

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011785.D
 Acq On : 23 Sep 2022 16:19
 Operator : CG/JU
 Sample : PB147850BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147850BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:35:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	284095	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1361944	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	879810	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1817323	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1802745	20.000	ng	0.00
86) Perylene-d12	23.857	264	1815794	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2717991	167.866	ng	0.00
7) Phenol-d6	7.087	99	3858072	161.151	ng	0.00
23) Nitrobenzene-d5	9.087	82	2202378	84.639	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	962385	162.450	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4873327	87.594	ng	0.00
79) Terphenyl-d14	19.881	244	7272650	92.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	238903	35.093	ng	94
3) Pyridine	3.758	79	712607	33.918	ng	96
4) n-Nitrosodimethylamine	3.670	42	343549	36.976	ng	84
6) Aniline	7.246	93	1412229	47.419	ng	99
8) 2-Chlorophenol	7.481	128	1040235	52.806	ng	98
9) Benzaldehyde	7.058	77	637140m	42.538	ng	
10) Phenol	7.111	94	1442286	53.482	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	976979	45.767	ng	97
12) 1,3-Dichlorobenzene	7.811	146	943157	45.563	ng	99
13) 1,4-Dichlorobenzene	7.958	146	966863	45.582	ng	99
14) 1,2-Dichlorobenzene	8.275	146	949003	45.731	ng	99
15) Benzyl Alcohol	8.164	79	906129m	51.227	ng	
16) 2,2'-oxybis(1-Chloropr...	8.458	45	1536133	43.566	ng	98
17) 2-Methylphenol	8.369	107	942672	53.331	ng	99
18) Hexachloroethane	9.005	117	366180	45.090	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	795198	45.180	ng	97
20) 3+4-Methylphenols	8.699	107	1308808	52.737	ng	99
22) Acetophenone	8.752	105	1568277	45.841	ng	98
24) Nitrobenzene	9.134	77	1167929	43.441	ng	97
25) Isophorone	9.663	82	2310126	47.323	ng	100
26) 2-Nitrophenol	9.846	139	508528	46.916	ng	96
27) 2,4-Dimethylphenol	9.905	122	1038671	60.245	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	1443524	50.742	ng	99
29) 2,4-Dichlorophenol	10.381	162	1006386	54.556	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	847812	44.138	ng	99
31) Naphthalene	10.787	128	3162143	43.794	ng	100
32) Benzoic acid	10.052	122	719335	48.625	ng	98
33) 4-Chloroaniline	10.893	127	1006044	33.419	ng	99
34) Hexachlorobutadiene	11.069	225	429662	44.350	ng	99
35) Caprolactam	11.699	113	390457m	52.081	ng	
36) 4-Chloro-3-methylphenol	12.016	107	1199996	53.599	ng	98
37) 2-Methylnaphthalene	12.393	142	2290462	45.935	ng	99
38) 1-Methylnaphthalene	12.610	142	2206400	44.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	961375	48.486	ng	99
41) Hexachlorocyclopentadiene	12.740	237	1174081	120.737	ng	98
43) 2,4,6-Trichlorophenol	12.999	196	735376	51.236	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011785.D
 Acq On : 23 Sep 2022 16:19
 Operator : CG/JU
 Sample : PB147850BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147850BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:35:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	837472	50.765	ng	99
46) 1,1'-Biphenyl	13.399	154	3020303	47.249	ng	99
47) 2-Chloronaphthalene	13.446	162	2248096	45.341	ng	100
48) 2-Nitroaniline	13.651	65	839529	47.490	ng	94
49) Acenaphthylene	14.293	152	3803902	46.220	ng	100
50) Dimethylphthalate	14.028	163	2956127	45.825	ng	100
51) 2,6-Dinitrotoluene	14.146	165	651679	48.929	ng	98
52) Acenaphthene	14.634	154	2252969	44.636	ng	99
53) 3-Nitroaniline	14.475	138	661721	40.565	ng	99
54) 2,4-Dinitrophenol	14.681	184	741045	103.217	ng	94
55) Dibenzofuran	14.969	168	3511792	45.393	ng	99
56) 4-Nitrophenol	14.787	139	1467875	108.358	ng	93
57) 2,4-Dinitrotoluene	14.934	165	926863	46.912	ng	92
58) Fluorene	15.616	166	2990368	45.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	643728m	47.792	ng	
60) Diethylphthalate	15.393	149	3095850	45.962	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	1304048	47.521	ng	99
62) 4-Nitroaniline	15.645	138	834010	43.940	ng	97
63) Azobenzene	15.904	77	3251051	44.080	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	422306	46.103	ng	98
66) n-Nitrosodiphenylamine	15.828	169	2558892	47.256	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	716791	48.095	ng	97
68) Hexachlorobenzene	16.622	284	750992	47.425	ng	96
69) Atrazine	16.787	200	859388	54.806	ng	99
70) Pentachlorophenol	16.969	266	1070366	93.189	ng	99
71) Phenanthrene	17.369	178	4678082	45.640	ng	100
72) Anthracene	17.457	178	4720778	48.154	ng	99
73) Carbazole	17.728	167	4709291	49.048	ng	100
74) Di-n-butylphthalate	18.281	149	5598372	48.407	ng	100
75) Fluoranthene	19.328	202	5339297	47.916	ng	100
77) Benzidine	19.510	184	4391663	125.520	ng	100
78) Pyrene	19.681	202	5579475	46.318	ng	99
80) Butylbenzylphthalate	20.551	149	2587120	44.369	ng	98
81) Benzo(a)anthracene	21.392	228	5482410	46.092	ng	100
82) 3,3'-Dichlorobenzidine	21.328	252	1532252	44.171	ng	98
83) Chrysene	21.445	228	5098502	45.238	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	3911440	45.509	ng	99
85) Di-n-octyl phthalate	22.257	149	6596345	47.993	ng	98
87) Indeno(1,2,3-cd)pyrene	26.433	276	6316707	44.458	ng	100
88) Benzo(b)fluoranthene	23.110	252	5562550	49.341	ng	99
89) Benzo(k)fluoranthene	23.163	252	5626402	48.706	ng	100
90) Benzo(a)pyrene	23.757	252	4986984	52.284	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	5513173	46.736	ng	98
92) Benzo(g,h,i)perylene	27.221	276	5319330	46.582	ng	98

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

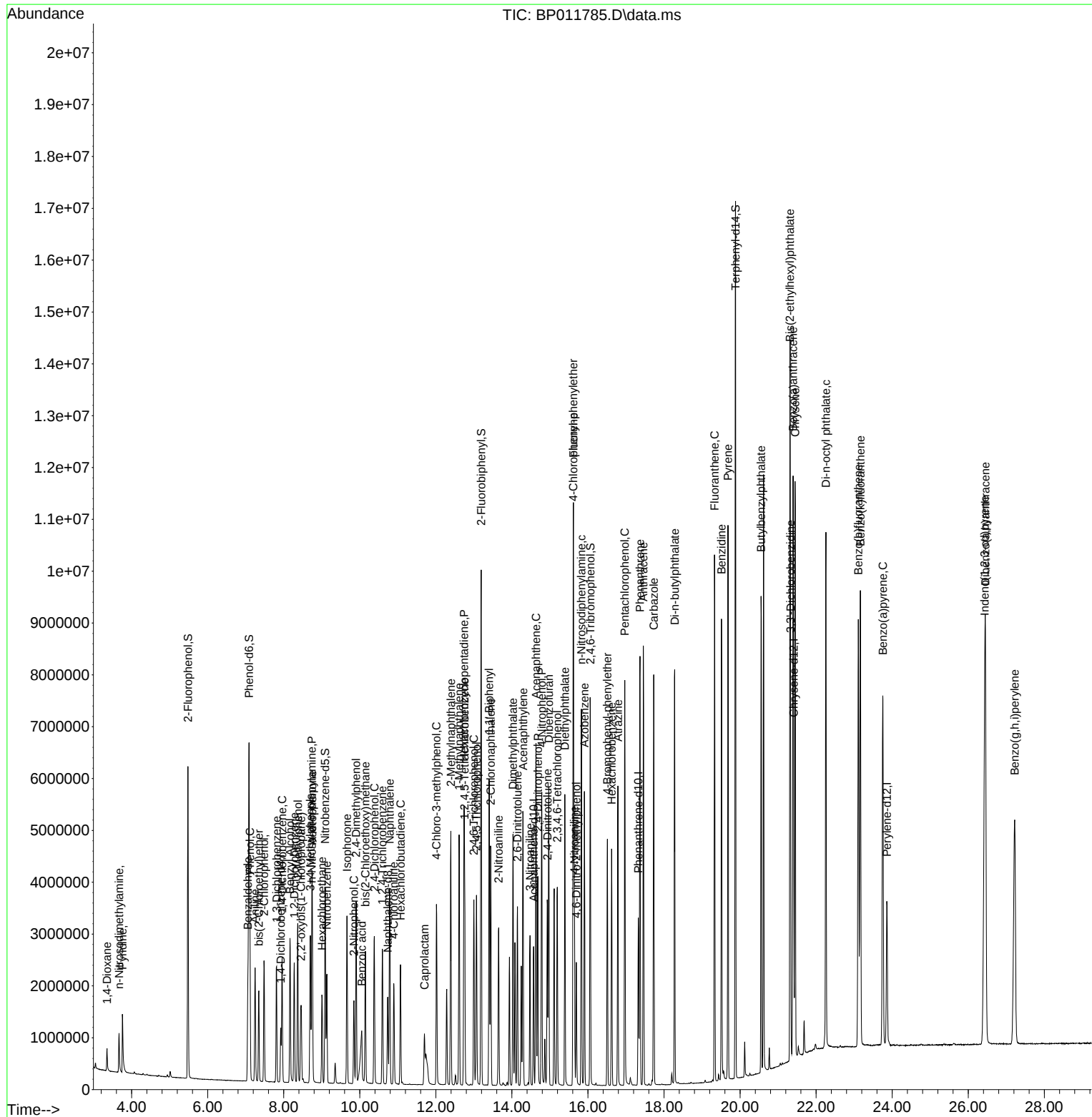
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011785.D
 Acq On : 23 Sep 2022 16:19
 Operator : CG/JU
 Sample : PB147850BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

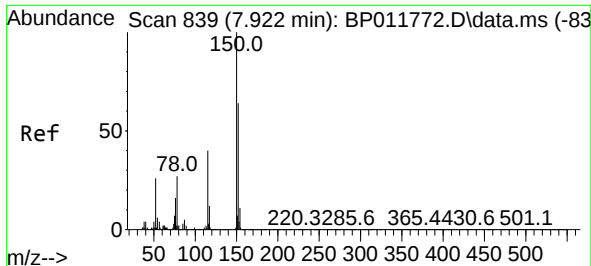
Instrument :
 BNA_P
 ClientSampleId :
 PB147850BSD

Quant Time: Sep 24 01:35:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

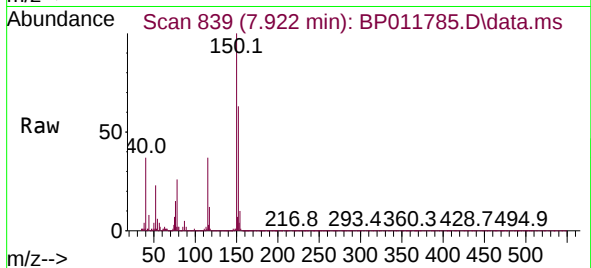
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 839
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

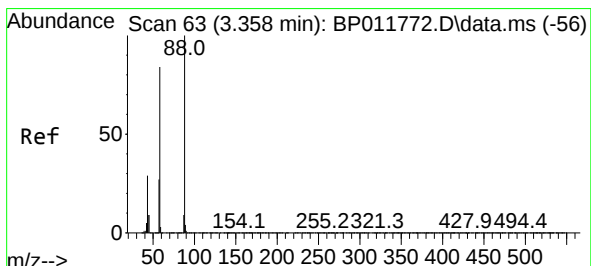
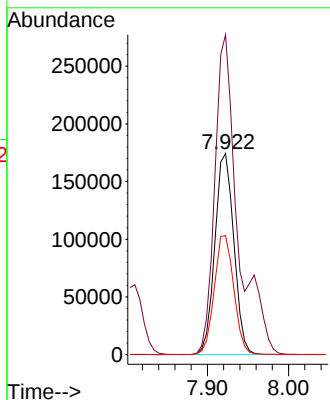
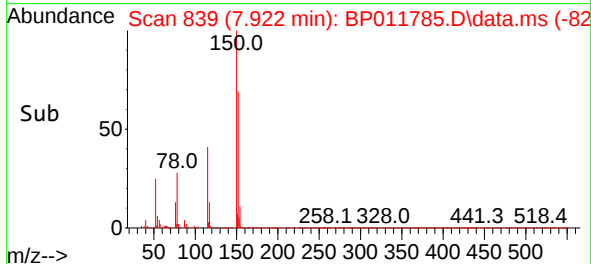
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



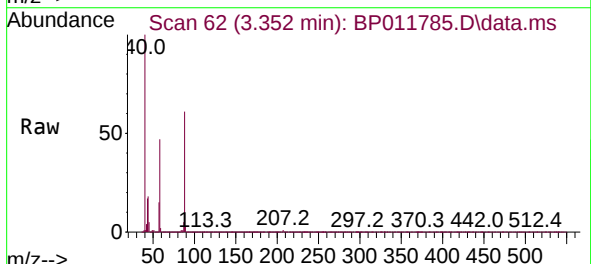
Tgt Ion: 152 Resp: 284095
Ion Ratio Lower Upper
152 100
150 159.1 124.2 186.4
115 59.1 50.0 75.0

Manual Integrations
APPROVED

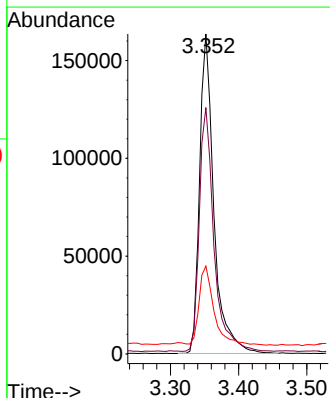
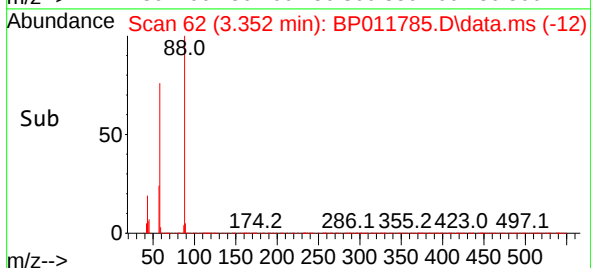
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

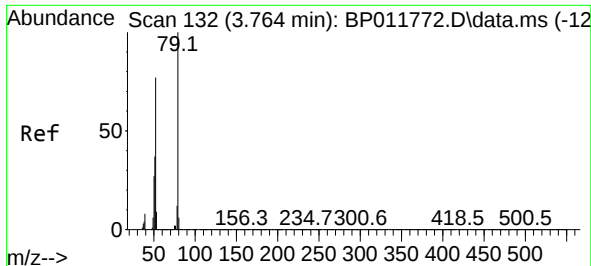


#2
1,4-Dioxane
Concen: 35.093 ng
RT: 3.352 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion: 88 Resp: 238903
Ion Ratio Lower Upper
88 100
58 78.0 66.6 99.8
43 25.7 23.2 34.8





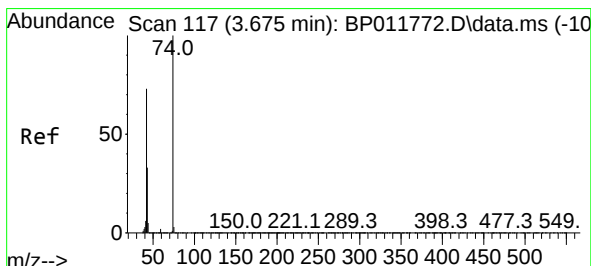
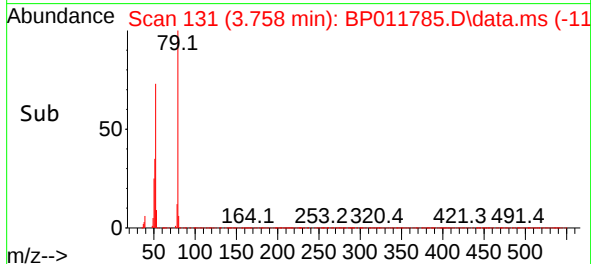
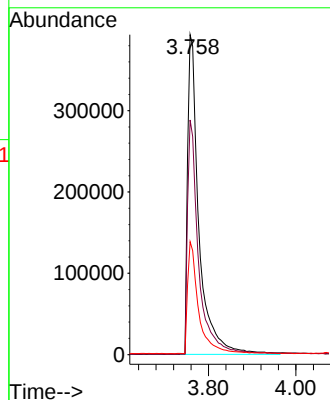
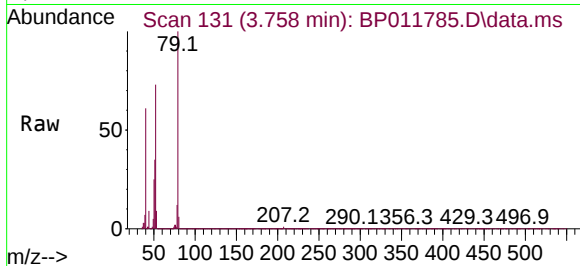
#3
Pyridine
Concen: 33.918 ng
RT: 3.758 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion: 79 Resp: 712607
Ion Ratio Lower Upper
79 100
52 73.3 61.9 92.9
51 35.3 29.9 44.9

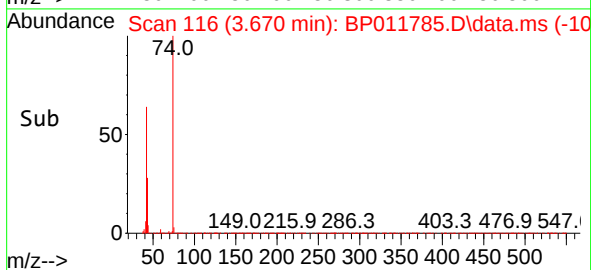
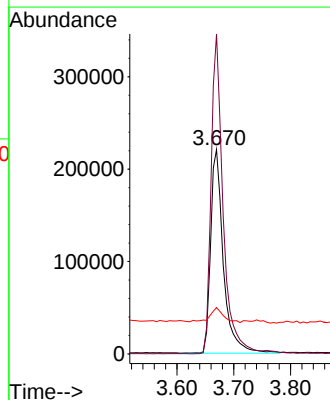
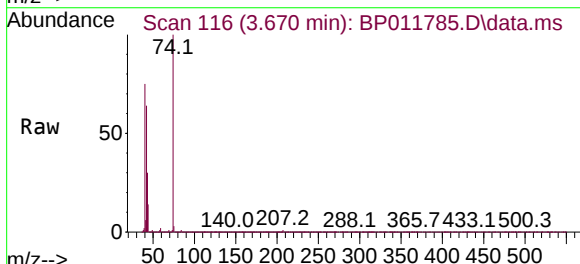
Manual Integrations
APPROVED

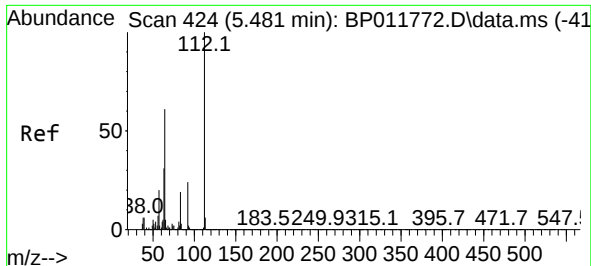
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#4
n-Nitrosodimethylamine
Concen: 36.976 ng
RT: 3.670 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion: 42 Resp: 343549
Ion Ratio Lower Upper
42 100
74 156.5 109.0 163.6
44 22.7 15.4 23.2





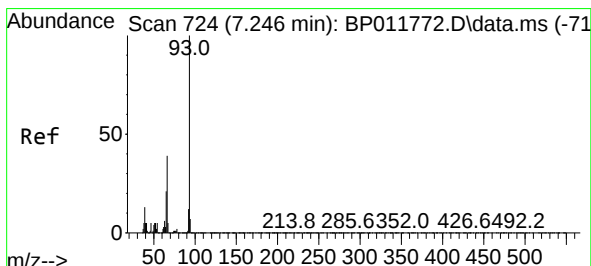
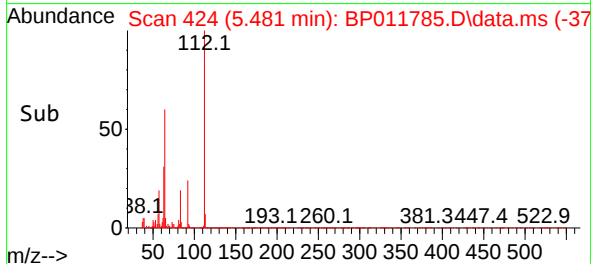
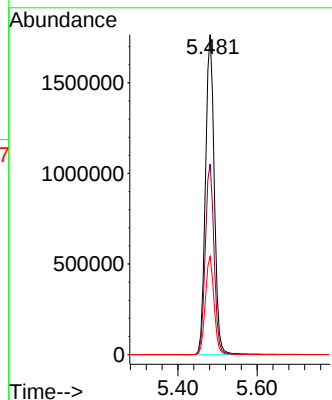
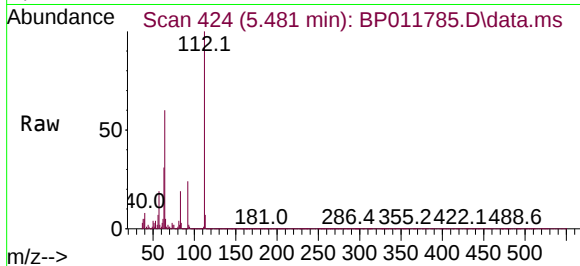
#5
2-Fluorophenol
Concen: 167.866 ng
RT: 5.481 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:112 Resp: 271799
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 30.7 25.2 37.8

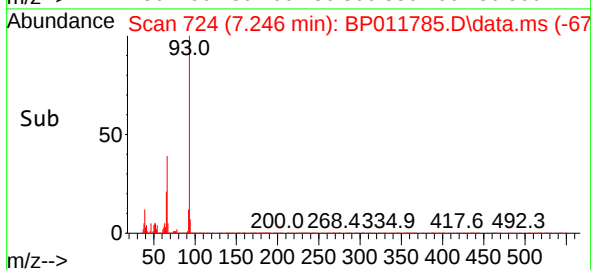
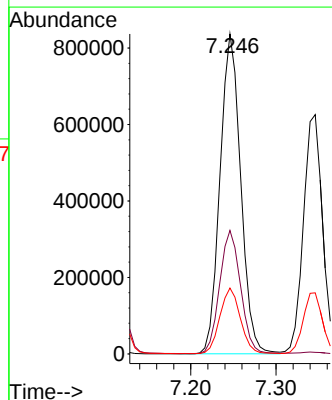
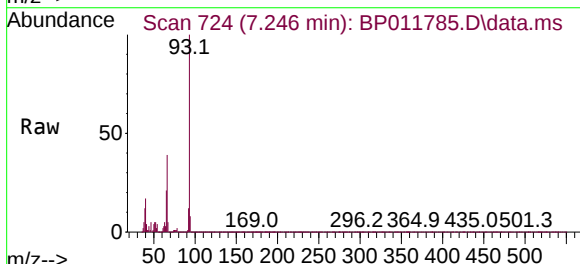
Manual Integrations
APPROVED

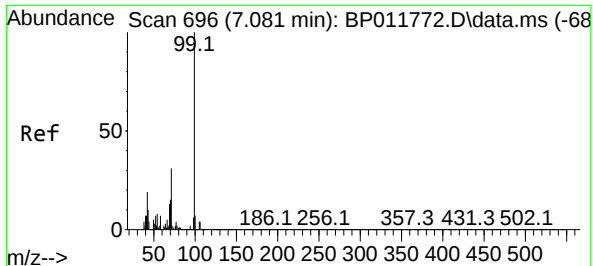
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#6
Aniline
Concen: 47.419 ng
RT: 7.246 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

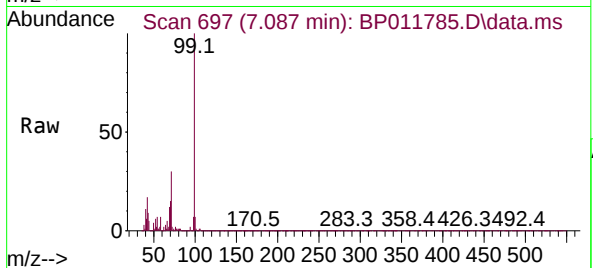
Tgt Ion: 93 Resp: 1412229
Ion Ratio Lower Upper
93 100
66 38.6 31.3 46.9
65 20.6 16.9 25.3





#7
Phenol-d6
Concen: 161.151 ng
RT: 7.087 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

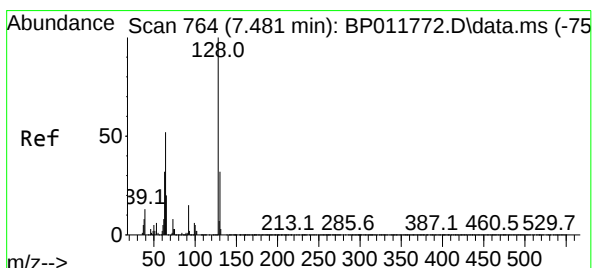
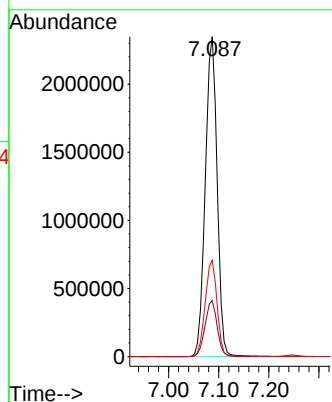
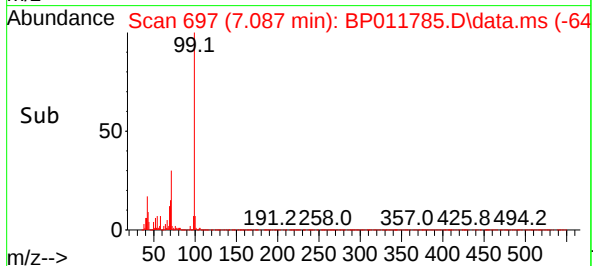
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion: 99 Resp: 3858072
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.2
71 30.1 24.7 37.1

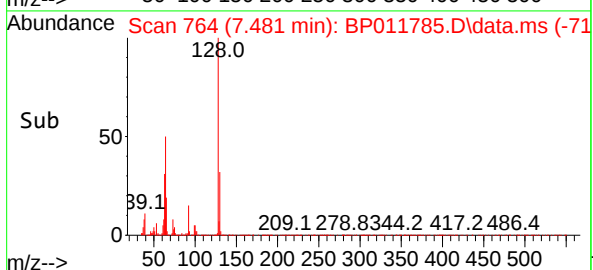
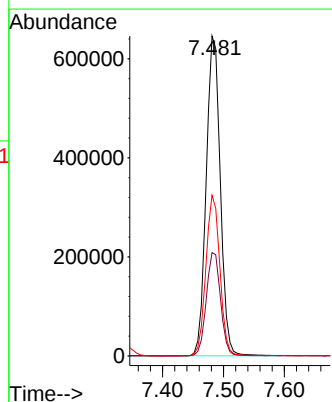
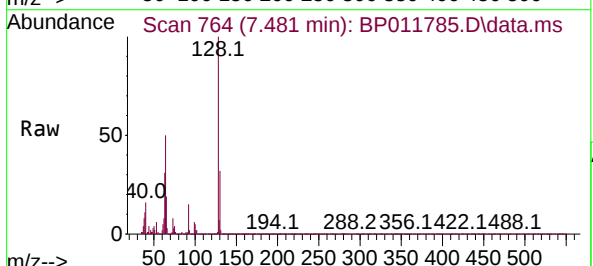
Manual Integrations
APPROVED

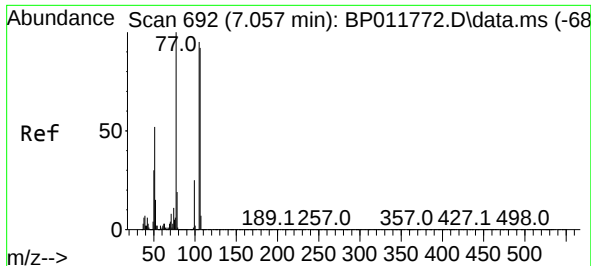
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#8
2-Chlorophenol
Concen: 52.806 ng
RT: 7.481 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:128 Resp: 1040235
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 50.2 32.6 72.6





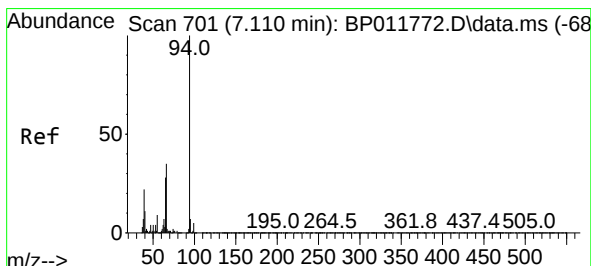
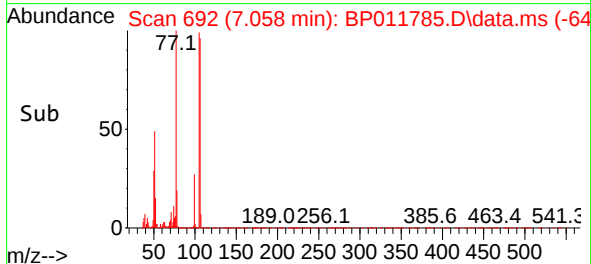
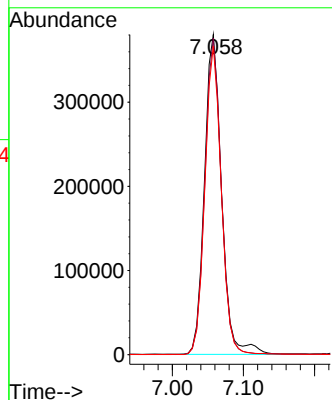
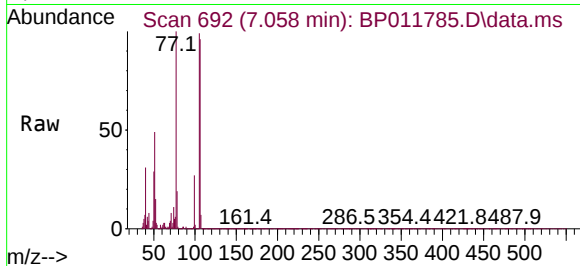
#9
Benzaldehyde
Concen: 42.538 ng m
RT: 7.058 min Scan# 692
Delta R.T. 0.001 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion: 77 Resp: 637140
Ion Ratio Lower Upper
77 100
105 98.9 75.4 115.4
106 96.4 71.6 111.6

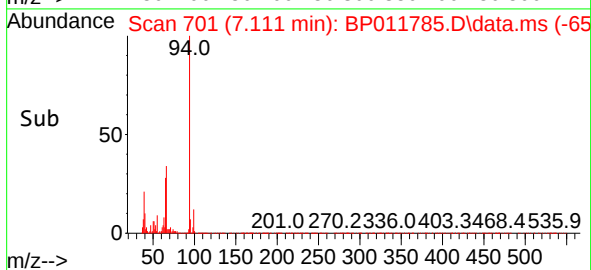
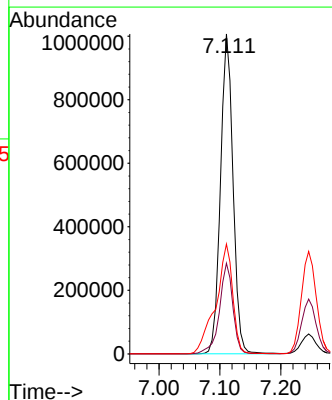
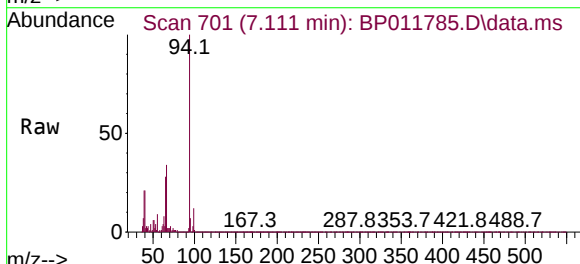
Manual Integrations
APPROVED

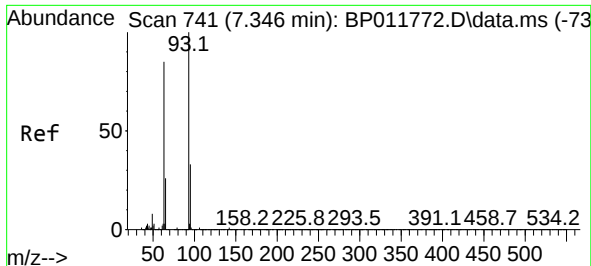
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#10
Phenol
Concen: 53.482 ng
RT: 7.111 min Scan# 701
Delta R.T. 0.001 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

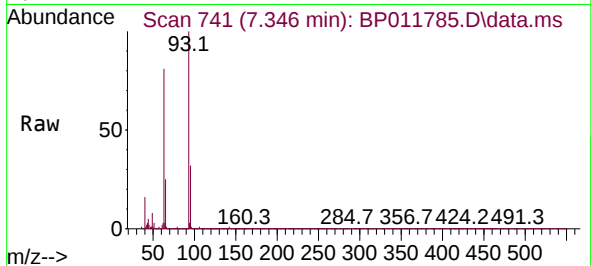
Tgt Ion: 94 Resp: 1442286
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 34.3 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 45.767 ng
RT: 7.346 min Scan# 741
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

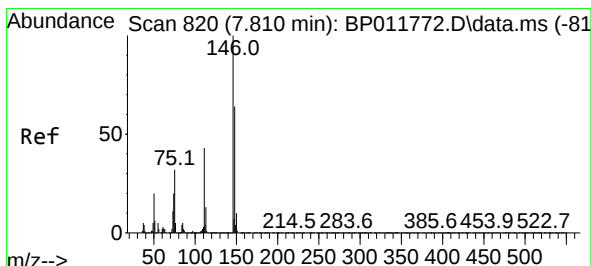
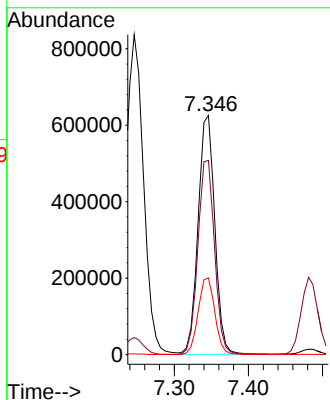
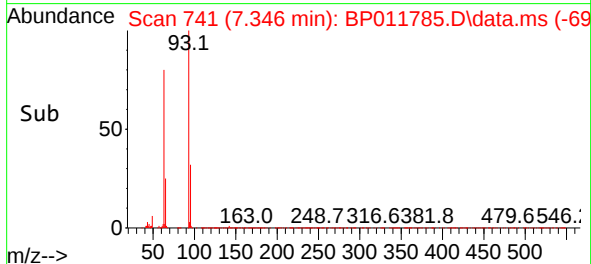
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



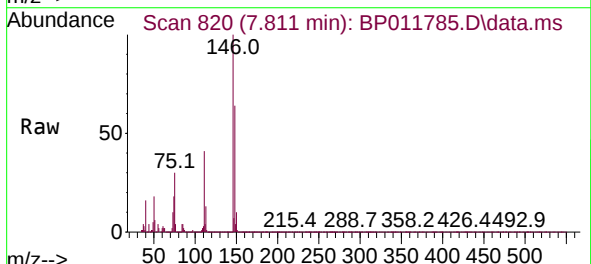
Tgt Ion: 93 Resp: 976979
Ion Ratio Lower Upper
93 100
63 81.1 64.4 104.4
95 32.1 12.7 52.7

Manual Integrations
APPROVED

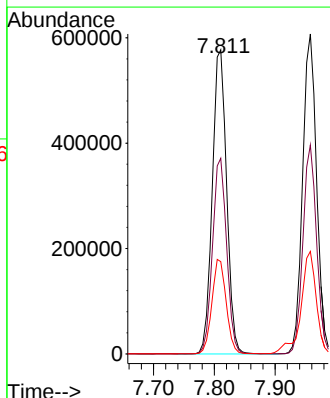
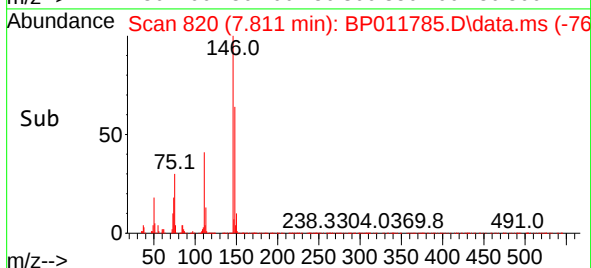
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

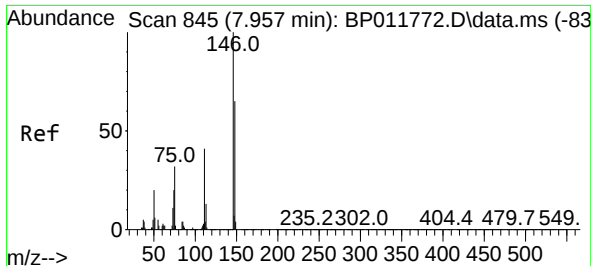


#12
1,3-Dichlorobenzene
Concen: 45.563 ng
RT: 7.811 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



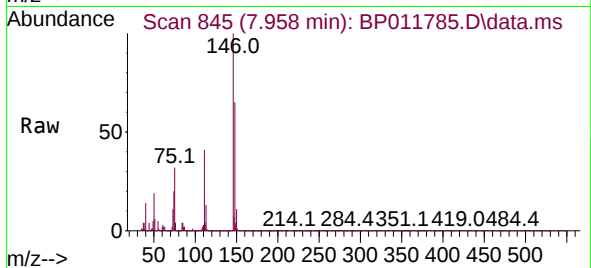
Tgt Ion:146 Resp: 943157
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 30.3 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 45.582 ng
RT: 7.958 min Scan# 845
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

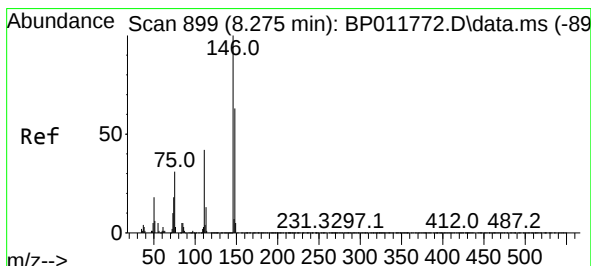
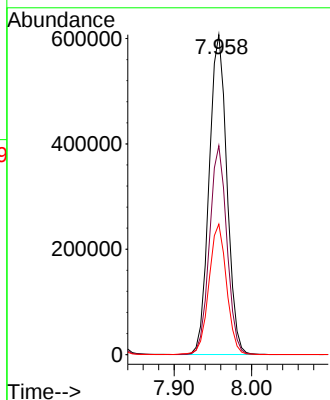
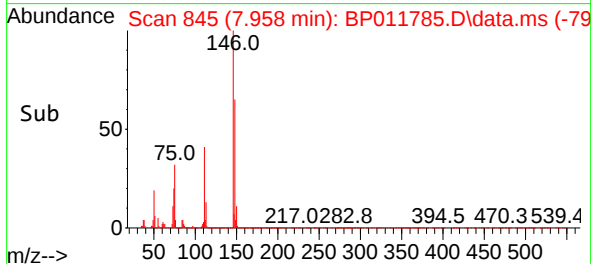
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



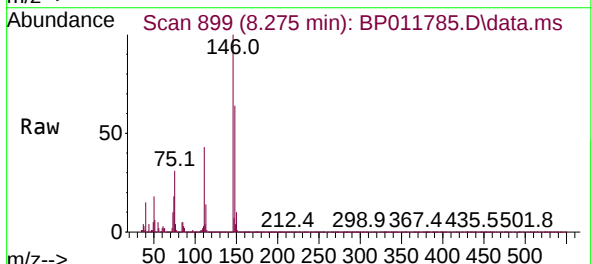
Tgt Ion:146 Resp: 966863
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 40.8 32.6 48.8

Manual Integrations
APPROVED

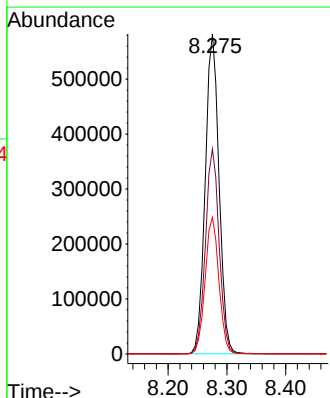
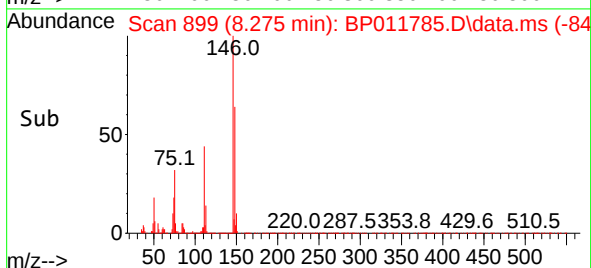
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

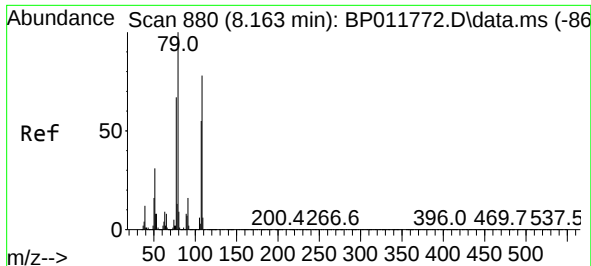


#14
1,2-Dichlorobenzene
Concen: 45.731 ng
RT: 8.275 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



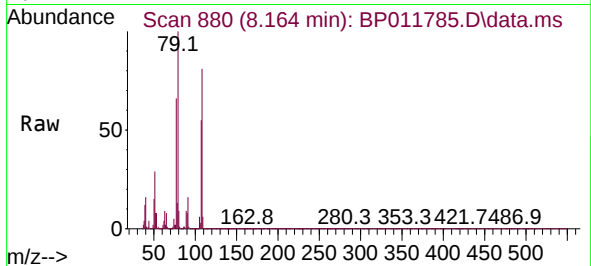
Tgt Ion:146 Resp: 949003
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 42.7 34.0 51.0





#15
Benzyl Alcohol
Concen: 51.227 ng m
RT: 8.164 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

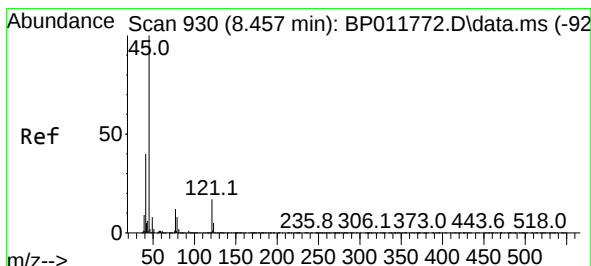
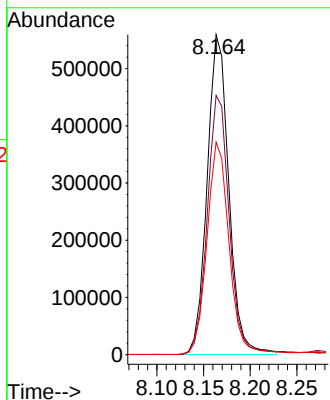
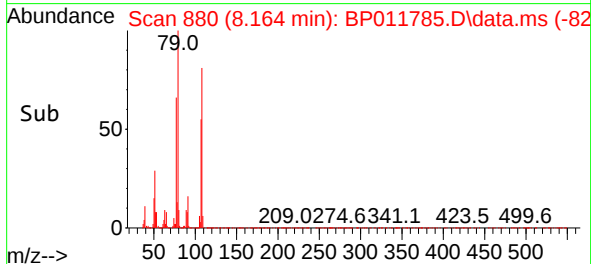
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



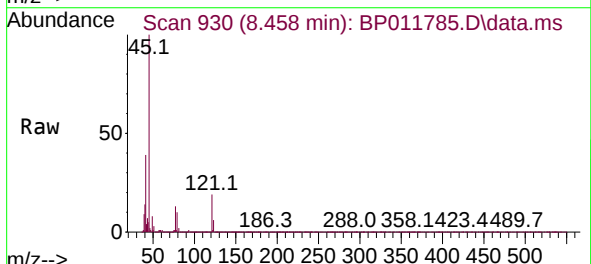
Tgt Ion: 79 Resp: 906129
Ion Ratio Lower Upper
79 100
108 81.0 62.7 94.1
77 66.4 53.8 80.6

Manual Integrations
APPROVED

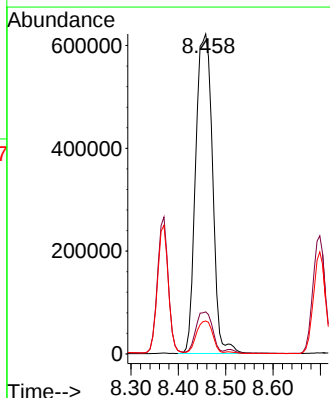
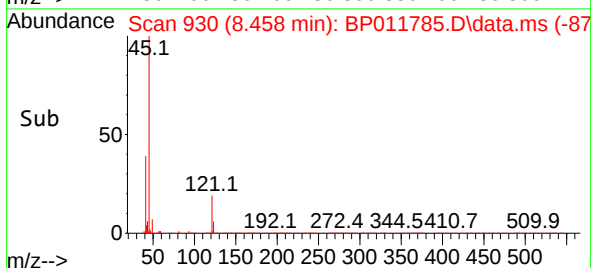
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

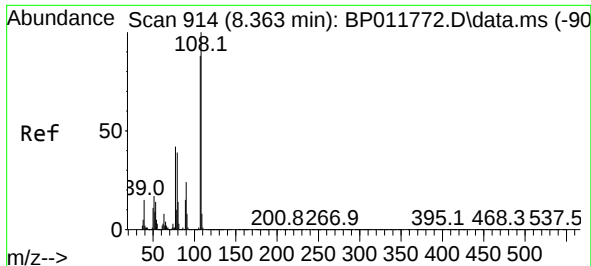


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.566 ng
RT: 8.458 min Scan# 930
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion: 45 Resp: 1536133
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.6
79 10.3 0.0 29.0





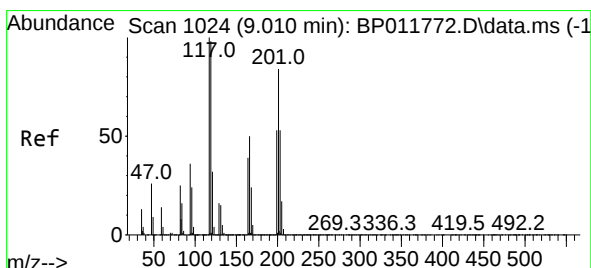
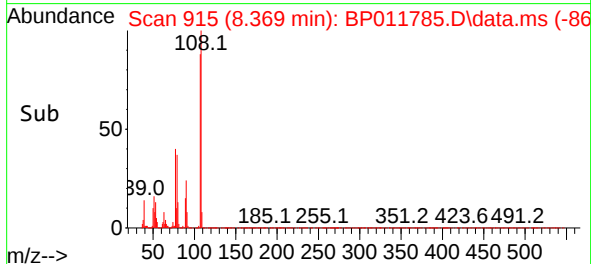
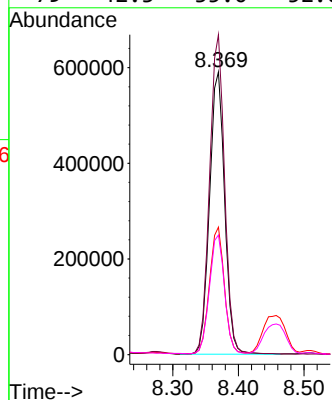
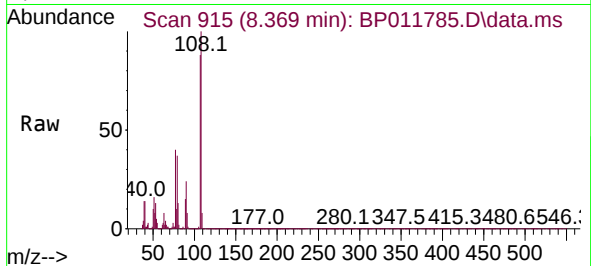
#17
2-Methylphenol
Concen: 53.331 ng
RT: 8.369 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:	107	Resp:	942672
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.6	136.0
77	45.1	38.0	57.0
79	42.3	35.0	52.6

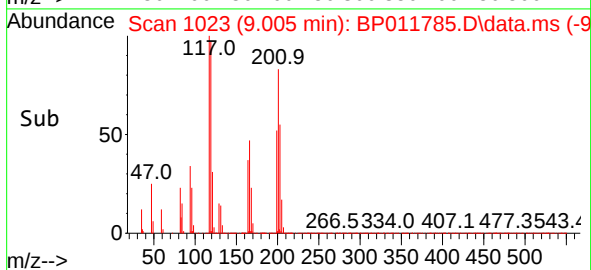
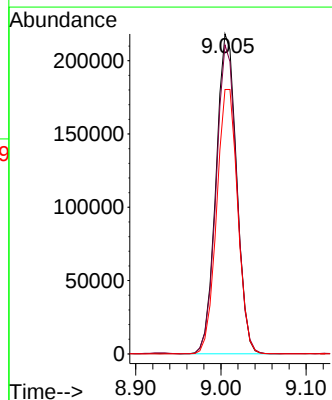
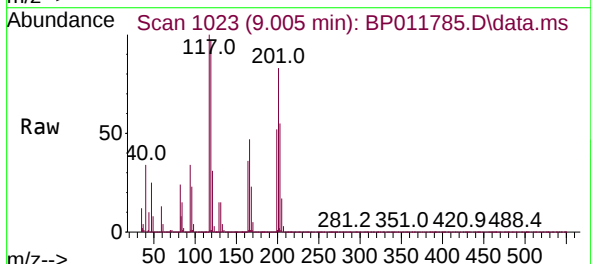
Manual Integrations
APPROVED

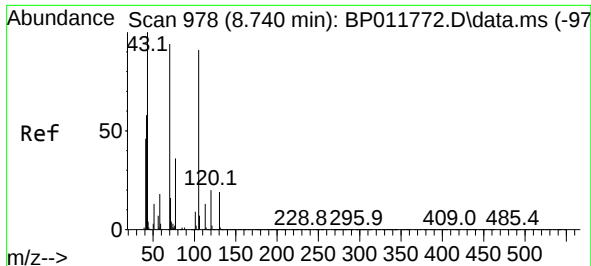
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#18
Hexachloroethane
Concen: 45.090 ng
RT: 9.005 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:	117	Resp:	366180
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.8	118.2
201	82.6	67.4	101.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.180 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion: 70 Resp: 795198

Ion Ratio Lower Upper

70 100

42 59.8 50.1 75.1

101 9.1 7.6 11.4

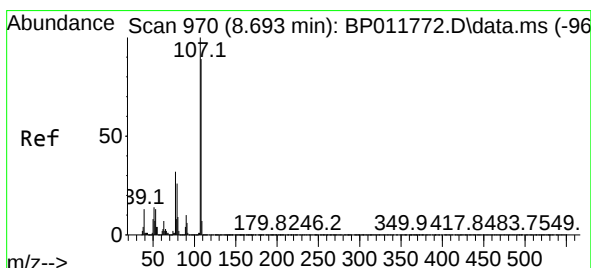
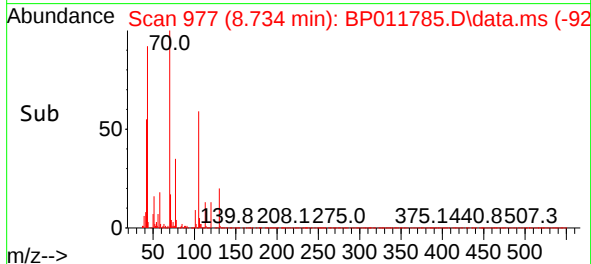
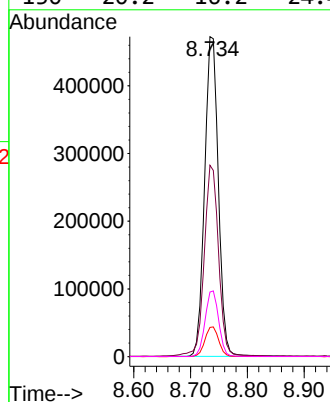
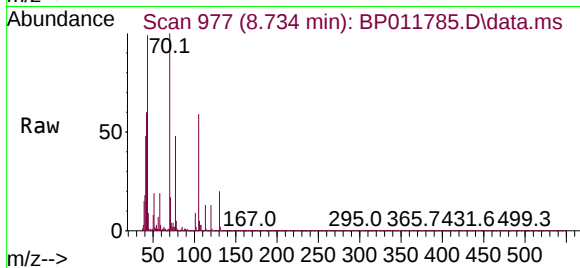
130 20.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#20

3+4-Methylphenols

Concen: 52.737 ng

RT: 8.699 min Scan# 971

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Tgt Ion:107 Resp: 1308808

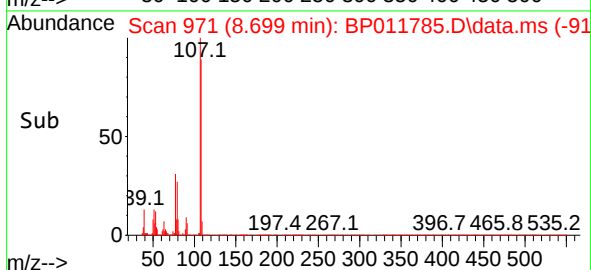
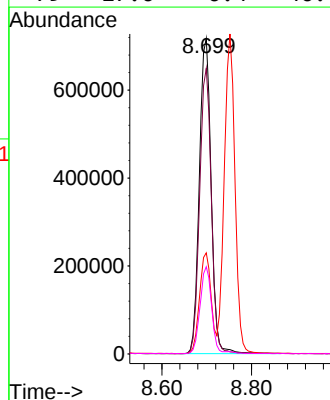
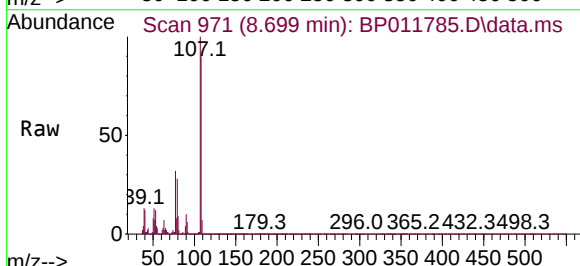
Ion Ratio Lower Upper

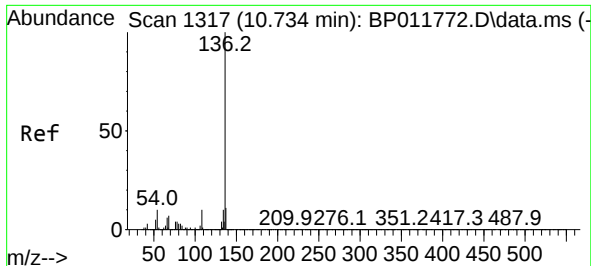
107 100

108 90.5 69.2 109.2

77 32.0 12.5 52.5

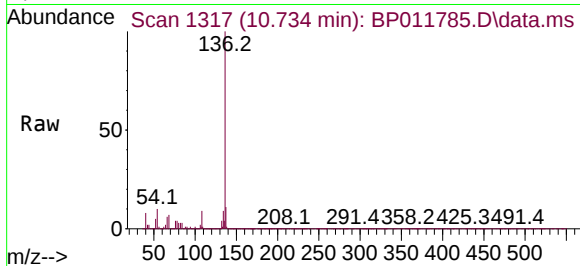
79 27.6 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

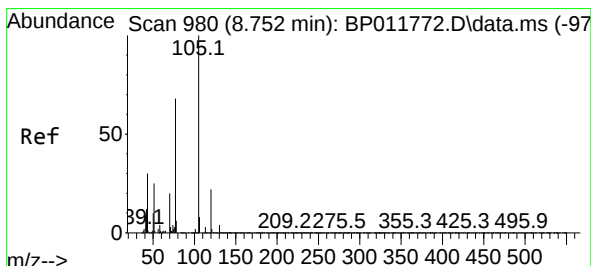
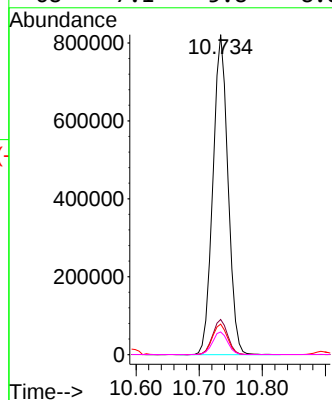
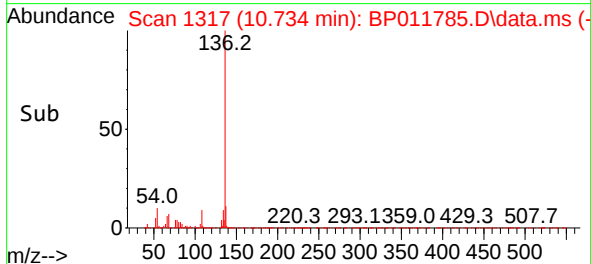
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



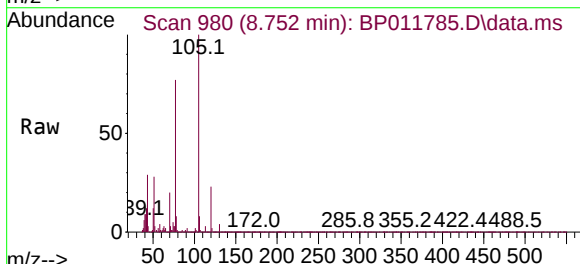
Tgt Ion:136 Resp: 1361944
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 8.2 12.4
68 7.1 5.8 8.8

Manual Integrations
APPROVED

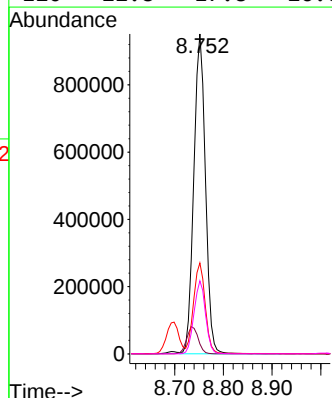
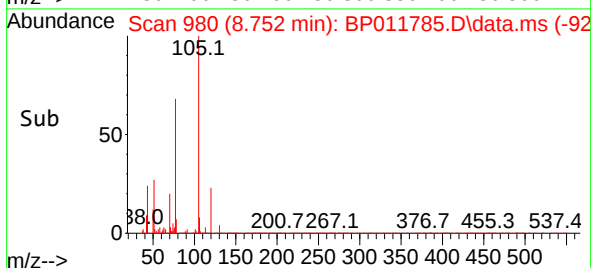
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

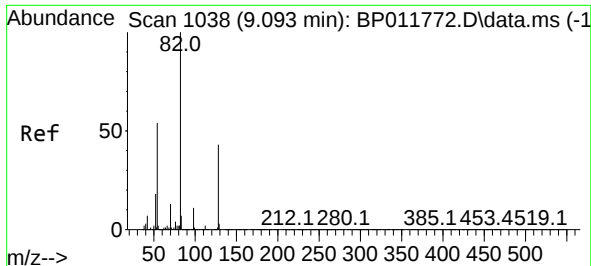


#22
Acetophenone
Concen: 45.841 ng
RT: 8.752 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



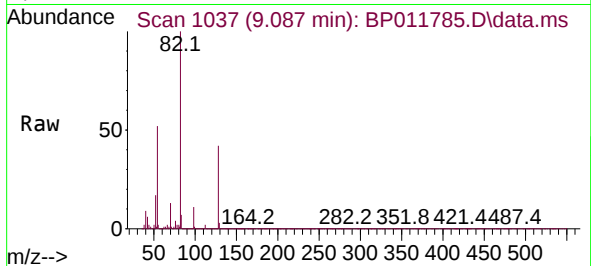
Tgt Ion:105 Resp: 1568277
Ion Ratio Lower Upper
105 100
71 3.1 2.7 4.1
51 28.4 23.6 35.4
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 84.639 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

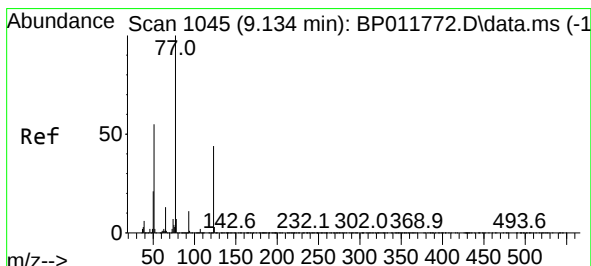
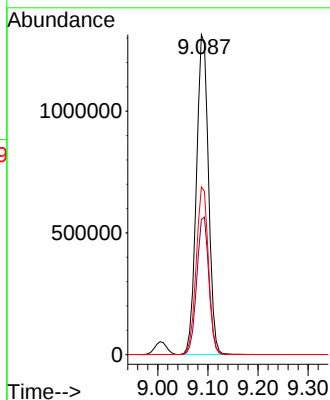
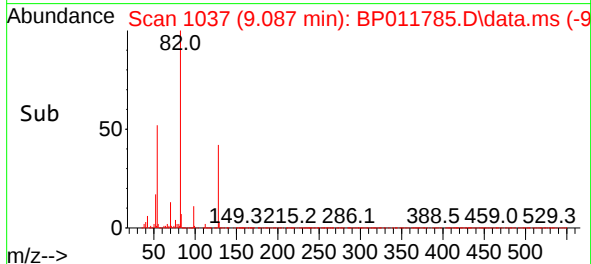
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion: 82 Resp: 2202378
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.4
54 52.4 43.1 64.7

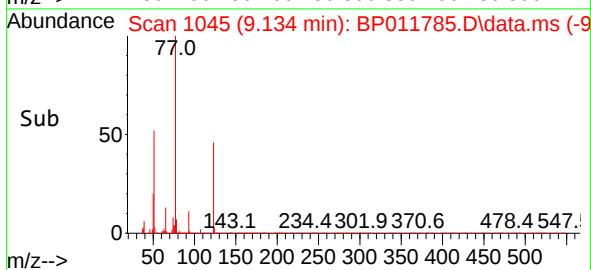
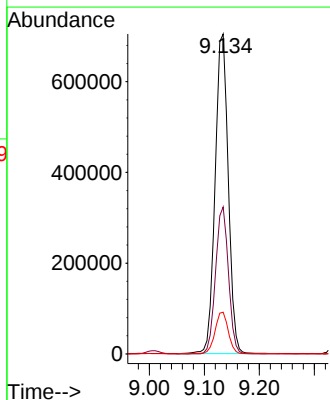
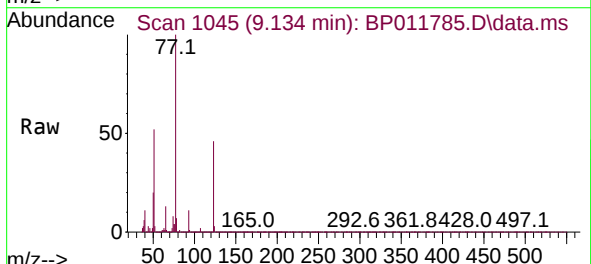
Manual Integrations
APPROVED

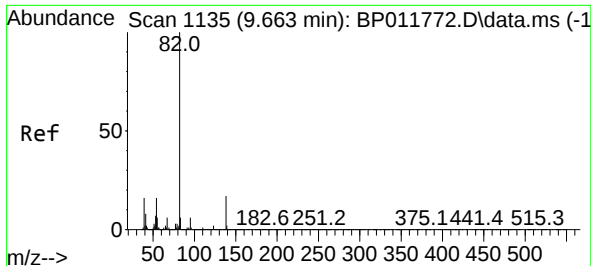
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#24
Nitrobenzene
Concen: 43.441 ng
RT: 9.134 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

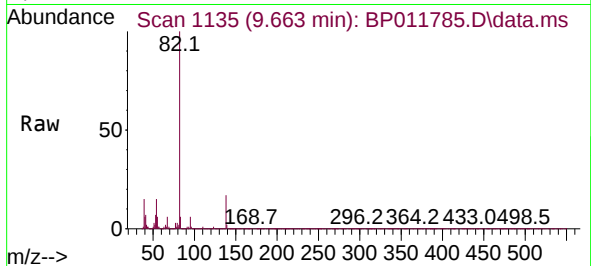
Tgt Ion: 77 Resp: 1167929
Ion Ratio Lower Upper
77 100
123 45.9 35.0 52.4
65 13.0 10.7 16.1





#25
Isophorone
Concen: 47.323 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

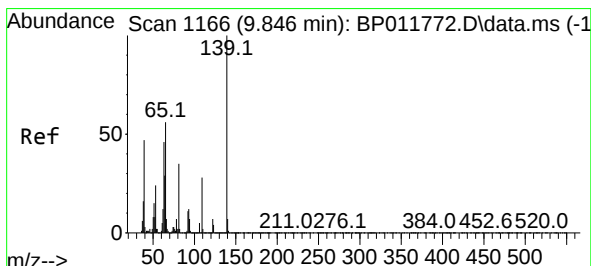
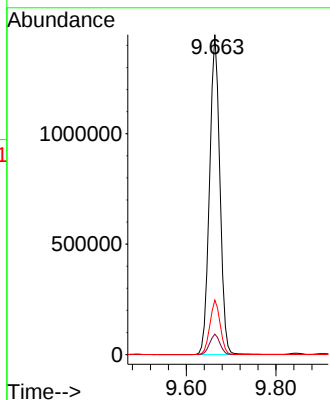
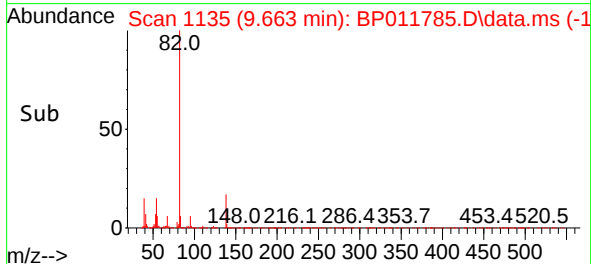
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion: 82 Resp: 2310126
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 17.0 13.6 20.4

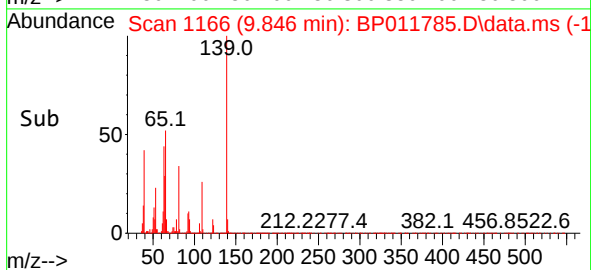
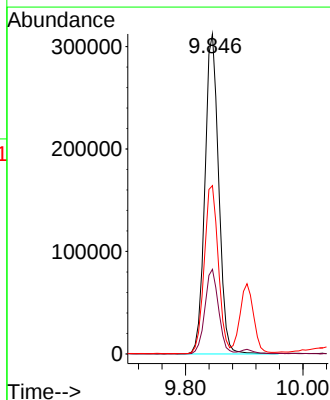
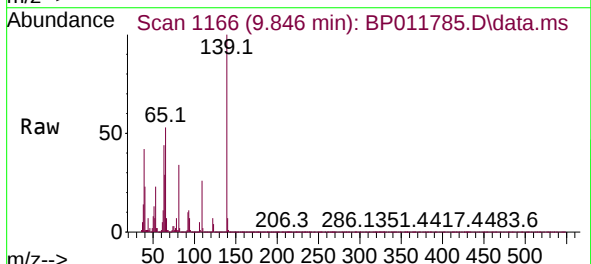
Manual Integrations
APPROVED

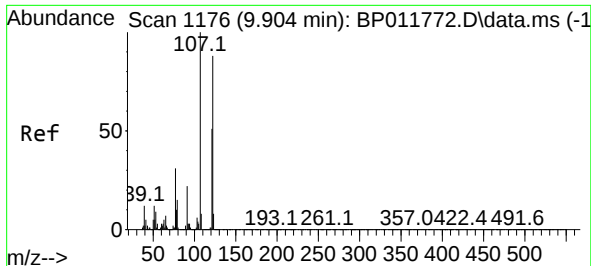
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#26
2-Nitrophenol
Concen: 46.916 ng
RT: 9.846 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:139 Resp: 508528
Ion Ratio Lower Upper
139 100
109 26.4 22.6 34.0
65 52.6 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 60.245 ng

RT: 9.905 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BP011785.D

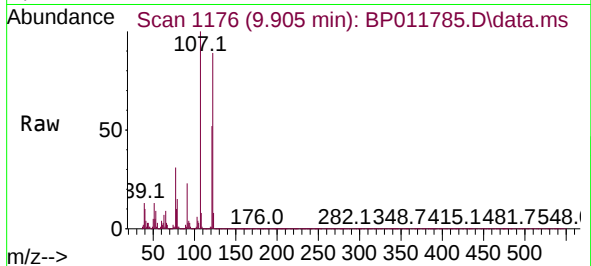
Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD



Tgt Ion:122 Resp: 103867

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

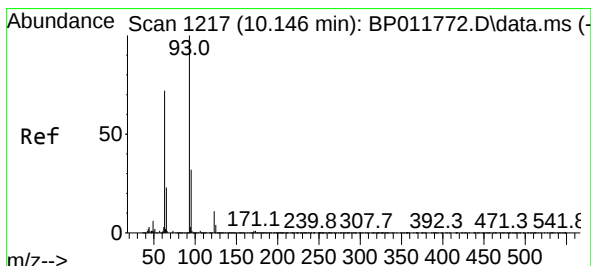
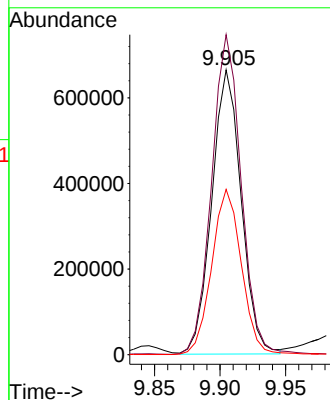
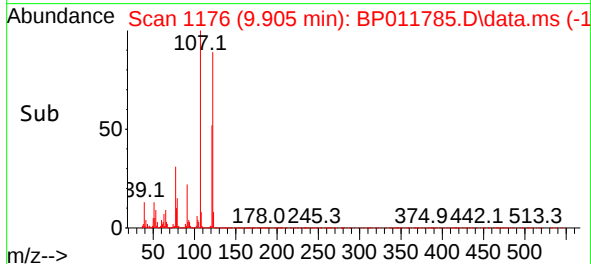
121 58.0 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.742 ng

RT: 10.146 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

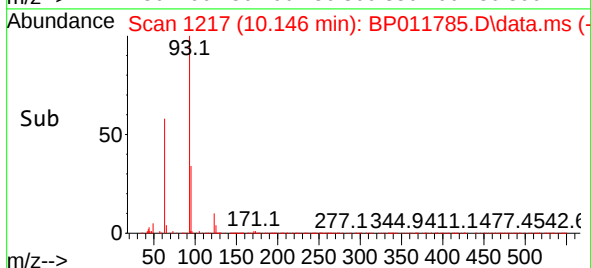
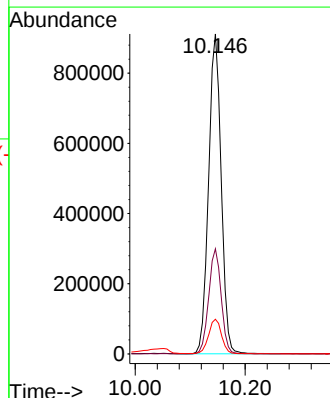
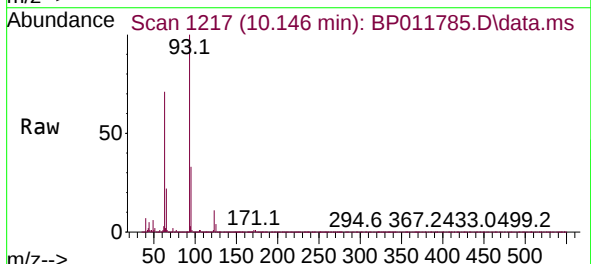
Tgt Ion: 93 Resp: 1443524

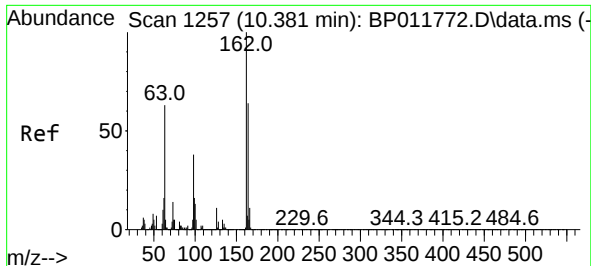
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.556 ng

RT: 10.381 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:162 Resp: 1006386

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

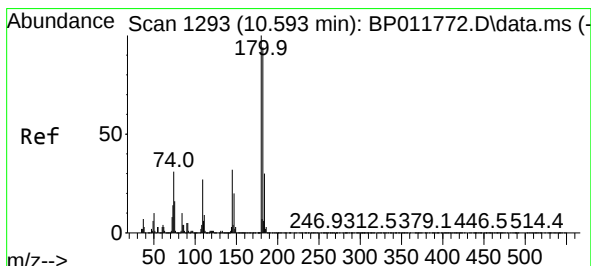
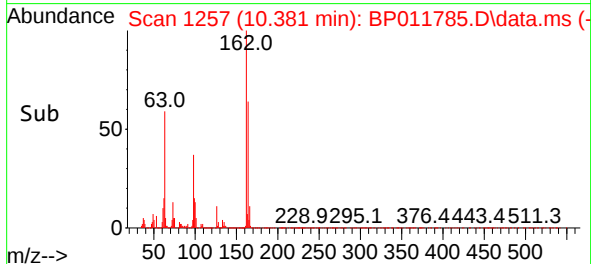
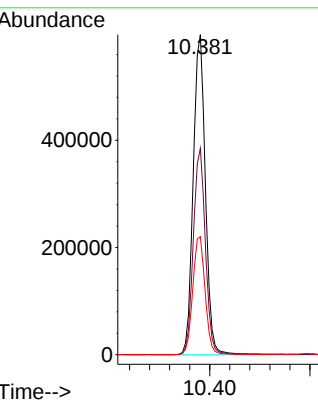
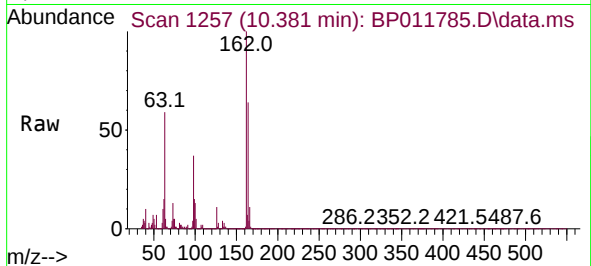
98 36.9 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.138 ng

RT: 10.593 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

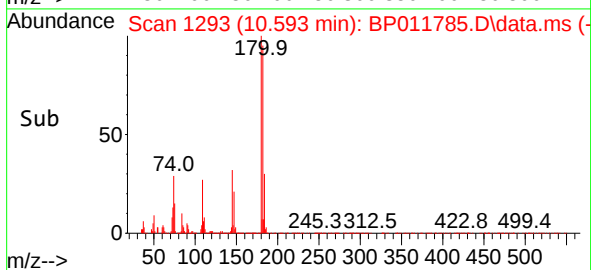
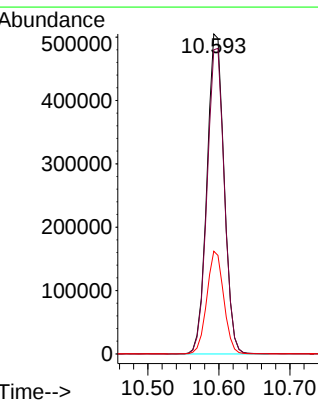
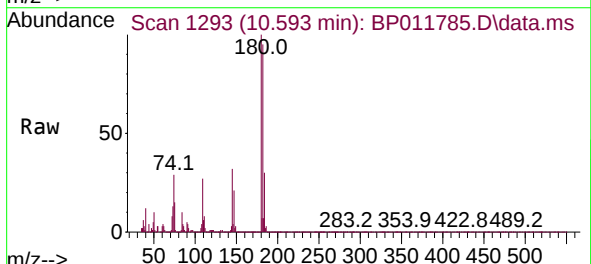
Tgt Ion:180 Resp: 847812

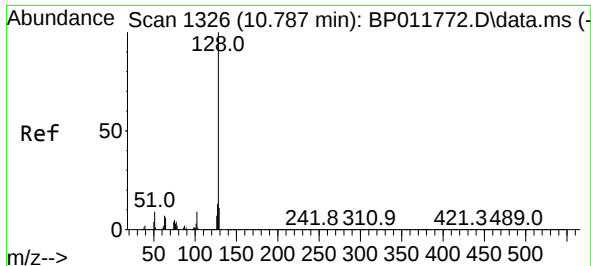
Ion Ratio Lower Upper

180 100

182 95.0 75.2 112.8

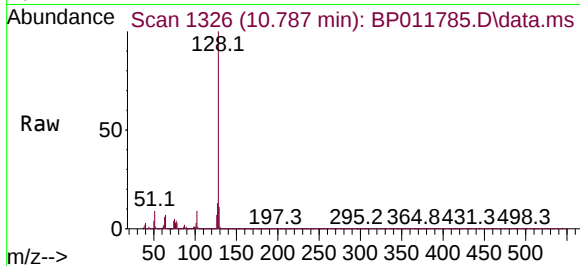
145 32.1 25.8 38.6





#31
Naphthalene
Concen: 43.794 ng
RT: 10.787 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

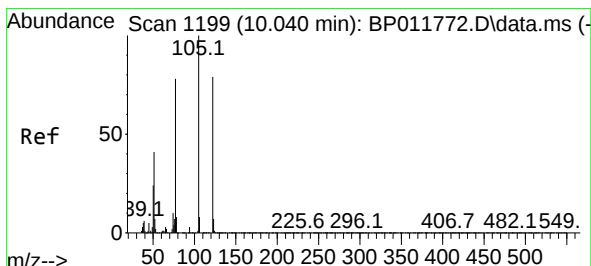
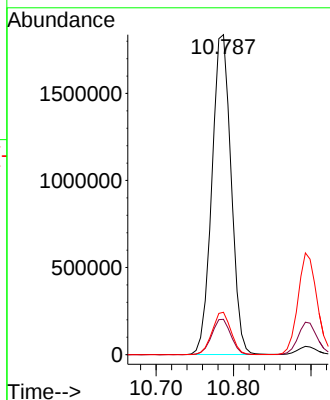
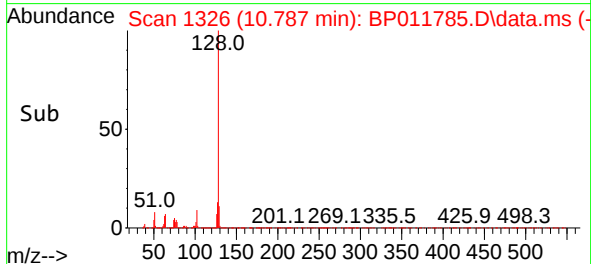
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



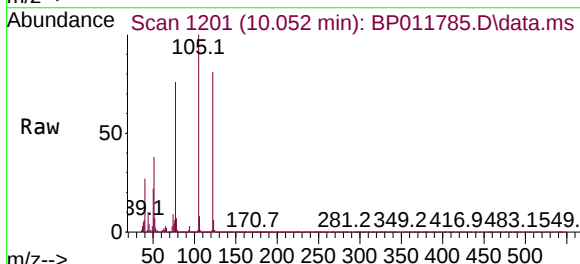
Tgt Ion:128 Resp: 3162143
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.5 15.7

Manual Integrations
APPROVED

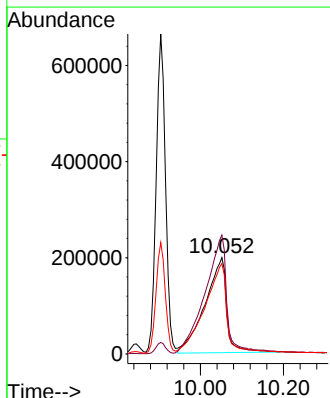
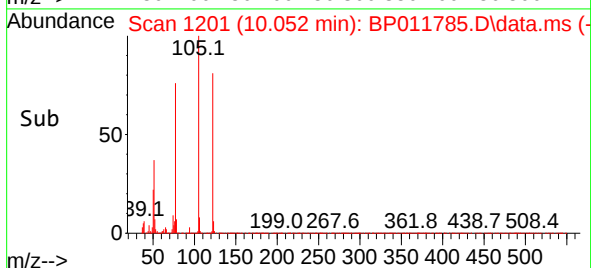
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

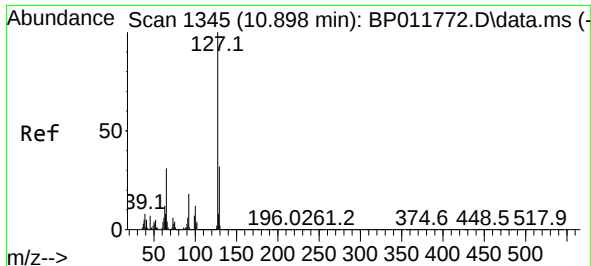


#32
Benzoic acid
Concen: 48.625 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



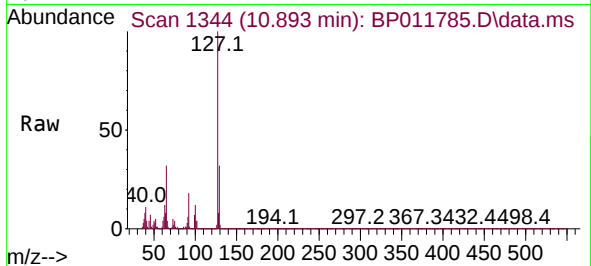
Tgt Ion:122 Resp: 719335
Ion Ratio Lower Upper
122 100
105 123.5 101.0 141.0
77 93.9 75.9 115.9





#33
4-Chloroaniline
Concen: 33.419 ng
RT: 10.893 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

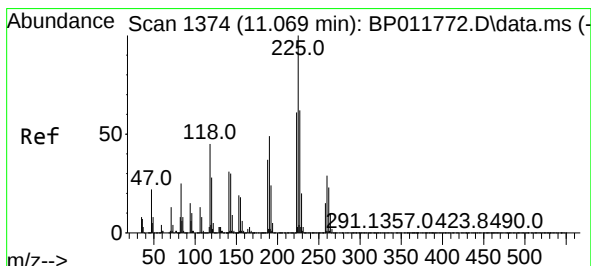
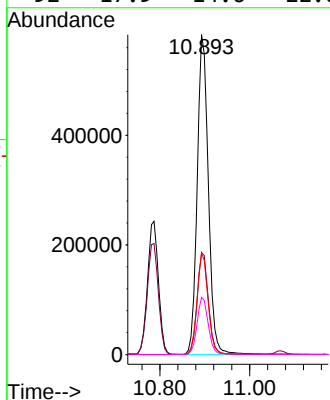
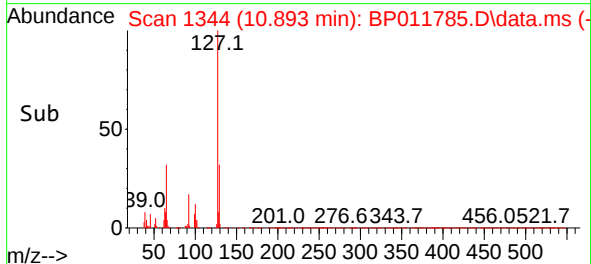
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion:127 Resp: 1006044
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 31.8 25.1 37.7
92 17.9 14.6 22.0

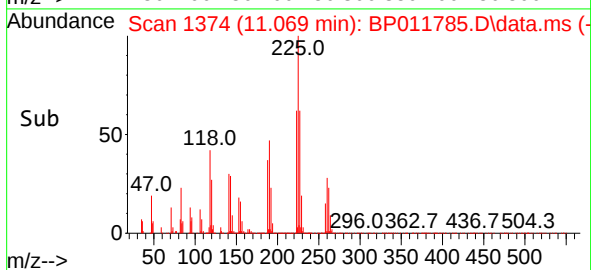
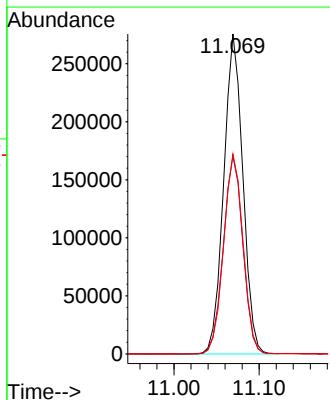
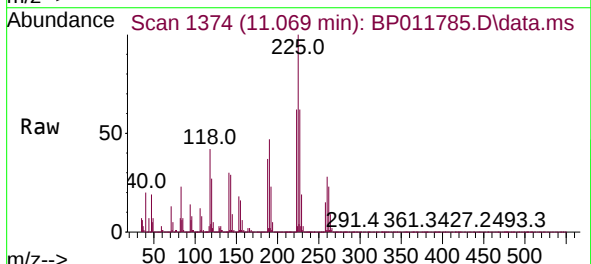
Manual Integrations
APPROVED

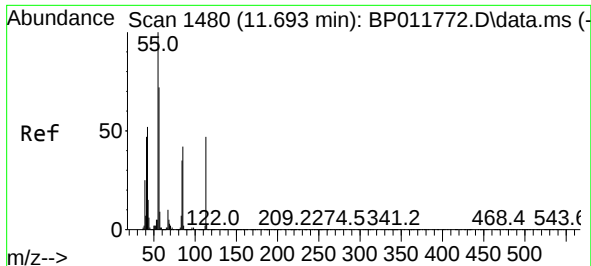
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#34
Hexachlorobutadiene
Concen: 44.350 ng
RT: 11.069 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

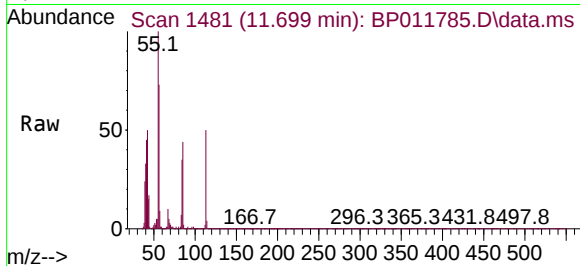
Tgt Ion:225 Resp: 429662
Ion Ratio Lower Upper
225 100
223 61.8 49.0 73.4
227 62.4 49.6 74.4





#35
Caprolactam
Concen: 52.081 ng m
RT: 11.699 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

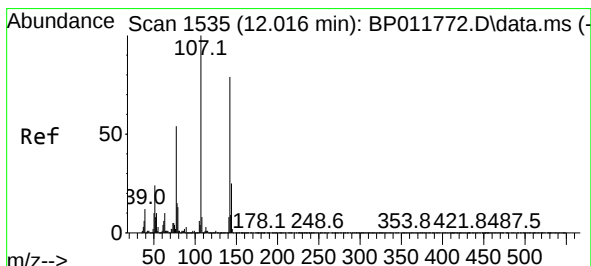
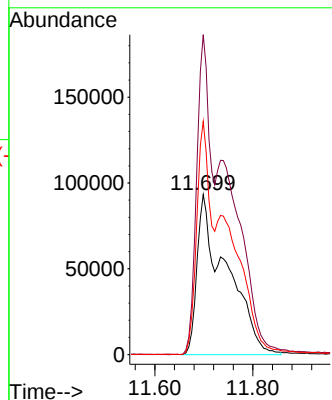
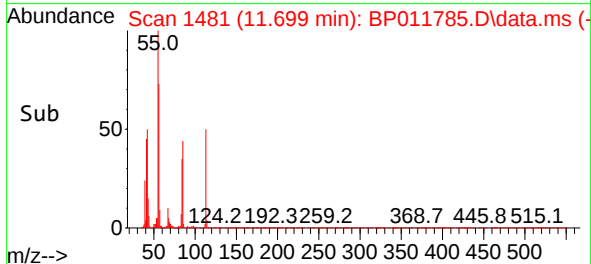
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



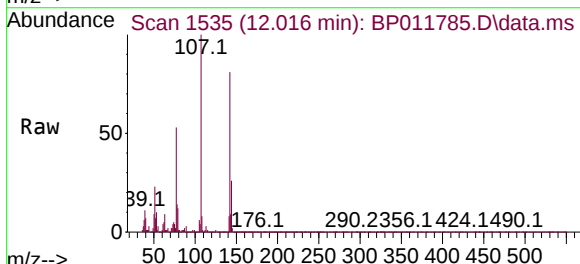
Tgt Ion:113 Resp: 390452
Ion Ratio Lower Upper
113 100
55 199.8 191.1 231.1
56 145.6 131.1 171.1

Manual Integrations
APPROVED

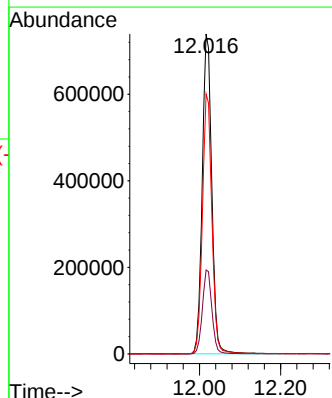
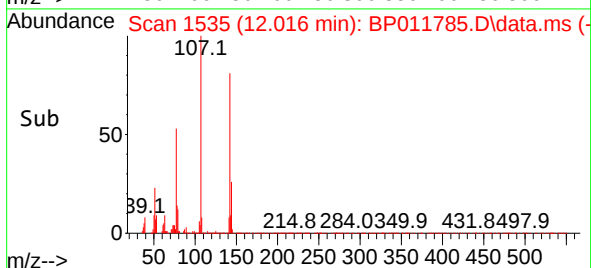
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

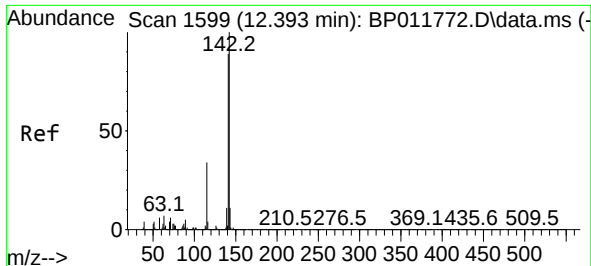


#36
4-Chloro-3-methylphenol
Concen: 53.599 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



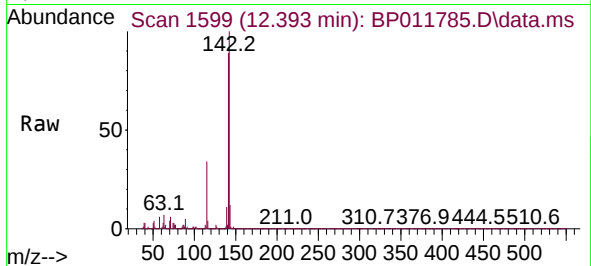
Tgt Ion:107 Resp: 1199996
Ion Ratio Lower Upper
107 100
144 26.2 20.2 30.2
142 81.2 63.5 95.3





#37
2-Methylnaphthalene
Concen: 45.935 ng
RT: 12.393 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

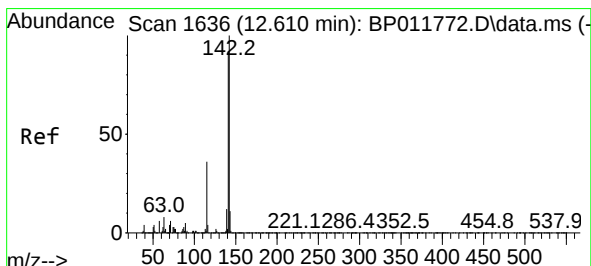
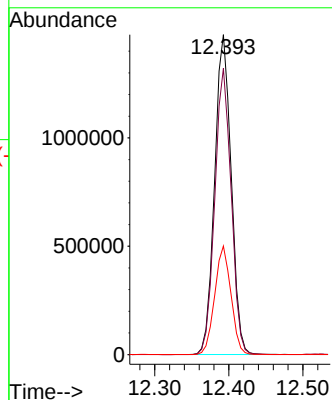
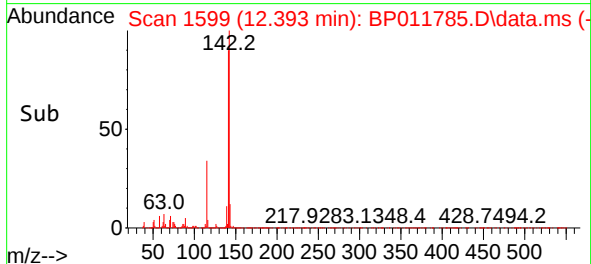
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



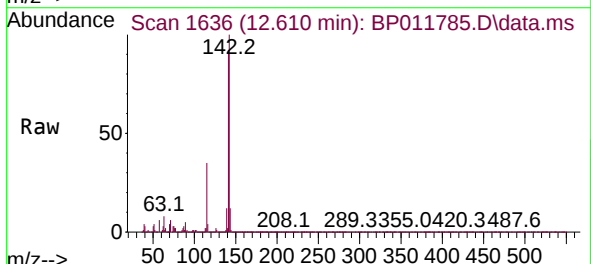
Tgt Ion:142 Resp: 2290462
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7
115 33.9 27.4 41.0

Manual Integrations
APPROVED

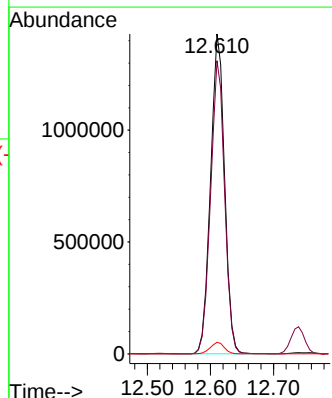
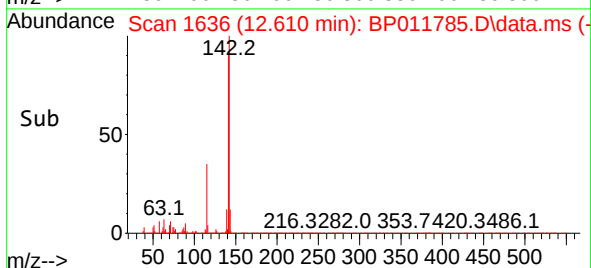
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

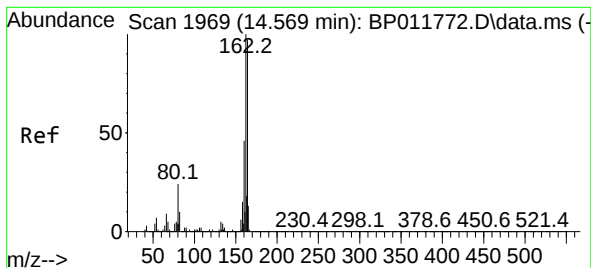


#38
1-Methylnaphthalene
Concen: 44.934 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion:142 Resp: 2206400
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

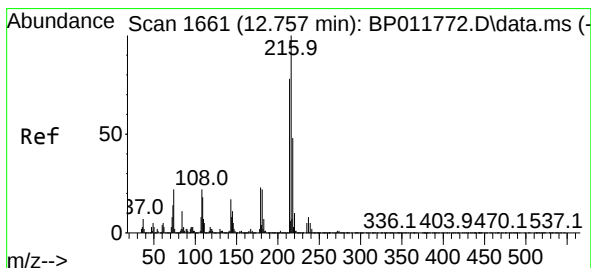
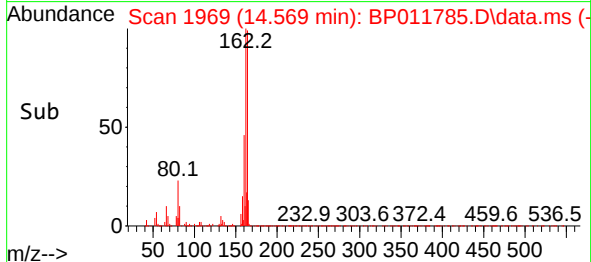
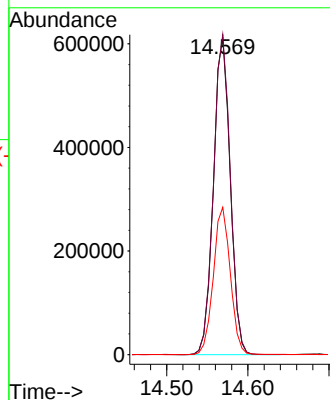
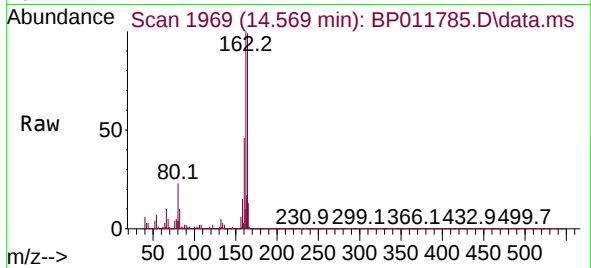
Tgt Ion:	164	Resp:	879810
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.5	123.7
160	46.4	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.486 ng

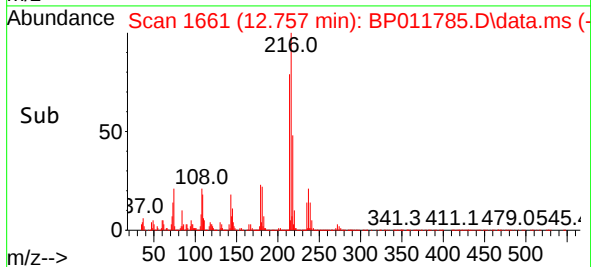
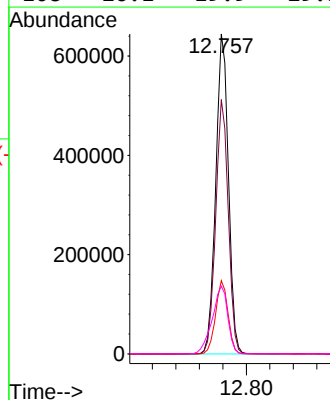
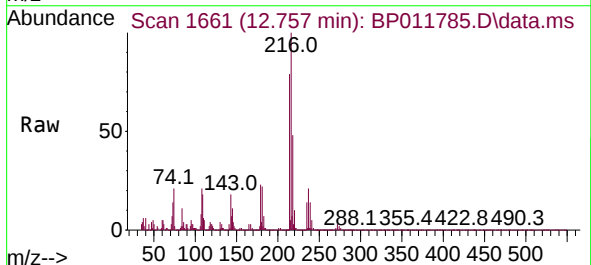
RT: 12.757 min Scan# 1661

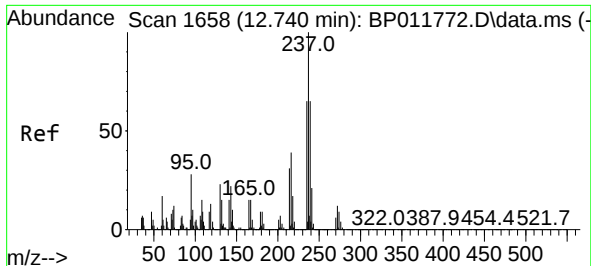
Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

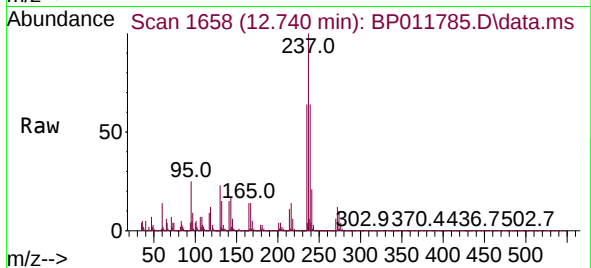
Tgt Ion:	216	Resp:	961375
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.3	94.9
179	22.6	18.5	27.7
108	26.1	19.9	29.9





#41
Hexachlorocyclopentadiene
Concen: 120.737 ng
RT: 12.740 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

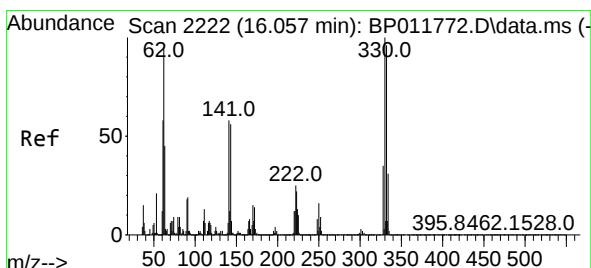
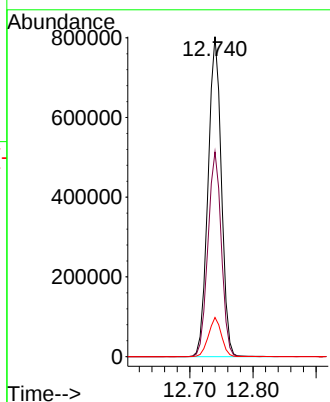
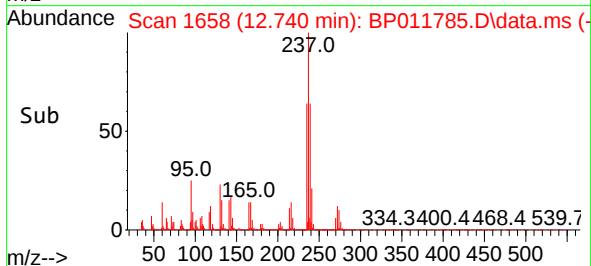
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



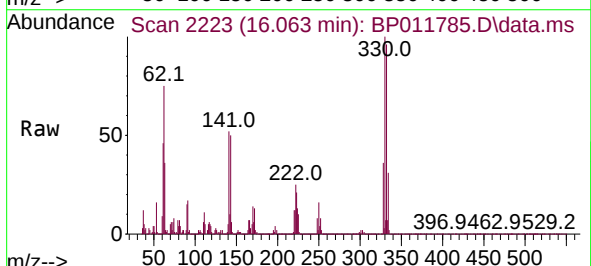
Tgt Ion: 237 Resp: 1174081
Ion Ratio Lower Upper
237 100
235 64.0 45.5 85.5
272 12.2 0.0 31.6

Manual Integrations
APPROVED

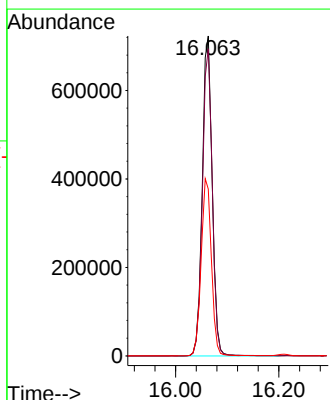
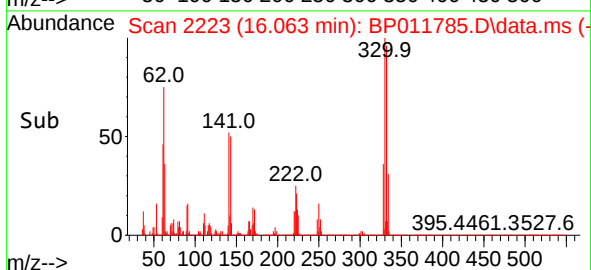
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022

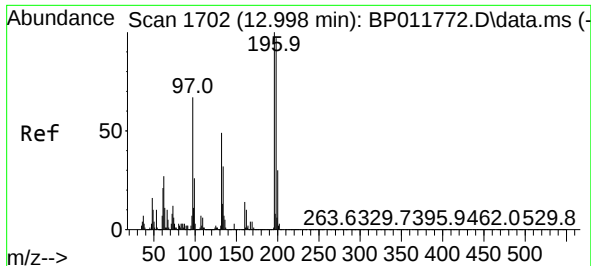


#42
2,4,6-Tribromophenol
Concen: 162.450 ng
RT: 16.063 min Scan# 2223
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



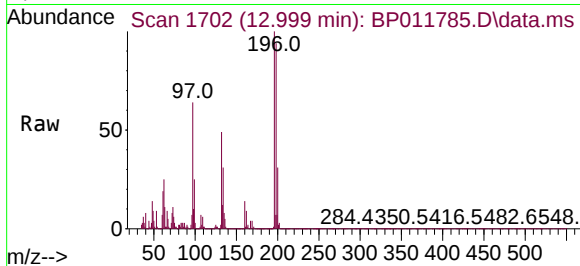
Tgt Ion: 330 Resp: 962385
Ion Ratio Lower Upper
330 100
332 95.8 76.6 114.8
141 57.2 48.7 73.1





#43
2,4,6-Trichlorophenol
Concen: 51.236 ng
RT: 12.999 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

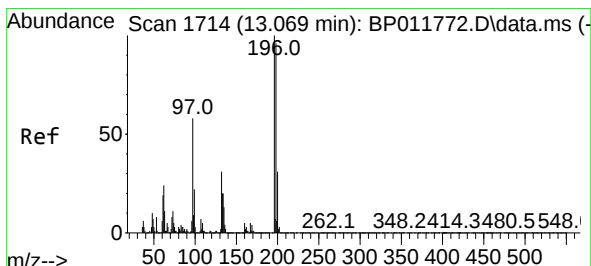
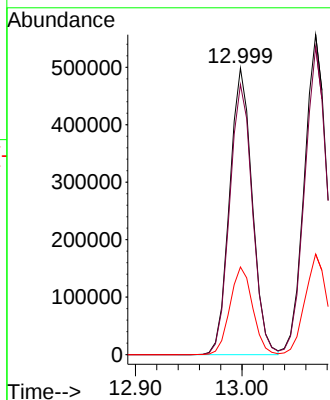
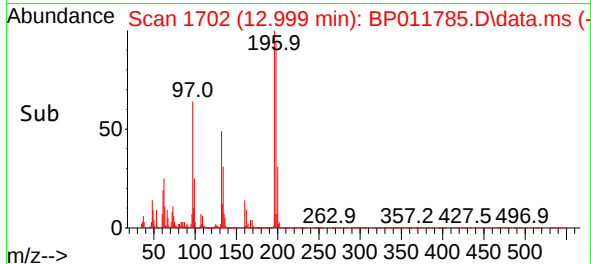
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



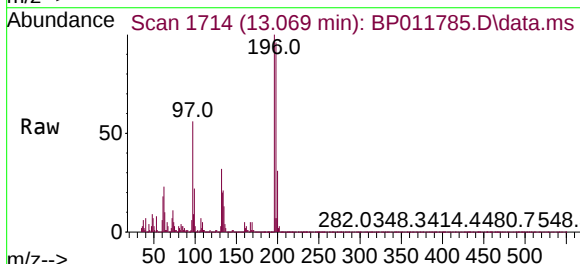
Tgt Ion:196 Resp: 735376
Ion Ratio Lower Upper
196 100
198 94.3 77.8 116.6
200 30.6 24.3 36.5

Manual Integrations
APPROVED

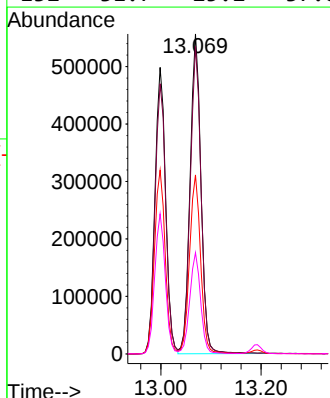
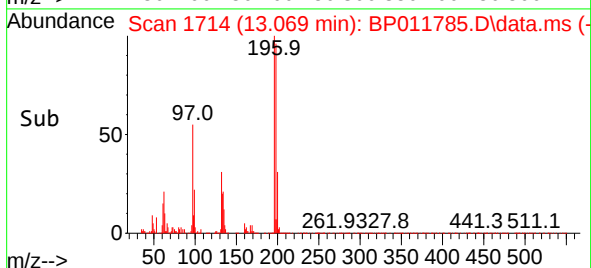
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

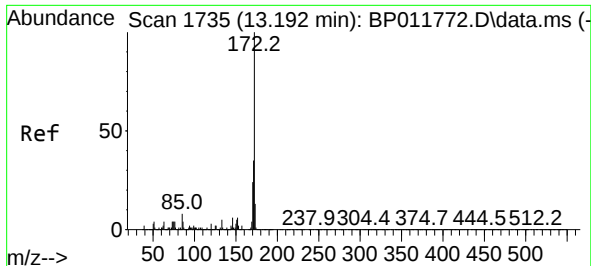


#44
2,4,5-Trichlorophenol
Concen: 50.765 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion:196 Resp: 837472
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.6
97 55.9 46.2 69.4
132 31.7 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 87.594 ng
RT: 13.193 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

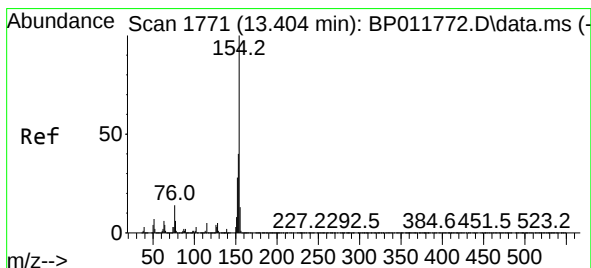
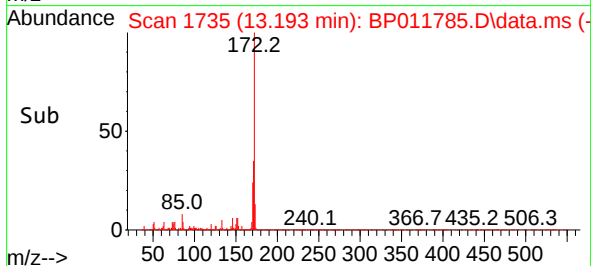
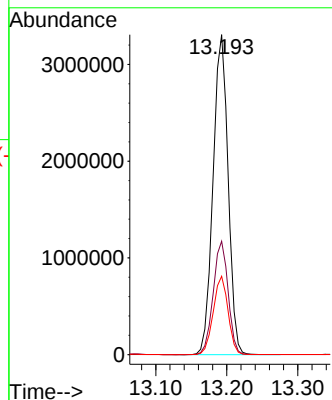
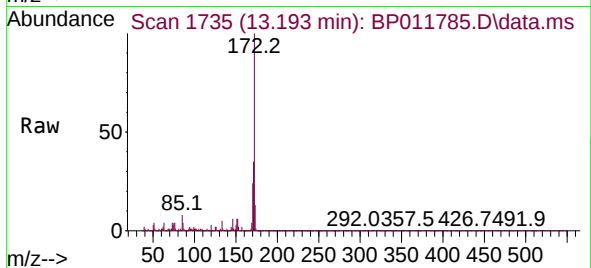
PB147850BSD

Tgt Ion:172 Resp: 487332
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.5 19.5 29.3

Manual Integrations

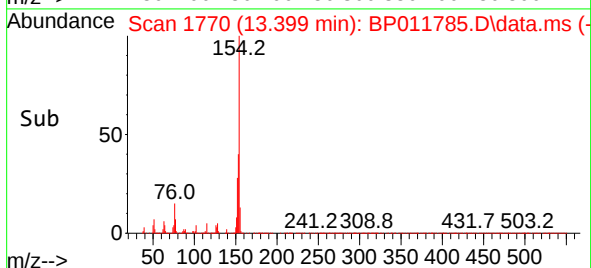
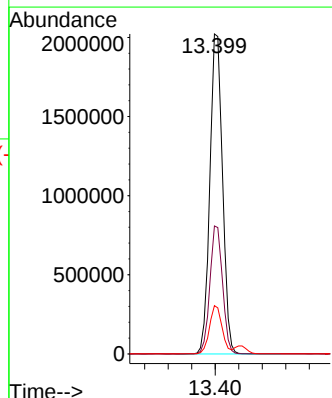
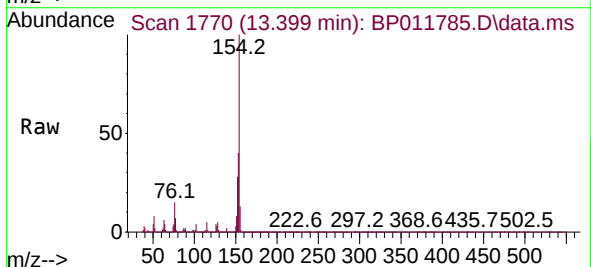
APPROVED

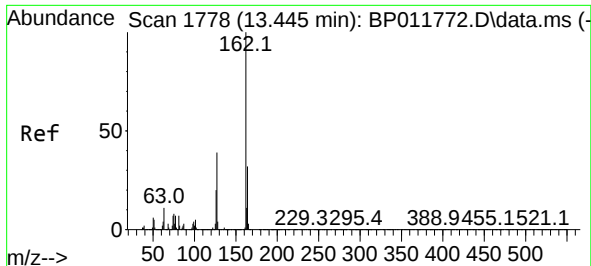
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#46
1,1'-Biphenyl
Concen: 47.249 ng
RT: 13.399 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

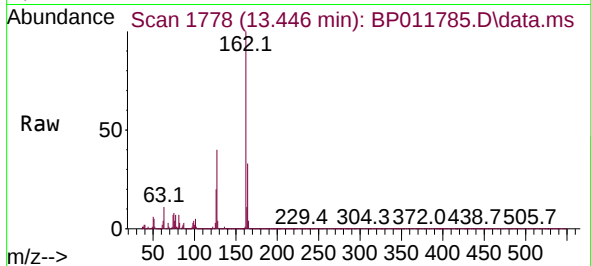
Tgt Ion:154 Resp: 3020303
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 15.1 0.0 34.2





#47
2-Chloronaphthalene
Concen: 45.341 ng
RT: 13.446 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

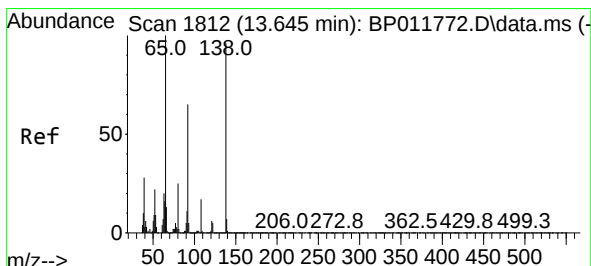
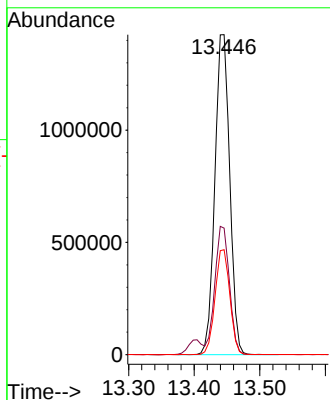
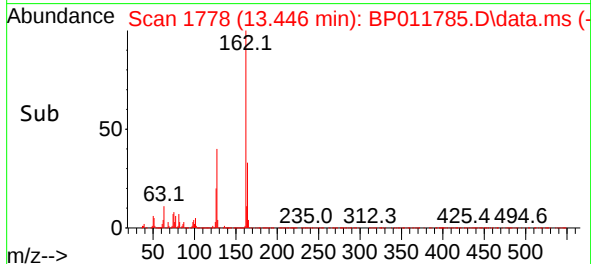
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



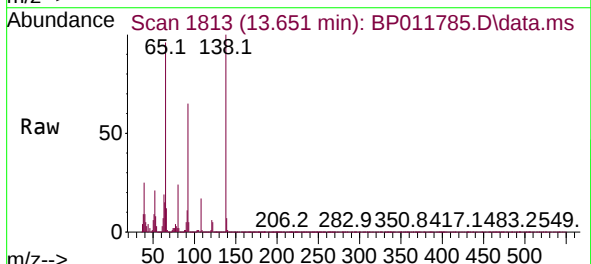
Tgt Ion: 162 Resp: 2248096
Ion Ratio Lower Upper
162 100
127 39.5 31.5 47.3
164 32.8 25.9 38.9

Manual Integrations
APPROVED

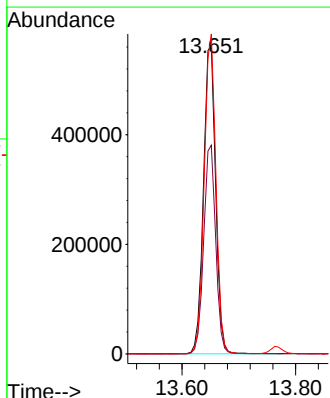
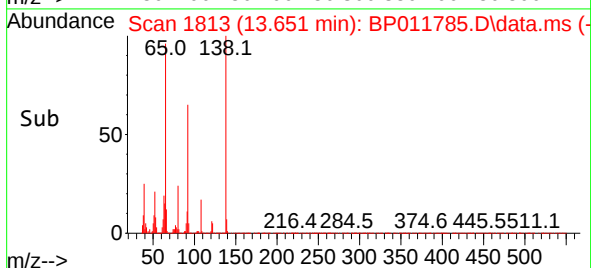
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

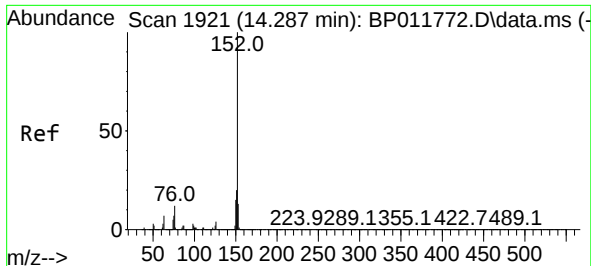


#48
2-Nitroaniline
Concen: 47.490 ng
RT: 13.651 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion: 65 Resp: 839529
Ion Ratio Lower Upper
65 100
92 67.6 52.3 78.5
138 103.7 76.5 114.7





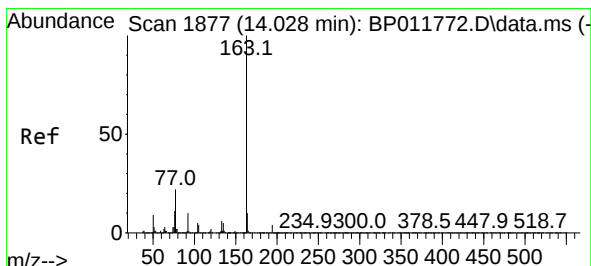
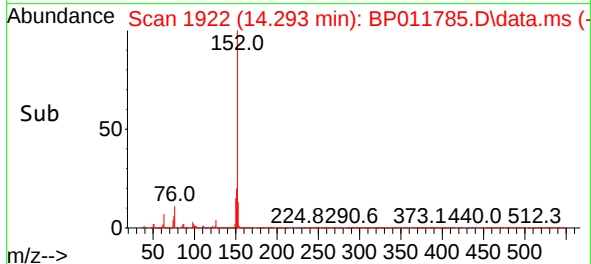
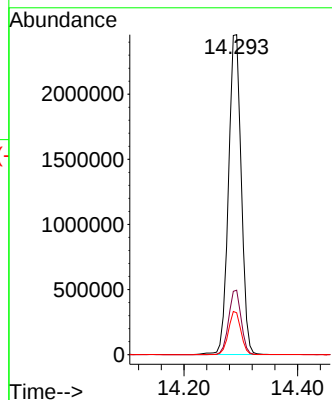
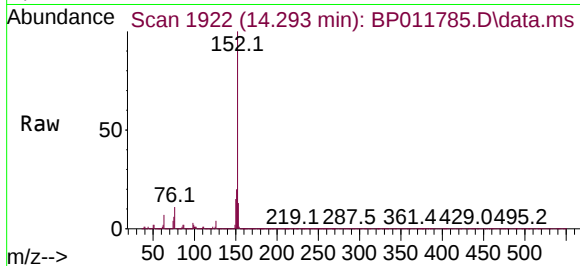
#49
Acenaphthylene
Concen: 46.220 ng
RT: 14.293 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:152 Resp: 3803902
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.1 10.6 16.0

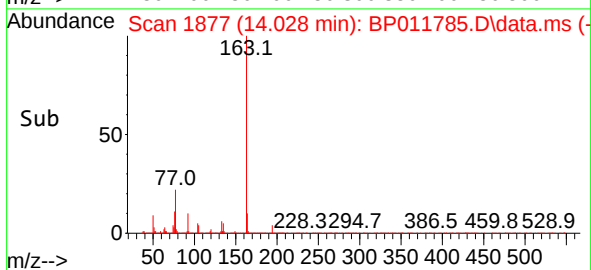
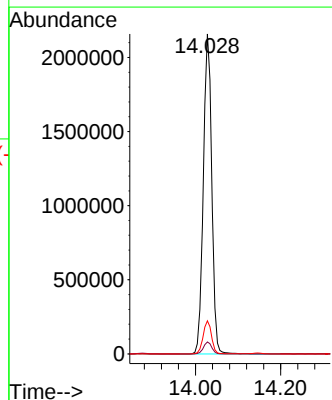
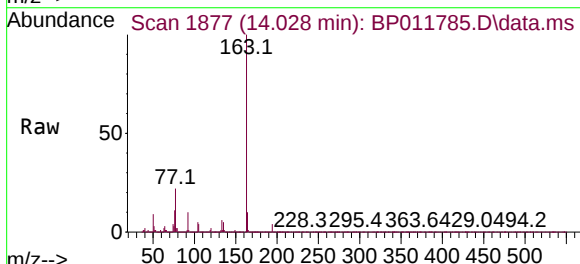
Manual Integrations
APPROVED

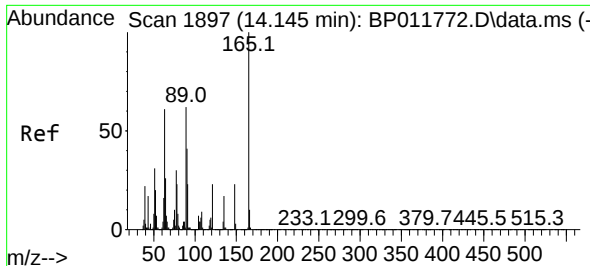
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#50
Dimethylphthalate
Concen: 45.825 ng
RT: 14.028 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

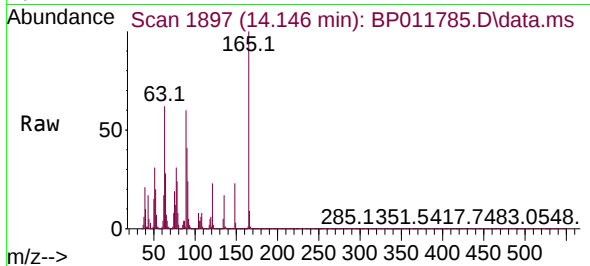
Tgt Ion:163 Resp: 2956127
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.929 ng
RT: 14.146 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

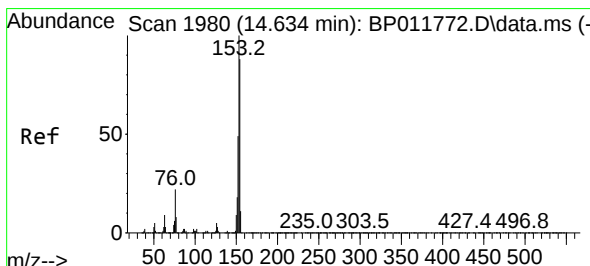
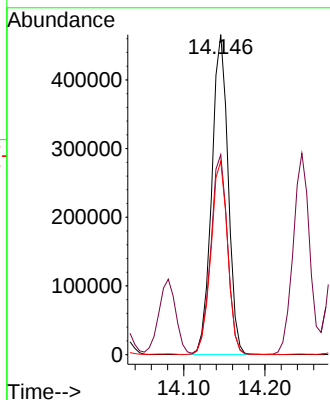
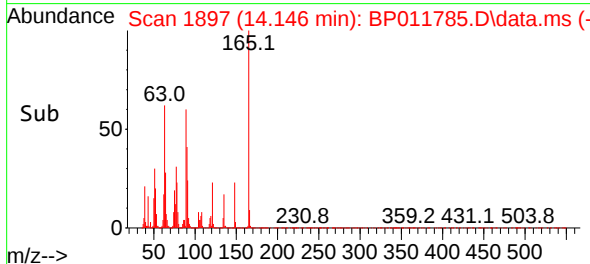
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



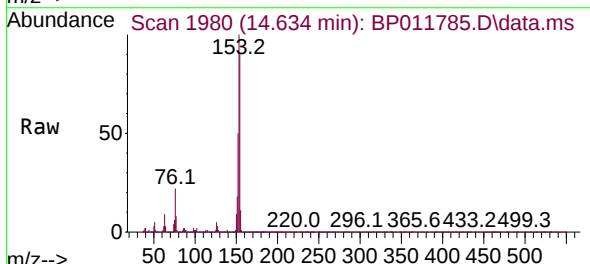
Tgt Ion:165 Resp: 651679
Ion Ratio Lower Upper
165 100
63 62.5 51.0 76.4
89 60.4 49.3 73.9

Manual Integrations
APPROVED

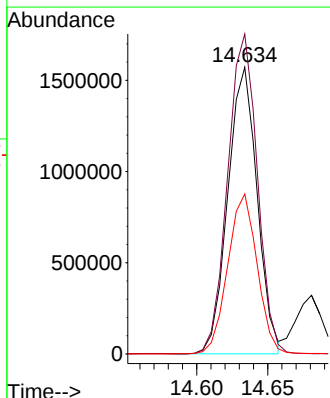
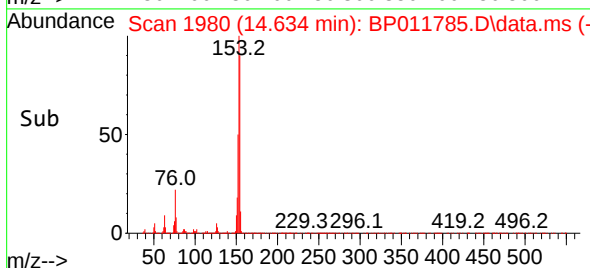
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

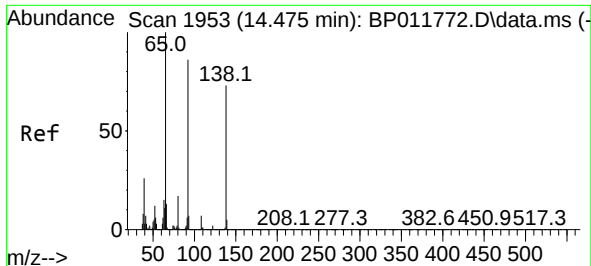


#52
Acenaphthene
Concen: 44.636 ng
RT: 14.634 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



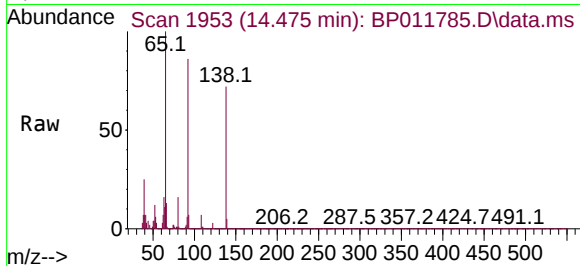
Tgt Ion:154 Resp: 2252969
Ion Ratio Lower Upper
154 100
153 111.7 90.8 136.2
152 55.8 44.6 66.8





#53
3-Nitroaniline
Concen: 40.565 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

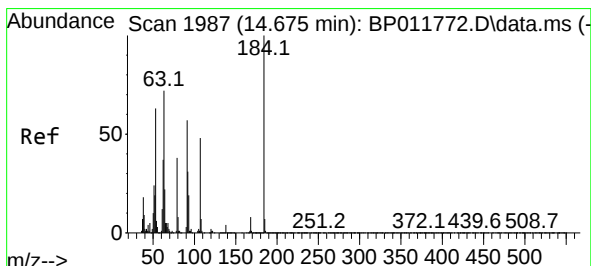
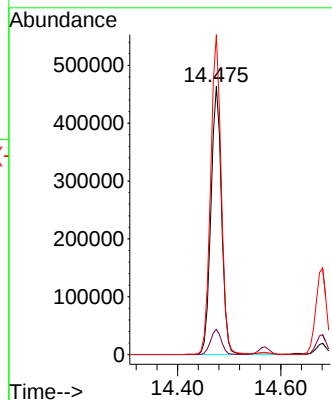
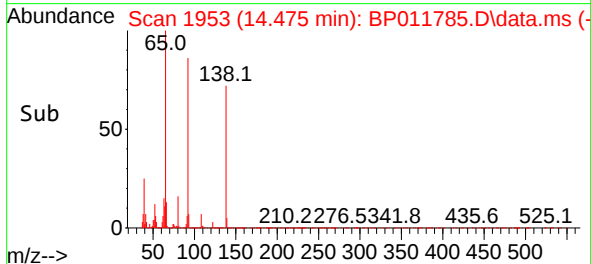
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



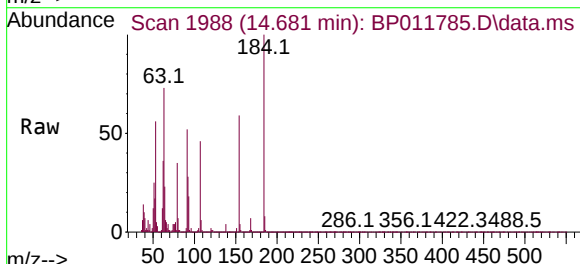
Tgt Ion:138 Resp: 661721
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 119.3 94.6 142.0

Manual Integrations
APPROVED

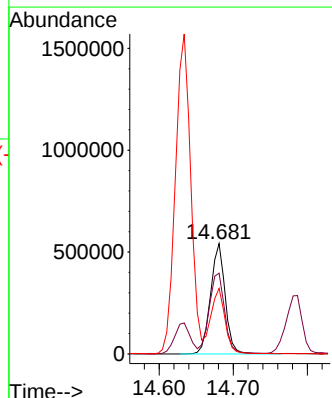
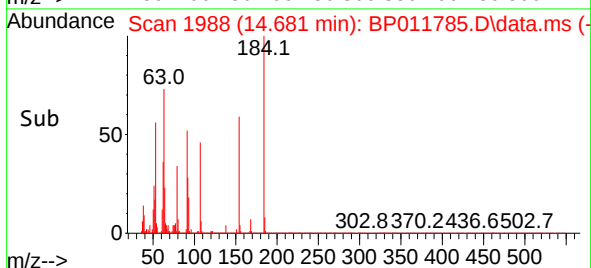
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

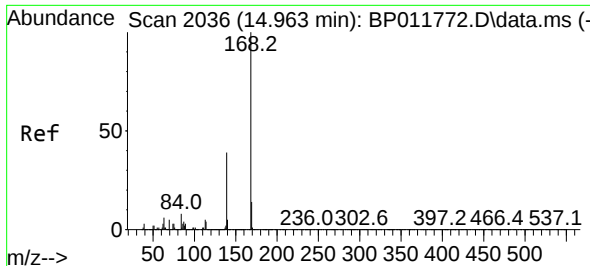


#54
2,4-Dinitrophenol
Concen: 103.217 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



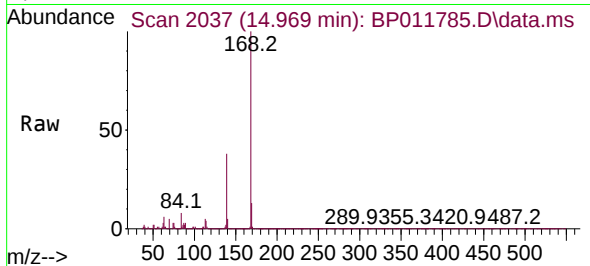
Tgt Ion:184 Resp: 741045
Ion Ratio Lower Upper
184 100
63 73.1 65.7 98.5
154 59.4 48.2 72.4





#55
Dibenzenofuran
Concen: 45.393 ng
RT: 14.969 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

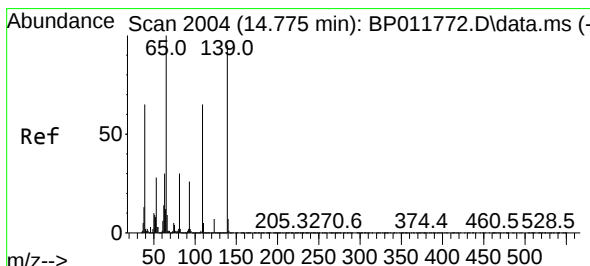
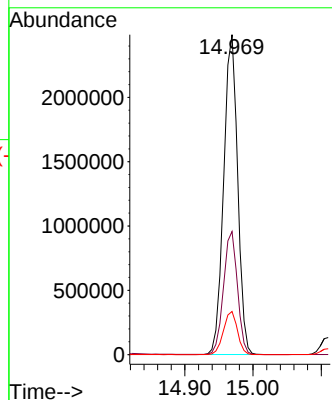
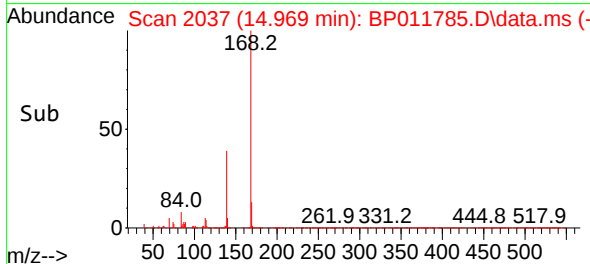
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion:168 Resp: 3511792
Ion Ratio Lower Upper
168 100
139 38.5 31.3 46.9
169 13.5 11.0 16.4

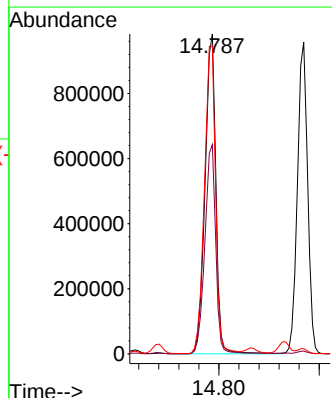
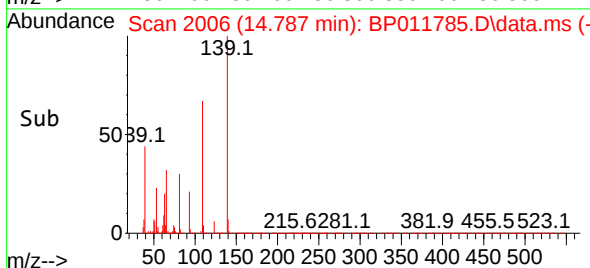
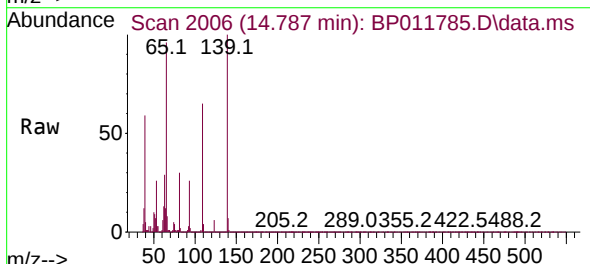
Manual Integrations
APPROVED

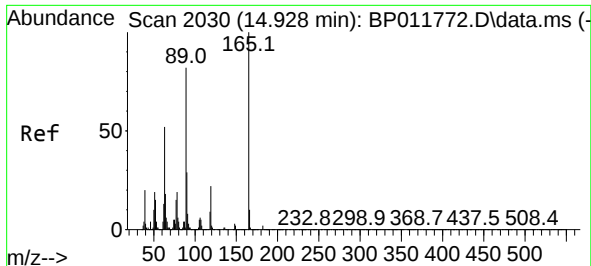
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#56
4-Nitrophenol
Concen: 108.358 ng
RT: 14.787 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:139 Resp: 1467875
Ion Ratio Lower Upper
139 100
109 65.4 48.3 88.3
65 96.2 85.0 125.0





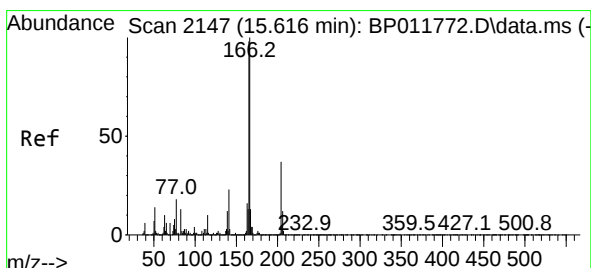
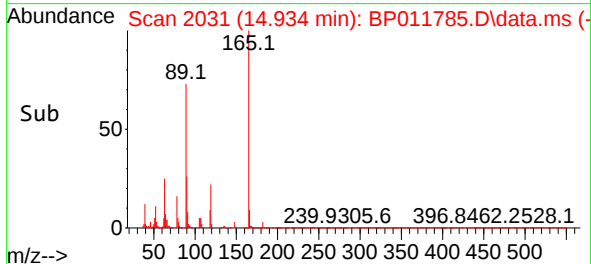
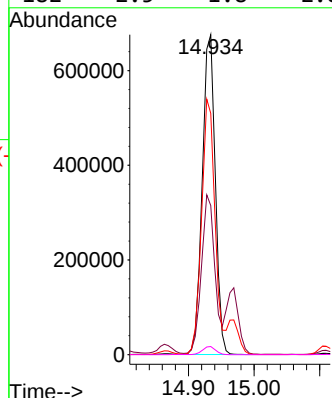
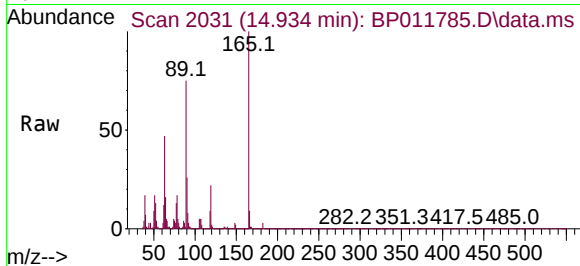
#57
2,4-Dinitrotoluene
Concen: 46.912 ng
RT: 14.934 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:165 Resp: 926863
Ion Ratio Lower Upper
165 100
63 46.6 41.4 62.2
89 75.4 66.0 99.0
182 2.5 1.8 2.8

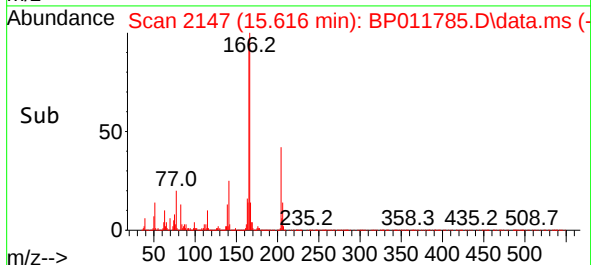
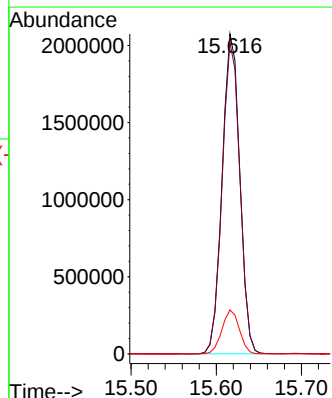
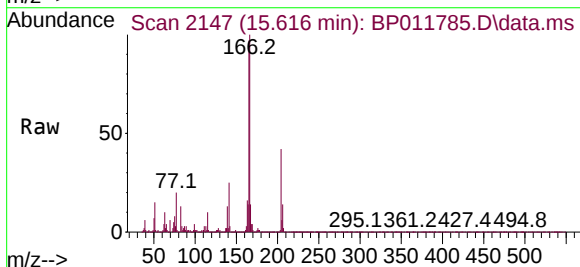
Manual Integrations
APPROVED

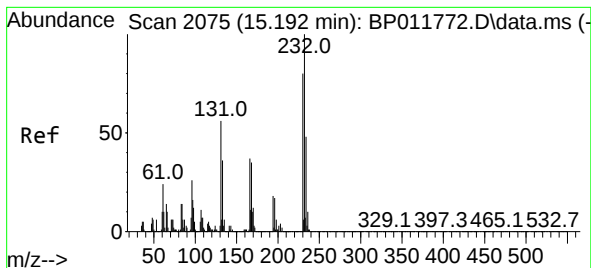
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#58
Fluorene
Concen: 45.561 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

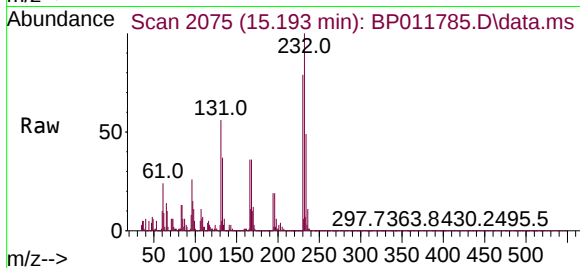
Tgt Ion:166 Resp: 2990368
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.792 ng m
RT: 15.193 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

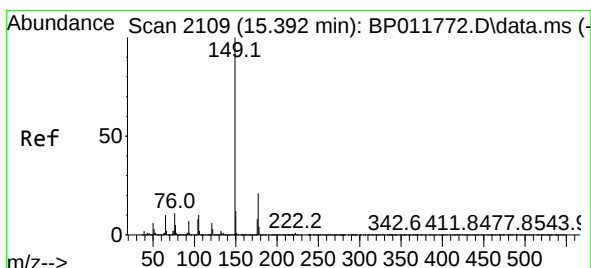
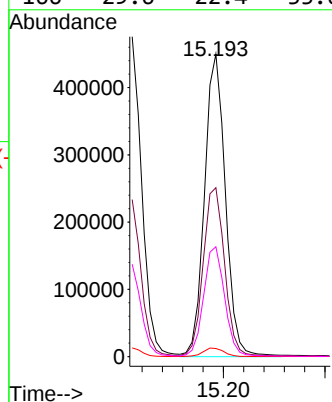
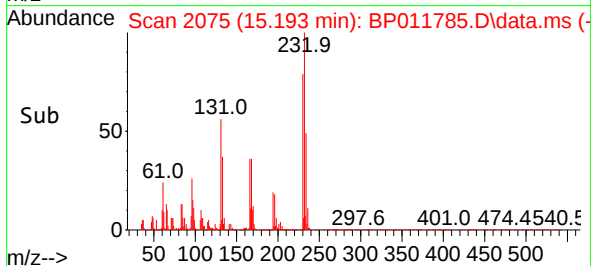
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



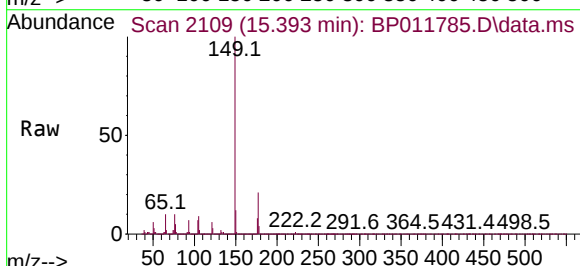
Tgt Ion:232 Resp: 643728
Ion Ratio Lower Upper
232 100
131 51.4 39.5 59.3
130 2.9 2.3 3.5
166 29.6 22.4 33.6

Manual Integrations
APPROVED

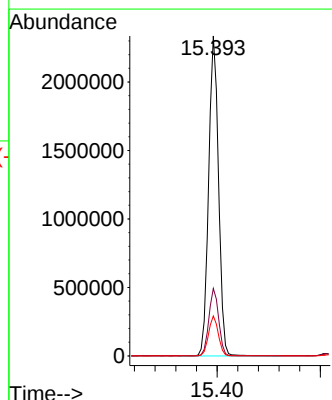
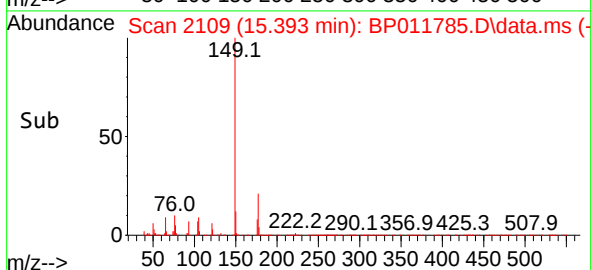
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

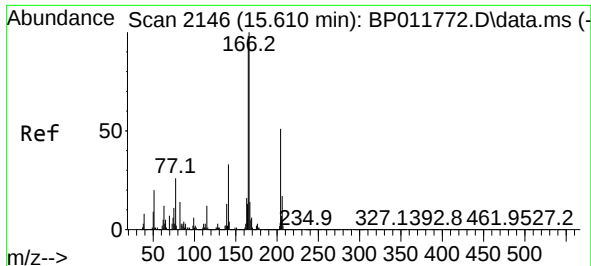


#60
Diethylphthalate
Concen: 45.962 ng
RT: 15.393 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



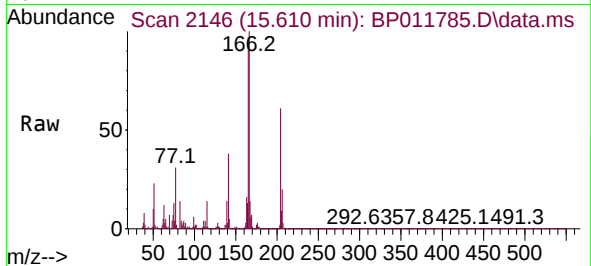
Tgt Ion:149 Resp: 3095850
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.521 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

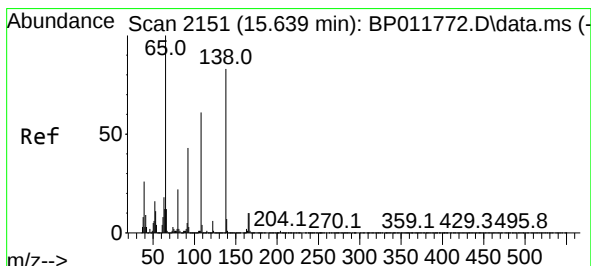
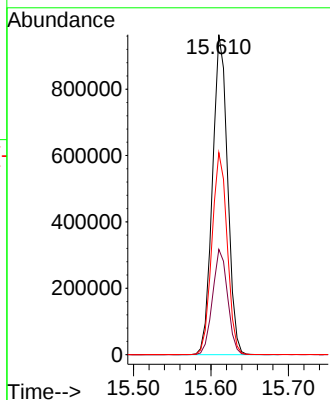
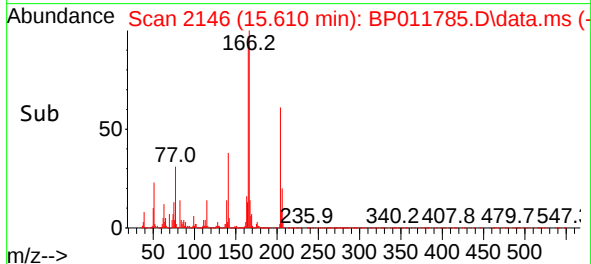
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



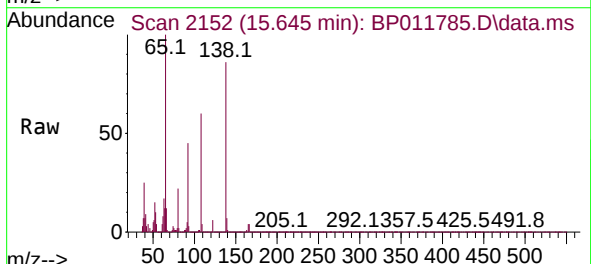
Tgt Ion:204 Resp: 1304048
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 63.1 51.4 77.2

Manual Integrations
APPROVED

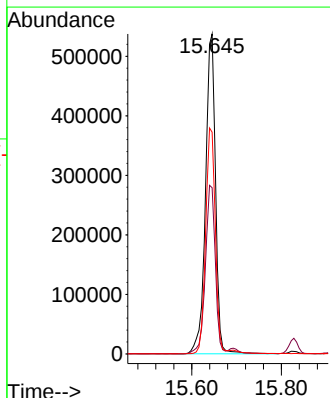
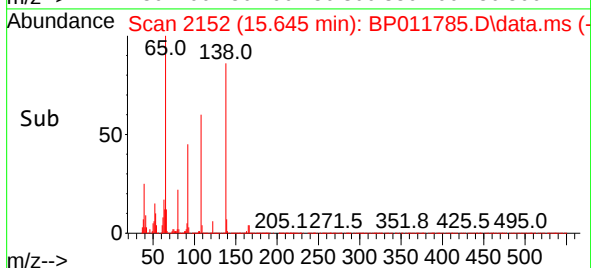
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

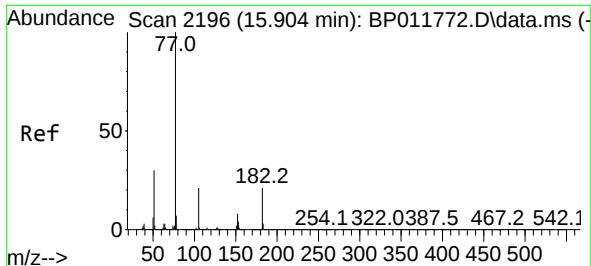


#62
4-Nitroaniline
Concen: 43.940 ng
RT: 15.645 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion:138 Resp: 834010
Ion Ratio Lower Upper
138 100
92 51.9 31.9 71.9
108 69.3 53.3 93.3





#63
Azobenzene
Concen: 44.080 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

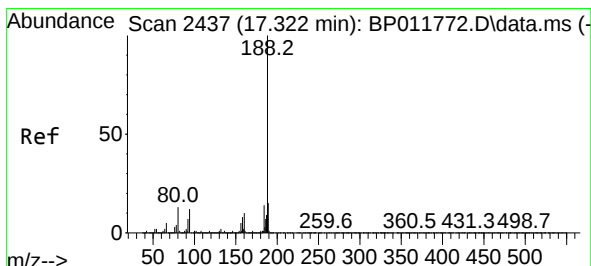
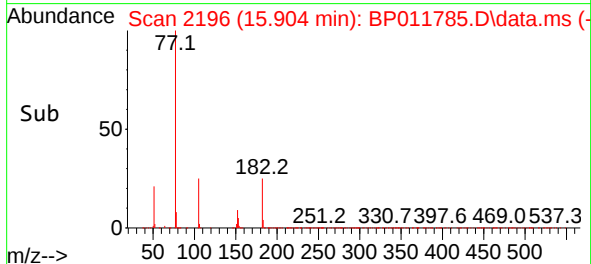
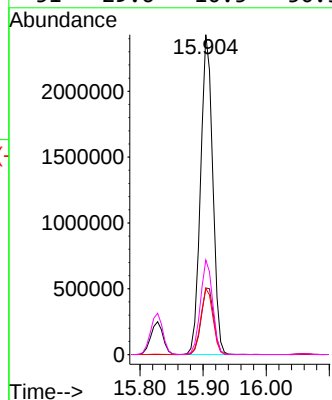
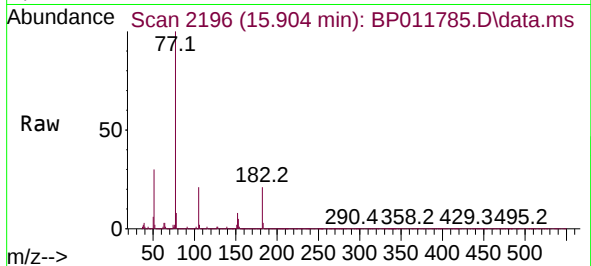
Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion: 77 Resp: 325105

Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.3	41.3
105	20.7	0.5	40.5
51	29.6	10.5	50.5

Manual Integrations
APPROVED

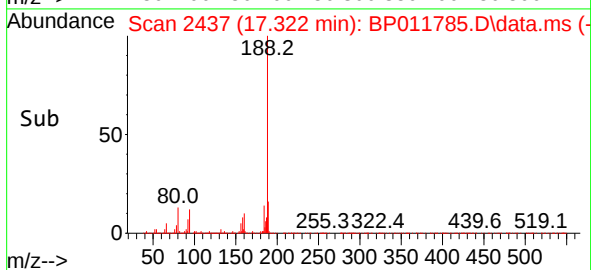
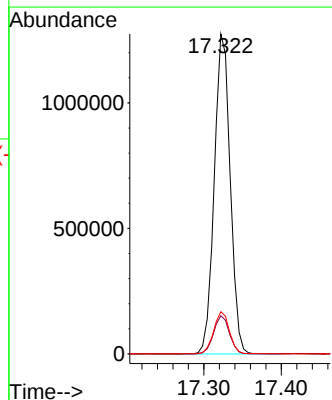
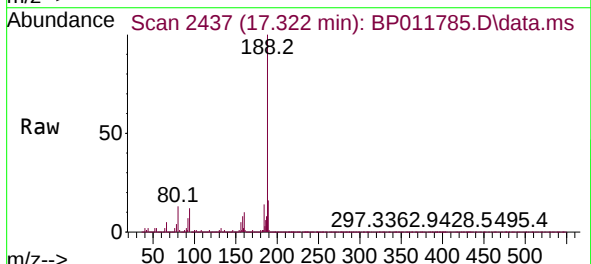
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

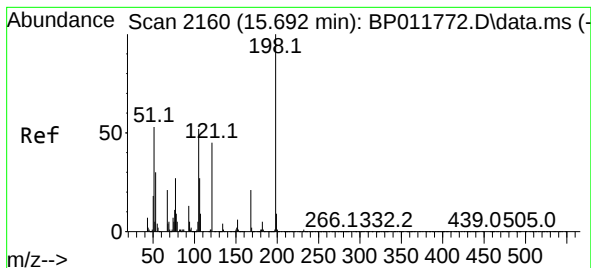


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:188 Resp: 1817323

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.0
80	13.2	10.6	15.8





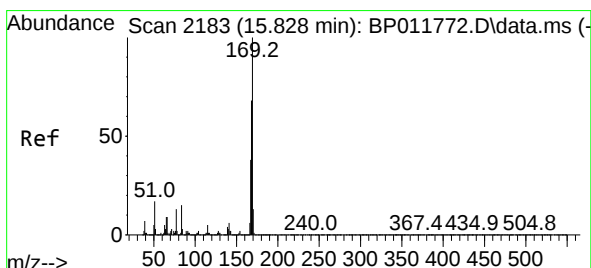
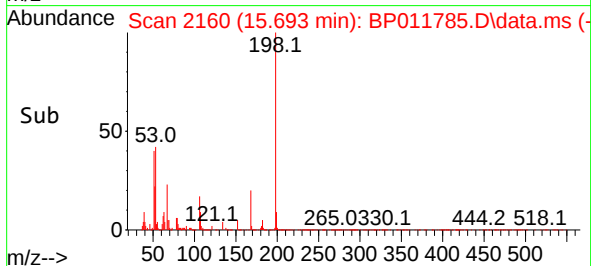
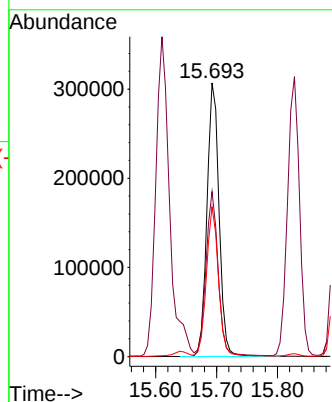
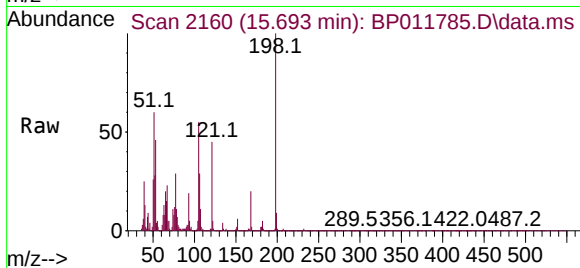
#65
4,6-Dinitro-2-methylphenol
Concen: 46.103 ng
RT: 15.693 min Scan# 2160
Delta R.T. 0.001 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:198 Resp: 422306
Ion Ratio Lower Upper
198 100
51 60.3 41.6 81.6
105 54.7 33.2 73.2

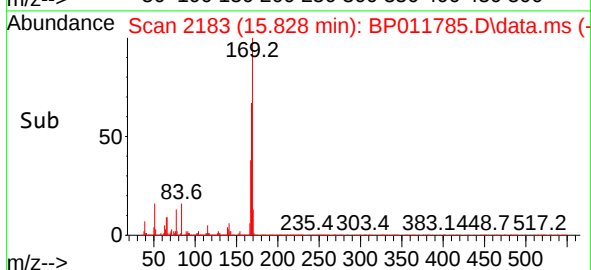
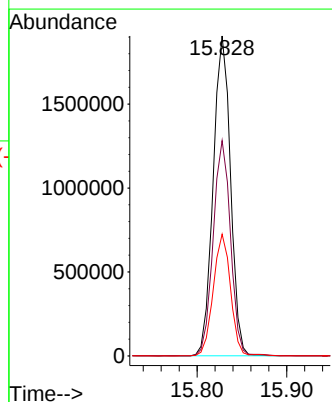
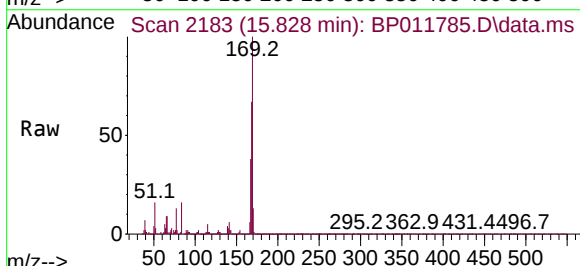
Manual Integrations
APPROVED

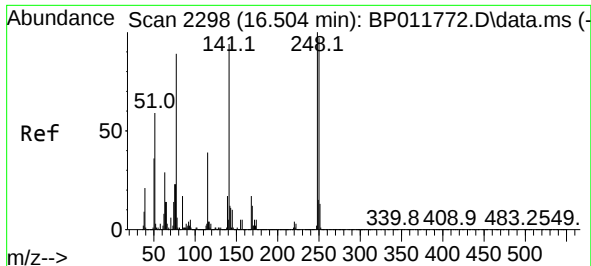
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#66
n-Nitrosodiphenylamine
Concen: 47.256 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:169 Resp: 2558892
Ion Ratio Lower Upper
169 100
168 67.3 54.5 81.7
167 38.0 30.1 45.1





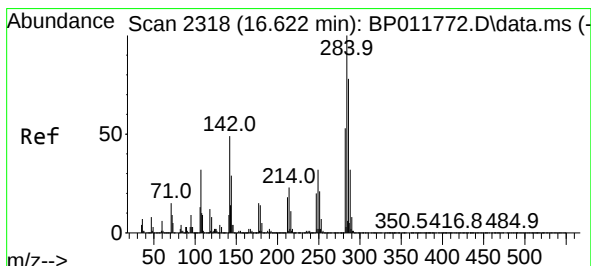
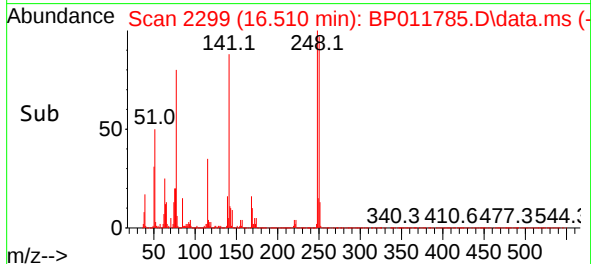
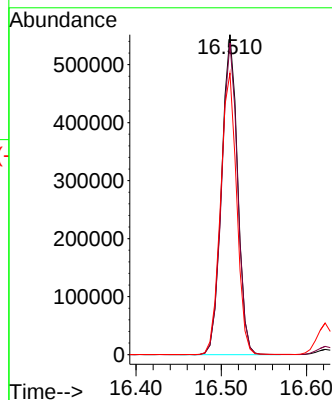
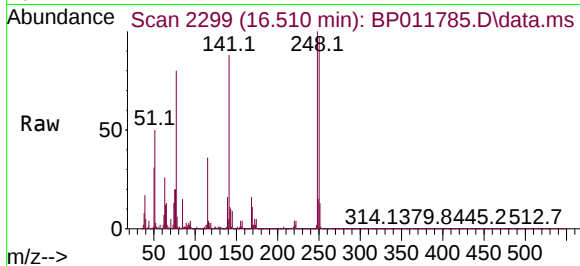
#67
4-Bromophenyl-phenylether
Concen: 48.095 ng
RT: 16.510 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:248 Resp: 716791
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 88.0 75.4 113.0

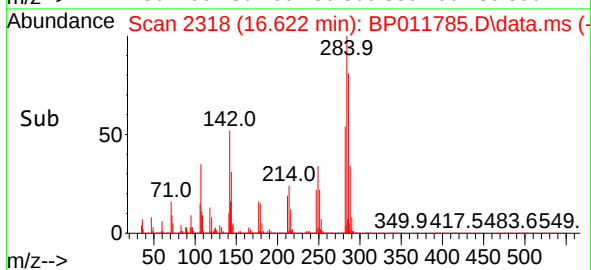
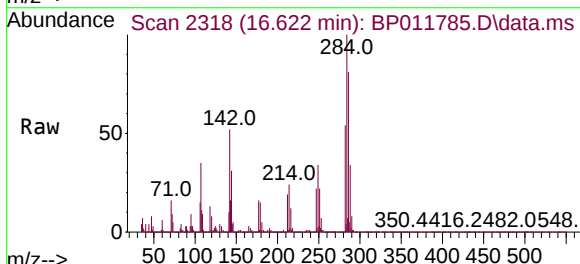
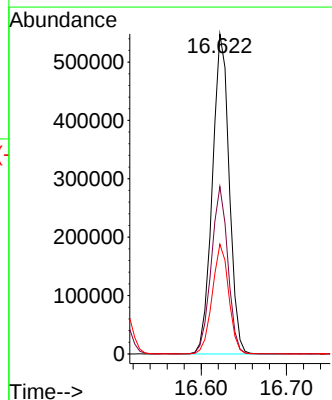
Manual Integrations
APPROVED

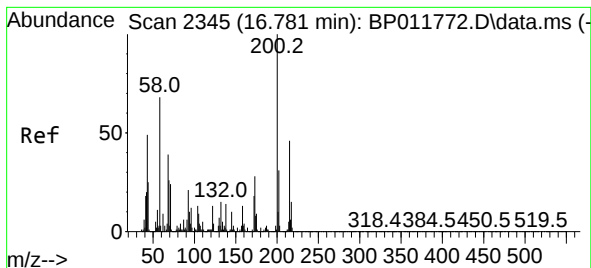
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#68
Hexachlorobenzene
Concen: 47.425 ng
RT: 16.622 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:284 Resp: 750992
Ion Ratio Lower Upper
284 100
142 52.3 39.0 58.4
249 34.3 25.9 38.9





#69

Atrazine

Concen: 54.806 ng

RT: 16.787 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

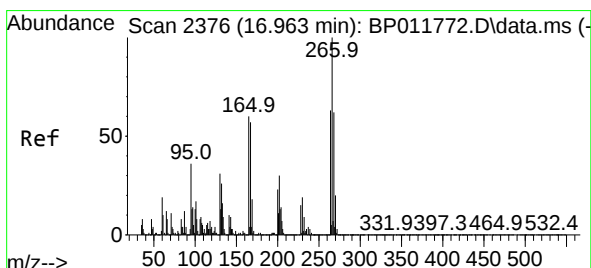
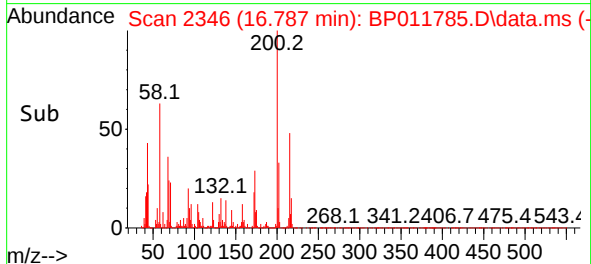
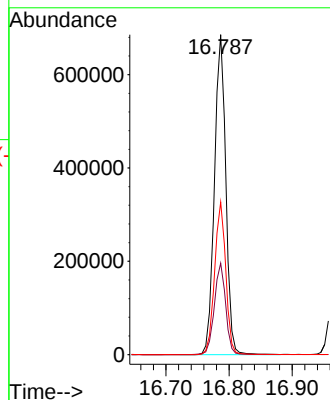
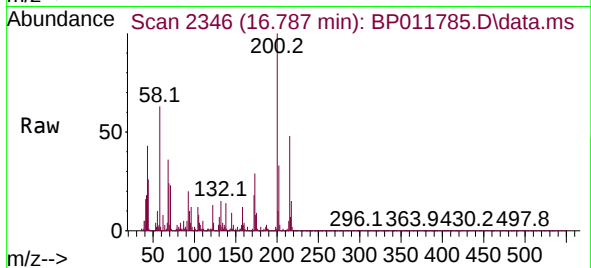
PB147850BSD

Tgt Ion:200 Resp: 859388
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.5 48.5
 215 47.7 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#70

Pentachlorophenol

Concen: 93.189 ng

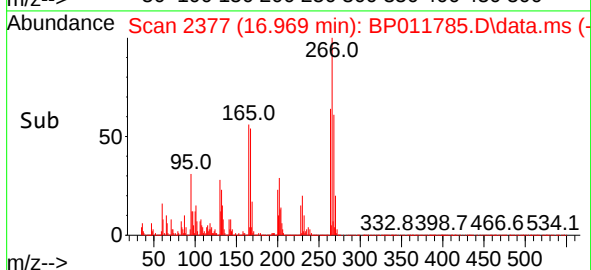
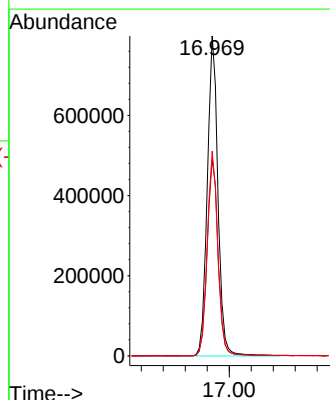
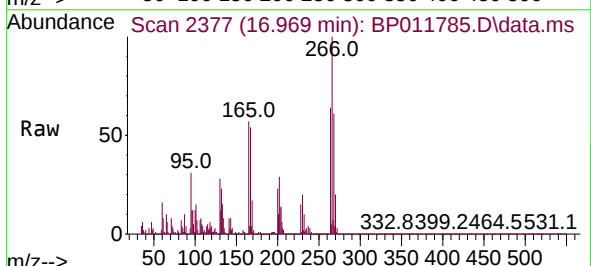
RT: 16.969 min Scan# 2377

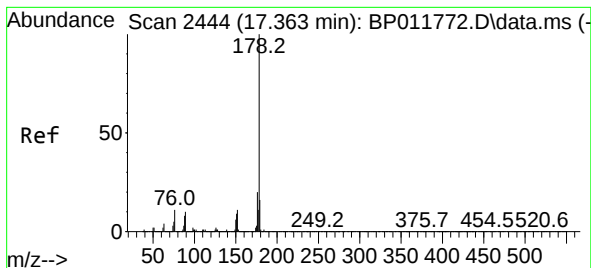
Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Tgt Ion:266 Resp: 1070366
 Ion Ratio Lower Upper
 266 100
 268 61.4 49.7 74.5
 264 64.0 50.6 75.8





#71

Phenanthrene

Concen: 45.640 ng

RT: 17.369 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:178 Resp: 4678082

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

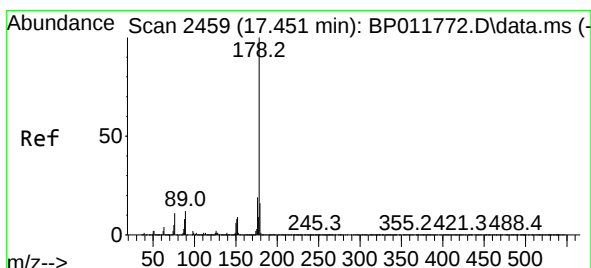
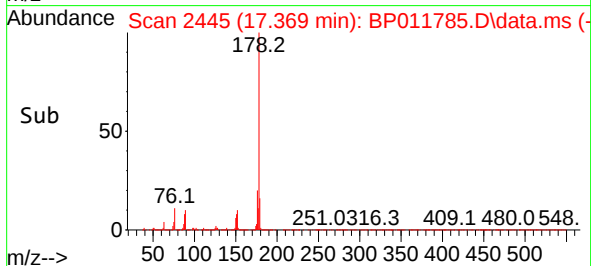
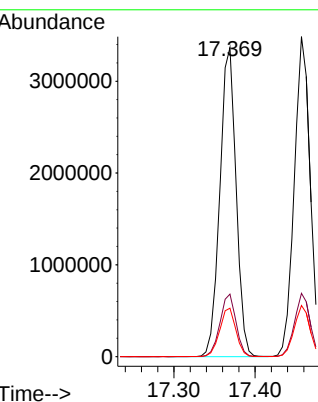
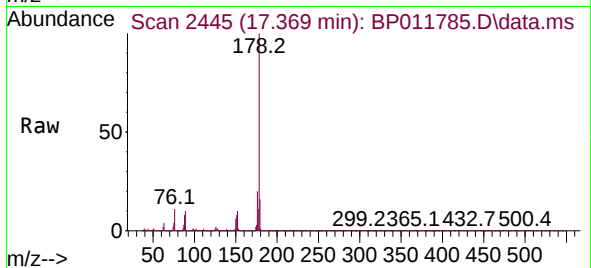
179 15.6 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#72

Anthracene

Concen: 48.154 ng

RT: 17.457 min Scan# 2460

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

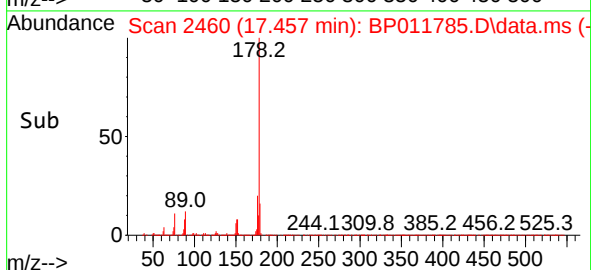
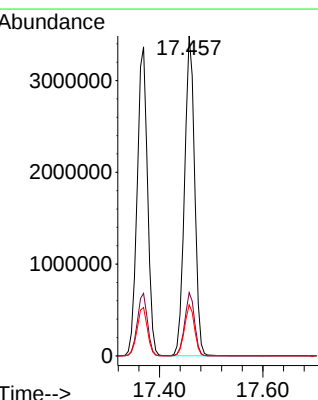
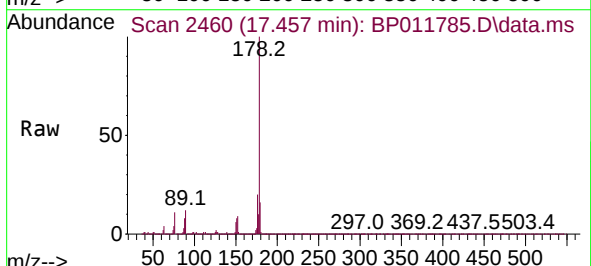
Tgt Ion:178 Resp: 4720778

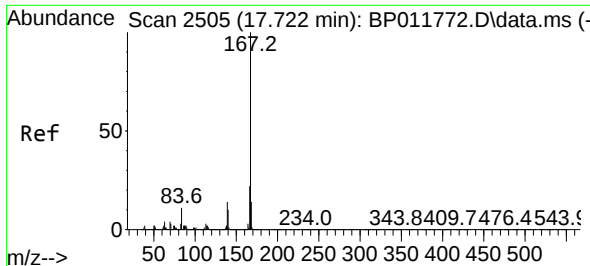
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

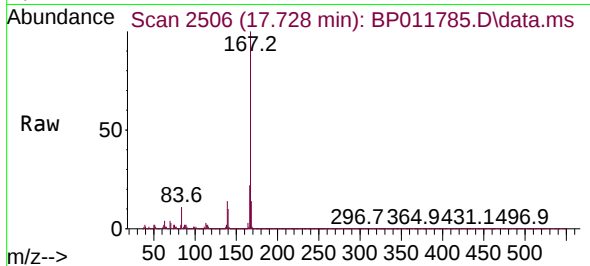
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 49.048 ng
 RT: 17.728 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP011785.D
 Acq: 23 Sep 2022 16:19

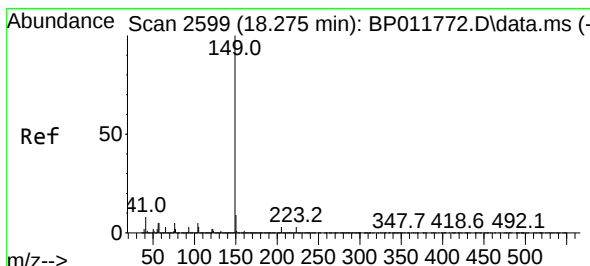
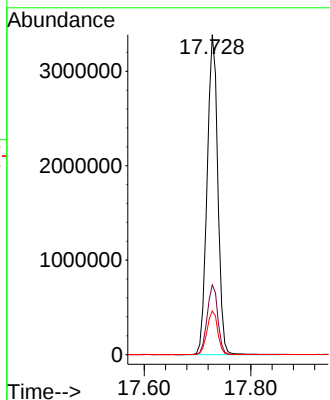
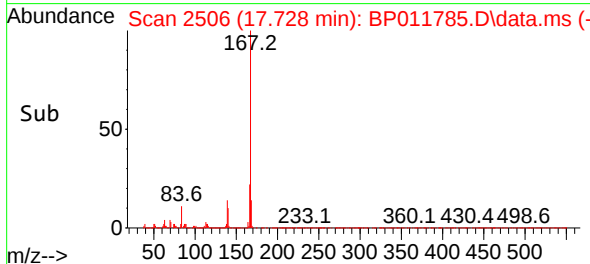
Instrument :
 BNA_P
 ClientSampleId :
 PB147850BSD



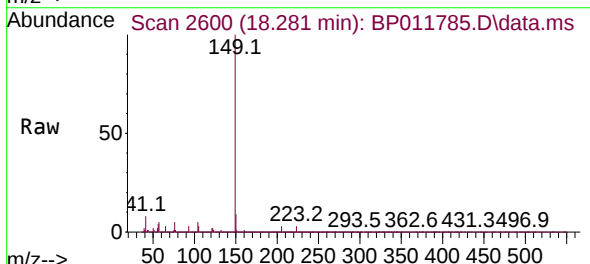
Tgt Ion:167 Resp: 4709291
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.6 11.0 16.6

Manual Integrations
 APPROVED

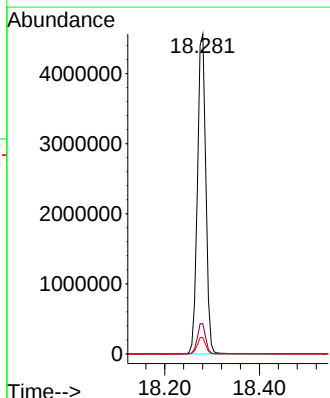
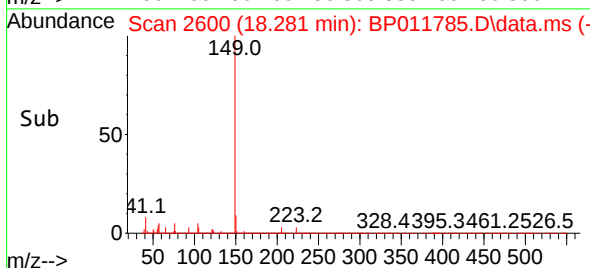
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

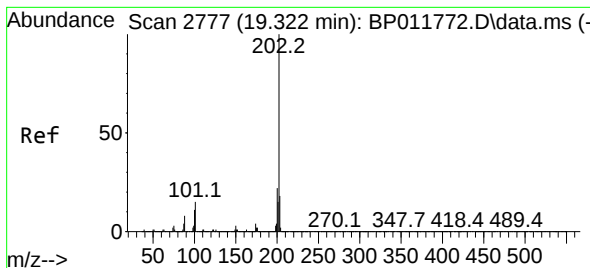


#74
 Di-n-butylphthalate
 Concen: 48.407 ng
 RT: 18.281 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BP011785.D
 Acq: 23 Sep 2022 16:19



Tgt Ion:149 Resp: 5598372
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.2 6.4





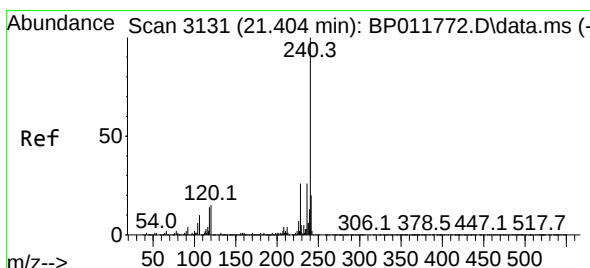
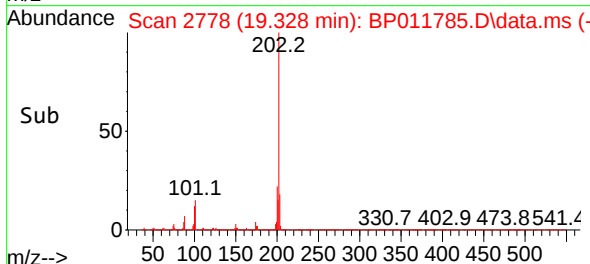
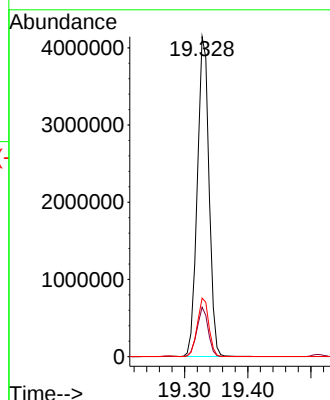
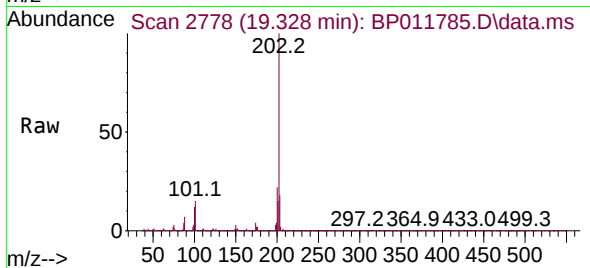
#75
Fluoranthene
Concen: 47.916 ng
RT: 19.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:202 Resp: 533929
Ion Ratio Lower Upper
202 100
101 15.4 0.0 35.5
203 18.3 0.0 38.1

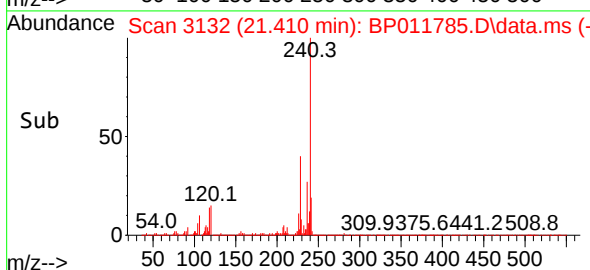
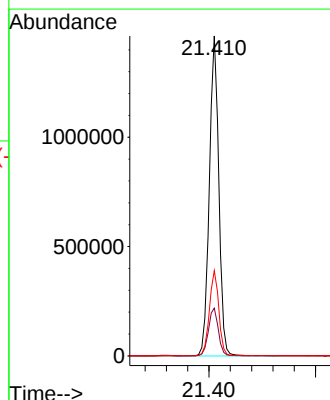
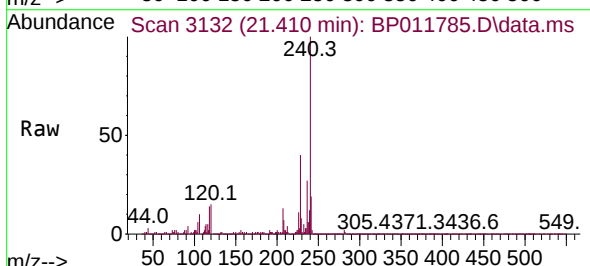
Manual Integrations
APPROVED

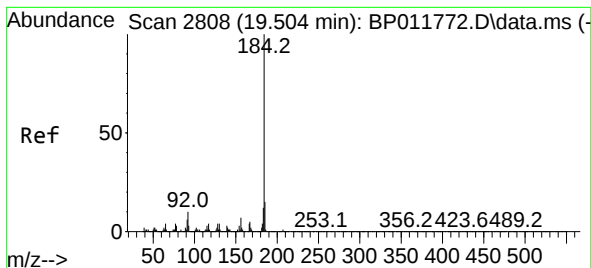
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:240 Resp: 1802745
Ion Ratio Lower Upper
240 100
120 14.9 12.0 18.0
236 26.6 21.1 31.7





#77

Benzidine

Concen: 125.520 ng

RT: 19.510 min Scan# 2809

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:184 Resp: 4391663

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

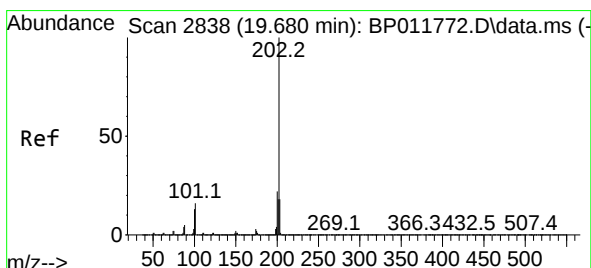
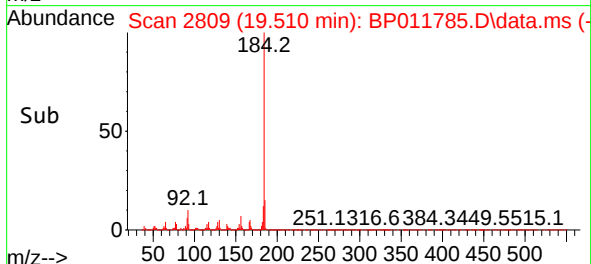
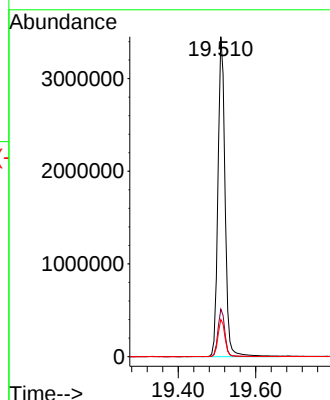
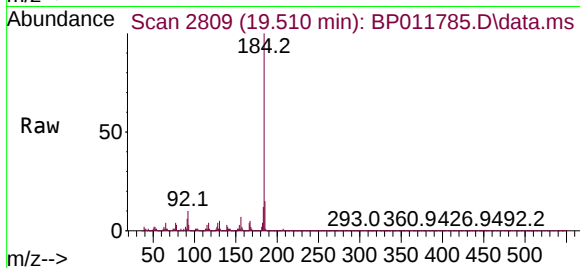
183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#78

Pyrene

Concen: 46.318 ng

RT: 19.681 min Scan# 2838

Delta R.T. 0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

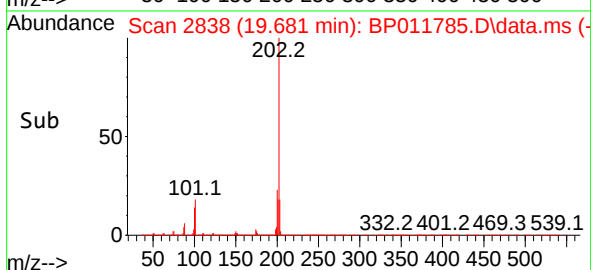
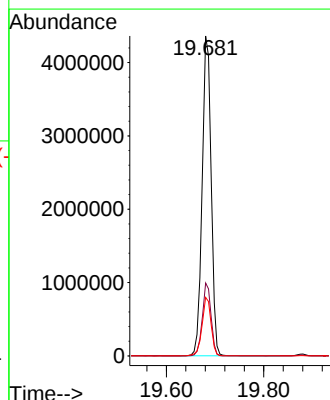
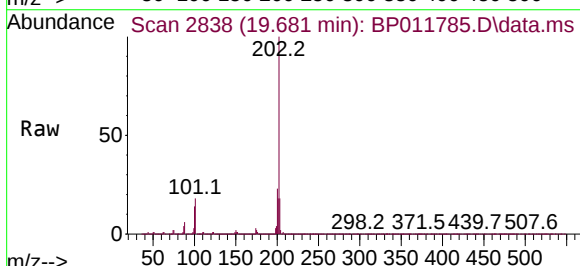
Tgt Ion:202 Resp: 5579475

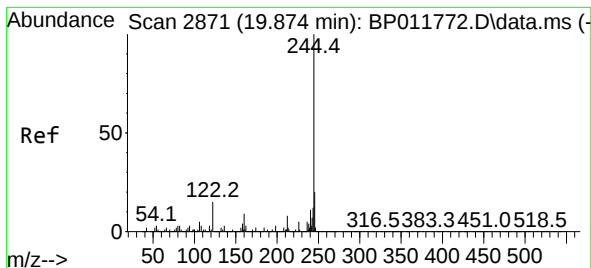
Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 92.760 ng

RT: 19.881 min Scan# 2871

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:244 Resp: 7272650

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

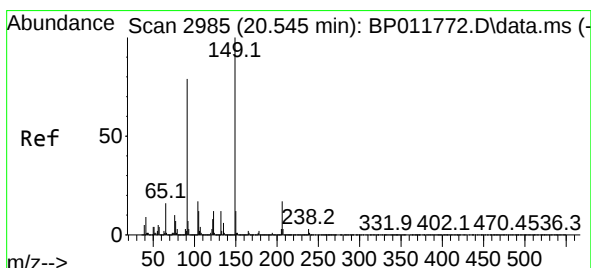
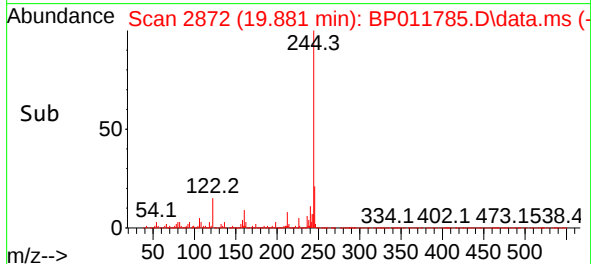
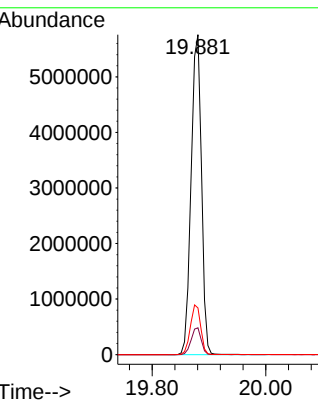
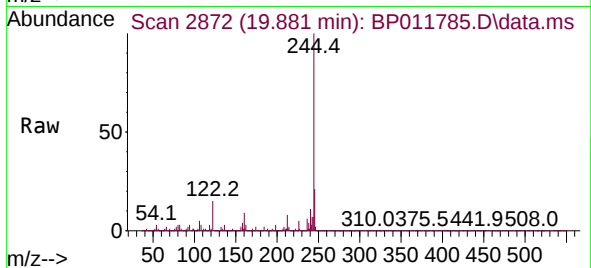
122 14.6 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#80

Butylbenzylphthalate

Concen: 44.369 ng

RT: 20.551 min Scan# 2986

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

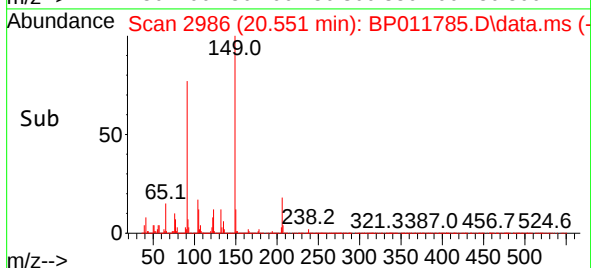
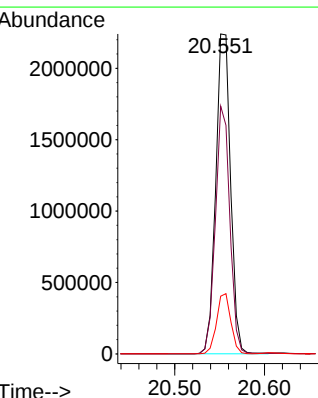
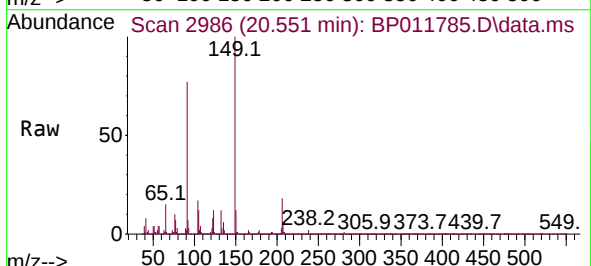
Tgt Ion:149 Resp: 2587120

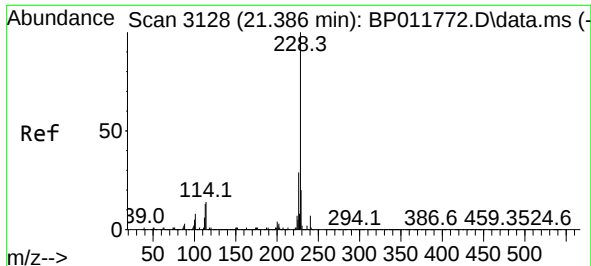
Ion Ratio Lower Upper

149 100

91 77.5 63.1 94.7

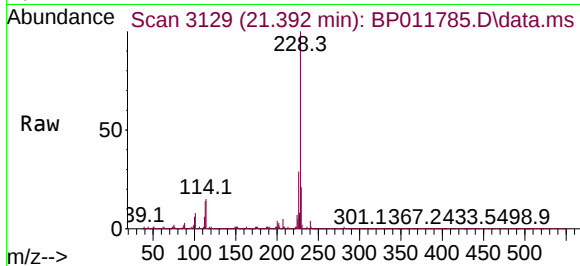
206 18.0 13.6 20.4





#81
Benzo(a)anthracene
Concen: 46.092 ng
RT: 21.392 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

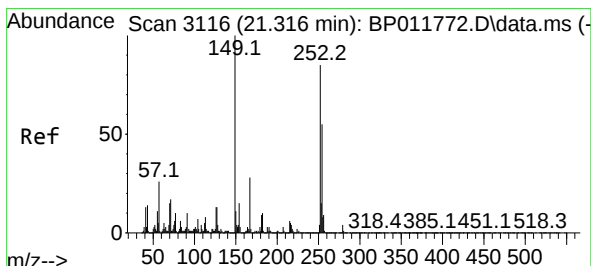
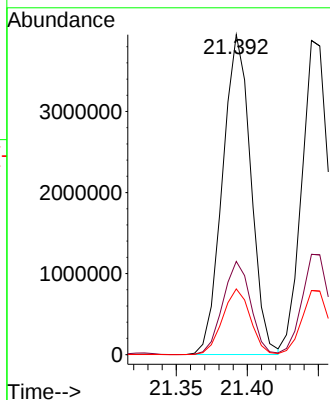
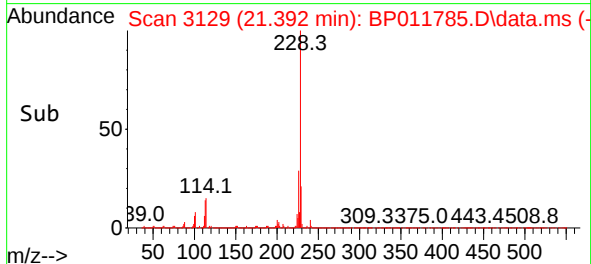
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



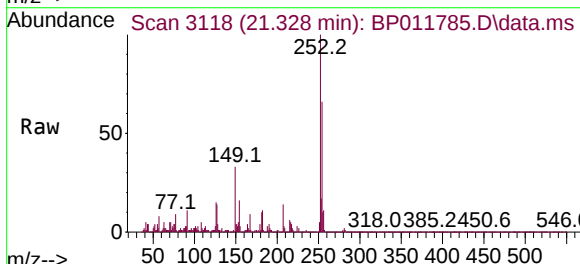
Tgt Ion:228 Resp: 5482410
Ion Ratio Lower Upper
228 100
226 29.1 23.1 34.7
229 20.5 16.3 24.5

Manual Integrations
APPROVED

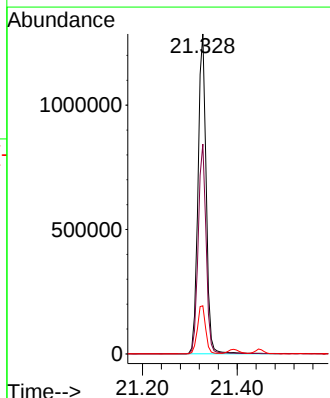
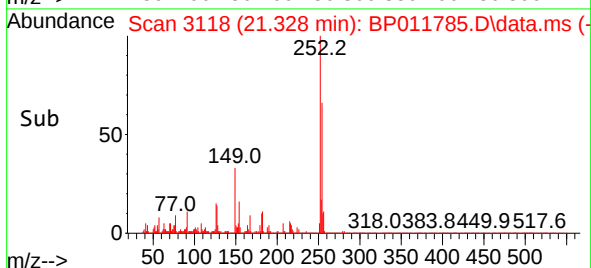
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

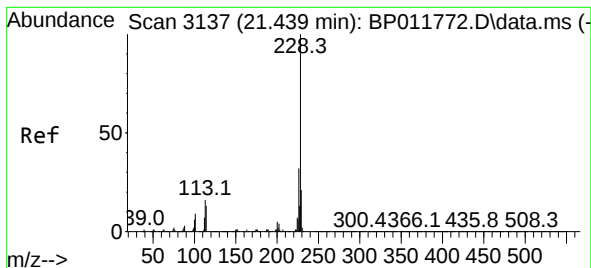


#82
3,3'-Dichlorobenzidine
Concen: 44.171 ng
RT: 21.328 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19



Tgt Ion:252 Resp: 1532252
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 15.0 12.6 18.8





#83

Chrysene

Concen: 45.238 ng

RT: 21.445 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:228 Resp: 5098502

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

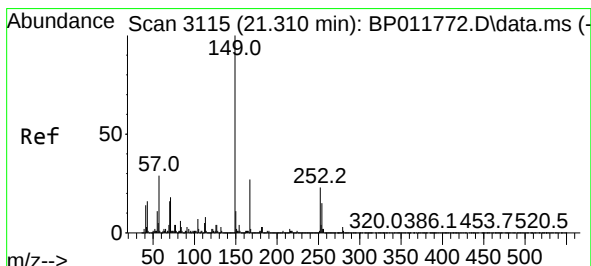
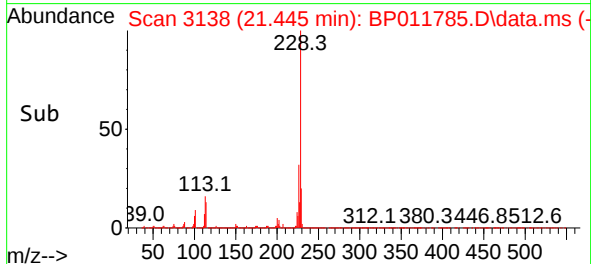
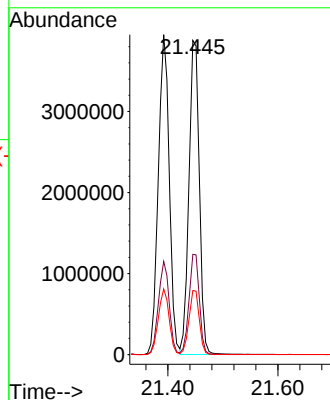
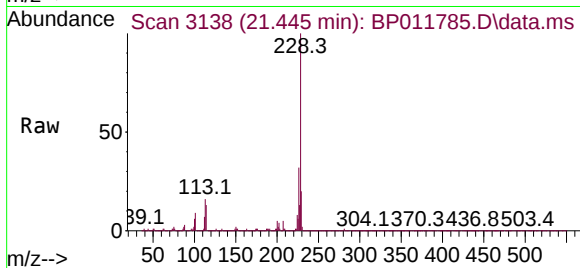
229 20.4 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.509 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

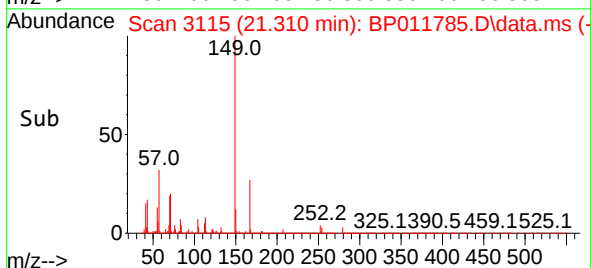
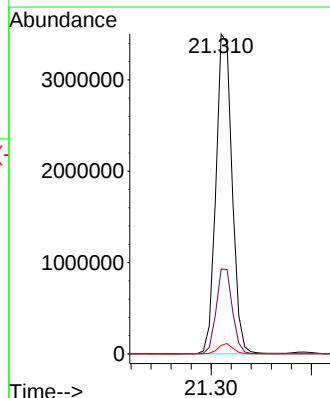
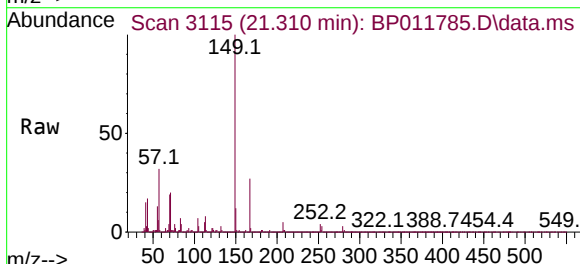
Tgt Ion:149 Resp: 3911440

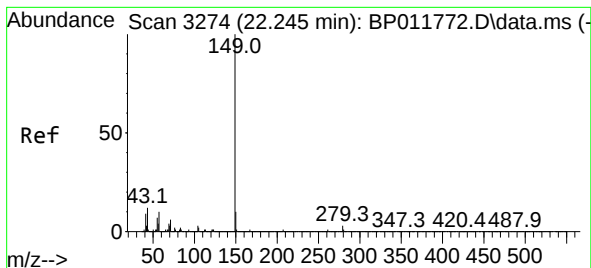
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

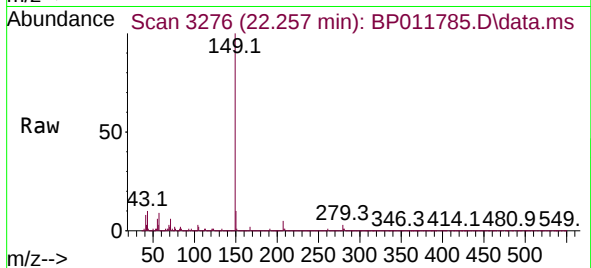
279 2.7 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 47.993 ng
RT: 22.257 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

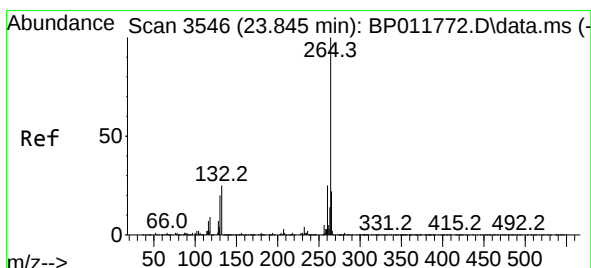
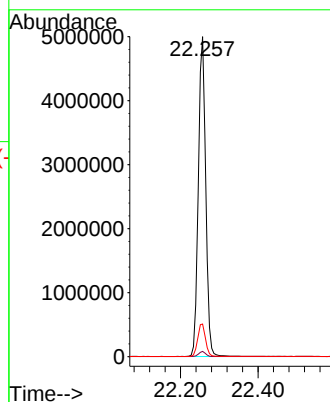
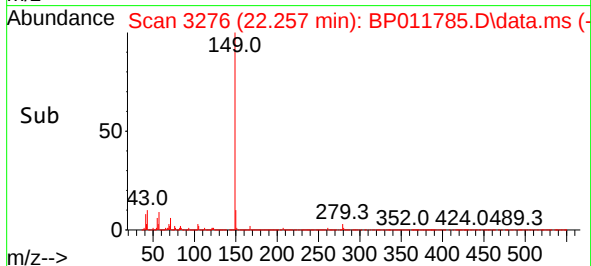
Instrument :
BNA_P
ClientSampleId :
PB147850BSD



Tgt Ion:149 Resp: 6596345
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.4 14.0

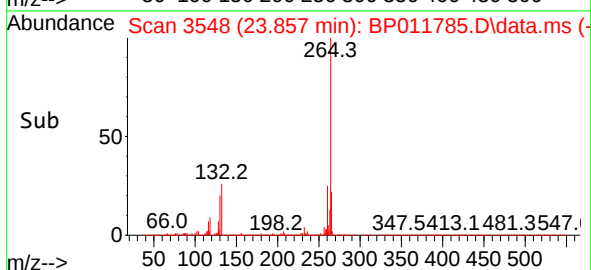
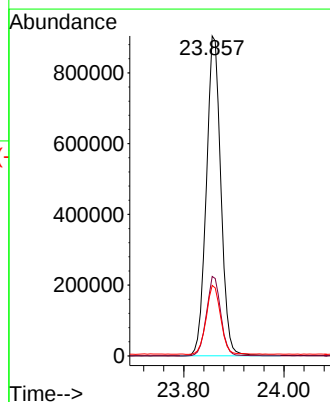
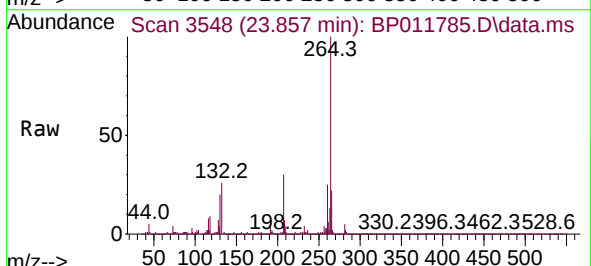
Manual Integrations
APPROVED

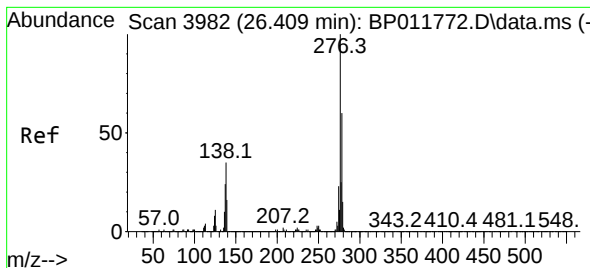
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.857 min Scan# 3548
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:264 Resp: 1815794
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.458 ng

RT: 26.433 min Scan# 3982

Delta R.T. 0.024 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

Instrument :

BNA_P

ClientSampleId :

PB147850BSD

Tgt Ion:276 Resp: 631670

Ion Ratio Lower Upper

276 100

138 36.9 29.7 44.5

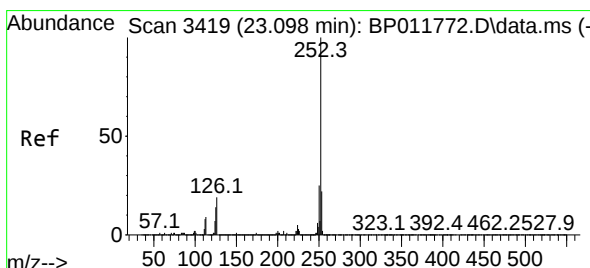
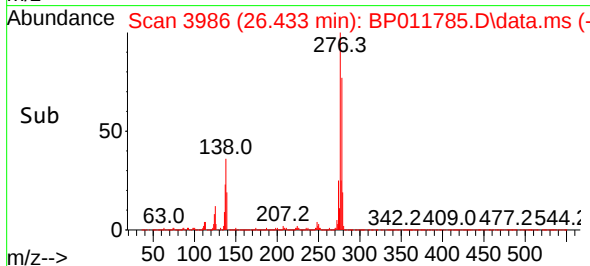
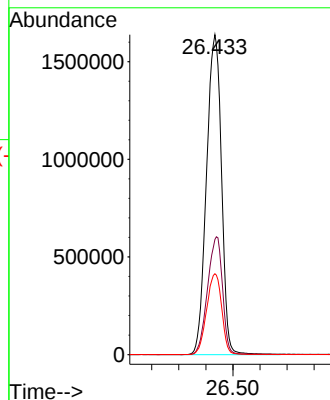
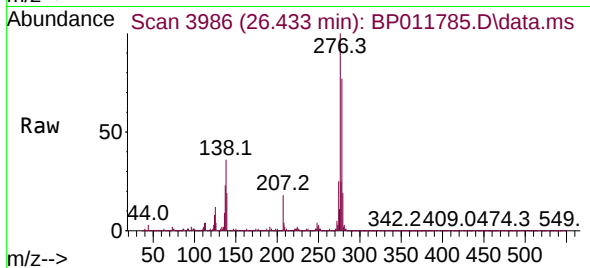
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#88

Benzo(b)fluoranthene

Concen: 49.341 ng

RT: 23.110 min Scan# 3421

Delta R.T. 0.012 min

Lab File: BP011785.D

Acq: 23 Sep 2022 16:19

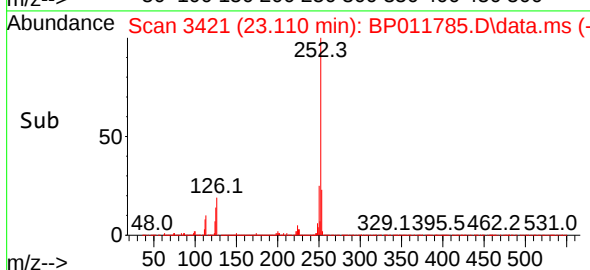
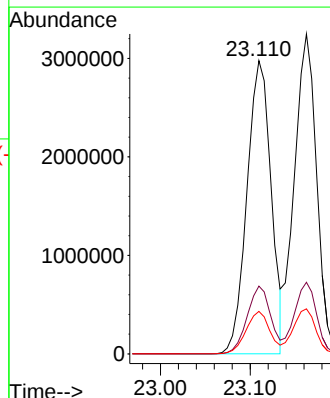
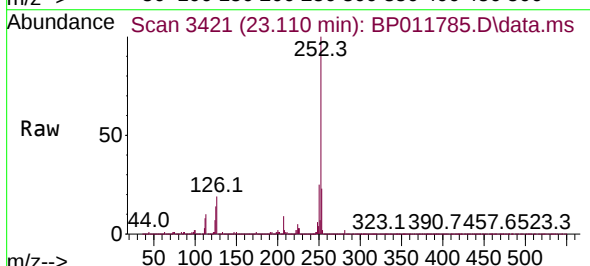
Tgt Ion:252 Resp: 5562550

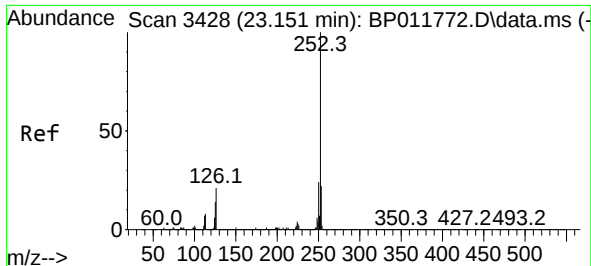
Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 14.5 11.6 17.4





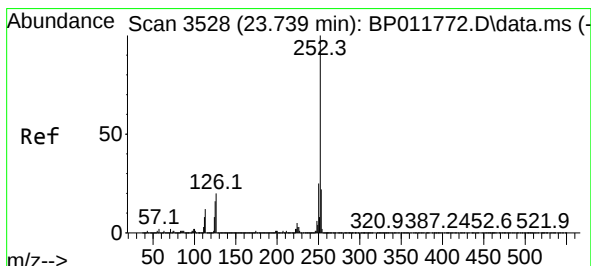
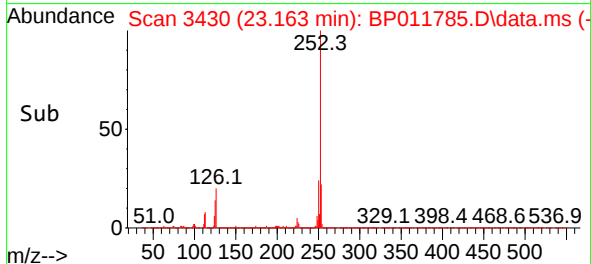
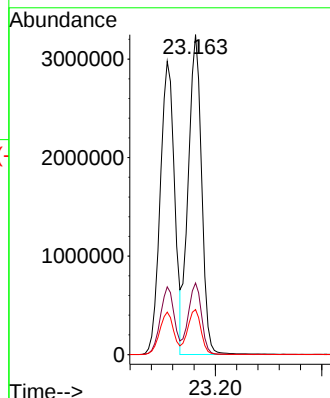
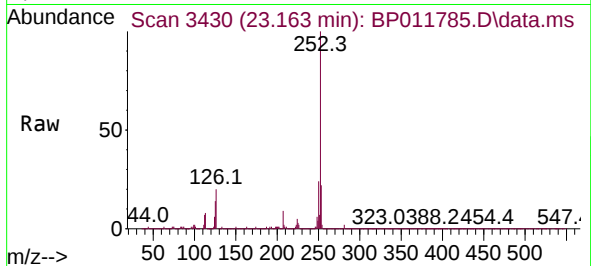
#89
Benzo(k)fluoranthene
Concen: 48.706 ng
RT: 23.163 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:252 Resp: 5626402
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 14.1 11.2 16.8

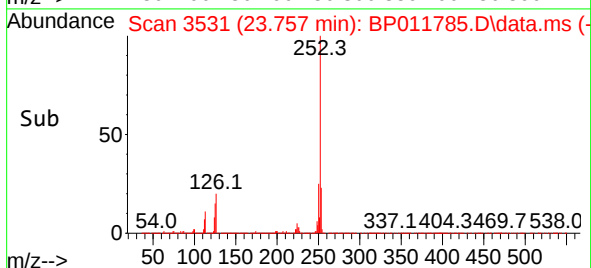
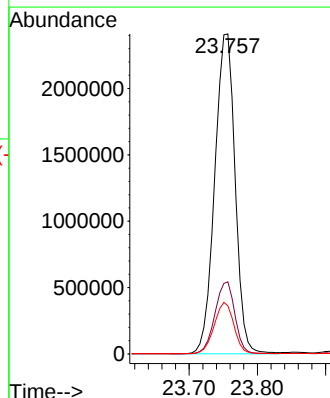
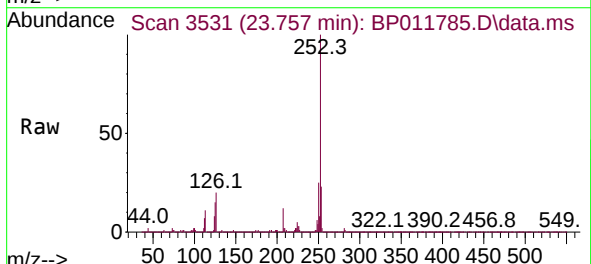
Manual Integrations
APPROVED

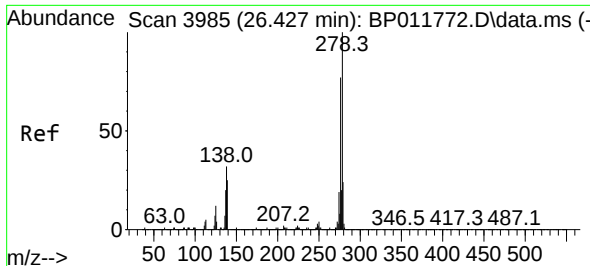
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#90
Benzo(a)pyrene
Concen: 52.284 ng
RT: 23.757 min Scan# 3531
Delta R.T. 0.018 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:252 Resp: 4986984
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 15.0 12.6 19.0





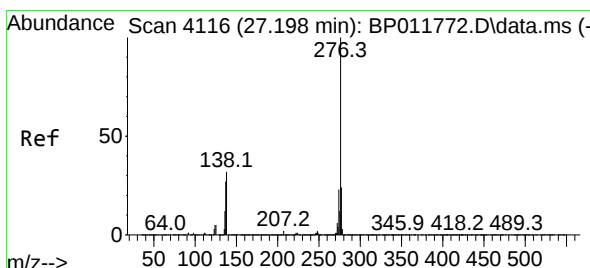
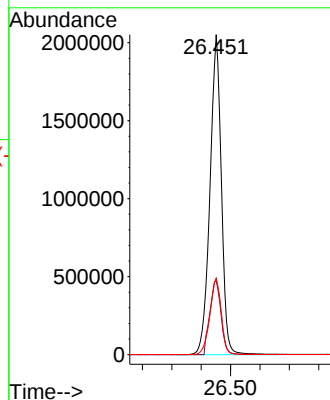
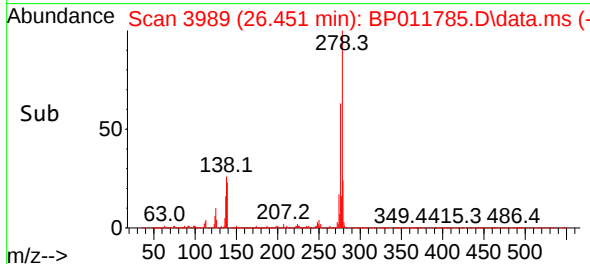
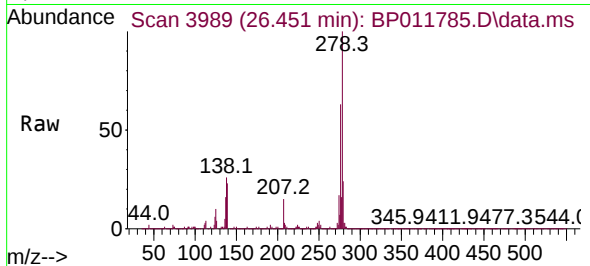
#91
Dibenzo(a,h)anthracene
Concen: 46.736 ng
RT: 26.451 min Scan# 3985
Delta R.T. 0.024 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Instrument :
BNA_P
ClientSampleId :
PB147850BSD

Tgt Ion:278 Resp: 5513173
Ion Ratio Lower Upper
278 100
139 23.1 19.6 29.4
279 23.9 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#92
Benzo(g,h,i)perylene
Concen: 46.582 ng
RT: 27.221 min Scan# 4120
Delta R.T. 0.024 min
Lab File: BP011785.D
Acq: 23 Sep 2022 16:19

Tgt Ion:276 Resp: 5319330
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 30.5 25.6 38.4

