

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
 Data File : BP013471.D
 Acq On : 12 Jan 2023 22:34
 Operator : CG/JU
 Sample : PB150110BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150110BS

Quant Time: Jan 13 04:08:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	606350	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	2830306	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1930532	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	4032156	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3137541	20.000	ng	0.00
86) Perylene-d12	23.857	264	2528354	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	5171759	149.828	ng	0.00
7) Phenol-d6	7.081	99	6883628	141.080	ng	0.00
23) Nitrobenzene-d5	9.081	82	4039362	75.823	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	3249577	107.835	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	9529961	72.163	ng	0.00
79) Terphenyl-d14	19.863	244	12451807	81.136	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	462232	34.149	ng	99
3) Pyridine	3.740	79	1227896	29.099	ng	100
4) n-Nitrosodimethylamine	3.652	42	813976	40.226	ng	96
6) Aniline	7.234	93	2178581	33.414	ng	99
8) 2-Chlorophenol	7.469	128	2017283	50.498	ng	99
9) Benzaldehyde	7.046	77	195398	6.634	ng	97
10) Phenol	7.105	94	2581602	51.260	ng	100
11) bis(2-Chloroethyl)ether	7.328	93	1828749	44.796	ng	99
12) 1,3-Dichlorobenzene	7.793	146	1887384	44.845	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1955133	45.582	ng	99
14) 1,2-Dichlorobenzene	8.258	146	1930506	46.069	ng	100
15) Benzyl Alcohol	8.158	79	1812521	48.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2833541	44.863	ng	100
17) 2-Methylphenol	8.358	107	1724406	46.252	ng	99
18) Hexachloroethane	8.987	117	694287	45.707	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	1489692	42.776	ng	99
20) 3+4-Methylphenols	8.687	107	2358519	45.533	ng	100
22) Acetophenone	8.740	105	2895639	39.950	ng	100
24) Nitrobenzene	9.122	77	2164094	39.272	ng	98
25) Isophorone	9.652	82	4151409	37.858	ng	100
26) 2-Nitrophenol	9.834	139	1126826	41.367	ng	99
27) 2,4-Dimethylphenol	9.893	122	1940941	43.283	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	2567643	39.701	ng	99
29) 2,4-Dichlorophenol	10.369	162	2049292	43.551	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	2040073	40.966	ng	99
31) Naphthalene	10.769	128	5873971	39.247	ng	100
32) Benzoic acid	10.063	122	1579416	42.228	ng	97
33) 4-Chloroaniline	10.887	127	1832245	26.800	ng	99
34) Hexachlorobutadiene	11.046	225	1284609	40.923	ng	99
35) Caprolactam	11.699	113	330778	19.729	ng	99
36) 4-Chloro-3-methylphenol	12.010	107	2080714	40.579	ng	99
37) 2-Methylnaphthalene	12.375	142	4266088	37.968	ng	99
38) 1-Methylnaphthalene	12.599	142	4017659	37.904	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	2474534	39.106	ng	99
41) Hexachlorocyclopentadiene	12.722	237	2893862	87.709	ng	99
43) 2,4,6-Trichlorophenol	12.987	196	1727980	39.717	ng	99

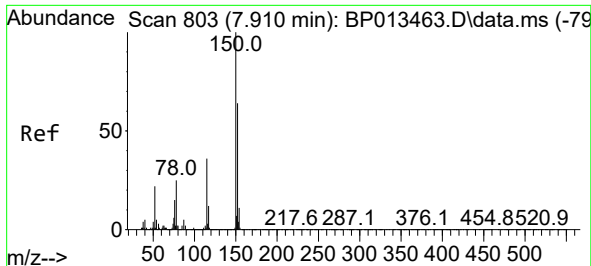
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 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	1876193	36.750	ng	99
46) 1,1'-Biphenyl	13.387	154	5623748	38.530	ng	100
47) 2-Chloronaphthalene	13.434	162	4416457	39.452	ng	99
48) 2-Nitroaniline	13.640	65	1376509	37.357	ng	97
49) Acenaphthylene	14.281	152	6825150	36.972	ng	99
50) Dimethylphthalate	14.016	163	5548270	36.243	ng	100
51) 2,6-Dinitrotoluene	14.140	165	1250265	37.440	ng	97
52) Acenaphthene	14.622	154	4066832	37.220	ng	99
53) 3-Nitroaniline	14.469	138	988679	27.673	ng	98
54) 2,4-Dinitrophenol	14.681	184	1743525	76.836	ng	99
55) Dibenzofuran	14.957	168	6626621	36.579	ng	99
56) 4-Nitrophenol	14.787	139	2155440	75.086	ng	97
57) 2,4-Dinitrotoluene	14.928	165	1703769	37.309	ng	99
58) Fluorene	15.604	166	5211795	36.456	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1659617	37.594	ng	99
60) Diethylphthalate	15.375	149	5396162	36.022	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	2773871	36.536	ng	100
62) 4-Nitroaniline	15.640	138	1252635	34.245	ng	99
63) Azobenzene	15.893	77	5013039	36.446	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	1064846	38.616	ng	98
66) n-Nitrosodiphenylamine	15.816	169	4691785	39.599	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	1857653	40.021	ng	97
68) Hexachlorobenzene	16.616	284	2116907	41.880	ng	98
69) Atrazine	16.775	200	1442739	33.247	ng	99
70) Pentachlorophenol	16.963	266	2690597	72.628	ng	99
71) Phenanthrene	17.357	178	8215711	38.617	ng	100
72) Anthracene	17.451	178	8222577	37.982	ng	100
73) Carbazole	17.722	167	7528056	38.180	ng	99
74) Di-n-butylphthalate	18.263	149	8954046	39.124	ng	100
75) Fluoranthene	19.322	202	9317141	36.459	ng	99
77) Benzidine	19.498	184	2879099	30.882	ng	99
78) Pyrene	19.675	202	9481247	45.945	ng	100
80) Butylbenzylphthalate	20.539	149	3595945	40.312	ng	98
81) Benzo(a)anthracene	21.386	228	8193020	38.775	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	2718378	34.434	ng	99
83) Chrysene	21.439	228	7620699	38.171	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	4834848	37.454	ng	99
85) Di-n-octyl phthalate	22.239	149	7153827	32.645	ng	100
87) Indeno(1,2,3-cd)pyrene	26.427	276	8024139	43.885	ng	100
88) Benzo(b)fluoranthene	23.110	252	7219354	48.090	ng	100
89) Benzo(k)fluoranthene	23.157	252	6881043	47.225	ng	99
90) Benzo(a)pyrene	23.751	252	6093853	41.320	ng	99
91) Dibenzo(a,h)anthracene	26.445	278	6921234	45.463	ng	99
92) Benzo(g,h,i)perylene	27.221	276	6952339	46.282	ng	99

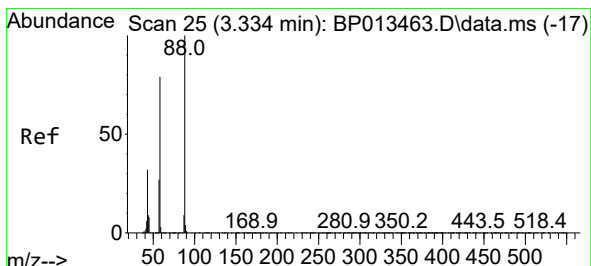
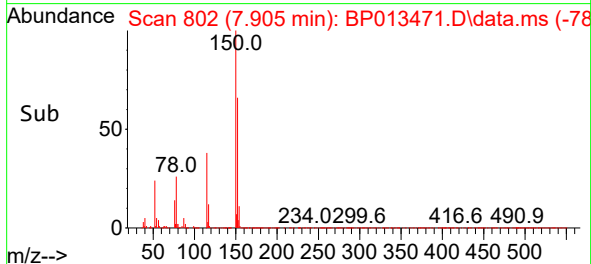
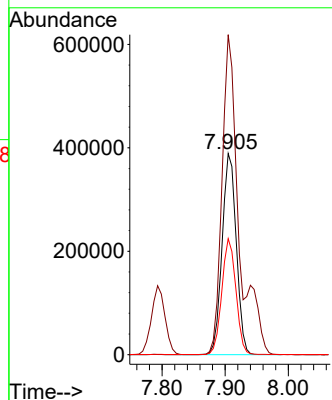
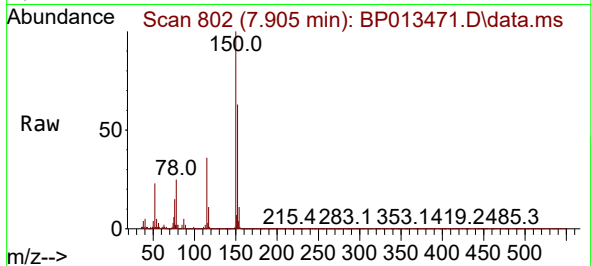
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP013471.D
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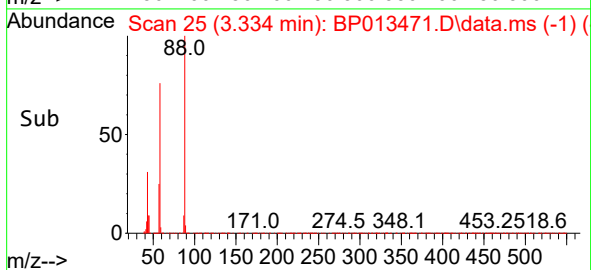
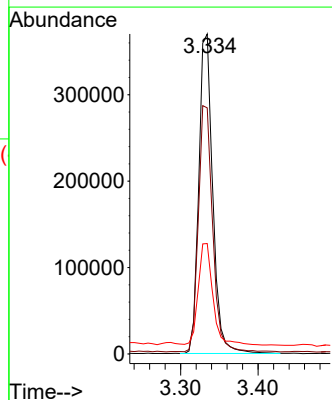
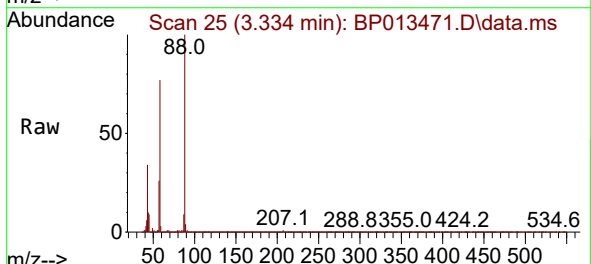
Instrument :
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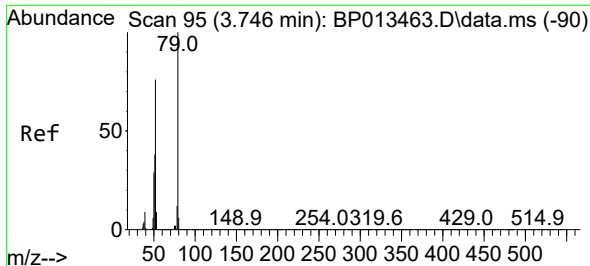
Tgt Ion:152 Resp: 606350
Ion Ratio Lower Upper
152 100
150 159.1 125.7 188.5
115 57.6 45.8 68.8



#2
1,4-Dioxane
Concen: 34.149 ng
RT: 3.334 min Scan# 25
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 88 Resp: 462232
Ion Ratio Lower Upper
88 100
58 79.0 63.4 95.0
43 34.0 26.2 39.4

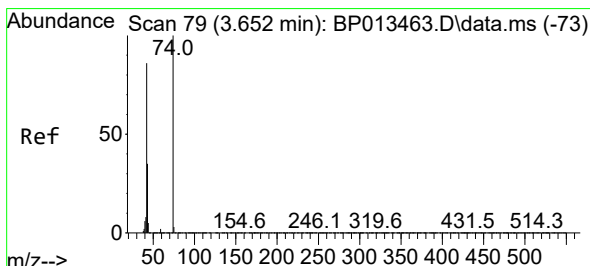
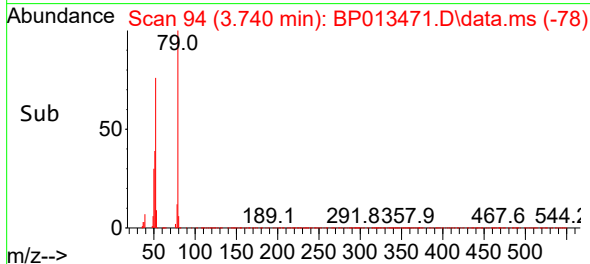
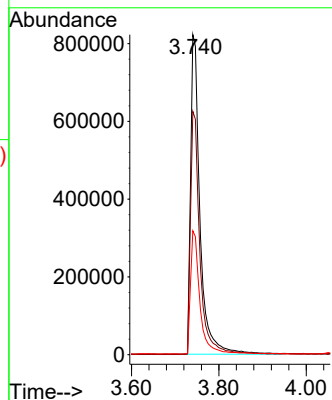
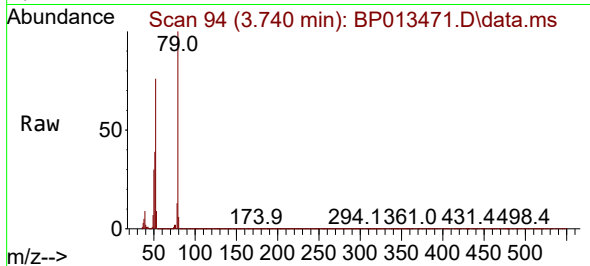




#3
 Pyridine
 Concen: 29.099 ng
 RT: 3.740 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

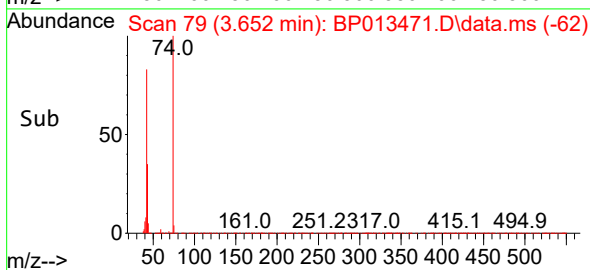
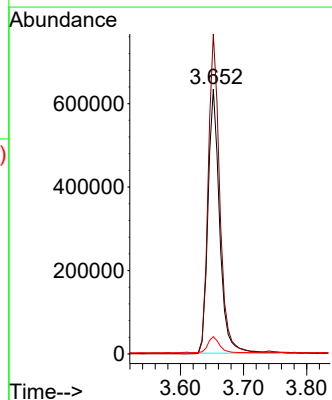
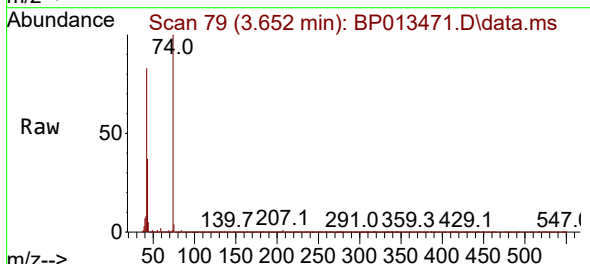
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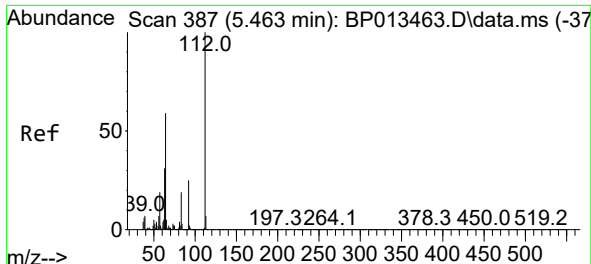
Tgt Ion: 79 Resp: 1227896
 Ion Ratio Lower Upper
 79 100
 52 76.0 60.6 91.0
 51 38.7 31.0 46.4



#4
 n-Nitrosodimethylamine
 Concen: 40.226 ng
 RT: 3.652 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

Tgt Ion: 42 Resp: 813976
 Ion Ratio Lower Upper
 42 100
 74 120.8 93.3 139.9
 44 6.6 5.1 7.7

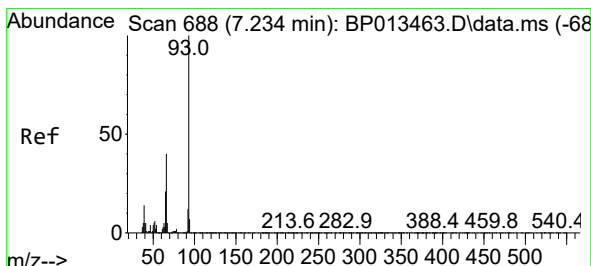
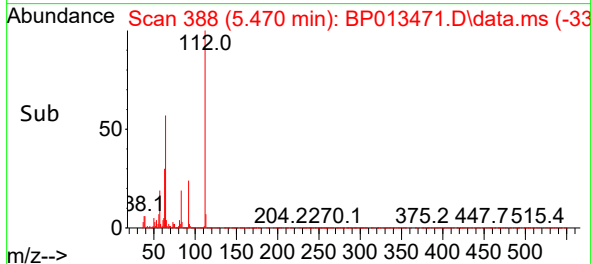
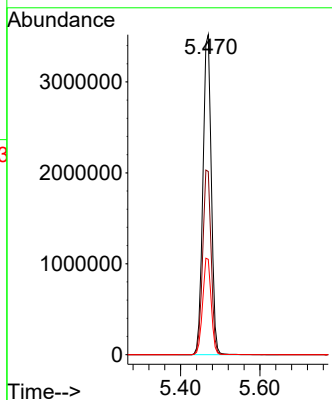
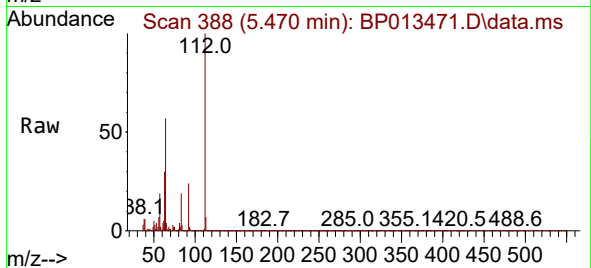




#5
2-Fluorophenol
Concen: 149.828 ng
RT: 5.470 min Scan# 387
Delta R.T. 0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

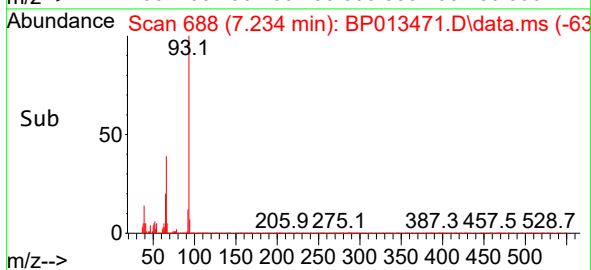
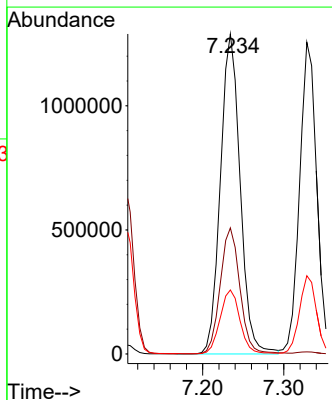
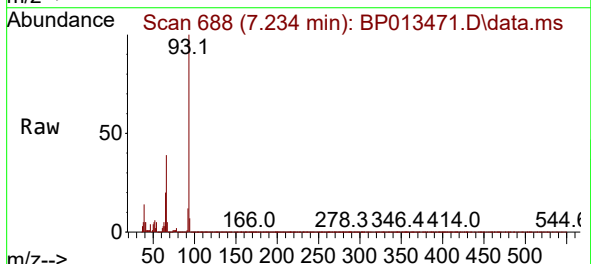
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ClientSampleId :
PB150110BS

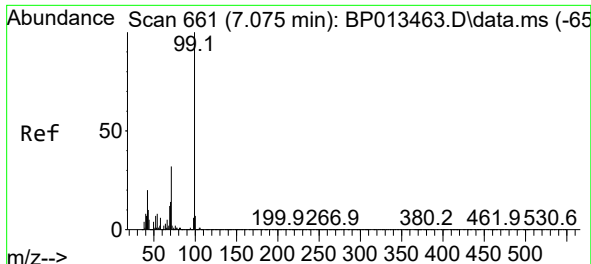
Tgt Ion:112 Resp: 5171759
Ion Ratio Lower Upper
112 100
64 57.2 47.5 71.3
63 29.8 25.0 37.4



#6
Aniline
Concen: 33.414 ng
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 93 Resp: 2178581
Ion Ratio Lower Upper
93 100
66 39.4 31.9 47.9
65 20.0 16.6 25.0





#7

Phenol-d6

Concen: 141.080 ng

RT: 7.081 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

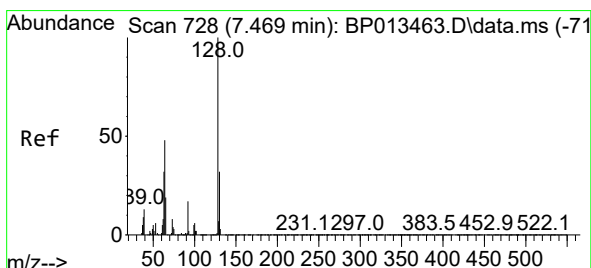
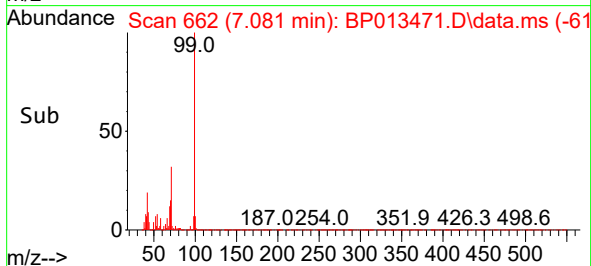
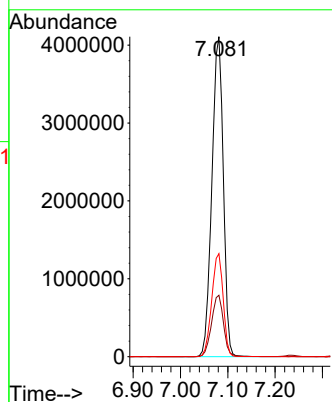
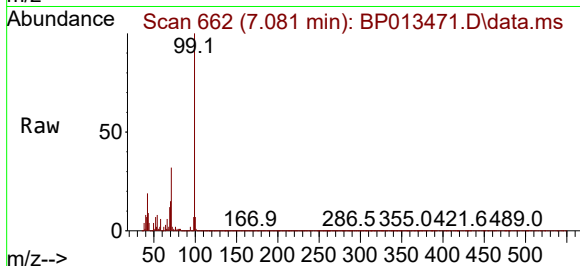
Tgt Ion: 99 Resp: 6883628

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 32.2 25.6 38.4



#8

2-Chlorophenol

Concen: 50.498 ng

RT: 7.469 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

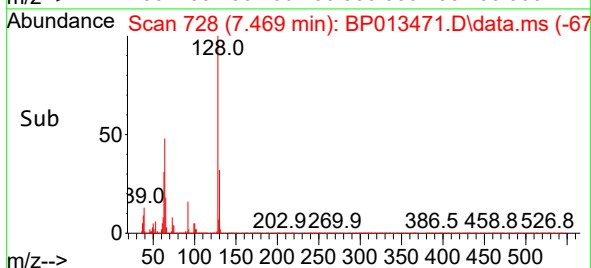
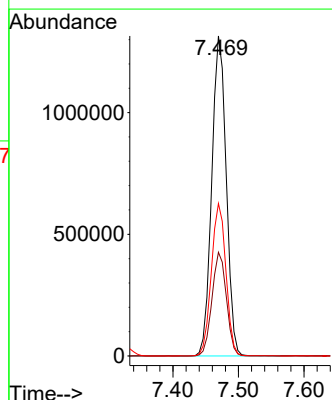
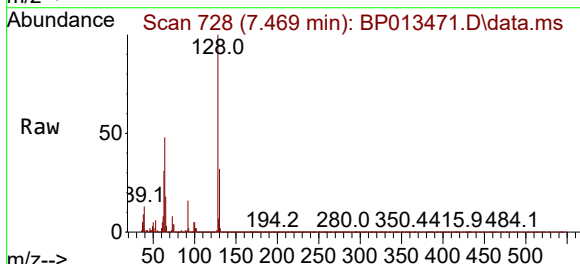
Tgt Ion:128 Resp: 2017283

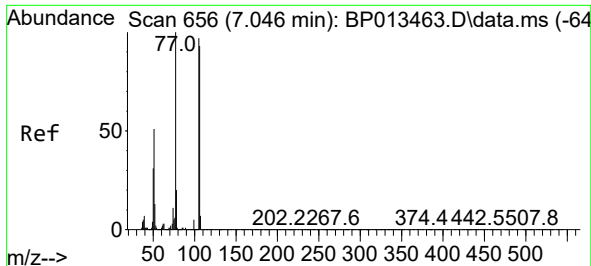
Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

64 47.6 28.6 68.6

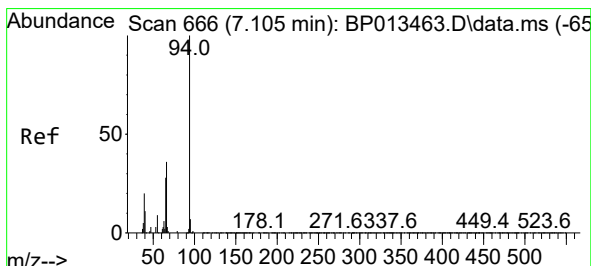
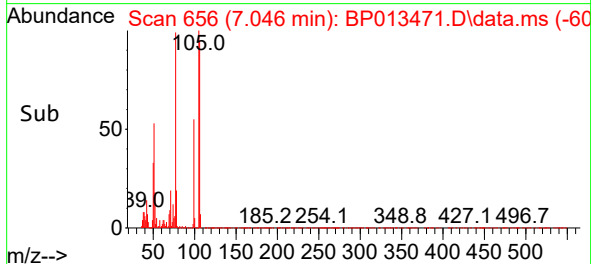
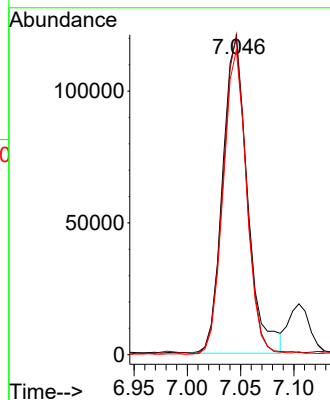
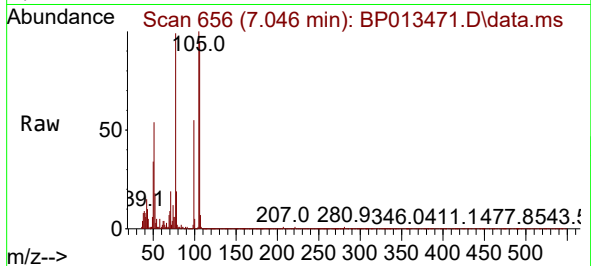




#9
Benzaldehyde
Concen: 6.634 ng
RT: 7.046 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

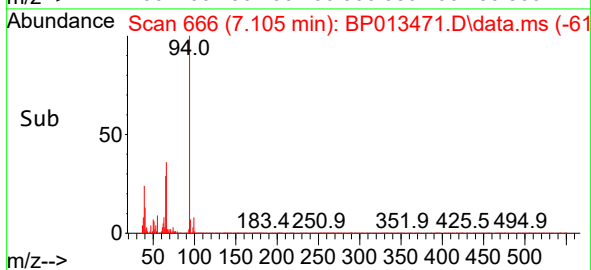
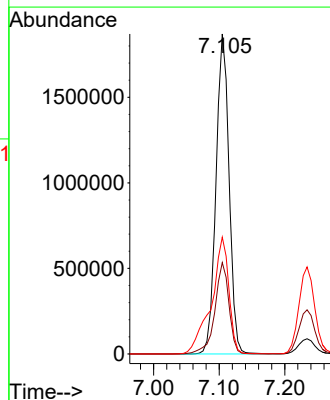
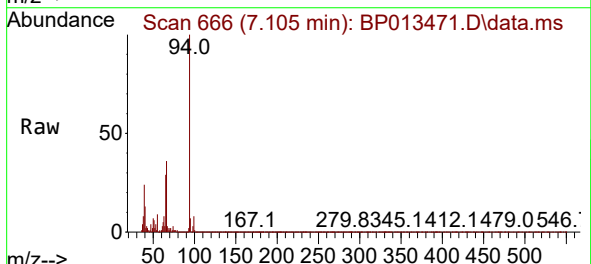
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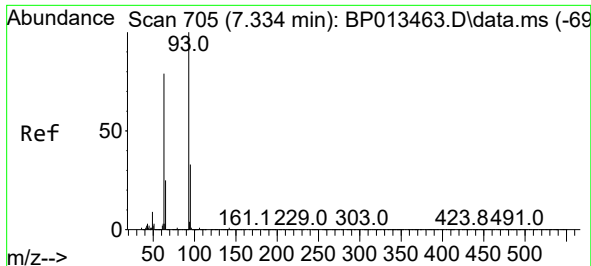
Tgt Ion: 77 Resp: 195398
Ion Ratio Lower Upper
77 100
105 101.0 77.3 117.3
106 96.1 73.1 113.1



#10
Phenol
Concen: 51.260 ng
RT: 7.105 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 94 Resp: 2581602
Ion Ratio Lower Upper
94 100
65 28.6 8.3 48.3
66 36.5 16.6 56.6

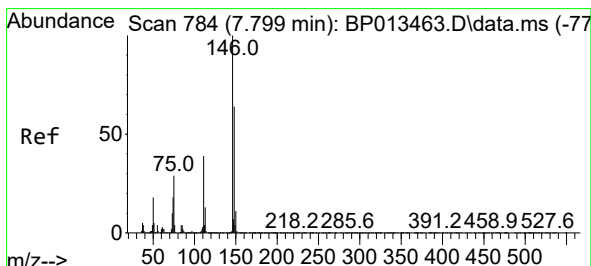
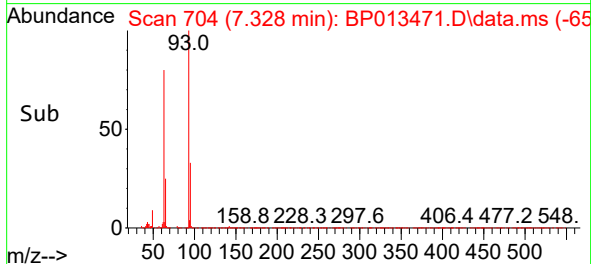
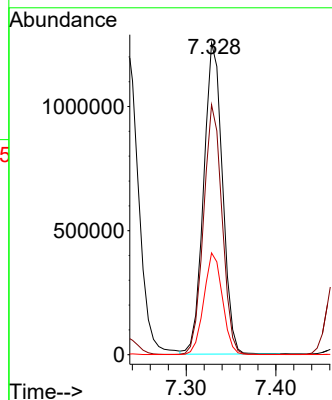
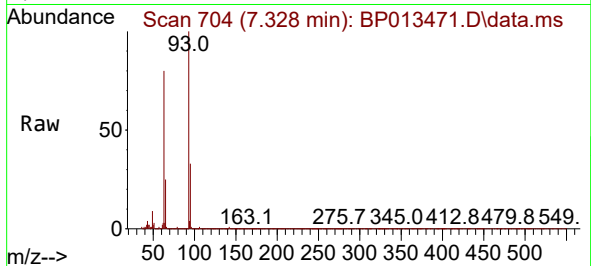




#11
bis(2-Chloroethyl)ether
Concen: 44.796 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

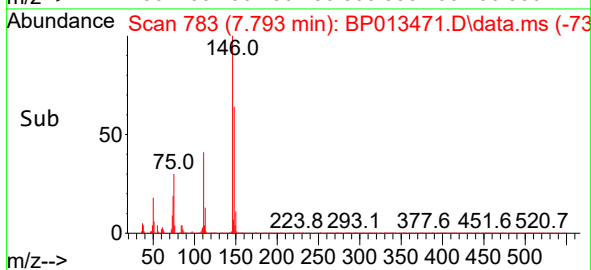
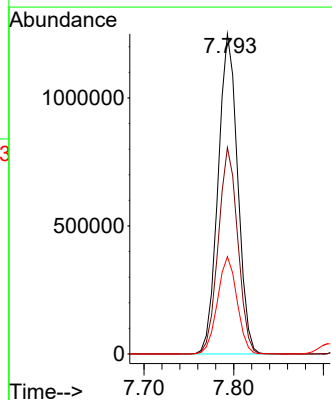
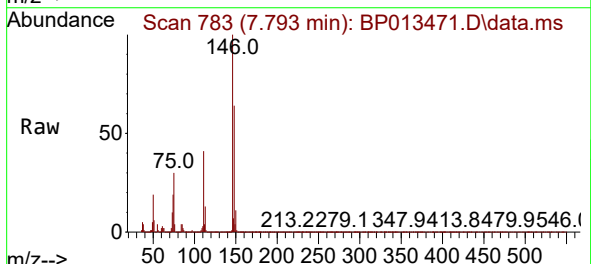
Instrument :
BNA_P
ClientSampleId :
PB150110BS

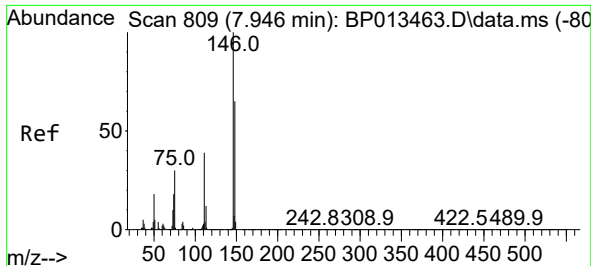
Tgt Ion: 93 Resp: 1828749
Ion Ratio Lower Upper
93 100
63 80.2 59.3 99.3
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.845 ng
RT: 7.793 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:146 Resp: 1887384
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
75 30.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 45.582 ng

RT: 7.940 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

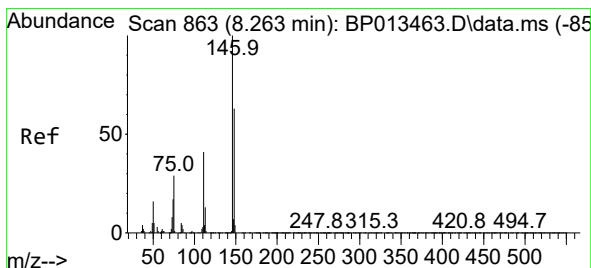
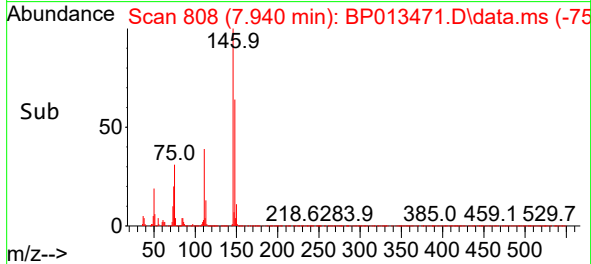
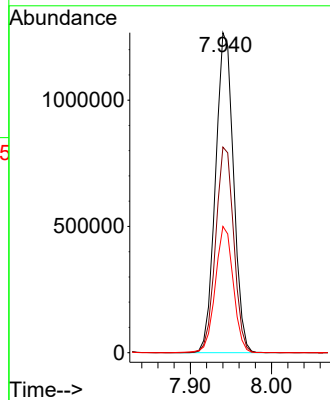
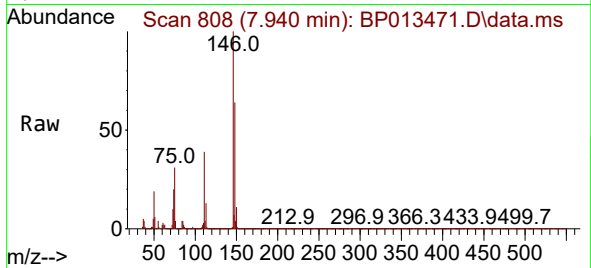
Tgt Ion:146 Resp: 1955133

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 39.5 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 46.069 ng

RT: 8.258 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

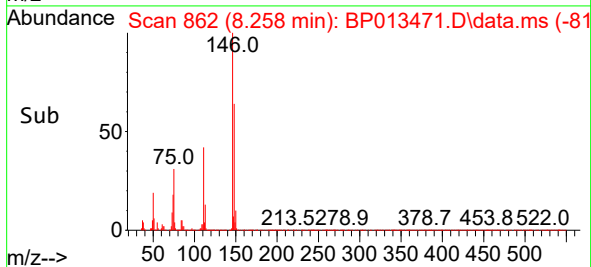
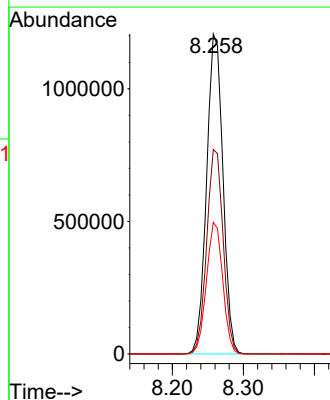
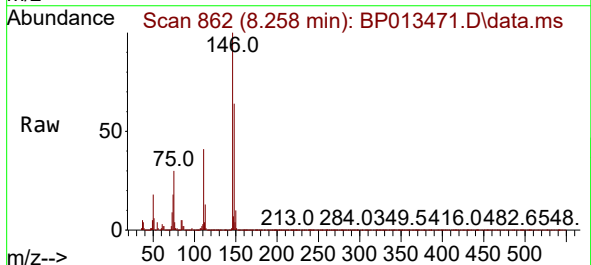
Tgt Ion:146 Resp: 1930506

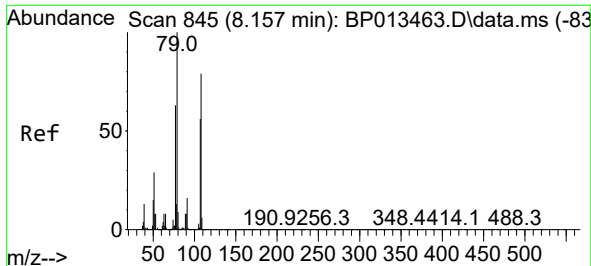
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 41.2 32.7 49.1

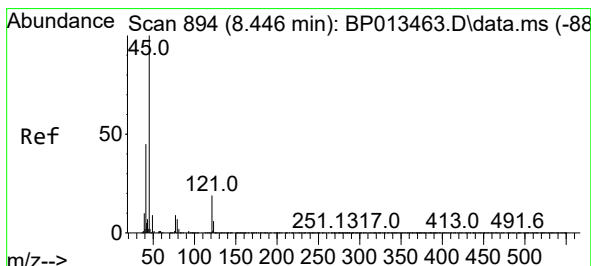
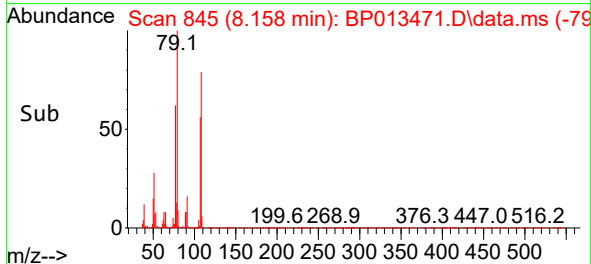
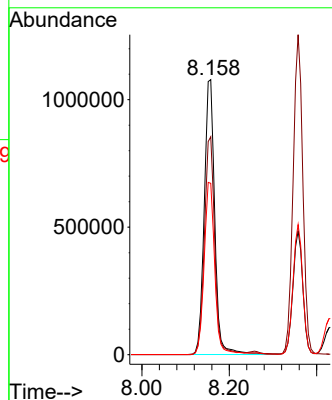
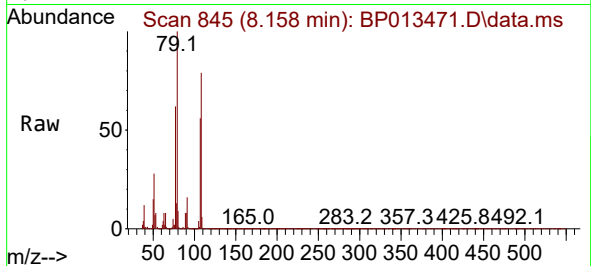




#15
Benzyl Alcohol
Concen: 48.210 ng
RT: 8.158 min Scan# 845
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

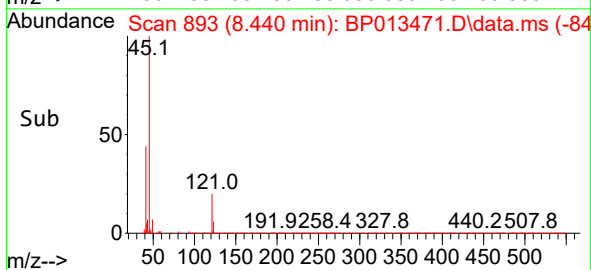
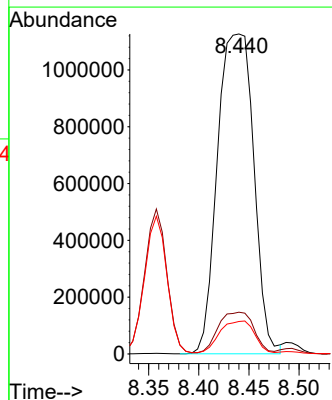
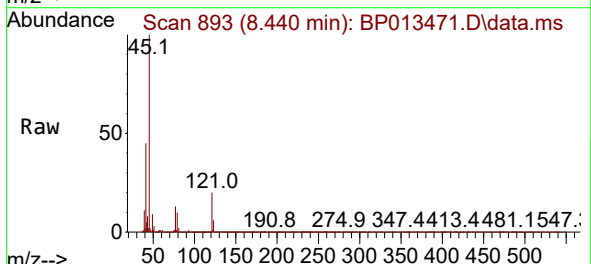
Instrument :
BNA_P
ClientSampleId :
PB150110BS

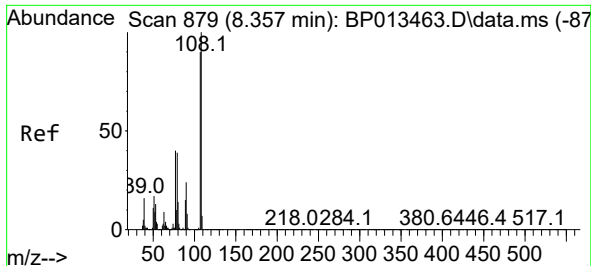
Tgt Ion: 79 Resp: 1812521
Ion Ratio Lower Upper
79 100
108 79.2 63.2 94.8
77 62.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.863 ng
RT: 8.440 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 45 Resp: 2833541
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.8
79 10.2 0.0 30.3

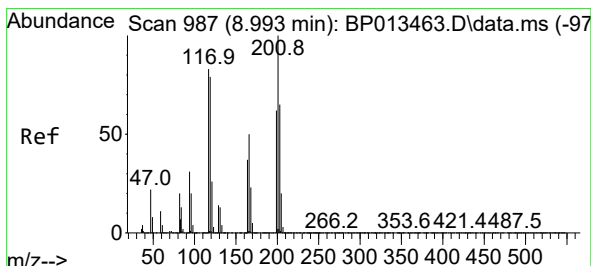
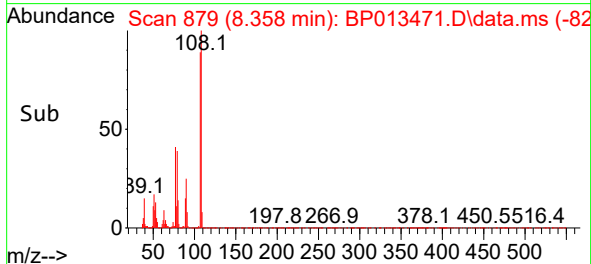
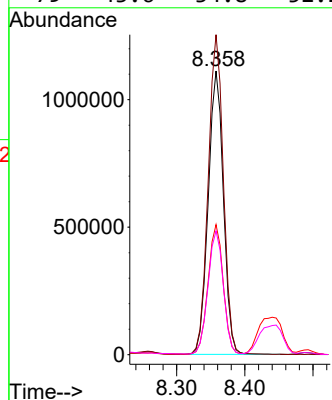
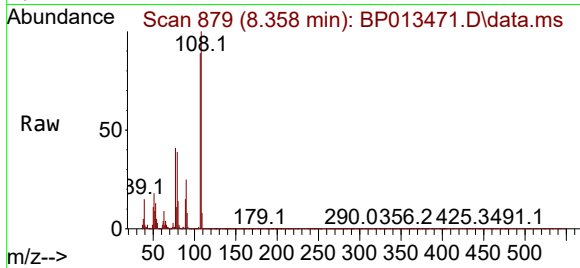




#17
2-Methylphenol
Concen: 46.252 ng
RT: 8.358 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

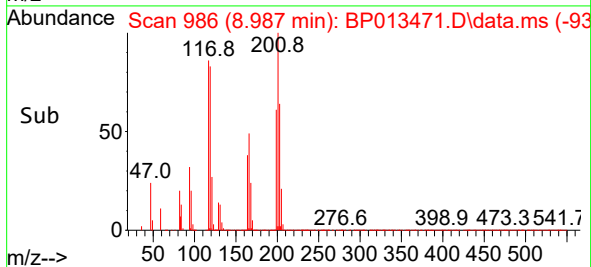
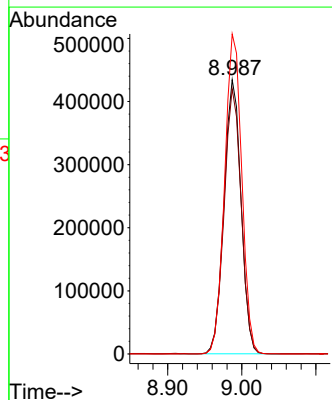
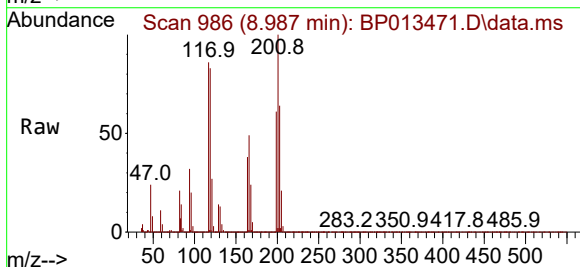
Instrument :
BNA_P
ClientSampleId :
PB150110BS

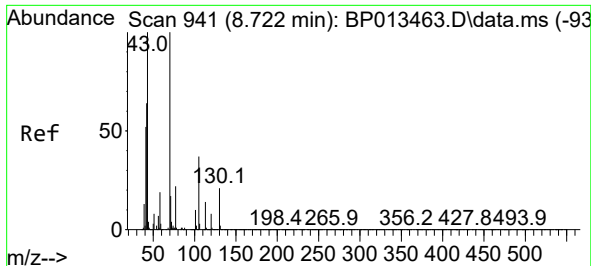
Tgt Ion:107 Resp: 1724406
Ion Ratio Lower Upper
107 100
108 112.8 88.8 133.2
77 45.9 35.8 53.8
79 43.6 34.8 52.2



#18
Hexachloroethane
Concen: 45.707 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:117 Resp: 694287
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 116.7 95.8 143.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.776 ng

RT: 8.722 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP013471.D

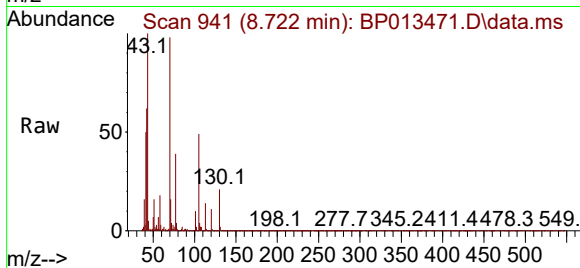
Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS



Tgt Ion: 70 Resp: 1489692

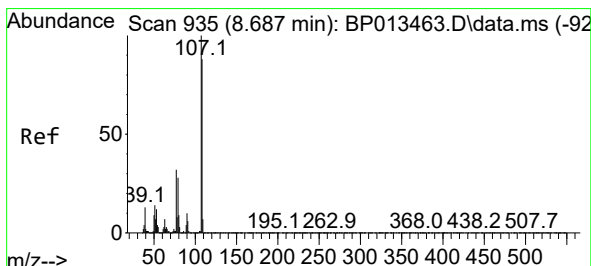
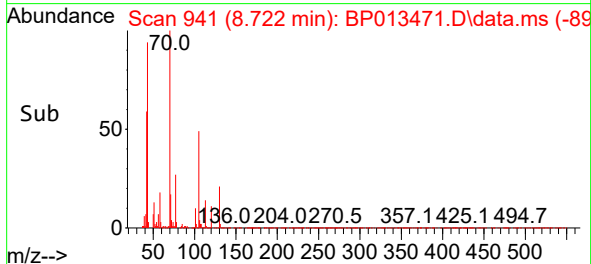
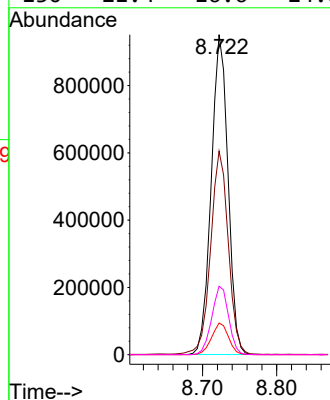
Ion Ratio Lower Upper

70 100

42 63.6 51.1 76.7

101 9.9 7.8 11.8

130 21.4 16.6 24.8



#20

3+4-Methylphenols

Concen: 45.533 ng

RT: 8.687 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Tgt Ion:107 Resp: 2358519

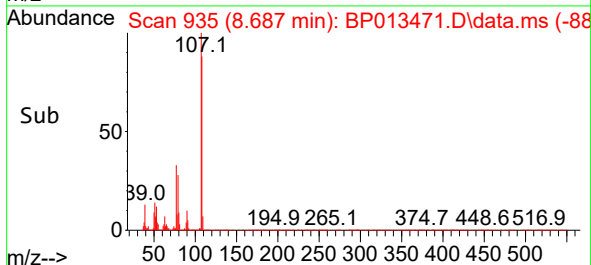
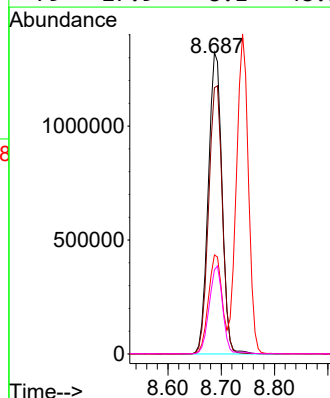
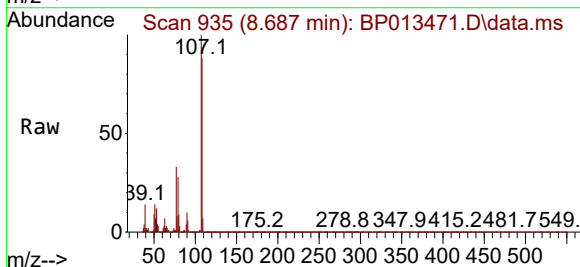
Ion Ratio Lower Upper

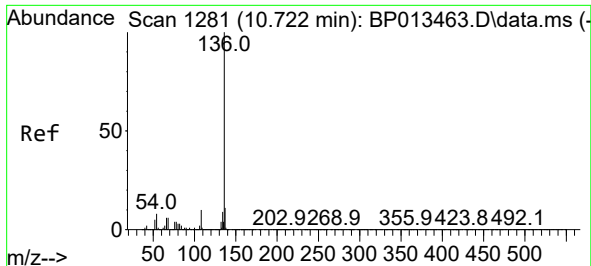
107 100

108 88.2 68.1 108.1

77 32.8 12.3 52.3

79 27.9 8.1 48.1



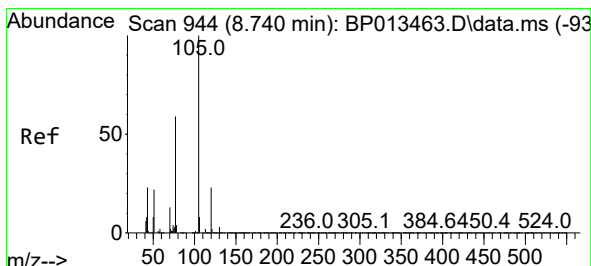
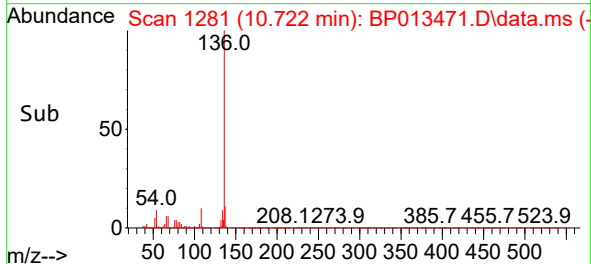
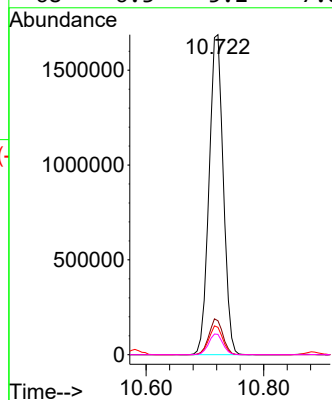
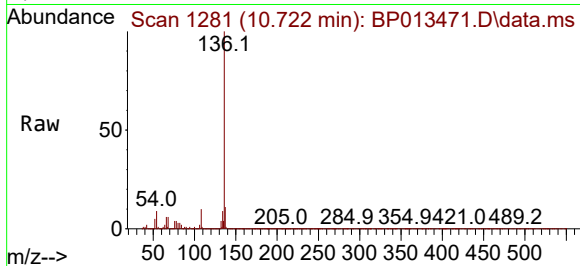


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Instrument :
BNA_P
ClientSampleId :
PB150110BS

Tgt Ion:136 Resp: 2830306

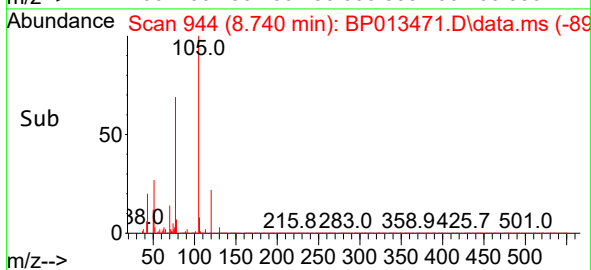
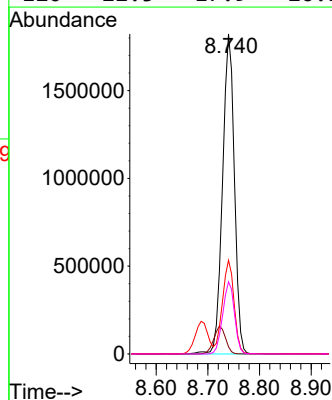
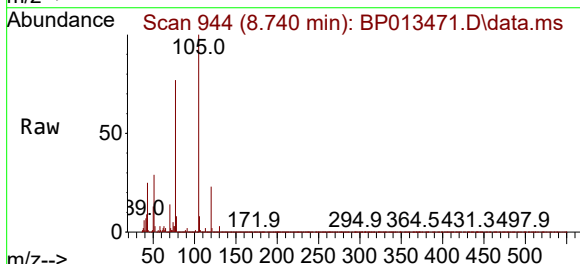
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.6	6.6	10.0
68	6.3	5.2	7.8

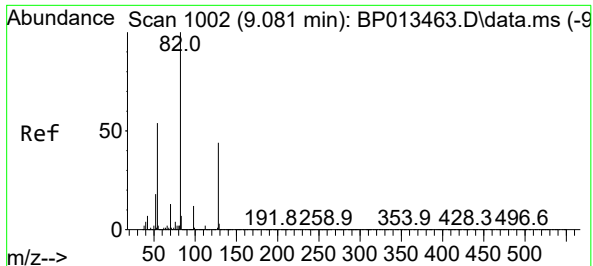


#22
Acetophenone
Concen: 39.950 ng
RT: 8.740 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:105 Resp: 2895639

Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.1	3.1
51	29.3	23.3	34.9
120	22.5	17.9	26.9

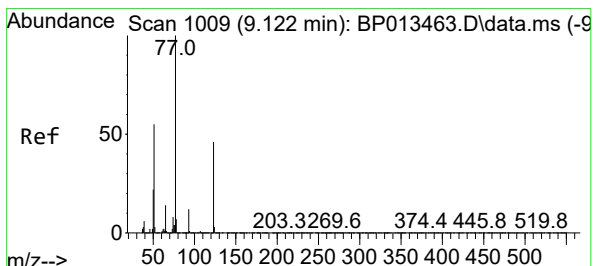
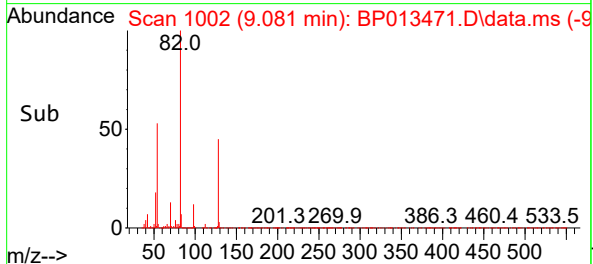
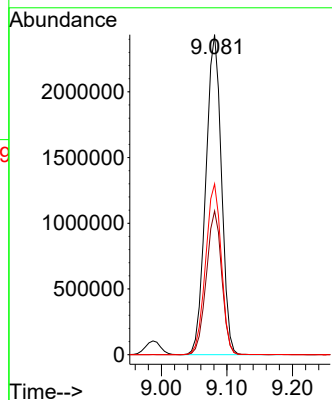
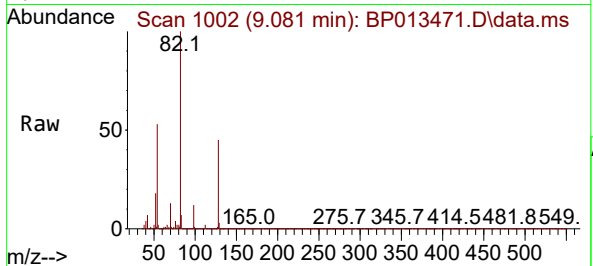




#23
Nitrobenzene-d5
Concen: 75.823 ng
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

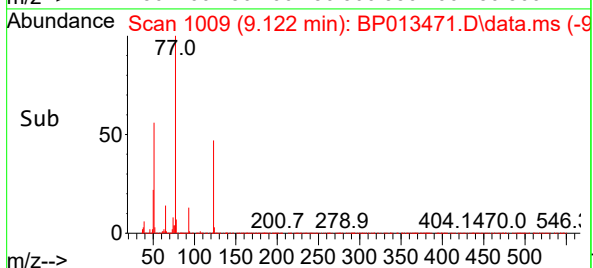
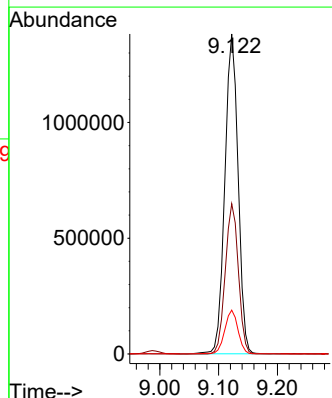
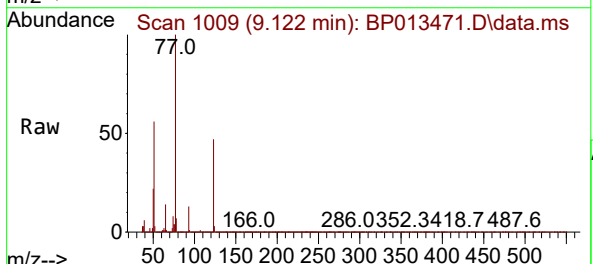
Instrument :
BNA_P
ClientSampleId :
PB150110BS

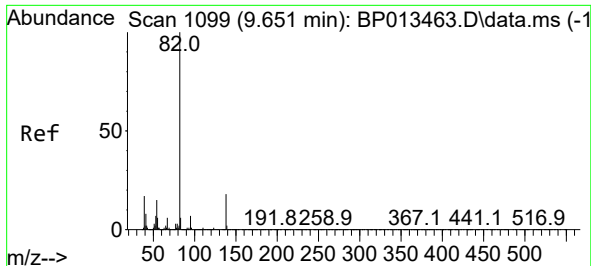
Tgt Ion: 82 Resp: 4039362
Ion Ratio Lower Upper
82 100
128 44.9 35.4 53.0
54 53.3 42.8 64.2



#24
Nitrobenzene
Concen: 39.272 ng
RT: 9.122 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 77 Resp: 2164094
Ion Ratio Lower Upper
77 100
123 46.9 36.5 54.7
65 13.7 11.0 16.6

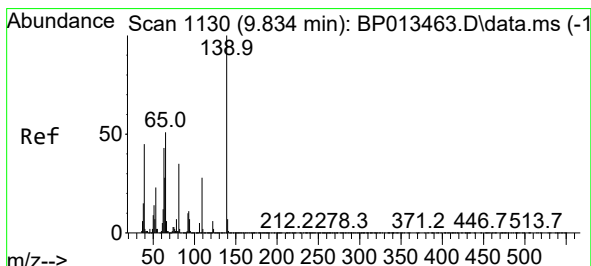
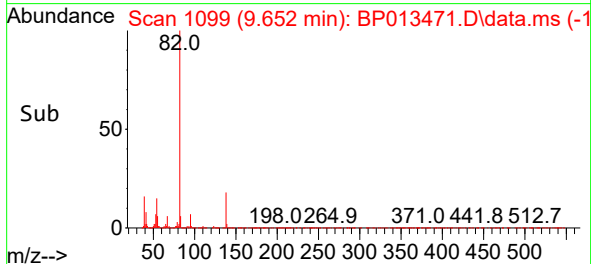
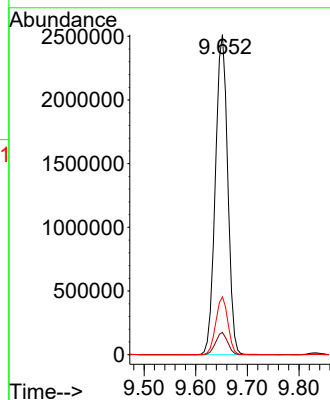
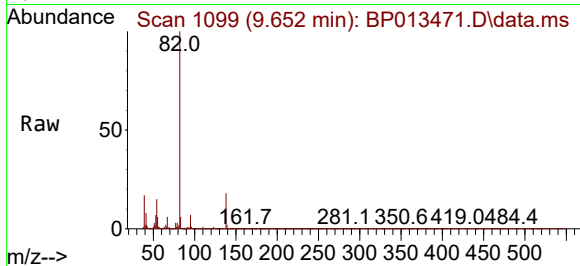




#25
Isophorone
Concen: 37.858 ng
RT: 9.652 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

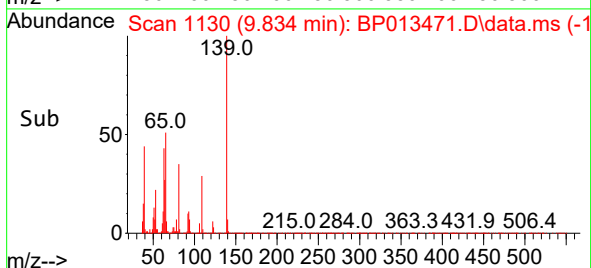
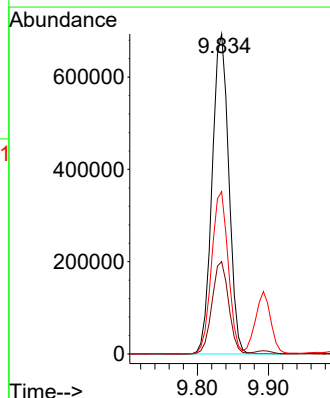
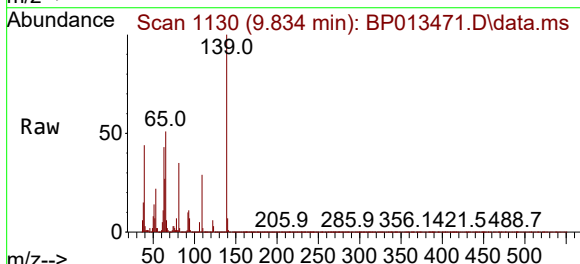
Instrument :
BNA_P
ClientSampleId :
PB150110BS

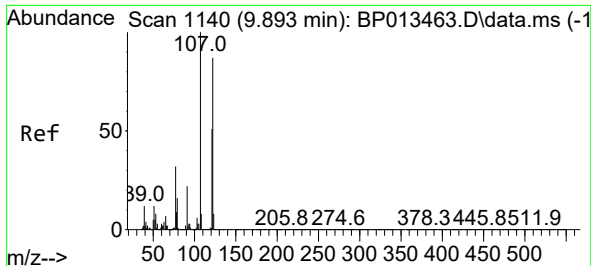
Tgt Ion: 82 Resp: 4151409
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 41.367 ng
RT: 9.834 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 139 Resp: 1126826
Ion Ratio Lower Upper
139 100
109 28.9 22.5 33.7
65 50.8 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 43.283 ng

RT: 9.893 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

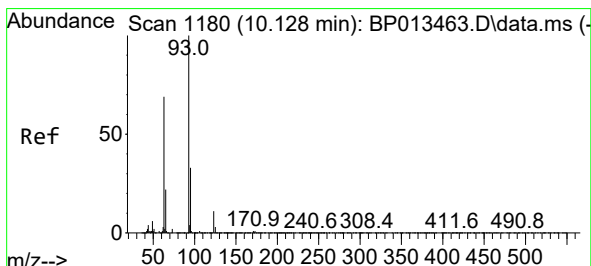
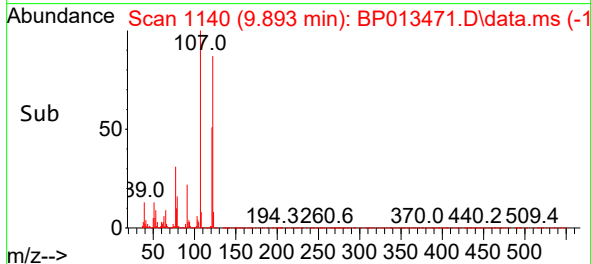
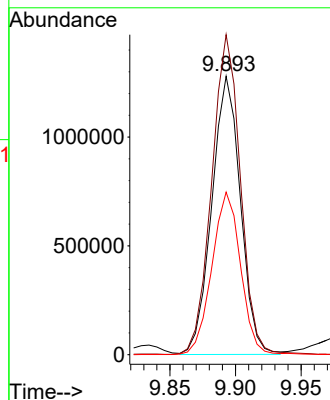
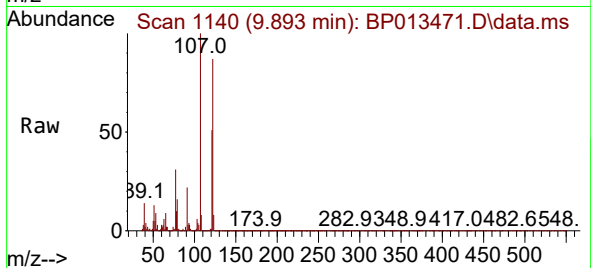
Tgt Ion:122 Resp: 1940941

Ion Ratio Lower Upper

122 100

107 115.0 91.6 137.4

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.701 ng

RT: 10.128 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

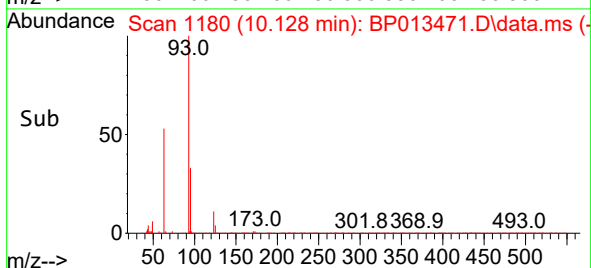
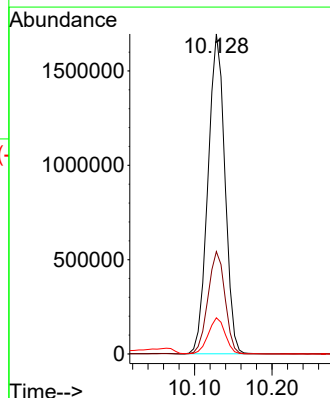
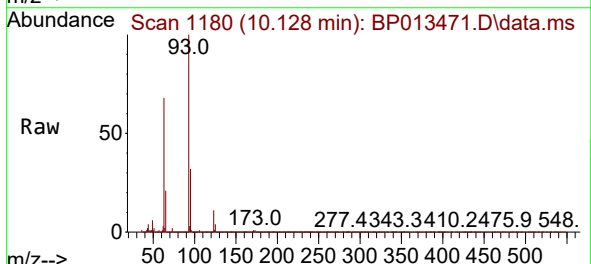
Tgt Ion: 93 Resp: 2567643

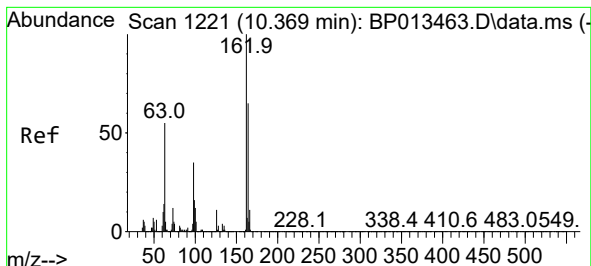
Ion Ratio Lower Upper

93 100

95 32.0 26.1 39.1

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.551 ng

RT: 10.369 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

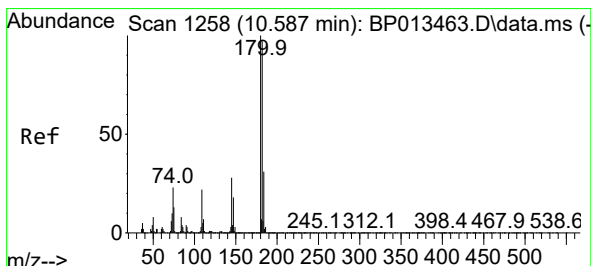
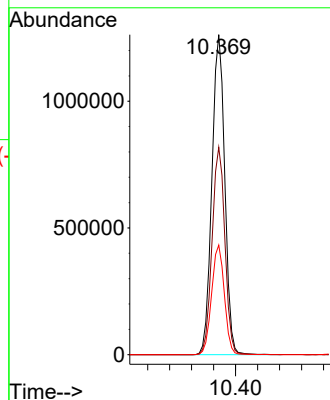
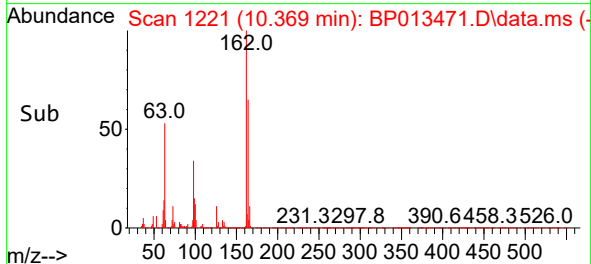
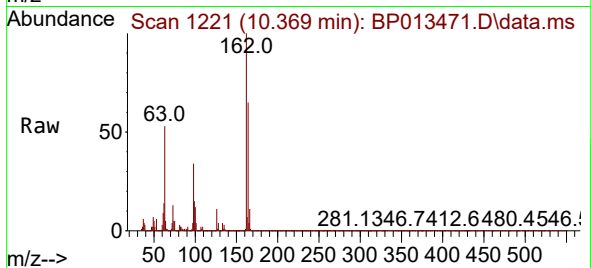
Tgt Ion:162 Resp: 2049292

Ion Ratio Lower Upper

162 100

164 64.8 45.4 85.4

98 34.3 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 40.966 ng

RT: 10.581 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

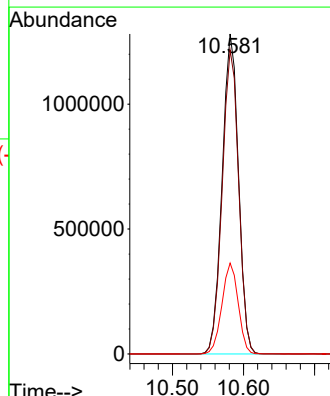
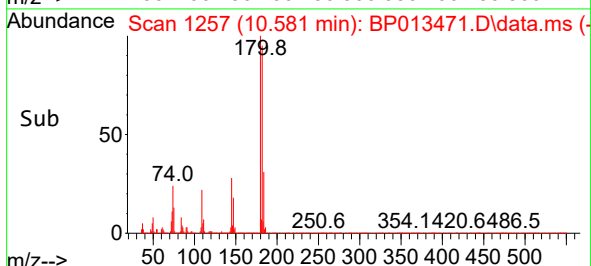
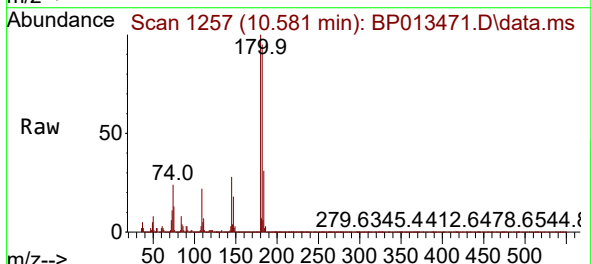
Tgt Ion:180 Resp: 2040073

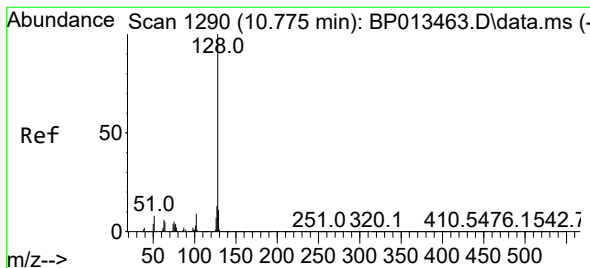
Ion Ratio Lower Upper

180 100

182 95.0 77.3 115.9

145 28.4 22.8 34.2

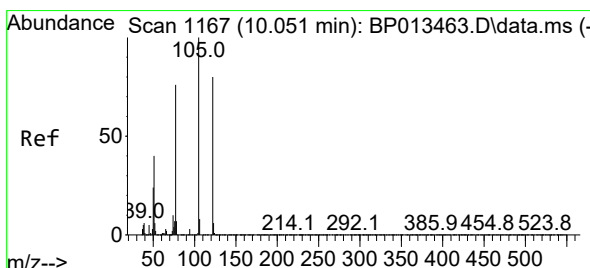
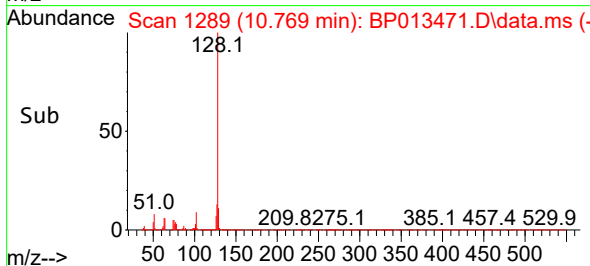
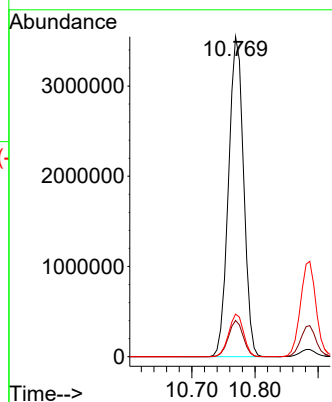
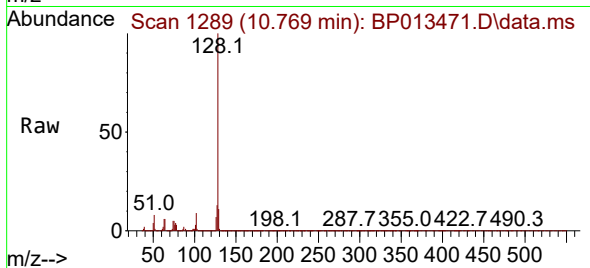




#31
Naphthalene
Concen: 39.247 ng
RT: 10.769 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

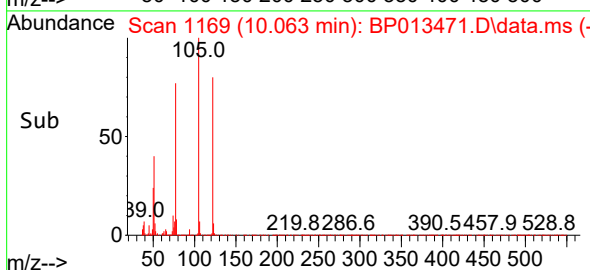
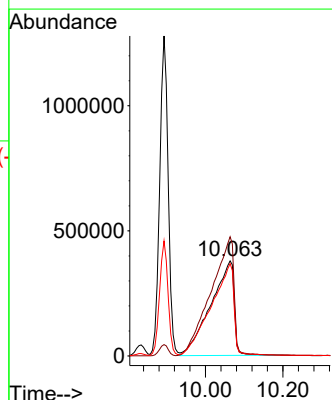
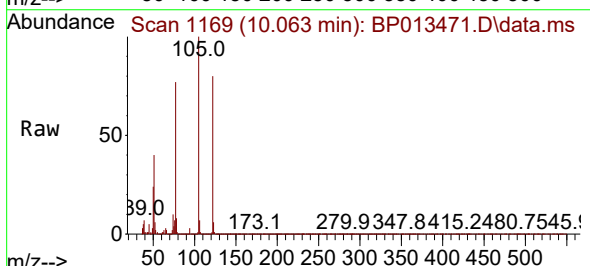
Instrument :
BNA_P
ClientSampleId :
PB150110BS

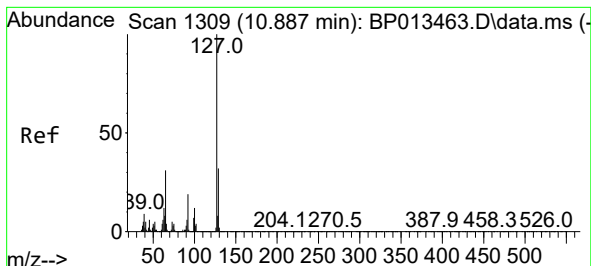
Tgt Ion:128 Resp: 5873971
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 42.228 ng
RT: 10.063 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:122 Resp: 1579416
Ion Ratio Lower Upper
122 100
105 125.4 102.7 142.7
77 97.1 74.0 114.0





#33

4-Chloroaniline

Concen: 26.800 ng

RT: 10.887 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

Tgt Ion:127 Resp: 1832245

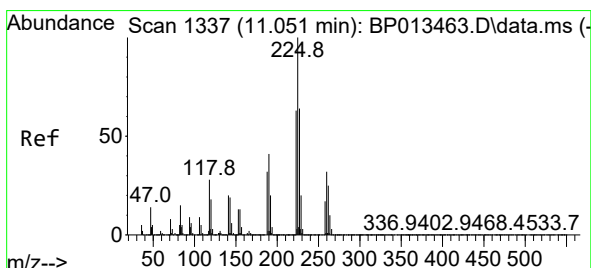
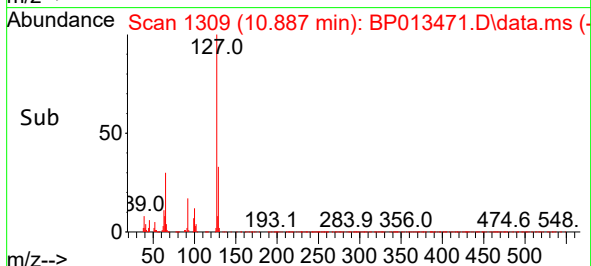
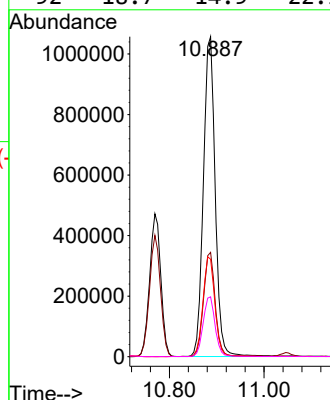
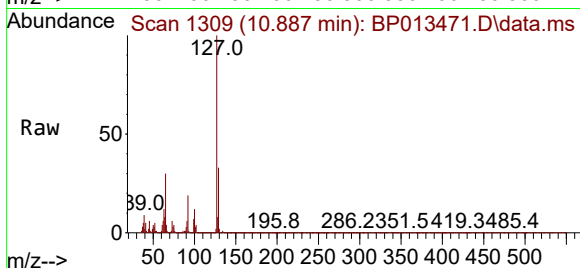
Ion Ratio Lower Upper

127 100

129 32.6 25.6 38.4

65 30.4 25.2 37.8

92 18.7 14.9 22.3



#34

Hexachlorobutadiene

Concen: 40.923 ng

RT: 11.046 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

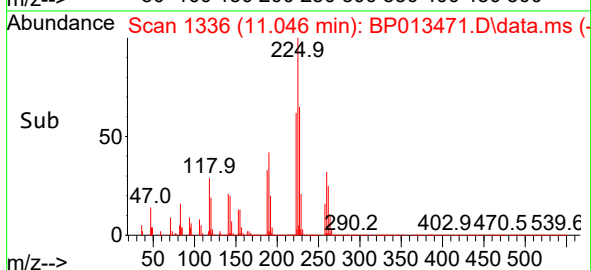
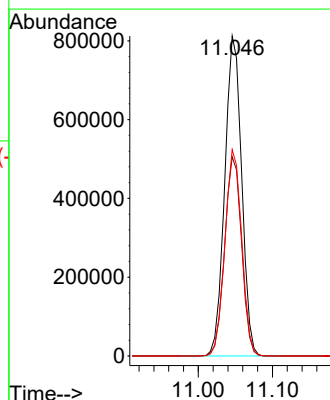
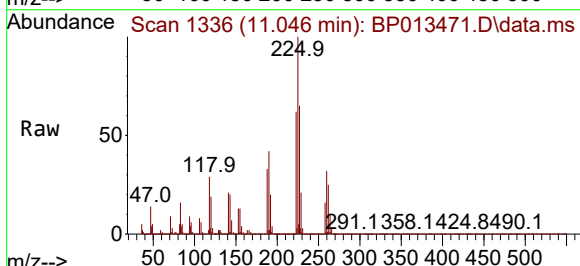
Tgt Ion:225 Resp: 1284609

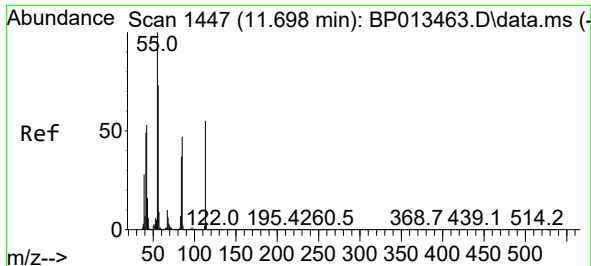
Ion Ratio Lower Upper

225 100

223 62.2 50.0 75.0

227 64.5 51.0 76.6

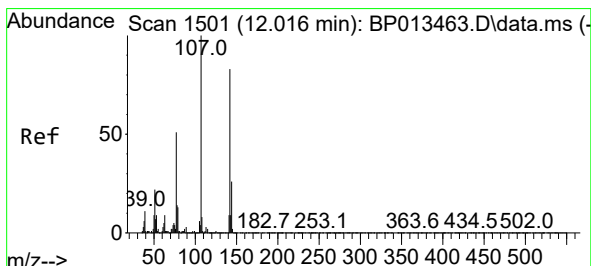
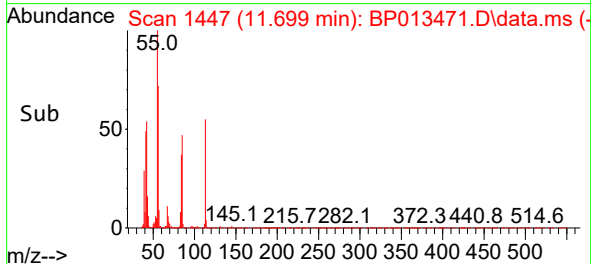
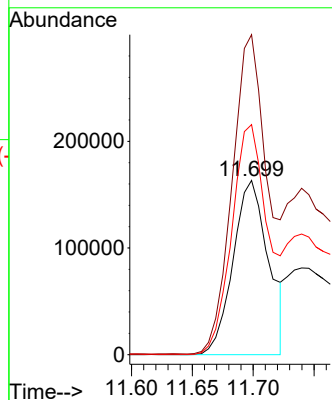
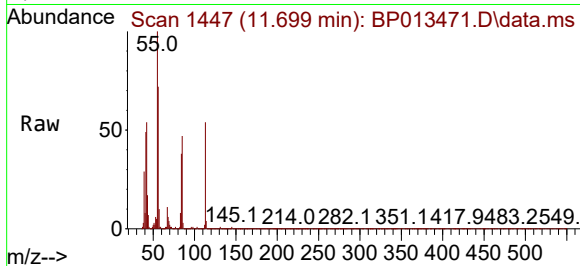




#35
Caprolactam
Concen: 19.729 ng
RT: 11.699 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

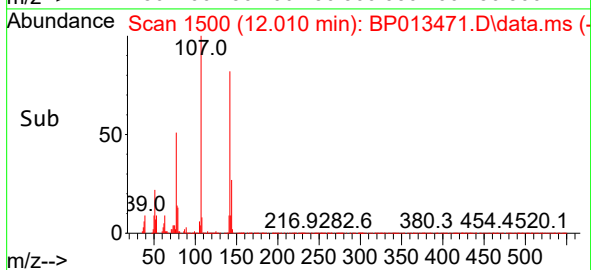
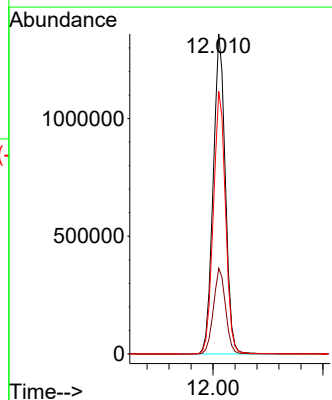
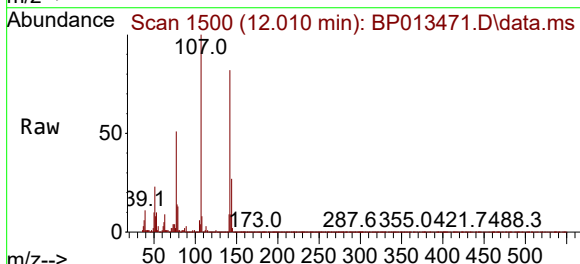
Instrument :
BNA_P
ClientSampleId :
PB150110BS

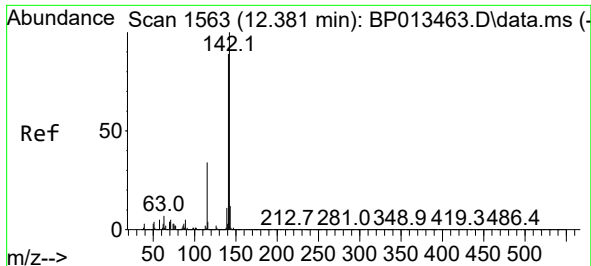
Tgt Ion:113 Resp: 330778
Ion Ratio Lower Upper
113 100
55 183.7 163.1 203.1
56 132.1 113.0 153.0



#36
4-Chloro-3-methylphenol
Concen: 40.579 ng
RT: 12.010 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:107 Resp: 2080714
Ion Ratio Lower Upper
107 100
144 26.8 21.2 31.8
142 82.0 66.0 99.0

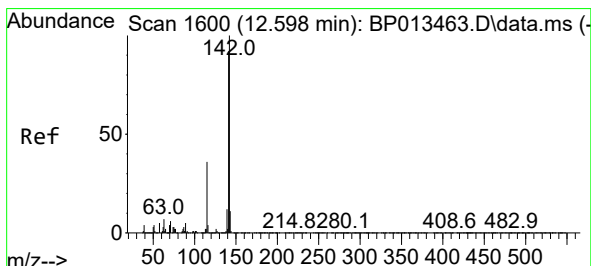
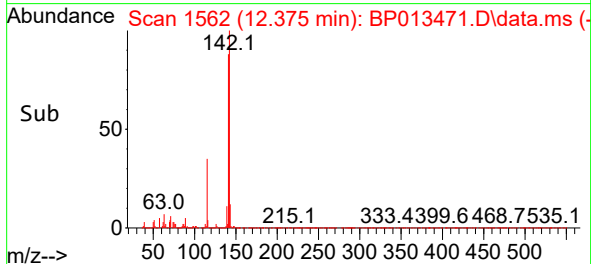
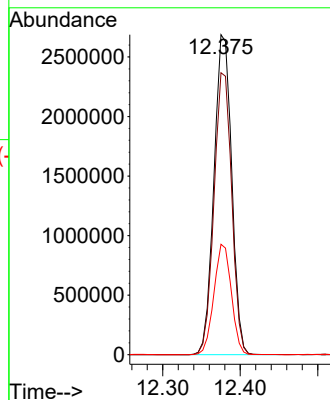
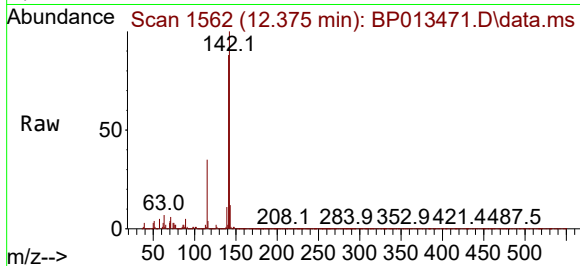




#37
2-Methylnaphthalene
Concen: 37.968 ng
RT: 12.375 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

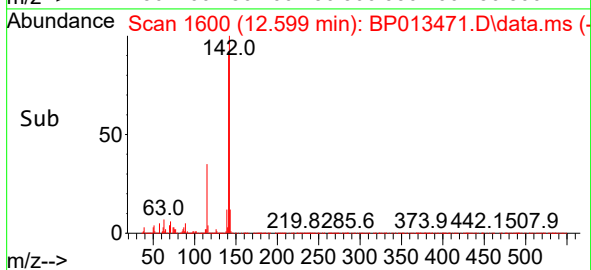
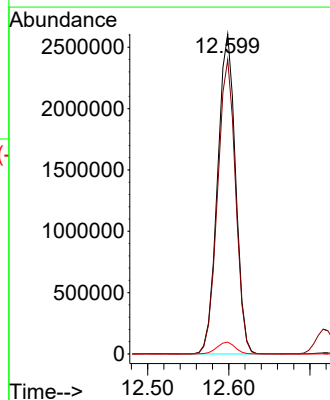
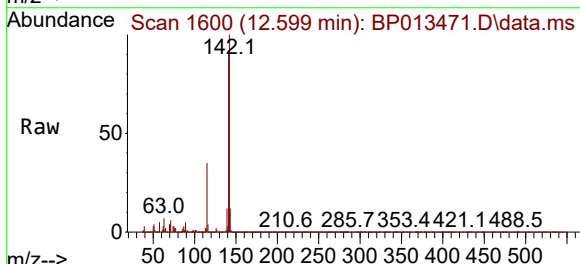
Instrument :
BNA_P
ClientSampleId :
PB150110BS

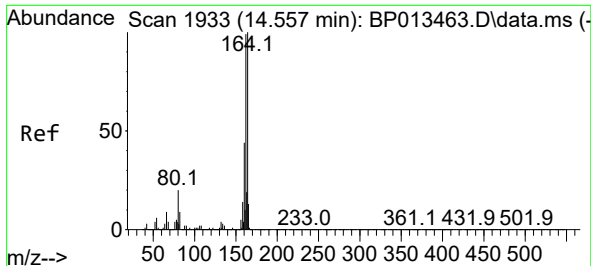
Tgt Ion:142 Resp: 4266088
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7
115 34.5 27.6 41.4



#38
1-Methylnaphthalene
Concen: 37.904 ng
RT: 12.599 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:142 Resp: 4017659
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9
116 3.7 2.9 4.3

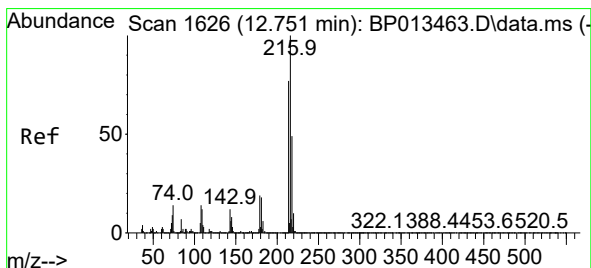
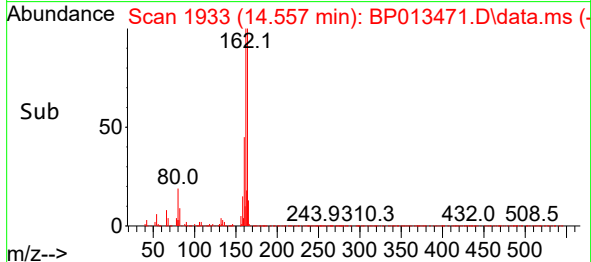
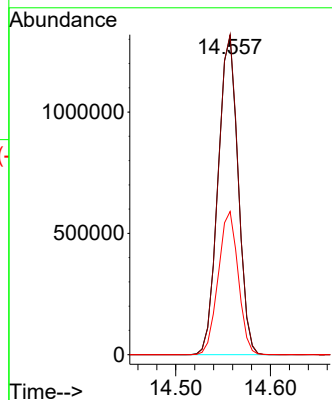
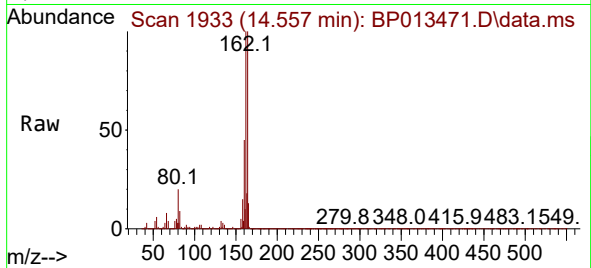




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

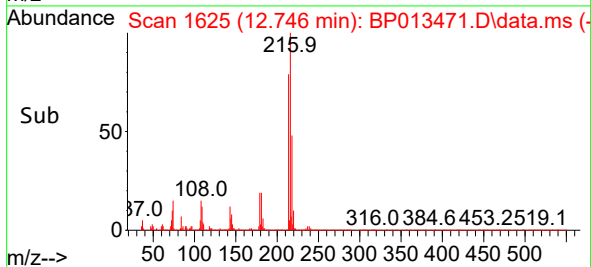
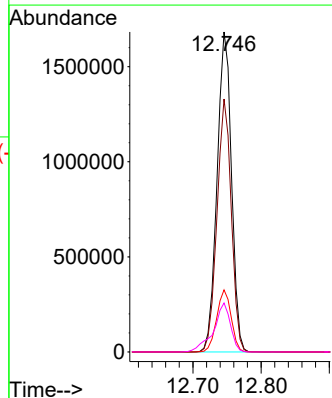
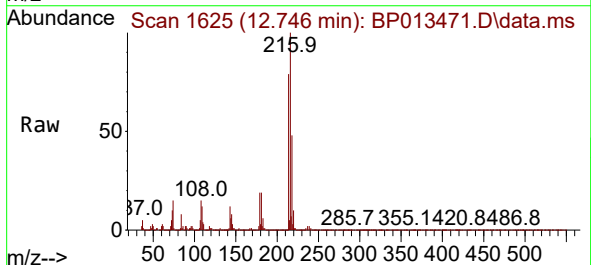
Instrument :
BNA_P
ClientSampleId :
PB150110BS

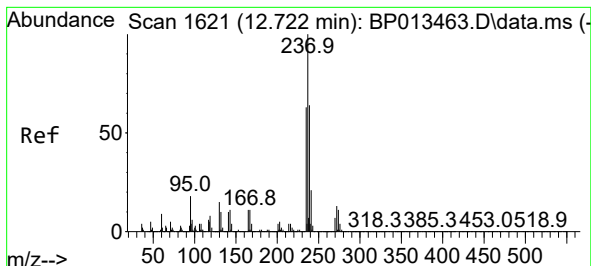
Tgt Ion:164 Resp: 1930532
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.106 ng
RT: 12.746 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:216 Resp: 2474534
Ion Ratio Lower Upper
216 100
214 78.4 62.1 93.1
179 19.5 15.6 23.4
108 18.0 13.0 19.6

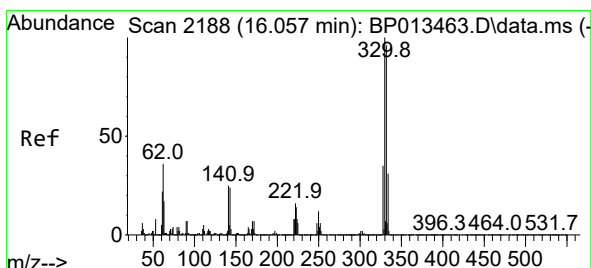
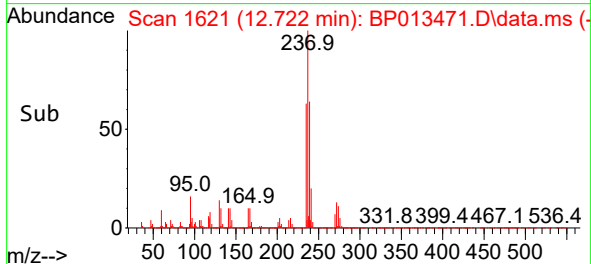
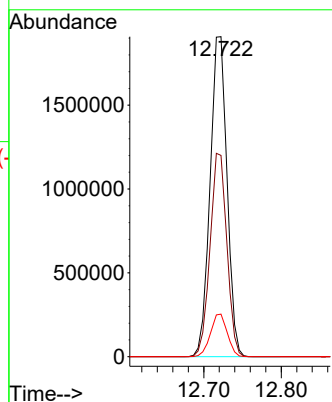
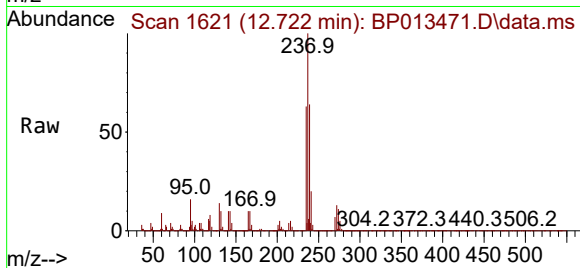




#41
Hexachlorocyclopentadiene
Concen: 87.709 ng
RT: 12.722 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

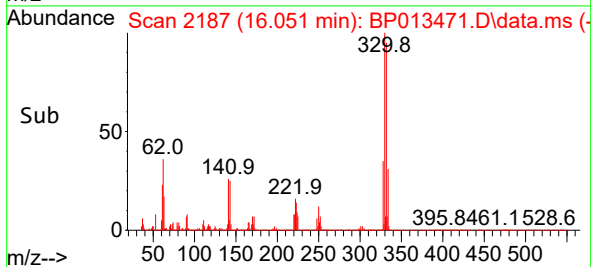
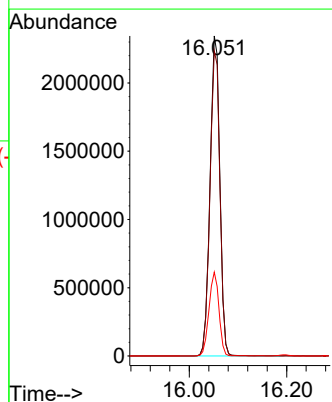
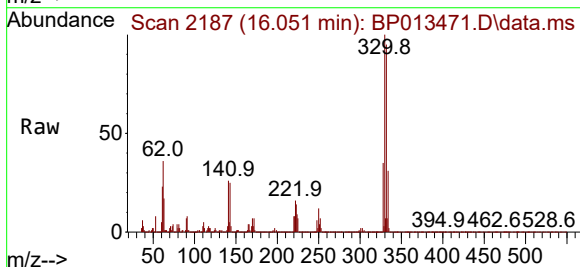
Instrument :
BNA_P
ClientSampleId :
PB150110BS

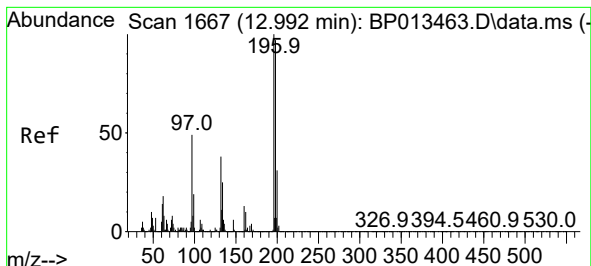
Tgt Ion:237 Resp: 2893862
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 107.835 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:330 Resp: 3249577
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 26.7 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 39.717 ng

RT: 12.987 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

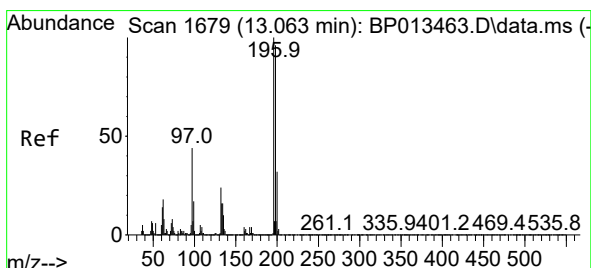
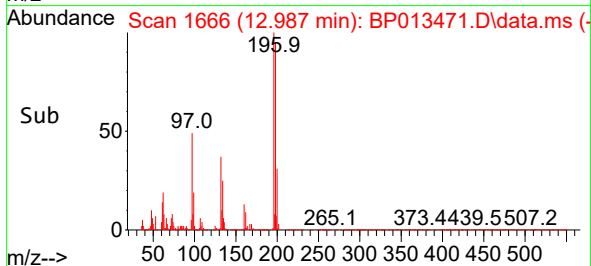
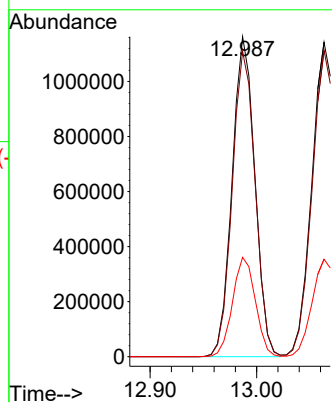
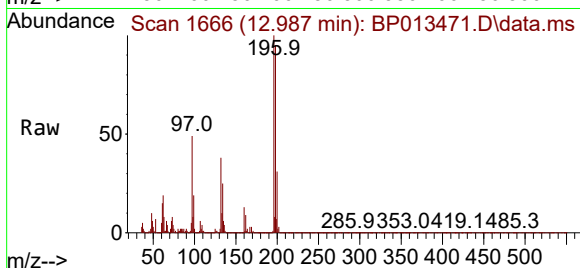
Tgt Ion:196 Resp: 1727980

Ion Ratio Lower Upper

196 100

198 95.4 77.4 116.0

200 31.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 36.750 ng

RT: 13.063 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Tgt Ion:196 Resp: 1876193

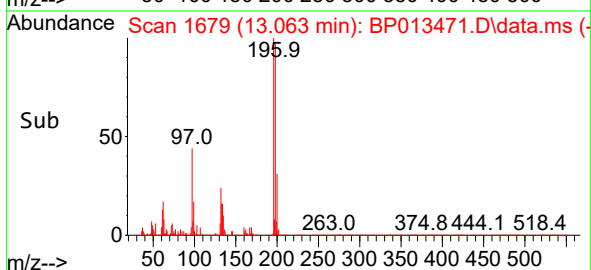
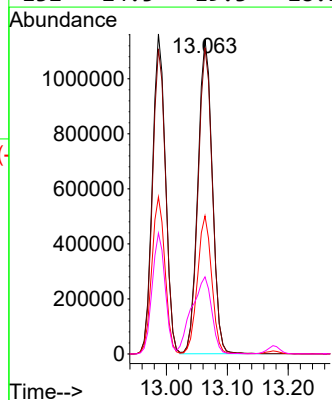
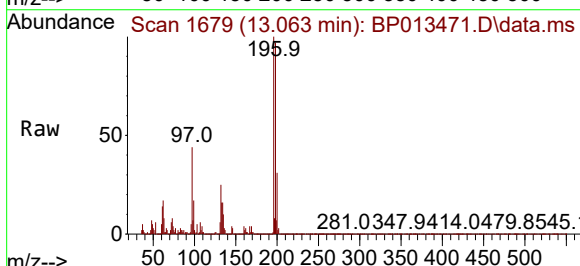
Ion Ratio Lower Upper

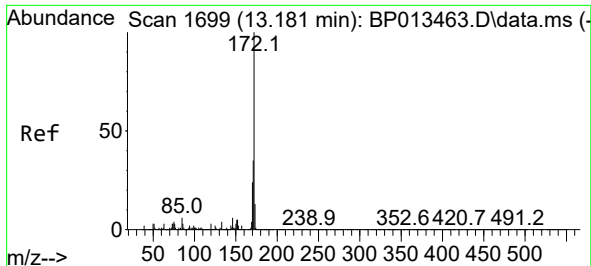
196 100

198 97.4 76.8 115.2

97 43.9 34.9 52.3

132 24.5 19.3 28.9

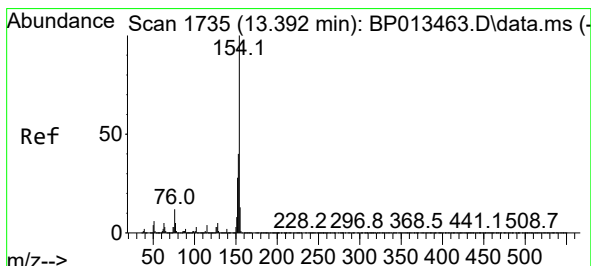
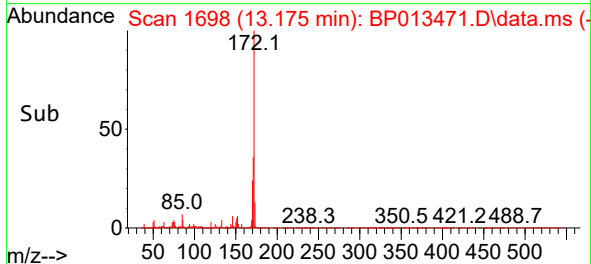
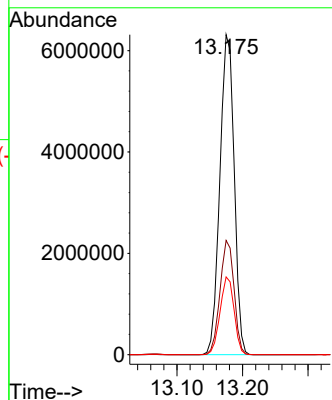
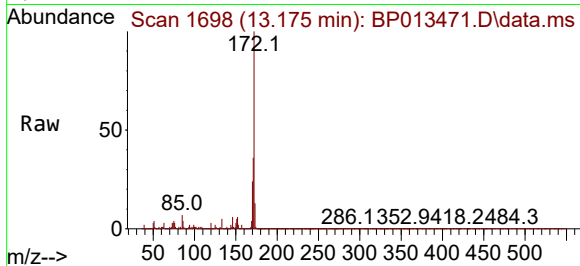




#45
2-Fluorobiphenyl
Concen: 72.163 ng
RT: 13.175 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

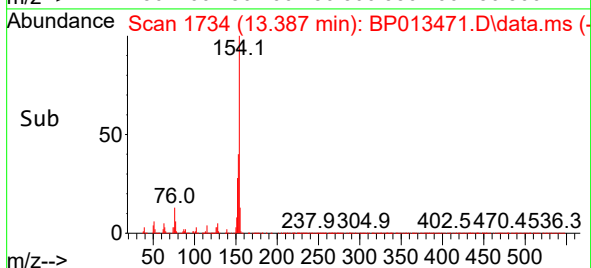
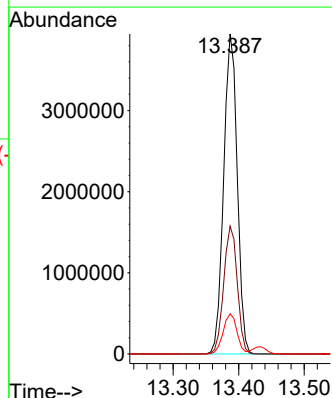
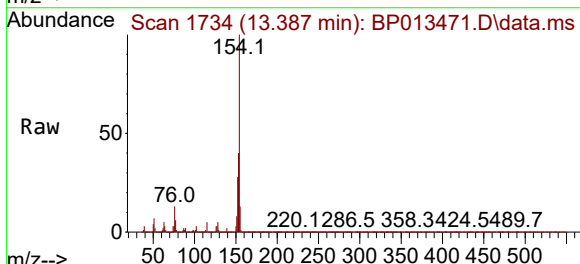
Instrument :
BNA_P
ClientSampleId :
PB150110BS

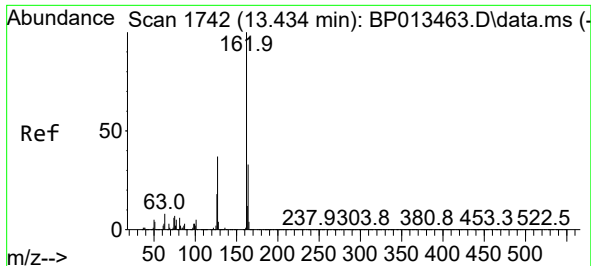
Tgt Ion:172 Resp: 9529961
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.530 ng
RT: 13.387 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:154 Resp: 5623748
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 12.5 0.0 32.5

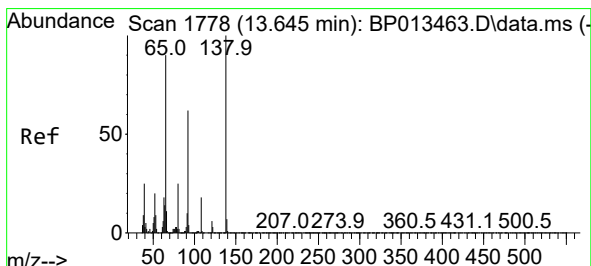
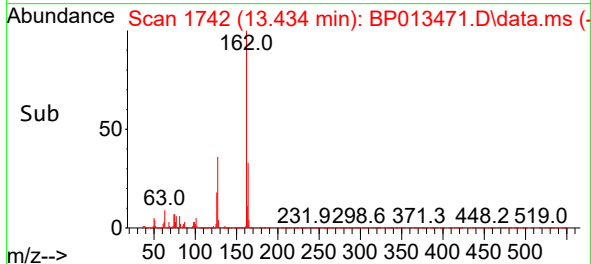
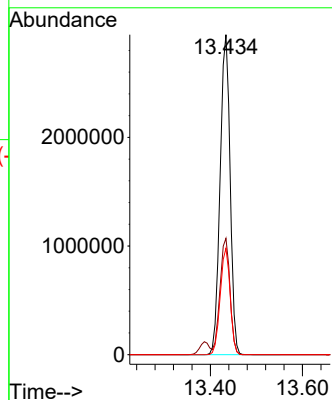
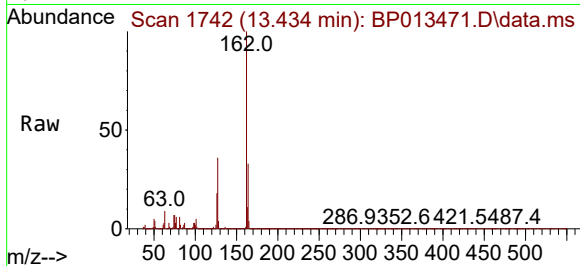




#47
2-Chloronaphthalene
Concen: 39.452 ng
RT: 13.434 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

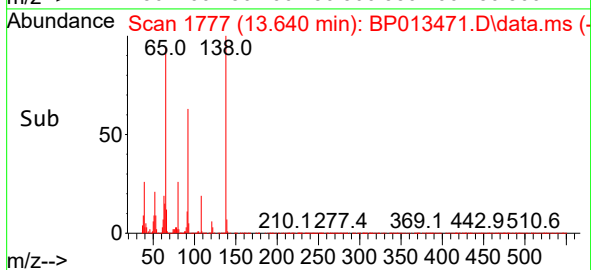
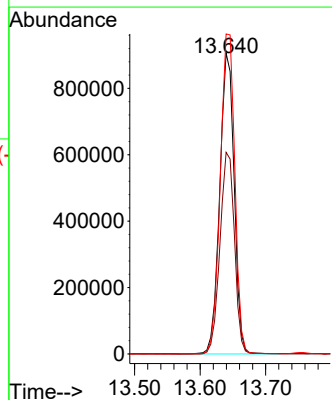
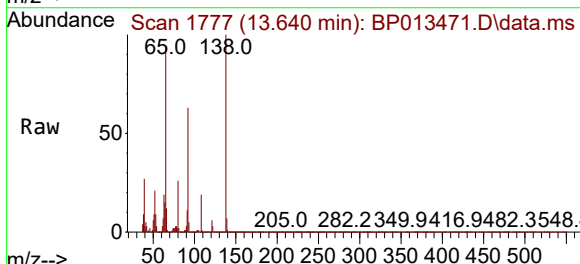
Instrument :
BNA_P
ClientSampleId :
PB150110BS

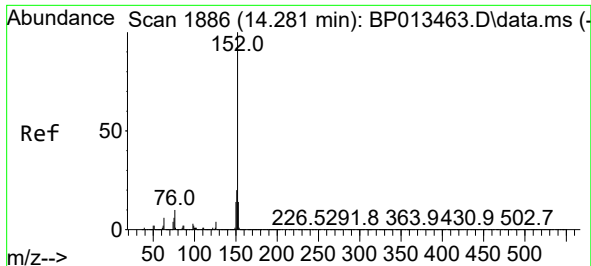
Tgt Ion:162 Resp: 4416457
Ion Ratio Lower Upper
162 100
127 36.4 29.8 44.8
164 33.3 26.4 39.6



#48
2-Nitroaniline
Concen: 37.357 ng
RT: 13.640 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion: 65 Resp: 1376509
Ion Ratio Lower Upper
65 100
92 67.0 55.1 82.7
138 106.4 88.5 132.7

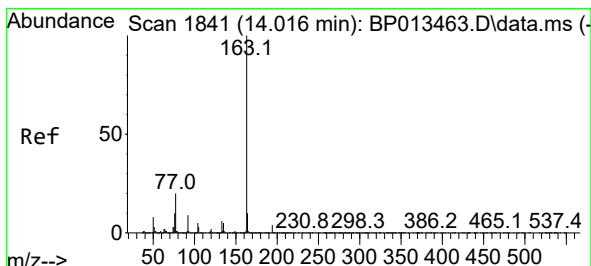
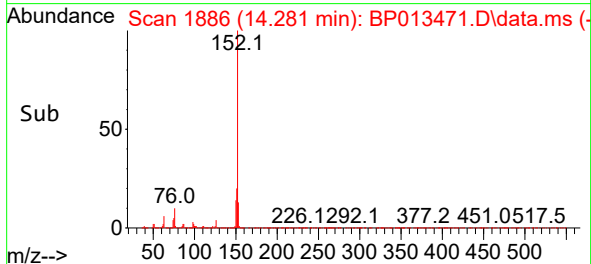
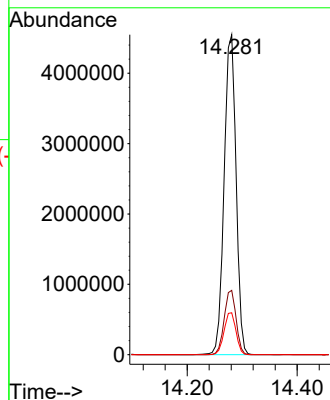
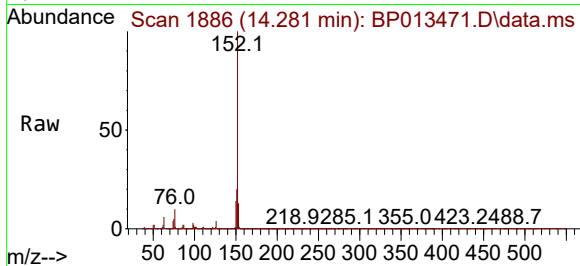




#49
Acenaphthylene
Concen: 36.972 ng
RT: 14.281 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

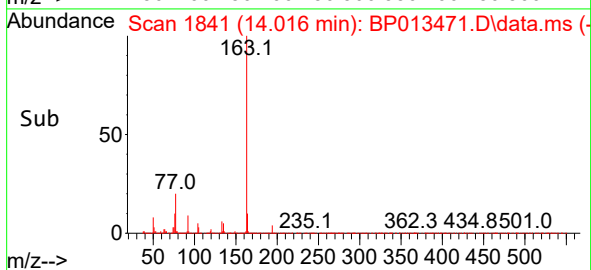
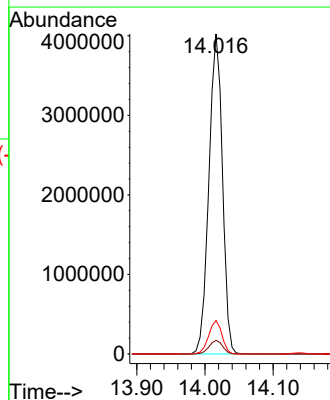
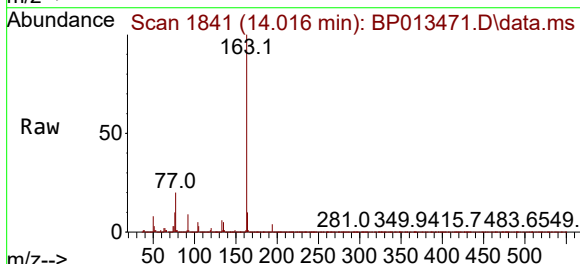
Instrument :
BNA_P
ClientSampleId :
PB150110BS

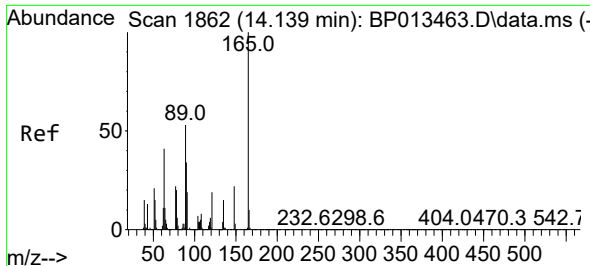
Tgt Ion:152 Resp: 6825150
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.9 16.3



#50
Dimethylphthalate
Concen: 36.243 ng
RT: 14.016 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:163 Resp: 5548270
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.3 12.5

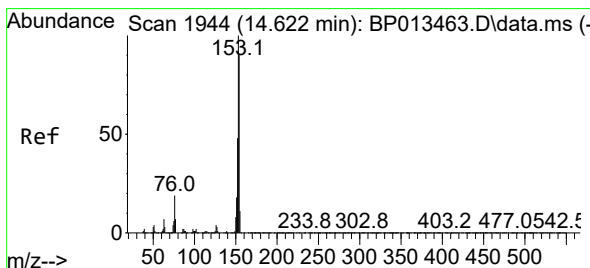
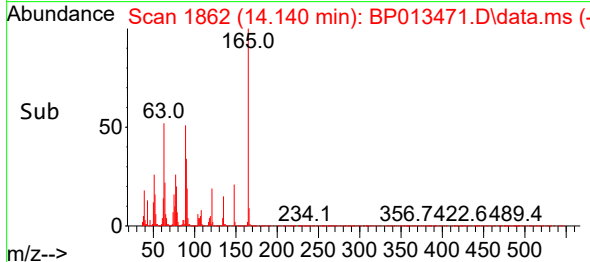
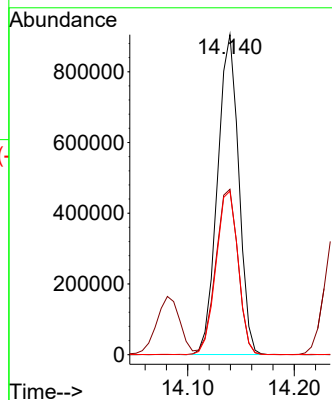
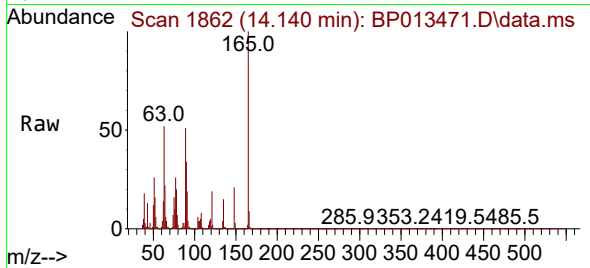




#51
2,6-Dinitrotoluene
Concen: 37.440 ng
RT: 14.140 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

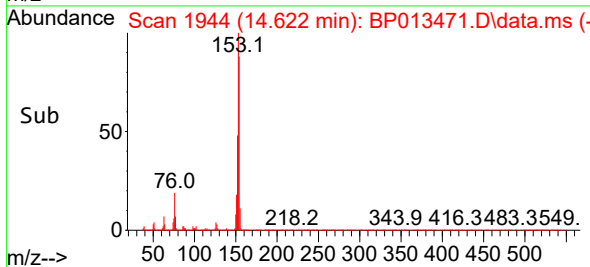
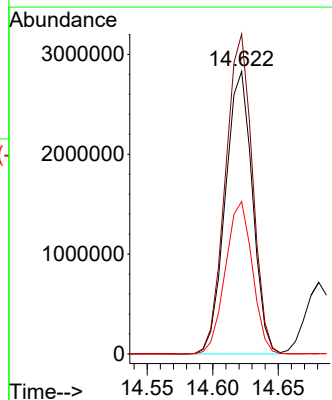
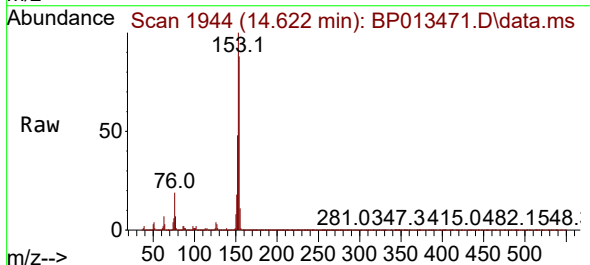
Instrument :
BNA_P
ClientSampleId :
PB150110BS

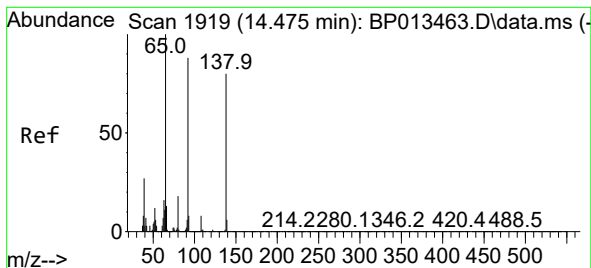
Tgt Ion:165 Resp: 1250265
Ion Ratio Lower Upper
165 100
63 51.7 42.8 64.2
89 51.1 42.5 63.7



#52
Acenaphthene
Concen: 37.220 ng
RT: 14.622 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:154 Resp: 4066832
Ion Ratio Lower Upper
154 100
153 113.2 89.2 133.8
152 53.9 42.8 64.2

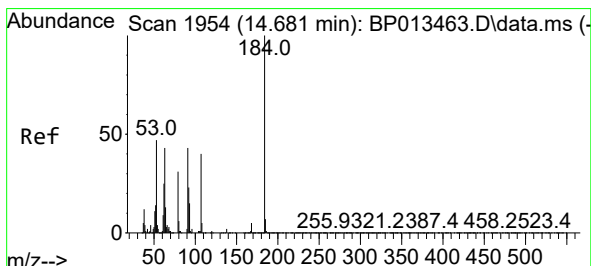
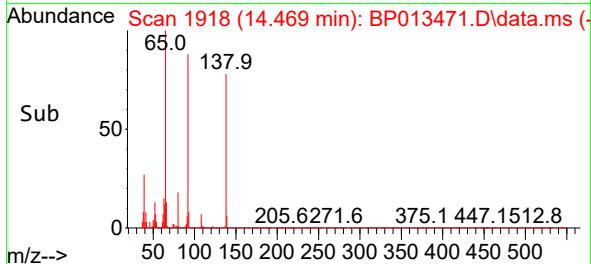
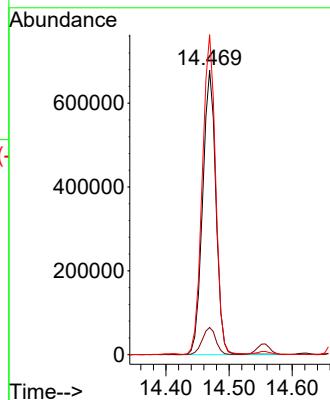
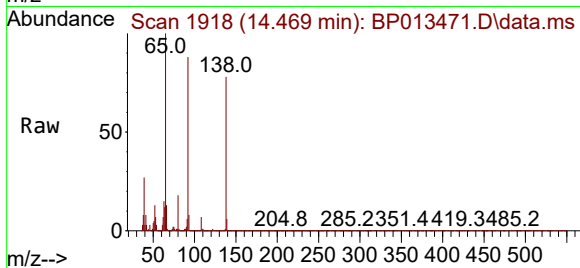




#53
3-Nitroaniline
Concen: 27.673 ng
RT: 14.469 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

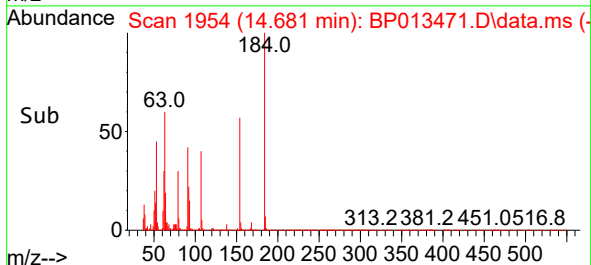
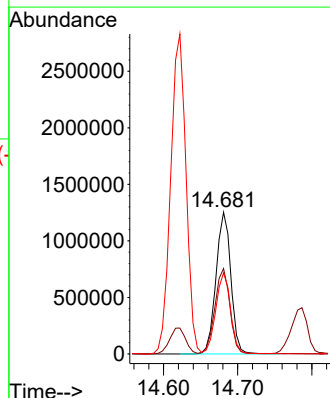
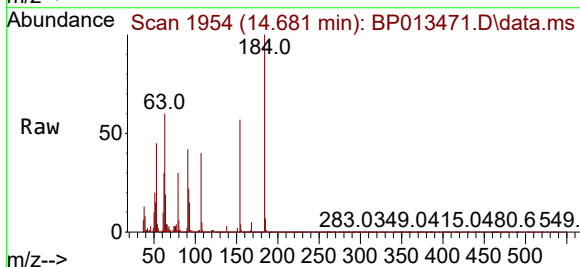
Instrument :
BNA_P
ClientSampleId :
PB150110BS

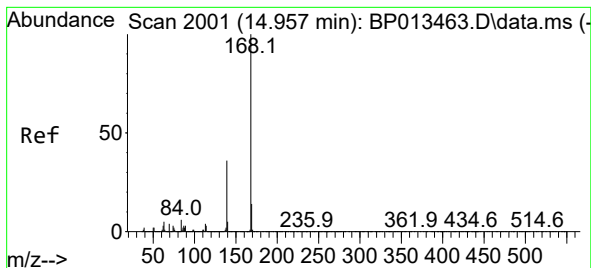
Tgt Ion:138 Resp: 988679
Ion Ratio Lower Upper
138 100
108 9.6 7.7 11.5
92 112.5 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 76.836 ng
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:184 Resp: 1743525
Ion Ratio Lower Upper
184 100
63 60.2 49.8 74.8
154 57.3 45.8 68.8





#55

Dibenzofuran

Concen: 36.579 ng

RT: 14.957 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

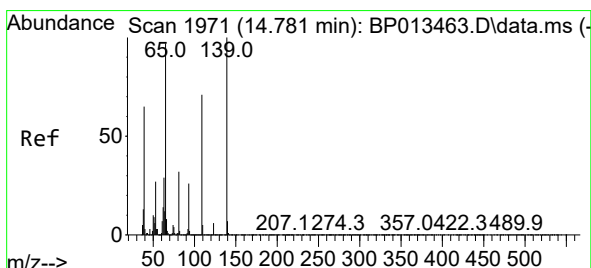
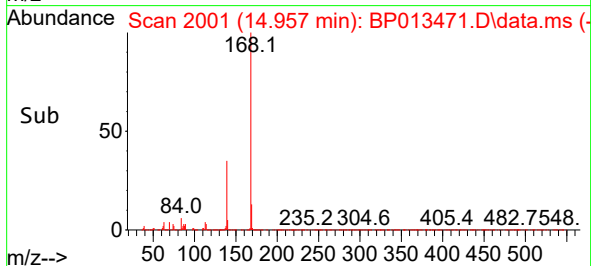
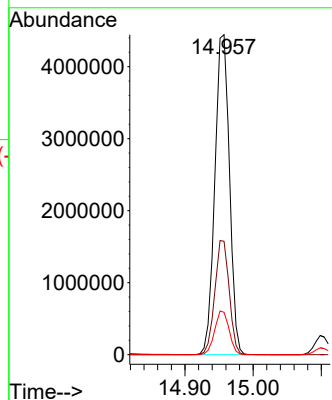
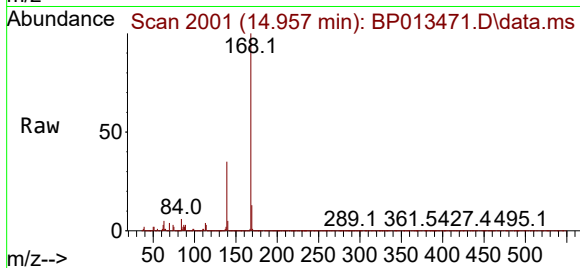
Tgt Ion:168 Resp: 6626621

Ion Ratio Lower Upper

168 100

139 35.5 28.6 43.0

169 13.3 11.0 16.6



#56

4-Nitrophenol

Concen: 75.086 ng

RT: 14.787 min Scan# 1972

Delta R.T. 0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

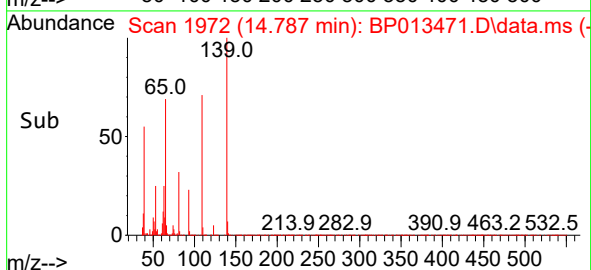
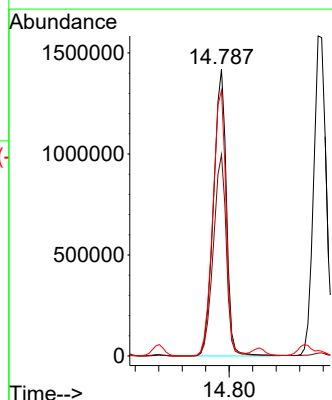
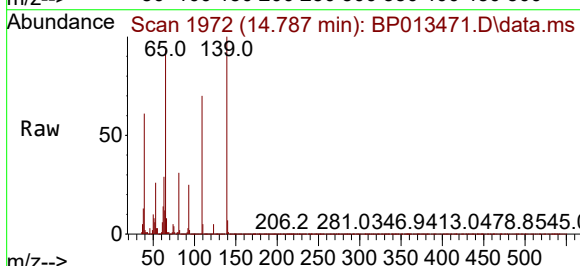
Tgt Ion:139 Resp: 2155440

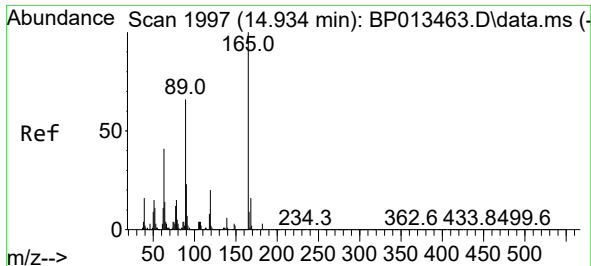
Ion Ratio Lower Upper

139 100

109 70.2 51.0 91.0

65 92.5 77.3 117.3





#57

2,4-Dinitrotoluene

Concen: 37.309 ng

RT: 14.928 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

Tgt Ion:165 Resp: 1703769

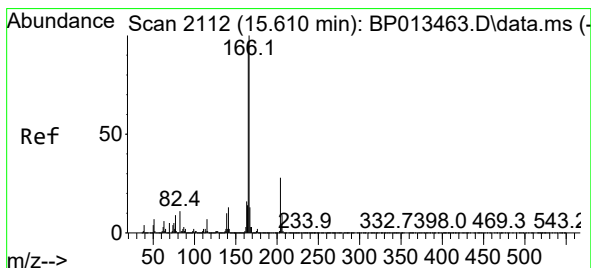
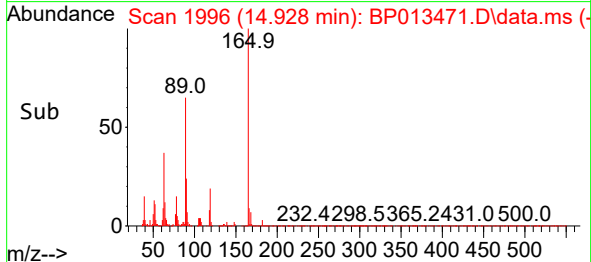
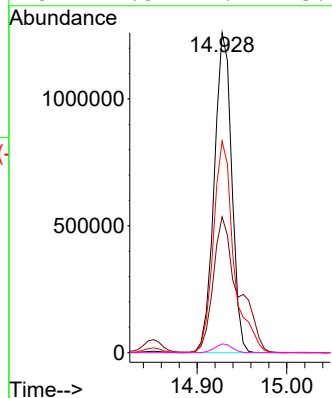
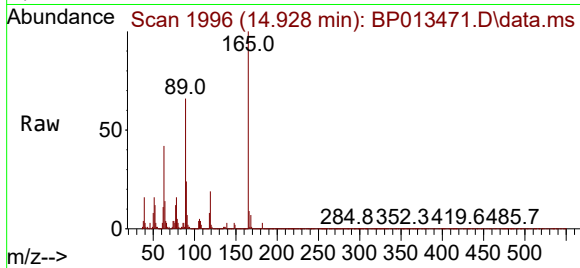
Ion Ratio Lower Upper

165 100

63 42.4 33.3 49.9

89 66.1 52.6 78.8

182 2.8 2.2 3.2



#58

Fluorene

Concen: 36.456 ng

RT: 15.604 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

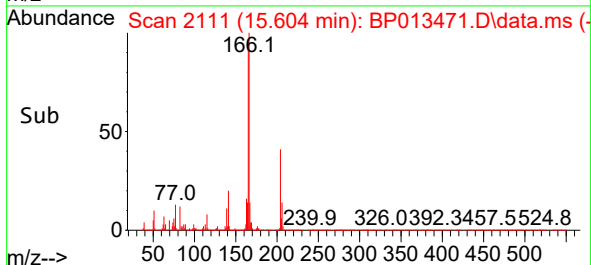
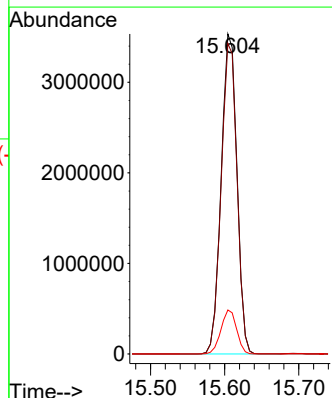
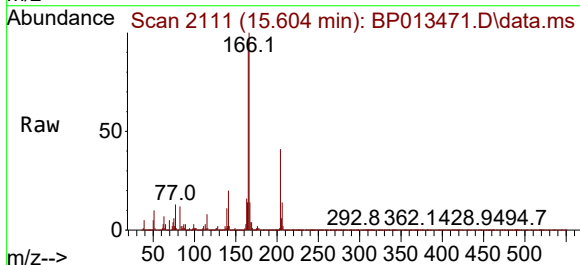
Tgt Ion:166 Resp: 5211795

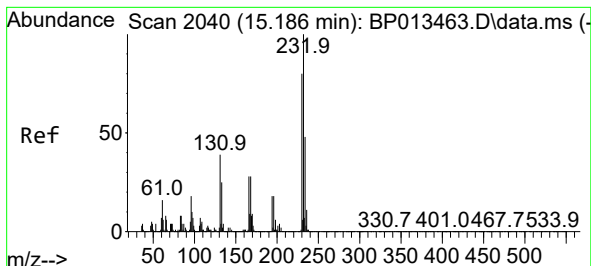
Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

167 13.8 10.7 16.1

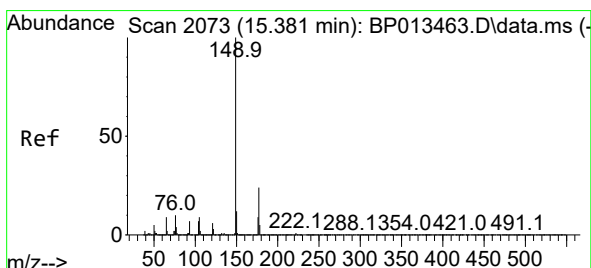
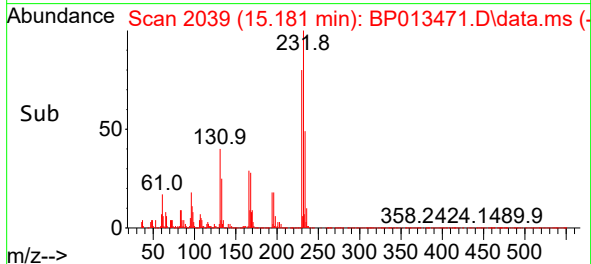
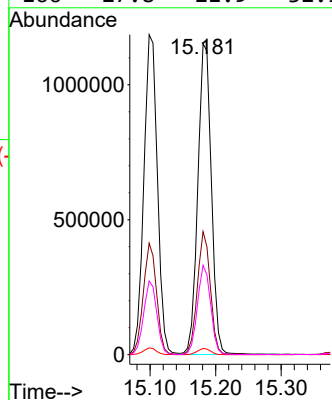
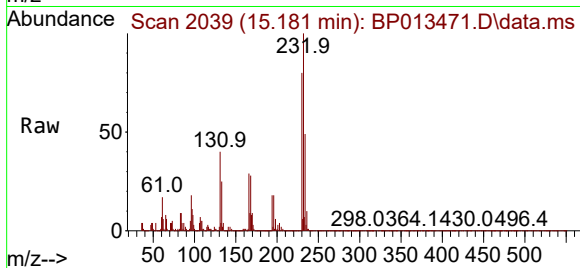




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.594 ng
RT: 15.181 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

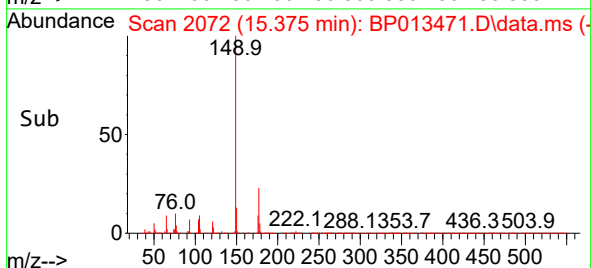
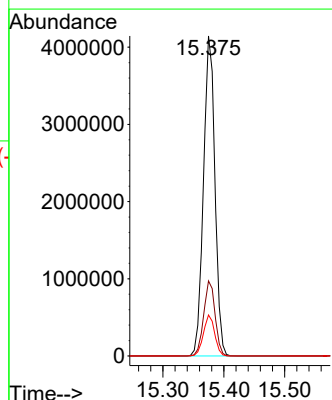
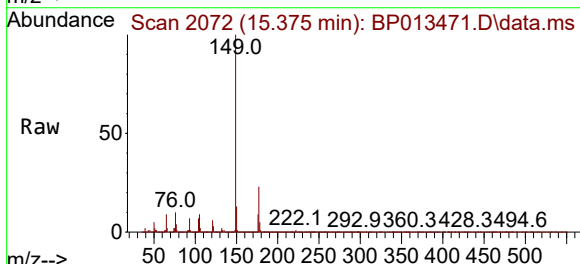
Instrument :
BNA_P
ClientSampleId :
PB150110BS

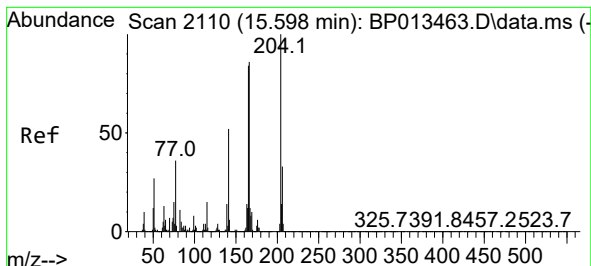
Tgt Ion:232 Resp: 1659617
Ion Ratio Lower Upper
232 100
131 37.6 30.3 45.5
130 2.0 1.7 2.5
166 27.8 21.9 32.9



#60
Diethylphthalate
Concen: 36.022 ng
RT: 15.375 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:149 Resp: 5396162
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.8 9.9 14.9

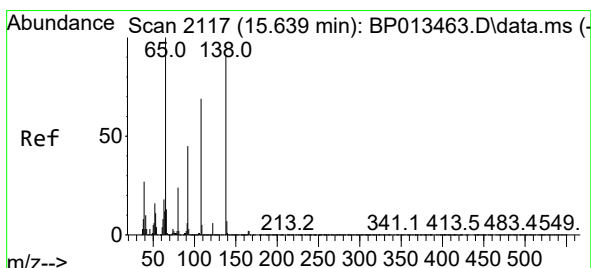
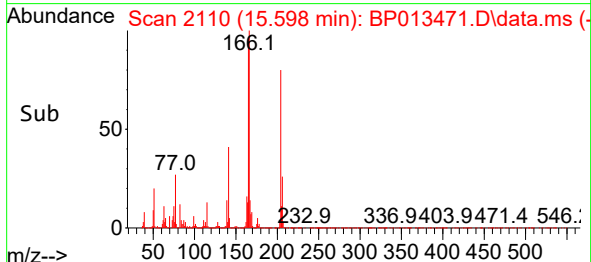
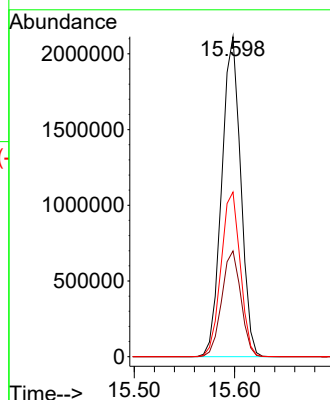
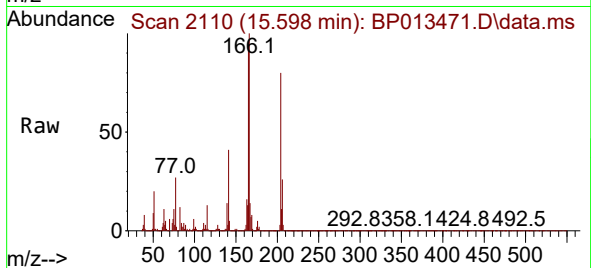




#61
4-Chlorophenyl-phenylether
Concen: 36.536 ng
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

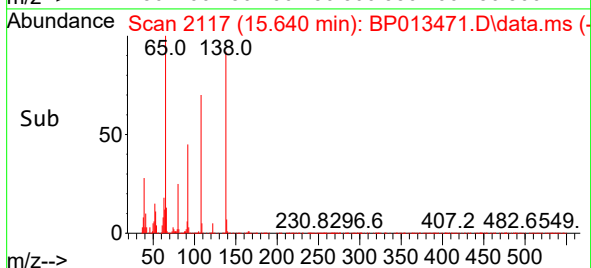
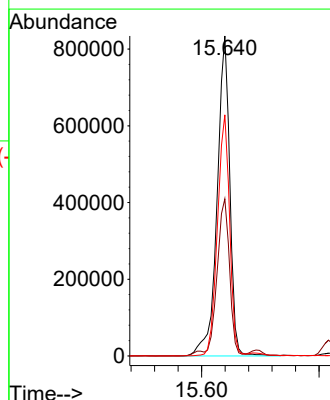
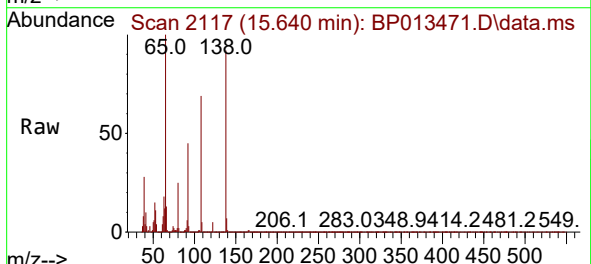
Instrument :
BNA_P
ClientSampleId :
PB150110BS

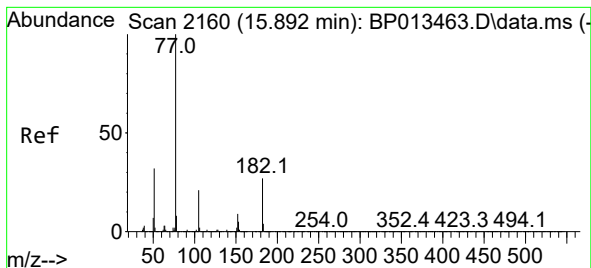
Tgt Ion:204 Resp: 2773871
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 51.4 41.3 61.9



#62
4-Nitroaniline
Concen: 34.245 ng
RT: 15.640 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:138 Resp: 1252635
Ion Ratio Lower Upper
138 100
92 49.1 29.7 69.7
108 75.4 55.8 95.8





#63

Azobenzene

Concen: 36.446 ng

RT: 15.893 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

Tgt Ion: 77 Resp: 5013039

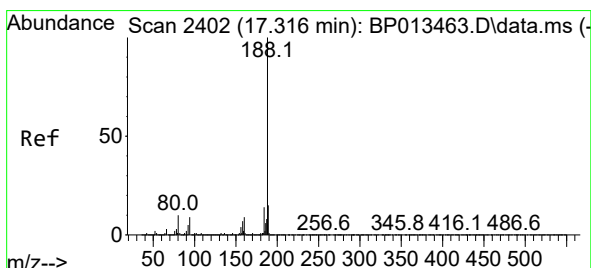
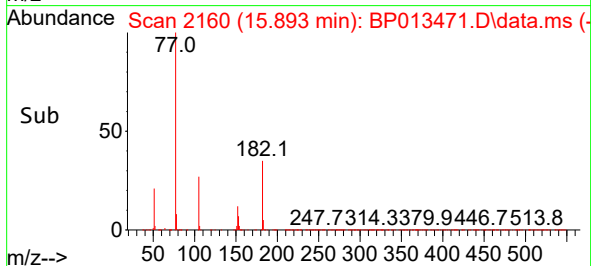
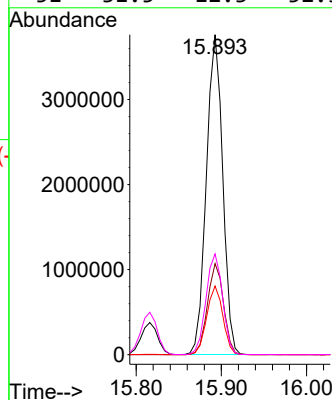
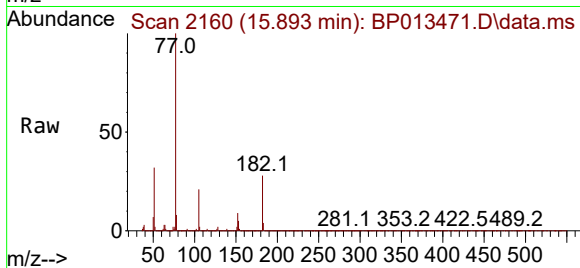
Ion Ratio Lower Upper

77 100

182 28.4 7.0 47.0

105 21.4 1.0 41.0

51 31.5 12.3 52.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

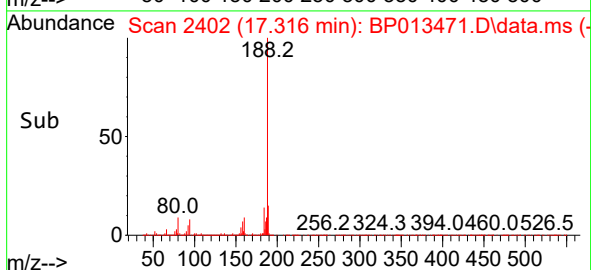
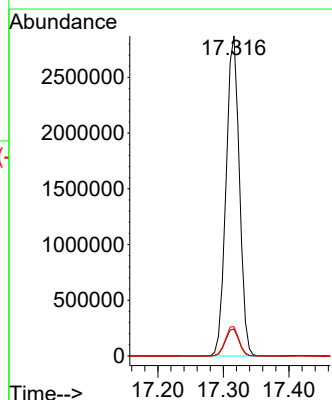
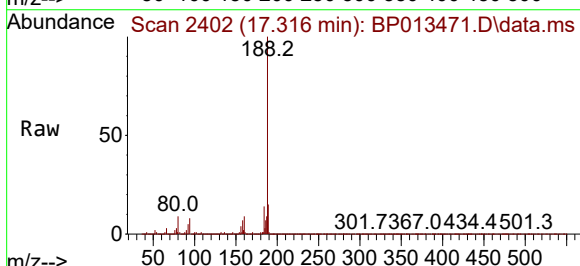
Tgt Ion:188 Resp: 4032156

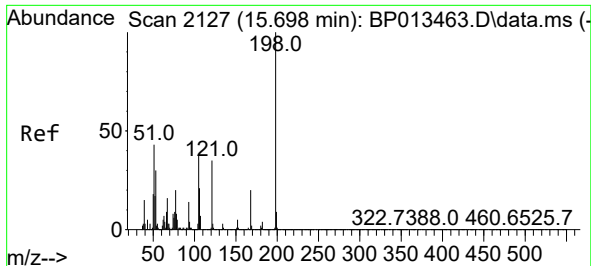
Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

80 9.2 7.9 11.9

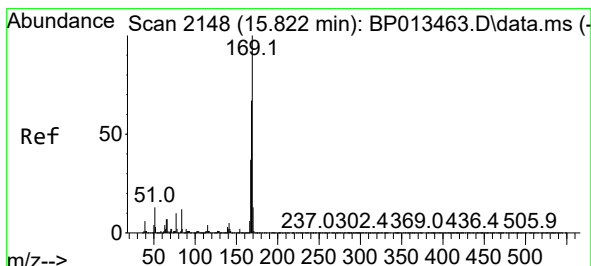
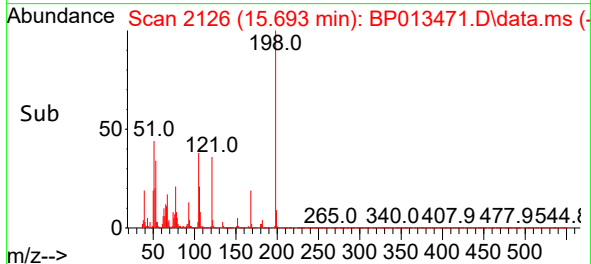
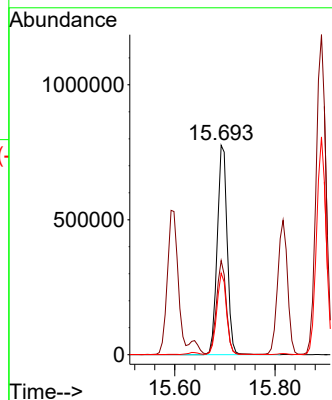
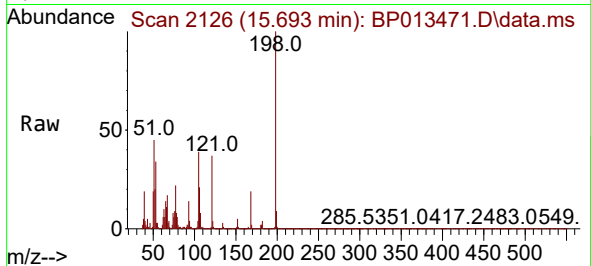




#65
4,6-Dinitro-2-methylphenol
Concen: 38.616 ng
RT: 15.693 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

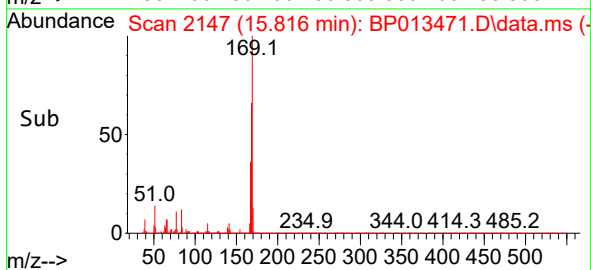
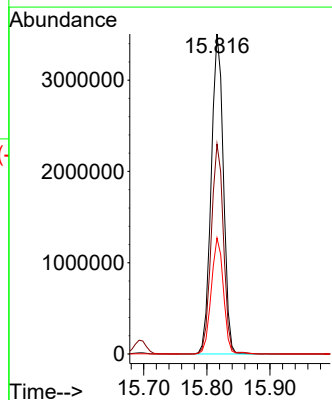
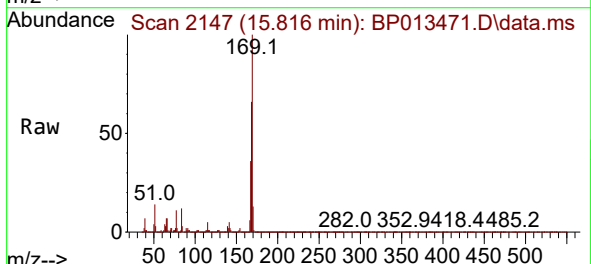
Instrument :
BNA_P
ClientSampleId :
PB150110BS

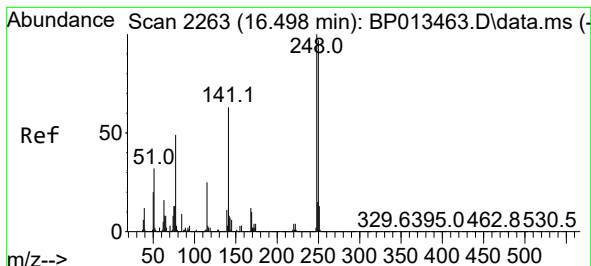
Tgt Ion:198 Resp: 1064846
Ion Ratio Lower Upper
198 100
51 44.9 23.6 63.6
105 39.0 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 39.599 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:169 Resp: 4691785
Ion Ratio Lower Upper
169 100
168 65.6 53.3 79.9
167 36.3 29.4 44.0

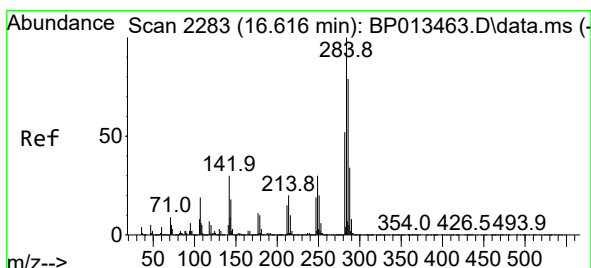
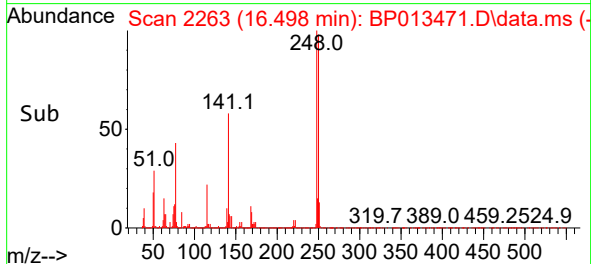
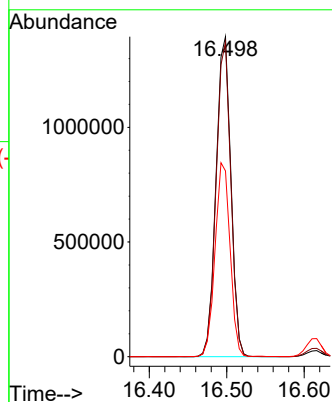
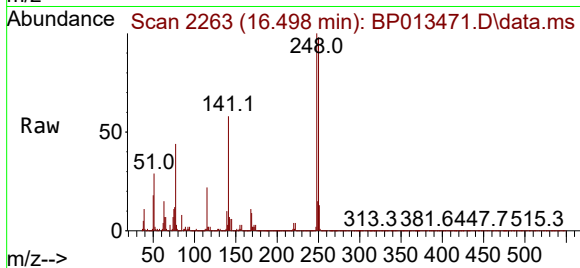




#67
4-Bromophenyl-phenylether
Concen: 40.021 ng
RT: 16.498 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

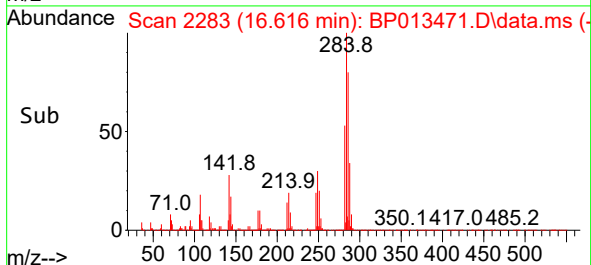
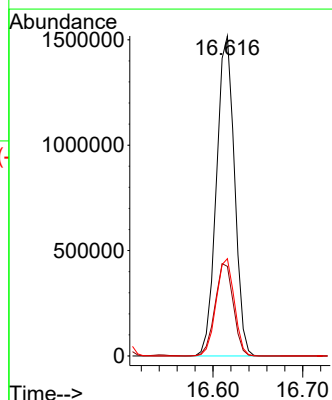
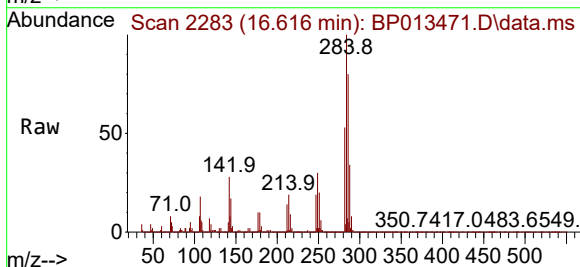
Instrument :
BNA_P
ClientSampleId :
PB150110BS

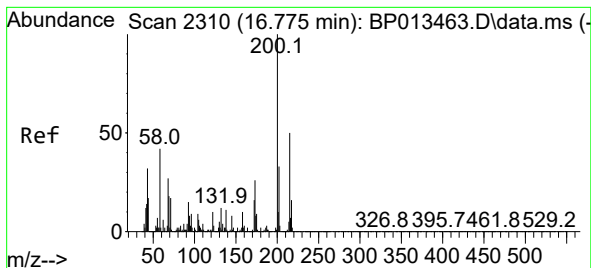
Tgt Ion:248 Resp: 1857653
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 58.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 41.880 ng
RT: 16.616 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:284 Resp: 2116907
Ion Ratio Lower Upper
284 100
142 28.0 23.9 35.9
249 30.4 24.1 36.1





#69

Atrazine

Concen: 33.247 ng

RT: 16.775 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

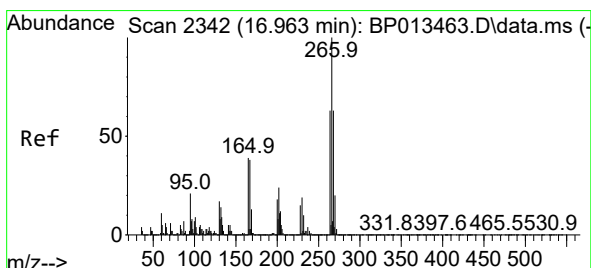
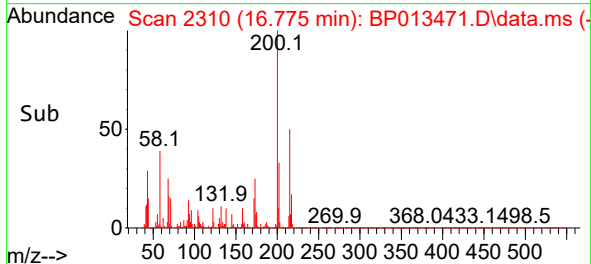
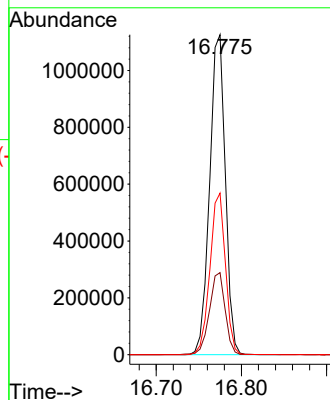
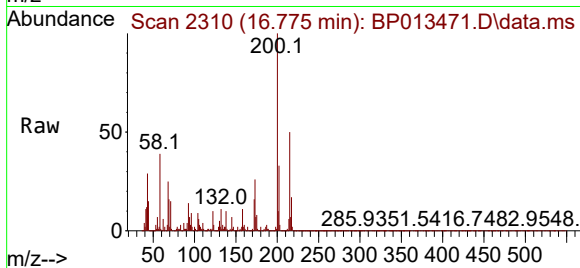
Tgt Ion:200 Resp: 1442739

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

215 50.5 30.0 70.0



#70

Pentachlorophenol

Concen: 72.628 ng

RT: 16.963 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

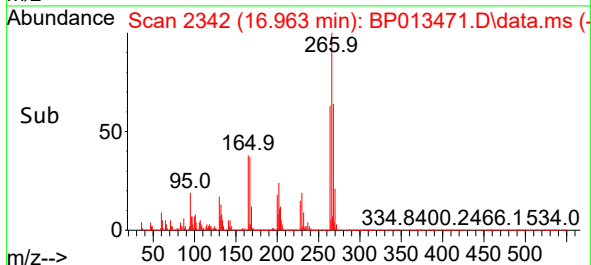
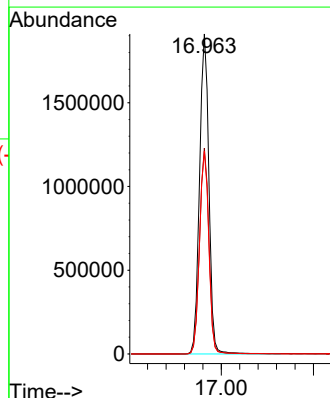
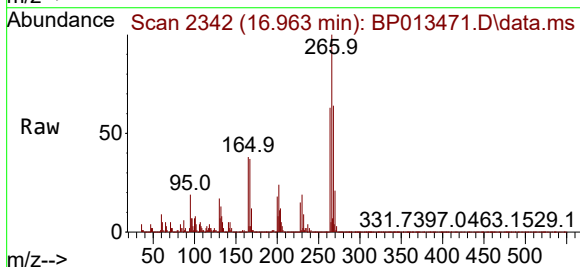
Tgt Ion:266 Resp: 2690597

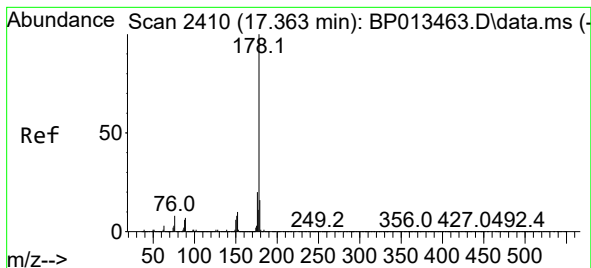
Ion Ratio Lower Upper

266 100

268 64.4 50.7 76.1

264 63.4 50.4 75.6





#71

Phenanthrene

Concen: 38.617 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

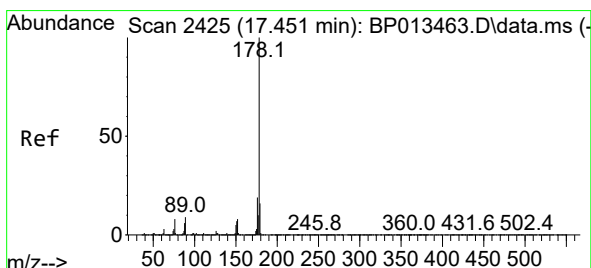
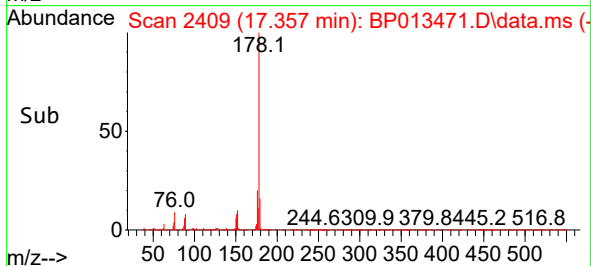
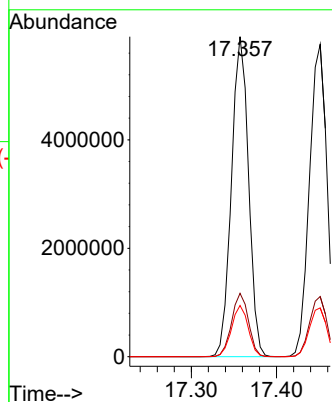
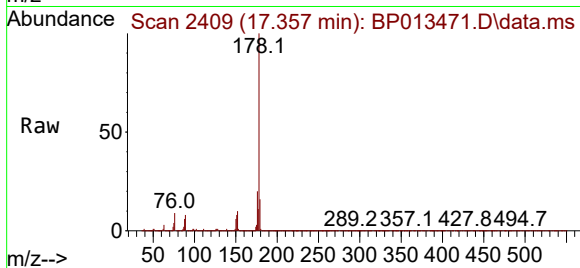
Tgt Ion:178 Resp: 8215711

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 16.0 12.6 19.0



#72

Anthracene

Concen: 37.982 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

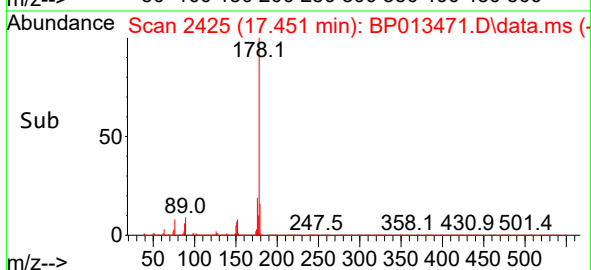
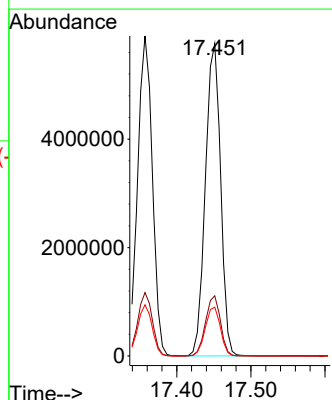
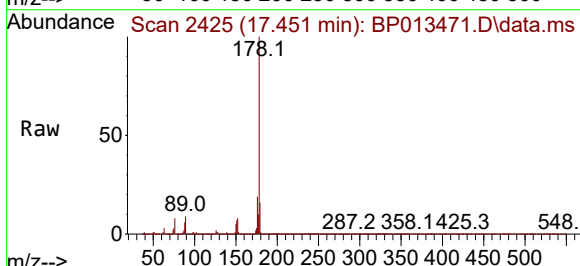
Tgt Ion:178 Resp: 8222577

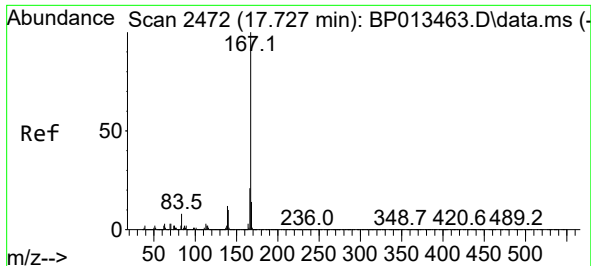
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.6 12.6 18.8

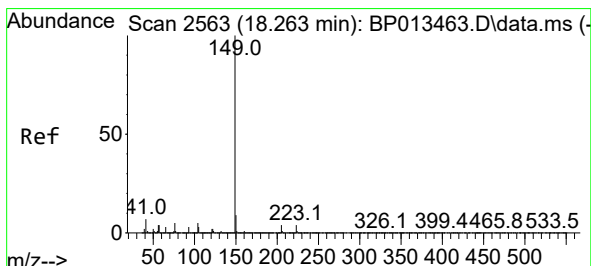
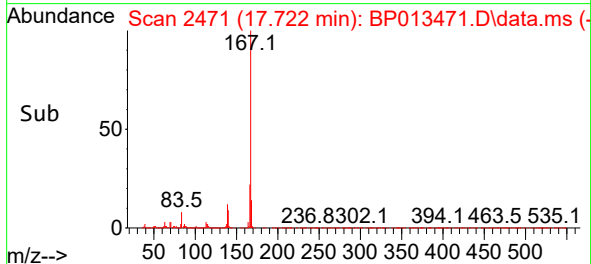
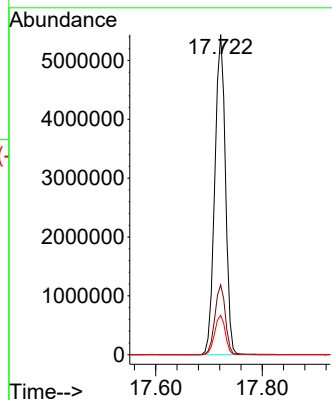
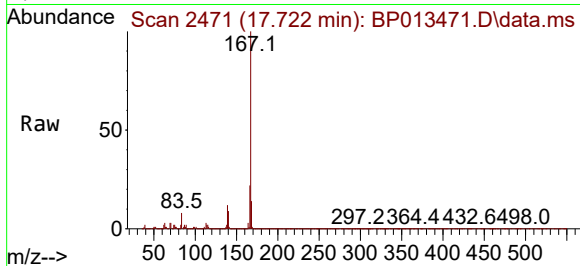




#73
 Carbazole
 Concen: 38.180 ng
 RT: 17.722 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

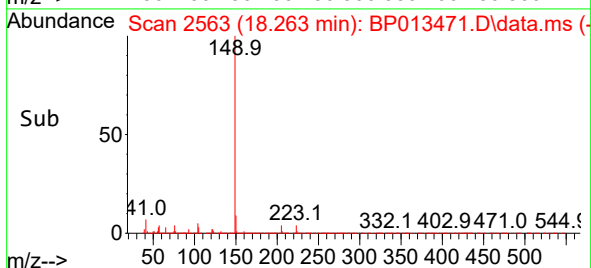
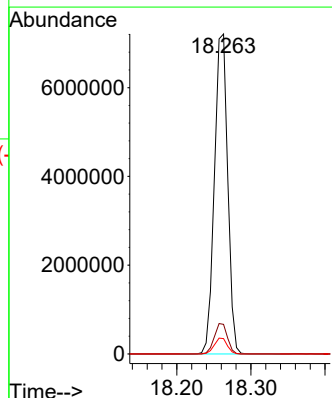
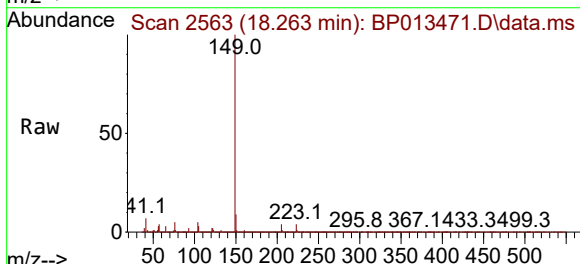
Instrument :
 BNA_P
 ClientSampleId :
 PB150110BS

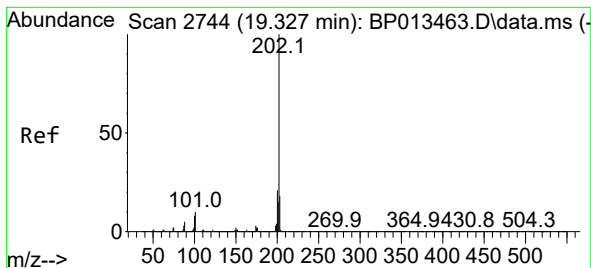
Tgt Ion:167 Resp: 7528056
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.3 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 39.124 ng
 RT: 18.263 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

Tgt Ion:149 Resp: 8954046
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 36.459 ng

RT: 19.322 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

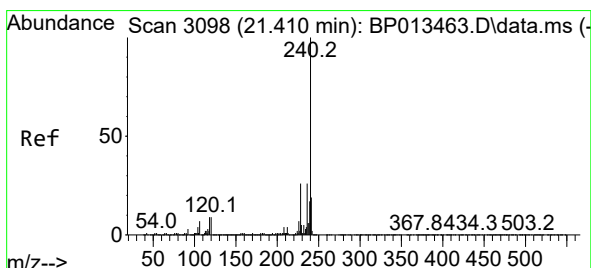
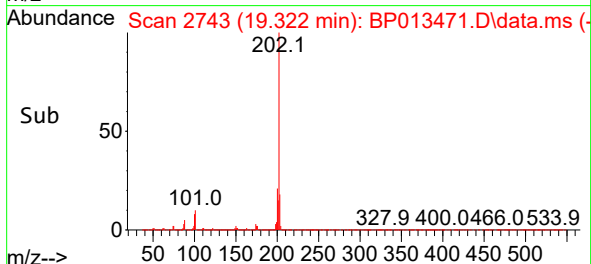
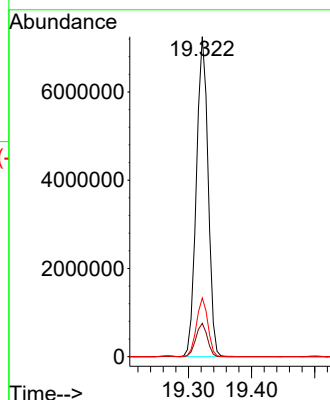
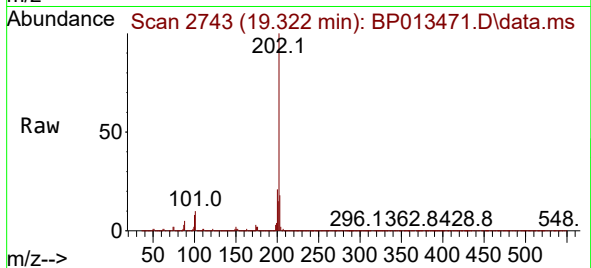
Tgt Ion:202 Resp: 9317141

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

203 18.4 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

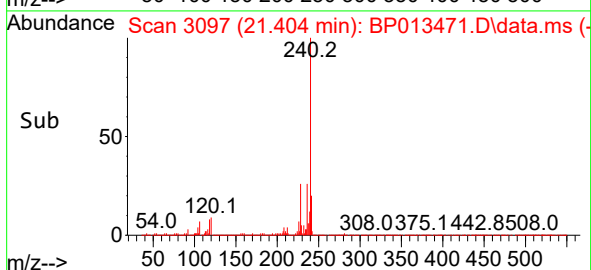
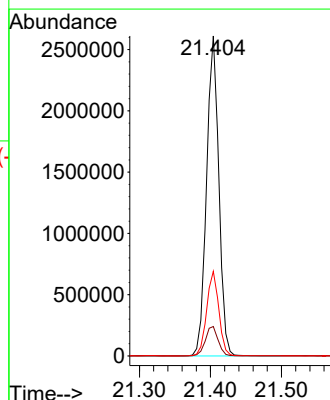
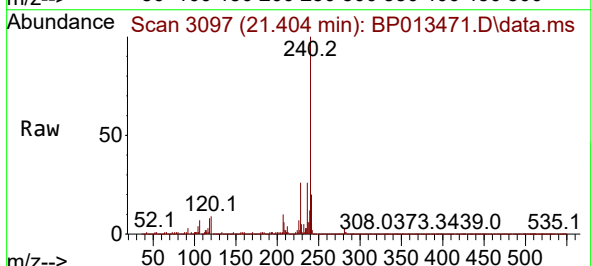
Tgt Ion:240 Resp: 3137541

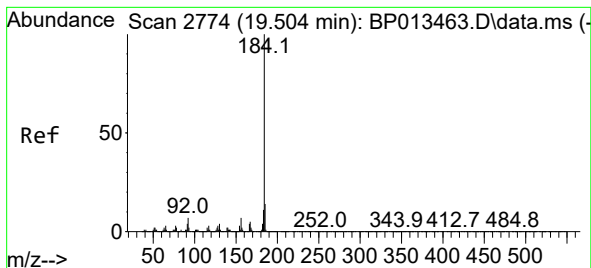
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.5 21.2 31.8





#77

Benzidine

Concen: 30.882 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

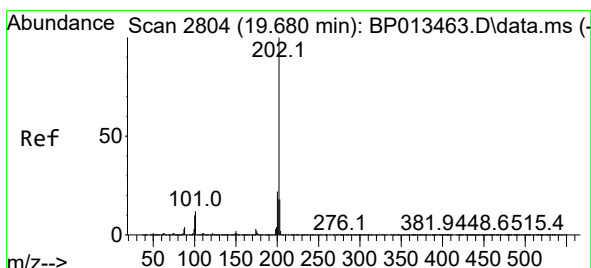
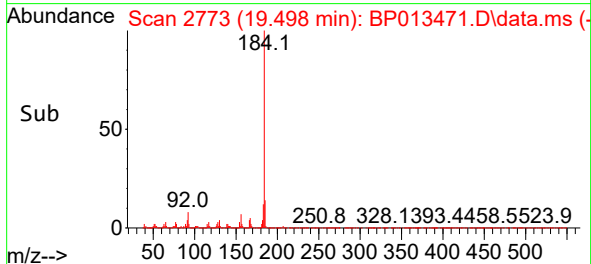
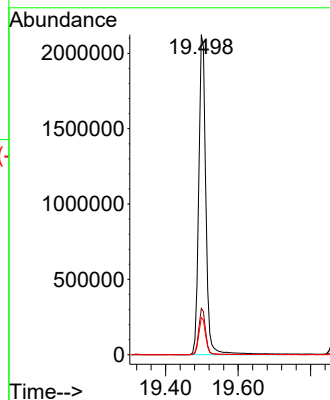
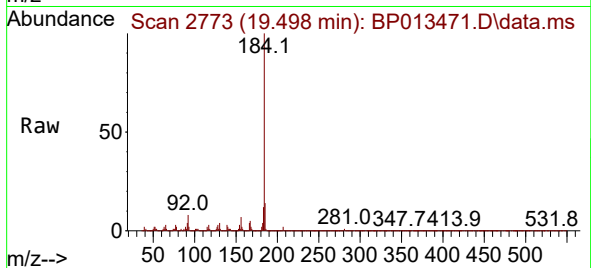
Tgt Ion:184 Resp: 2879099

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.6 9.1 13.7



#78

Pyrene

Concen: 45.945 ng

RT: 19.675 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

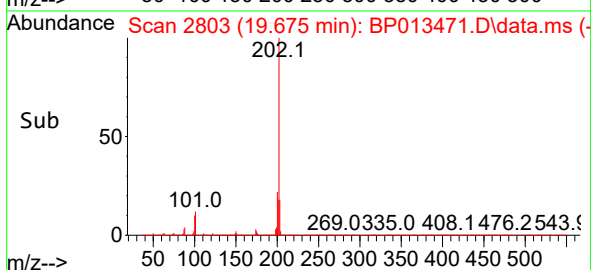
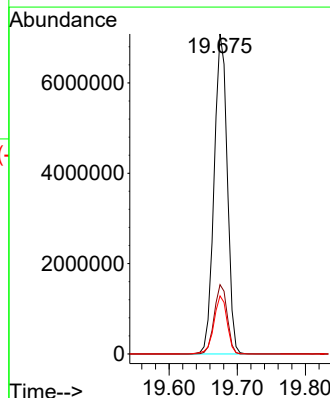
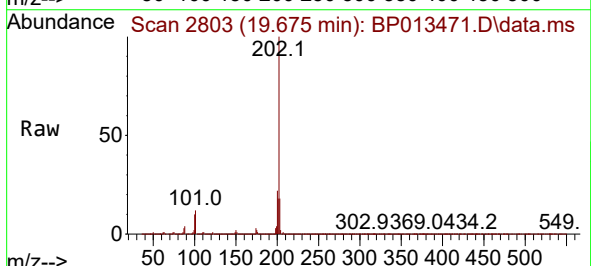
Tgt Ion:202 Resp: 9481247

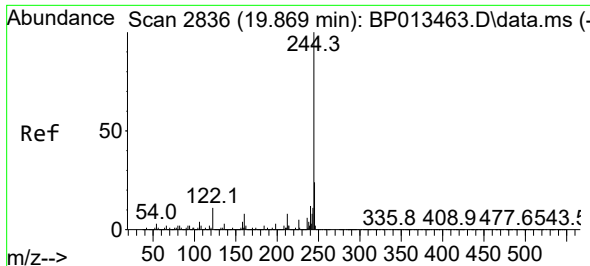
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 18.2 14.6 21.8

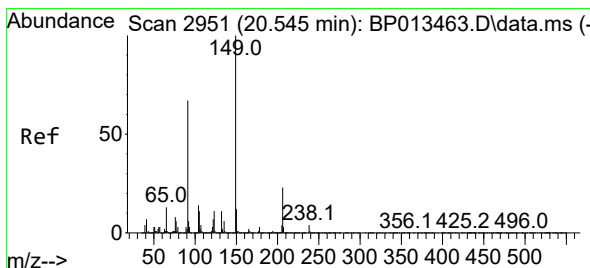
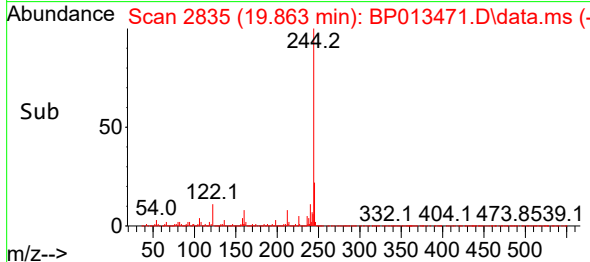
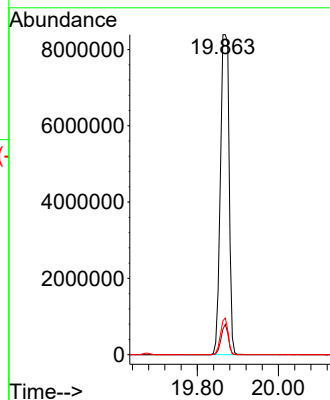
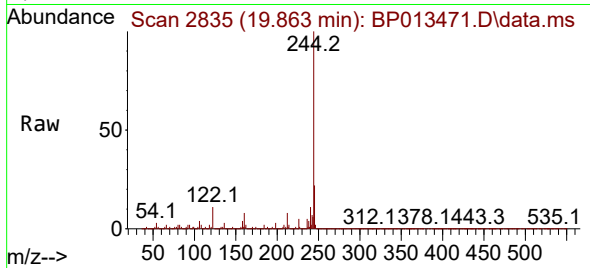




#79
 Terphenyl-d14
 Concen: 81.136 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

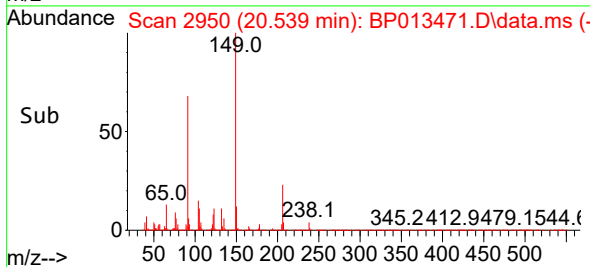
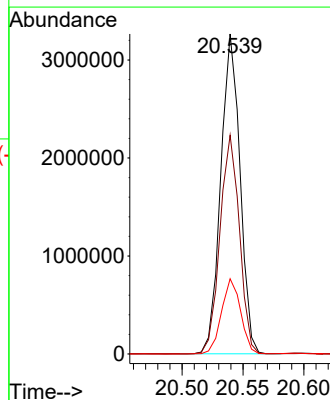
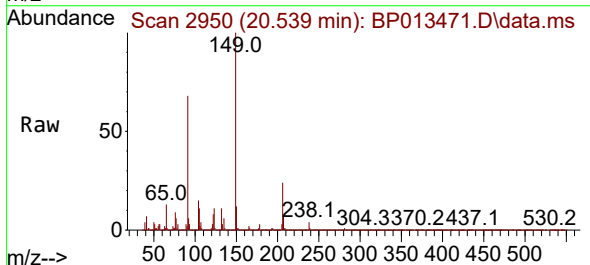
Instrument :
 BNA_P
 ClientSampleId :
 PB150110BS

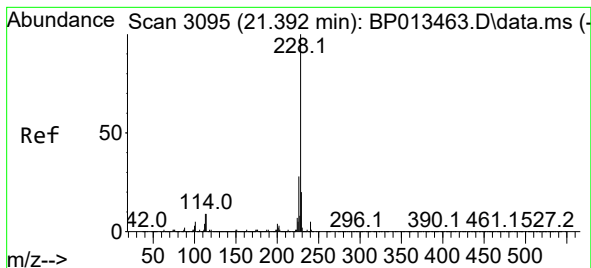
Tgt Ion:244 Resp:12451807
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.8 10.2
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 40.312 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BP013471.D
 Acq: 12 Jan 2023 22:34

Tgt Ion:149 Resp: 3595945
 Ion Ratio Lower Upper
 149 100
 91 68.4 53.2 79.8
 206 23.5 18.8 28.2





#81

Benzo(a)anthracene

Concen: 38.775 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

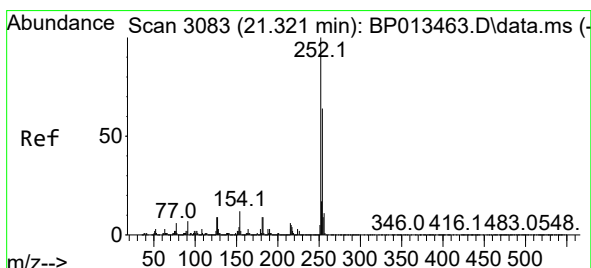
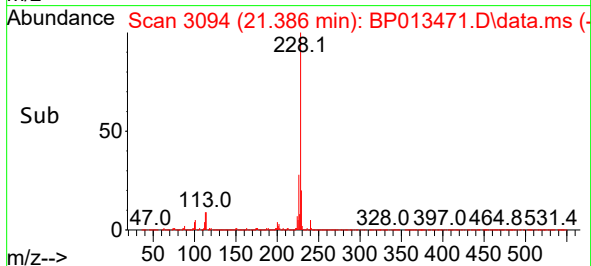
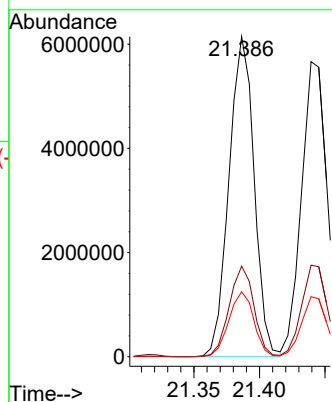
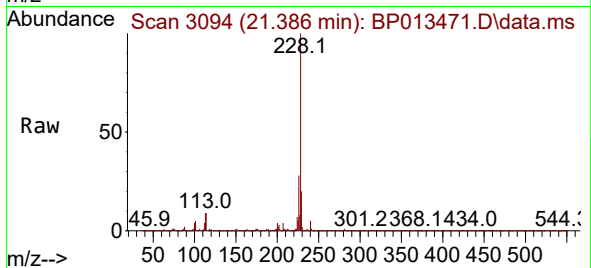
Tgt Ion:228 Resp: 8193020

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

229 20.3 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 34.434 ng

RT: 21.316 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

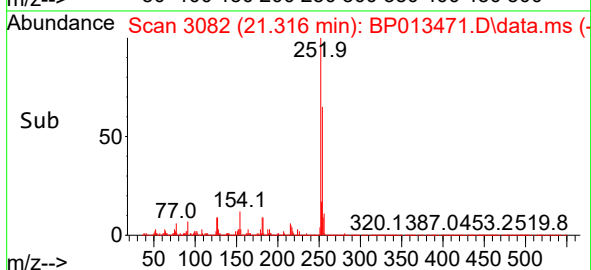
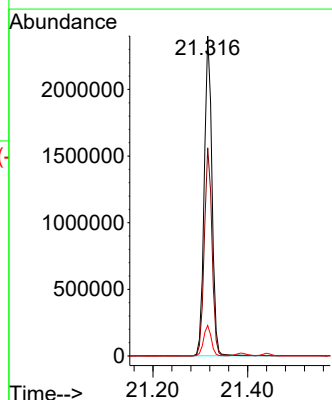
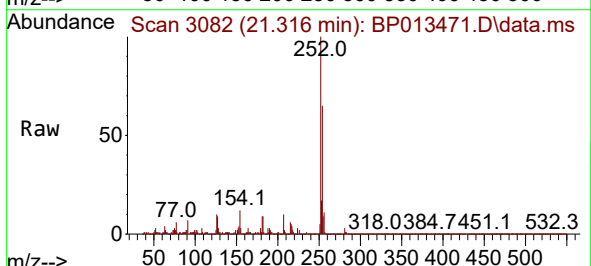
Tgt Ion:252 Resp: 2718378

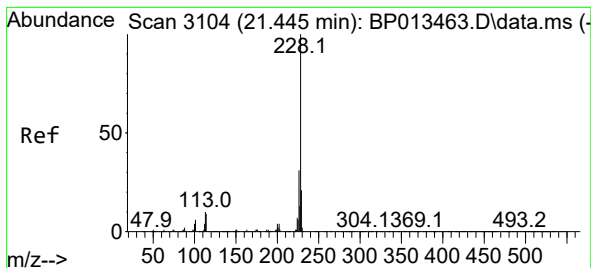
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.6

126 9.5 7.6 11.4





#83

Chrysene

Concen: 38.171 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

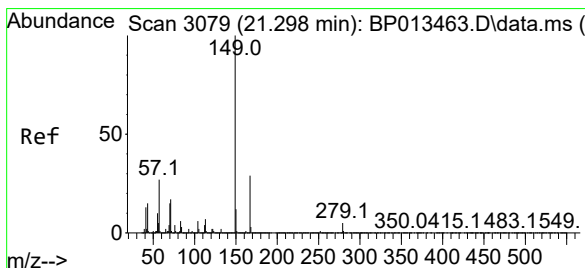
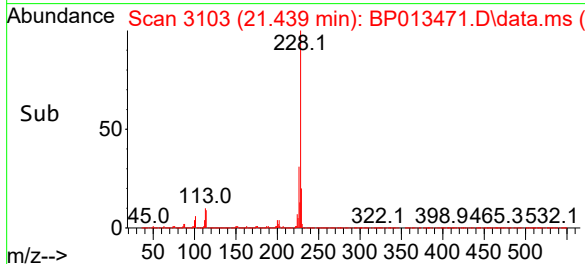
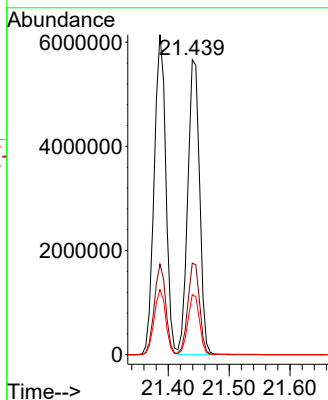
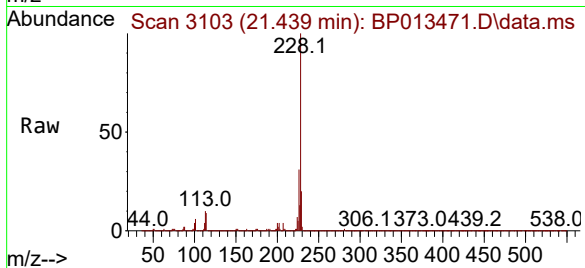
Tgt Ion:228 Resp: 7620699

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

229 20.4 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.454 ng

RT: 21.292 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

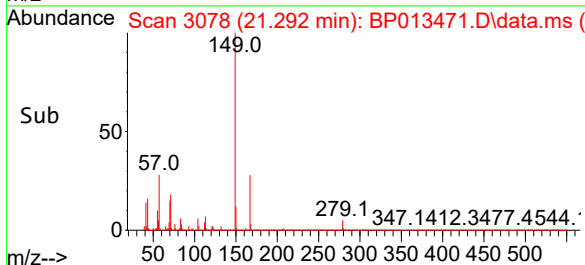
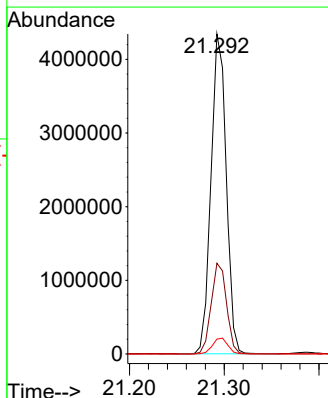
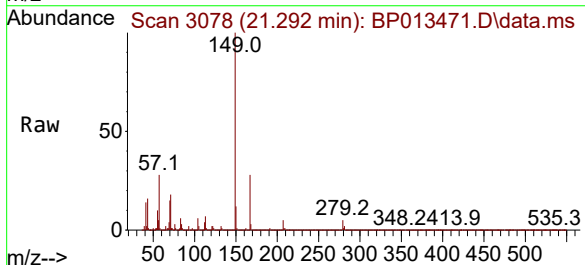
Tgt Ion:149 Resp: 4834848

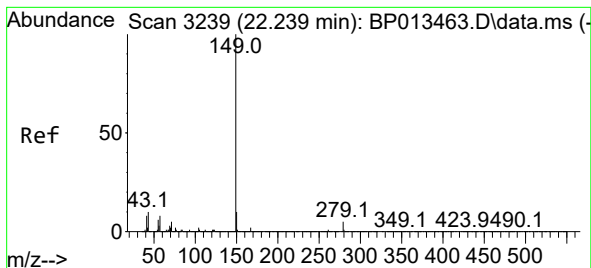
Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 32.645 ng

RT: 22.239 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

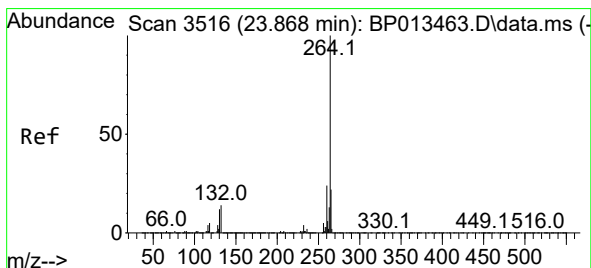
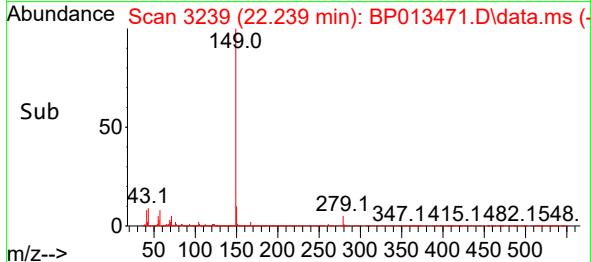
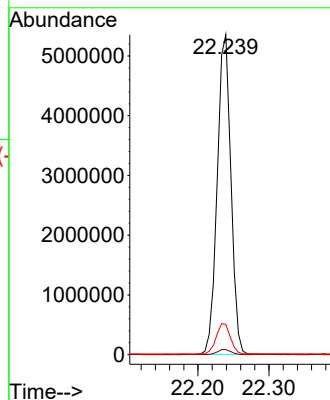
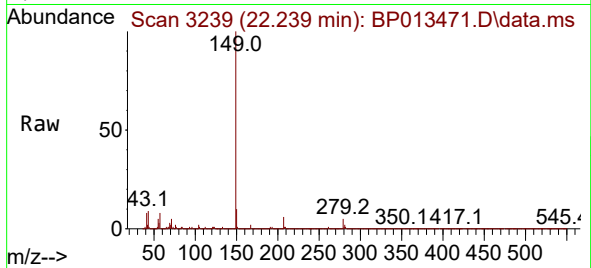
Tgt Ion:149 Resp: 7153827

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3514

Delta R.T. -0.012 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

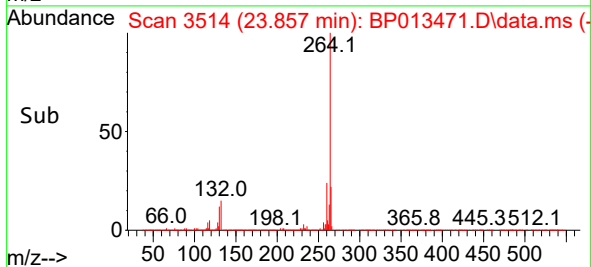
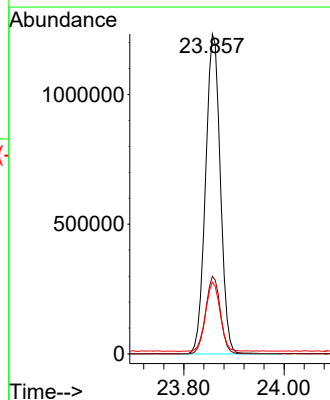
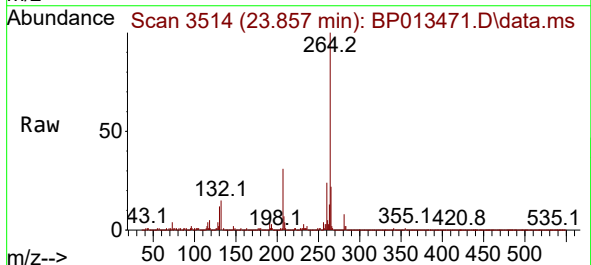
Tgt Ion:264 Resp: 2528354

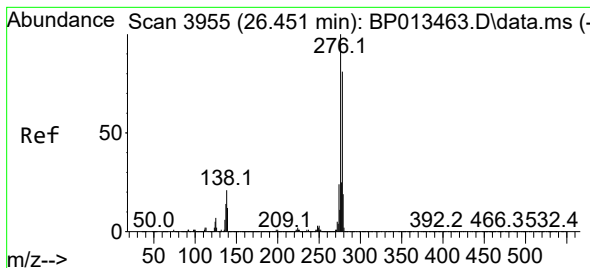
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.885 ng

RT: 26.427 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

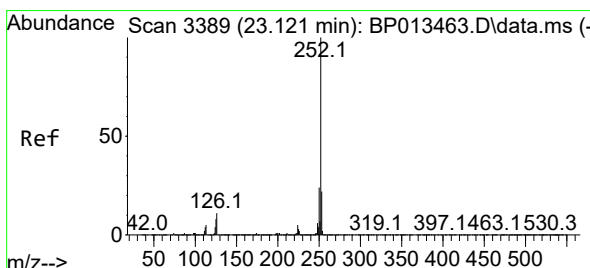
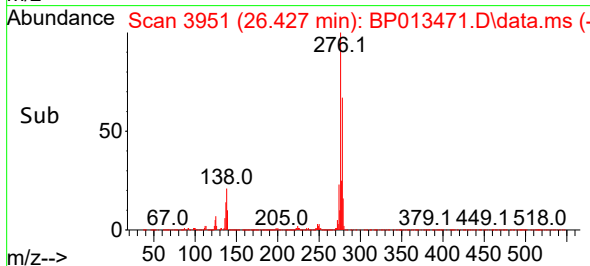
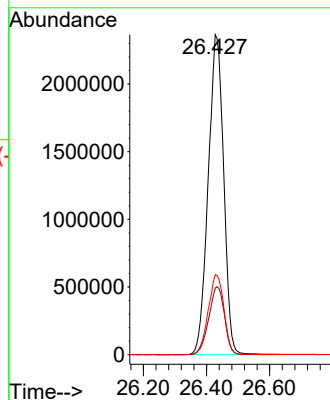
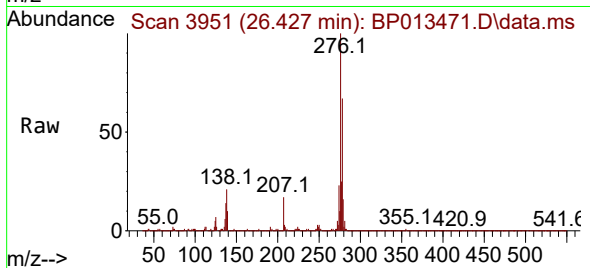
Tgt Ion:276 Resp: 8024139

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.4

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.090 ng

RT: 23.110 min Scan# 3387

Delta R.T. -0.012 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

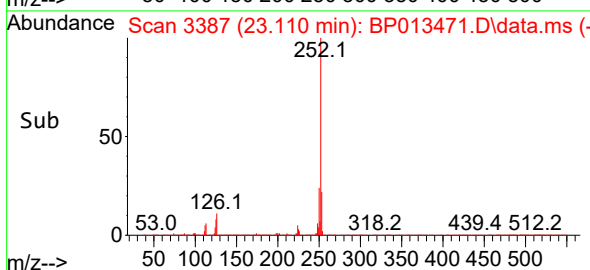
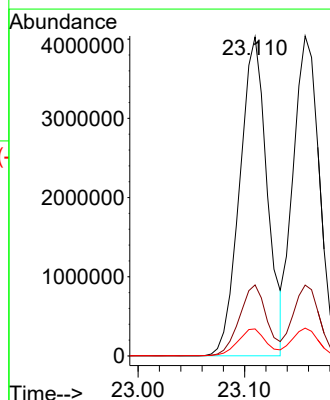
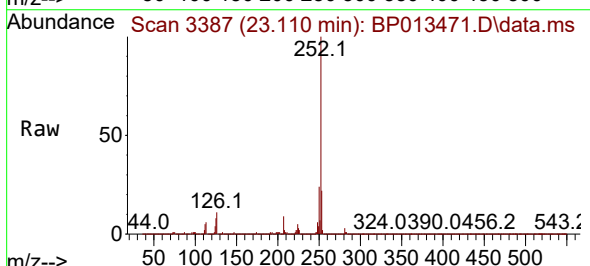
Tgt Ion:252 Resp: 7219354

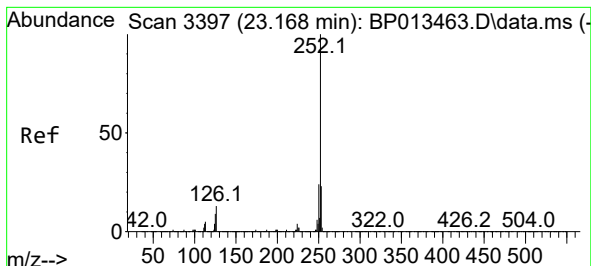
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.5 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 47.225 ng

RT: 23.157 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

Instrument :

BNA_P

ClientSampleId :

PB150110BS

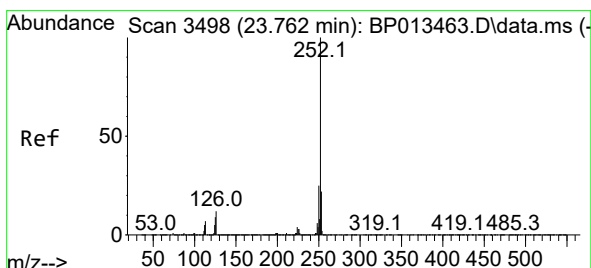
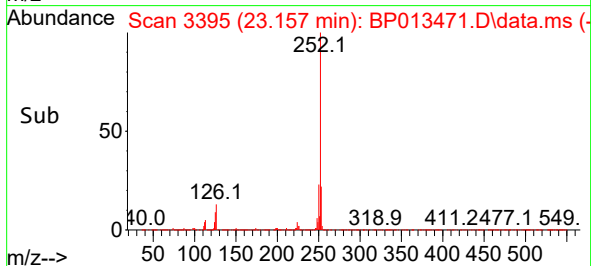
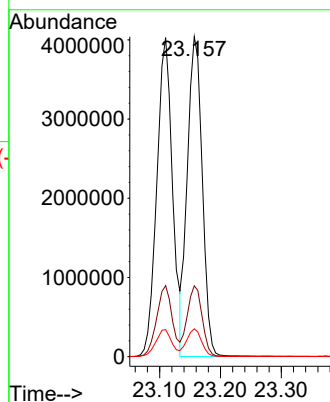
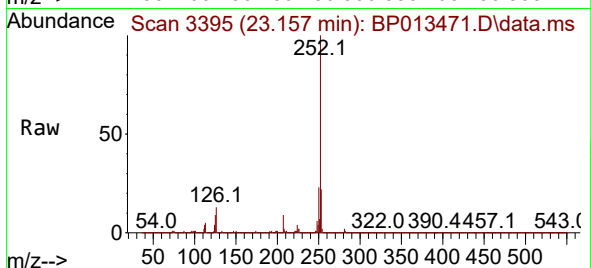
Tgt Ion:252 Resp: 6881043

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 8.7 6.9 10.3



#90

Benzo(a)pyrene

Concen: 41.320 ng

RT: 23.751 min Scan# 3496

Delta R.T. -0.012 min

Lab File: BP013471.D

Acq: 12 Jan 2023 22:34

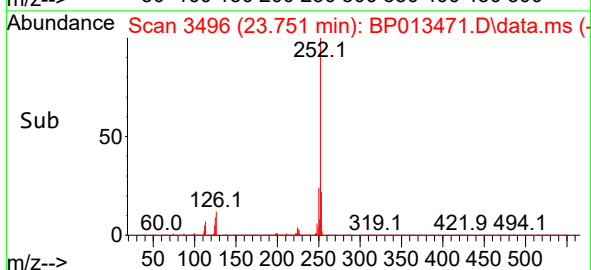
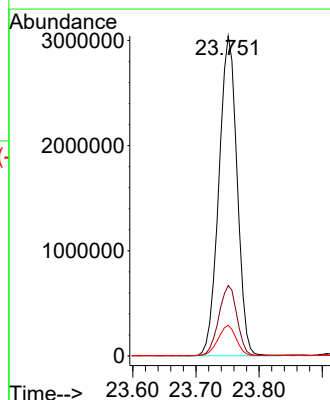
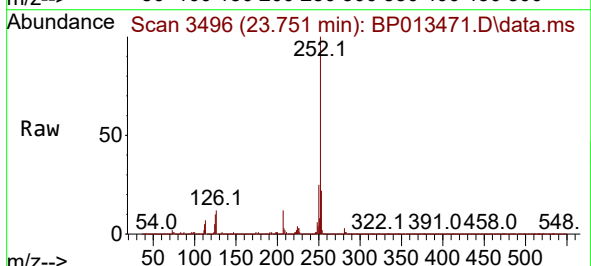
Tgt Ion:252 Resp: 6093853

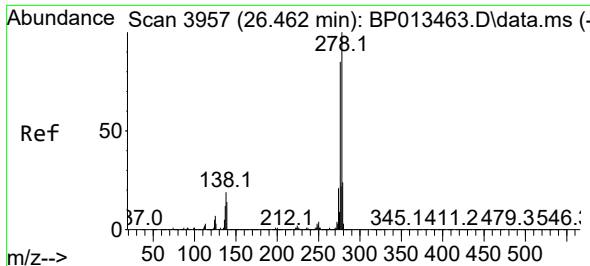
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 9.6 7.6 11.4

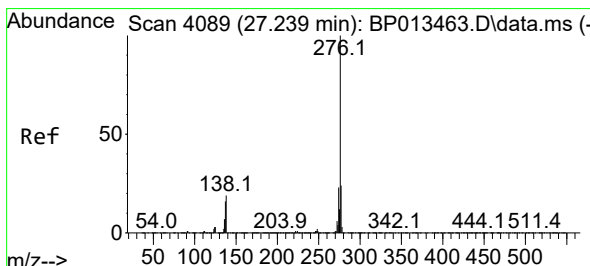
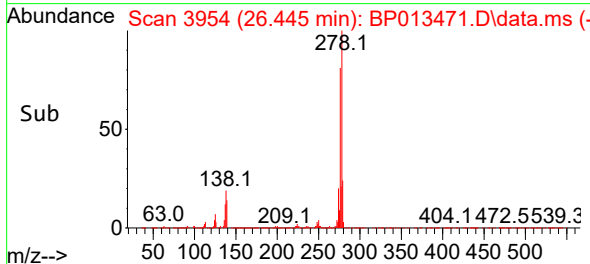
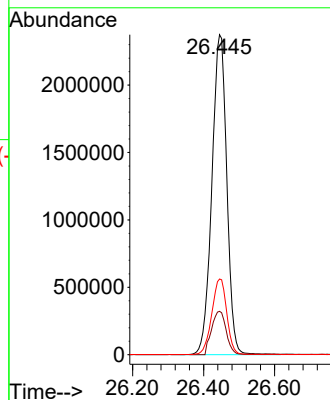
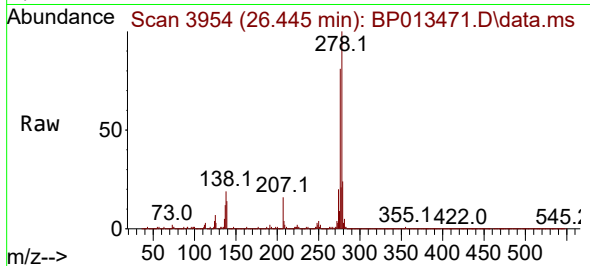




#91
Dibenzo(a,h)anthracene
Concen: 45.463 ng
RT: 26.445 min Scan# 3957
Delta R.T. -0.017 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Instrument :
BNA_P
ClientSampleId :
PB150110BS

Tgt Ion:278 Resp: 6921234
Ion Ratio Lower Upper
278 100
139 13.6 11.1 16.7
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 46.282 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.017 min
Lab File: BP013471.D
Acq: 12 Jan 2023 22:34

Tgt Ion:276 Resp: 6952339
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 18.7 15.3 22.9

