

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101123\
 Data File : BP017653.D
 Acq On : 11 Oct 2023 18:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020777

Quant Time: Oct 12 02:24:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	113689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	478894	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	333679	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	806417	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	896375	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	998325	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	25694	9.169	ng/uL	0.00
4) Pyridine-d5	3.717	84	169101	21.436	ng/u1	0.00
7) Phenol-d5	7.075	99	204454	21.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	130708	21.921	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	169890	22.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	169903	21.939	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	81959	22.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	89307	22.036	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	179521	22.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	251314	22.417	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	590331	22.282	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	639336	22.165	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	75092	18.701	ng/u1	0.00
60) Fluorene-d10	15.622	176	519912	22.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	72754	15.210	ng/u1	0.00
73) Anthracene-d10	17.510	188	880898	22.762	ng/u1	0.00
81) Pyrene-d10	19.763	212	1096053	21.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1148592	22.192	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	26212	8.794	ng/uL	99
5) Pyridine	3.734	79	179137	21.942	ng/u1	97
6) Benzaldehyde	7.081	77	122541	25.989	ng/u1	96
8) Phenol	7.105	94	207606	21.309	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	173737	22.177	ng/u1	96
12) 2-Chlorophenol	7.475	128	168842	21.865	ng/u1	98
13) 2-Methylphenol	8.375	108	154720	21.396	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	124174	12.100	ng/u1	98
16) Acetophenone	8.781	105	274842	22.595	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.746	70	142296	23.153	ng/u1	96
18) 4-Methylphenol	8.710	108	169276	21.446	ng/u1	98
19) Hexachloroethane	8.987	117	74135	21.796	ng/u1	96
22) Nitrobenzene	9.175	77	223982	23.022	ng/u1	95
23) Isophorone	9.687	82	384865	22.595	ng/u1	99
25) 2-Nitrophenol	9.881	139	96999	22.191	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	199463	22.336	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.175	93	236150	22.277	ng/u1	97
29) 2,4-Dichlorophenol	10.404	162	178553	22.956	ng/u1	98
30) Naphthalene	10.810	128	583151	21.876	ng/u1	100
32) 4-Chloroaniline	10.952	127	242662	22.264	ng/u1	99
33) Hexachlorobutadiene	11.034	225	131950	22.343	ng/u1	93
34) Caprolactam	11.787	113	50643	22.027	ng/u1	99
35) 4-Chloro-3-methylphenol	12.063	107	186428	22.914	ng/u1	98
36) 2-Methylnaphthalene	12.428	142	409493	22.506	ng/u1	98

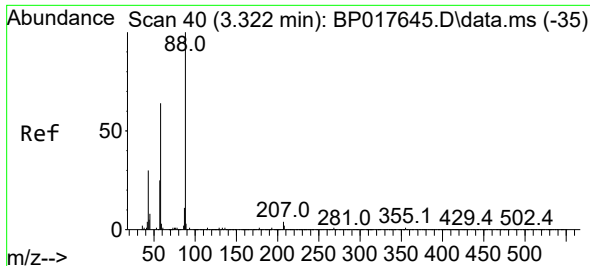
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	425495	22.685	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	251219	21.959	ng/ul	97
40) Hexachlorocyclopentadiene	12.716	237	106126	18.408	ng/ul	96
41) 2,4,6-Trichlorophenol	13.040	196	151165	21.530	ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	159275	21.518	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	566111	21.606	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	448023	21.276	ng/ul	99
45) 2-Nitroaniline	13.740	65	124620	22.587	ng/ul	97
47) Dimethylphthalate	14.081	163	592738	22.273	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	108970	22.498	ng/ul	99
50) Acenaphthylene	14.345	152	737048	22.194	ng/ul	100
51) 3-Nitroaniline	14.575	138	104624	23.285	ng/ul	99
52) Acenaphthene	14.681	153	490954	21.853	ng/ul	98
53) 2,4-Dinitrophenol	14.792	184	19122	6.307	ng/ul	93
55) 4-Nitrophenol	14.875	109	75694	20.592	ng/ul	92
56) Dibenzofuran	15.022	168	712809	22.117	ng/ul	97
57) 2,4-Dinitrotoluene	15.022	165	175377	23.980	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.245	232	154641	22.983	ng/ul	97
59) Diethylphthalate	15.445	149	612560	22.983	ng/ul	99
61) Fluorene	15.681	166	589523	22.288	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	316094	22.480	ng/ul	98
63) 4-Nitroaniline	15.757	138	98987	23.547	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.781	198	78795	15.439	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	508490	22.369	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	201224	22.030	ng/ul	98
69) Hexachlorobenzene	16.663	284	243886	22.416	ng/ul	96
70) Atrazine	16.863	200	194206	21.950	ng/ul	99
71) Pentachlorophenol	17.034	266	130389	20.551	ng/ul	96
72) Phenanthrene	17.451	178	994397	22.053	ng/ul	100
74) Anthracene	17.545	178	1032242	22.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	251914	20.776	ng/uL	98
76) Pentachlorobenzene	14.910	250	269430	21.796	ng/uL	99
77) Carbazole	17.839	167	904290	22.501	ng/ul	98
78) Di-n-butylphthalate	18.351	149	1051408	22.741	ng/ul	99
80) Fluoranthene	19.433	202	1261364	21.280	ng/ul	99
82) Pyrene	19.798	202	1333395	21.307	ng/ul	98
83) Butylbenzylphthalate	20.669	149	471820	21.334	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	408248	21.712	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1414026	21.781	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	665477	21.368	ng/ul	98
87) Chrysene	21.592	228	1324933	21.838	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1140533	19.284	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1426978	22.099	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1388173	21.332	ng/ul	100
93) Benzo(a)pyrene	24.010	252	1324382	22.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	1559236	21.714	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1294893	22.019	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	1278020	21.839	ng/ul	98

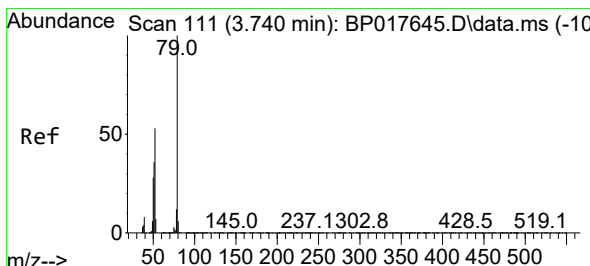
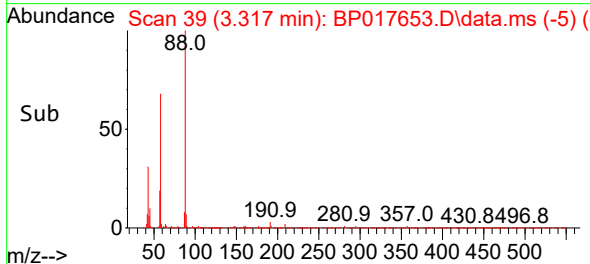
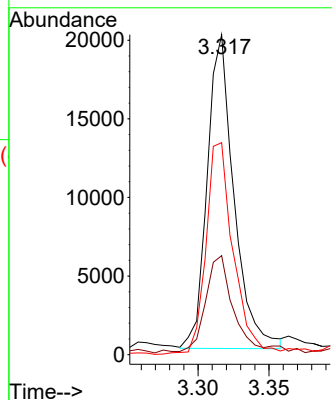
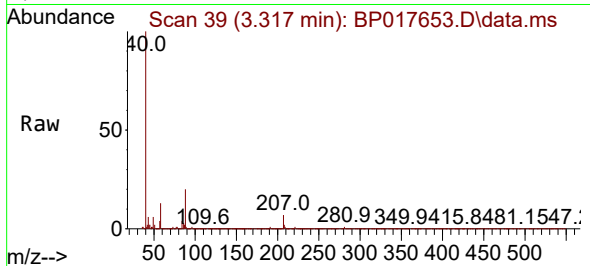
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#2
1,4-Dioxane
Concen: 8.794 ng/uL
RT: 3.317 min Scan# 39
Delta R.T. -0.000 min
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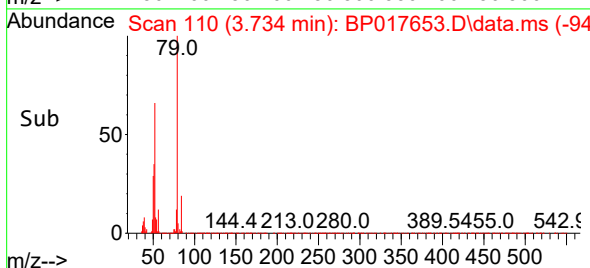
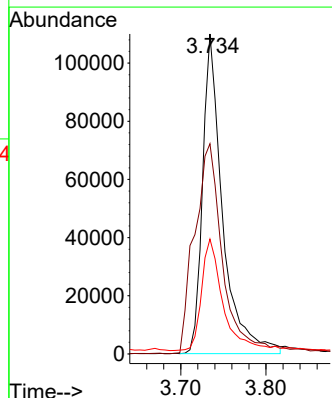
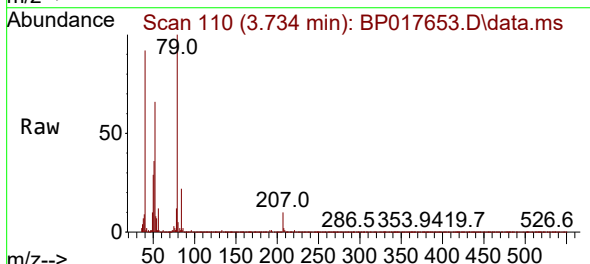
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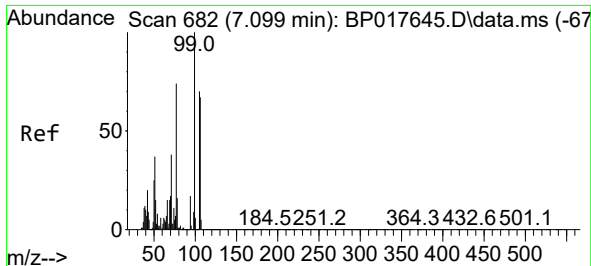
Tgt Ion: 88 Resp: 26212
Ion Ratio Lower Upper
88 100
43 31.0 24.3 36.5
58 66.3 53.4 80.0



#5
Pyridine
Concen: 21.942 ng/uL
RT: 3.734 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion: 79 Resp: 179137
Ion Ratio Lower Upper
79 100
52 65.7 55.4 83.2
51 35.9 28.2 42.2

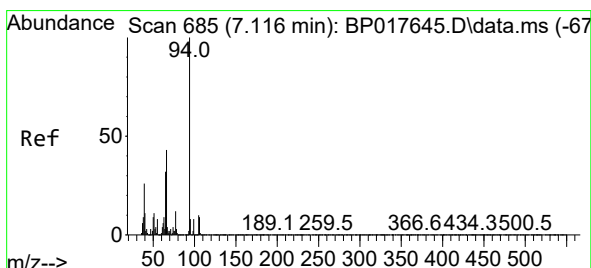
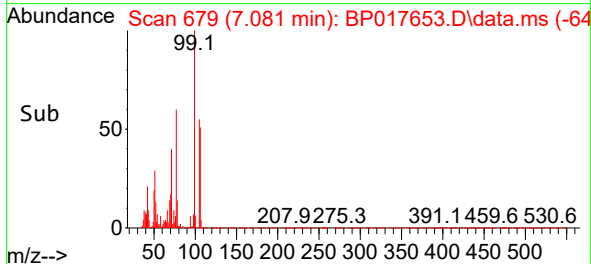
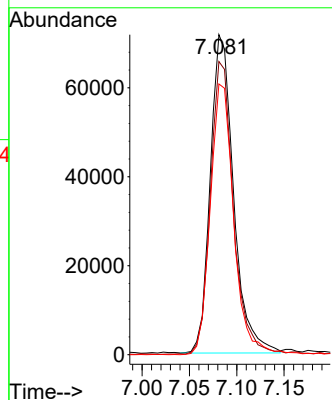
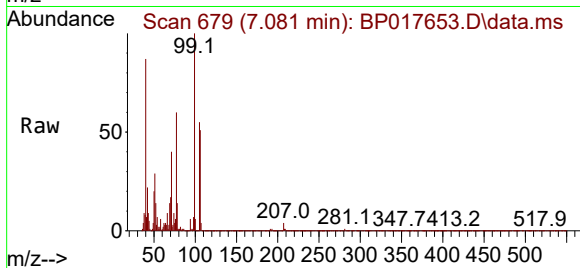




#6
Benzaldehyde
Concen: 25.989 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

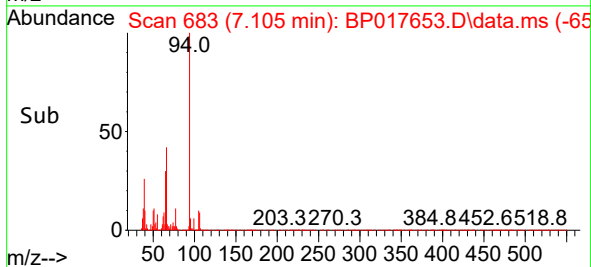
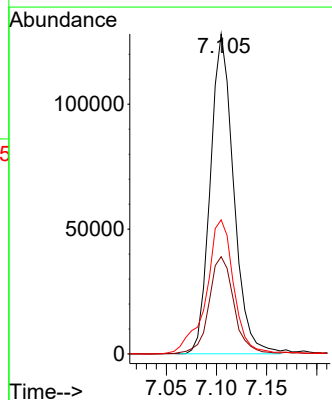
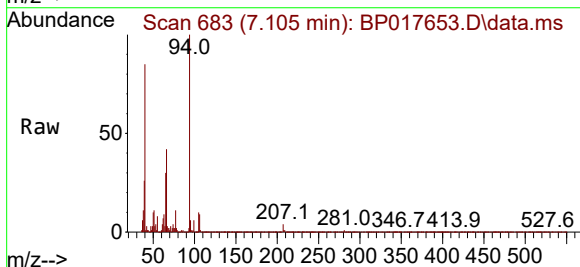
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ClientSampleId :
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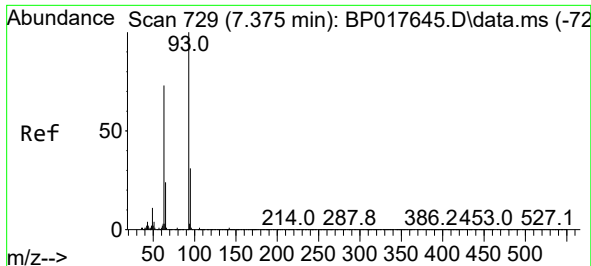
Tgt Ion: 77 Resp: 122541
Ion Ratio Lower Upper
77 100
105 91.6 75.0 112.6
106 84.6 71.8 107.6



#8
Phenol
Concen: 21.309 ng/ul
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion: 94 Resp: 207606
Ion Ratio Lower Upper
94 100
65 30.4 24.2 36.4
66 41.9 33.0 49.4

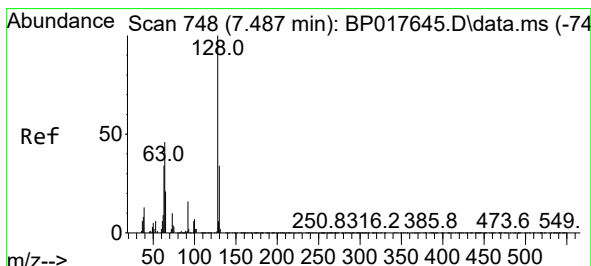
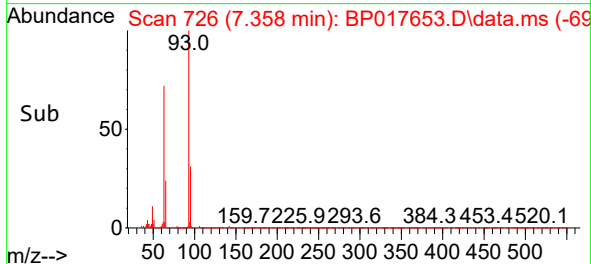
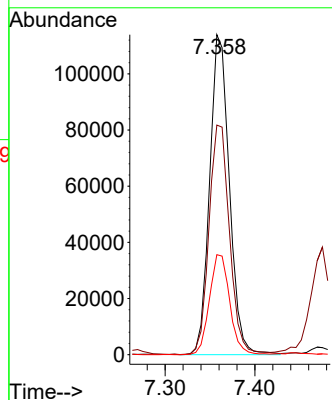
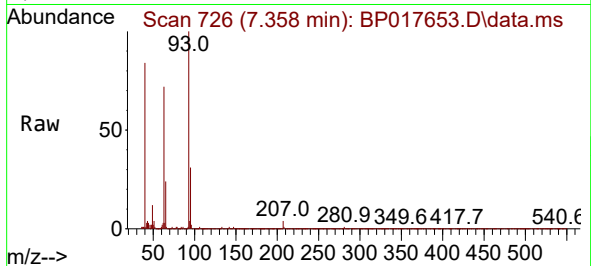




#10
Bis(2-Chloroethyl)ether
Concen: 22.177 ng/ul
RT: 7.358 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

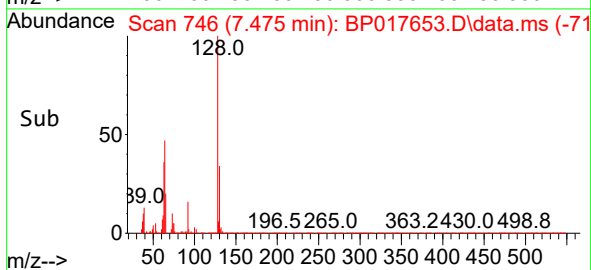
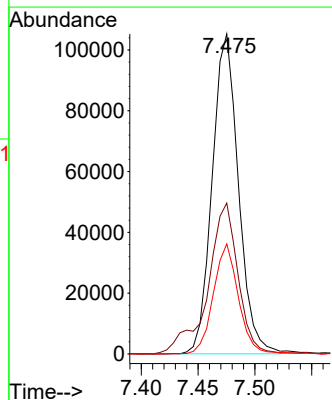
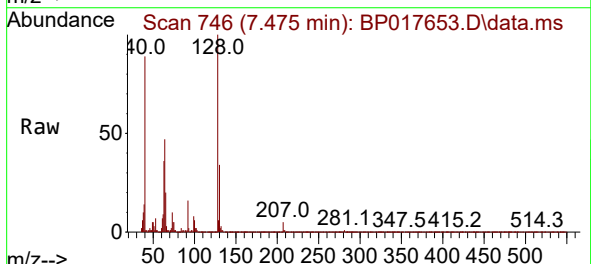
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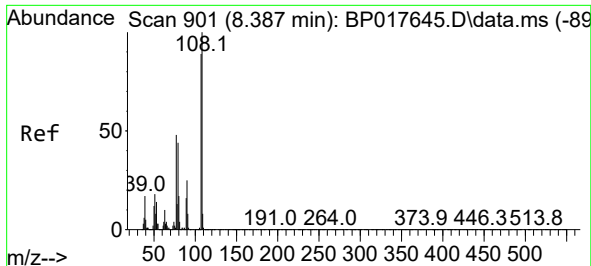
Tgt Ion: 93 Resp: 173737
Ion Ratio Lower Upper
93 100
63 71.7 59.9 89.9
95 31.2 27.2 40.8



#12
2-Chlorophenol
Concen: 21.865 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:128 Resp: 168842
Ion Ratio Lower Upper
128 100
64 47.2 37.0 55.4
130 34.4 25.8 38.6





#13

2-Methylphenol

Concen: 21.396 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

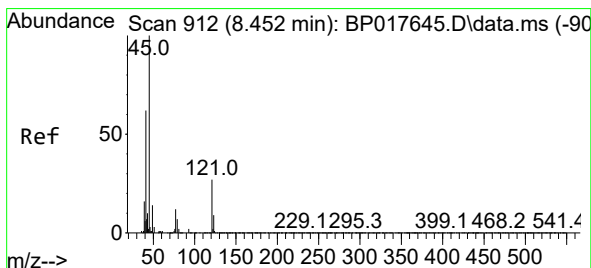
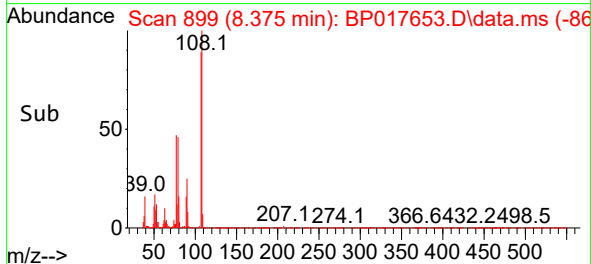
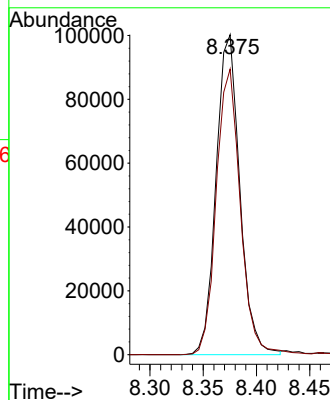
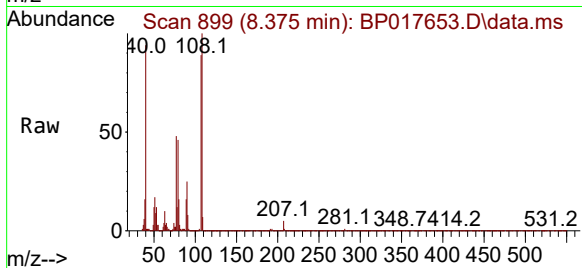
SSTD020777

Tgt Ion:108 Resp: 154720

Ion Ratio Lower Upper

108 100

107 89.2 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.100 ng/ul

RT: 8.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

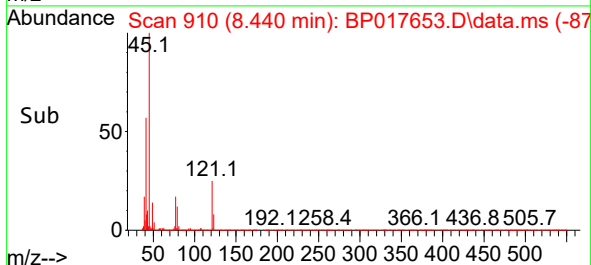
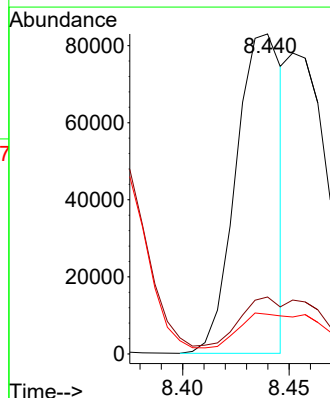
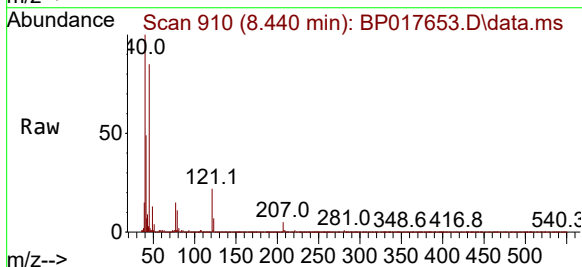
Tgt Ion: 45 Resp: 124174

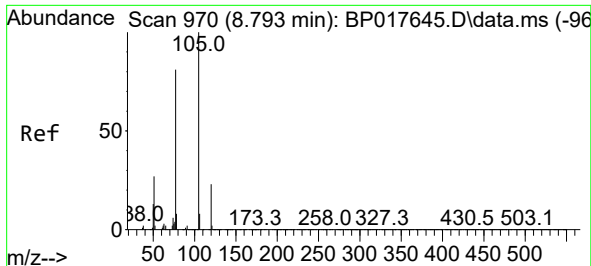
Ion Ratio Lower Upper

45 100

77 17.8 13.4 20.2

79 12.4 10.4 15.6

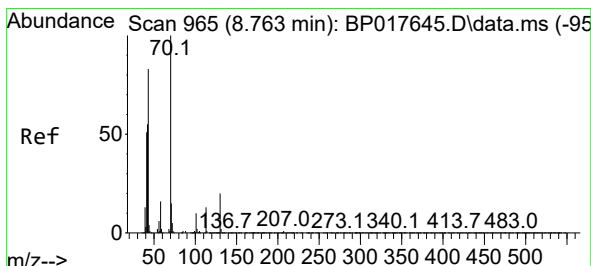
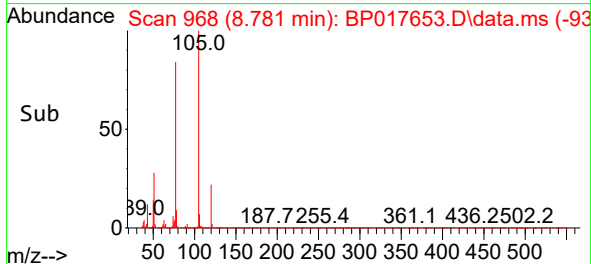
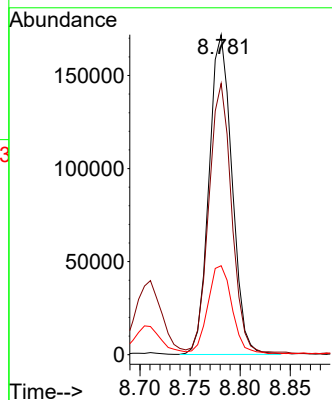
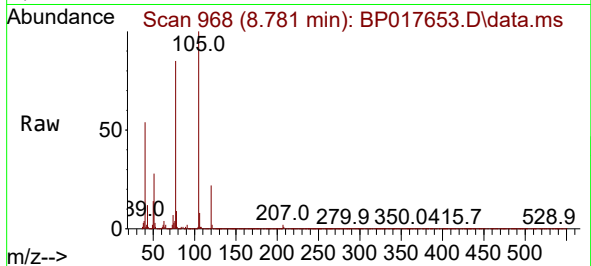




#16
Acetophenone
Concen: 22.595 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP017653.D
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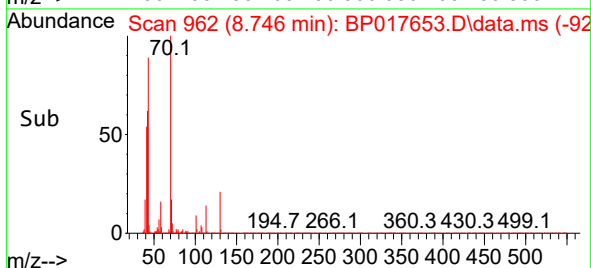
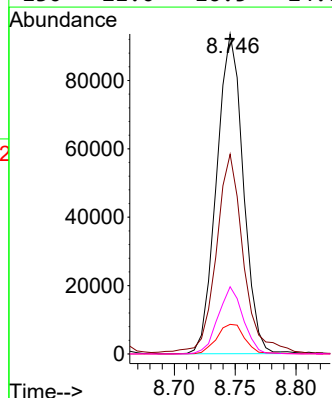
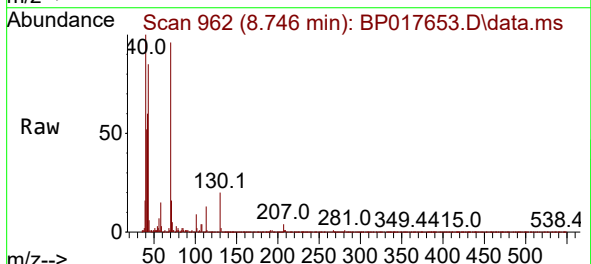
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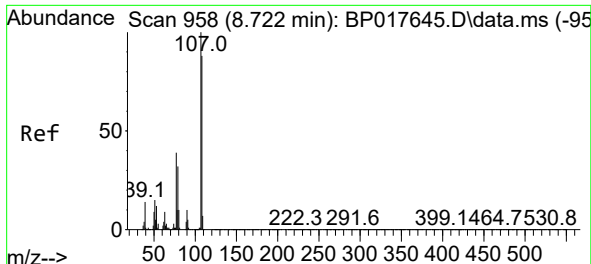
Tgt Ion:105 Resp: 274842
Ion Ratio Lower Upper
105 100
77 84.7 66.0 99.0
51 27.8 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 23.153 ng/ul
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion: 70 Resp: 142296
Ion Ratio Lower Upper
70 100
42 62.4 46.8 70.2
101 9.3 8.3 12.5
130 21.0 16.5 24.7

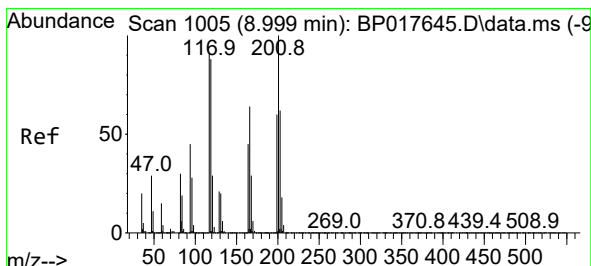
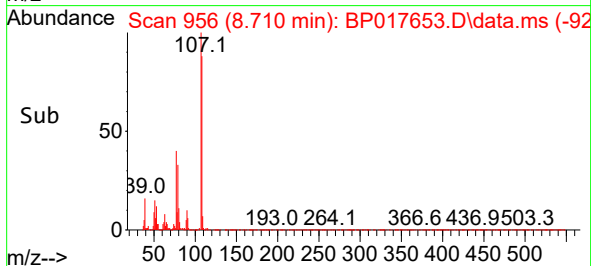
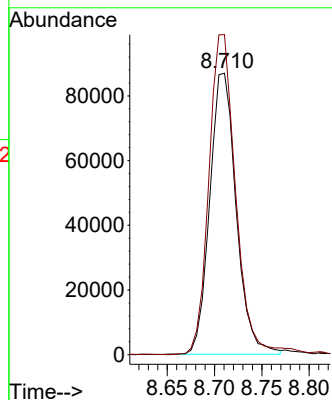
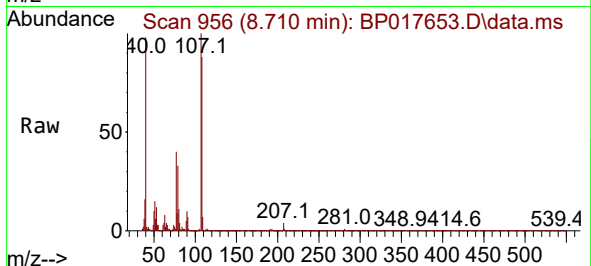




#18
4-Methylphenol
Concen: 21.446 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

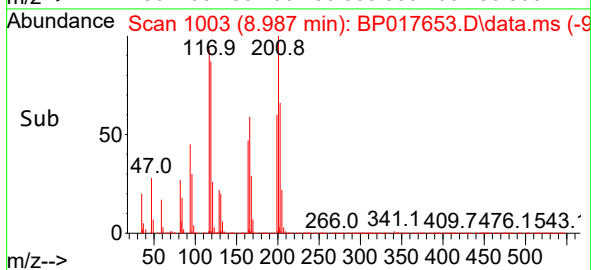
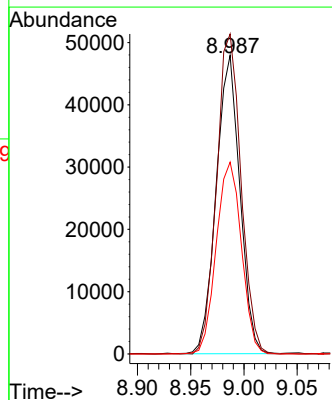
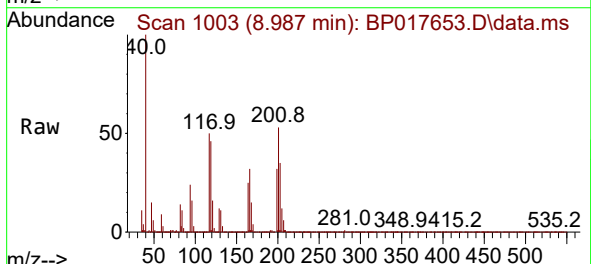
Instrument :
BNA_P
ClientSampleId :
SSTD020777

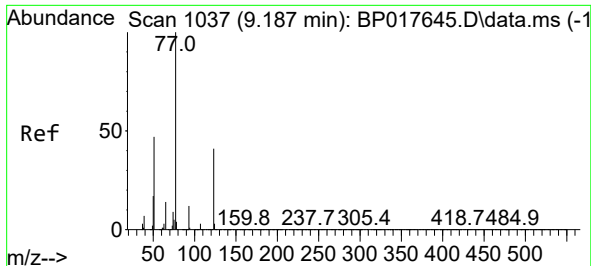
Tgt Ion:108 Resp: 169276
Ion Ratio Lower Upper
108 100
107 113.7 89.0 133.6



#19
Hexachloroethane
Concen: 21.796 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:117 Resp: 74135
Ion Ratio Lower Upper
117 100
201 107.1 80.9 121.3
199 64.2 52.0 78.0

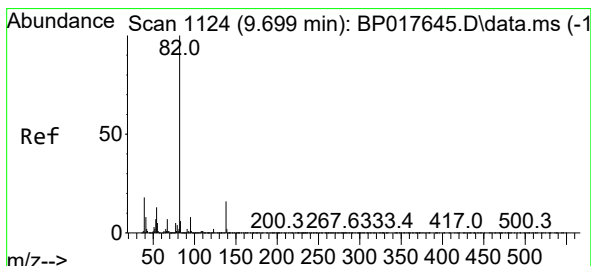
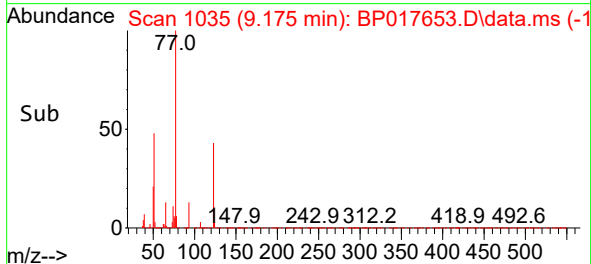
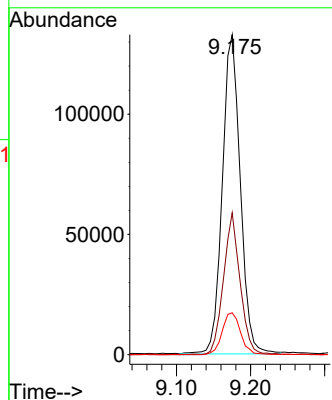
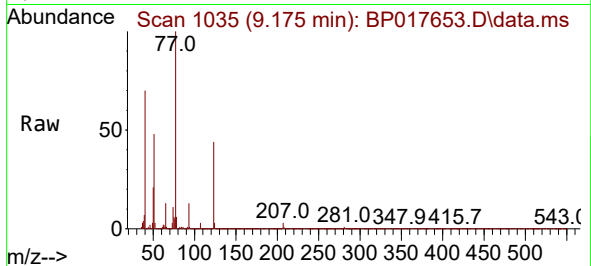




#22
Nitrobenzene
Concen: 23.022 ng/ul
RT: 9.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

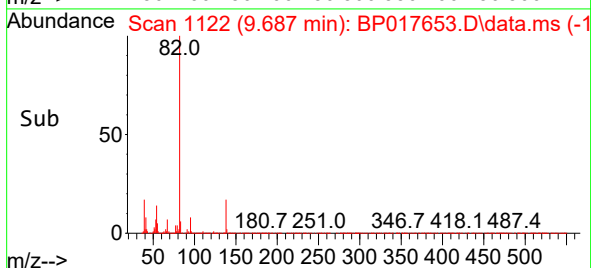
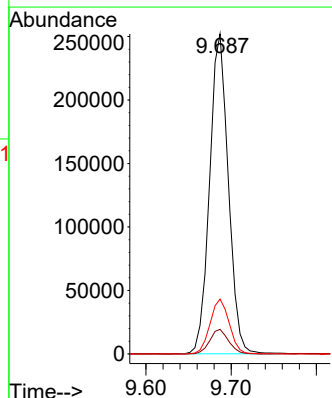
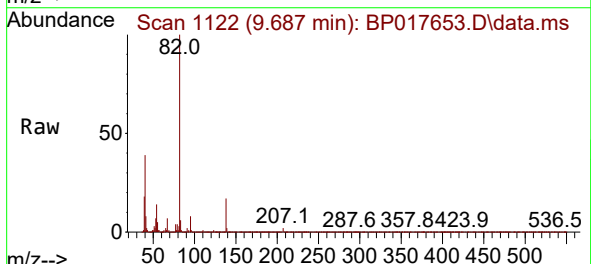
Instrument :
BNA_P
ClientSampleId :
SSTD020777

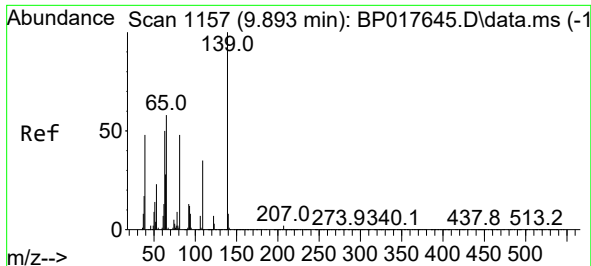
Tgt Ion: 77 Resp: 223982
Ion Ratio Lower Upper
77 100
123 44.4 32.5 48.7
65 13.1 10.2 15.4



#23
Isophorone
Concen: 22.595 ng/ul
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion: 82 Resp: 384865
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 17.1 14.1 21.1

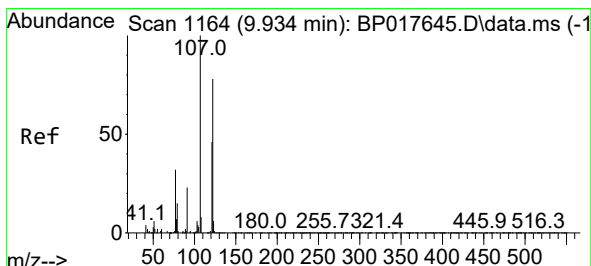
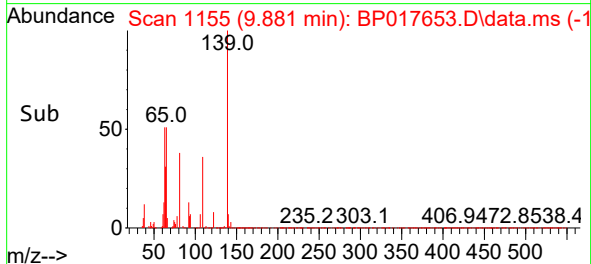
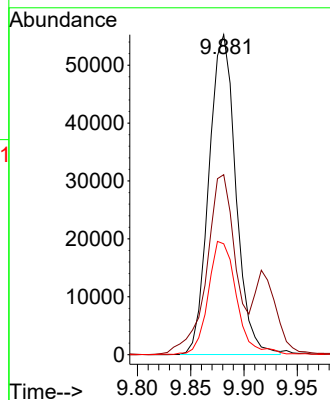
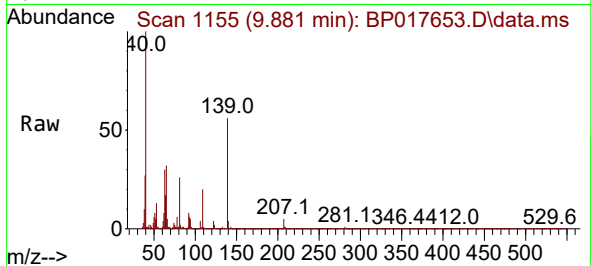




#25
2-Nitrophenol
Concen: 22.191 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

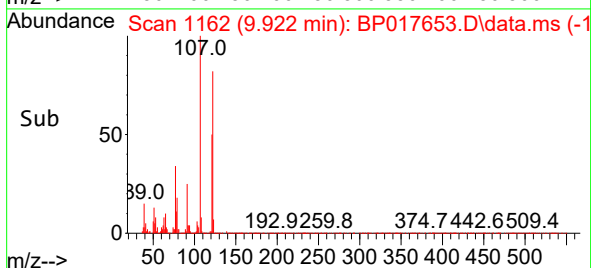
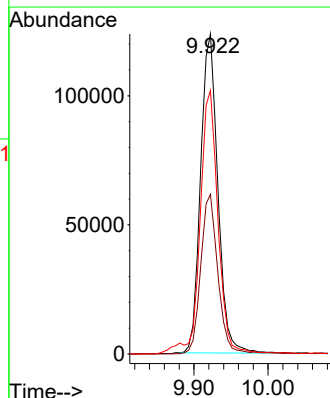
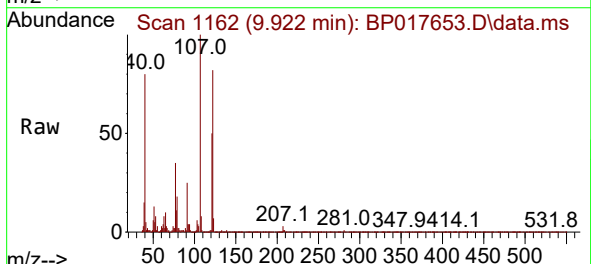
Instrument :
BNA_P
ClientSampleId :
SSTD020777

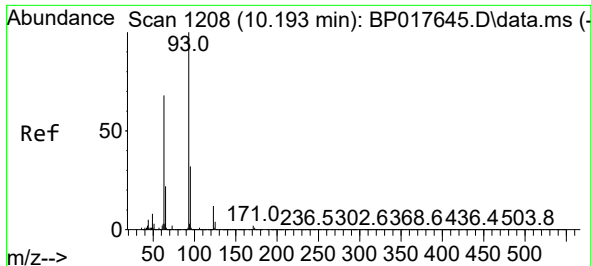
Tgt Ion:139 Resp: 96999
Ion Ratio Lower Upper
139 100
65 56.3 46.1 69.1
109 34.6 29.6 44.4



#26
2,4-Dimethylphenol
Concen: 22.336 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:107 Resp: 199463
Ion Ratio Lower Upper
107 100
121 49.9 38.0 57.0
122 82.4 65.6 98.4





#27

Bis(2-Chloroethoxy)methane

Concen: 22.277 ng/ul

RT: 10.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

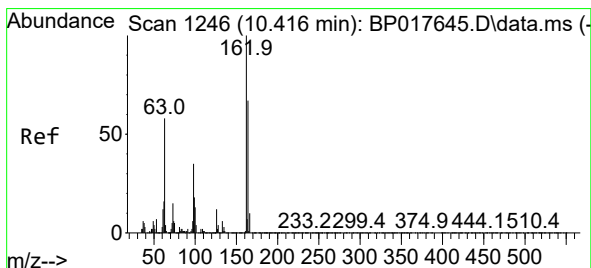
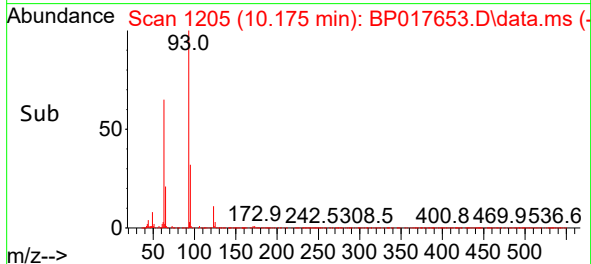
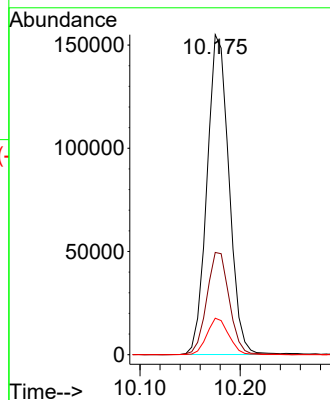
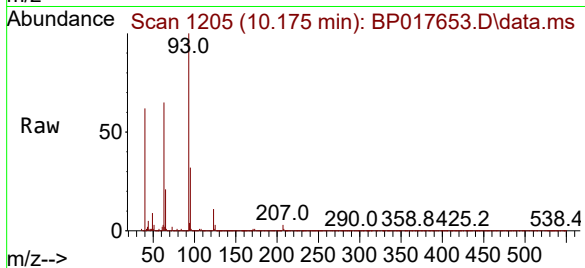
Tgt Ion: 93 Resp: 236150

Ion Ratio Lower Upper

93 100

95 32.0 27.0 40.4

123 11.4 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 22.956 ng/ul

RT: 10.404 min Scan# 1244

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

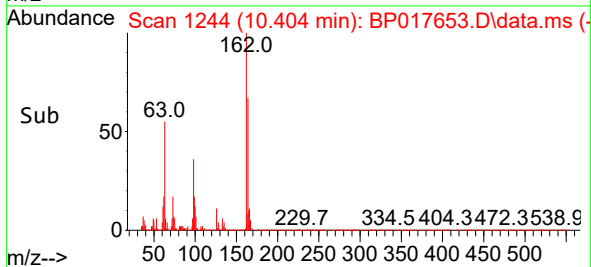
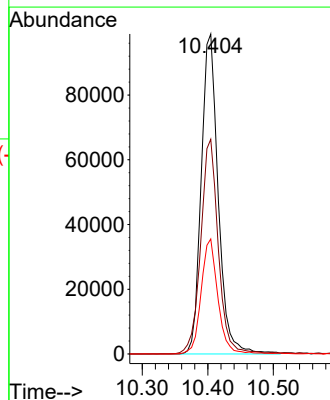
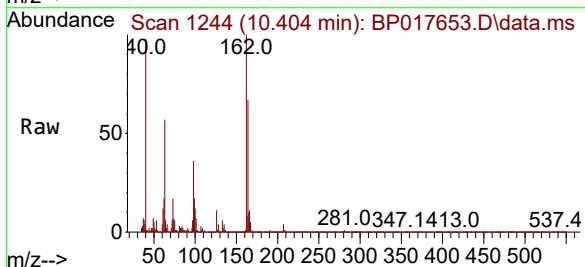
Tgt Ion: 162 Resp: 178553

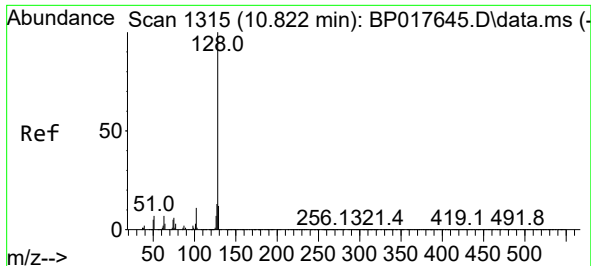
Ion Ratio Lower Upper

162 100

164 67.1 51.9 77.9

98 35.9 28.6 43.0

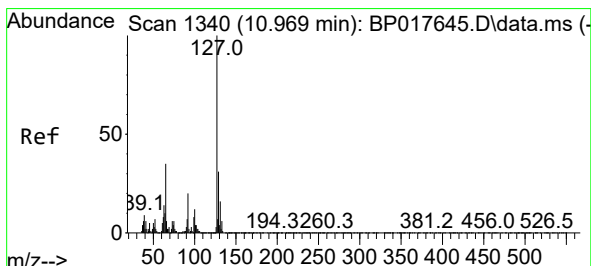
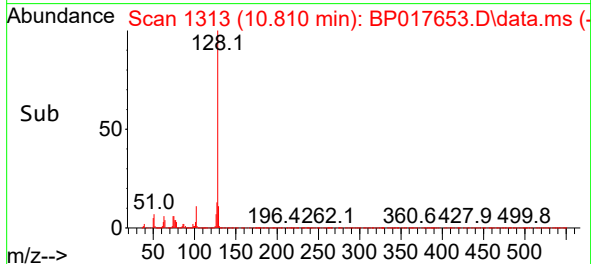
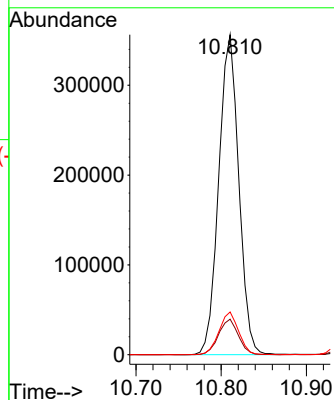
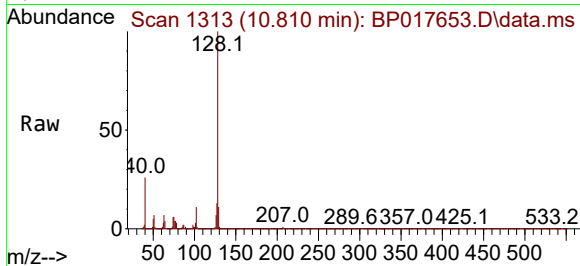




#30
Naphthalene
Concen: 21.876 ng/ul
RT: 10.810 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

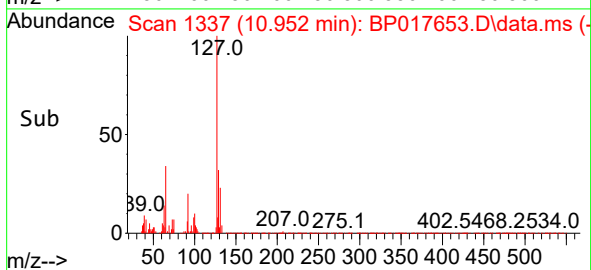
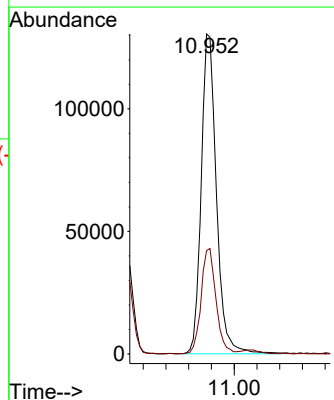
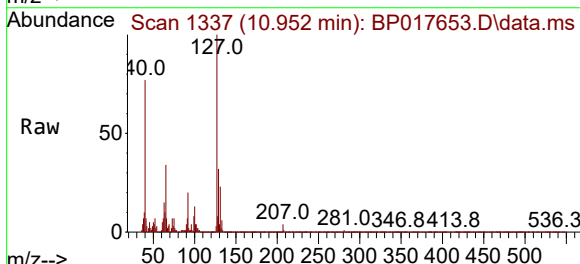
Instrument :
BNA_P
ClientSampleId :
SSTD020777

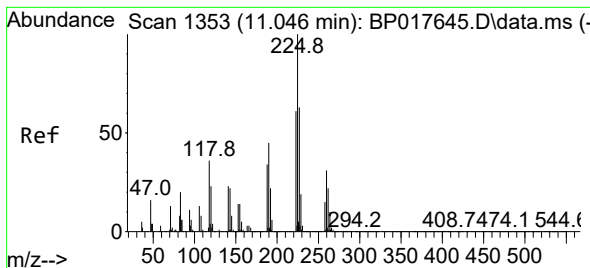
Tgt Ion:128 Resp: 583151
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.6 16.0



#32
4-Chloroaniline
Concen: 22.264 ng/ul
RT: 10.952 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:127 Resp: 242662
Ion Ratio Lower Upper
127 100
129 32.3 26.5 39.7

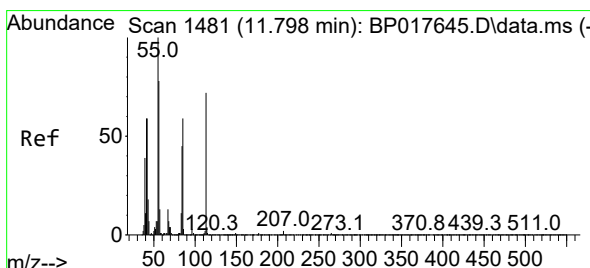
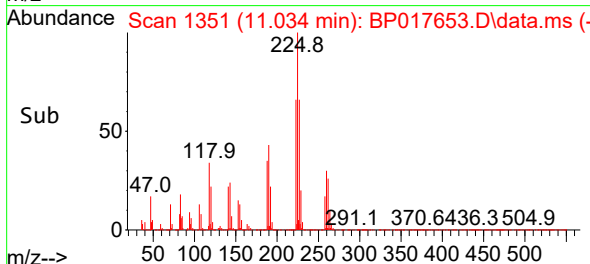
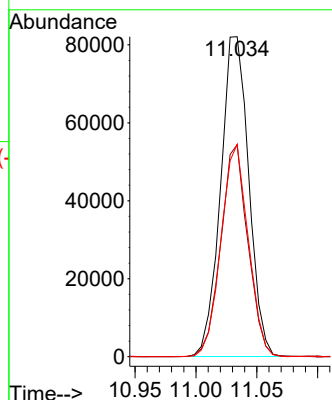
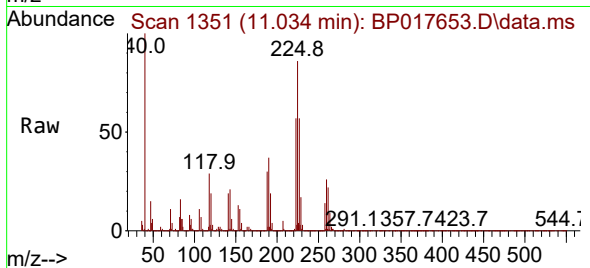




#33
Hexachlorobutadiene
Concen: 22.343 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

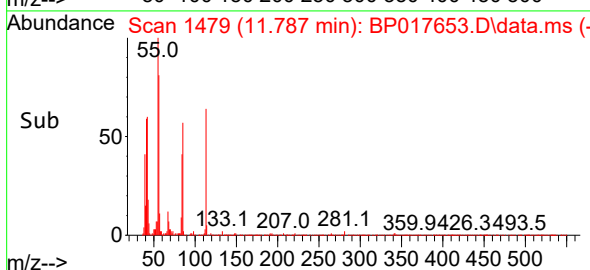
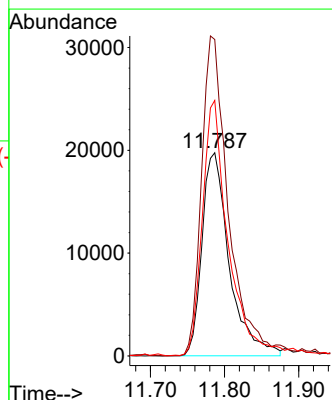
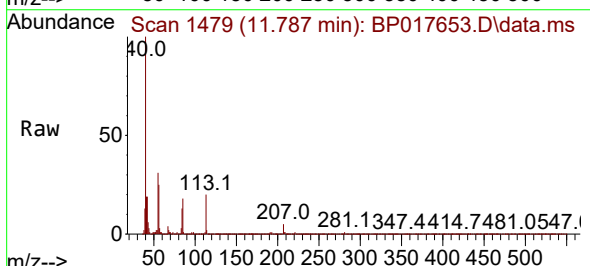
Instrument :
BNA_P
ClientSampleId :
SSTD020777

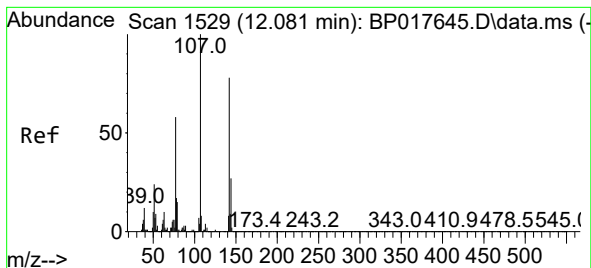
Tgt Ion:225 Resp: 131950
Ion Ratio Lower Upper
225 100
223 66.3 49.4 74.2
227 66.4 48.6 72.8



#34
Caprolactam
Concen: 22.027 ng/ul
RT: 11.787 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:113 Resp: 50643
Ion Ratio Lower Upper
113 100
55 155.7 124.2 186.2
56 125.7 101.2 151.8

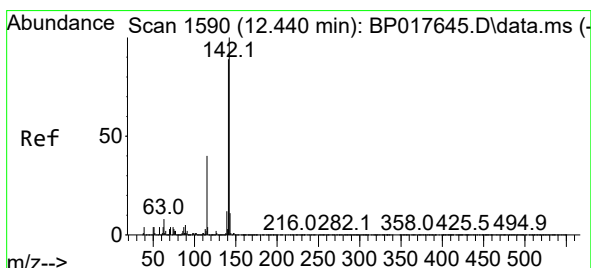
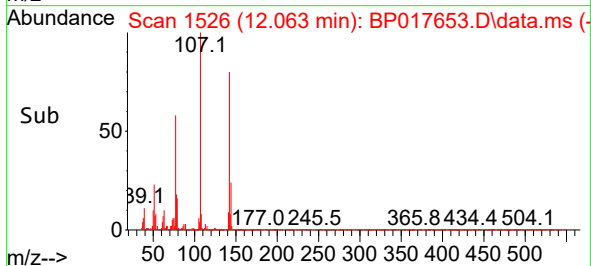
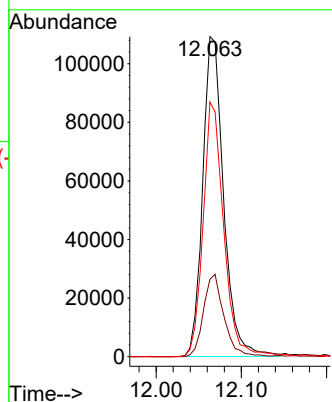
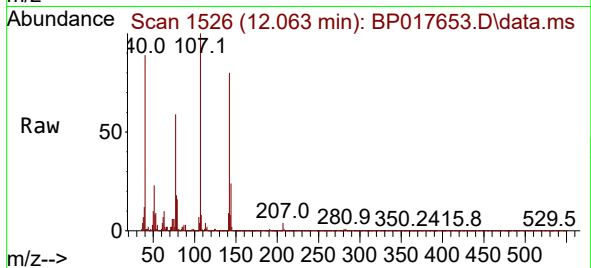




#35
4-Chloro-3-methylphenol
Concen: 22.914 ng/ul
RT: 12.063 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

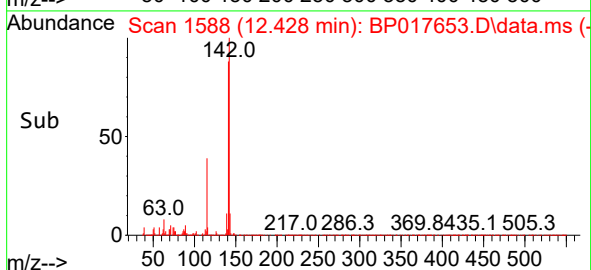
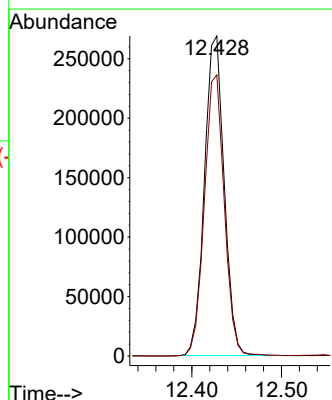
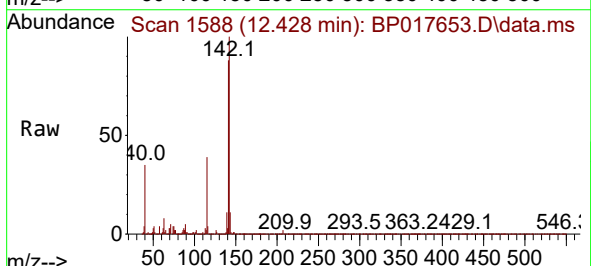
Instrument :
BNA_P
ClientSampleId :
SSTD020777

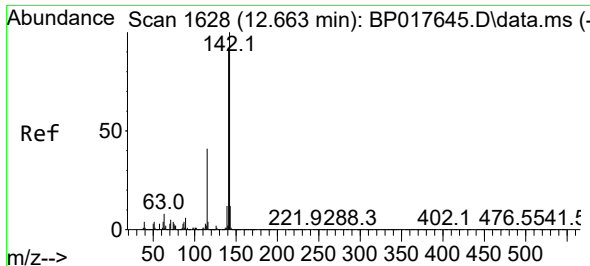
Tgt Ion:107 Resp: 186428
Ion Ratio Lower Upper
107 100
144 24.2 20.6 31.0
142 79.6 65.0 97.4



#36
2-Methylnaphthalene
Concen: 22.506 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:142 Resp: 409493
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1





#37

1-Methylnaphthalene

Concen: 22.685 ng/ul

RT: 12.646 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

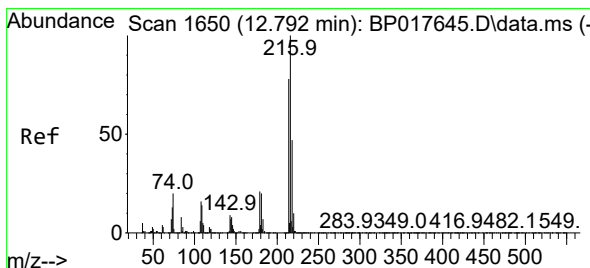
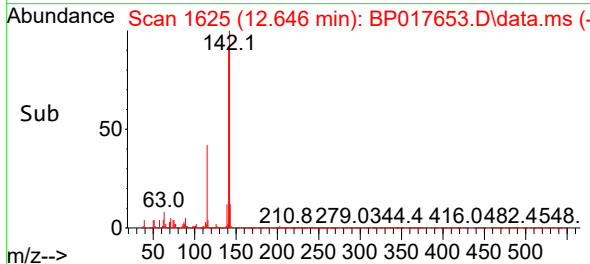
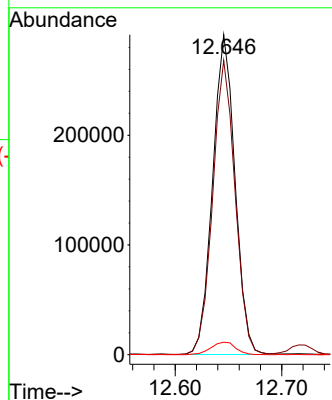
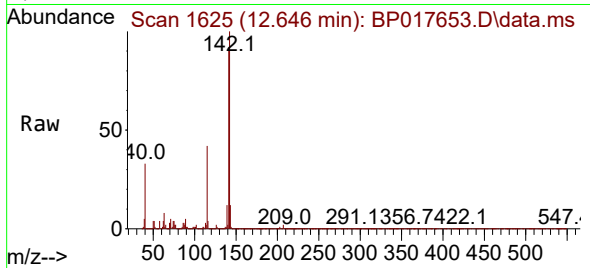
Tgt Ion:142 Resp: 425495

Ion Ratio Lower Upper

142 100

141 91.9 72.6 108.8

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.959 ng/ul

RT: 12.775 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Tgt Ion:216 Resp: 251219

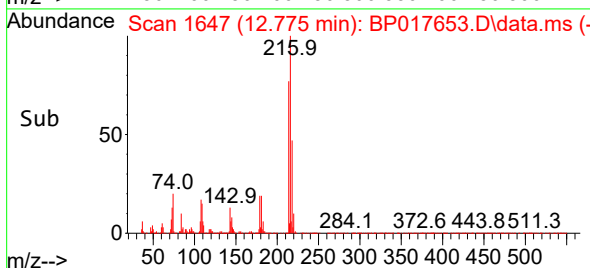
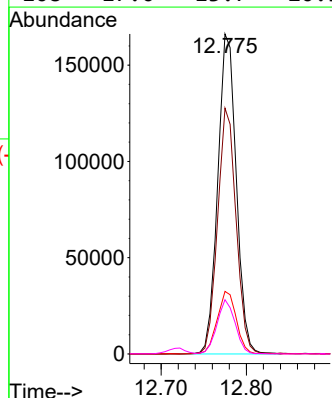
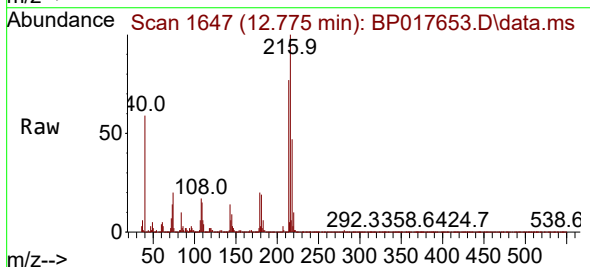
Ion Ratio Lower Upper

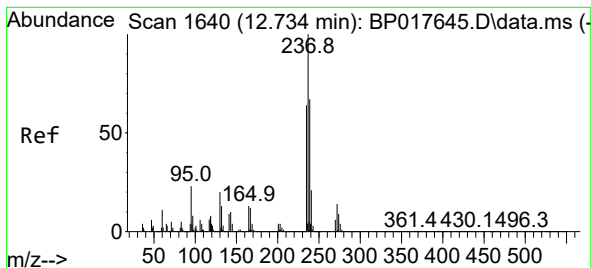
216 100

214 76.8 63.4 95.2

179 19.5 17.0 25.6

108 17.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 18.408 ng/ul

RT: 12.716 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

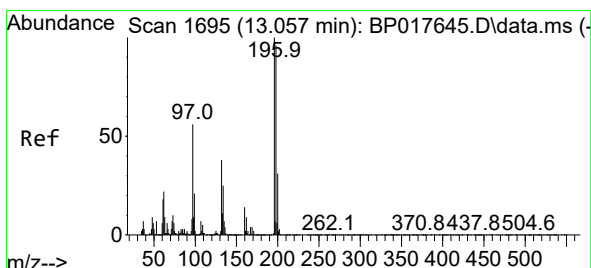
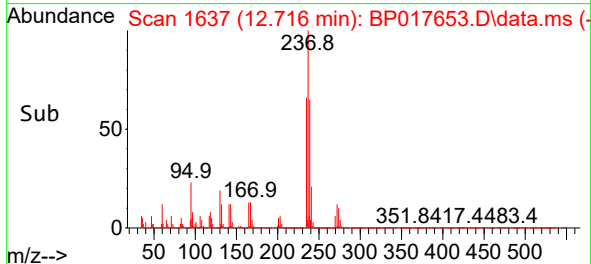
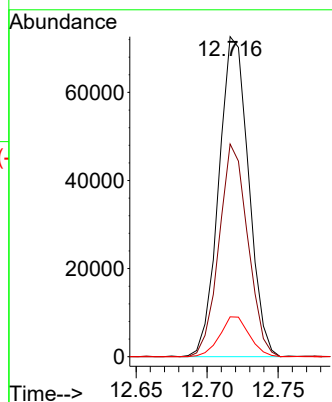
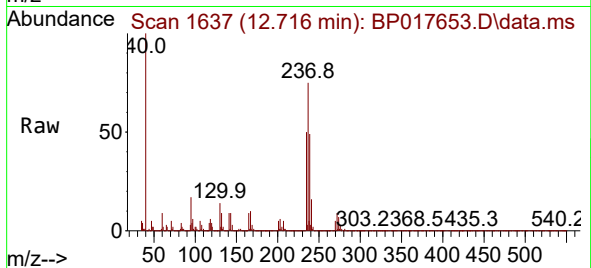
Tgt Ion:237 Resp: 106126

Ion Ratio Lower Upper

237 100

235 66.5 50.2 75.2

272 13.3 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 21.530 ng/ul

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

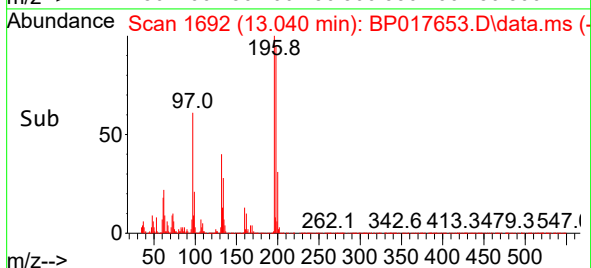
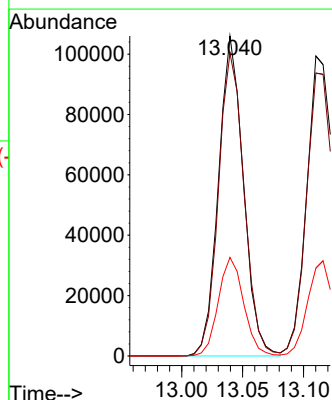
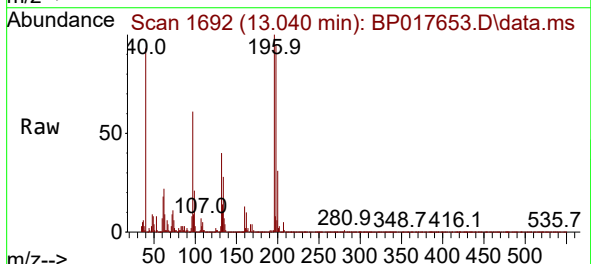
Tgt Ion:196 Resp: 151165

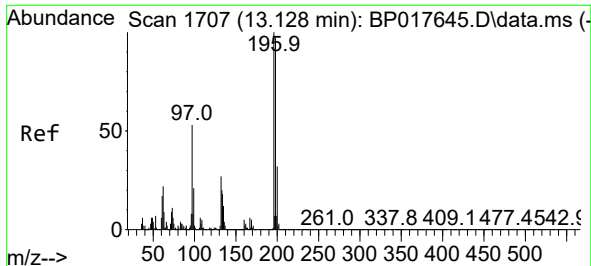
Ion Ratio Lower Upper

196 100

198 94.7 80.2 120.2

200 30.8 24.6 37.0

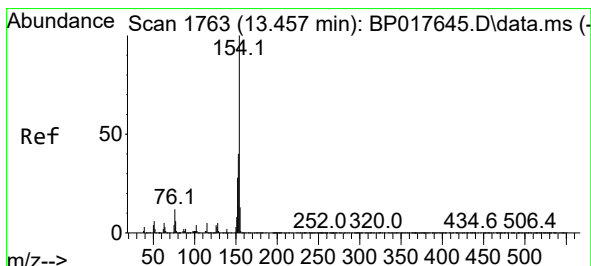
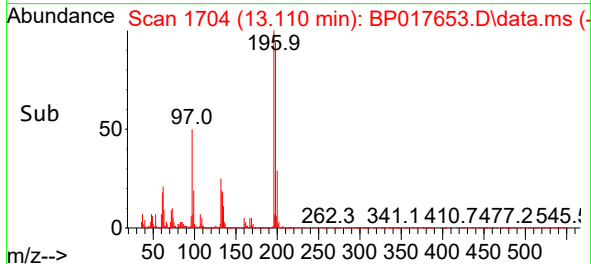
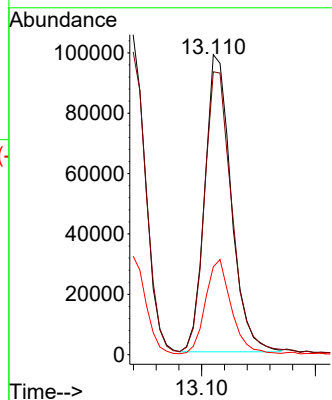
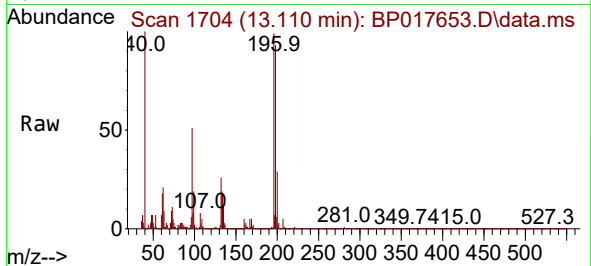




#42
2,4,5-Trichlorophenol
Concen: 21.518 ng/ul
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

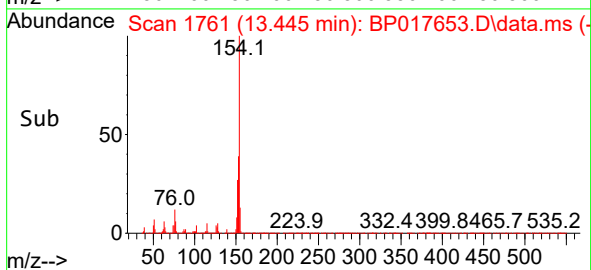
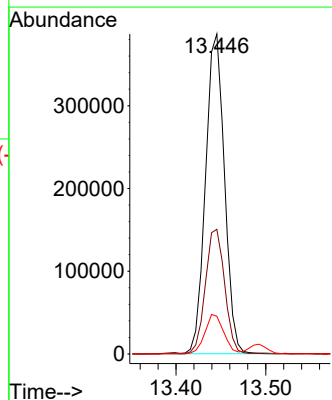
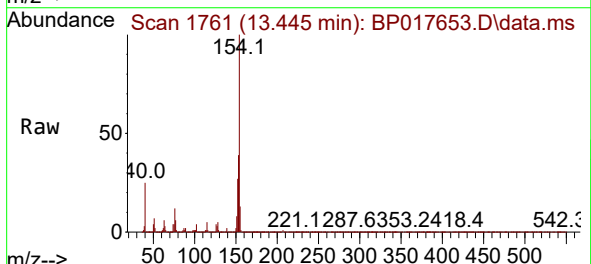
Instrument :
BNA_P
ClientSampleId :
SSTD020777

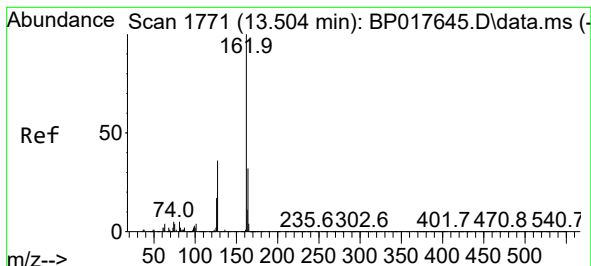
Tgt Ion:196 Resp: 159275
Ion Ratio Lower Upper
196 100
198 94.2 74.6 112.0
200 29.3 25.8 38.8



#43
1,1'-Biphenyl
Concen: 21.606 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:154 Resp: 566111
Ion Ratio Lower Upper
154 100
153 39.0 32.2 48.4
76 11.8 10.0 15.0





#44

2-Chloronaphthalene

Concen: 21.276 ng/ul

RT: 13.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

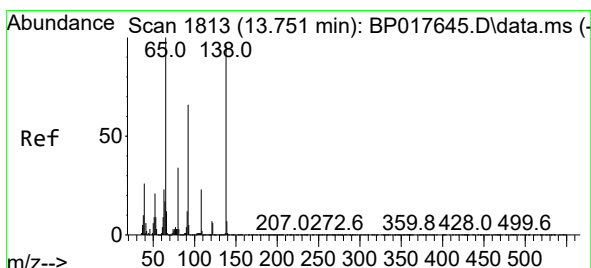
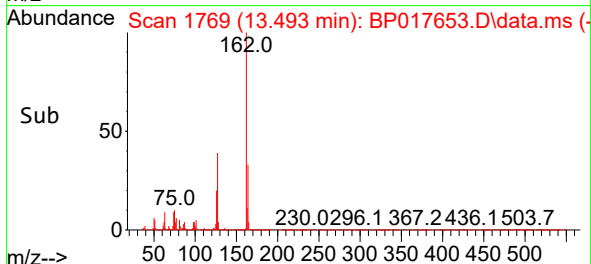
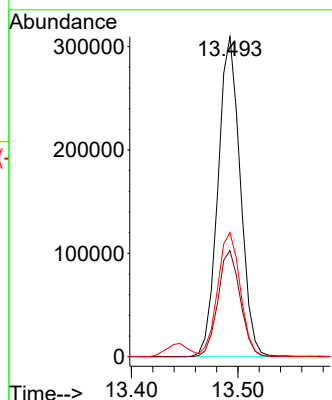
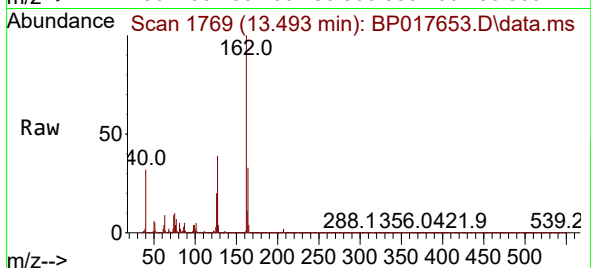
Tgt Ion:162 Resp: 448023

Ion Ratio Lower Upper

162 100

164 33.2 26.9 40.3

127 38.8 30.3 45.5



#45

2-Nitroaniline

Concen: 22.587 ng/ul

RT: 13.740 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

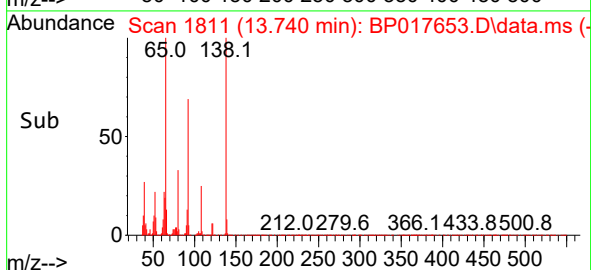
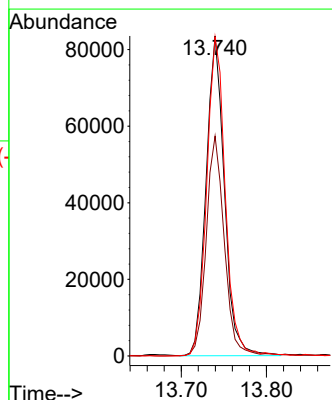
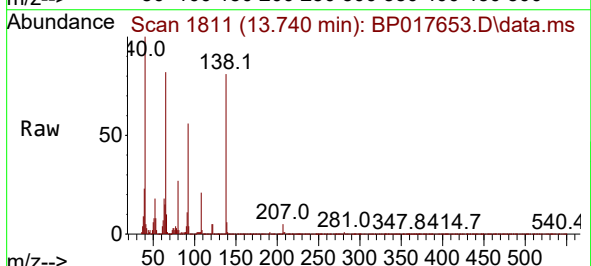
Tgt Ion: 65 Resp: 124620

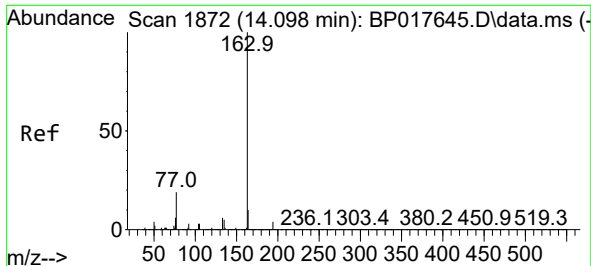
Ion Ratio Lower Upper

65 100

92 68.7 53.0 79.6

138 99.7 81.9 122.9





#47

Dimethylphthalate

Concen: 22.273 ng/ul

RT: 14.081 min Scan# 1869

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

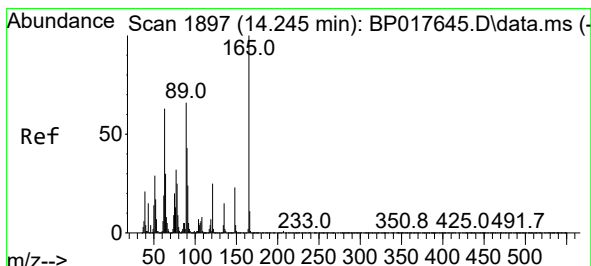
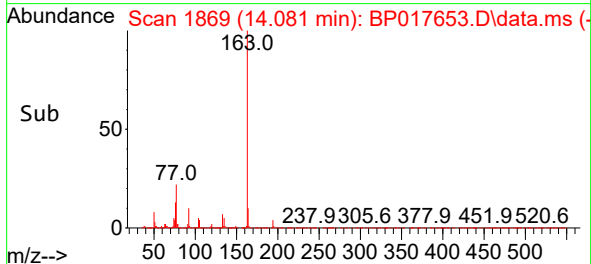
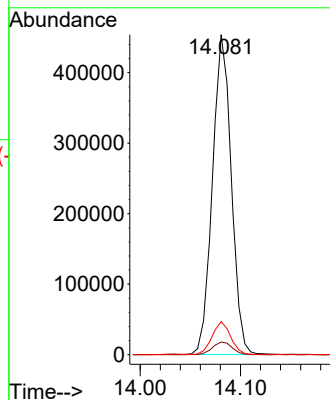
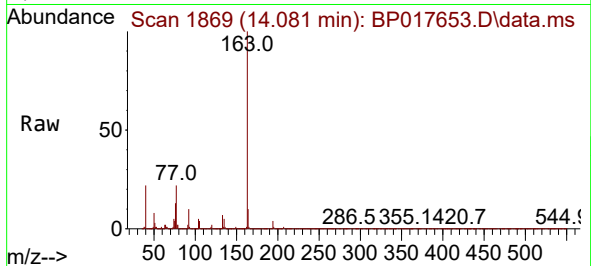
Tgt Ion:163 Resp: 592738

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.3 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 22.498 ng/ul

RT: 14.234 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

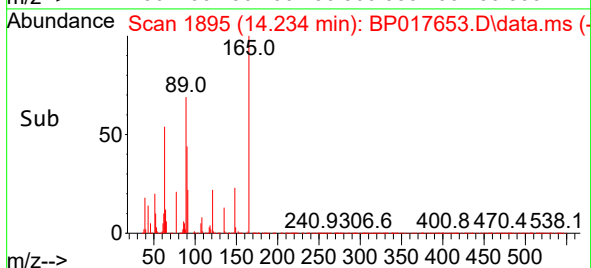
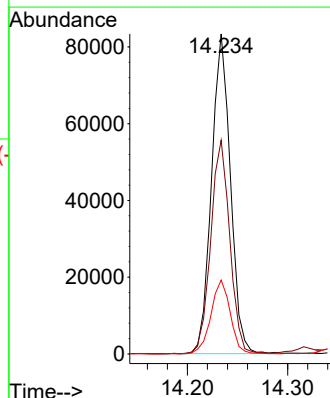
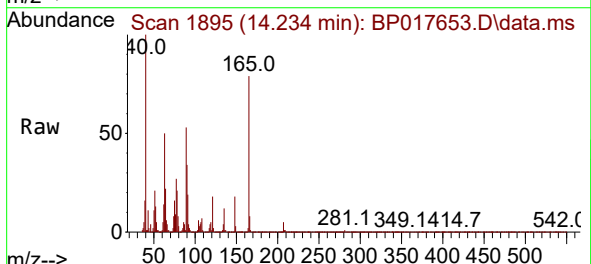
Tgt Ion:165 Resp: 108970

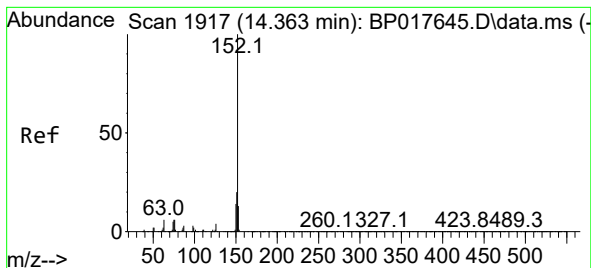
Ion Ratio Lower Upper

165 100

89 66.8 53.9 80.9

121 23.1 17.4 26.2





#50

Acenaphthylene

Concen: 22.194 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

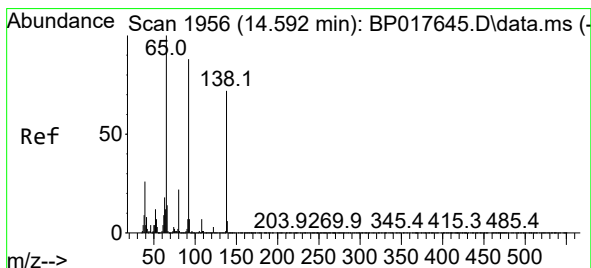
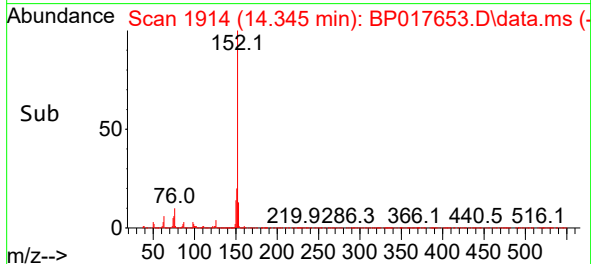
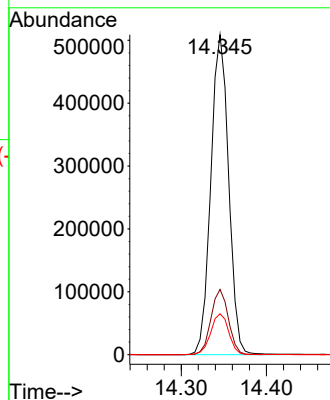
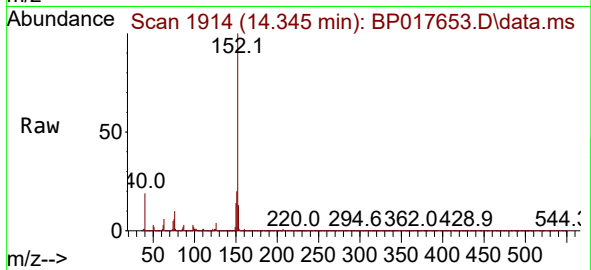
Tgt Ion:152 Resp: 737048

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 12.8 10.2 15.4



#51

3-Nitroaniline

Concen: 23.285 ng/ul

RT: 14.575 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

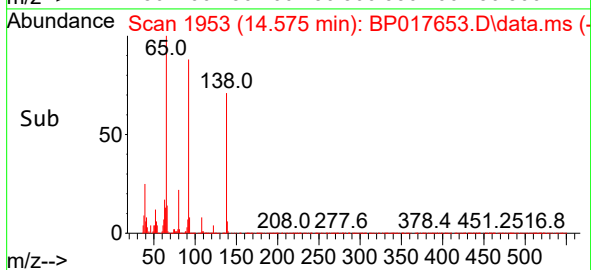
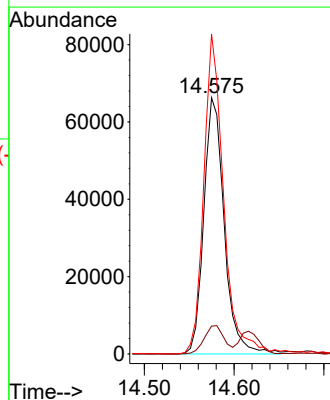
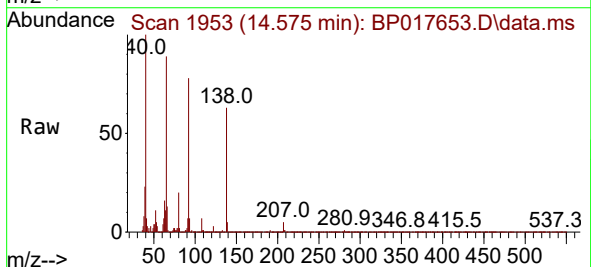
Tgt Ion:138 Resp: 104624

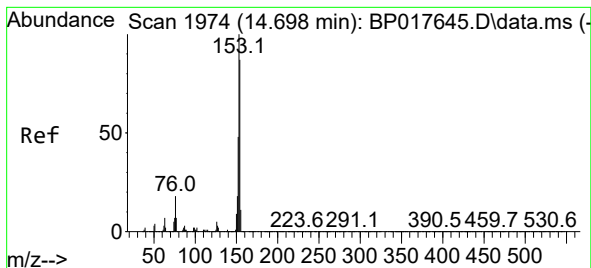
Ion Ratio Lower Upper

138 100

108 10.9 10.0 15.0

92 124.9 100.2 150.4





#52

Acenaphthene

Concen: 21.853 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

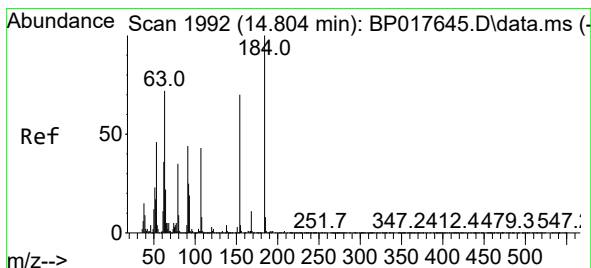
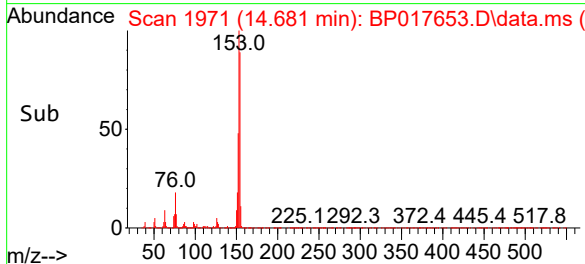
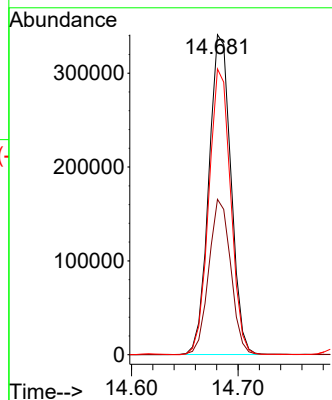
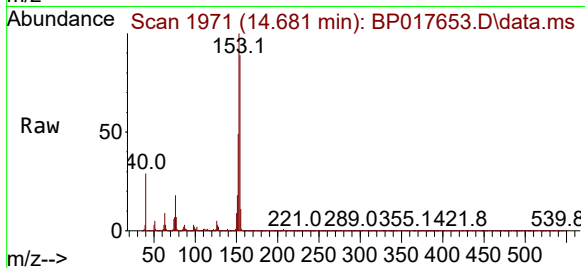
Tgt Ion:153 Resp: 490954

Ion Ratio Lower Upper

153 100

152 48.6 38.0 57.0

154 89.3 69.7 104.5



#53

2,4-Dinitrophenol

Concen: 6.307 ng/ul

RT: 14.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

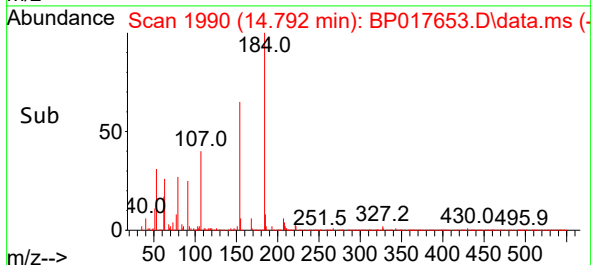
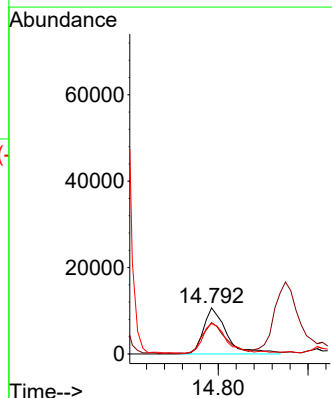
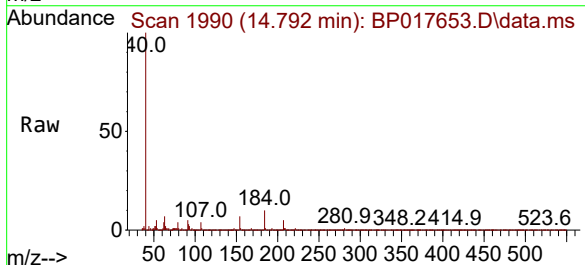
Tgt Ion:184 Resp: 19122

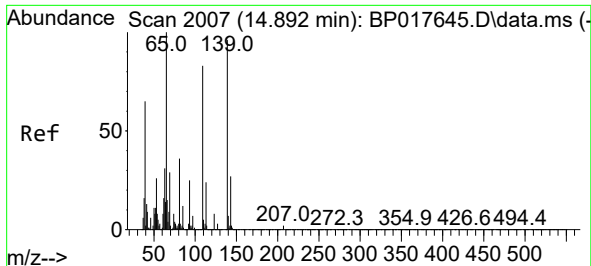
Ion Ratio Lower Upper

184 100

63 68.0 60.5 90.7

154 66.0 56.1 84.1

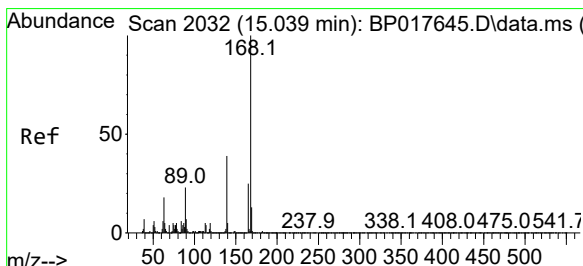
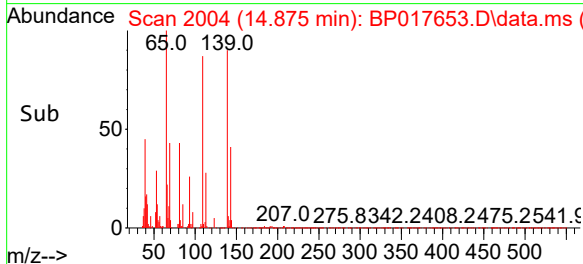
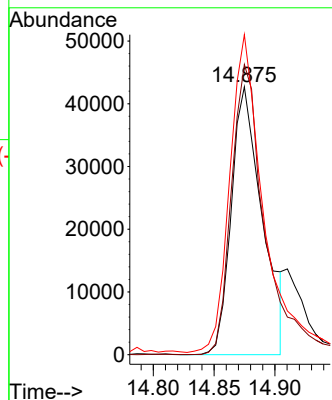
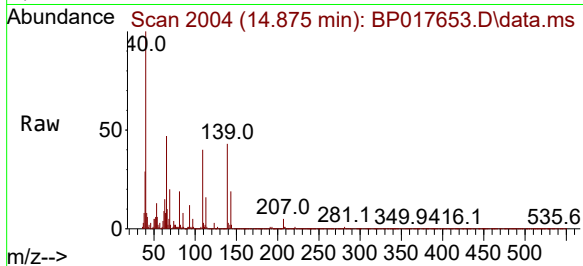




#55
4-Nitrophenol
Concen: 20.592 ng/ul
RT: 14.875 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

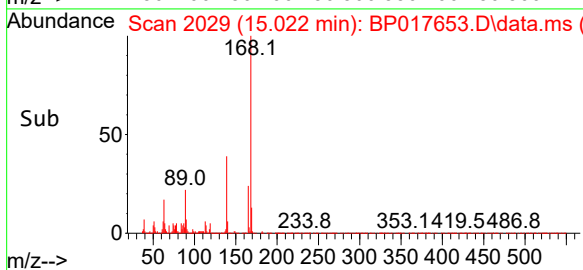
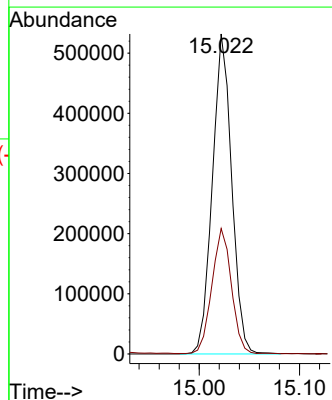
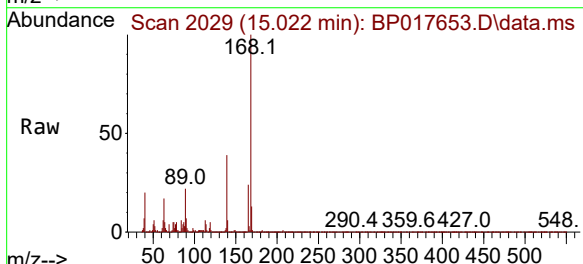
Instrument :
BNA_P
ClientSampleId :
SSTD020777

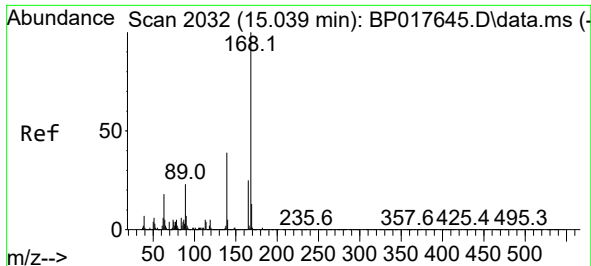
Tgt Ion:109 Resp: 75694
Ion Ratio Lower Upper
109 100
139 108.3 94.6 142.0
65 119.4 101.8 152.6



#56
Dibenzofuran
Concen: 22.117 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:168 Resp: 712809
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.8

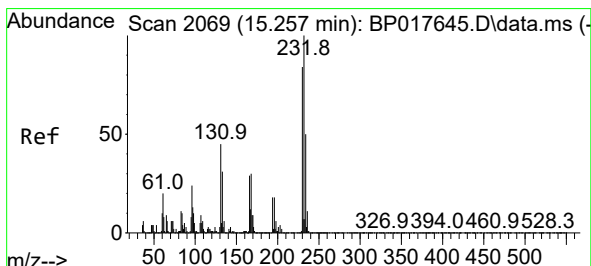
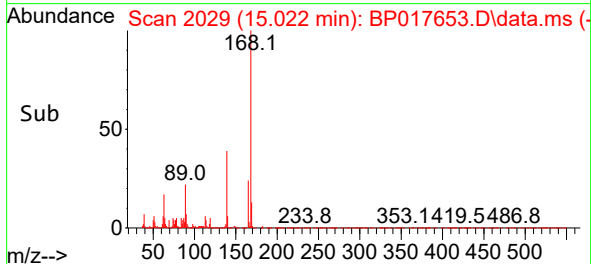
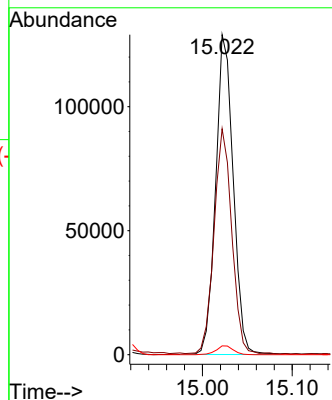
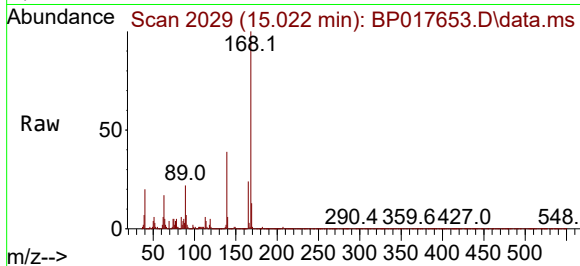




#57
2,4-Dinitrotoluene
Concen: 23.980 ng/ul
RT: 15.022 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

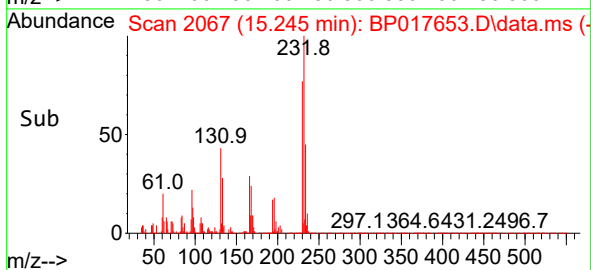
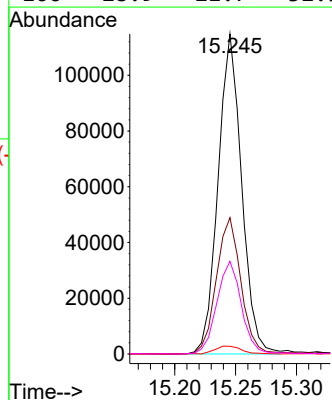
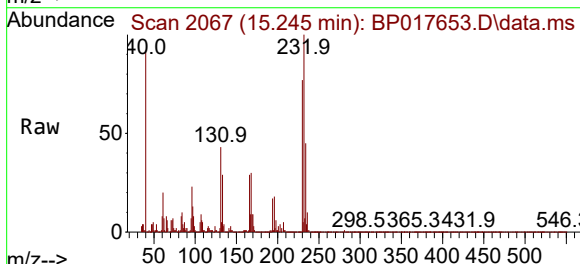
Instrument :
BNA_P
ClientSampleId :
SSTD020777

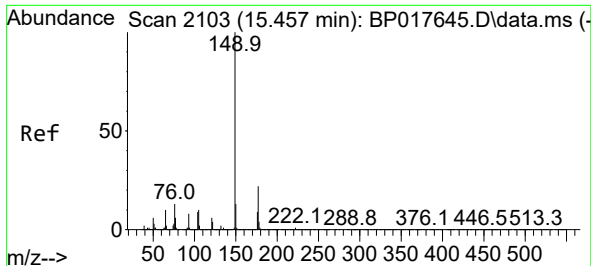
Tgt Ion:165 Resp: 175377
Ion Ratio Lower Upper
165 100
63 70.6 53.0 79.4
182 2.7 2.6 3.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.983 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:232 Resp: 154641
Ion Ratio Lower Upper
232 100
131 42.6 32.4 48.6
130 2.4 2.1 3.1
166 28.9 21.7 32.5

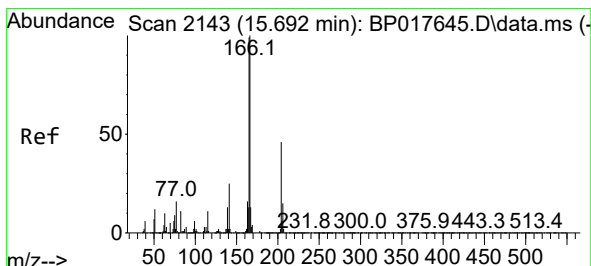
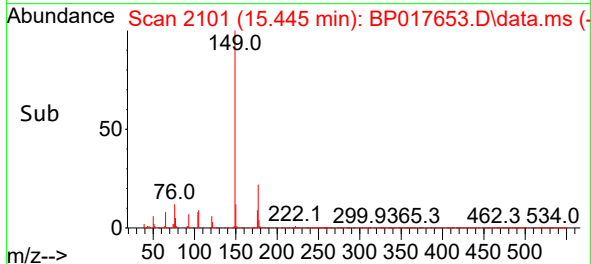
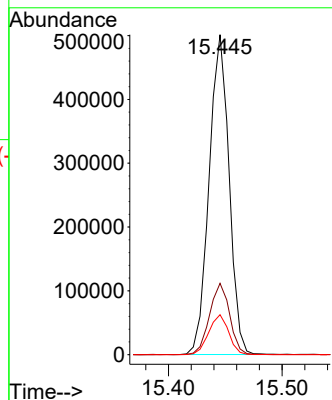
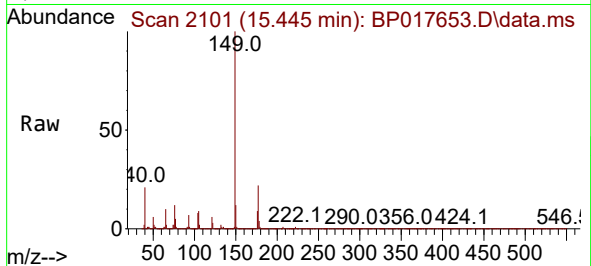




#59
Diethylphthalate
Concen: 22.983 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

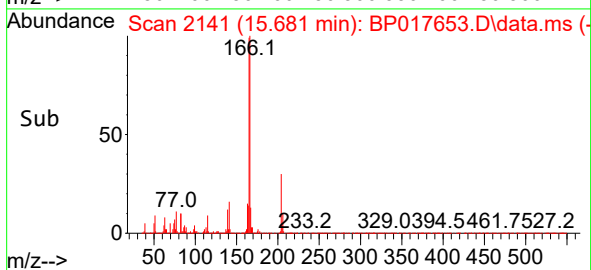
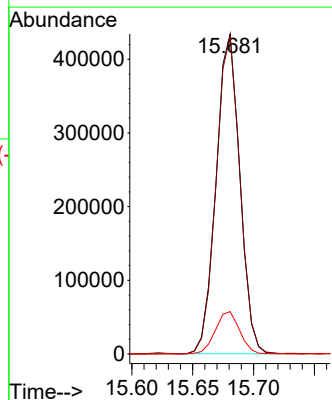
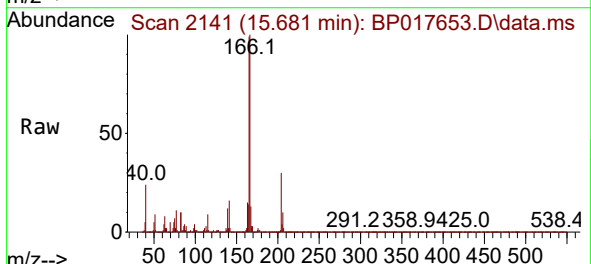
Instrument :
BNA_P
ClientSampleId :
SSTD020777

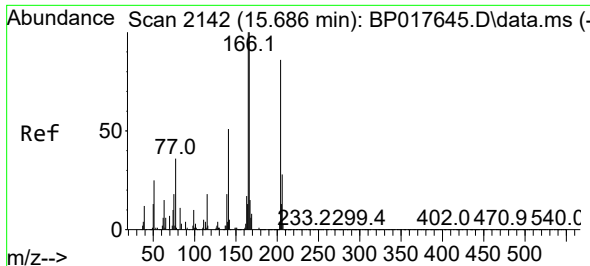
Tgt Ion:149 Resp: 612560
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.5 9.7 14.5



#61
Fluorene
Concen: 22.288 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:166 Resp: 589523
Ion Ratio Lower Upper
166 100
165 99.4 78.8 118.2
167 13.2 10.7 16.1

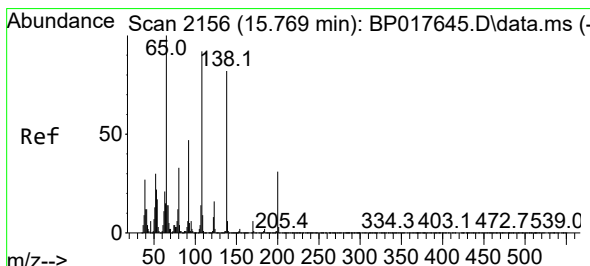
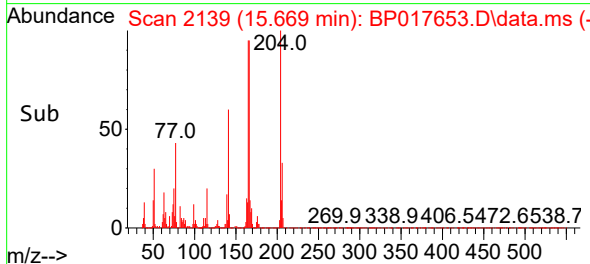
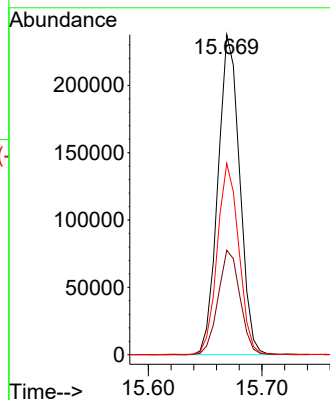
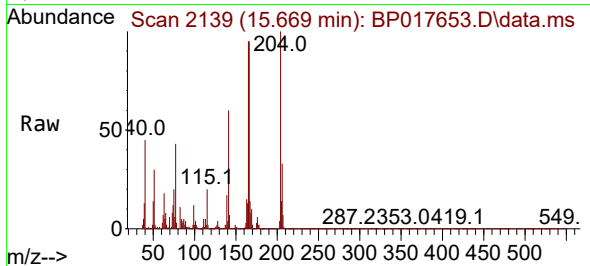




#62
4-Chlorophenyl-phenylether
Concen: 22.480 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

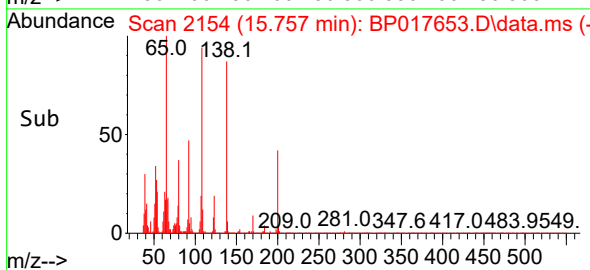
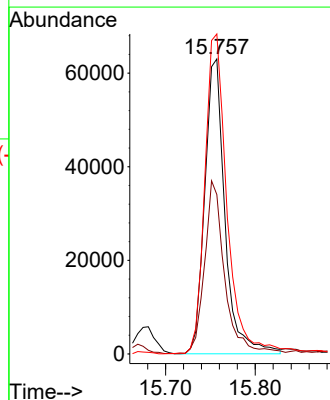
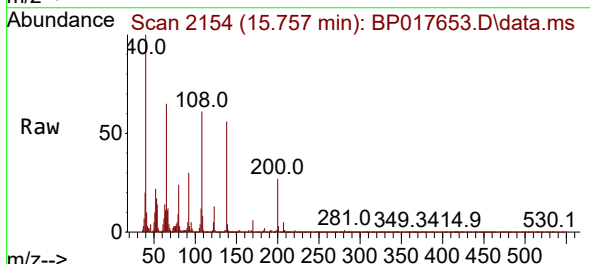
Instrument :
BNA_P
ClientSampleId :
SSTD020777

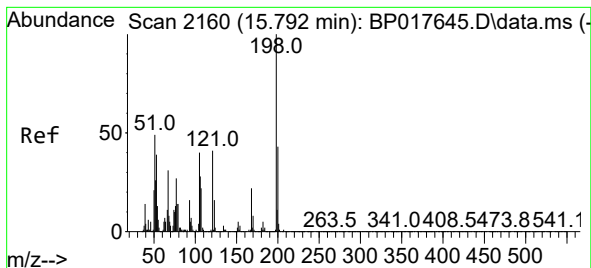
Tgt Ion:204 Resp: 316094
Ion Ratio Lower Upper
204 100
206 32.6 27.2 40.8
141 59.8 47.0 70.4



#63
4-Nitroaniline
Concen: 23.547 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:138 Resp: 98987
Ion Ratio Lower Upper
138 100
92 54.0 41.2 61.8
108 108.5 81.1 121.7

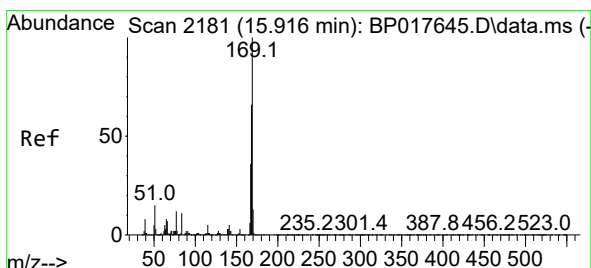
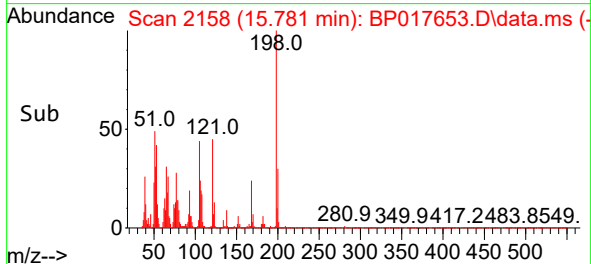
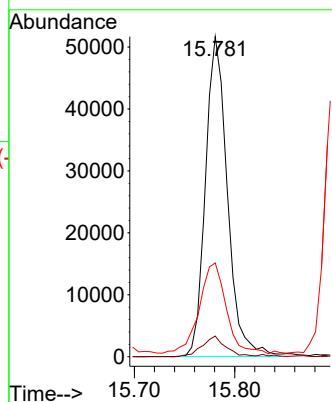
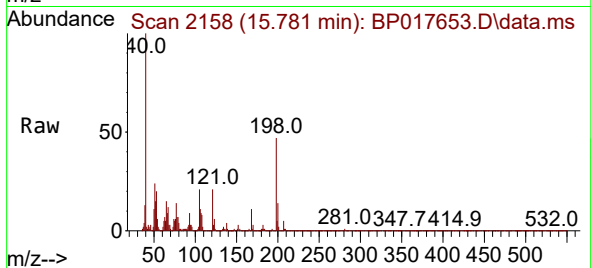




#66
4,6-Dinitro-2-methylphenol
Concen: 15.439 ng/ul
RT: 15.781 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

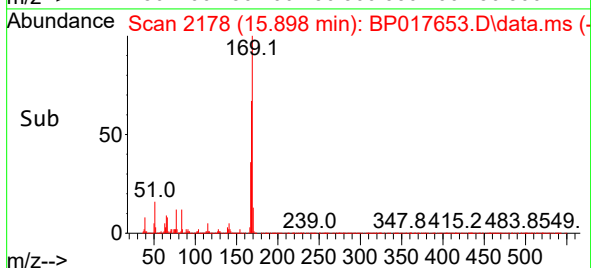
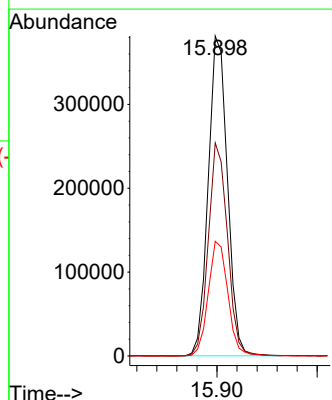
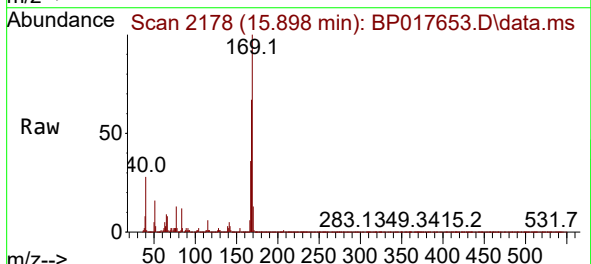
Instrument :
BNA_P
ClientSampleId :
SSTD020777

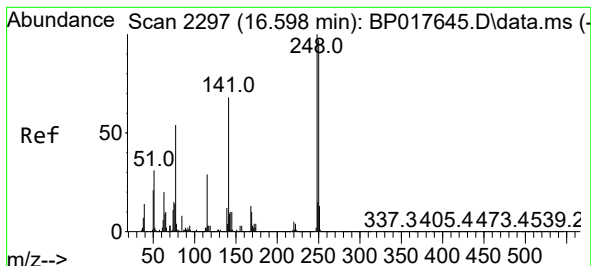
Tgt Ion:198 Resp: 78795
Ion Ratio Lower Upper
198 100
182 6.5 4.6 6.8
77 29.3 23.8 35.8



#67
N-Nitrosodiphenylamine
Concen: 22.369 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:169 Resp: 508490
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 35.9 29.6 44.4

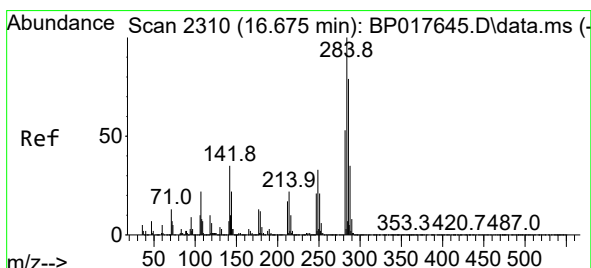
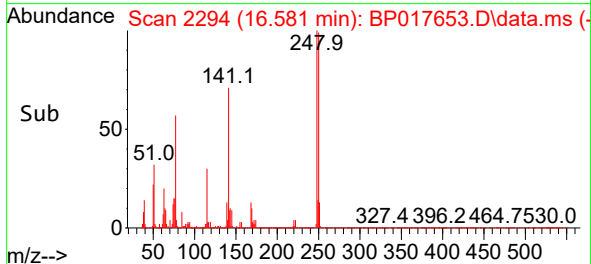
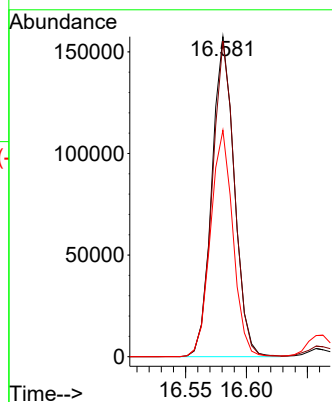
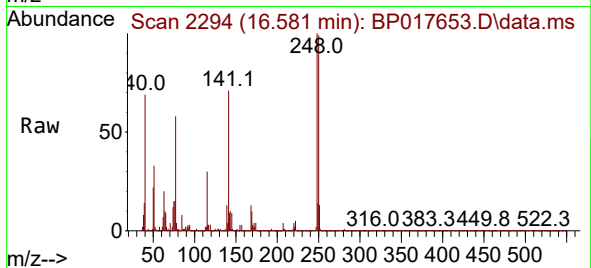




#68
4-Bromophenyl-phenylether
Concen: 22.030 ng/ul
RT: 16.581 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

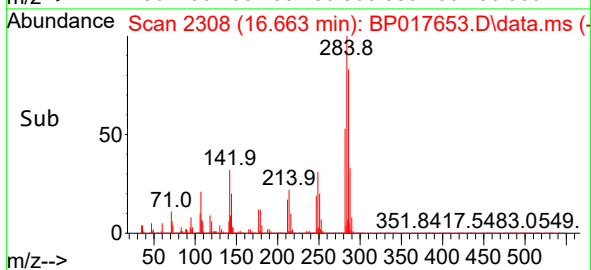
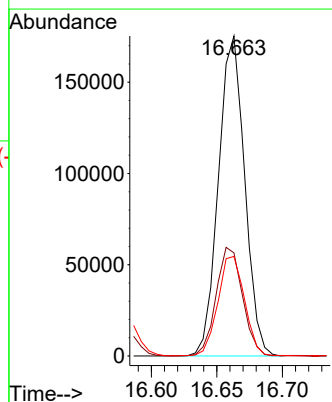
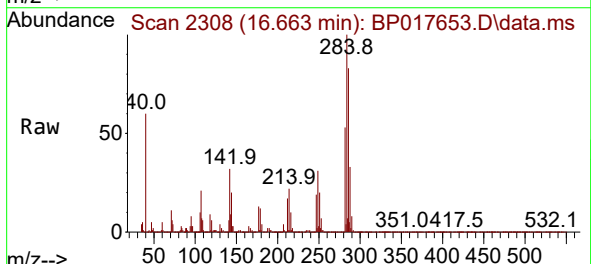
Instrument :
BNA_P
ClientSampleId :
SSTD020777

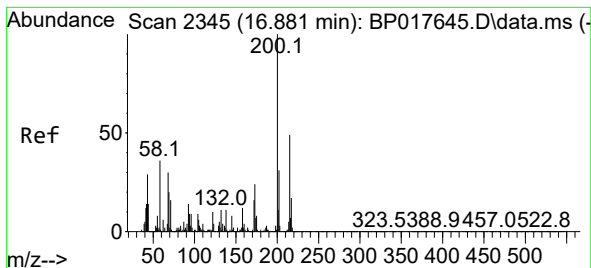
Tgt Ion:248 Resp: 201224
Ion Ratio Lower Upper
248 100
250 98.7 79.3 118.9
141 70.8 54.2 81.2



#69
Hexachlorobenzene
Concen: 22.416 ng/ul
RT: 16.663 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:284 Resp: 243886
Ion Ratio Lower Upper
284 100
142 32.2 28.2 42.4
249 31.1 26.2 39.4





#70

Atrazine

Concen: 21.950 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

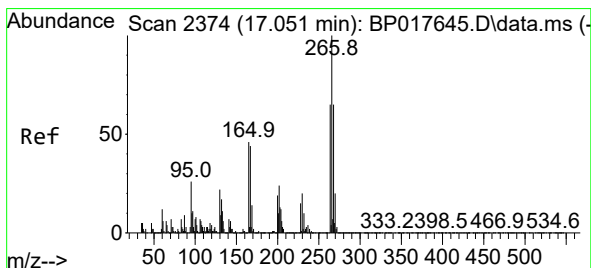
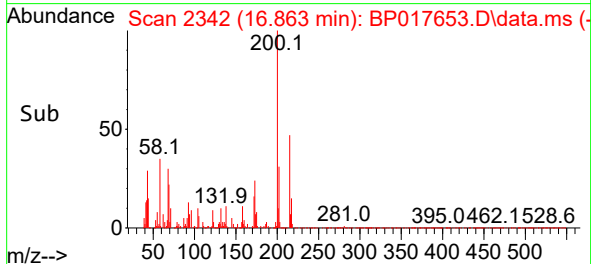
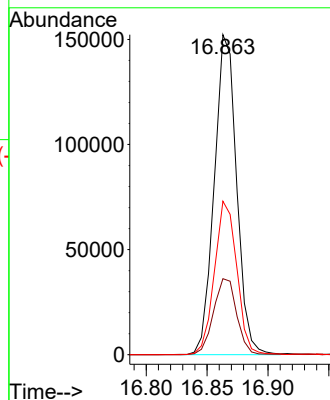
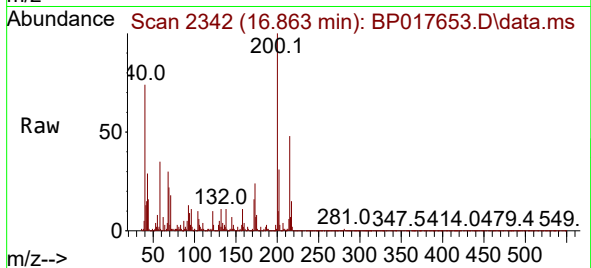
Tgt Ion:200 Resp: 194206

Ion Ratio Lower Upper

200 100

173 23.8 19.5 29.3

215 48.0 37.8 56.8



#71

Pentachlorophenol

Concen: 20.551 ng/ul

RT: 17.034 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

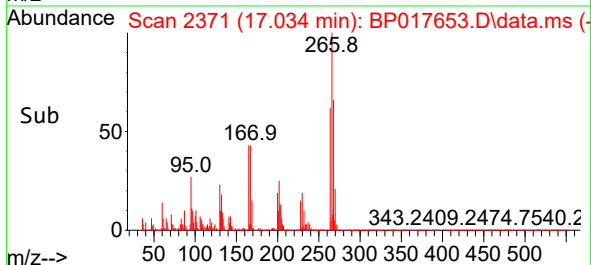
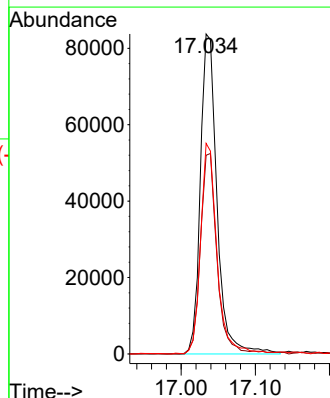
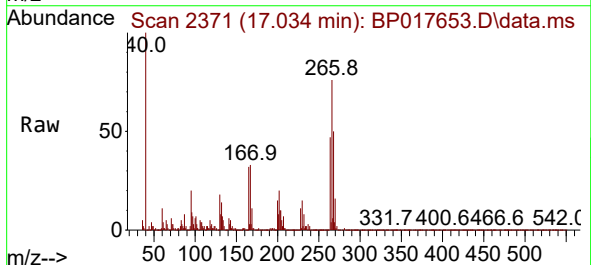
Tgt Ion:266 Resp: 130389

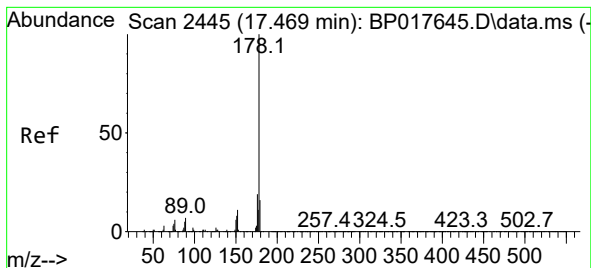
Ion Ratio Lower Upper

266 100

264 62.1 52.5 78.7

268 65.8 54.6 81.8





#72

Phenanthrene

Concen: 22.053 ng/ul

RT: 17.451 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

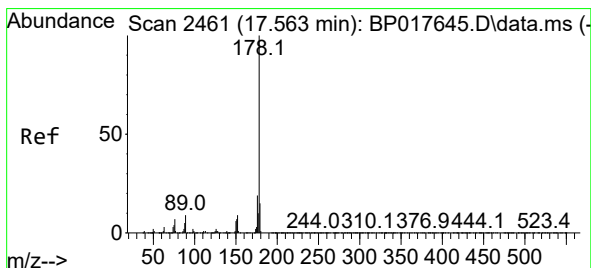
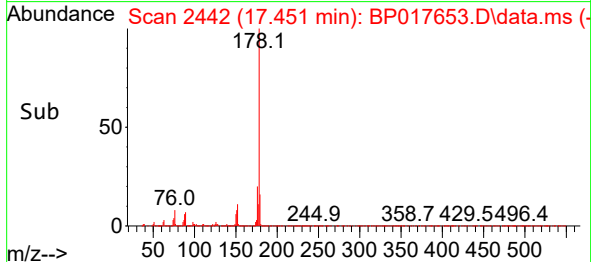
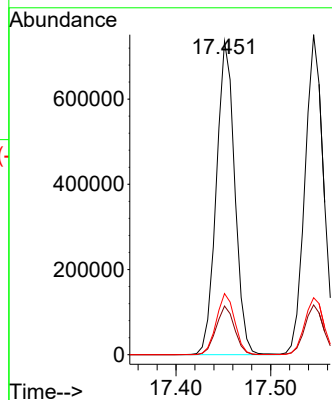
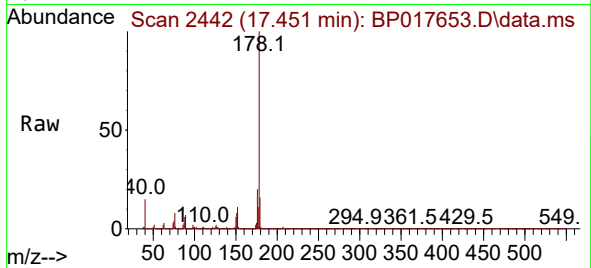
Tgt Ion:178 Resp: 994397

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.5 15.8 23.6



#74

Anthracene

Concen: 22.664 ng/ul

RT: 17.545 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

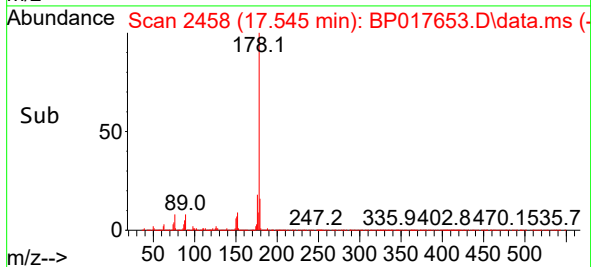
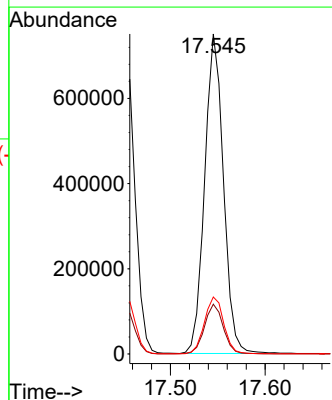
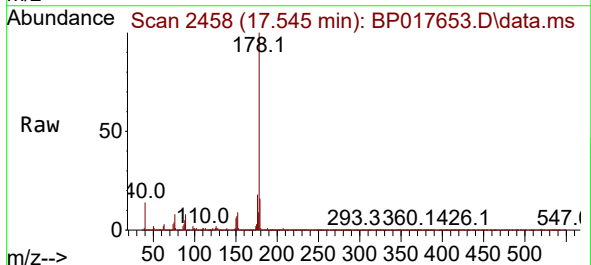
Tgt Ion:178 Resp: 1032242

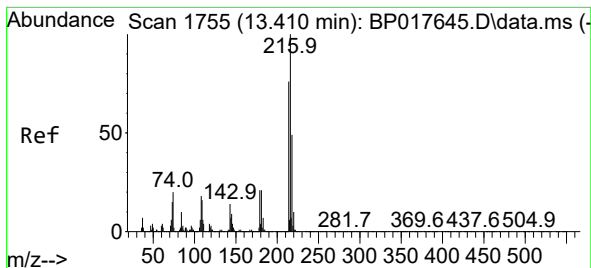
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 17.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.776 ng/uL

RT: 13.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

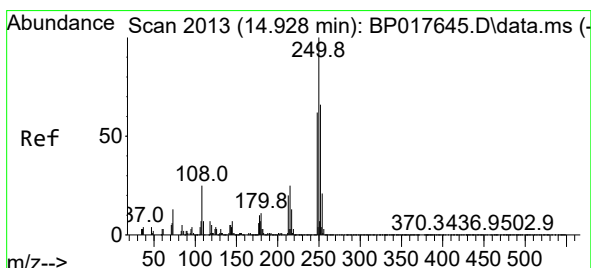
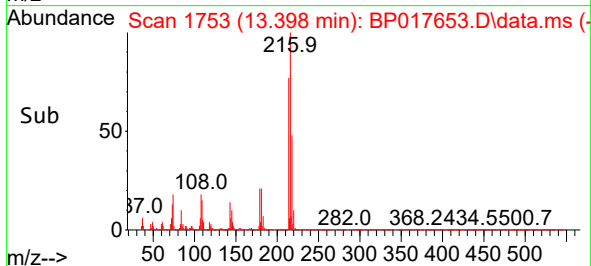
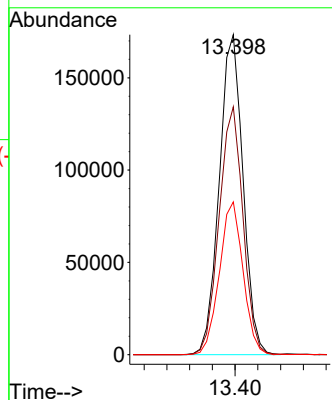
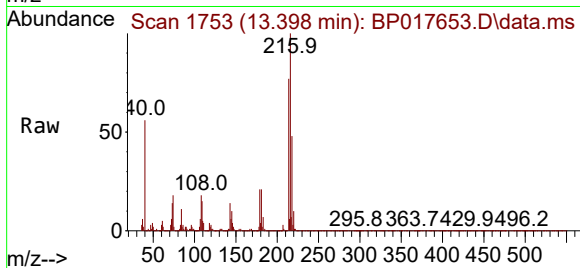
Tgt Ion:216 Resp: 251914

Ion Ratio Lower Upper

216 100

214 77.4 61.1 91.7

218 47.8 37.1 55.7



#76

Pentachlorobenzene

Concen: 21.796 ng/uL

RT: 14.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

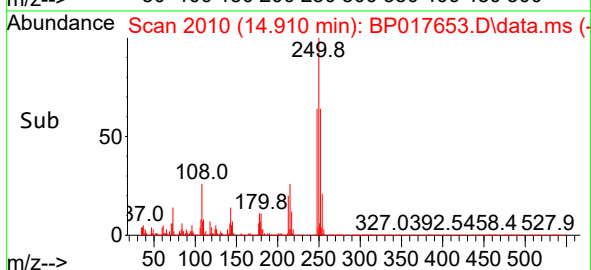
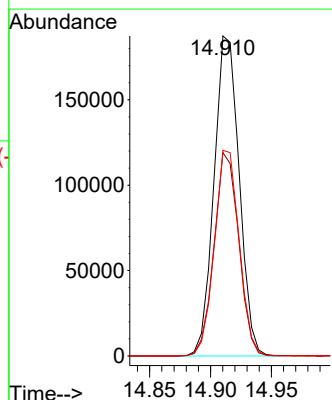
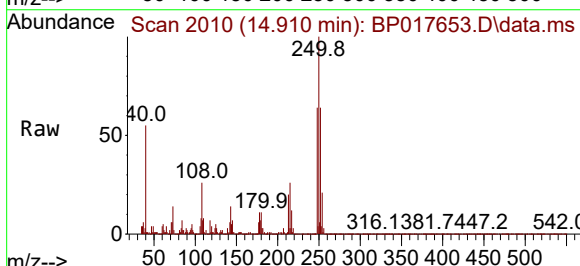
Tgt Ion:250 Resp: 269430

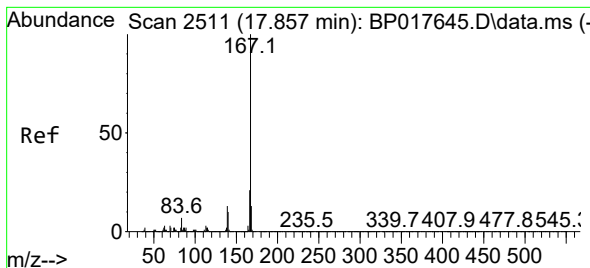
Ion Ratio Lower Upper

250 100

248 63.6 49.6 74.4

252 64.2 50.9 76.3





#77

Carbazole

Concen: 22.501 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

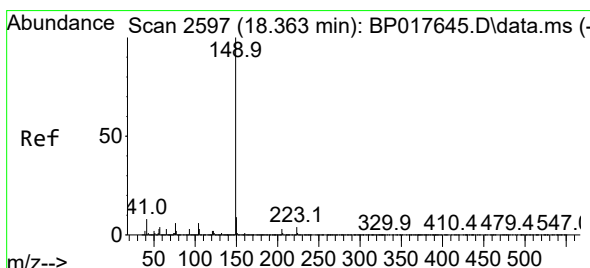
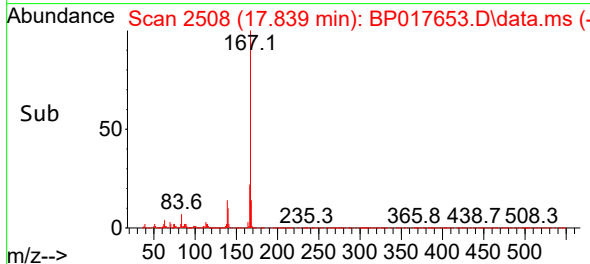
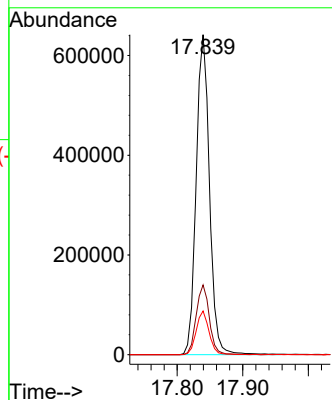
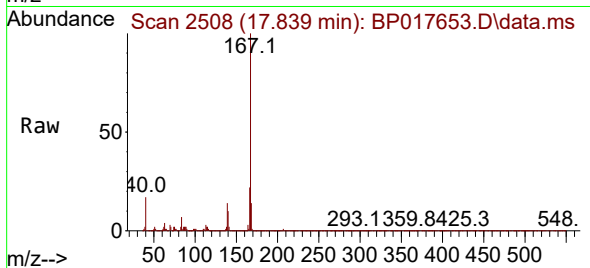
Tgt Ion:167 Resp: 904290

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.6 10.0 15.0



#78

Di-n-butylphthalate

Concen: 22.741 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

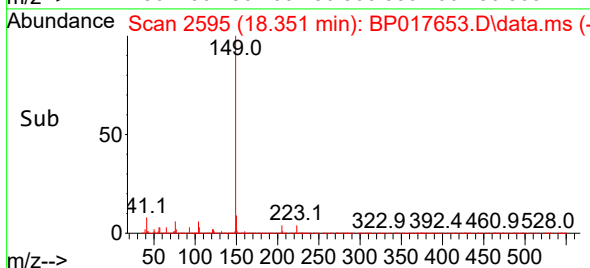
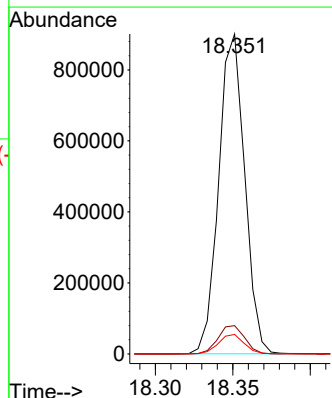
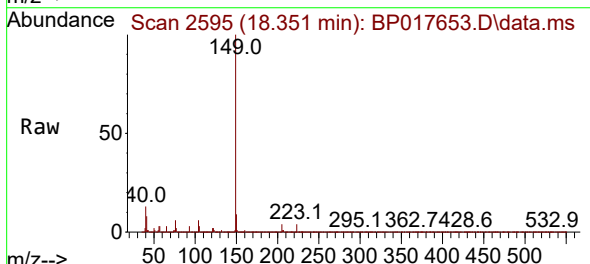
Tgt Ion:149 Resp: 1051408

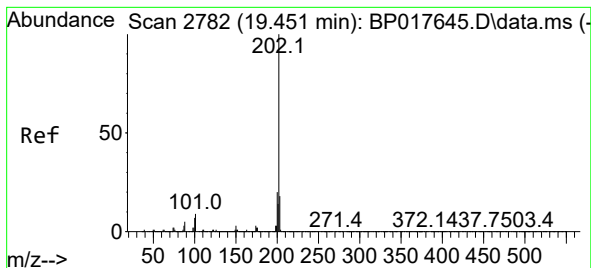
Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

104 6.1 4.6 6.8





#80

Fluoranthene

Concen: 21.280 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

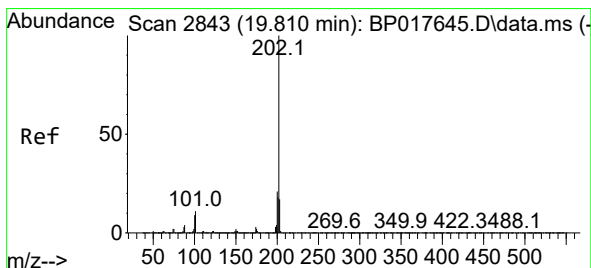
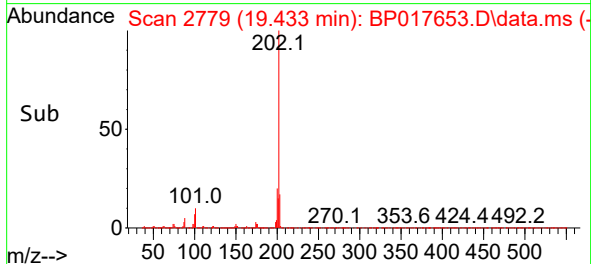
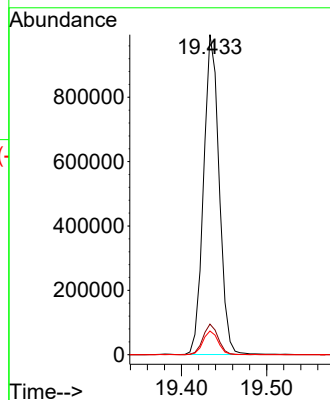
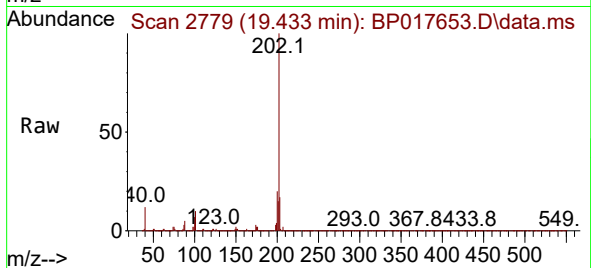
Tgt Ion:202 Resp: 1261364

Ion Ratio Lower Upper

202 100

101 9.5 7.4 11.0

100 7.4 5.9 8.9



#82

Pyrene

Concen: 21.307 ng/ul

RT: 19.798 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

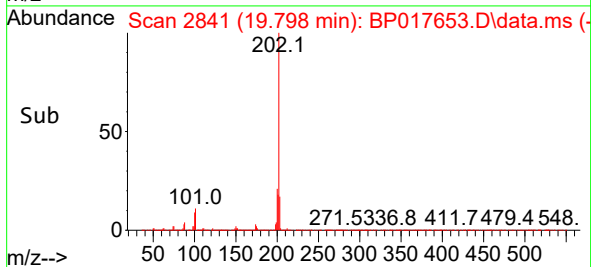
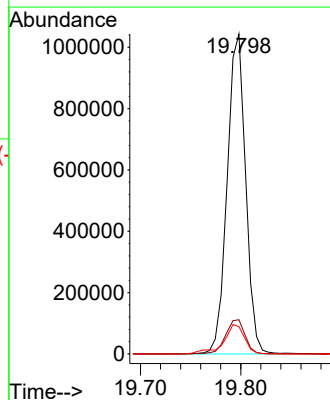
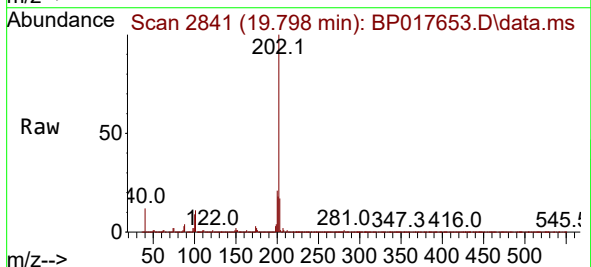
Tgt Ion:202 Resp: 1333395

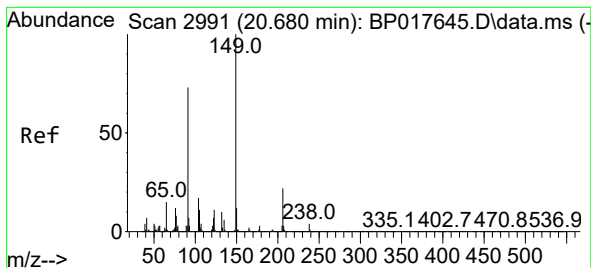
Ion Ratio Lower Upper

202 100

101 10.7 9.4 14.0

100 8.6 7.4 11.0





#83

Butylbenzylphthalate

Concen: 21.334 ng/ul

RT: 20.669 min Scan# 2991

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

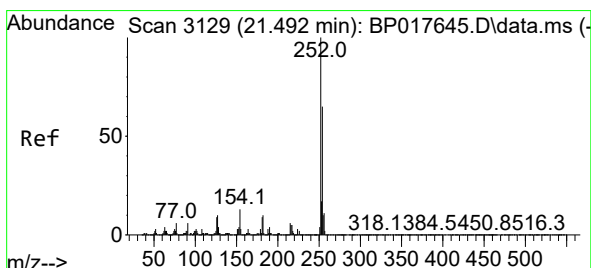
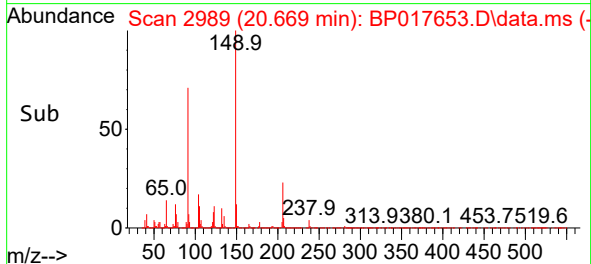
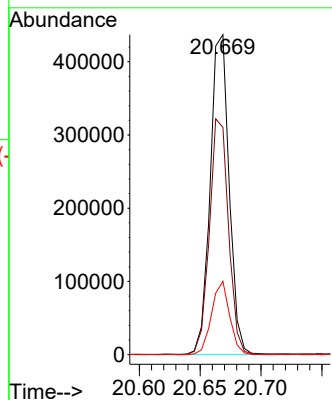
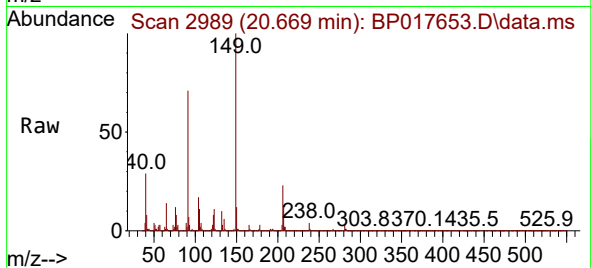
Tgt Ion:149 Resp: 471820

Ion Ratio Lower Upper

149 100

91 71.0 57.1 85.7

206 22.9 17.6 26.4



#84

3,3'-Dichlorobenzidine

Concen: 21.712 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

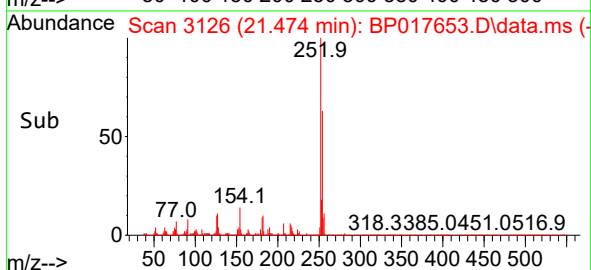
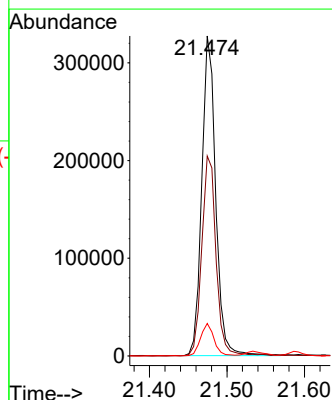
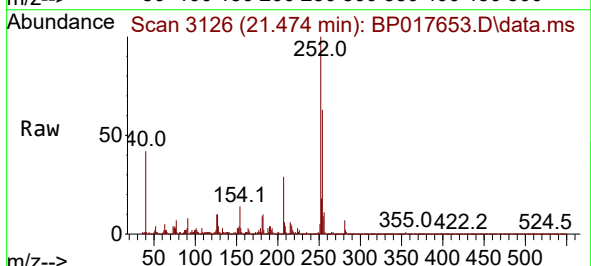
Tgt Ion:252 Resp: 408248

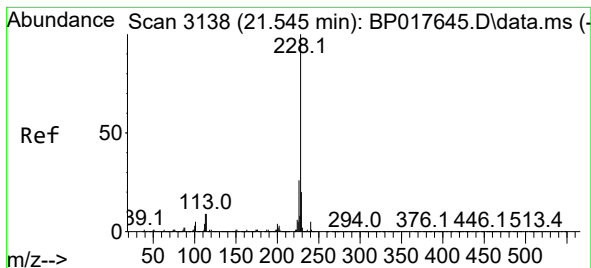
Ion Ratio Lower Upper

252 100

254 62.5 51.5 77.3

126 10.1 7.8 11.8





#85

Benzo(a)anthracene

Concen: 21.781 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

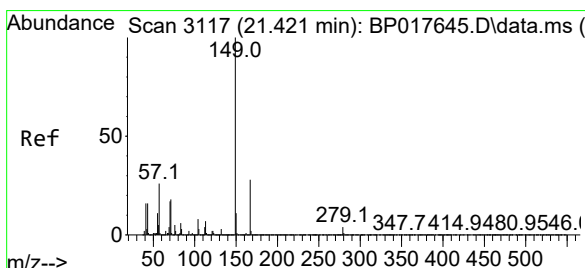
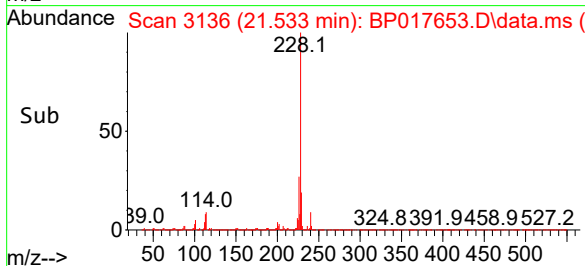
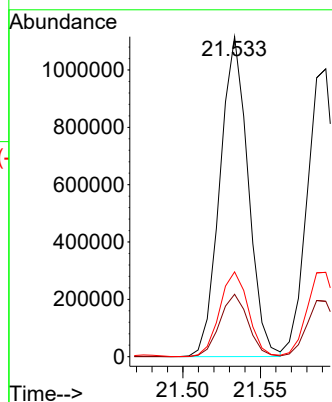
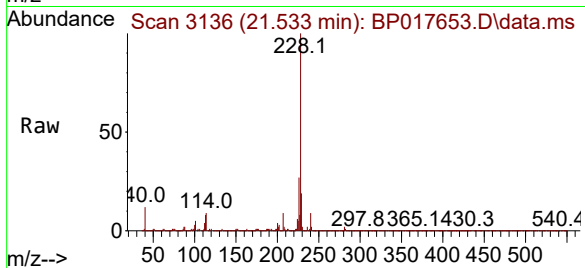
Tgt Ion:228 Resp: 1414026

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 26.5 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.368 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

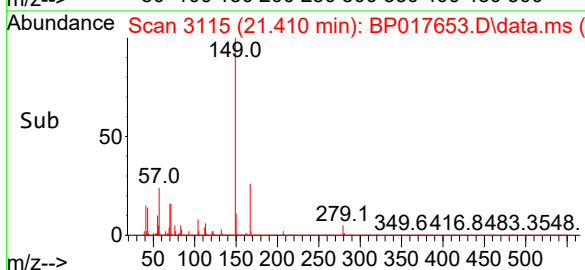
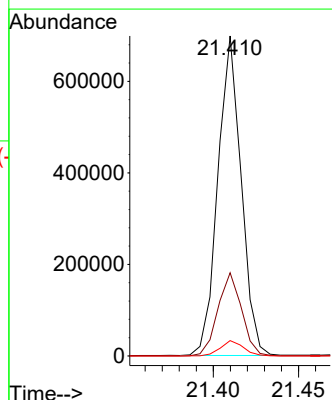
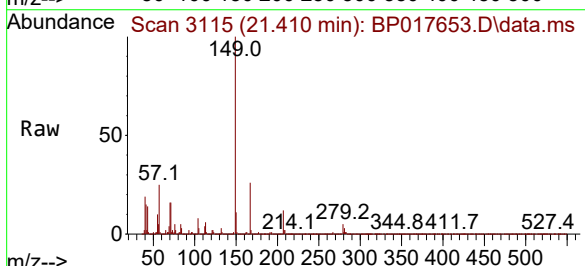
Tgt Ion:149 Resp: 665477

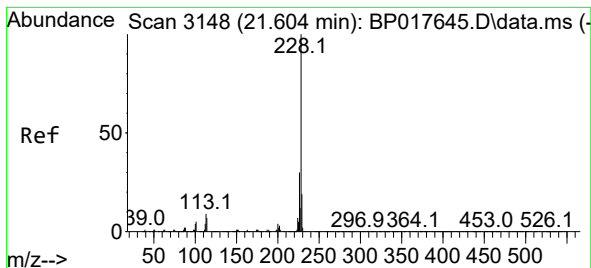
Ion Ratio Lower Upper

149 100

167 26.0 21.7 32.5

279 4.8 3.6 5.4





#87

Chrysene

Concen: 21.838 ng/ul

RT: 21.592 min Scan# 3148

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

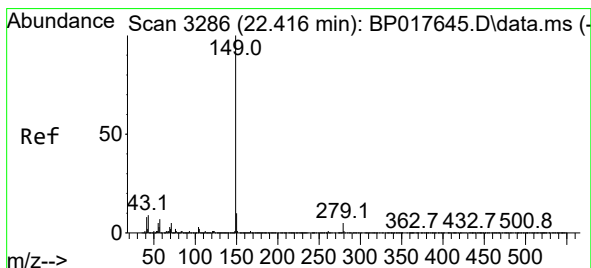
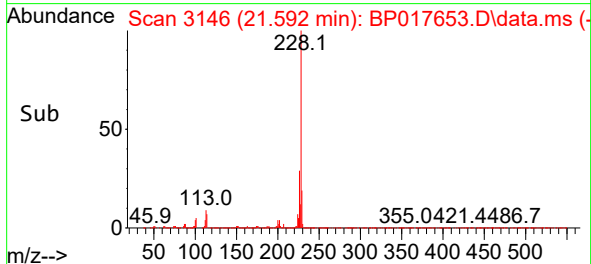
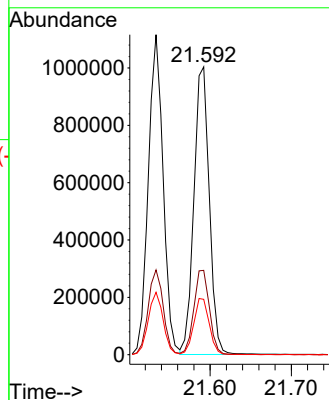
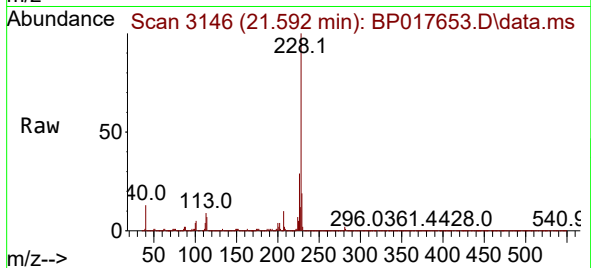
Tgt Ion:228 Resp: 1324933

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.2 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 19.284 ng/ul

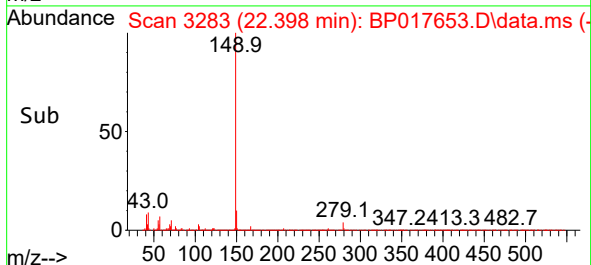
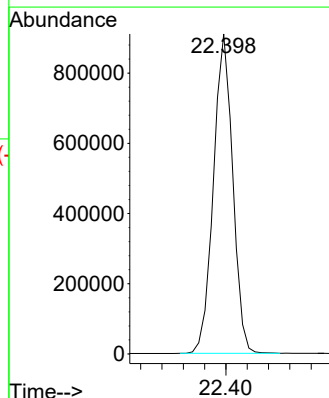
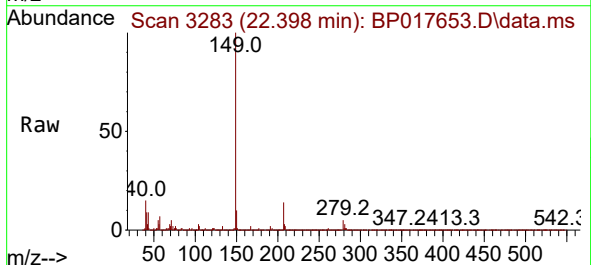
RT: 22.398 min Scan# 3283

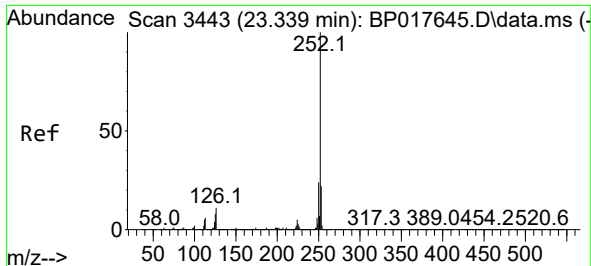
Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Tgt Ion:149 Resp: 1140533

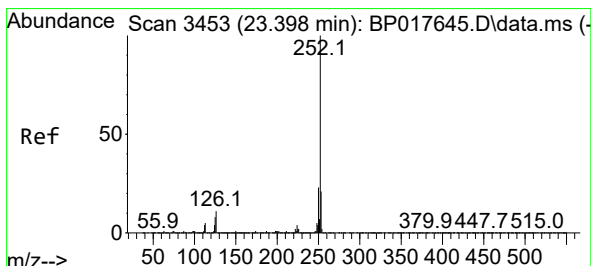
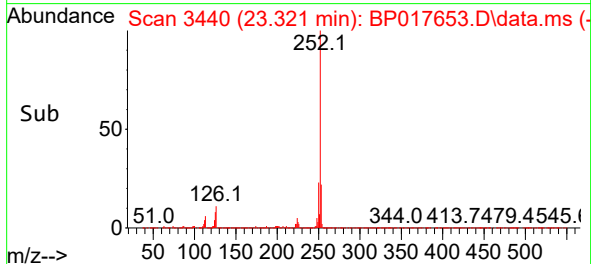
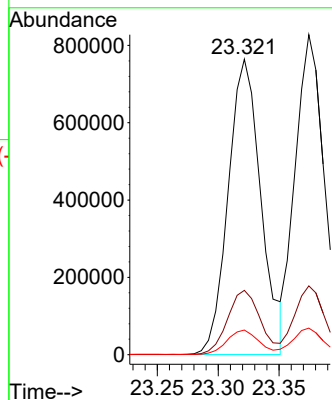
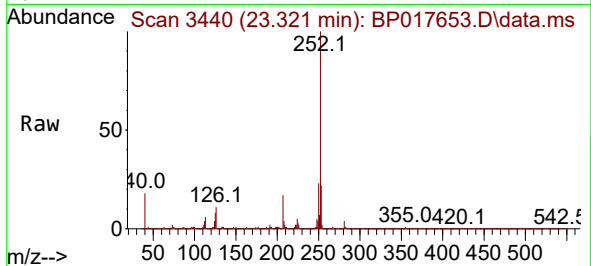




#90
Benzo(b)fluoranthene
Concen: 22.099 ng/ul
RT: 23.321 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

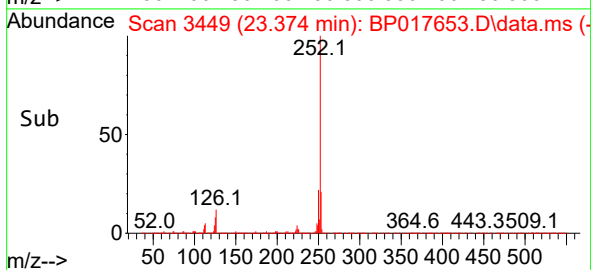
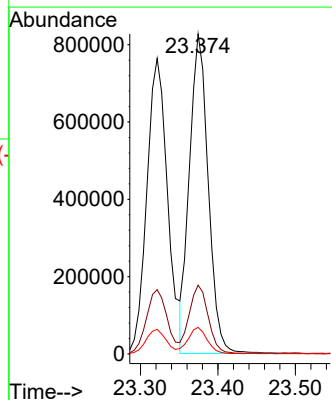
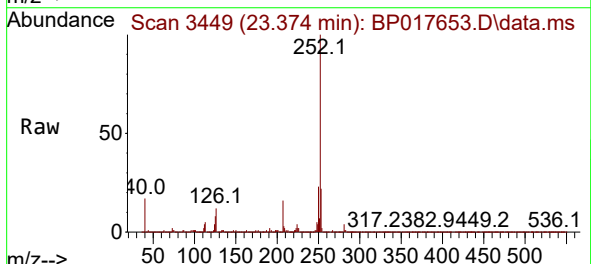
Instrument :
BNA_P
ClientSampleId :
SSTD020777

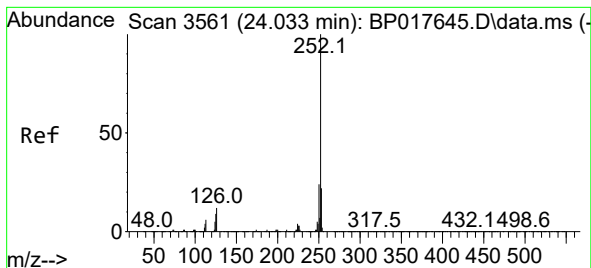
Tgt Ion:252 Resp: 1426978
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.3 6.6 10.0



#91
Benzo(k)fluoranthene
Concen: 21.332 ng/ul
RT: 23.374 min Scan# 3449
Delta R.T. -0.006 min
Lab File: BP017653.D
Acq: 11 Oct 2023 18:36

Tgt Ion:252 Resp: 1388173
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 8.3 6.6 10.0





#93

Benzo(a)pyrene

Concen: 22.048 ng/ul

RT: 24.010 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

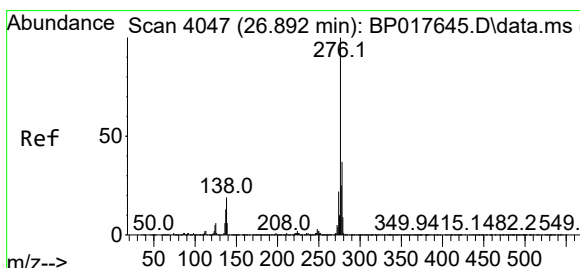
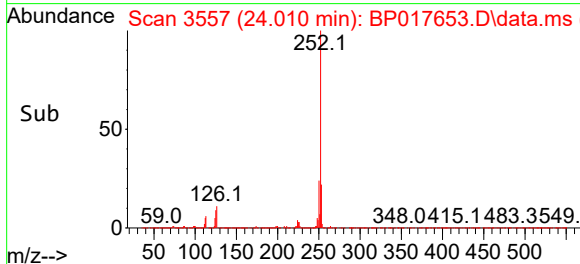
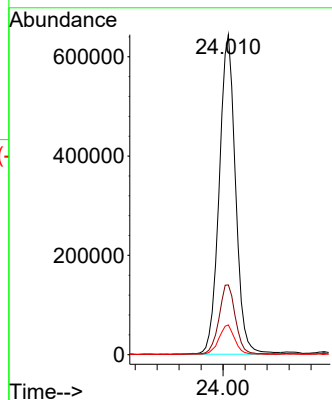
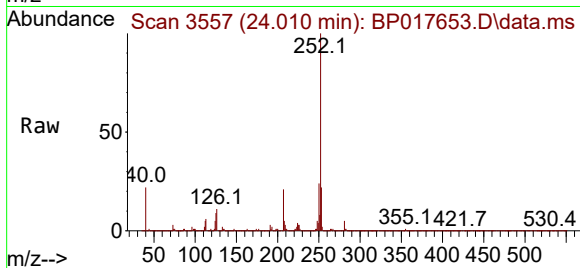
Tgt Ion:252 Resp: 1324382

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.3 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.714 ng/ul

RT: 26.857 min Scan# 4041

Delta R.T. 0.000 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

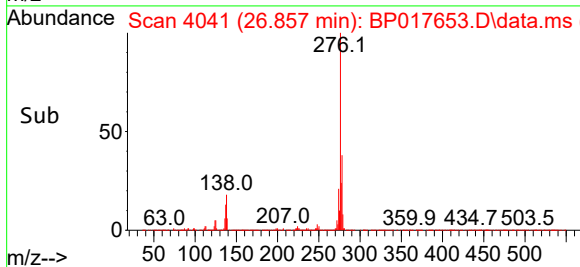
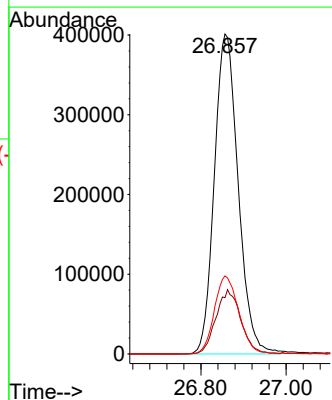
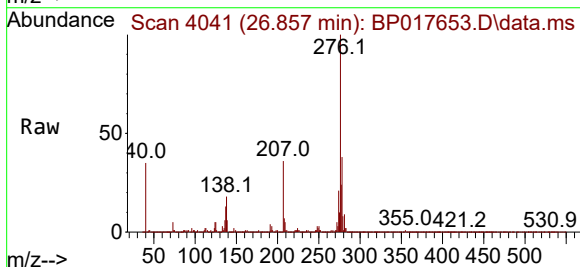
Tgt Ion:276 Resp: 1559236

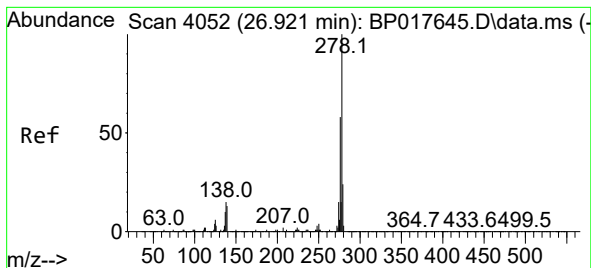
Ion Ratio Lower Upper

276 100

138 17.6 14.5 21.7

277 24.4 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 22.019 ng/ul

RT: 26.886 min Scan# 4052

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Instrument :

BNA_P

ClientSampleId :

SSTD020777

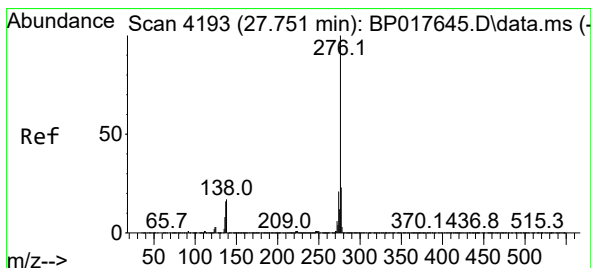
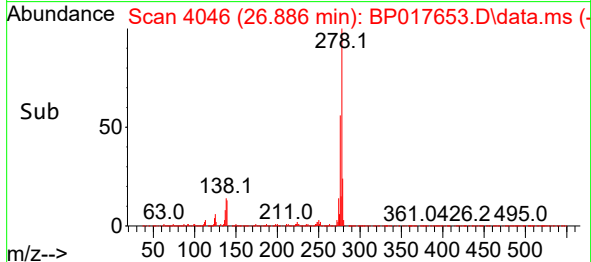
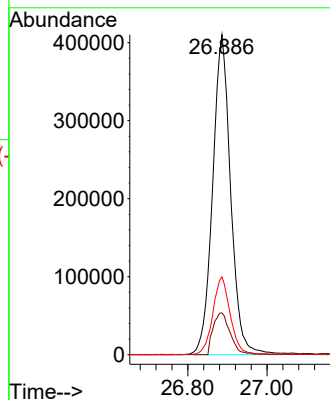
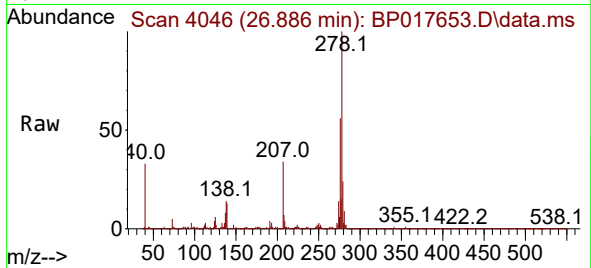
Tgt Ion:278 Resp: 1294893

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.6

279 24.3 19.9 29.9



#96

Benzo(g,h,i)perylene

Concen: 21.839 ng/ul

RT: 27.709 min Scan# 4186

Delta R.T. -0.006 min

Lab File: BP017653.D

Acq: 11 Oct 2023 18:36

Tgt Ion:276 Resp: 1278020

Ion Ratio Lower Upper

276 100

138 18.1 15.8 23.6

277 23.4 19.0 28.6

