

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010590.D
 Acq On : 28 May 2022 02:55
 Operator : CG/JU
 Sample : PB145173BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145173BS

Quant Time: May 28 04:17:09 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/28/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	105939	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	435429	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	290051	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	599777	20.000	ng	0.00
76) Chrysene-d12	21.339	240	534039	20.000	ng	0.00
86) Perylene-d12	23.751	264	492919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	803898	138.434	ng	0.00
7) Phenol-d6	7.040	99	1020608	123.799	ng	0.00
23) Nitrobenzene-d5	9.028	82	750053	81.440	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	429886	130.933	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1598338	78.208	ng	0.00
79) Terphenyl-d14	19.816	244	2491962	87.647	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	76429	30.992	ng	96
3) Pyridine	3.758	79	196495	28.452	ng	94
4) n-Nitrosodimethylamine	3.664	42	184733	43.869	ng	94
6) Aniline	7.193	93	381454	39.328	ng	98
8) 2-Chlorophenol	7.434	128	281480	42.947	ng	97
9) Benzaldehyde	7.005	77	172014m	31.707	ng	
10) Phenol	7.064	94	360761	42.317	ng	94
11) bis(2-Chloroethyl)ether	7.293	93	268721	39.771	ng	98
12) 1,3-Dichlorobenzene	7.758	146	307206	40.444	ng	98
13) 1,4-Dichlorobenzene	7.905	146	314311	40.383	ng	100
14) 1,2-Dichlorobenzene	8.222	146	301302	40.439	ng	98
15) Benzyl Alcohol	8.111	79	284977m	43.121	ng	
16) 2,2'-oxybis(1-Chloropr...	8.399	45	502951	39.814	ng	99
17) 2-Methylphenol	8.316	107	239655	41.887	ng	97
18) Hexachloroethane	8.946	117	123985	41.182	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	234060	38.926	ng	95
20) 3+4-Methylphenols	8.646	107	325564	41.395	ng	97
22) Acetophenone	8.693	105	447700	39.426	ng	# 98
24) Nitrobenzene	9.069	77	369254	39.685	ng	98
25) Isophorone	9.599	82	623704	40.538	ng	99
26) 2-Nitrophenol	9.781	139	149057	41.105	ng	97
27) 2,4-Dimethylphenol	9.846	122	255671	47.436	ng	98
28) bis(2-Chloroethoxy)met...	10.081	93	366061	43.069	ng	98
29) 2,4-Dichlorophenol	10.316	162	273083	42.145	ng	97
30) 1,2,4-Trichlorobenzene	10.534	180	304235	39.916	ng	100
31) Naphthalene	10.716	128	890548	38.823	ng	98
32) Benzoic acid	9.993	122	156225	38.435	ng	98
33) 4-Chloroaniline	10.828	127	261783	29.542	ng	97
34) Hexachlorobutadiene	11.004	225	199419	38.753	ng	99
35) Caprolactam	11.622	113	83604	44.700	ng	96
36) 4-Chloro-3-methylphenol	11.957	107	318777	43.180	ng	99
37) 2-Methylnaphthalene	12.328	142	626919	39.168	ng	97
38) 1-Methylnaphthalene	12.546	142	604764	38.690	ng	98
40) 1,2,4,5-Tetrachloroben...	12.698	216	344762	38.209	ng	98
41) Hexachlorocyclopentadiene	12.681	237	420376	87.519	ng	99
43) 2,4,6-Trichlorophenol	12.940	196	226944	40.289	ng	98

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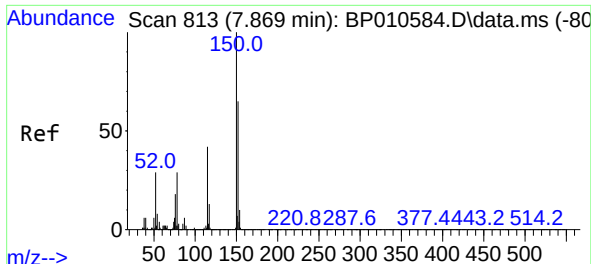
Manual Integrations
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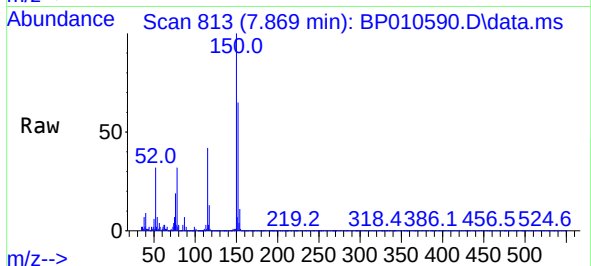
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	251086	39.409	ng	98
46) 1,1'-Biphenyl	13.340	154	835410	38.615	ng	100
47) 2-Chloronaphthalene	13.381	162	650605	38.260	ng	99
48) 2-Nitroaniline	13.581	65	240513	40.808	ng	96
49) Acenaphthylene	14.222	152	1075818	41.188	ng	100
50) Dimethylphthalate	13.963	163	815775	39.072	ng	100
51) 2,6-Dinitrotoluene	14.081	165	183943	41.428	ng	97
52) Acenaphthene	14.569	154	614184	38.300	ng	97
53) 3-Nitroaniline	14.410	138	145896	33.551	ng	97
54) 2,4-Dinitrophenol	14.622	184	209478	76.747	ng	98
55) Dibenzofuran	14.904	168	1007015	39.711	ng	98
56) 4-Nitrophenol	14.722	139	308218	84.057	ng	97
57) 2,4-Dinitrotoluene	14.869	165	251885	43.583	ng	99
58) Fluorene	15.551	166	815406	39.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	220246	40.326	ng	98
60) Diethylphthalate	15.328	149	849889	40.892	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	420749	40.379	ng	99
62) 4-Nitroaniline	15.575	138	177909	38.865	ng	95
63) Azobenzene	15.840	77	890861	40.585	ng	98
65) 4,6-Dinitro-2-methylph...	15.640	198	136265	36.948	ng	99
66) n-Nitrosodiphenylamine	15.763	169	714484	39.562	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	253776	38.894	ng	99
68) Hexachlorobenzene	16.563	284	279449	38.774	ng	99
69) Atrazine	16.722	200	257159	43.901	ng	98
70) Pentachlorophenol	16.910	266	348483	84.233	ng	99
71) Phenanthrene	17.298	178	1293058	39.313	ng	100
72) Anthracene	17.392	178	1272125	40.391	ng	99
73) Carbazole	17.663	167	1161428	43.389	ng	99
74) Di-n-butylphthalate	18.210	149	1397577	41.069	ng	100
75) Fluoranthene	19.263	202	1443197	40.397	ng	98
77) Benzidine	19.445	184	554164	54.020	ng	98
78) Pyrene	19.616	202	1494733	40.163	ng	100
80) Butylbenzylphthalate	20.486	149	598187	40.810	ng	99
81) Benzo(a)anthracene	21.327	228	1410763	40.263	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	460646	47.936	ng	99
83) Chrysene	21.380	228	1330571	38.715	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	850278	41.153	ng	100
85) Di-n-octyl phthalate	22.174	149	1392736	40.449	ng	100
87) Indeno(1,2,3-cd)pyrene	26.268	276	1565302	43.561	ng	100
88) Benzo(b)fluoranthene	23.016	252	1417431	45.672	ng	99
89) Benzo(k)fluoranthene	23.069	252	1326256	42.157	ng	98
90) Benzo(a)pyrene	23.645	252	1322813	51.529	ng	99
91) Dibenzo(a,h)anthracene	26.286	278	1388856	46.211	ng	98
92) Benzo(g,h,i)perylene	27.039	276	1420719	47.549	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# 813
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

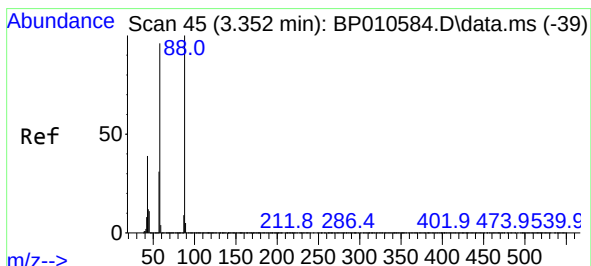
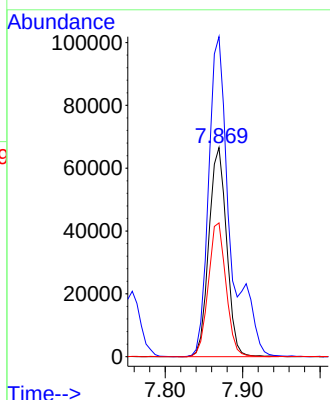
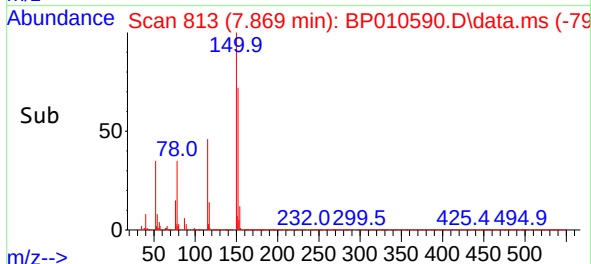
Instrument :
BNA_P
ClientSampleId :
PB145173BS



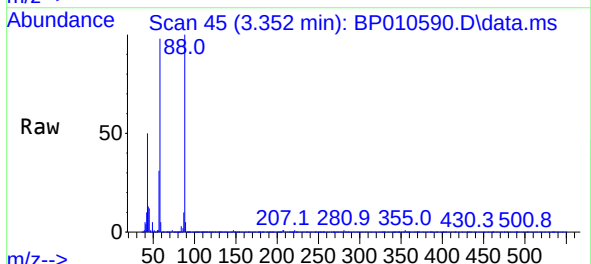
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Ion Ratio Lower Upper
152 100
150 153.0 123.4 185.2
115 63.9 51.3 76.9

Manual Integrations
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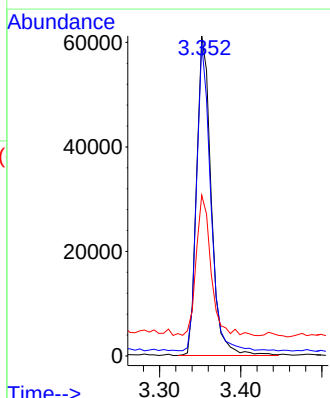
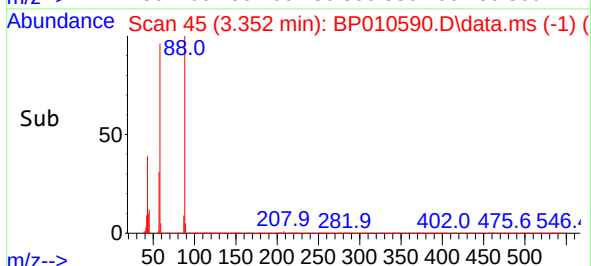
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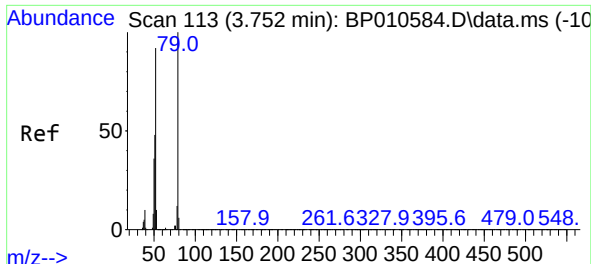


#2
1,4-Dioxane
Concen: 30.992 ng
RT: 3.352 min Scan# 45
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion: 88 Resp: 76429
Ion Ratio Lower Upper
88 100
58 91.3 74.5 111.7
43 44.9 31.5 47.3





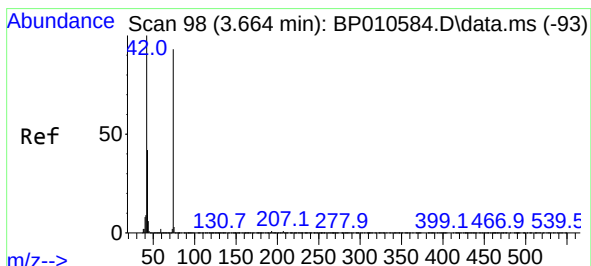
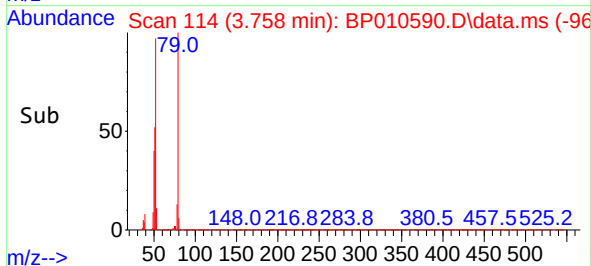
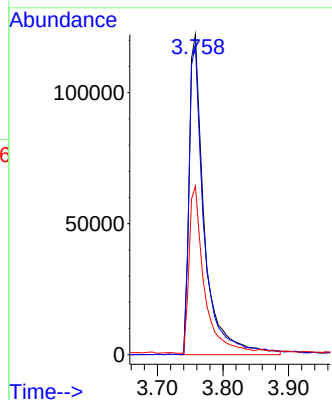
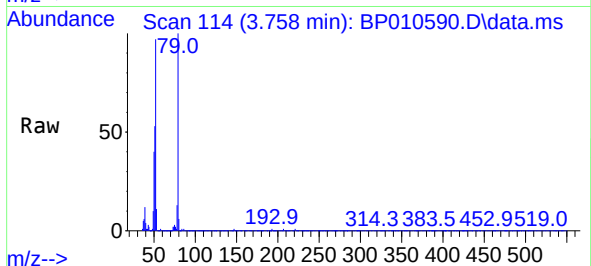
#3
Pyridine
Concen: 28.452 ng
RT: 3.758 min Scan# 113
Delta R.T. 0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion: 79 Resp: 196498
Ion Ratio Lower Upper
79 100
52 96.8 73.5 110.3
51 52.7 38.6 57.8

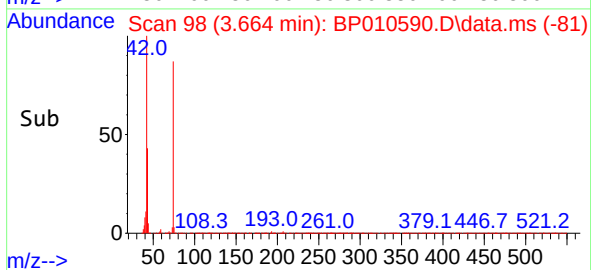
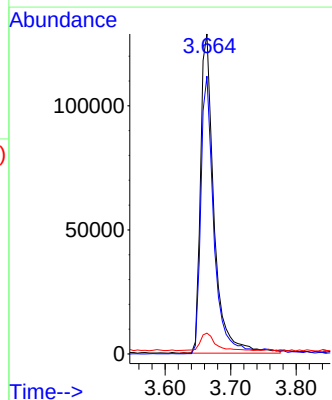
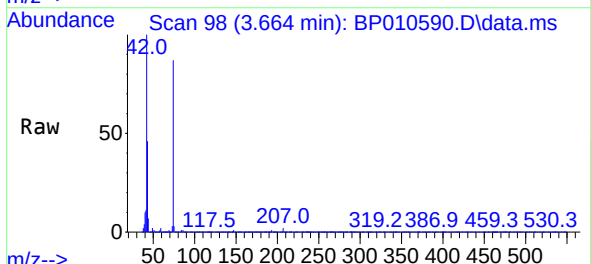
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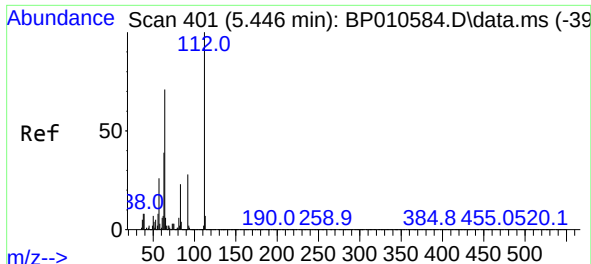
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#4
n-Nitrosodimethylamine
Concen: 43.869 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion: 42 Resp: 184733
Ion Ratio Lower Upper
42 100
74 86.8 74.4 111.6
44 6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 138.434 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

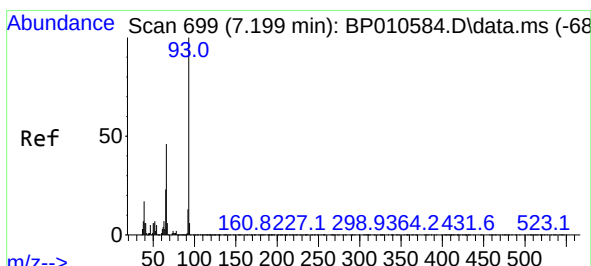
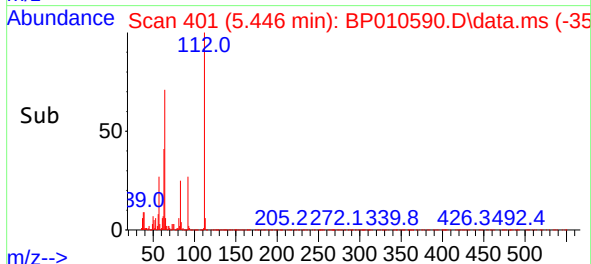
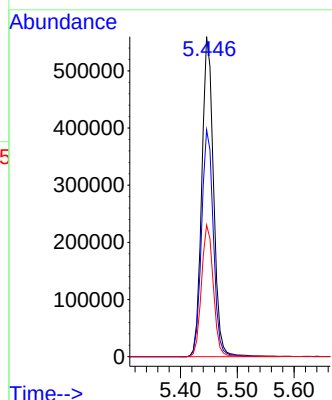
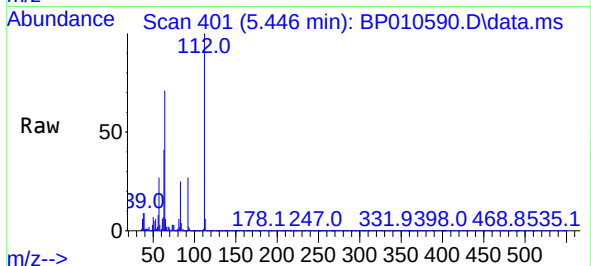
PB145173BS

Tgt Ion:112 Resp: 803898
Ion Ratio Lower Upper
112 100
64 70.9 56.9 85.3
63 41.2 31.2 46.8

Manual Integrations

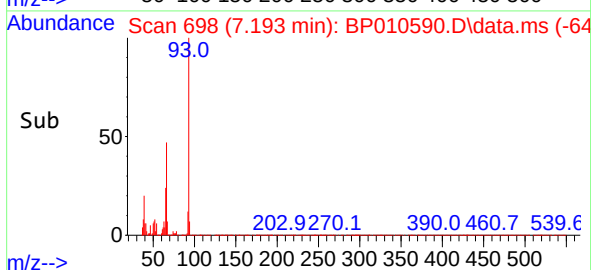
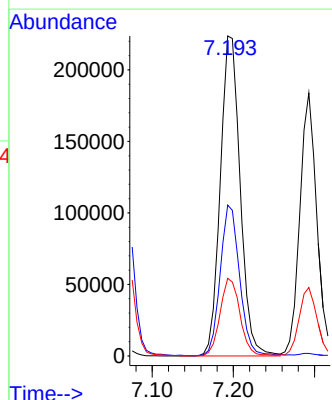
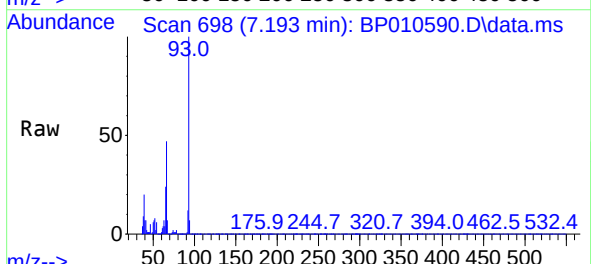
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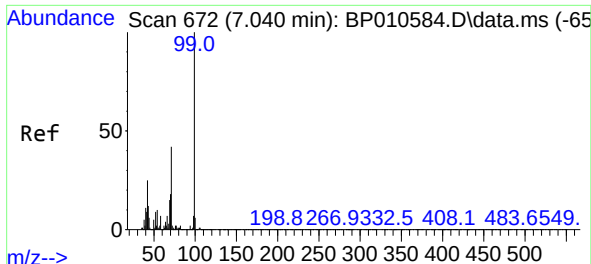
Reviewed By :Christian Giraldo 05/28/2022
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#6
Aniline
Concen: 39.328 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion: 93 Resp: 381454
Ion Ratio Lower Upper
93 100
66 47.1 36.7 55.1
65 24.3 18.2 27.4





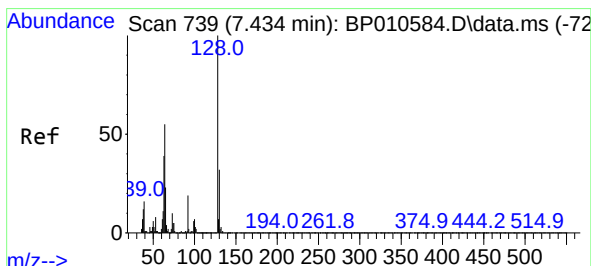
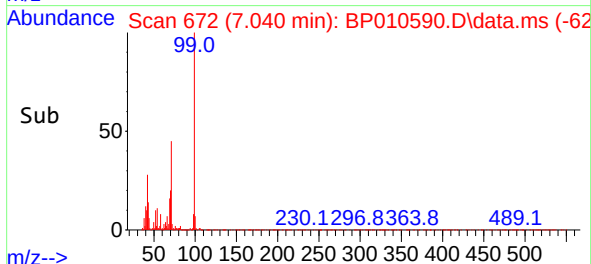
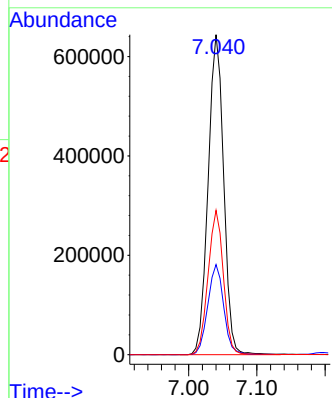
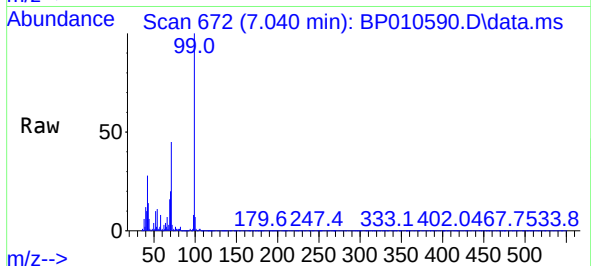
#7
Phenol-d6
Concen: 123.799 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion: 99 Resp: 1020608
Ion Ratio Lower Upper
99 100
42 28.1 20.3 30.5
71 45.1 33.9 50.9

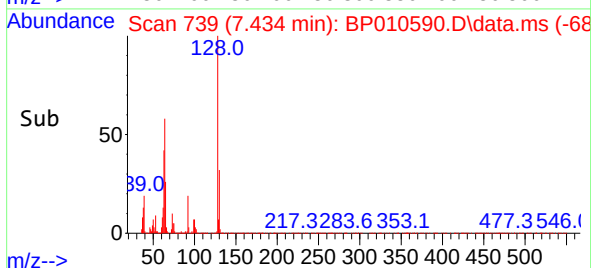
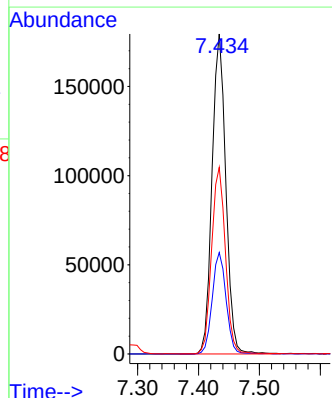
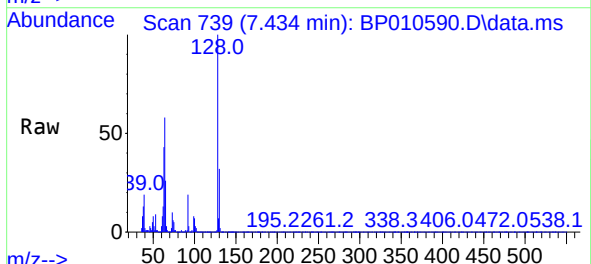
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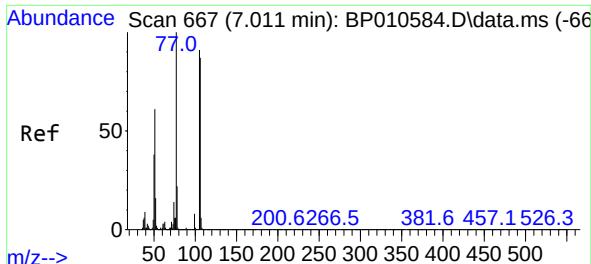
Reviewed By :Christian Giraldo 05/28/2022
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#8
2-Chlorophenol
Concen: 42.947 ng
RT: 7.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:128 Resp: 281480
Ion Ratio Lower Upper
128 100
130 31.7 11.8 51.8
64 58.3 35.3 75.3





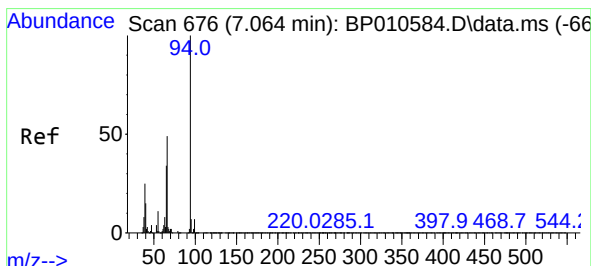
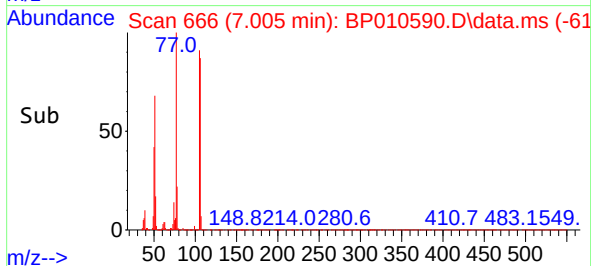
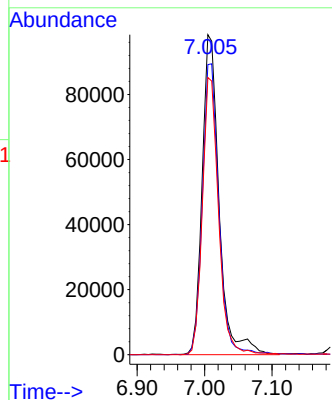
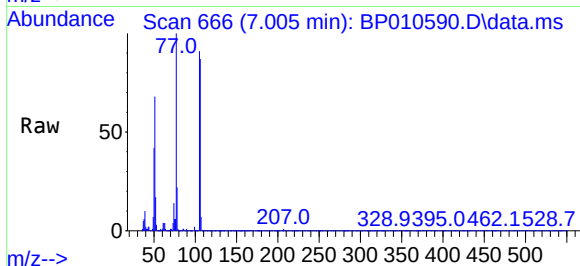
#9
Benzaldehyde
Concen: 31.707 ng m
RT: 7.005 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion: 77 Resp: 172014
Ion Ratio Lower Upper
77 100
105 90.6 71.4 111.4
106 86.6 66.9 106.9

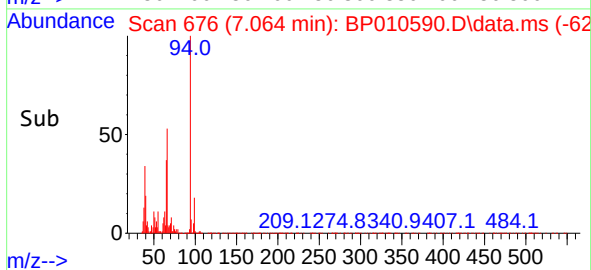
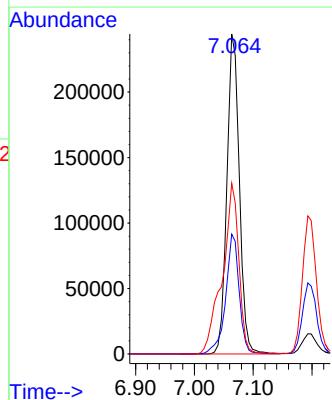
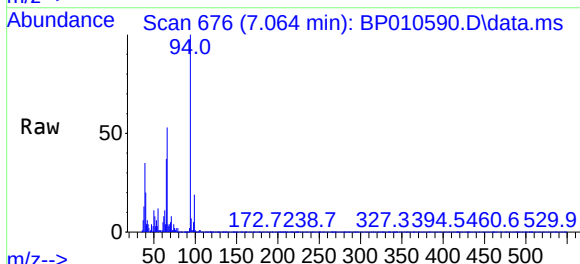
Manual Integrations
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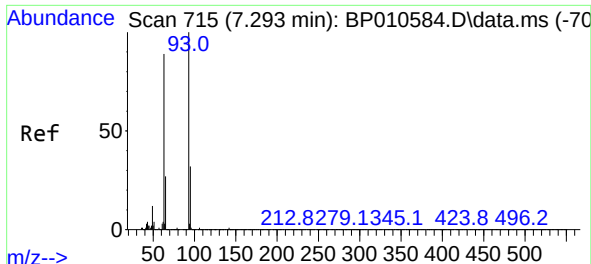
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#10
Phenol
Concen: 42.317 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion: 94 Resp: 360761
Ion Ratio Lower Upper
94 100
65 37.4 14.0 54.0
66 53.4 29.2 69.2





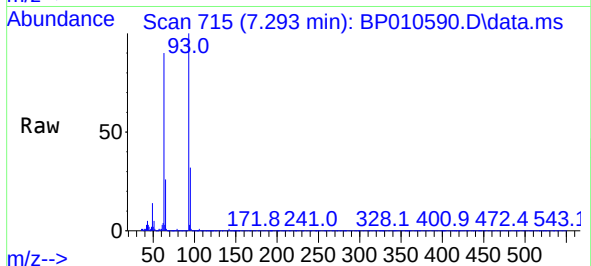
#11
bis(2-Chloroethyl)ether
Concen: 39.771 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

PB145173BS

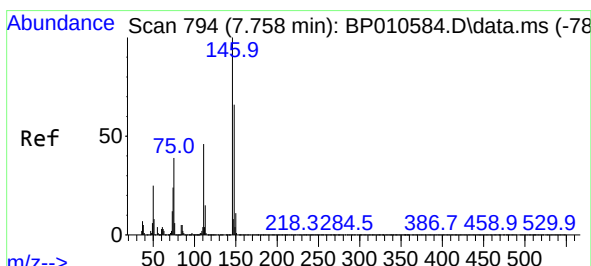
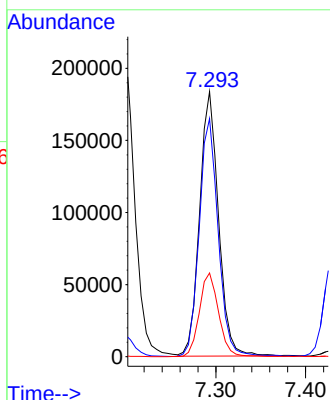
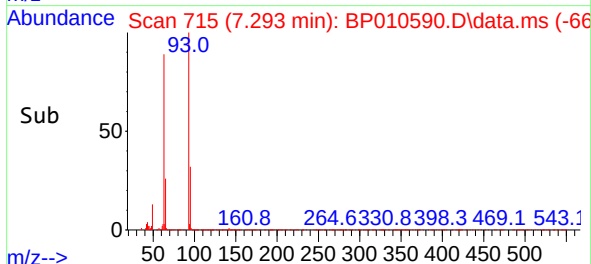


Tgt Ion: 93 Resp: 26872
Ion Ratio Lower Upper
93 100
63 89.8 68.2 108.2
95 31.6 12.2 52.2

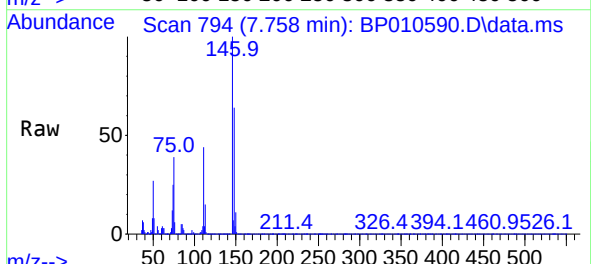
Manual Integrations

APPROVED

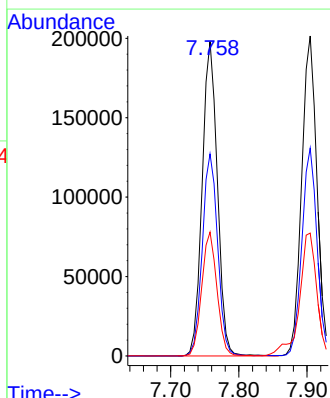
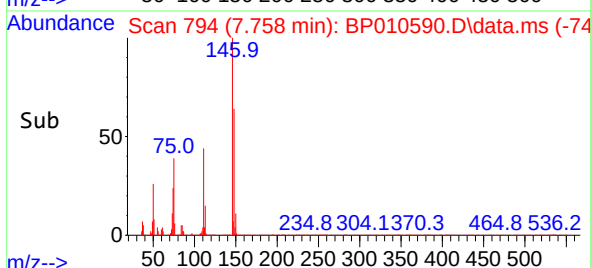
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

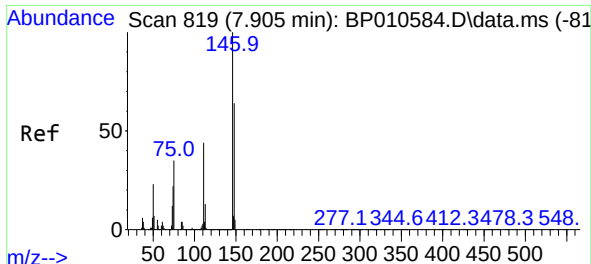


#12
1,3-Dichlorobenzene
Concen: 40.444 ng
RT: 7.758 min Scan# 794
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



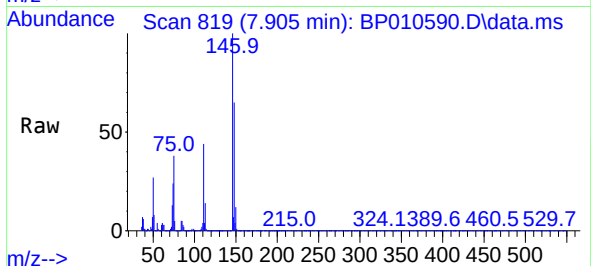
Tgt Ion:146 Resp: 307206
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.4
75 39.4 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 40.383 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

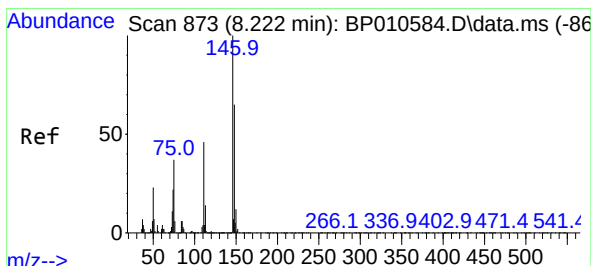
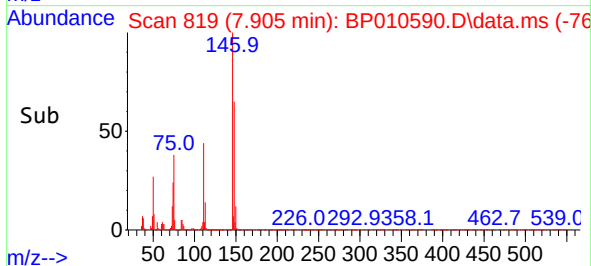
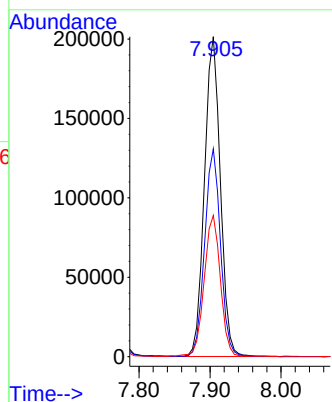
Instrument :
BNA_P
ClientSampleId :
PB145173BS



Tgt Ion:146 Resp: 31431
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 44.1 35.2 52.8

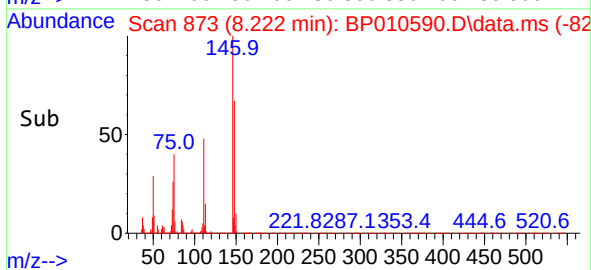
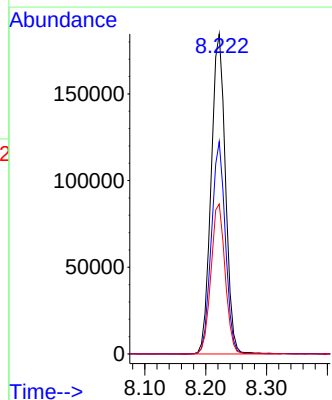
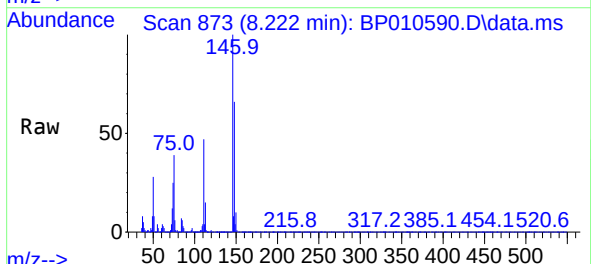
Manual Integrations
APPROVED

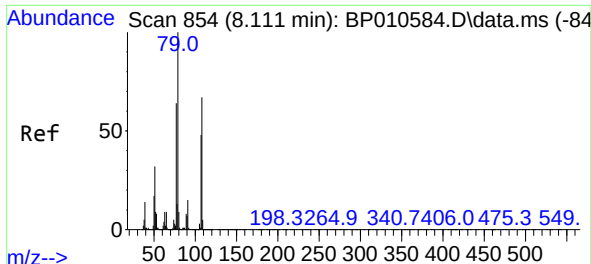
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#14
1,2-Dichlorobenzene
Concen: 40.439 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

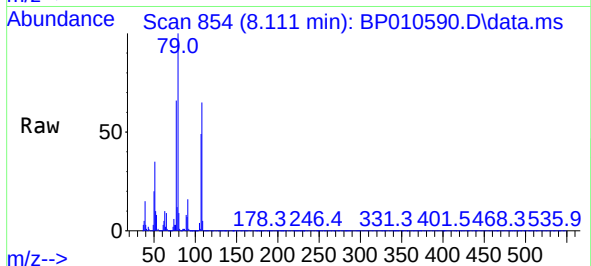
Tgt Ion:146 Resp: 301302
Ion Ratio Lower Upper
146 100
148 66.4 52.2 78.2
111 46.8 36.6 55.0





#15
Benzyl Alcohol
Concen: 43.121 ng m
RT: 8.111 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

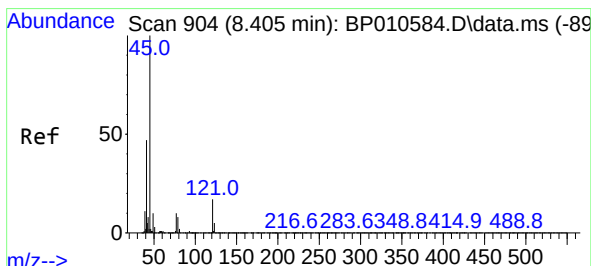
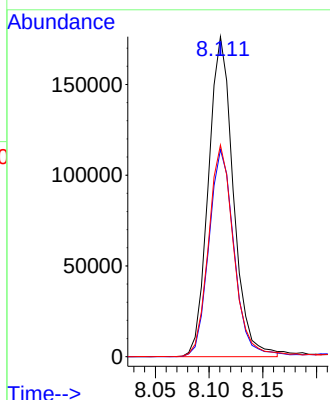
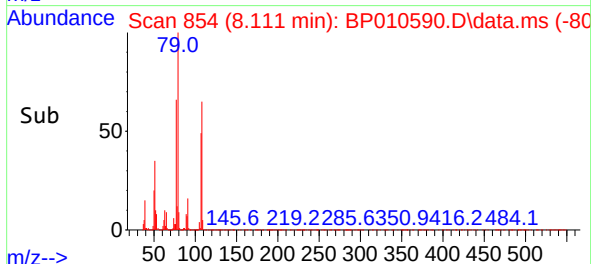
Instrument :
BNA_P
ClientSampleId :
PB145173BS



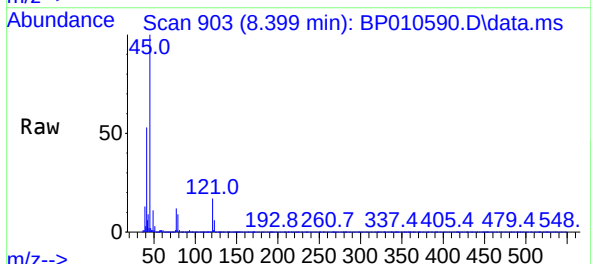
Tgt Ion: 79 Resp: 28497
Ion Ratio Lower Upper
79 100
108 64.7 53.4 80.0
77 66.1 51.5 77.3

Manual Integrations
APPROVED

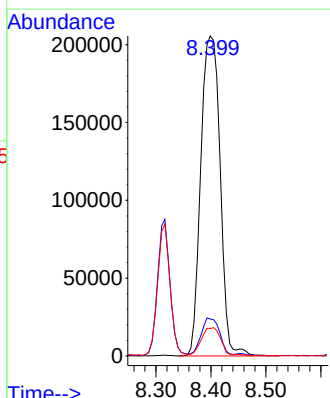
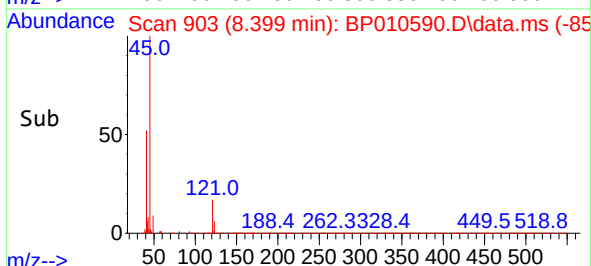
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

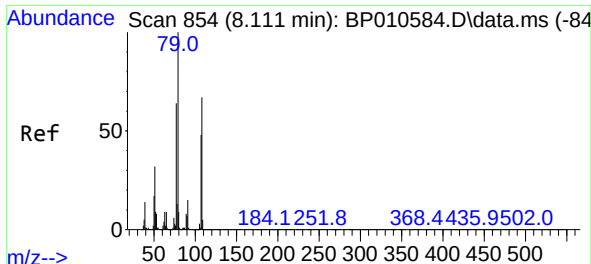


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.814 ng
RT: 8.399 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



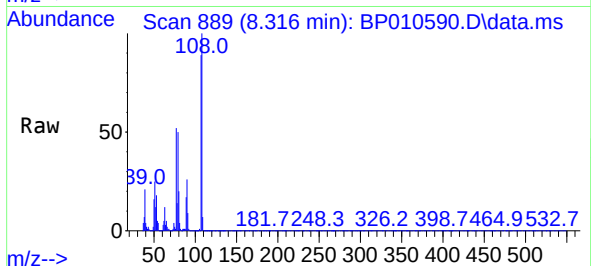
Tgt Ion: 45 Resp: 502951
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 8.6 0.0 28.8





#17
2-Methylphenol
Concen: 41.887 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

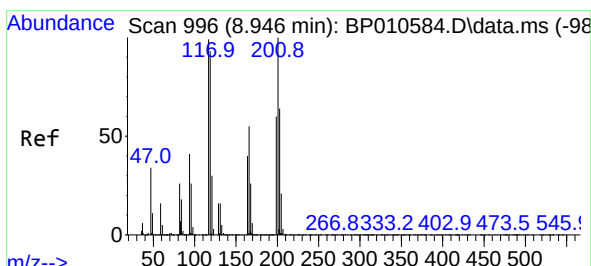
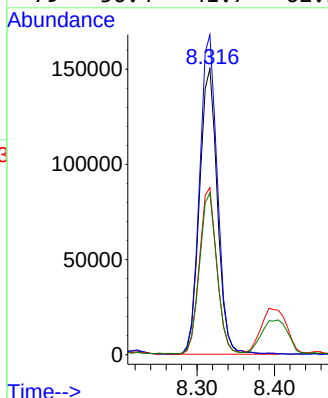
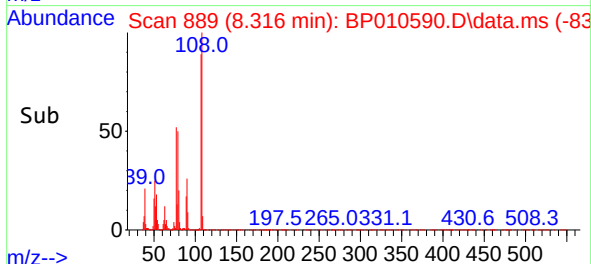
Instrument :
BNA_P
ClientSampleId :
PB145173BS



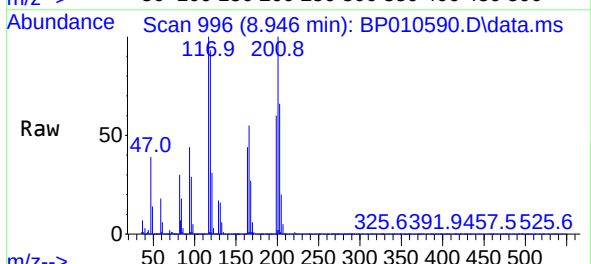
Tgt Ion:107 Resp: 23965
Ion Ratio Lower Upper
107 100
108 111.9 88.9 133.3
77 58.4 44.7 67.1
79 56.4 41.7 62.5

Manual Integrations
APPROVED

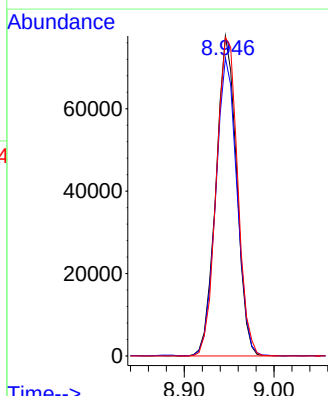
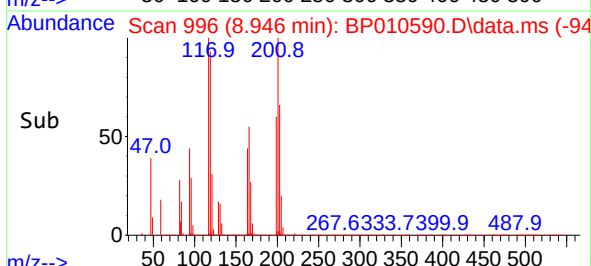
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

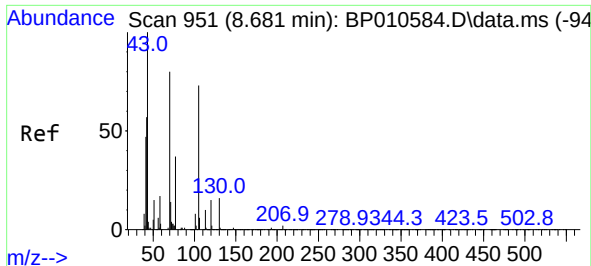


#18
Hexachloroethane
Concen: 41.182 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:117 Resp: 123985
Ion Ratio Lower Upper
117 100
119 93.2 75.6 113.4
201 99.6 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.926 ng
RT: 8.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

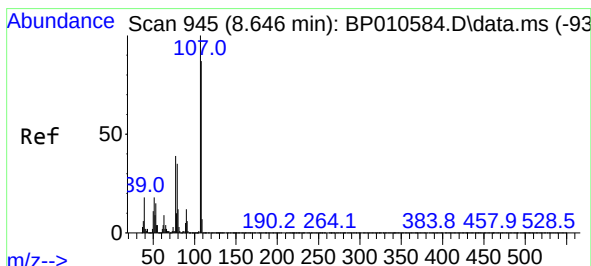
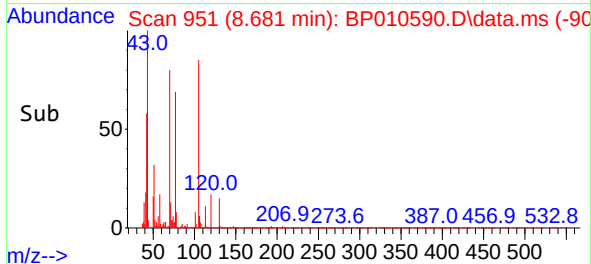
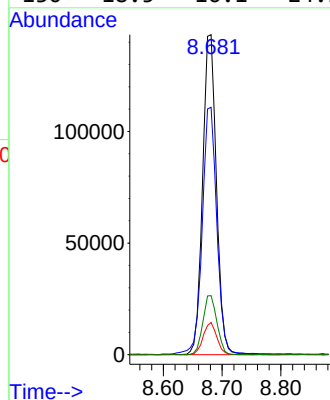
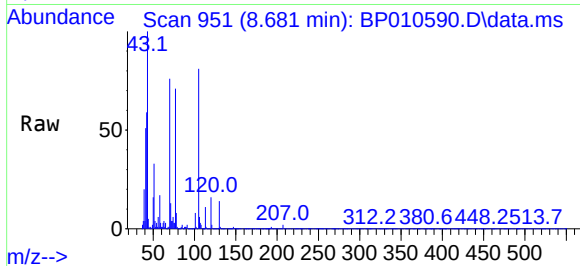
PB145173BS

Tgt Ion: 70 Resp: 234060
Ion Ratio Lower Upper
70 100
42 77.3 58.1 87.1
101 10.1 8.4 12.6
130 18.5 16.1 24.1

Manual Integrations

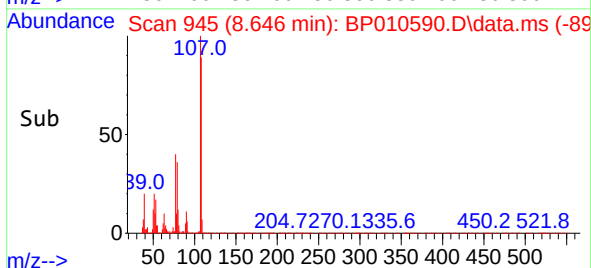
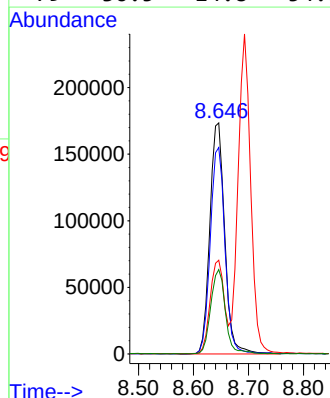
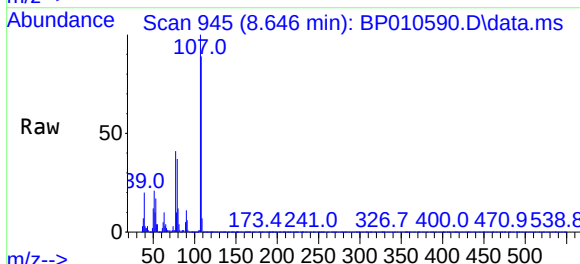
APPROVED

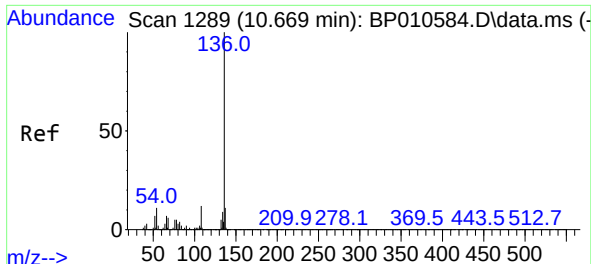
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#20
3+4-Methylphenols
Concen: 41.395 ng
RT: 8.646 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:107 Resp: 325564
Ion Ratio Lower Upper
107 100
108 89.3 67.1 107.1
77 40.6 19.2 59.2
79 36.5 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: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

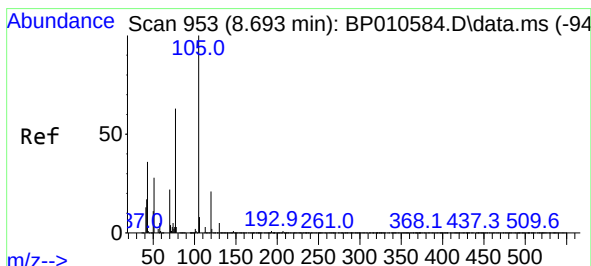
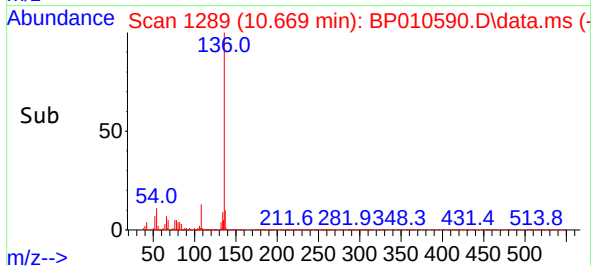
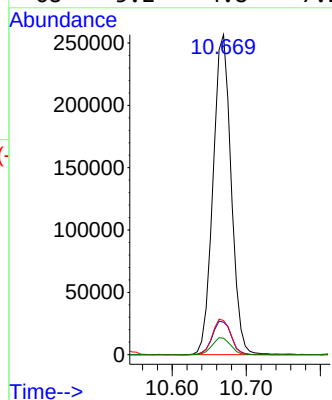
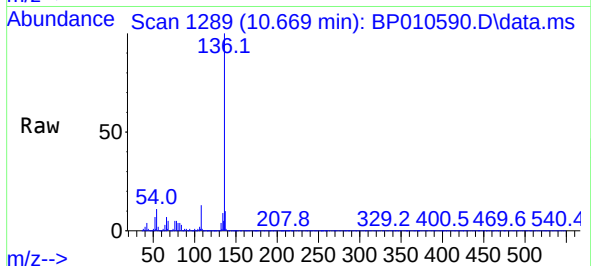
PB145173BS

Tgt Ion:136 Resp: 435429
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 10.7 8.7 13.1
68 5.2 4.8 7.2

Manual Integrations

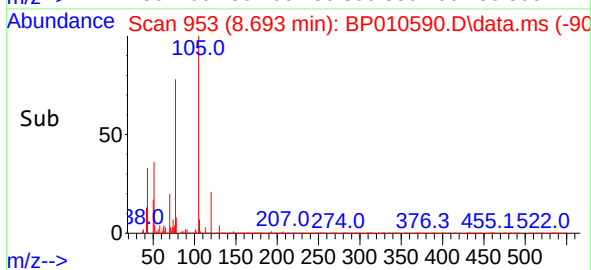
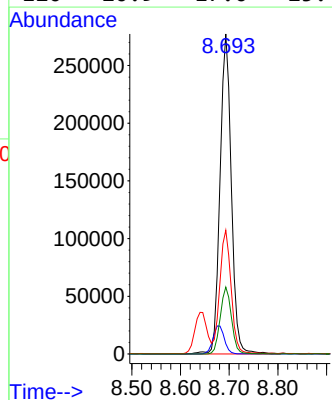
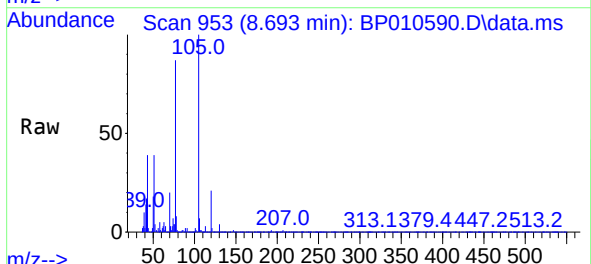
APPROVED

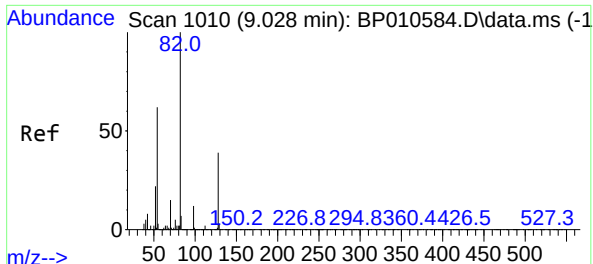
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#22
Acetophenone
Concen: 39.426 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:105 Resp: 447700
Ion Ratio Lower Upper
105 100
71 3.2 3.4 5.0#
51 38.6 29.5 44.3
120 20.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 81.440 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

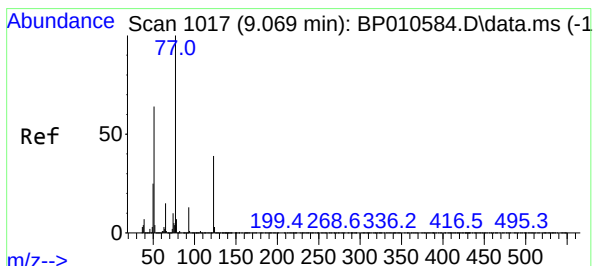
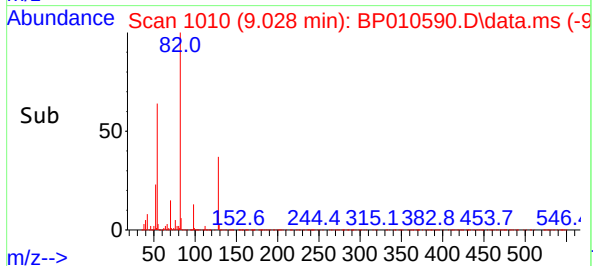
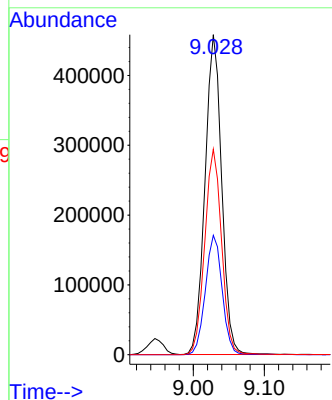
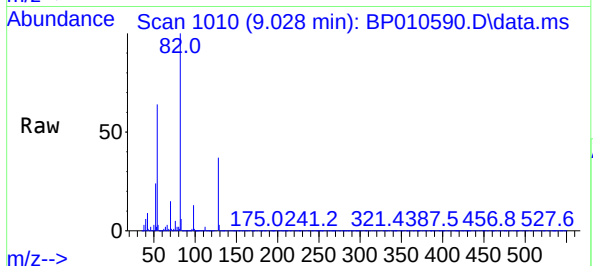
PB145173BS

Tgt Ion: 82 Resp: 75005
Ion Ratio Lower Upper
82 100
128 37.3 31.3 46.9
54 64.2 49.8 74.8

Manual Integrations

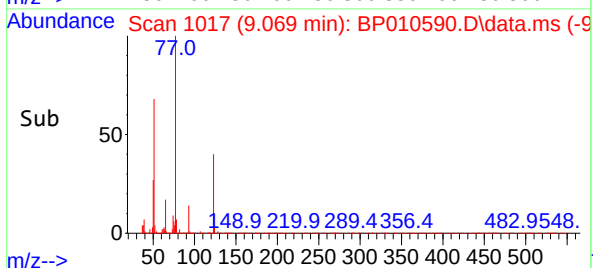
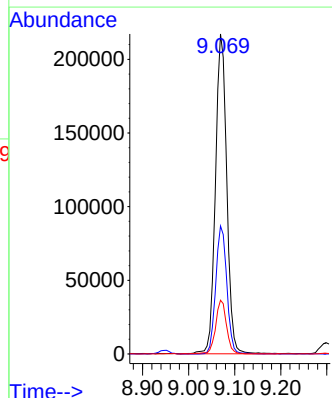
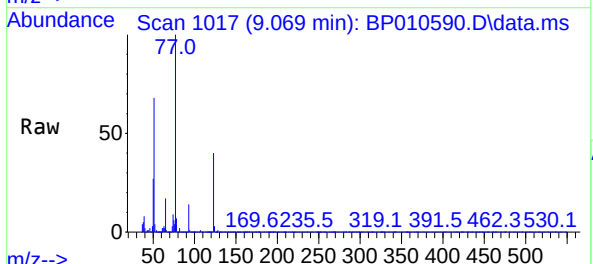
APPROVED

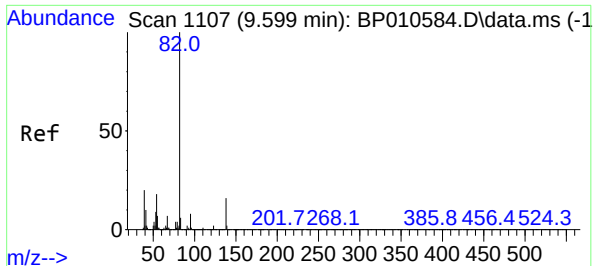
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#24
Nitrobenzene
Concen: 39.685 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

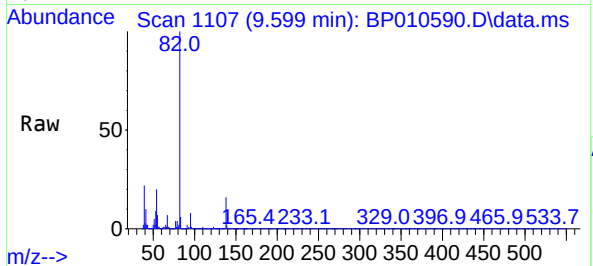
Tgt Ion: 77 Resp: 369254
Ion Ratio Lower Upper
77 100
123 40.0 31.1 46.7
65 16.8 12.1 18.1





#25
Isophorone
Concen: 40.538 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

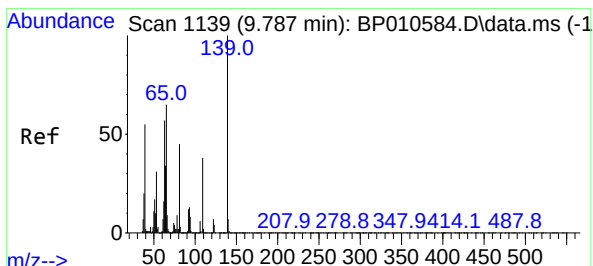
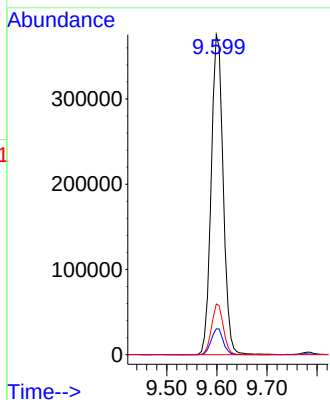
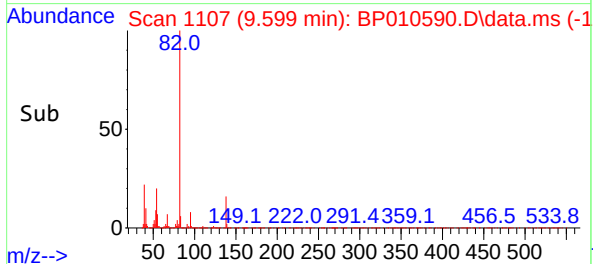
Instrument :
BNA_P
ClientSampleId :
PB145173BS



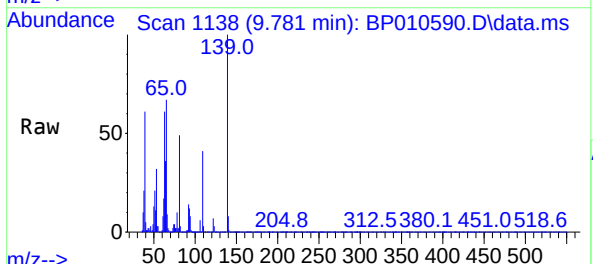
Tgt Ion: 82 Resp: 623704
Ion Ratio Lower Upper
82 100
95 8.1 6.5 9.7
138 15.9 12.4 18.6

Manual Integrations
APPROVED

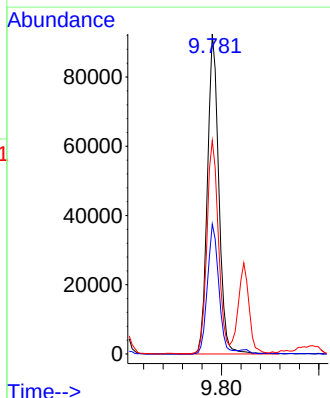
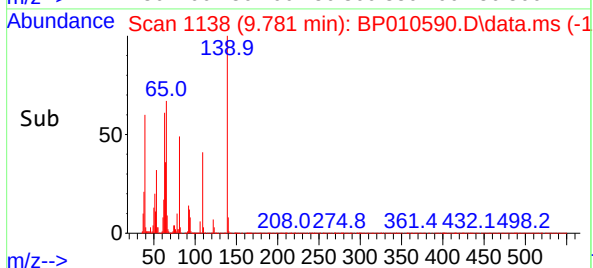
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

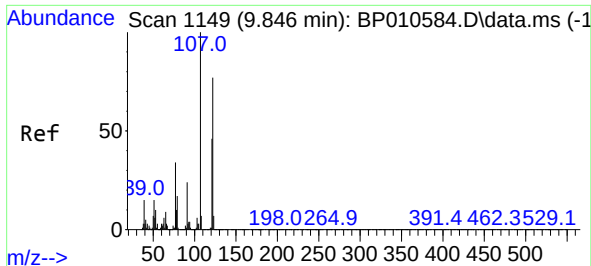


#26
2-Nitrophenol
Concen: 41.105 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:139 Resp: 149057
Ion Ratio Lower Upper
139 100
109 40.6 30.2 45.4
65 66.7 52.2 78.2





#27
2,4-Dimethylphenol
Concen: 47.436 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

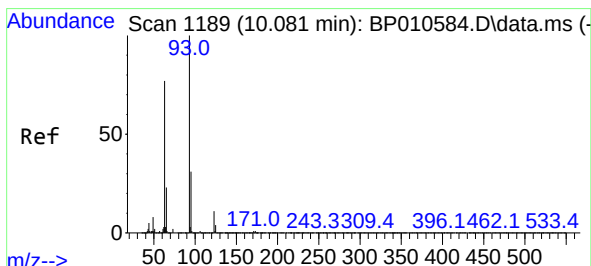
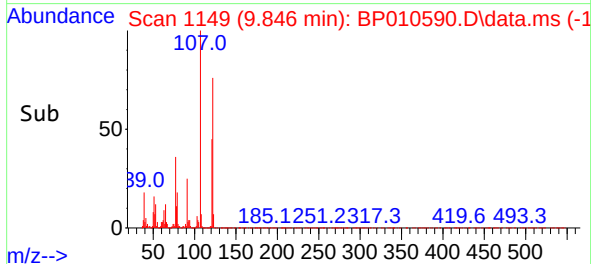
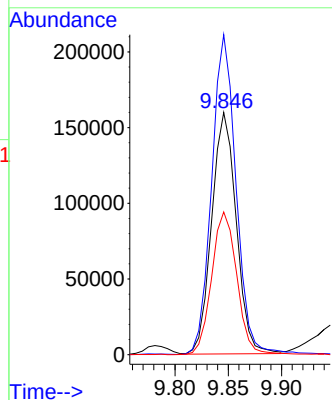
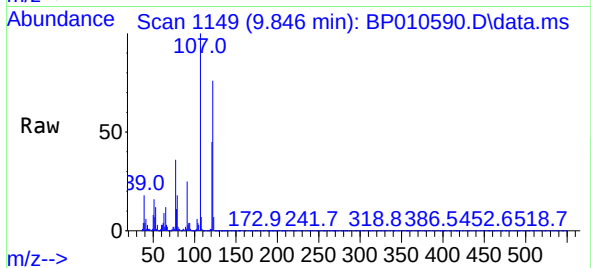
PB145173BS

Tgt Ion:122 Resp: 25567
Ion Ratio Lower Upper
122 100
107 132.1 103.5 155.3
121 58.9 47.5 71.3

Manual Integrations

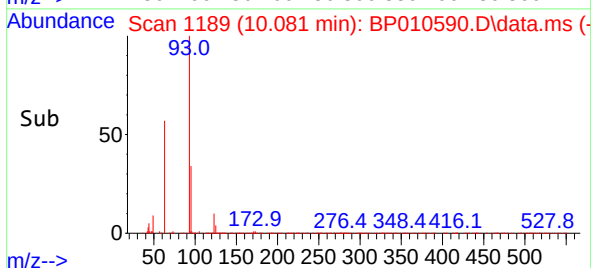
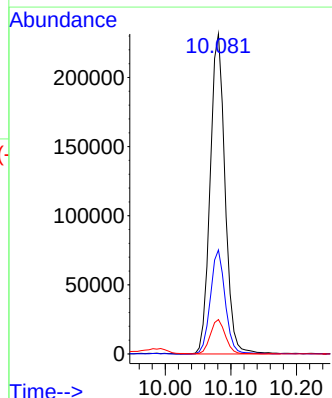
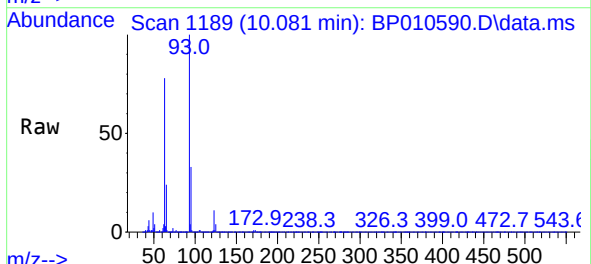
APPROVED

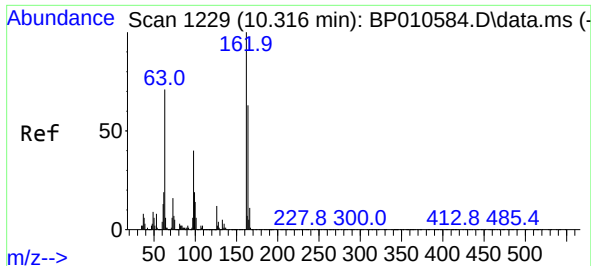
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.069 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion: 93 Resp: 366061
Ion Ratio Lower Upper
93 100
95 32.5 25.0 37.6
123 10.7 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 42.145 ng
RT: 10.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

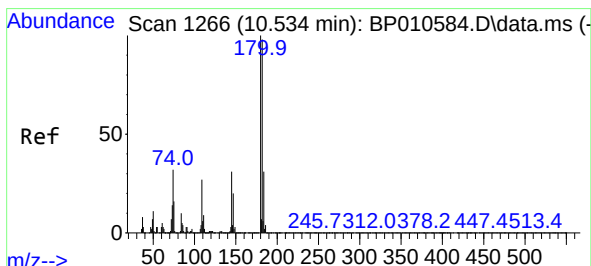
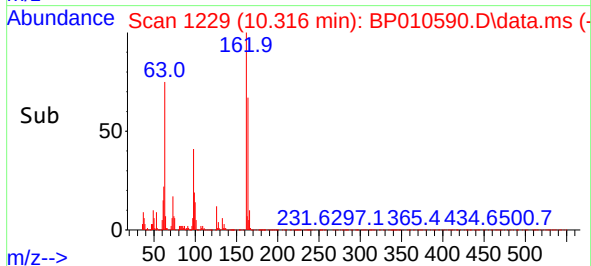
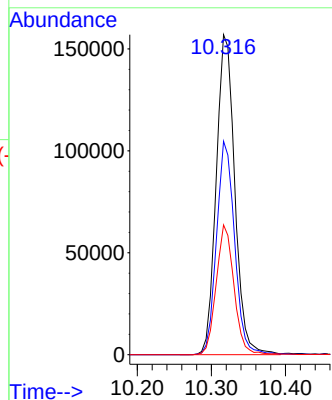
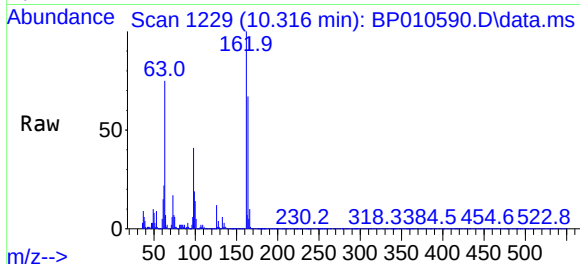
ClientSampleId :

PB145173BS

Tgt Ion:162 Resp: 27308
Ion Ratio Lower Upper
162 100
164 66.7 43.0 83.0
98 40.6 20.4 60.4

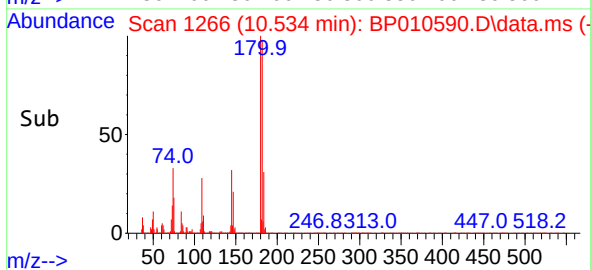
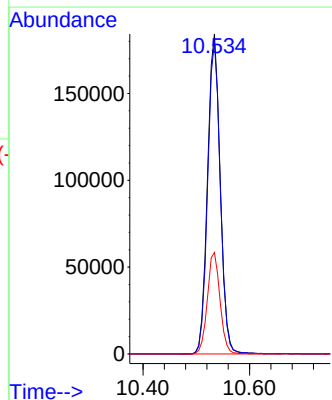
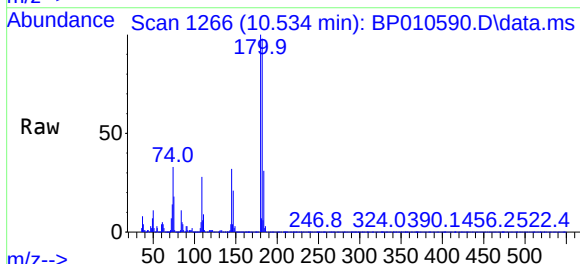
Manual Integrations
APPROVED

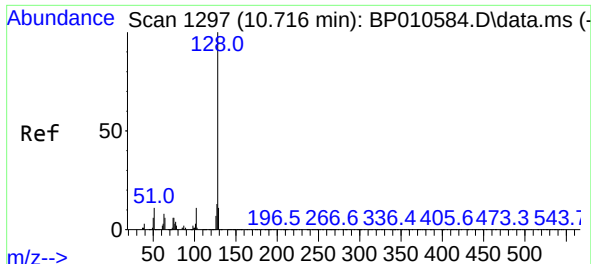
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#30
1,2,4-Trichlorobenzene
Concen: 39.916 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:180 Resp: 304235
Ion Ratio Lower Upper
180 100
182 97.6 78.0 117.0
145 31.7 24.6 36.8





#31
Naphthalene
Concen: 38.823 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

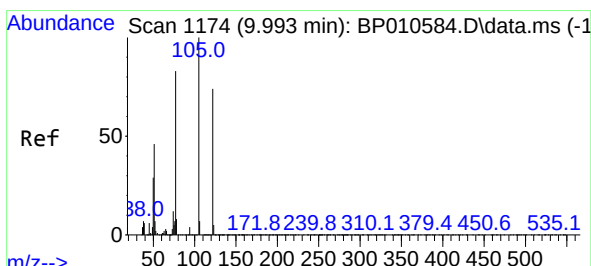
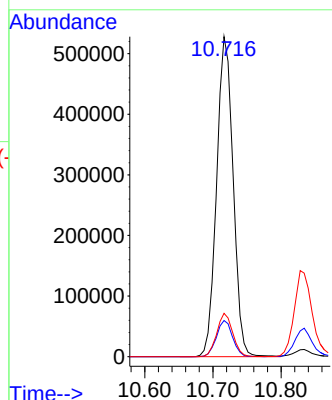
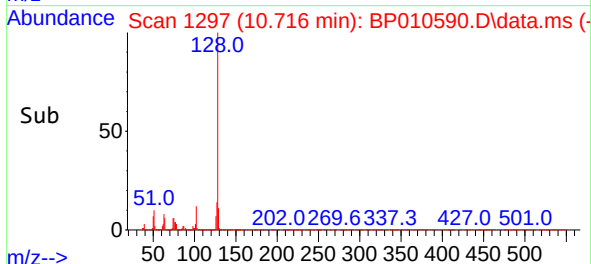
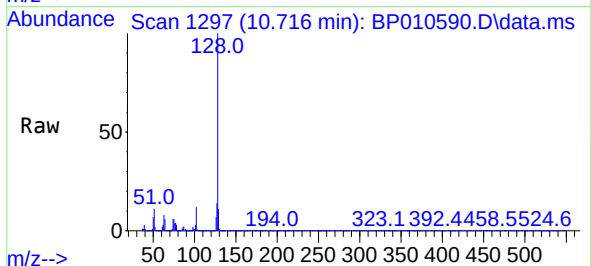
PB145173BS

Tgt Ion:128 Resp: 890544
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 10.3 15.5

Manual Integrations

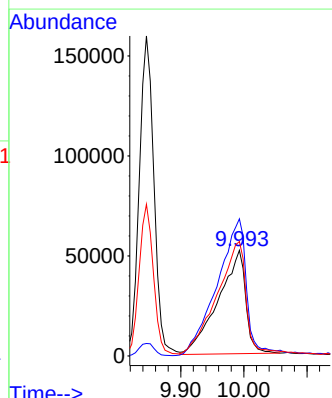
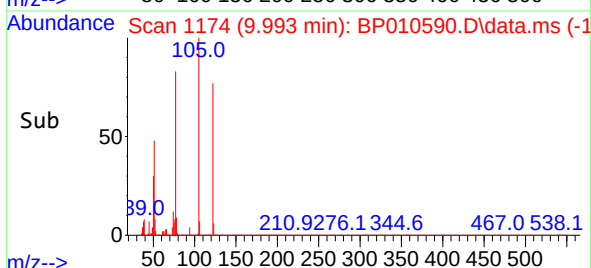
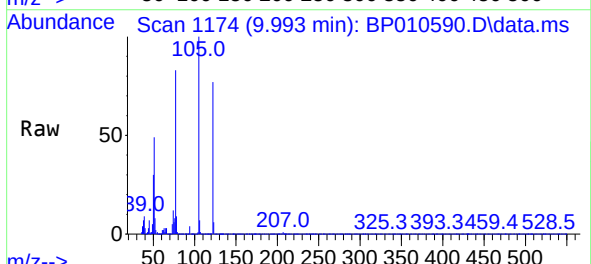
APPROVED

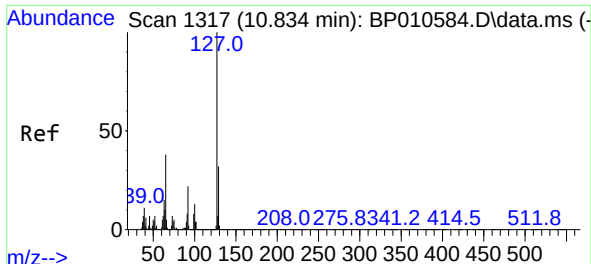
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#32
Benzoic acid
Concen: 38.435 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:122 Resp: 156225
Ion Ratio Lower Upper
122 100
105 130.0 112.6 152.6
77 108.5 90.2 130.2





#33
4-Chloroaniline
Concen: 29.542 ng
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

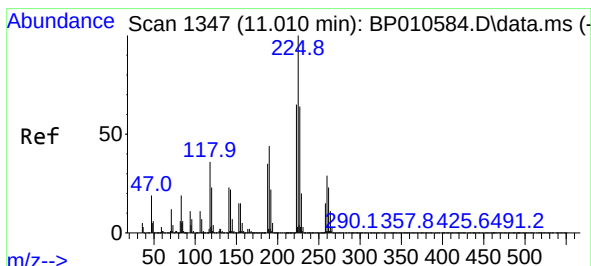
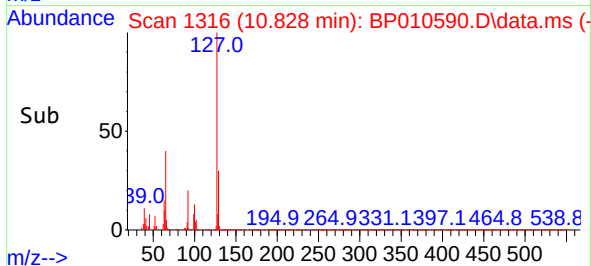
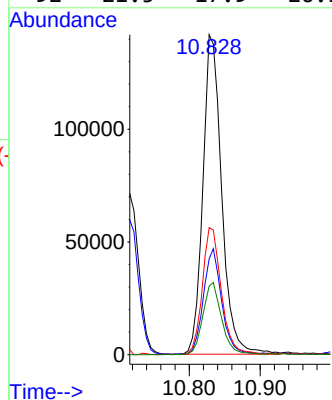
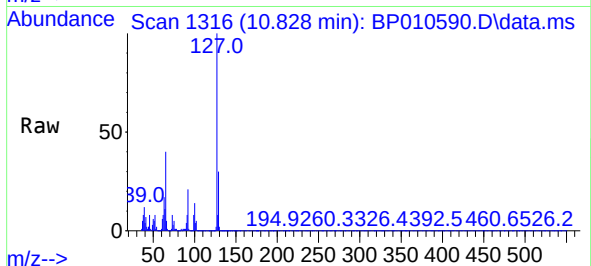
PB145173BS

Tgt Ion:127 Resp: 26178
Ion Ratio Lower Upper
127 100
129 29.9 25.4 38.2
65 39.7 30.4 45.6
92 21.5 17.9 26.9

Manual Integrations

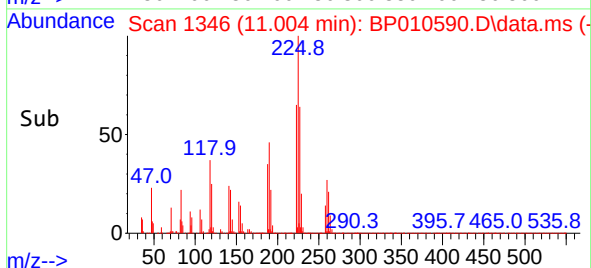
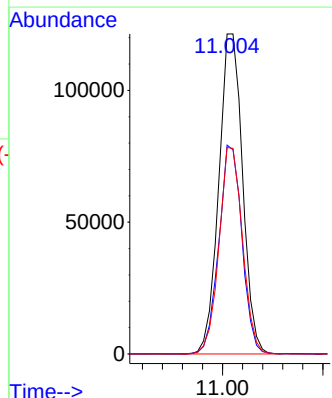
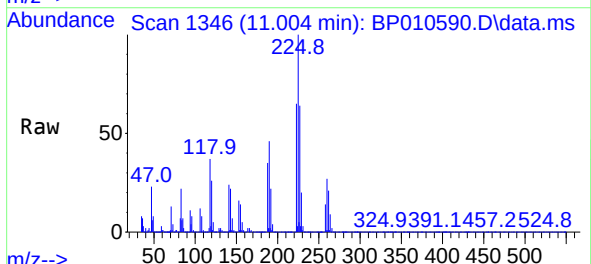
APPROVED

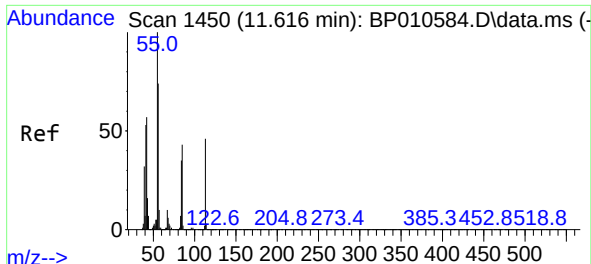
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#34
Hexachlorobutadiene
Concen: 38.753 ng
RT: 11.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:225 Resp: 199419
Ion Ratio Lower Upper
225 100
223 65.2 52.2 78.4
227 64.5 50.8 76.2





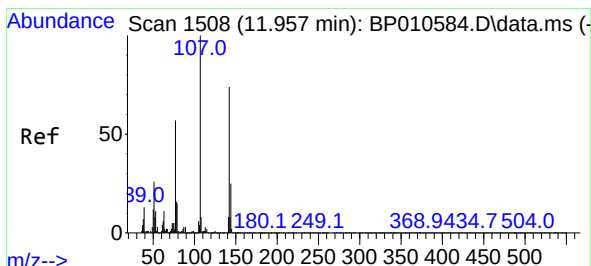
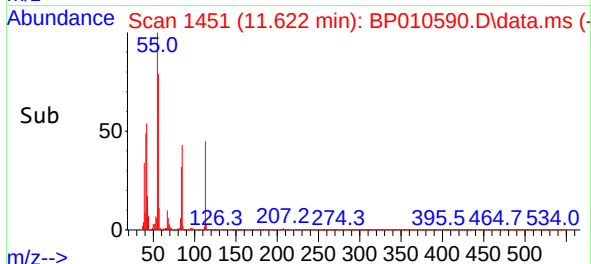
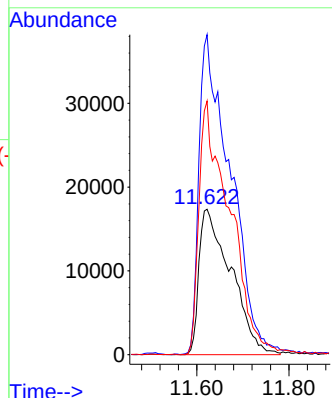
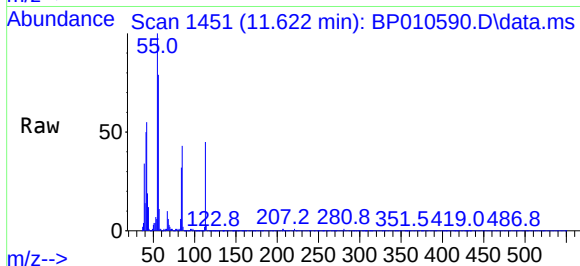
#35
Caprolactam
Concen: 44.700 ng
RT: 11.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion:113 Resp: 83604
Ion Ratio Lower Upper
113 100
55 220.0 198.6 238.6
56 174.4 142.7 182.7

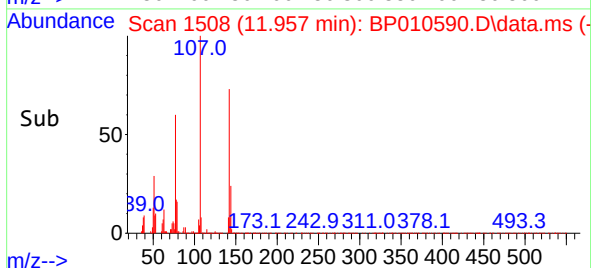
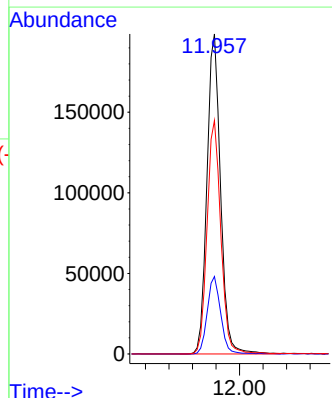
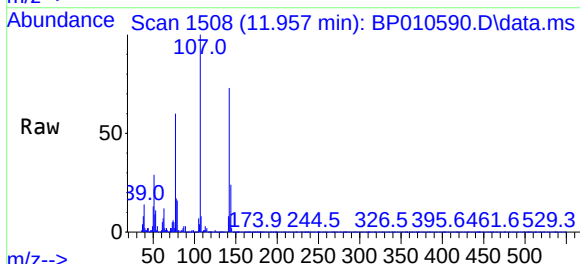
Manual Integrations
APPROVED

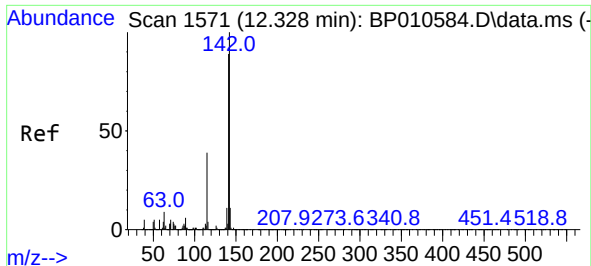
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#36
4-Chloro-3-methylphenol
Concen: 43.180 ng
RT: 11.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:107 Resp: 318777
Ion Ratio Lower Upper
107 100
144 24.2 19.8 29.6
142 73.0 59.0 88.4





#37
2-Methylnaphthalene
Concen: 39.168 ng
RT: 12.328 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

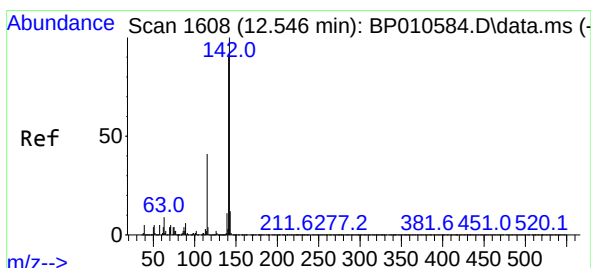
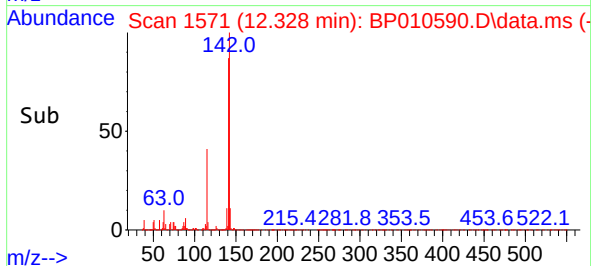
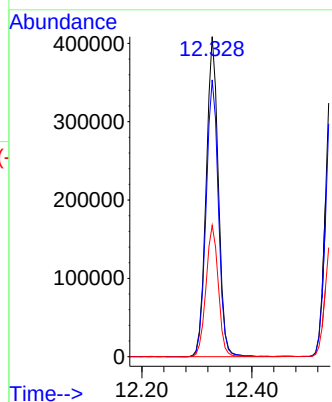
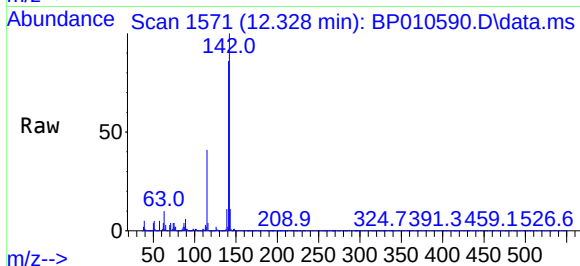
PB145173BS

Tgt Ion:142 Resp: 626919
Ion Ratio Lower Upper
142 100
141 86.5 71.3 106.9
115 41.1 31.4 47.2

Manual Integrations

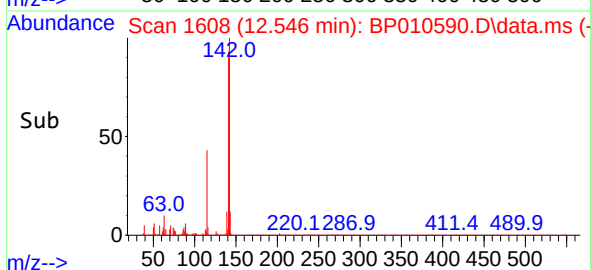
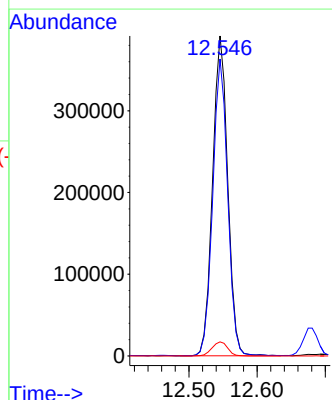
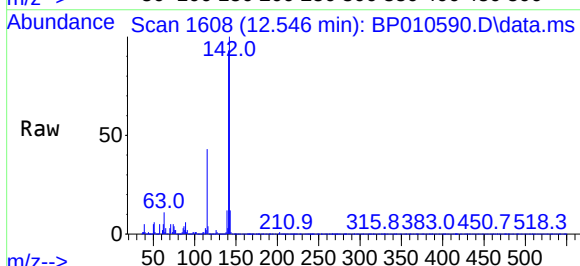
APPROVED

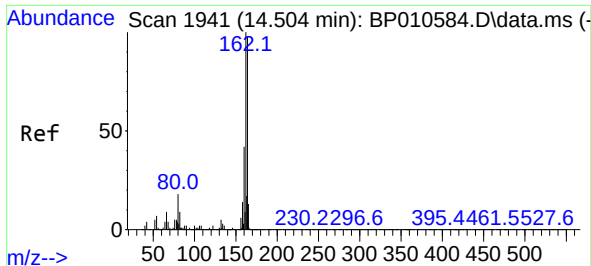
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#38
1-Methylnaphthalene
Concen: 38.690 ng
RT: 12.546 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:142 Resp: 604764
Ion Ratio Lower Upper
142 100
141 92.8 72.6 108.8
116 4.4 3.3 4.9





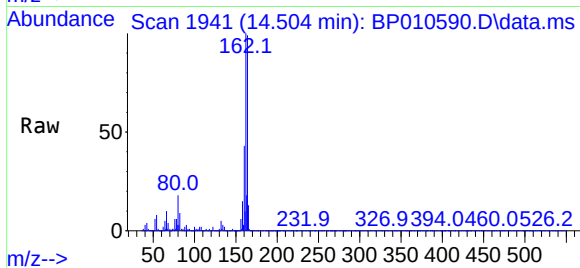
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

PB145173BS

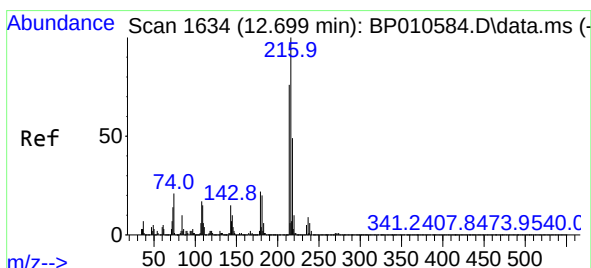
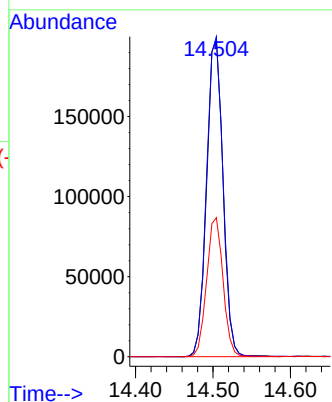
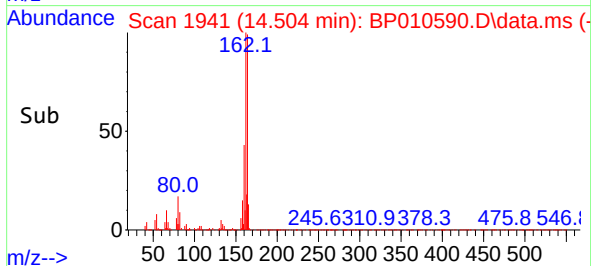


Tgt Ion:164 Resp: 29005
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 43.9 34.6 51.8

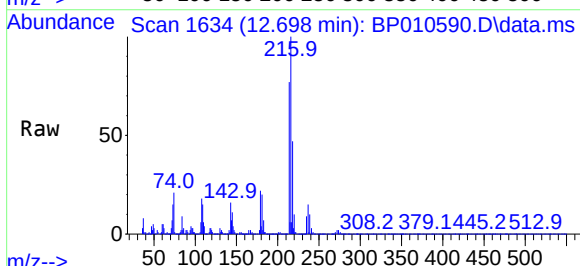
Manual Integrations

APPROVED

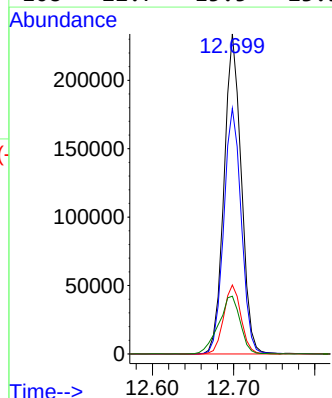
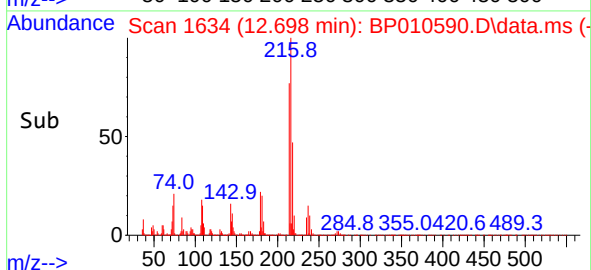
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

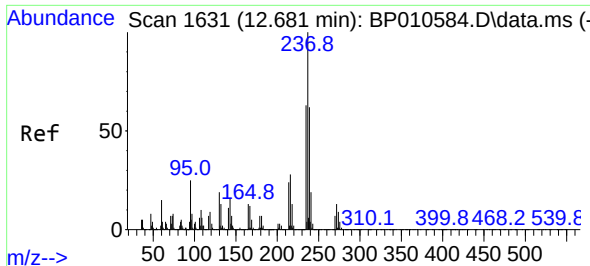


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.209 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



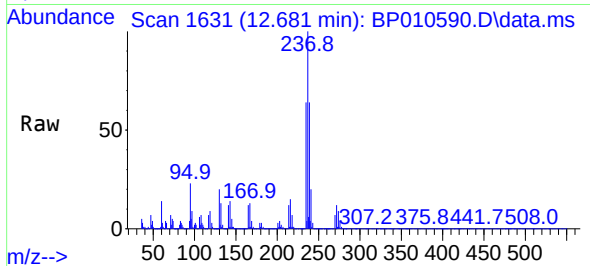
Tgt Ion:216 Resp: 344762
Ion Ratio Lower Upper
216 100
214 78.3 61.9 92.9
179 21.8 17.0 25.6
108 22.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 87.519 ng
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

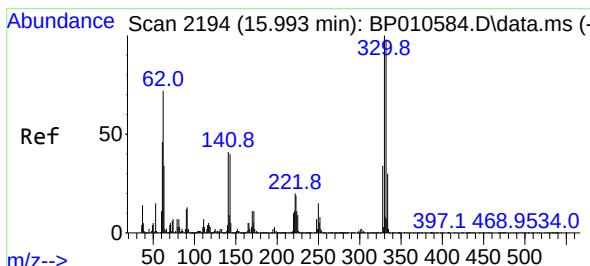
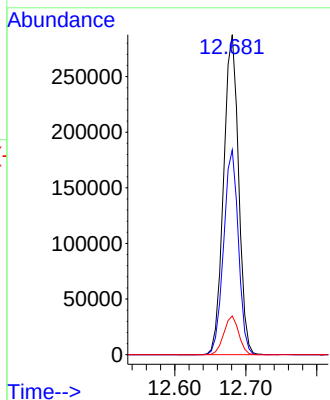
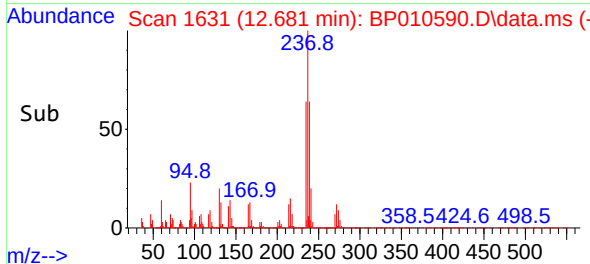
Instrument :
BNA_P
ClientSampleId :
PB145173BS



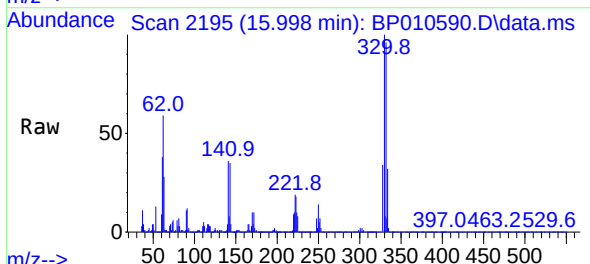
Tgt Ion: 237 Resp: 420370
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.1 0.0 33.0

Manual Integrations
APPROVED

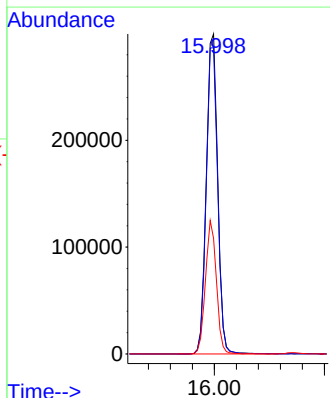
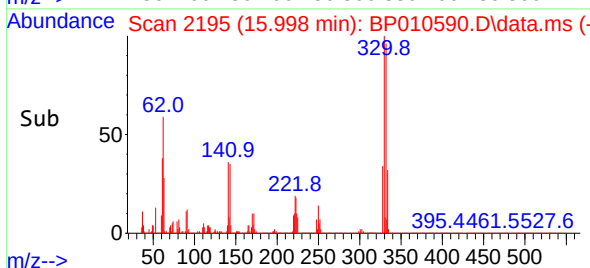
Reviewed By : Christian Giraldo 05/28/2022
Supervised By : Jagrut Upadhyay 05/31/2022

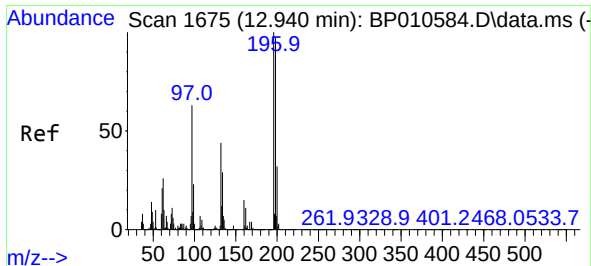


#42
2,4,6-Tribromophenol
Concen: 130.933 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



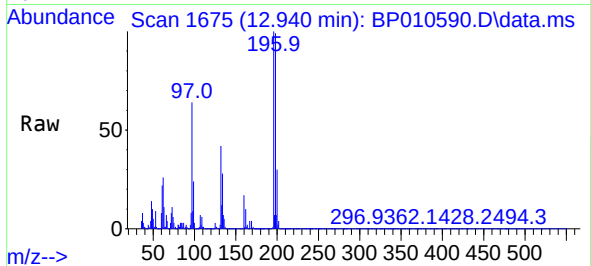
Tgt Ion: 330 Resp: 429886
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 40.1 31.4 47.2





#43
2,4,6-Trichlorophenol
Concen: 40.289 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

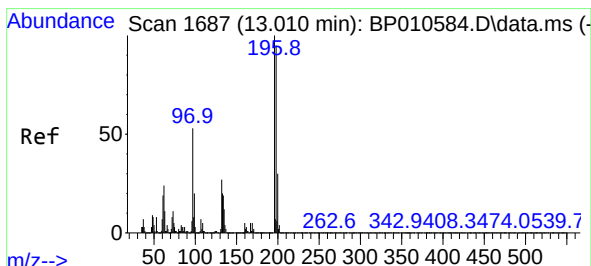
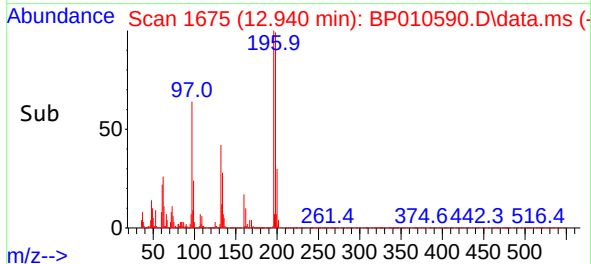
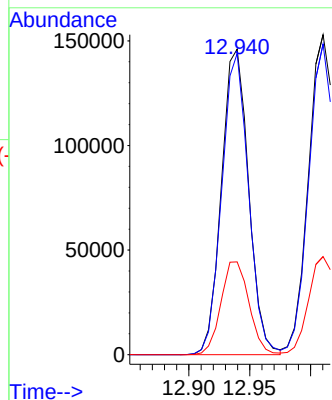
Instrument :
BNA_P
ClientSampleId :
PB145173BS



Tgt Ion:196 Resp: 226944
Ion Ratio Lower Upper
196 100
198 98.5 77.7 116.5
200 30.4 25.5 38.3

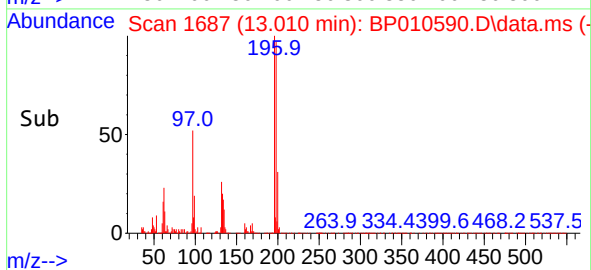
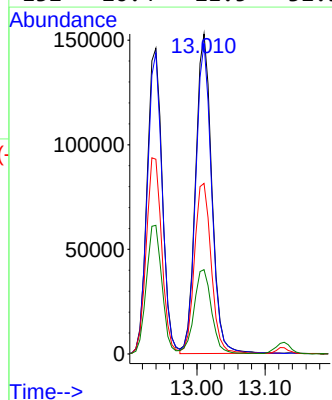
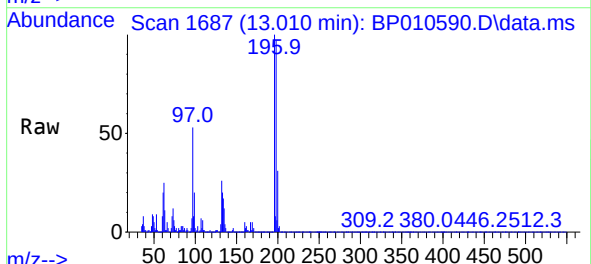
Manual Integrations
APPROVED

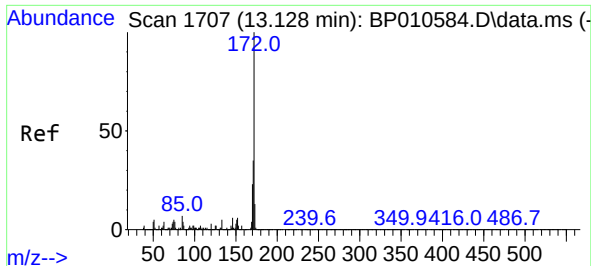
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#44
2,4,5-Trichlorophenol
Concen: 39.409 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:196 Resp: 251086
Ion Ratio Lower Upper
196 100
198 97.1 75.7 113.5
97 53.3 42.4 63.6
132 26.4 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 78.208 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

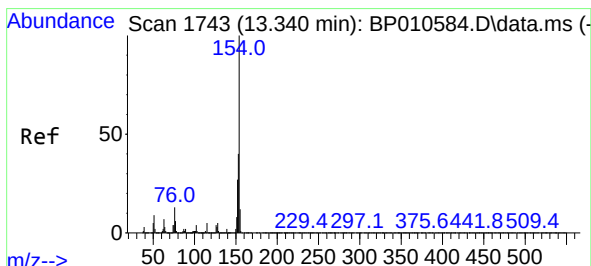
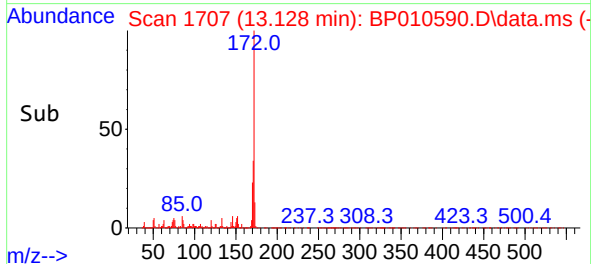
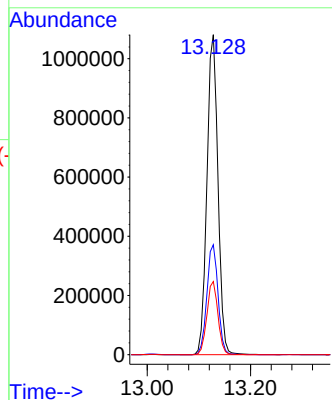
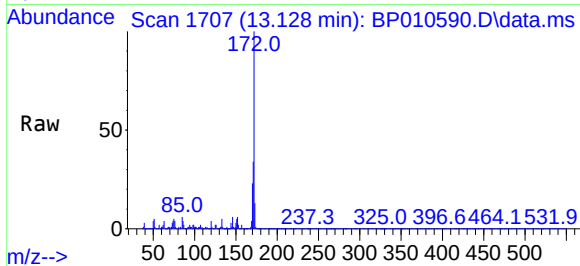
PB145173BS

Tgt Ion:172 Resp: 1598338
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.8 18.2 27.2

Manual Integrations

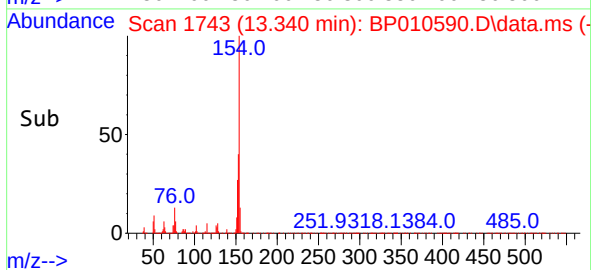
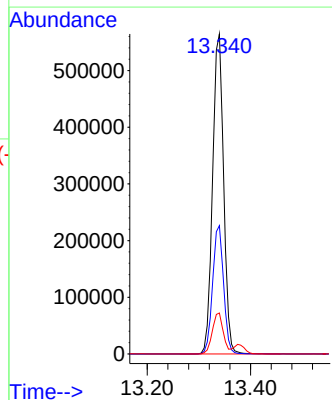
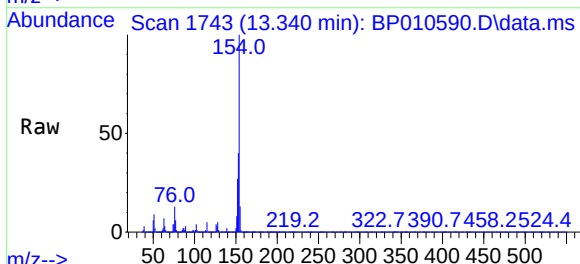
APPROVED

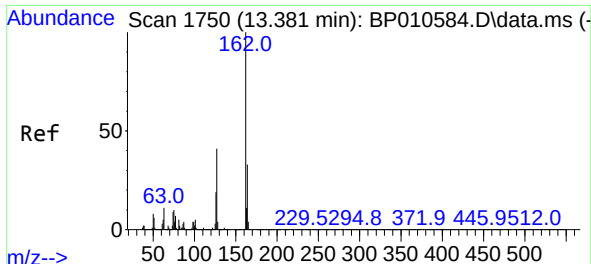
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#46
1,1'-Biphenyl
Concen: 38.615 ng
RT: 13.340 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:154 Resp: 835410
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 38.260 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP010590.D

Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

PB145173BS

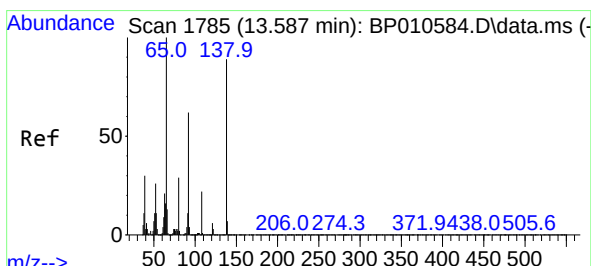
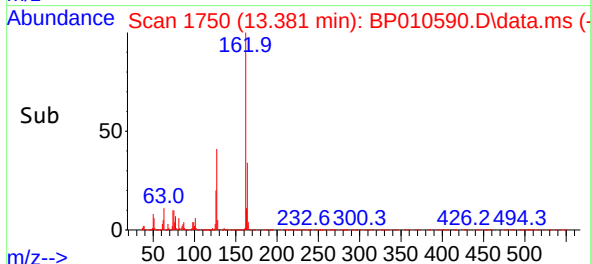
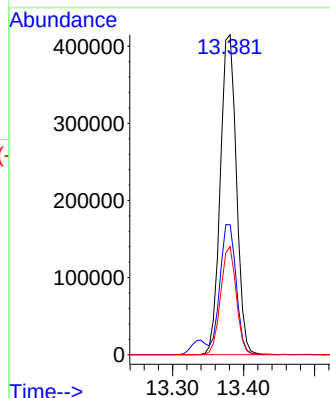
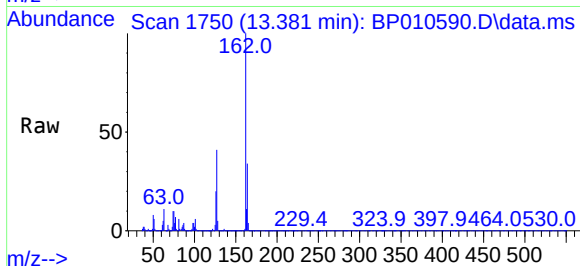
Tgt Ion:	162	Resp:	65060
Ion Ratio	Lower	Upper	
162	100		
127	40.6	32.4	48.6
164	33.8	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/28/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#48

2-Nitroaniline

Concen: 40.808 ng

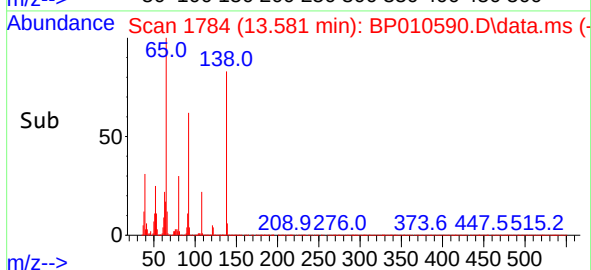
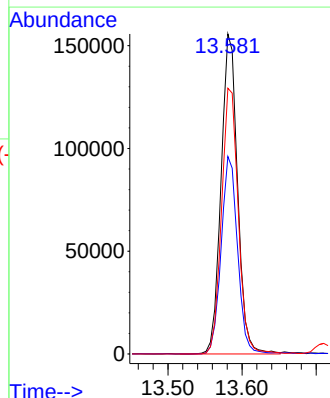
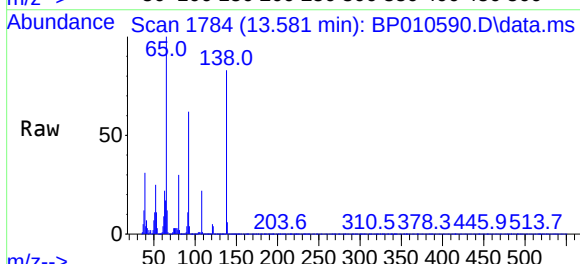
RT: 13.581 min Scan# 1784

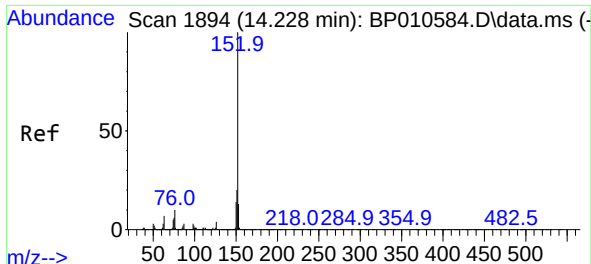
Delta R.T. -0.006 min

Lab File: BP010590.D

Acq: 28 May 2022 02:55

Tgt Ion:	65	Resp:	240513
Ion Ratio	Lower	Upper	
65	100		
92	61.7	50.0	75.0
138	83.0	71.2	106.8





#49
Acenaphthylene
Concen: 41.188 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

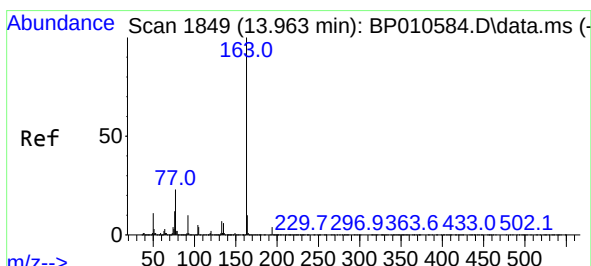
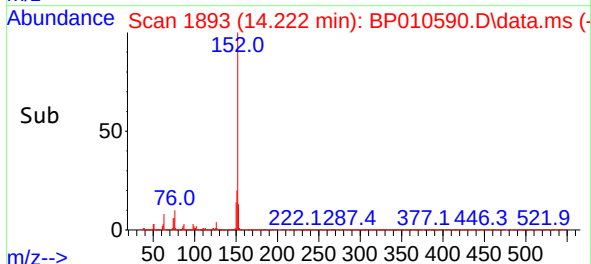
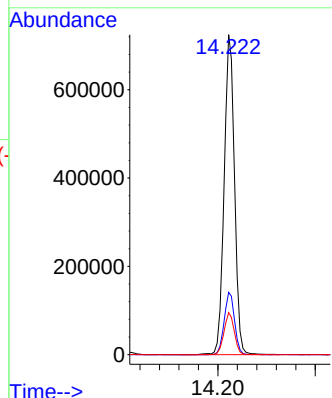
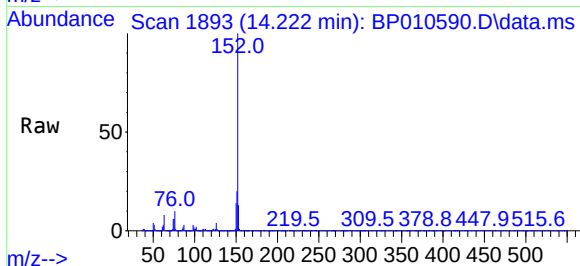
PB145173BS

Tgt Ion:152 Resp: 1075818
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.4 15.6

Manual Integrations

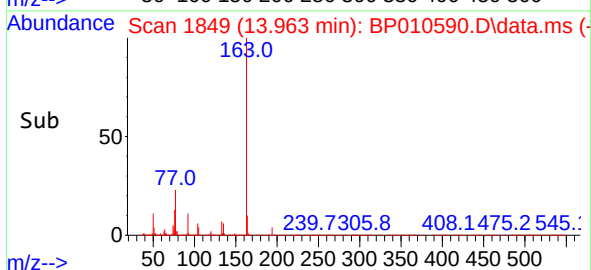
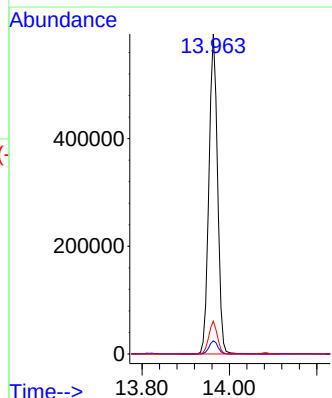
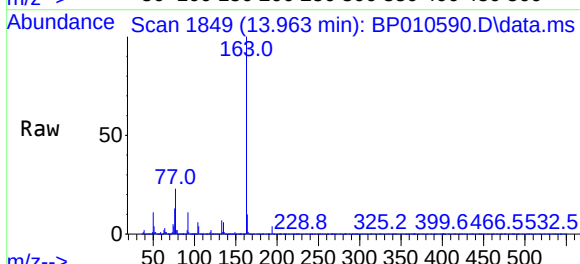
APPROVED

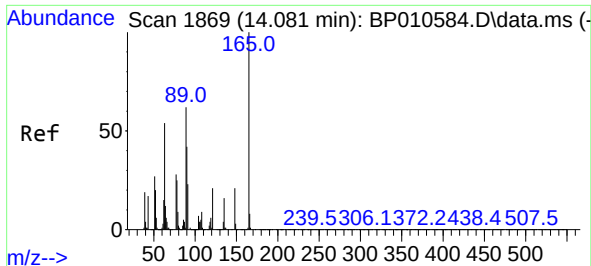
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#50
Dimethylphthalate
Concen: 39.072 ng
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:163 Resp: 815775
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.428 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

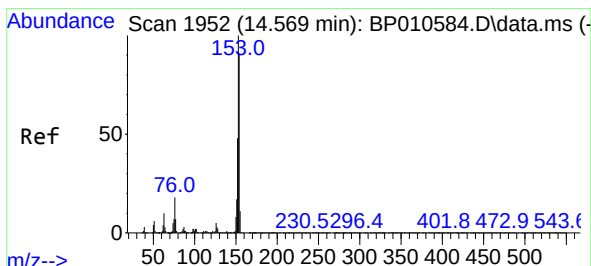
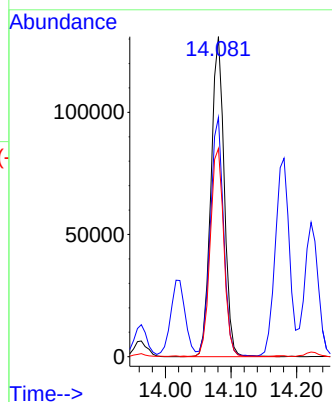
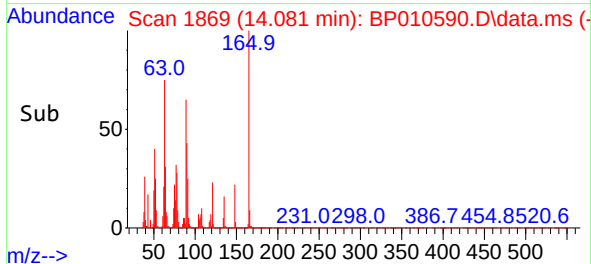
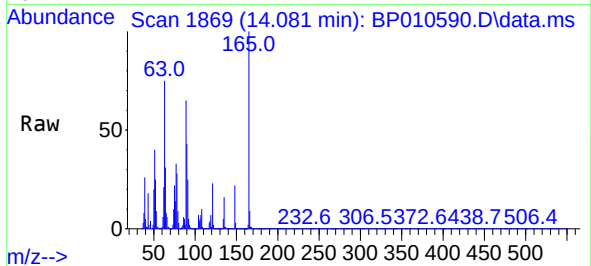
PB145173BS

Tgt Ion:165 Resp: 18394
Ion Ratio Lower Upper
165 100
63 74.8 57.3 85.9
89 65.0 50.2 75.2

Manual Integrations

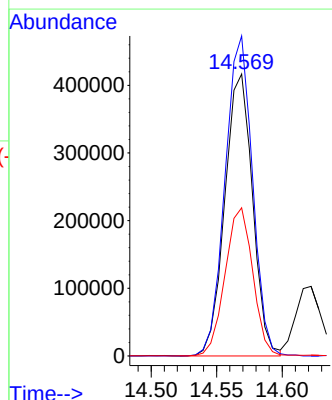
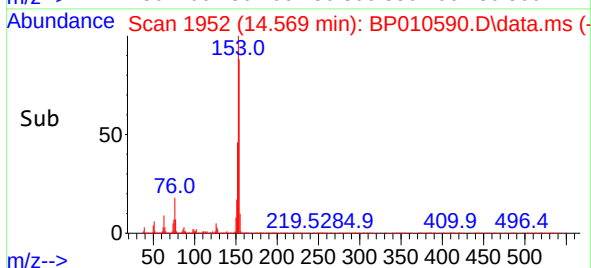
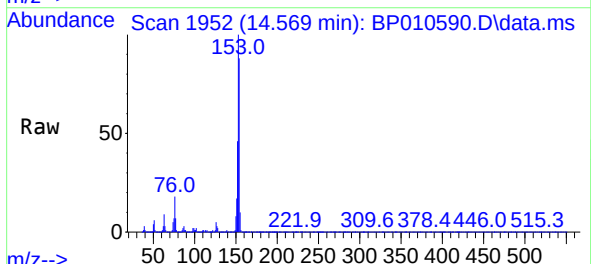
APPROVED

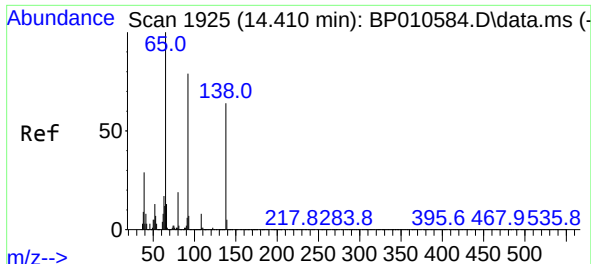
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#52
Acenaphthene
Concen: 38.300 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:154 Resp: 614184
Ion Ratio Lower Upper
154 100
153 113.5 87.4 131.2
152 52.5 41.7 62.5





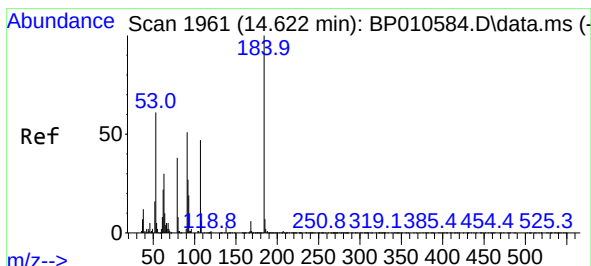
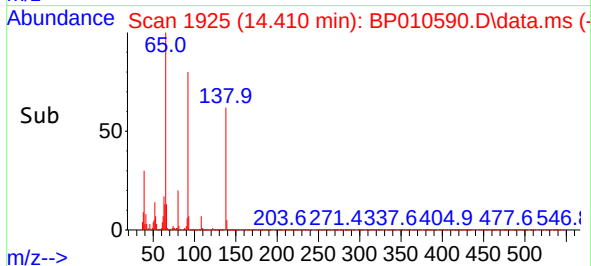
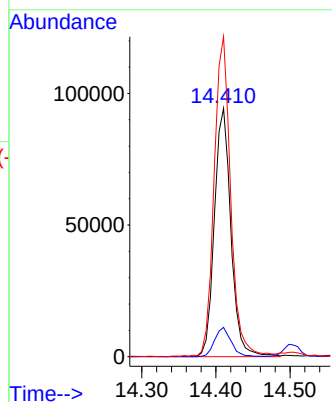
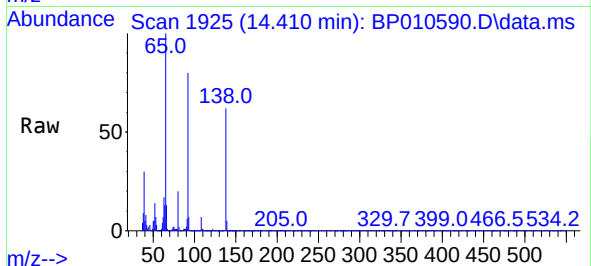
#53
3-Nitroaniline
Concen: 33.551 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion:138 Resp: 145890
Ion Ratio Lower Upper
138 100
108 11.8 9.5 14.3
92 128.9 99.9 149.9

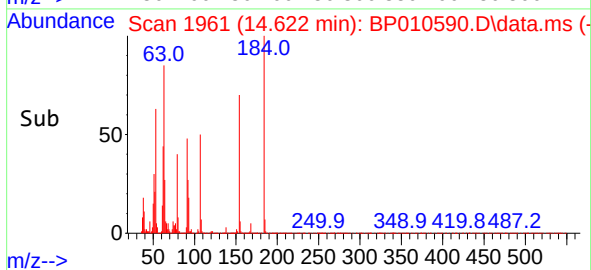
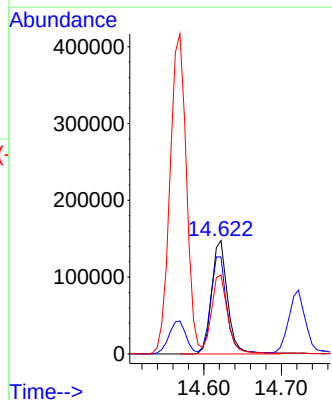
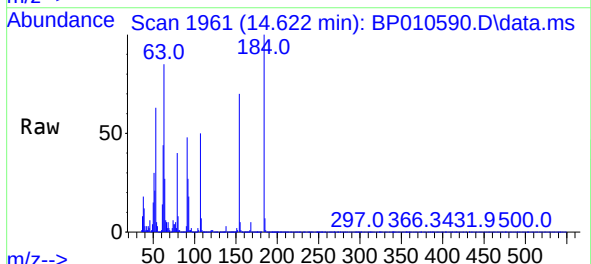
Manual Integrations
APPROVED

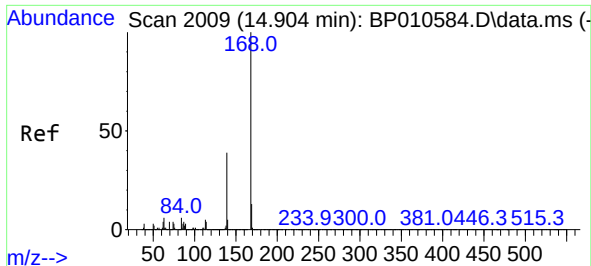
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#54
2,4-Dinitrophenol
Concen: 76.747 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:184 Resp: 209478
Ion Ratio Lower Upper
184 100
63 85.4 65.4 98.2
154 69.7 55.4 83.2





#55
Dibenzenofuran
Concen: 39.711 ng
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

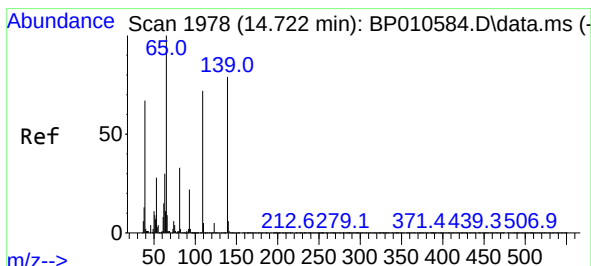
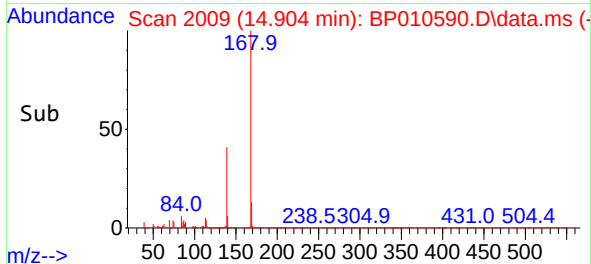
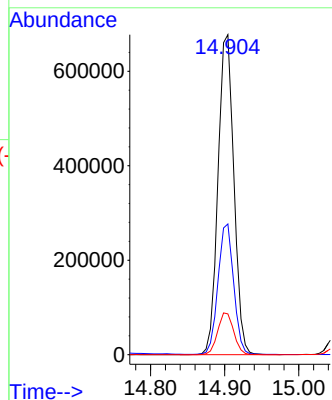
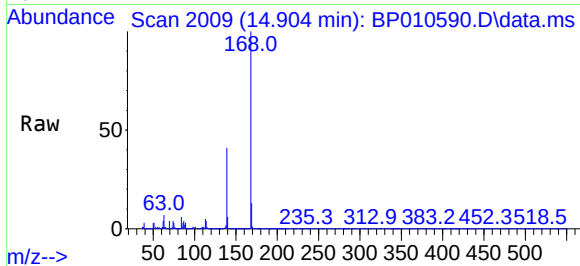
PB145173BS

Tgt Ion:168 Resp: 100701
Ion Ratio Lower Upper
168 100
139 40.9 31.5 47.3
169 12.8 10.3 15.5

Manual Integrations

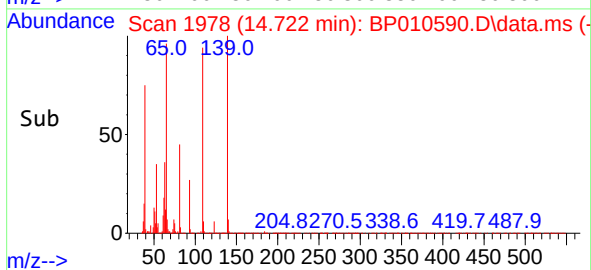
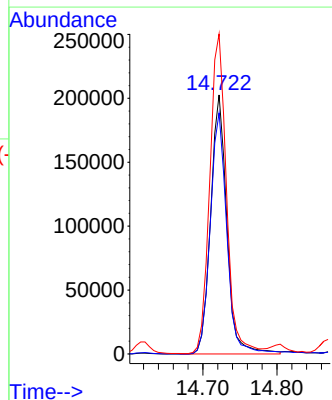
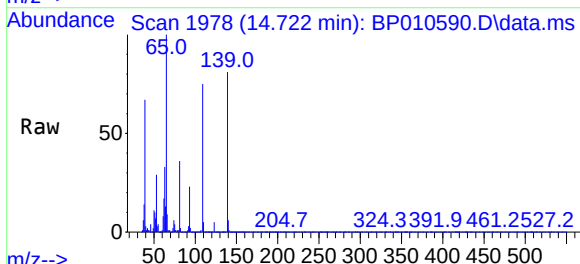
APPROVED

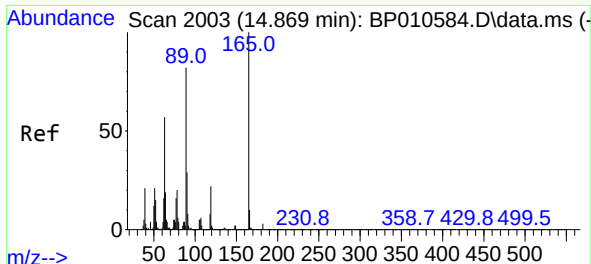
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#56
4-Nitrophenol
Concen: 84.057 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:139 Resp: 308218
Ion Ratio Lower Upper
139 100
109 93.1 70.6 110.6
65 123.6 106.6 146.6





#57
2,4-Dinitrotoluene
Concen: 43.583 ng
RT: 14.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

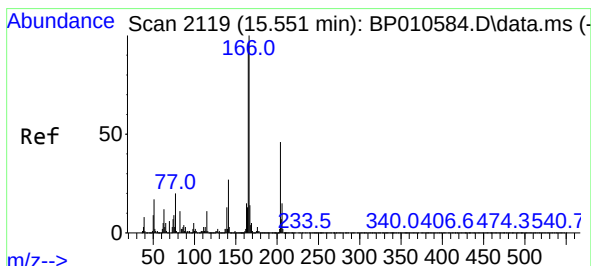
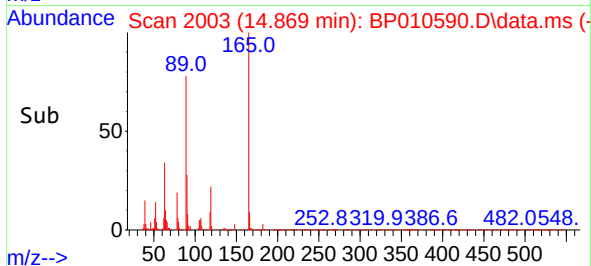
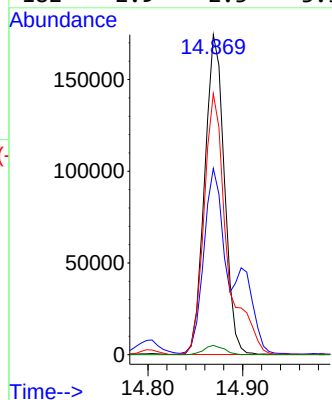
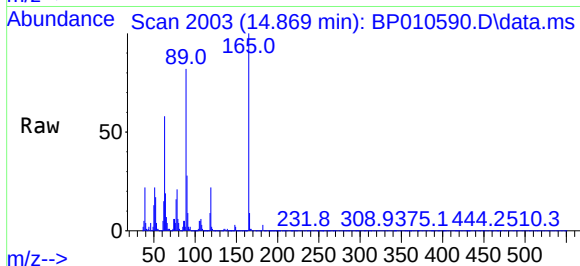
PB145173BS

Tgt Ion:165 Resp: 25188
Ion Ratio Lower Upper
165 100
63 58.2 46.2 69.2
89 81.5 65.8 98.8
182 2.9 2.3 3.5

Manual Integrations

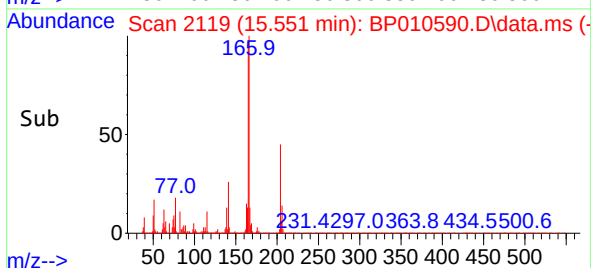
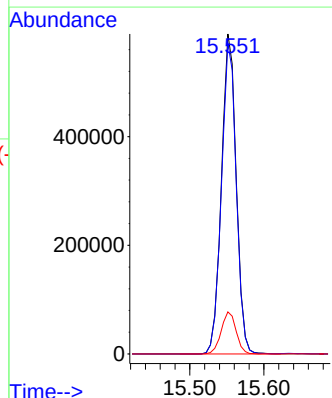
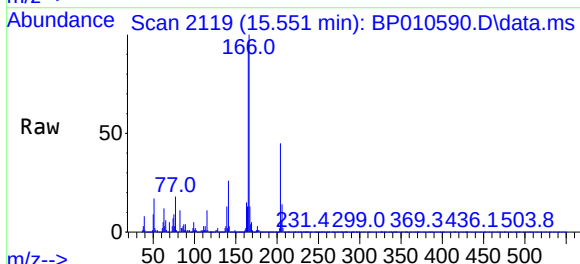
APPROVED

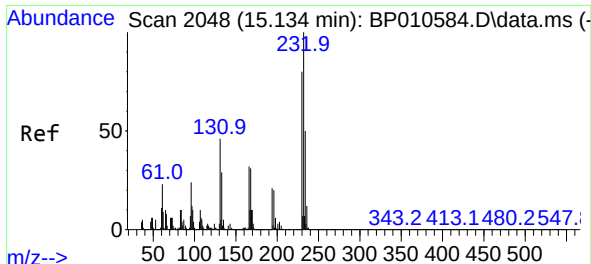
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#58
Fluorene
Concen: 39.332 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:166 Resp: 815406
Ion Ratio Lower Upper
166 100
165 97.1 77.0 115.4
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.326 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

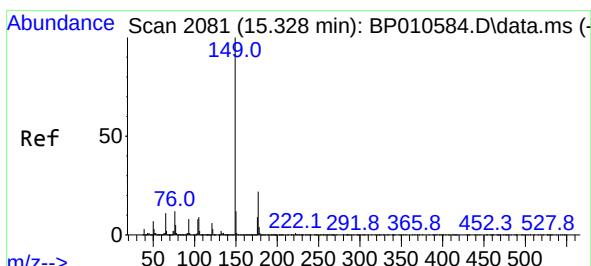
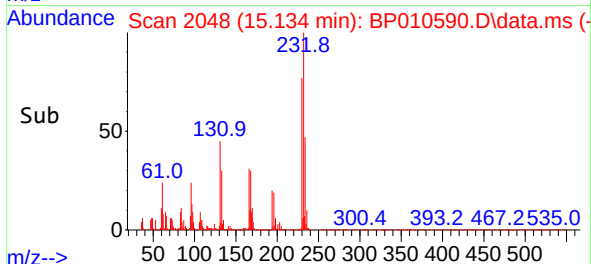
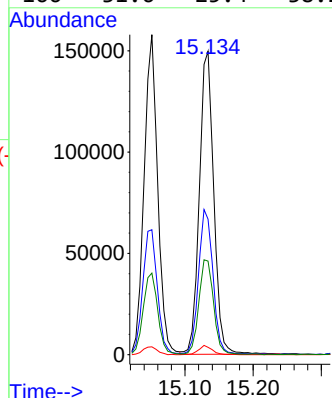
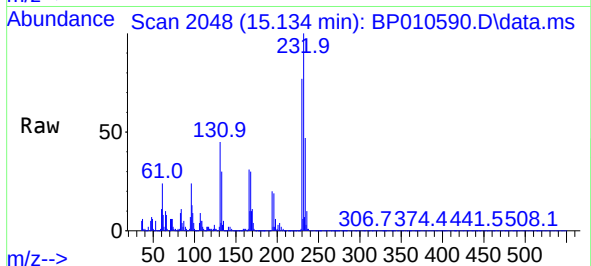
PB145173BS

Tgt Ion:232 Resp: 220240
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.6
130 2.9 2.2 3.2
166 31.6 25.4 38.2

Manual Integrations

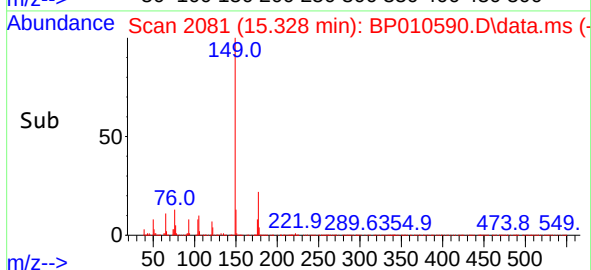
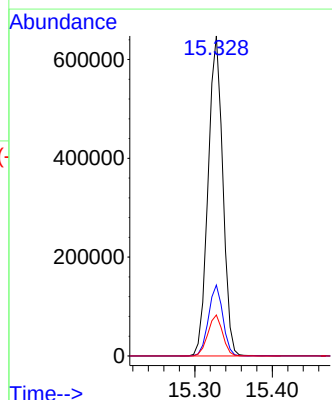
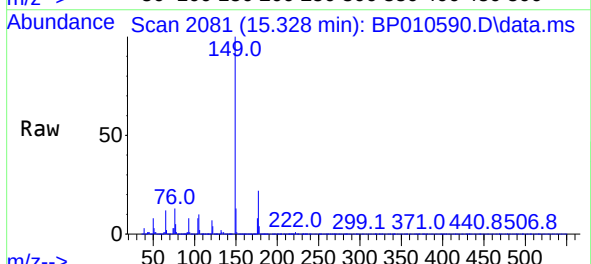
APPROVED

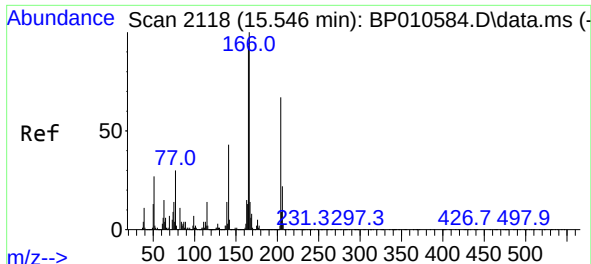
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#60
Diethylphthalate
Concen: 40.892 ng
RT: 15.328 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:149 Resp: 849889
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.379 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

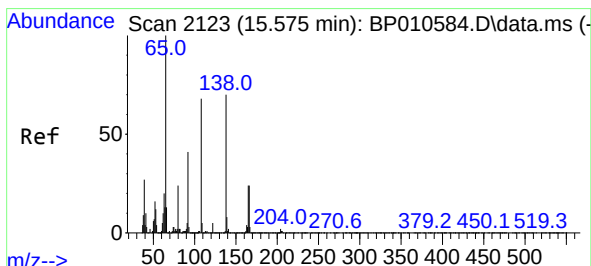
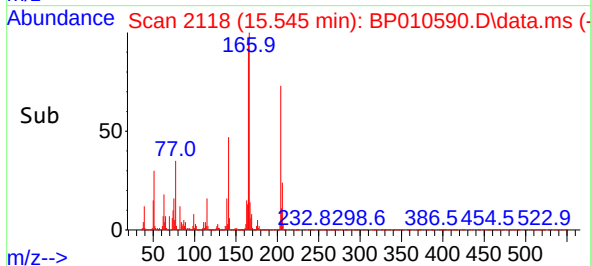
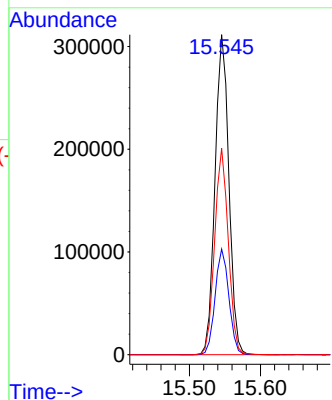
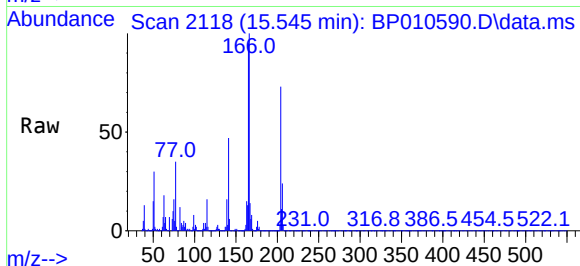
PB145173BS

Tgt Ion:204 Resp: 420749
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 64.5 51.1 76.7

Manual Integrations

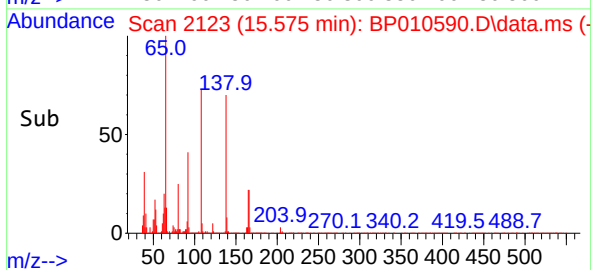
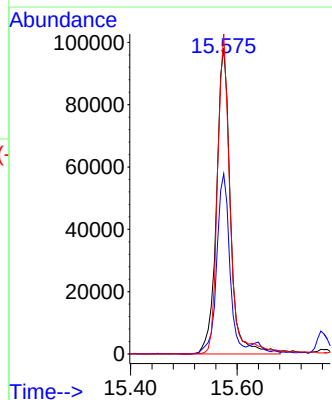
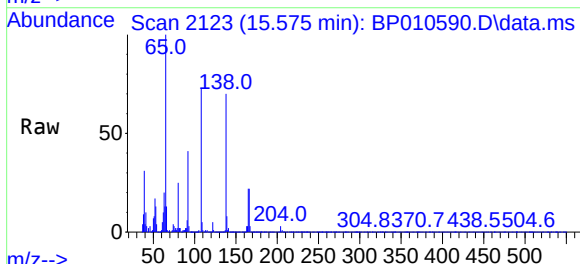
APPROVED

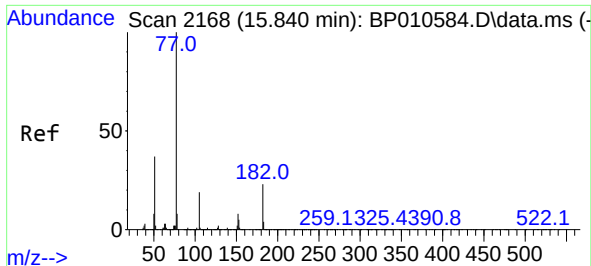
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#62
4-Nitroaniline
Concen: 38.865 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

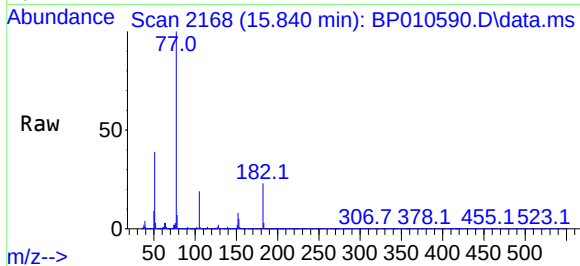
Tgt Ion:138 Resp: 177909
Ion Ratio Lower Upper
138 100
92 59.0 38.0 78.0
108 104.7 77.6 117.6





#63
Azobenzene
Concen: 40.585 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

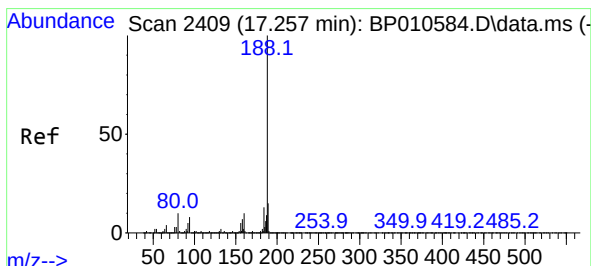
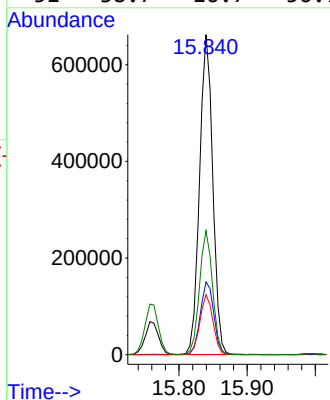
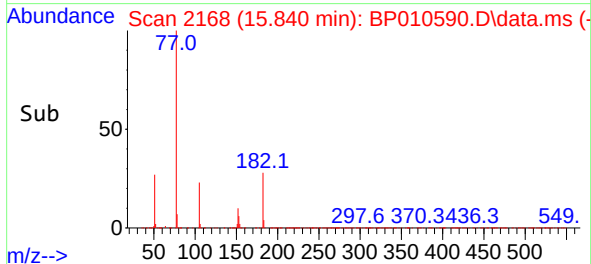
Instrument :
BNA_P
ClientSampleId :
PB145173BS



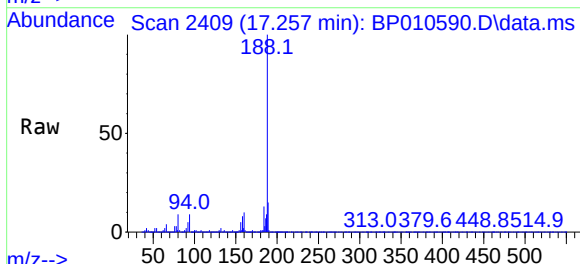
Tgt Ion: 77 Resp: 89086
Ion Ratio Lower Upper
77 100
182 22.8 3.0 43.0
105 18.8 0.0 38.6
51 38.7 16.7 56.7

Manual Integrations
APPROVED

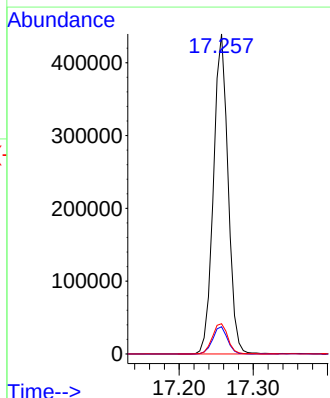
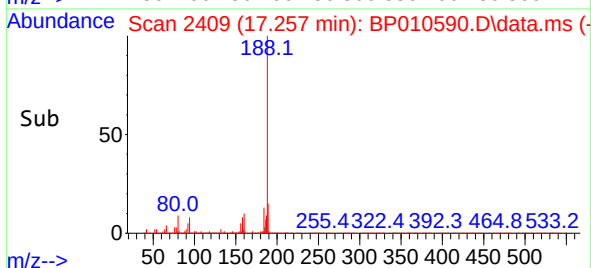
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

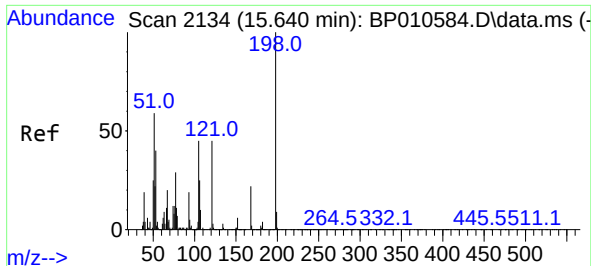


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:188 Resp: 599777
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.5 8.0 12.0





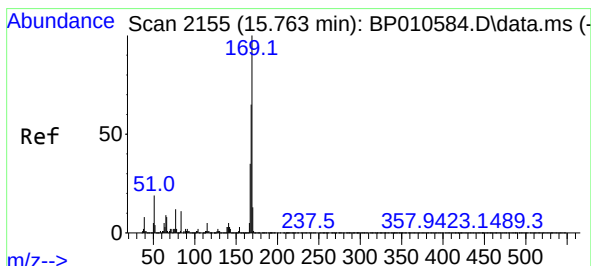
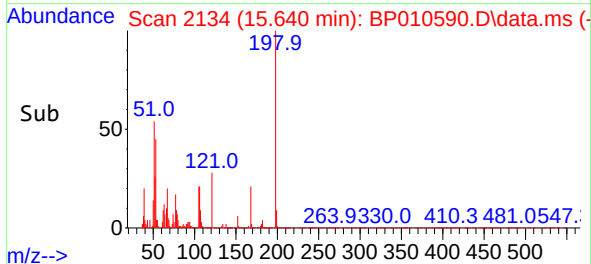
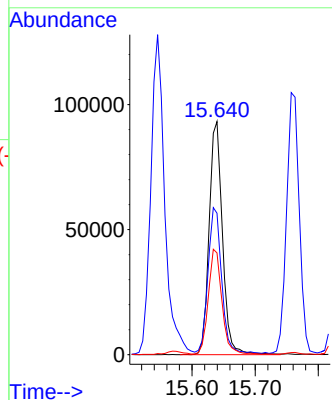
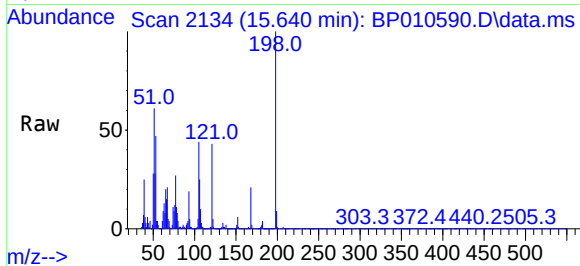
#65
4,6-Dinitro-2-methylphenol
Concen: 36.948 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :
BNA_P
ClientSampleId :
PB145173BS

Tgt Ion:198 Resp: 13626
Ion Ratio Lower Upper
198 100
51 60.7 41.2 81.2
105 43.7 25.3 65.3

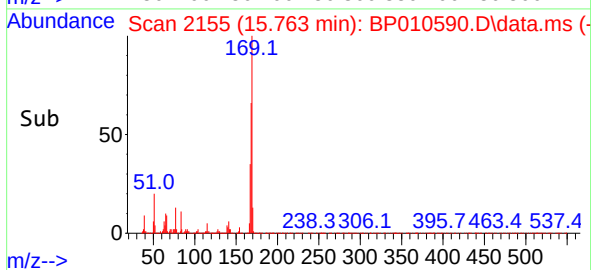
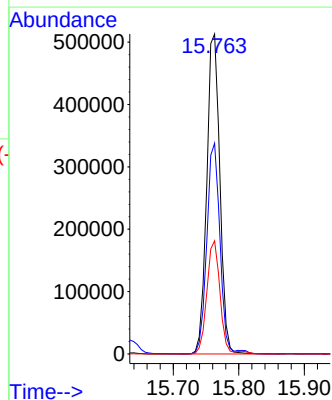
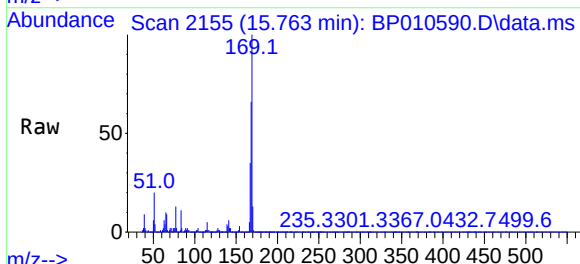
Manual Integrations
APPROVED

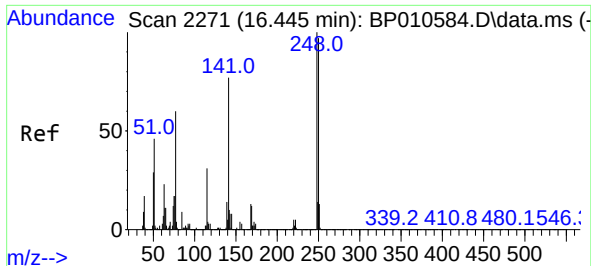
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#66
n-Nitrosodiphenylamine
Concen: 39.562 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:169 Resp: 714484
Ion Ratio Lower Upper
169 100
168 65.9 51.8 77.8
167 35.3 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 38.894 ng
RT: 16.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

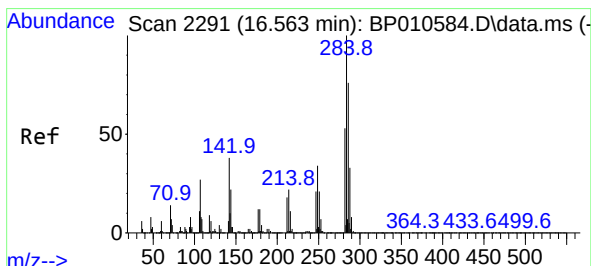
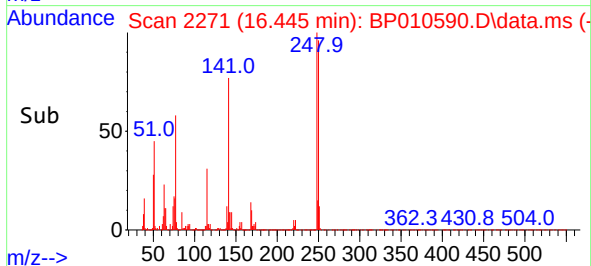
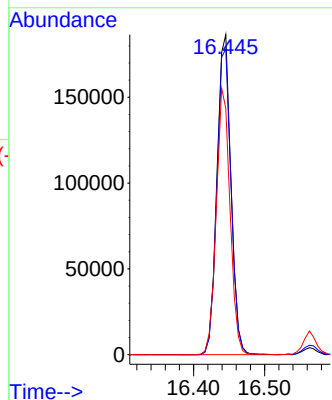
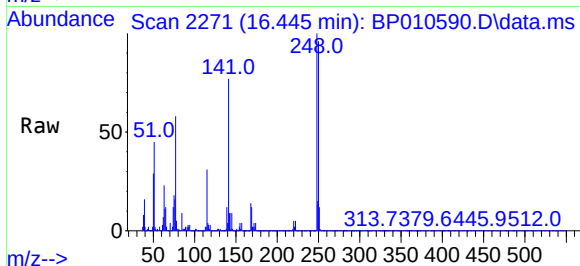
PB145173BS

Tgt Ion:248 Resp: 253770
Ion Ratio Lower Upper
248 100
250 95.5 77.7 116.5
141 76.9 62.0 93.0

Manual Integrations

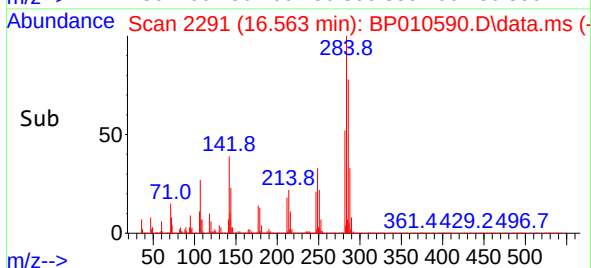
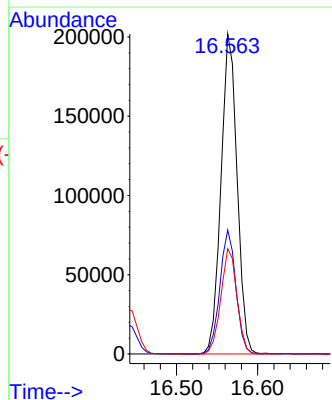
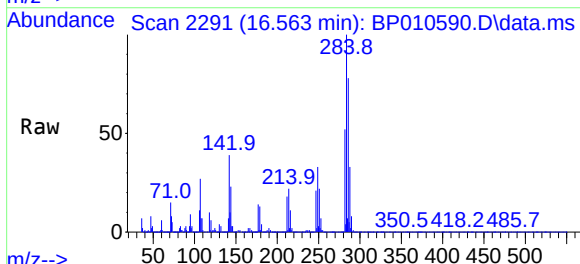
APPROVED

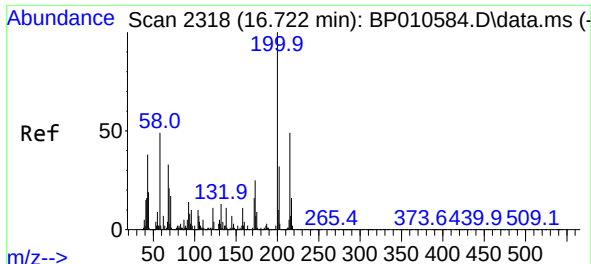
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#68
Hexachlorobenzene
Concen: 38.774 ng
RT: 16.563 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

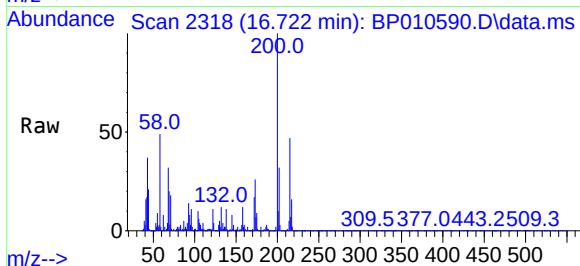
Tgt Ion:284 Resp: 279449
Ion Ratio Lower Upper
284 100
142 38.7 30.8 46.2
249 32.9 26.8 40.2





#69
Atrazine
Concen: 43.901 ng
RT: 16.722 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

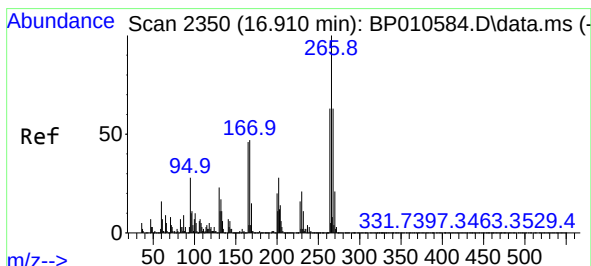
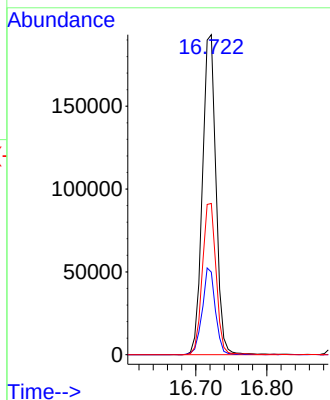
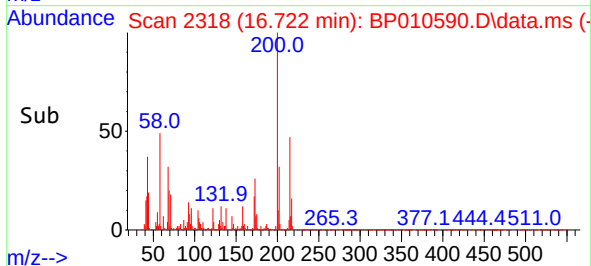
Instrument :
BNA_P
ClientSampleId :
PB145173BS



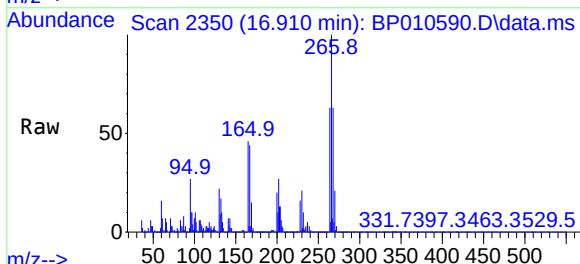
Tgt Ion:200 Resp: 257159
Ion Ratio Lower Upper
200 100
173 25.8 5.3 45.3
215 47.3 29.4 69.4

Manual Integrations
APPROVED

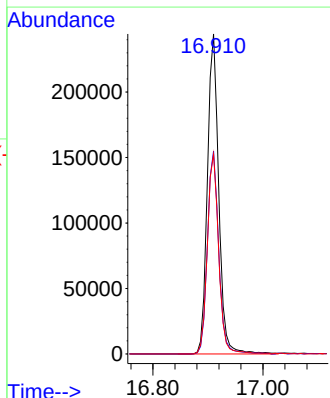
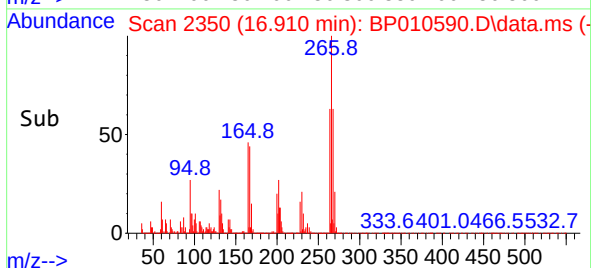
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

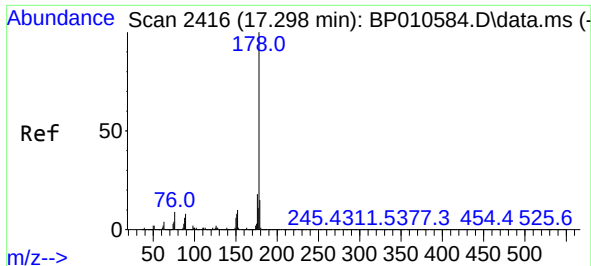


#70
Pentachlorophenol
Concen: 84.233 ng
RT: 16.910 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:266 Resp: 348483
Ion Ratio Lower Upper
266 100
268 63.4 50.5 75.7
264 62.5 50.4 75.6





#71
Phenanthrene
Concen: 39.313 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

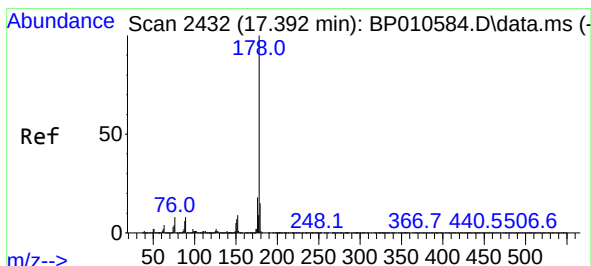
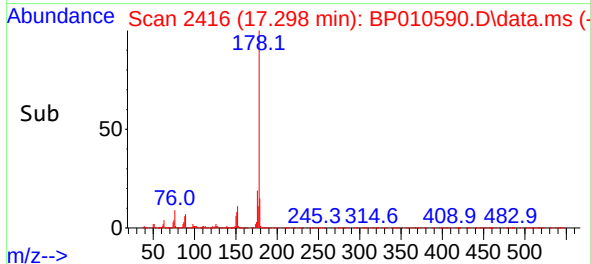
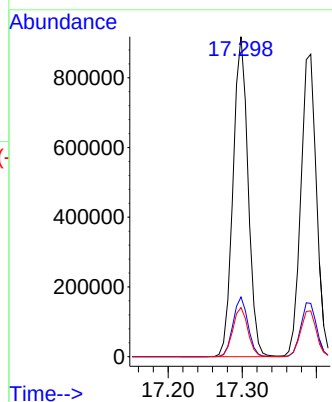
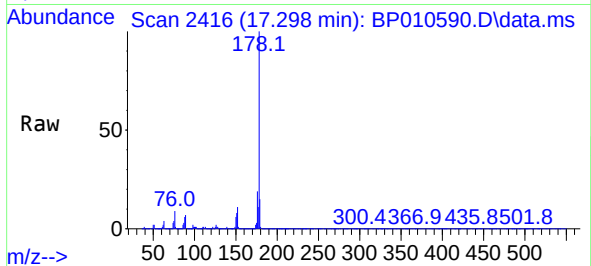
PB145173BS

Tgt Ion:178 Resp: 1293058
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.3 12.2 18.2

Manual Integrations

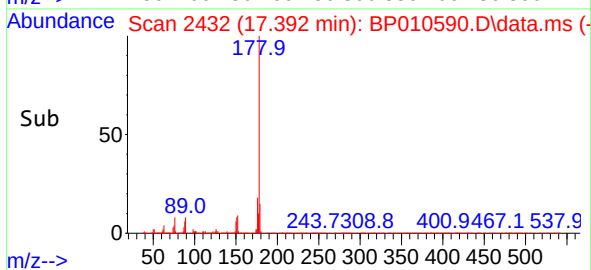
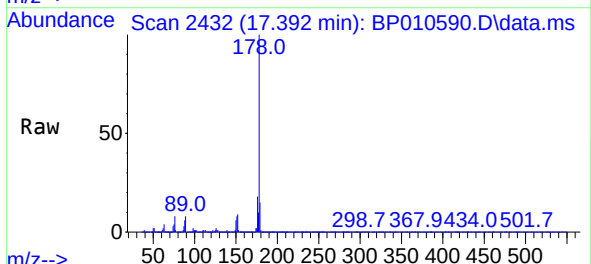
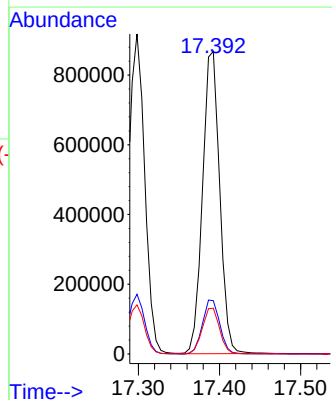
APPROVED

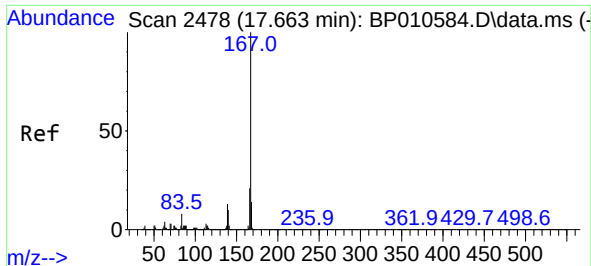
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#72
Anthracene
Concen: 40.391 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:178 Resp: 1272125
Ion Ratio Lower Upper
178 100
176 17.6 14.5 21.7
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 43.389 ng
 RT: 17.663 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP010590.D
 Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

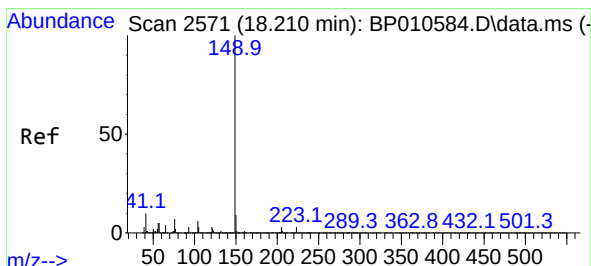
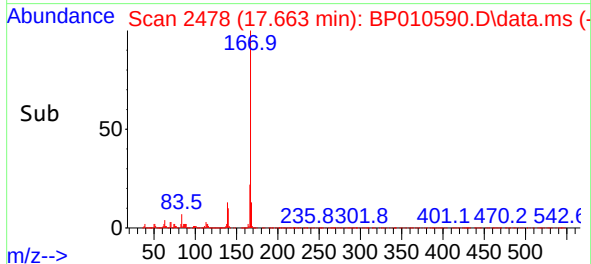
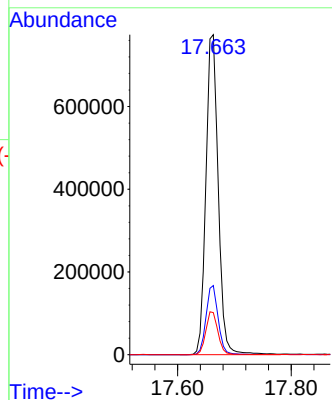
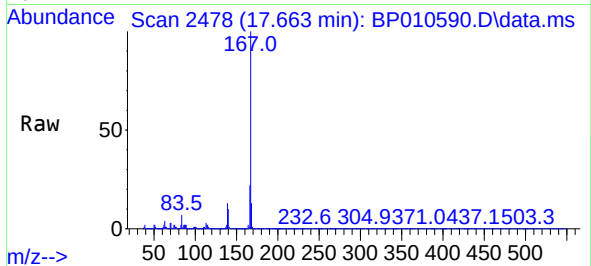
PB145173BS

Tgt Ion:167 Resp: 1161428
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 13.1 10.6 15.8

Manual Integrations

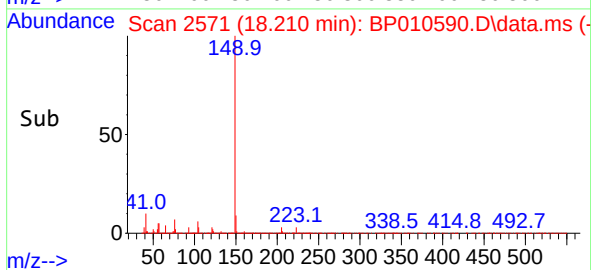
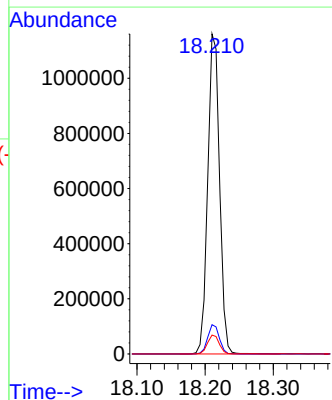
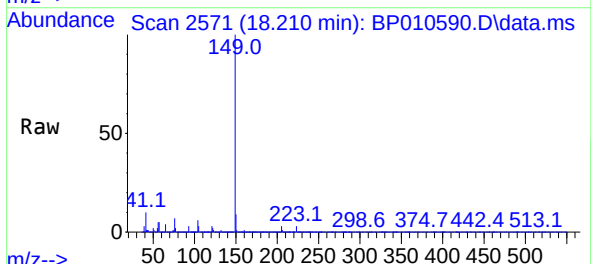
APPROVED

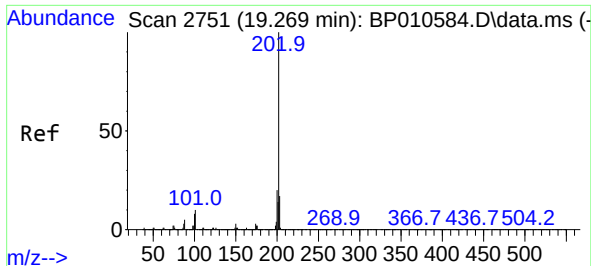
Reviewed By :Christian Giraldo 05/28/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#74
 Di-n-butylphthalate
 Concen: 41.069 ng
 RT: 18.210 min Scan# 2571
 Delta R.T. -0.000 min
 Lab File: BP010590.D
 Acq: 28 May 2022 02:55

Tgt Ion:149 Resp: 1397577
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 40.397 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

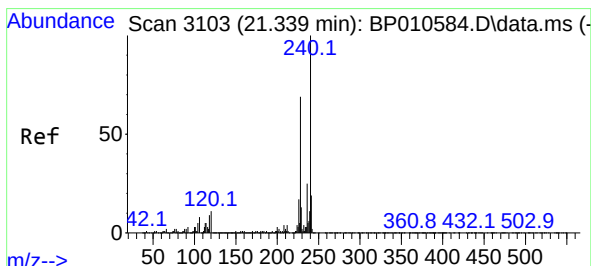
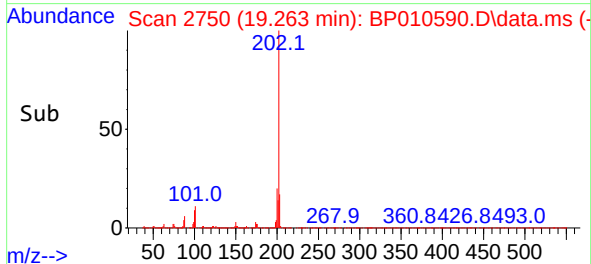
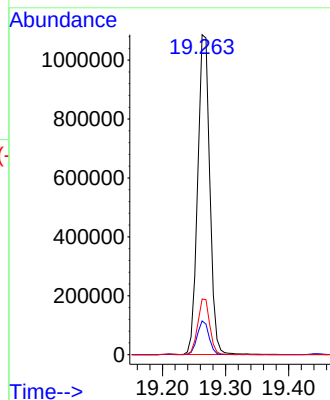
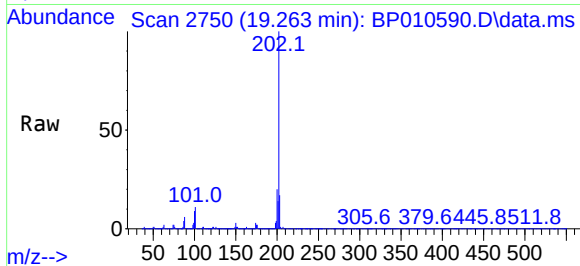
PB145173BS

Tgt Ion:202 Resp: 144319
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.6
203 17.4 0.0 36.9

Manual Integrations

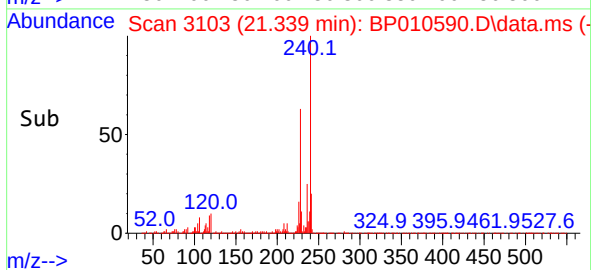
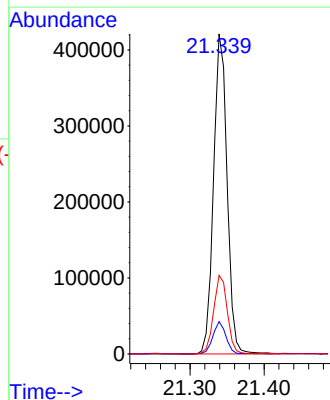
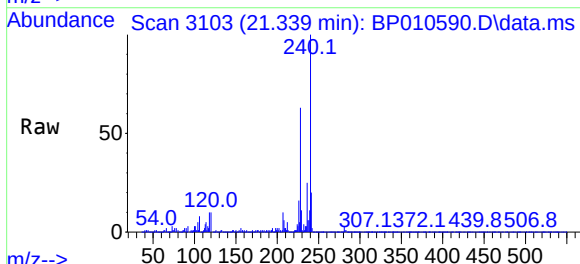
APPROVED

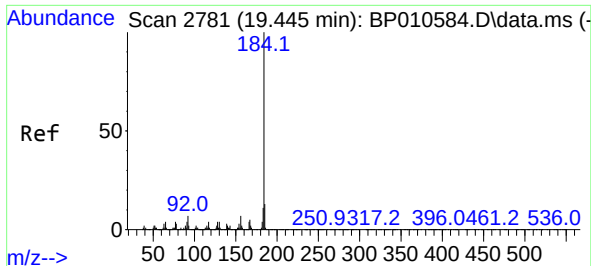
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

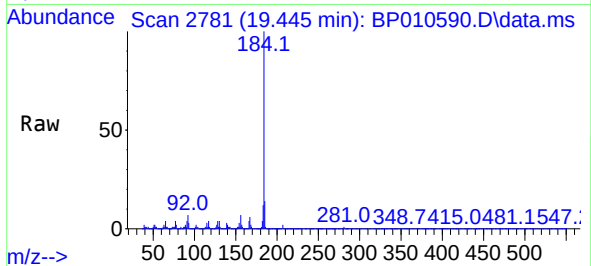
Tgt Ion:240 Resp: 534039
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 24.5 19.8 29.6





#77
Benzidine
Concen: 54.020 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

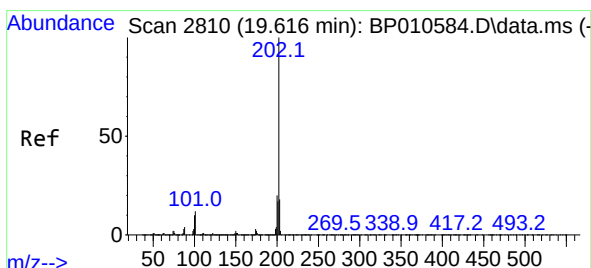
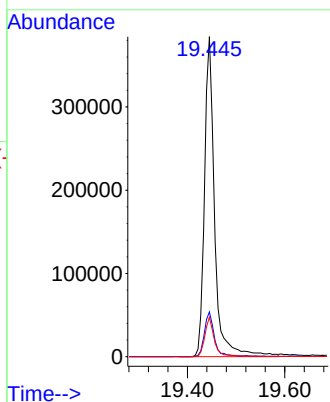
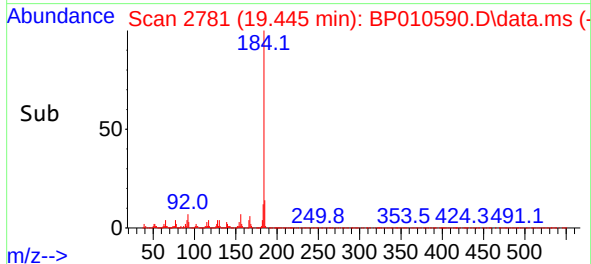
Instrument :
BNA_P
ClientSampleId :
PB145173BS



Tgt Ion:184 Resp: 554164
Ion Ratio Lower Upper
184 100
185 14.0 10.7 16.1
183 12.4 9.0 13.6

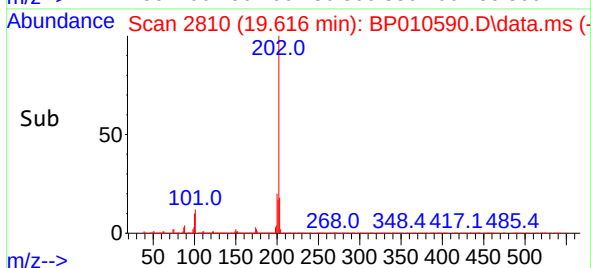
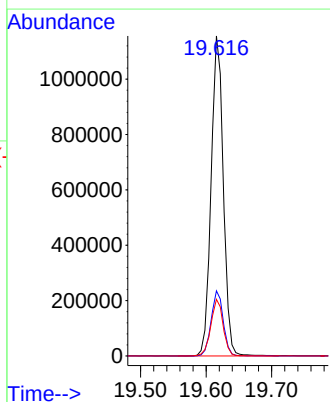
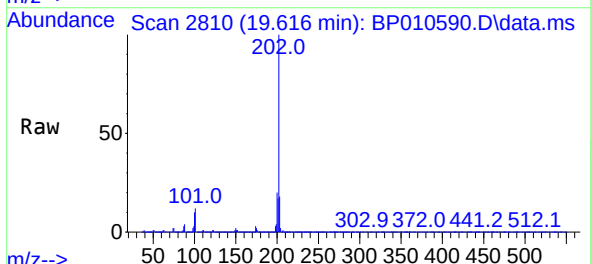
Manual Integrations
APPROVED

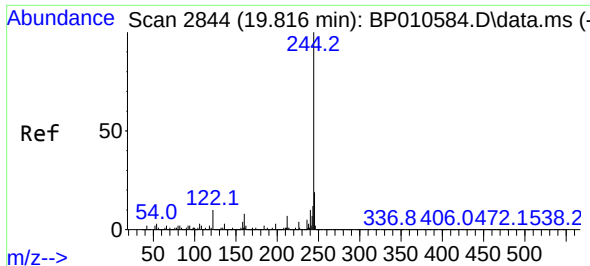
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 40.163 ng
RT: 19.616 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:202 Resp: 1494733
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.7 14.2 21.4





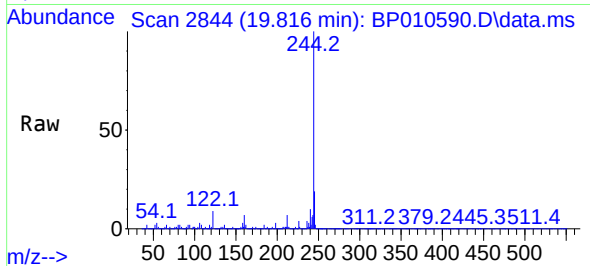
#79
Terphenyl-d14
Concen: 87.647 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

PB145173BS

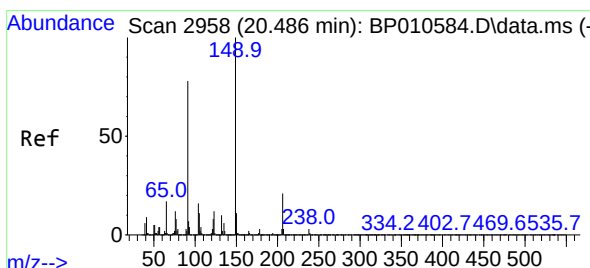
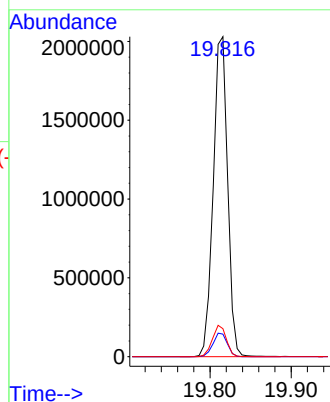
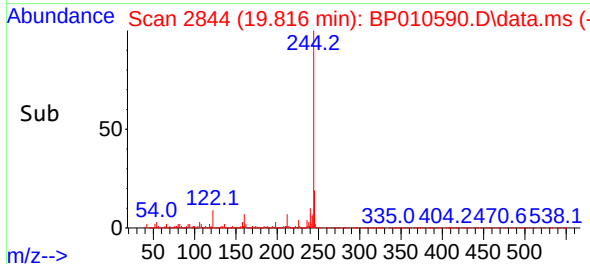


Tgt Ion:244 Resp: 2491962
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.7 7.6 11.4

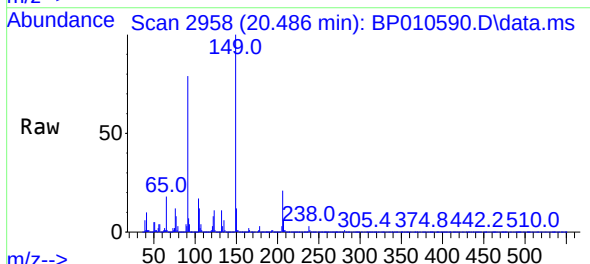
Manual Integrations

APPROVED

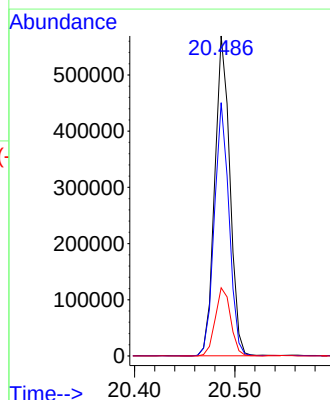
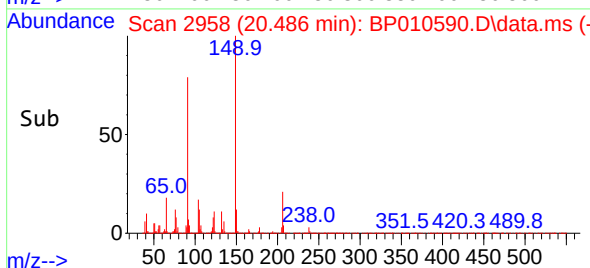
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

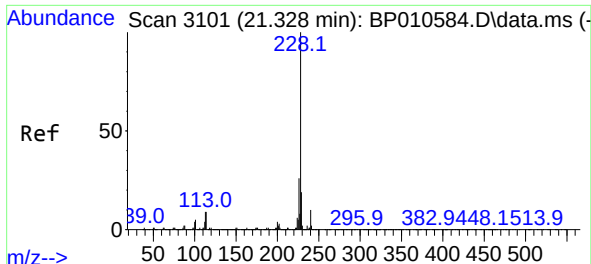


#80
Butylbenzylphthalate
Concen: 40.810 ng
RT: 20.486 min Scan# 2958
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



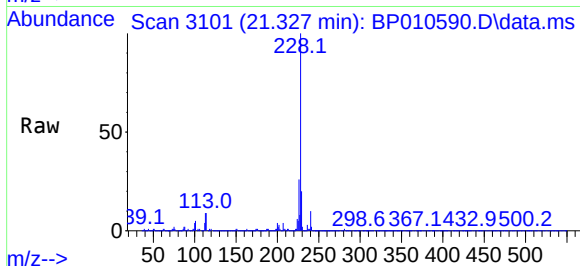
Tgt Ion:149 Resp: 598187
Ion Ratio Lower Upper
149 100
91 79.1 62.5 93.7
206 21.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 40.263 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

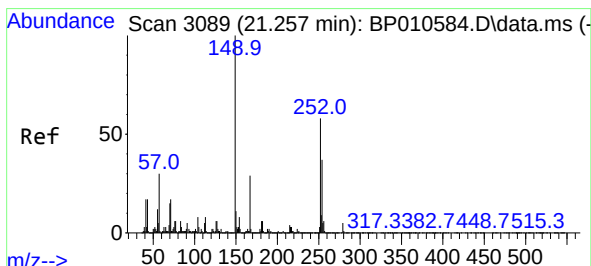
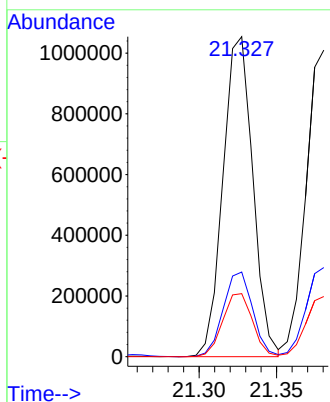
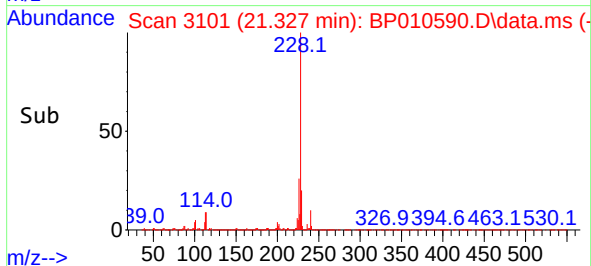
Instrument :
BNA_P
ClientSampleId :
PB145173BS



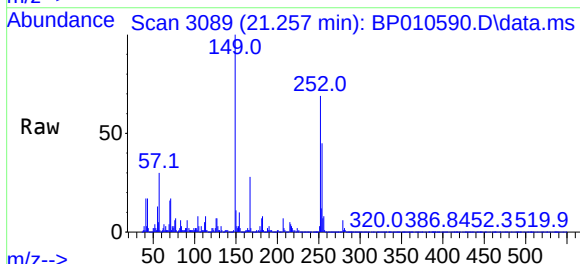
Tgt Ion:228 Resp: 141076
Ion Ratio Lower Upper
228 100
226 26.5 20.8 31.2
229 19.7 15.2 22.8

Manual Integrations
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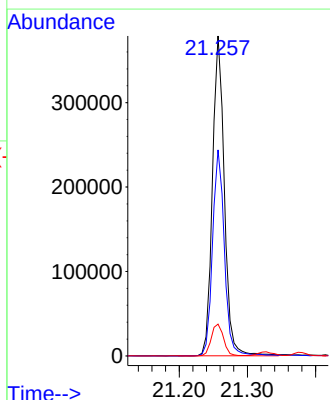
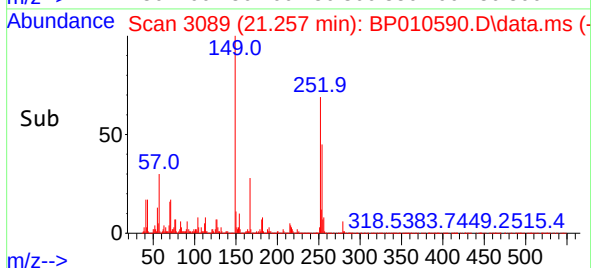
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

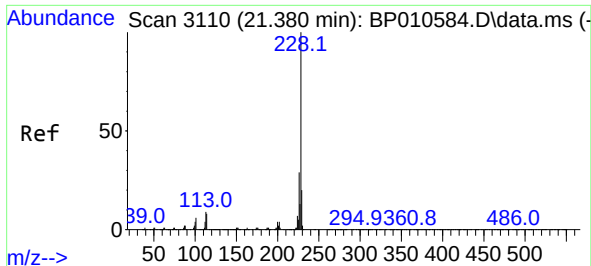


#82
3,3'-Dichlorobenzidine
Concen: 47.936 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:252 Resp: 460646
Ion Ratio Lower Upper
252 100
254 64.4 51.1 76.7
126 10.0 8.4 12.6





#83
Chrysene
Concen: 38.715 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

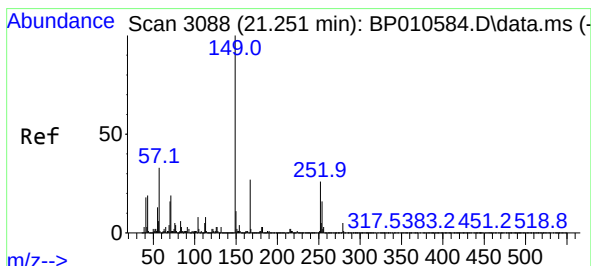
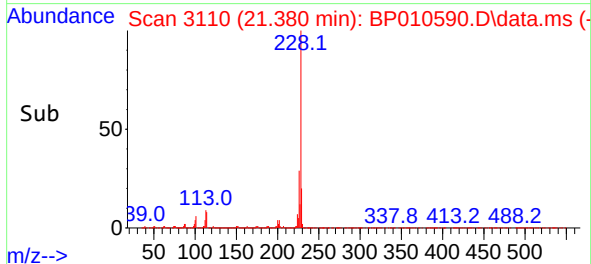
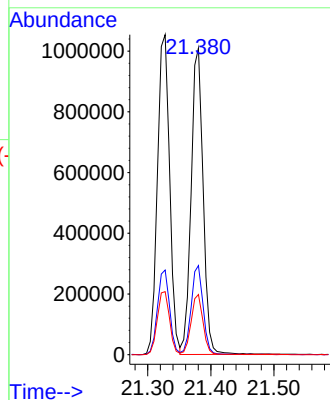
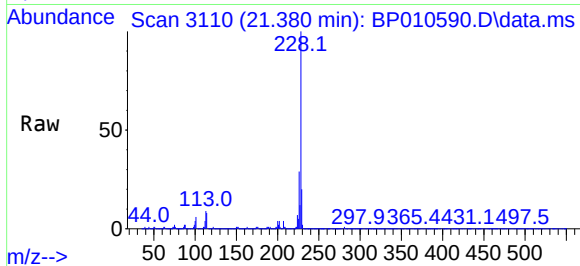
PB145173BS

Tgt Ion:228 Resp: 133057
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 19.6 15.7 23.5

Manual Integrations

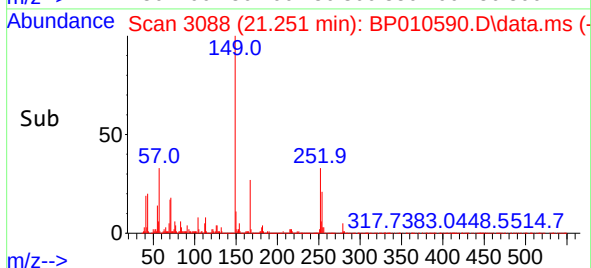
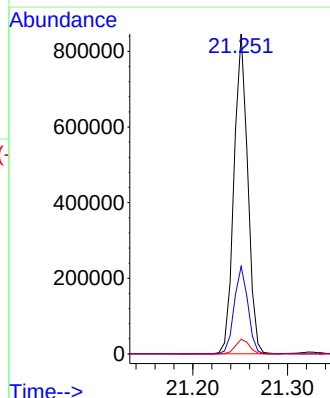
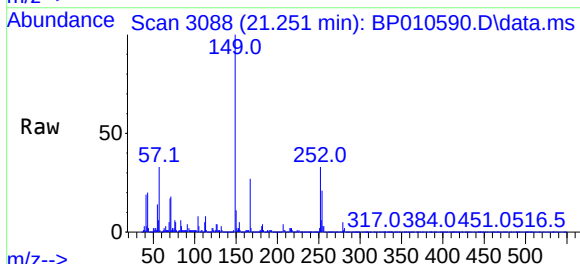
APPROVED

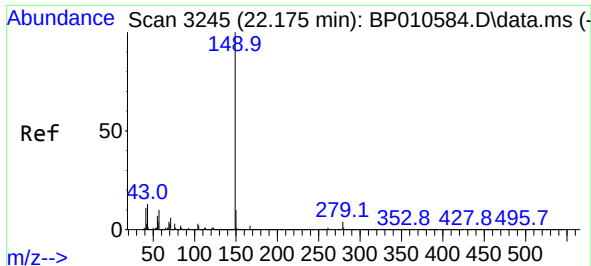
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.153 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

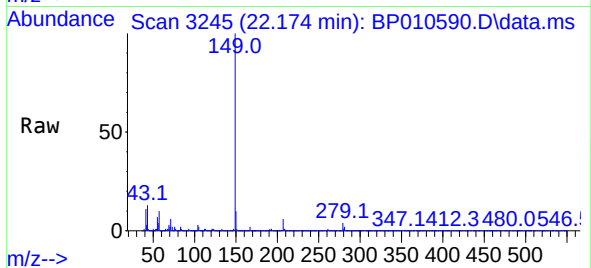
Tgt Ion:149 Resp: 850278
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.449 ng
RT: 22.174 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

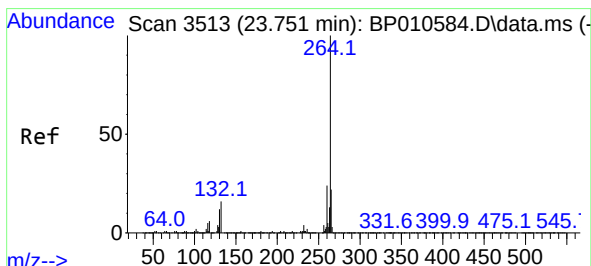
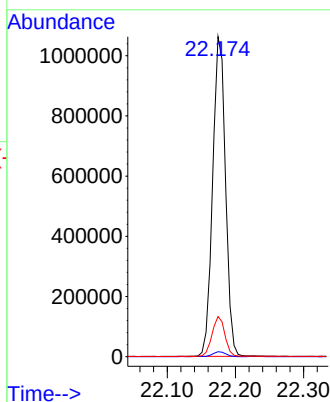
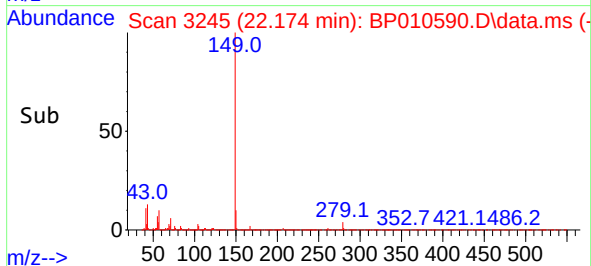
Instrument :
BNA_P
ClientSampleId :
PB145173BS



Tgt Ion:149 Resp: 1392730
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 10.0 15.0

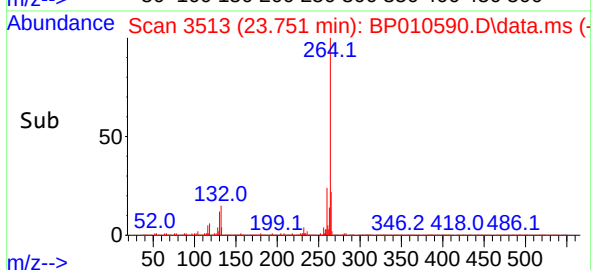
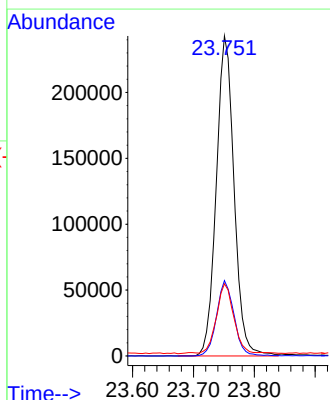
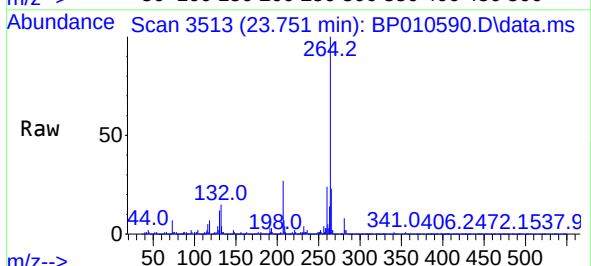
Manual Integrations
APPROVED

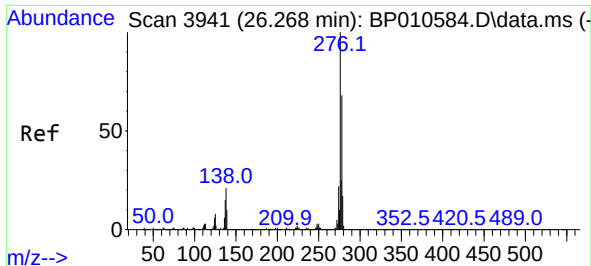
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:264 Resp: 492919
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.6 18.0 27.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.561 ng
RT: 26.268 min Scan# 3941
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

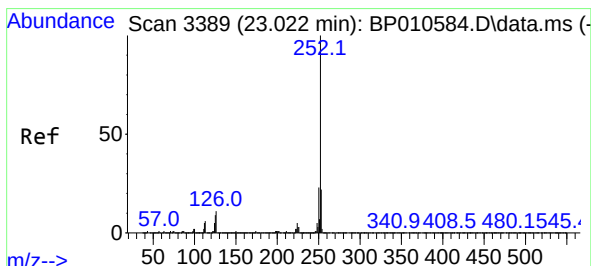
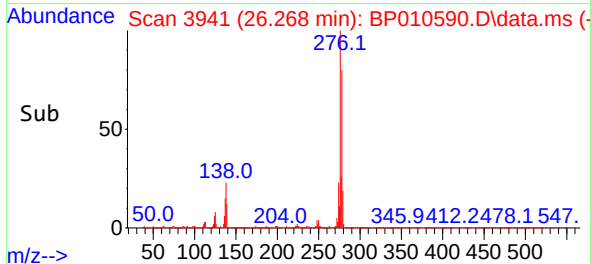
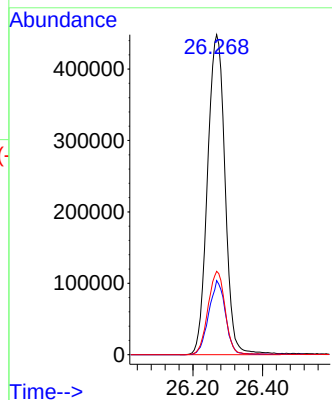
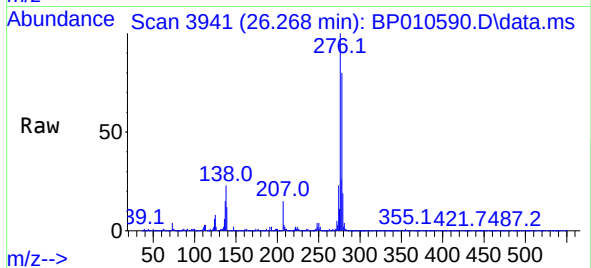
PB145173BS

Tgt Ion:276 Resp: 156530
Ion Ratio Lower Upper
276 100
138 22.2 17.5 26.3
277 25.4 20.2 30.4

Manual Integrations

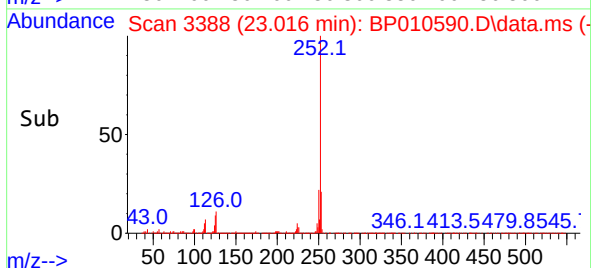
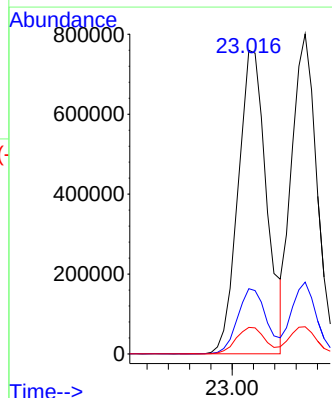
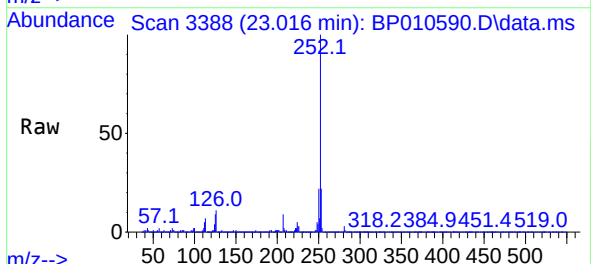
APPROVED

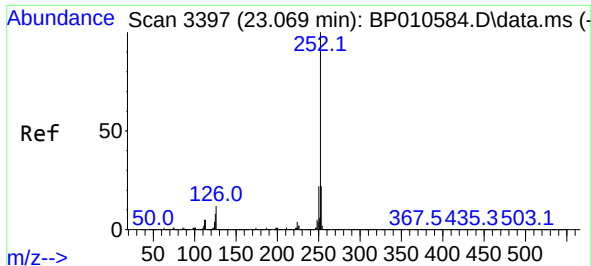
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#88
Benzo(b)fluoranthene
Concen: 45.672 ng
RT: 23.016 min Scan# 3388
Delta R.T. -0.006 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:252 Resp: 1417431
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.7 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 42.157 ng
RT: 23.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

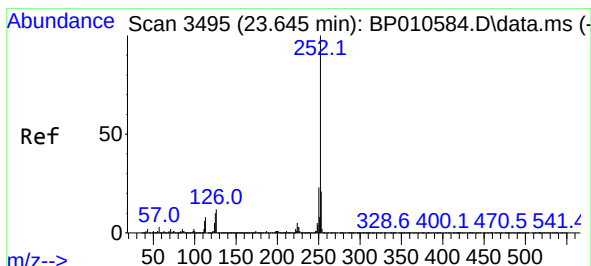
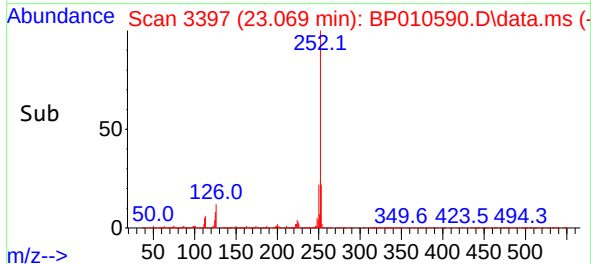
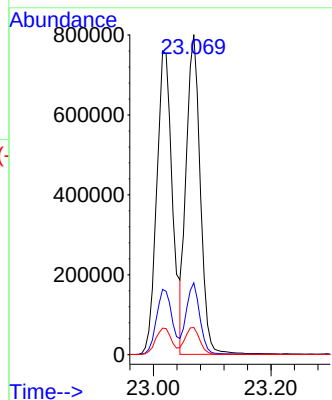
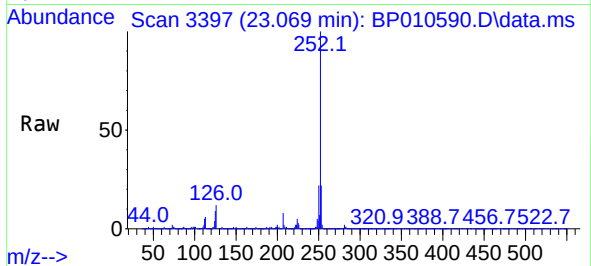
PB145173BS

Tgt Ion:252 Resp: 1326250
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 8.5 7.0 10.4

Manual Integrations

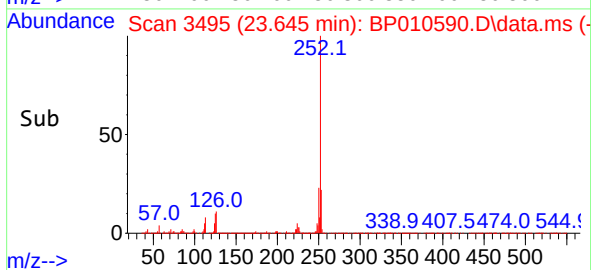
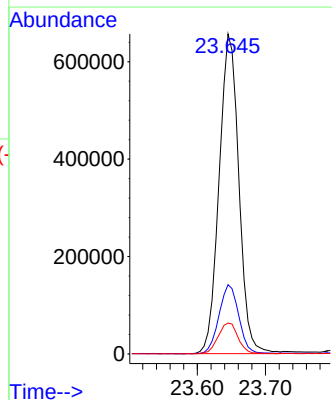
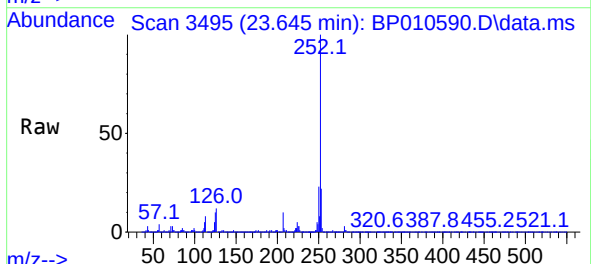
APPROVED

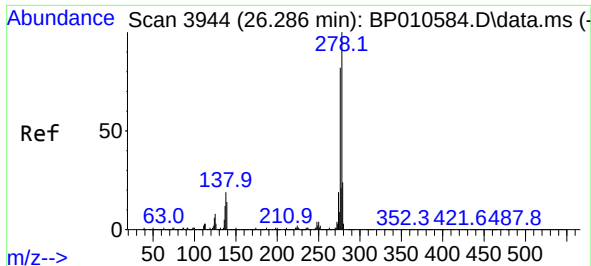
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 51.529 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Tgt Ion:252 Resp: 1322813
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.7 7.9 11.9





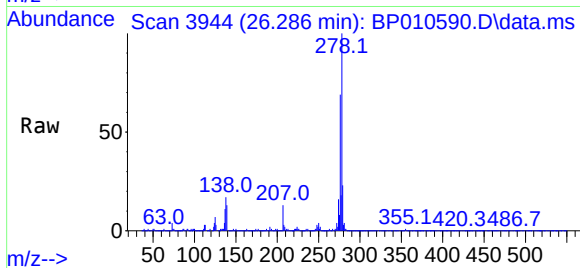
#91
Dibenzo(a,h)anthracene
Concen: 46.211 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55

Instrument :

BNA_P

ClientSampleId :

PB145173BS

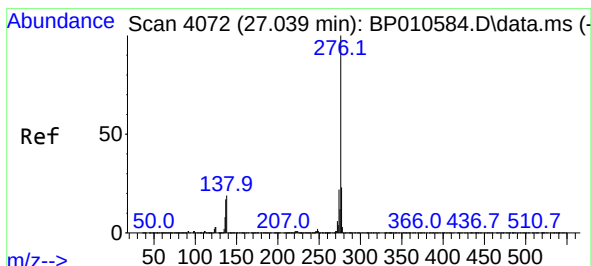
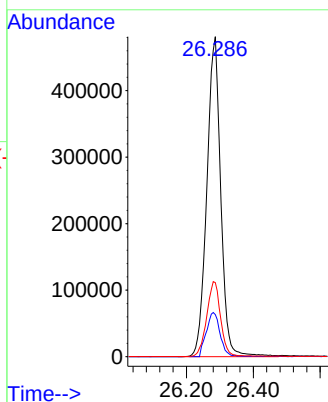
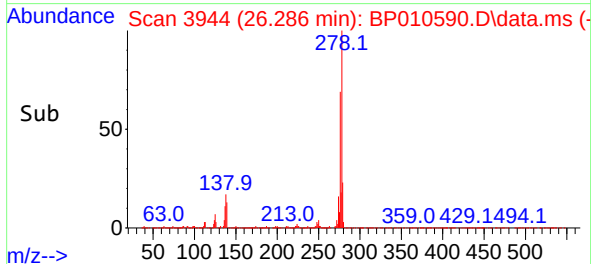


Tgt Ion:278 Resp: 138885
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.0
279 23.1 19.2 28.8

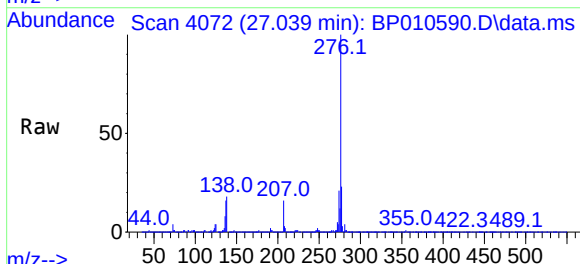
Manual Integrations

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Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#92
Benzo(g,h,i)perylene
Concen: 47.549 ng
RT: 27.039 min Scan# 4072
Delta R.T. -0.000 min
Lab File: BP010590.D
Acq: 28 May 2022 02:55



Tgt Ion:276 Resp: 1420719
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 18.4 15.2 22.8

