

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013611.D
 Acq On : 27 Jan 2023 11:11
 Operator : CG/JU
 Sample : PB150456BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150456BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:47:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	191865	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	752913	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	493636	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1185472	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1102386	20.000	ng	0.00
86) Perylene-d12	24.215	264	1051944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1644714	153.611	ng	0.00
7) Phenol-d6	7.305	99	2092856	144.696	ng	0.00
23) Nitrobenzene-d5	9.328	82	1169029	85.316	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1019124	135.602	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	3046707	88.149	ng	0.00
79) Terphenyl-d14	20.080	244	5567403	89.120	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	182560	38.672	ng	99
3) Pyridine	3.940	79	485005	36.144	ng	99
4) n-Nitrosodimethylamine	3.846	42	223974	42.707	ng	96
6) Aniline	7.469	93	744165	38.821	ng	100
8) 2-Chlorophenol	7.710	128	597633	52.581	ng	98
9) Benzaldehyde	7.281	77	272392m	28.459	ng	
10) Phenol	7.328	94	761381	50.253	ng	100
11) bis(2-Chloroethyl)ether	7.563	93	590303	47.048	ng	100
12) 1,3-Dichlorobenzene	8.046	146	637847	48.616	ng	98
13) 1,4-Dichlorobenzene	8.193	146	645011	48.482	ng	99
14) 1,2-Dichlorobenzene	8.516	146	621607	49.626	ng	99
15) Benzyl Alcohol	8.393	79	508826m	45.304	ng	
16) 2,2'-oxybis(1-Chloropr...	8.687	45	670432	47.417	ng	99
17) 2-Methylphenol	8.593	107	514686	47.077	ng	98
18) Hexachloroethane	9.252	117	222006	46.579	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	414419	44.089	ng	97
20) 3+4-Methylphenols	8.922	107	693884	46.313	ng	98
22) Acetophenone	8.987	105	842719	44.343	ng	# 98
24) Nitrobenzene	9.369	77	622915	43.437	ng	99
25) Isophorone	9.904	82	1262200	42.052	ng	99
26) 2-Nitrophenol	10.087	139	262533	42.617	ng	95
27) 2,4-Dimethylphenol	10.140	122	538382	47.211	ng	99
28) bis(2-Chloroethoxy)met...	10.381	93	770184	45.100	ng	100
29) 2,4-Dichlorophenol	10.622	162	614535	47.887	ng	98
30) 1,2,4-Trichlorobenzene	10.846	180	647422	45.503	ng	97
31) Naphthalene	11.040	128	1687948	44.119	ng	99
32) Benzoic acid	10.275	122	351421	42.273	ng	95
33) 4-Chloroaniline	11.140	127	345841	20.822	ng	98
34) Hexachlorobutadiene	11.322	225	419857	43.889	ng	98
35) Caprolactam	11.928	113	168938m	45.912	ng	
36) 4-Chloro-3-methylphenol	12.245	107	620585	45.616	ng	99
37) 2-Methylnaphthalene	12.628	142	1232136	42.139	ng	99
38) 1-Methylnaphthalene	12.851	142	1143168	41.772	ng	97
40) 1,2,4,5-Tetrachloroben...	12.993	216	776807	45.169	ng	99
41) Hexachlorocyclopentadiene	12.975	237	870854	98.012	ng	98
43) 2,4,6-Trichlorophenol	13.228	196	541069	47.020	ng	99

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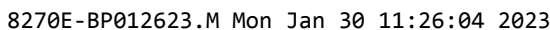
Quant Time: Jan 29 23:47:52 2023
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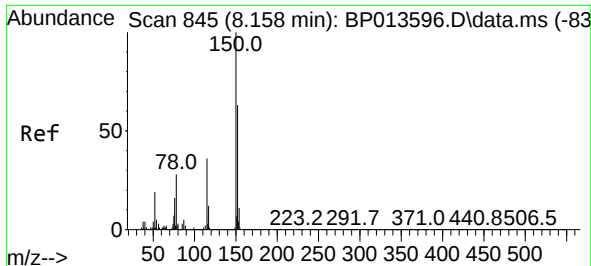
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	586692	43.597	ng	98
46) 1,1'-Biphenyl	13.628	154	1648780	44.822	ng	98
47) 2-Chloronaphthalene	13.675	162	1280491	45.614	ng	98
48) 2-Nitroaniline	13.869	65	238057	36.381	ng	98
49) Acenaphthylene	14.516	152	2047907	44.228	ng	100
50) Dimethylphthalate	14.245	163	1715615	44.744	ng	100
51) 2,6-Dinitrotoluene	14.363	165	326537	42.366	ng	95
52) Acenaphthene	14.857	154	1446806m	48.821	ng	
53) 3-Nitroaniline	14.692	138	232121	32.620	ng	99
54) 2,4-Dinitrophenol	14.892	184	424750	90.151	ng	99
55) Dibenzofuran	15.192	168	2035065	43.846	ng	98
56) 4-Nitrophenol	14.987	139	621729	99.474	ng	97
57) 2,4-Dinitrotoluene	15.145	165	457022	44.143	ng	96
58) Fluorene	15.839	166	1564502	44.080	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.410	232	541292	46.431	ng	100
60) Diethylphthalate	15.604	149	1627930	46.491	ng	99
61) 4-Chlorophenyl-phenyle...	15.828	204	874241	43.620	ng	98
62) 4-Nitroaniline	15.857	138	309694	45.233	ng	94
63) Azobenzene	16.122	77	1559172	43.701	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	256303	40.209	ng	98
66) n-Nitrosodiphenylamine	16.045	169	1439832	44.083	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	594306	43.494	ng	99
68) Hexachlorobenzene	16.845	284	693306	46.419	ng	97
69) Atrazine	16.992	200	518612	51.943	ng	98
70) Pentachlorophenol	17.192	266	944673	81.386	ng	99
71) Phenanthrene	17.592	178	2755345	45.318	ng	99
72) Anthracene	17.680	178	2746766	44.710	ng	99
73) Carbazole	17.945	167	2532533	46.261	ng	100
74) Di-n-butylphthalate	18.480	149	2385558	47.501	ng	99
75) Fluoranthene	19.539	202	3477648	45.859	ng	100
77) Benzidine	19.710	184	705405	61.033	ng	99
78) Pyrene	19.892	202	3616378	42.388	ng	100
80) Butylbenzylphthalate	20.751	149	490691	42.517	ng	99
81) Benzo(a)anthracene	21.616	228	3546675	45.688	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	614226	33.562	ng	98
83) Chrysene	21.669	228	3281518	44.989	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	837108	46.367	ng	100
85) Di-n-octyl phthalate	22.510	149	1550366	51.195	ng	100
87) Indeno(1,2,3-cd)pyrene	26.956	276	3292050	44.514	ng	99
88) Benzo(b)fluoranthene	23.421	252	3426155	50.731	ng	99
89) Benzo(k)fluoranthene	23.474	252	3224219	48.090	ng	99
90) Benzo(a)pyrene	24.104	252	2824430	44.433	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2763941	44.914	ng	100
92) Benzo(g,h,i)perylene	27.803	276	2643336	43.626	ng	99

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 845
Delta R.T. -0.001 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

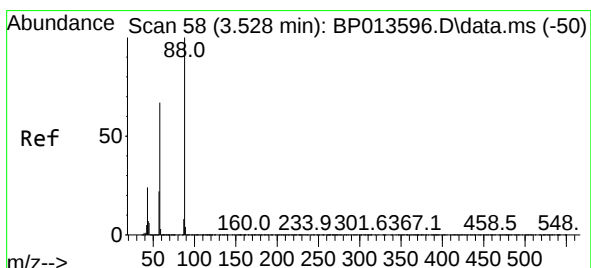
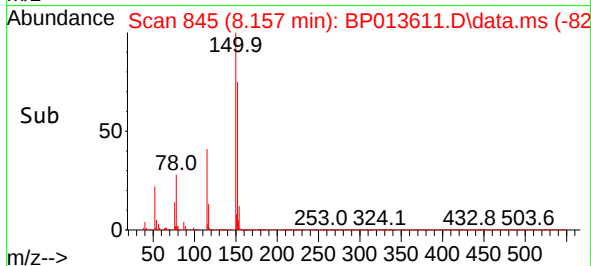
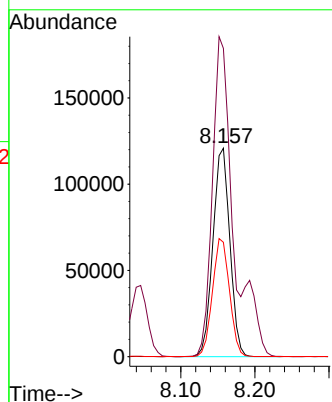
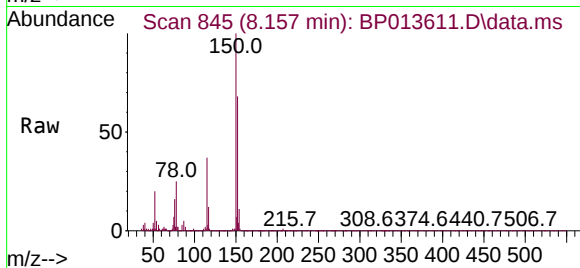
PB150456BS

Tgt Ion:152 Resp: 191865
Ion Ratio Lower Upper
152 100
150 147.9 126.2 189.2
115 54.8 45.1 67.7

Manual Integrations

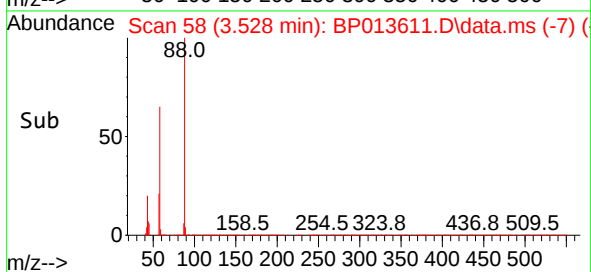
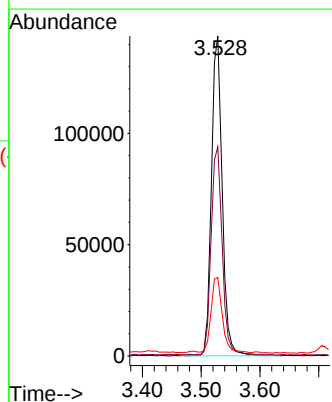
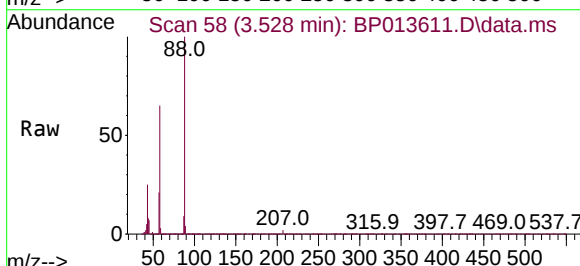
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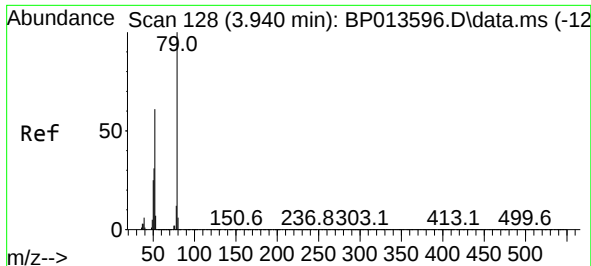
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#2
1,4-Dioxane
Concen: 38.672 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion: 88 Resp: 182560
Ion Ratio Lower Upper
88 100
58 67.1 54.2 81.4
43 24.2 20.4 30.6





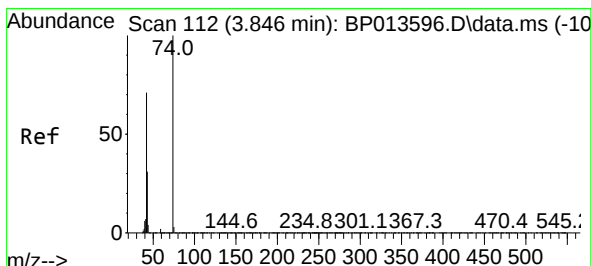
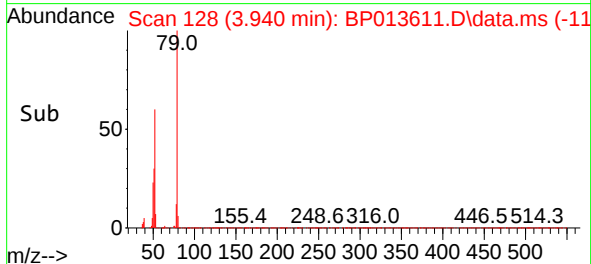
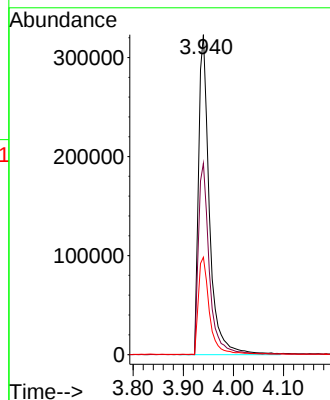
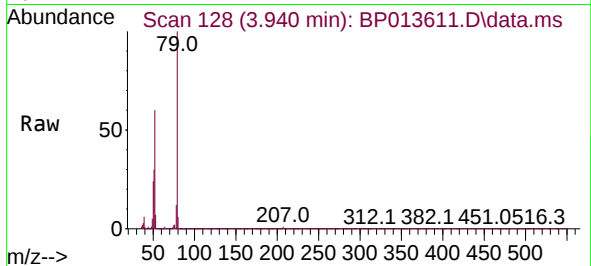
#3
Pyridine
Concen: 36.144 ng
RT: 3.940 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion: 79 Resp: 485005
Ion Ratio Lower Upper
79 100
52 59.8 48.6 73.0
51 30.4 25.1 37.7

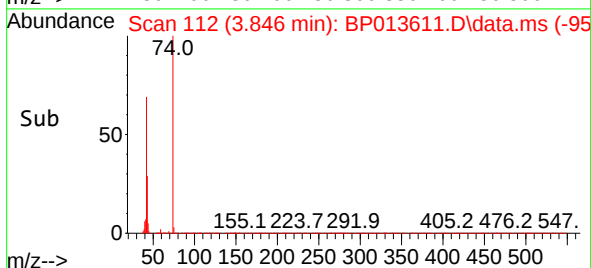
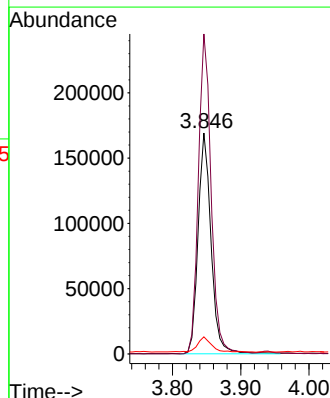
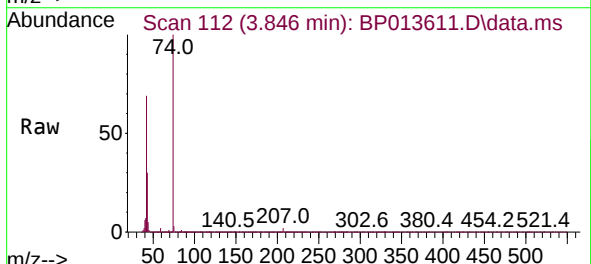
Manual Integrations
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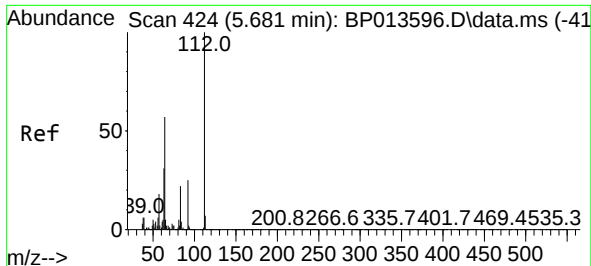
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#4
n-Nitrosodimethylamine
Concen: 42.707 ng
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion: 42 Resp: 223974
Ion Ratio Lower Upper
42 100
74 144.9 112.2 168.2
44 7.7 5.6 8.4





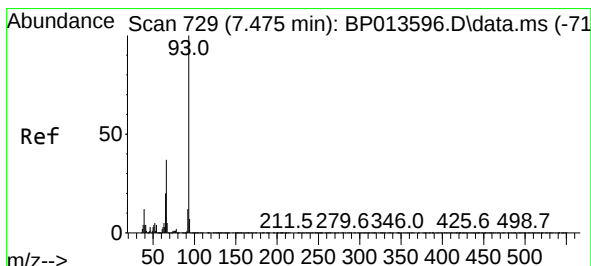
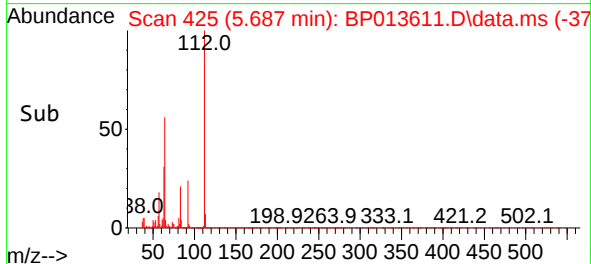
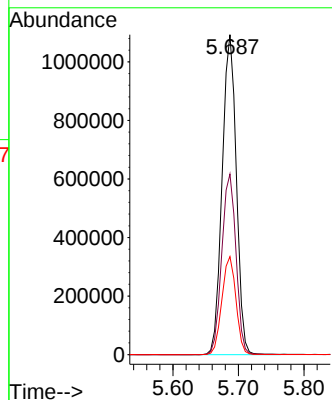
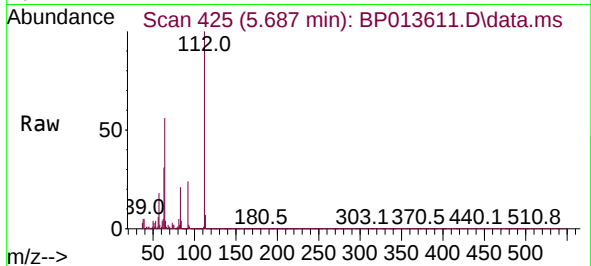
#5
2-Fluorophenol
Concen: 153.611 ng
RT: 5.687 min Scan# 424
Delta R.T. 0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion:112 Resp: 1644714
Ion Ratio Lower Upper
112 100
64 56.4 45.5 68.3
63 30.6 25.1 37.7

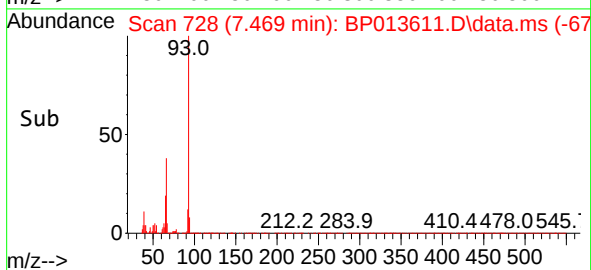
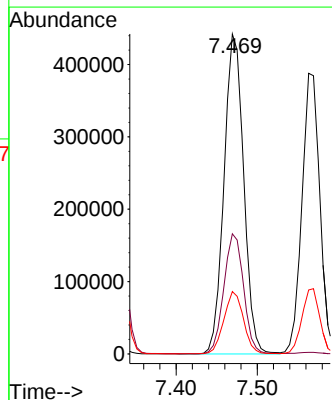
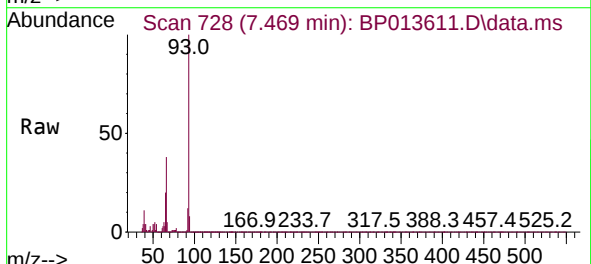
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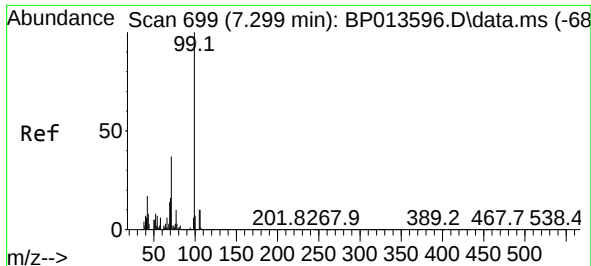
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#6
Aniline
Concen: 38.821 ng
RT: 7.469 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

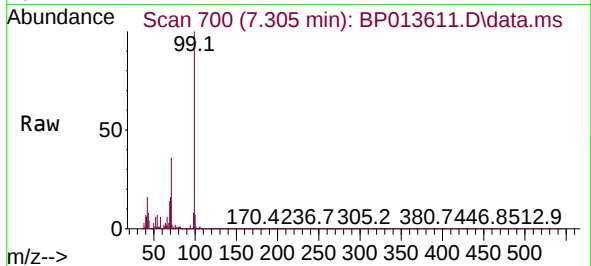
Tgt Ion: 93 Resp: 744165
Ion Ratio Lower Upper
93 100
66 37.5 29.8 44.8
65 19.5 15.8 23.6





#7
Phenol-d6
Concen: 144.696 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

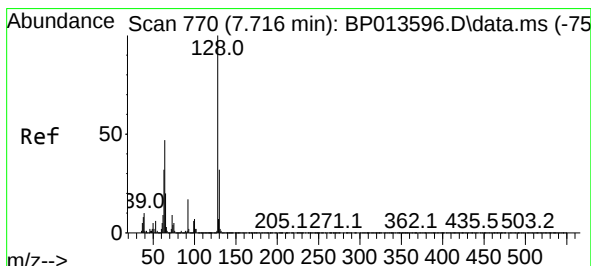
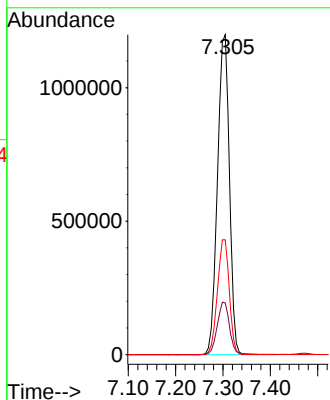
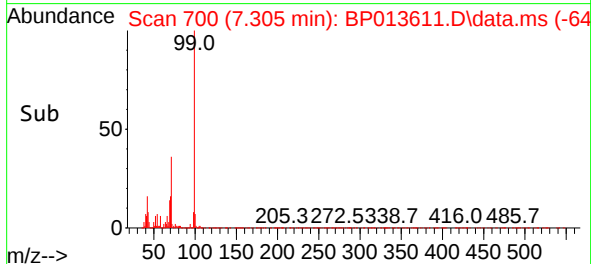
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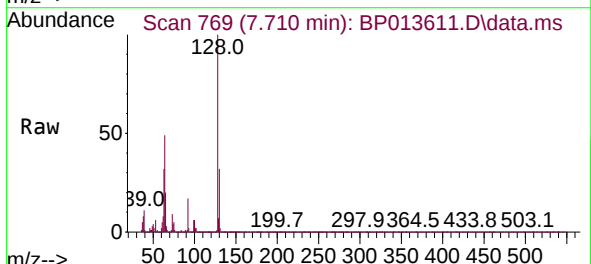
Tgt Ion: 99 Resp: 2092856
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 35.9 29.9 44.9

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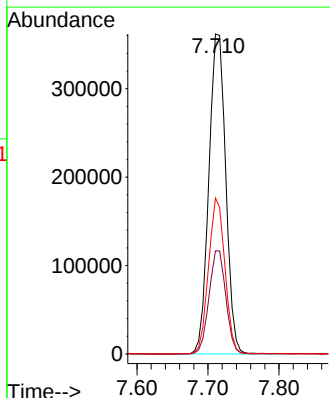
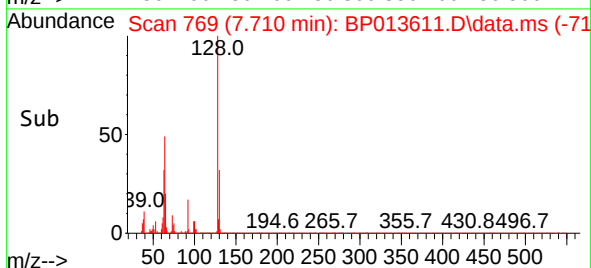
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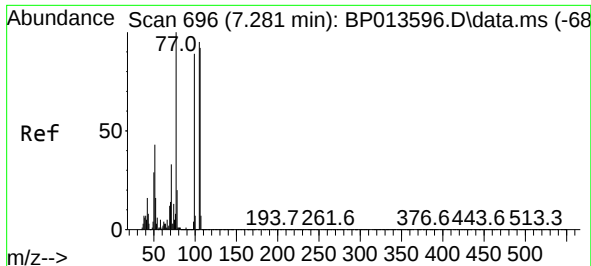


#8
2-Chlorophenol
Concen: 52.581 ng
RT: 7.710 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



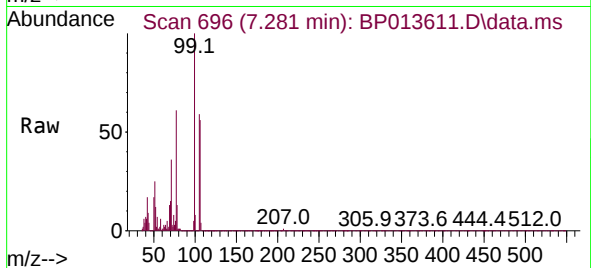
Tgt Ion:128 Resp: 597633
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 48.7 26.8 66.8





#9
Benzaldehyde
Concen: 28.459 ng m
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

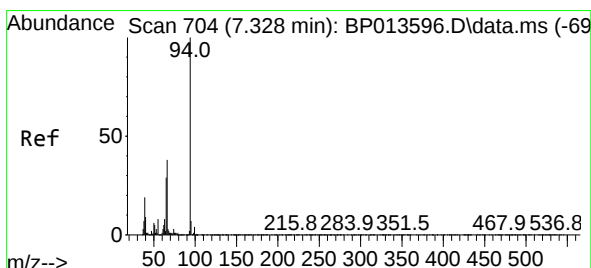
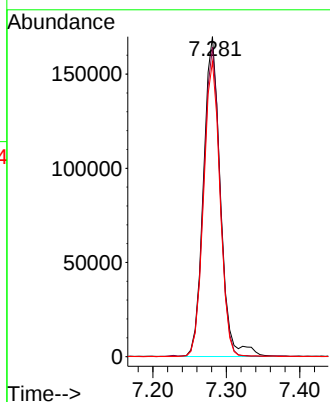
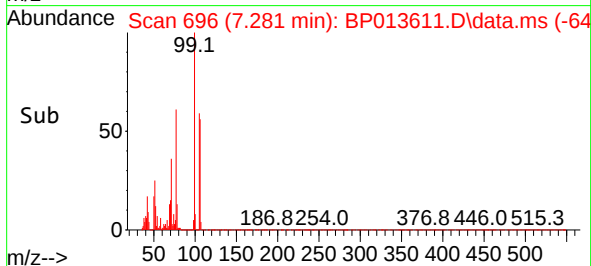
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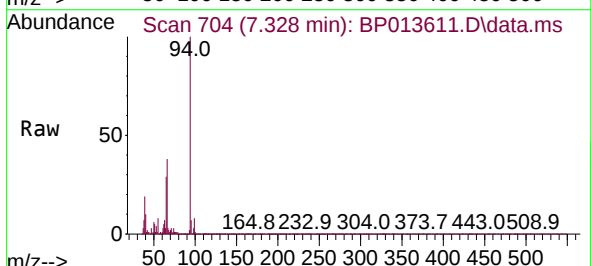
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Ion Ratio Lower Upper
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106 92.2 71.5 111.5

Manual Integrations
APPROVED

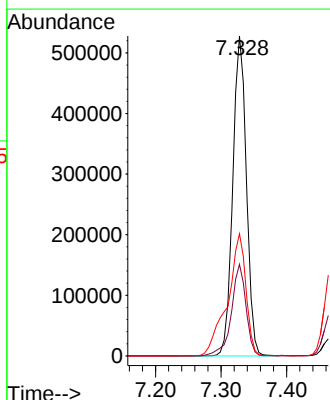
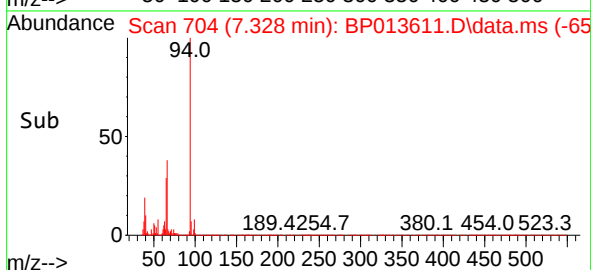
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

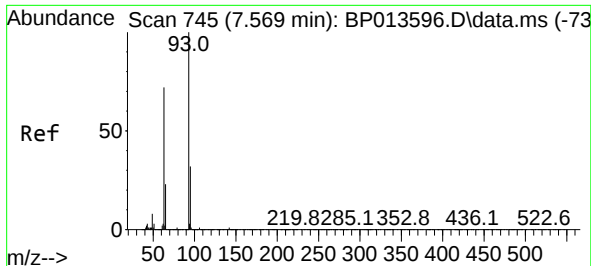


#10
Phenol
Concen: 50.253 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



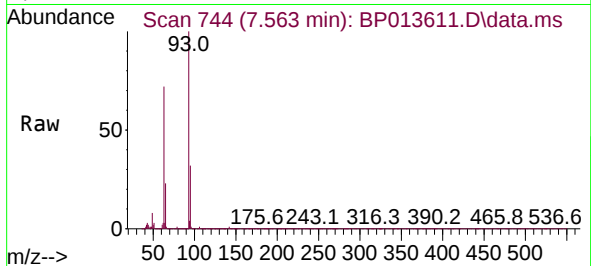
Tgt Ion: 94 Resp: 761381
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 38.2 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 47.048 ng
RT: 7.563 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

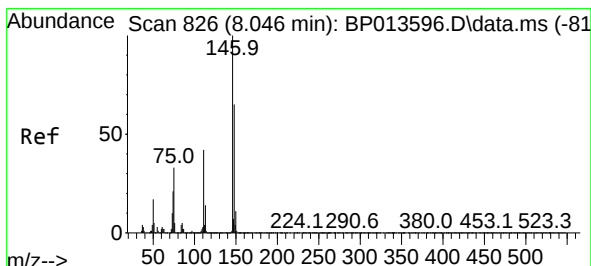
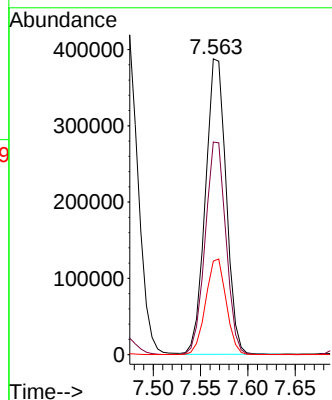
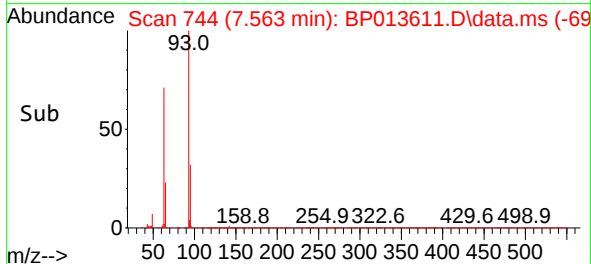
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion: 93 Resp: 590303
Ion Ratio Lower Upper
93 100
63 71.8 52.1 92.1
95 31.6 11.9 51.9

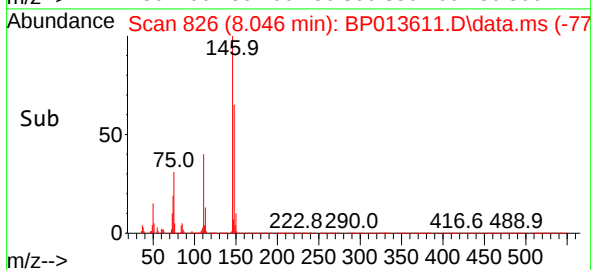
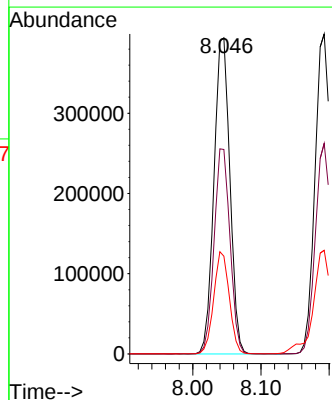
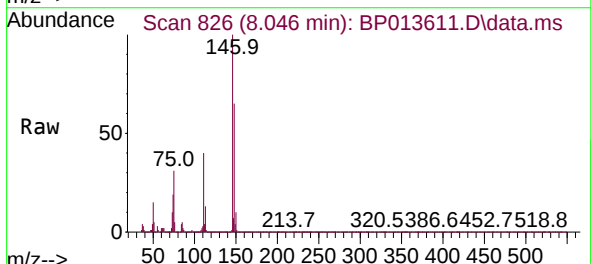
Manual Integrations
APPROVED

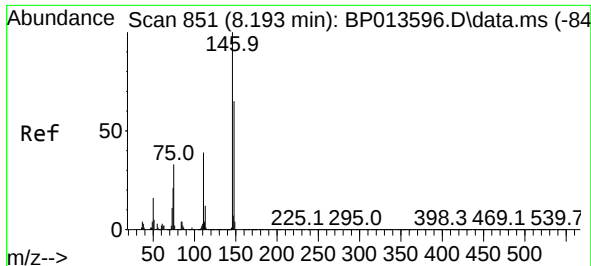
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#12
1,3-Dichlorobenzene
Concen: 48.616 ng
RT: 8.046 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:146 Resp: 637847
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
75 30.9 26.6 40.0





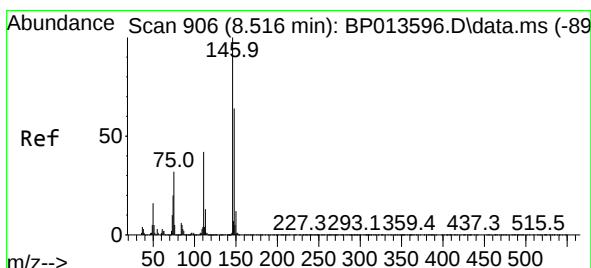
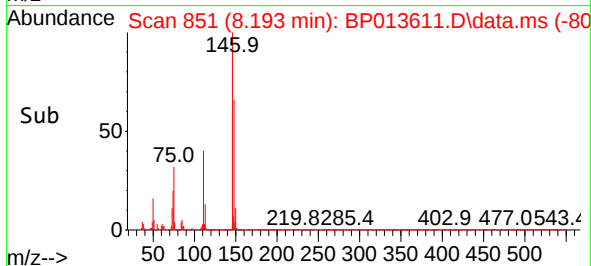
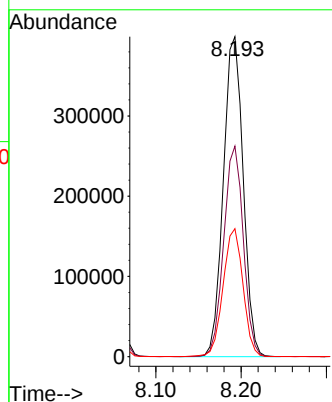
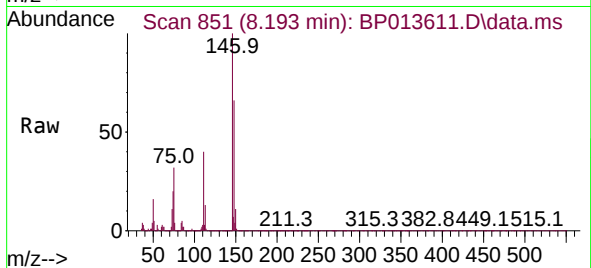
#13
1,4-Dichlorobenzene
Concen: 48.482 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion:146 Resp: 645011
Ion Ratio Lower Upper
146 100
148 65.8 52.0 78.0
111 40.0 31.5 47.3

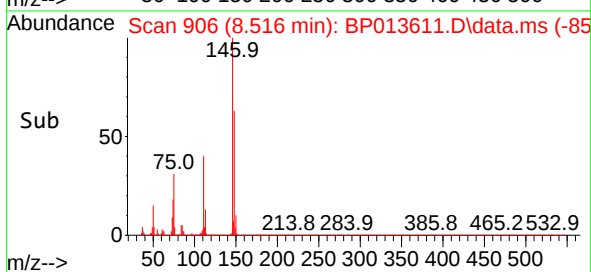
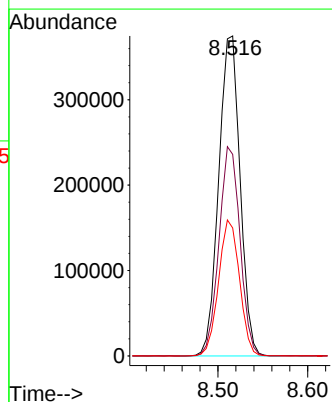
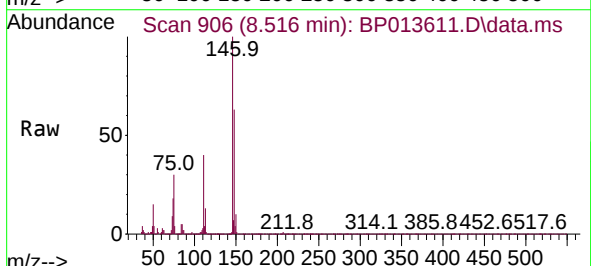
Manual Integrations
APPROVED

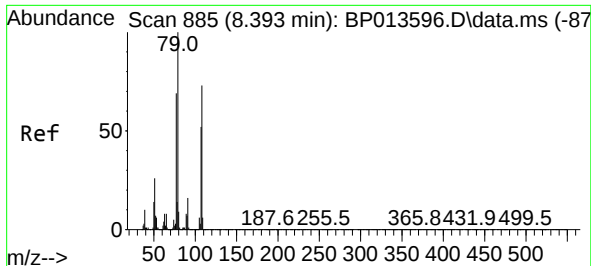
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#14
1,2-Dichlorobenzene
Concen: 49.626 ng
RT: 8.516 min Scan# 906
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

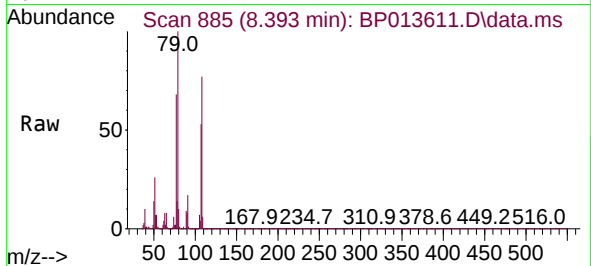
Tgt Ion:146 Resp: 621607
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
111 40.0 33.3 49.9





#15
Benzyl Alcohol
Concen: 45.304 ng m
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

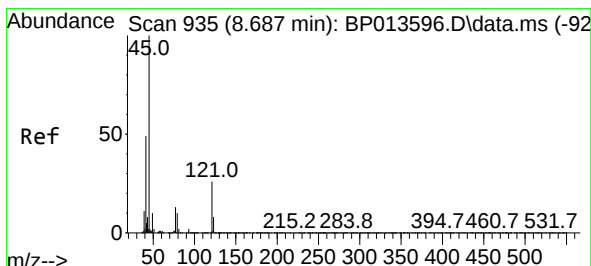
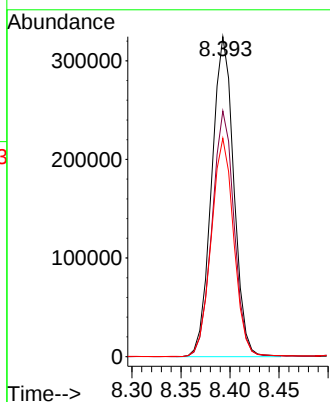
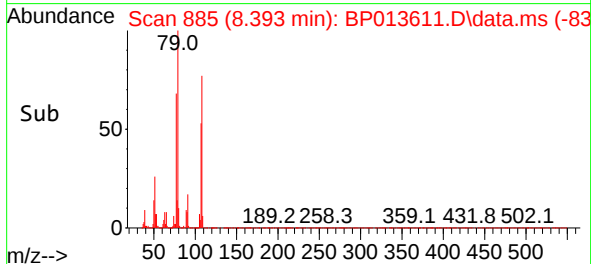
Instrument :
BNA_P
ClientSampleId :
PB150456BS



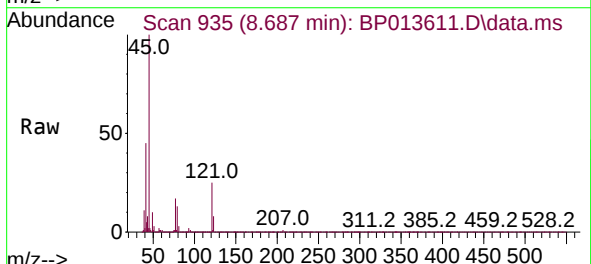
Tgt Ion: 79 Resp: 508826
Ion Ratio Lower Upper
79 100
108 76.8 58.4 87.6
77 68.2 55.0 82.6

Manual Integrations
APPROVED

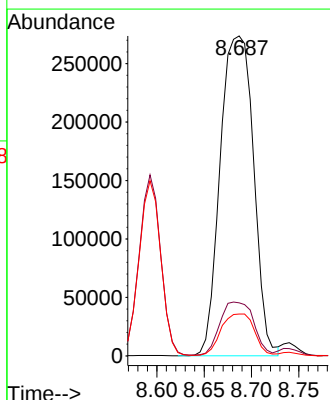
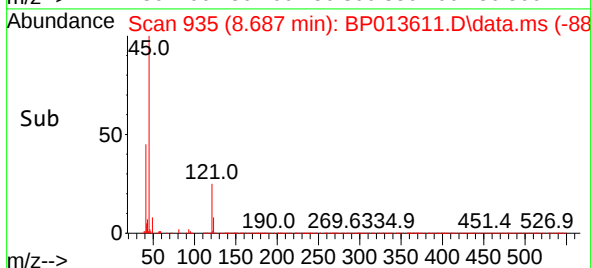
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

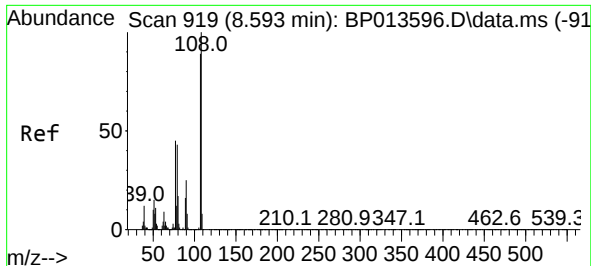


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.417 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



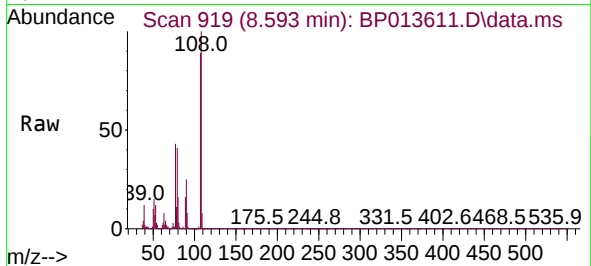
Tgt Ion: 45 Resp: 670432
Ion Ratio Lower Upper
45 100
77 16.6 0.0 37.2
79 13.1 0.0 33.7





#17
2-Methylphenol
Concen: 47.077 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

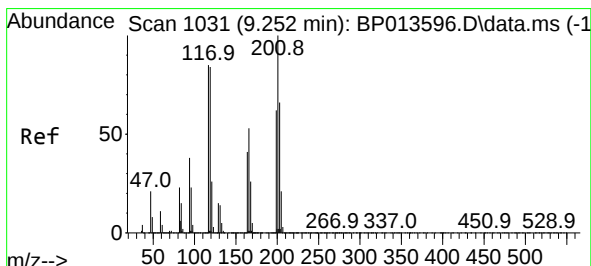
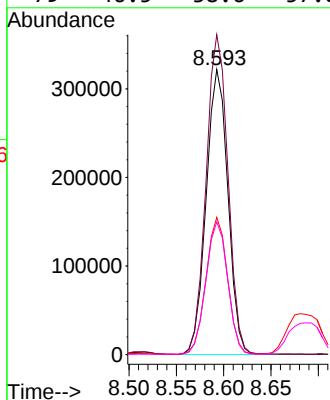
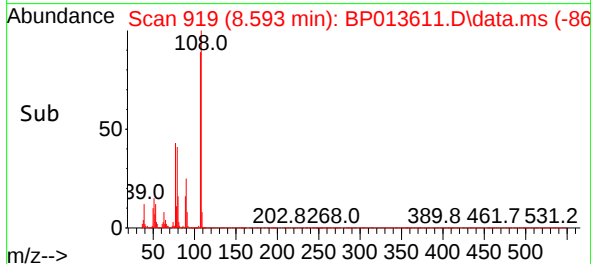
Instrument :
BNA_P
ClientSampleId :
PB150456BS



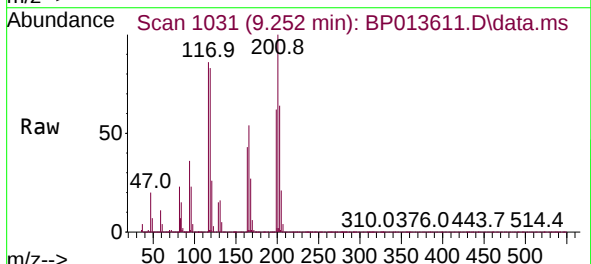
Tgt Ion:107 Resp: 514686
Ion Ratio Lower Upper
107 100
108 112.3 89.6 134.4
77 48.1 40.4 60.6
79 46.5 38.6 57.8

Manual Integrations
APPROVED

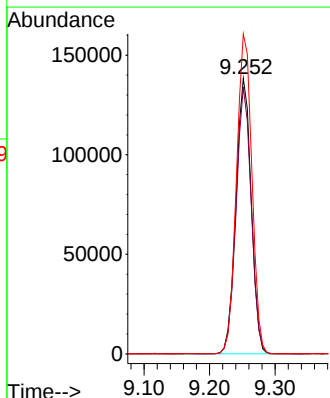
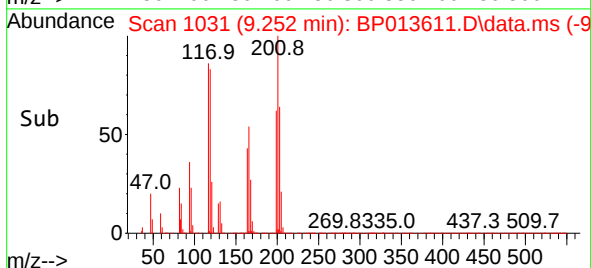
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

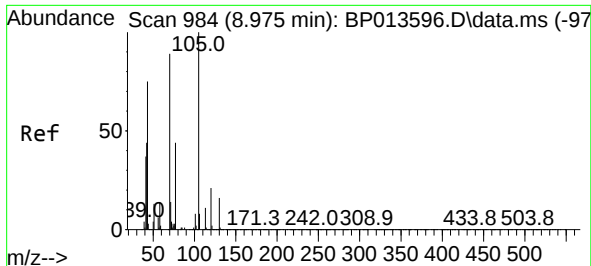


#18
Hexachloroethane
Concen: 46.579 ng
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



Tgt Ion:117 Resp: 222006
Ion Ratio Lower Upper
117 100
119 96.8 78.6 118.0
201 116.2 94.0 141.0





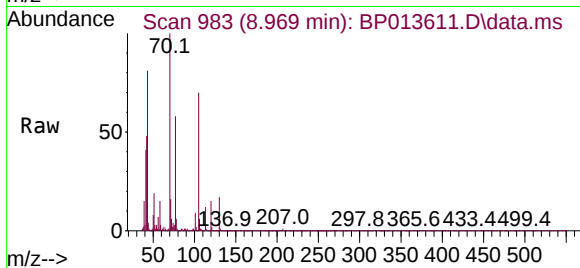
#19
n-Nitroso-di-n-propylamine
Concen: 44.089 ng
RT: 8.969 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

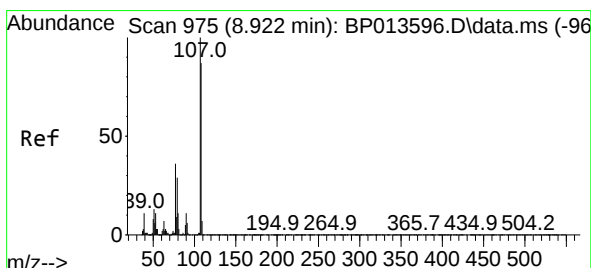
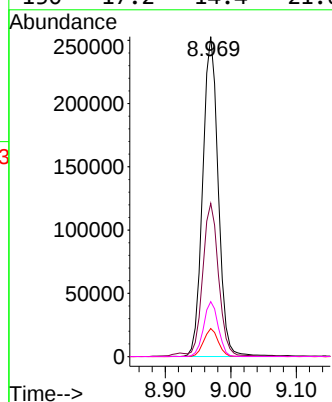
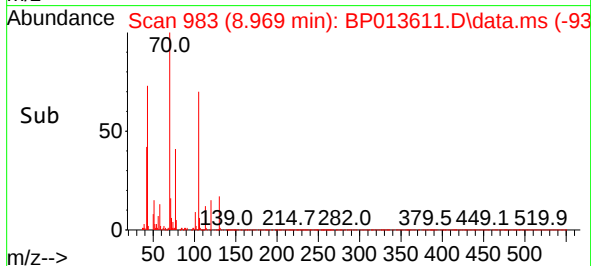


Tgt Ion: 70 Resp: 414419
Ion Ratio Lower Upper
70 100
42 47.9 40.1 60.1
101 8.8 7.0 10.4
130 17.2 14.4 21.6

Manual Integrations

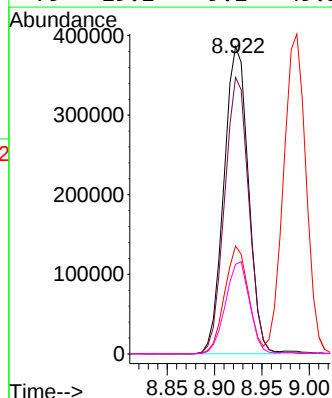
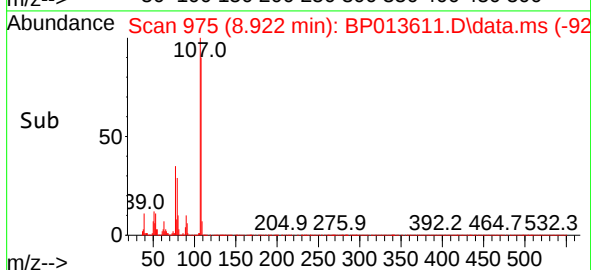
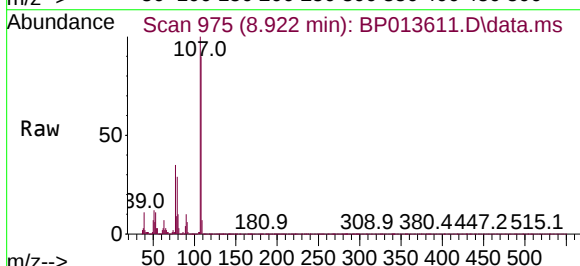
APPROVED

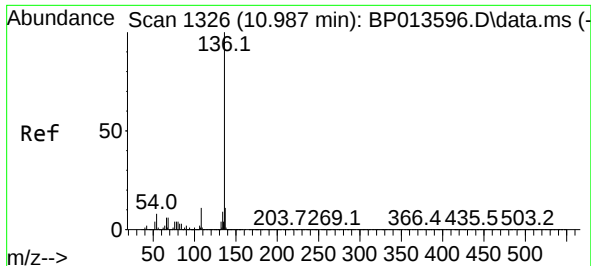
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#20
3+4-Methylphenols
Concen: 46.313 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:107 Resp: 693884
Ion Ratio Lower Upper
107 100
108 90.0 67.4 107.4
77 35.1 15.9 55.9
79 29.2 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

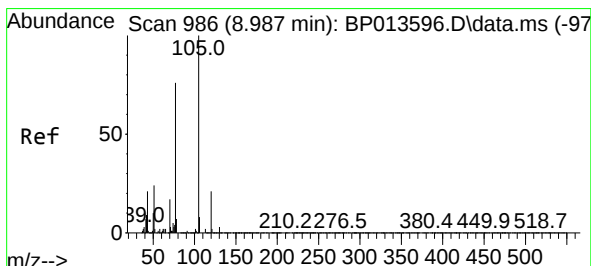
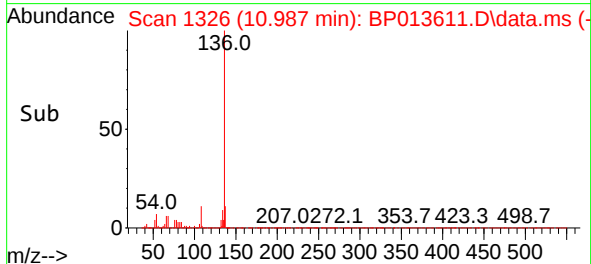
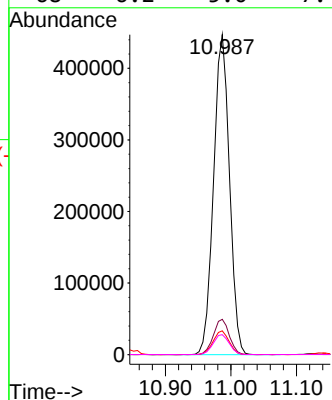
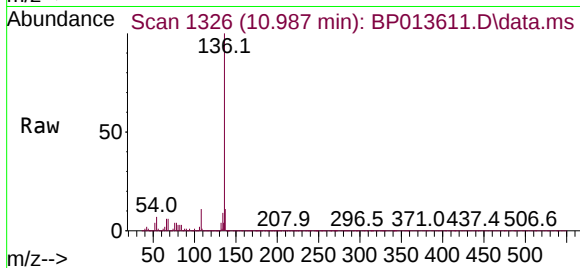
PB150456BS

Tgt Ion:136 Resp: 752913
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 6.1 9.1
68 6.2 5.0 7.4

Manual Integrations

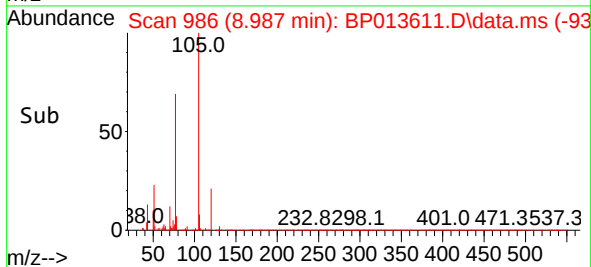
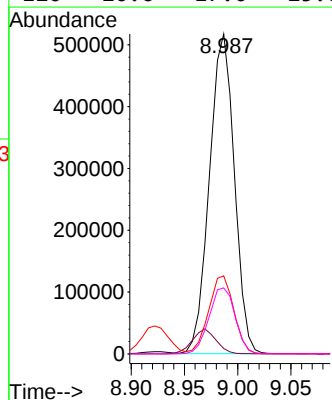
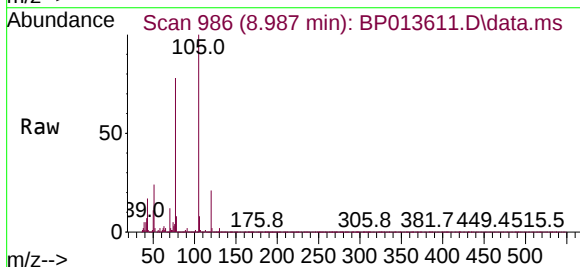
APPROVED

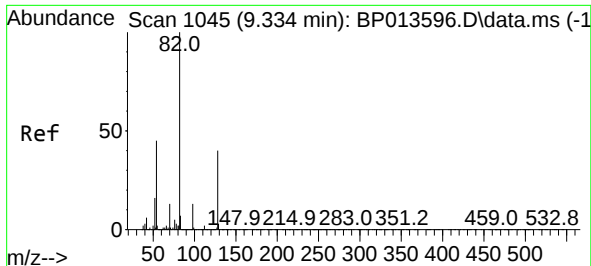
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#22
Acetophenone
Concen: 44.343 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

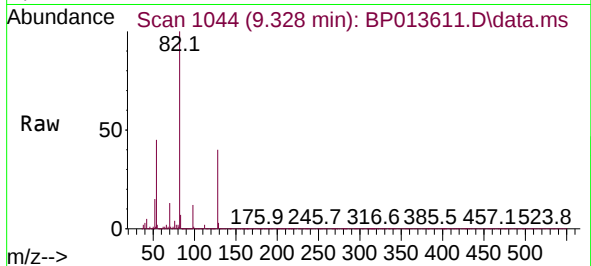
Tgt Ion:105 Resp: 842719
Ion Ratio Lower Upper
105 100
71 1.7 2.5 3.7#
51 24.4 20.6 31.0
120 20.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 85.316 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

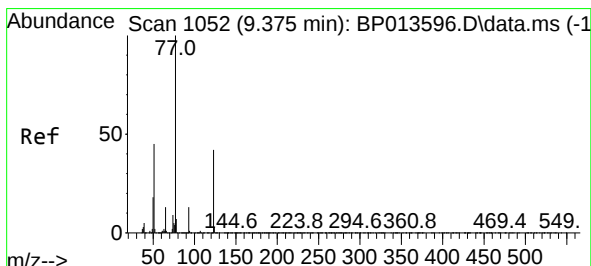
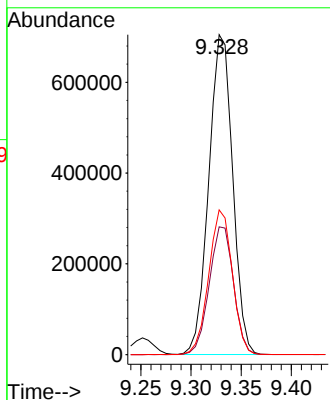
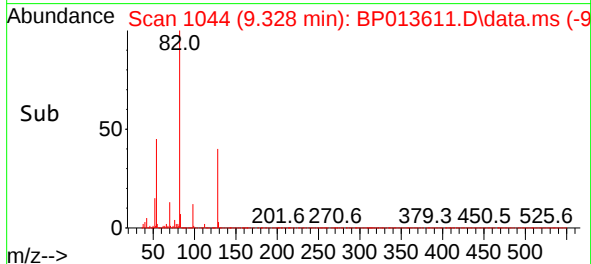
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion: 82 Resp: 1169029
Ion Ratio Lower Upper
82 100
128 39.9 31.8 47.8
54 45.2 36.2 54.2

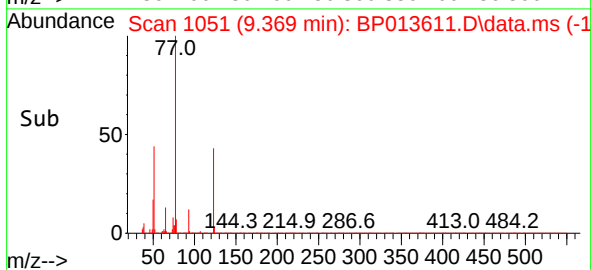
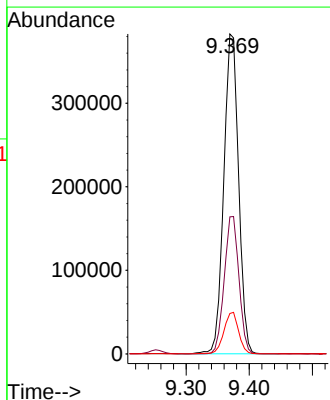
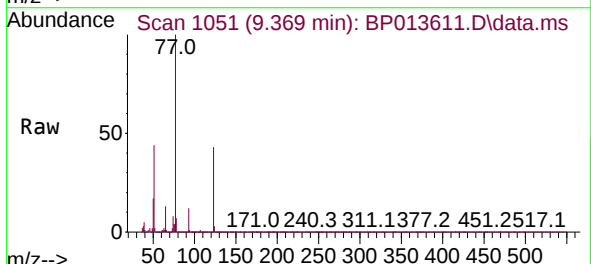
Manual Integrations
APPROVED

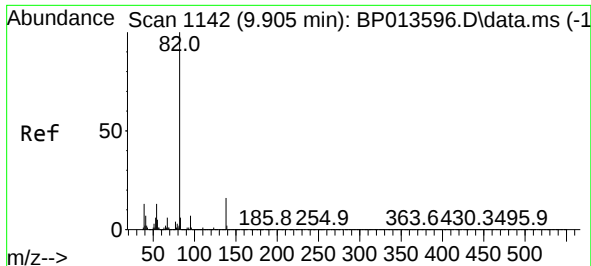
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#24
Nitrobenzene
Concen: 43.437 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion: 77 Resp: 622915
Ion Ratio Lower Upper
77 100
123 42.8 33.9 50.9
65 12.6 10.2 15.4





#25
Isophorone
Concen: 42.052 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

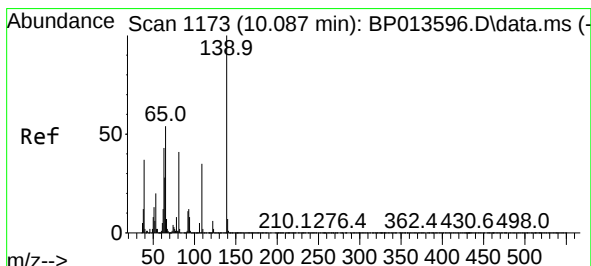
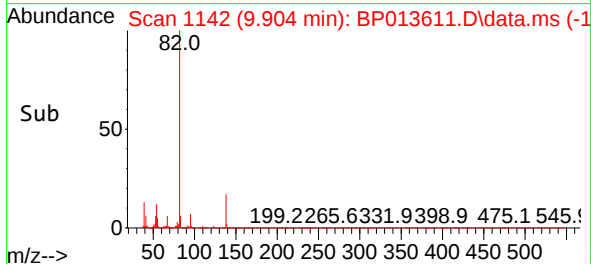
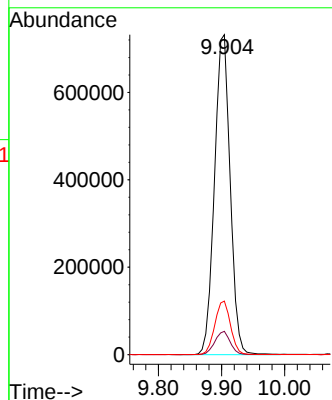
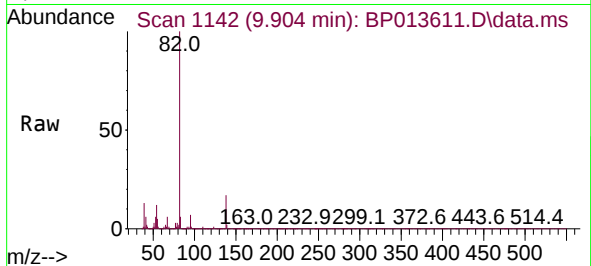
ClientSampleId :

PB150456BS

Tgt Ion: 82 Resp: 1262200
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.0 19.6

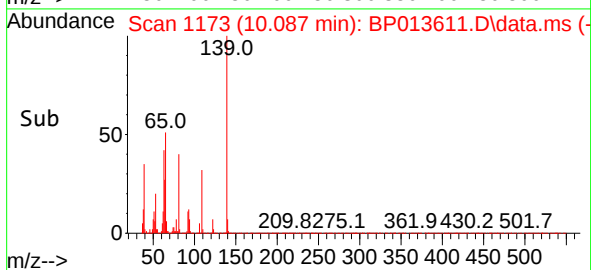
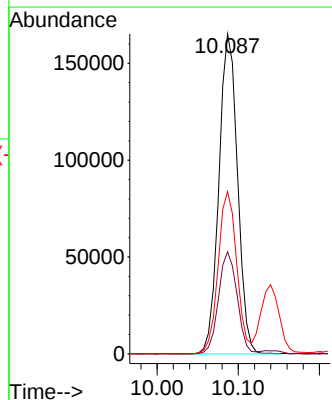
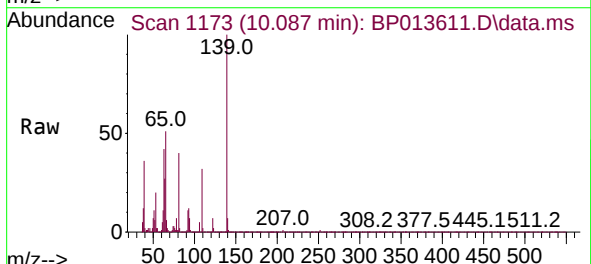
Manual Integrations
APPROVED

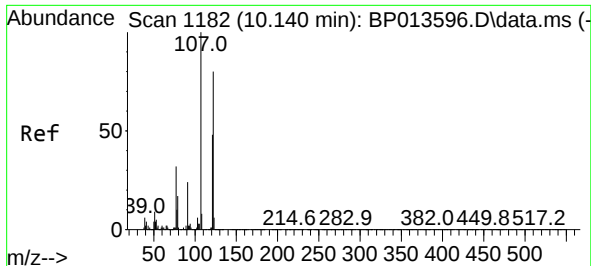
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#26
2-Nitrophenol
Concen: 42.617 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:139 Resp: 262533
Ion Ratio Lower Upper
139 100
109 31.9 27.8 41.8
65 50.7 43.1 64.7





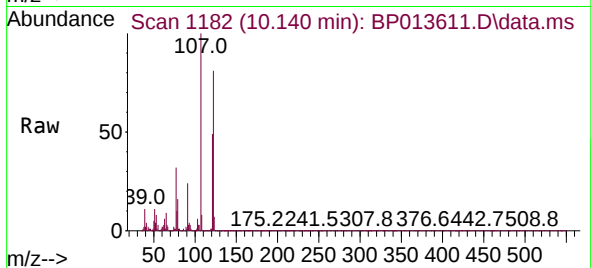
#27
2,4-Dimethylphenol
Concen: 47.211 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

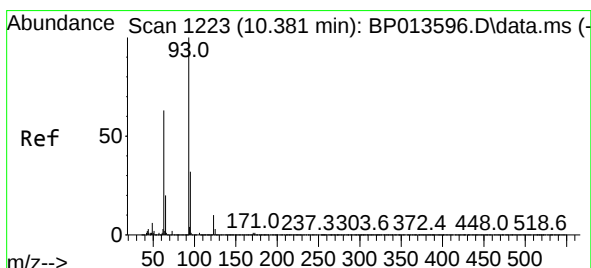
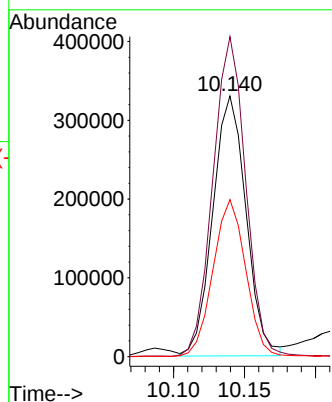
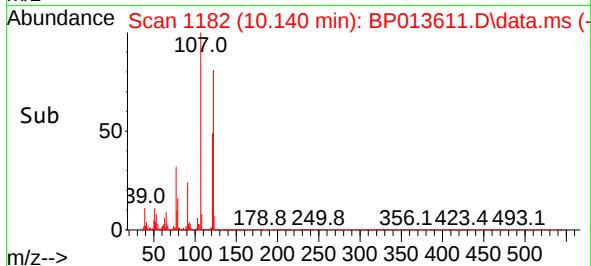


Tgt Ion: 122 Resp: 538382
Ion Ratio Lower Upper
122 100
107 122.8 99.2 148.8
121 60.2 48.0 72.0

Manual Integrations

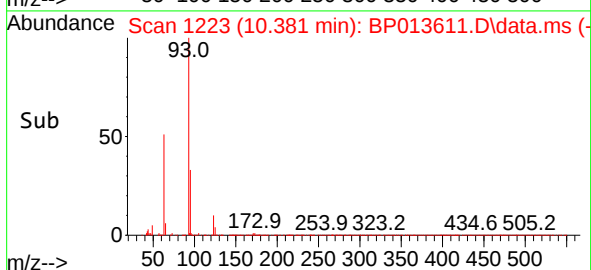
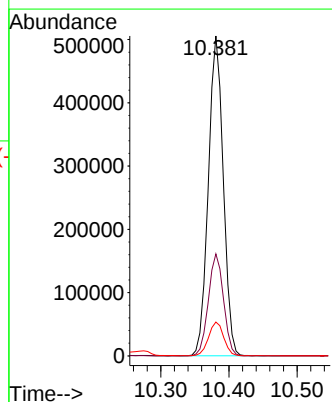
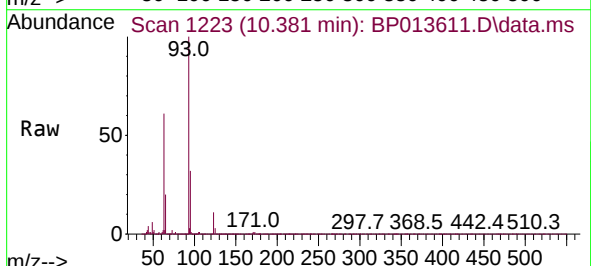
APPROVED

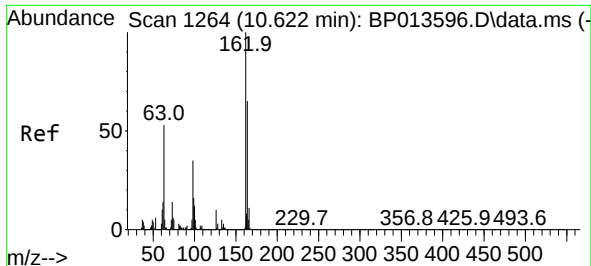
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.100 ng
RT: 10.381 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion: 93 Resp: 770184
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.887 ng

RT: 10.622 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BP013611.D

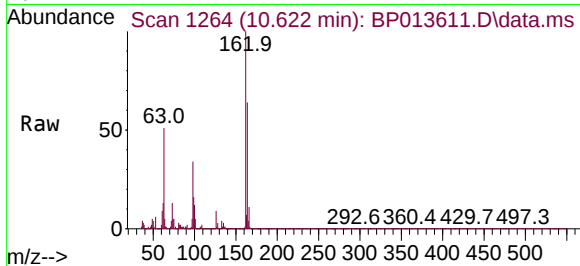
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS



Tgt Ion:162 Resp: 614535

Ion Ratio Lower Upper

162 100

164 63.7 45.3 85.3

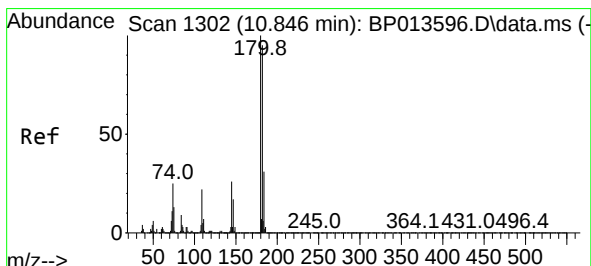
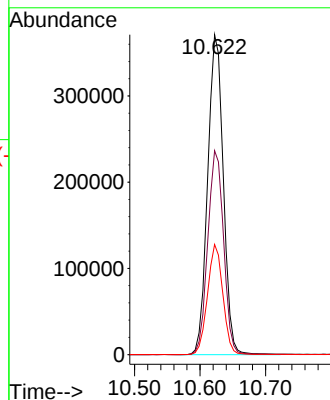
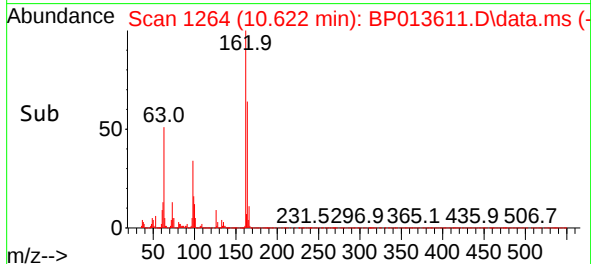
98 34.4 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.503 ng

RT: 10.846 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

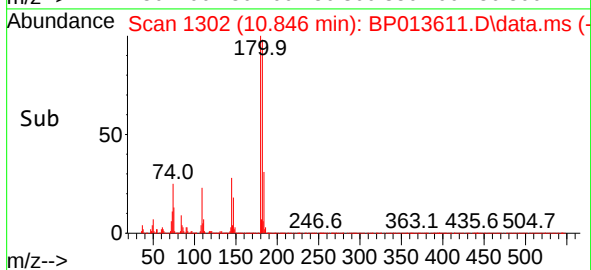
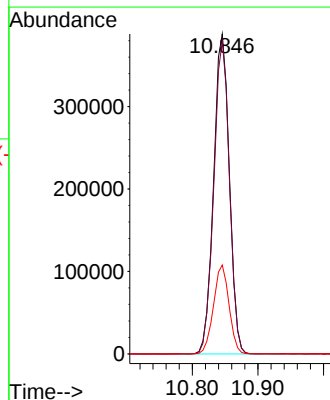
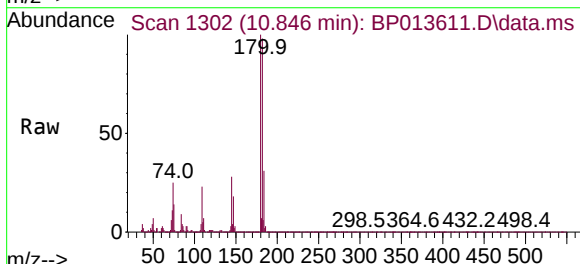
Tgt Ion:180 Resp: 647422

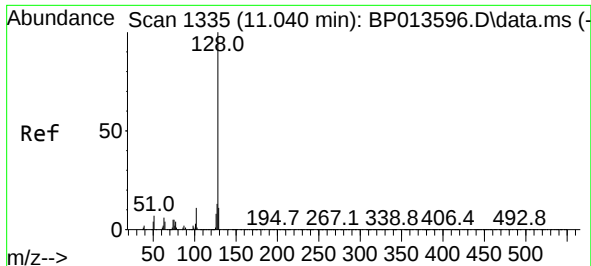
Ion Ratio Lower Upper

180 100

182 97.8 75.9 113.9

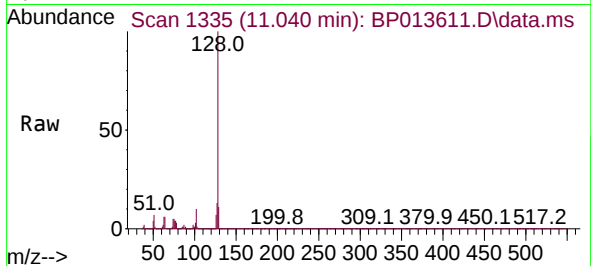
145 27.8 21.1 31.7





#31
Naphthalene
Concen: 44.119 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

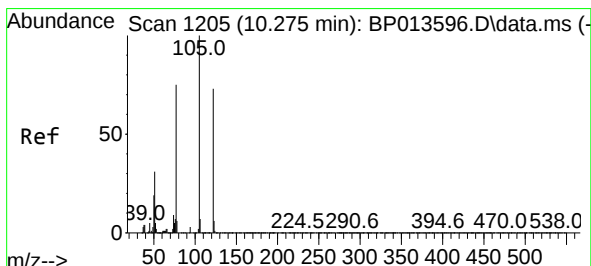
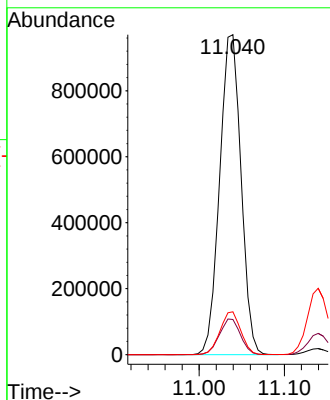
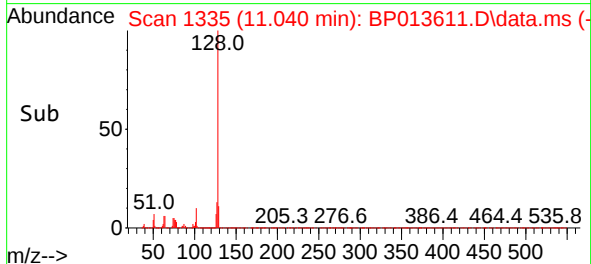
Instrument :
BNA_P
ClientSampleId :
PB150456BS



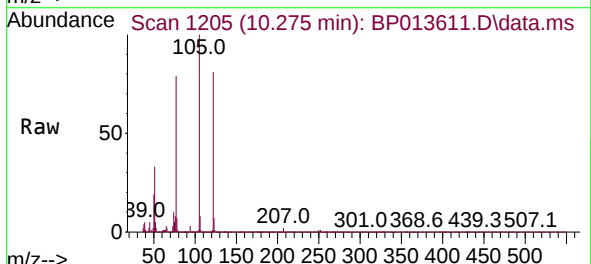
Tgt Ion:128 Resp: 1687948
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.4 15.6

Manual Integrations
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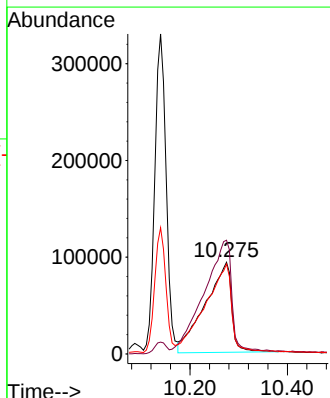
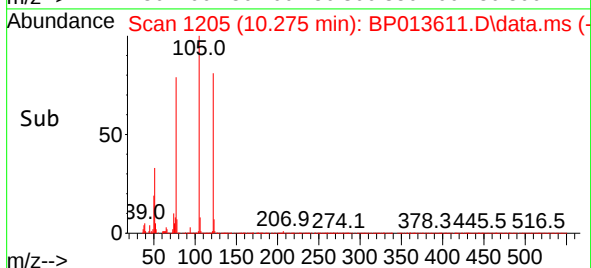
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

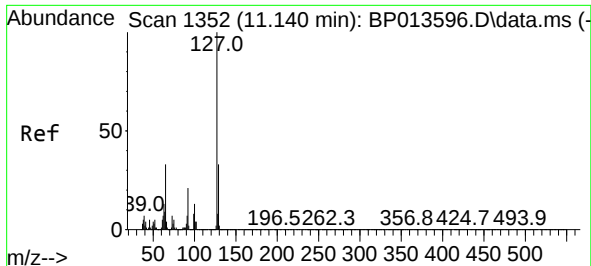


#32
Benzoic acid
Concen: 42.273 ng
RT: 10.275 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



Tgt Ion:122 Resp: 351421
Ion Ratio Lower Upper
122 100
105 123.9 110.7 150.7
77 98.0 81.1 121.1





#33
4-Chloroaniline
Concen: 20.822 ng
RT: 11.140 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

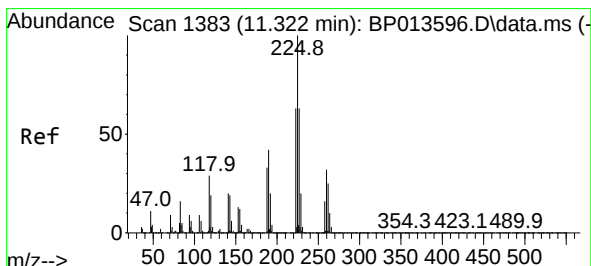
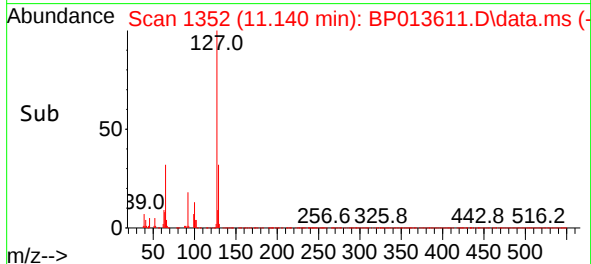
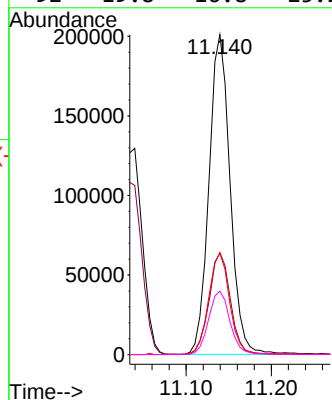
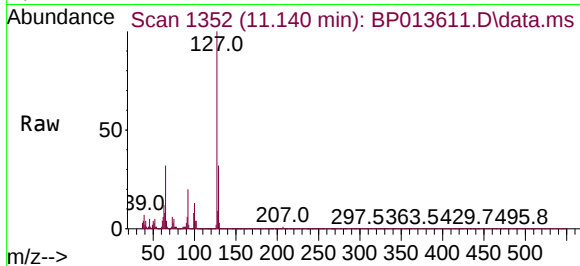
ClientSampleId :

PB150456BS

Tgt Ion:127 Resp: 34584
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 31.7 26.3 39.5
92 19.8 16.8 25.2

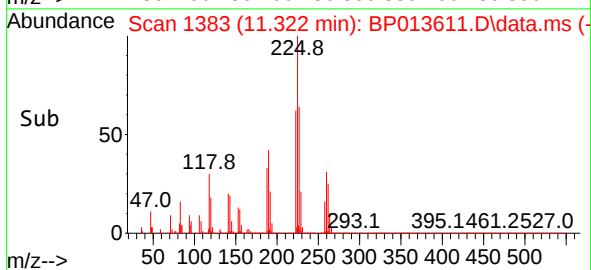
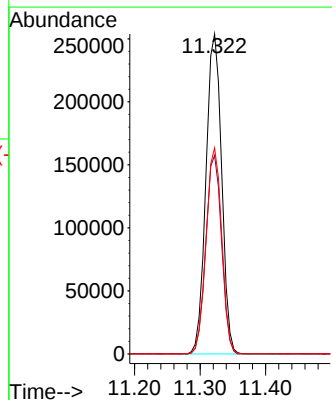
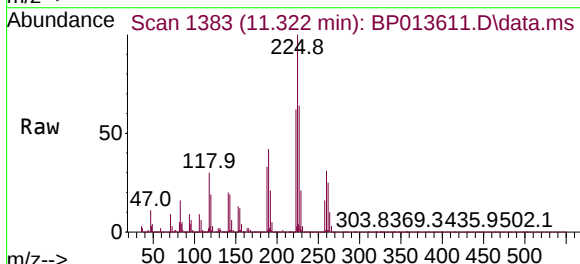
Manual Integrations
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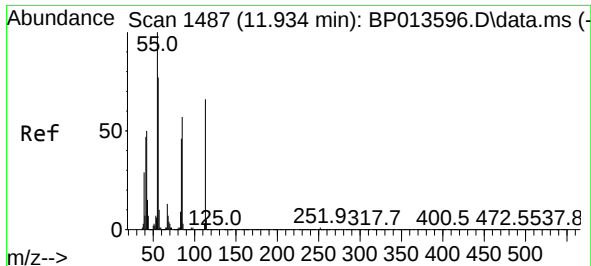
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#34
Hexachlorobutadiene
Concen: 43.889 ng
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

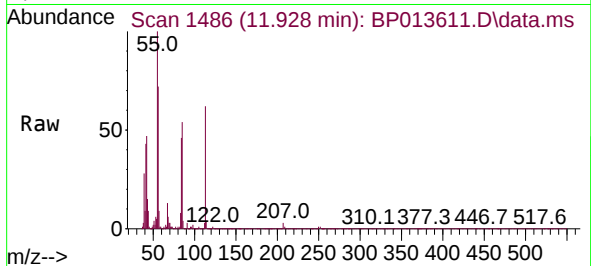
Tgt Ion:225 Resp: 419857
Ion Ratio Lower Upper
225 100
223 62.0 50.7 76.1
227 64.4 50.5 75.7





#35
Caprolactam
Concen: 45.912 ng m
RT: 11.928 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

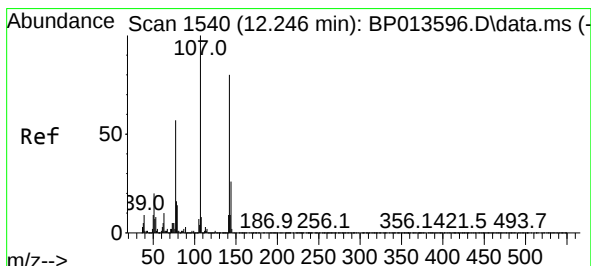
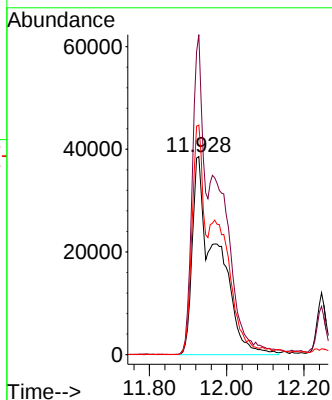
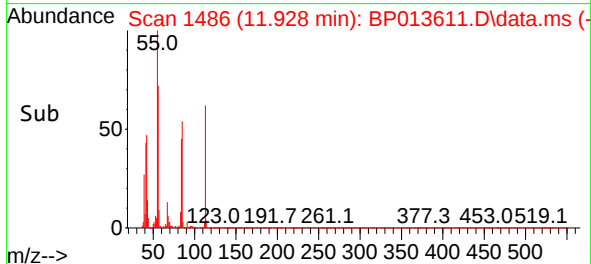
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion:113 Resp: 168938
Ion Ratio Lower Upper
113 100
55 161.7 131.6 171.6
56 116.0 97.2 137.2

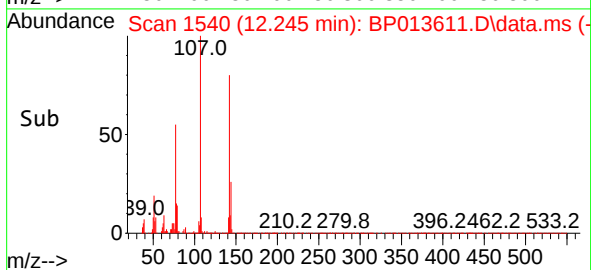
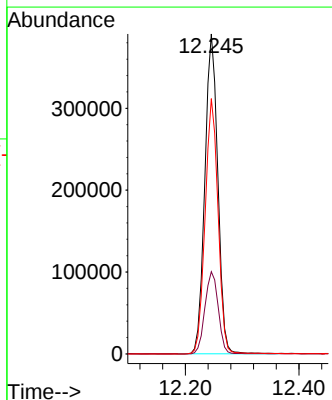
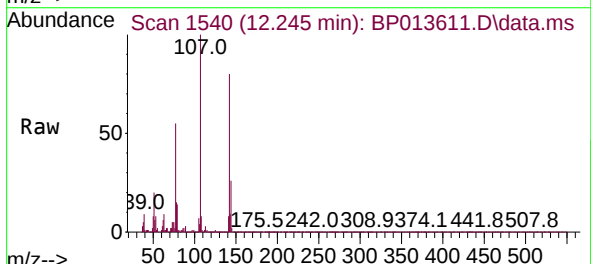
Manual Integrations
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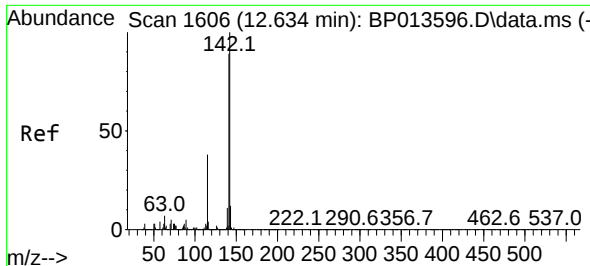
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 45.616 ng
RT: 12.245 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:107 Resp: 620585
Ion Ratio Lower Upper
107 100
144 25.7 20.9 31.3
142 79.8 64.2 96.4





#37
2-Methylnaphthalene
Concen: 42.139 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

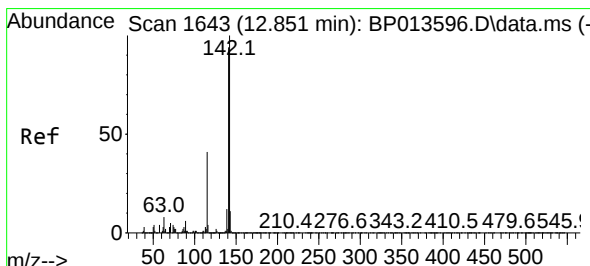
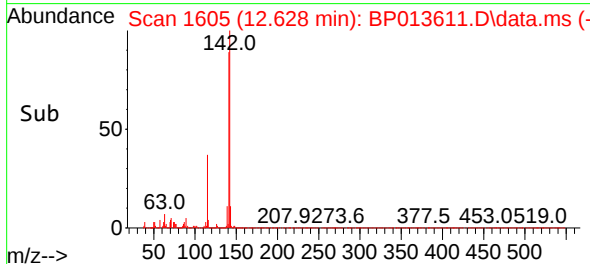
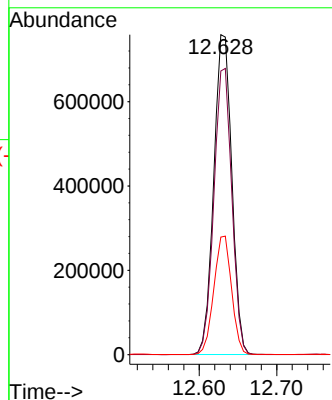
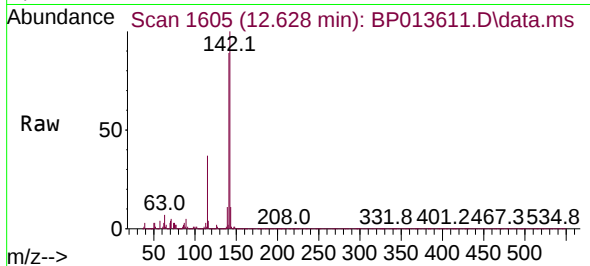
PB150456BS

Tgt Ion:142 Resp: 1232136
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 36.7 30.6 46.0

Manual Integrations

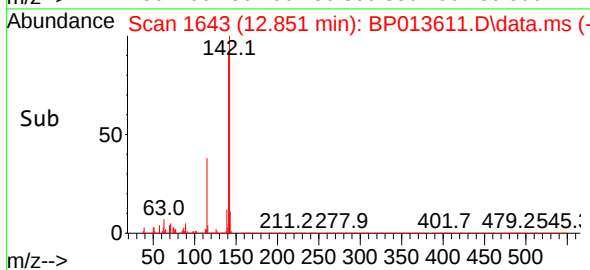
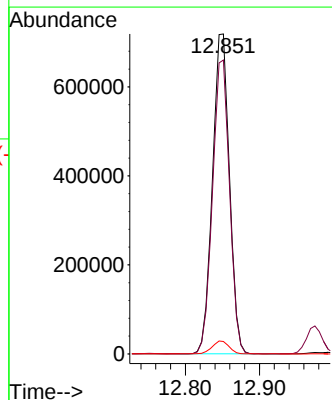
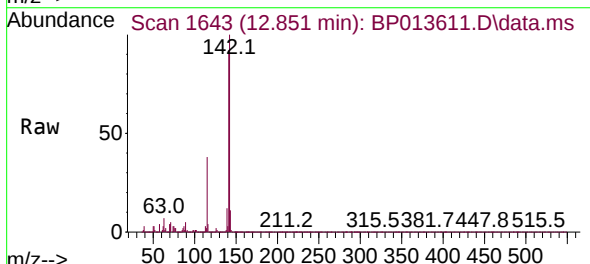
APPROVED

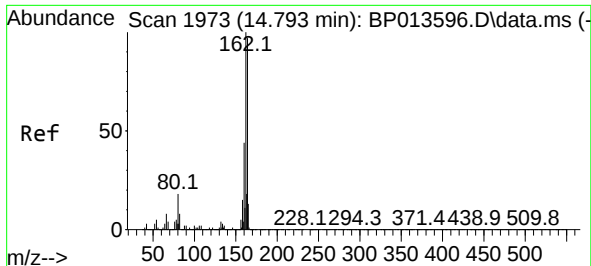
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#38
1-Methylnaphthalene
Concen: 41.772 ng
RT: 12.851 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

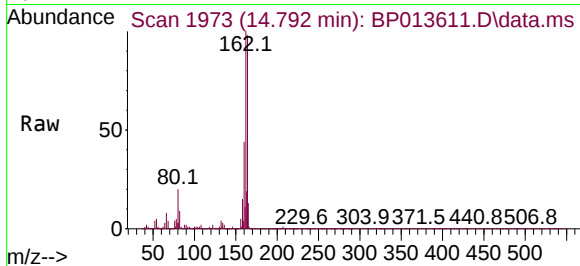
Tgt Ion:142 Resp: 1143168
Ion Ratio Lower Upper
142 100
141 91.8 75.5 113.3
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

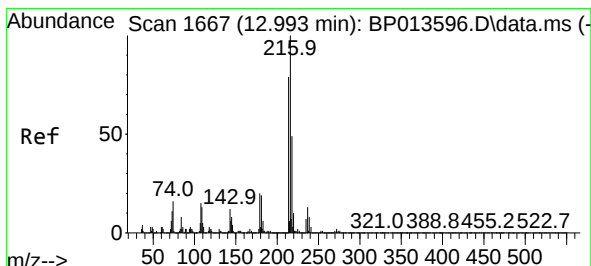
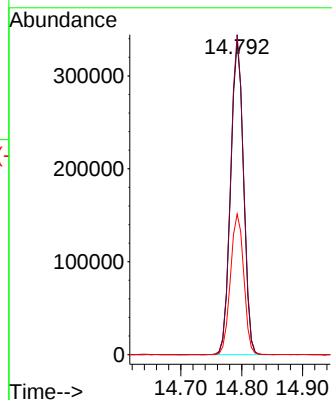
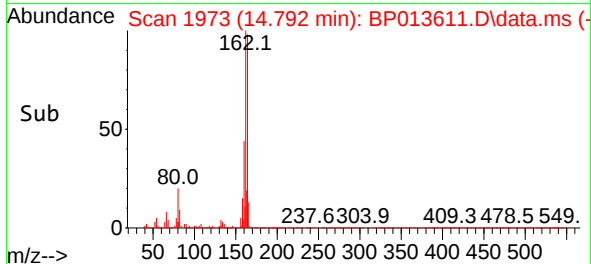
Instrument :
BNA_P
ClientSampleId :
PB150456BS



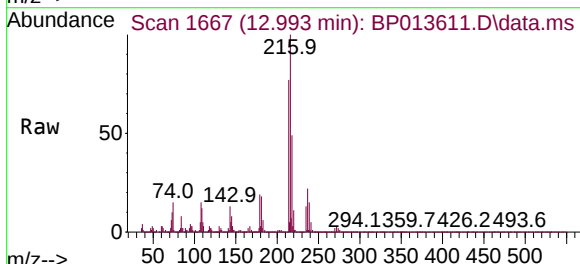
Tgt Ion:164 Resp: 493636
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 44.9 36.6 54.8

Manual Integrations
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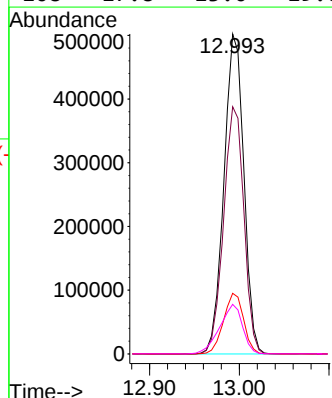
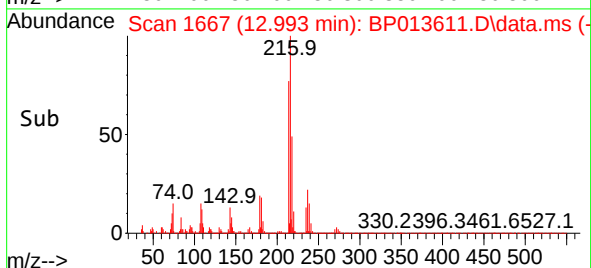
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

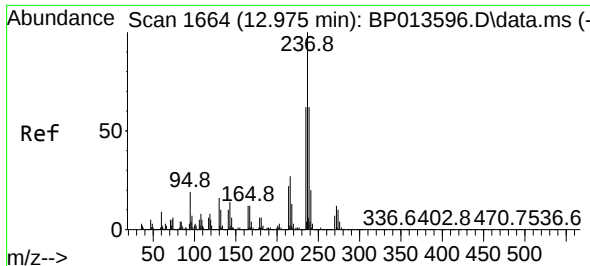


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.169 ng
RT: 12.993 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



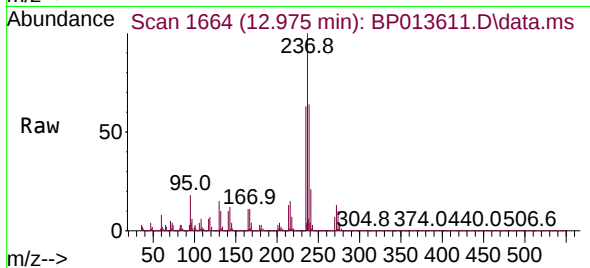
Tgt Ion:216 Resp: 776807
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 19.1 15.4 23.0
108 17.8 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 98.012 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

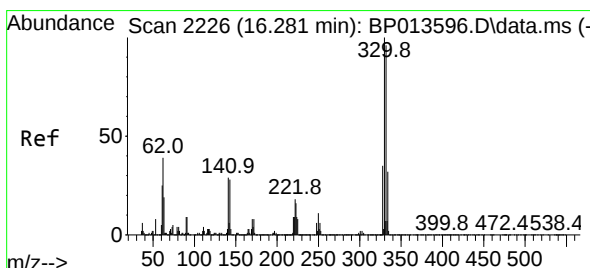
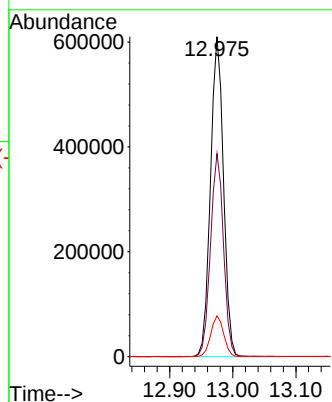
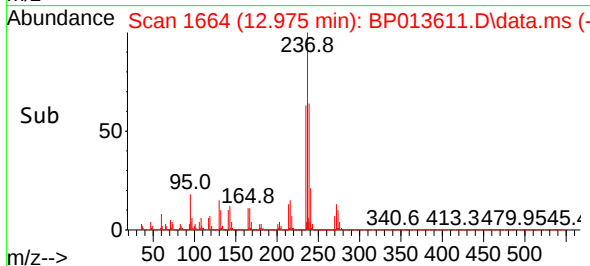
Instrument :
BNA_P
ClientSampleId :
PB150456BS



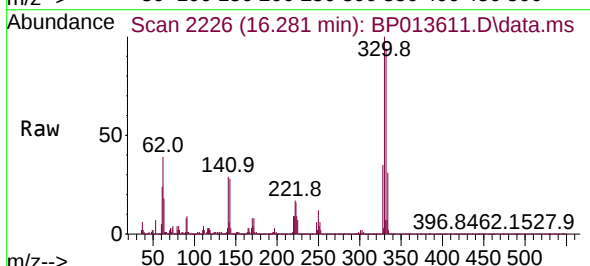
Tgt Ion:237 Resp: 870854
Ion Ratio Lower Upper
237 100
235 63.4 41.9 81.9
272 12.7 0.0 32.4

Manual Integrations
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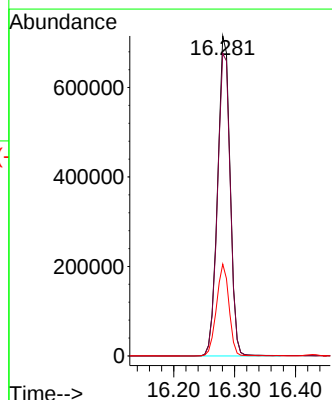
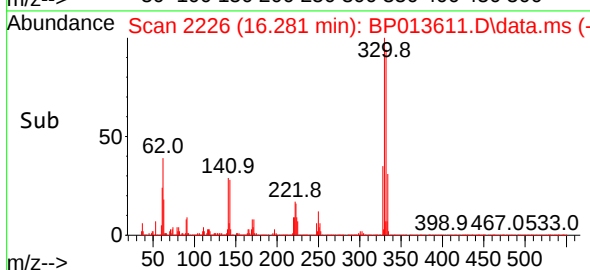
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

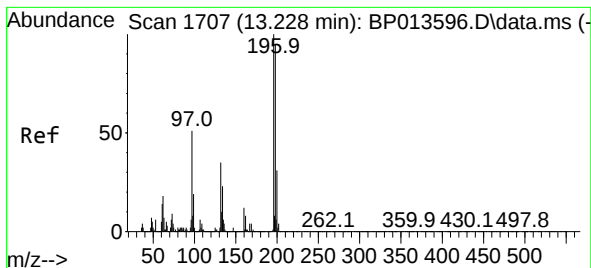


#42
2,4,6-Tribromophenol
Concen: 135.602 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



Tgt Ion:330 Resp: 1019124
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 28.7 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 47.020 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

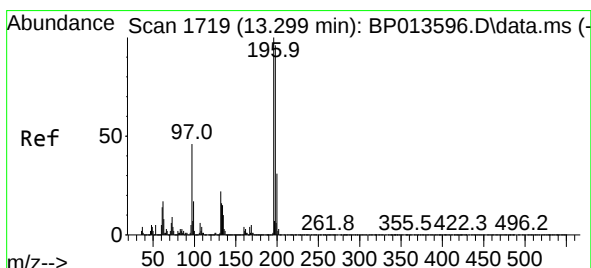
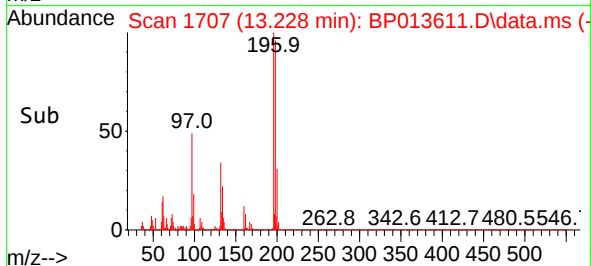
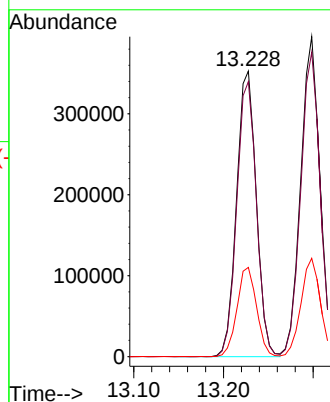
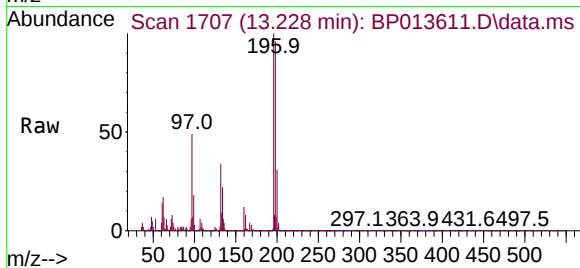
Tgt Ion:196	Resp: 541069
Ion Ratio	Lower Upper
196	100
198	96.3 76.2 114.4
200	31.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#44

2,4,5-Trichlorophenol

Concen: 43.597 ng

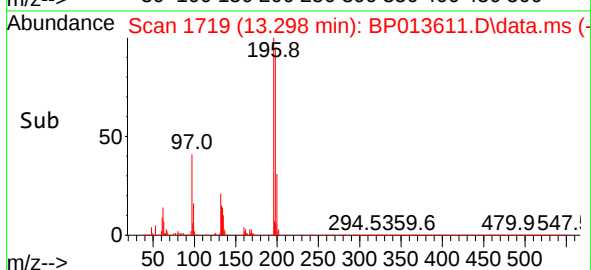
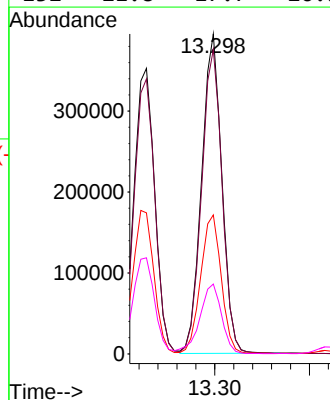
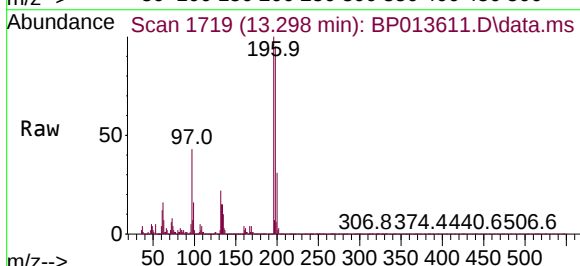
RT: 13.298 min Scan# 1719

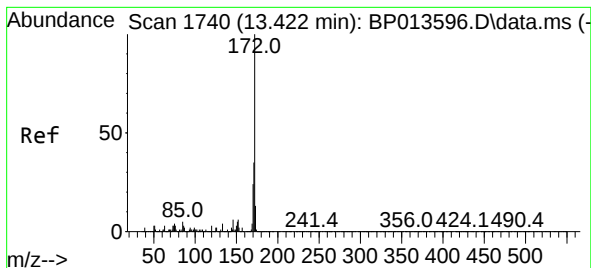
Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Tgt Ion:196	Resp: 586692
Ion Ratio	Lower Upper
196	100
198	95.1 76.9 115.3
97	43.4 36.8 55.2
132	21.8 17.7 26.5





#45

2-Fluorobiphenyl

Concen: 88.149 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:172 Resp: 304670

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

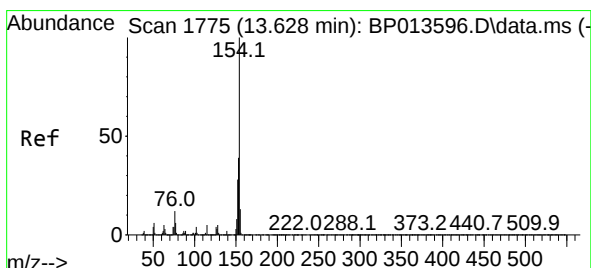
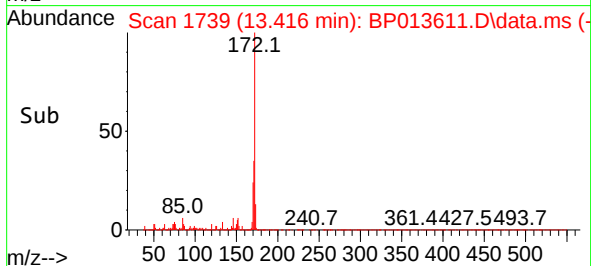
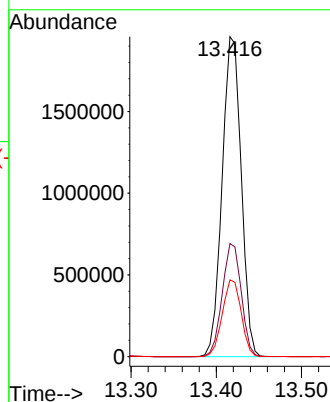
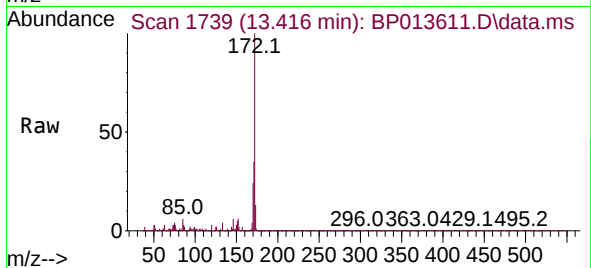
170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#46

1,1'-Biphenyl

Concen: 44.822 ng

RT: 13.628 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

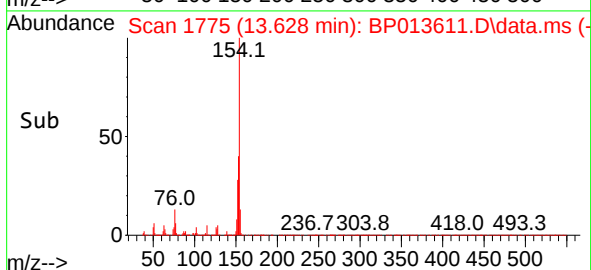
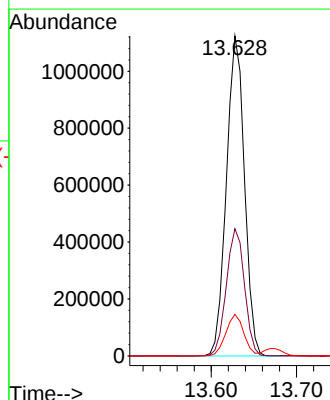
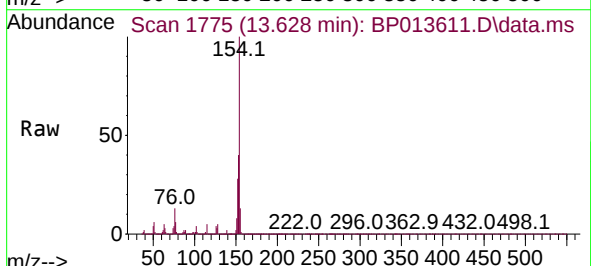
Tgt Ion:154 Resp: 1648780

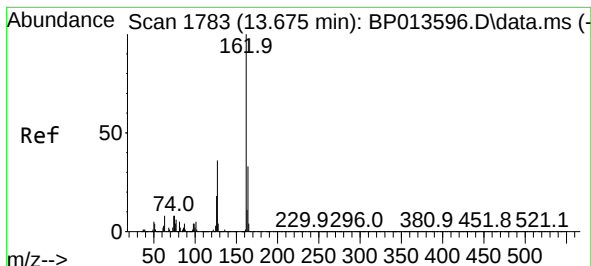
Ion Ratio Lower Upper

154 100

153 39.7 18.9 58.9

76 13.0 0.0 32.1





#47
2-Chloronaphthalene
Concen: 45.614 ng
RT: 13.675 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

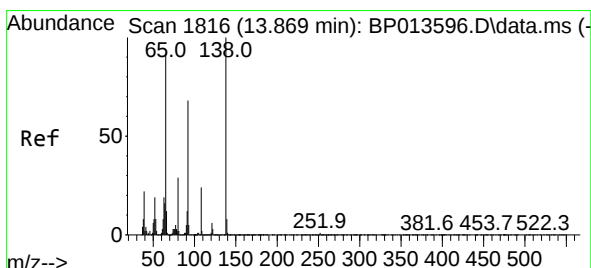
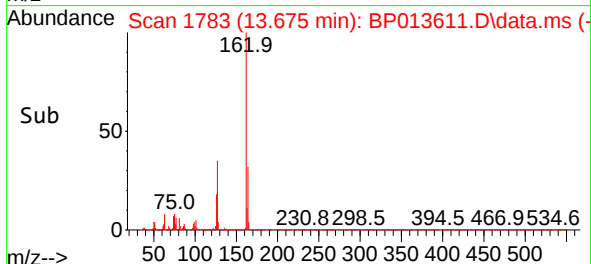
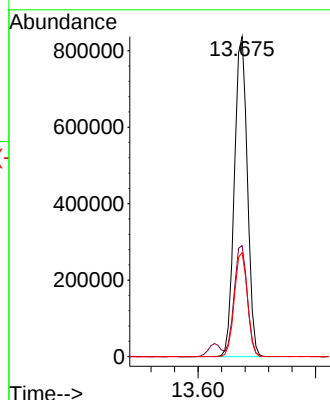
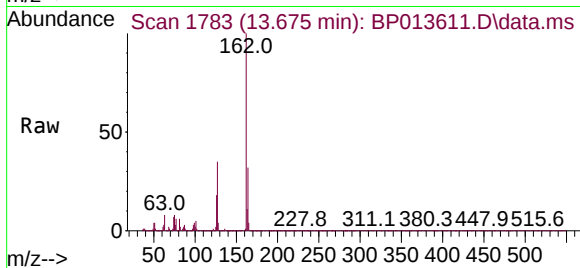
PB150456BS

Tgt Ion:162 Resp: 128049
Ion Ratio Lower Upper
162 100
127 34.7 29.0 43.6
164 32.5 26.3 39.5

Manual Integrations

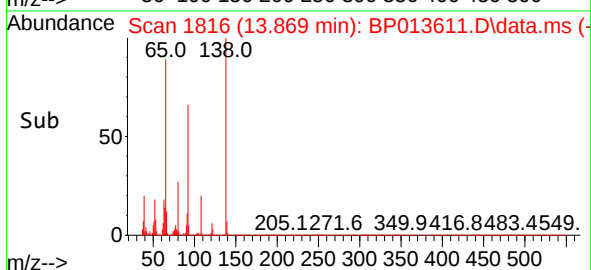
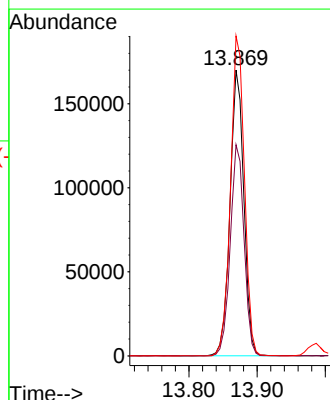
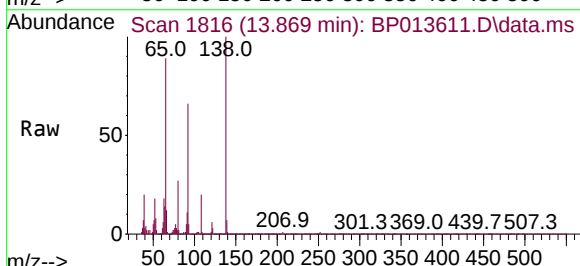
APPROVED

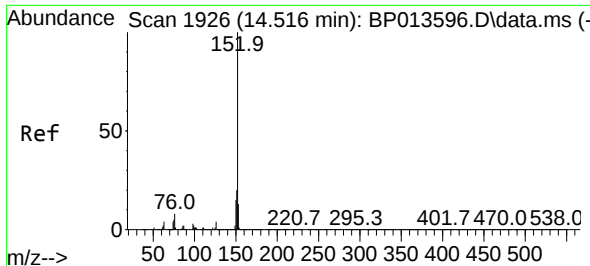
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#48
2-Nitroaniline
Concen: 36.381 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

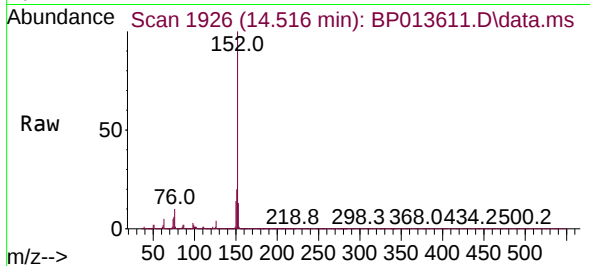
Tgt Ion: 65 Resp: 238057
Ion Ratio Lower Upper
65 100
92 73.8 59.5 89.3
138 111.9 87.1 130.7





#49
Acenaphthylene
Concen: 44.228 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

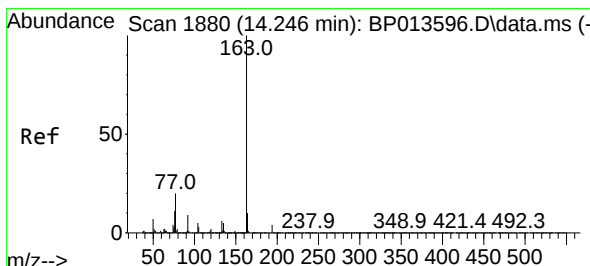
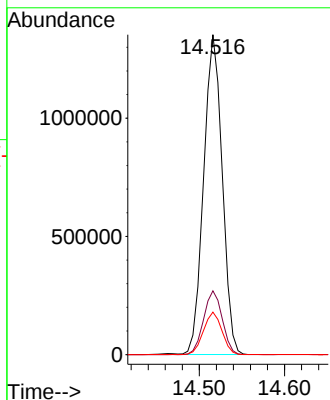
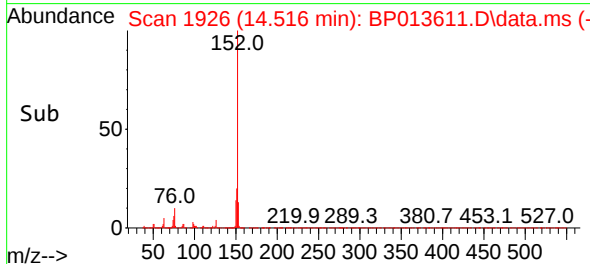
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion:152 Resp: 2047907
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 16.0

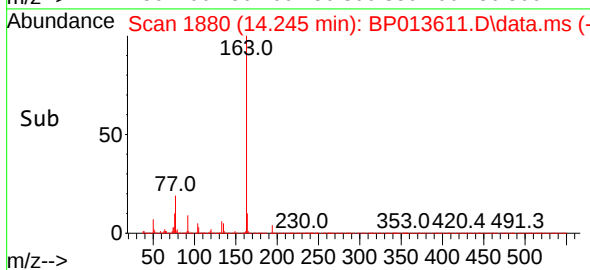
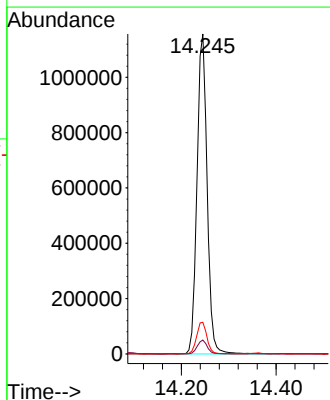
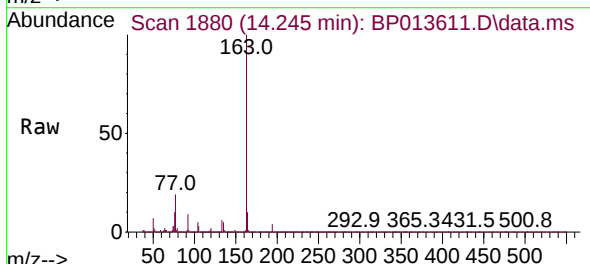
Manual Integrations
APPROVED

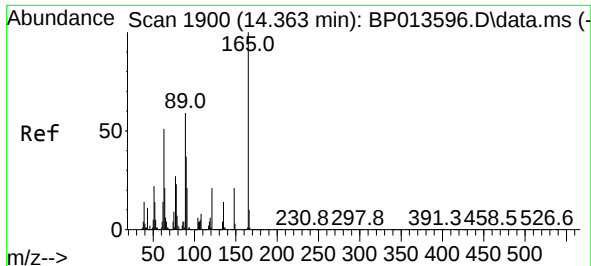
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#50
Dimethylphthalate
Concen: 44.744 ng
RT: 14.245 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

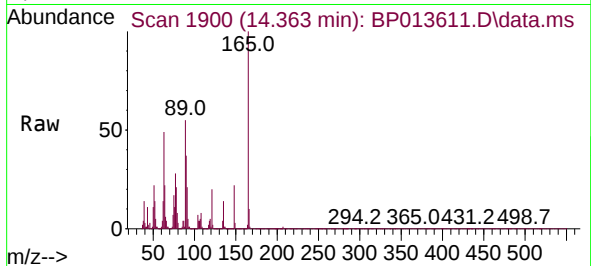
Tgt Ion:163 Resp: 1715615
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.366 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

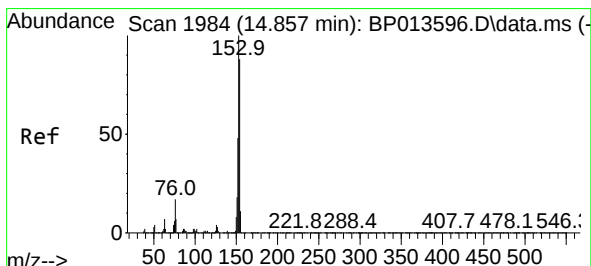
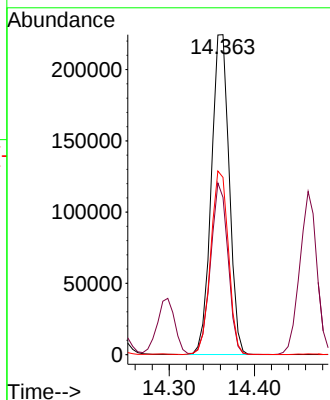
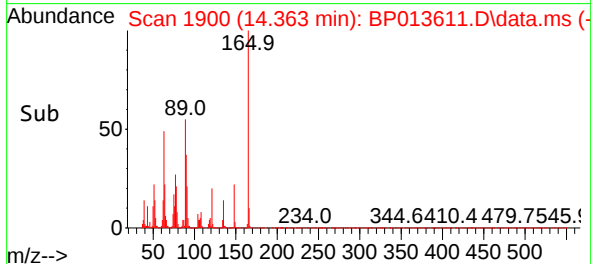
Instrument :
BNA_P
ClientSampleId :
PB150456BS



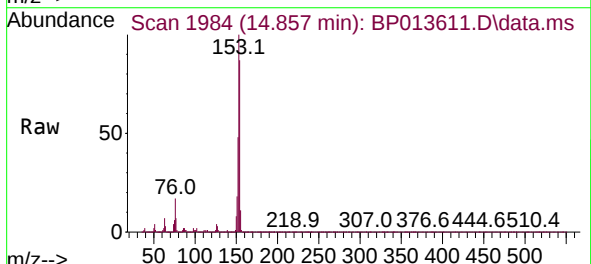
Tgt Ion:165 Resp: 326537
Ion Ratio Lower Upper
165 100
63 49.1 42.4 63.6
89 55.4 47.0 70.4

Manual Integrations
APPROVED

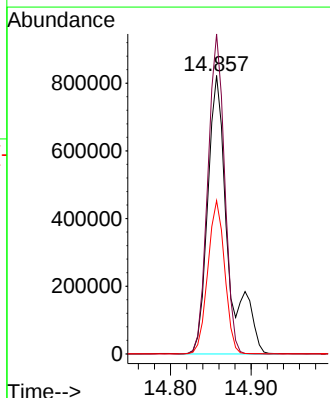
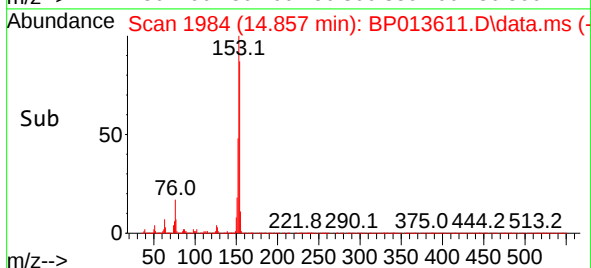
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

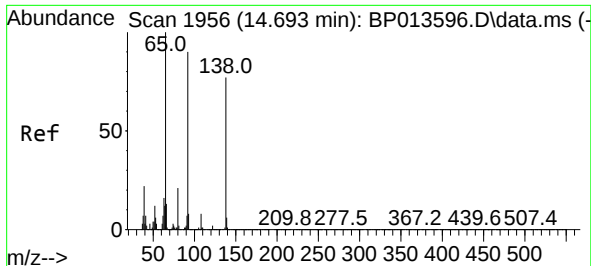


#52
Acenaphthene
Concen: 48.821 ng m
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



Tgt Ion:154 Resp: 1446806
Ion Ratio Lower Upper
154 100
153 115.0 91.0 136.6
152 55.1 44.0 66.0





#53
3-Nitroaniline
Concen: 32.620 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

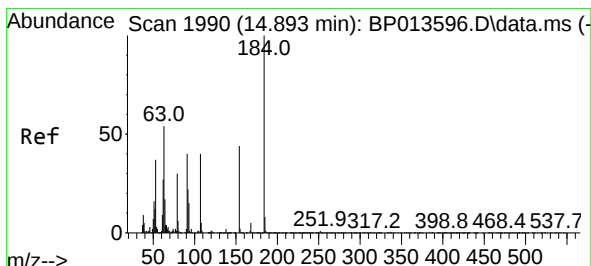
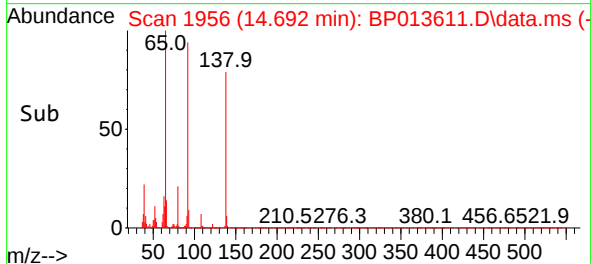
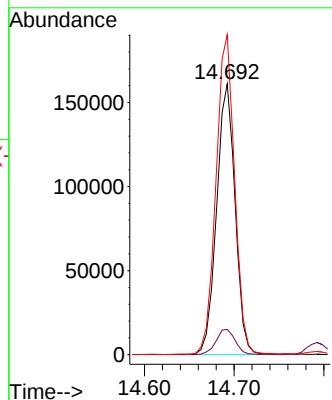
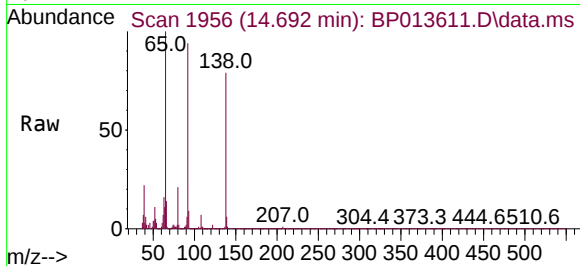
ClientSampleId :

PB150456BS

Tgt Ion:138 Resp: 23212
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 118.2 93.7 140.5

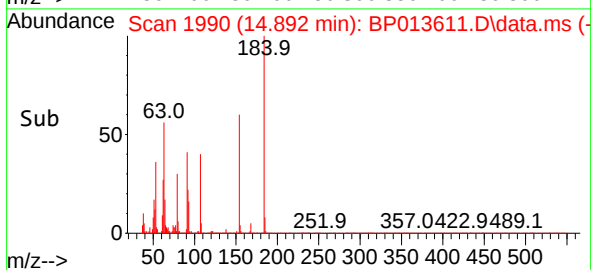
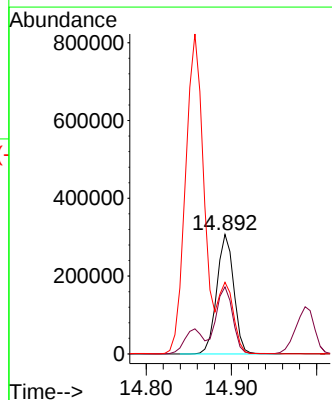
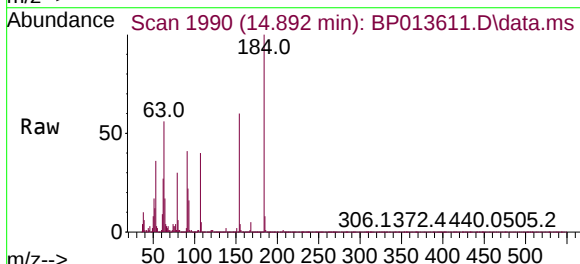
Manual Integrations
APPROVED

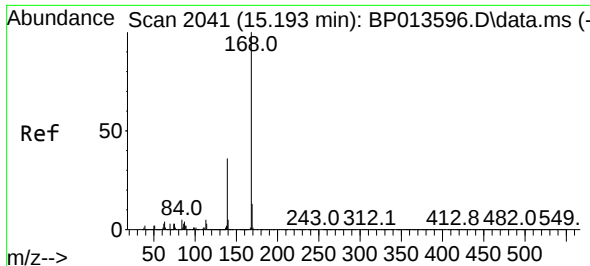
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#54
2,4-Dinitrophenol
Concen: 90.151 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

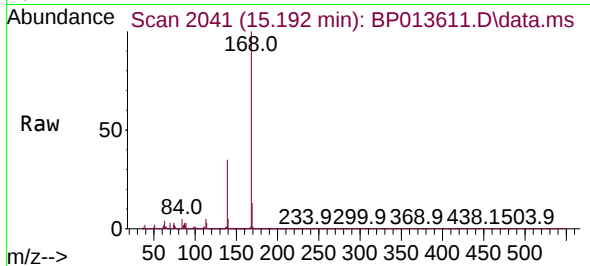
Tgt Ion:184 Resp: 424750
Ion Ratio Lower Upper
184 100
63 56.0 44.4 66.6
154 59.9 49.0 73.6





#55
Dibenzofuran
Concen: 43.846 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

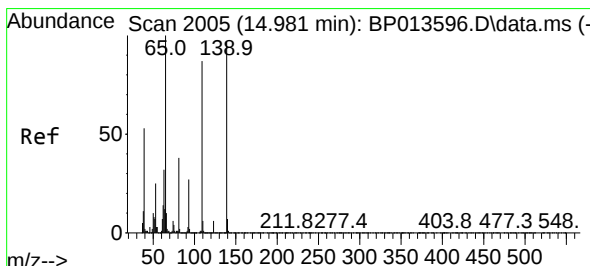
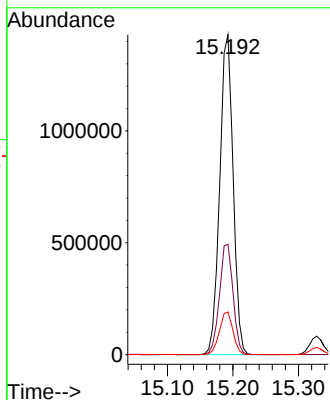
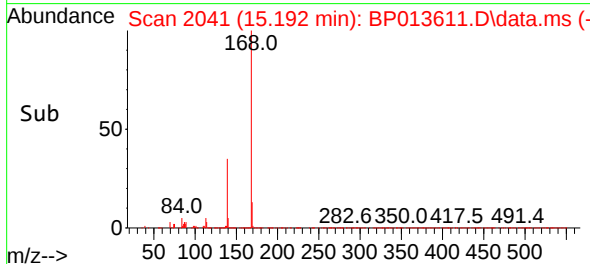
Instrument :
BNA_P
ClientSampleId :
PB150456BS



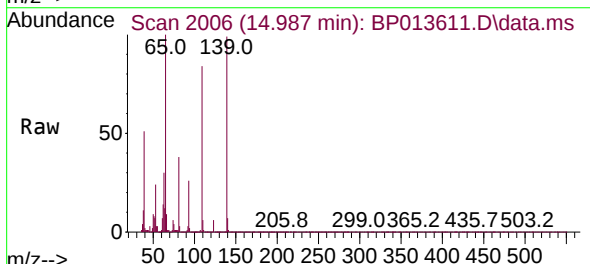
Tgt Ion:168 Resp: 2035065
Ion Ratio Lower Upper
168 100
139 34.5 29.0 43.4
169 13.3 10.6 15.8

Manual Integrations
APPROVED

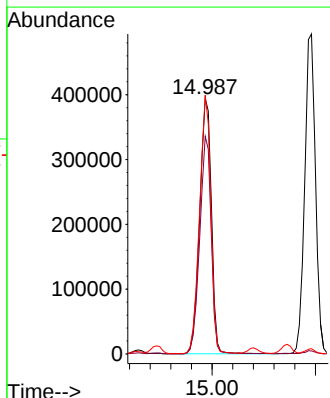
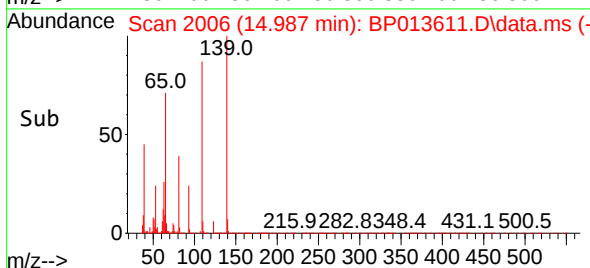
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

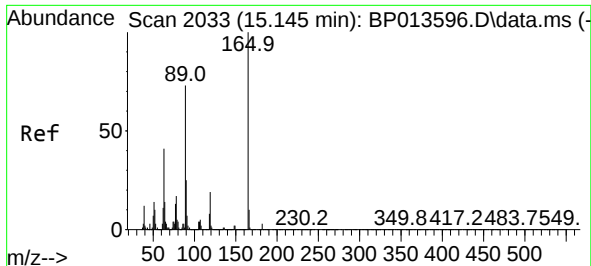


#56
4-Nitrophenol
Concen: 99.474 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11



Tgt Ion:139 Resp: 621729
Ion Ratio Lower Upper
139 100
109 85.2 69.5 109.5
65 101.3 83.1 123.1





#57
2,4-Dinitrotoluene
Concen: 44.143 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

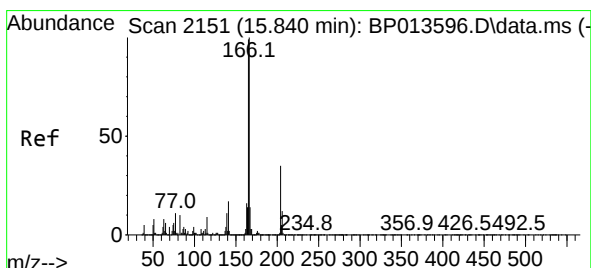
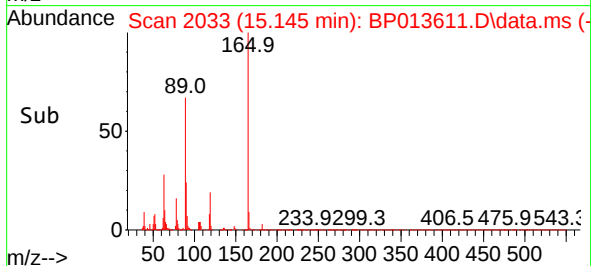
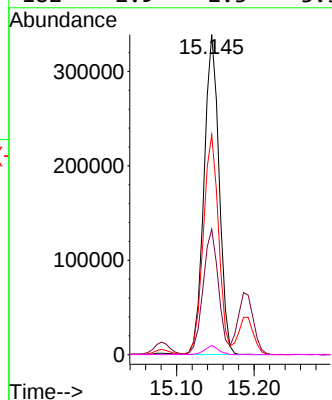
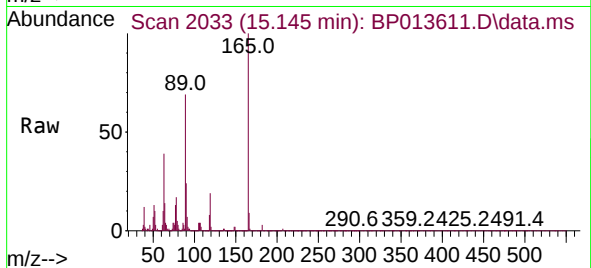
PB150456BS

Tgt Ion:165 Resp: 457022
Ion Ratio Lower Upper
165 100
63 39.2 32.6 49.0
89 68.7 58.4 87.6
182 2.9 2.3 3.5

Manual Integrations

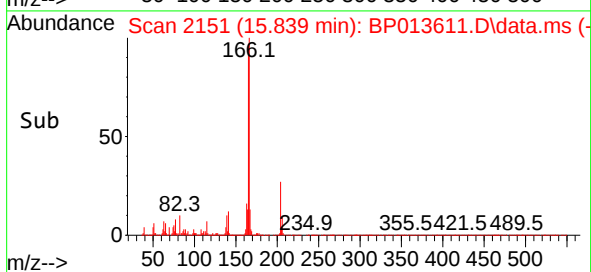
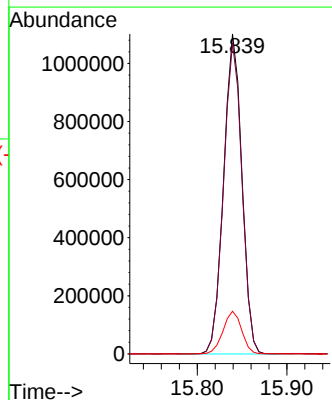
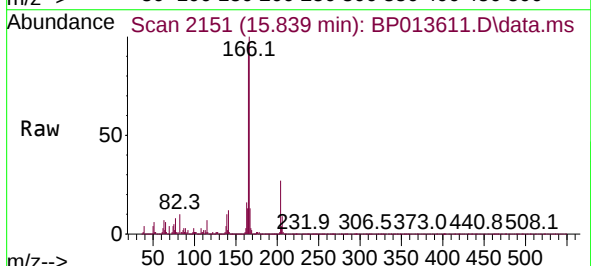
APPROVED

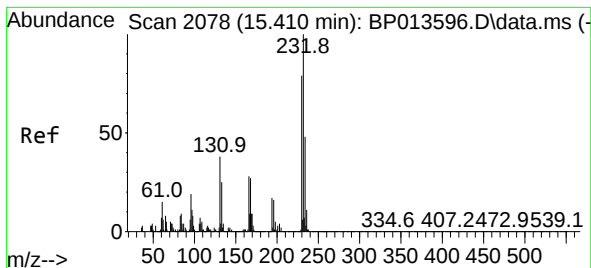
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#58
Fluorene
Concen: 44.080 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:166 Resp: 1564502
Ion Ratio Lower Upper
166 100
165 97.2 79.4 119.0
167 13.3 10.9 16.3





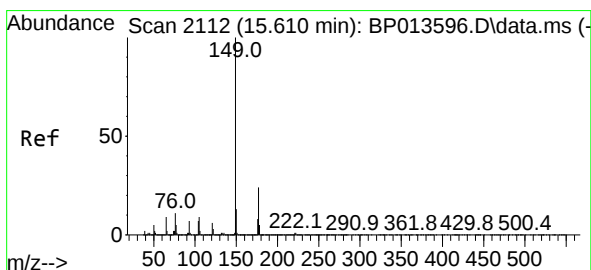
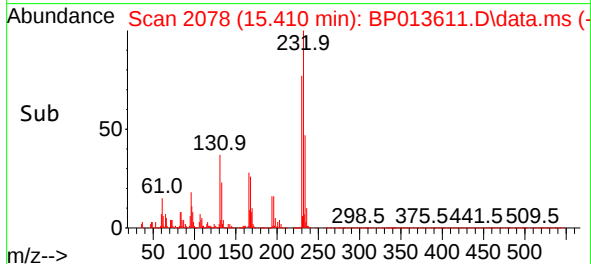
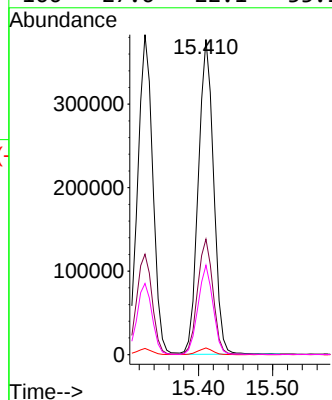
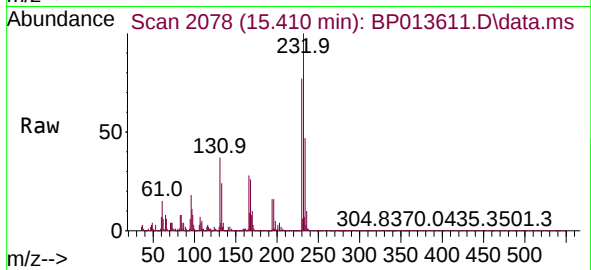
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.431 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.9	29.4	44.2
130	2.0	1.6	2.4
166	27.6	22.1	33.1

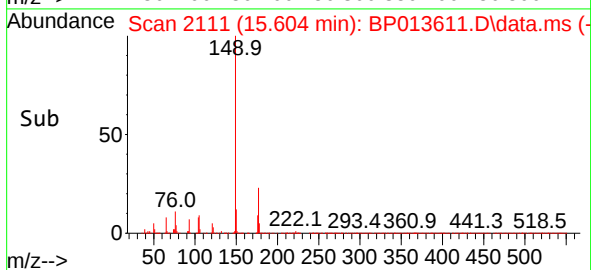
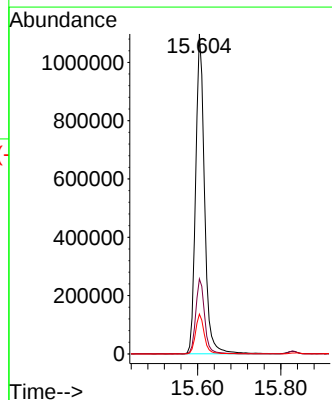
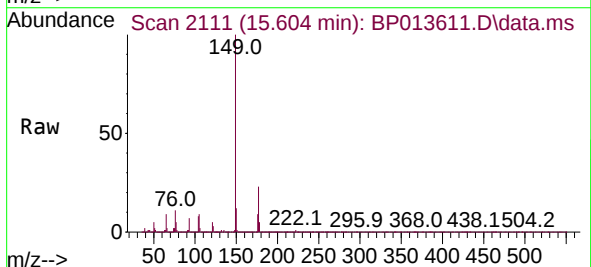
Manual Integrations
APPROVED

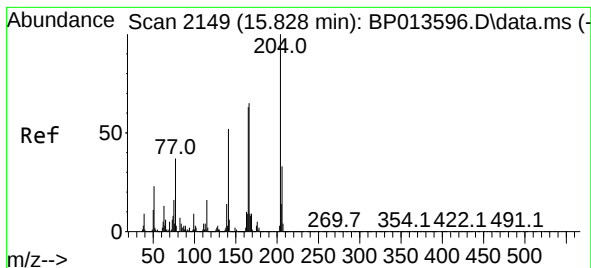
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#60
Diethylphthalate
Concen: 46.491 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

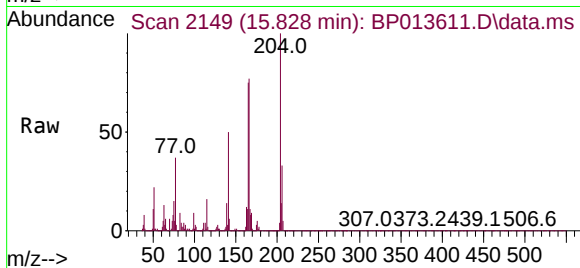
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.0	28.6
150	12.4	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.620 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

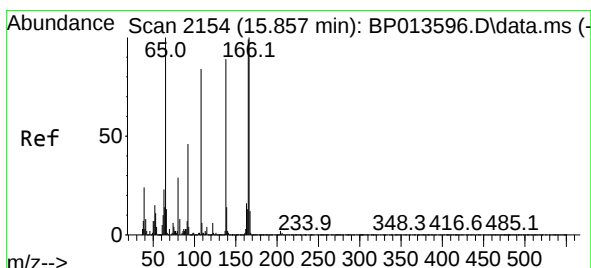
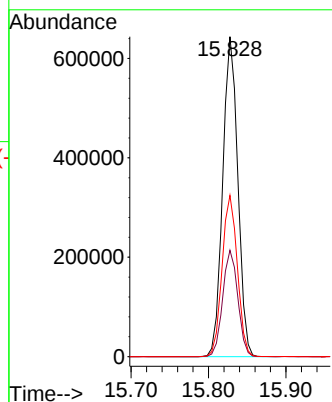
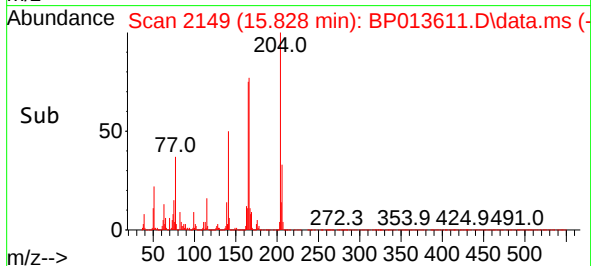
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion:204 Resp: 87424
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 50.4 41.7 62.5

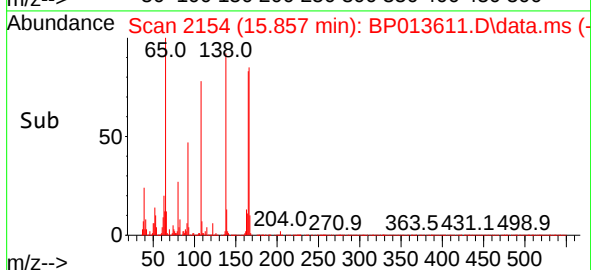
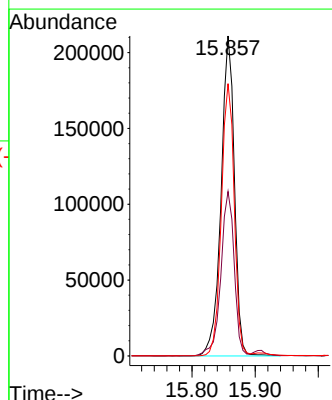
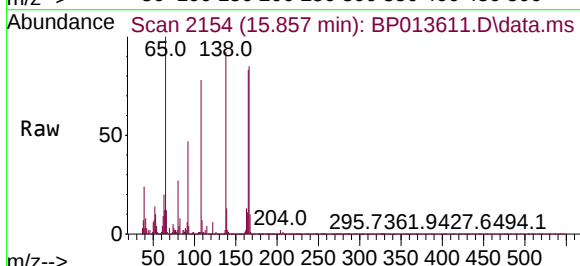
Manual Integrations
APPROVED

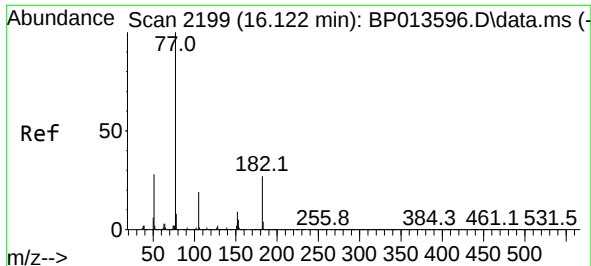
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#62
4-Nitroaniline
Concen: 45.233 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

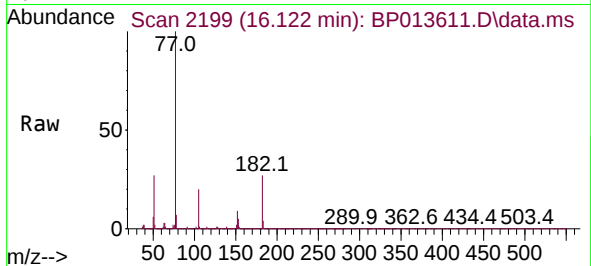
Tgt Ion:138 Resp: 309694
Ion Ratio Lower Upper
138 100
92 51.4 31.9 71.9
108 85.1 73.7 113.7





#63
Azobenzene
Concen: 43.701 ng
RT: 16.122 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

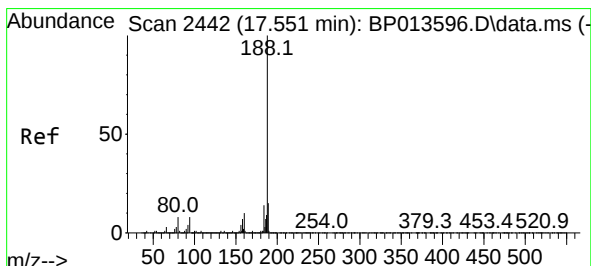
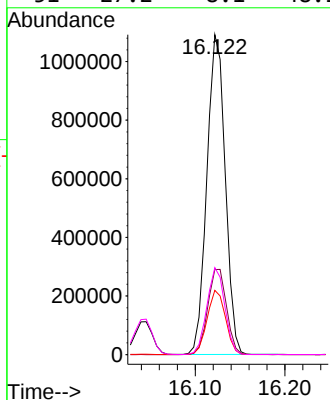
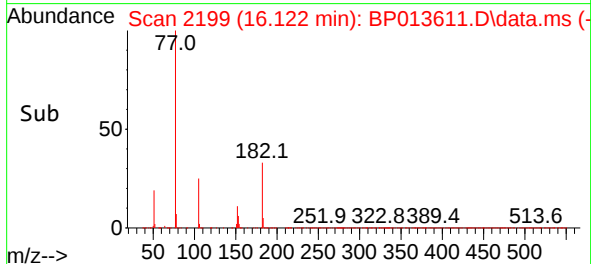
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion: 77 Resp: 1559172
Ion Ratio Lower Upper
77 100
182 26.6 7.0 47.0
105 20.1 0.0 39.2
51 27.2 8.1 48.1

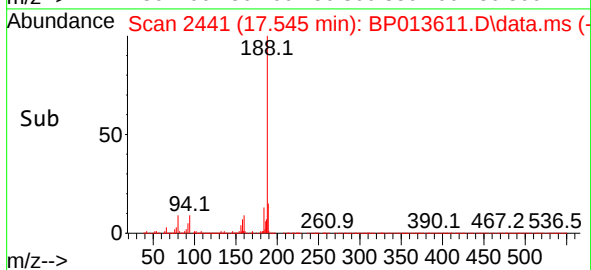
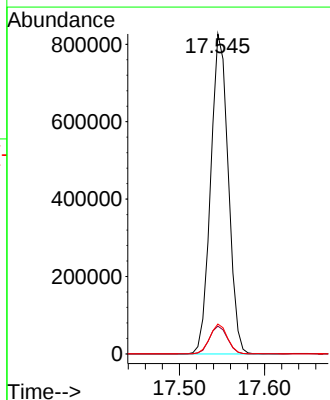
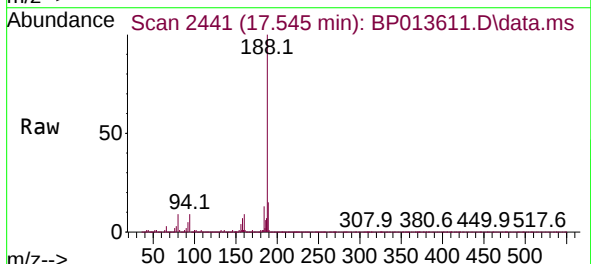
Manual Integrations
APPROVED

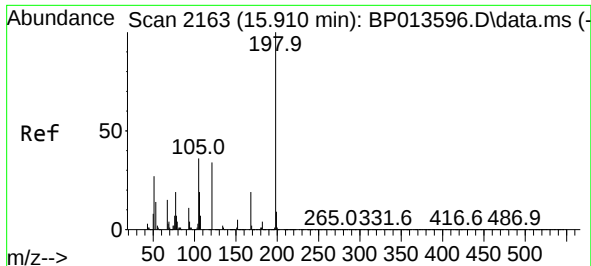
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:188 Resp: 1185472
Ion Ratio Lower Upper
188 100
94 8.7 6.1 9.1
80 9.3 6.6 10.0





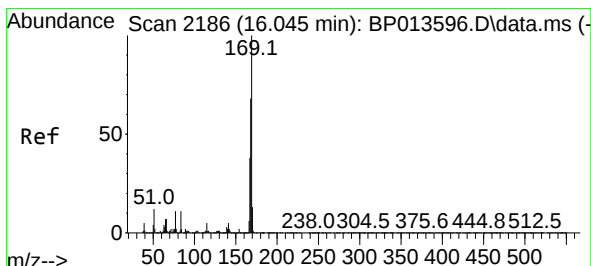
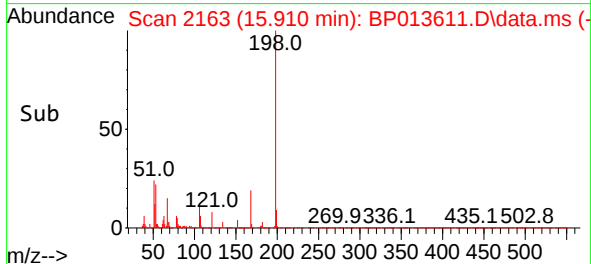
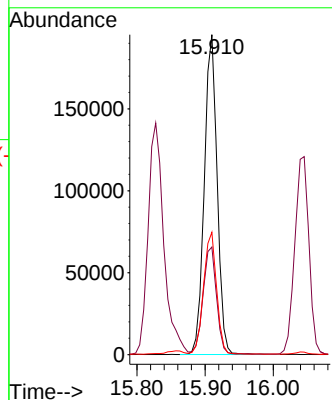
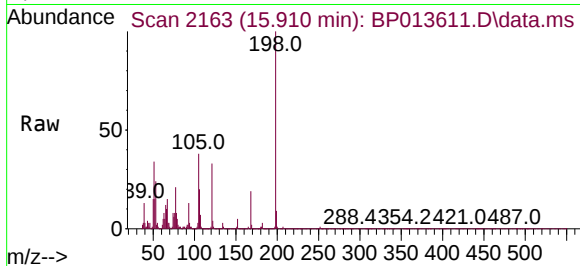
#65
4,6-Dinitro-2-methylphenol
Concen: 40.209 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion:198 Resp: 256303
Ion Ratio Lower Upper
198 100
51 33.7 15.0 55.0
105 38.2 17.7 57.7

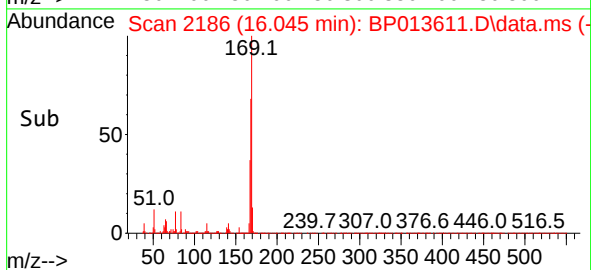
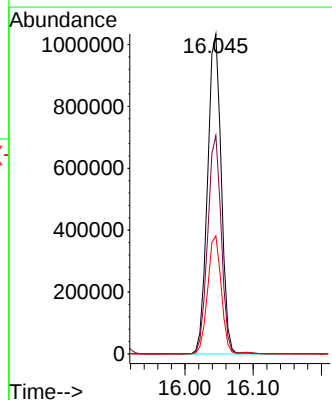
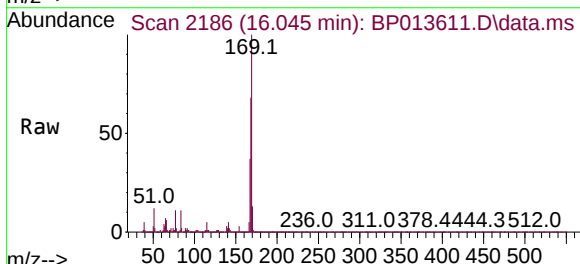
Manual Integrations
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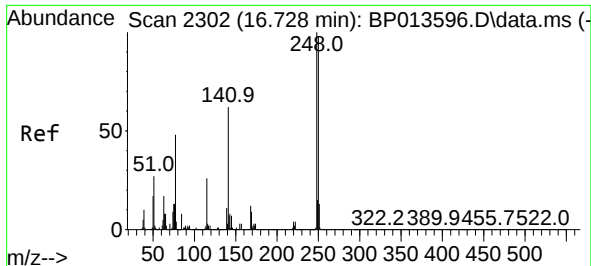
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#66
n-Nitrosodiphenylamine
Concen: 44.083 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

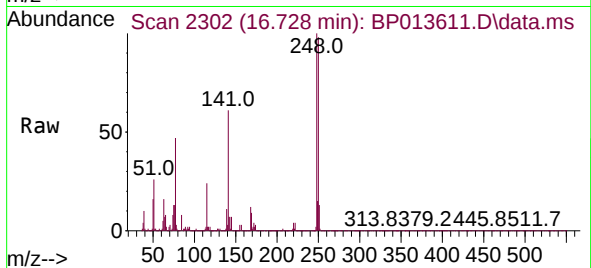
Tgt Ion:169 Resp: 1439832
Ion Ratio Lower Upper
169 100
168 68.2 54.5 81.7
167 36.9 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 43.494 ng
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

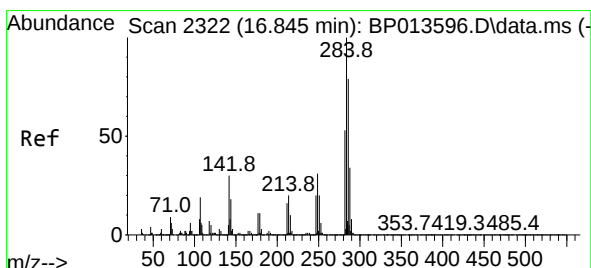
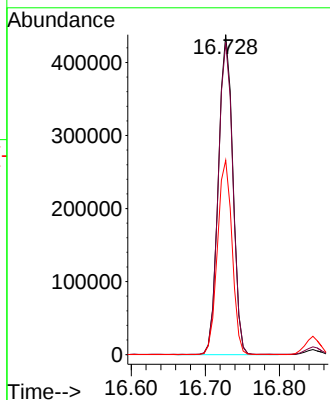
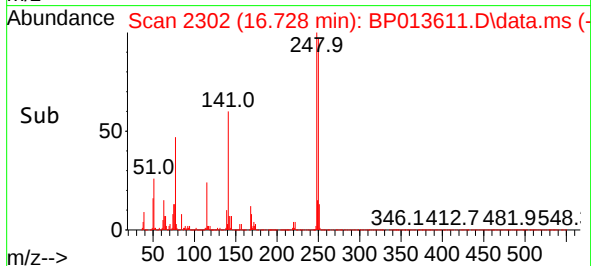
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion:248 Resp: 594306
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 60.8 49.8 74.8

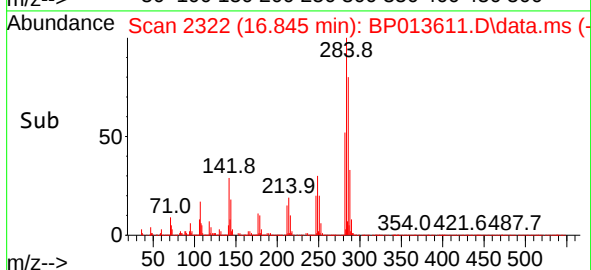
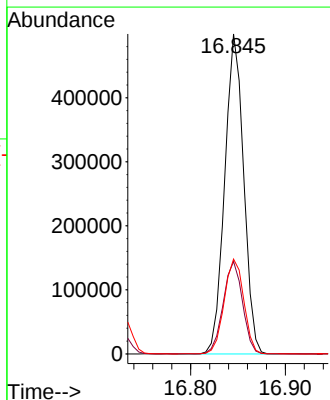
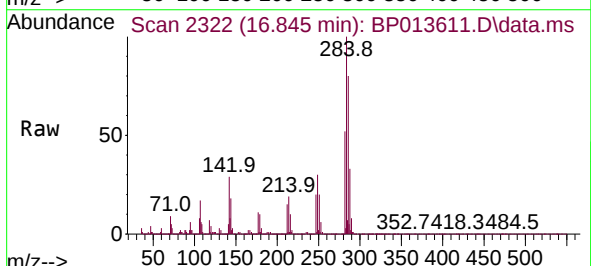
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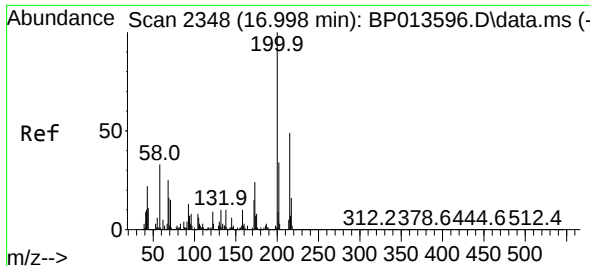
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#68
Hexachlorobenzene
Concen: 46.419 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

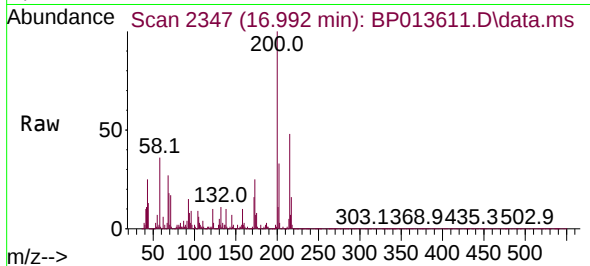
Tgt Ion:284 Resp: 693306
Ion Ratio Lower Upper
284 100
142 28.9 24.1 36.1
249 29.6 25.0 37.6





#69
Atrazine
Concen: 51.943 ng
RT: 16.992 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

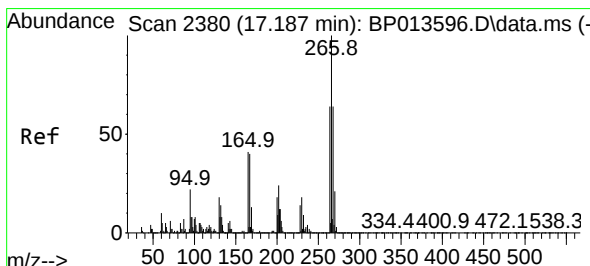
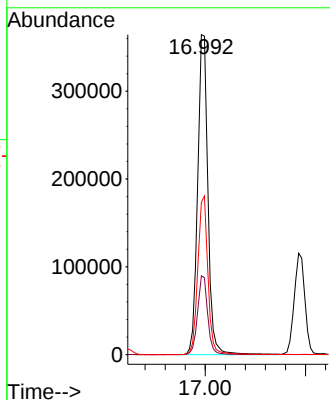
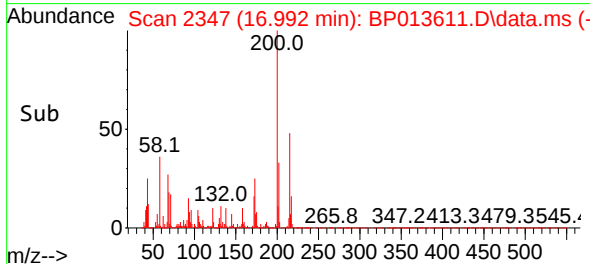
Instrument :
BNA_P
ClientSampleId :
PB150456BS



Tgt Ion:200 Resp: 518612
Ion Ratio Lower Upper
200 100
173 24.6 3.5 43.5
215 47.6 29.2 69.2

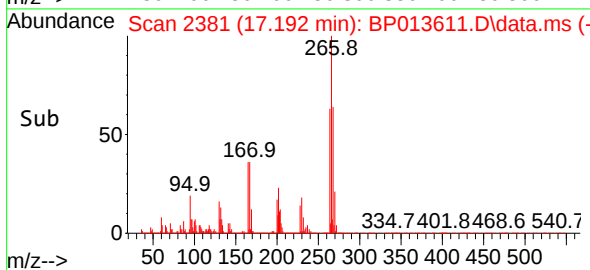
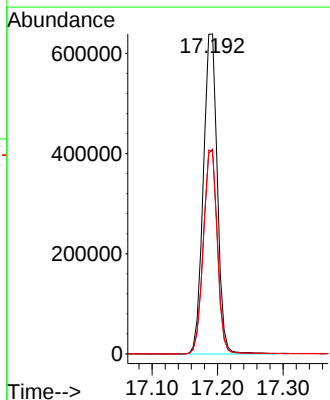
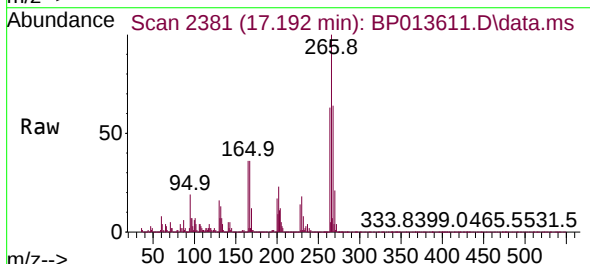
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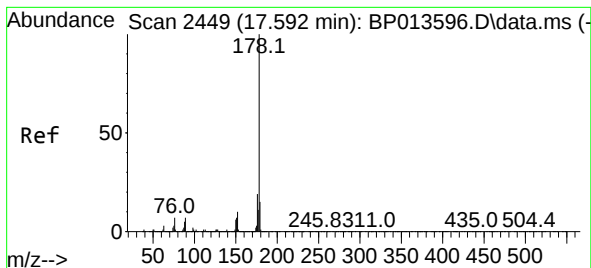
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#70
Pentachlorophenol
Concen: 81.386 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.005 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:266 Resp: 944673
Ion Ratio Lower Upper
266 100
268 64.0 51.4 77.0
264 63.1 51.0 76.6





#71

Phenanthrene

Concen: 45.318 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:178 Resp: 2755345

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

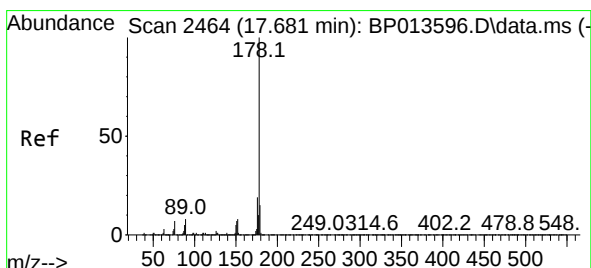
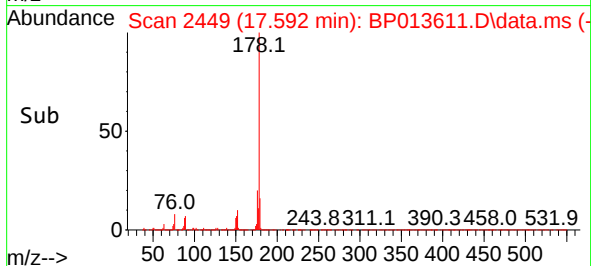
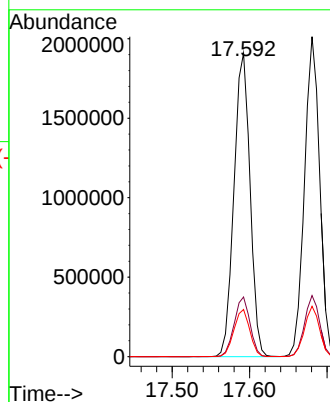
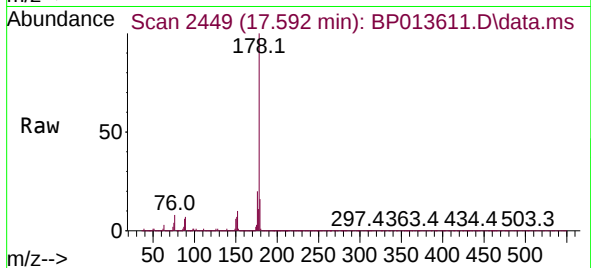
179 15.5 12.2 18.4

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#72

Anthracene

Concen: 44.710 ng

RT: 17.680 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

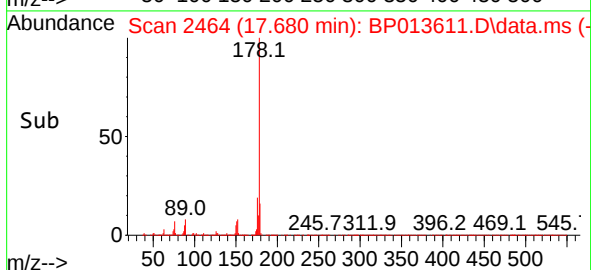
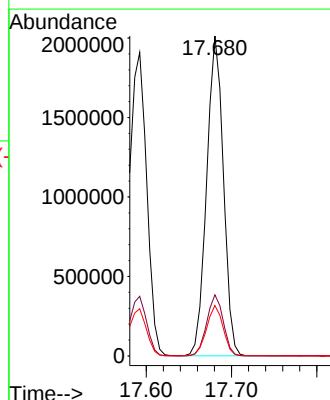
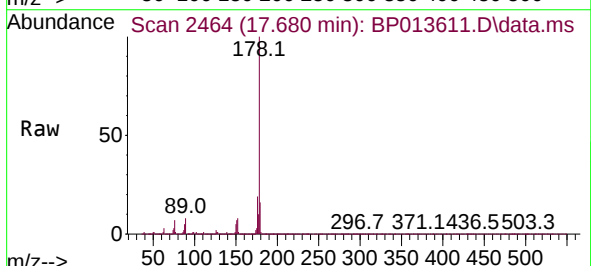
Tgt Ion:178 Resp: 2746766

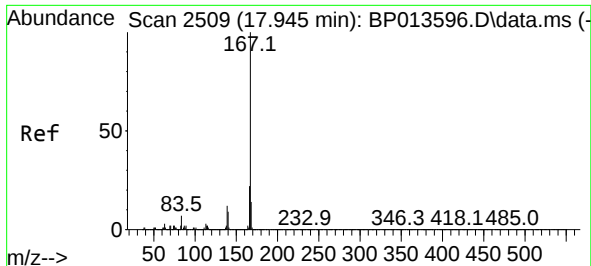
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.7 12.3 18.5





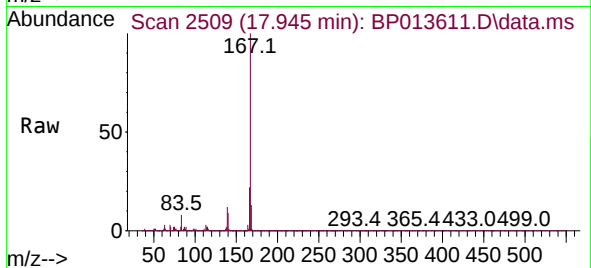
#73
 Carbazole
 Concen: 46.261 ng
 RT: 17.945 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BP013611.D
 Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

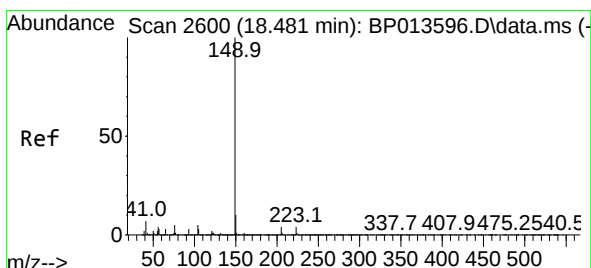
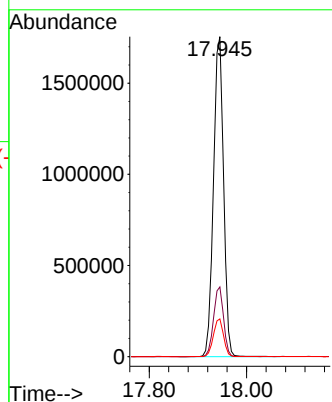
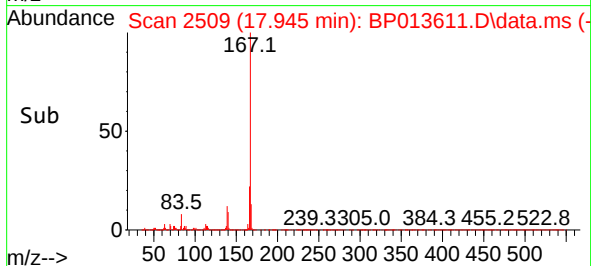


Tgt Ion:167 Resp: 2532533
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 11.8 9.8 14.6

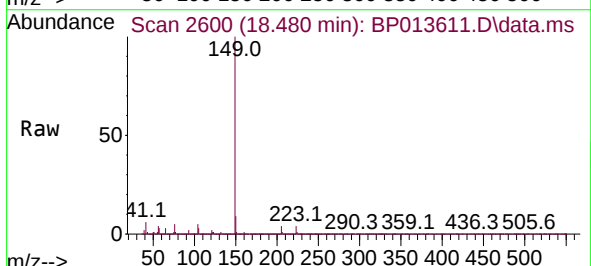
Manual Integrations

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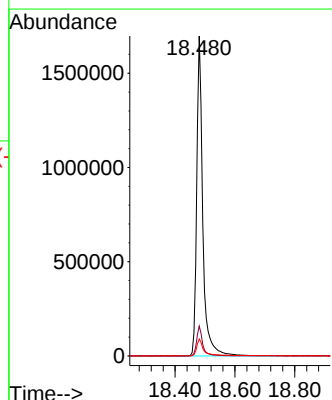
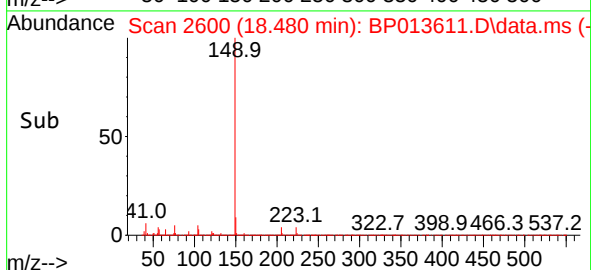
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023

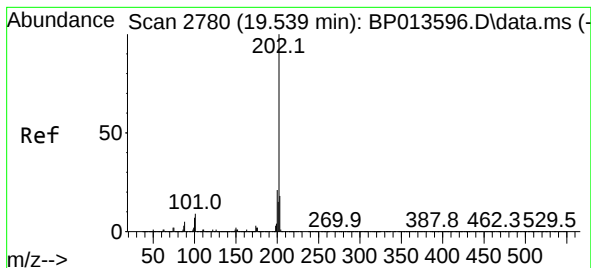


#74
 Di-n-butylphthalate
 Concen: 47.501 ng
 RT: 18.480 min Scan# 2600
 Delta R.T. -0.001 min
 Lab File: BP013611.D
 Acq: 27 Jan 2023 11:11



Tgt Ion:149 Resp: 2385558
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 45.859 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:202 Resp: 3477648

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.9

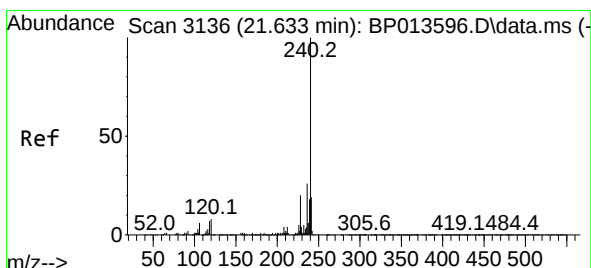
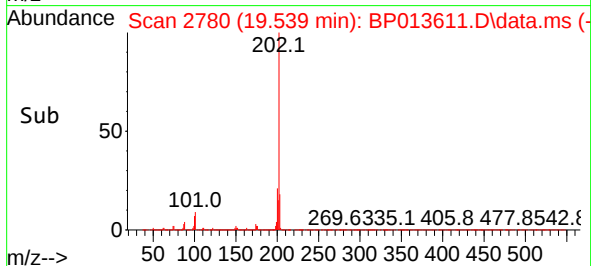
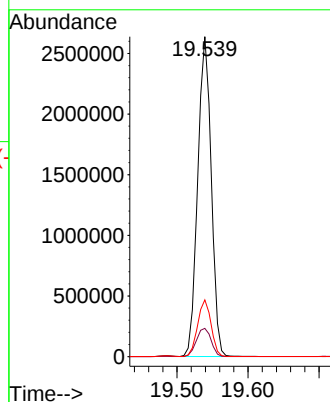
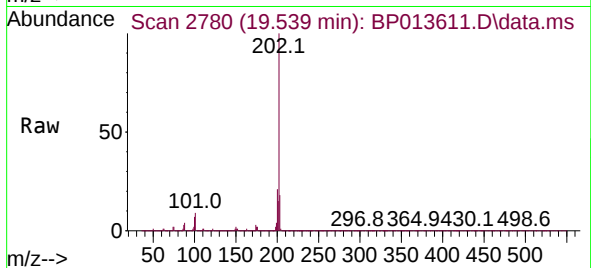
203 17.7 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

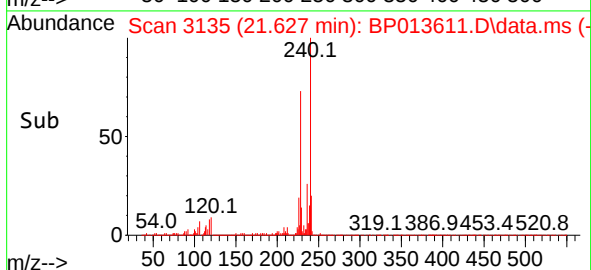
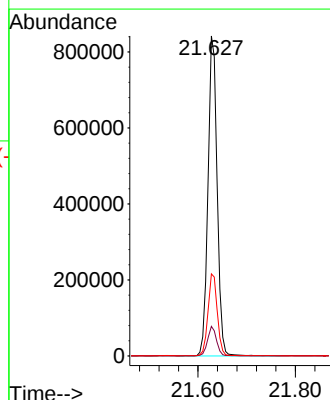
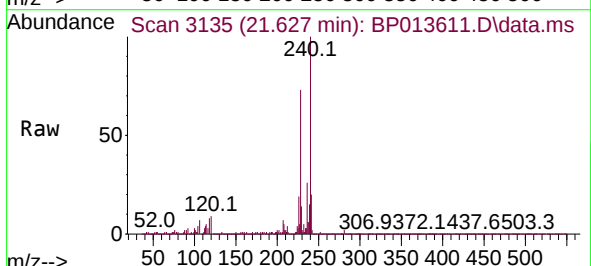
Tgt Ion:240 Resp: 1102386

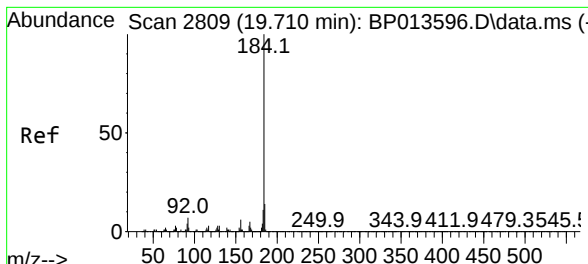
Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

236 25.6 20.7 31.1





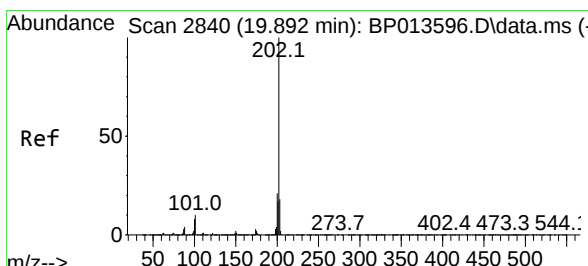
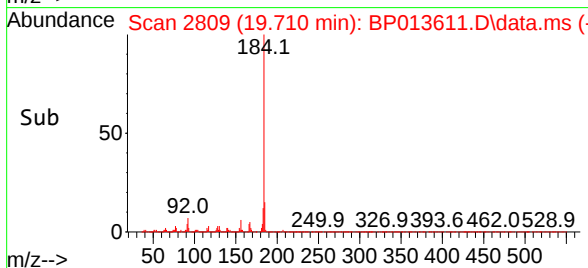
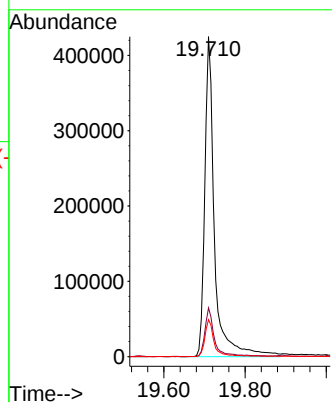
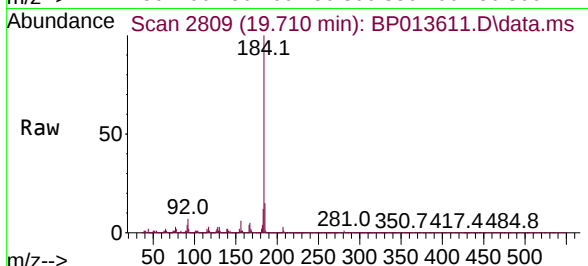
#77
Benzidine
Concen: 61.033 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion:184 Resp: 705405
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.5 9.0 13.6

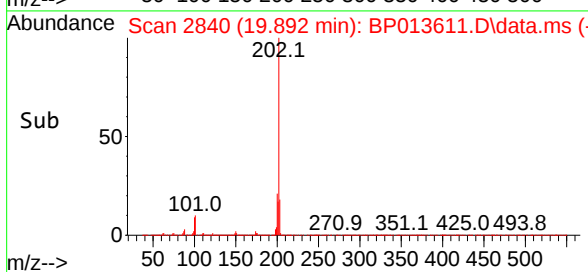
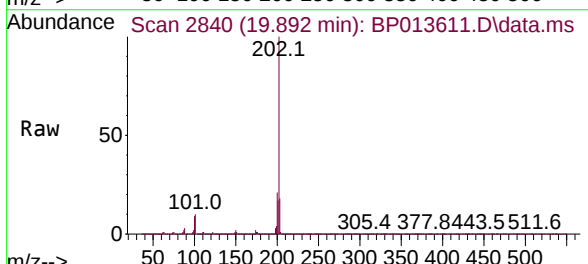
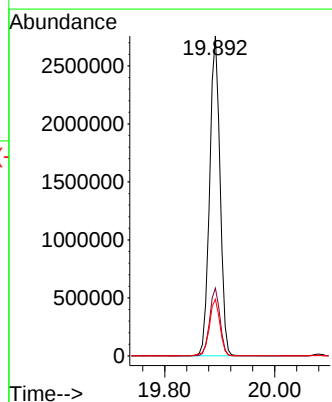
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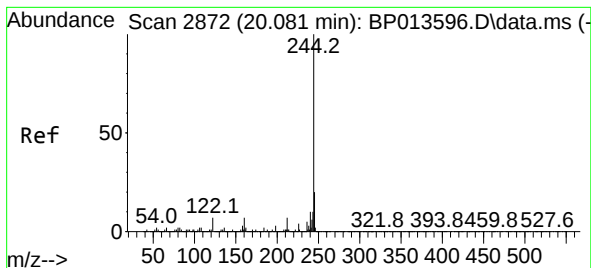
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#78
Pyrene
Concen: 42.388 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:202 Resp: 3616378
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 89.120 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:244 Resp: 5567403

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

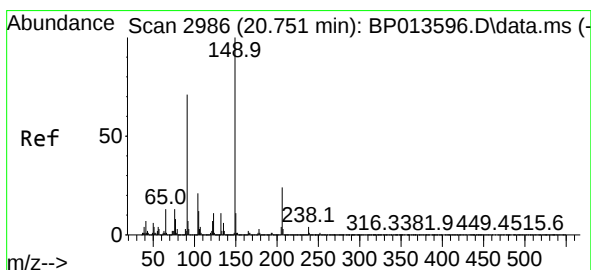
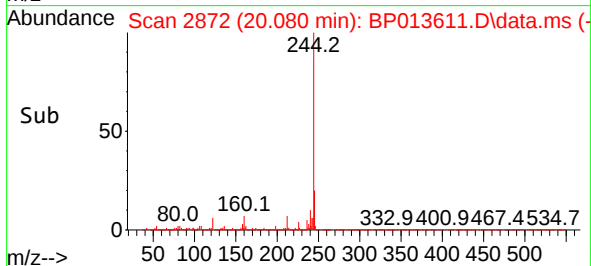
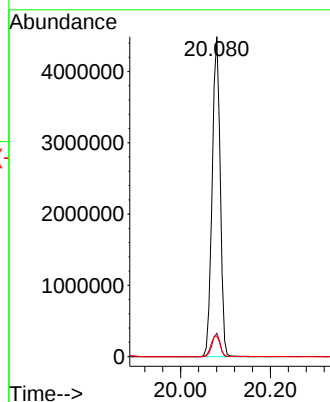
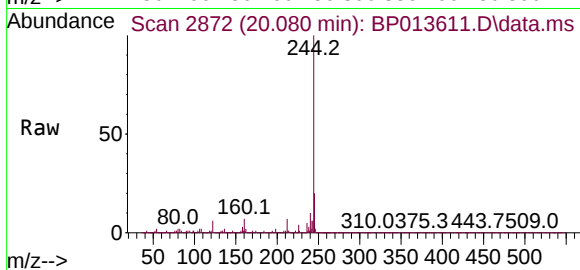
122 6.4 5.3 7.9

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#80

Butylbenzylphthalate

Concen: 42.517 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

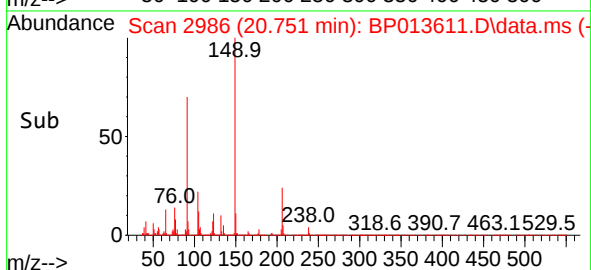
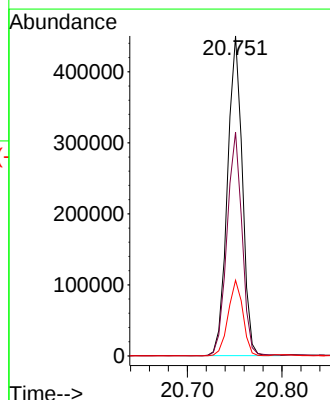
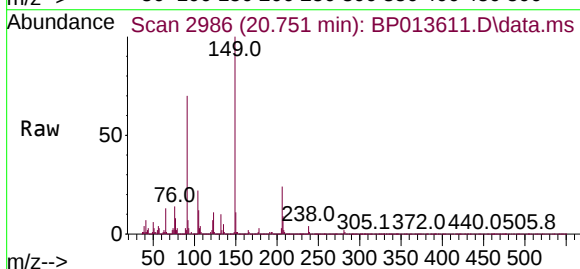
Tgt Ion:149 Resp: 490691

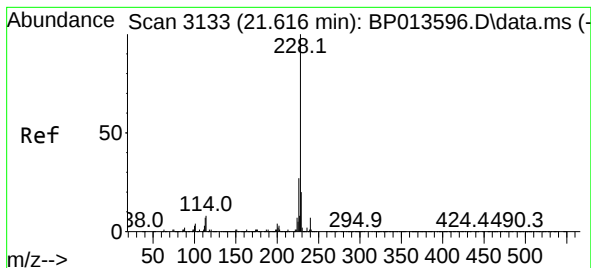
Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.6

206 23.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.688 ng

RT: 21.616 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:228 Resp: 3546675

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

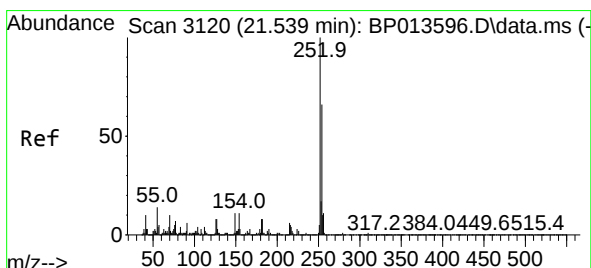
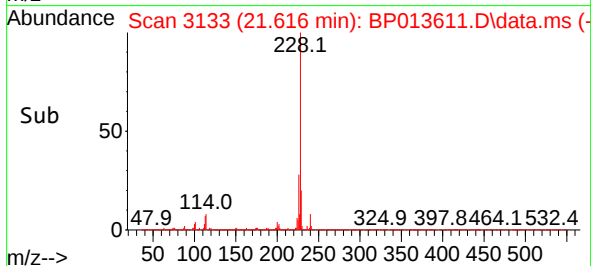
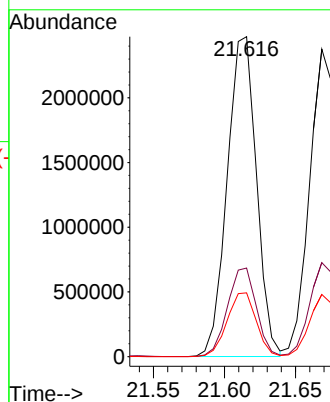
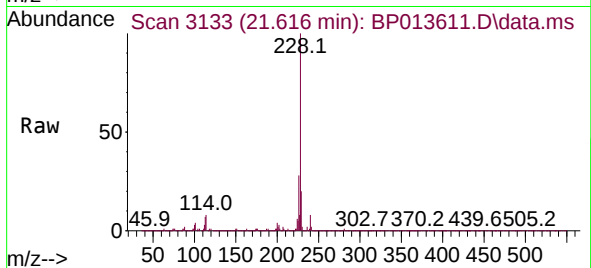
229 19.9 15.9 23.9

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Supervised By :Jagrut Upadhyay 01/30/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.562 ng

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

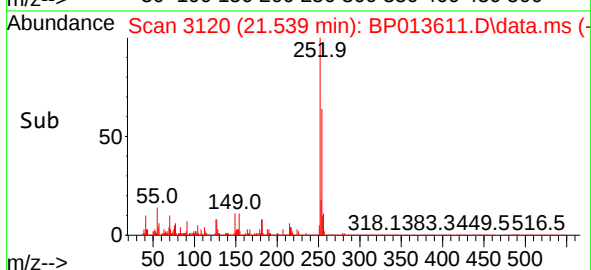
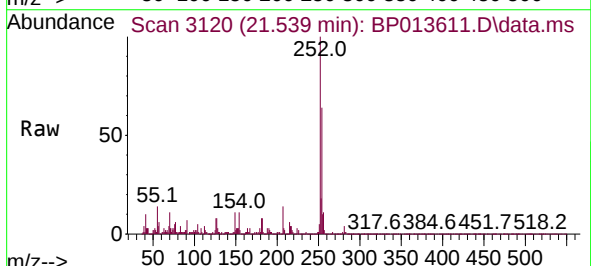
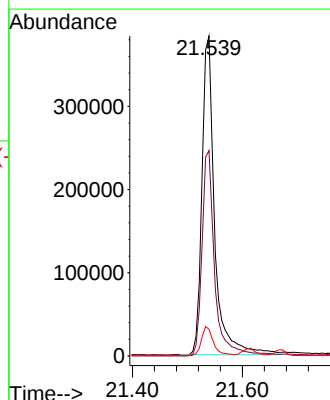
Tgt Ion:252 Resp: 614226

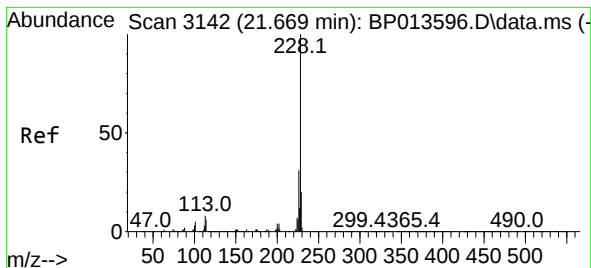
Ion Ratio Lower Upper

252 100

254 64.2 52.3 78.5

126 8.3 6.2 9.4





#83

Chrysene

Concen: 44.989 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:228 Resp: 3281518

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

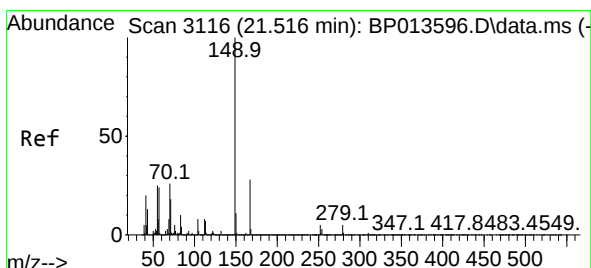
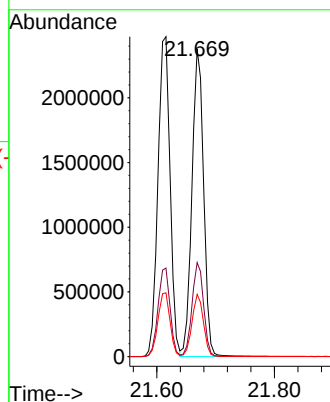
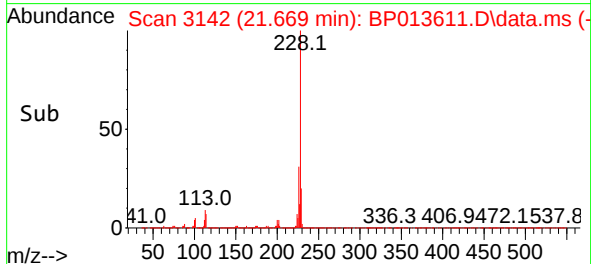
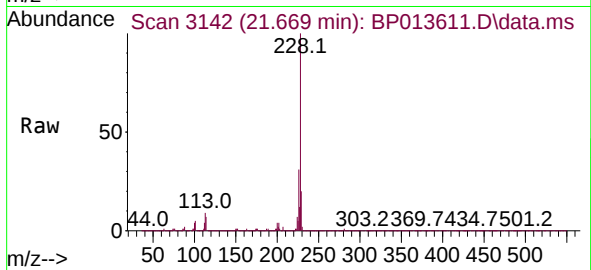
229 20.2 15.8 23.8

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Supervised By :Jagrut Upadhyay 01/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.367 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

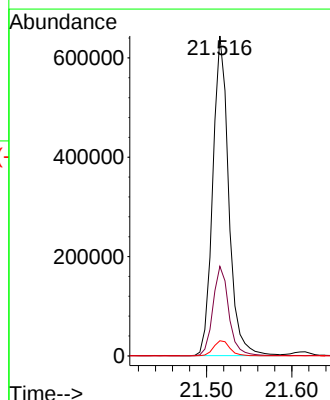
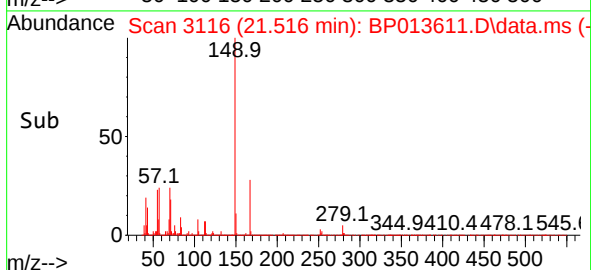
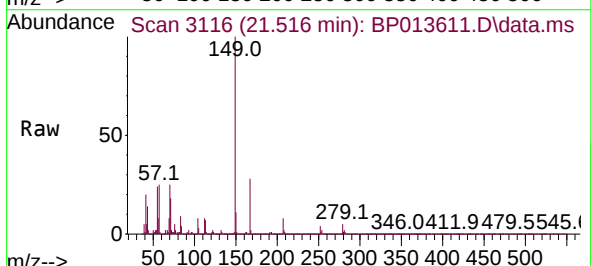
Tgt Ion:149 Resp: 837108

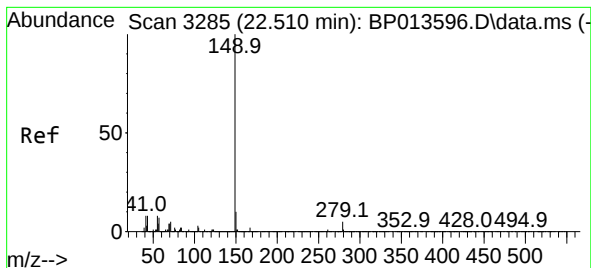
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.195 ng

RT: 22.510 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013611.D

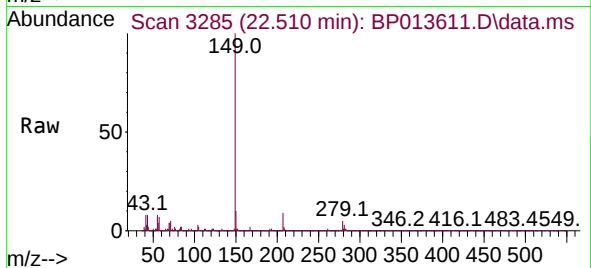
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS



Tgt Ion:149 Resp: 1550366

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

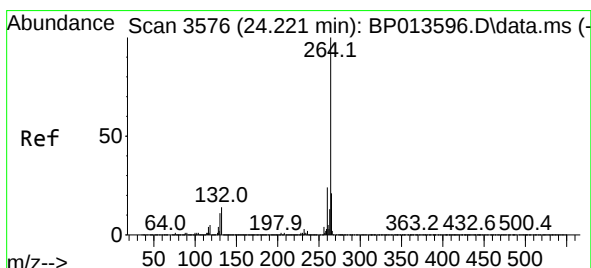
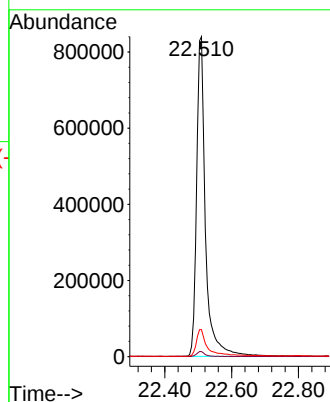
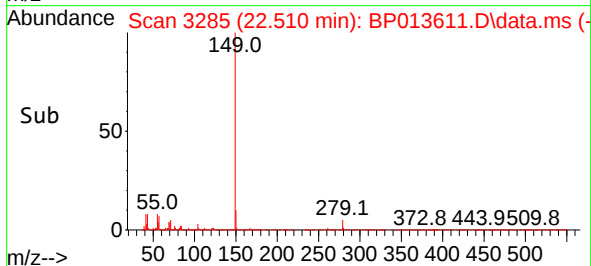
43 10.7 8.6 12.8

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

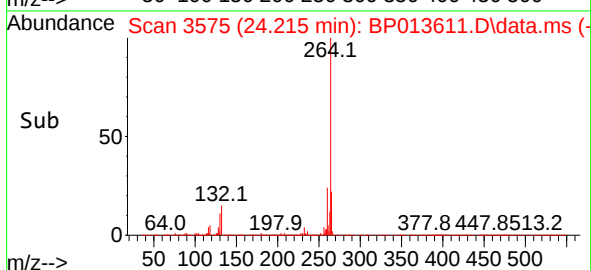
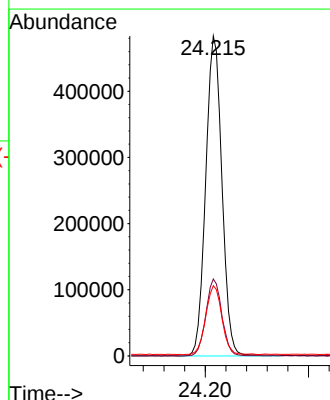
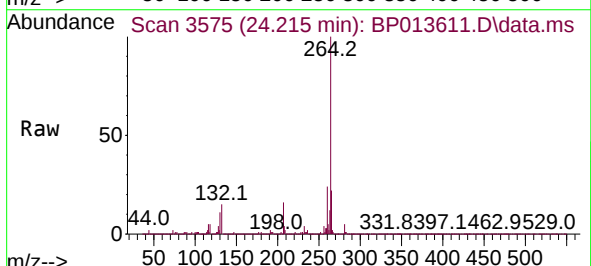
Tgt Ion:264 Resp: 1051944

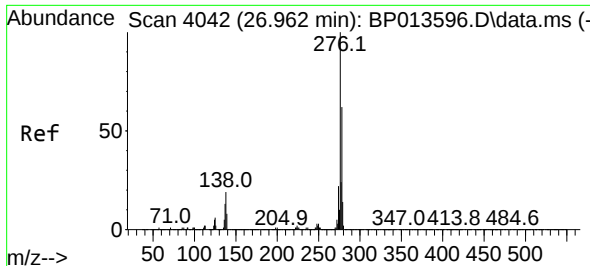
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.9 17.4 26.0





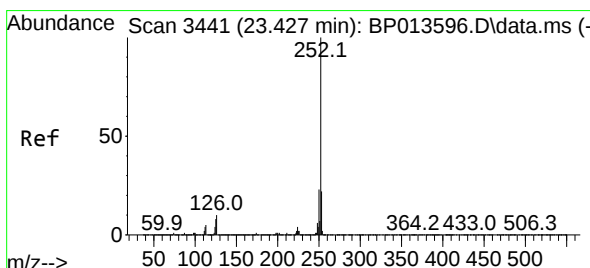
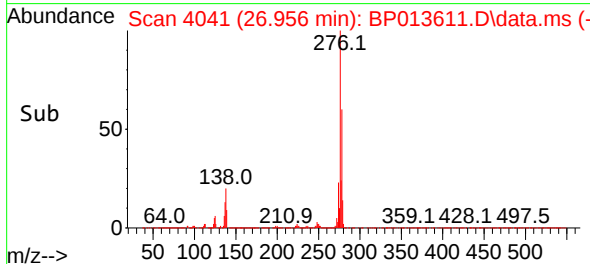
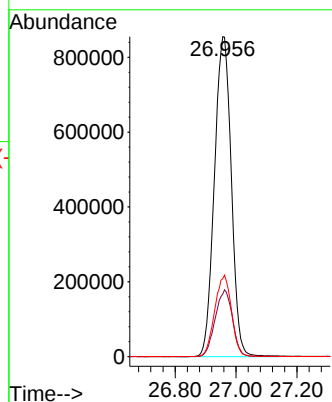
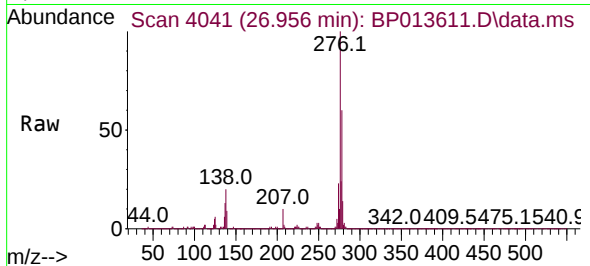
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.514 ng
RT: 26.956 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :
BNA_P
ClientSampleId :
PB150456BS

Tgt Ion:276 Resp: 3292050
Ion Ratio Lower Upper
276 100
138 21.4 16.4 24.6
277 25.3 20.2 30.2

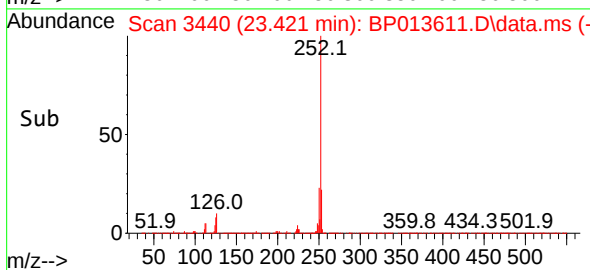
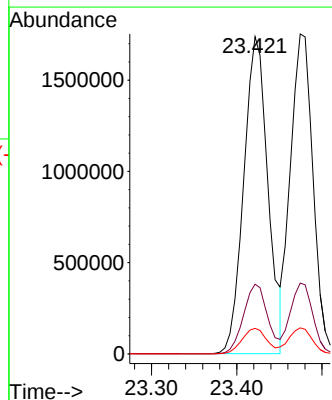
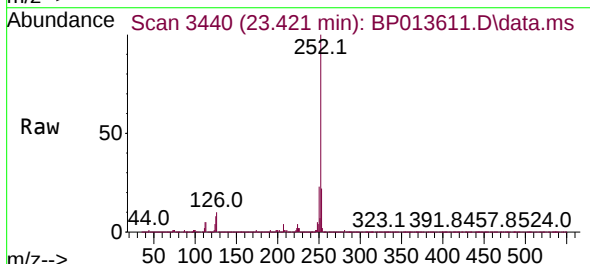
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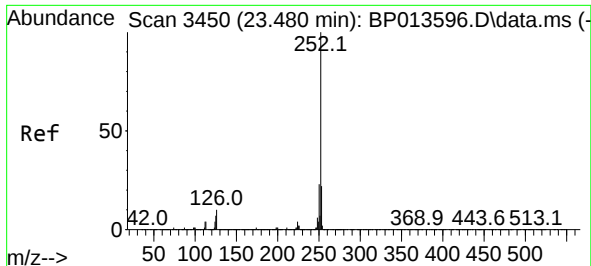
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#88
Benzo(b)fluoranthene
Concen: 50.731 ng
RT: 23.421 min Scan# 3440
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:252 Resp: 3426155
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.0 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 48.090 ng
RT: 23.474 min Scan# 3449
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

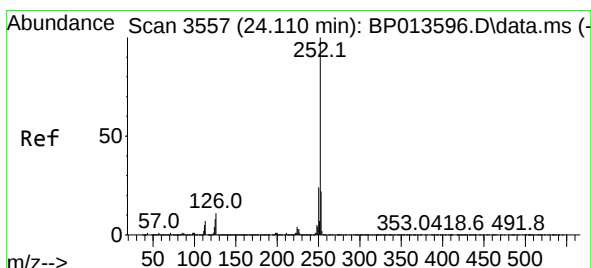
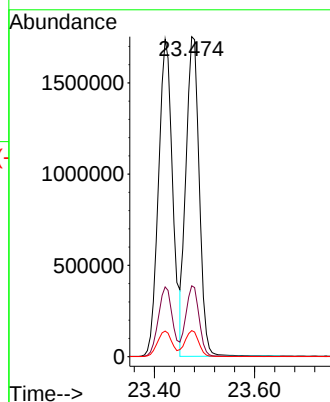
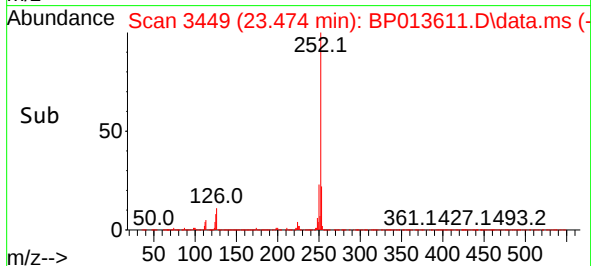
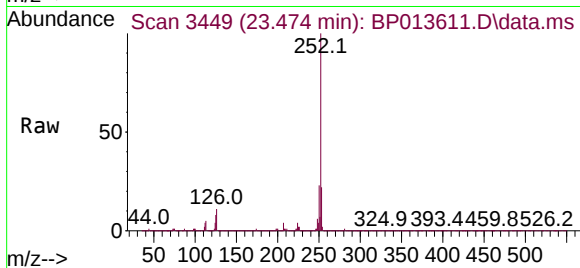
PB150456BS

Tgt Ion:252 Resp: 3224219
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.1 5.9 8.9

Manual Integrations

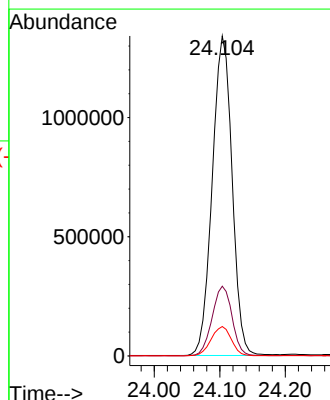
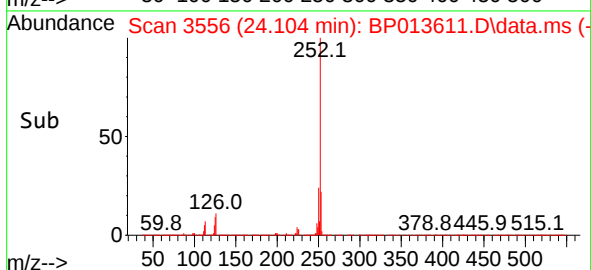
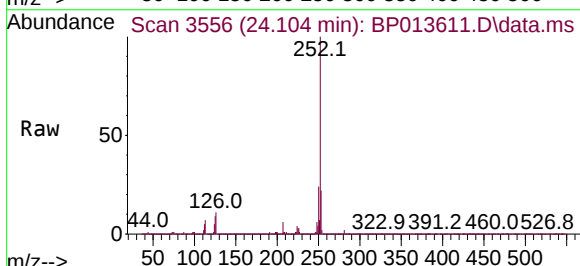
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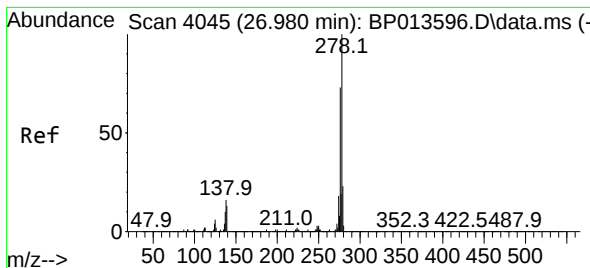
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#90
Benzo(a)pyrene
Concen: 44.433 ng
RT: 24.104 min Scan# 3556
Delta R.T. -0.006 min
Lab File: BP013611.D
Acq: 27 Jan 2023 11:11

Tgt Ion:252 Resp: 2824430
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.2 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 44.914 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Instrument :

BNA_P

ClientSampleId :

PB150456BS

Tgt Ion:278 Resp: 276394

Ion Ratio Lower Upper

278 100

139 13.2 10.6 15.8

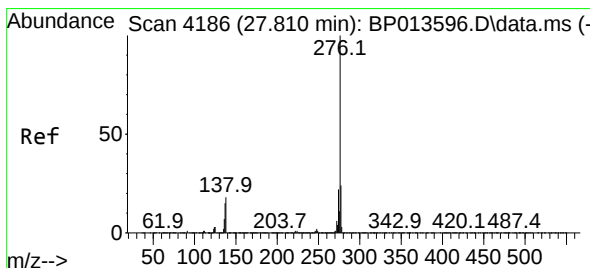
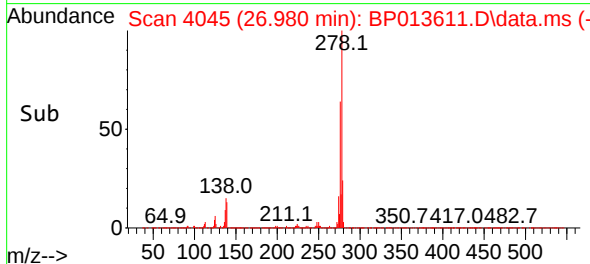
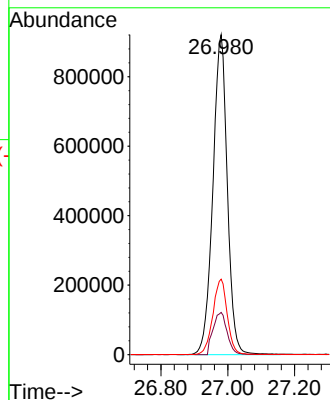
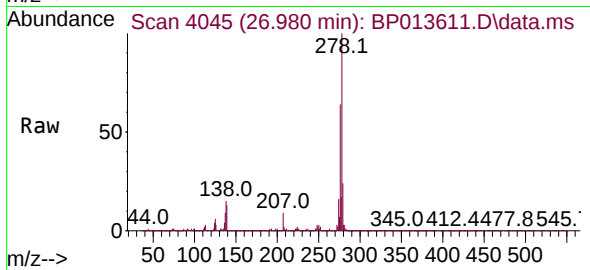
279 23.6 18.7 28.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/30/2023



#92

Benzo(g,h,i)perylene

Concen: 43.626 ng

RT: 27.803 min Scan# 4185

Delta R.T. -0.006 min

Lab File: BP013611.D

Acq: 27 Jan 2023 11:11

Tgt Ion:276 Resp: 2643336

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 19.1 14.3 21.5

