

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
 Data File : BP013603.D
 Acq On : 26 Jan 2023 20:02
 Operator : CG/JU
 Sample : PB150420BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB150420BS

Manual Integrations

APPROVED

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

Quant Time: Jan 27 04:16:07 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	254721	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1034270	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	695412	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1550275	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1266932	20.000	ng	0.00
86) Perylene-d12	24.221	264	1011373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1990886	140.059	ng	0.00
7) Phenol-d6	7.305	99	2538241	132.184	ng	0.00
23) Nitrobenzene-d5	9.334	82	1492833	79.310	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1245955	117.681	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3565504	73.227	ng	0.00
79) Terphenyl-d14	20.080	244	5860127	81.622	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	200772	32.035	ng	100
3) Pyridine	3.940	79	515469	28.935	ng	99
4) n-Nitrosodimethylamine	3.846	42	281991	40.502	ng	99
6) Aniline	7.475	93	873335	34.317	ng	99
8) 2-Chlorophenol	7.716	128	724254	47.998	ng	100
9) Benzaldehyde	7.281	77	116776m	8.013	ng	
10) Phenol	7.334	94	924384	45.956	ng	99
11) bis(2-Chloroethyl)ether	7.569	93	713860	42.856	ng	99
12) 1,3-Dichlorobenzene	8.046	146	763006	43.805	ng	99
13) 1,4-Dichlorobenzene	8.193	146	775093	43.883	ng	99
14) 1,2-Dichlorobenzene	8.516	146	750266	45.117	ng	99
15) Benzyl Alcohol	8.393	79	641355	43.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	812590	43.290	ng	99
17) 2-Methylphenol	8.593	107	622116	42.861	ng	99
18) Hexachloroethane	9.252	117	275032	43.465	ng	97
19) n-Nitroso-di-n-propyla...	8.975	70	509095	40.796	ng	98
20) 3+4-Methylphenols	8.928	107	836071	42.033	ng	98
22) Acetophenone	8.987	105	1024255	39.234	ng	99
24) Nitrobenzene	9.375	77	777331	39.459	ng	99
25) Isophorone	9.904	82	1545880	37.493	ng	99
26) 2-Nitrophenol	10.087	139	347635	41.080	ng	96
27) 2,4-Dimethylphenol	10.140	122	639446	40.820	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	931073	39.690	ng	99
29) 2,4-Dichlorophenol	10.628	162	747408	42.398	ng	98
30) 1,2,4-Trichlorobenzene	10.846	180	782871	40.055	ng	97
31) Naphthalene	11.040	128	2026826	38.565	ng	100
32) Benzoic acid	10.293	122	445893	39.046	ng	99
33) 4-Chloroaniline	11.140	127	623625	27.333	ng	97
34) Hexachlorobutadiene	11.322	225	533562	40.602	ng	99
35) Caprolactam	11.934	113	207398m	41.031	ng	
36) 4-Chloro-3-methylphenol	12.251	107	738603	39.522	ng	99
37) 2-Methylnaphthalene	12.634	142	1477610	36.787	ng	100
38) 1-Methylnaphthalene	12.851	142	1400656	37.258	ng	98
40) 1,2,4,5-Tetrachloroben...	12.998	216	957791	39.534	ng	99
41) Hexachlorocyclopentadiene	12.975	237	1031354	82.396	ng	99
43) 2,4,6-Trichlorophenol	13.228	196	649590	40.072	ng	98

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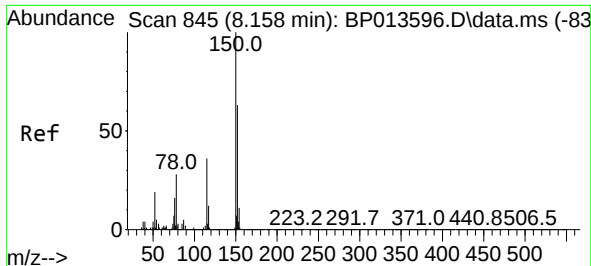
Quant Time: Jan 27 04:16:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	674460	35.577	ng	100
46) 1,1'-Biphenyl	13.634	154	1955087	37.728	ng	98
47) 2-Chloronaphthalene	13.675	162	1515790	38.329	ng	99
48) 2-Nitroaniline	13.875	65	320129	34.906	ng	98
49) Acenaphthylene	14.516	152	2401296	36.813	ng	100
50) Dimethylphthalate	14.245	163	1990784	36.856	ng	99
51) 2,6-Dinitrotoluene	14.363	165	406151	37.567	ng	98
52) Acenaphthene	14.857	154	1716934m	41.126	ng	
53) 3-Nitroaniline	14.692	138	334721	33.390	ng	98
54) 2,4-Dinitrophenol	14.898	184	526124	79.267	ng	100
55) Dibenzofuran	15.192	168	2371321	36.267	ng	100
56) 4-Nitrophenol	14.992	139	701544	79.676	ng	98
57) 2,4-Dinitrotoluene	15.151	165	554313	38.227	ng	97
58) Fluorene	15.845	166	1785925	35.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	615141	37.455	ng	100
60) Diethylphthalate	15.610	149	1899544	38.508	ng	99
61) 4-Chlorophenyl-phenyle...	15.828	204	1019478	36.108	ng	99
62) 4-Nitroaniline	15.863	138	365596	37.904	ng	98
63) Azobenzene	16.128	77	1793864	35.690	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	315908	37.898	ng	99
66) n-Nitrosodiphenylamine	16.045	169	1645578	38.527	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	705275	39.469	ng	98
68) Hexachlorobenzene	16.845	284	820498	42.008	ng	99
69) Atrazine	16.998	200	581427	44.531	ng	100
70) Pentachlorophenol	17.192	266	1048782	69.093	ng	98
71) Phenanthrene	17.592	178	3093963	38.913	ng	100
72) Anthracene	17.680	178	3065661	38.158	ng	100
73) Carbazole	17.945	167	2784744	38.898	ng	100
74) Di-n-butylphthalate	18.480	149	2782592	42.754	ng	99
75) Fluoranthene	19.539	202	3780349	38.120	ng	100
77) Benzidine	19.710	184	602236	45.339	ng	99
78) Pyrene	19.892	202	3826991	39.031	ng	100
80) Butylbenzylphthalate	20.751	149	528750	40.199	ng	98
81) Benzo(a)anthracene	21.616	228	3381832	37.907	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	914000	41.582	ng	98
83) Chrysene	21.669	228	3134763	37.396	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	851201	42.096	ng	100
85) Di-n-octyl phthalate	22.510	149	1372610	42.956	ng	99
87) Indeno(1,2,3-cd)pyrene	26.962	276	3291227	46.288	ng	99
88) Benzo(b)fluoranthene	23.427	252	3056564	47.074	ng	99
89) Benzo(k)fluoranthene	23.480	252	2910700	45.155	ng	99
90) Benzo(a)pyrene	24.104	252	2582772	42.261	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2893863	48.912	ng	99
92) Benzo(g,h,i)perylene	27.809	276	2924960	50.210	ng	100

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



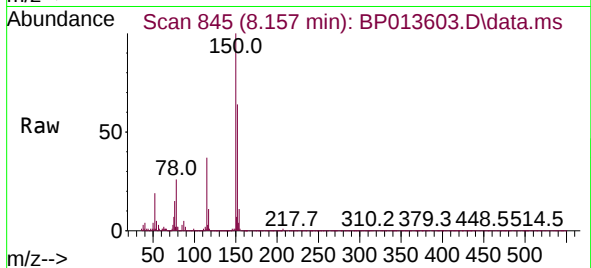
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

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BNA_P

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PB150420BS

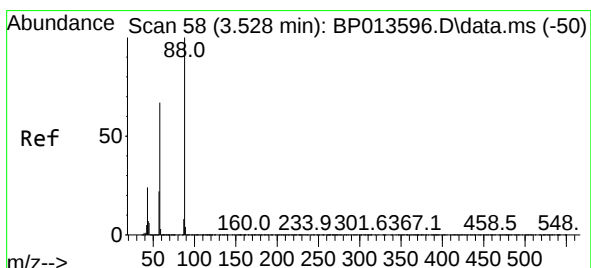
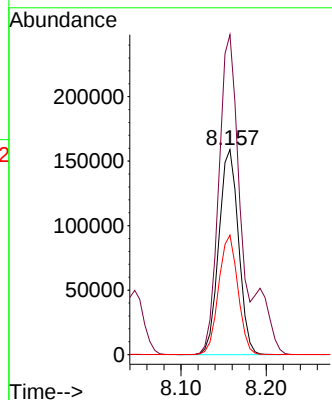
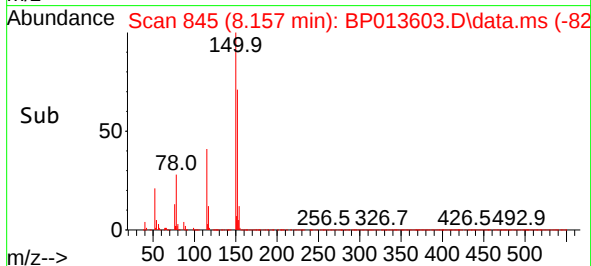


Tgt Ion:152 Resp: 25472
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 58.3 45.1 67.7

Manual Integrations

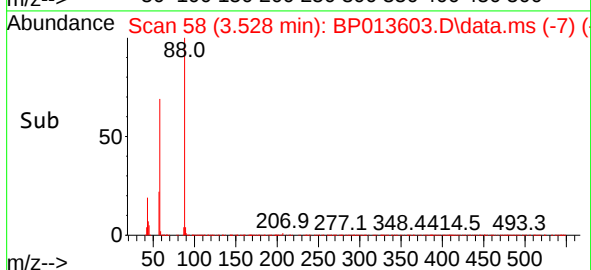
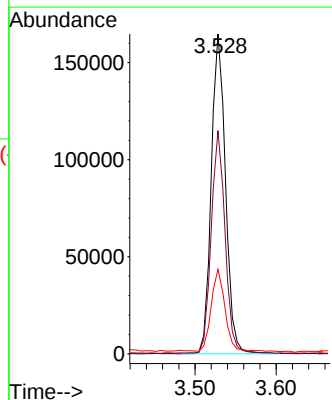
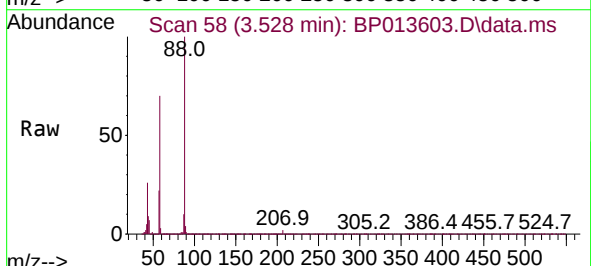
APPROVED

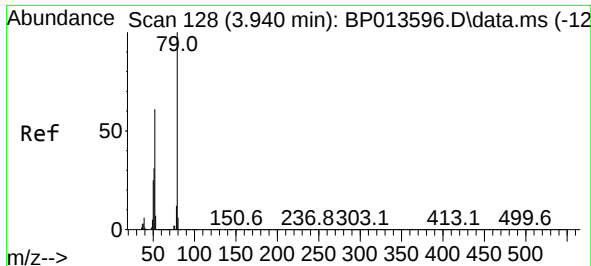
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#2
1,4-Dioxane
Concen: 32.035 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

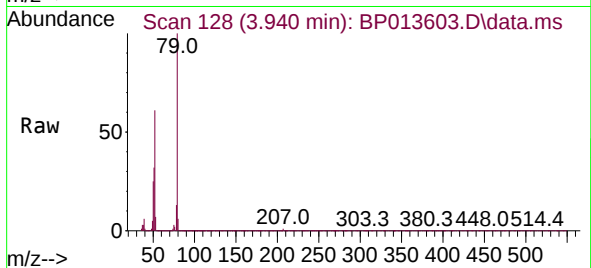
Tgt Ion: 88 Resp: 200772
Ion Ratio Lower Upper
88 100
58 67.8 54.2 81.4
43 26.4 20.4 30.6





#3
Pyridine
Concen: 28.935 ng
RT: 3.940 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

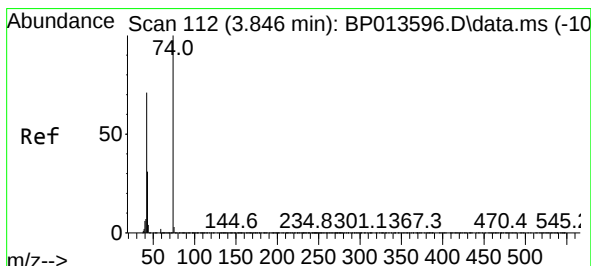
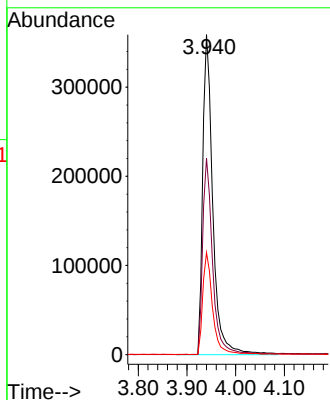
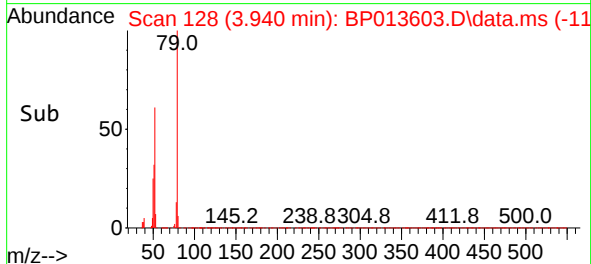
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BNA_P
ClientSampleId :
PB150420BS



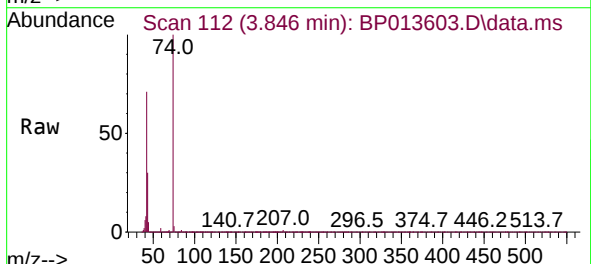
Tgt Ion: 79 Resp: 515469
Ion Ratio Lower Upper
79 100
52 61.4 48.6 73.0
51 31.9 25.1 37.7

Manual Integrations
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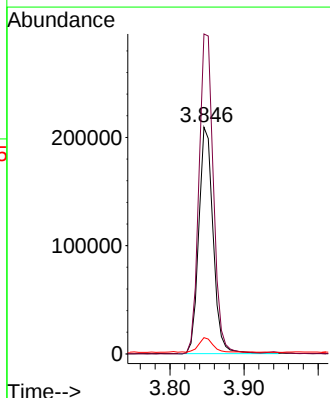
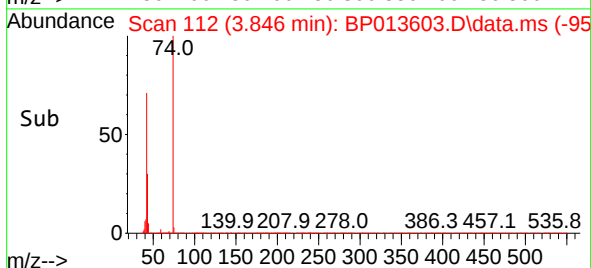
Reviewed By :Christian Giraldo 01/27/2023
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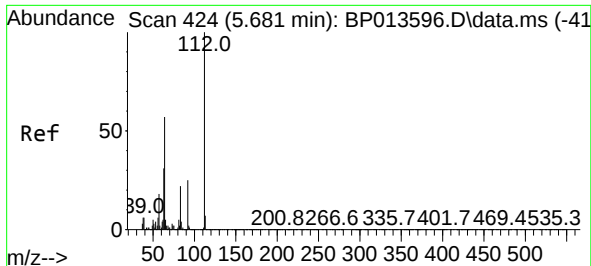


#4
n-Nitrosodimethylamine
Concen: 40.502 ng
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion: 42 Resp: 281991
Ion Ratio Lower Upper
42 100
74 141.2 112.2 168.2
44 7.2 5.6 8.4





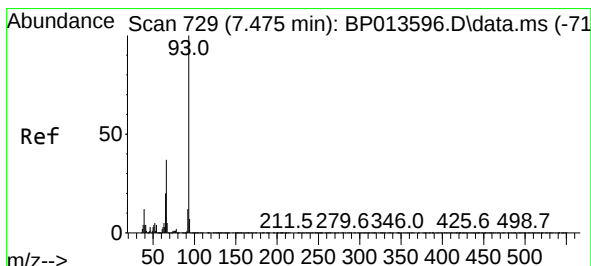
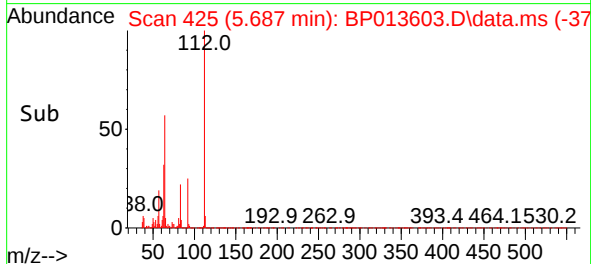
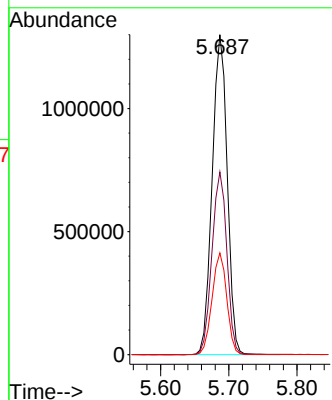
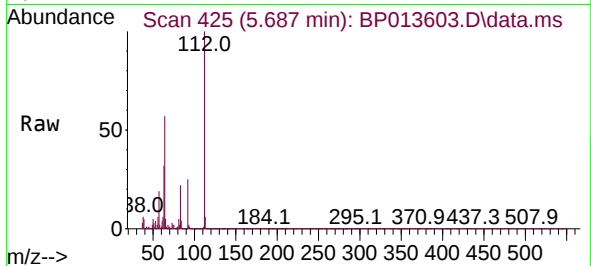
#5
2-Fluorophenol
Concen: 140.059 ng
RT: 5.687 min Scan# 424
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :
BNA_P
ClientSampleId :
PB150420BS

Tgt Ion:112 Resp: 1990886
Ion Ratio Lower Upper
112 100
64 57.1 45.5 68.3
63 31.8 25.1 37.7

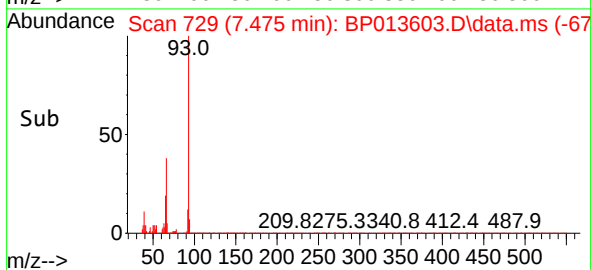
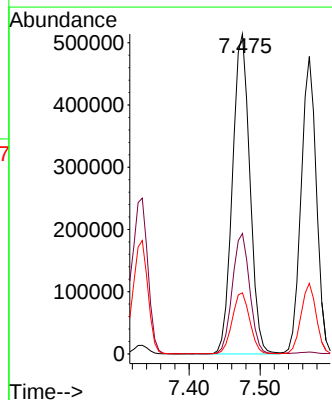
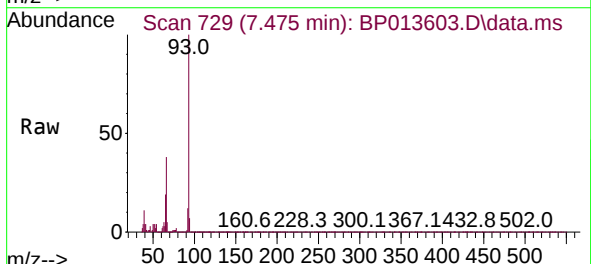
Manual Integrations
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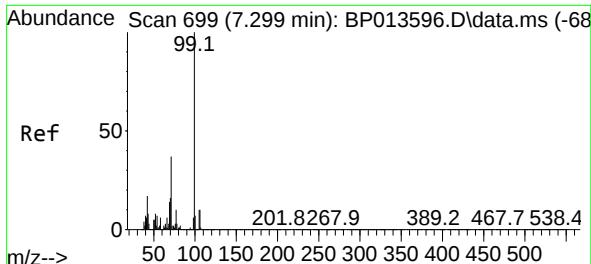
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#6
Aniline
Concen: 34.317 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

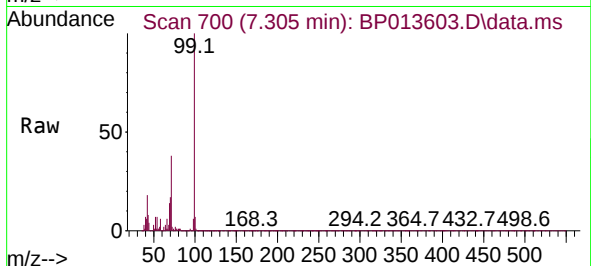
Tgt Ion: 93 Resp: 873335
Ion Ratio Lower Upper
93 100
66 37.6 29.8 44.8
65 19.1 15.8 23.6





#7
Phenol-d6
Concen: 132.184 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

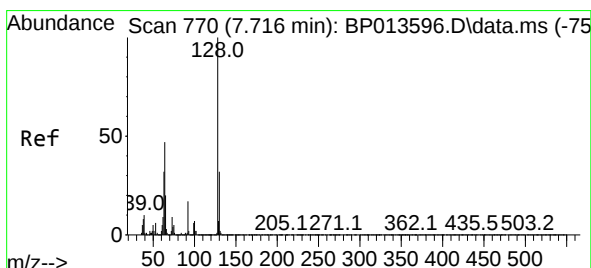
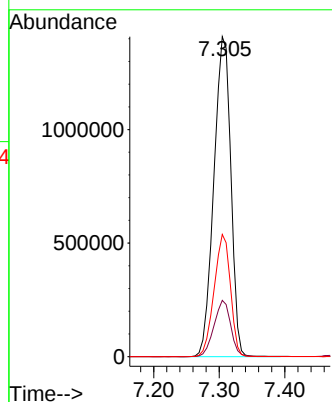
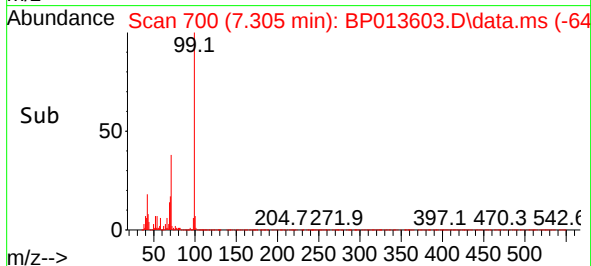
Instrument :
BNA_P
Client Sample Id :
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Tgt Ion: 99 Resp: 253824
Ion Ratio Lower Upper
99 100
42 17.6 13.4 20.2
71 38.2 29.9 44.9

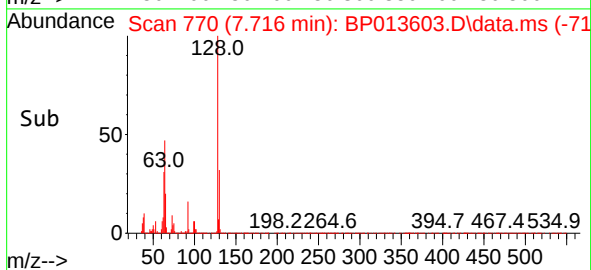
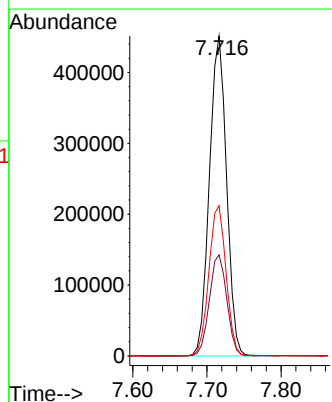
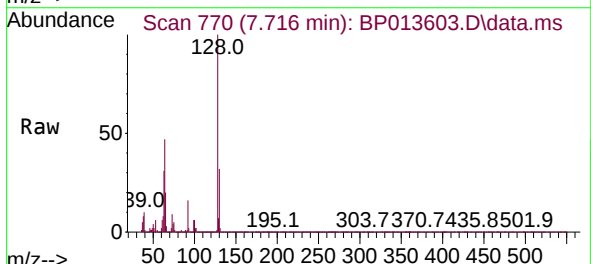
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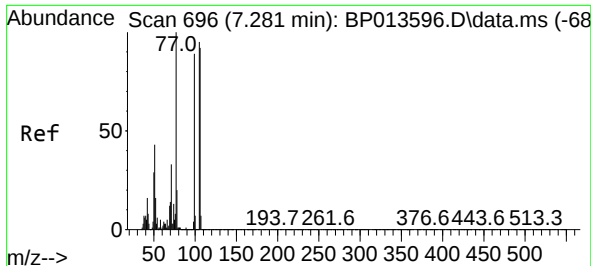
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#8
2-Chlorophenol
Concen: 47.998 ng
RT: 7.716 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

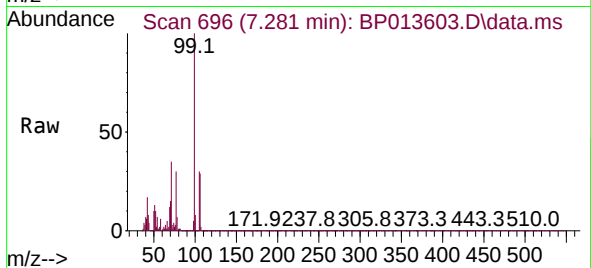
Tgt Ion:128 Resp: 724254
Ion Ratio Lower Upper
128 100
130 31.6 11.9 51.9
64 46.9 26.8 66.8





#9
Benzaldehyde
Concen: 8.013 ng m
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

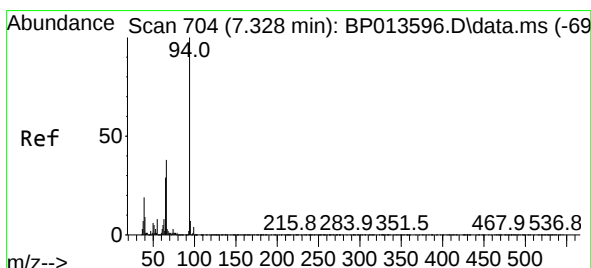
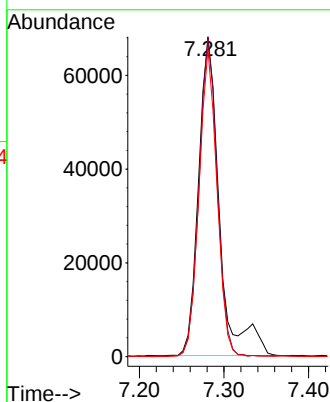
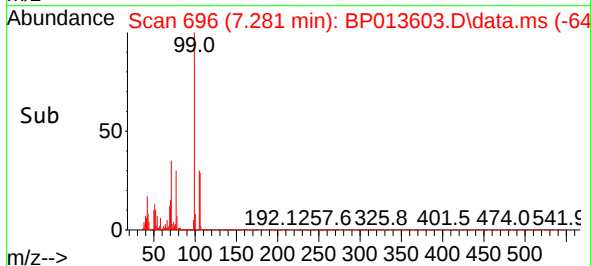
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BNA_P
ClientSampleId :
PB150420BS



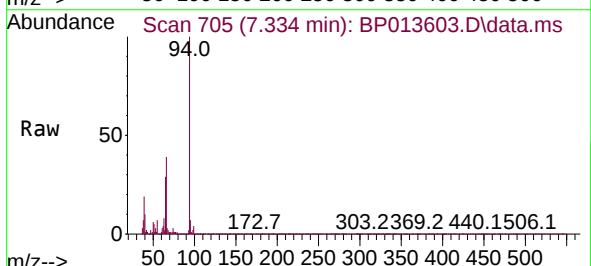
Tgt Ion: 77 Resp: 116776
Ion Ratio Lower Upper
77 100
105 100.6 74.8 114.8
106 96.5 71.5 111.5

Manual Integrations
APPROVED

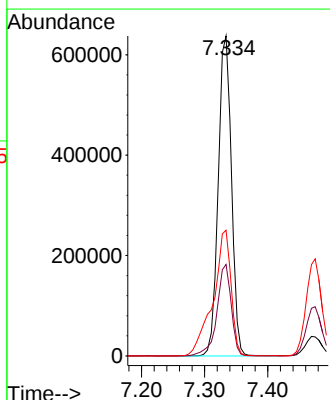
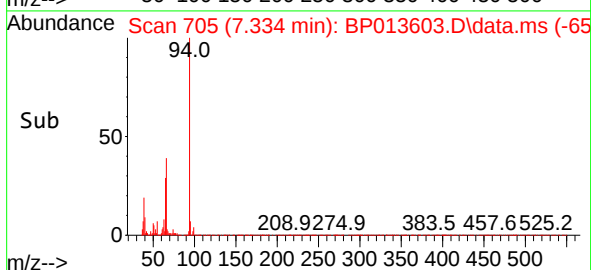
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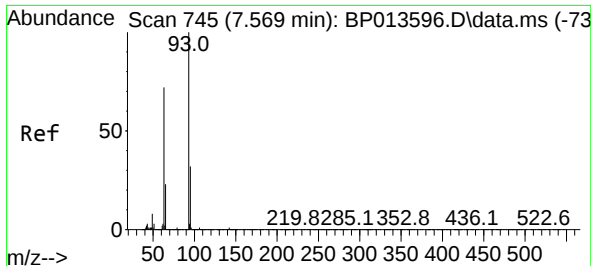


#10
Phenol
Concen: 45.956 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



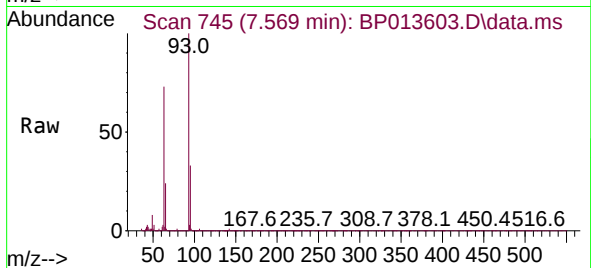
Tgt Ion: 94 Resp: 924384
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 39.3 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 42.856 ng
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

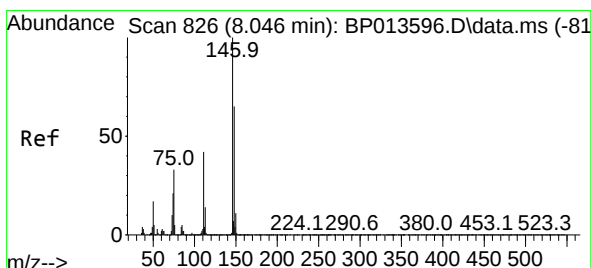
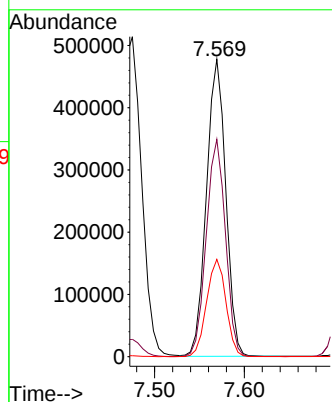
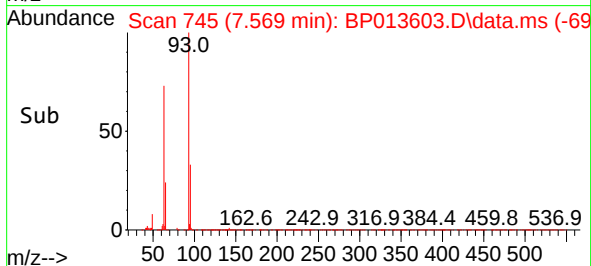
Instrument :
BNA_P
ClientSampleId :
PB150420BS



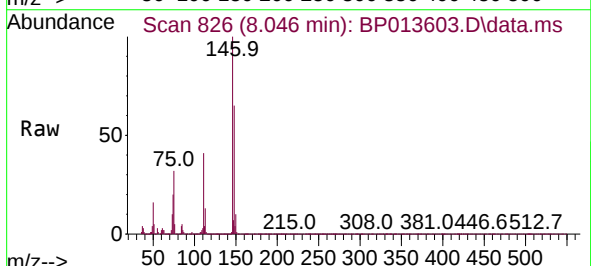
Tgt Ion: 93 Resp: 713860
Ion Ratio Lower Upper
93 100
63 73.0 52.1 92.1
95 32.7 11.9 51.9

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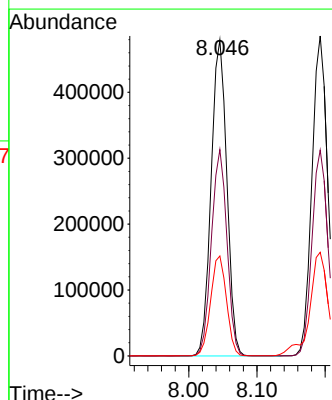
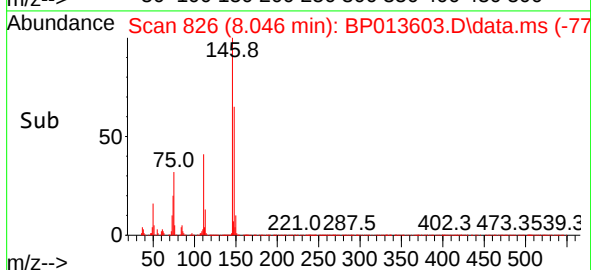
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

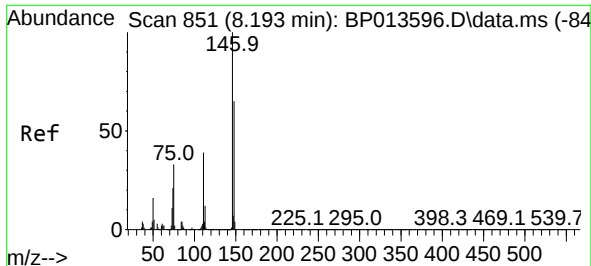


#12
1,3-Dichlorobenzene
Concen: 43.805 ng
RT: 8.046 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



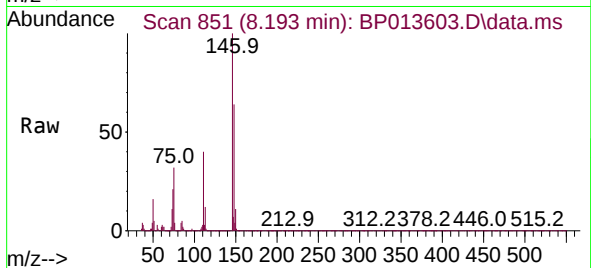
Tgt Ion:146 Resp: 763006
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
75 31.6 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 43.883 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

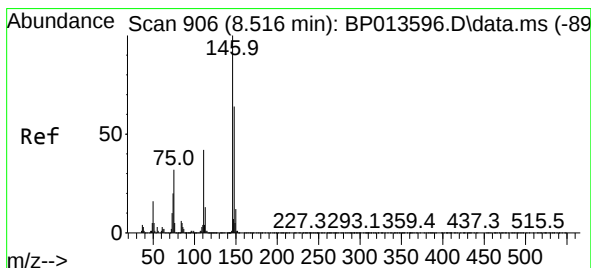
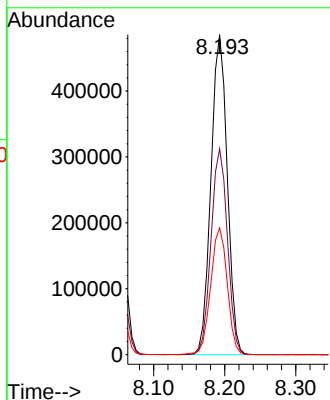
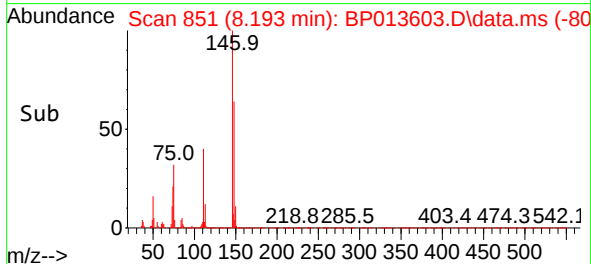
Instrument :
BNA_P
ClientSampleId :
PB150420BS



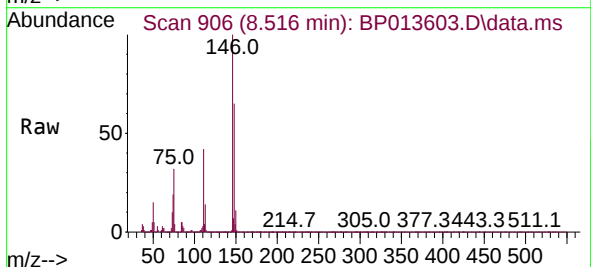
Tgt Ion:146 Resp: 775093
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
111 39.6 31.5 47.3

Manual Integrations
APPROVED

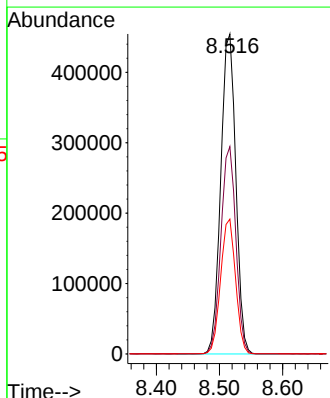
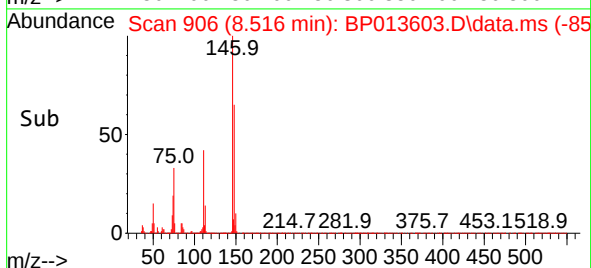
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

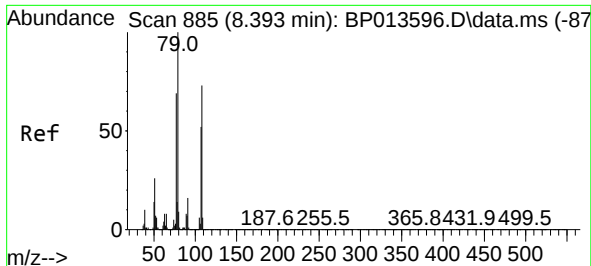


#14
1,2-Dichlorobenzene
Concen: 45.117 ng
RT: 8.516 min Scan# 906
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:146 Resp: 750266
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 42.1 33.3 49.9





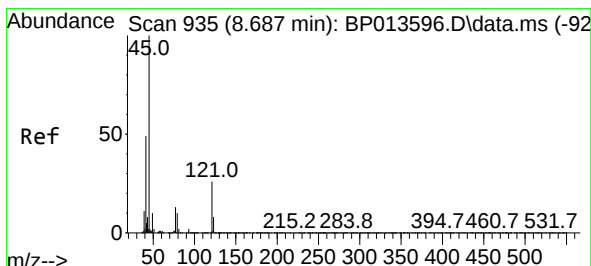
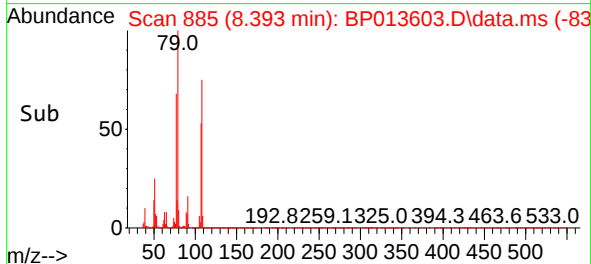
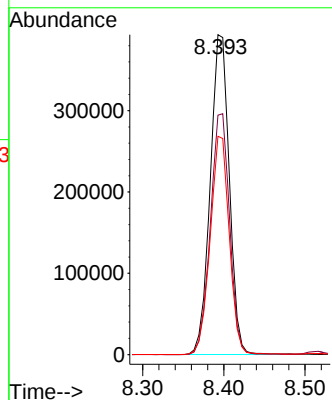
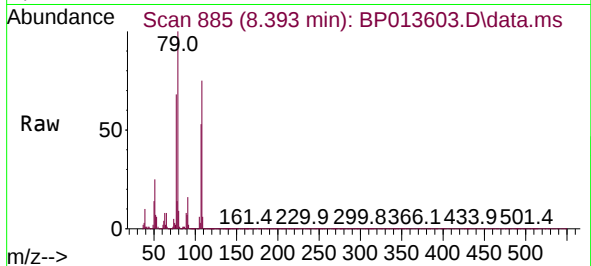
#15
Benzyl Alcohol
Concen: 43.013 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :
BNA_P
ClientSampleId :
PB150420BS

Tgt Ion: 79 Resp: 641355
Ion Ratio Lower Upper
79 100
108 74.8 58.4 87.6
77 68.2 55.0 82.6

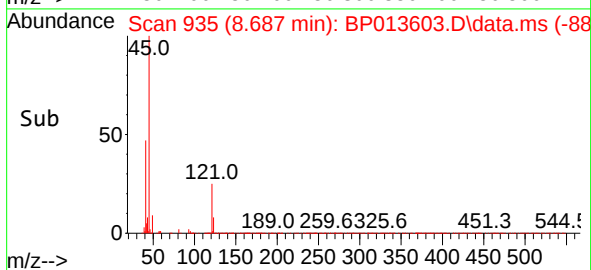
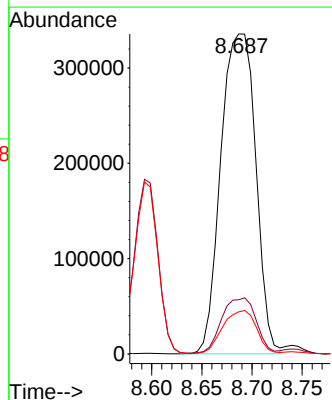
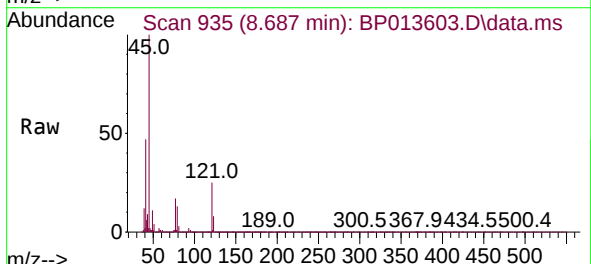
Manual Integrations
APPROVED

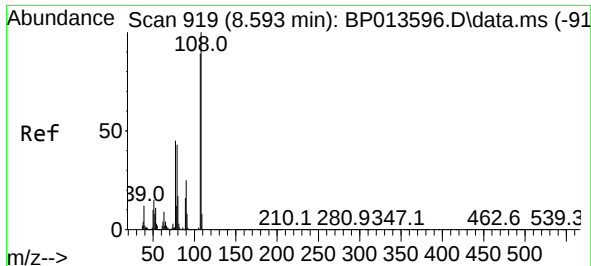
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.290 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

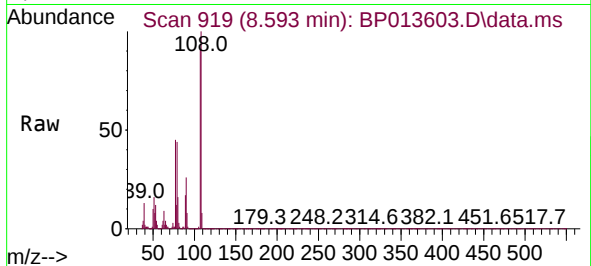
Tgt Ion: 45 Resp: 812590
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.2
79 13.1 0.0 33.7





#17
2-Methylphenol
Concen: 42.861 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

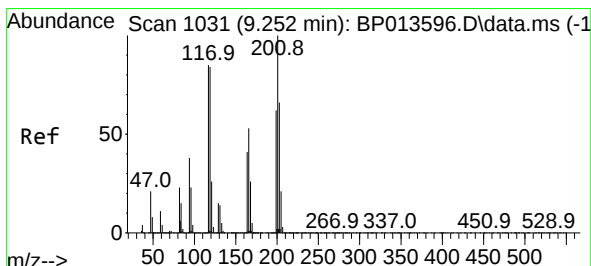
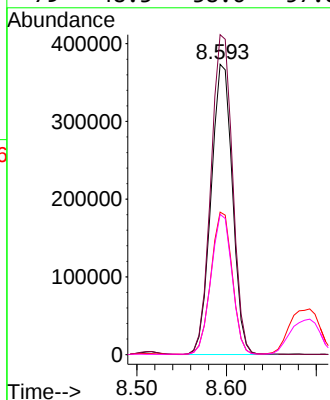
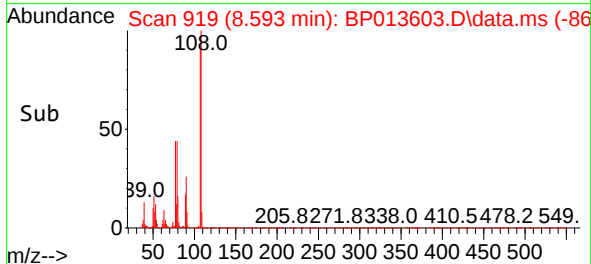
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.6	134.4
77	49.1	40.4	60.6
79	48.3	38.6	57.8

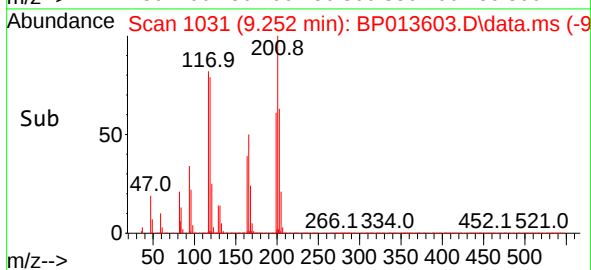
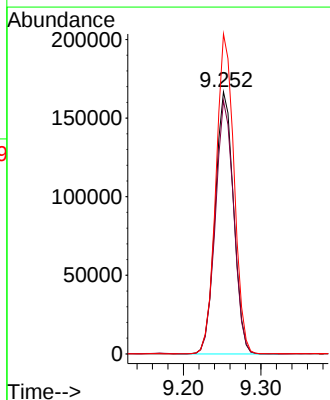
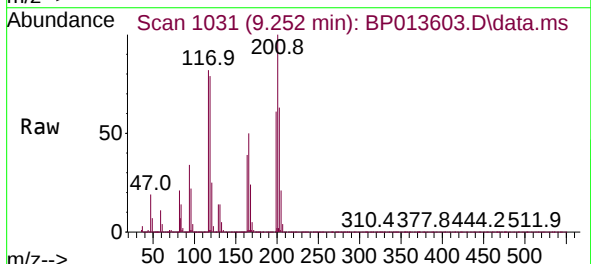
Manual Integrations
APPROVED

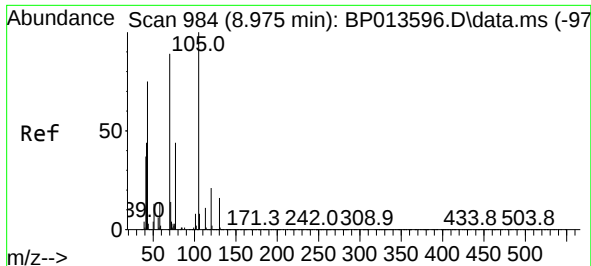
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#18
Hexachloroethane
Concen: 43.465 ng
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.6	118.0
201	122.1	94.0	141.0





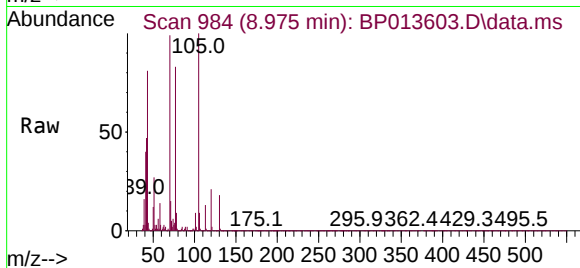
#19
n-Nitroso-di-n-propylamine
Concen: 40.796 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

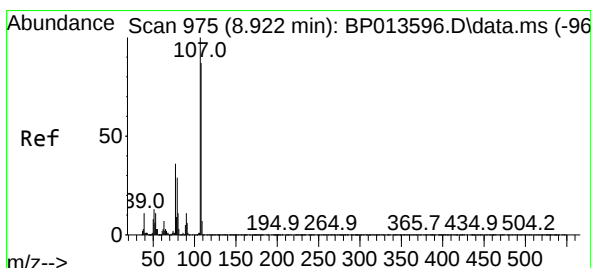
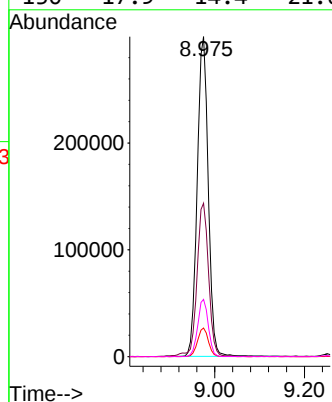
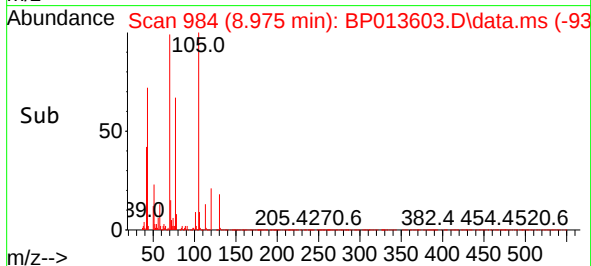


Tgt Ion: 70 Resp: 509095
Ion Ratio Lower Upper
70 100
42 47.9 40.1 60.1
101 8.9 7.0 10.4
130 17.9 14.4 21.6

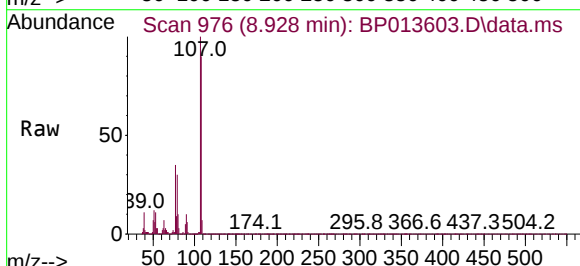
Manual Integrations

APPROVED

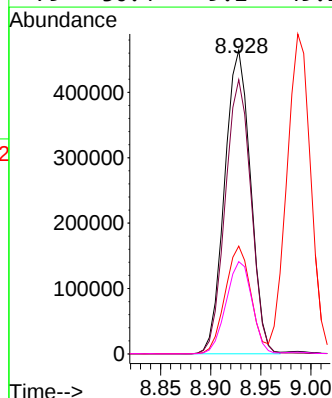
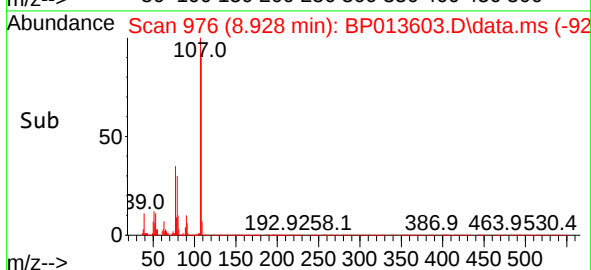
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

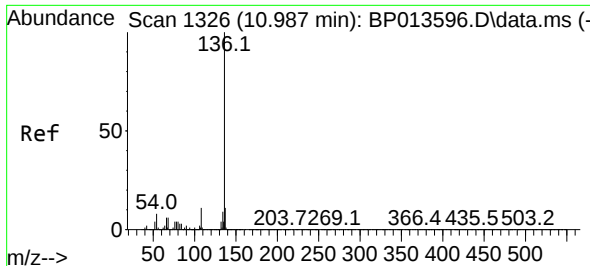


#20
3+4-Methylphenols
Concen: 42.033 ng
RT: 8.928 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:107 Resp: 836071
Ion Ratio Lower Upper
107 100
108 90.3 67.4 107.4
77 35.5 15.9 55.9
79 30.4 9.2 49.2





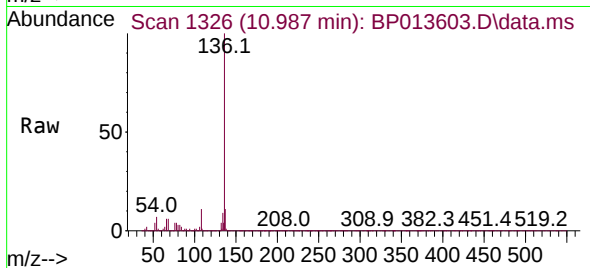
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

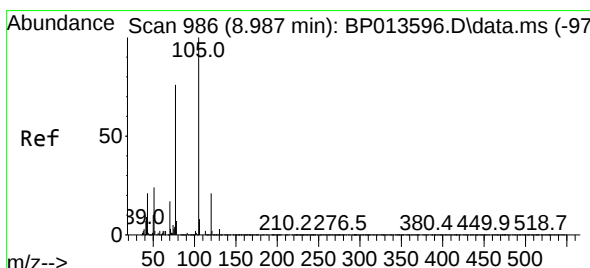
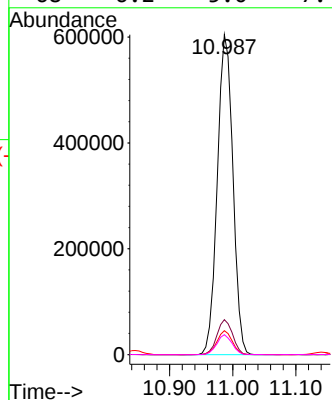
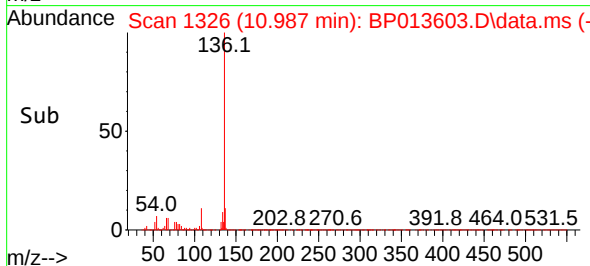


Tgt Ion:136 Resp: 1034270
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 6.1 9.1
68 6.2 5.0 7.4

Manual Integrations

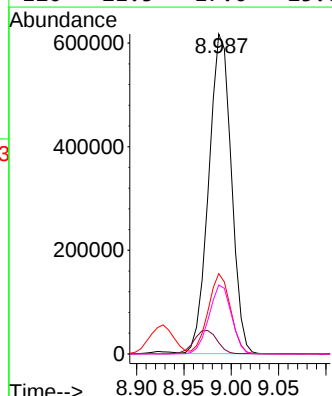
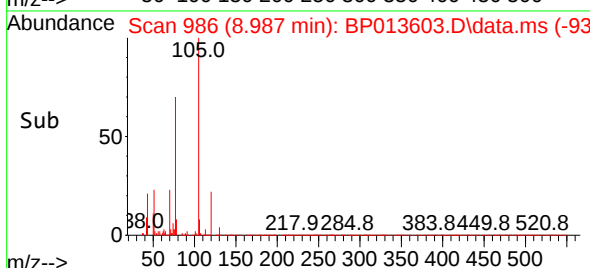
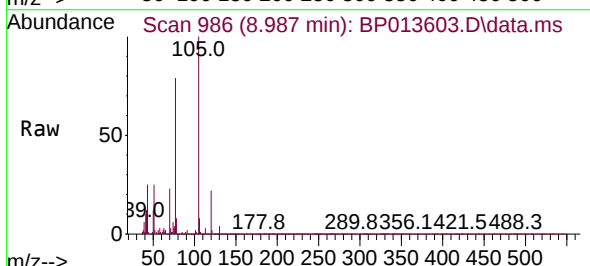
APPROVED

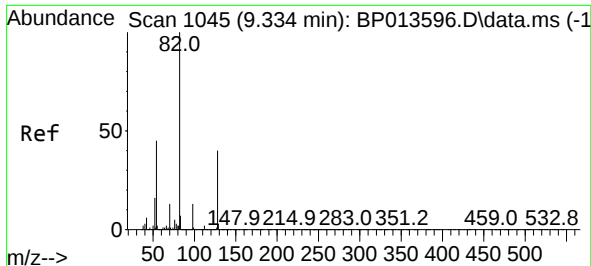
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#22
Acetophenone
Concen: 39.234 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:105 Resp: 1024255
Ion Ratio Lower Upper
105 100
71 3.5 2.5 3.7
51 25.1 20.6 31.0
120 21.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 79.310 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

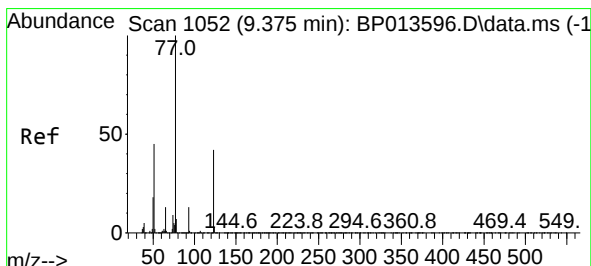
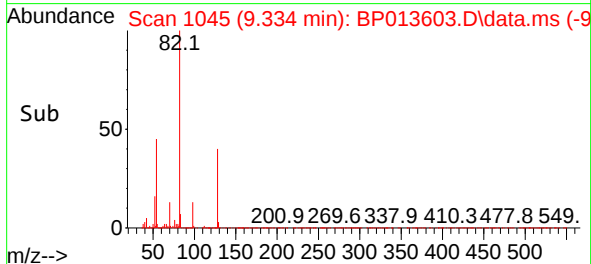
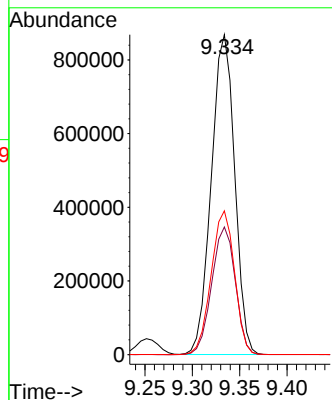
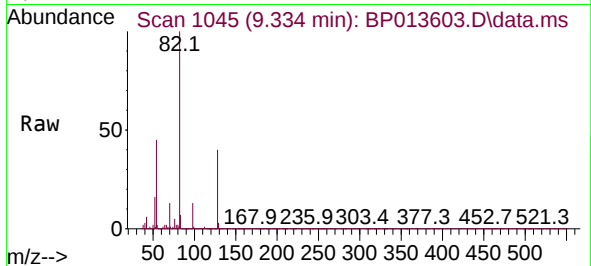
ClientSampleId :

PB150420BS

Tgt Ion: 82 Resp: 1492833
Ion Ratio Lower Upper
82 100
128 39.9 31.8 47.8
54 44.9 36.2 54.2

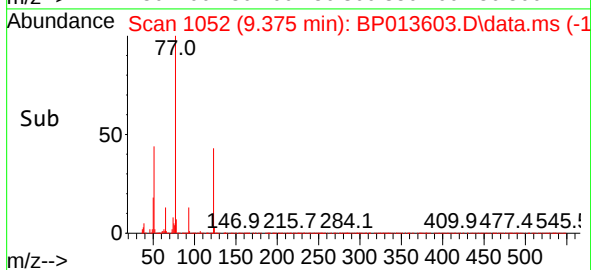
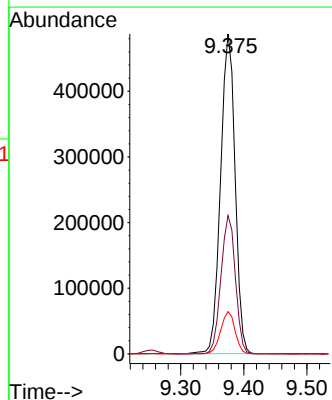
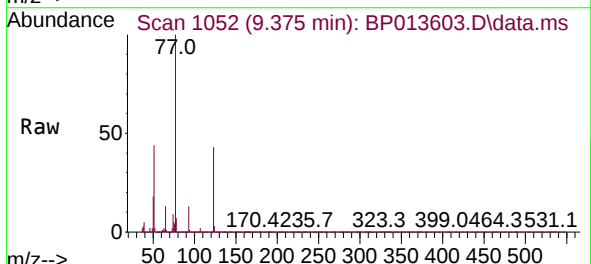
Manual Integrations
APPROVED

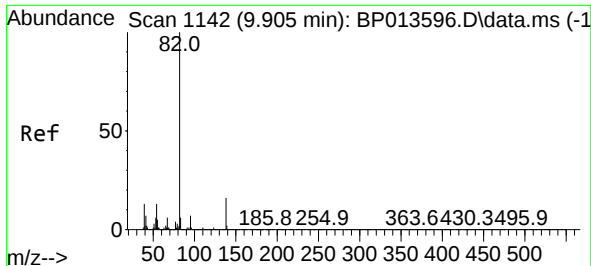
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#24
Nitrobenzene
Concen: 39.459 ng
RT: 9.375 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion: 77 Resp: 777331
Ion Ratio Lower Upper
77 100
123 43.2 33.9 50.9
65 13.2 10.2 15.4





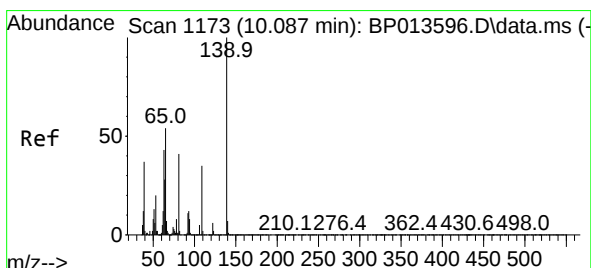
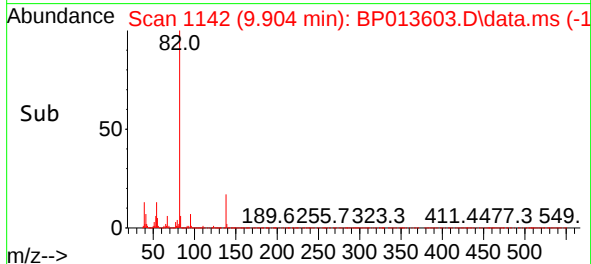
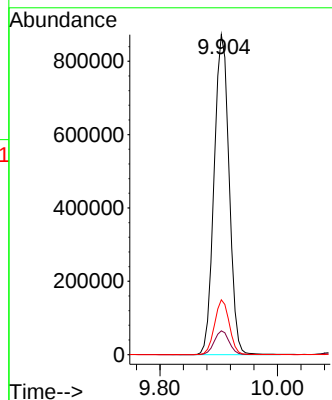
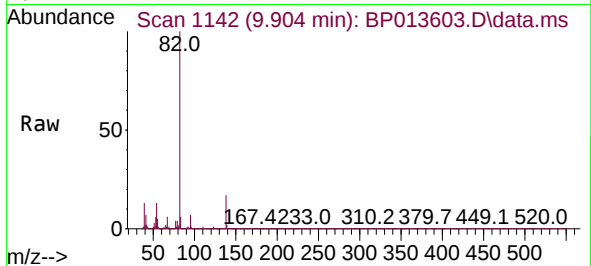
#25
Isophorone
Concen: 37.493 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :
BNA_P
ClientSampleId :
PB150420BS

Tgt Ion: 82 Resp: 1545880
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.2 13.0 19.6

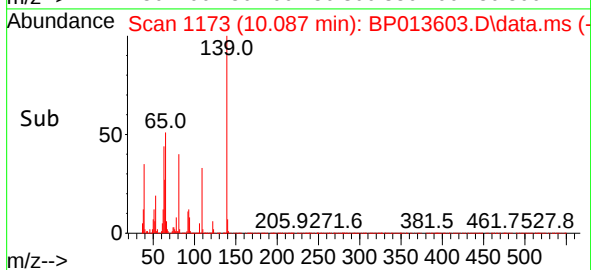
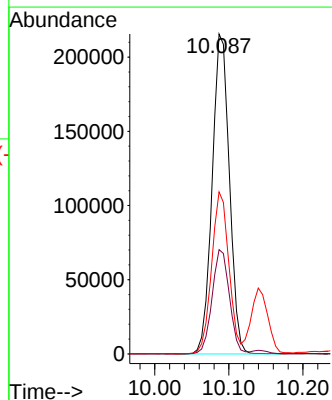
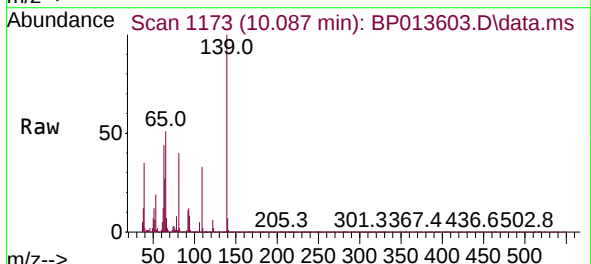
Manual Integrations
APPROVED

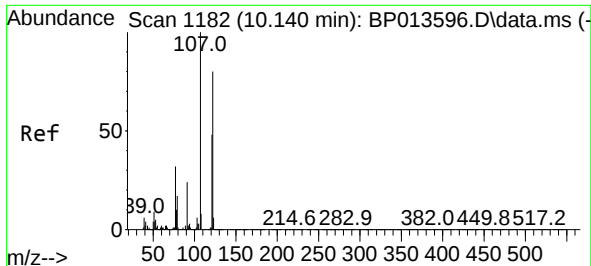
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#26
2-Nitrophenol
Concen: 41.080 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

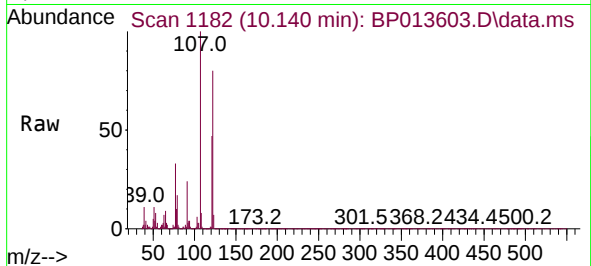
Tgt Ion:139 Resp: 347635
Ion Ratio Lower Upper
139 100
109 32.6 27.8 41.8
65 50.6 43.1 64.7





#27
2,4-Dimethylphenol
Concen: 40.820 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

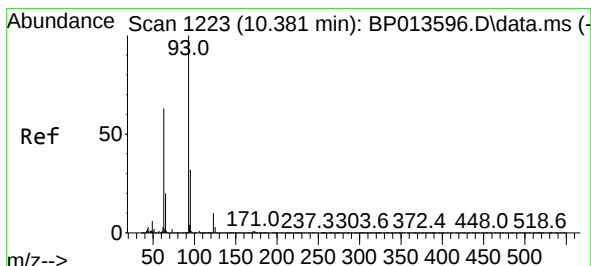
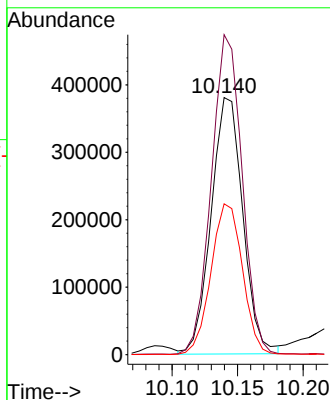
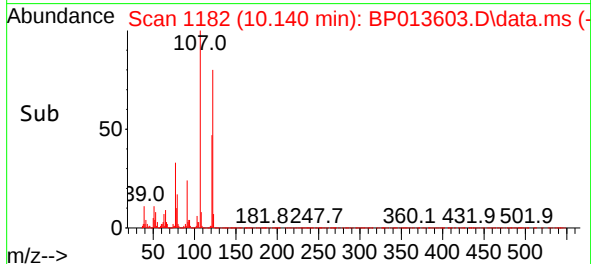
Instrument :
BNA_P
ClientSampleId :
PB150420BS



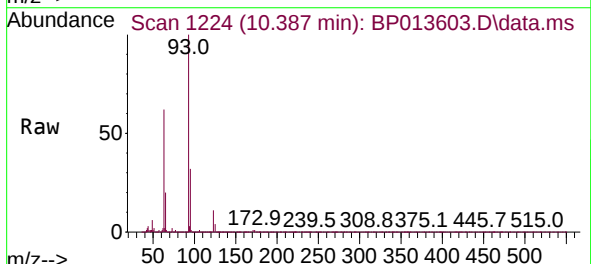
Tgt Ion:122 Resp: 639446
Ion Ratio Lower Upper
122 100
107 124.5 99.2 148.8
121 58.7 48.0 72.0

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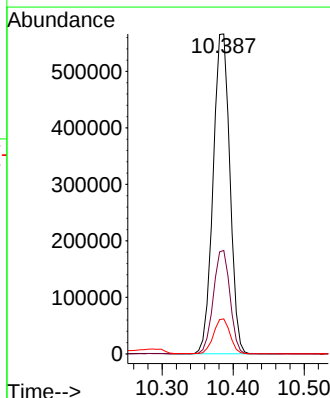
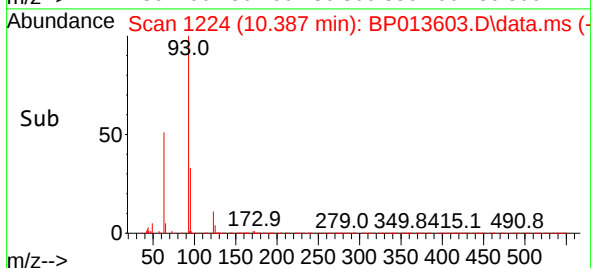
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

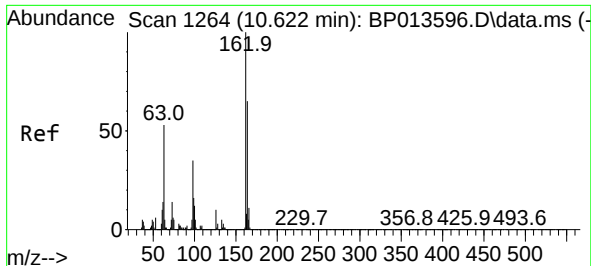


#28
bis(2-Chloroethoxy)methane
Concen: 39.690 ng
RT: 10.387 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion: 93 Resp: 931073
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 10.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.398 ng

RT: 10.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

Tgt Ion:162 Resp: 747408

Ion Ratio Lower Upper

162 100

164 63.8 45.3 85.3

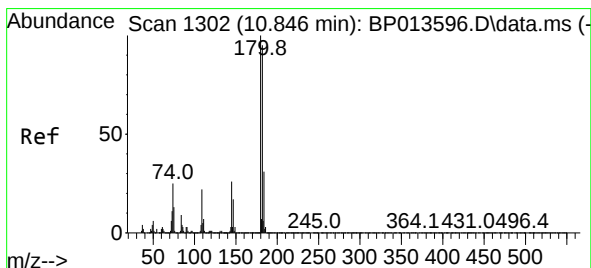
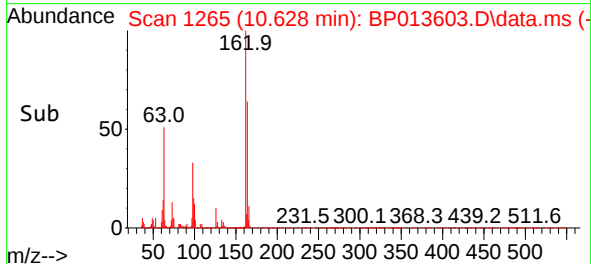
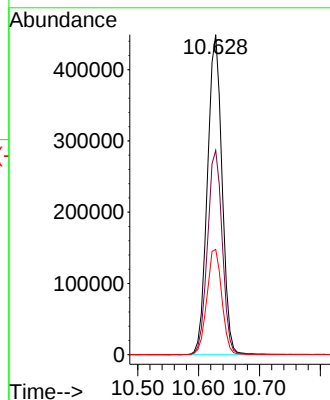
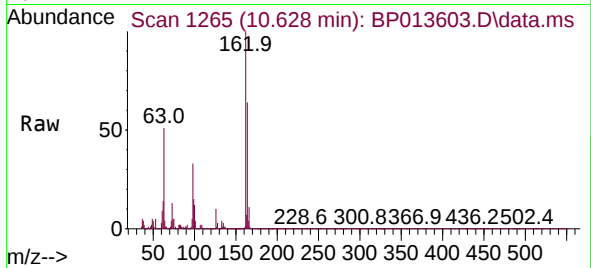
98 32.9 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.055 ng

RT: 10.846 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

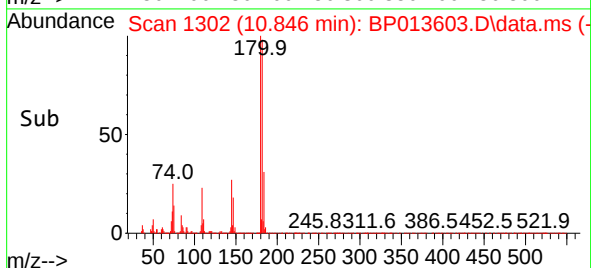
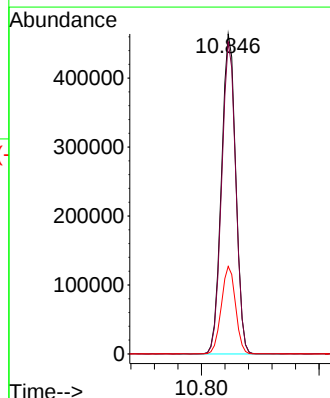
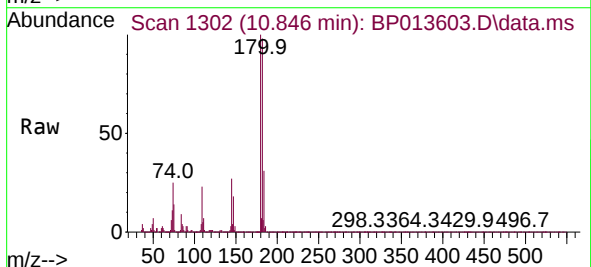
Tgt Ion:180 Resp: 782871

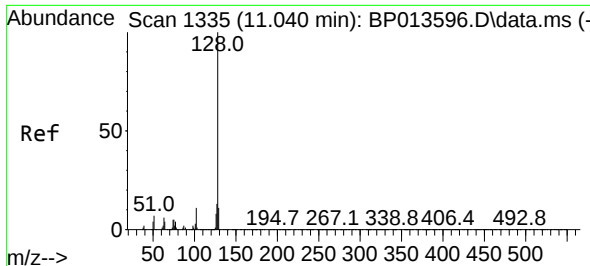
Ion Ratio Lower Upper

180 100

182 97.6 75.9 113.9

145 27.3 21.1 31.7





#31
Naphthalene
Concen: 38.565 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

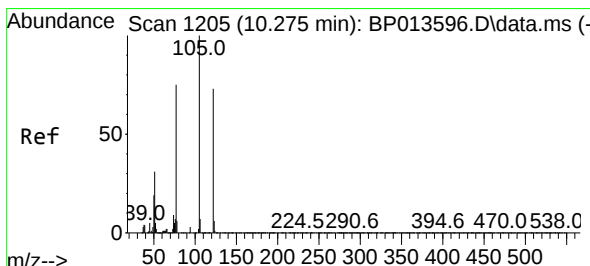
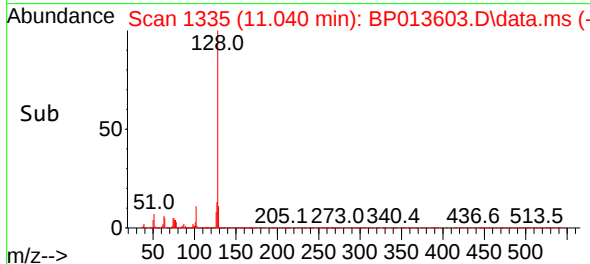
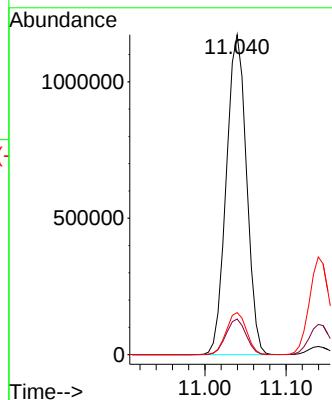
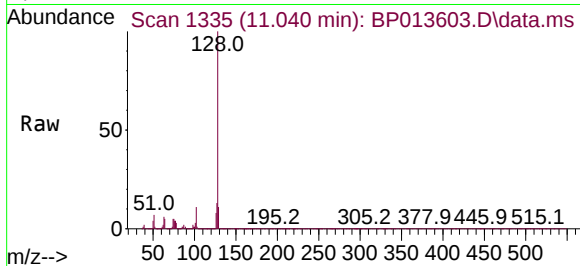
ClientSampleId :

PB150420BS

Tgt Ion:128 Resp: 2026826
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6

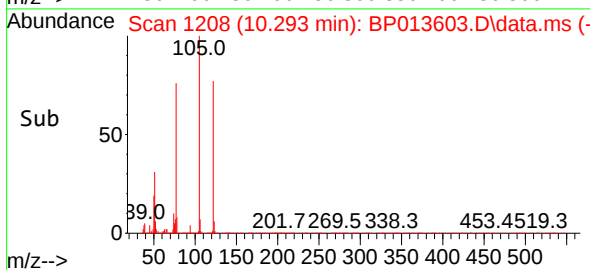
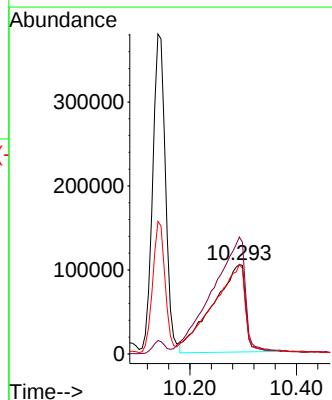
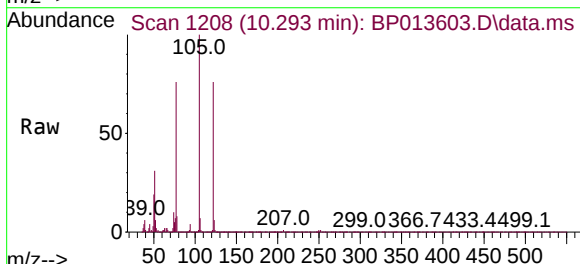
Manual Integrations
APPROVED

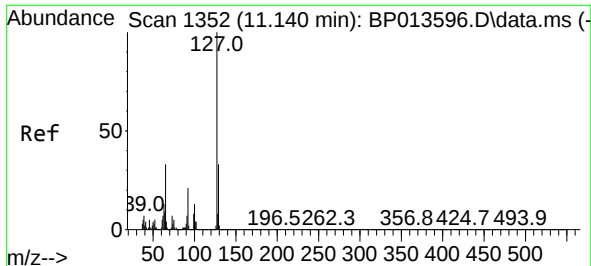
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#32
Benzoic acid
Concen: 39.046 ng
RT: 10.293 min Scan# 1208
Delta R.T. 0.018 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:122 Resp: 445893
Ion Ratio Lower Upper
122 100
105 130.8 110.7 150.7
77 99.9 81.1 121.1





#33
4-Chloroaniline
Concen: 27.333 ng
RT: 11.140 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

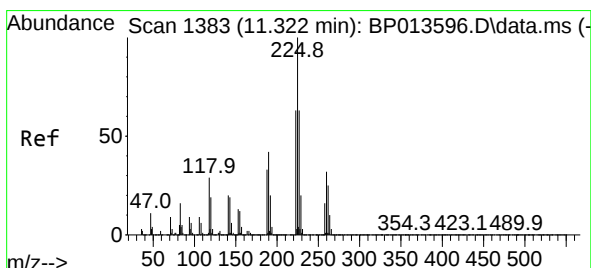
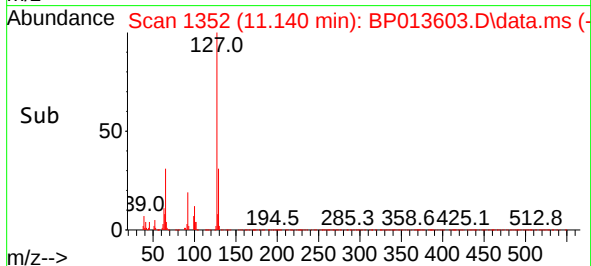
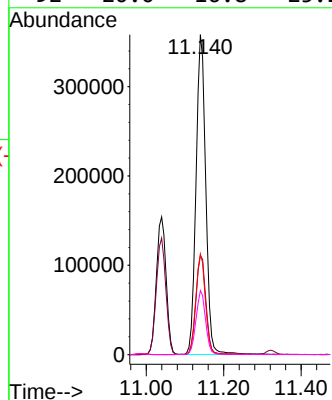
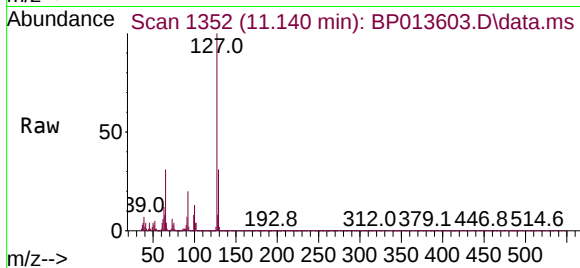
PB150420BS

Tgt Ion:127 Resp: 623625
Ion Ratio Lower Upper
127 100
129 30.9 26.2 39.4
65 31.5 26.3 39.5
92 20.0 16.8 25.2

Manual Integrations

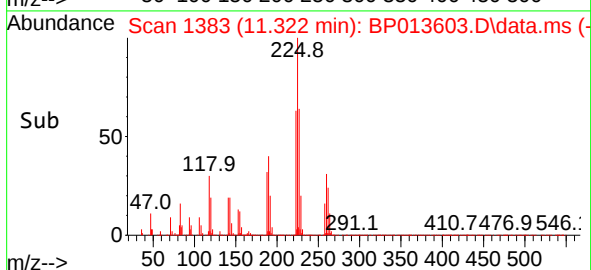
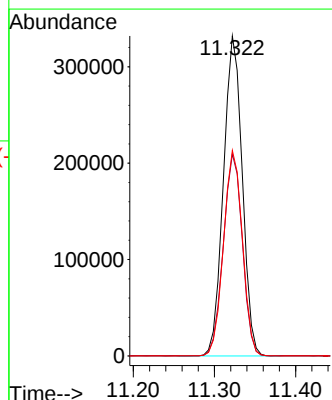
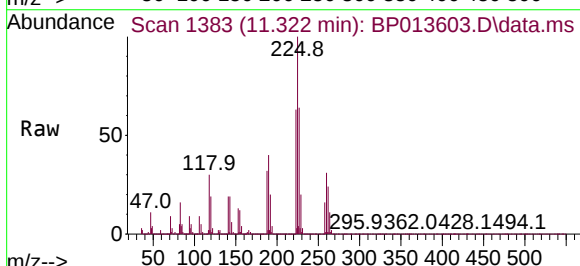
APPROVED

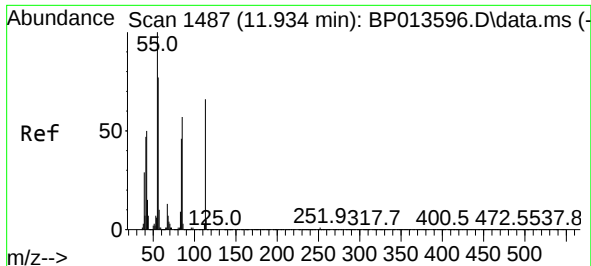
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

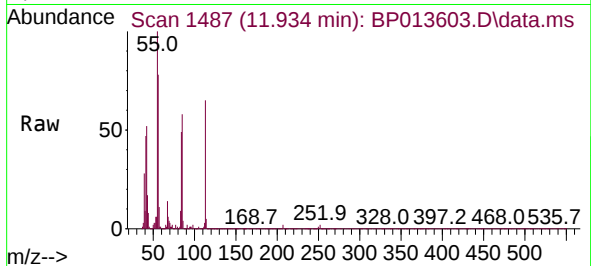
Tgt Ion:225 Resp: 533562
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 64.2 50.5 75.7





#35
Caprolactam
Concen: 41.031 ng m
RT: 11.934 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

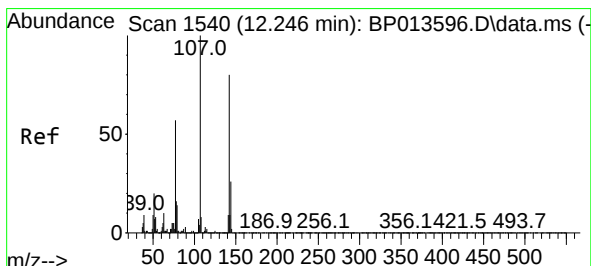
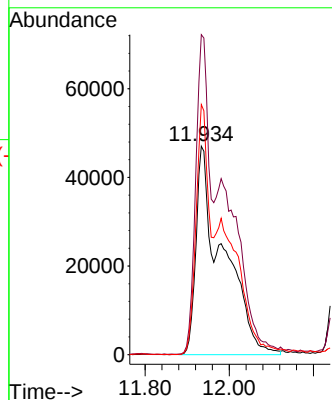
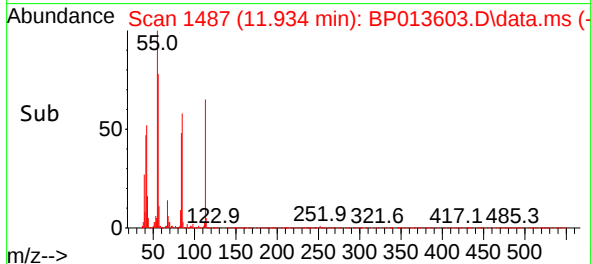
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:113 Resp: 207398
Ion Ratio Lower Upper
113 100
55 153.5 131.6 171.6
56 119.9 97.2 137.2

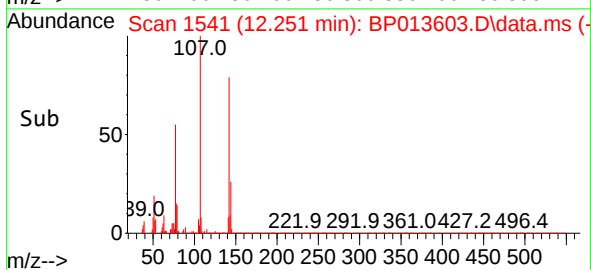
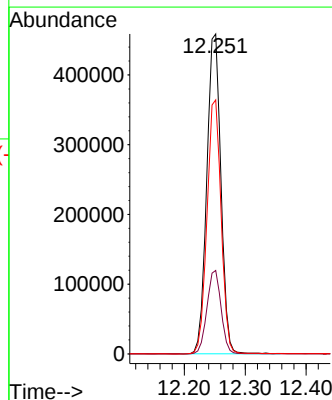
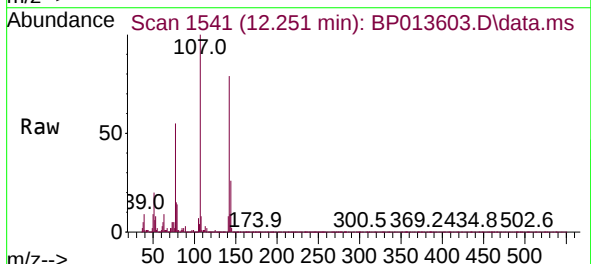
Manual Integrations
APPROVED

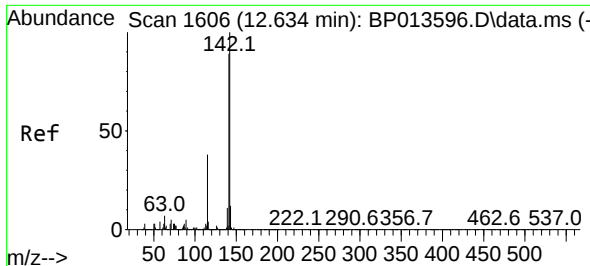
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#36
4-Chloro-3-methylphenol
Concen: 39.522 ng
RT: 12.251 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

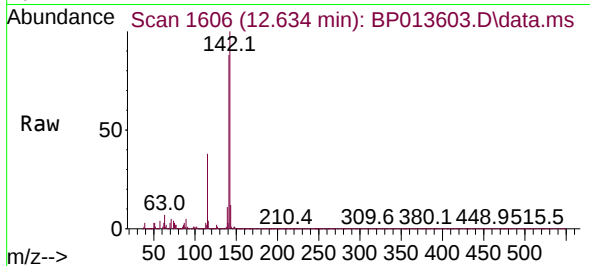
Tgt Ion:107 Resp: 738603
Ion Ratio Lower Upper
107 100
144 26.1 20.9 31.3
142 79.4 64.2 96.4





#37
2-Methylnaphthalene
Concen: 36.787 ng
RT: 12.634 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

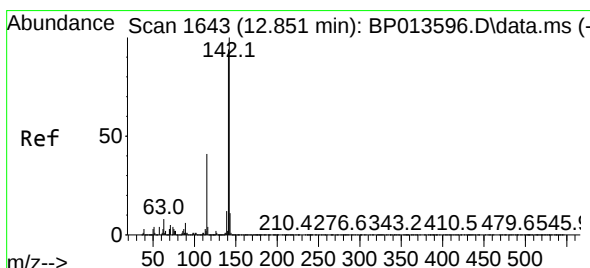
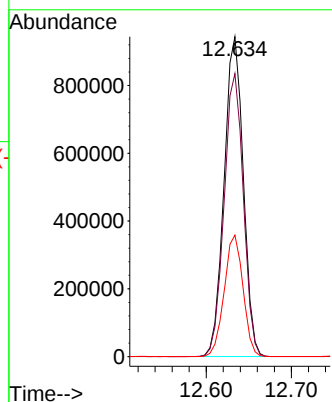
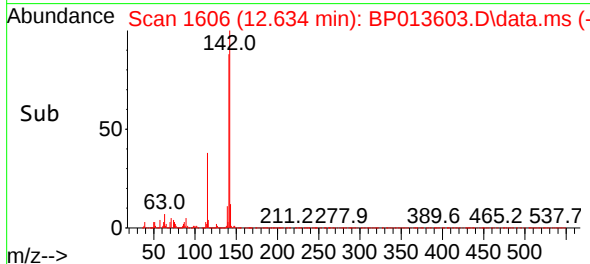
Instrument :
BNA_P
ClientSampleId :
PB150420BS



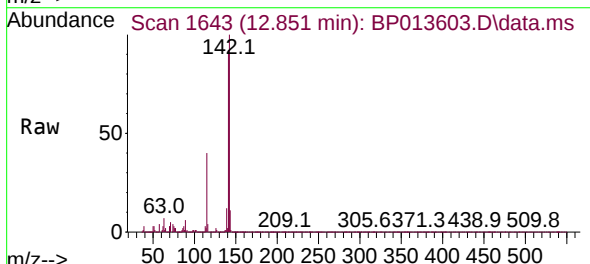
Tgt Ion:142 Resp: 1477610
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 38.0 30.6 46.0

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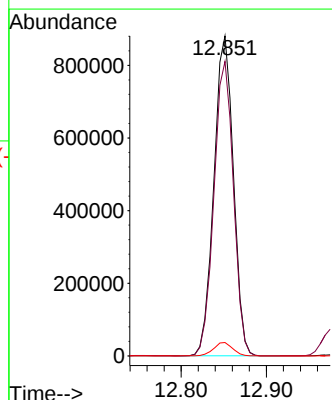
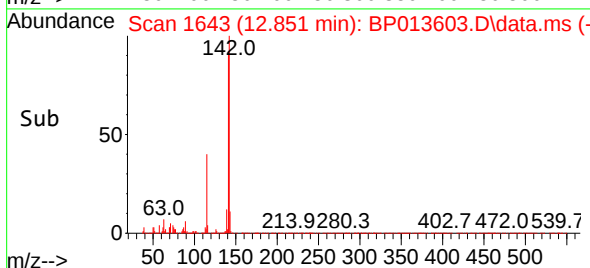
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

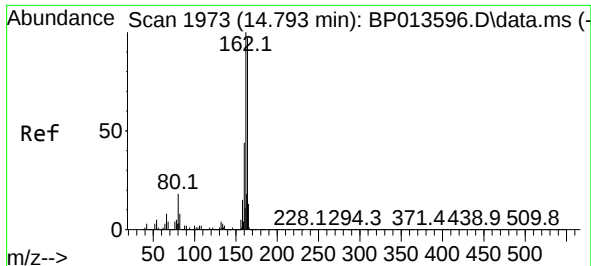


#38
1-Methylnaphthalene
Concen: 37.258 ng
RT: 12.851 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:142 Resp: 1400656
Ion Ratio Lower Upper
142 100
141 92.0 75.5 113.3
116 4.2 3.3 4.9





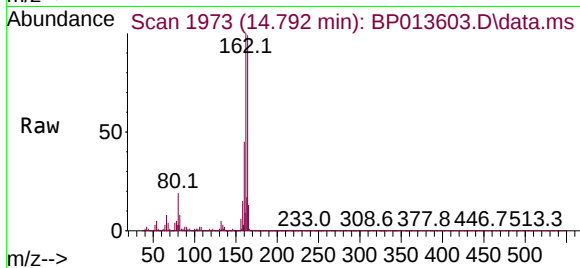
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

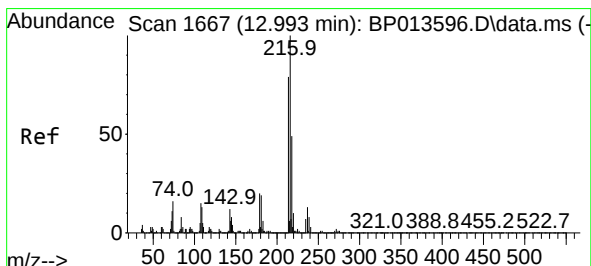
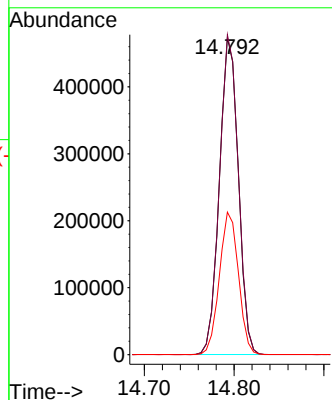
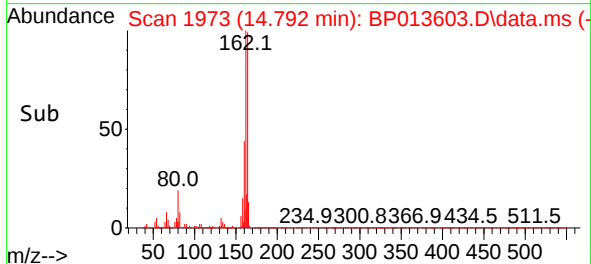


Tgt Ion:164 Resp: 695412
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 45.0 36.6 54.8

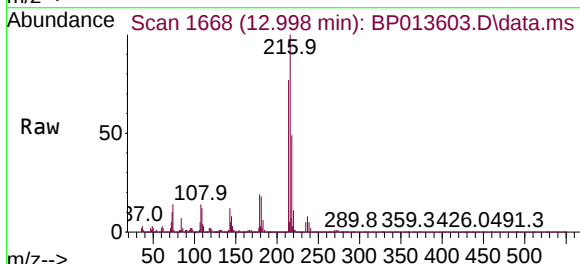
Manual Integrations

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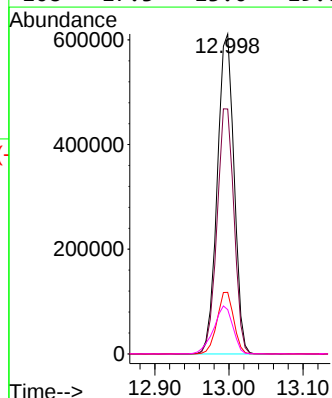
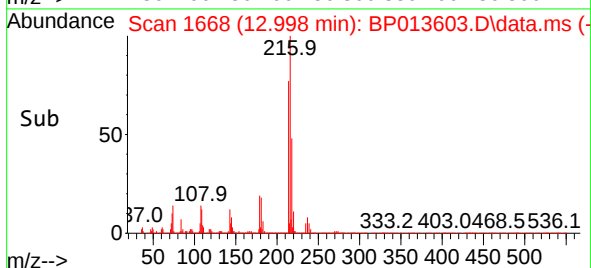
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

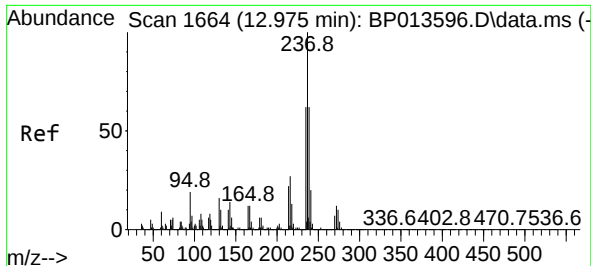


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.534 ng
RT: 12.998 min Scan# 1668
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



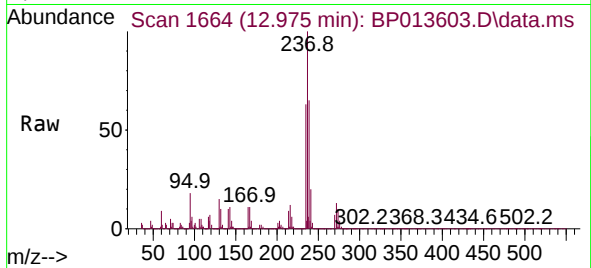
Tgt Ion:216 Resp: 957791
Ion Ratio Lower Upper
216 100
214 77.6 62.4 93.6
179 19.2 15.4 23.0
108 17.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 82.396 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

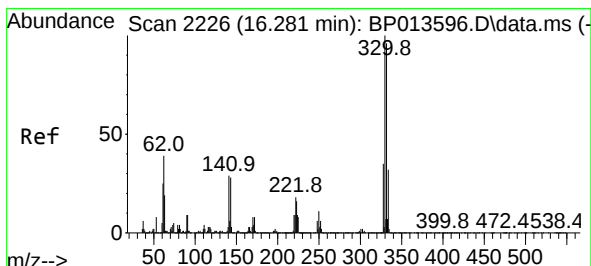
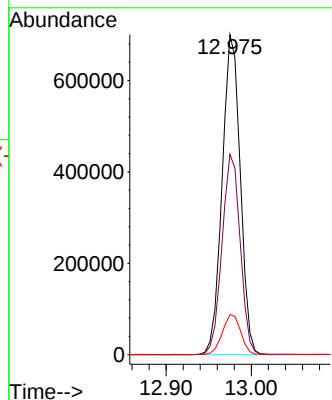
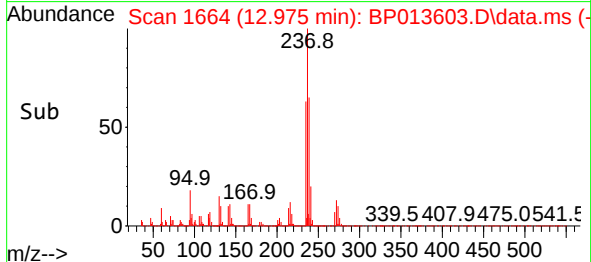
Instrument :
BNA_P
ClientSampleId :
PB150420BS



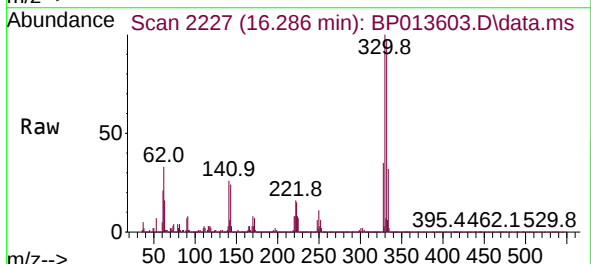
Tgt Ion: 237 Resp: 1031354
Ion Ratio Lower Upper
237 100
235 62.6 41.9 81.9
272 12.5 0.0 32.4

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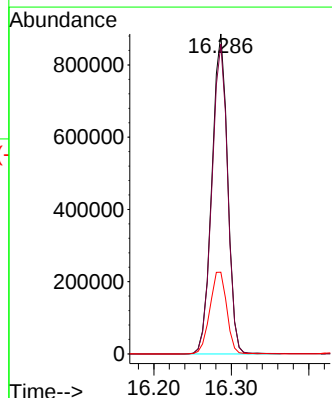
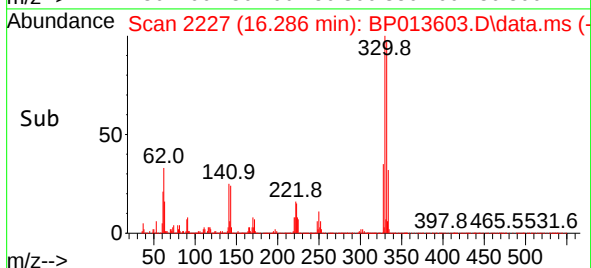
Reviewed By : Christian Giraldo 01/27/2023
Supervised By : Jagrut Upadhyay 01/27/2023

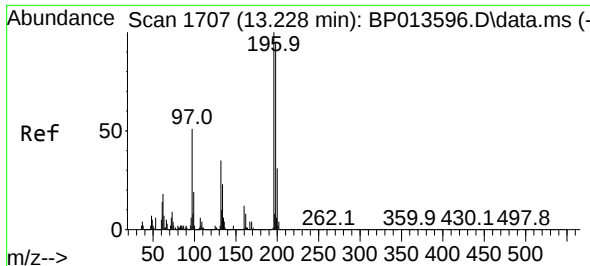


#42
2,4,6-Tribromophenol
Concen: 117.681 ng
RT: 16.286 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



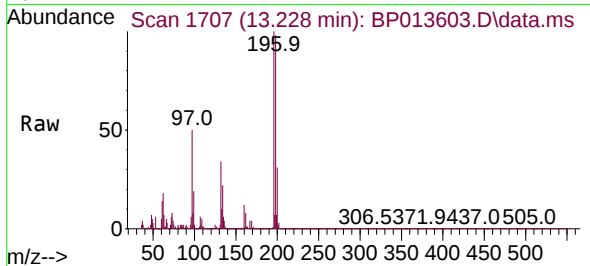
Tgt Ion: 330 Resp: 1245955
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 27.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 40.072 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

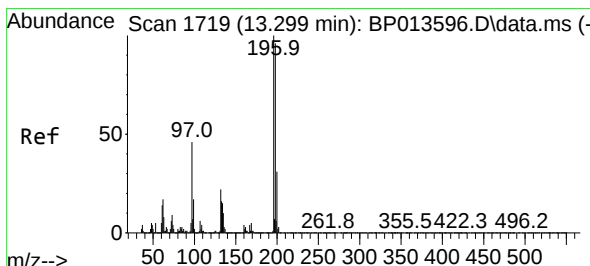
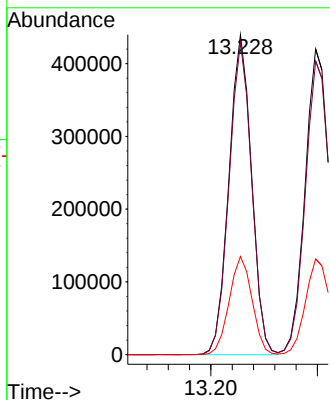
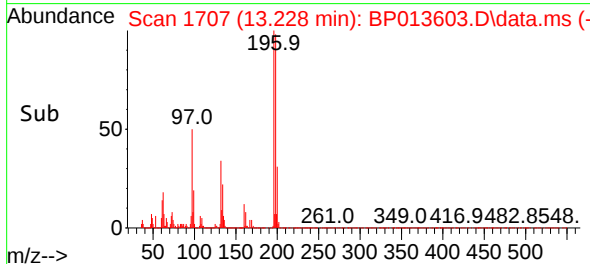
Instrument :
BNA_P
ClientSampleId :
PB150420BS



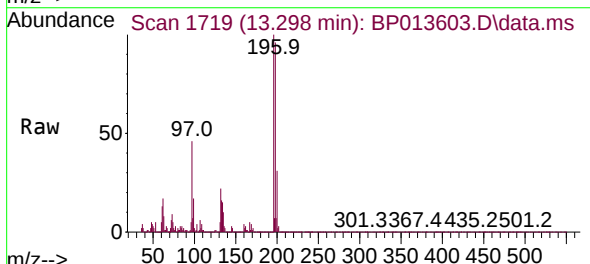
Tgt Ion:196 Resp: 649590
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.4
200 30.7 24.8 37.2

Manual Integrations
APPROVED

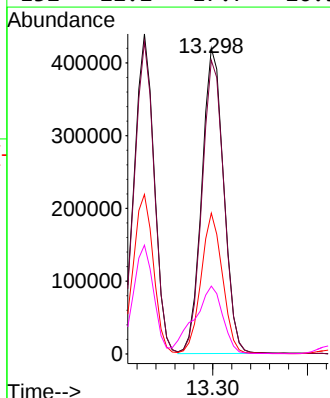
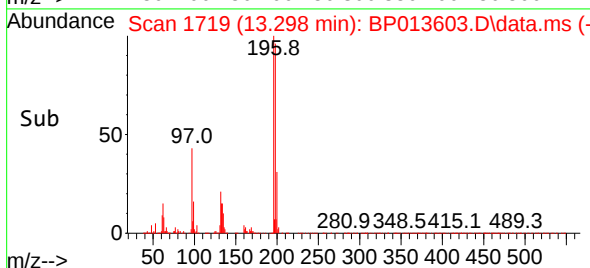
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

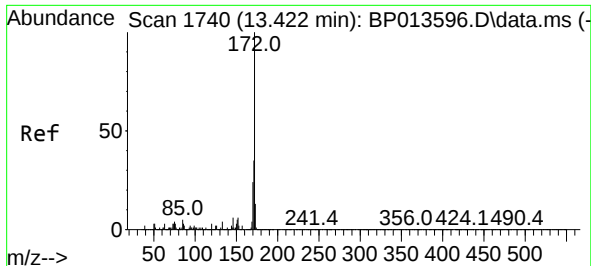


#44
2,4,5-Trichlorophenol
Concen: 35.577 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



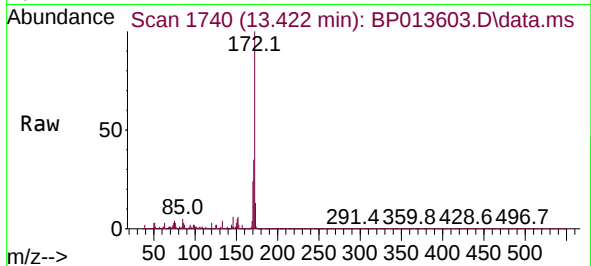
Tgt Ion:196 Resp: 674460
Ion Ratio Lower Upper
196 100
198 96.0 76.9 115.3
97 46.0 36.8 55.2
132 22.2 17.7 26.5





#45
2-Fluorobiphenyl
Concen: 73.227 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

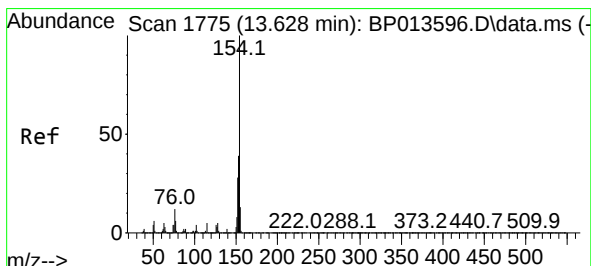
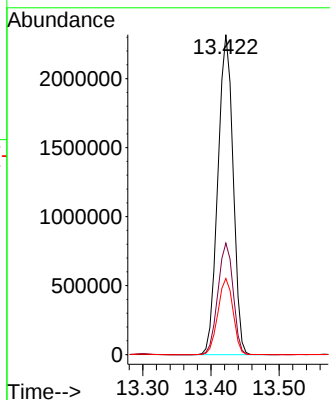
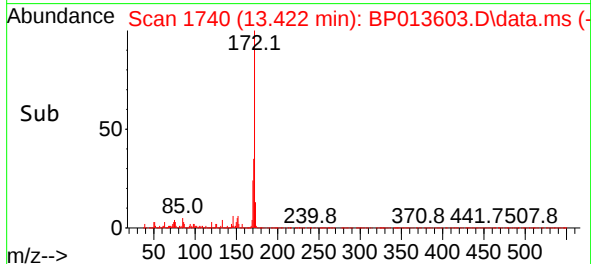
Instrument :
BNA_P
ClientSampleId :
PB150420BS



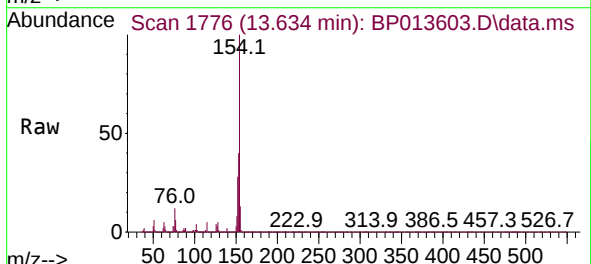
Tgt Ion:172 Resp: 3565504
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.8 19.1 28.7

Manual Integrations
APPROVED

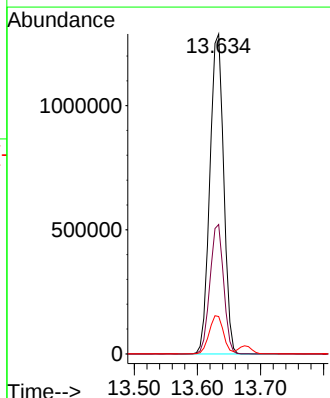
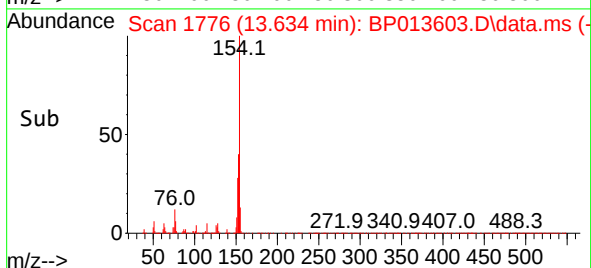
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

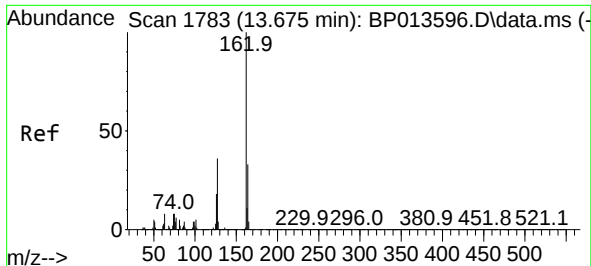


#46
1,1'-Biphenyl
Concen: 37.728 ng
RT: 13.634 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:154 Resp: 1955087
Ion Ratio Lower Upper
154 100
153 40.4 18.9 58.9
76 11.7 0.0 32.1





#47
2-Chloronaphthalene
Concen: 38.329 ng
RT: 13.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

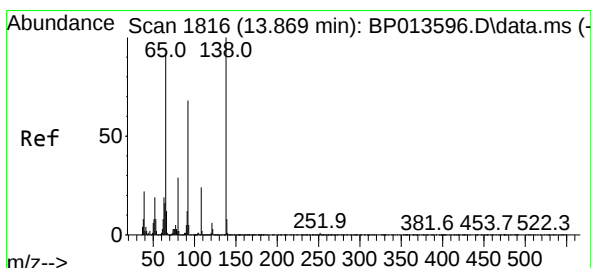
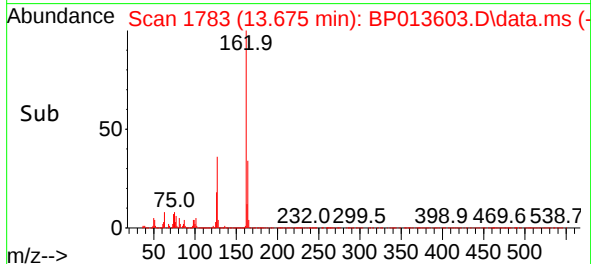
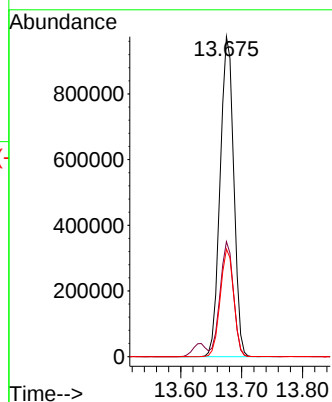
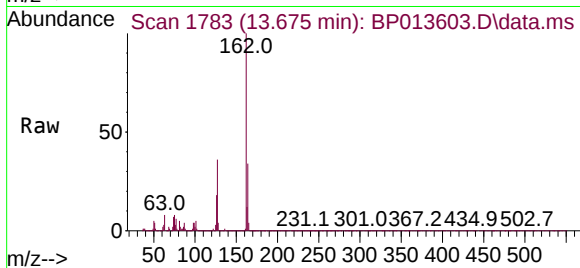
PB150420BS

Tgt Ion:162 Resp: 1515790
Ion Ratio Lower Upper
162 100
127 35.9 29.0 43.6
164 33.6 26.3 39.5

Manual Integrations

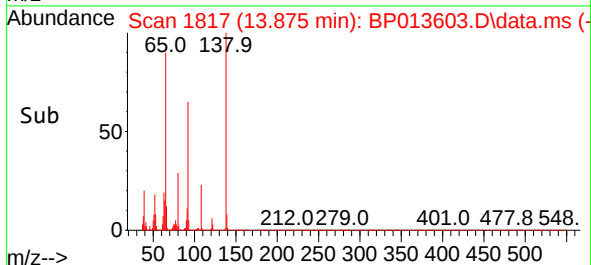
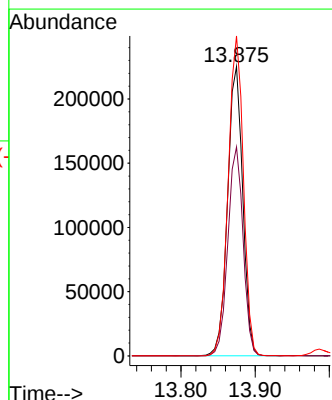
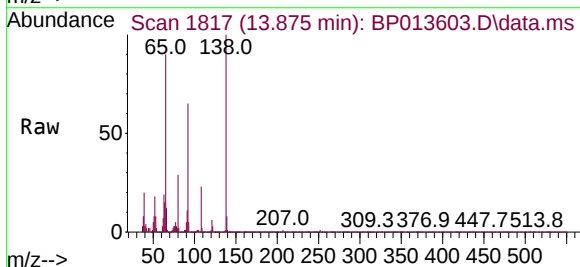
APPROVED

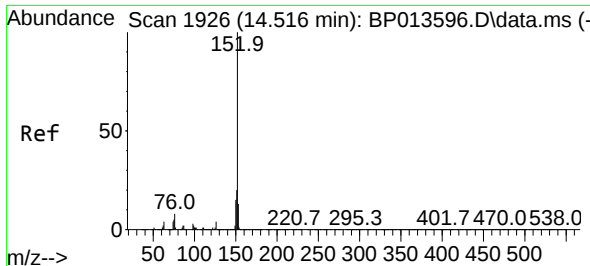
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#48
2-Nitroaniline
Concen: 34.906 ng
RT: 13.875 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

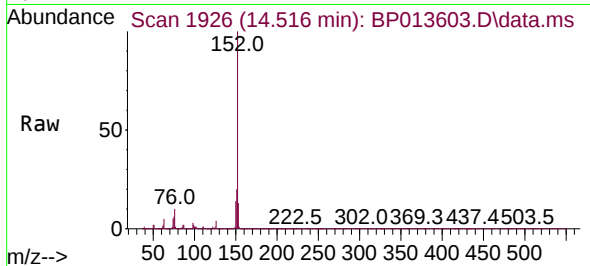
Tgt Ion: 65 Resp: 320129
Ion Ratio Lower Upper
65 100
92 72.2 59.5 89.3
138 110.6 87.1 130.7





#49
Acenaphthylene
Concen: 36.813 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

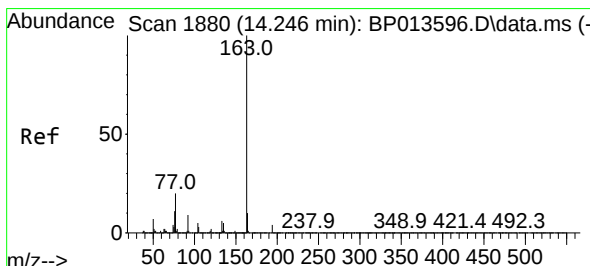
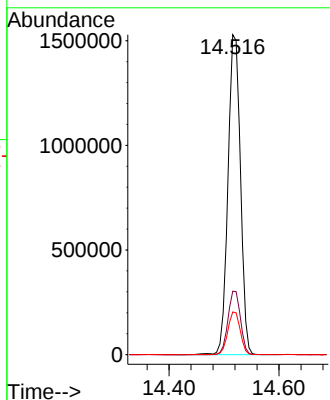
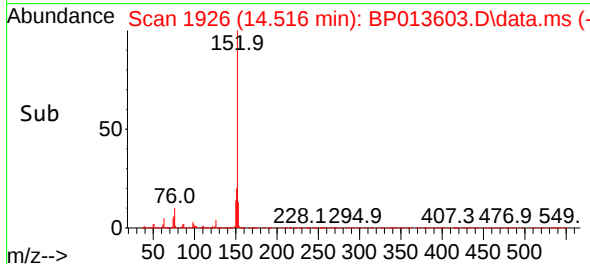
Instrument :
BNA_P
ClientSampleId :
PB150420BS



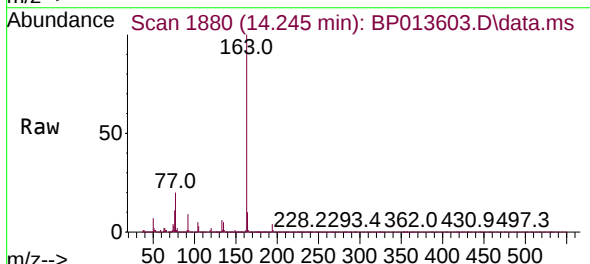
Tgt Ion:152 Resp: 2401296
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.6 16.0

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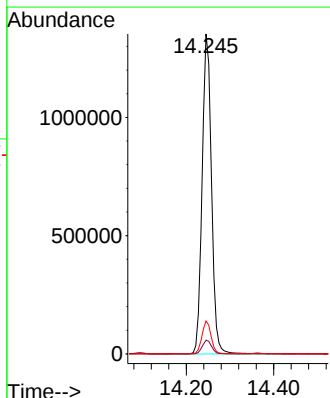
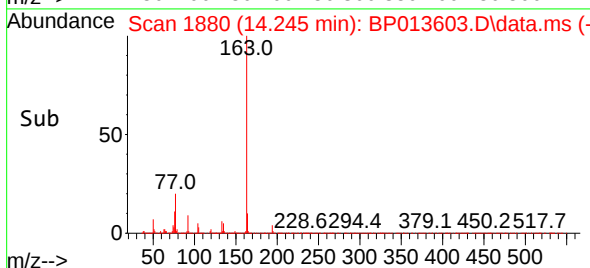
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

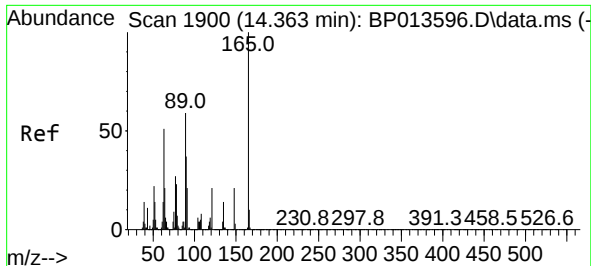


#50
Dimethylphthalate
Concen: 36.856 ng
RT: 14.245 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



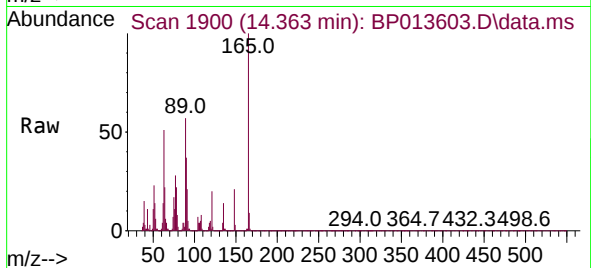
Tgt Ion:163 Resp: 1990784
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.567 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

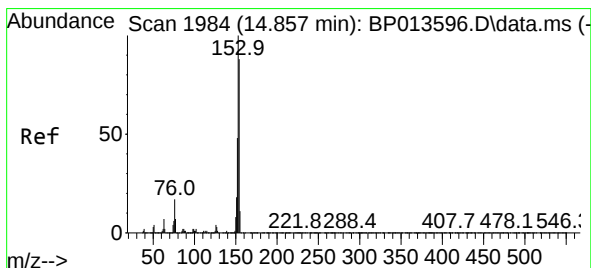
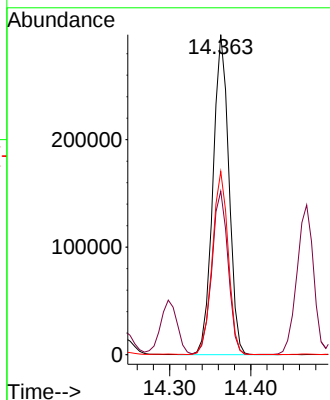
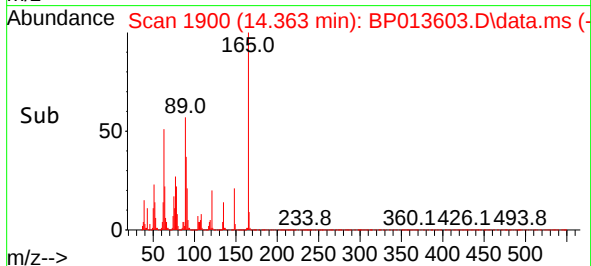
Instrument :
BNA_P
ClientSampleId :
PB150420BS



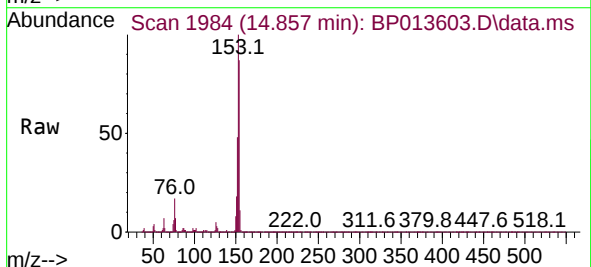
Tgt Ion:165 Resp: 40615
Ion Ratio Lower Upper
165 100
63 51.1 42.4 63.6
89 57.2 47.0 70.4

Manual Integrations
APPROVED

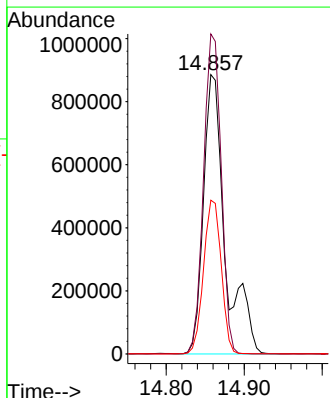
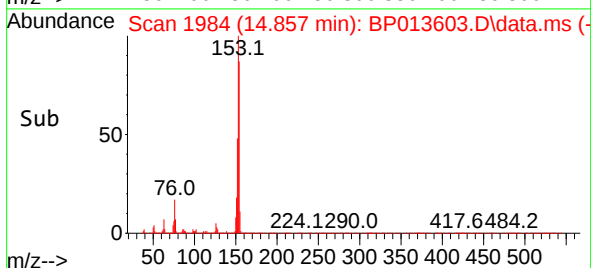
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

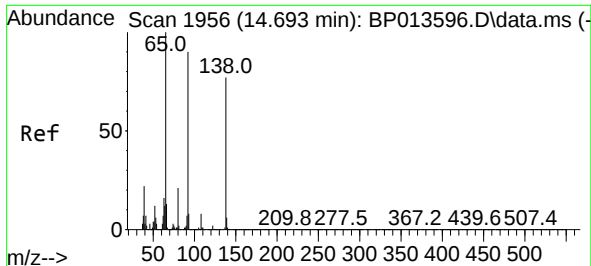


#52
Acenaphthene
Concen: 41.126 ng m
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



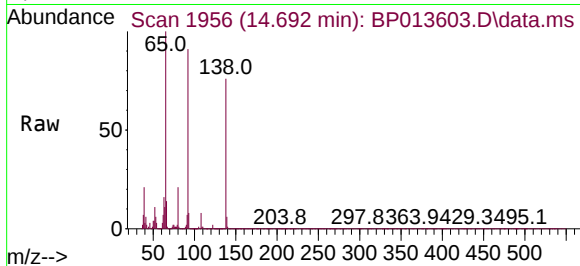
Tgt Ion:154 Resp: 1716934
Ion Ratio Lower Upper
154 100
153 114.6 91.0 136.6
152 55.0 44.0 66.0





#53
3-Nitroaniline
Concen: 33.390 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

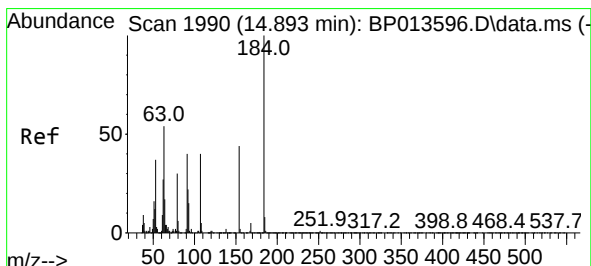
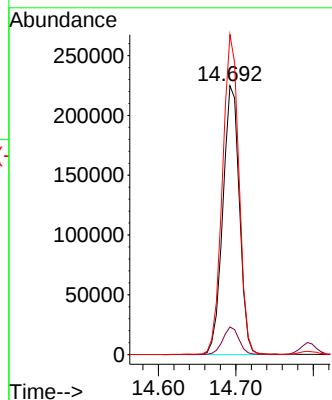
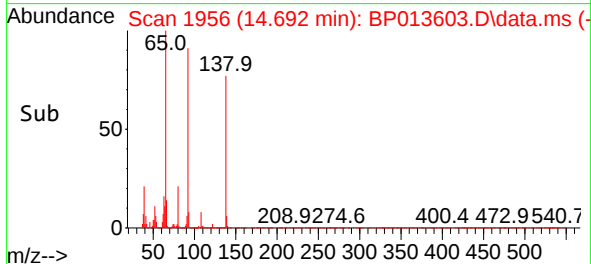
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:138 Resp: 334721
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 119.0 93.7 140.5

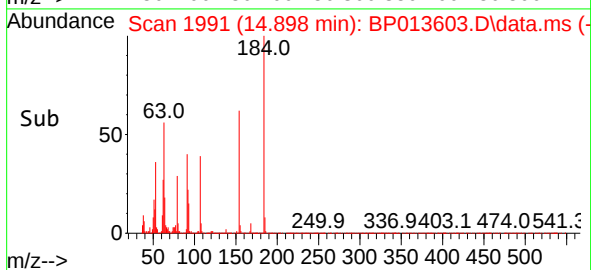
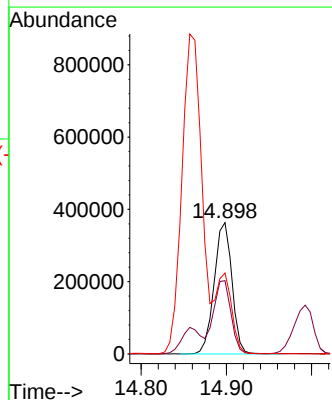
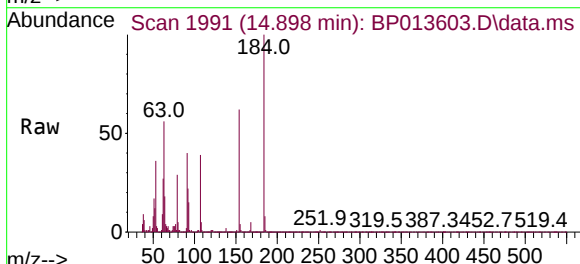
Manual Integrations
APPROVED

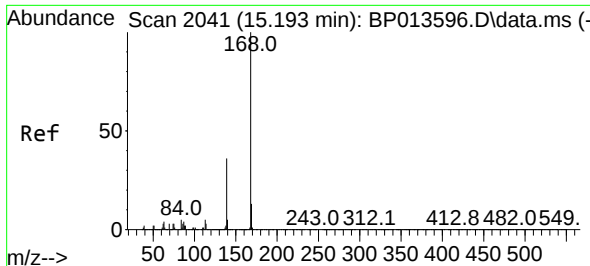
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#54
2,4-Dinitrophenol
Concen: 79.267 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

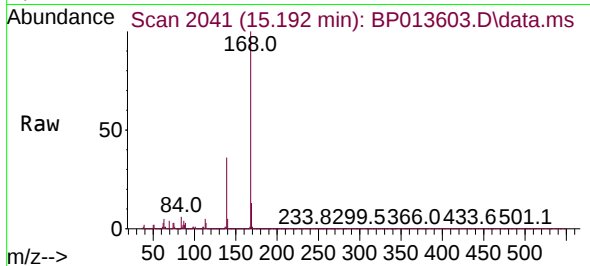
Tgt Ion:184 Resp: 526124
Ion Ratio Lower Upper
184 100
63 55.7 44.4 66.6
154 61.6 49.0 73.6





#55
Dibenzofuran
Concen: 36.267 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

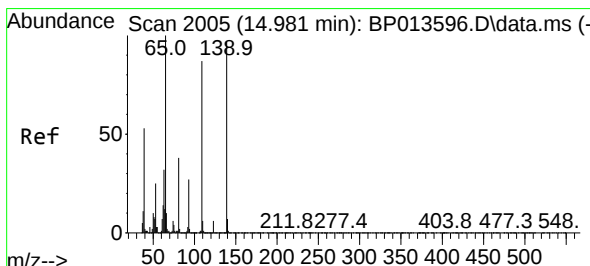
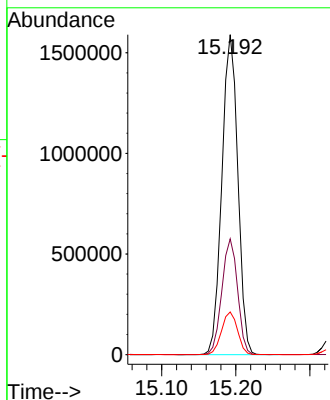
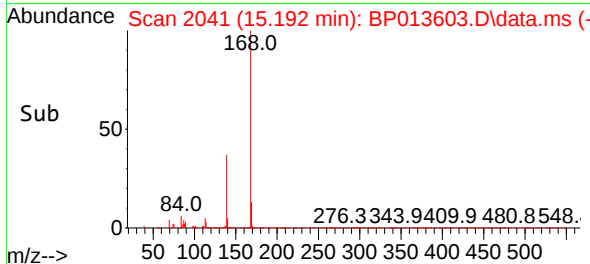
Instrument :
BNA_P
ClientSampleId :
PB150420BS



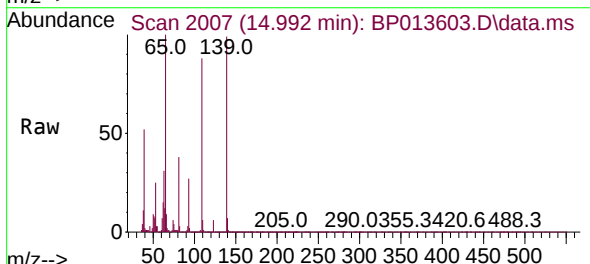
Tgt Ion:168 Resp: 237132
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.4
169 13.3 10.6 15.8

Manual Integrations
APPROVED

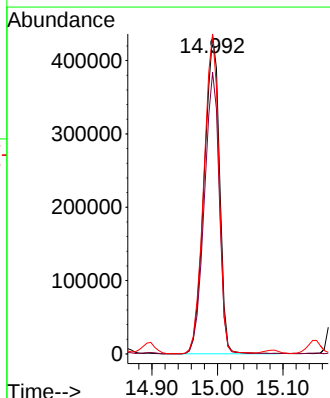
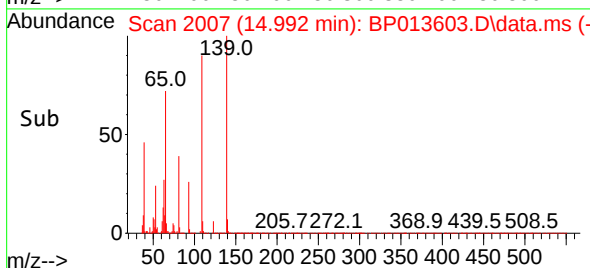
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

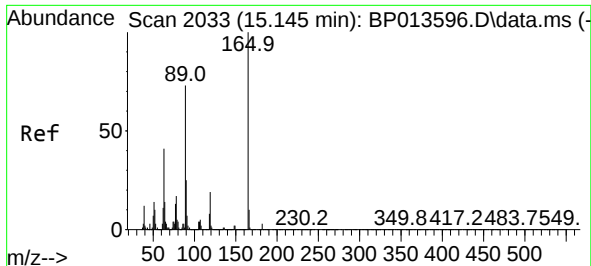


#56
4-Nitrophenol
Concen: 79.676 ng
RT: 14.992 min Scan# 2007
Delta R.T. 0.011 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



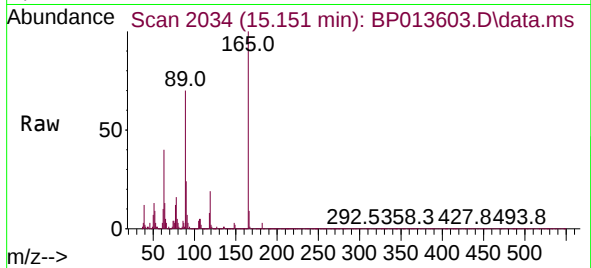
Tgt Ion:139 Resp: 701544
Ion Ratio Lower Upper
139 100
109 88.5 69.5 109.5
65 100.5 83.1 123.1





#57
2,4-Dinitrotoluene
Concen: 38.227 ng
RT: 15.151 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

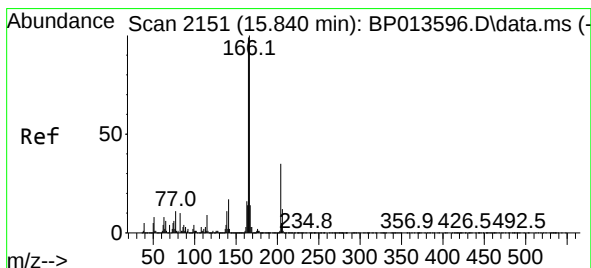
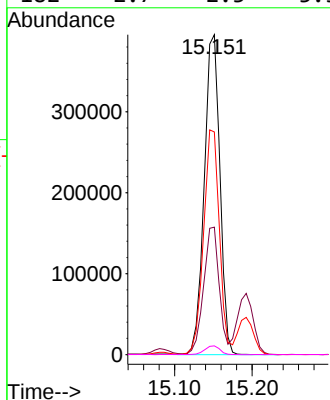
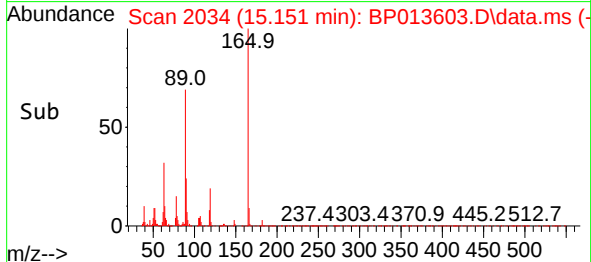
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:165 Resp: 554313
Ion Ratio Lower Upper
165 100
63 39.8 32.6 49.0
89 69.6 58.4 87.6
182 2.7 2.3 3.5

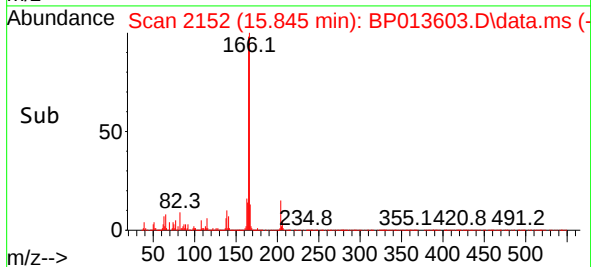
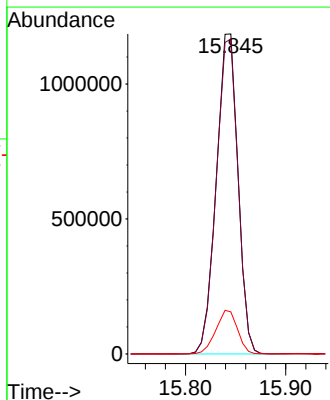
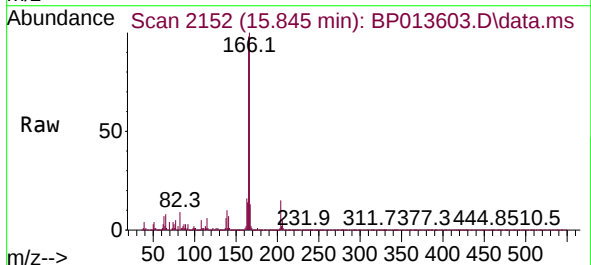
Manual Integrations
APPROVED

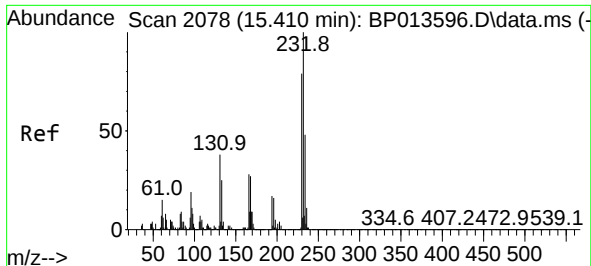
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 35.718 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:166 Resp: 1785925
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.0
167 13.1 10.9 16.3





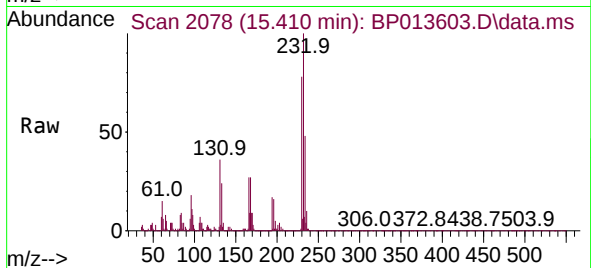
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.455 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

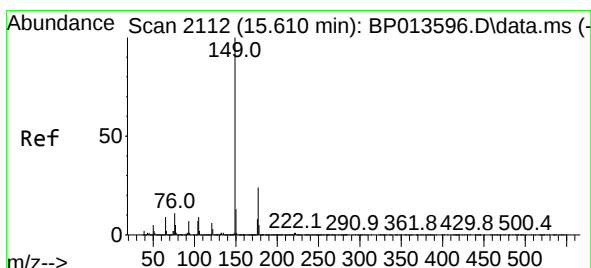
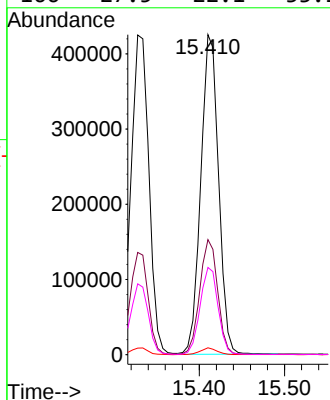
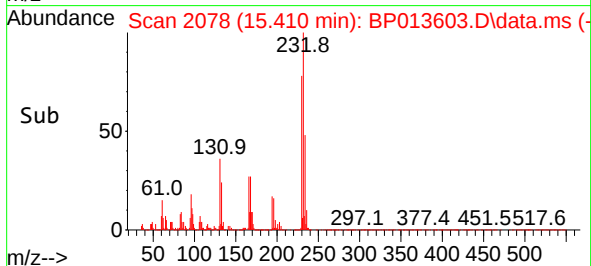


Tgt Ion:232 Resp: 61514
Ion Ratio Lower Upper
232 100
131 36.3 29.4 44.2
130 2.0 1.6 2.4
166 27.5 22.1 33.1

Manual Integrations

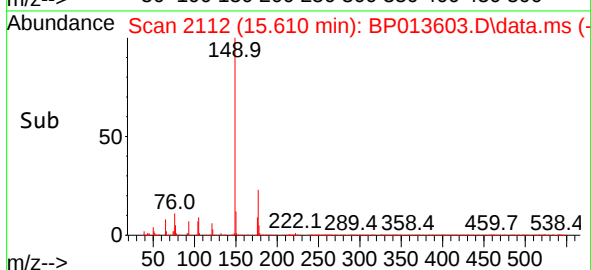
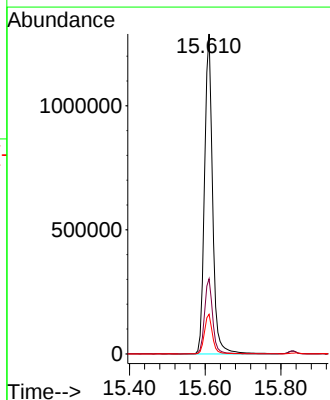
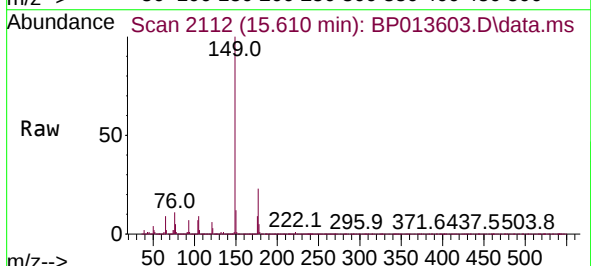
APPROVED

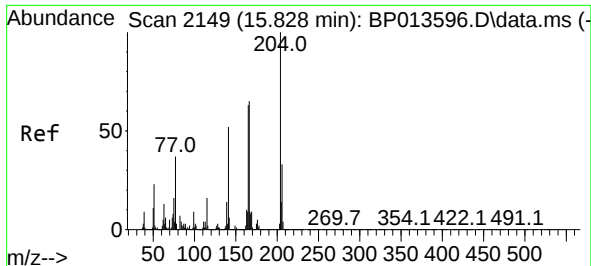
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#60
Diethylphthalate
Concen: 38.508 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

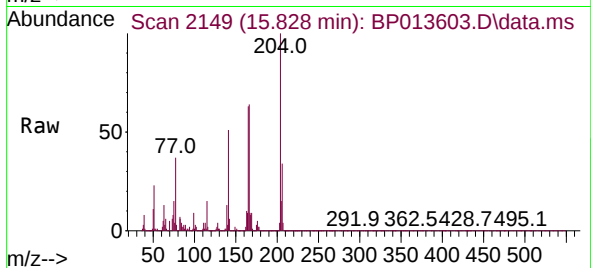
Tgt Ion:149 Resp: 1899544
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.108 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

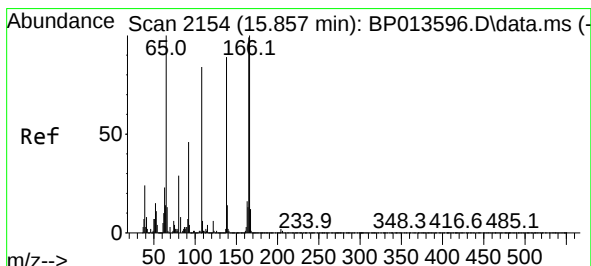
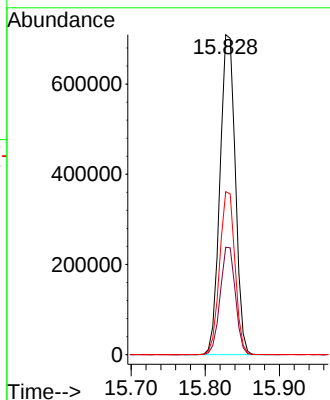
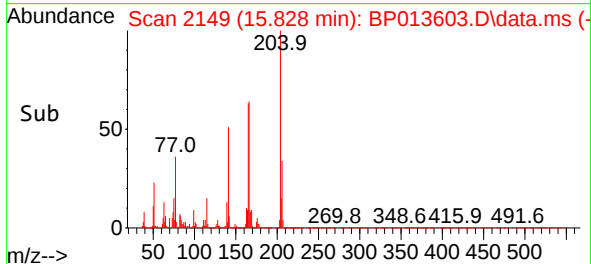
Instrument :
BNA_P
ClientSampleId :
PB150420BS



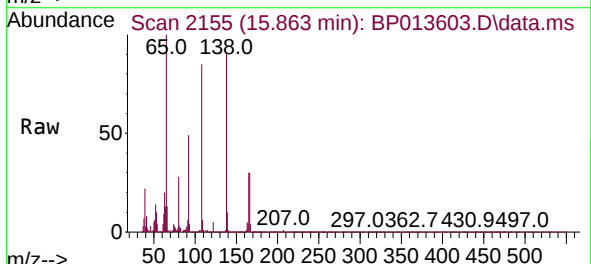
Tgt Ion:204 Resp: 1019478
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 50.9 41.7 62.5

Manual Integrations
APPROVED

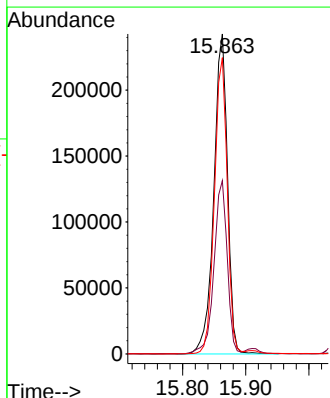
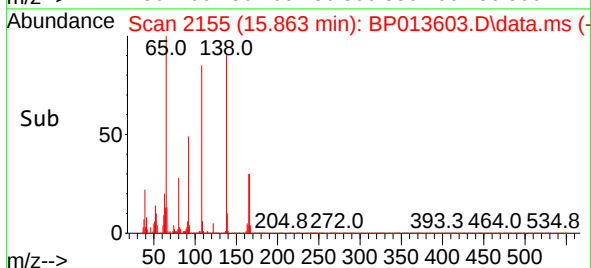
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

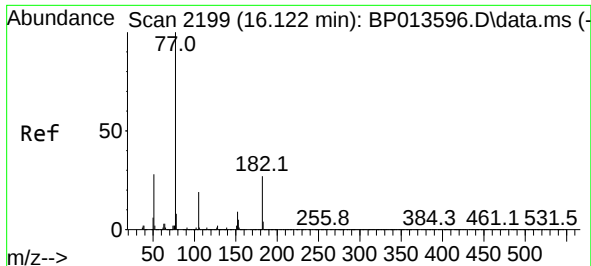


#62
4-Nitroaniline
Concen: 37.904 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



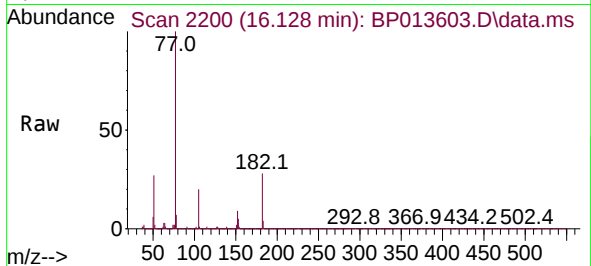
Tgt Ion:138 Resp: 365596
Ion Ratio Lower Upper
138 100
92 54.1 31.9 71.9
108 92.6 73.7 113.7





#63
Azobenzene
Concen: 35.690 ng
RT: 16.128 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

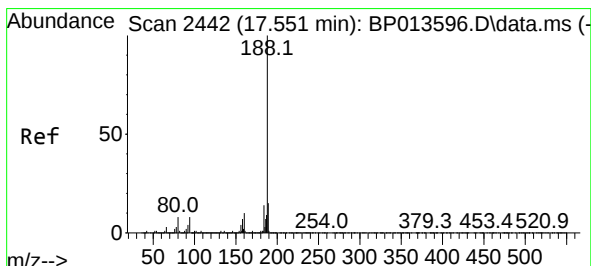
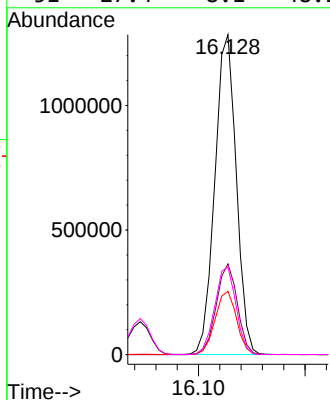
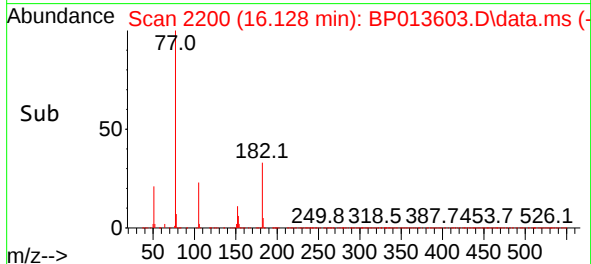
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion: 77 Resp: 1793864
Ion Ratio Lower Upper
77 100
182 28.4 7.0 47.0
105 19.8 0.0 39.2
51 27.4 8.1 48.1

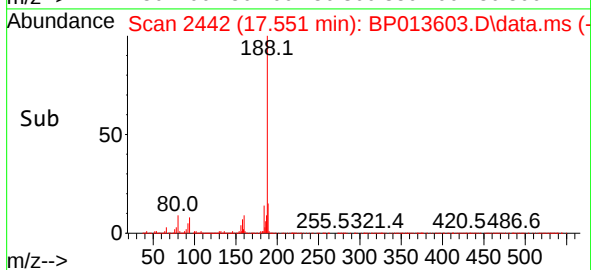
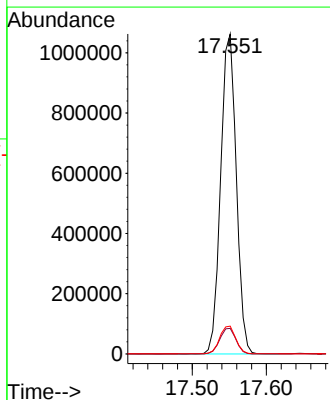
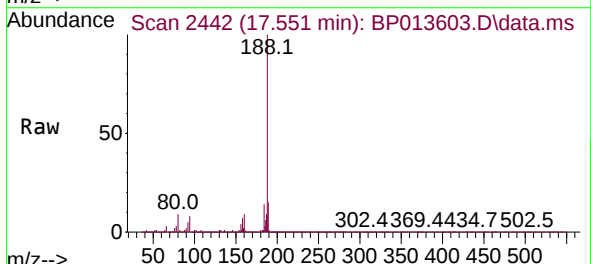
Manual Integrations
APPROVED

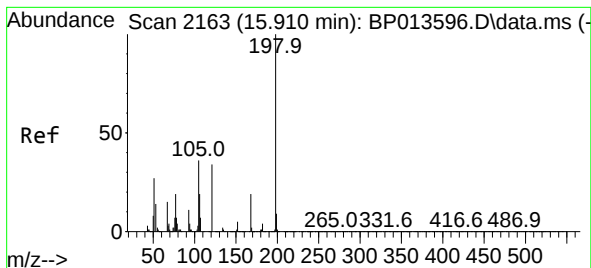
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:188 Resp: 1550275
Ion Ratio Lower Upper
188 100
94 8.0 6.1 9.1
80 8.7 6.6 10.0





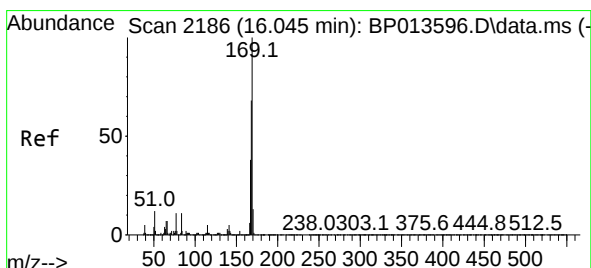
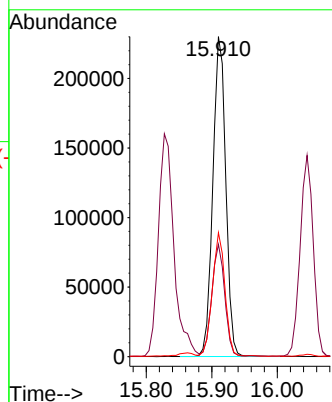
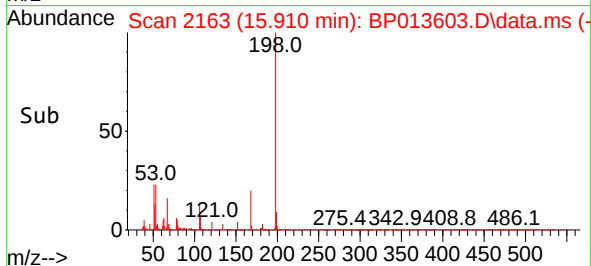
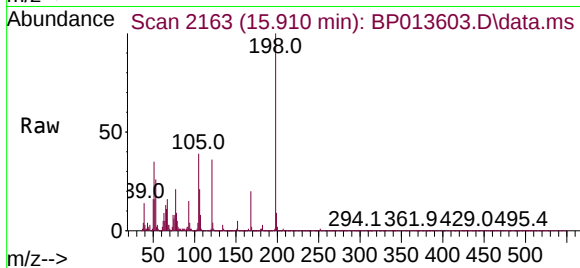
#65
4,6-Dinitro-2-methylphenol
Concen: 37.898 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :
BNA_P
ClientSampleId :
PB150420BS

Tgt Ion:198 Resp: 315908
Ion Ratio Lower Upper
198 100
51 35.1 15.0 55.0
105 38.7 17.7 57.7

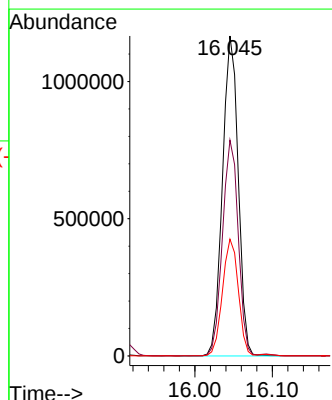
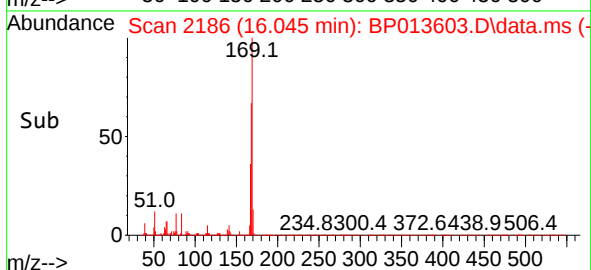
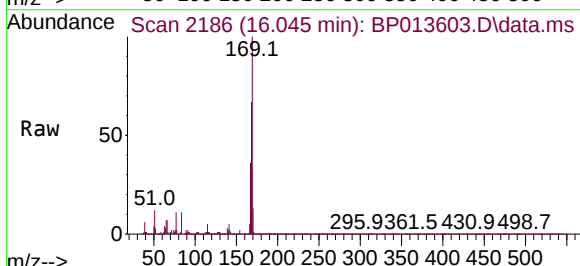
Manual Integrations
APPROVED

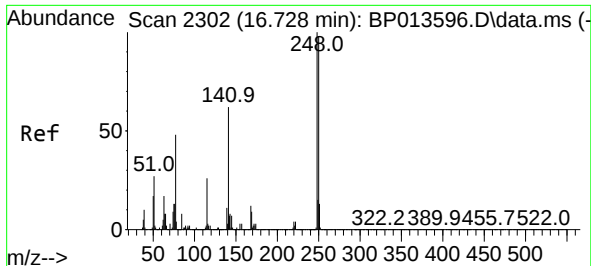
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 38.527 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:169 Resp: 1645578
Ion Ratio Lower Upper
169 100
168 67.4 54.5 81.7
167 36.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 39.469 ng
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

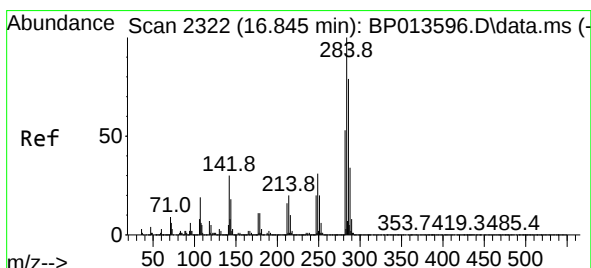
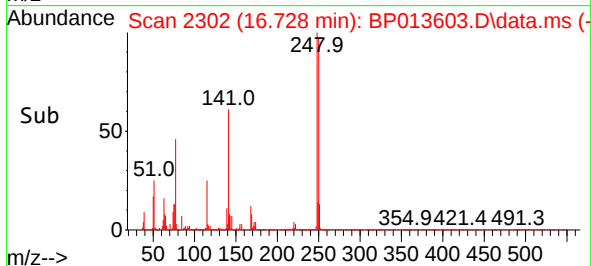
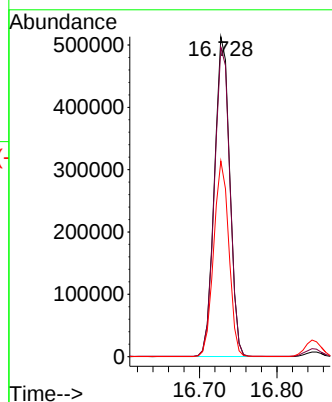
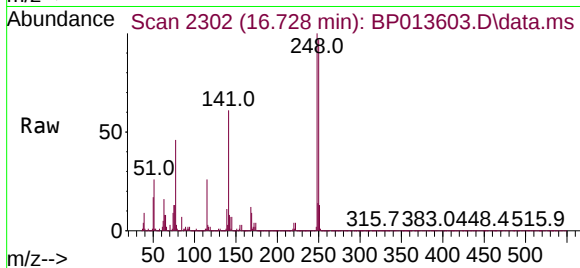
PB150420BS

Tgt Ion:248 Resp: 705275
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 61.1 49.8 74.8

Manual Integrations

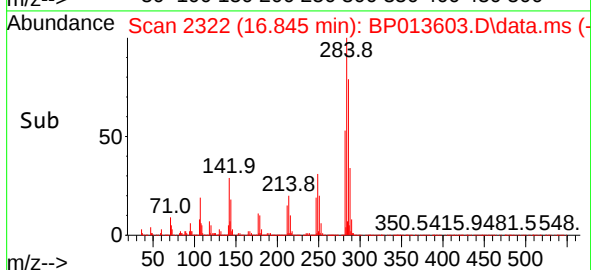
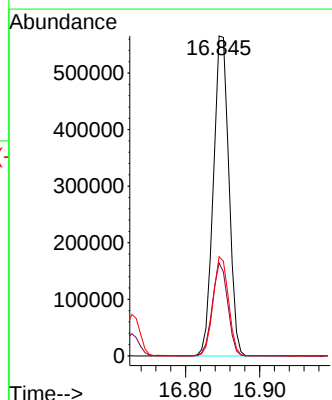
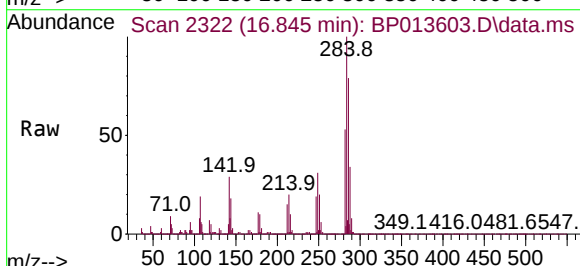
APPROVED

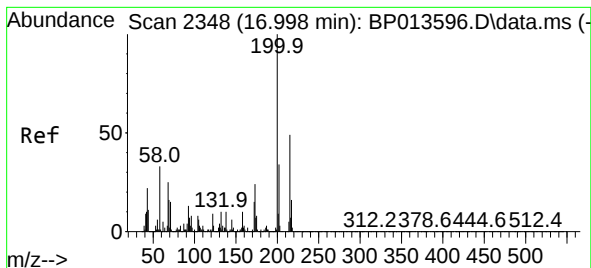
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#68
Hexachlorobenzene
Concen: 42.008 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:284 Resp: 820498
Ion Ratio Lower Upper
284 100
142 29.1 24.1 36.1
249 31.0 25.0 37.6





#69

Atrazine

Concen: 44.531 ng

RT: 16.998 min Scan# 2348

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

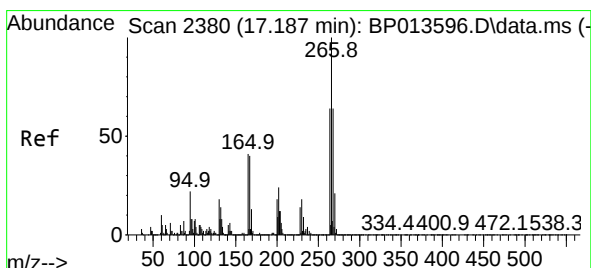
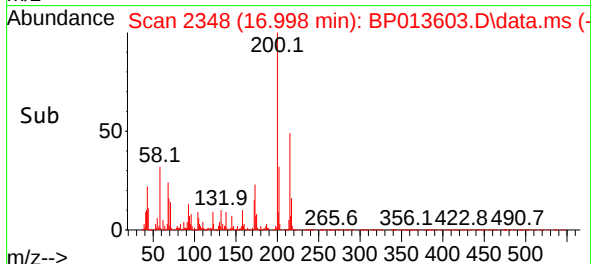
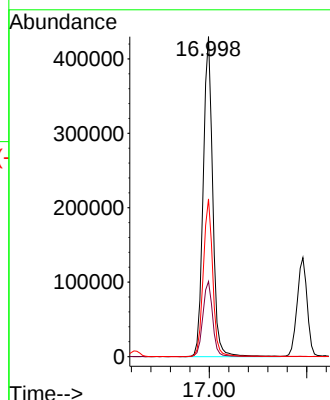
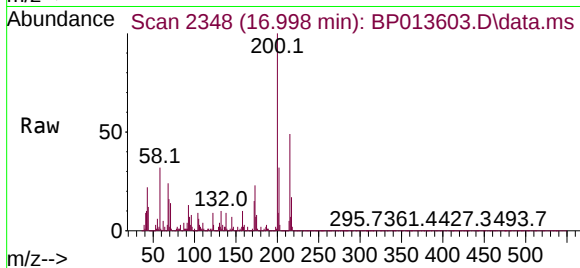
PB150420BS

Tgt Ion:	200	Resp:	58142
Ion Ratio	Lower	Upper	
200	100		
173	23.5	3.5	43.5
215	49.3	29.2	69.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 69.093 ng

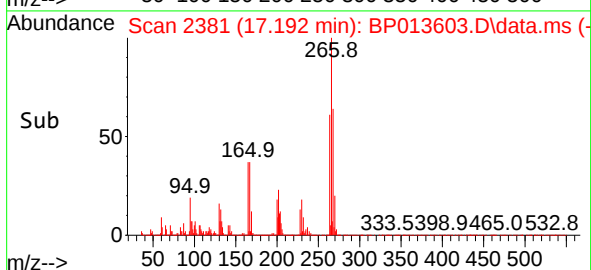
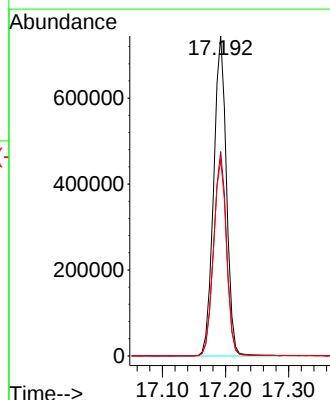
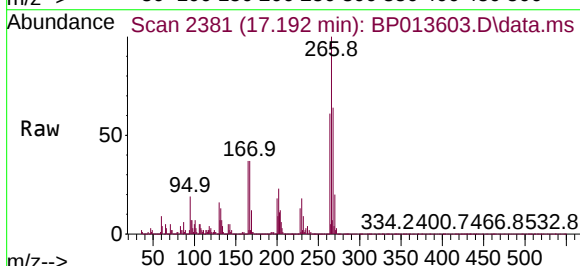
RT: 17.192 min Scan# 2381

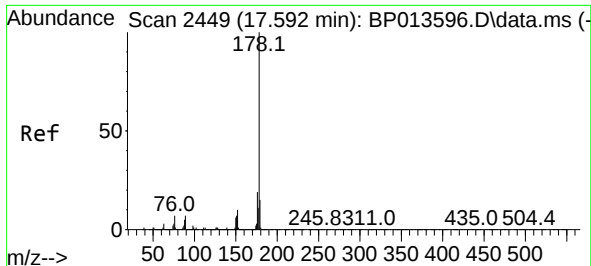
Delta R.T. 0.005 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

Tgt Ion:	266	Resp:	1048782
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.4	77.0
264	61.3	51.0	76.6





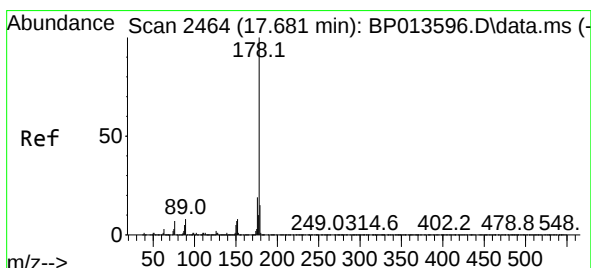
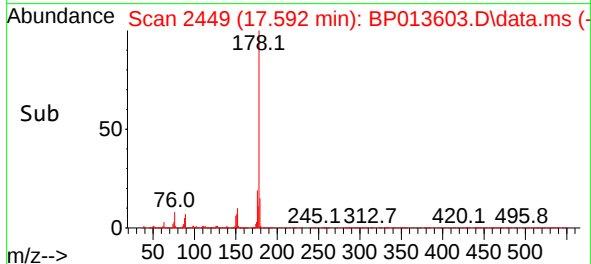
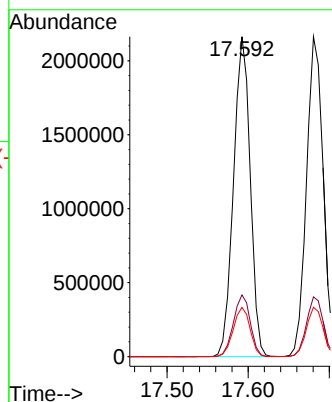
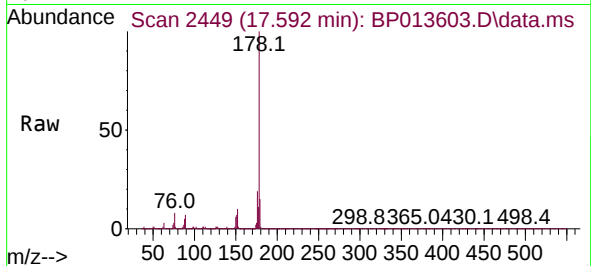
#71
Phenanthrene
Concen: 38.913 ng
RT: 17.592 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Instrument :
BNA_P
ClientSampleId :
PB150420BS

Tgt Ion:178 Resp: 3093963
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.2 18.4

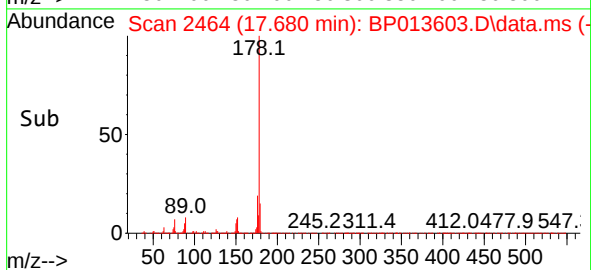
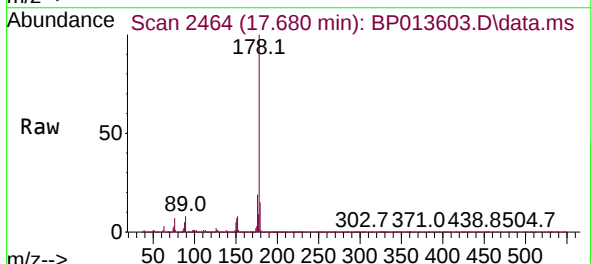
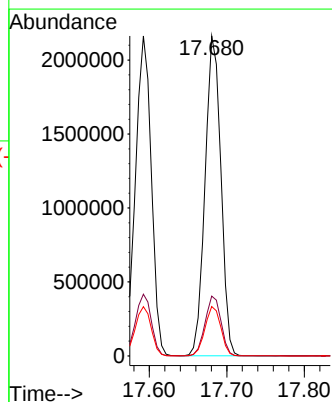
Manual Integrations
APPROVED

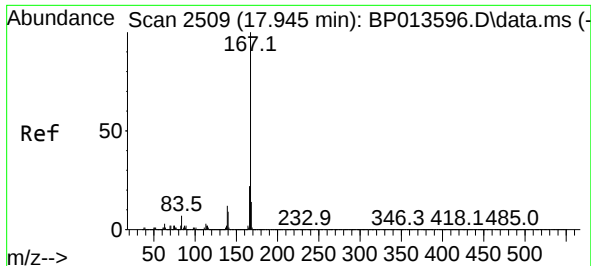
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#72
Anthracene
Concen: 38.158 ng
RT: 17.680 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

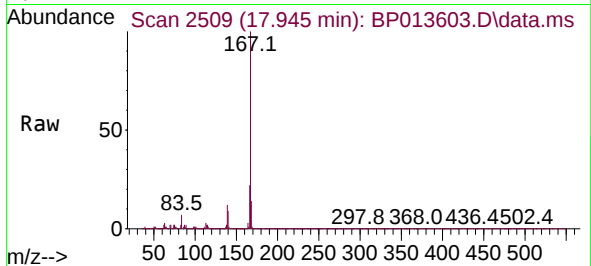
Tgt Ion:178 Resp: 3065661
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 38.898 ng
 RT: 17.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP013603.D
 Acq: 26 Jan 2023 20:02

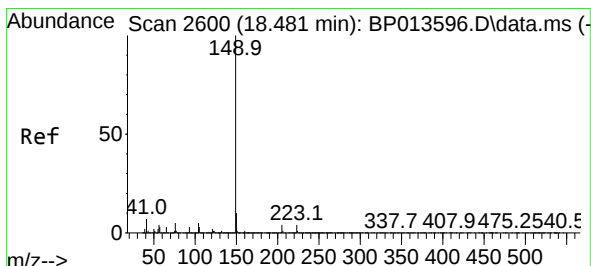
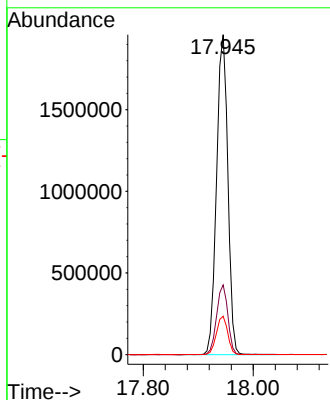
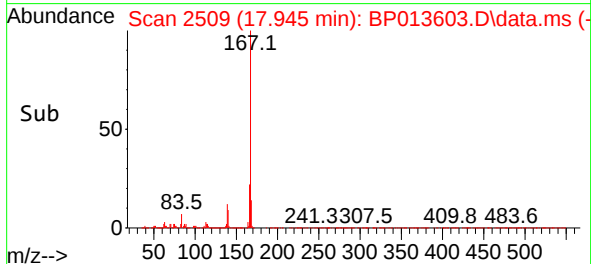
Instrument :
 BNA_P
 ClientSampleId :
 PB150420BS



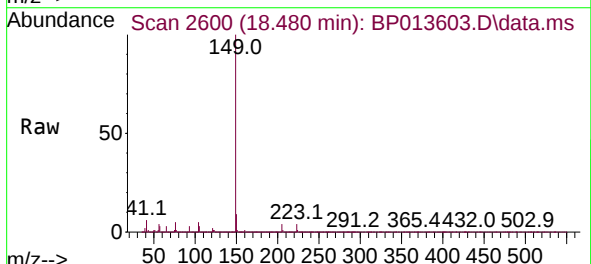
Tgt Ion:167 Resp: 2784744
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 12.0 9.8 14.6

Manual Integrations
 APPROVED

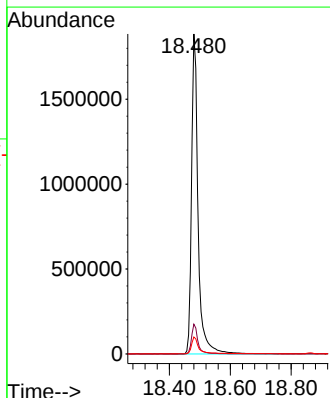
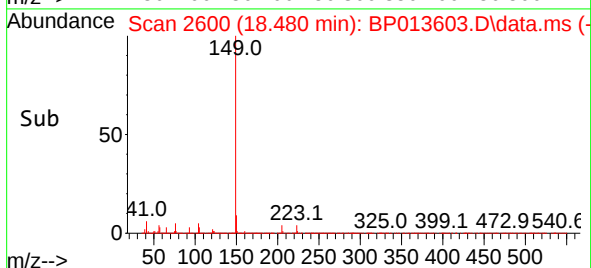
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

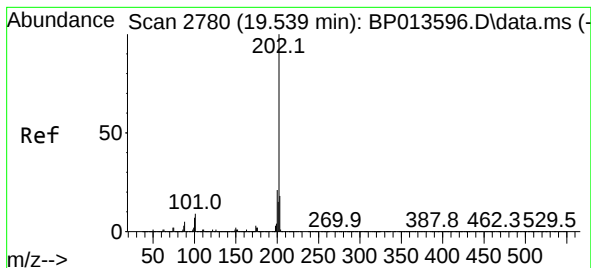


#74
 Di-n-butylphthalate
 Concen: 42.754 ng
 RT: 18.480 min Scan# 2600
 Delta R.T. -0.001 min
 Lab File: BP013603.D
 Acq: 26 Jan 2023 20:02



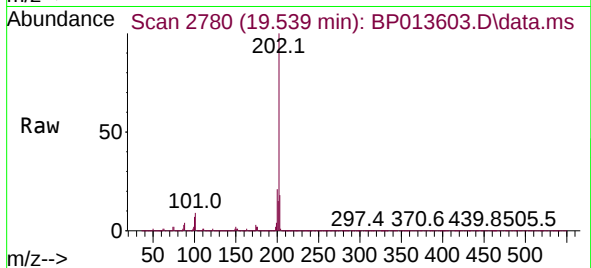
Tgt Ion:149 Resp: 2782592
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 38.120 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

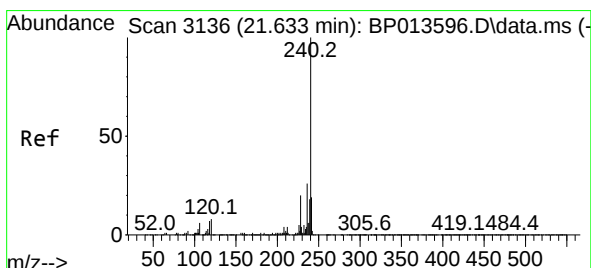
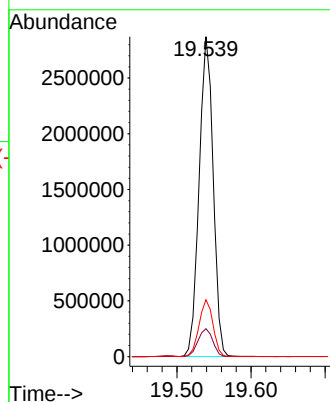
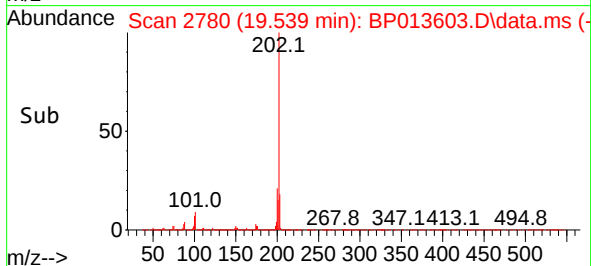
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:202 Resp: 3780349
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.8 0.0 37.6

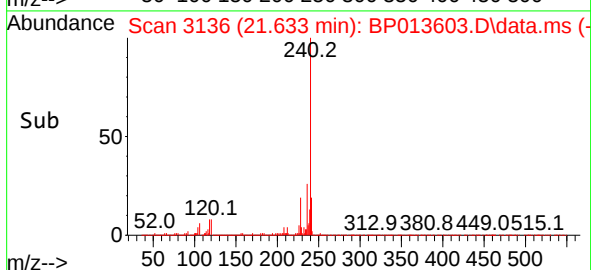
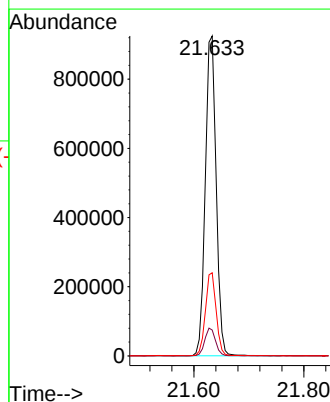
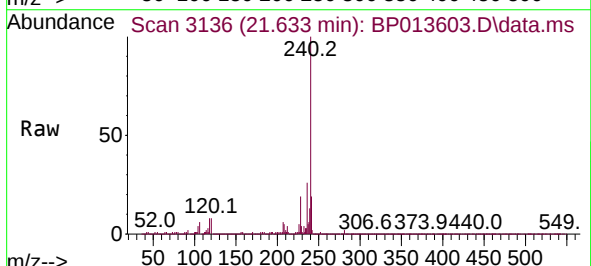
Manual Integrations
APPROVED

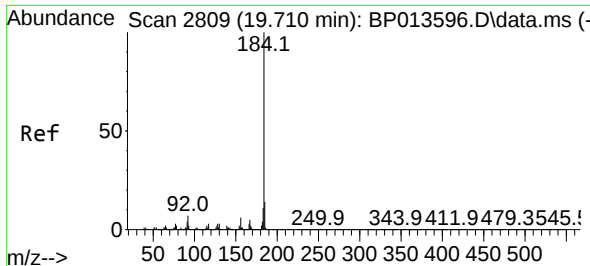
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

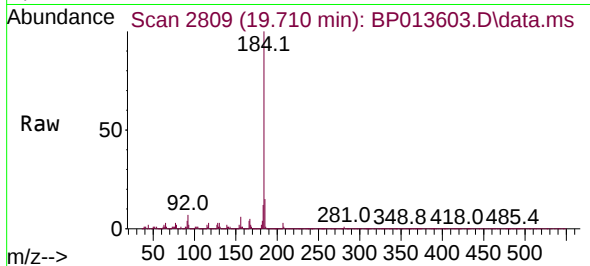
Tgt Ion:240 Resp: 1266932
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 26.0 20.7 31.1





#77
Benzidine
Concen: 45.339 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

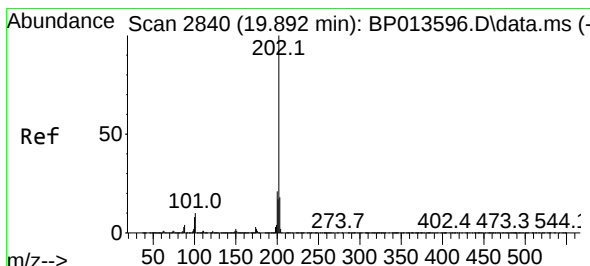
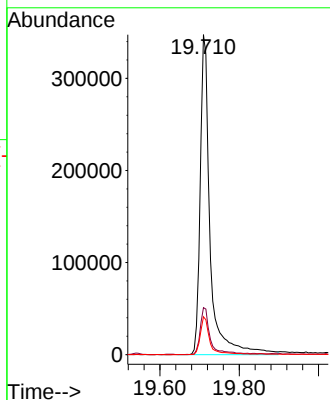
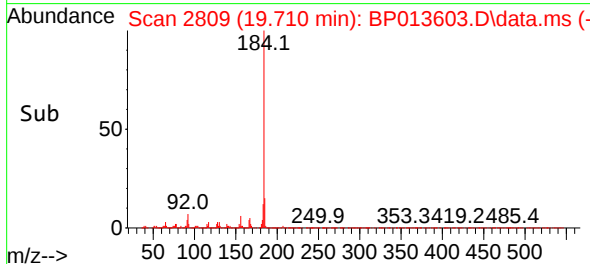
Instrument :
BNA_P
ClientSampleId :
PB150420BS



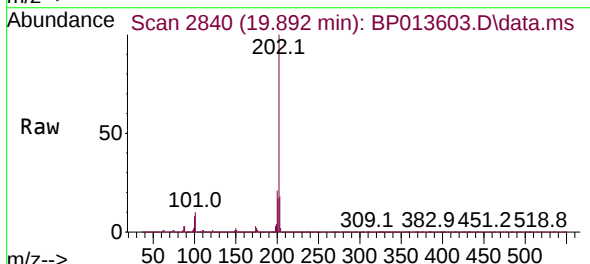
Tgt Ion:184 Resp: 602236
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.8 9.0 13.6

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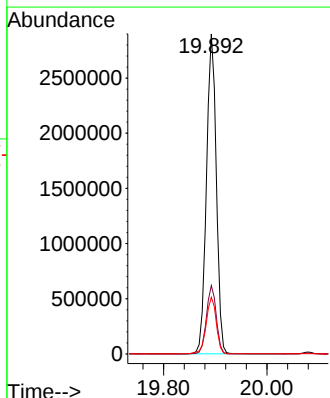
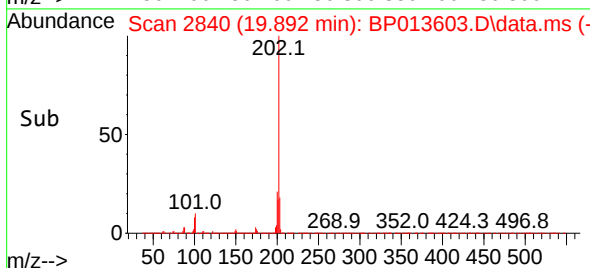
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

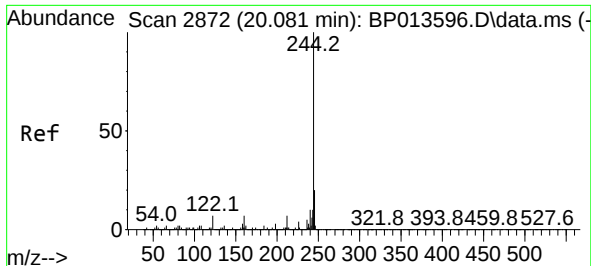


#78
Pyrene
Concen: 39.031 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:202 Resp: 3826991
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 81.622 ng
 RT: 20.080 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BP013603.D
 Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

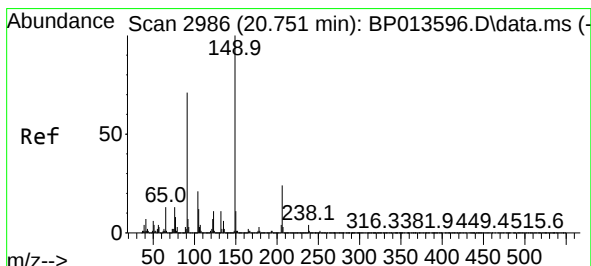
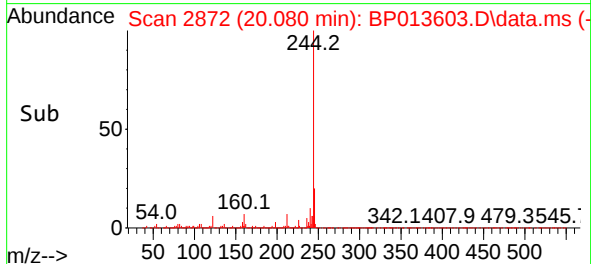
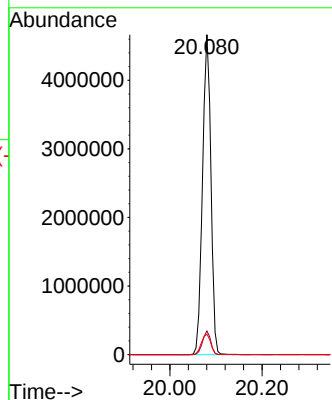
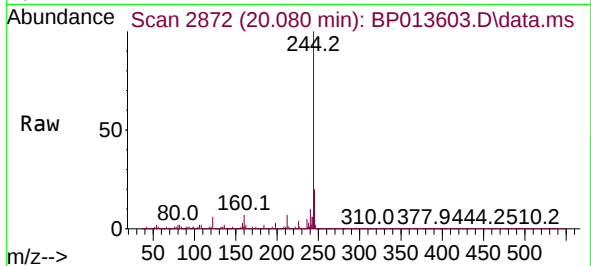
ClientSampleId :

PB150420BS

Tgt Ion:244 Resp: 586012
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 6.4 5.3 7.9

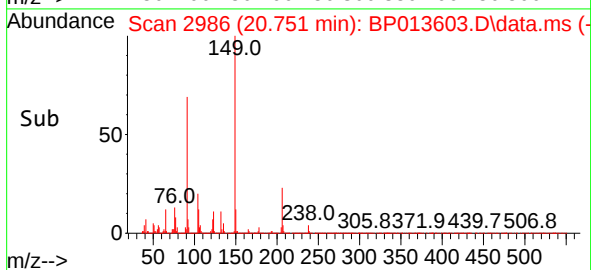
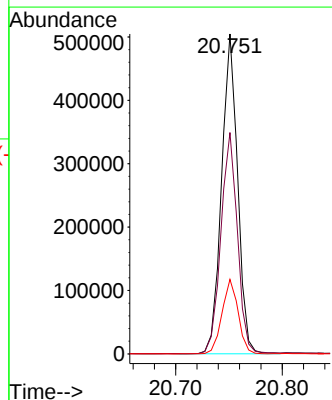
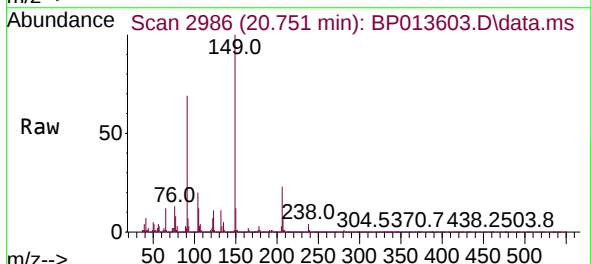
Manual Integrations
 APPROVED

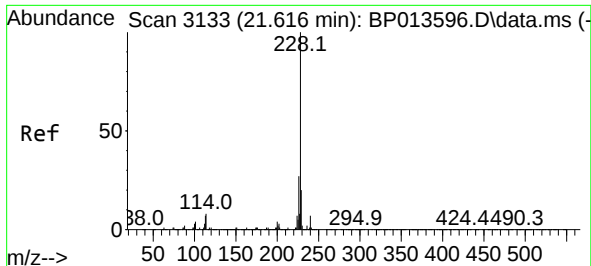
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#80
 Butylbenzylphthalate
 Concen: 40.199 ng
 RT: 20.751 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BP013603.D
 Acq: 26 Jan 2023 20:02

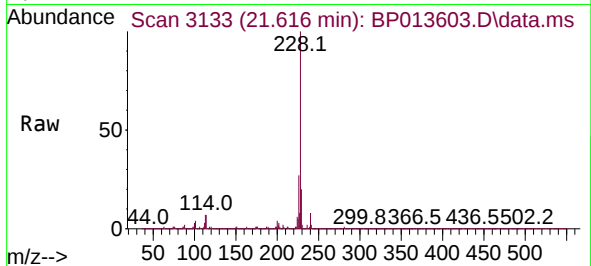
Tgt Ion:149 Resp: 528750
 Ion Ratio Lower Upper
 149 100
 91 69.2 57.0 85.6
 206 23.3 19.0 28.6





#81
Benzo(a)anthracene
Concen: 37.907 ng
RT: 21.616 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

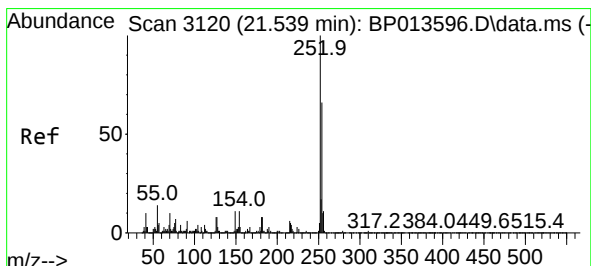
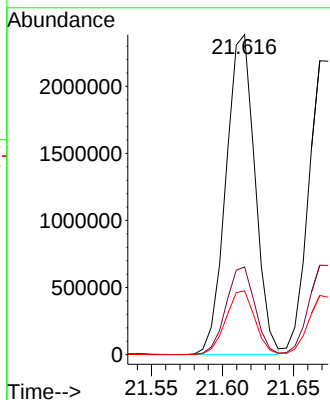
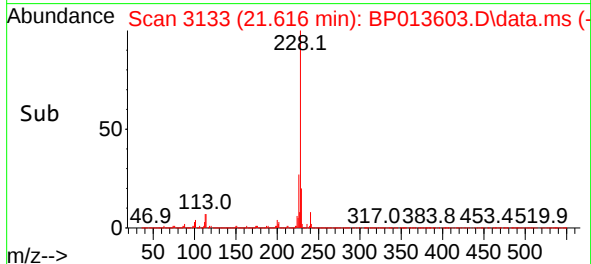
Instrument :
BNA_P
ClientSampleId :
PB150420BS



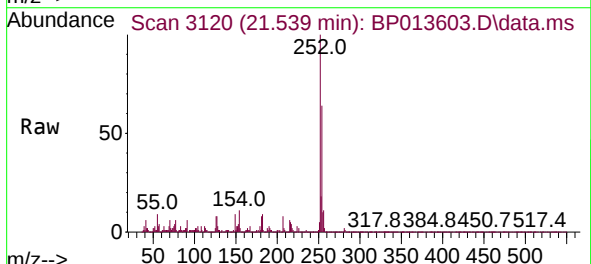
Tgt Ion:228 Resp: 3381832
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.9 15.9 23.9

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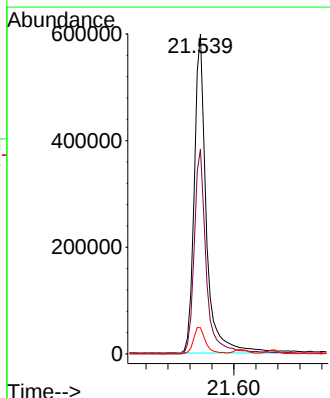
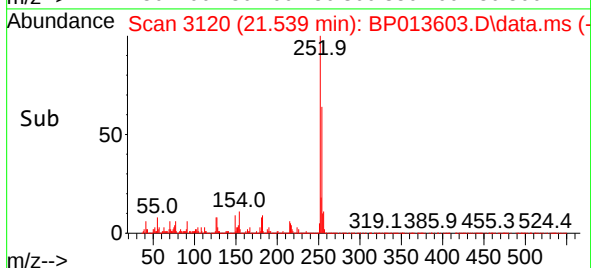
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

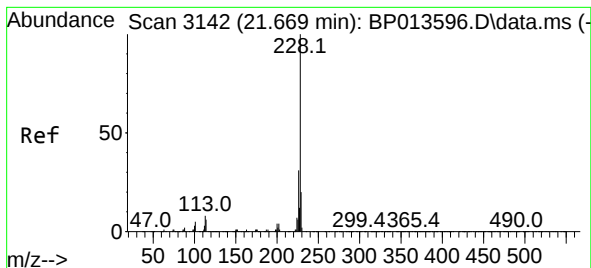


#82
3,3'-Dichlorobenzidine
Concen: 41.582 ng
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



Tgt Ion:252 Resp: 914000
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 8.2 6.2 9.4





#83

Chrysene

Concen: 37.396 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

Tgt Ion:228 Resp: 313476

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

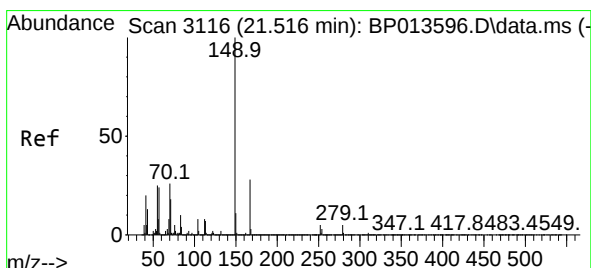
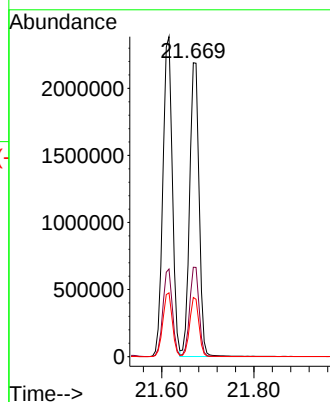
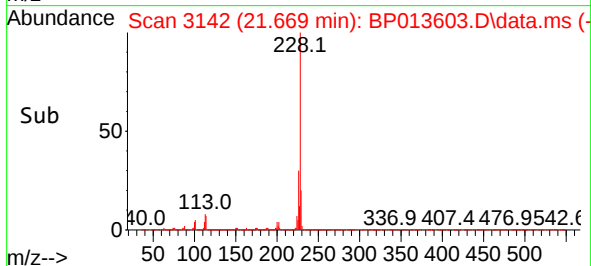
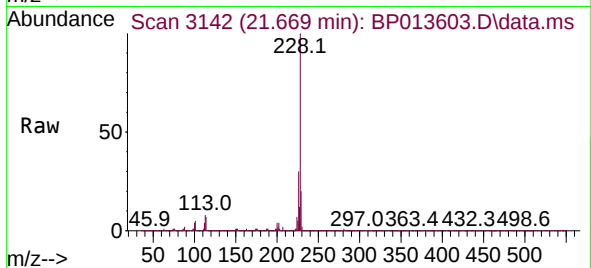
229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.096 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

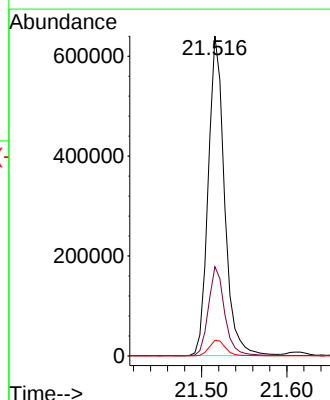
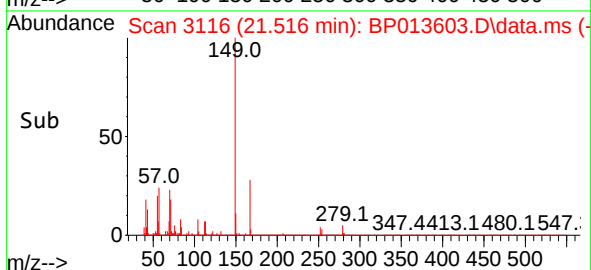
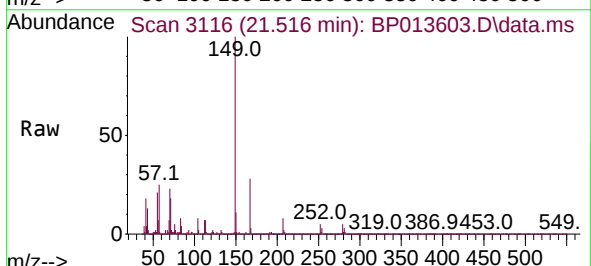
Tgt Ion:149 Resp: 851201

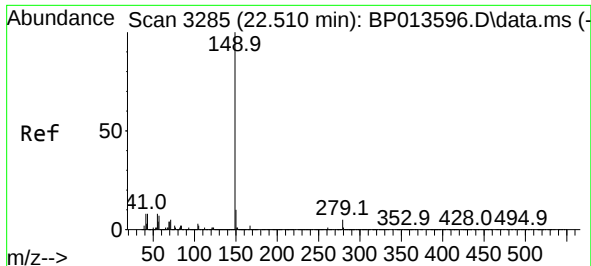
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

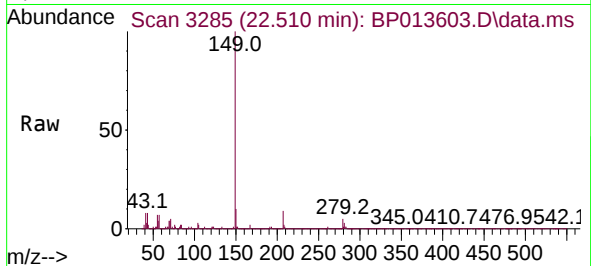
279 4.9 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 42.956 ng
RT: 22.510 min Scan# 3285
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

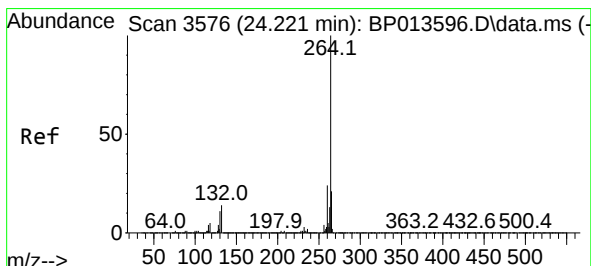
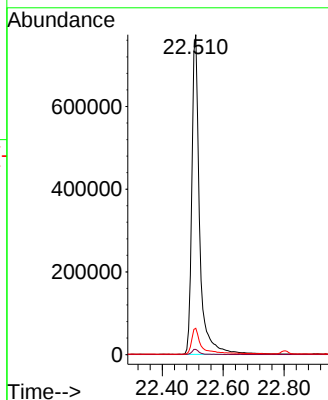
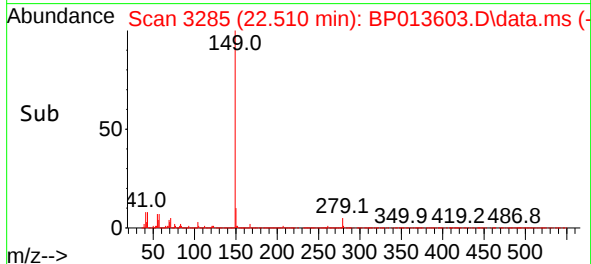
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:149 Resp: 1372610
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.6 12.8

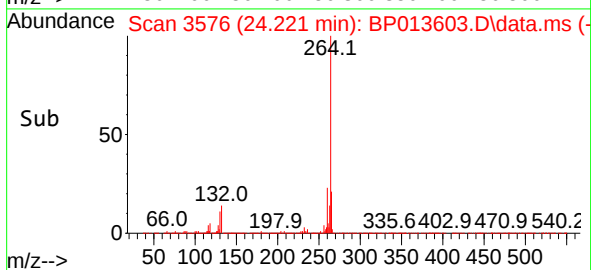
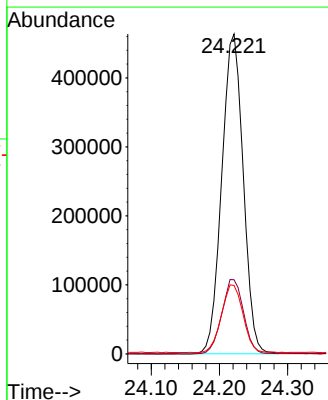
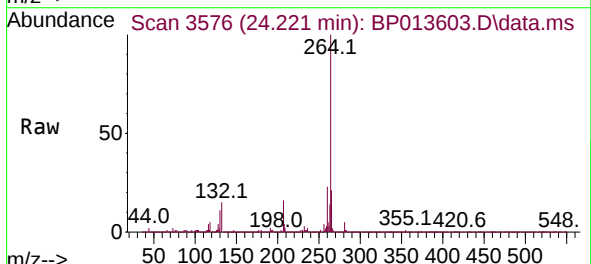
Manual Integrations
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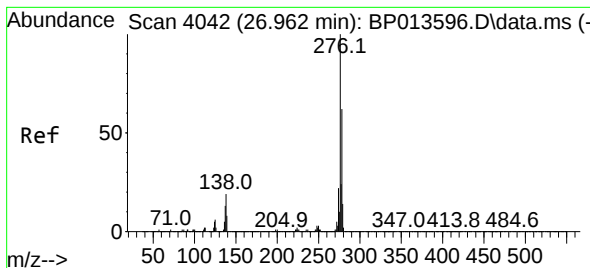
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.221 min Scan# 3576
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:264 Resp: 1011373
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.288 ng

RT: 26.962 min Scan# 4042

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

Instrument :

BNA_P

ClientSampleId :

PB150420BS

Tgt Ion:276 Resp: 329122

Ion Ratio Lower Upper

276 100

138 21.0 16.4 24.6

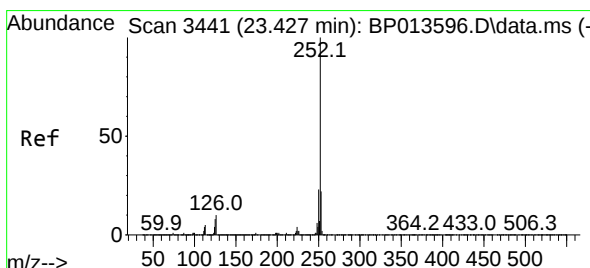
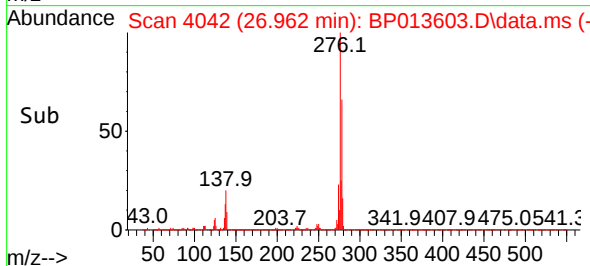
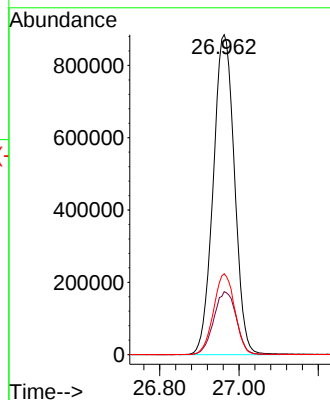
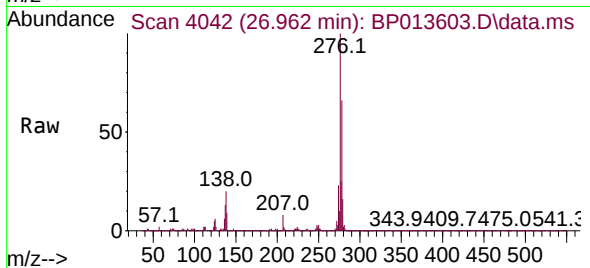
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#88

Benzo(b)fluoranthene

Concen: 47.074 ng

RT: 23.427 min Scan# 3441

Delta R.T. -0.000 min

Lab File: BP013603.D

Acq: 26 Jan 2023 20:02

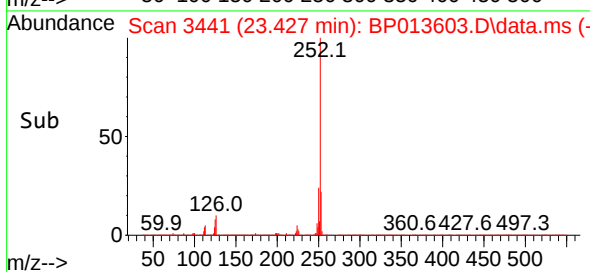
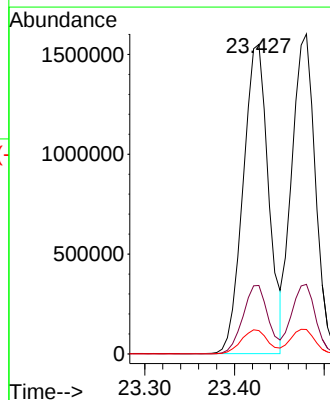
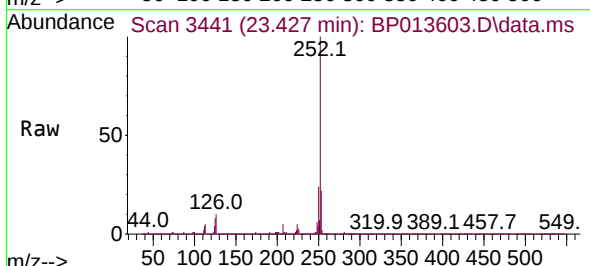
Tgt Ion:252 Resp: 3056564

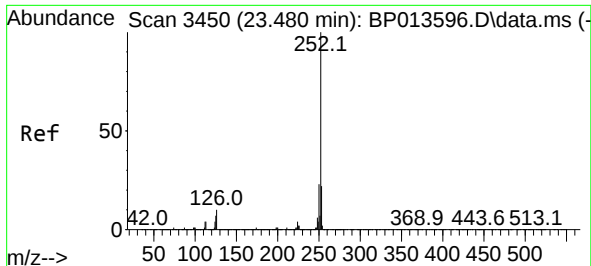
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

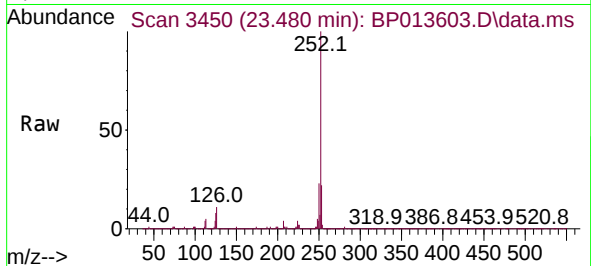
125 7.5 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 45.155 ng
RT: 23.480 min Scan# 3450
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

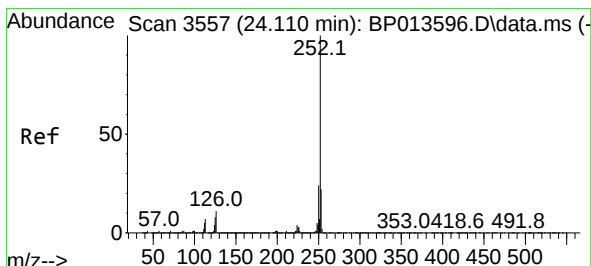
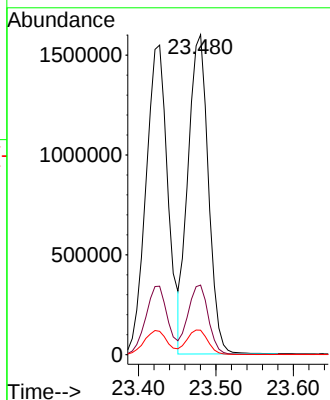
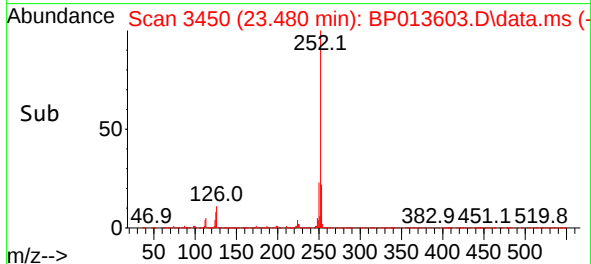
Instrument :
BNA_P
ClientSampleId :
PB150420BS



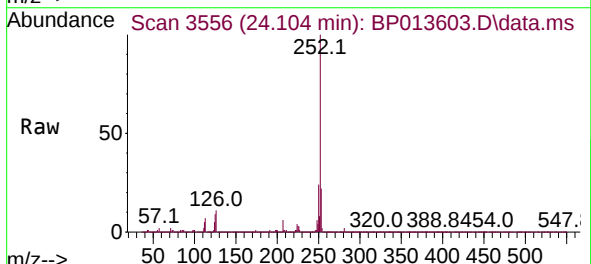
Tgt Ion:252 Resp: 2910700
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.6 5.9 8.9

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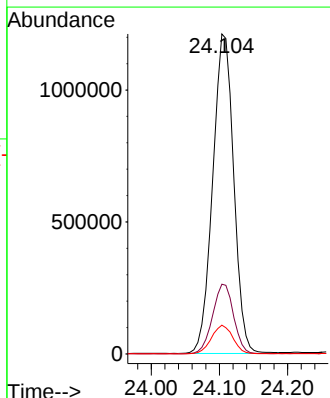
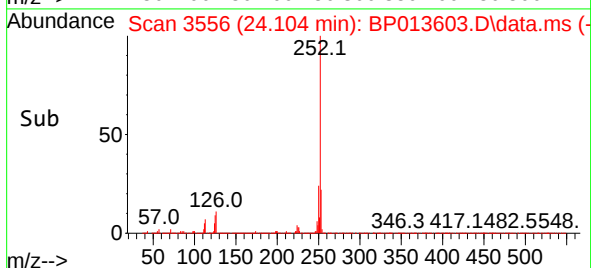
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

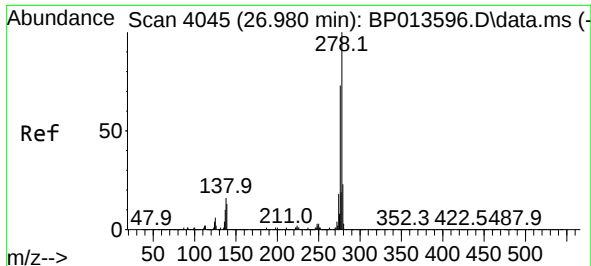


#90
Benzo(a)pyrene
Concen: 42.261 ng
RT: 24.104 min Scan# 3556
Delta R.T. -0.006 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02



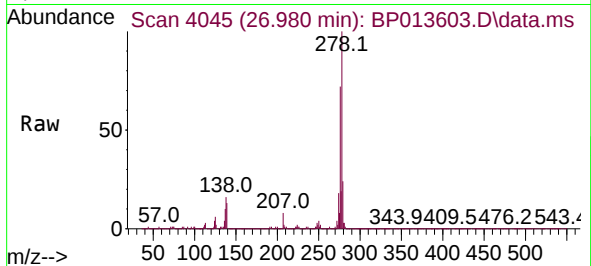
Tgt Ion:252 Resp: 2582772
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.0 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 48.912 ng
RT: 26.980 min Scan# 4045
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

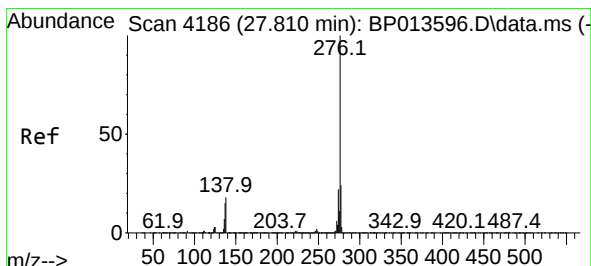
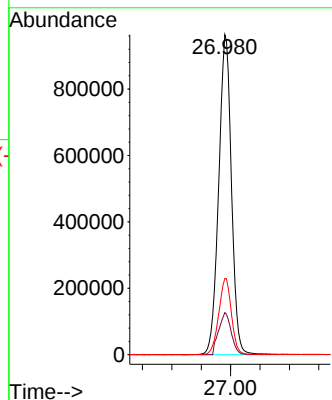
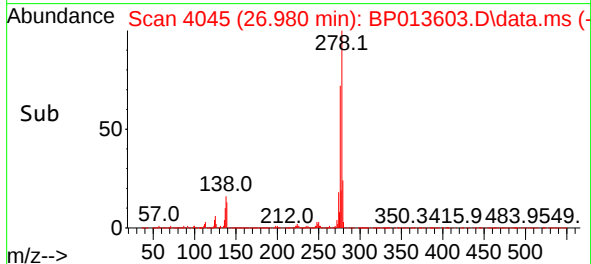
Instrument :
BNA_P
ClientSampleId :
PB150420BS



Tgt Ion:278 Resp: 2893863
Ion Ratio Lower Upper
278 100
139 13.1 10.6 15.8
279 23.8 18.7 28.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.210 ng
RT: 27.809 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BP013603.D
Acq: 26 Jan 2023 20:02

Tgt Ion:276 Resp: 2924960
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 18.0 14.3 21.5

