

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
 Data File : BP011832.D
 Acq On : 28 Sep 2022 16:19
 Operator : CG/JU
 Sample : PB147971BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147971BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:27:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	340227	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1527685	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	940828	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1894600	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1768032	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1742863	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	3081487	158.917	ng	0.00
7) Phenol-d6	7.075	99	4045134	141.088	ng	0.00
23) Nitrobenzene-d5	9.075	82	2240623	76.767	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1189105	187.703	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	5094359	85.628	ng	0.00
79) Terphenyl-d14	19.863	244	7197568	93.605	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	294834	36.164	ng	90
3) Pyridine	3.752	79	811559	32.255	ng	89
4) n-Nitrosodimethylamine	3.664	42	380225	34.172	ng	# 76
6) Aniline	7.234	93	1574216	44.138	ng	96
8) 2-Chlorophenol	7.469	128	1180834	50.054	ng	94
9) Benzaldehyde	7.046	77	666028m	37.130	ng	
10) Phenol	7.099	94	1528039	47.314	ng	98
11) bis(2-Chloroethyl)ether	7.328	93	1088062	42.561	ng	93
12) 1,3-Dichlorobenzene	7.793	146	1121529	45.242	ng	98
13) 1,4-Dichlorobenzene	7.940	146	1159977	45.664	ng	99
14) 1,2-Dichlorobenzene	8.258	146	1129879	45.465	ng	99
15) Benzyl Alcohol	8.152	79	973819m	45.971	ng	
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1367965	32.396	ng	92
17) 2-Methylphenol	8.352	107	1001217	47.298	ng	97
18) Hexachloroethane	8.987	117	401684	41.302	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	816298	38.727	ng	# 87
20) 3+4-Methylphenols	8.681	107	1366543	45.979	ng	98
22) Acetophenone	8.740	105	1681316	43.813	ng	# 93
24) Nitrobenzene	9.116	77	1206448	40.005	ng	94
25) Isophorone	9.646	82	2288642	41.797	ng	99
26) 2-Nitrophenol	9.828	139	589739	48.393	ng	92
27) 2,4-Dimethylphenol	9.893	122	1096098	56.679	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	1491742	46.748	ng	98
29) 2,4-Dichlorophenol	10.363	162	1085144	52.443	ng	98
30) 1,2,4-Trichlorobenzene	10.581	180	1005772	46.681	ng	97
31) Naphthalene	10.769	128	3476510	42.924	ng	100
32) Benzoic acid	10.046	122	810419	48.809	ng	97
33) 4-Chloroaniline	10.881	127	1064097	31.513	ng	97
34) Hexachlorobutadiene	11.052	225	542520	49.924	ng	97
35) Caprolactam	11.687	113	386455	45.955	ng	# 76
36) 4-Chloro-3-methylphenol	12.004	107	1208641	48.128	ng	96
37) 2-Methylnaphthalene	12.375	142	2437226	43.575	ng	99
38) 1-Methylnaphthalene	12.593	142	2346921	42.610	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	1113275	52.505	ng	99
41) Hexachlorocyclopentadiene	12.722	237	1354462	130.253	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	825734	53.800	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
 Data File : BP011832.D
 Acq On : 28 Sep 2022 16:19
 Operator : CG/JU
 Sample : PB147971BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147971BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

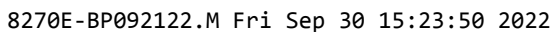
Quant Time: Sep 29 02:27:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

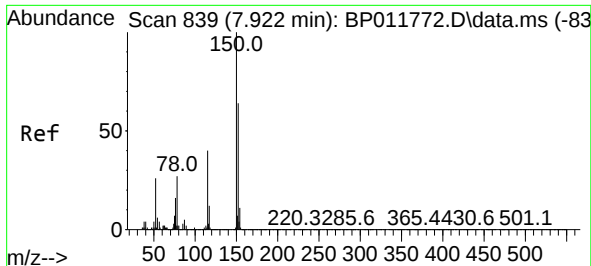
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	922830	52.311	ng	97
46) 1,1'-Biphenyl	13.387	154	3168806	46.357	ng	98
47) 2-Chloronaphthalene	13.428	162	2394907	45.169	ng	100
48) 2-Nitroaniline	13.634	65	752795	39.822	ng	85
49) Acenaphthylene	14.275	152	3920326	44.545	ng	99
50) Dimethylphthalate	14.010	163	3072918	44.546	ng	100
51) 2,6-Dinitrotoluene	14.128	165	676375	47.490	ng	91
52) Acenaphthene	14.616	154	2328768	43.145	ng	99
53) 3-Nitroaniline	14.463	138	643440	36.886	ng	92
54) 2,4-Dinitrophenol	14.663	184	809267	105.266	ng	# 86
55) Dibenzofuran	14.951	168	3652810	44.154	ng	98
56) 4-Nitrophenol	14.769	139	1402138	96.792	ng	88
57) 2,4-Dinitrotoluene	14.916	165	941130	44.673	ng	# 85
58) Fluorene	15.598	166	2930464	41.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	742612m	51.558	ng	
60) Diethylphthalate	15.375	149	3095462	42.976	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	1384547	47.183	ng	98
62) 4-Nitroaniline	15.628	138	800212	39.671	ng	95
63) Azobenzene	15.887	77	2931138	37.165	ng	93
65) 4,6-Dinitro-2-methylph...	15.675	198	475550	49.347	ng	85
66) n-Nitrosodiphenylamine	15.810	169	2624192	46.485	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	822577	52.942	ng	91
68) Hexachlorobenzene	16.604	284	882285	53.444	ng	94
69) Atrazine	16.769	200	909100	55.611	ng	99
70) Pentachlorophenol	16.951	266	1207015	100.442	ng	99
71) Phenanthrene	17.351	178	4666600	43.671	ng	99
72) Anthracene	17.439	178	4668206	45.676	ng	100
73) Carbazole	17.710	167	4507963	45.036	ng	100
74) Di-n-butylphthalate	18.257	149	5326215	44.175	ng	99
75) Fluoranthene	19.310	202	5216335	44.903	ng	98
77) Benzidine	19.492	184	2588819	75.445	ng	100
78) Pyrene	19.663	202	5405547	45.755	ng	99
80) Butylbenzylphthalate	20.533	149	2445934	42.868	ng	91
81) Benzo(a)anthracene	21.375	228	5190309	44.493	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	1778506	52.277	ng	99
83) Chrysene	21.427	228	4862085	43.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	3539510	42.137	ng	# 99
85) Di-n-octyl phthalate	22.227	149	6075306	45.070	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.374	276	5097267	37.377	ng	95
88) Benzo(b)fluoranthene	23.080	252	5276502	48.762	ng	98
89) Benzo(k)fluoranthene	23.133	252	5293412	47.741	ng	98
90) Benzo(a)pyrene	23.721	252	4638524	50.665	ng	98
91) Dibenzo(a,h)anthracene	26.392	278	4488137	39.639	ng	96
92) Benzo(g,h,i)perylene	27.157	276	4232273	38.614	ng	96

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

Manual Integrations

Quant Time: Sep 29 02:27:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration





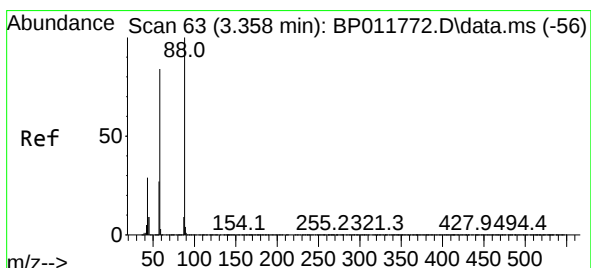
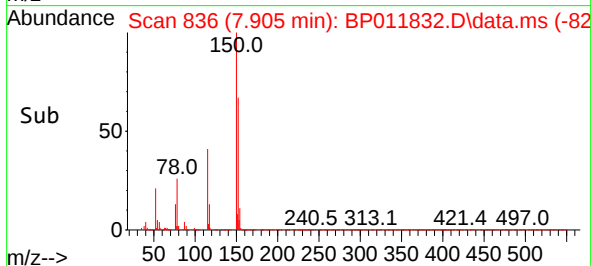
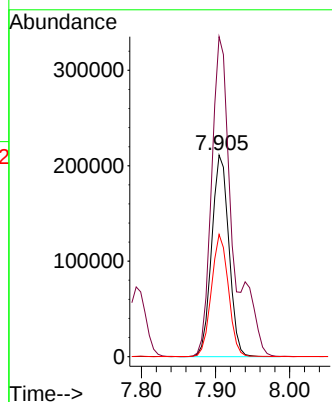
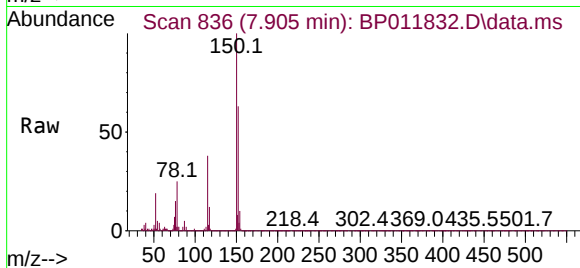
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 83
Delta R.T. -0.005 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:152 Resp: 34022
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.4
115 60.7 50.0 75.0

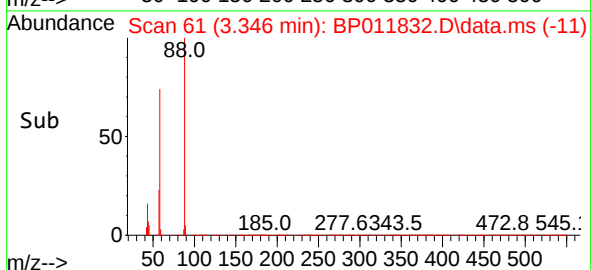
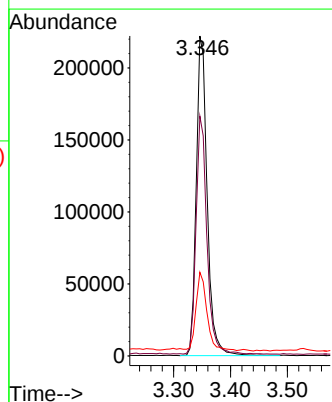
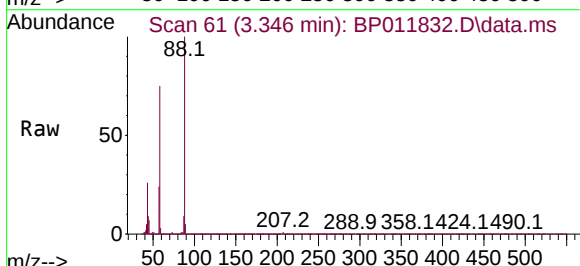
Manual Integrations
APPROVED

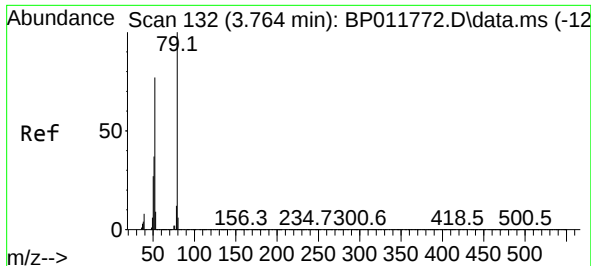
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#2
1,4-Dioxane
Concen: 36.164 ng
RT: 3.346 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion: 88 Resp: 294834
Ion Ratio Lower Upper
88 100
58 73.7 66.6 99.8
43 24.5 23.2 34.8





#3

Pyridine

Concen: 32.255 ng

RT: 3.752 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

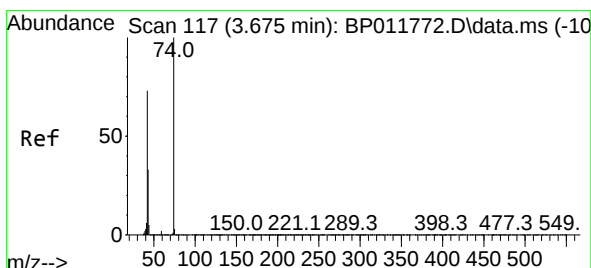
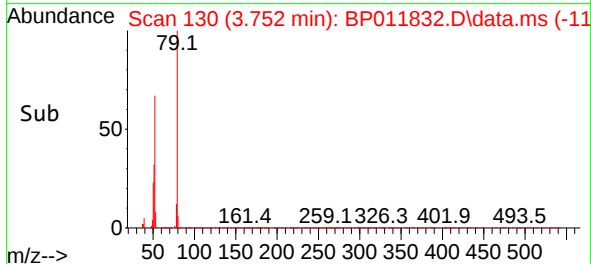
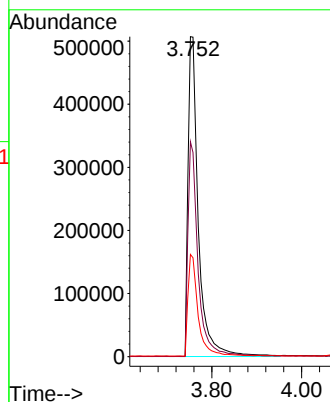
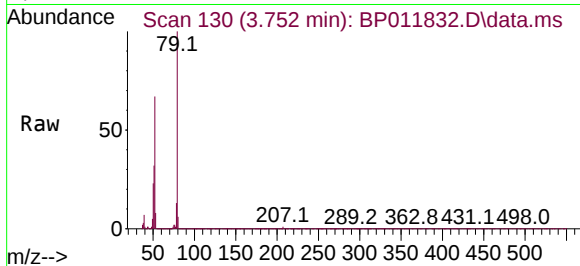
Tgt Ion: 79	Resp: 81155
Ion Ratio	Lower Upper
79 100	
52 67.1	61.9 92.9
51 31.9	29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#4

n-Nitrosodimethylamine

Concen: 34.172 ng

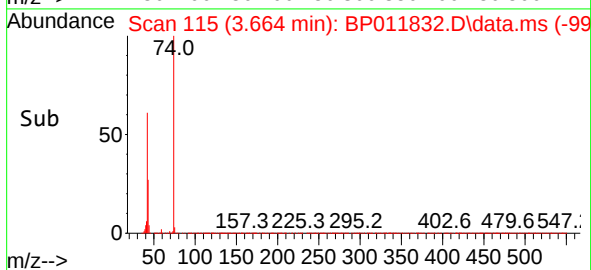
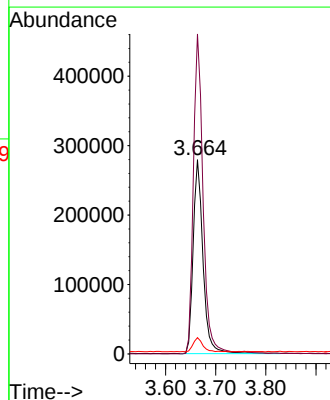
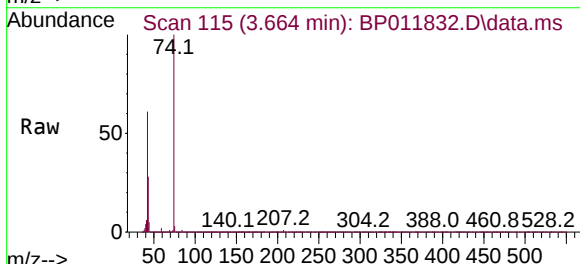
RT: 3.664 min Scan# 115

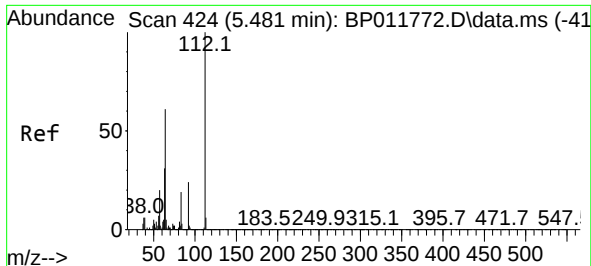
Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Tgt Ion: 42	Resp: 380225
Ion Ratio	Lower Upper
42 100	
74 164.8	109.0 163.6#
44 8.3	15.4 23.2#





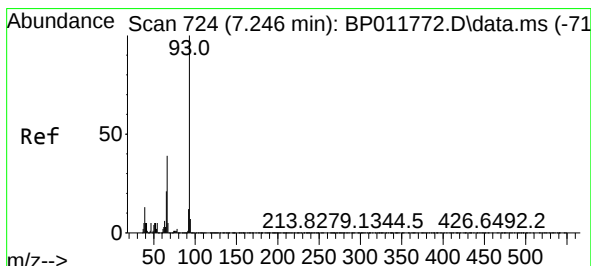
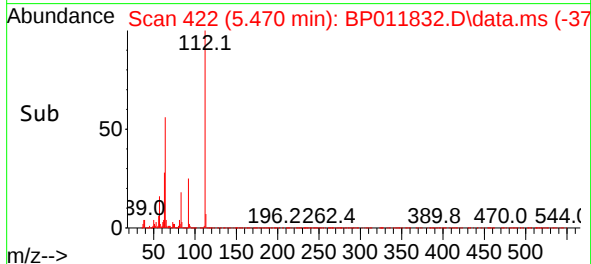
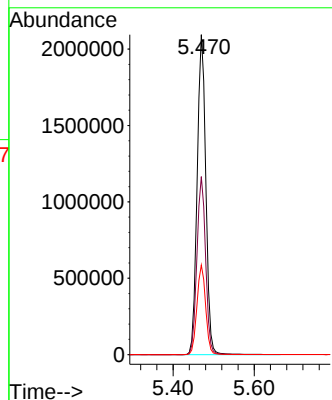
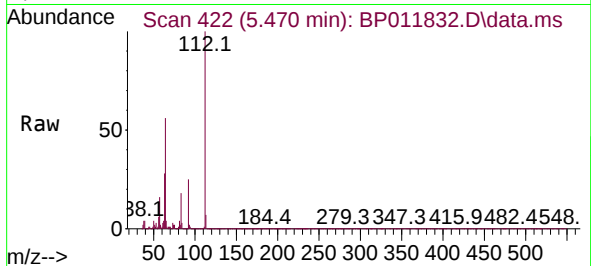
#5
2-Fluorophenol
Concen: 158.917 ng
RT: 5.470 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:112 Resp: 308148
Ion Ratio Lower Upper
112 100
64 55.6 49.2 73.8
63 28.0 25.2 37.8

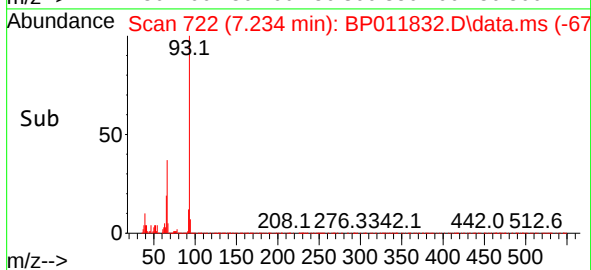
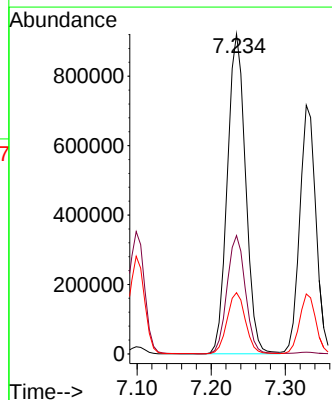
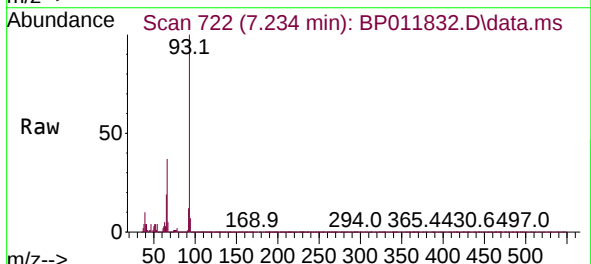
Manual Integrations
APPROVED

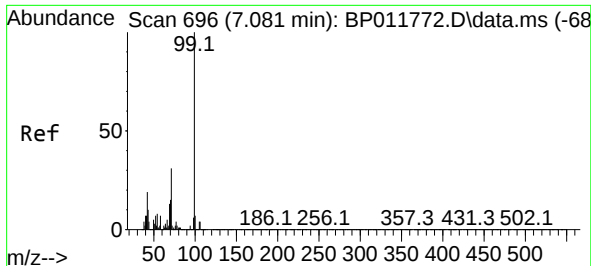
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#6
Aniline
Concen: 44.138 ng
RT: 7.234 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion: 93 Resp: 1574216
Ion Ratio Lower Upper
93 100
66 37.0 31.3 46.9
65 19.1 16.9 25.3





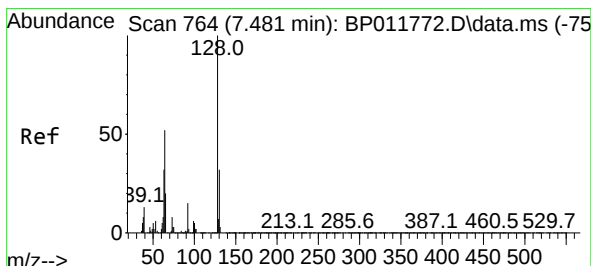
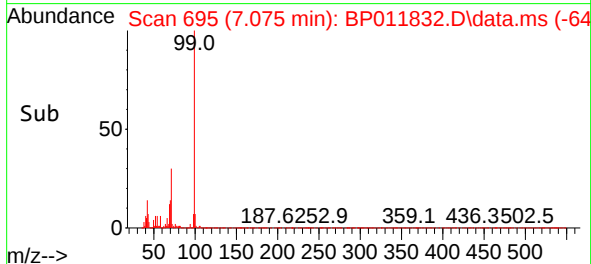
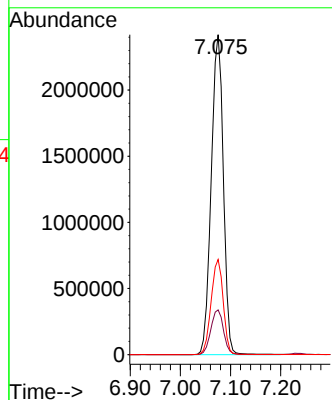
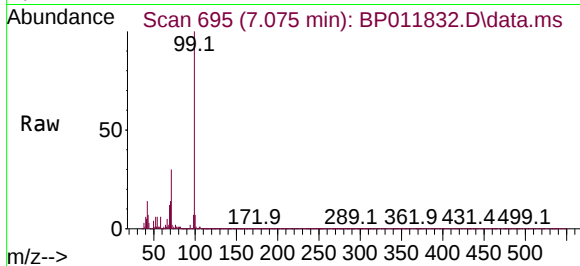
#7
Phenol-d6
Concen: 141.088 ng
RT: 7.075 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion: 99 Resp: 4045134
Ion Ratio Lower Upper
99 100
42 14.0 15.4 23.2
71 29.7 24.7 37.1

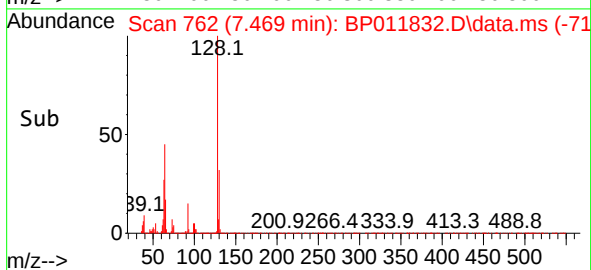
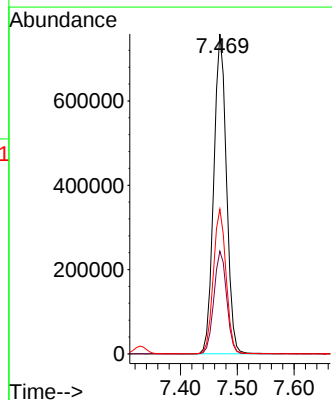
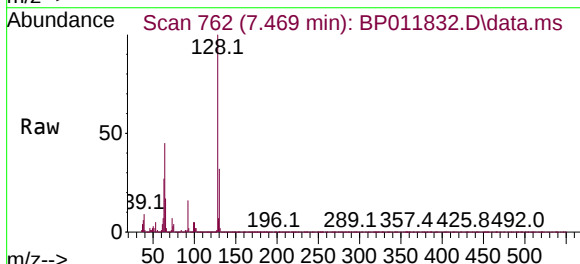
Manual Integrations
APPROVED

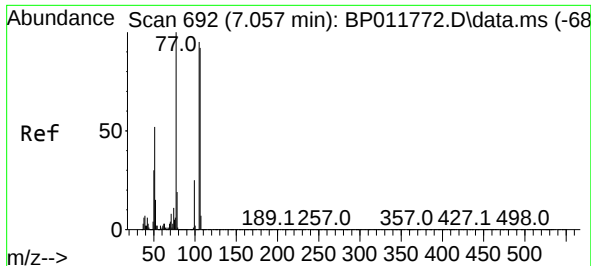
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#8
2-Chlorophenol
Concen: 50.054 ng
RT: 7.469 min Scan# 762
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:128 Resp: 1180834
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 45.2 32.6 72.6





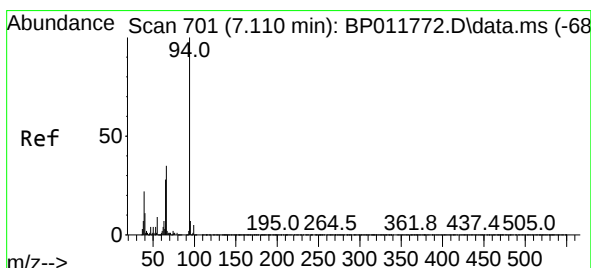
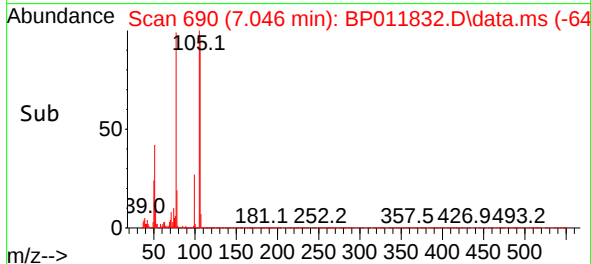
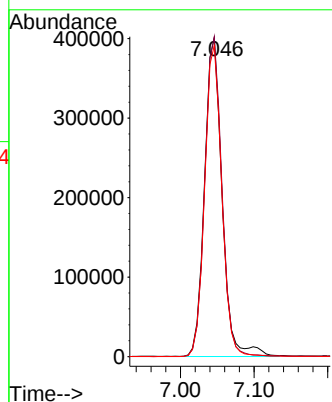
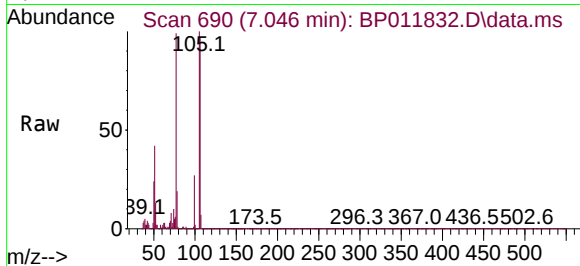
#9
Benzaldehyde
Concen: 37.130 ng m
RT: 7.046 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion: 77 Resp: 666028
Ion Ratio Lower Upper
77 100
105 100.5 75.4 115.4
106 97.7 71.6 111.6

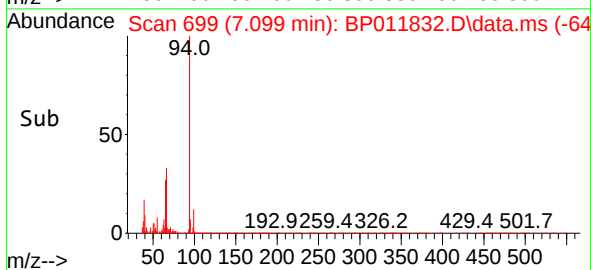
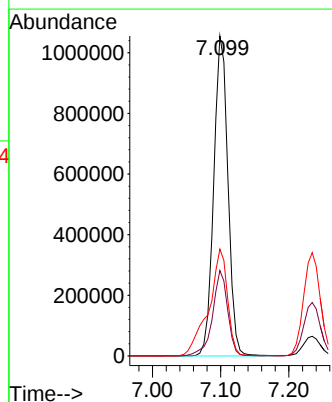
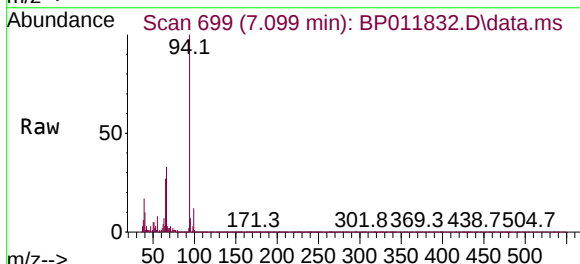
Manual Integrations
APPROVED

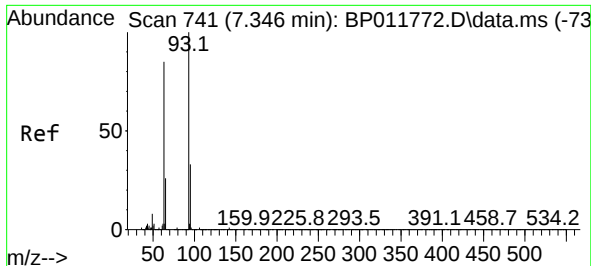
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#10
Phenol
Concen: 47.314 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

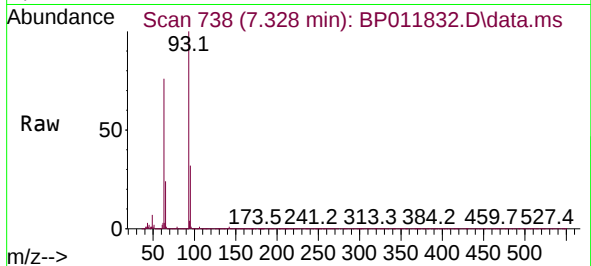
Tgt Ion: 94 Resp: 1528039
Ion Ratio Lower Upper
94 100
65 26.7 8.1 48.1
66 33.4 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 42.561 ng
RT: 7.328 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

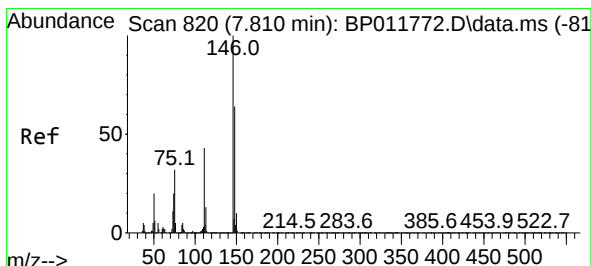
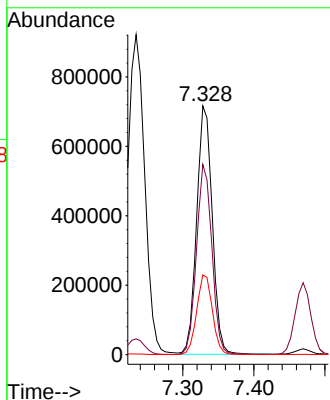
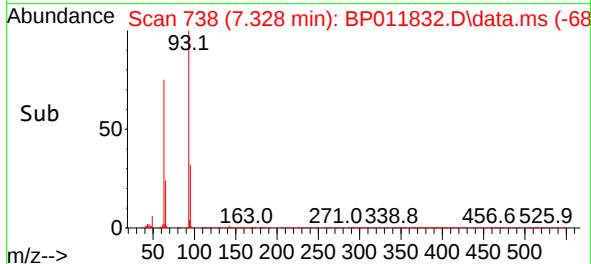
Instrument :
BNA_P
ClientSampleId :
PB147971BS



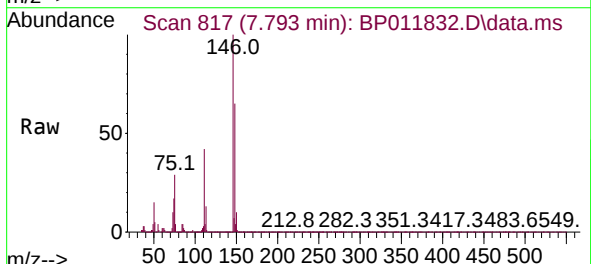
Tgt Ion: 93 Resp: 1088062
Ion Ratio Lower Upper
93 100
63 76.4 64.4 104.4
95 32.1 12.7 52.7

Manual Integrations
APPROVED

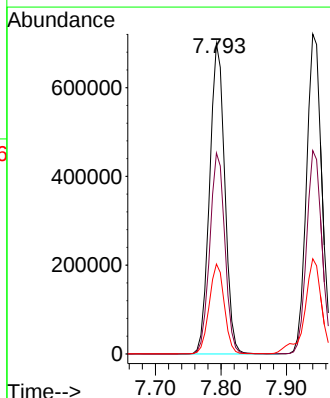
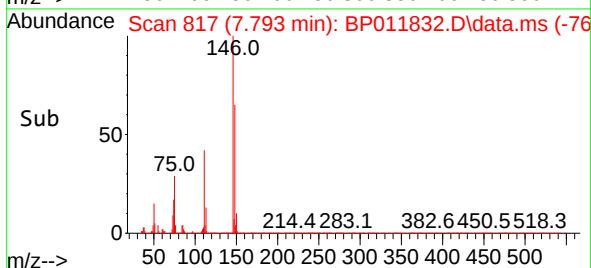
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

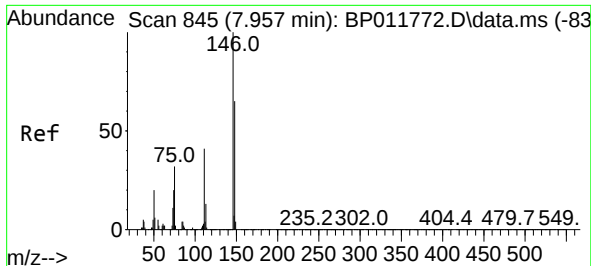


#12
1,3-Dichlorobenzene
Concen: 45.242 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



Tgt Ion:146 Resp: 1121529
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 29.0 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 45.664 ng

RT: 7.940 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:146 Resp: 115997

Ion Ratio Lower Upper

146 100

148 63.5 51.7 77.5

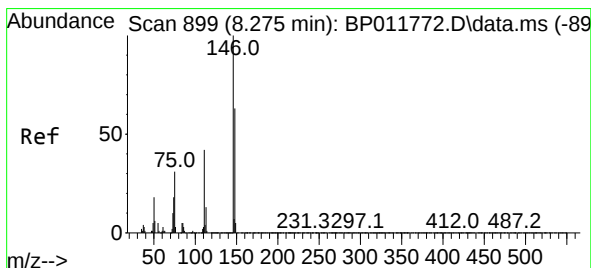
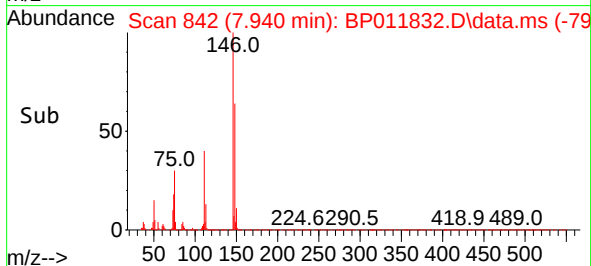
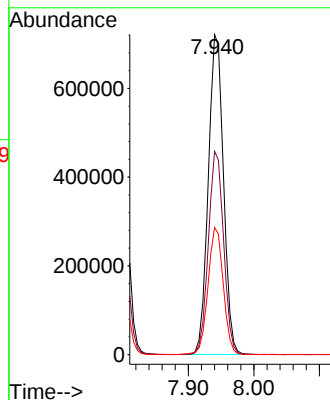
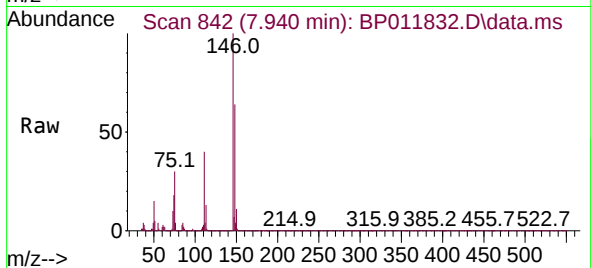
111 39.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#14

1,2-Dichlorobenzene

Concen: 45.465 ng

RT: 8.258 min Scan# 896

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

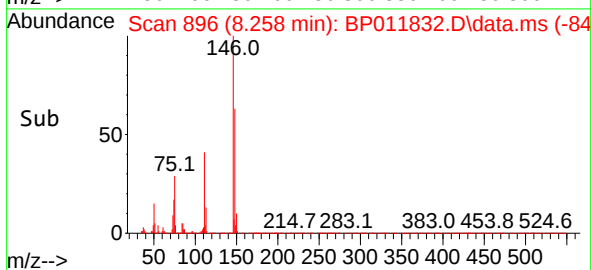
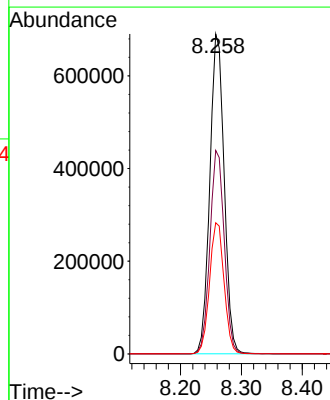
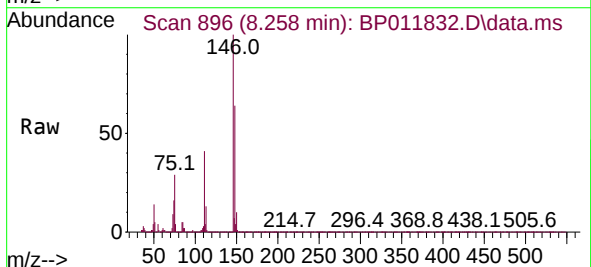
Tgt Ion:146 Resp: 1129879

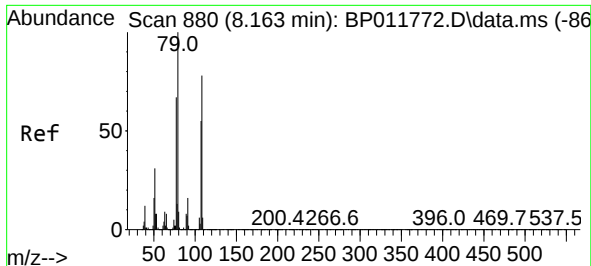
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

111 41.0 34.0 51.0





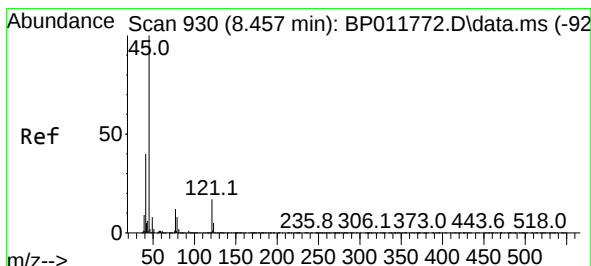
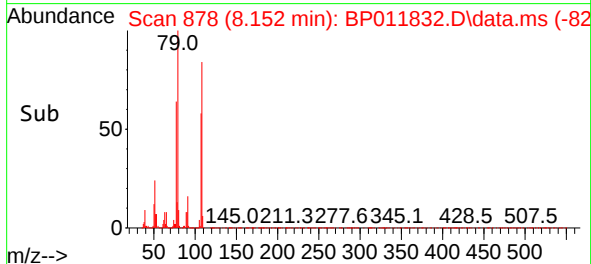
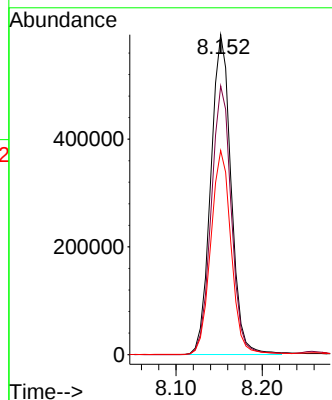
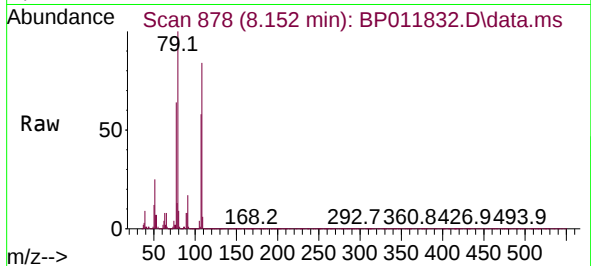
#15
Benzyl Alcohol
Concen: 45.971 ng m
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion: 79 Resp: 973819
Ion Ratio Lower Upper
79 100
108 84.0 62.7 94.1
77 63.8 53.8 80.6

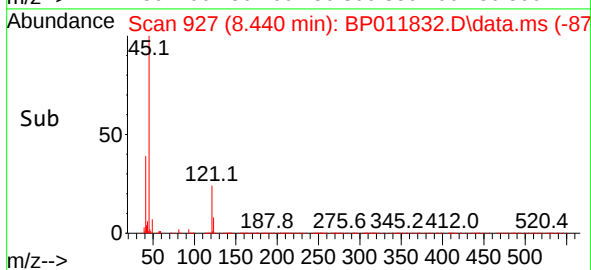
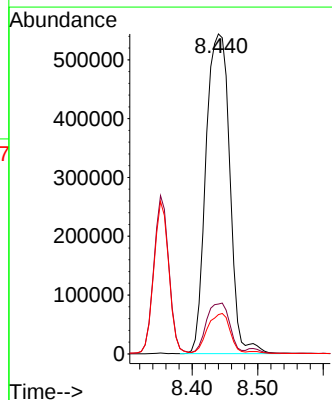
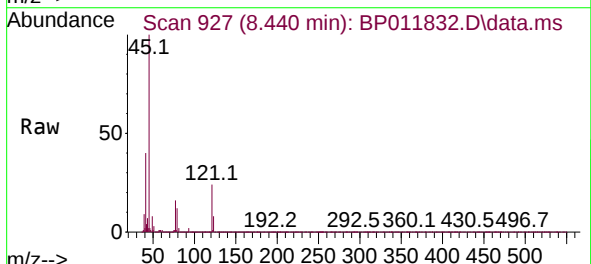
Manual Integrations
APPROVED

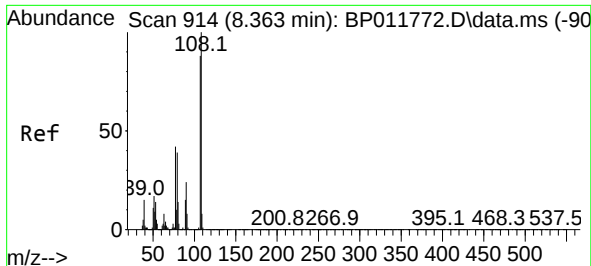
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.396 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion: 45 Resp: 1367965
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.6
79 12.3 0.0 29.0





#17

2-Methylphenol

Concen: 47.298 ng

RT: 8.352 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP011832.D

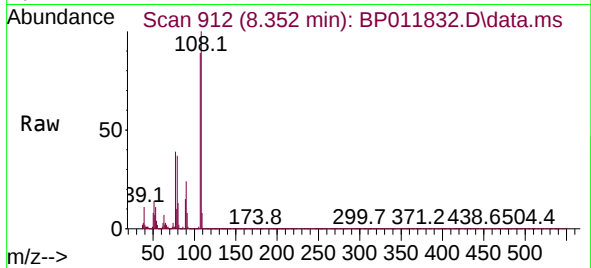
Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS



Tgt Ion:107 Resp: 100121

Ion Ratio Lower Upper

107 100

108 111.9 90.6 136.0

77 43.3 38.0 57.0

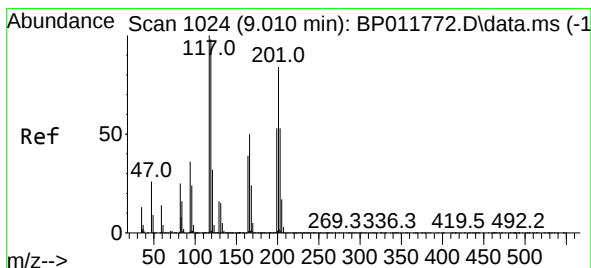
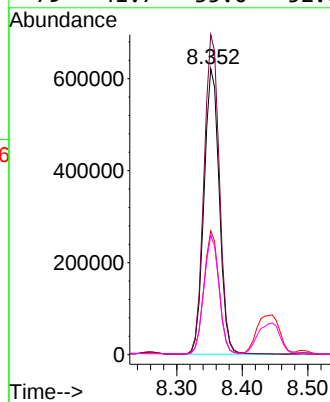
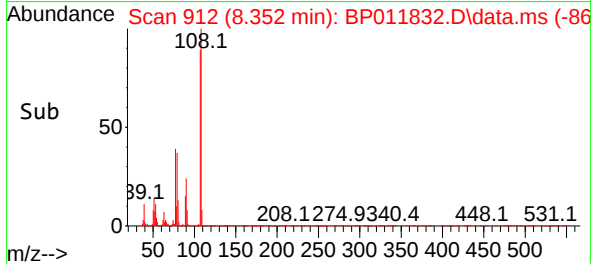
79 41.7 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#18

Hexachloroethane

Concen: 41.302 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

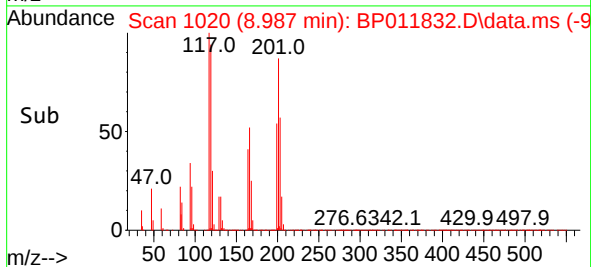
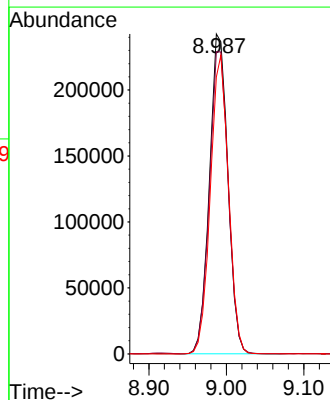
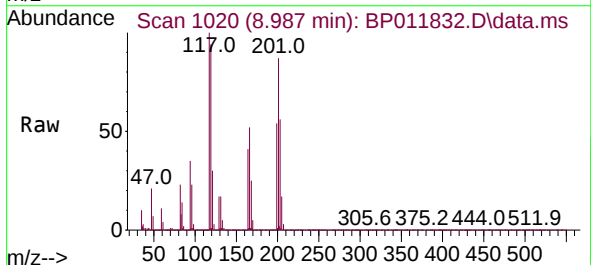
Tgt Ion:117 Resp: 401684

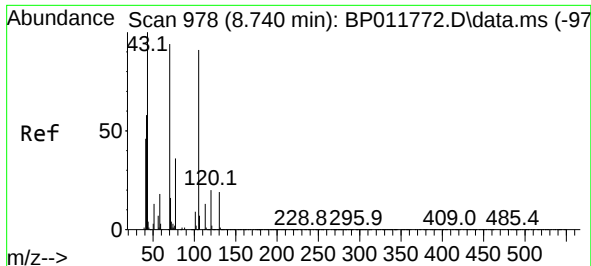
Ion Ratio Lower Upper

117 100

119 94.4 78.8 118.2

201 86.5 67.4 101.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.727 ng

RT: 8.722 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion: 70 Resp: 816298

Ion Ratio Lower Upper

70 100

42 48.8 50.1 75.1

101 10.0 7.6 11.4

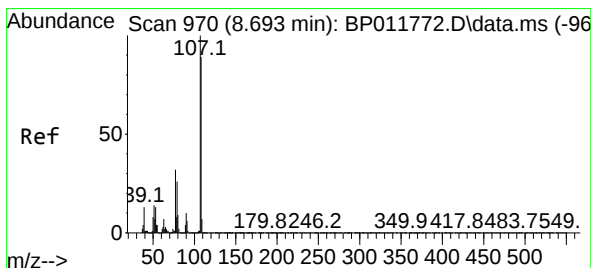
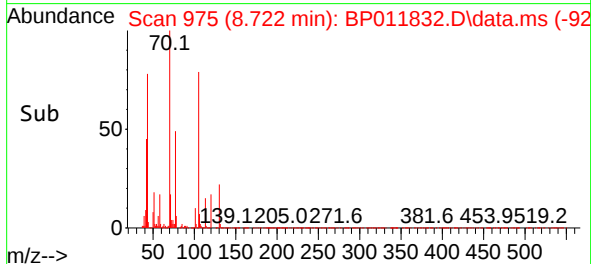
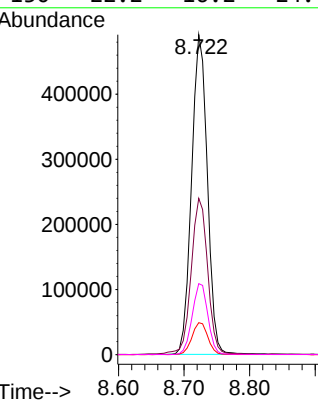
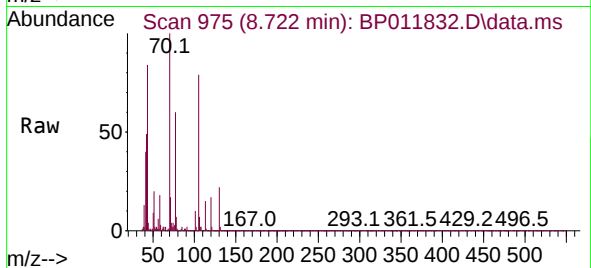
130 22.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#20

3+4-Methylphenols

Concen: 45.979 ng

RT: 8.681 min Scan# 968

Delta R.T. 0.000 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Tgt Ion:107 Resp: 1366543

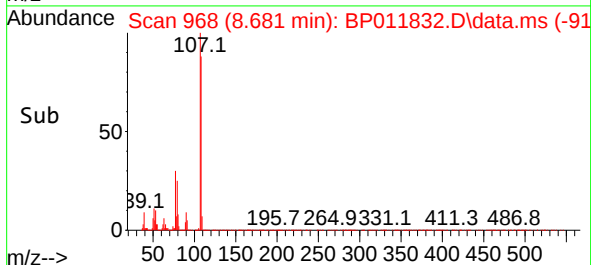
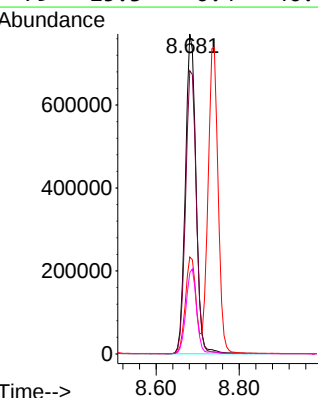
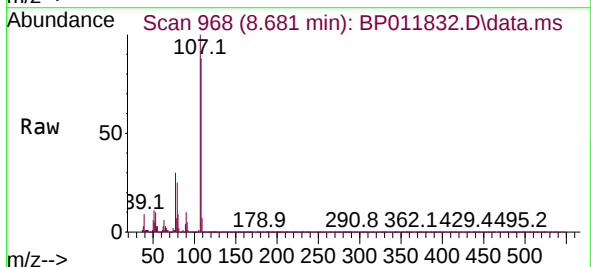
Ion Ratio Lower Upper

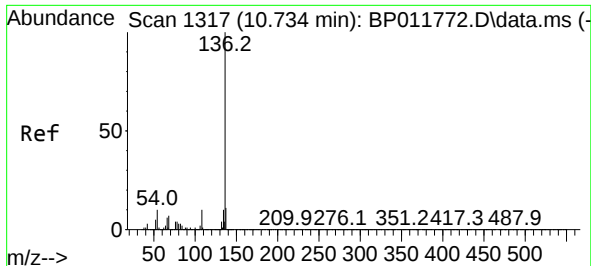
107 100

108 88.5 69.2 109.2

77 30.3 12.5 52.5

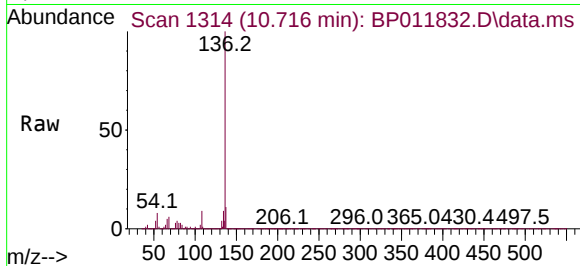
79 25.3 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

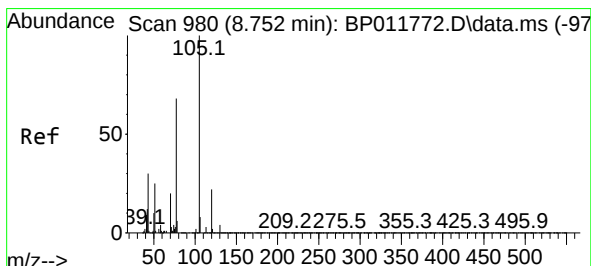
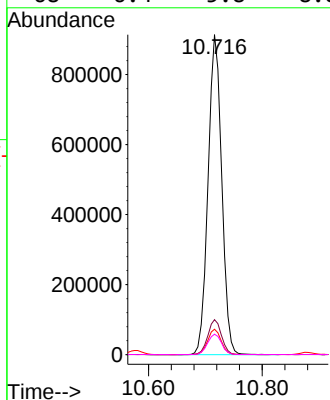
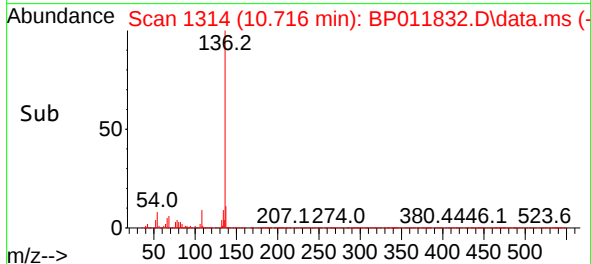
Instrument :
BNA_P
ClientSampleId :
PB147971BS



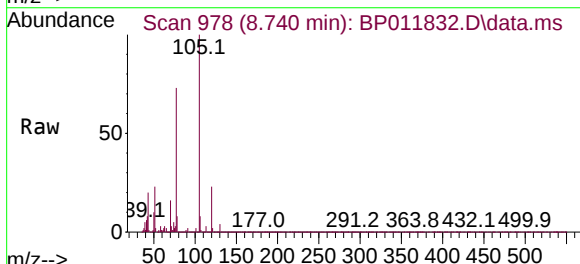
Tgt Ion:136 Resp: 1527685
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 8.2 12.4
68 6.4 5.8 8.8

Manual Integrations
APPROVED

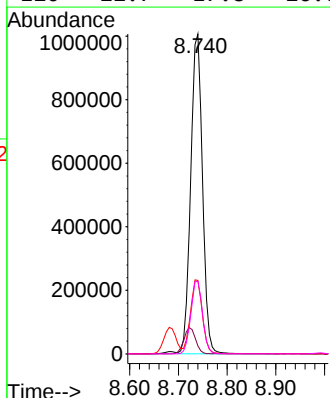
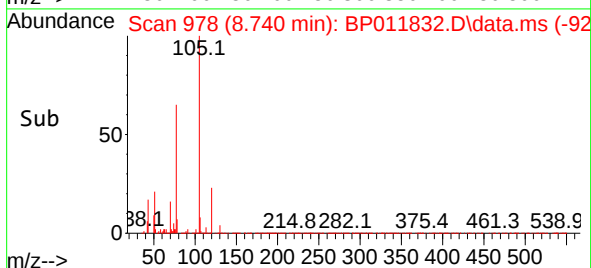
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

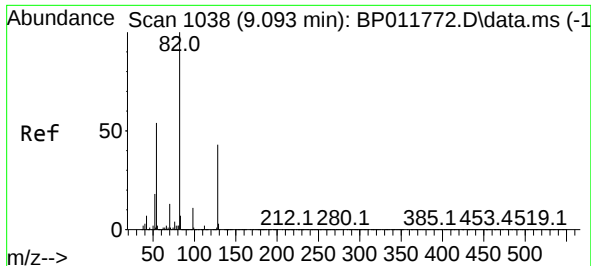


#22
Acetophenone
Concen: 43.813 ng
RT: 8.740 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



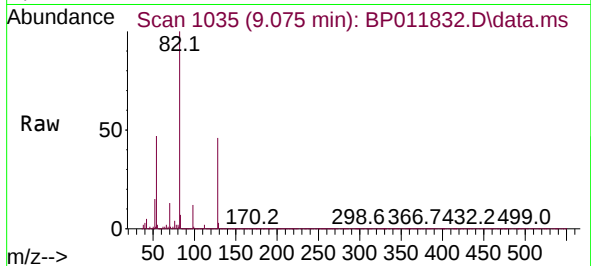
Tgt Ion:105 Resp: 1681316
Ion Ratio Lower Upper
105 100
71 2.5 2.7 4.1#
51 23.0 23.6 35.4#
120 22.7 17.8 26.6





#23
Nitrobenzene-d5
Concen: 76.767 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

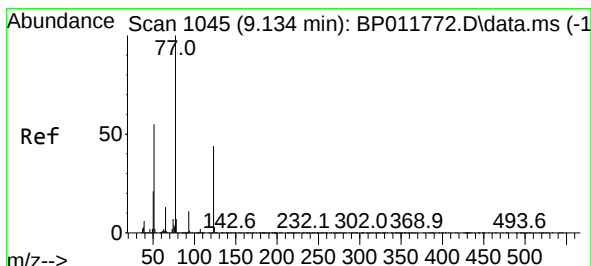
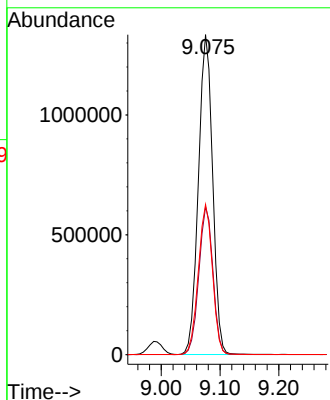
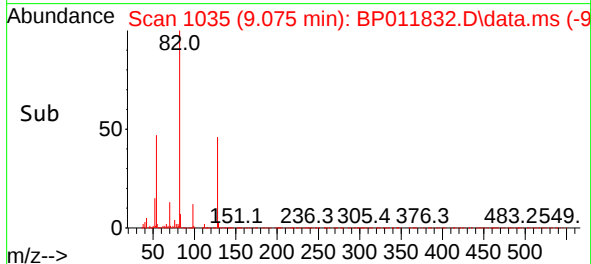
Instrument :
BNA_P
ClientSampleId :
PB147971BS



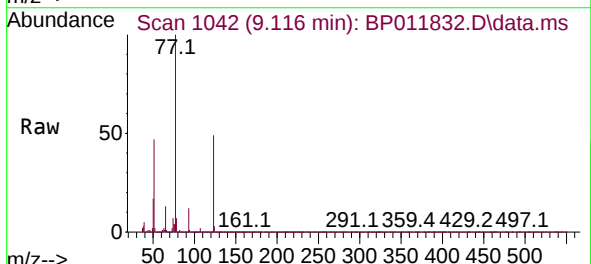
Tgt Ion: 82 Resp: 2240623
Ion Ratio Lower Upper
82 100
128 46.2 34.2 51.4
54 46.9 43.1 64.7

Manual Integrations
APPROVED

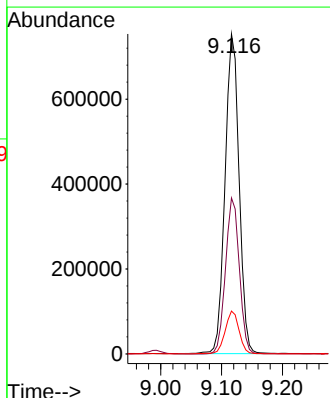
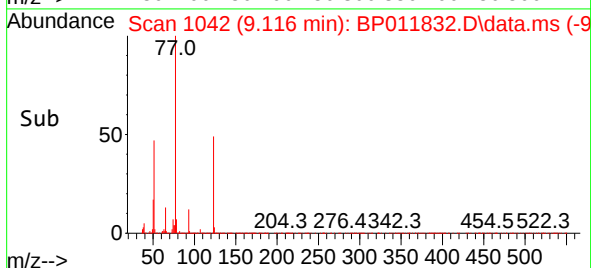
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

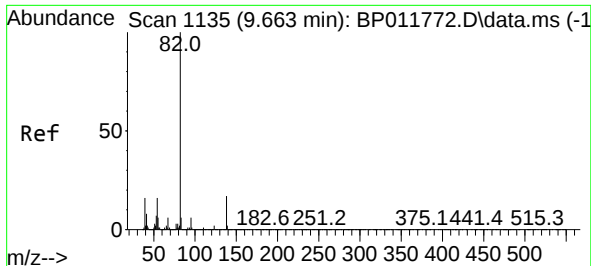


#24
Nitrobenzene
Concen: 40.005 ng
RT: 9.116 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



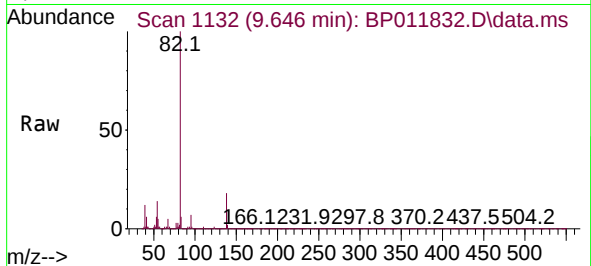
Tgt Ion: 77 Resp: 1206448
Ion Ratio Lower Upper
77 100
123 48.7 35.0 52.4
65 13.4 10.7 16.1





#25
Isophorone
Concen: 41.797 ng
RT: 9.646 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

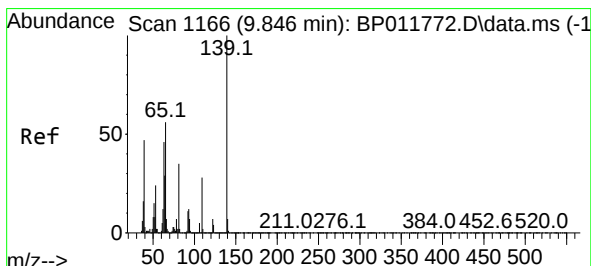
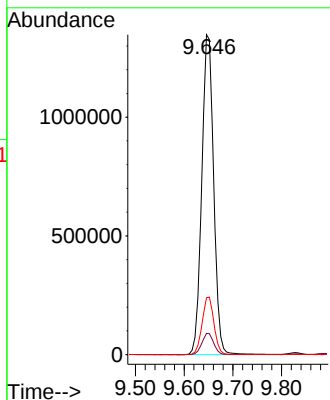
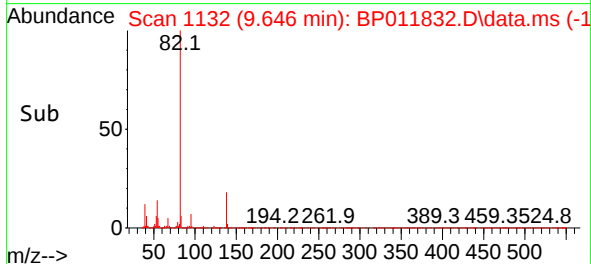
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion: 82 Resp: 228864
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.8 13.6 20.4

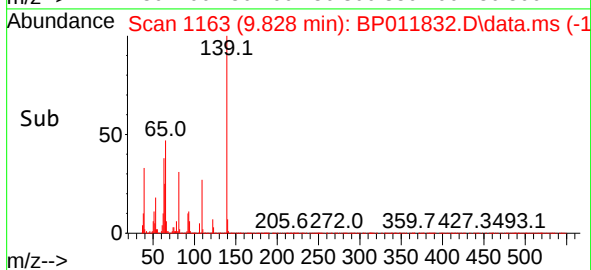
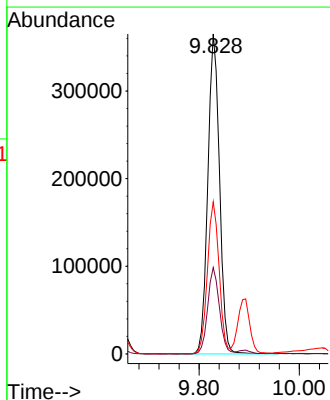
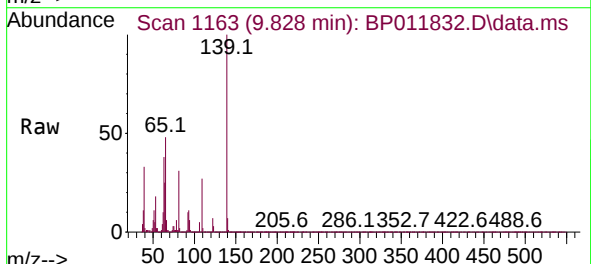
Manual Integrations
APPROVED

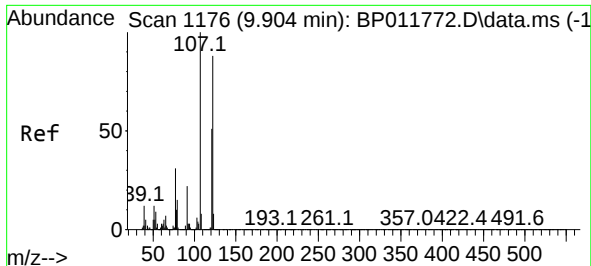
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 48.393 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:139 Resp: 589739
Ion Ratio Lower Upper
139 100
109 27.0 22.6 34.0
65 47.5 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 56.679 ng

RT: 9.893 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:122 Resp: 1096098

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

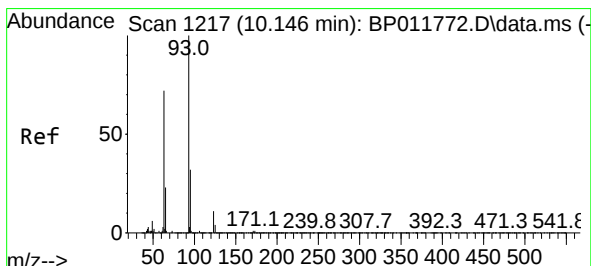
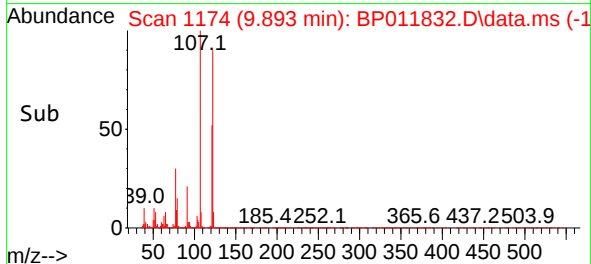
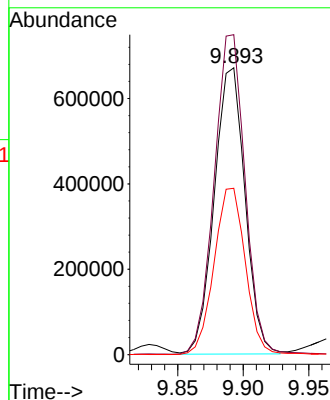
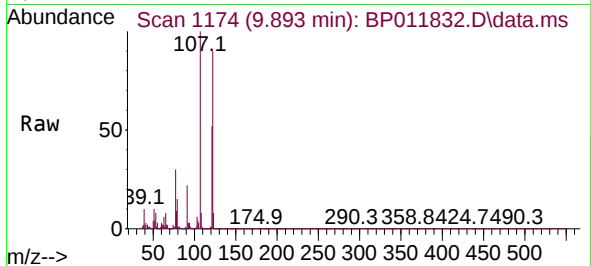
121 58.0 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.748 ng

RT: 10.128 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

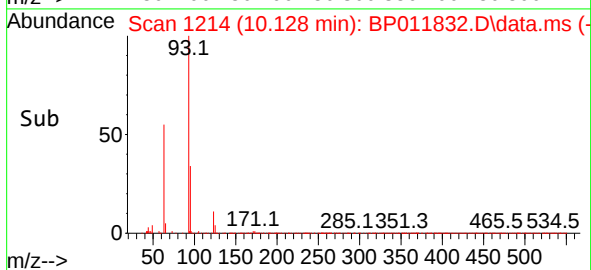
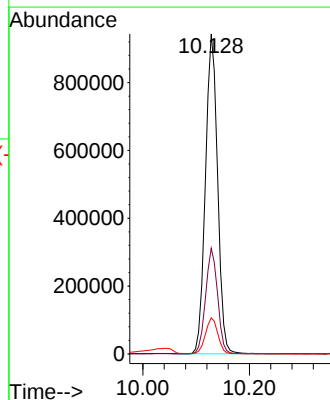
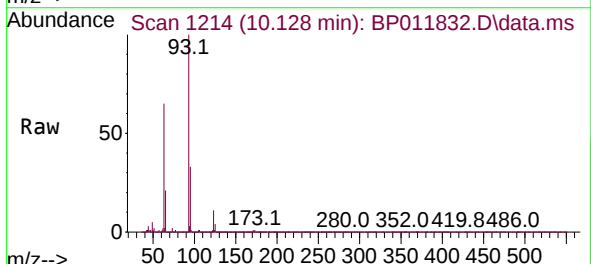
Tgt Ion: 93 Resp: 1491742

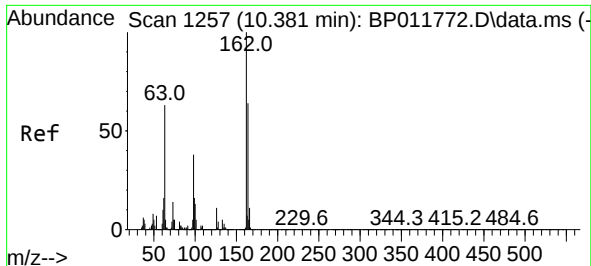
Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.443 ng

RT: 10.363 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:162 Resp: 1085144

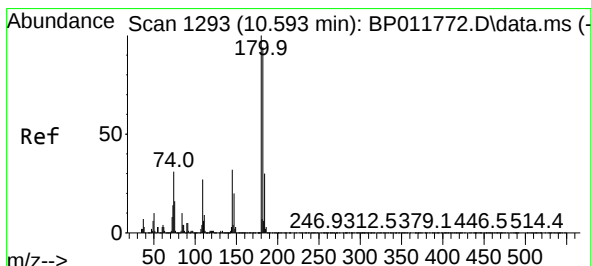
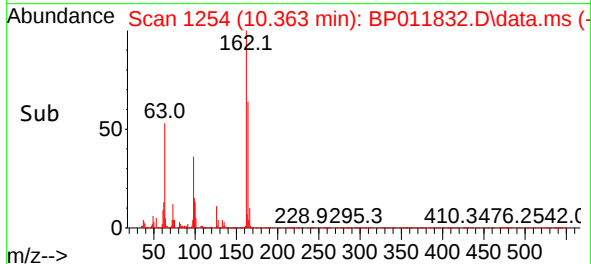
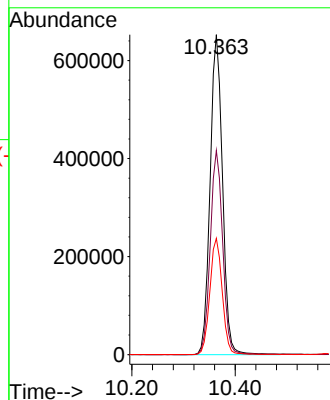
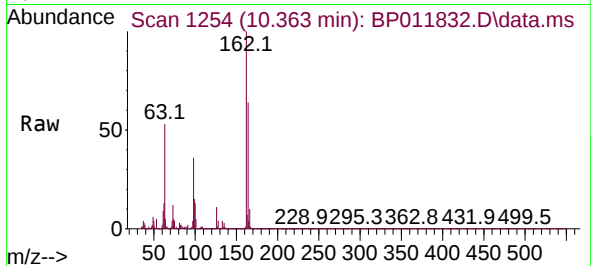
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.3	84.3
98	36.3	18.1	58.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.681 ng

RT: 10.581 min Scan# 1291

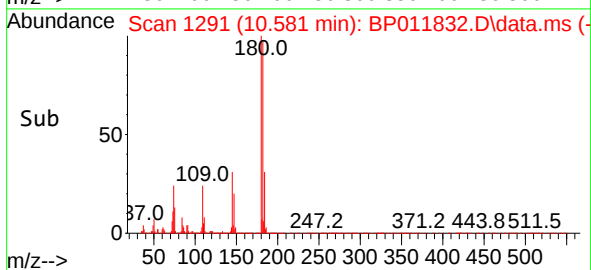
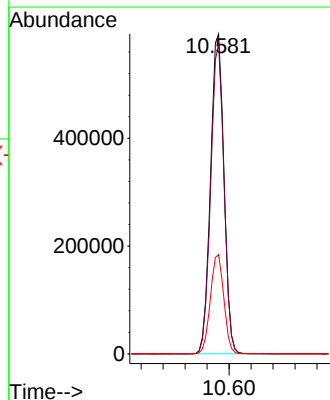
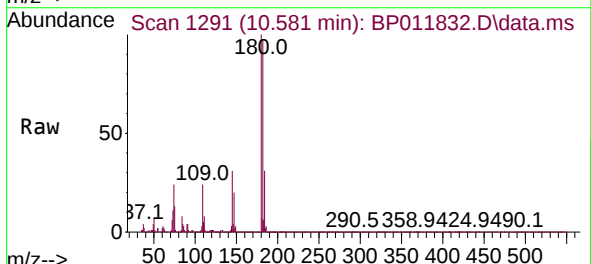
Delta R.T. 0.000 min

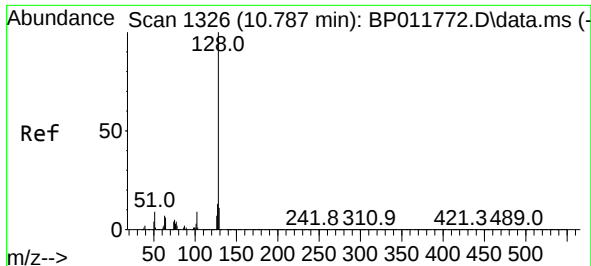
Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Tgt Ion:180 Resp: 1005772

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.2	112.8
145	31.0	25.8	38.6





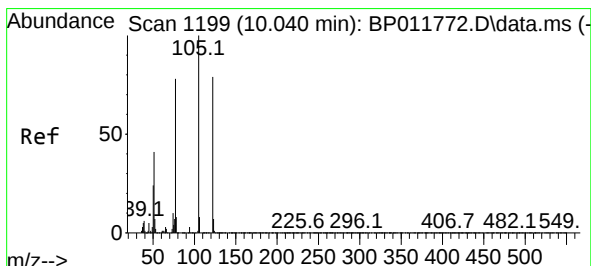
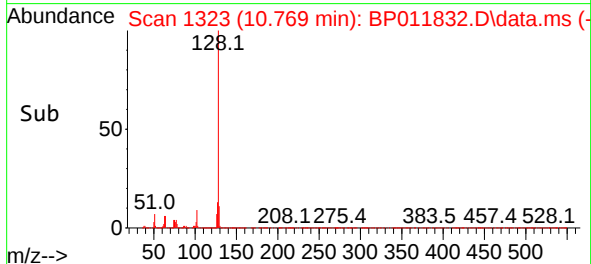
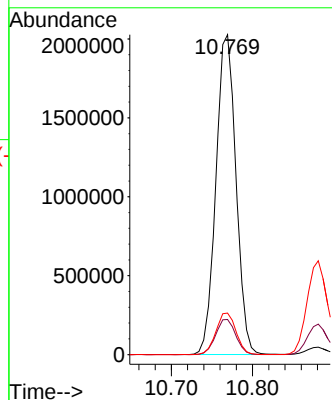
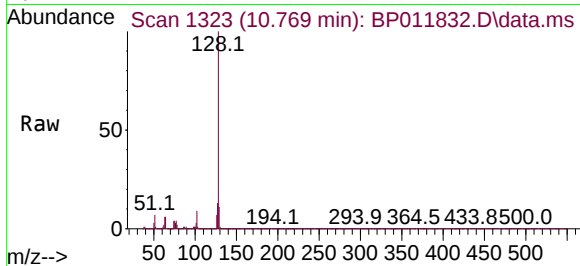
#31
Naphthalene
Concen: 42.924 ng
RT: 10.769 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:128 Resp: 3476510
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7

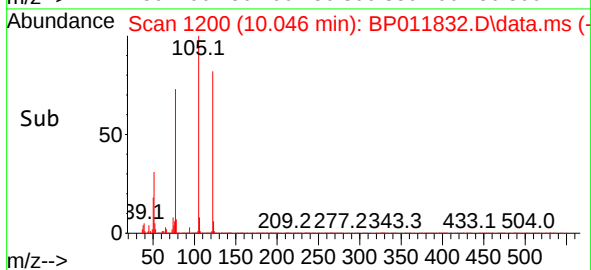
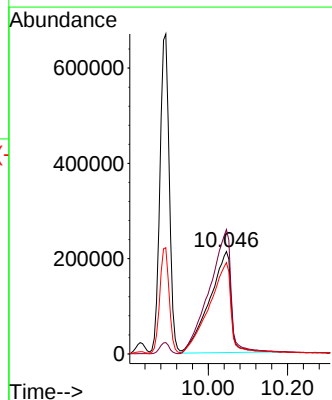
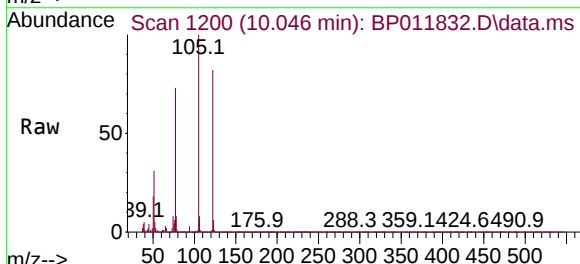
Manual Integrations
APPROVED

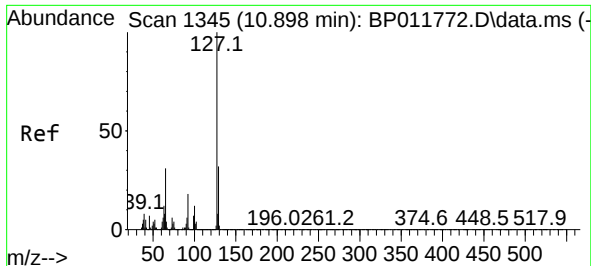
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 48.809 ng
RT: 10.046 min Scan# 1200
Delta R.T. 0.029 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

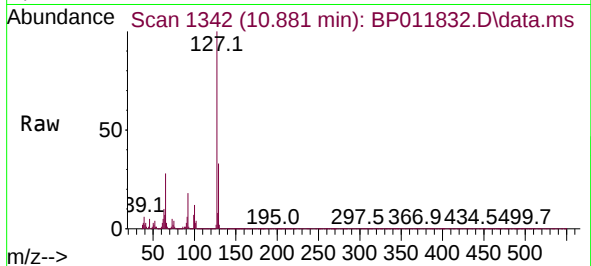
Tgt Ion:122 Resp: 810419
Ion Ratio Lower Upper
122 100
105 121.6 101.0 141.0
77 89.1 75.9 115.9





#33
4-Chloroaniline
Concen: 31.513 ng
RT: 10.881 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

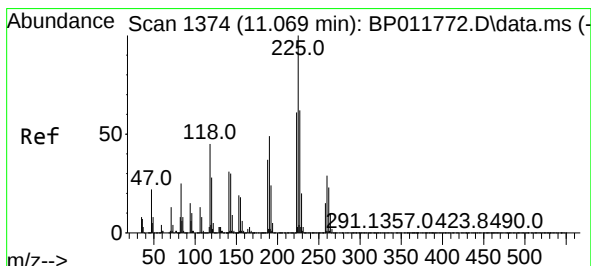
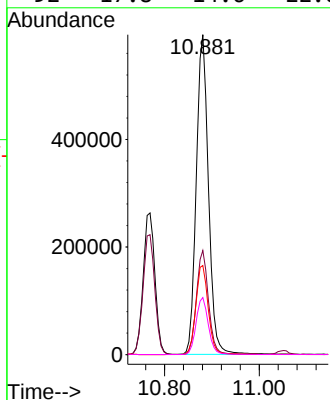
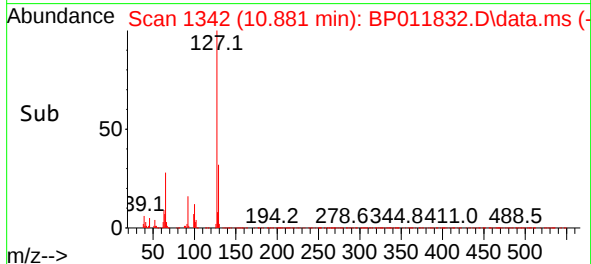
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:127 Resp: 1064097
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 27.8 25.1 37.7
92 17.8 14.6 22.0

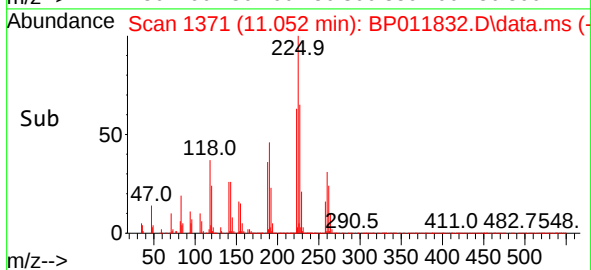
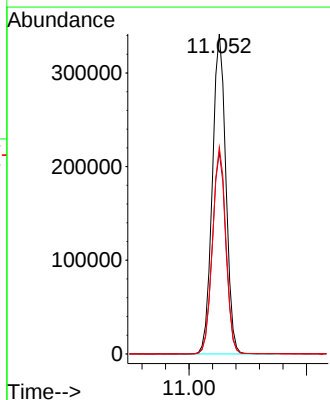
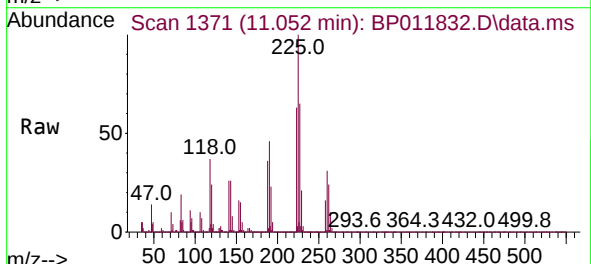
Manual Integrations
APPROVED

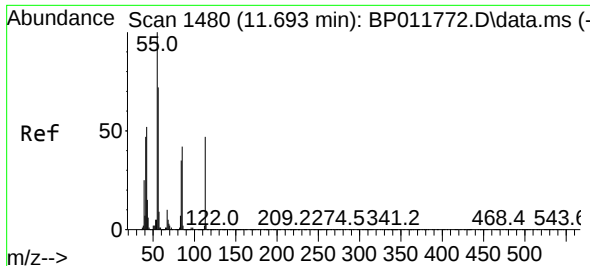
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 49.924 ng
RT: 11.052 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

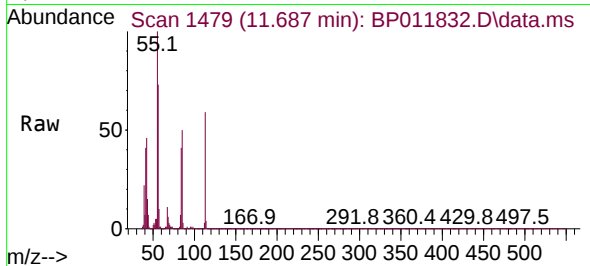
Tgt Ion:225 Resp: 542520
Ion Ratio Lower Upper
225 100
223 63.0 49.0 73.4
227 64.6 49.6 74.4





#35
Caprolactam
Concen: 45.955 ng
RT: 11.687 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

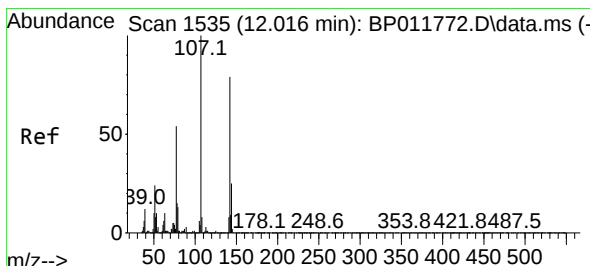
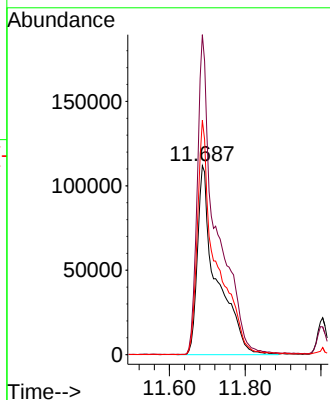
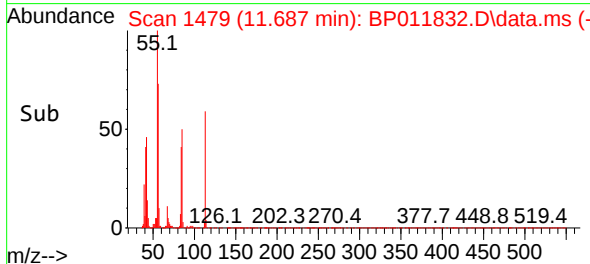
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:113 Resp: 38645
Ion Ratio Lower Upper
113 100
55 169.4 191.1 231.1
56 124.0 131.1 171.1

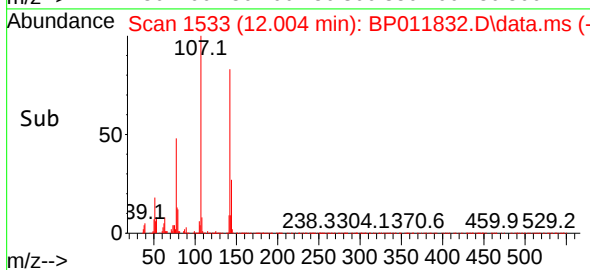
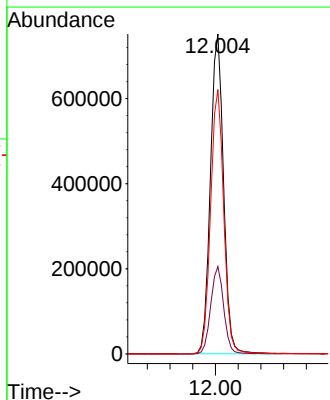
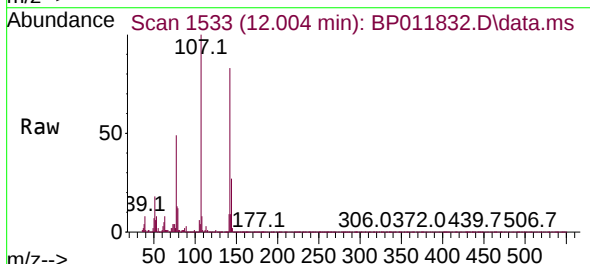
Manual Integrations
APPROVED

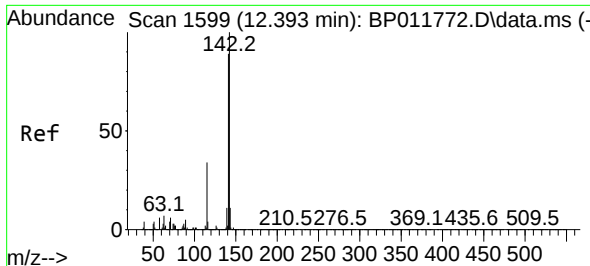
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#36
4-Chloro-3-methylphenol
Concen: 48.128 ng
RT: 12.004 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:107 Resp: 1208641
Ion Ratio Lower Upper
107 100
144 27.3 20.2 30.2
142 82.6 63.5 95.3





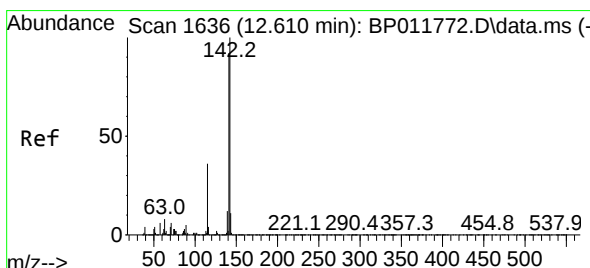
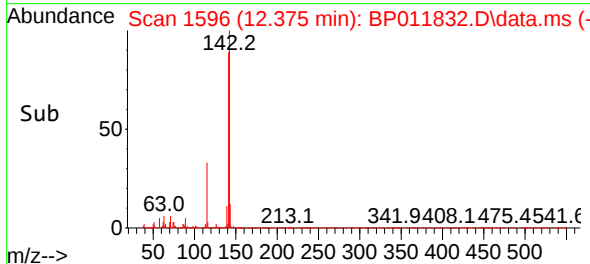
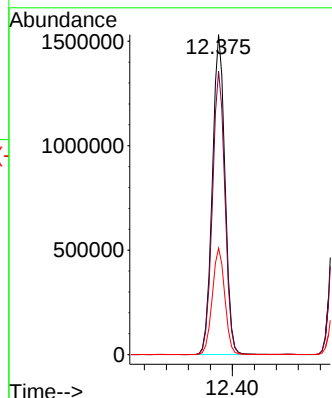
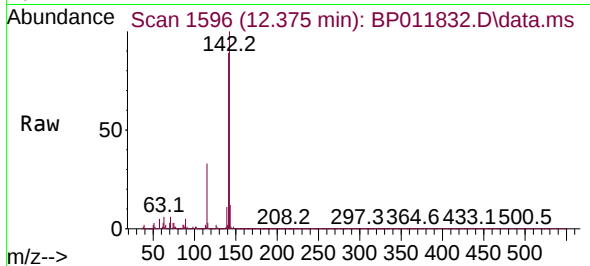
#37
2-Methylnaphthalene
Concen: 43.575 ng
RT: 12.375 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:142 Resp: 2437226
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7
115 33.3 27.4 41.0

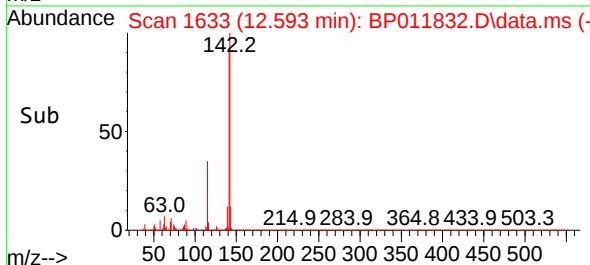
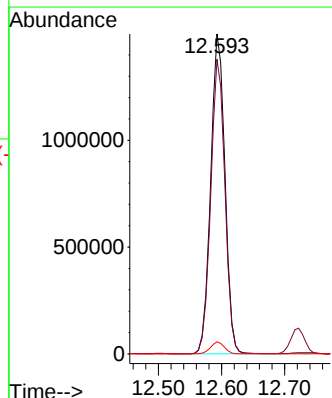
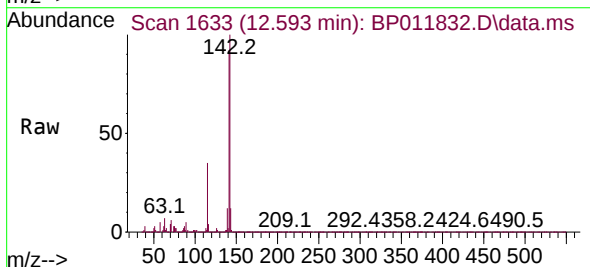
Manual Integrations
APPROVED

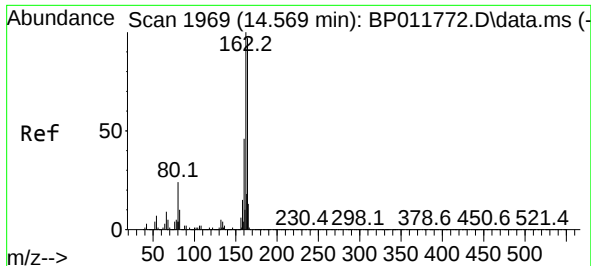
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#38
1-Methylnaphthalene
Concen: 42.610 ng
RT: 12.593 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

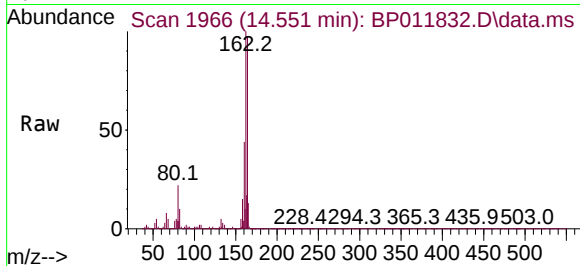
Tgt Ion:142 Resp: 2346921
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

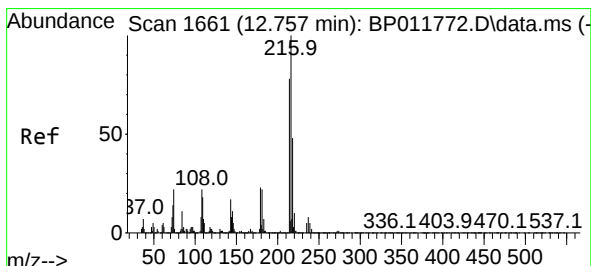
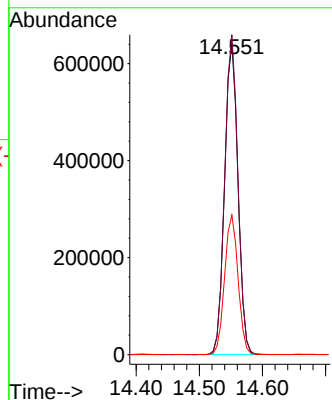
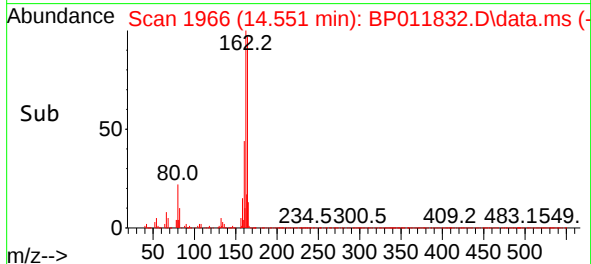
Instrument :
BNA_P
ClientSampleId :
PB147971BS



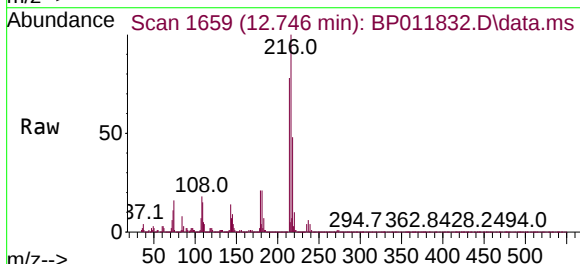
Tgt Ion:164 Resp: 940828
Ion Ratio Lower Upper
164 100
162 102.8 82.5 123.7
160 44.8 37.8 56.6

Manual Integrations
APPROVED

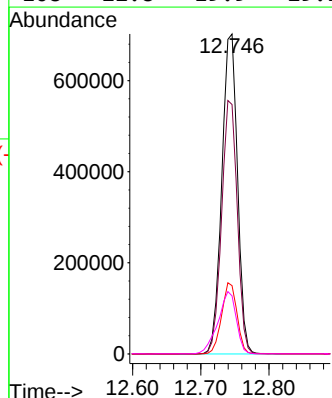
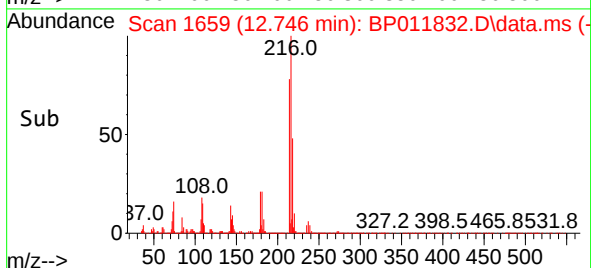
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

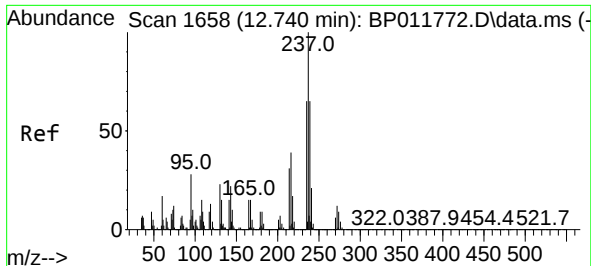


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.505 ng
RT: 12.746 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



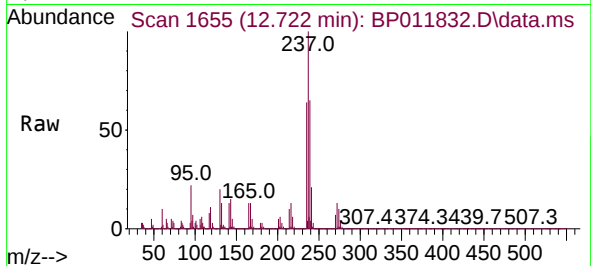
Tgt Ion:216 Resp: 1113275
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.8 18.5 27.7
108 22.8 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 130.253 ng
RT: 12.722 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

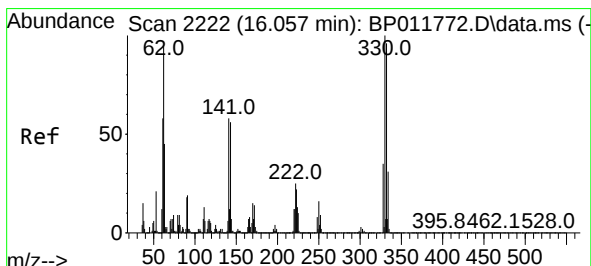
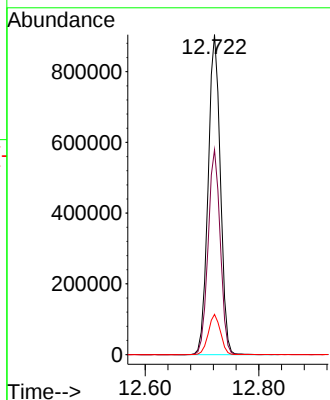
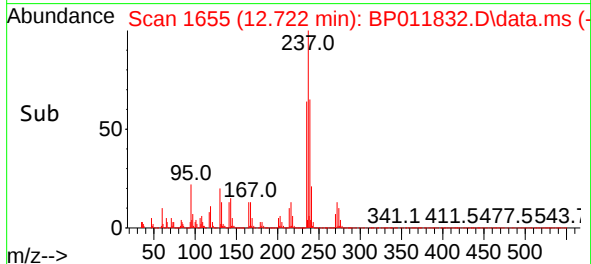
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion: 237 Resp: 1354462
Ion Ratio Lower Upper
237 100
235 64.0 45.5 85.5
272 12.6 0.0 31.6

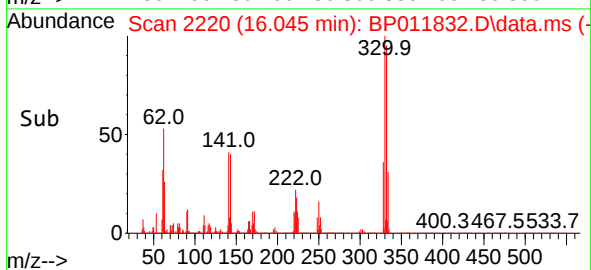
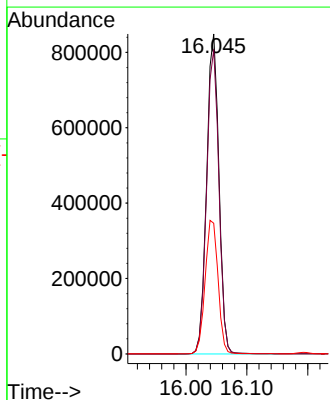
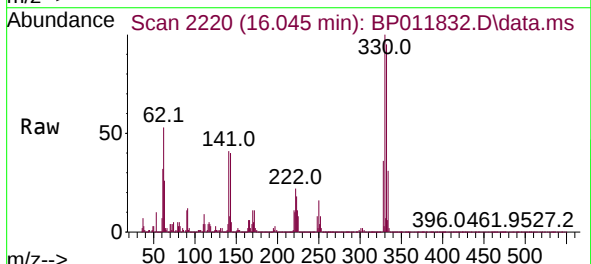
Manual Integrations
APPROVED

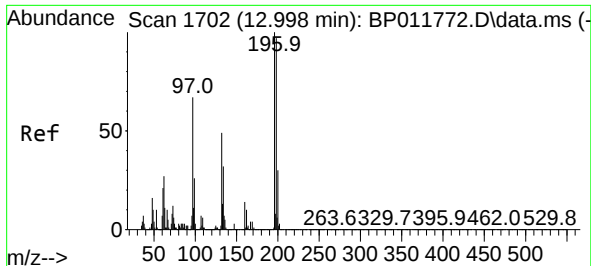
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022



#42
2,4,6-Tribromophenol
Concen: 187.703 ng
RT: 16.045 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

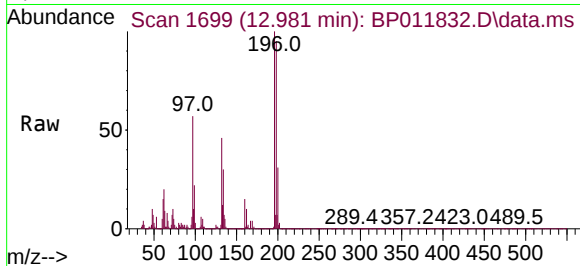
Tgt Ion: 330 Resp: 1189105
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 43.8 48.7 73.1#





#43
2,4,6-Trichlorophenol
Concen: 53.800 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

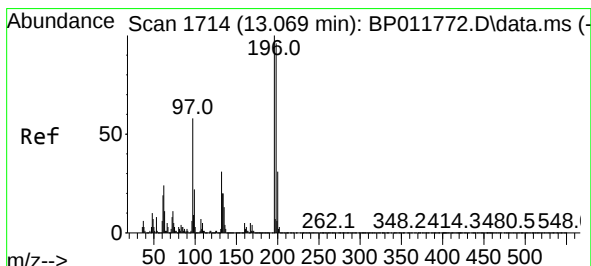
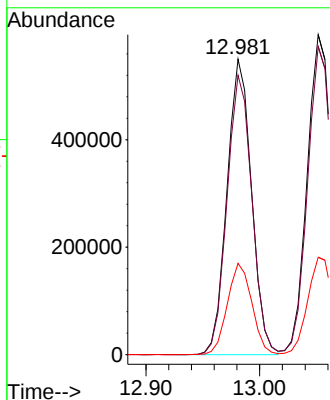
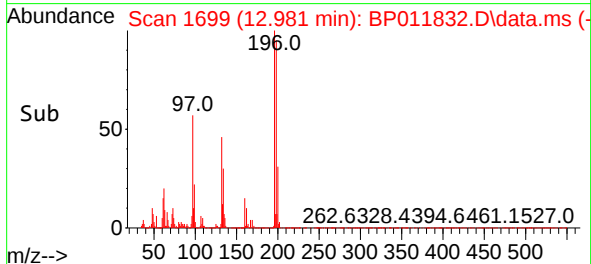
Instrument :
BNA_P
ClientSampleId :
PB147971BS



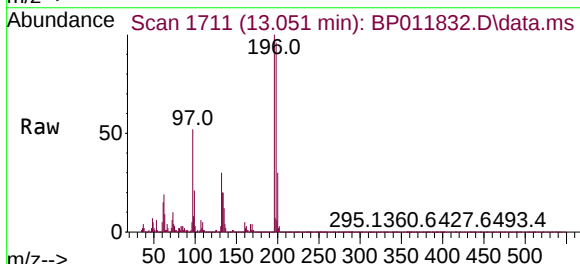
Tgt Ion:196 Resp: 825734
Ion Ratio Lower Upper
196 100
198 94.6 77.8 116.6
200 30.9 24.3 36.5

Manual Integrations
APPROVED

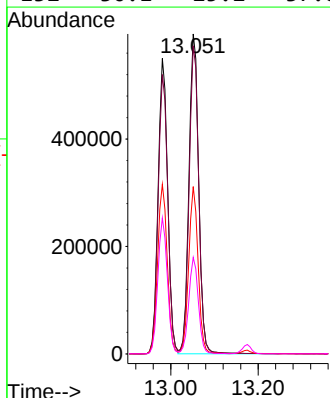
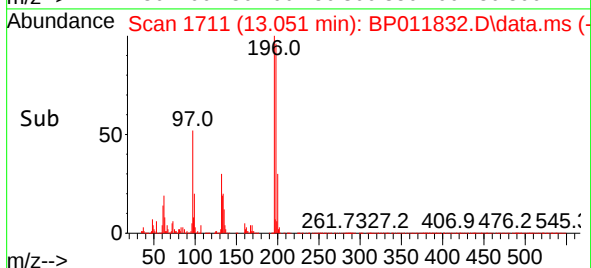
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

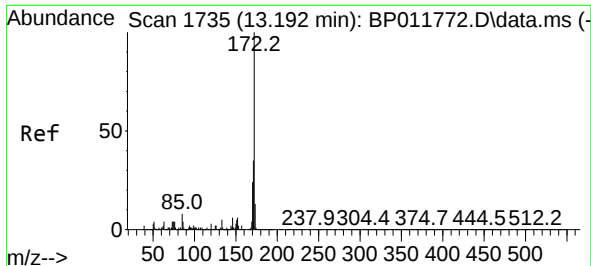


#44
2,4,5-Trichlorophenol
Concen: 52.311 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



Tgt Ion:196 Resp: 922830
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 52.3 46.2 69.4
132 30.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 85.628 ng
RT: 13.175 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

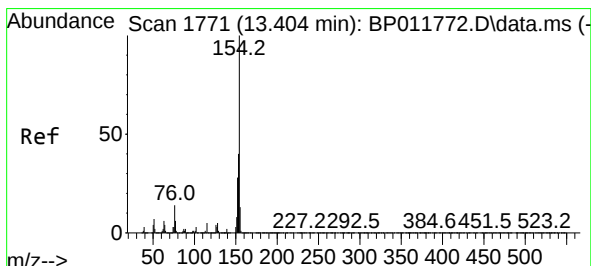
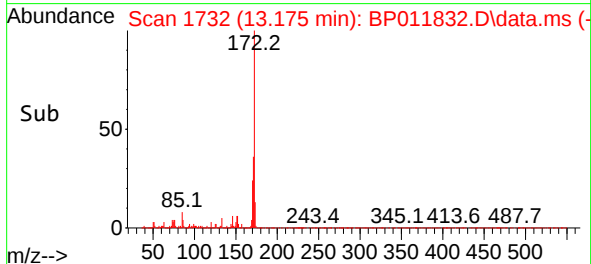
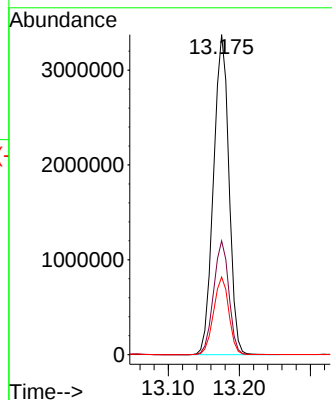
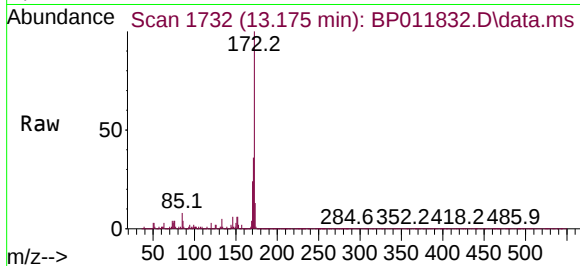
ClientSampleId :

PB147971BS

Tgt Ion:172 Resp: 5094359
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.2 19.5 29.3

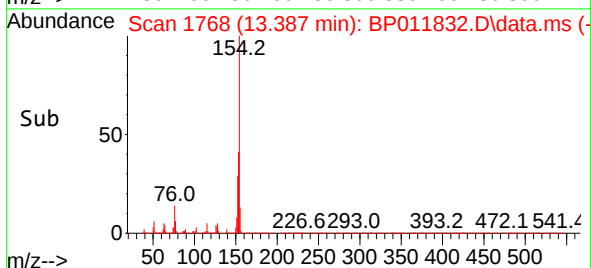
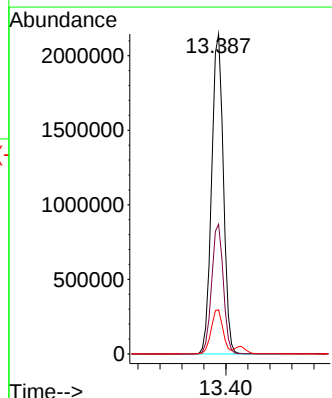
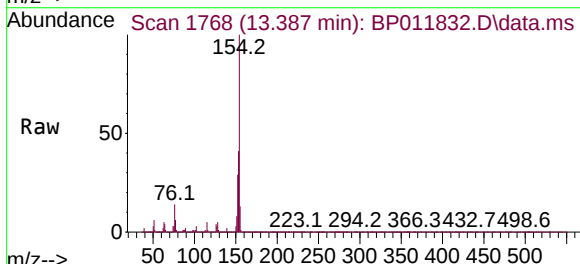
Manual Integrations
APPROVED

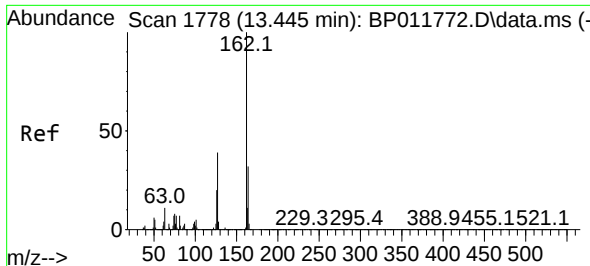
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#46
1,1'-Biphenyl
Concen: 46.357 ng
RT: 13.387 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:154 Resp: 3168806
Ion Ratio Lower Upper
154 100
153 40.5 19.5 59.5
76 13.8 0.0 34.2





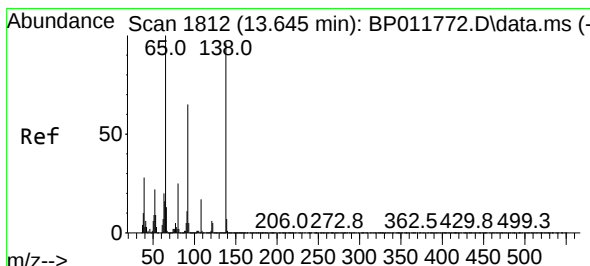
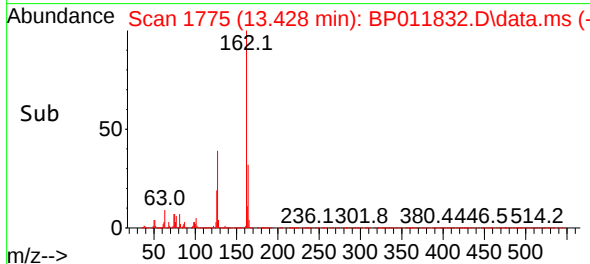
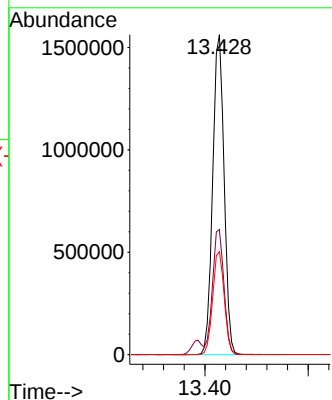
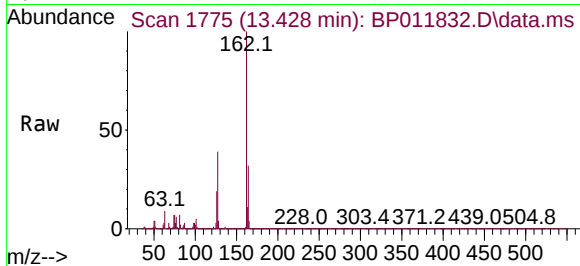
#47
2-Chloronaphthalene
Concen: 45.169 ng
RT: 13.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:162 Resp: 239490
Ion Ratio Lower Upper
162 100
127 39.1 31.5 47.3
164 32.2 25.9 38.9

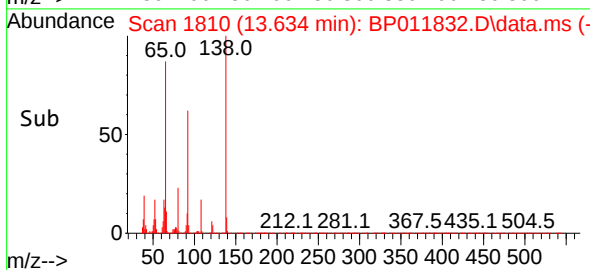
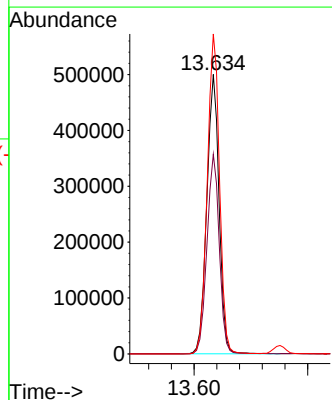
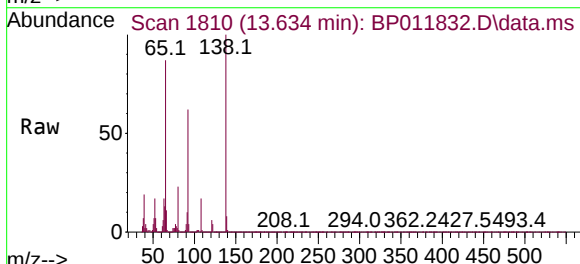
Manual Integrations
APPROVED

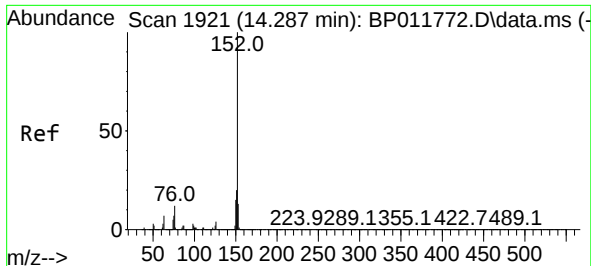
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#48
2-Nitroaniline
Concen: 39.822 ng
RT: 13.634 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion: 65 Resp: 752795
Ion Ratio Lower Upper
65 100
92 71.5 52.3 78.5
138 114.5 76.5 114.7





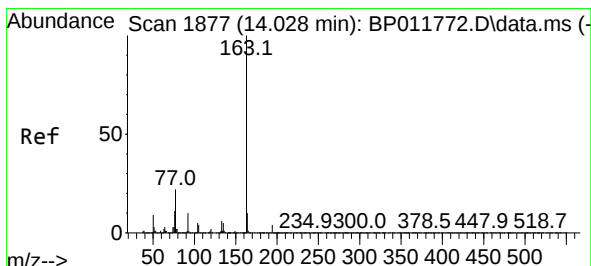
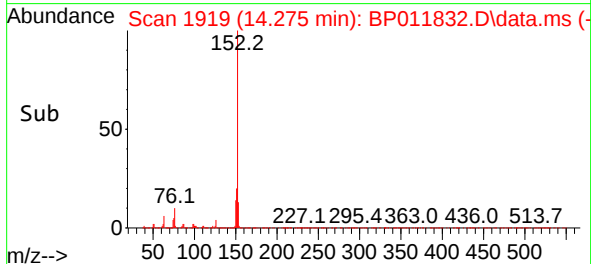
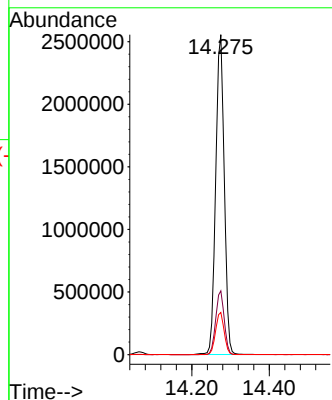
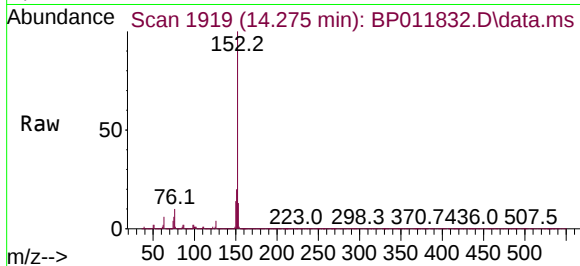
#49
Acenaphthylene
Concen: 44.545 ng
RT: 14.275 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:152 Resp: 3920326
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.2 10.6 16.0

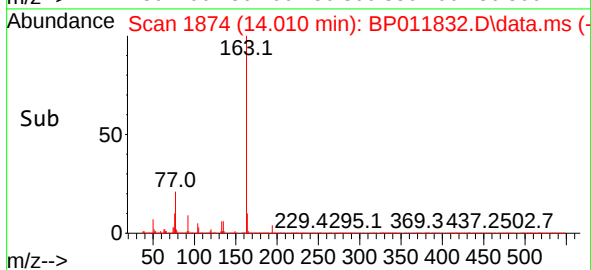
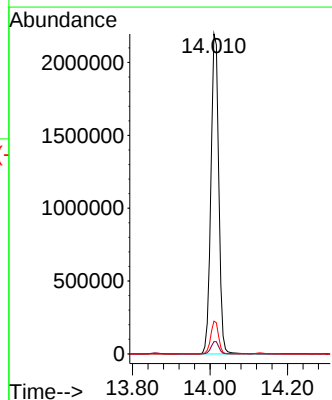
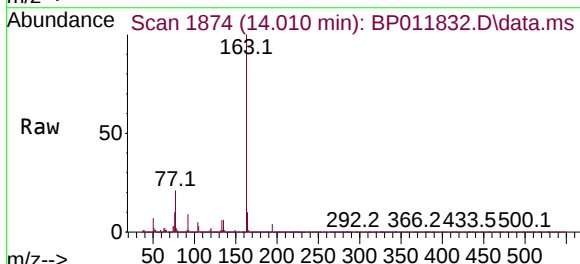
Manual Integrations
APPROVED

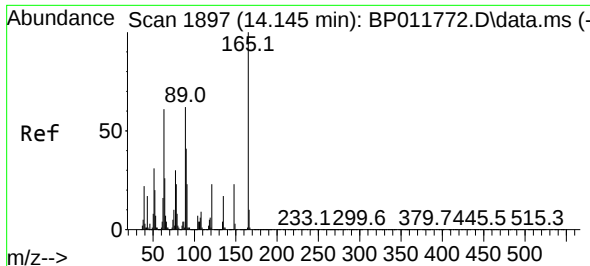
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#50
Dimethylphthalate
Concen: 44.546 ng
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

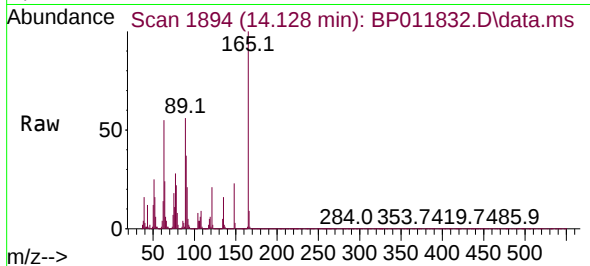
Tgt Ion:163 Resp: 3072918
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 47.490 ng
RT: 14.128 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

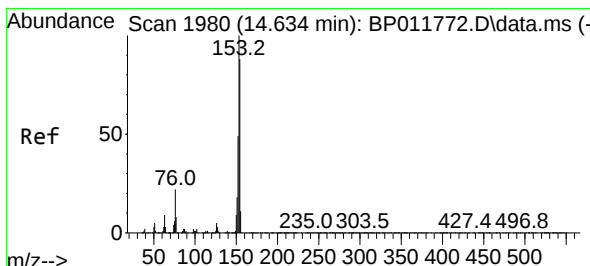
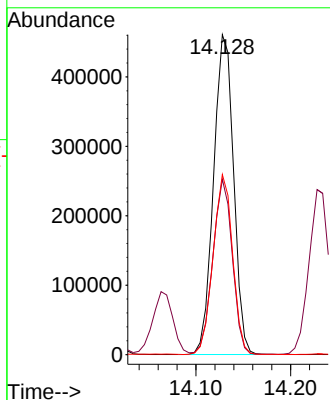
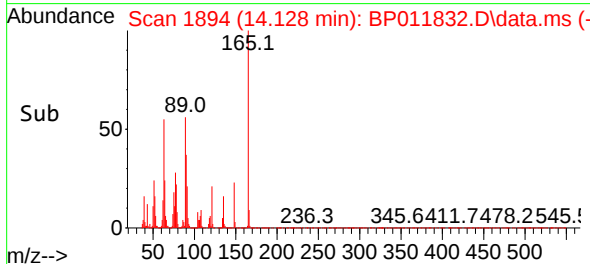
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:165 Resp: 676379
Ion Ratio Lower Upper
165 100
63 54.8 51.0 76.4
89 56.3 49.3 73.9

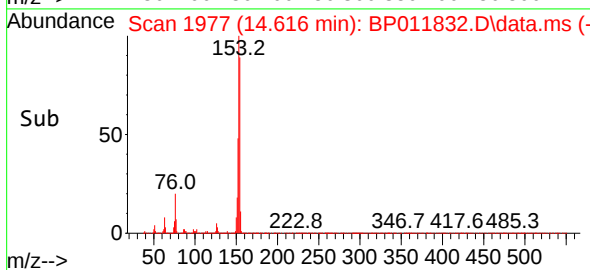
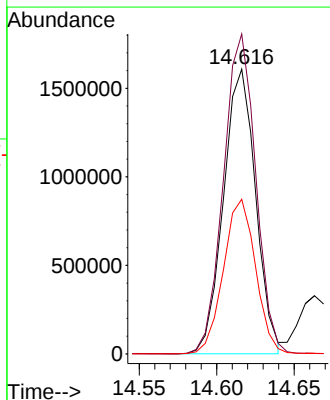
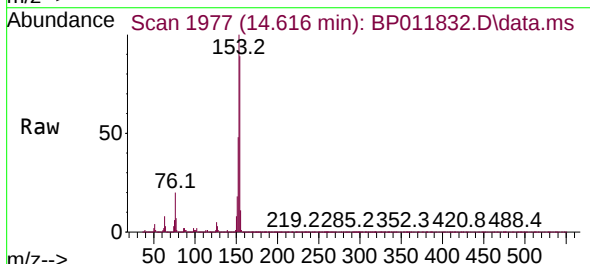
Manual Integrations
APPROVED

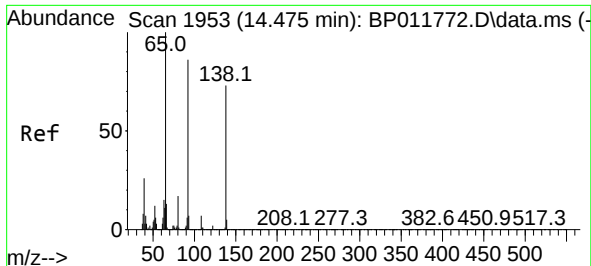
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 43.145 ng
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

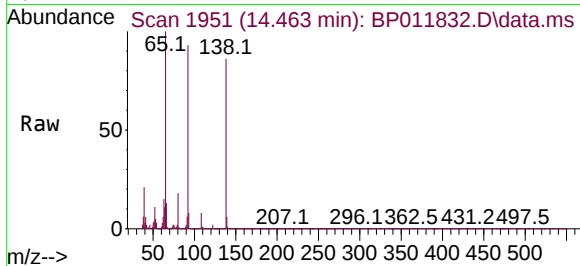
Tgt Ion:154 Resp: 2328768
Ion Ratio Lower Upper
154 100
153 112.4 90.8 136.2
152 54.3 44.6 66.8





#53
3-Nitroaniline
Concen: 36.886 ng
RT: 14.463 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

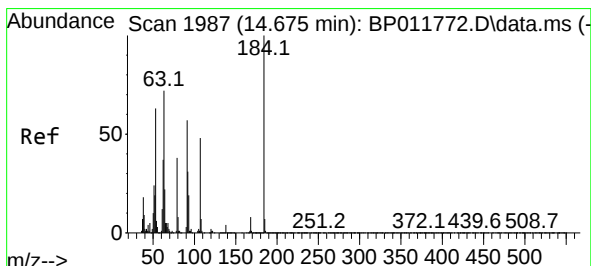
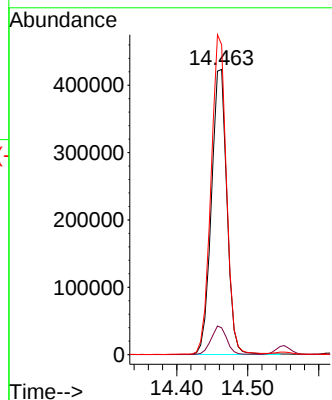
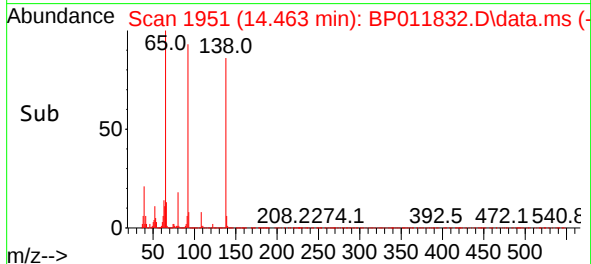
Instrument :
BNA_P
ClientSampleId :
PB147971BS



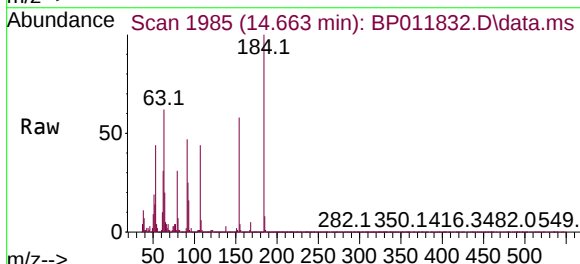
Tgt Ion:138 Resp: 643440
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 108.7 94.6 142.0

Manual Integrations
APPROVED

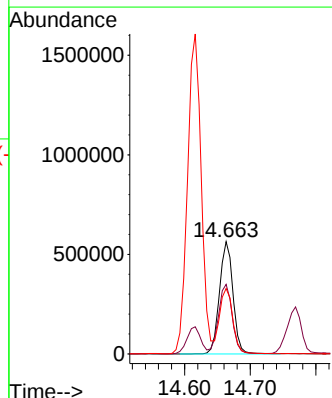
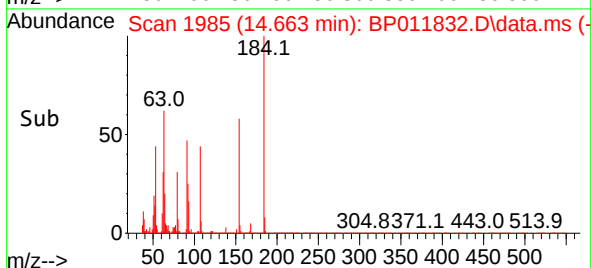
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

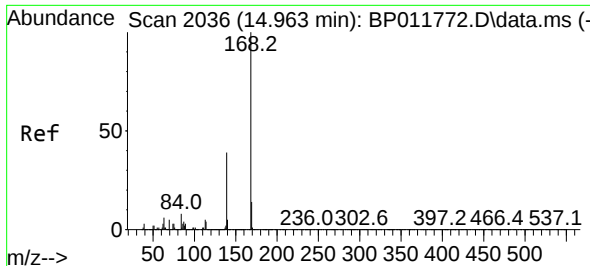


#54
2,4-Dinitrophenol
Concen: 105.266 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



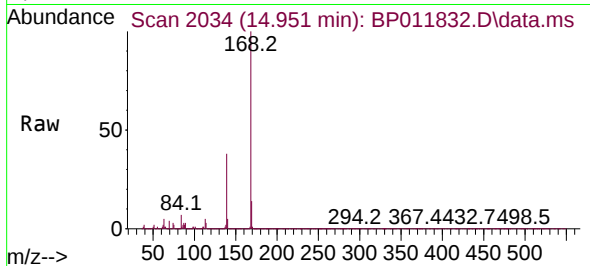
Tgt Ion:184 Resp: 809267
Ion Ratio Lower Upper
184 100
63 62.0 65.7 98.5#
154 58.3 48.2 72.4





#55
Dibenzenofuran
Concen: 44.154 ng
RT: 14.951 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

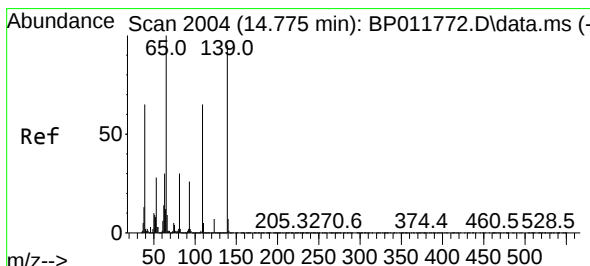
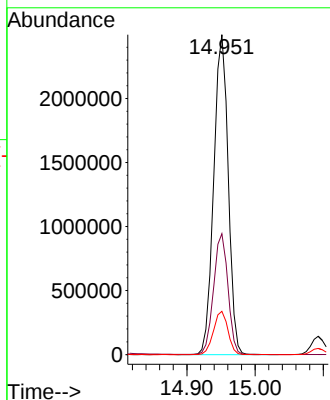
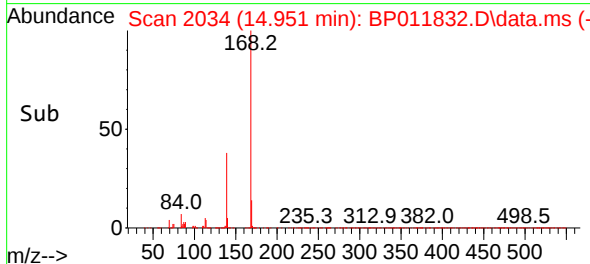
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:168 Resp: 3652810
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 13.5 11.0 16.4

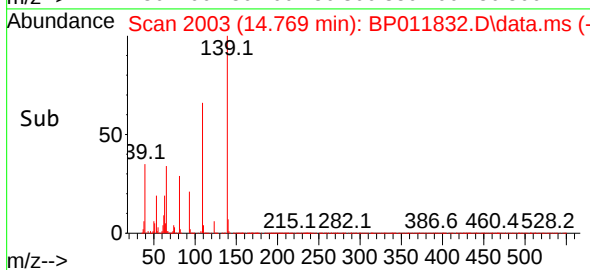
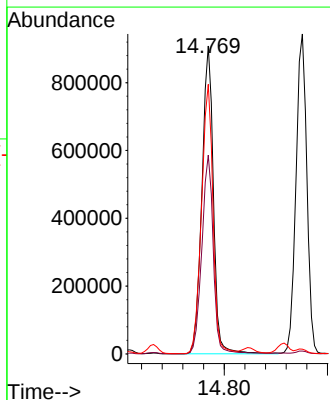
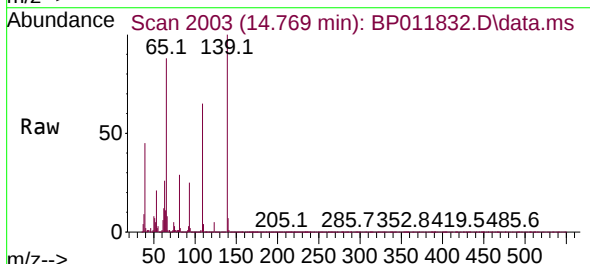
Manual Integrations
APPROVED

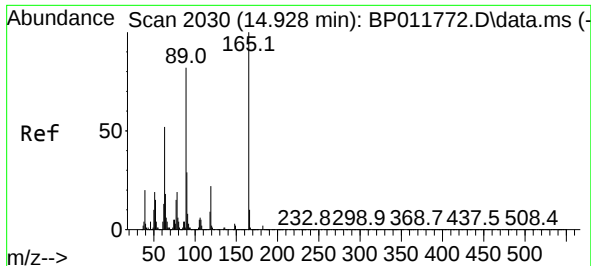
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 96.792 ng
RT: 14.769 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:139 Resp: 1402138
Ion Ratio Lower Upper
139 100
109 64.6 48.3 88.3
65 87.5 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 44.673 ng
RT: 14.916 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

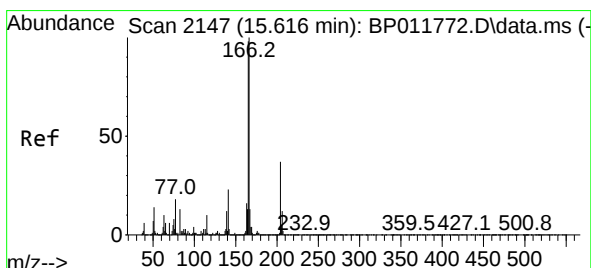
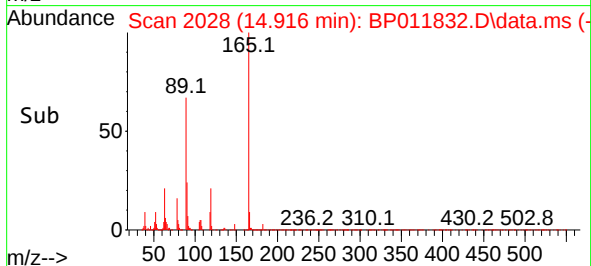
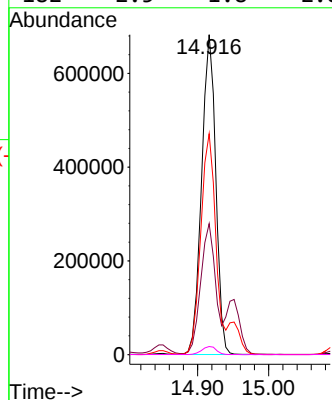
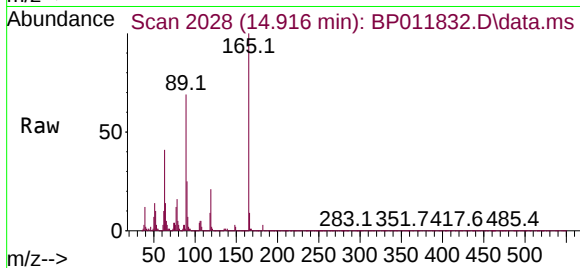
PB147971BS

Tgt Ion:165 Resp: 941130
Ion Ratio Lower Upper
165 100
63 40.9 41.4 62.2
89 69.0 66.0 99.0
182 2.5 1.8 2.8

Manual Integrations

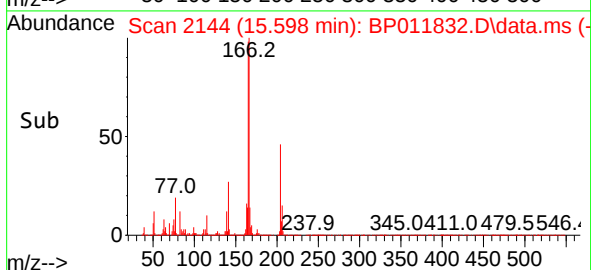
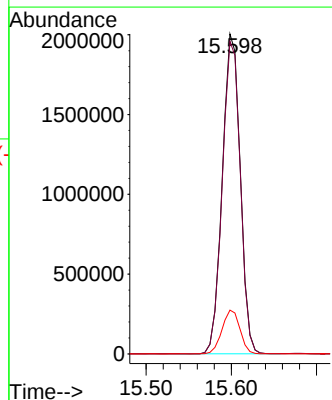
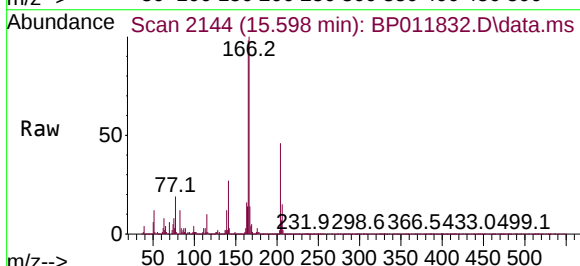
APPROVED

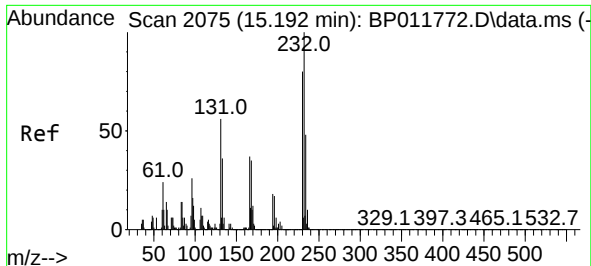
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#58
Fluorene
Concen: 41.753 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:166 Resp: 2930464
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.7 10.7 16.1





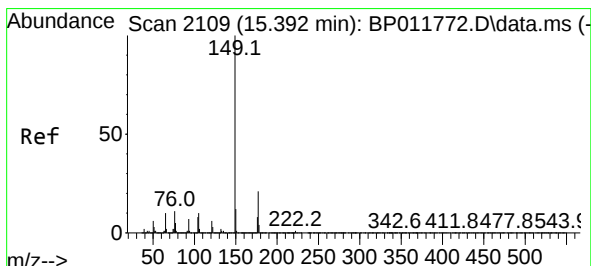
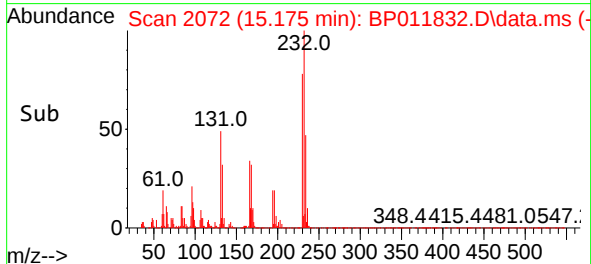
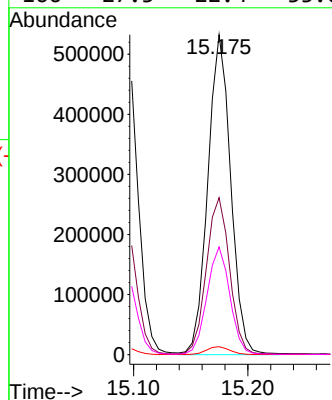
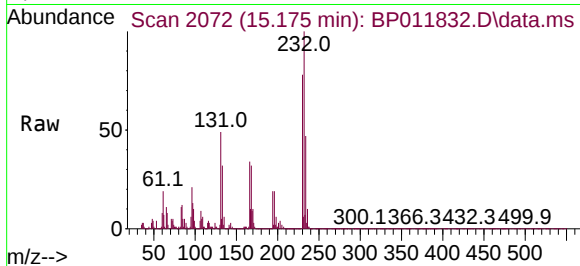
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.558 ng m
RT: 15.175 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:232 Resp: 742612
Ion Ratio Lower Upper
232 100
131 44.6 39.5 59.3
130 2.5 2.3 3.5
166 27.3 22.4 33.6

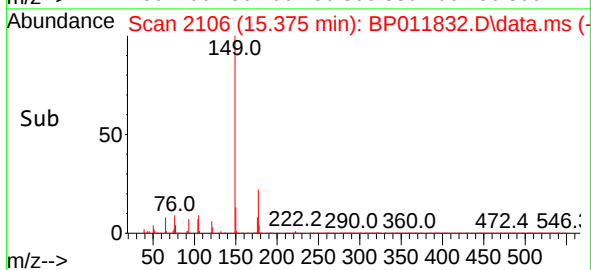
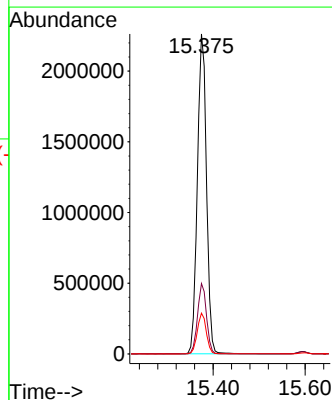
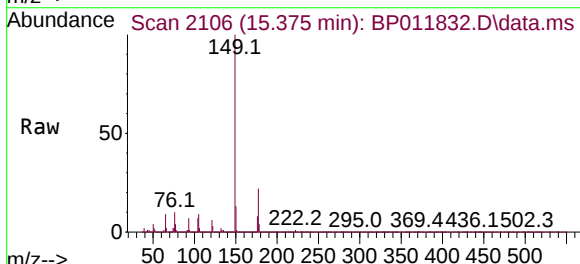
Manual Integrations
APPROVED

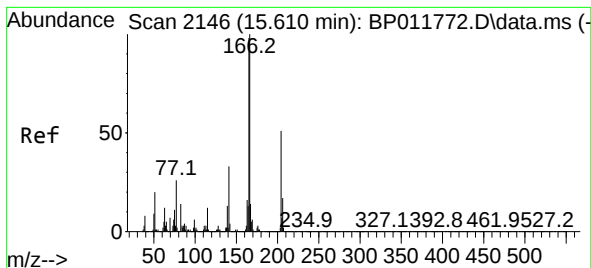
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#60
Diethylphthalate
Concen: 42.976 ng
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

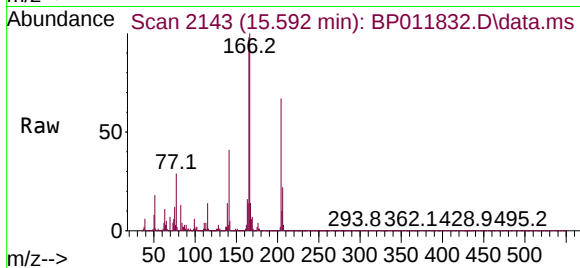
Tgt Ion:149 Resp: 3095462
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.183 ng
RT: 15.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

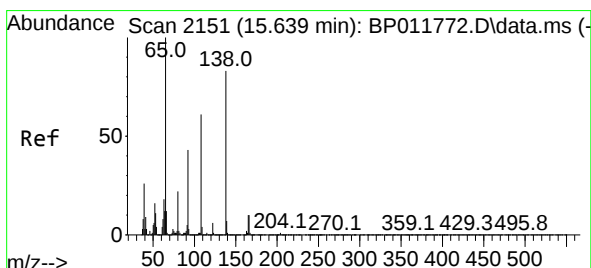
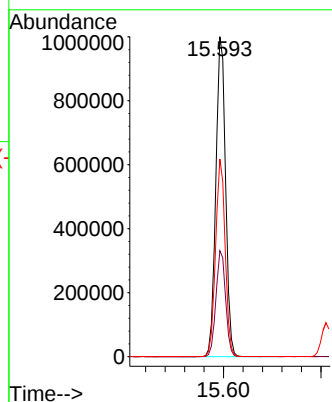
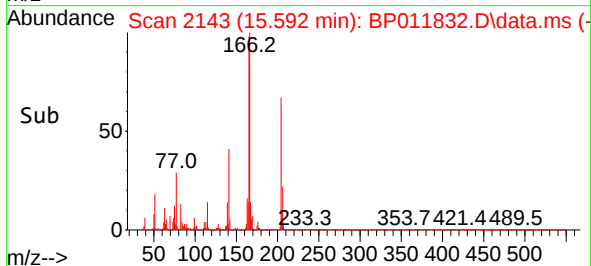
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:204 Resp: 138454
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 61.7 51.4 77.2

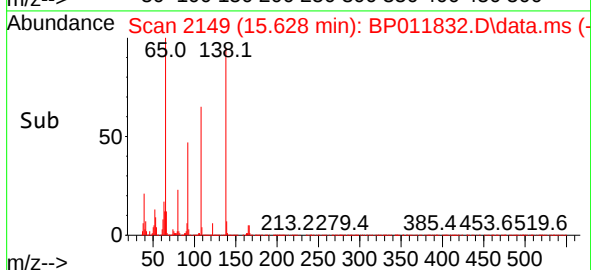
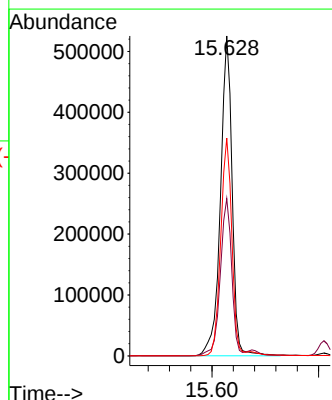
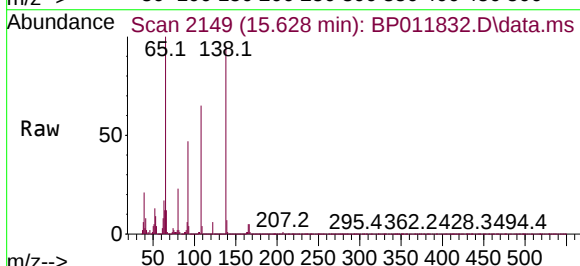
Manual Integrations
APPROVED

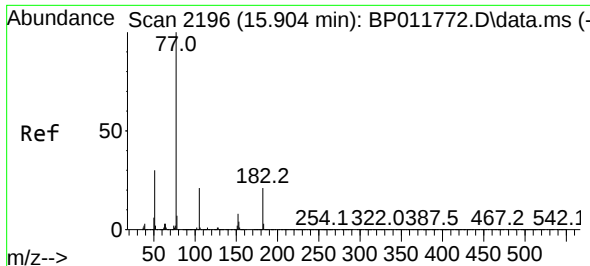
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 39.671 ng
RT: 15.628 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

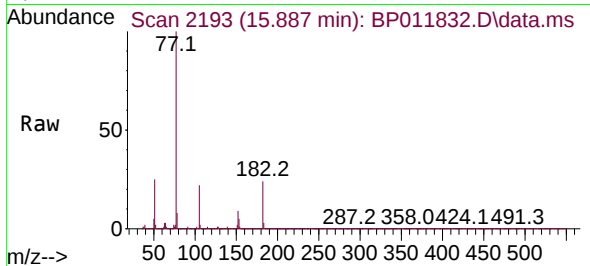
Tgt Ion:138 Resp: 800212
Ion Ratio Lower Upper
138 100
92 49.2 31.9 71.9
108 68.1 53.3 93.3





#63
Azobenzene
Concen: 37.165 ng
RT: 15.887 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

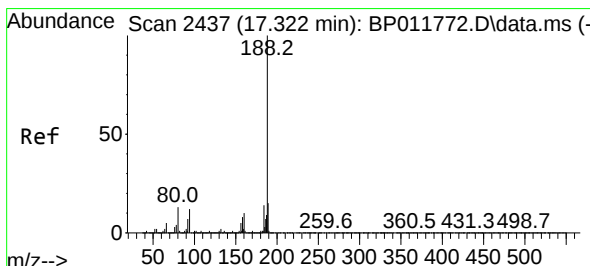
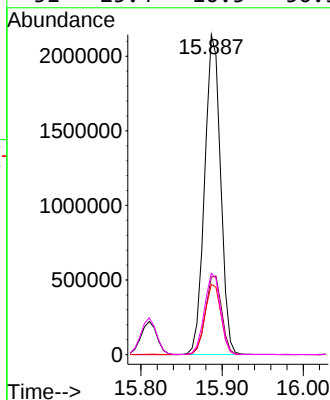
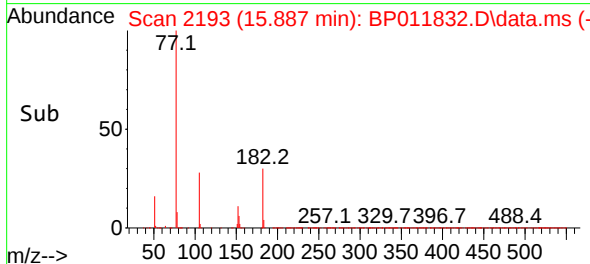
Instrument :
BNA_P
ClientSampleId :
PB147971BS



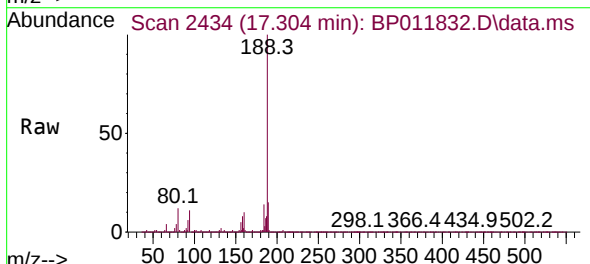
Tgt Ion: 77 Resp: 2931138
Ion Ratio Lower Upper
77 100
182 24.3 1.3 41.3
105 22.0 0.5 40.5
51 25.4 10.5 50.5

Manual Integrations
APPROVED

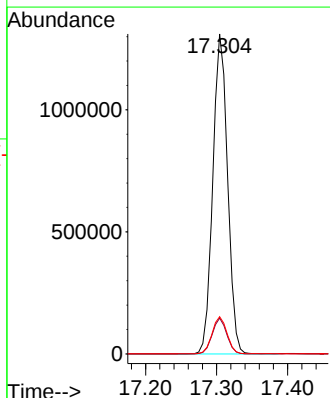
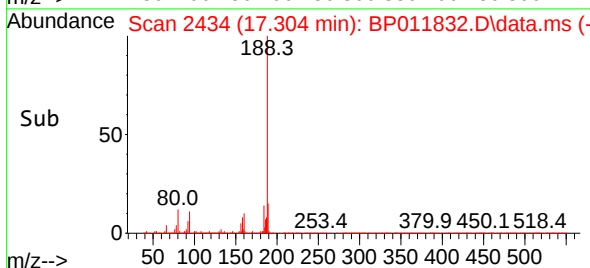
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

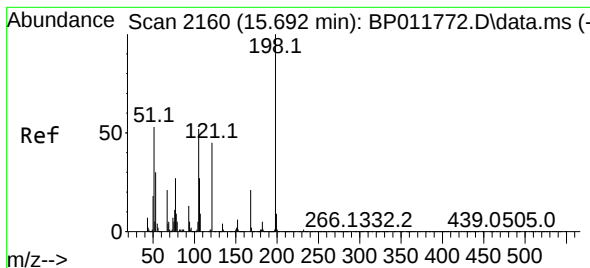


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19



Tgt Ion:188 Resp: 1894600
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.0
80 11.7 10.6 15.8





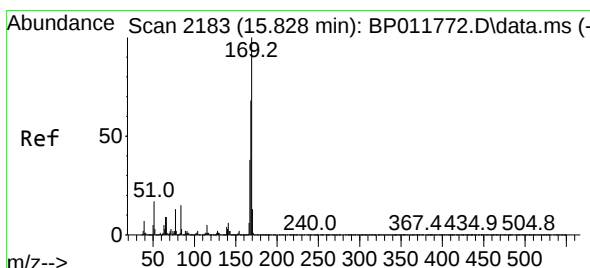
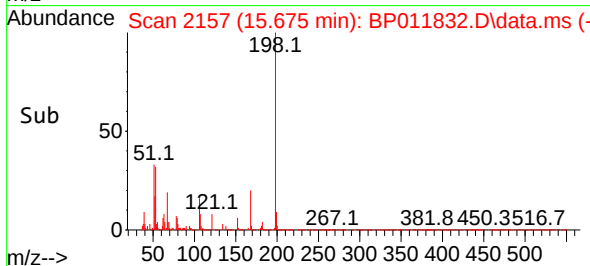
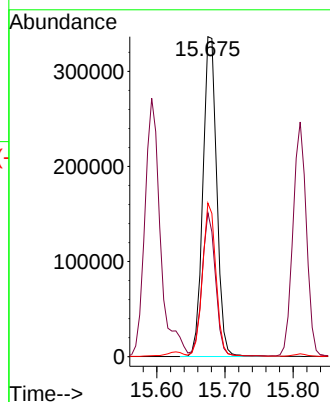
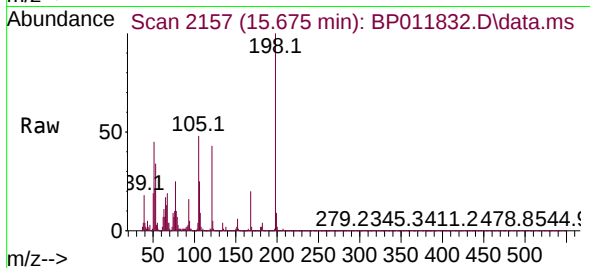
#65
4,6-Dinitro-2-methylphenol
Concen: 49.347 ng
RT: 15.675 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:198 Resp: 475550
Ion Ratio Lower Upper
198 100
51 45.0 41.6 81.6
105 48.0 33.2 73.2

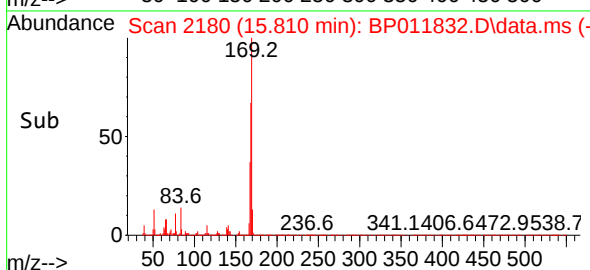
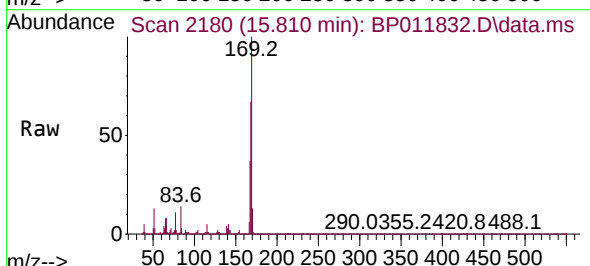
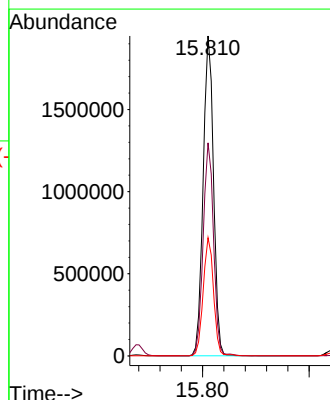
Manual Integrations
APPROVED

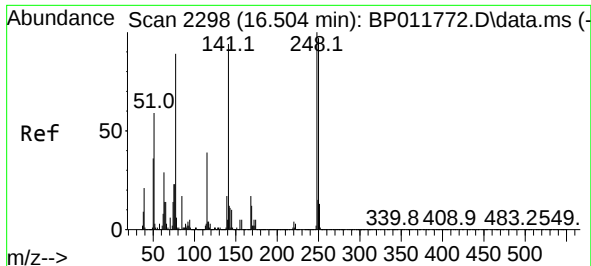
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 46.485 ng
RT: 15.810 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:169 Resp: 2624192
Ion Ratio Lower Upper
169 100
168 66.6 54.5 81.7
167 36.9 30.1 45.1





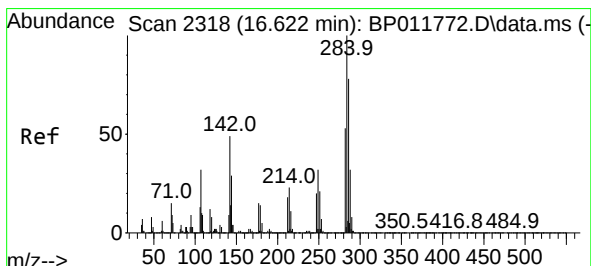
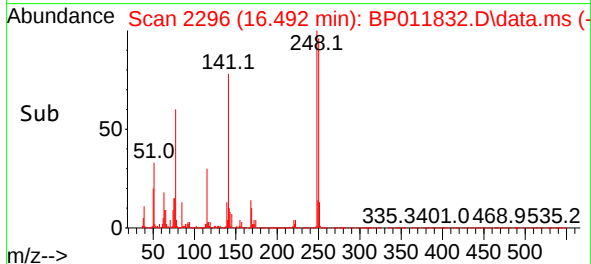
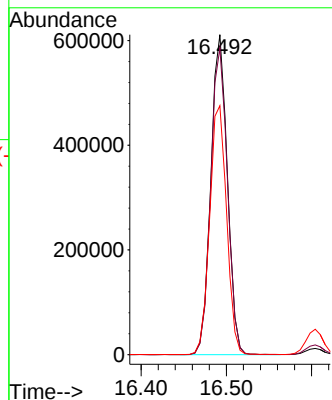
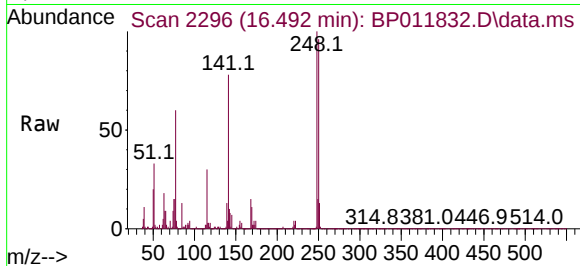
#67
4-Bromophenyl-phenylether
Concen: 52.942 ng
RT: 16.492 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:248 Resp: 822572
Ion Ratio Lower Upper
248 100
250 95.8 77.6 116.4
141 77.8 75.4 113.0

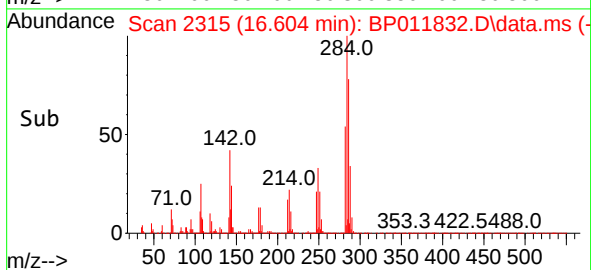
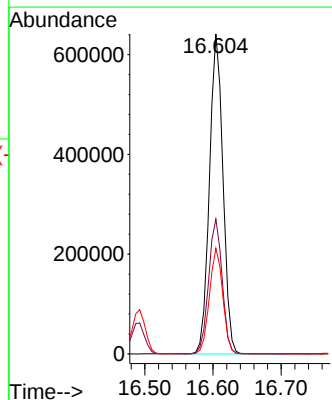
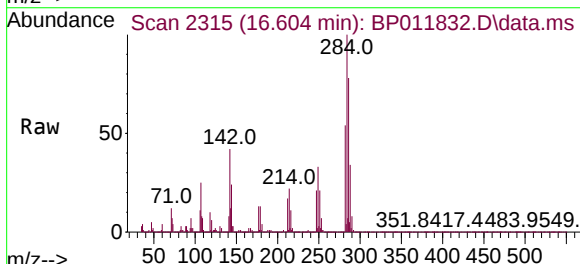
Manual Integrations
APPROVED

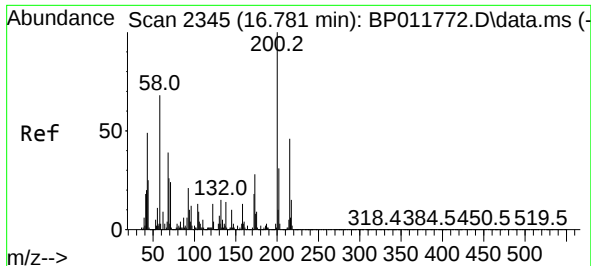
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#68
Hexachlorobenzene
Concen: 53.444 ng
RT: 16.604 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:284 Resp: 882285
Ion Ratio Lower Upper
284 100
142 42.1 39.0 58.4
249 33.0 25.9 38.9





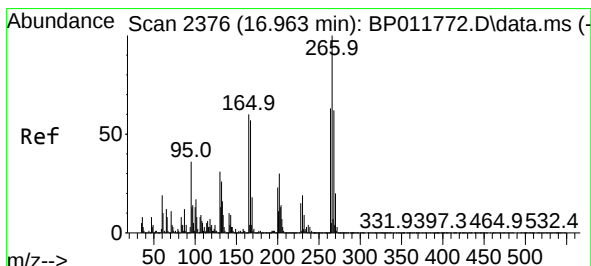
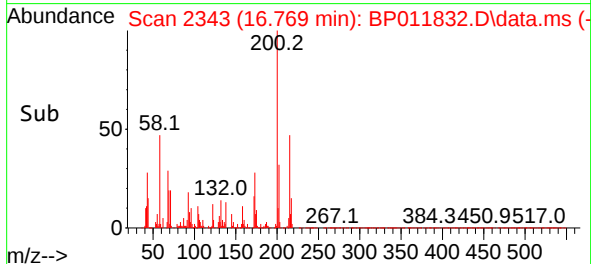
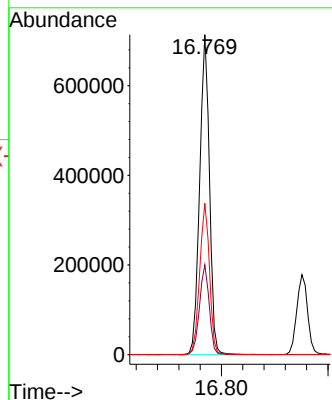
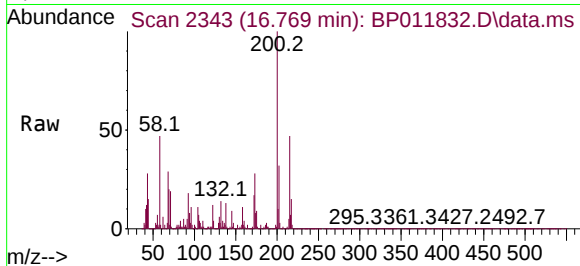
#69
Atrazine
Concen: 55.611 ng
RT: 16.769 min Scan# 2345
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:200 Resp: 909100
Ion Ratio Lower Upper
200 100
173 28.1 8.5 48.5
215 47.3 26.3 66.3

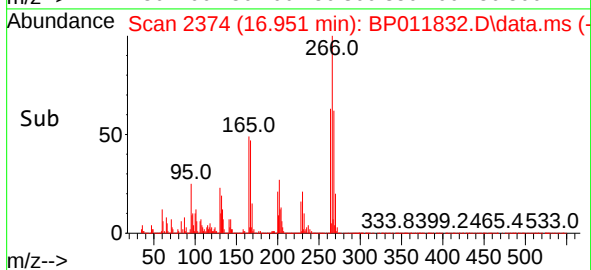
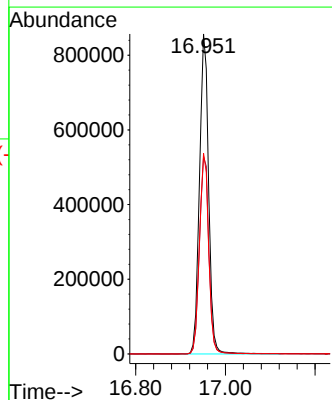
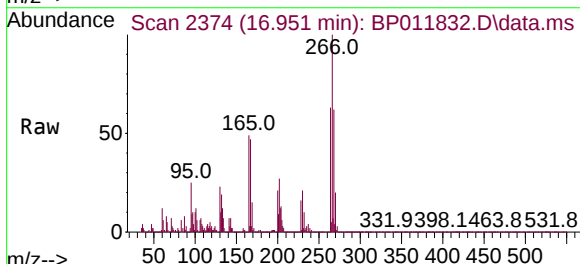
Manual Integrations
APPROVED

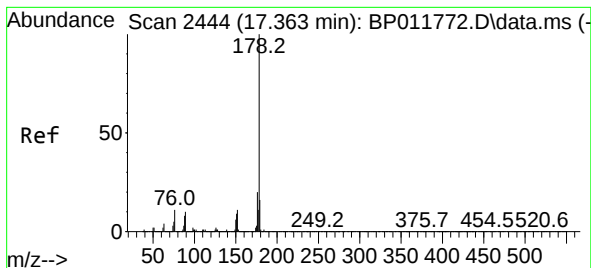
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#70
Pentachlorophenol
Concen: 100.442 ng
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:266 Resp: 1207015
Ion Ratio Lower Upper
266 100
268 61.7 49.7 74.5
264 62.7 50.6 75.8





#71

Phenanthrene

Concen: 43.671 ng

RT: 17.351 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:178 Resp: 4666600

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

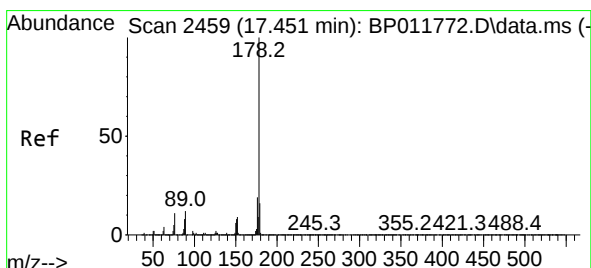
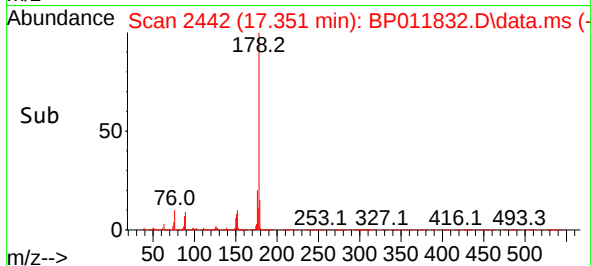
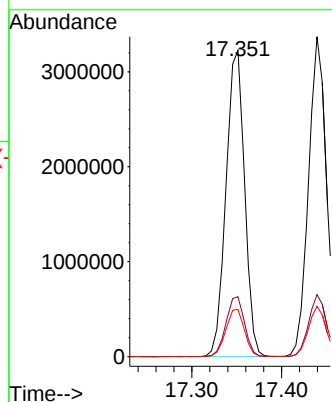
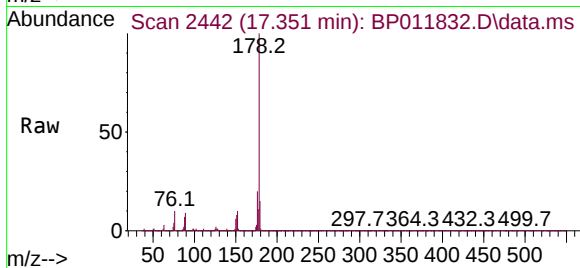
179 15.4 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#72

Anthracene

Concen: 45.676 ng

RT: 17.439 min Scan# 2457

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

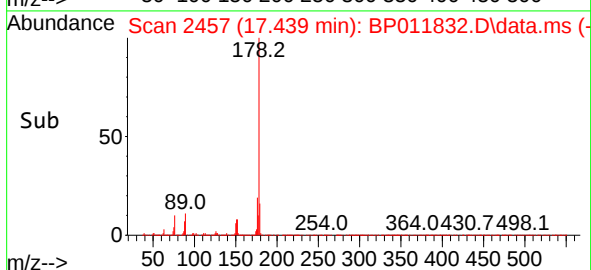
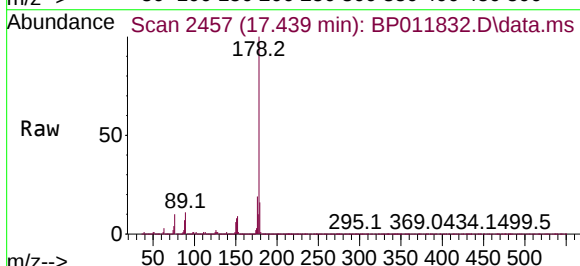
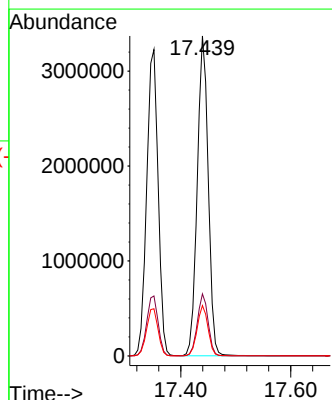
Tgt Ion:178 Resp: 4668206

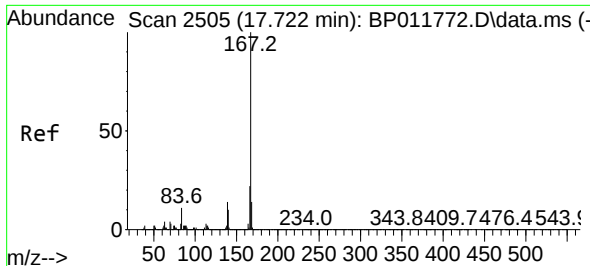
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

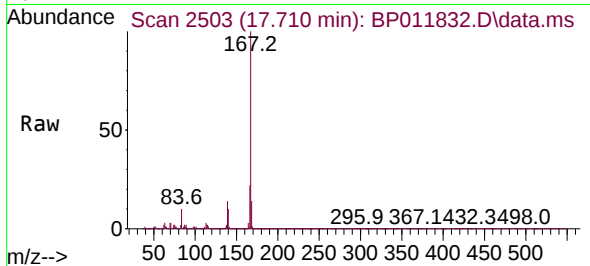
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 45.036 ng
 RT: 17.710 min Scan# 2505
 Delta R.T. -0.006 min
 Lab File: BP011832.D
 Acq: 28 Sep 2022 16:19

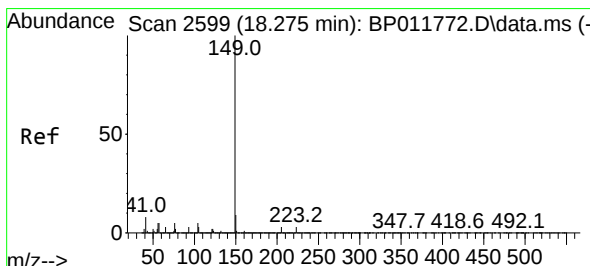
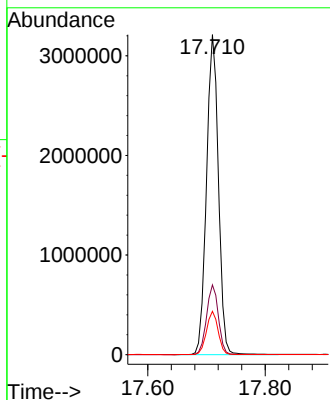
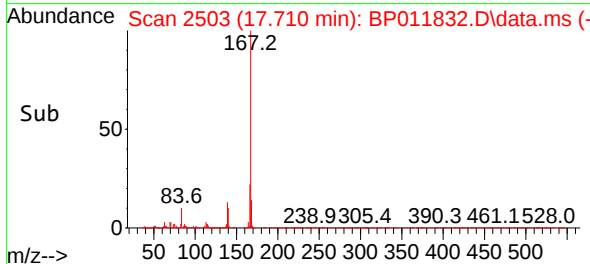
Instrument :
 BNA_P
 ClientSampleId :
 PB147971BS



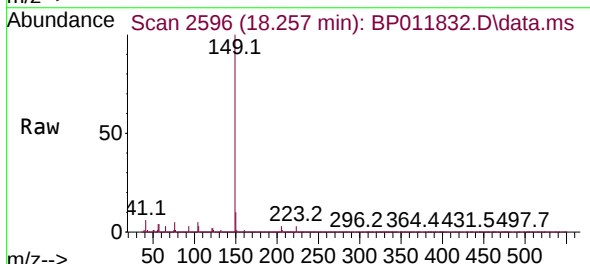
Tgt Ion:167 Resp: 4507963
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.5 11.0 16.6

Manual Integrations
 APPROVED

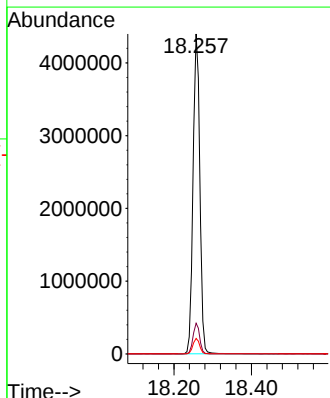
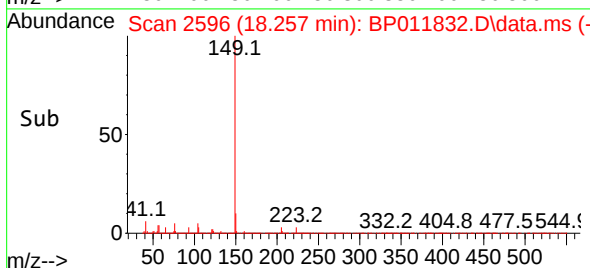
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

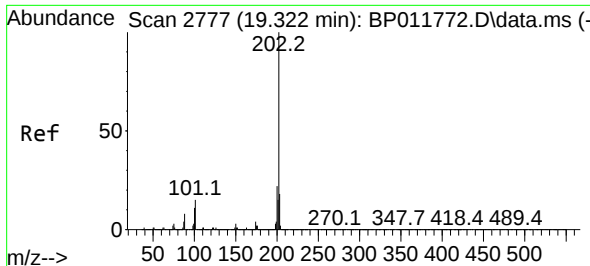


#74
 Di-n-butylphthalate
 Concen: 44.175 ng
 RT: 18.257 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP011832.D
 Acq: 28 Sep 2022 16:19



Tgt Ion:149 Resp: 5326215
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 4.8 4.2 6.4





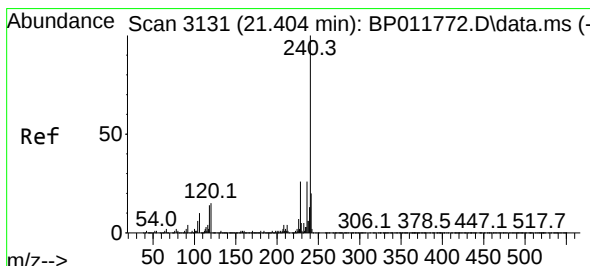
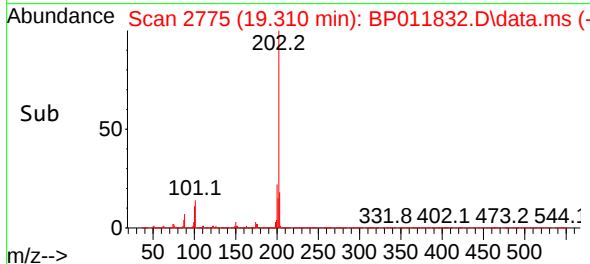
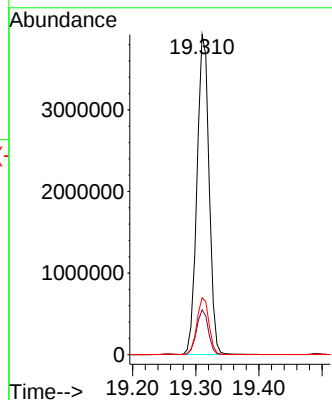
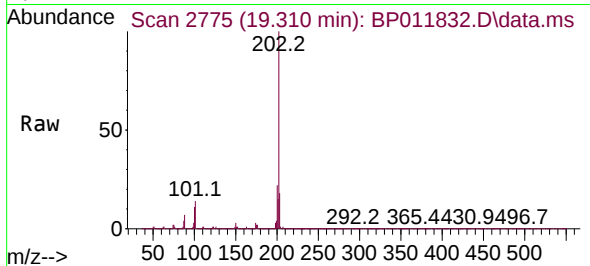
#75
Fluoranthene
Concen: 44.903 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:202 Resp: 5216335
Ion Ratio Lower Upper
202 100
101 14.0 0.0 35.5
203 17.8 0.0 38.1

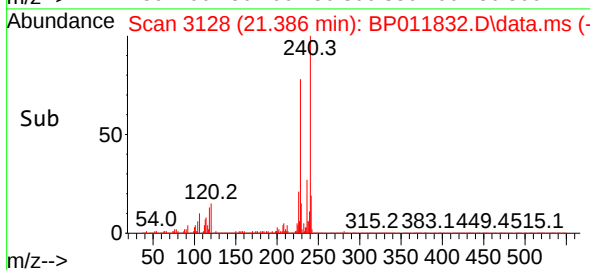
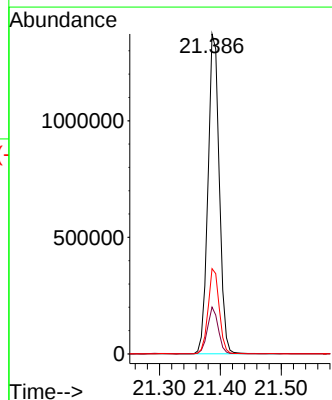
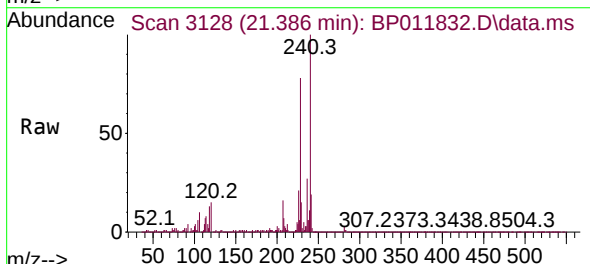
Manual Integrations
APPROVED

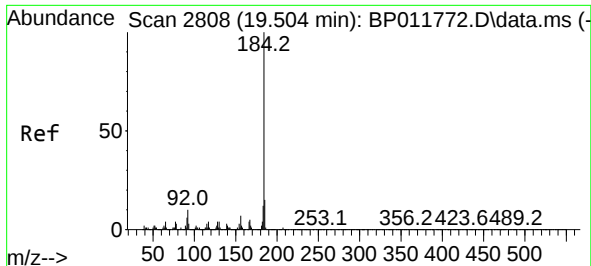
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:240 Resp: 1768032
Ion Ratio Lower Upper
240 100
120 14.6 12.0 18.0
236 26.6 21.1 31.7





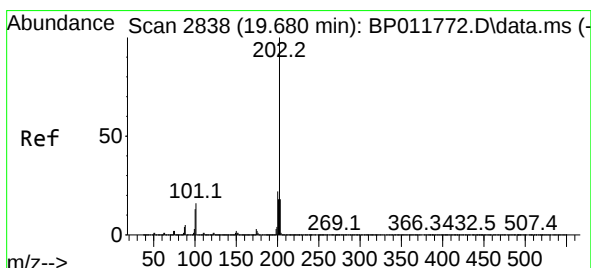
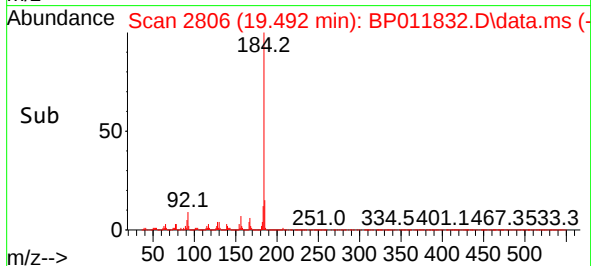
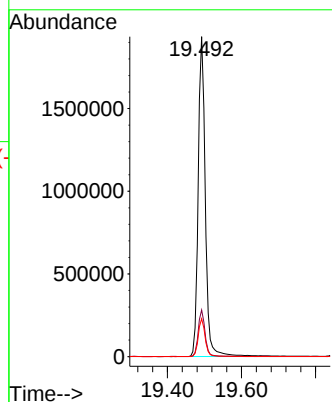
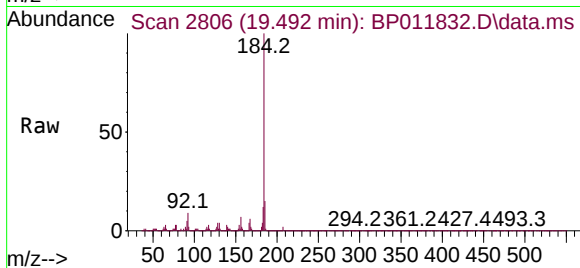
#77
Benzidine
Concen: 75.445 ng
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147971BS

Tgt Ion:184 Resp: 2588819
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.8 9.3 13.9

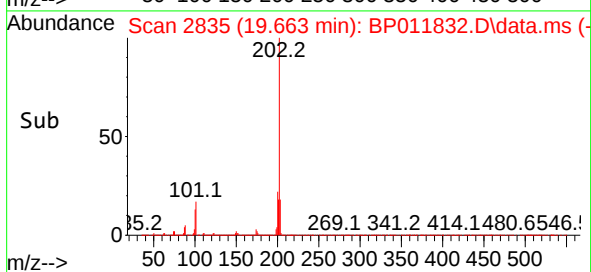
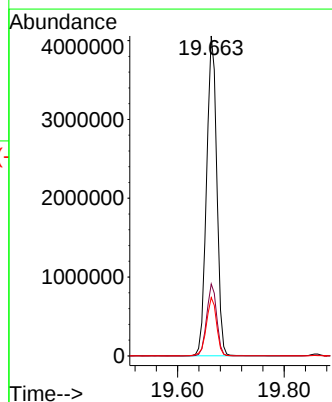
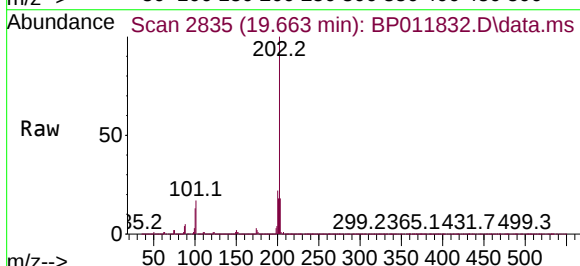
Manual Integrations
APPROVED

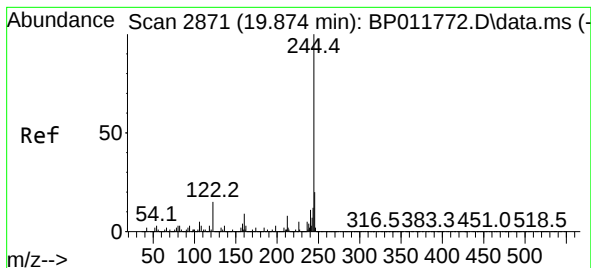
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#78
Pyrene
Concen: 45.755 ng
RT: 19.663 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:202 Resp: 5405547
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 93.605 ng

RT: 19.863 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:244 Resp: 7197568

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

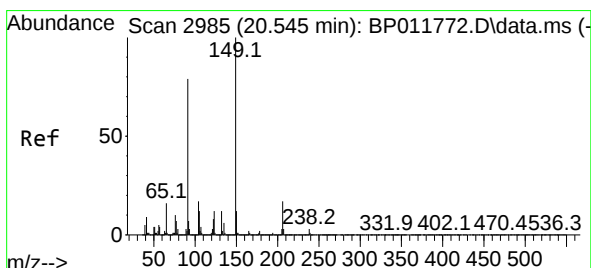
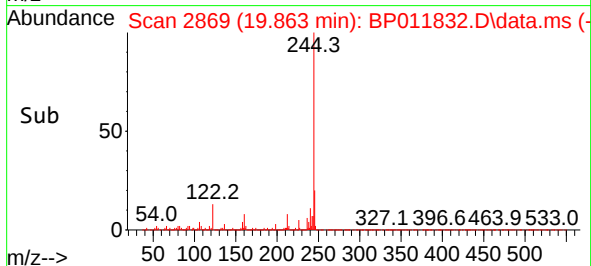
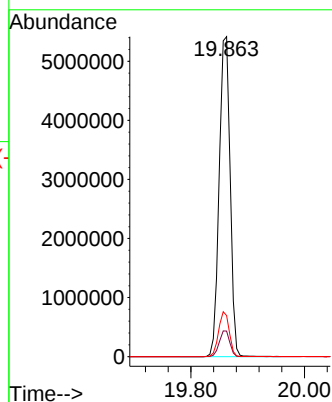
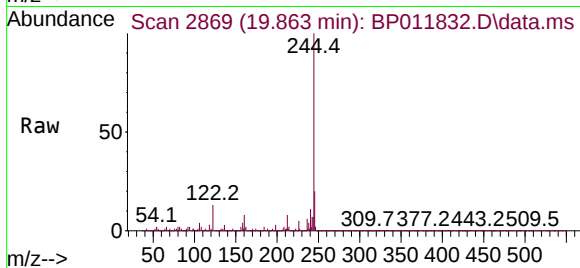
122 12.8 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#80

Butylbenzylphthalate

Concen: 42.868 ng

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

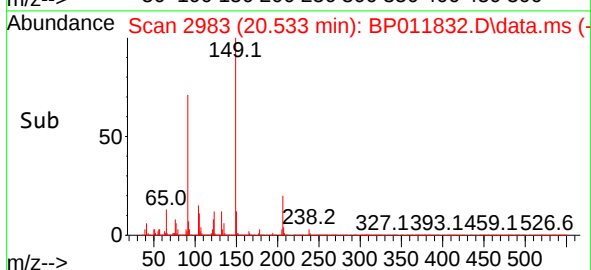
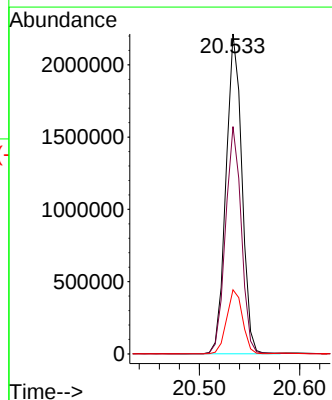
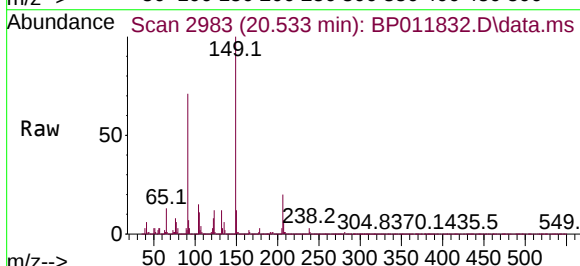
Tgt Ion:149 Resp: 2445934

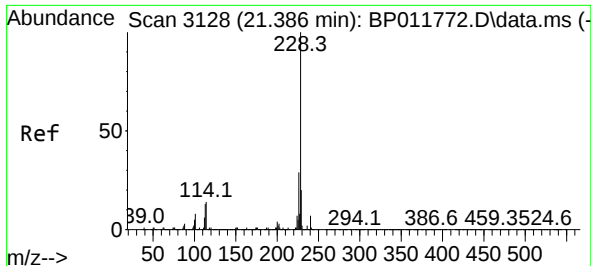
Ion Ratio Lower Upper

149 100

91 71.0 63.1 94.7

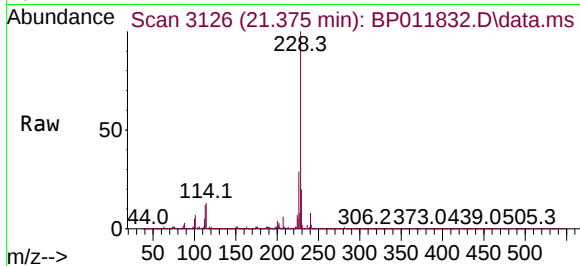
206 20.0 13.6 20.4





#81
Benzo(a)anthracene
Concen: 44.493 ng
RT: 21.375 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

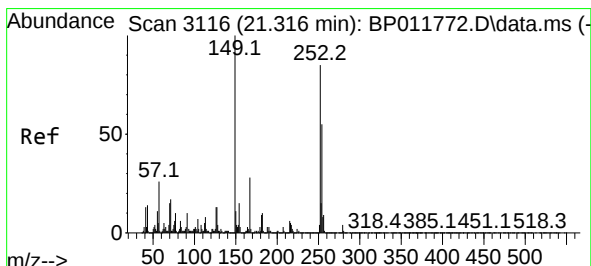
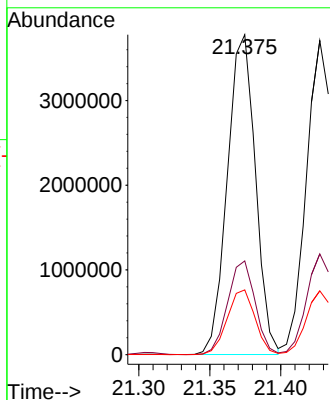
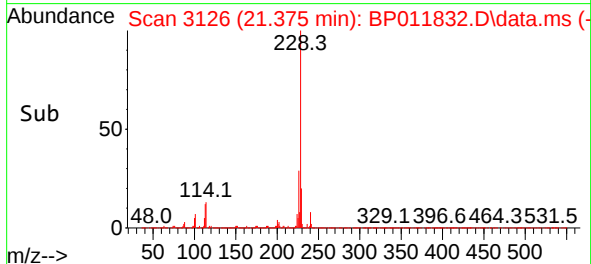
Instrument :
BNA_P
ClientSampleId :
PB147971BS



Tgt Ion:228 Resp: 5190309
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 20.2 16.3 24.5

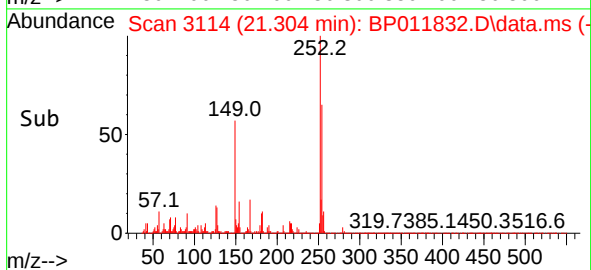
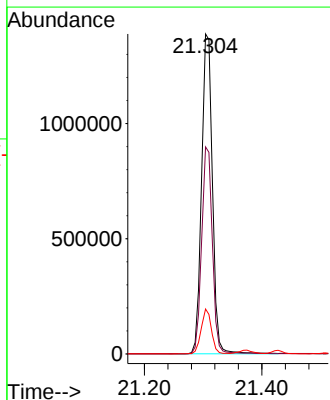
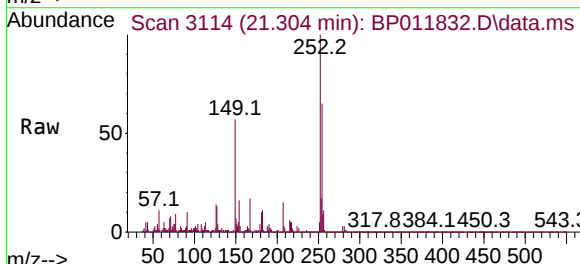
Manual Integrations
APPROVED

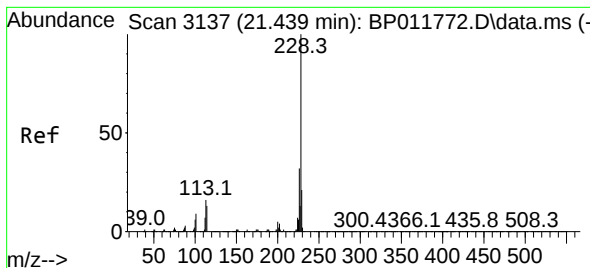
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 52.277 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:252 Resp: 1778506
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 14.1 12.6 18.8





#83

Chrysene

Concen: 43.988 ng

RT: 21.427 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:228 Resp: 4862085

Ion Ratio Lower Upper

228 100

226 32.1 25.5 38.3

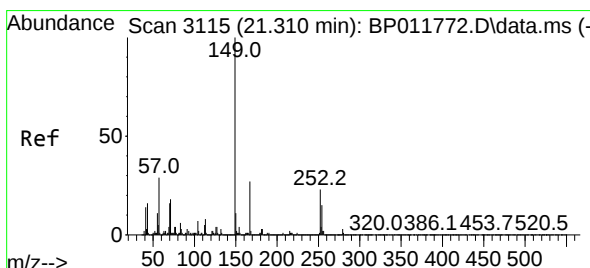
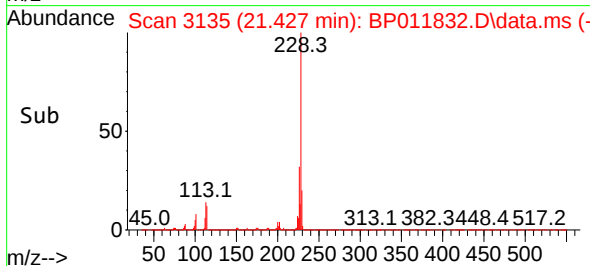
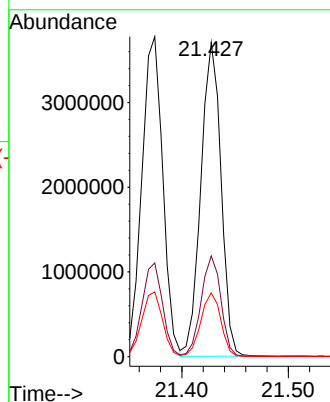
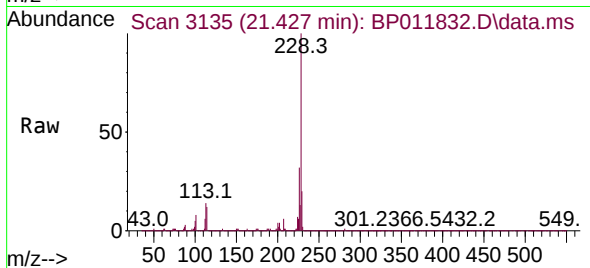
229 20.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.137 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

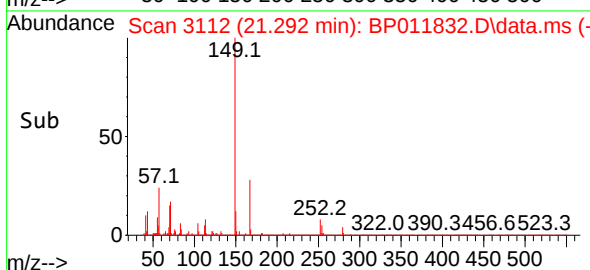
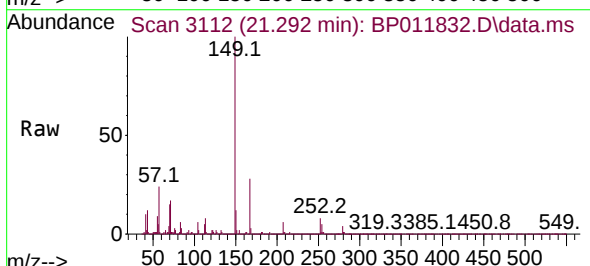
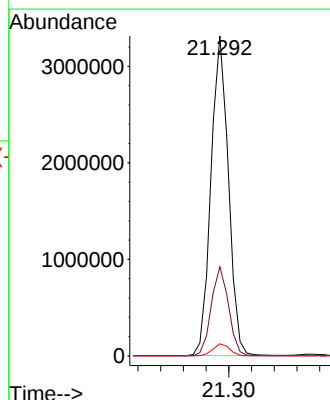
Tgt Ion:149 Resp: 3539510

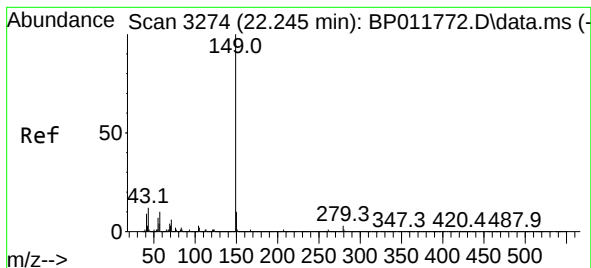
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 3.8 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 45.070 ng

RT: 22.227 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:149 Resp: 6075306

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

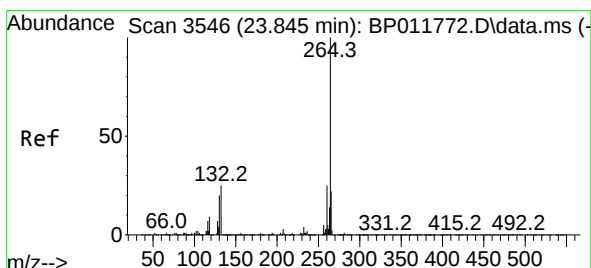
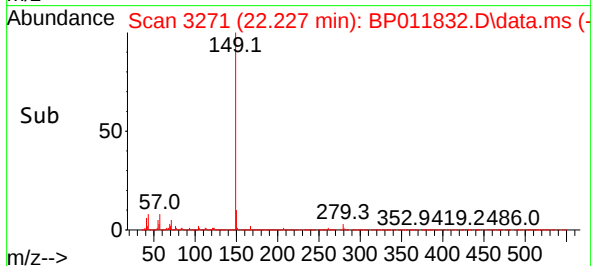
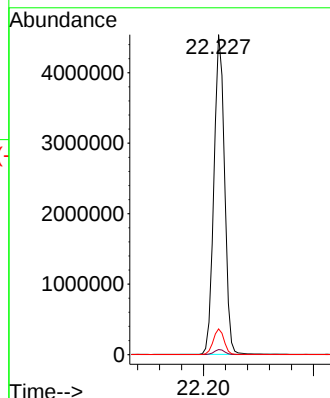
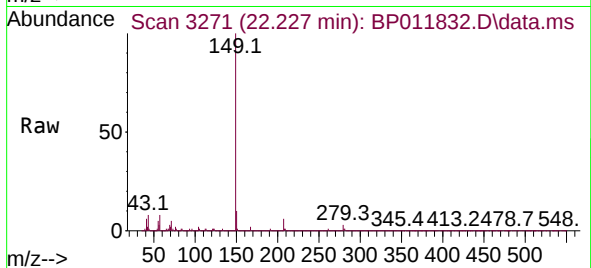
43 8.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3543

Delta R.T. -0.012 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

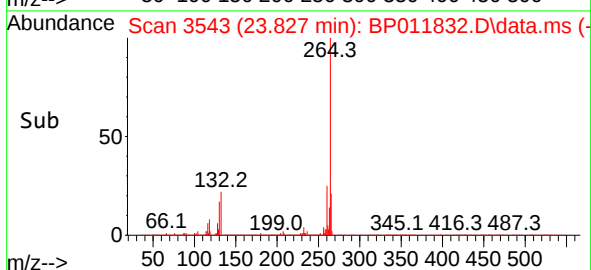
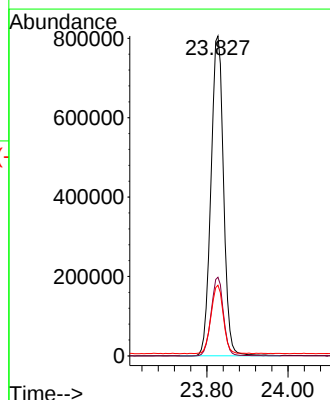
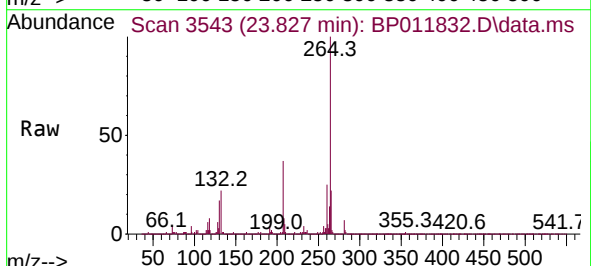
Tgt Ion:264 Resp: 1742863

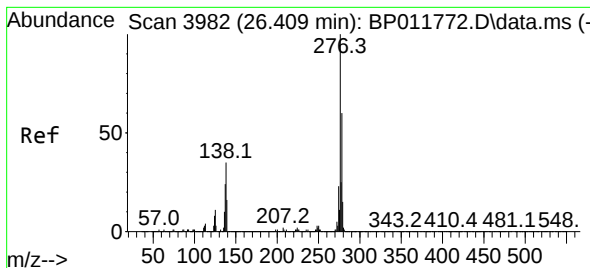
Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.377 ng

RT: 26.374 min Scan# 3982

Delta R.T. -0.029 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:276 Resp: 509726

Ion Ratio Lower Upper

276 100

138 32.3 29.7 44.5

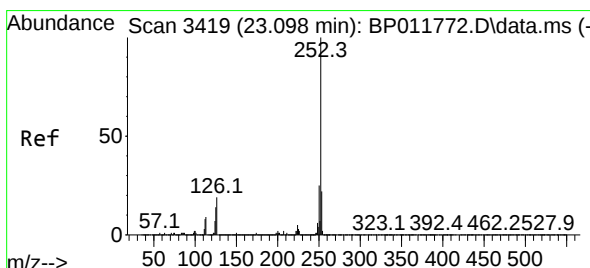
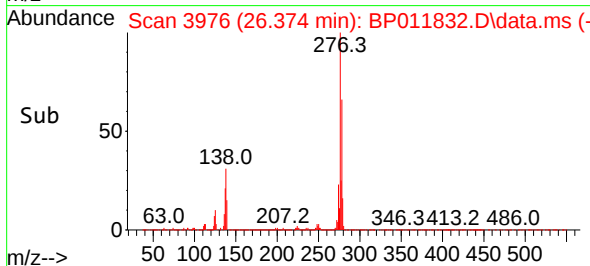
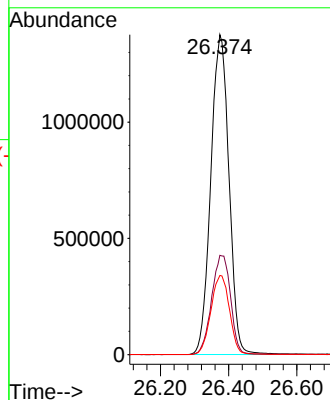
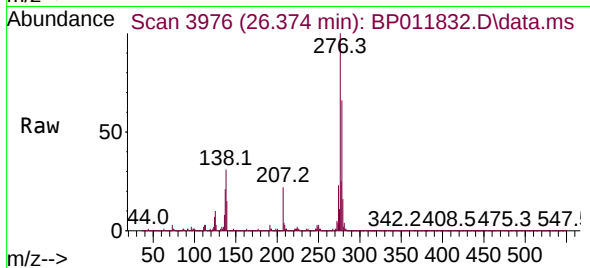
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#88

Benzo(b)fluoranthene

Concen: 48.762 ng

RT: 23.080 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

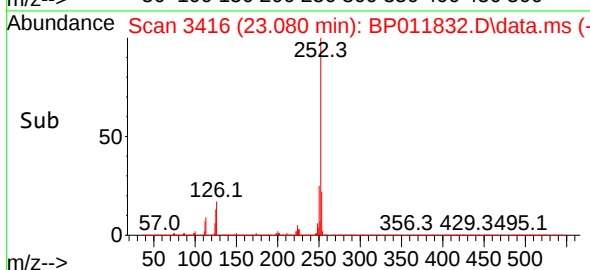
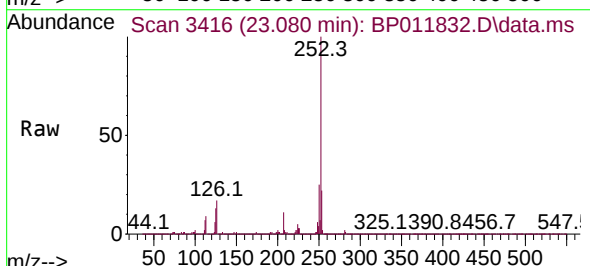
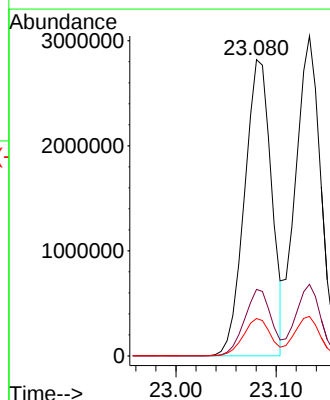
Tgt Ion:252 Resp: 5276502

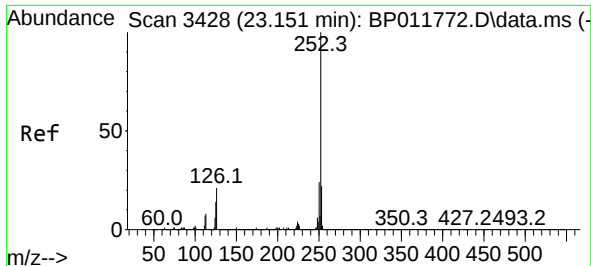
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 12.6 11.6 17.4





#89
Benzo(k)fluoranthene
Concen: 47.741 ng
RT: 23.133 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

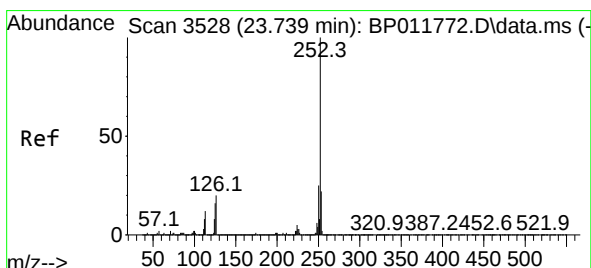
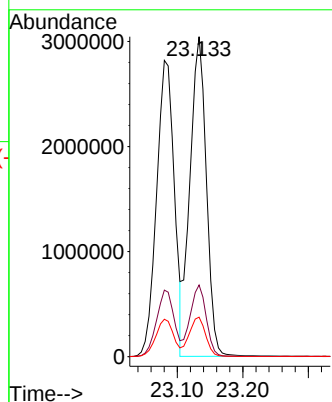
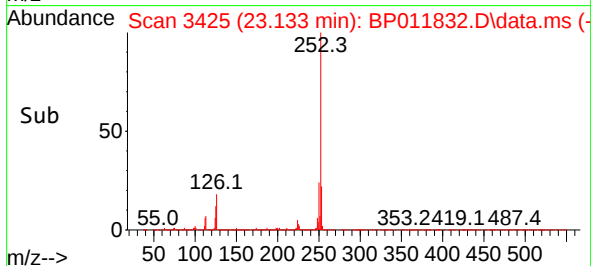
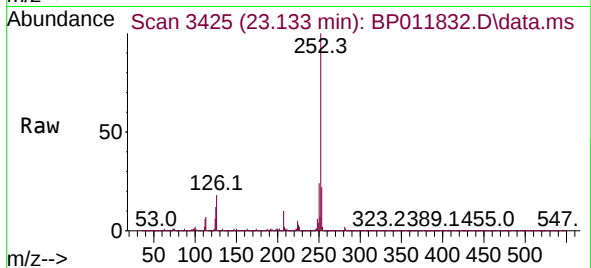
PB147971BS

Tgt Ion:252 Resp: 5293412
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.3 11.2 16.8

Manual Integrations

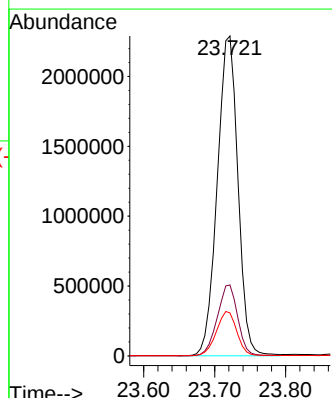
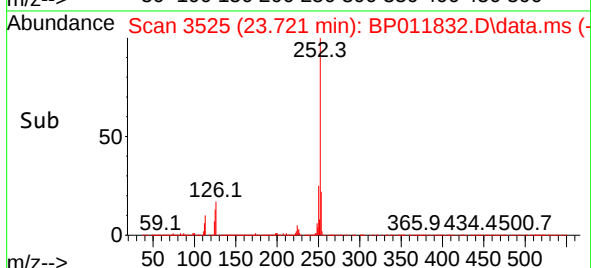
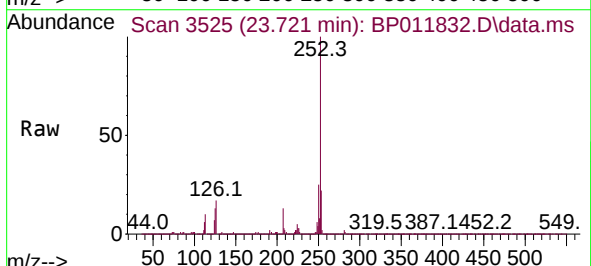
APPROVED

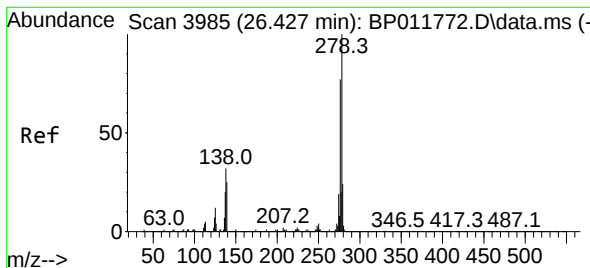
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 50.665 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BP011832.D
Acq: 28 Sep 2022 16:19

Tgt Ion:252 Resp: 4638524
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.4 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 39.639 ng

RT: 26.392 min Scan# 39

Delta R.T. -0.029 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147971BS

Tgt Ion:278 Resp: 448813

Ion Ratio Lower Upper

278 100

139 20.9 19.6 29.4

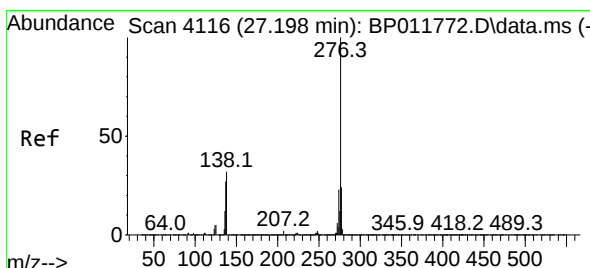
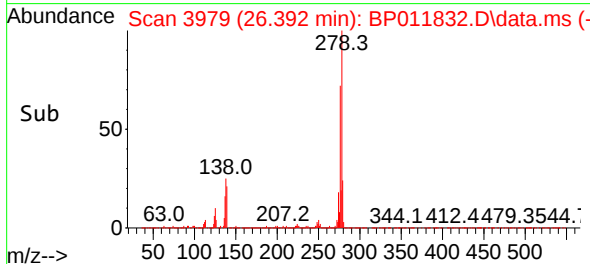
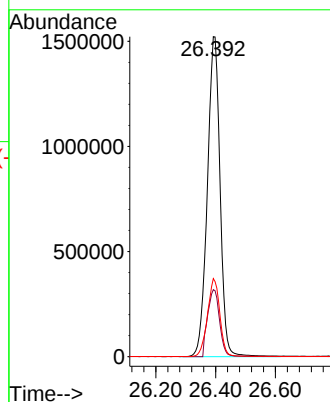
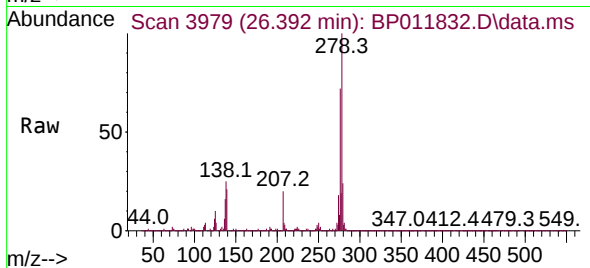
279 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#92

Benzo(g,h,i)perylene

Concen: 38.614 ng

RT: 27.157 min Scan# 4109

Delta R.T. -0.023 min

Lab File: BP011832.D

Acq: 28 Sep 2022 16:19

Tgt Ion:276 Resp: 4232273

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 27.6 25.6 38.4

