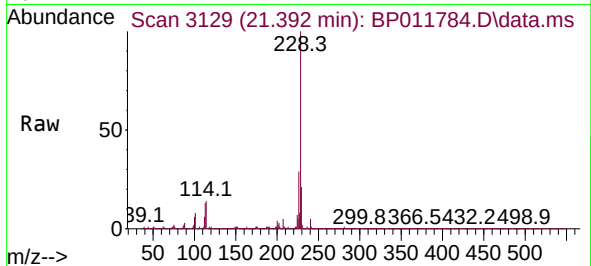
206 19.1 13.6 20.4





#81
Benzo(a)anthracene
Concen: 45.477 ng
RT: 21.392 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

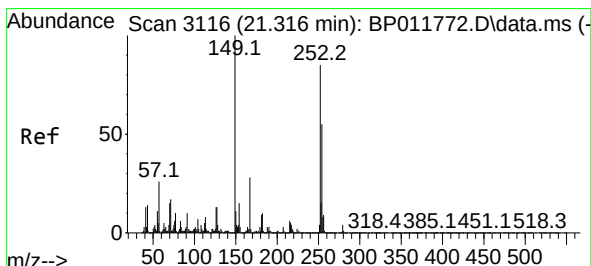
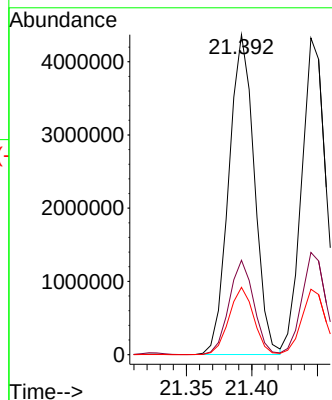
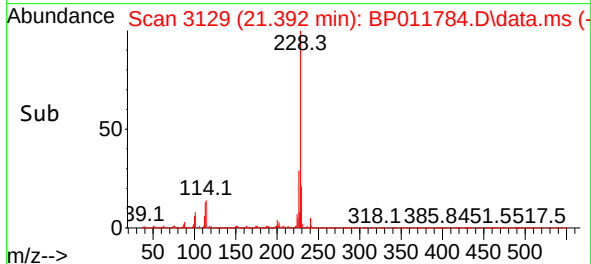
Instrument :
BNA_P
ClientSampleId :
PB147850BS



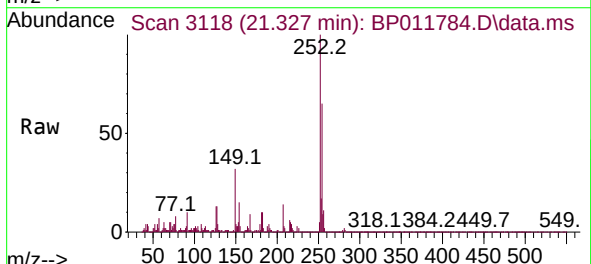
Tgt Ion:228 Resp: 5925756
Ion Ratio Lower Upper
228 100
226 29.5 23.1 34.7
229 21.1 16.3 24.5

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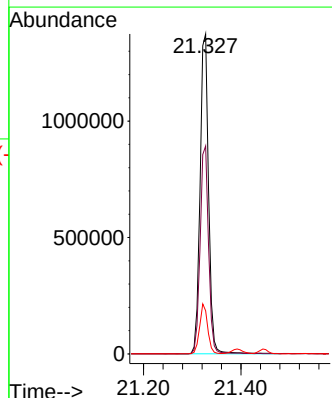
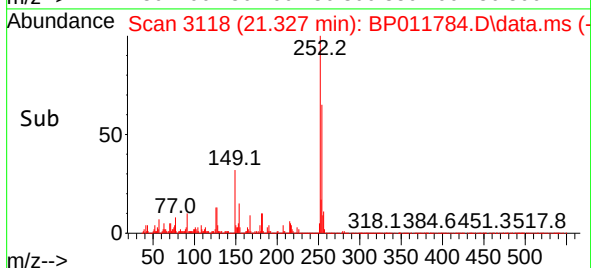
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

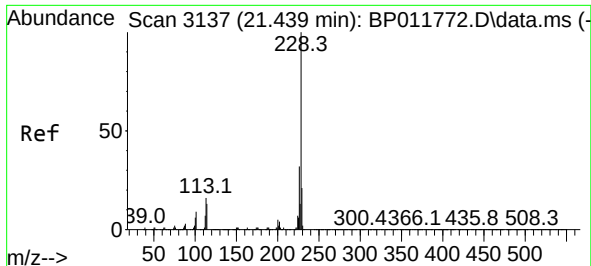


#82
3,3'-Dichlorobenzidine
Concen: 43.495 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.011 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39



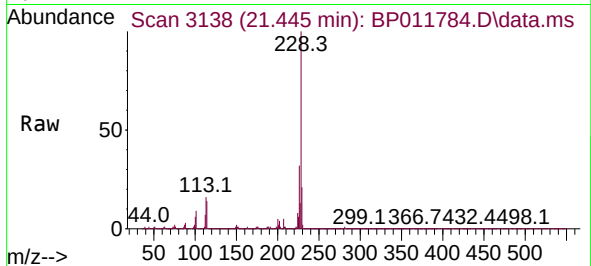
Tgt Ion:252 Resp: 1652875
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 13.5 12.6 18.8





#83
Chrysene
Concen: 44.840 ng
RT: 21.445 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

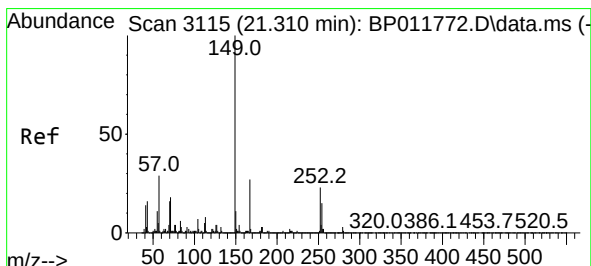
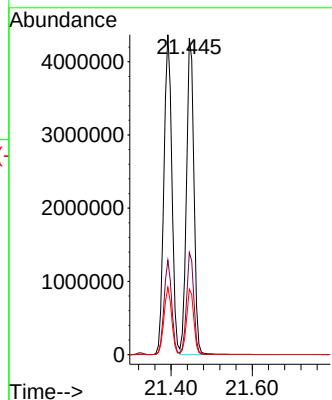
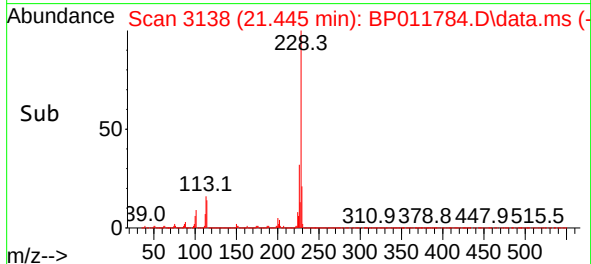
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:228 Resp: 5536229
Ion Ratio Lower Upper
228 100
226 32.3 25.5 38.3
229 20.6 16.4 24.6

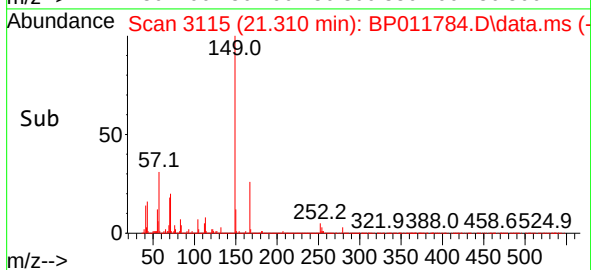
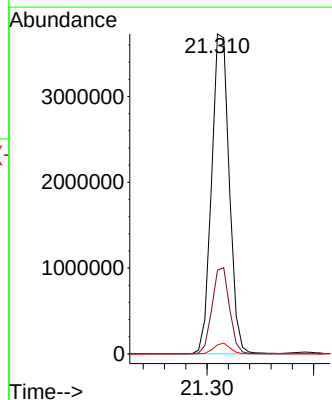
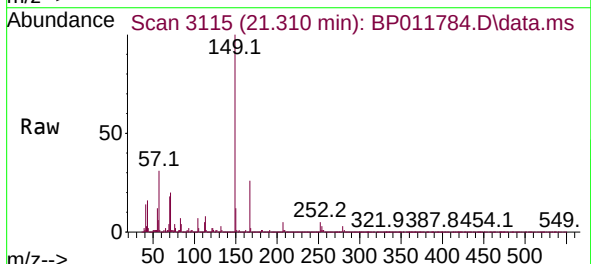
Manual Integrations
APPROVED

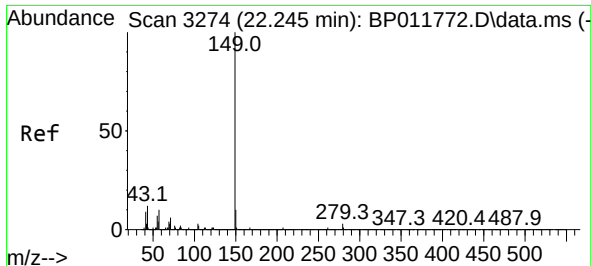
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.480 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

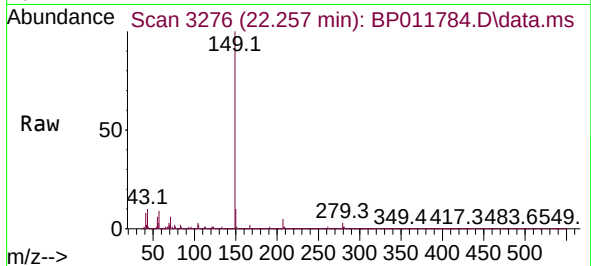
Tgt Ion:149 Resp: 4282178
Ion Ratio Lower Upper
149 100
167 26.2 21.8 32.6
279 2.8 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 47.928 ng
RT: 22.257 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

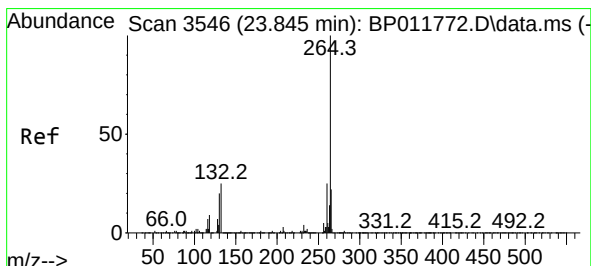
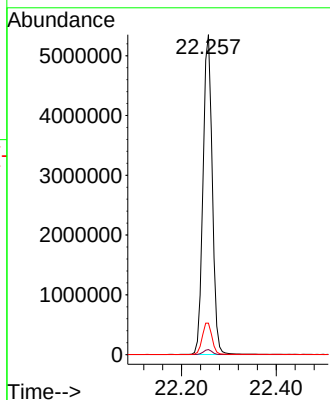
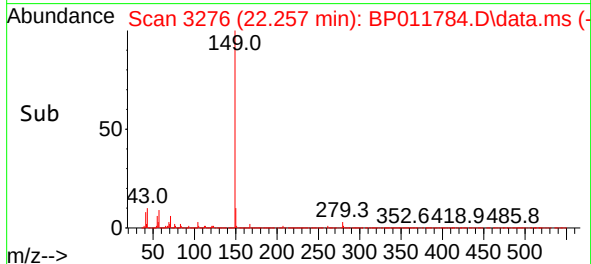
Instrument :
BNA_P
ClientSampleId :
PB147850BS



Tgt Ion:149 Resp: 7216662
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 9.4 14.0

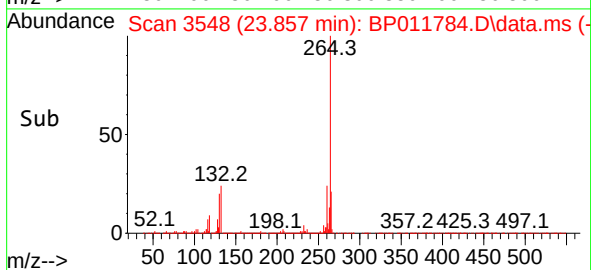
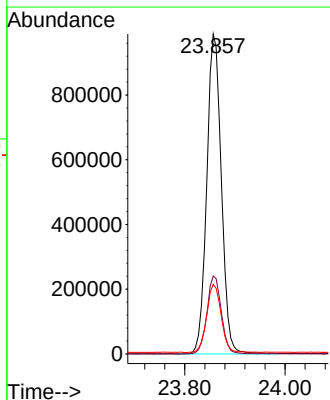
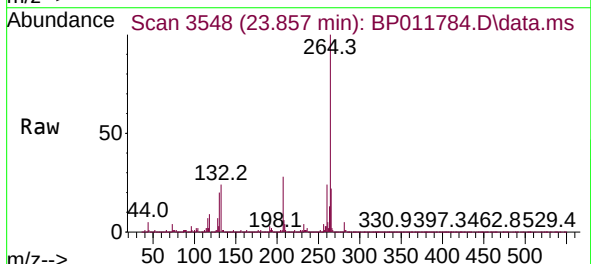
Manual Integrations
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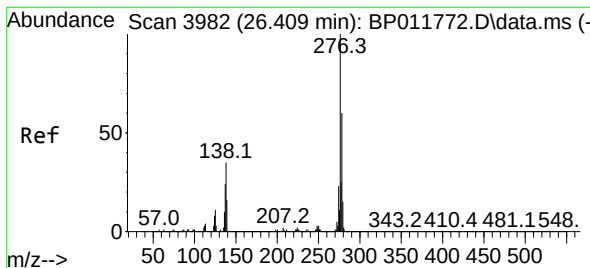
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.857 min Scan# 3548
Delta R.T. 0.012 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:264 Resp: 1994909
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.710 ng

RT: 26.433 min Scan# 3982

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

Tgt Ion:276 Resp: 9788799

Ion Ratio Lower Upper

276 100

138 28.8 29.7 44.5

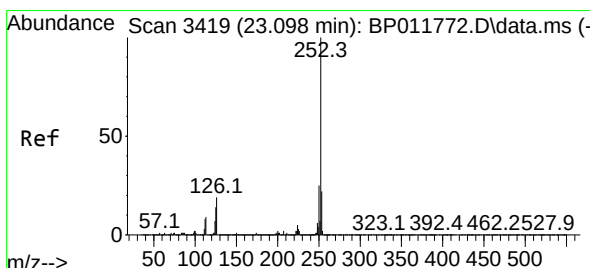
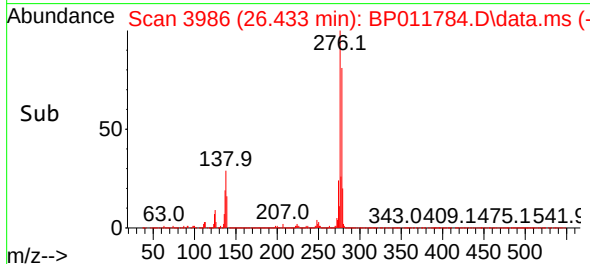
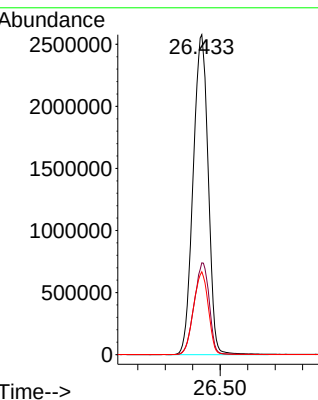
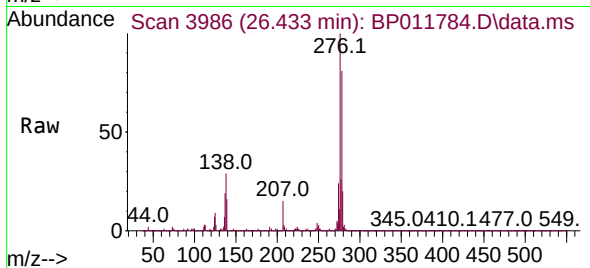
277 25.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#88

Benzo(b)fluoranthene

Concen: 48.733 ng

RT: 23.110 min Scan# 3421

Delta R.T. 0.012 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

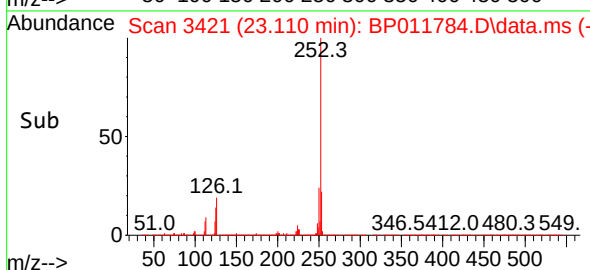
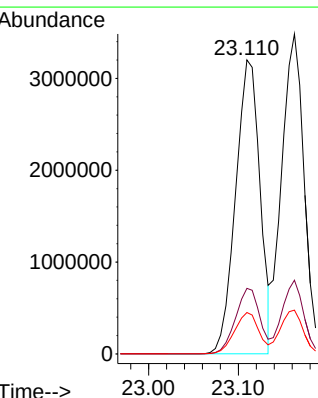
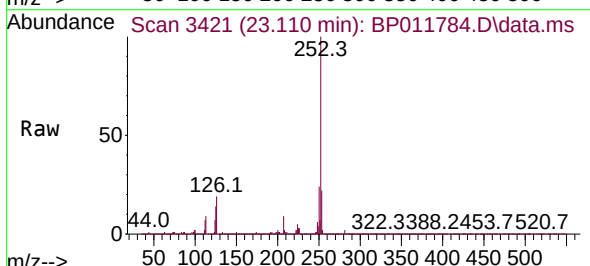
Tgt Ion:252 Resp: 6035955

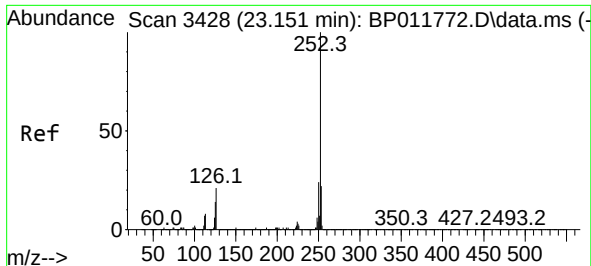
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 14.1 11.6 17.4





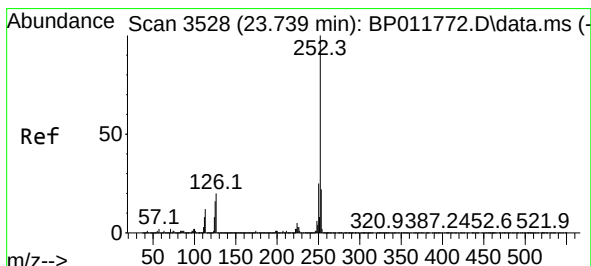
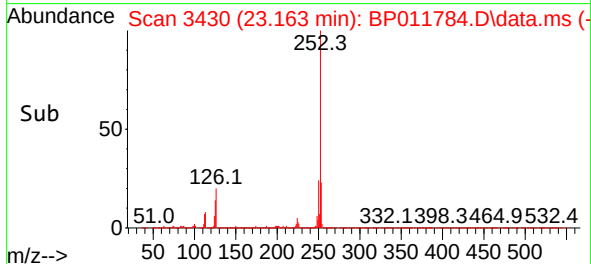
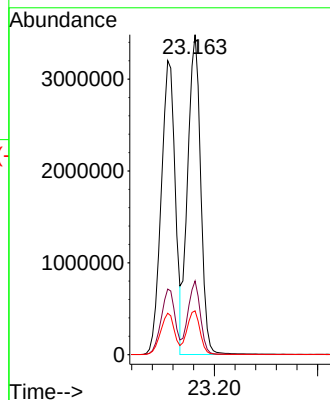
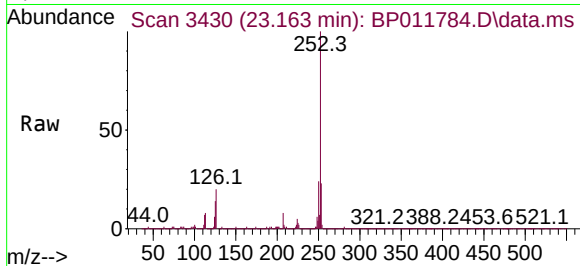
#89
Benzo(k)fluoranthene
Concen: 47.875 ng
RT: 23.163 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Instrument :
BNA_P
ClientSampleId :
PB147850BS

Tgt Ion:252 Resp: 607597
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 13.7 11.2 16.8

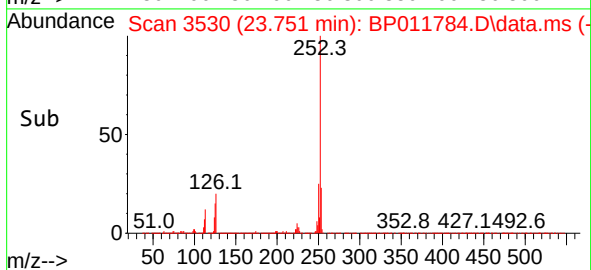
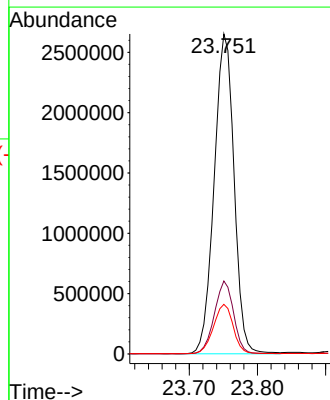
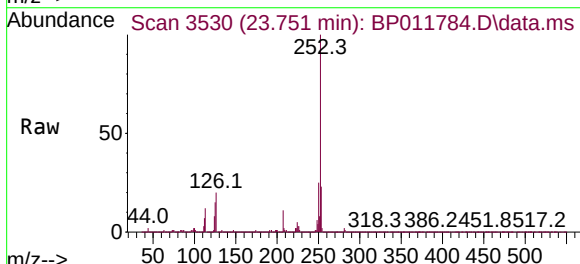
Manual Integrations
APPROVED

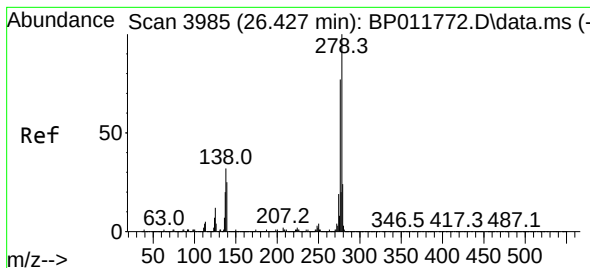
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#90
Benzo(a)pyrene
Concen: 51.106 ng
RT: 23.751 min Scan# 3530
Delta R.T. 0.012 min
Lab File: BP011784.D
Acq: 23 Sep 2022 15:39

Tgt Ion:252 Resp: 5355542
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 15.5 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 66.036 ng

RT: 26.451 min Scan# 3985

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA_P

ClientSampleId :

PB147850BS

Tgt Ion:278 Resp: 855832

Ion Ratio Lower Upper

278 100

139 18.1 19.6 29.4

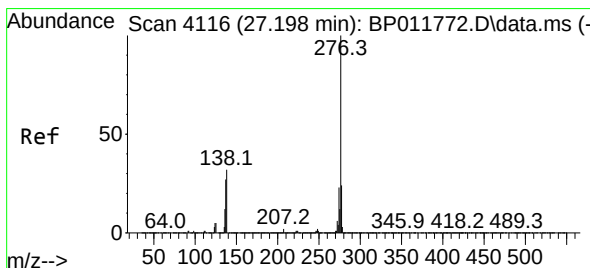
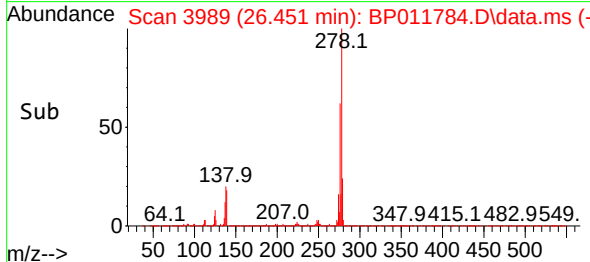
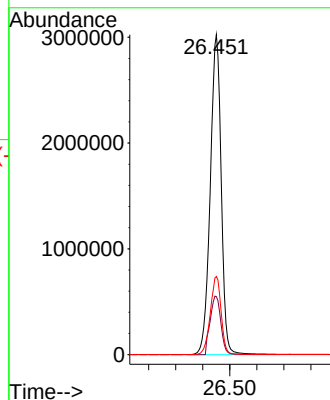
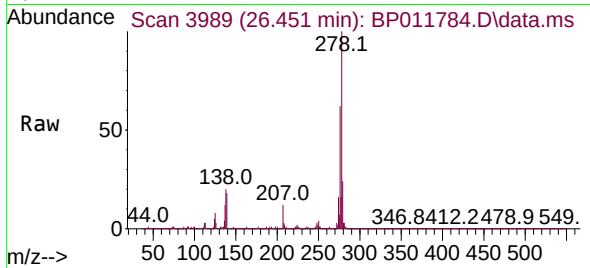
279 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#92

Benzo(g,h,i)perylene

Concen: 66.071 ng

RT: 27.221 min Scan# 4120

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:276 Resp: 8289034

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 25.1 25.6 38.4

