

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010594.D
 Acq On : 28 May 2022 11:22
 Operator : CG/JU
 Sample : PB145012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145012BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 23:35:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	104121	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	421630	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	271578	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	541181	20.000	ng	0.00
76) Chrysene-d12	21.345	240	467436	20.000	ng	0.00
86) Perylene-d12	23.756	264	409974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	861848	151.005	ng	0.00
7) Phenol-d6	7.046	99	1090310	134.563	ng	0.00
23) Nitrobenzene-d5	9.034	82	782736	87.770	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	434251	141.259	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1667597	87.147	ng	0.00
79) Terphenyl-d14	19.816	244	2397850	96.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	94983	39.189	ng	98
3) Pyridine	3.758	79	243305	35.845	ng	97
4) n-Nitrosodimethylamine	3.663	42	206872	49.984	ng	92
6) Aniline	7.199	93	385978	40.490	ng	99
8) 2-Chlorophenol	7.434	128	317170	49.237	ng	96
9) Benzaldehyde	7.010	77	50030m	9.383	ng	
10) Phenol	7.069	94	411776	49.144	ng	97
11) bis(2-Chloroethyl)ether	7.299	93	304597	45.867	ng	98
12) 1,3-Dichlorobenzene	7.763	146	347882	46.599	ng	97
13) 1,4-Dichlorobenzene	7.904	146	353539	46.217	ng	99
14) 1,2-Dichlorobenzene	8.222	146	337453	46.081	ng	99
15) Benzyl Alcohol	8.116	79	314553m	48.428	ng	
16) 2,2'-oxybis(1-Chloropr...	8.404	45	551803	44.444	ng	99
17) 2-Methylphenol	8.316	107	269875	47.992	ng	98
18) Hexachloroethane	8.951	117	137528	46.478	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	263394	44.569	ng	95
20) 3+4-Methylphenols	8.646	107	365978	47.346	ng	98
22) Acetophenone	8.698	105	492626	44.802	ng	# 98
24) Nitrobenzene	9.075	77	405241	44.978	ng	99
25) Isophorone	9.604	82	682825	45.833	ng	99
26) 2-Nitrophenol	9.787	139	168284	47.926	ng	97
27) 2,4-Dimethylphenol	9.851	122	297072	56.921	ng	98
28) bis(2-Chloroethoxy)met...	10.081	93	405639	49.288	ng	98
29) 2,4-Dichlorophenol	10.322	162	304701	48.564	ng	97
30) 1,2,4-Trichlorobenzene	10.540	180	333585	45.199	ng	99
31) Naphthalene	10.722	128	972658	43.790	ng	99
32) Benzoic acid	10.004	122	182027	44.263	ng	98
33) 4-Chloroaniline	10.840	127	164540	19.176	ng	97
34) Hexachlorobutadiene	11.010	225	217238	43.598	ng	97
35) Caprolactam	11.622	113	90815	50.145	ng	95
36) 4-Chloro-3-methylphenol	11.963	107	355292	49.701	ng	98
37) 2-Methylnaphthalene	12.334	142	681975	44.003	ng	99
38) 1-Methylnaphthalene	12.551	142	662201	43.751	ng	100
40) 1,2,4,5-Tetrachloroben...	12.704	216	379549	44.926	ng	98
41) Hexachlorocyclopentadiene	12.681	237	497615	110.647	ng	99
43) 2,4,6-Trichlorophenol	12.939	196	252979	47.966	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010594.D
 Acq On : 28 May 2022 11:22
 Operator : CG/JU
 Sample : PB145012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145012BS

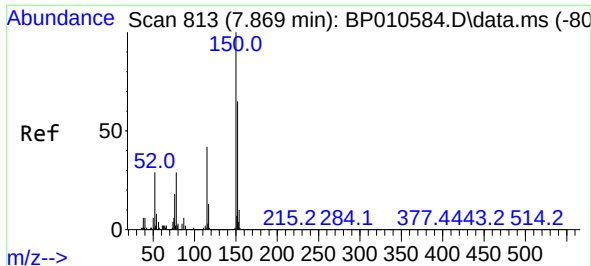
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 23:35:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

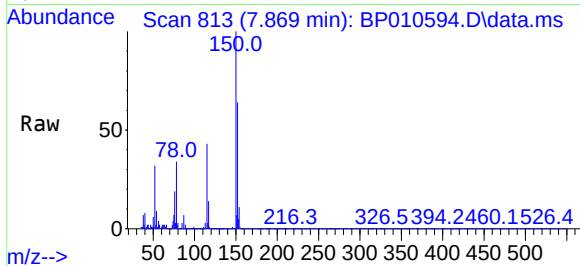
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	274321	45.984	ng	99
46) 1,1'-Biphenyl	13.339	154	921215	45.478	ng	100
47) 2-Chloronaphthalene	13.381	162	713466	44.810	ng	98
48) 2-Nitroaniline	13.586	65	265236	48.064	ng	94
49) Acenaphthylene	14.228	152	1189527	48.639	ng	100
50) Dimethylphthalate	13.969	163	887559	45.402	ng	99
51) 2,6-Dinitrotoluene	14.081	165	199331	47.948	ng	95
52) Acenaphthene	14.569	154	670781	44.675	ng	98
53) 3-Nitroaniline	14.416	138	128242	31.497	ng	96
54) 2,4-Dinitrophenol	14.622	184	229985	88.845	ng	97
55) Dibenzofuran	14.904	168	1098138	46.250	ng	98
56) 4-Nitrophenol	14.728	139	325950	94.473	ng	97
57) 2,4-Dinitrotoluene	14.875	165	272379	50.334	ng	96
58) Fluorene	15.557	166	886141	45.651	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.133	232	234406	45.837	ng	98
60) Diethylphthalate	15.333	149	902917	46.398	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	455042	46.640	ng	98
62) 4-Nitroaniline	15.580	138	185494	43.036	ng	99
63) Azobenzene	15.845	77	961183	46.767	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	144708	42.671	ng	95
66) n-Nitrosodiphenylamine	15.769	169	766555	47.042	ng	98
67) 4-Bromophenyl-phenylether	16.445	248	272796	46.336	ng	95
68) Hexachlorobenzene	16.569	284	299487	46.054	ng	99
69) Atrazine	16.722	200	270643	51.206	ng	97
70) Pentachlorophenol	16.916	266	369215	98.907	ng	99
71) Phenanthrene	17.304	178	1363272	45.935	ng	100
72) Anthracene	17.392	178	1363967	47.996	ng	100
73) Carbazole	17.669	167	1210521	50.120	ng	99
74) Di-n-butylphthalate	18.216	149	1459274	47.525	ng	100
75) Fluoranthene	19.269	202	1497432	46.454	ng	98
77) Benzidine	19.451	184	489391	54.503	ng	99
78) Pyrene	19.621	202	1541369	47.317	ng	99
80) Butylbenzylphthalate	20.492	149	600026	46.769	ng	98
81) Benzo(a)anthracene	21.333	228	1415846	46.165	ng	100
82) 3,3'-Dichlorobenzidine	21.263	252	390106	46.380	ng	97
83) Chrysene	21.386	228	1320702	43.904	ng	100
84) Bis(2-ethylhexyl)phtha...	21.257	149	845290	46.741	ng	99
85) Di-n-octyl phthalate	22.186	149	1365207	45.299	ng	99
87) Indeno(1,2,3-cd)pyrene	26.274	276	1383177	46.280	ng	99
88) Benzo(b)fluoranthene	23.027	252	1347010	52.184	ng	99
89) Benzo(k)fluoranthene	23.074	252	1264907	48.341	ng	100
90) Benzo(a)pyrene	23.657	252	1233660	57.779	ng	99
91) Dibenzo(a,h)anthracene	26.298	278	1238177	49.533	ng	99
92) Benzo(g,h,i)perylene	27.045	276	1246052	50.140	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

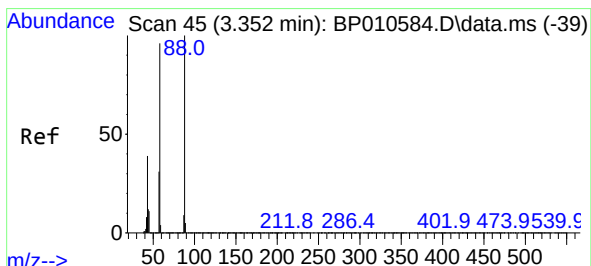
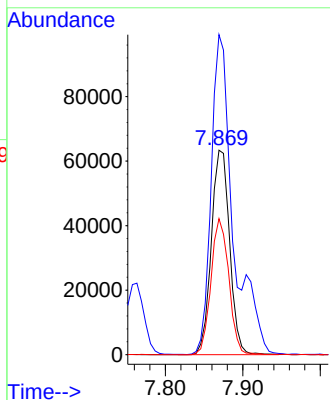
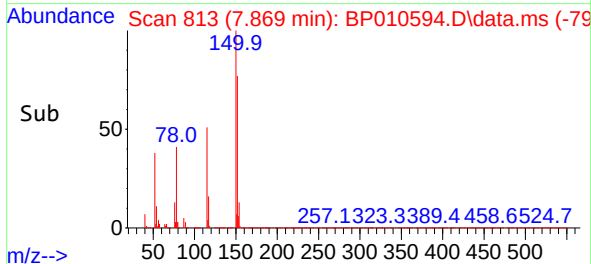
Instrument :
BNA_P
ClientSampleId :
PB145012BS



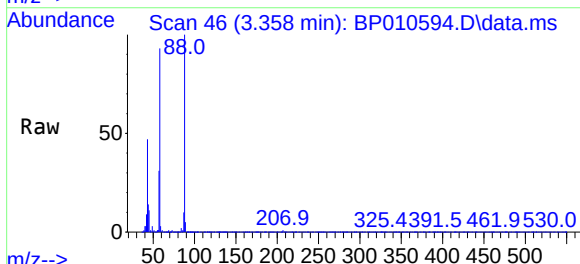
Tgt Ion:152 Resp: 10412
Ion Ratio Lower Upper
152 100
150 156.4 123.4 185.2
115 66.5 51.3 76.9

Manual Integrations
APPROVED

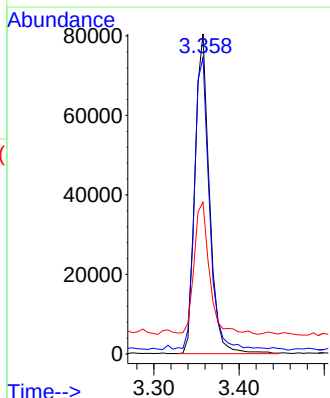
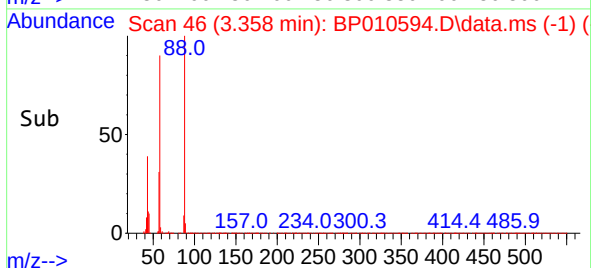
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

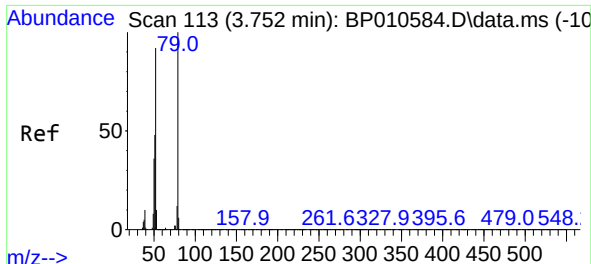


#2
1,4-Dioxane
Concen: 39.189 ng
RT: 3.358 min Scan# 46
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion: 88 Resp: 94983
Ion Ratio Lower Upper
88 100
58 93.3 74.5 111.7
43 43.7 31.5 47.3





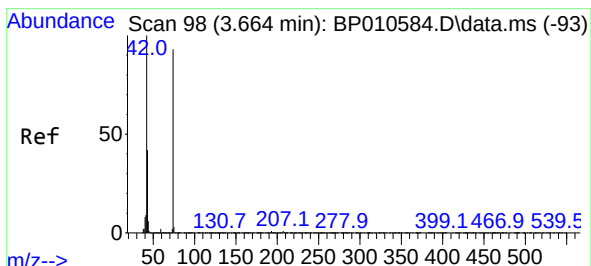
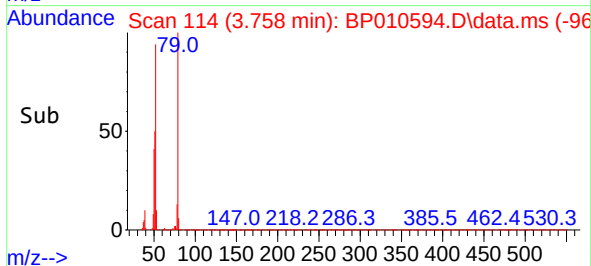
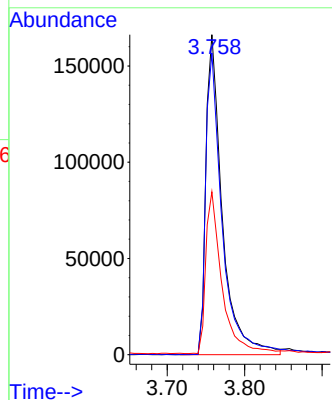
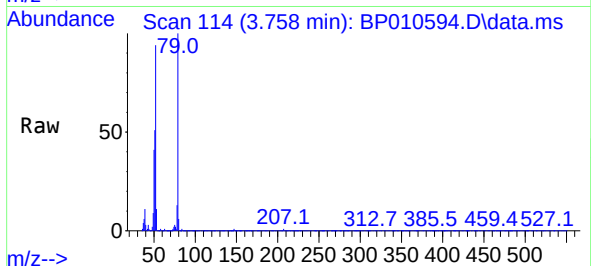
#3
Pyridine
Concen: 35.845 ng
RT: 3.758 min Scan# 113
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion: 79 Resp: 24330
Ion Ratio Lower Upper
79 100
52 94.3 73.5 110.3
51 50.9 38.6 57.8

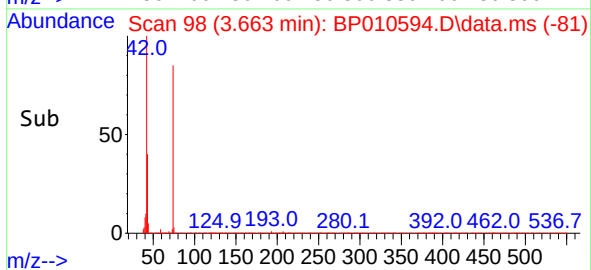
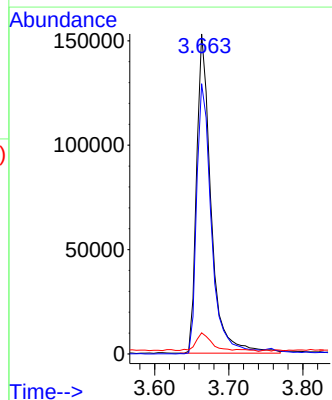
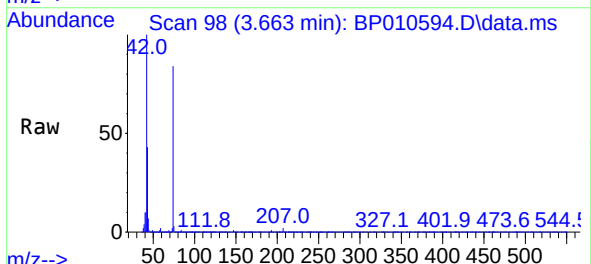
Manual Integrations
APPROVED

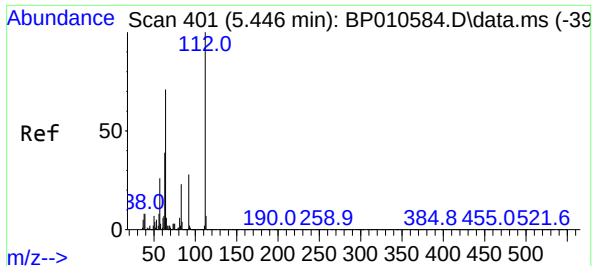
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#4
n-Nitrosodimethylamine
Concen: 49.984 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 42 Resp: 206872
Ion Ratio Lower Upper
42 100
74 84.5 74.4 111.6
44 6.6 5.7 8.5





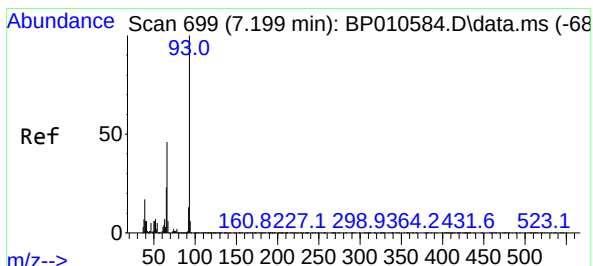
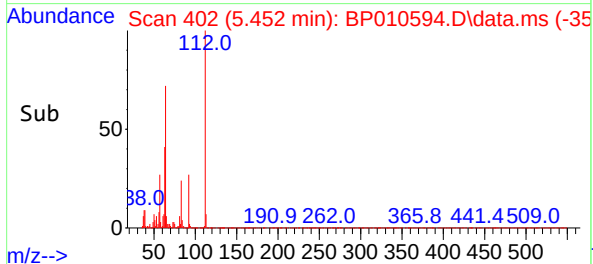
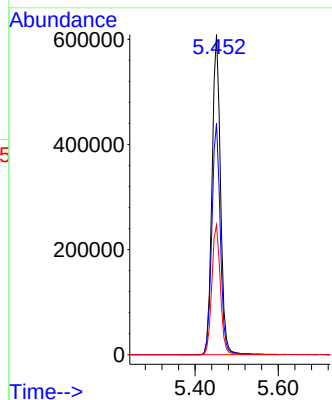
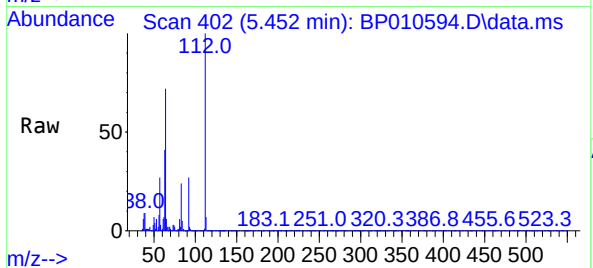
#5
2-Fluorophenol
Concen: 151.005 ng
RT: 5.452 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion:112 Resp: 86184
Ion Ratio Lower Upper
112 100
64 72.3 56.9 85.3
63 40.6 31.2 46.8

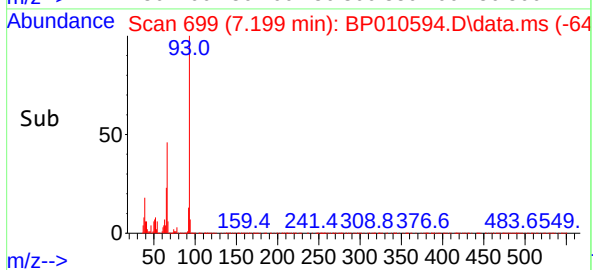
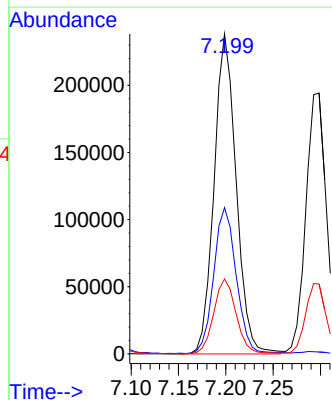
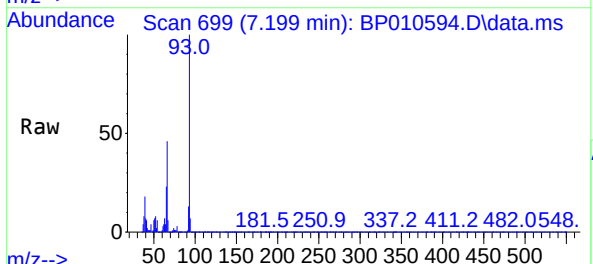
Manual Integrations
APPROVED

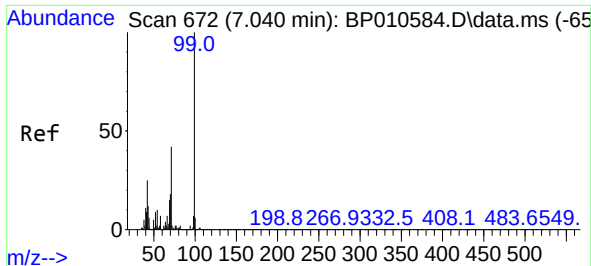
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#6
Aniline
Concen: 40.490 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 93 Resp: 385978
Ion Ratio Lower Upper
93 100
66 45.7 36.7 55.1
65 23.4 18.2 27.4





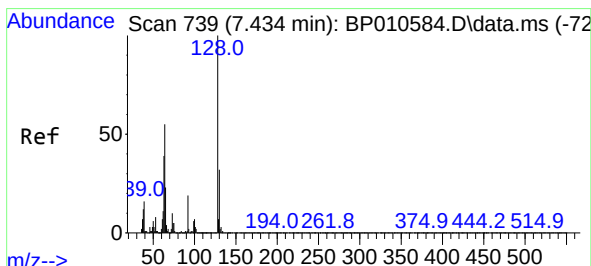
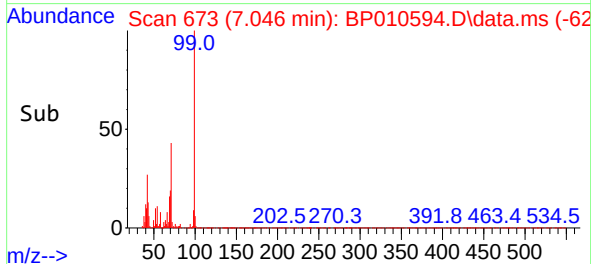
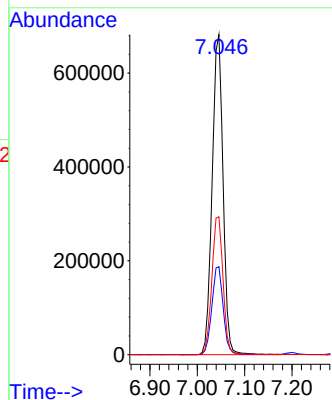
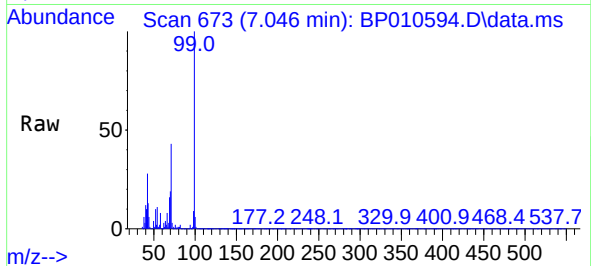
#7
Phenol-d6
Concen: 134.563 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion: 99 Resp: 1090310
Ion Ratio Lower Upper
99 100
42 27.5 20.3 30.5
71 43.1 33.9 50.9

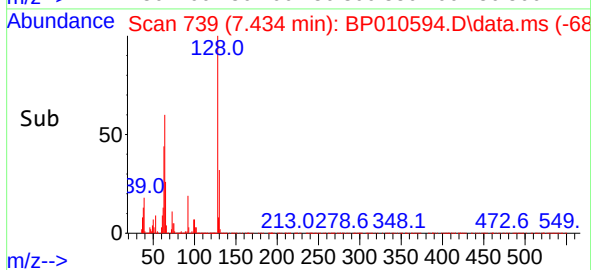
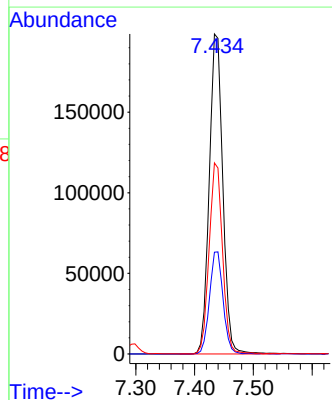
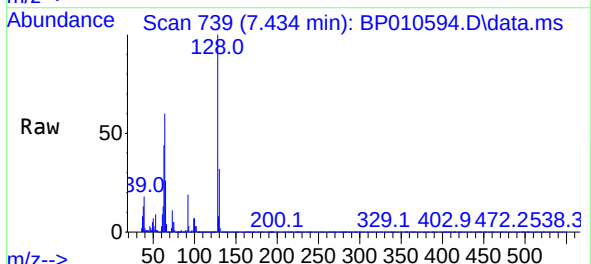
Manual Integrations
APPROVED

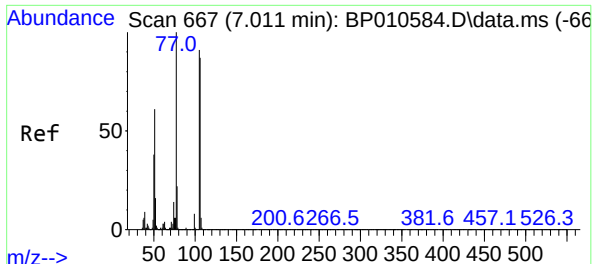
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#8
2-Chlorophenol
Concen: 49.237 ng
RT: 7.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:128 Resp: 317170
Ion Ratio Lower Upper
128 100
130 31.8 11.8 51.8
64 59.7 35.3 75.3





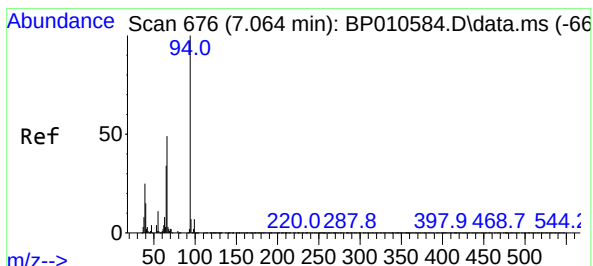
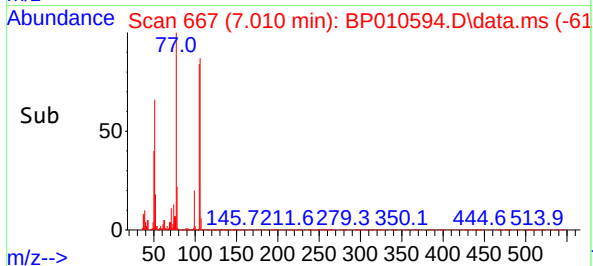
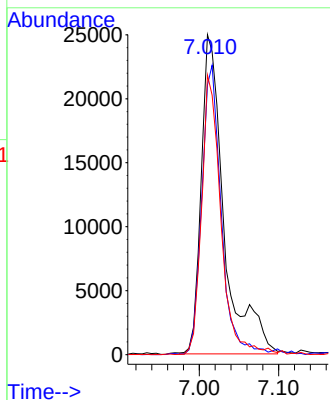
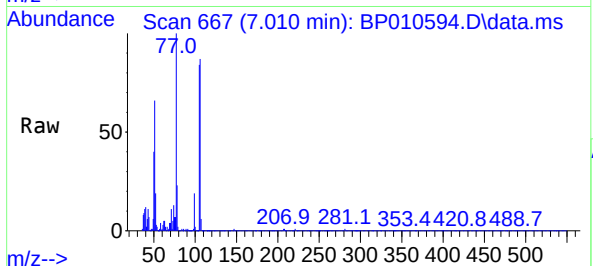
#9
Benzaldehyde
Concen: 9.383 ng m
RT: 7.010 min Scan# 610
Delta R.T. -0.001 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion: 77 Resp: 50030
Ion Ratio Lower Upper
77 100
105 84.3 71.4 111.4
106 87.3 66.9 106.9

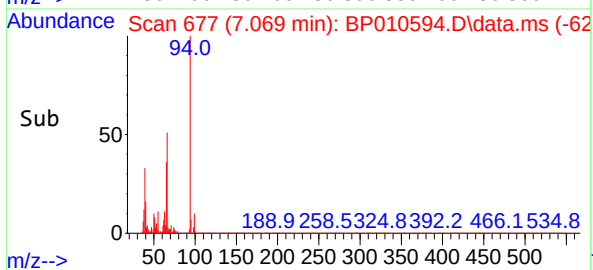
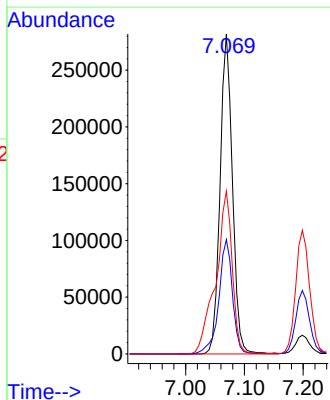
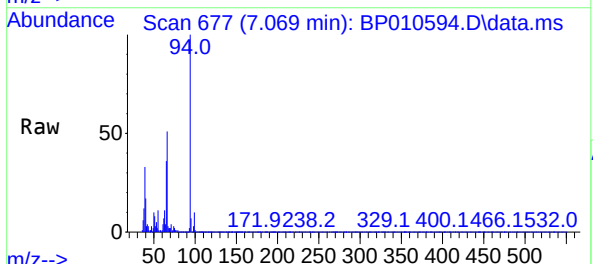
Manual Integrations
APPROVED

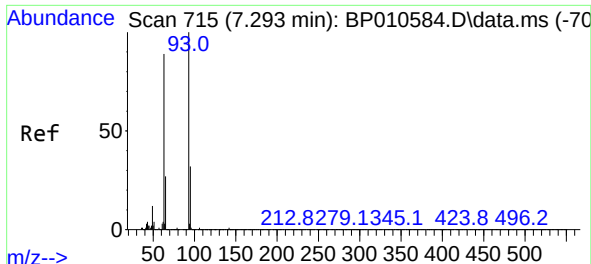
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#10
Phenol
Concen: 49.144 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 94 Resp: 411776
Ion Ratio Lower Upper
94 100
65 35.8 14.0 54.0
66 50.9 29.2 69.2





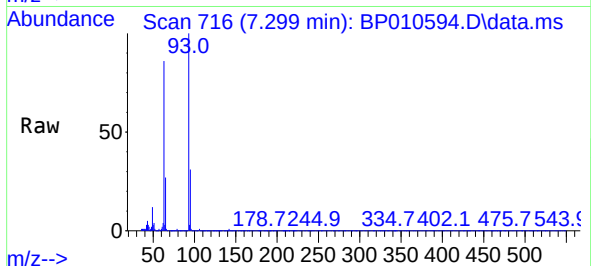
#11
bis(2-Chloroethyl)ether
Concen: 45.867 ng
RT: 7.299 min Scan# 715
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

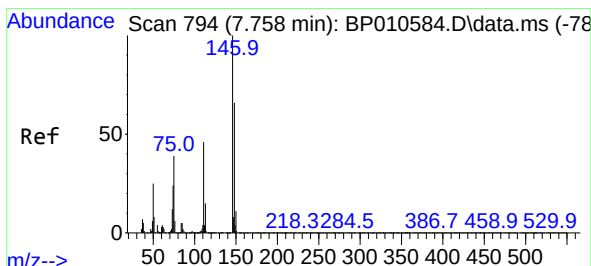
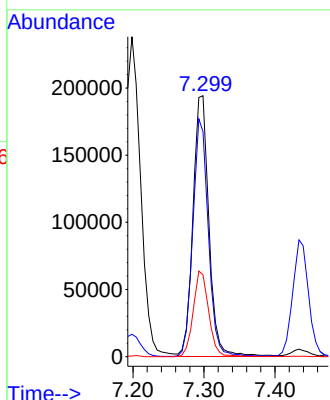
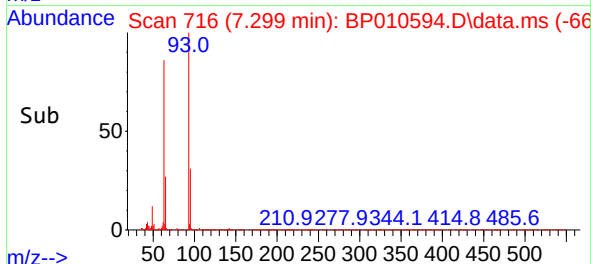


Tgt Ion: 93 Resp: 30459
Ion Ratio Lower Upper
93 100
63 86.3 68.2 108.2
95 31.4 12.2 52.2

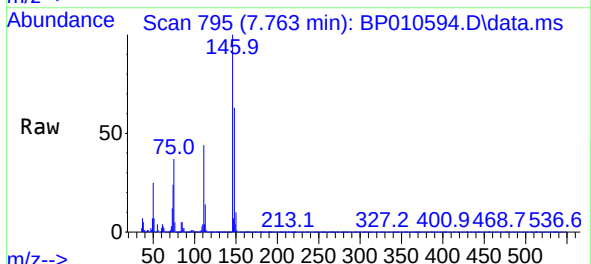
Manual Integrations

APPROVED

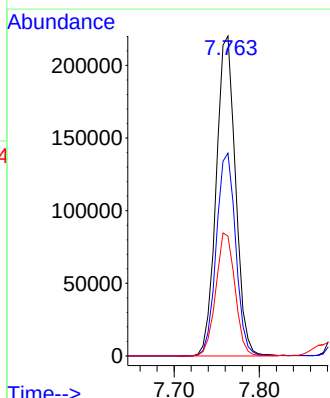
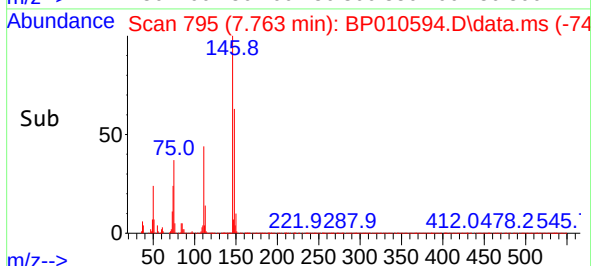
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

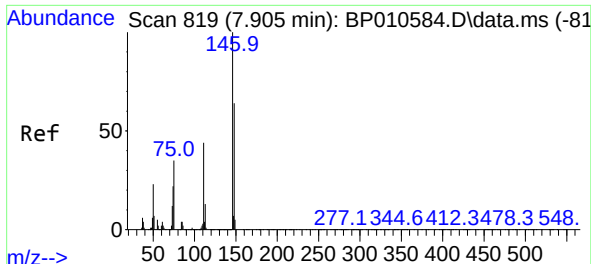


#12
1,3-Dichlorobenzene
Concen: 46.599 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:146 Resp: 347882
Ion Ratio Lower Upper
146 100
148 63.3 53.0 79.4
75 37.4 31.3 46.9





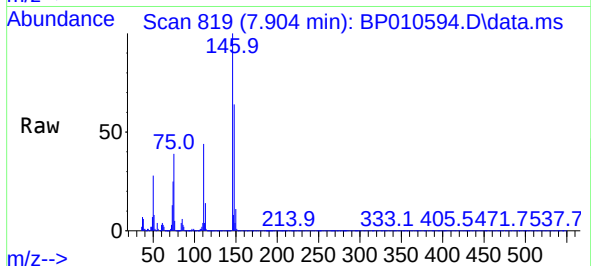
#13
1,4-Dichlorobenzene
Concen: 46.217 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

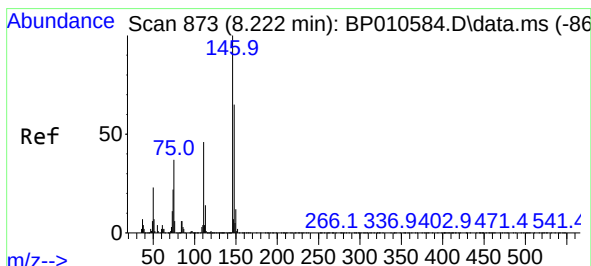
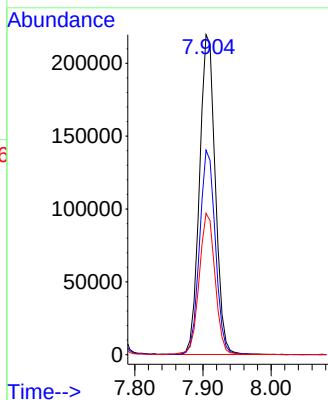
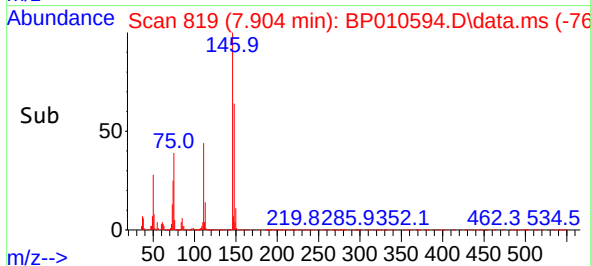


Tgt Ion:146 Resp: 353539
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 44.2 35.2 52.8

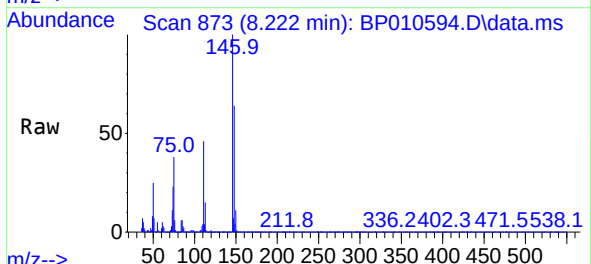
Manual Integrations

APPROVED

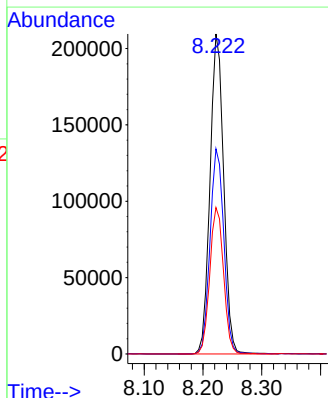
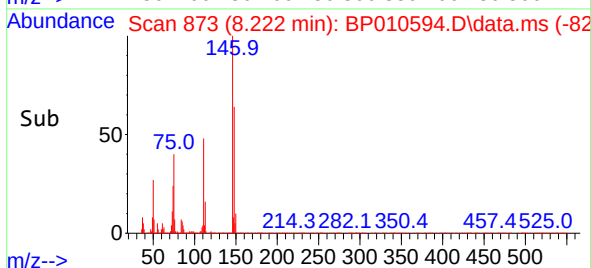
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

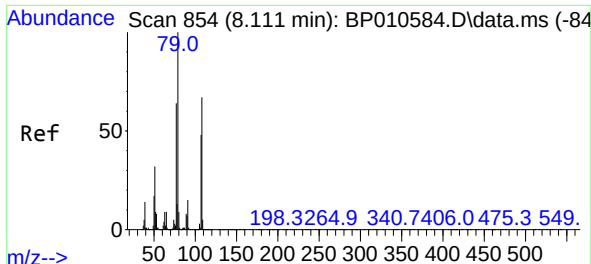


#14
1,2-Dichlorobenzene
Concen: 46.081 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



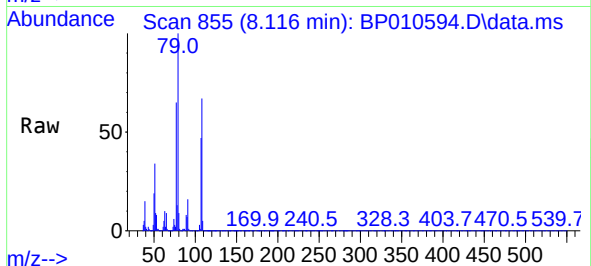
Tgt Ion:146 Resp: 337453
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.2
111 45.8 36.6 55.0





#15
Benzyl Alcohol
Concen: 48.428 ng m
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

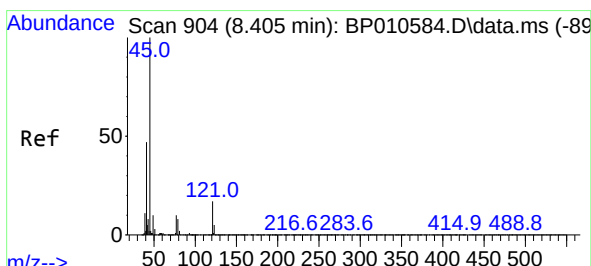
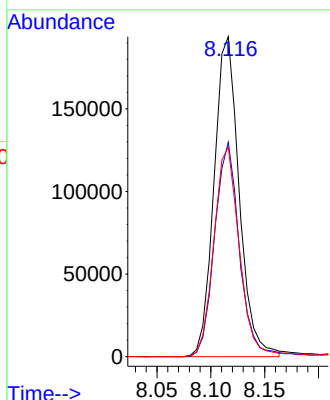
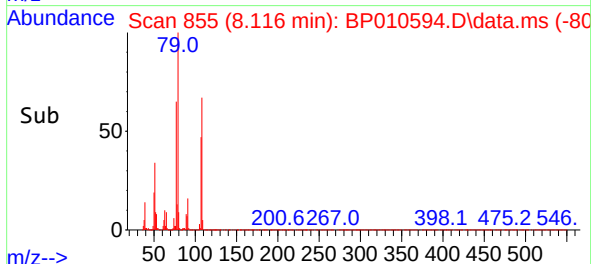
Instrument :
BNA_P
ClientSampleId :
PB145012BS



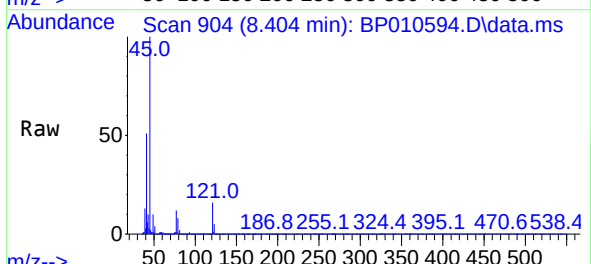
Tgt Ion: 79 Resp: 31455
Ion Ratio Lower Upper
79 100
108 67.0 53.4 80.0
77 65.5 51.5 77.3

Manual Integrations
APPROVED

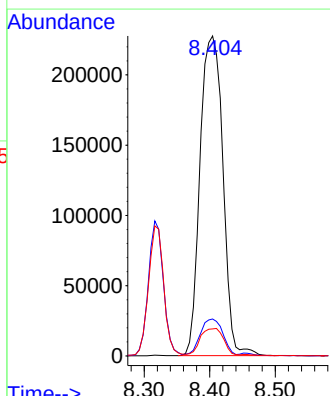
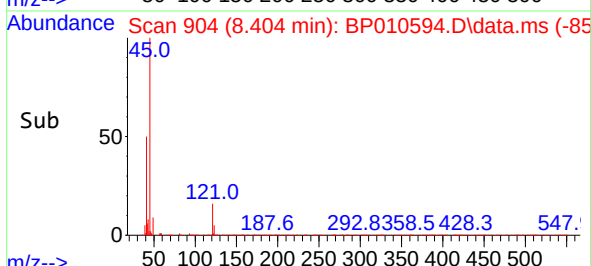
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

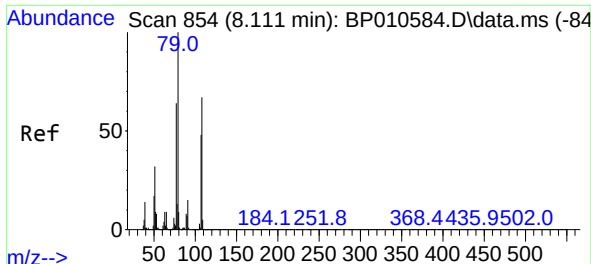


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.444 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion: 45 Resp: 551803
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 8.4 0.0 28.8





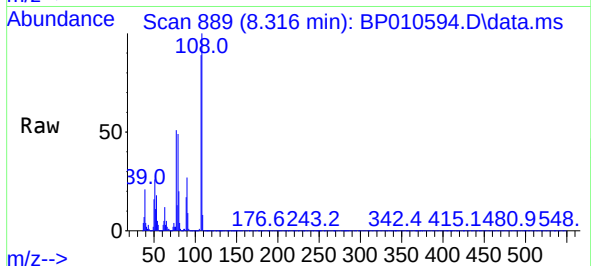
#17
2-Methylphenol
Concen: 47.992 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

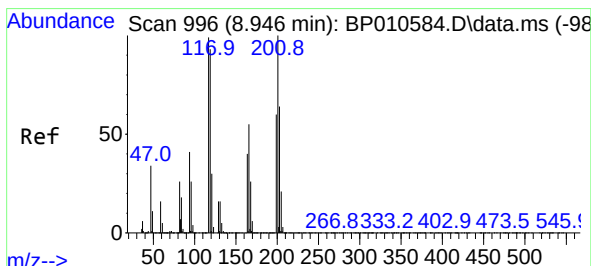
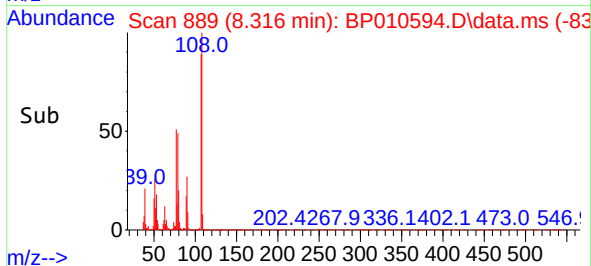
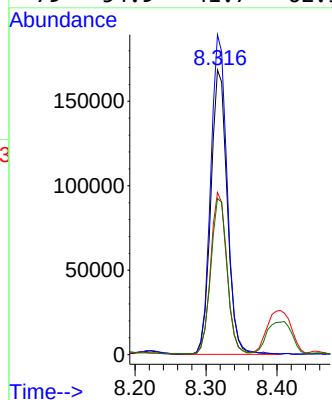


Tgt Ion:107 Resp: 26987
Ion Ratio Lower Upper
107 100
108 112.3 88.9 133.3
77 57.0 44.7 67.1
79 54.9 41.7 62.5

Manual Integrations

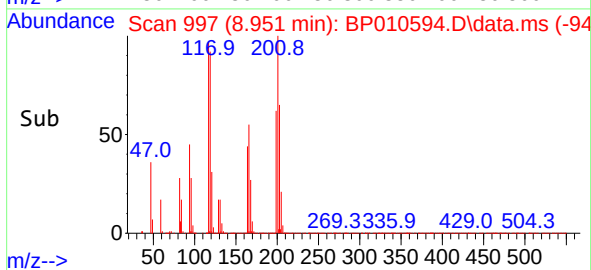
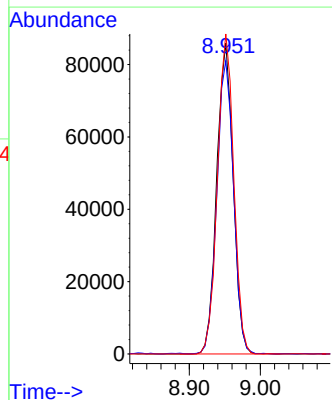
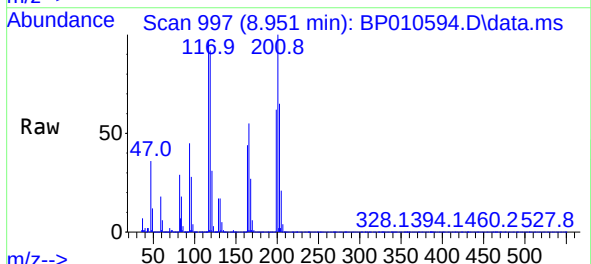
APPROVED

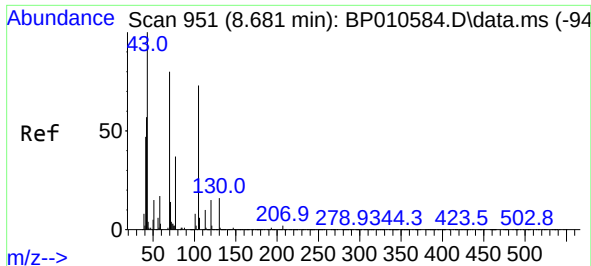
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#18
Hexachloroethane
Concen: 46.478 ng
RT: 8.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:117 Resp: 137528
Ion Ratio Lower Upper
117 100
119 94.4 75.6 113.4
201 103.0 80.9 121.3





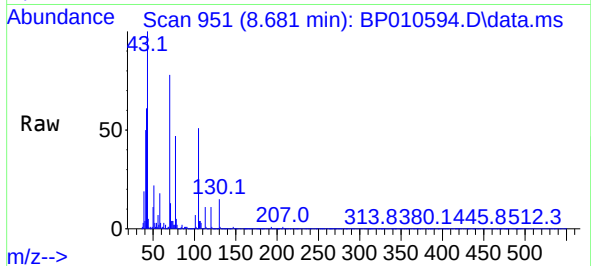
#19
n-Nitroso-di-n-propylamine
Concen: 44.569 ng
RT: 8.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

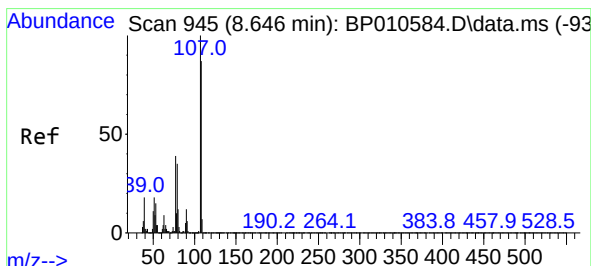
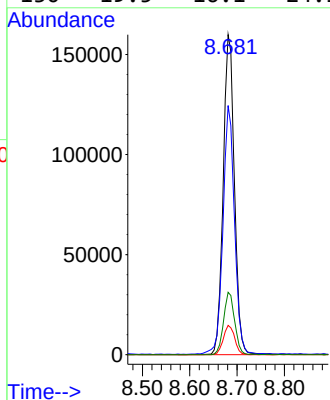
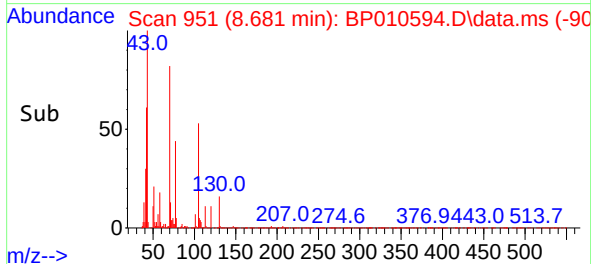


Tgt Ion: 70 Resp: 263394
Ion Ratio Lower Upper
70 100
42 77.9 58.1 87.1
101 9.2 8.4 12.6
130 19.5 16.1 24.1

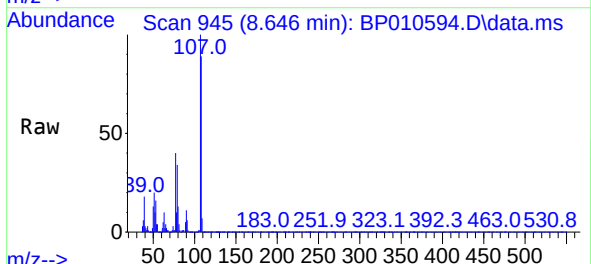
Manual Integrations

APPROVED

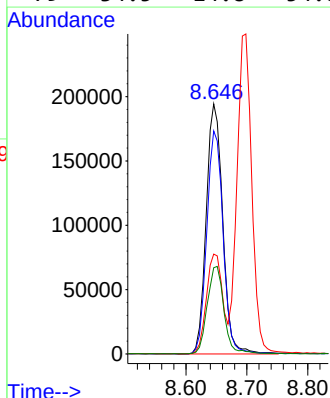
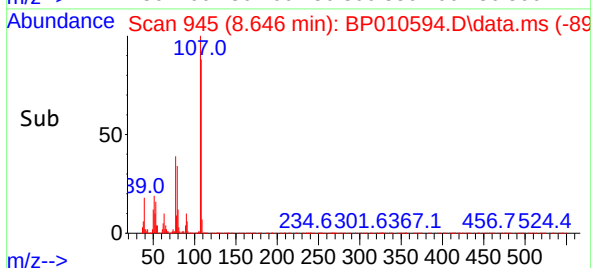
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

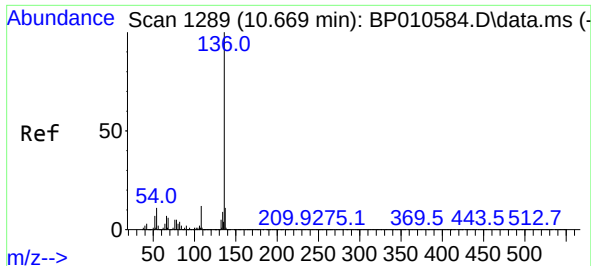


#20
3+4-Methylphenols
Concen: 47.346 ng
RT: 8.646 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:107 Resp: 365978
Ion Ratio Lower Upper
107 100
108 89.2 67.1 107.1
77 40.0 19.2 59.2
79 34.5 14.8 54.8





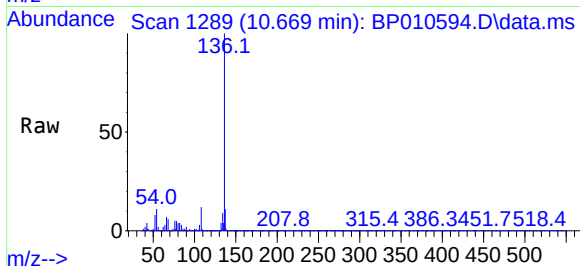
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

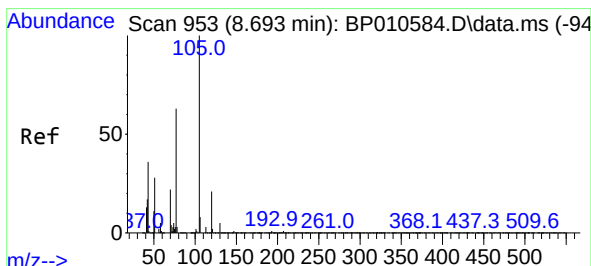
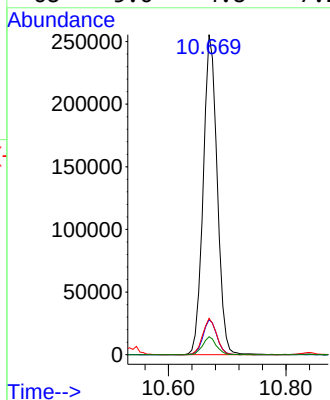
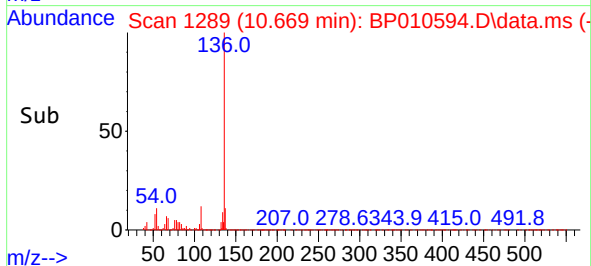


Tgt Ion:136 Resp: 421630
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.4 8.7 13.1
68 5.6 4.8 7.2

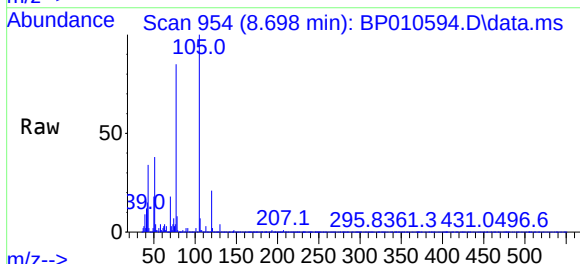
Manual Integrations

APPROVED

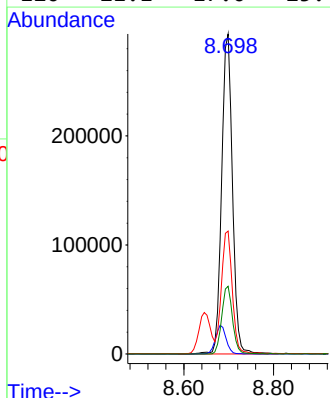
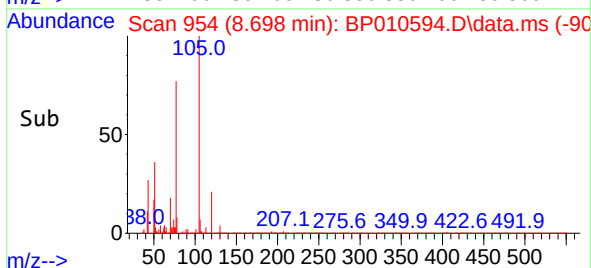
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

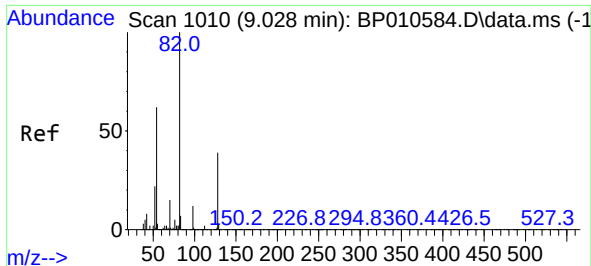


#22
Acetophenone
Concen: 44.802 ng
RT: 8.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:105 Resp: 492626
Ion Ratio Lower Upper
105 100
71 2.8 3.4 5.0#
51 38.4 29.5 44.3
120 21.1 17.0 25.4





#23
Nitrobenzene-d5
Concen: 87.770 ng
RT: 9.034 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

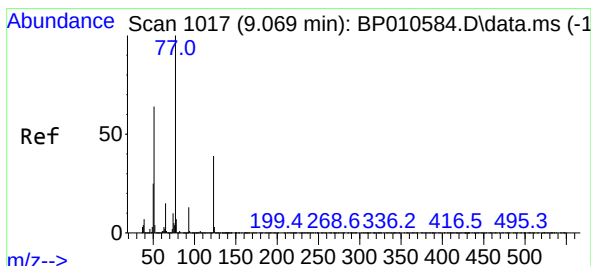
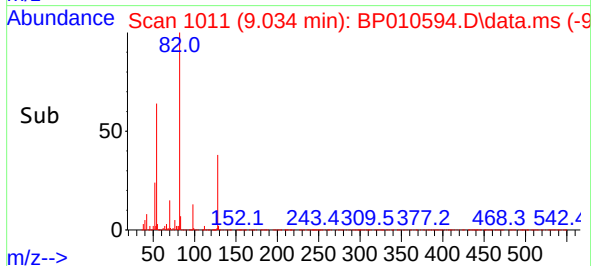
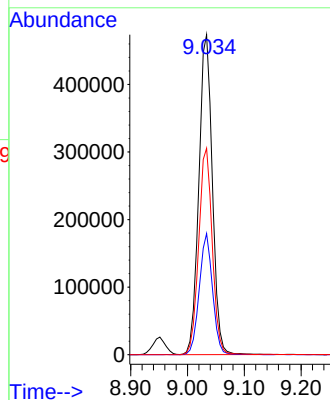
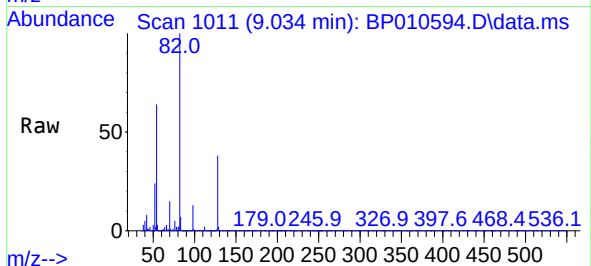
PB145012BS

Tgt Ion: 82 Resp: 782730
Ion Ratio Lower Upper
82 100
128 37.8 31.3 46.9
54 64.5 49.8 74.8

Manual Integrations

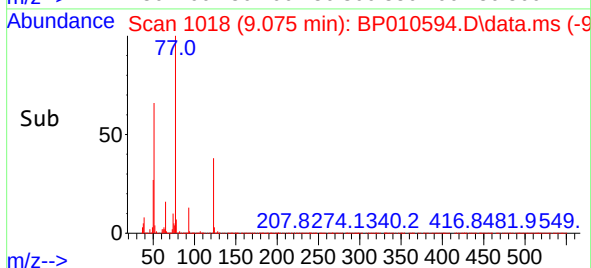
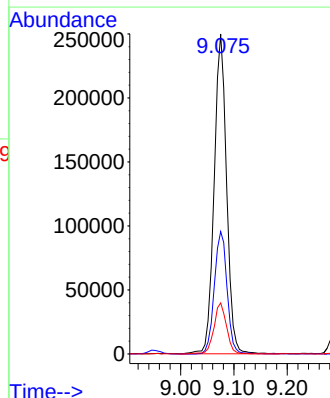
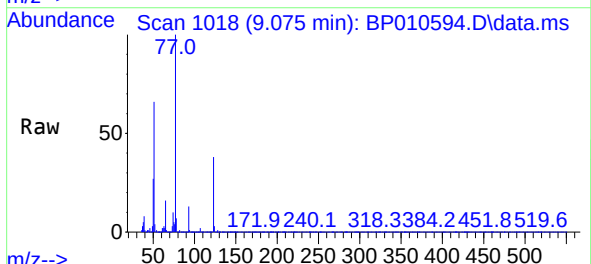
APPROVED

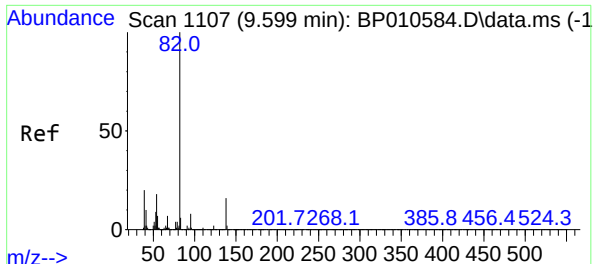
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#24
Nitrobenzene
Concen: 44.978 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 77 Resp: 405241
Ion Ratio Lower Upper
77 100
123 38.2 31.1 46.7
65 15.9 12.1 18.1





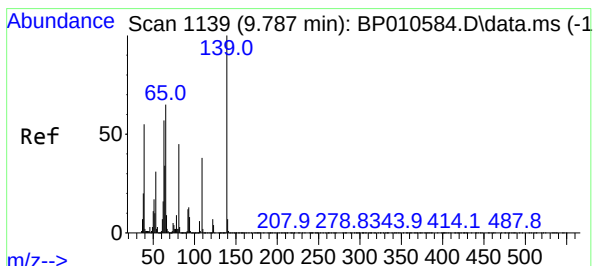
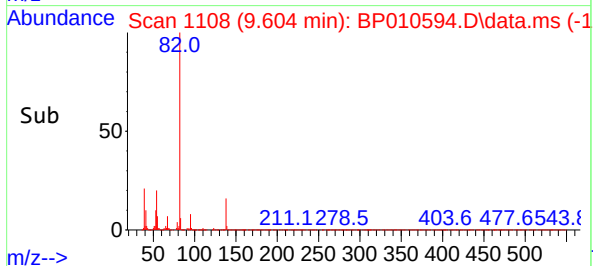
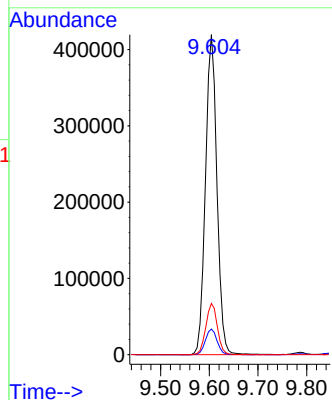
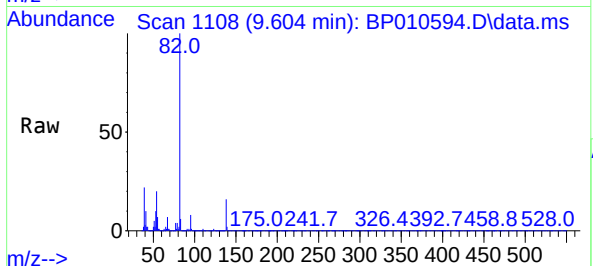
#25
Isophorone
Concen: 45.833 ng
RT: 9.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion: 82 Resp: 68282
Ion Ratio Lower Upper
82 100
95 8.0 6.5 9.7
138 16.0 12.4 18.6

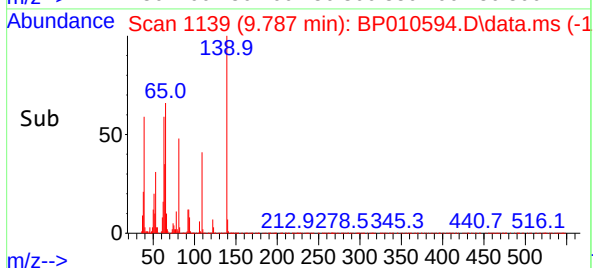
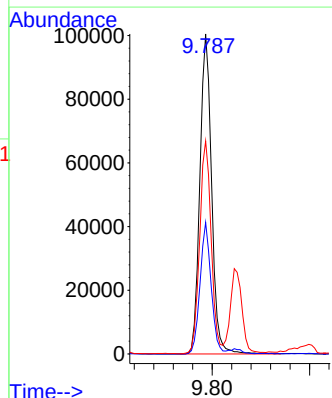
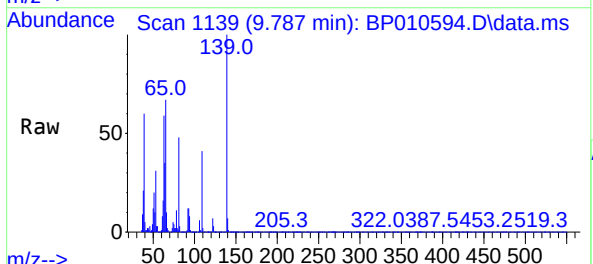
Manual Integrations
APPROVED

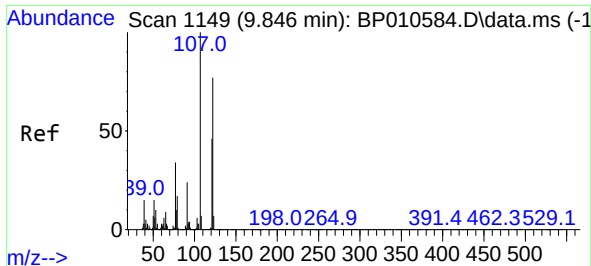
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#26
2-Nitrophenol
Concen: 47.926 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:139 Resp: 168284
Ion Ratio Lower Upper
139 100
109 41.1 30.2 45.4
65 66.6 52.2 78.2





#27
2,4-Dimethylphenol
Concen: 56.921 ng
RT: 9.851 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

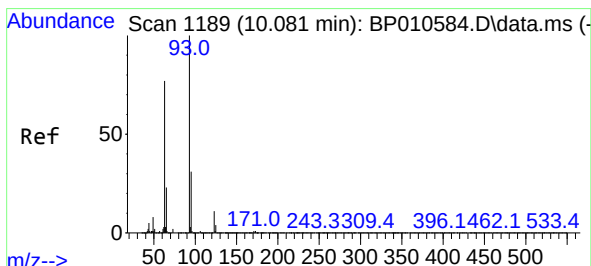
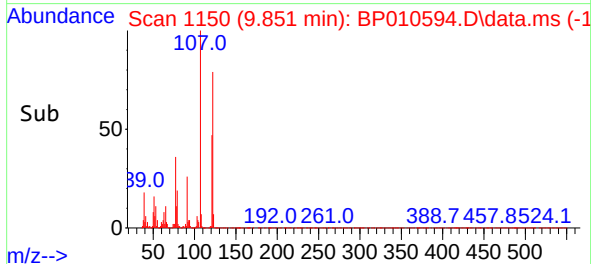
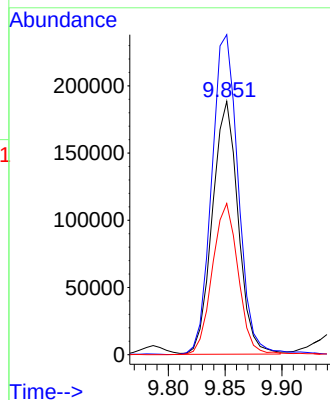
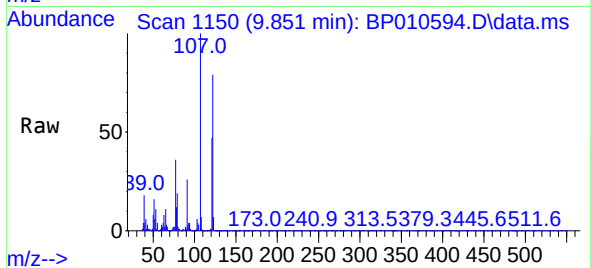
PB145012BS

Tgt Ion:122 Resp: 297072
Ion Ratio Lower Upper
122 100
107 126.3 103.5 155.3
121 59.7 47.5 71.3

Manual Integrations

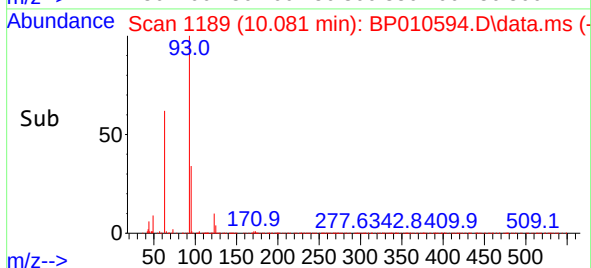
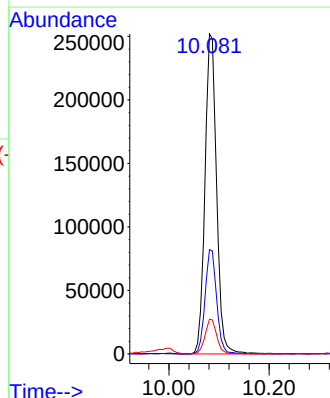
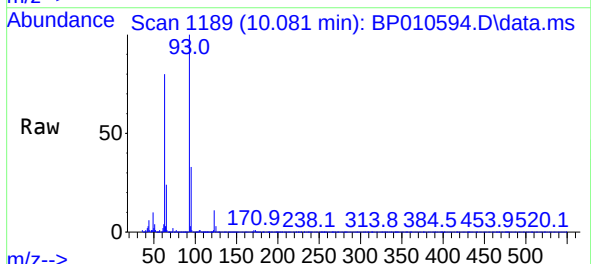
APPROVED

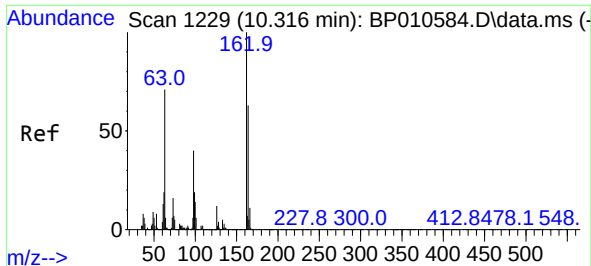
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.288 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 93 Resp: 405639
Ion Ratio Lower Upper
93 100
95 32.6 25.0 37.6
123 10.8 9.0 13.6





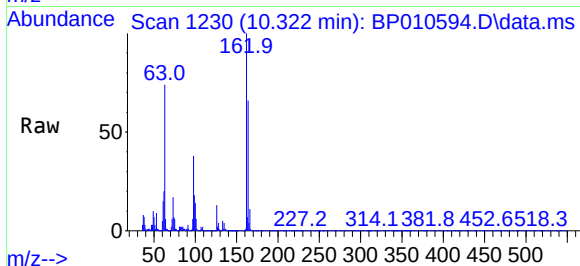
#29
2,4-Dichlorophenol
Concen: 48.564 ng
RT: 10.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

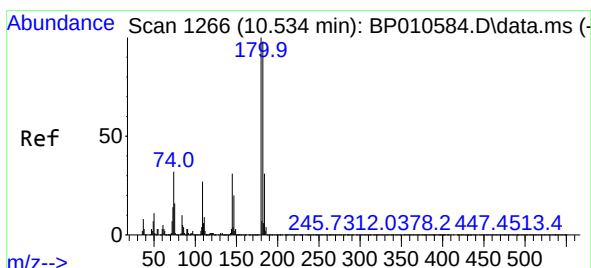
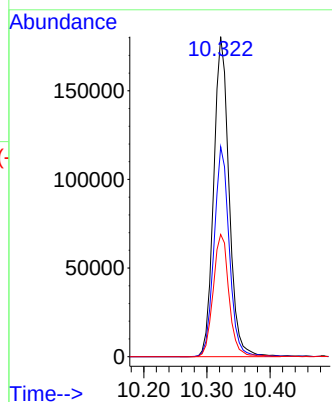
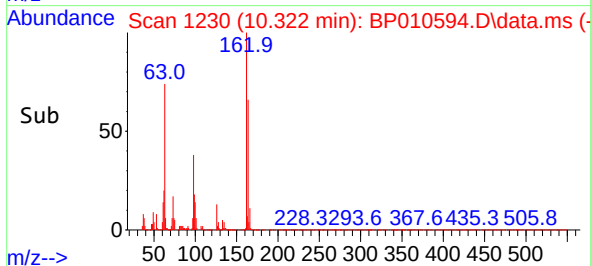


Tgt Ion:162 Resp: 30470
Ion Ratio Lower Upper
162 100
164 65.6 43.0 83.0
98 38.2 20.4 60.4

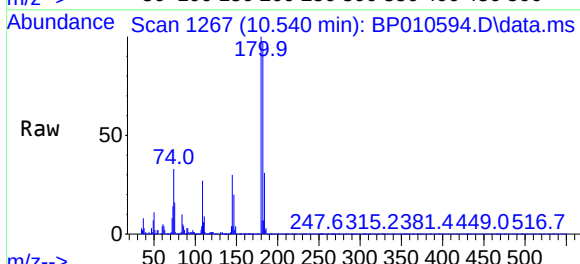
Manual Integrations

APPROVED

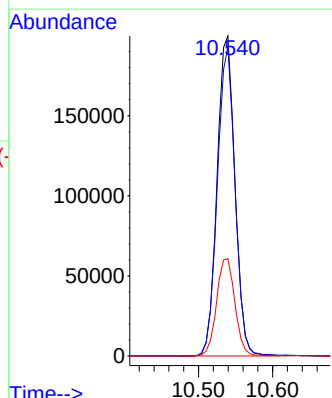
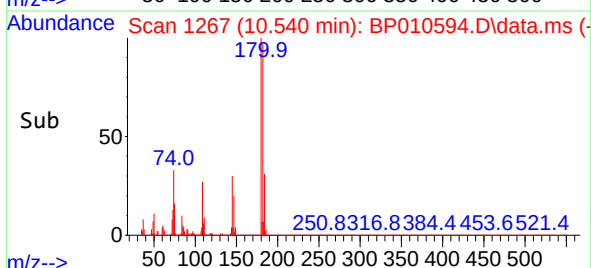
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

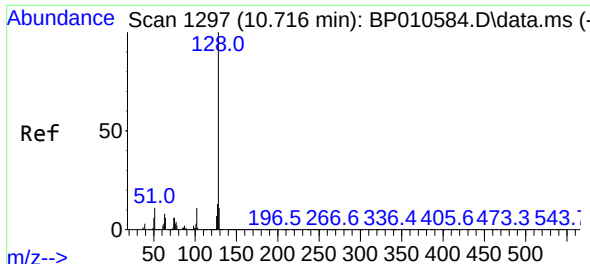


#30
1,2,4-Trichlorobenzene
Concen: 45.199 ng
RT: 10.540 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:180 Resp: 333585
Ion Ratio Lower Upper
180 100
182 96.6 78.0 117.0
145 30.4 24.6 36.8





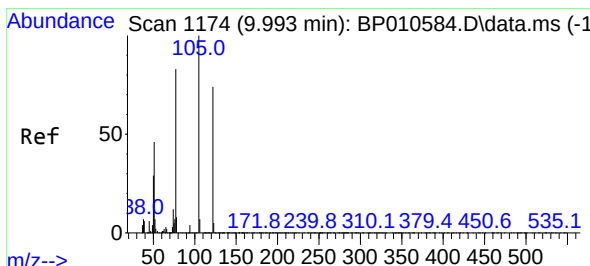
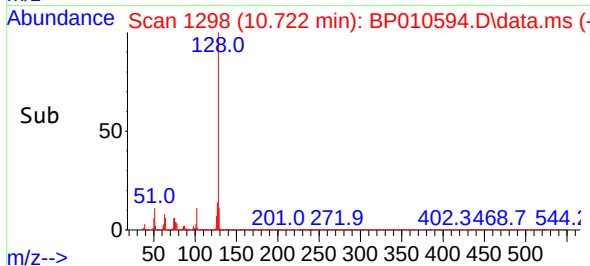
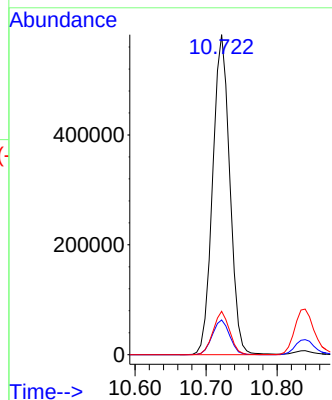
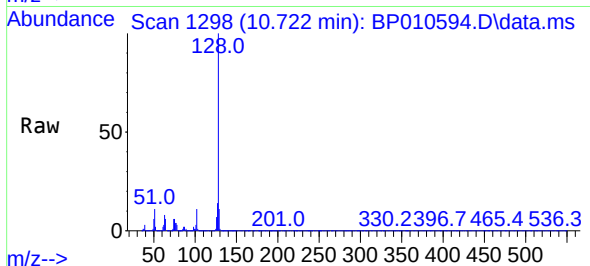
#31
Naphthalene
Concen: 43.790 ng
RT: 10.722 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion:128 Resp: 97265
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.6 10.3 15.5

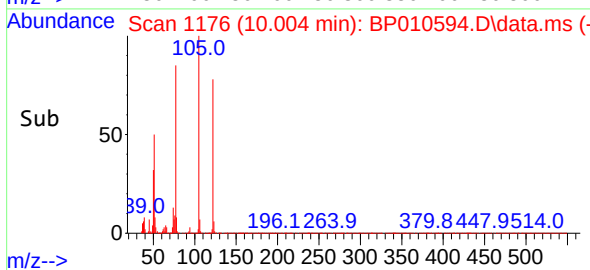
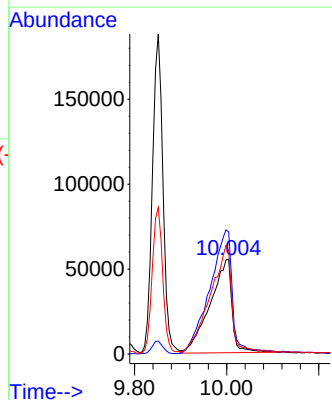
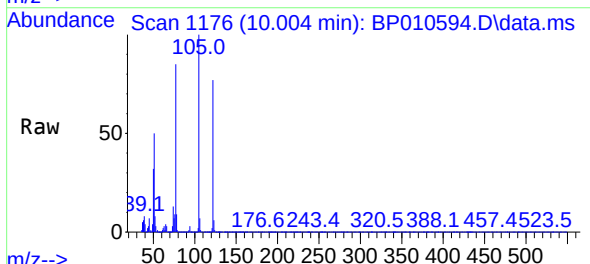
Manual Integrations
APPROVED

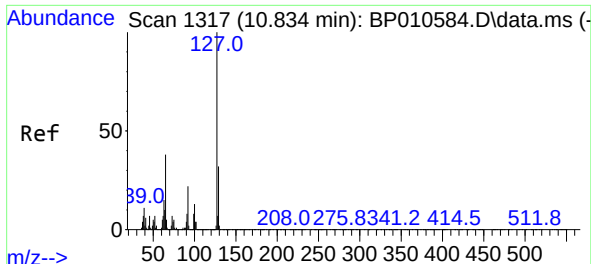
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#32
Benzoic acid
Concen: 44.263 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.011 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:122 Resp: 182027
Ion Ratio Lower Upper
122 100
105 129.1 112.6 152.6
77 109.5 90.2 130.2





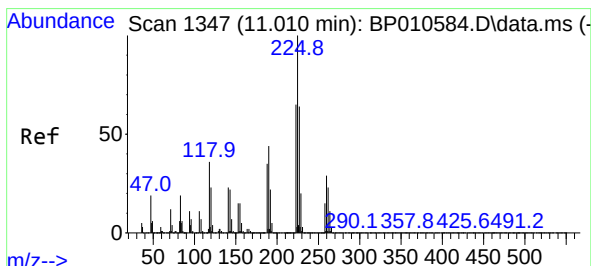
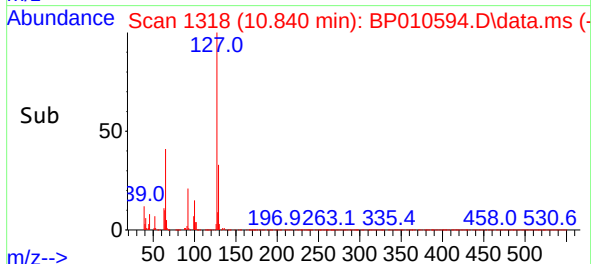
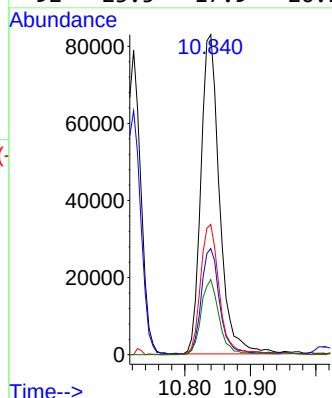
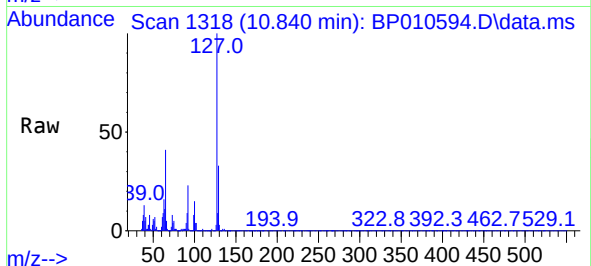
#33
4-Chloroaniline
Concen: 19.176 ng
RT: 10.840 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion:127 Resp: 164540
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.2
65 40.7 30.4 45.6
92 23.5 17.9 26.9

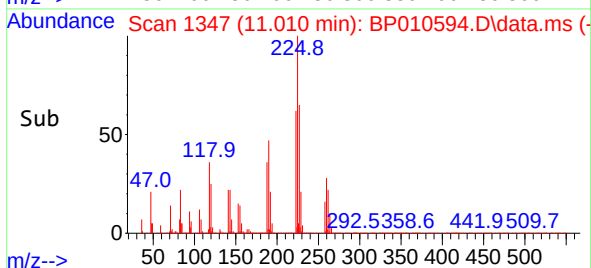
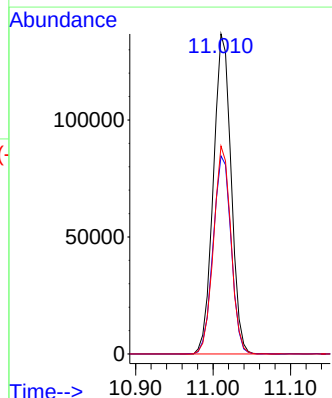
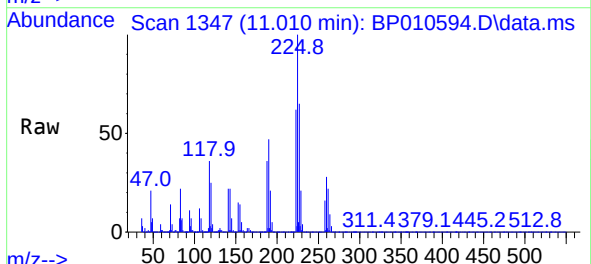
Manual Integrations
APPROVED

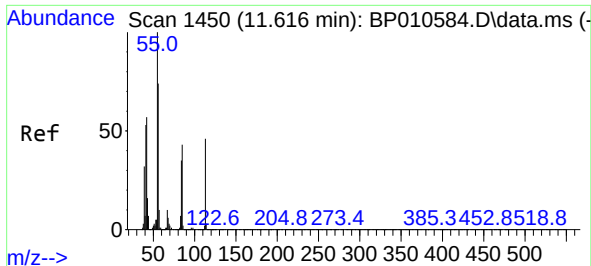
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#34
Hexachlorobutadiene
Concen: 43.598 ng
RT: 11.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

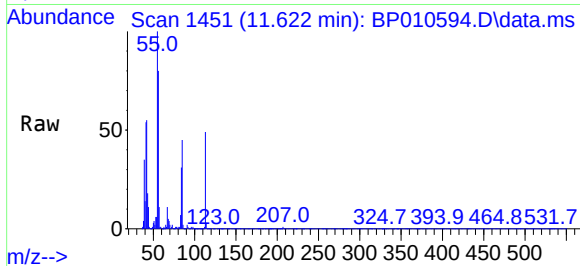
Tgt Ion:225 Resp: 217238
Ion Ratio Lower Upper
225 100
223 61.9 52.2 78.4
227 64.9 50.8 76.2





#35
Caprolactam
Concen: 50.145 ng
RT: 11.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

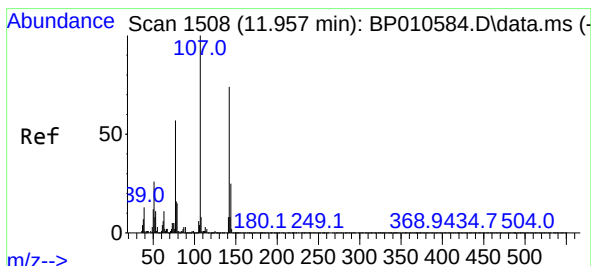
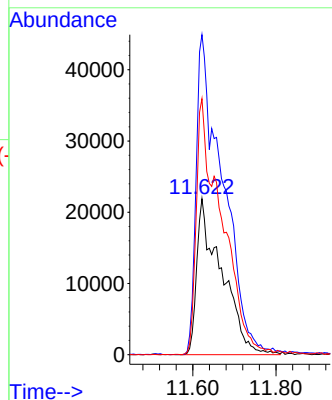
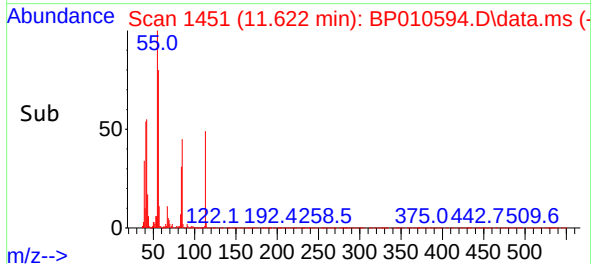
Instrument :
BNA_P
ClientSampleId :
PB145012BS



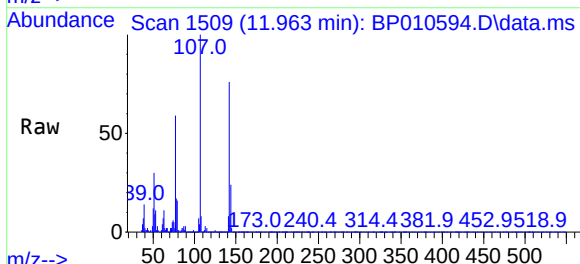
Tgt Ion:113 Resp: 9081
Ion Ratio Lower Upper
113 100
55 205.1 198.6 238.6
56 164.1 142.7 182.7

Manual Integrations
APPROVED

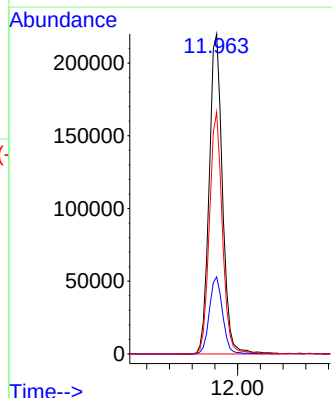
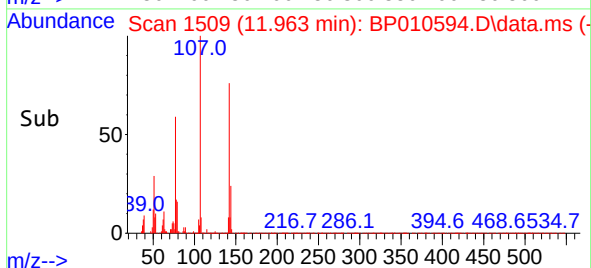
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

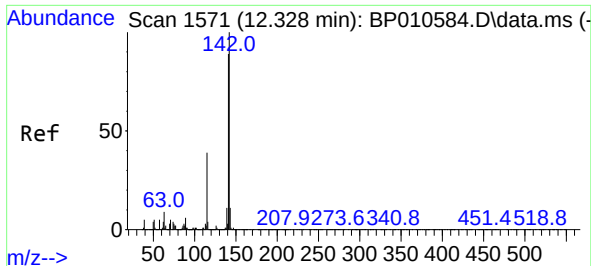


#36
4-Chloro-3-methylphenol
Concen: 49.701 ng
RT: 11.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:107 Resp: 355292
Ion Ratio Lower Upper
107 100
144 24.1 19.8 29.6
142 75.6 59.0 88.4





#37
2-Methylnaphthalene
Concen: 44.003 ng
RT: 12.334 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

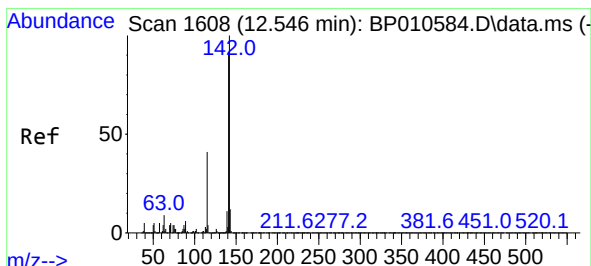
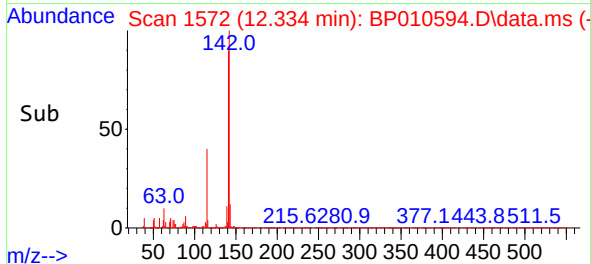
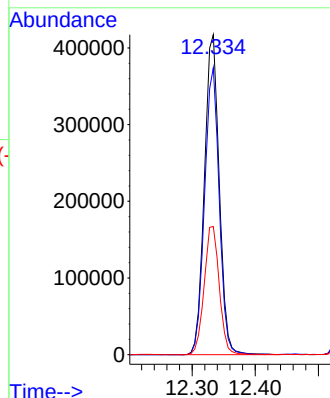
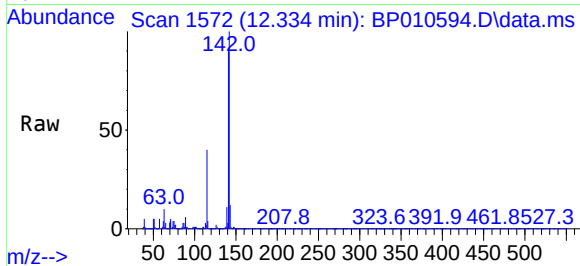
PB145012BS

Tgt Ion:142 Resp: 68197
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 40.1 31.4 47.2

Manual Integrations

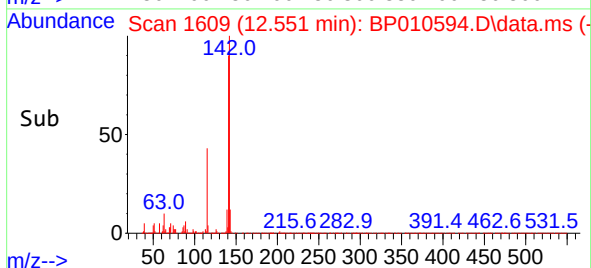
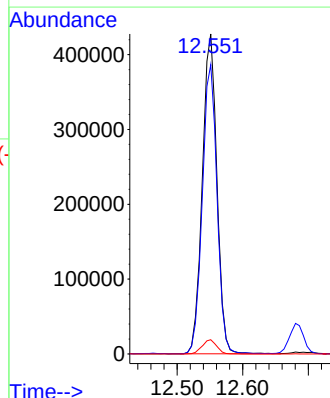
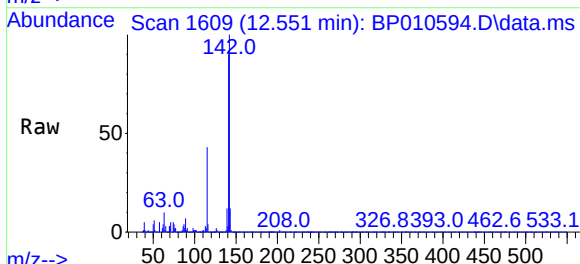
APPROVED

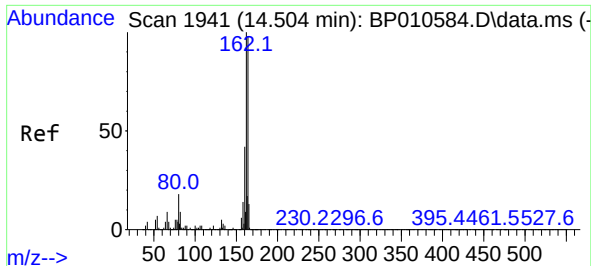
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#38
1-Methylnaphthalene
Concen: 43.751 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:142 Resp: 662201
Ion Ratio Lower Upper
142 100
141 90.4 72.6 108.8
116 4.5 3.3 4.9





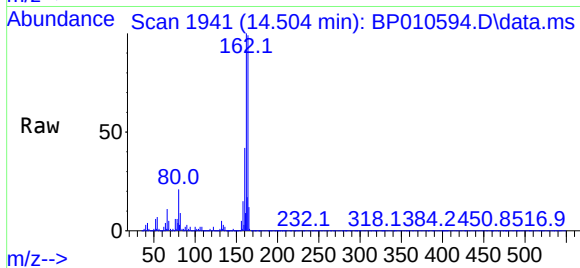
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

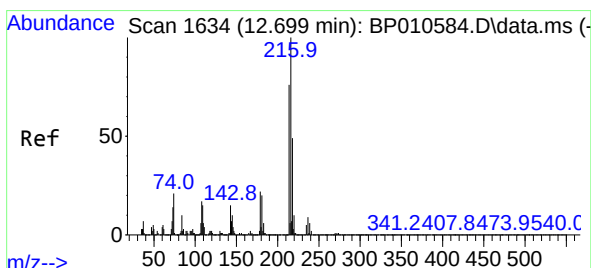
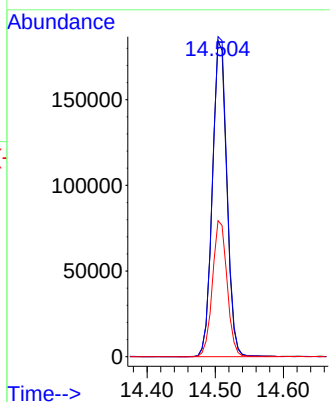
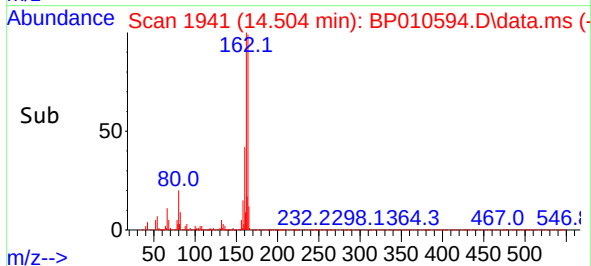


Tgt Ion:164 Resp: 271578
Ion Ratio Lower Upper
164 100
162 101.2 81.9 122.9
160 43.0 34.6 51.8

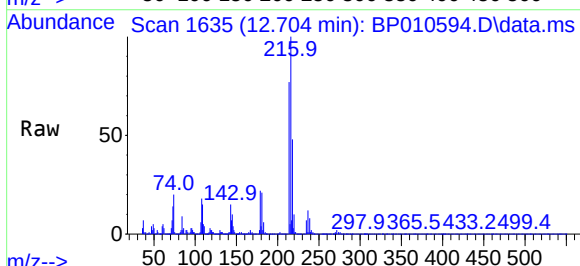
Manual Integrations

APPROVED

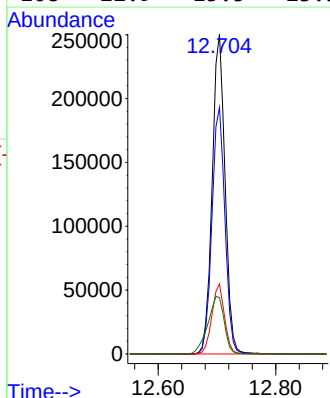
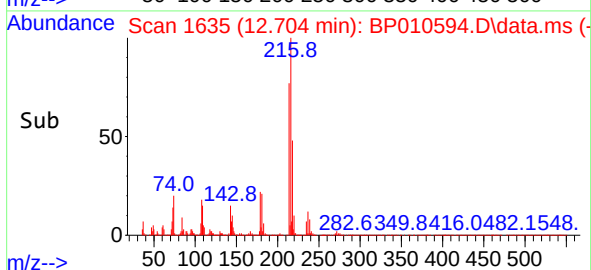
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

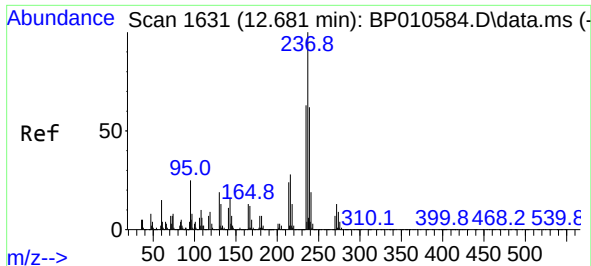


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.926 ng
RT: 12.704 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



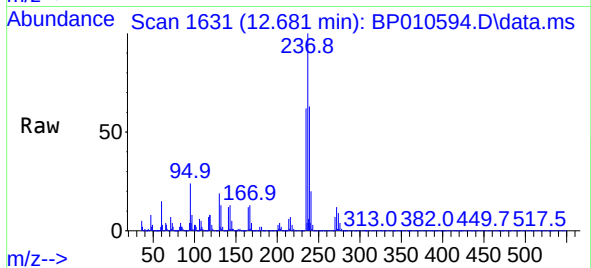
Tgt Ion:216 Resp: 379549
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
179 21.6 17.0 25.6
108 22.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 110.647 ng
RT: 12.681 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

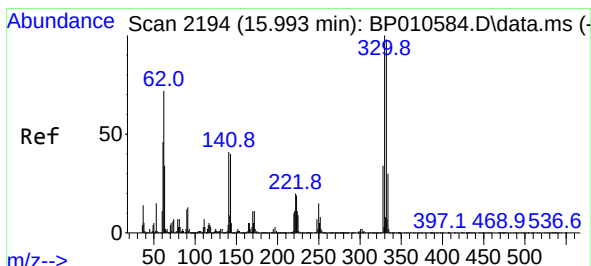
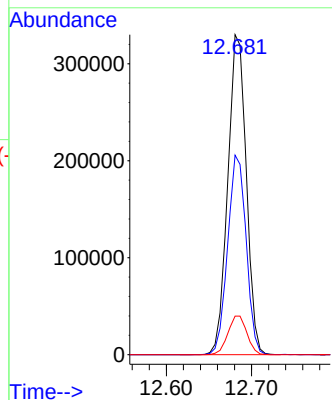
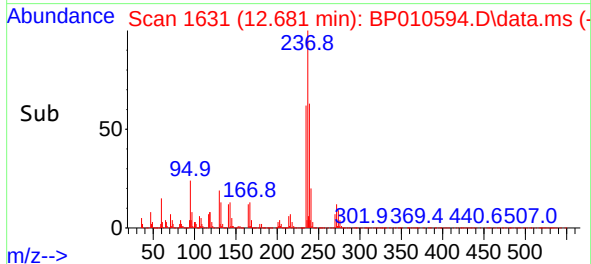
Instrument :
BNA_P
ClientSampleId :
PB145012BS



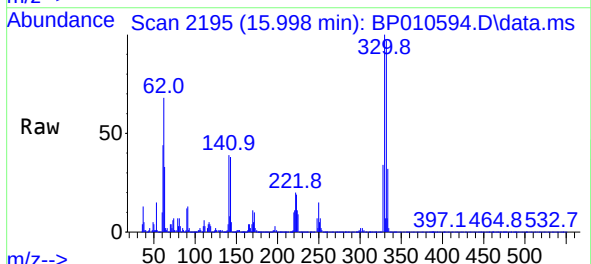
Tgt Ion: 237 Resp: 49761
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 12.0 0.0 33.0

Manual Integrations
APPROVED

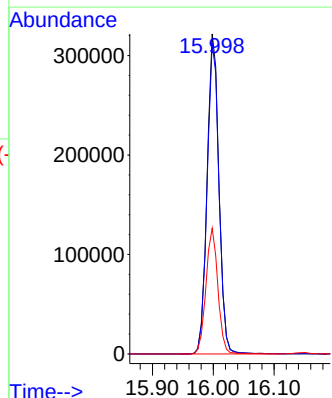
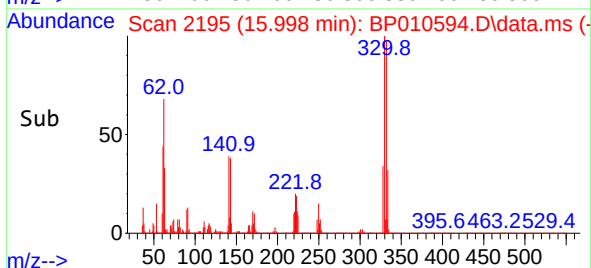
Reviewed By : Christian Giraldo 05/29/2022
Supervised By : Jagrut Upadhyay 05/31/2022

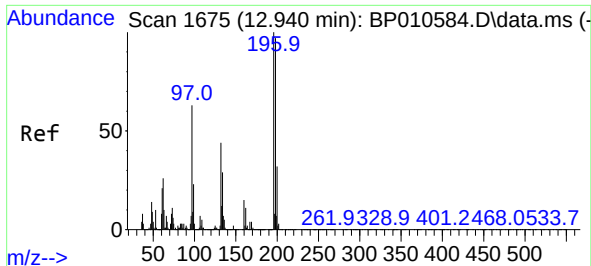


#42
2,4,6-Tribromophenol
Concen: 141.259 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



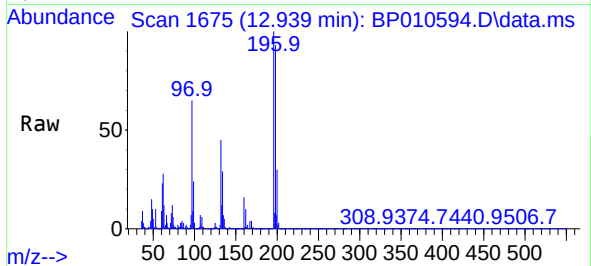
Tgt Ion: 330 Resp: 434251
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 39.6 31.4 47.2





#43
2,4,6-Trichlorophenol
Concen: 47.966 ng
RT: 12.939 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

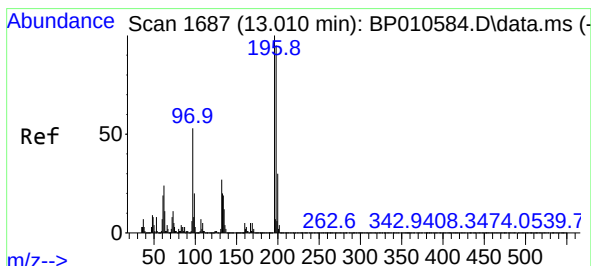
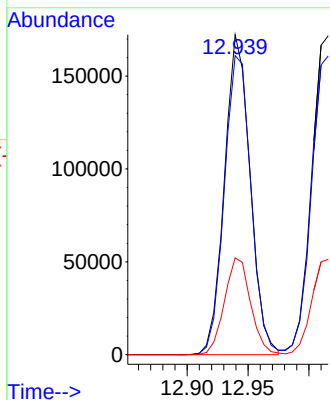
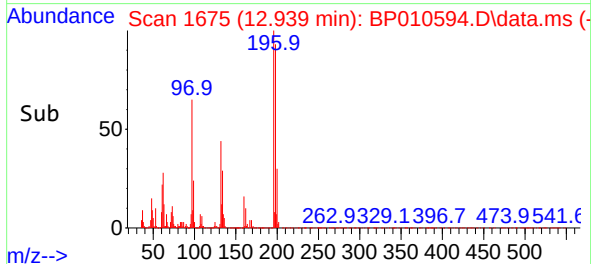
Instrument :
BNA_P
ClientSampleId :
PB145012BS



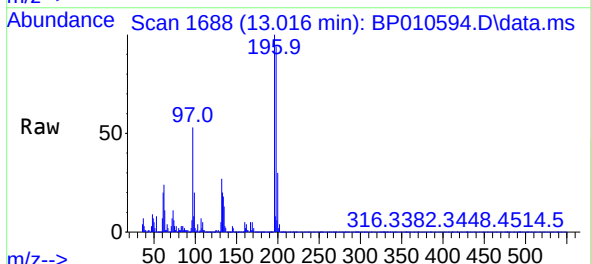
Tgt Ion:196 Resp: 252979
Ion Ratio Lower Upper
196 100
198 93.5 77.7 116.5
200 30.3 25.5 38.3

Manual Integrations
APPROVED

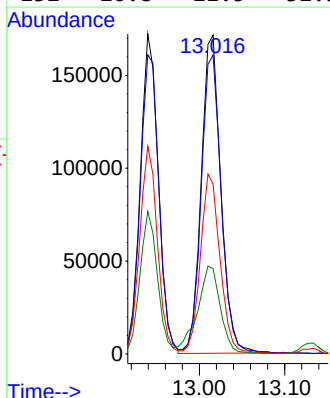
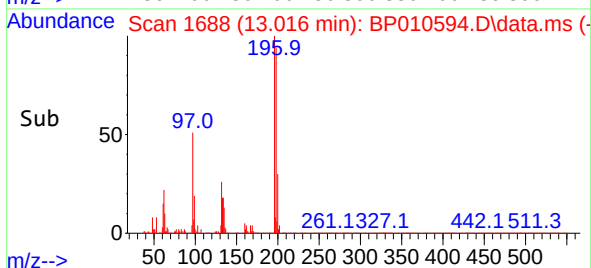
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

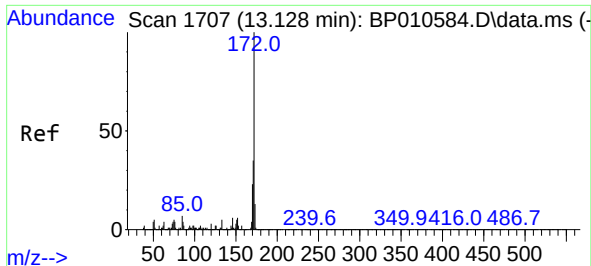


#44
2,4,5-Trichlorophenol
Concen: 45.984 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:196 Resp: 274321
Ion Ratio Lower Upper
196 100
198 93.7 75.7 113.5
97 53.3 42.4 63.6
132 26.8 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 87.147 ng
RT: 13.134 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

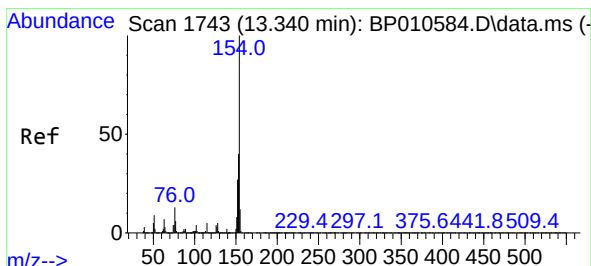
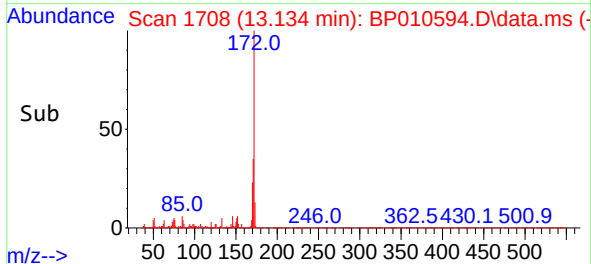
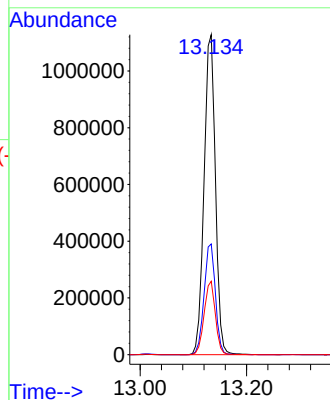
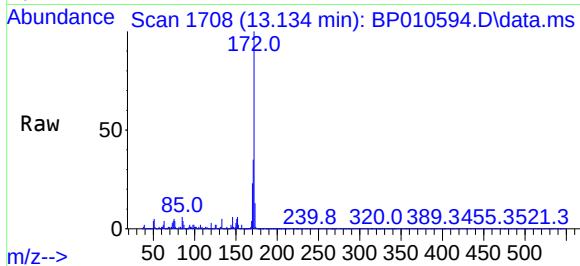
PB145012BS

Tgt Ion:172 Resp: 166759
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.0 18.2 27.2

Manual Integrations

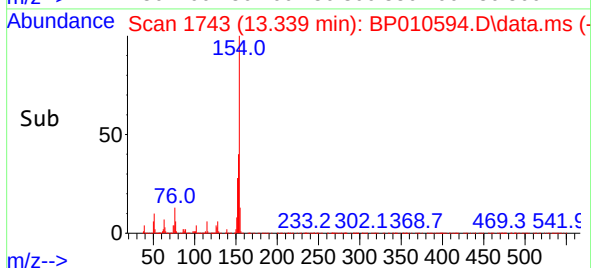
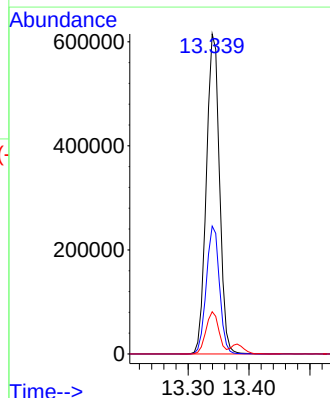
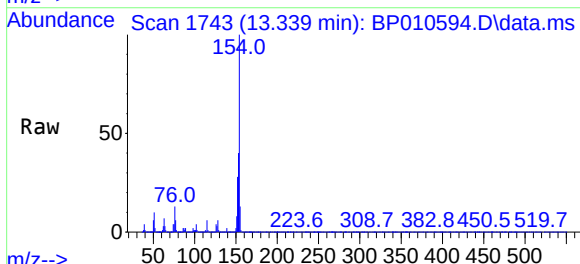
APPROVED

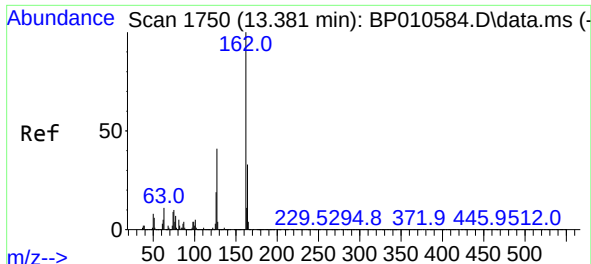
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#46
1,1'-Biphenyl
Concen: 45.478 ng
RT: 13.339 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:154 Resp: 921215
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 13.2 0.0 33.2





#47
2-Chloronaphthalene
Concen: 44.810 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

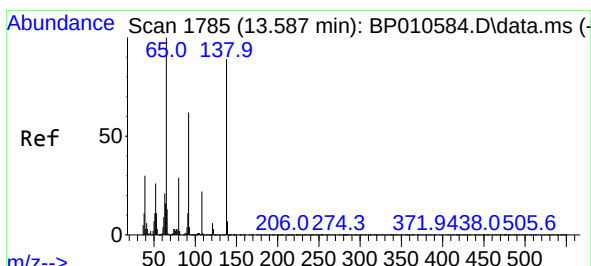
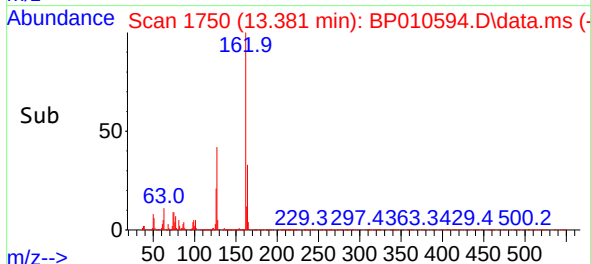
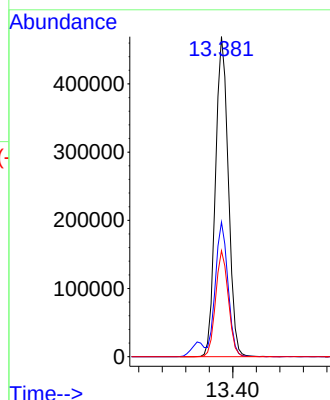
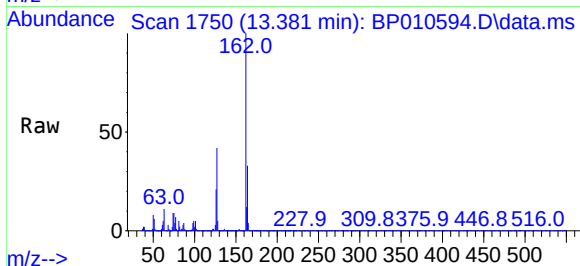
PB145012BS

Tgt Ion:162 Resp: 713460
Ion Ratio Lower Upper
162 100
127 42.1 32.4 48.6
164 33.1 26.3 39.5

Manual Integrations

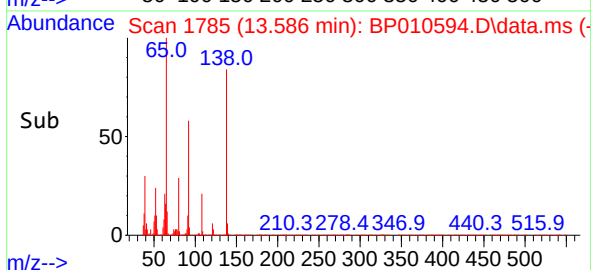
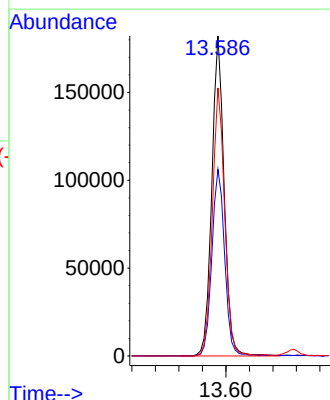
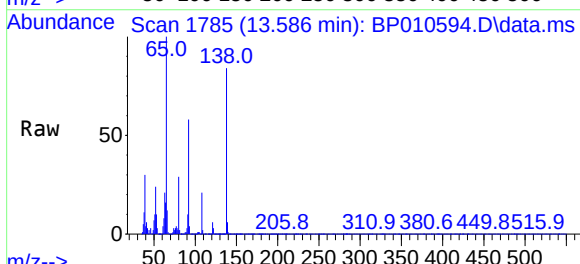
APPROVED

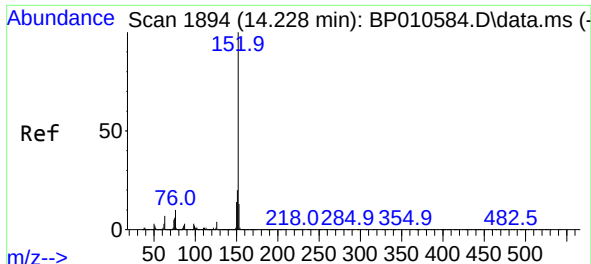
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#48
2-Nitroaniline
Concen: 48.064 ng
RT: 13.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion: 65 Resp: 265236
Ion Ratio Lower Upper
65 100
92 58.3 50.0 75.0
138 83.7 71.2 106.8





#49
Acenaphthylene
Concen: 48.639 ng
RT: 14.228 min Scan# 118952
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

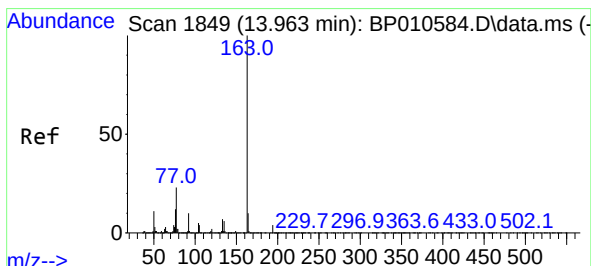
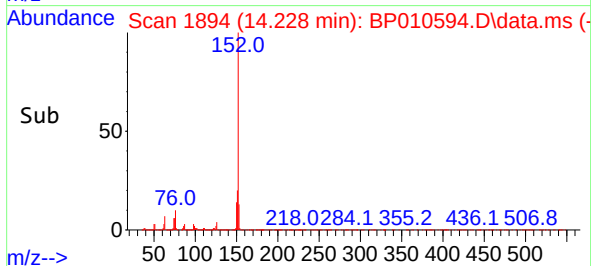
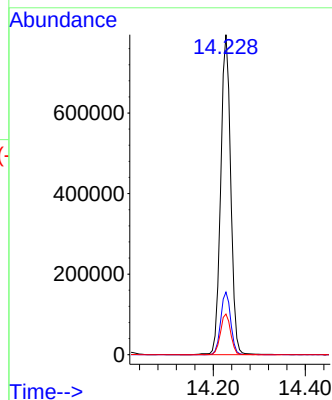
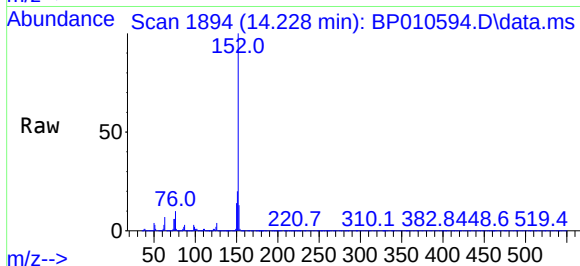
PB145012BS

Tgt Ion:152 Resp: 118952
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.7 10.4 15.6

Manual Integrations

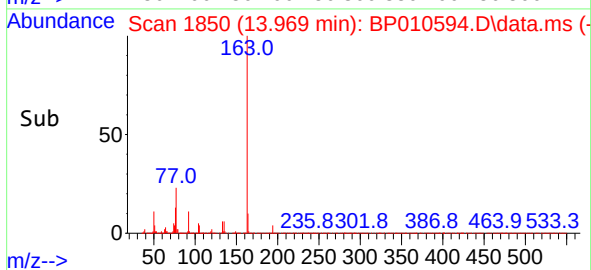
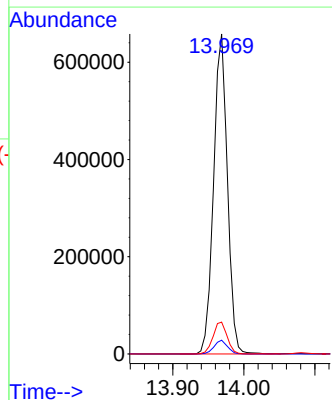
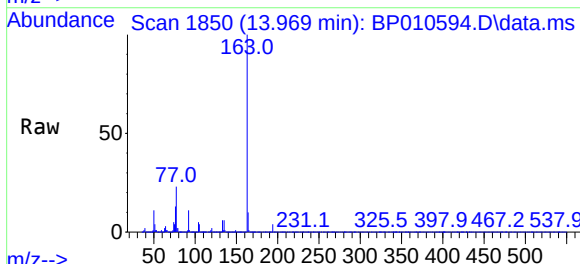
APPROVED

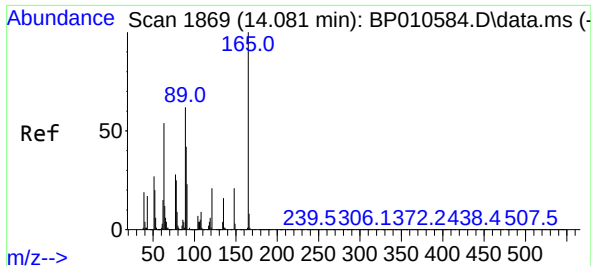
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#50
Dimethylphthalate
Concen: 45.402 ng
RT: 13.969 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:163 Resp: 887559
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 47.948 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

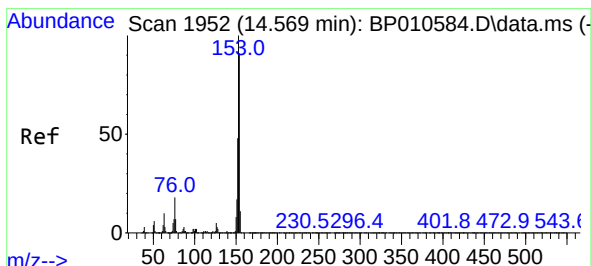
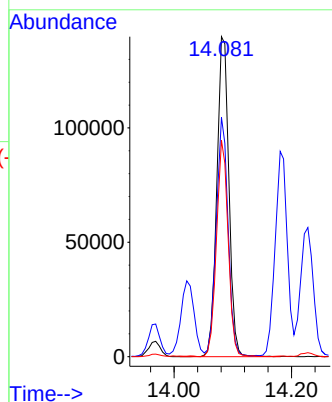
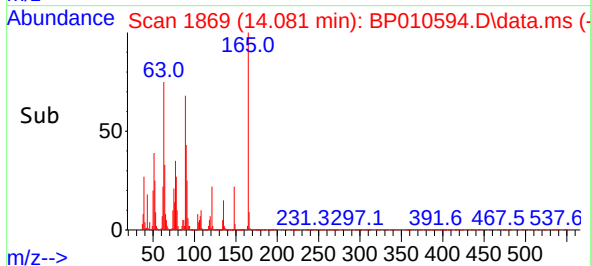
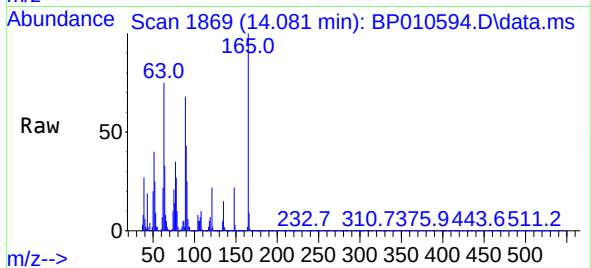
PB145012BS

Tgt Ion:165 Resp: 19933
Ion Ratio Lower Upper
165 100
63 74.7 57.3 85.9
89 67.6 50.2 75.2

Manual Integrations

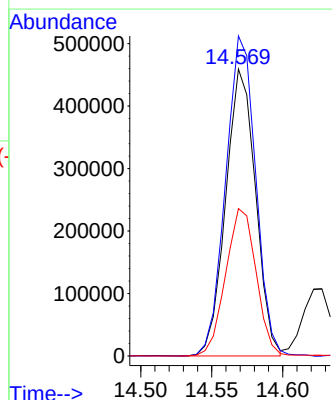
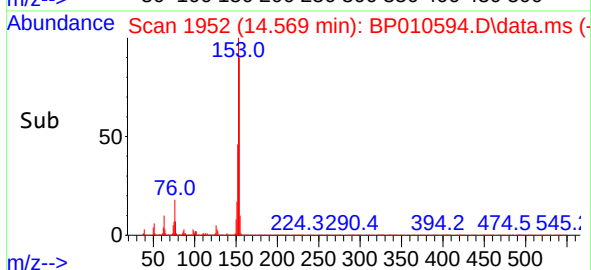
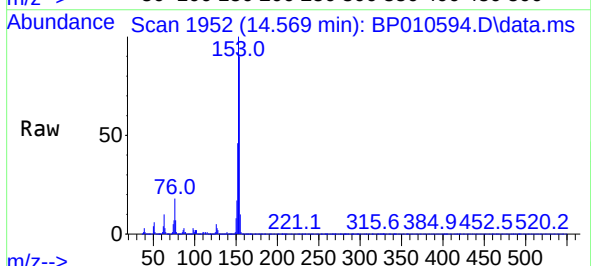
APPROVED

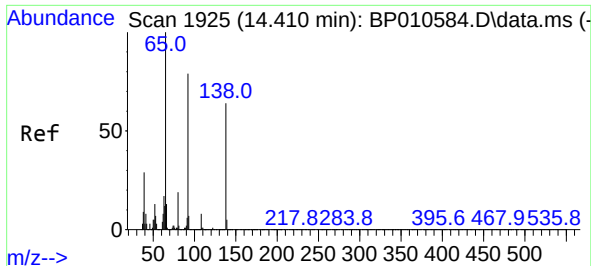
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#52
Acenaphthene
Concen: 44.675 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:154 Resp: 670781
Ion Ratio Lower Upper
154 100
153 111.6 87.4 131.2
152 51.4 41.7 62.5





#53
3-Nitroaniline
Concen: 31.497 ng
RT: 14.416 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

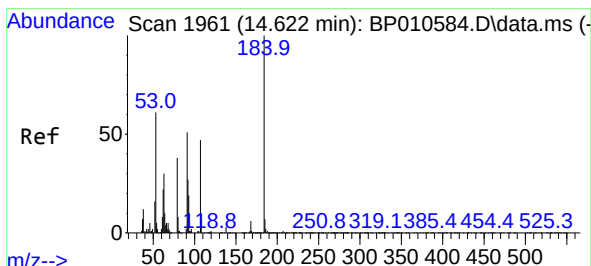
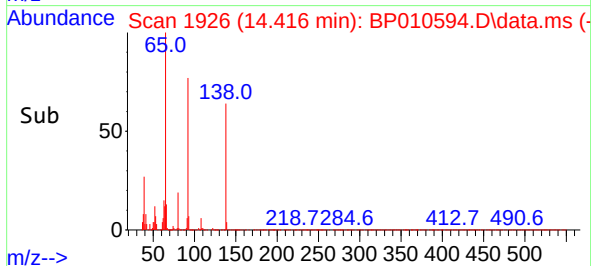
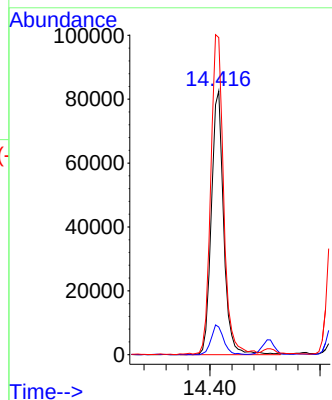
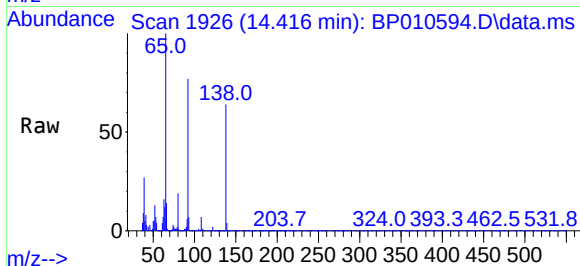
PB145012BS

Tgt Ion:138 Resp: 12824
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 120.3 99.9 149.9

Manual Integrations

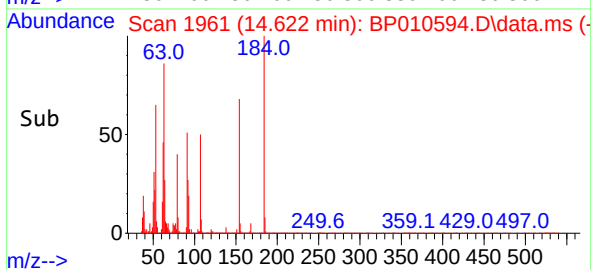
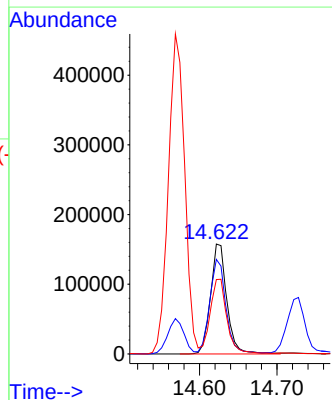
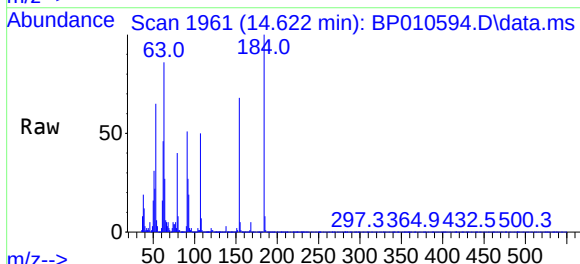
APPROVED

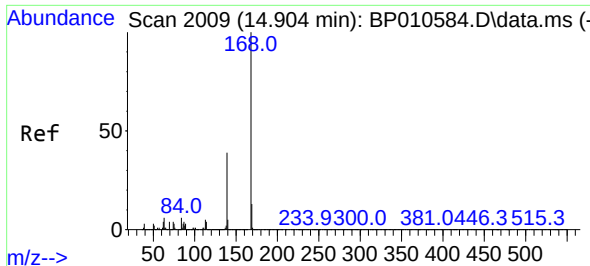
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#54
2,4-Dinitrophenol
Concen: 88.845 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:184 Resp: 229985
Ion Ratio Lower Upper
184 100
63 86.0 65.4 98.2
154 67.7 55.4 83.2





#55
Dibenzenofuran
Concen: 46.250 ng
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

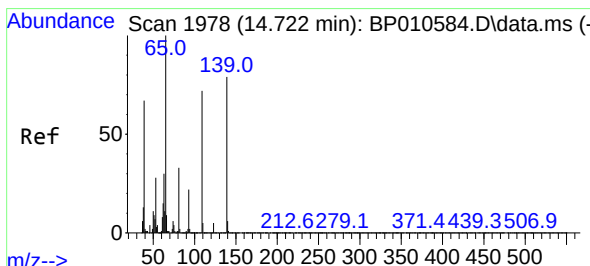
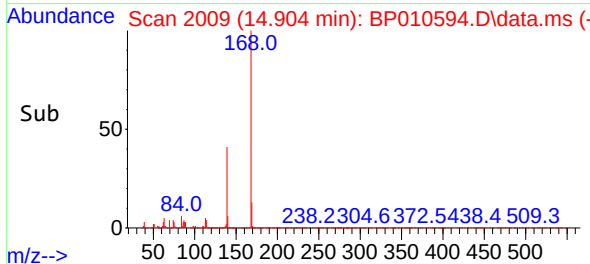
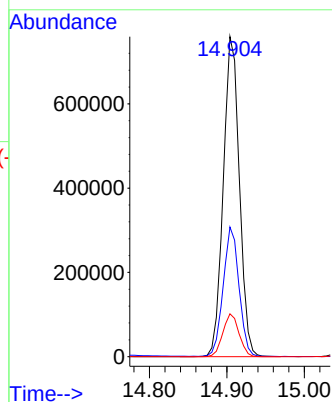
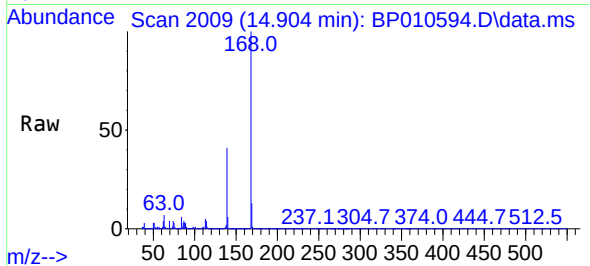
PB145012BS

Tgt Ion:168 Resp: 1098138
Ion Ratio Lower Upper
168 100
139 40.5 31.5 47.3
169 13.4 10.3 15.5

Manual Integrations

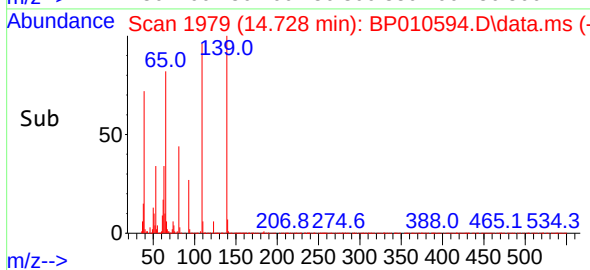
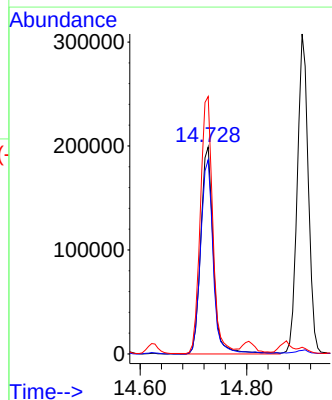
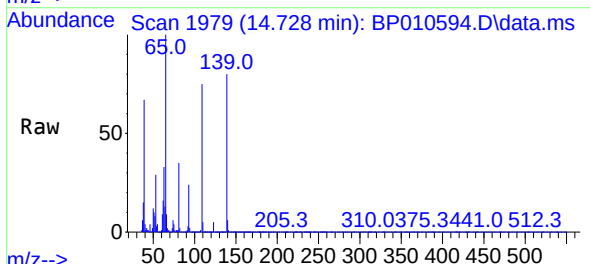
APPROVED

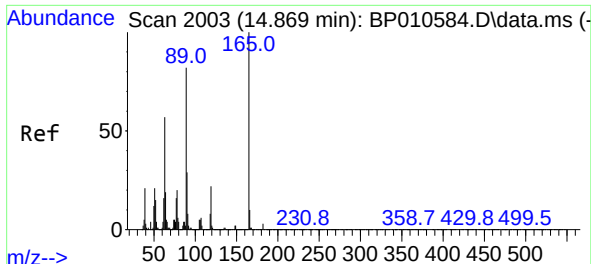
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#56
4-Nitrophenol
Concen: 94.473 ng
RT: 14.728 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:139 Resp: 325950
Ion Ratio Lower Upper
139 100
109 93.8 70.6 110.6
65 124.3 106.6 146.6





#57
2,4-Dinitrotoluene
Concen: 50.334 ng
RT: 14.875 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

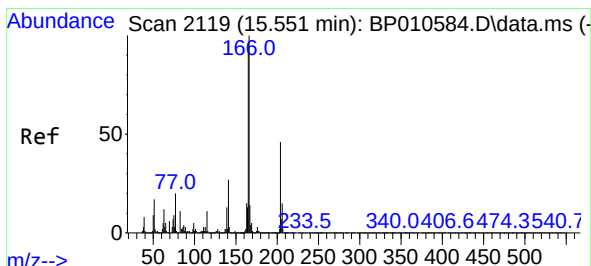
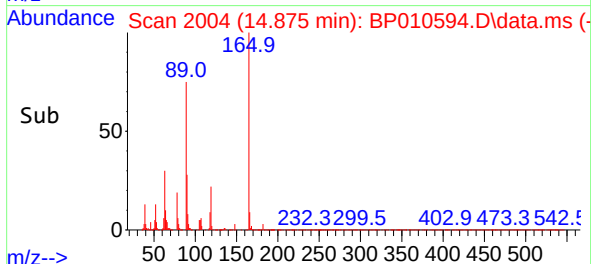
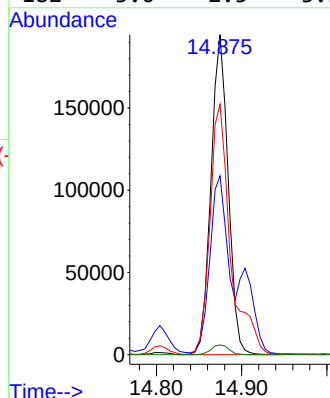
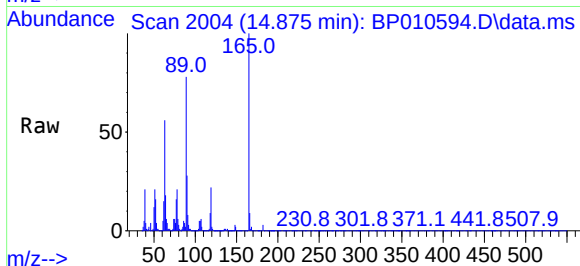
PB145012BS

Tgt Ion:165 Resp: 272379
Ion Ratio Lower Upper
165 100
63 55.9 46.2 69.2
89 78.3 65.8 98.8
182 3.0 2.3 3.5

Manual Integrations

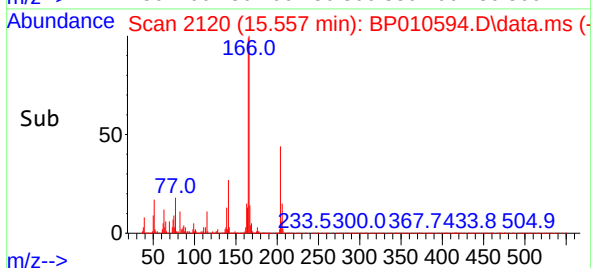
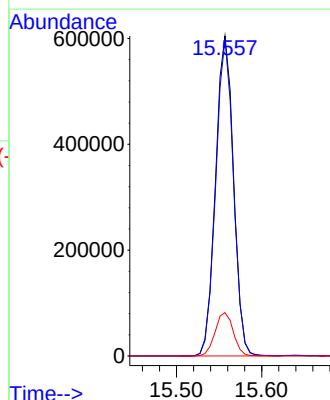
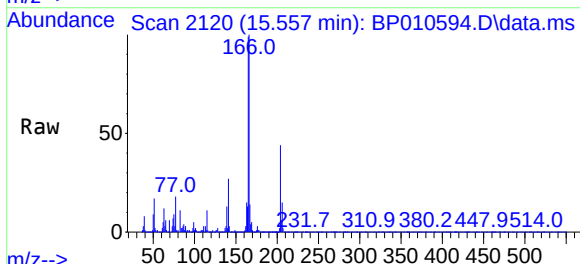
APPROVED

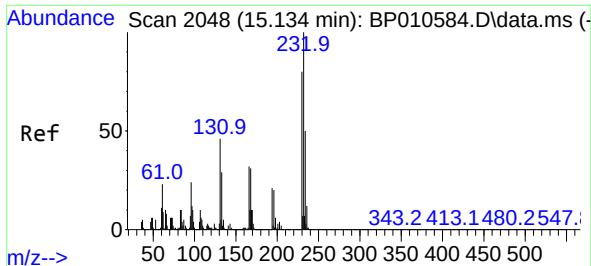
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#58
Fluorene
Concen: 45.651 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

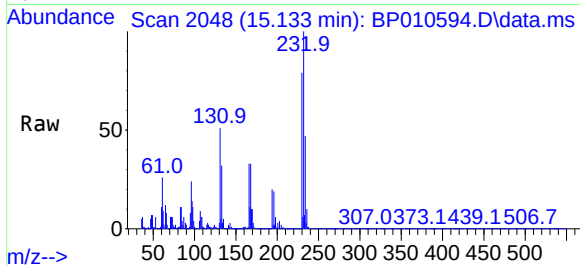
Tgt Ion:166 Resp: 886141
Ion Ratio Lower Upper
166 100
165 99.0 77.0 115.4
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.837 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

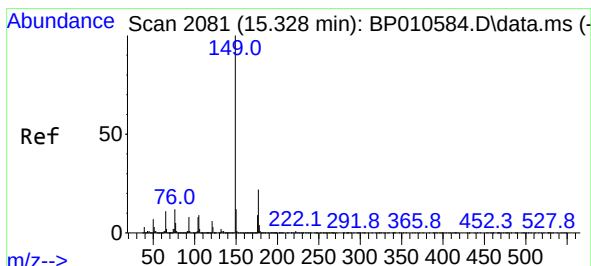
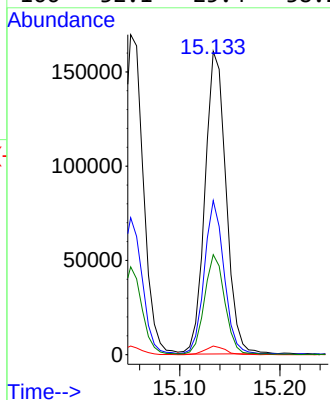
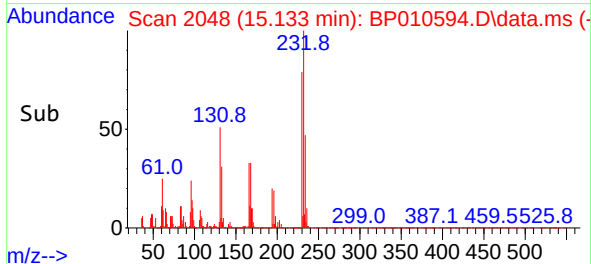
Instrument :
BNA_P
ClientSampleId :
PB145012BS



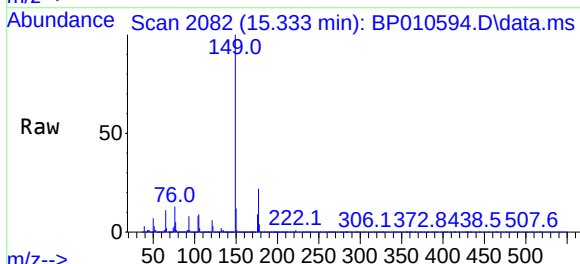
Tgt Ion:232 Resp: 234400
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.6
130 2.8 2.2 3.2
166 32.1 25.4 38.2

Manual Integrations
APPROVED

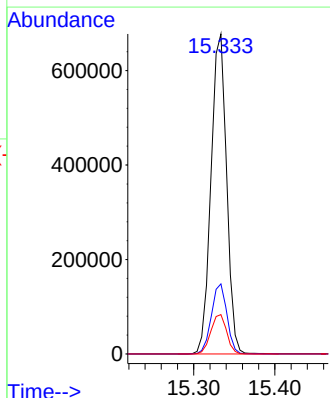
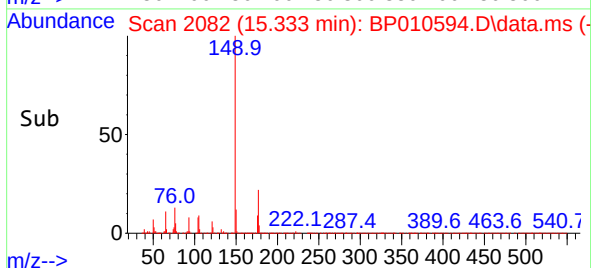
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

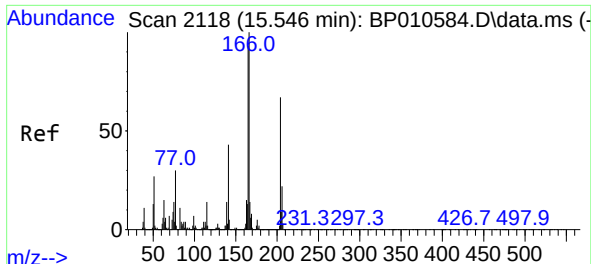


#60
Diethylphthalate
Concen: 46.398 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:149 Resp: 902917
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.3 9.9 14.9





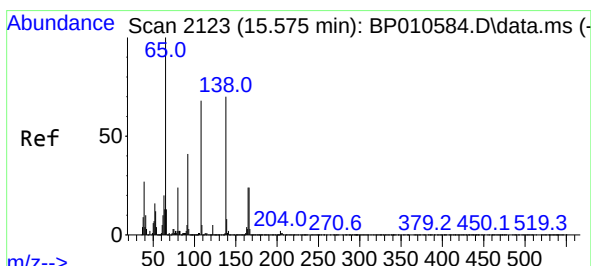
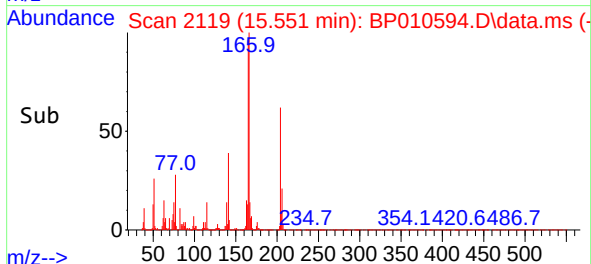
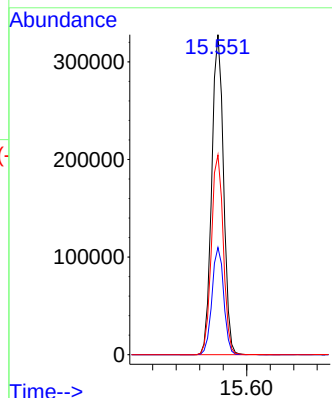
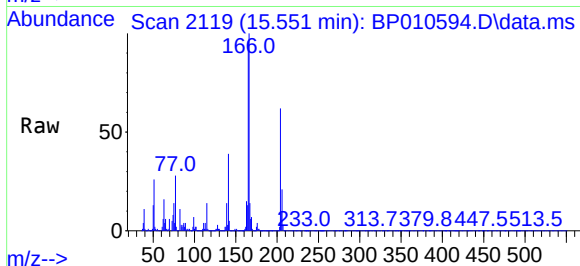
#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 15.551 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion:204 Resp: 45504
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 62.4 51.1 76.7

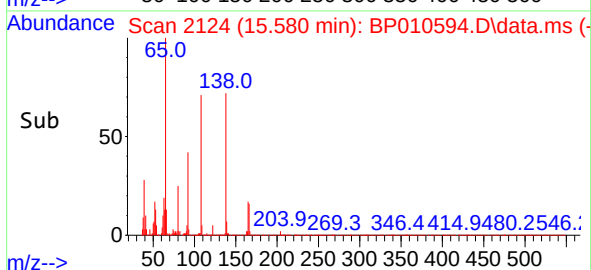
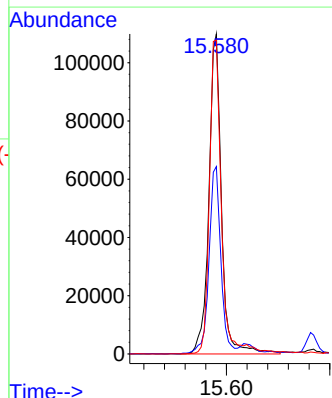
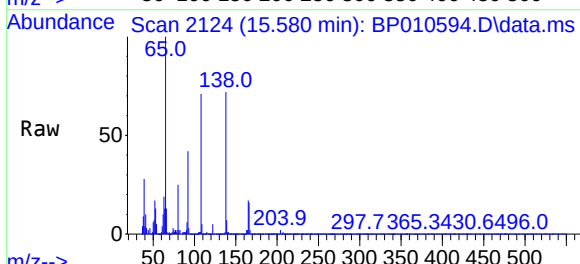
Manual Integrations
APPROVED

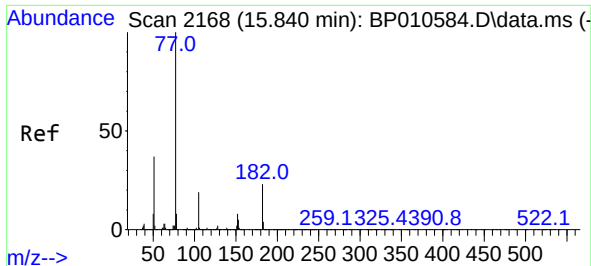
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#62
4-Nitroaniline
Concen: 43.036 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:138 Resp: 185494
Ion Ratio Lower Upper
138 100
92 58.5 38.0 78.0
108 98.1 77.6 117.6





#63
Azobenzene
Concen: 46.767 ng
RT: 15.845 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

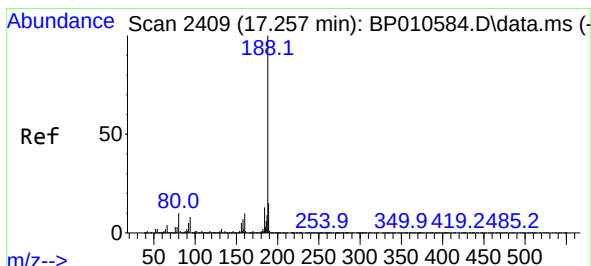
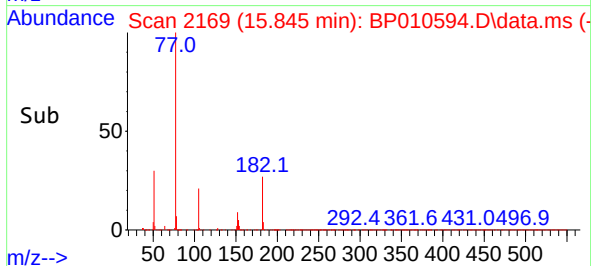
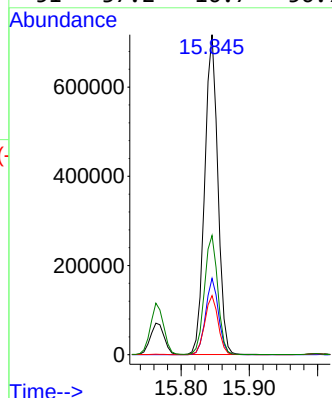
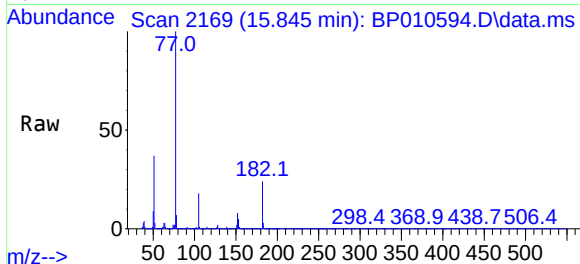
PB145012BS

Tgt Ion: 77 Resp: 96118
Ion Ratio Lower Upper
77 100
182 23.9 3.0 43.0
105 18.5 0.0 38.6
51 37.2 16.7 56.7

Manual Integrations

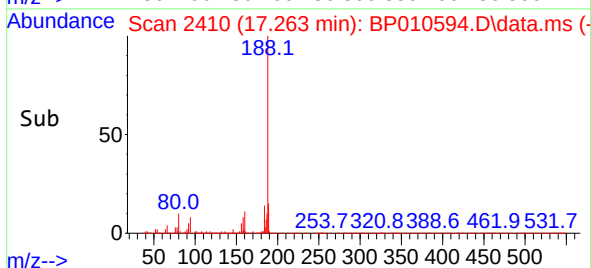
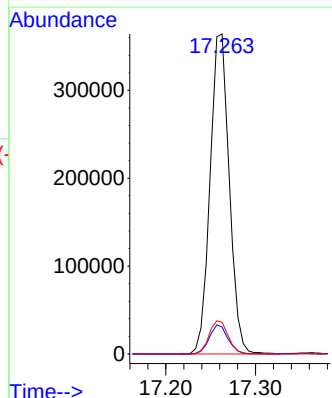
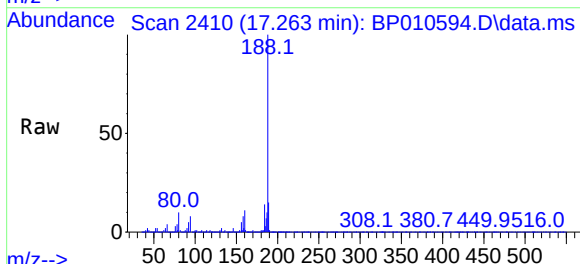
APPROVED

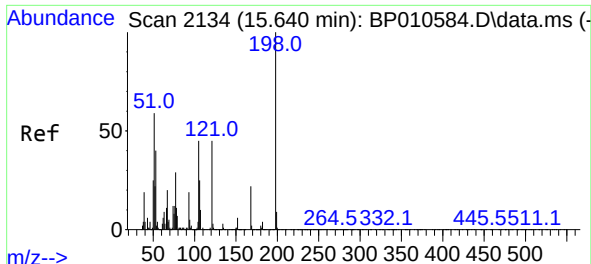
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

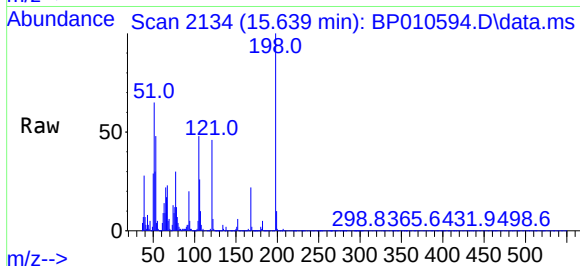
Tgt Ion:188 Resp: 541181
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.9 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.671 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

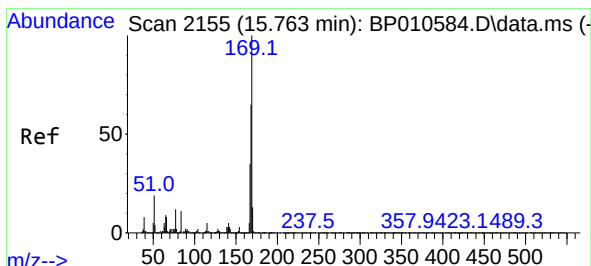
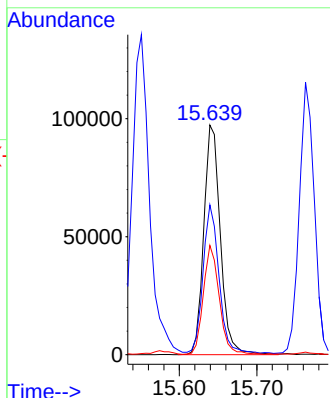
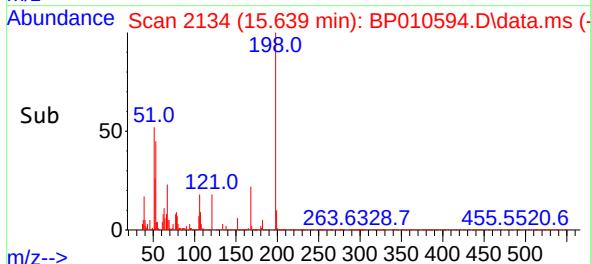
Instrument :
BNA_P
ClientSampleId :
PB145012BS



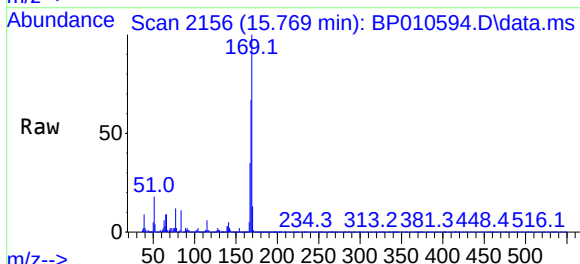
Tgt Ion:198 Resp: 144708
Ion Ratio Lower Upper
198 100
51 65.3 41.2 81.2
105 47.6 25.3 65.3

Manual Integrations
APPROVED

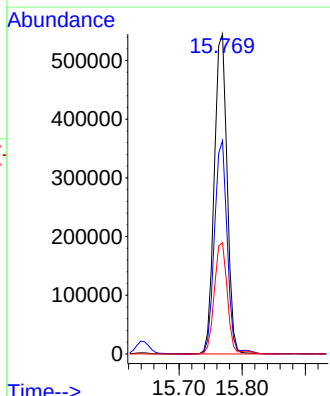
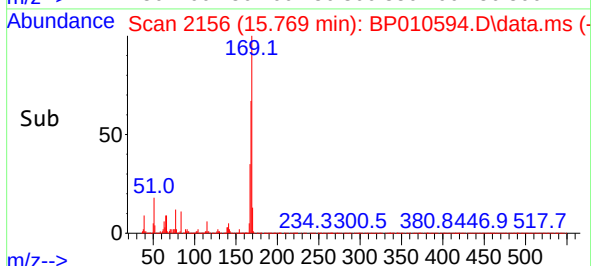
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

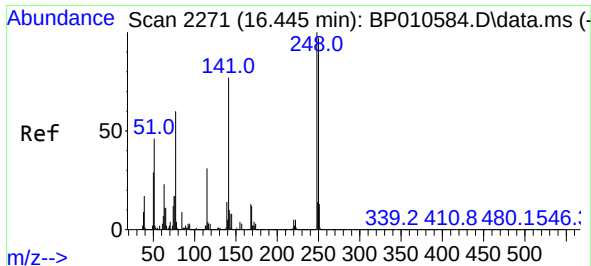


#66
n-Nitrosodiphenylamine
Concen: 47.042 ng
RT: 15.769 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:169 Resp: 766555
Ion Ratio Lower Upper
169 100
168 66.7 51.8 77.8
167 34.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 46.336 ng
RT: 16.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

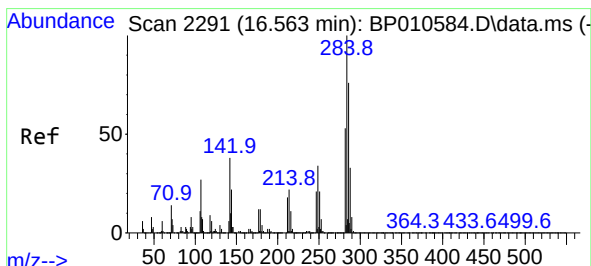
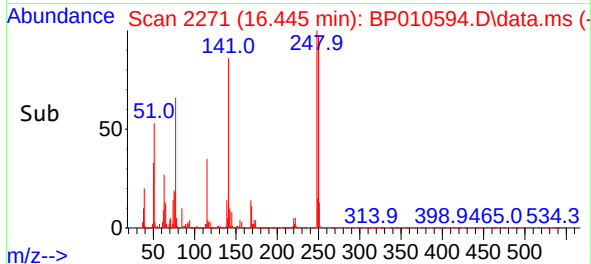
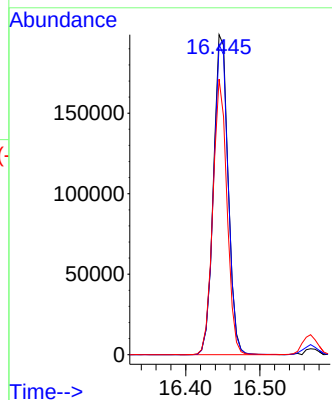
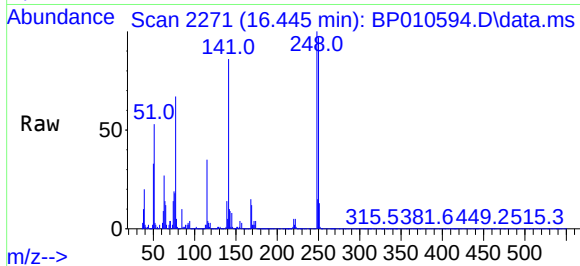
PB145012BS

Tgt Ion:248 Resp: 272790
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 86.1 62.0 93.0

Manual Integrations

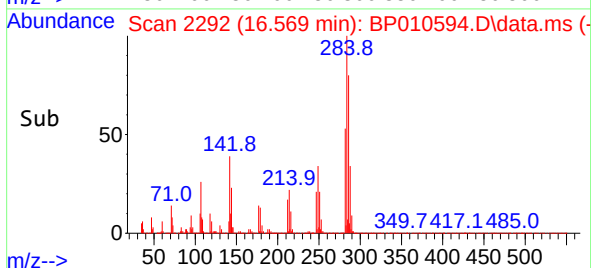
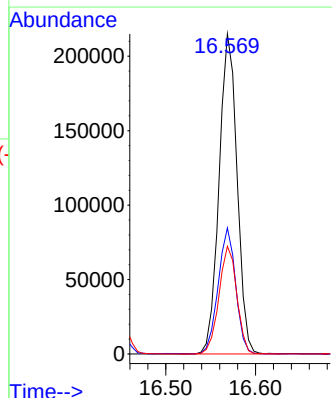
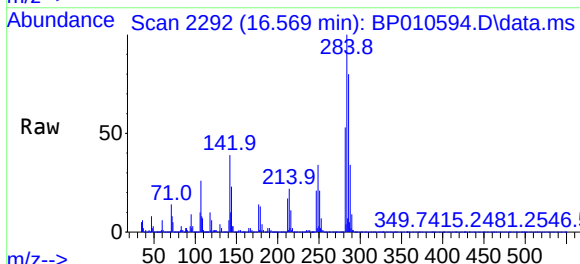
APPROVED

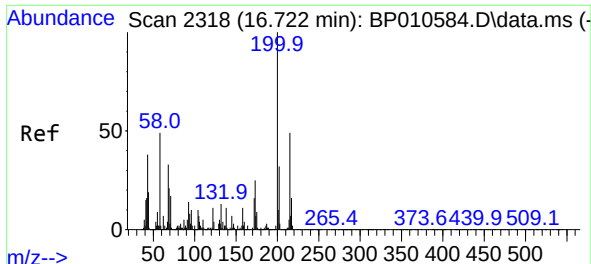
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#68
Hexachlorobenzene
Concen: 46.054 ng
RT: 16.569 min Scan# 2292
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

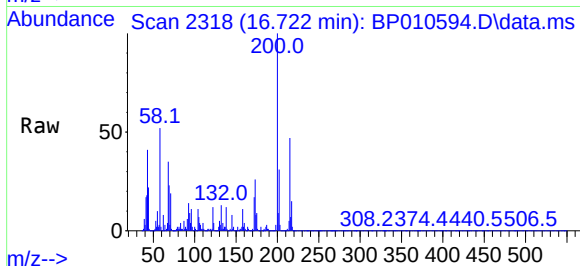
Tgt Ion:284 Resp: 299487
Ion Ratio Lower Upper
284 100
142 39.4 30.8 46.2
249 33.7 26.8 40.2





#69
Atrazine
Concen: 51.206 ng
RT: 16.722 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

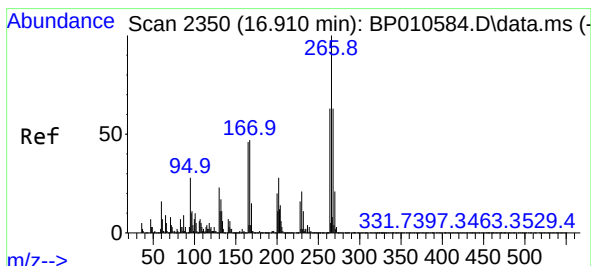
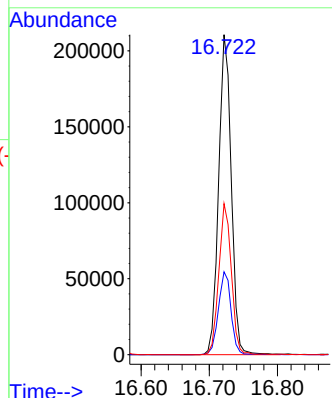
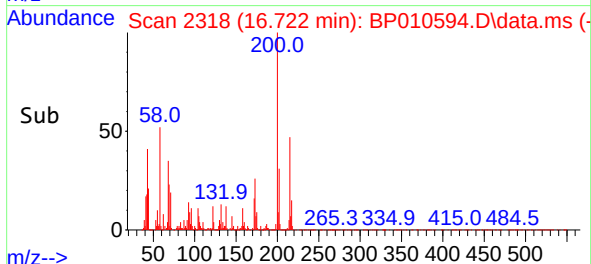
Instrument :
BNA_P
ClientSampleId :
PB145012BS



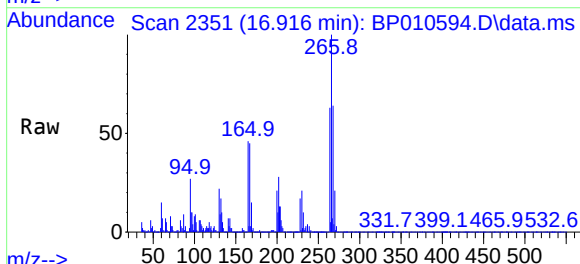
Tgt Ion:200 Resp: 27064
Ion Ratio Lower Upper
200 100
173 25.9 5.3 45.3
215 47.2 29.4 69.4

Manual Integrations
APPROVED

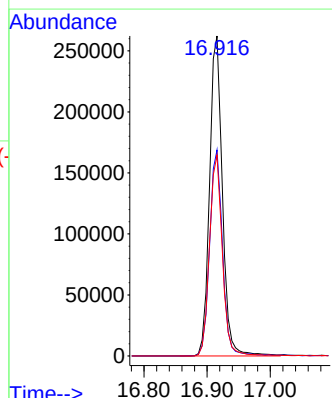
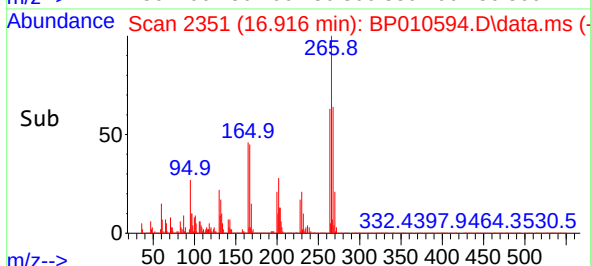
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

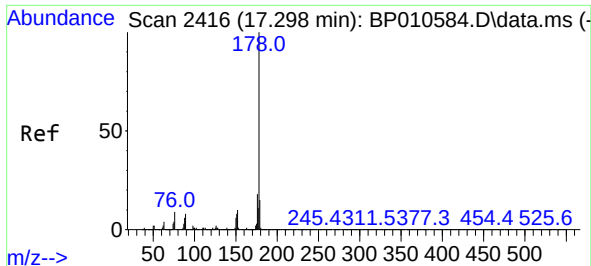


#70
Pentachlorophenol
Concen: 98.907 ng
RT: 16.916 min Scan# 2351
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



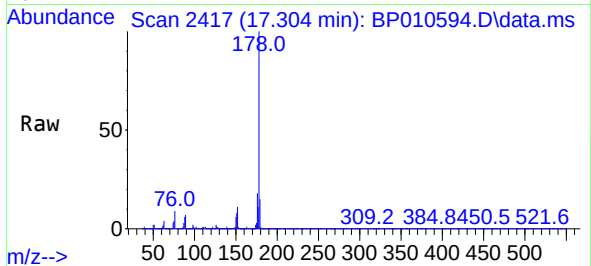
Tgt Ion:266 Resp: 369215
Ion Ratio Lower Upper
266 100
268 64.3 50.5 75.7
264 62.7 50.4 75.6





#71
Phenanthrene
Concen: 45.935 ng
RT: 17.304 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

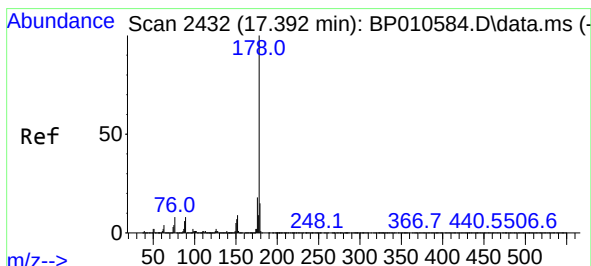
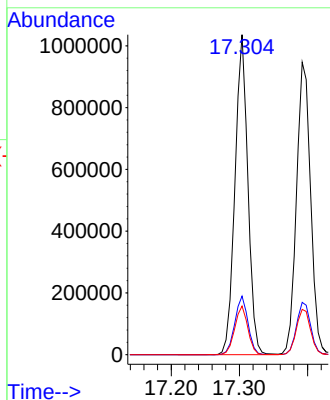
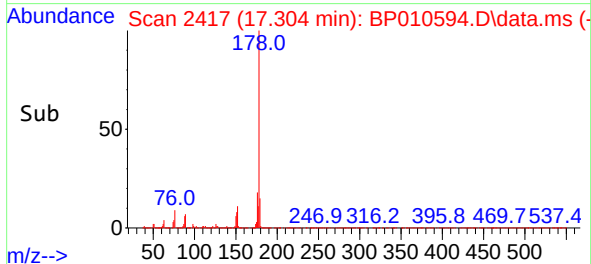
Instrument :
BNA_P
ClientSampleId :
PB145012BS



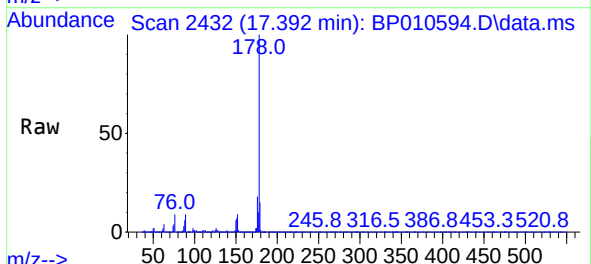
Tgt Ion:178 Resp: 1363272
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2

Manual Integrations
APPROVED

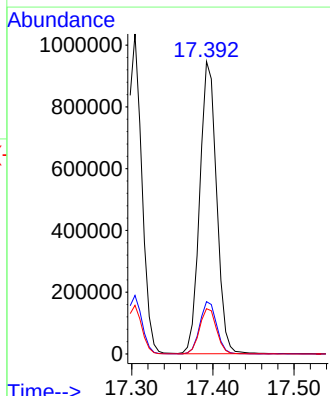
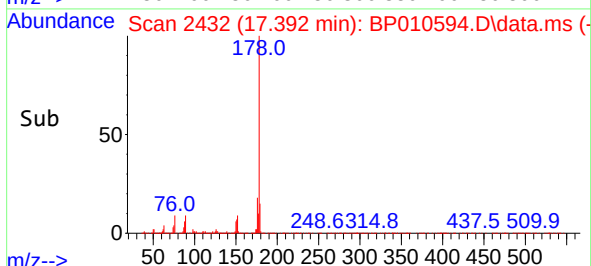
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

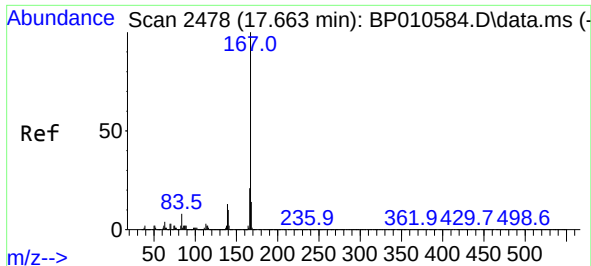


#72
Anthracene
Concen: 47.996 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



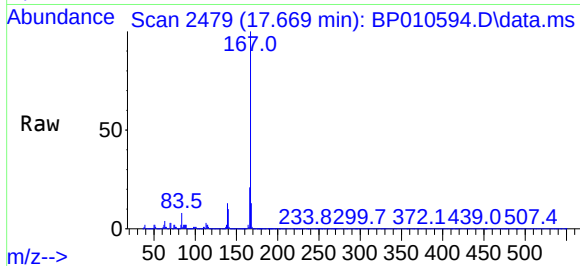
Tgt Ion:178 Resp: 1363967
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.5 12.2 18.4





#73
Carbazole
Concen: 50.120 ng
RT: 17.669 min Scan# 2478
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

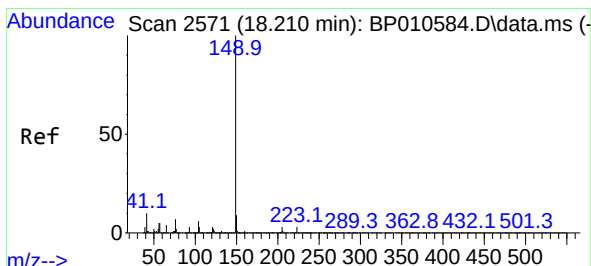
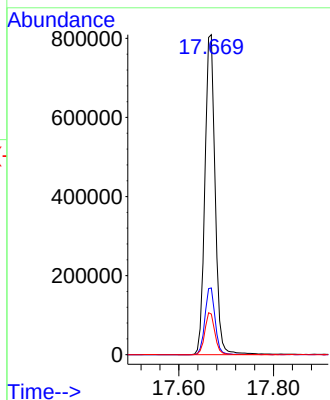
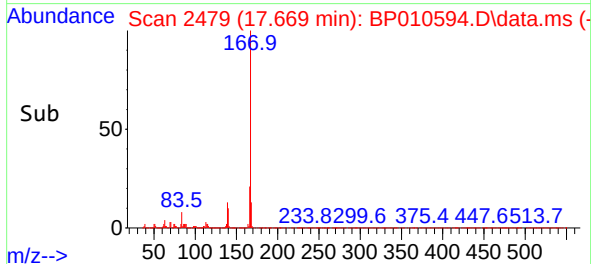
Instrument :
BNA_P
ClientSampleId :
PB145012BS



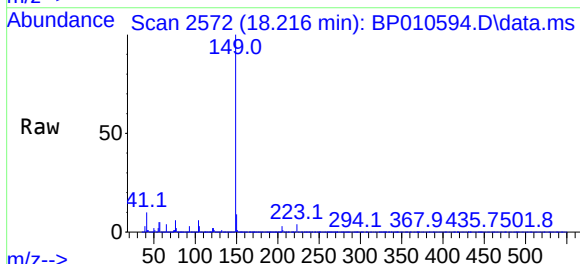
Tgt Ion:167 Resp: 121052
Ion Ratio Lower Upper
167 100
166 20.8 16.9 25.3
139 12.7 10.6 15.8

Manual Integrations
APPROVED

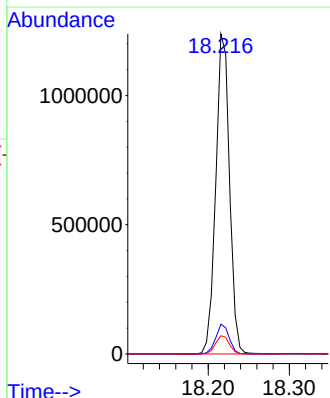
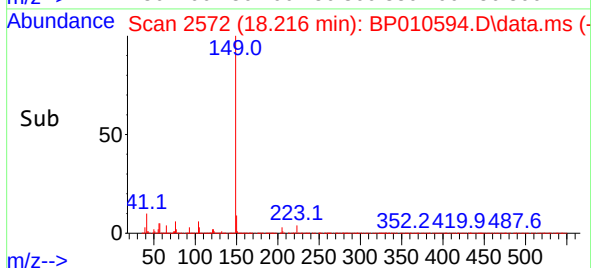
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

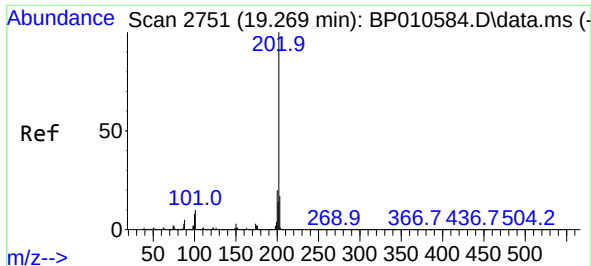


#74
Di-n-butylphthalate
Concen: 47.525 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion:149 Resp: 1459274
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 46.454 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

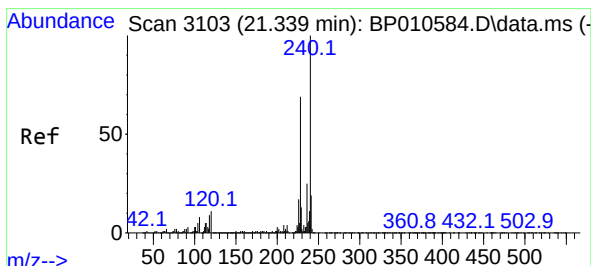
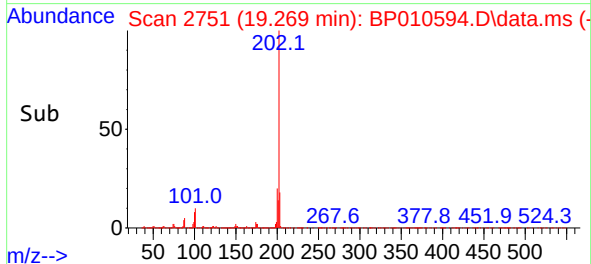
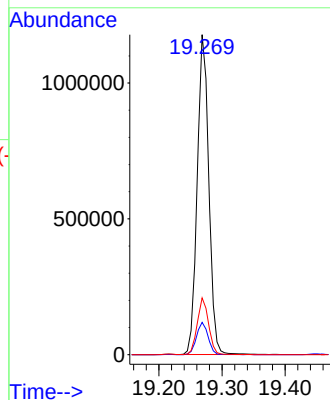
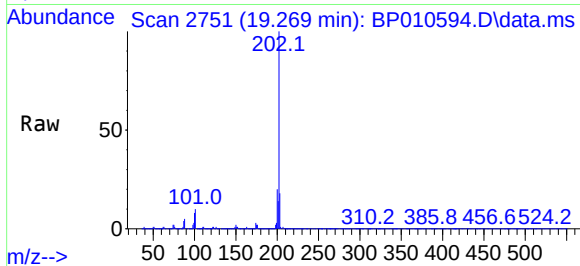
PB145012BS

Tgt Ion:202 Resp: 149743
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.8 0.0 36.9

Manual Integrations

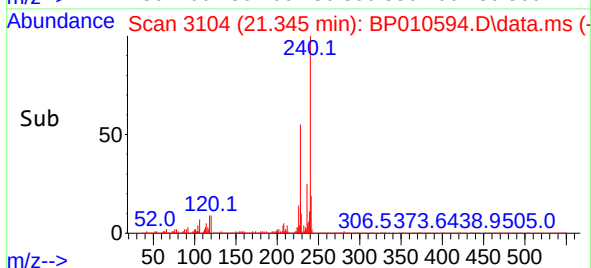
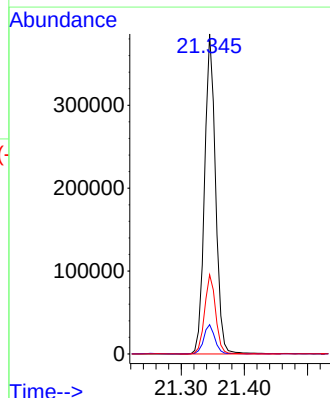
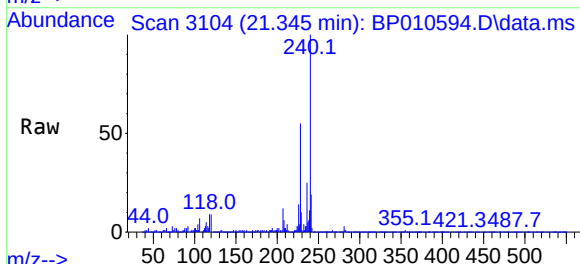
APPROVED

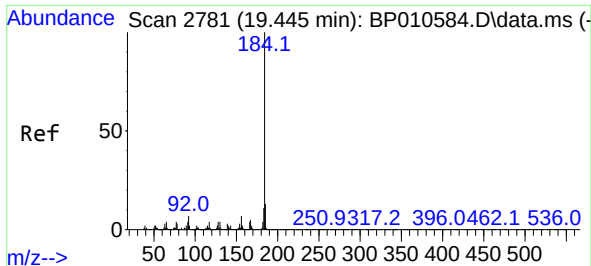
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:240 Resp: 467436
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 24.8 19.8 29.6





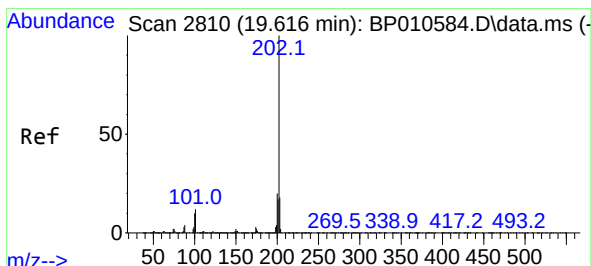
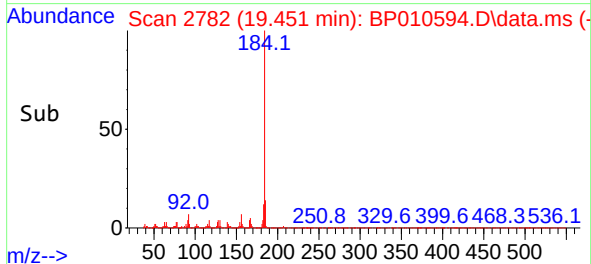
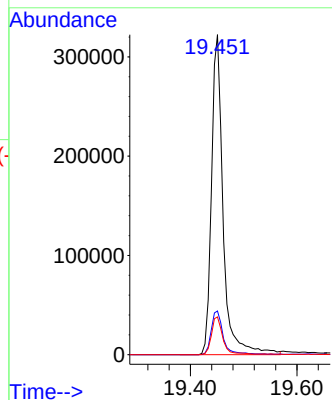
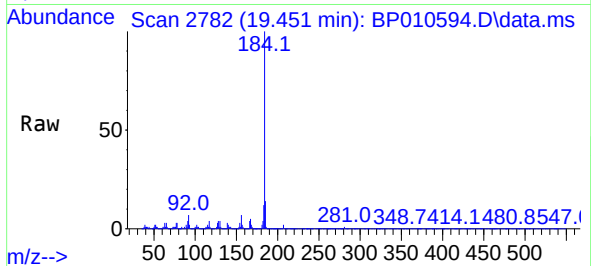
#77
Benzidine
Concen: 54.503 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :
BNA_P
ClientSampleId :
PB145012BS

Tgt Ion:184 Resp: 48939
Ion Ratio Lower Upper
184 100
185 13.7 10.7 16.1
183 11.8 9.0 13.6

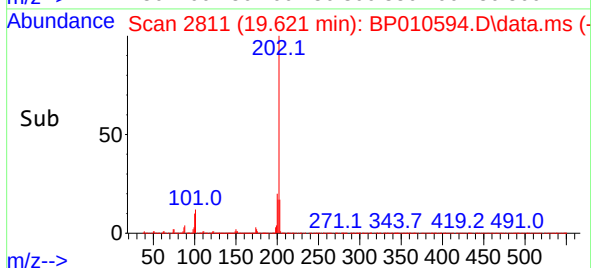
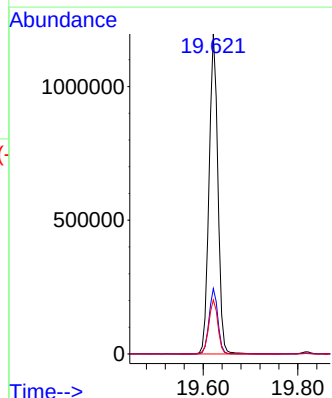
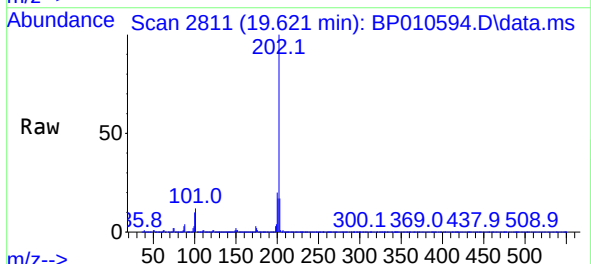
Manual Integrations
APPROVED

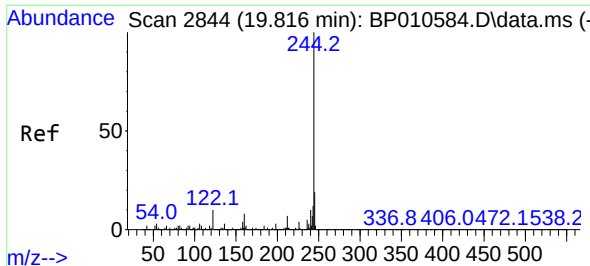
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 47.317 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.005 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:202 Resp: 1541369
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 16.9 14.2 21.4





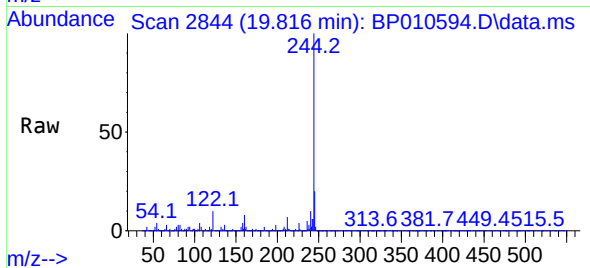
#79
Terphenyl-d14
Concen: 96.353 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

PB145012BS

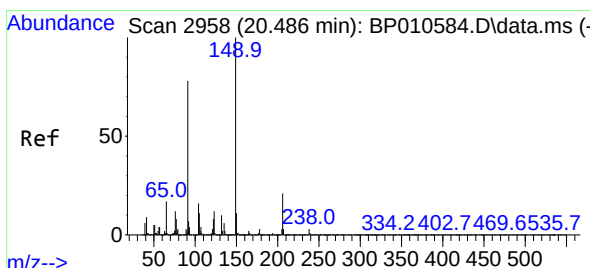
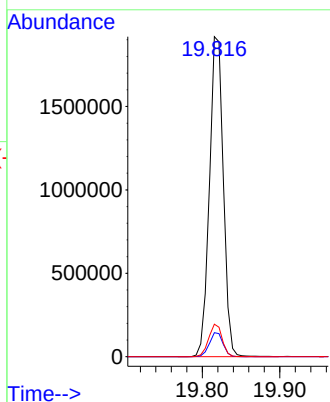
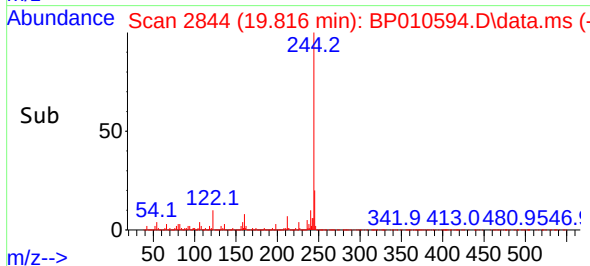


Tgt Ion:244 Resp: 2397850
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.1 7.6 11.4

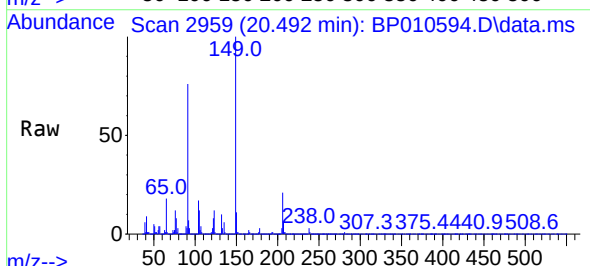
Manual Integrations

APPROVED

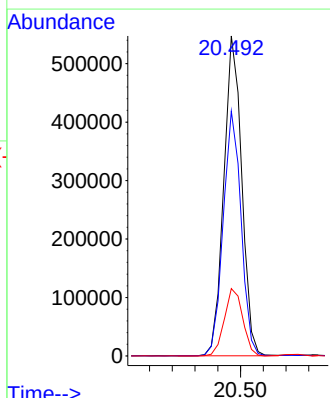
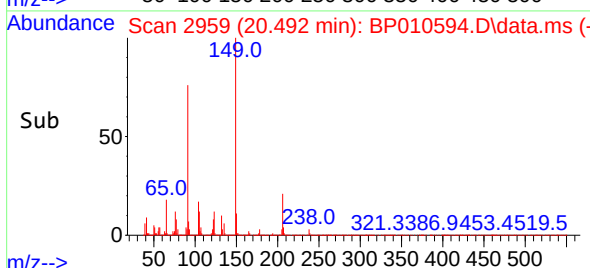
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

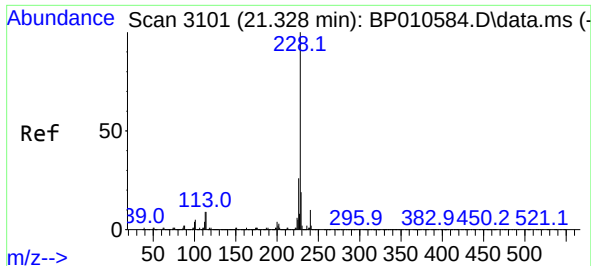


#80
Butylbenzylphthalate
Concen: 46.769 ng
RT: 20.492 min Scan# 2959
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



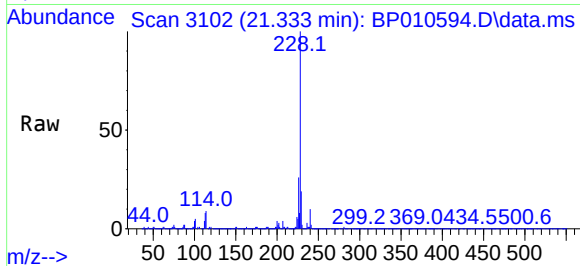
Tgt Ion:149 Resp: 600026
Ion Ratio Lower Upper
149 100
91 76.5 62.5 93.7
206 21.0 17.0 25.4





#81
Benzo(a)anthracene
Concen: 46.165 ng
RT: 21.333 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

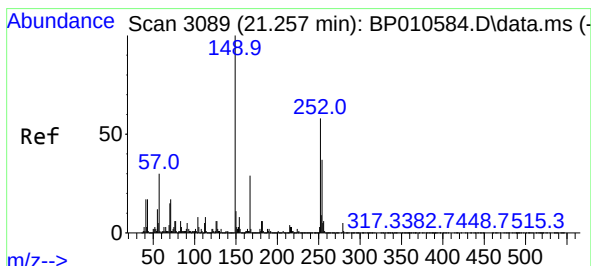
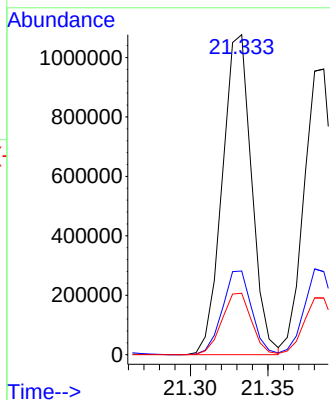
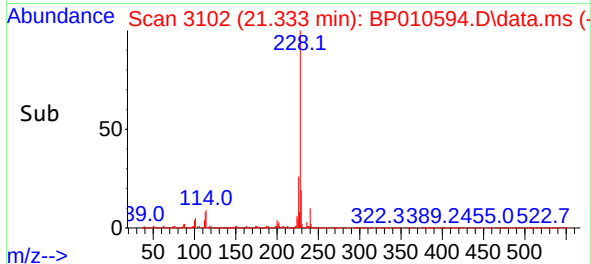
Instrument :
BNA_P
ClientSampleId :
PB145012BS



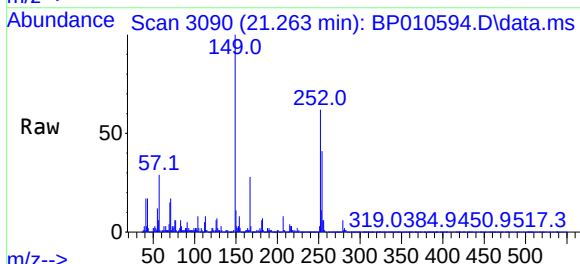
Tgt Ion:228 Resp: 141584
Ion Ratio Lower Upper
228 100
226 26.2 20.8 31.2
229 19.2 15.2 22.8

Manual Integrations
APPROVED

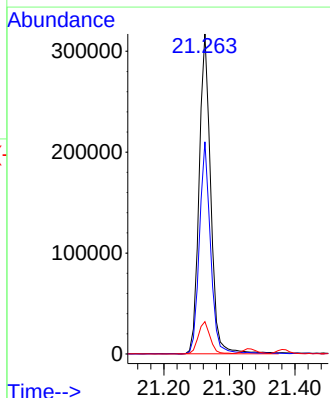
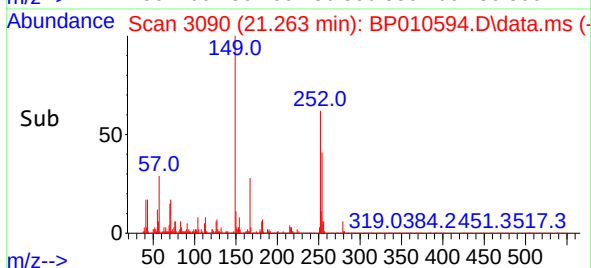
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

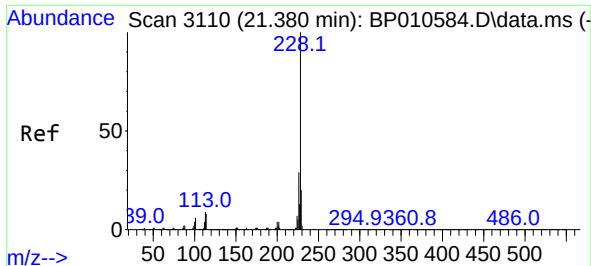


#82
3,3'-Dichlorobenzidine
Concen: 46.380 ng
RT: 21.263 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



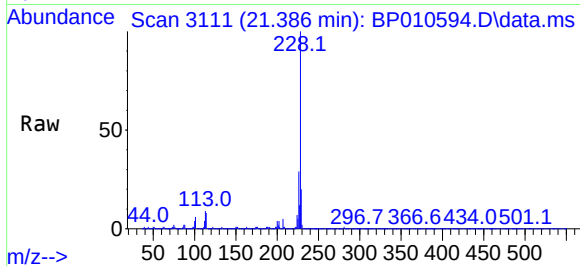
Tgt Ion:252 Resp: 390106
Ion Ratio Lower Upper
252 100
254 66.3 51.1 76.7
126 10.1 8.4 12.6





#83
Chrysene
Concen: 43.904 ng
RT: 21.386 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

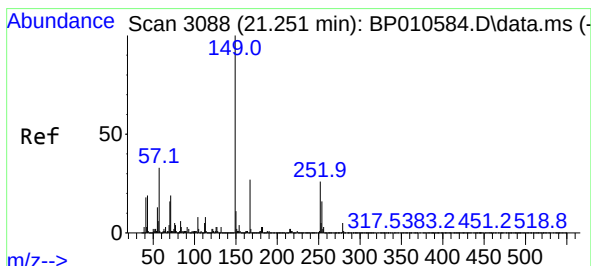
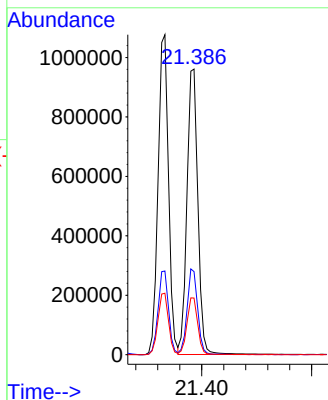
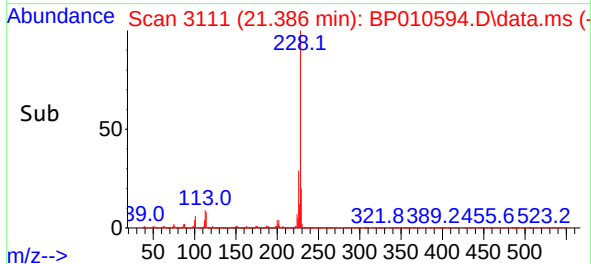
Instrument :
BNA_P
ClientSampleId :
PB145012BS



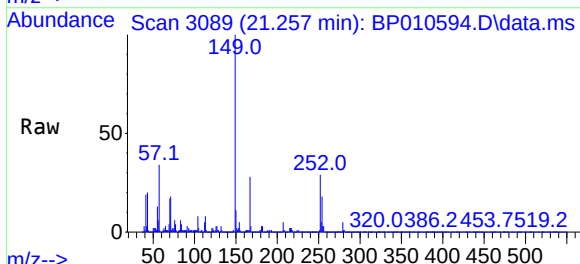
Tgt Ion:228 Resp: 132070
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 19.8 15.7 23.5

Manual Integrations
APPROVED

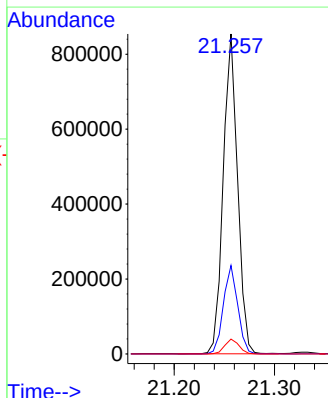
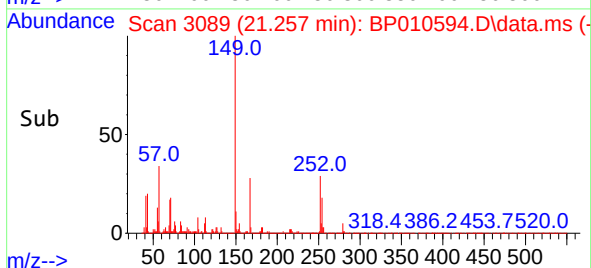
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

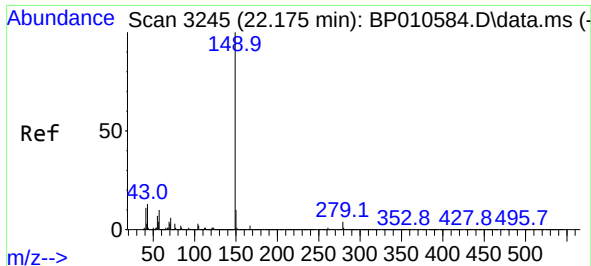


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.741 ng
RT: 21.257 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



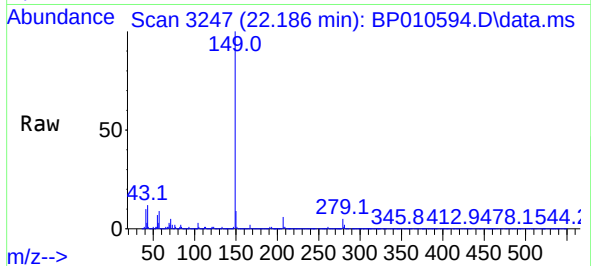
Tgt Ion:149 Resp: 845290
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 45.299 ng
RT: 22.186 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

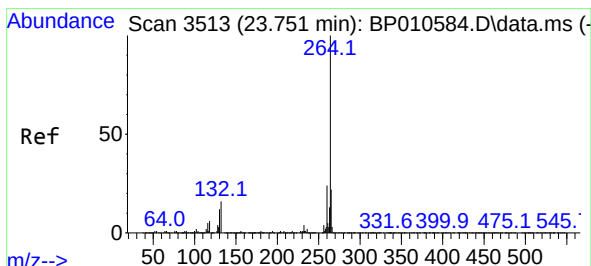
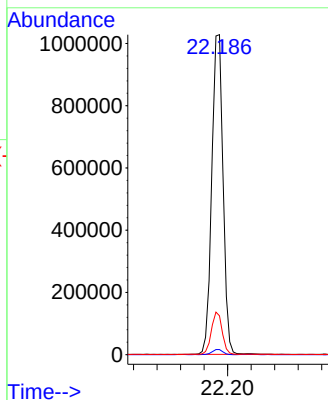
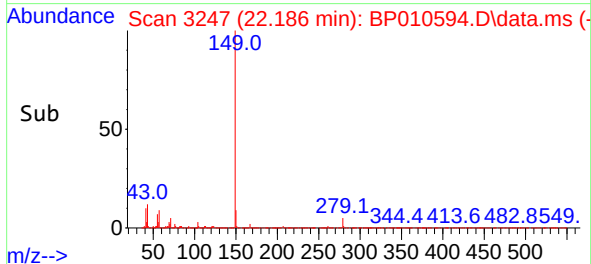
Instrument :
BNA_P
ClientSampleId :
PB145012BS



Tgt Ion:149 Resp: 136520
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.8 10.0 15.0

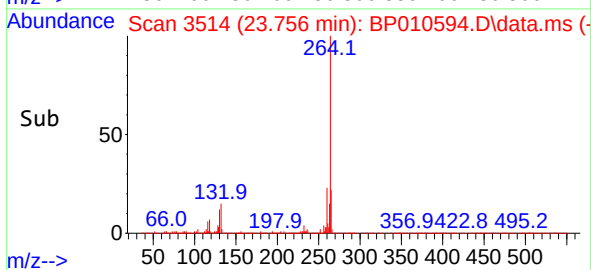
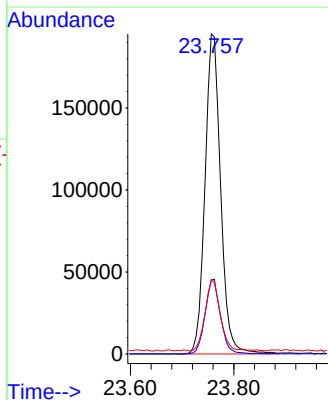
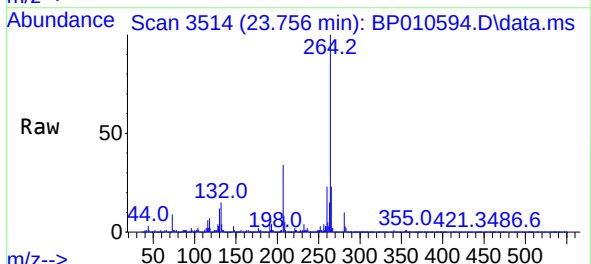
Manual Integrations
APPROVED

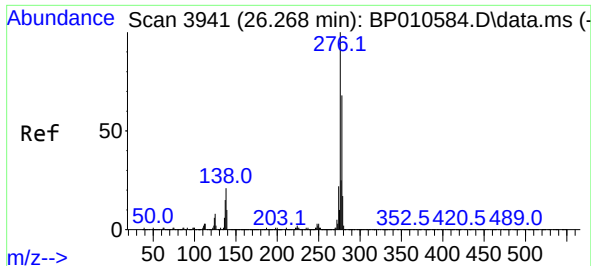
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Tgt Ion:264 Resp: 409974
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 23.2 18.0 27.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.280 ng
 RT: 26.274 min Scan# 3941
 Delta R.T. 0.006 min
 Lab File: BP010594.D
 Acq: 28 May 2022 11:22

Instrument :

BNA_P

ClientSampleId :

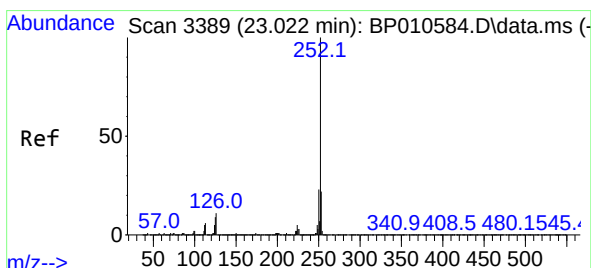
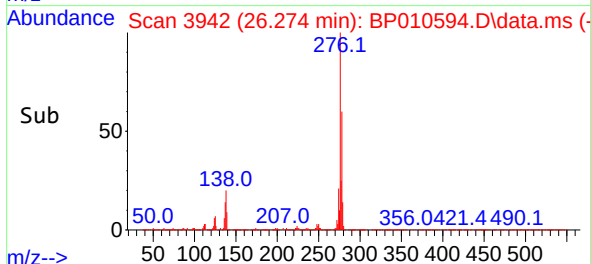
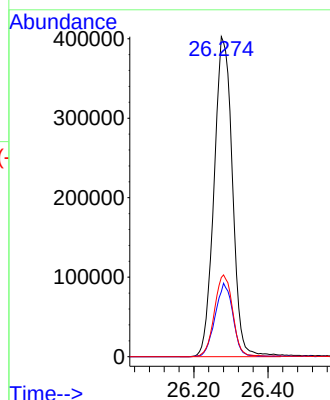
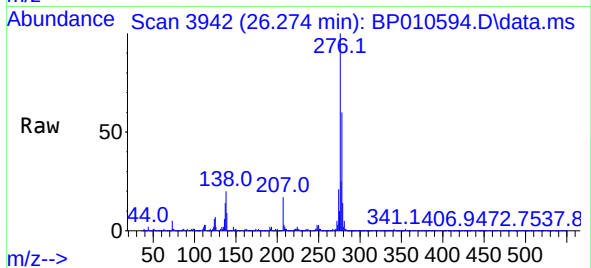
PB145012BS

Tgt Ion:276 Resp: 138317
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.5 26.3
 277 25.5 20.2 30.4

Manual Integrations

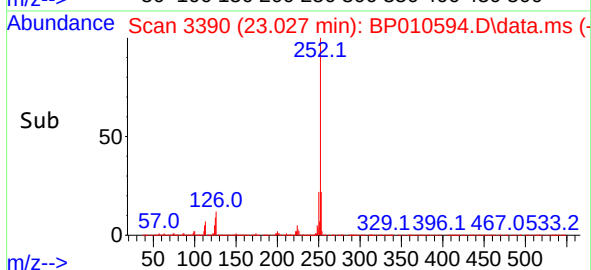
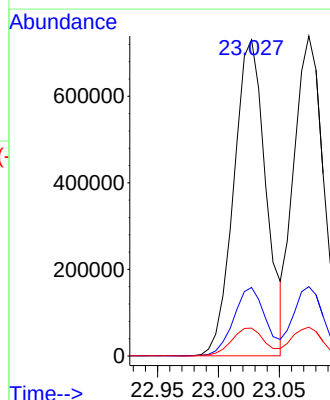
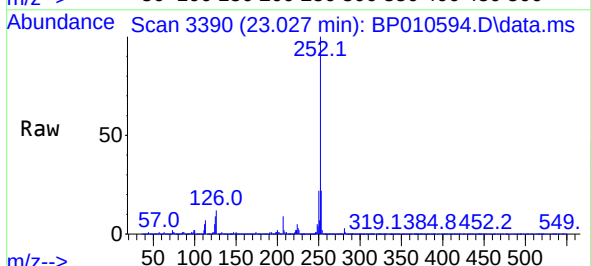
APPROVED

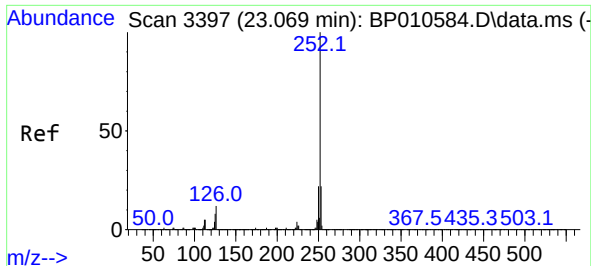
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#88
 Benzo(b)fluoranthene
 Concen: 52.184 ng
 RT: 23.027 min Scan# 3390
 Delta R.T. 0.006 min
 Lab File: BP010594.D
 Acq: 28 May 2022 11:22

Tgt Ion:252 Resp: 1347010
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.8 26.6
 125 8.8 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 48.341 ng
RT: 23.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

Instrument :

BNP_P

ClientSampleId :

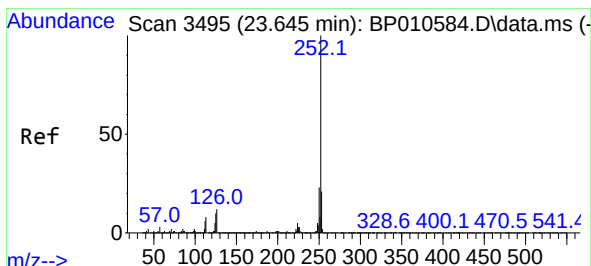
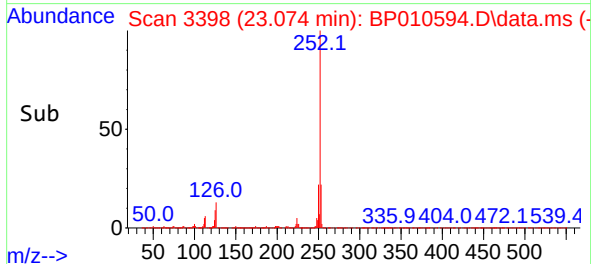
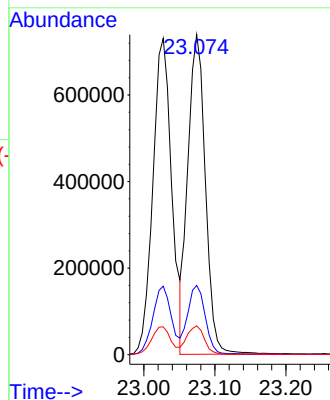
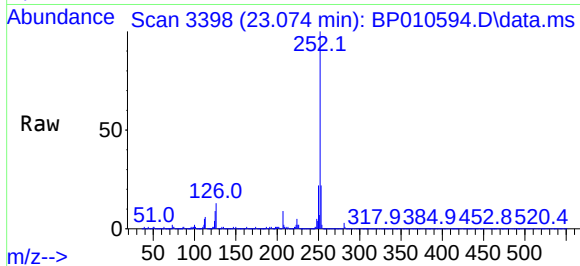
PB145012BS

Tgt Ion:252 Resp: 126490
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.0 7.0 10.4

Manual Integrations

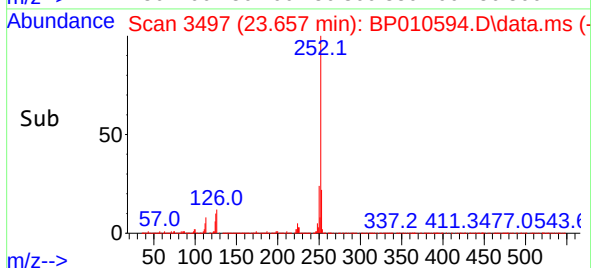
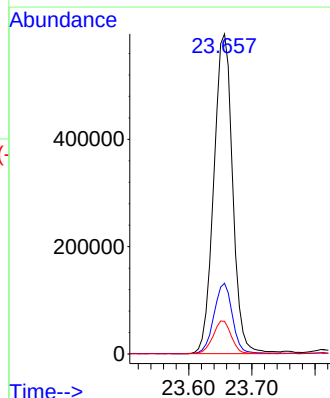
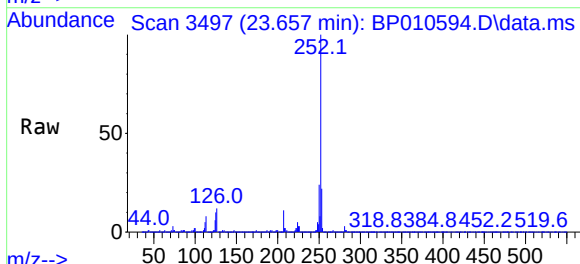
APPROVED

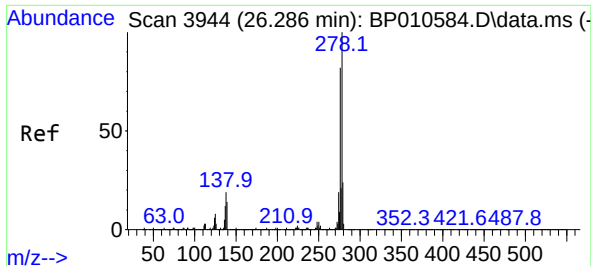
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 57.779 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.011 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

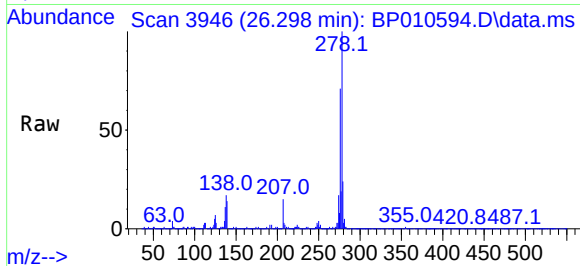
Tgt Ion:252 Resp: 1233660
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.2 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 49.533 ng
RT: 26.298 min Scan# 3944
Delta R.T. 0.011 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22

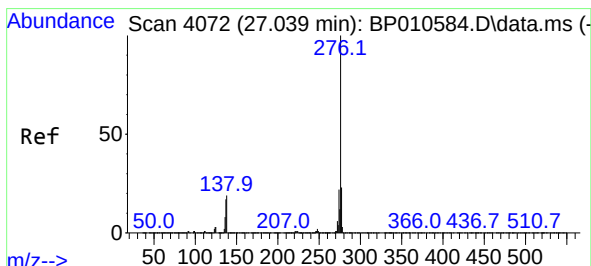
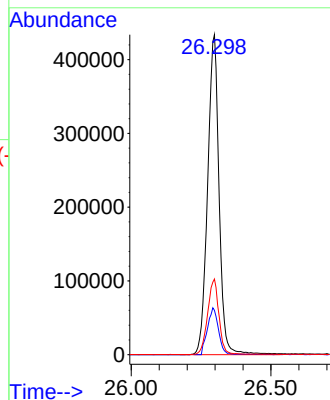
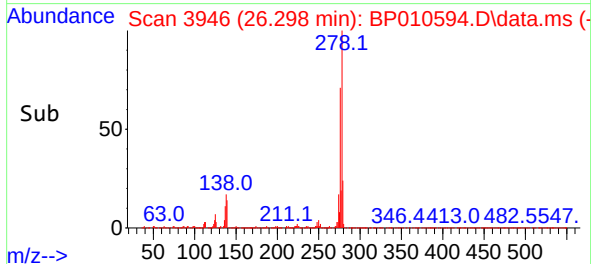
Instrument :
BNA_P
ClientSampleId :
PB145012BS



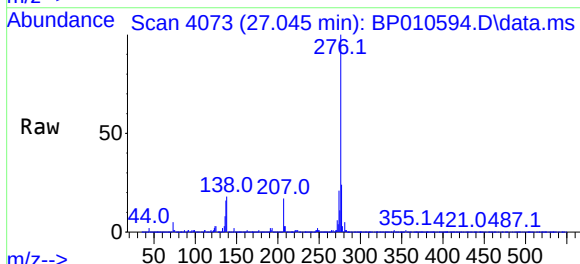
Tgt Ion: 278 Resp: 123817
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.0
279 23.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/29/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#92
Benzo(g,h,i)perylene
Concen: 50.140 ng
RT: 27.045 min Scan# 4073
Delta R.T. 0.006 min
Lab File: BP010594.D
Acq: 28 May 2022 11:22



Tgt Ion: 276 Resp: 1246052
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.5 15.2 22.8

