

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020038.D
 Acq On : 20 Apr 2024 10:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020770

Quant Time: Apr 21 23:41:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	75214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	311662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	219915	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	503133	20.000	ng/u1	0.01
79) Chrysene-d12	21.669	240	532595	20.000	ng/u1	0.01
88) Perylene-d12	25.051	264	592665	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16292	8.875	ng/uL	0.00
4) Pyridine-d5	3.634	84	111816	20.695	ng/u1	0.00
7) Phenol-d5	6.822	99	137782	21.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	93096	20.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	97488	21.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	106751	20.848	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	49904	22.260	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	52895	21.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	106749	22.205	ng/u1	0.01
31) 4-Chloroaniline-d4	10.569	131	145433	22.661	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	343375	22.847	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	386040	21.550	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	56058	24.502	ng/u1	0.01
60) Fluorene-d10	15.345	176	298172	22.287	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	61720	20.998	ng/u1	0.01
73) Anthracene-d10	17.275	188	488445	21.669	ng/u1	0.01
81) Pyrene-d10	19.669	212	604375	21.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.810	264	621421	21.464	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	18083	8.764	ng/uL	95
5) Pyridine	3.652	79	123228	22.027	ng/u1	98
6) Benzaldehyde	6.811	77	96962	24.743	ng/u1	98
8) Phenol	6.852	94	147180	21.307	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	116999	20.743	ng/u1	97
12) 2-Chlorophenol	7.211	128	102254	21.682	ng/u1	97
13) 2-Methylphenol	8.081	108	108435	21.420	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	170404	20.670	ng/u1	97
16) Acetophenone	8.463	105	183226	20.889	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.446	70	109885	21.446	ng/u1	98
18) 4-Methylphenol	8.410	108	115267	21.398	ng/u1	97
19) Hexachloroethane	8.693	117	50156	21.607	ng/u1	96
22) Nitrobenzene	8.840	77	160643	21.988	ng/u1	99
23) Isophorone	9.363	82	297767	21.959	ng/u1	98
25) 2-Nitrophenol	9.546	139	57749	22.373	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	135317	21.915	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	161741	21.272	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	105217	22.477	ng/u1	94
30) Naphthalene	10.463	128	355361	21.988	ng/u1	100
32) 4-Chloroaniline	10.593	127	143994	22.615	ng/u1	97
33) Hexachlorobutadiene	10.734	225	82783	21.506	ng/u1	97
34) Caprolactam	11.410	113	34017	23.186	ng/u1	94
35) 4-Chloro-3-methylphenol	11.734	107	126945	22.620	ng/u1	98
36) 2-Methylnaphthalene	12.099	142	241175	21.615	ng/u1	100

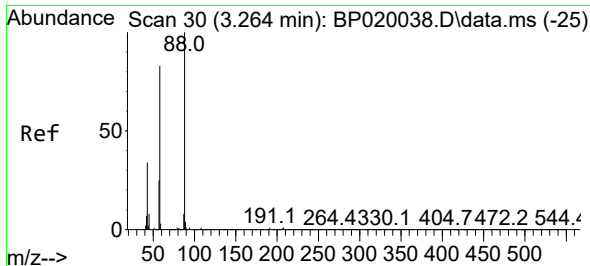
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	244380	22.055	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	147115	20.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	71516	17.321	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	90396	21.050	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	95142	21.314	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	331316	21.014	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	264427	20.994	ng/ul	98
45) 2-Nitroaniline	13.404	65	95648	23.374	ng/ul	98
47) Dimethylphthalate	13.781	163	347061	22.488	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	66947	22.988	ng/ul	96
50) Acenaphthylene	14.034	152	436076	21.596	ng/ul	99
51) 3-Nitroaniline	14.257	138	67352	24.435	ng/ul	96
52) Acenaphthene	14.387	153	288886	21.704	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	39306	22.445	ng/ul	95
55) 4-Nitrophenol	14.581	109	63763	24.462	ng/ul	95
56) Dibenzofuran	14.734	168	405246	22.052	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	103827	25.185	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.975	232	92244	23.862	ng/ul	99
59) Diethylphthalate	15.187	149	358466	23.130	ng/ul	99
61) Fluorene	15.404	166	340682	22.437	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	180175	21.840	ng/ul	98
63) 4-Nitroaniline	15.457	138	64982	26.552	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.510	198	63373	20.744	ng/ul	94
67) N-Nitrosodiphenylamine	15.634	169	291672	20.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	113219	20.518	ng/ul	99
69) Hexachlorobenzene	16.434	284	125348	20.985	ng/ul	99
70) Atrazine	16.634	200	115082	22.518	ng/ul	98
71) Pentachlorophenol	16.810	266	73277	20.240	ng/ul	96
72) Phenanthrene	17.216	178	570140	21.824	ng/ul	99
74) Anthracene	17.310	178	577664	21.680	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.087	216	146062	18.311	ng/uL	96
76) Pentachlorobenzene	14.645	250	146659	19.538	ng/uL	99
77) Carbazole	17.604	167	523276	22.919	ng/ul	99
78) Di-n-butylphthalate	18.204	149	638925	23.195	ng/ul	100
80) Fluoranthene	19.322	202	720902	21.423	ng/ul	99
82) Pyrene	19.698	202	754210	21.543	ng/ul	99
83) Butylbenzylphthalate	20.680	149	300705	22.527	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	263829	22.402	ng/ul	99
85) Benzo(a)anthracene	21.645	228	805203	21.857	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	454617	22.092	ng/ul	99
87) Chrysene	21.722	228	749428	21.601	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	769357	21.004	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	777178	21.758	ng/ul	98
91) Benzo(k)fluoranthene	24.045	252	772137	21.086	ng/ul	99
93) Benzo(a)pyrene	24.886	252	727562	21.138	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.880	276	731990	18.340	ng/ul	99
95) Dibenzo(a,h)anthracene	28.980	278	466034	14.331	ng/ul	98
96) Benzo(g,h,i)perylene	30.062	276	237239	7.431	ng/ul	100

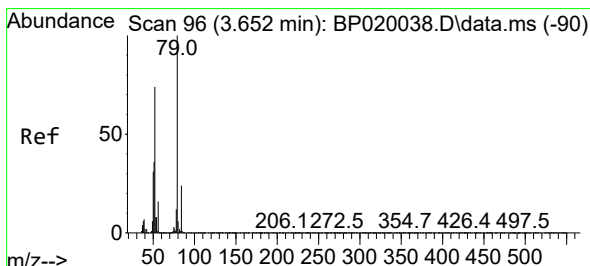
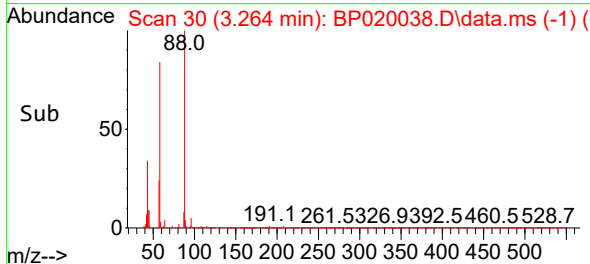
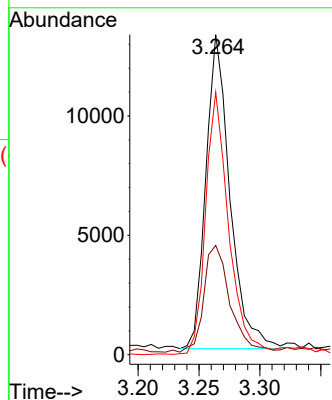
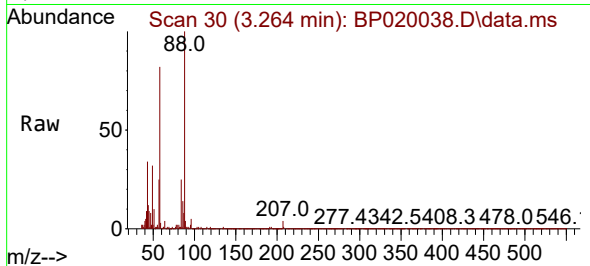
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#2
1,4-Dioxane
Concen: 8.764 ng/uL
RT: 3.264 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

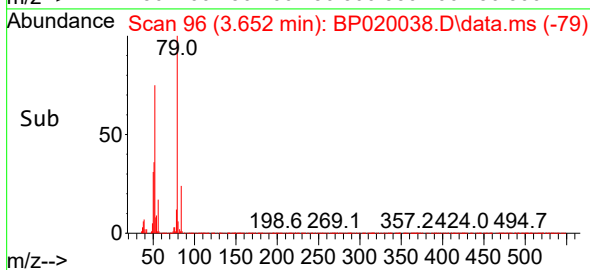
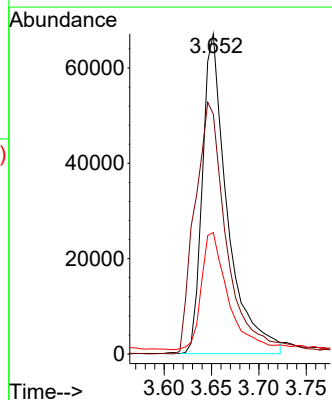
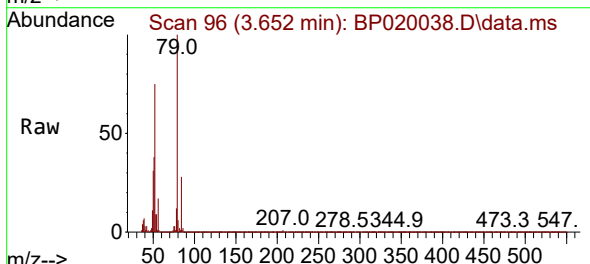
Instrument :
BNA_P
ClientSampleId :
SSTD020770

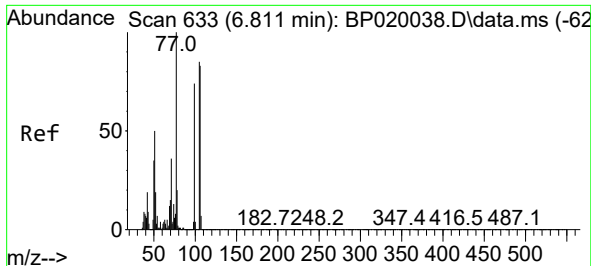
Tgt Ion:	88	Resp:	18083
Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.6	40.0
58	82.0	61.4	92.2



#5
Pyridine
Concen: 22.027 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:	79	Resp:	123228
Ion	Ratio	Lower	Upper
79	100		
52	74.9	61.0	91.4
51	38.0	31.5	47.3

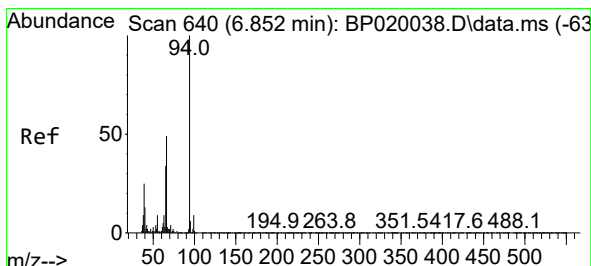
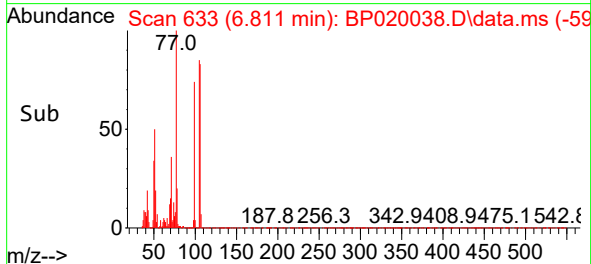
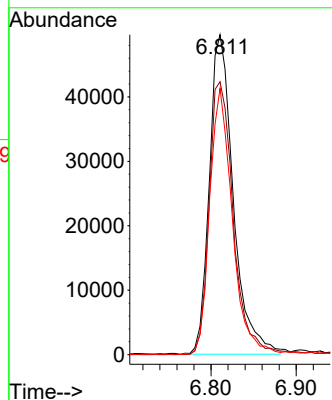
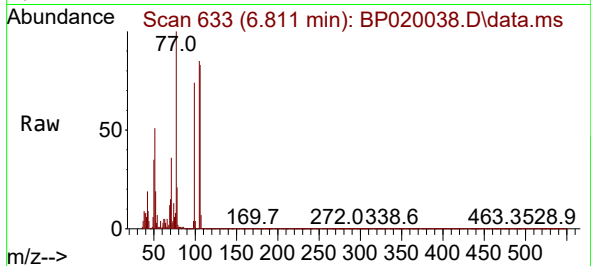




#6
Benzaldehyde
Concen: 24.743 ng/ul
RT: 6.811 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

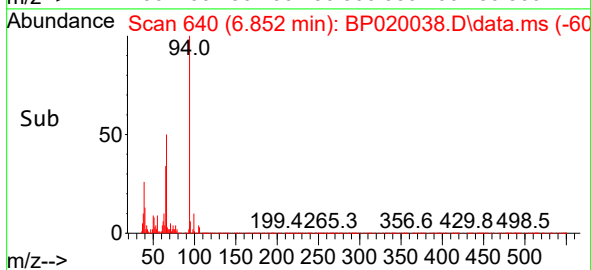
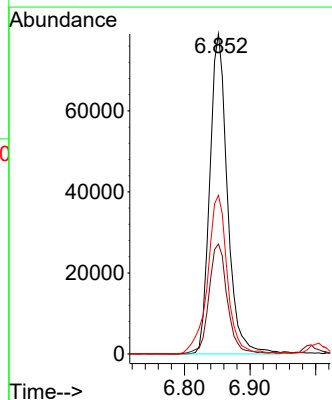
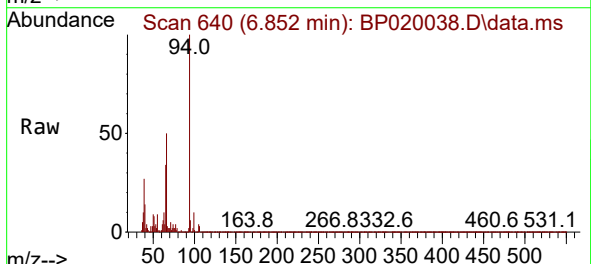
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BNA_P
ClientSampleId :
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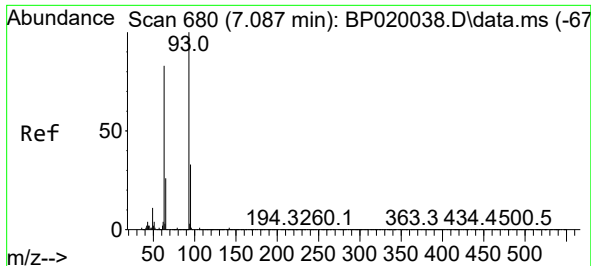
Tgt Ion: 77 Resp: 96962
Ion Ratio Lower Upper
77 100
105 85.3 68.7 103.1
106 83.2 63.7 95.5



#8
Phenol
Concen: 21.307 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion: 94 Resp: 147180
Ion Ratio Lower Upper
94 100
65 34.3 27.8 41.6
66 49.6 40.0 60.0



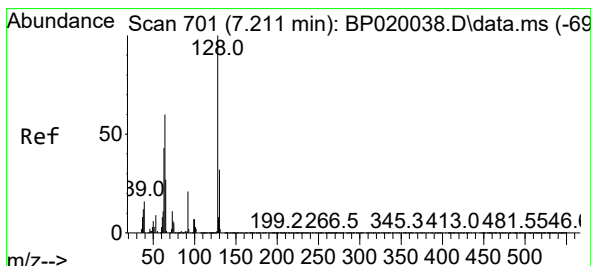
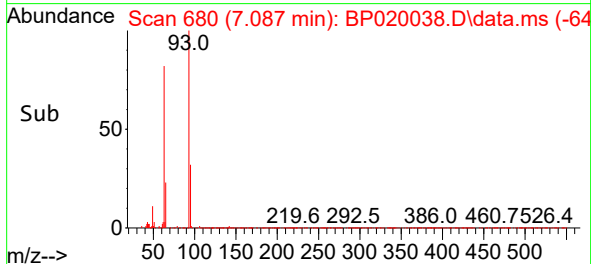
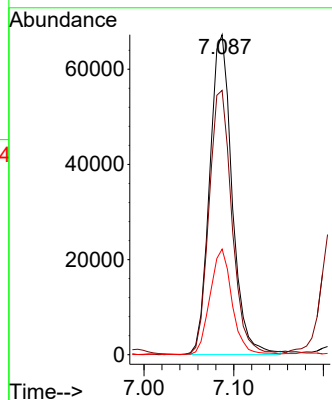
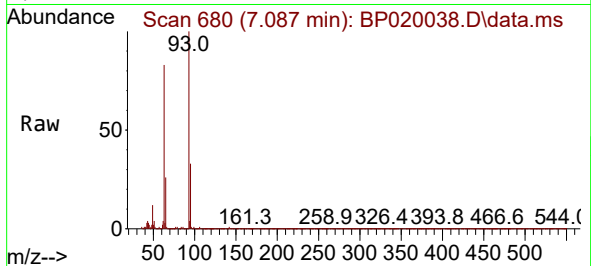


#10
 Bis(2-Chloroethyl)ether
 Concen: 20.743 ng/ul
 RT: 7.087 min Scan# 680
 Delta R.T. 0.006 min
 Lab File: BP020038.D
 Acq: 20 Apr 2024 10:39

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020770

Tgt Ion: 93 Resp: 116999

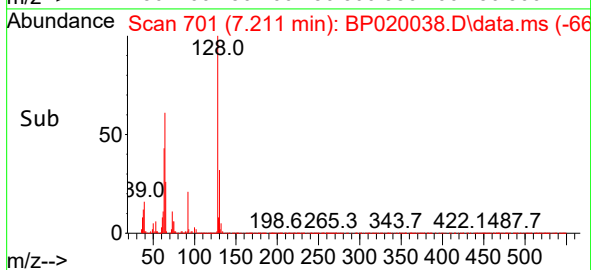
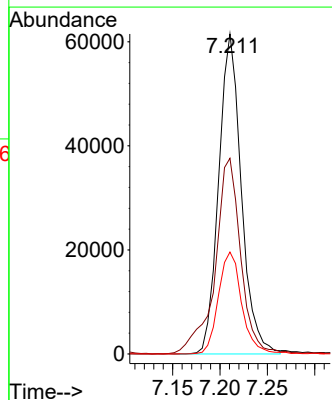
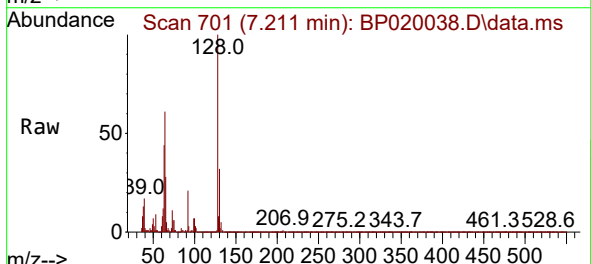
Ion	Ratio	Lower	Upper
93	100		
63	82.6	68.6	102.8
95	33.0	26.6	39.8

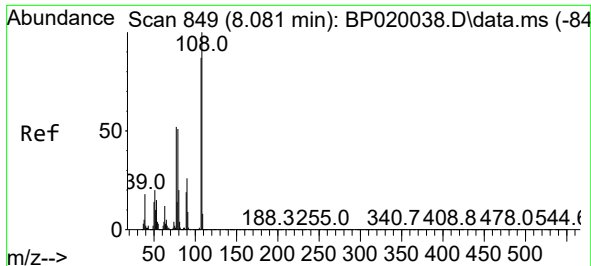


#12
 2-Chlorophenol
 Concen: 21.682 ng/ul
 RT: 7.211 min Scan# 701
 Delta R.T. 0.006 min
 Lab File: BP020038.D
 Acq: 20 Apr 2024 10:39

Tgt Ion: 128 Resp: 102254

Ion	Ratio	Lower	Upper
128	100		
64	61.1	51.4	77.0
130	31.8	26.5	39.7





#13

2-Methylphenol

Concen: 21.420 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

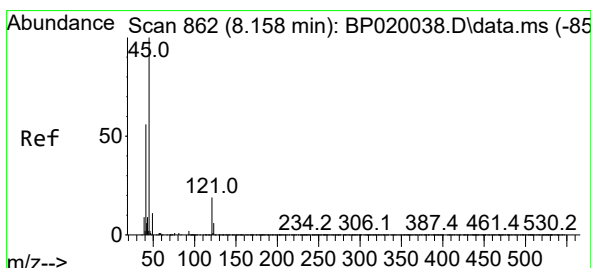
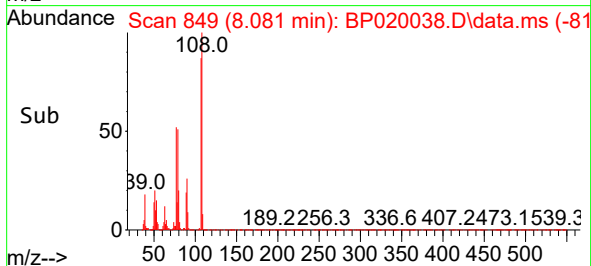
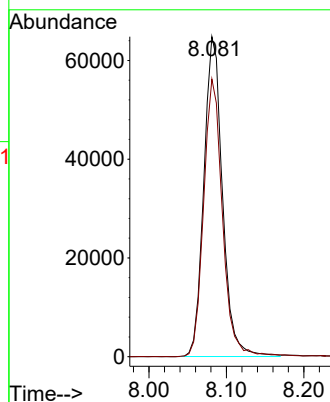
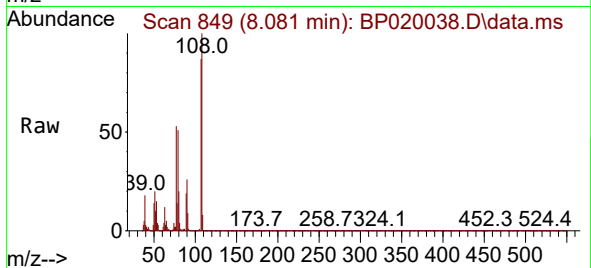
SSTD020770

Tgt Ion:108 Resp: 108435

Ion Ratio Lower Upper

108 100

107 86.8 67.3 100.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.670 ng/ul

RT: 8.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

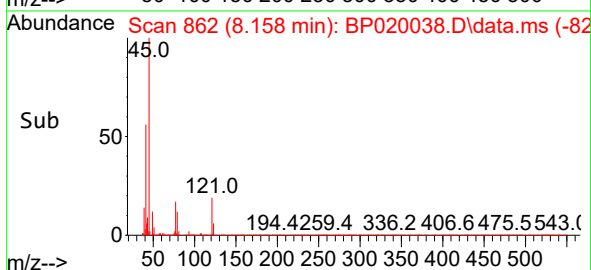
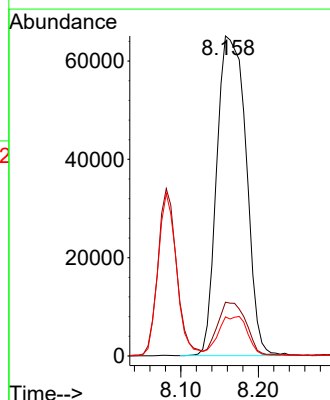
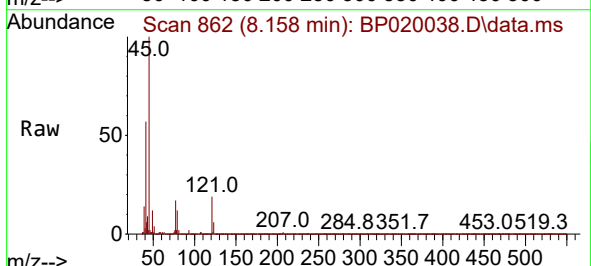
Tgt Ion: 45 Resp: 170404

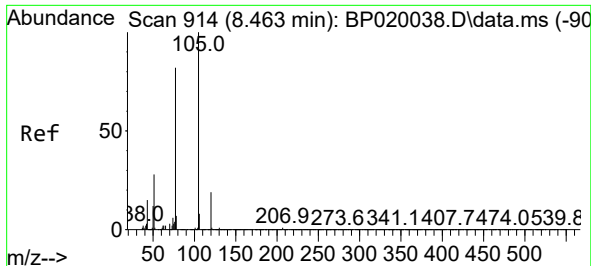
Ion Ratio Lower Upper

45 100

77 16.8 12.6 18.8

79 12.2 8.8 13.2

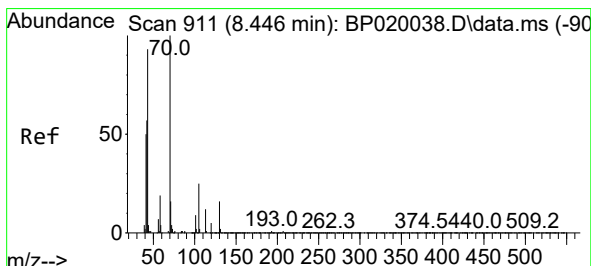
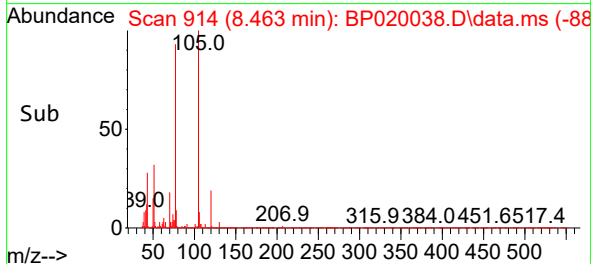
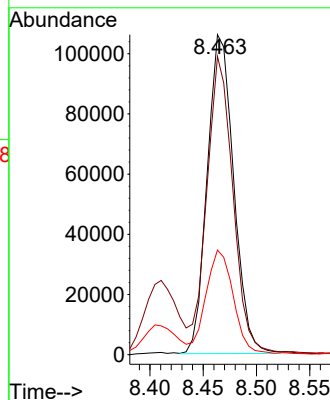
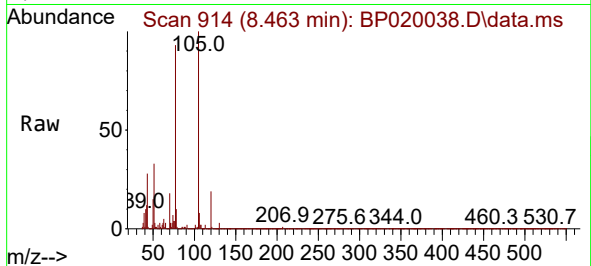




#16
Acetophenone
Concen: 20.889 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

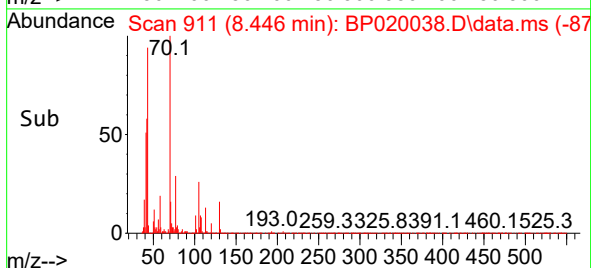
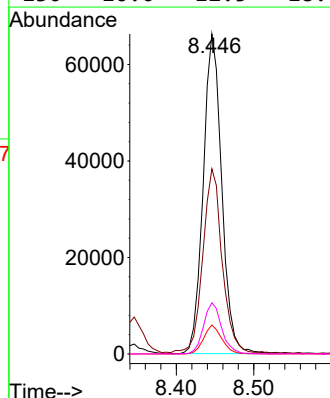
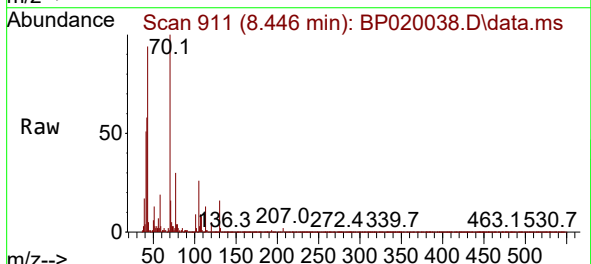
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ClientSampleId :
SSTD020770

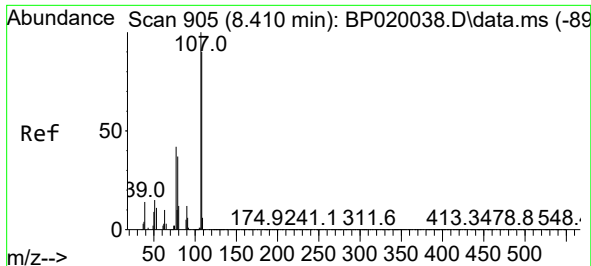
Tgt Ion:105 Resp: 183226
Ion Ratio Lower Upper
105 100
77 93.2 70.3 105.5
51 32.7 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 21.446 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion: 70 Resp: 109885
Ion Ratio Lower Upper
70 100
42 57.9 47.8 71.6
101 9.1 6.5 9.7
130 16.0 12.5 18.7

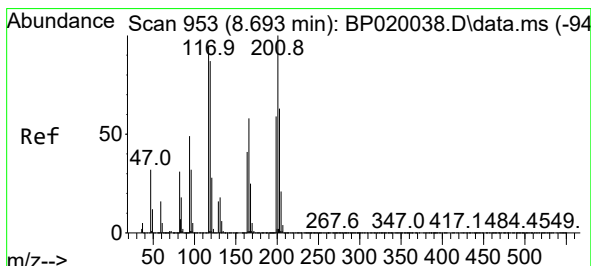
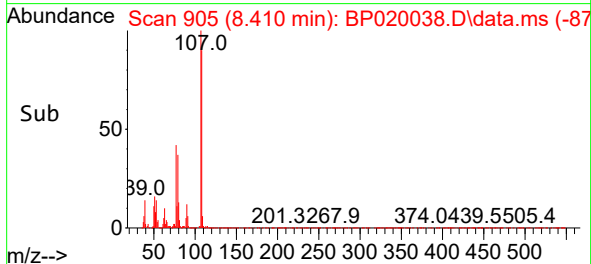
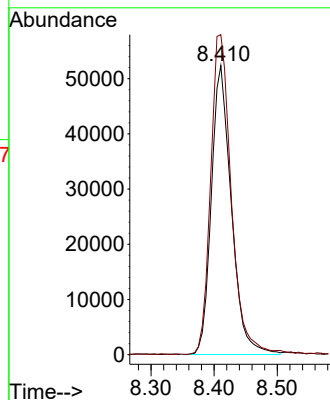
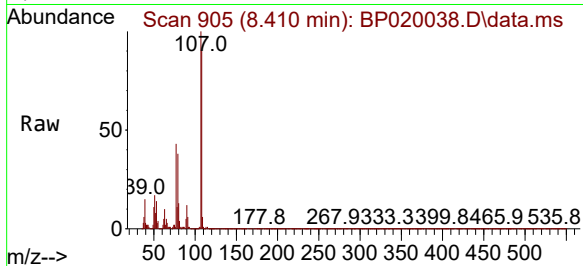




#18
4-Methylphenol
Concen: 21.398 ng/ul
RT: 8.410 min Scan# 905
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

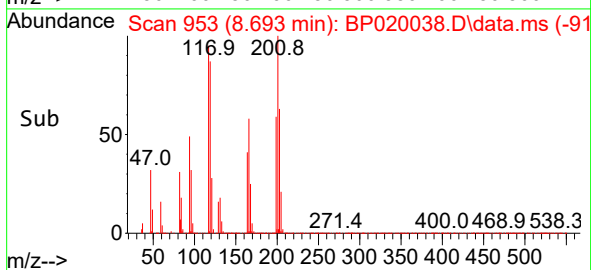
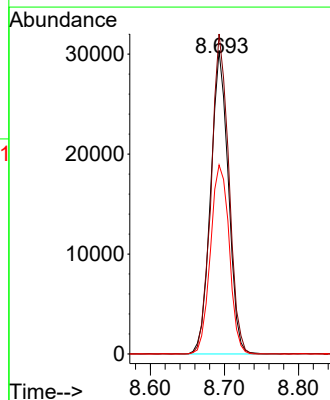
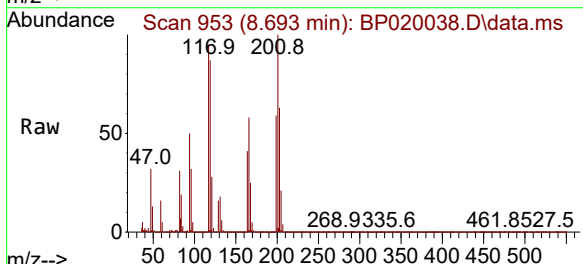
Instrument :
BNA_P
ClientSampleId :
SSTD020770

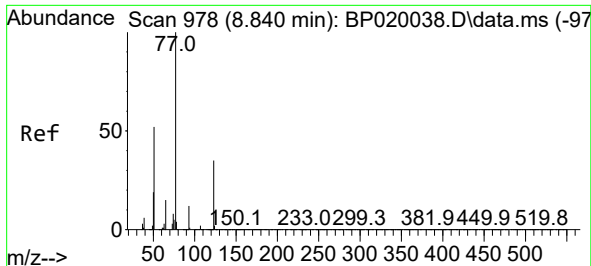
Tgt Ion:108 Resp: 115267
Ion Ratio Lower Upper
108 100
107 110.7 91.5 137.3



#19
Hexachloroethane
Concen: 21.607 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:117 Resp: 50156
Ion Ratio Lower Upper
117 100
201 107.7 87.8 131.6
199 62.3 55.0 82.6

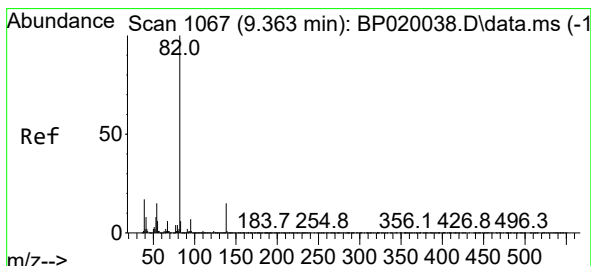
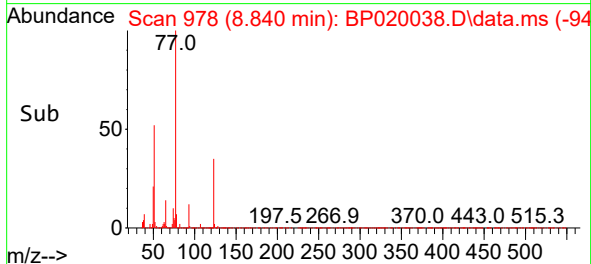
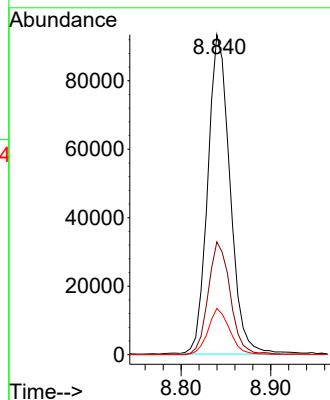
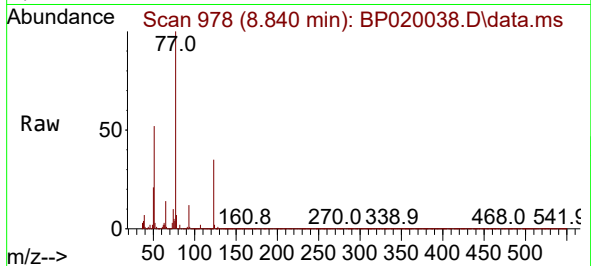




#22
Nitrobenzene
Concen: 21.988 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

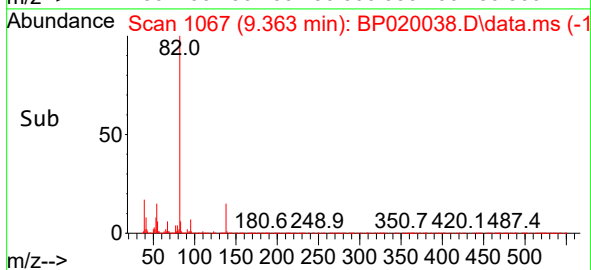
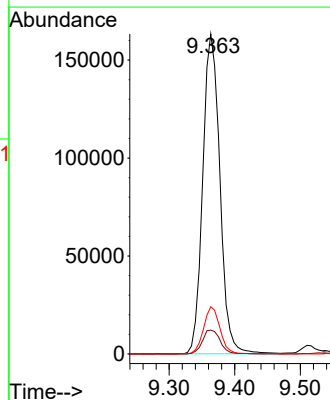
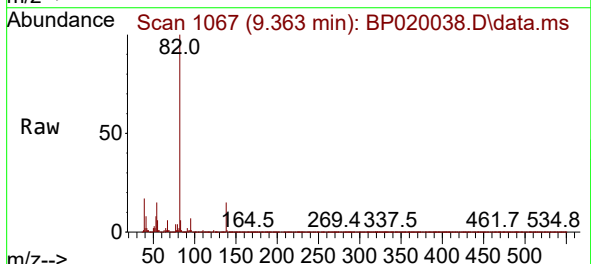
Instrument :
BNA_P
ClientSampleId :
SSTD020770

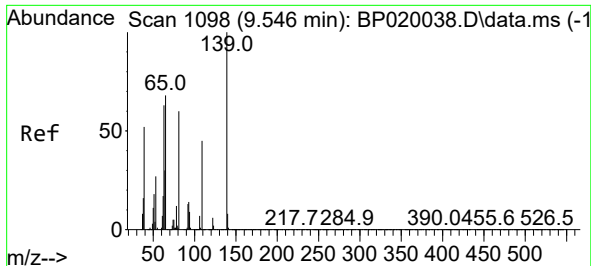
Tgt Ion: 77 Resp: 160643
Ion Ratio Lower Upper
77 100
123 35.3 28.5 42.7
65 14.5 11.7 17.5



#23
Isophorone
Concen: 21.959 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion: 82 Resp: 297767
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 14.8 10.9 16.3

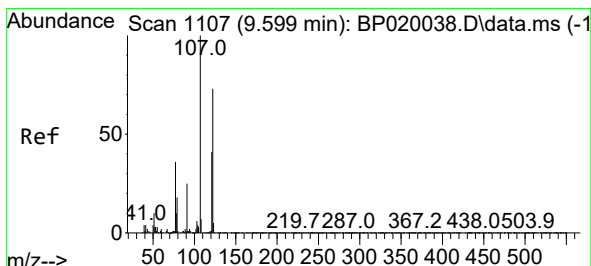
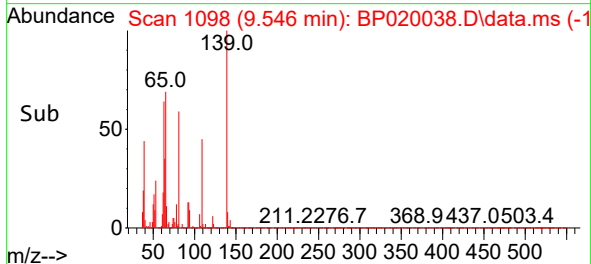
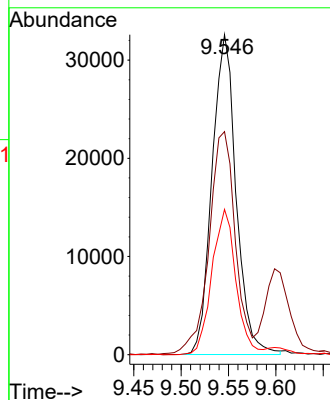
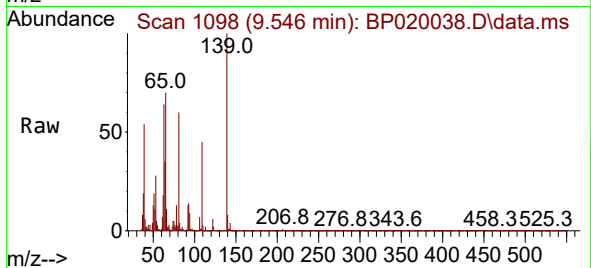




#25
2-Nitrophenol
Concen: 22.373 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

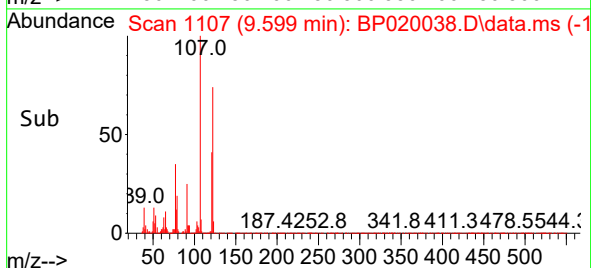
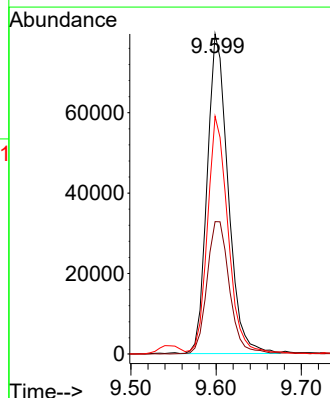
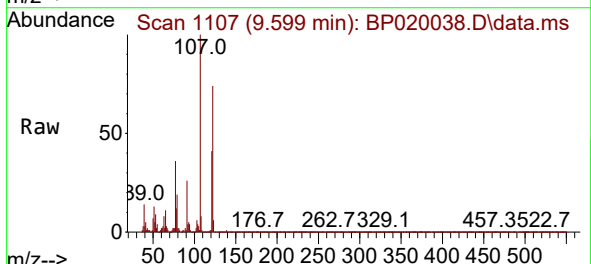
Instrument :
BNA_P
ClientSampleId :
SSTD020770

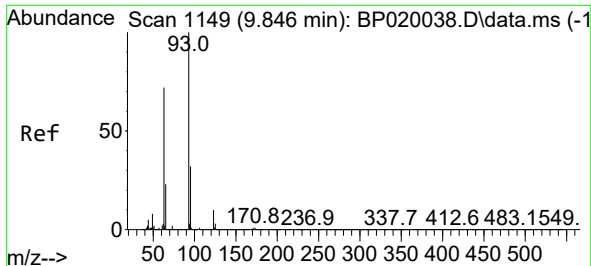
Tgt Ion:139 Resp: 57749
Ion Ratio Lower Upper
139 100
65 69.7 58.6 87.8
109 45.4 34.8 52.2



#26
2,4-Dimethylphenol
Concen: 21.915 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:107 Resp: 135317
Ion Ratio Lower Upper
107 100
121 41.4 34.0 51.0
122 74.2 58.9 88.3





#27

Bis(2-Chloroethoxy)methane

Concen: 21.272 ng/ul

RT: 9.846 min Scan# 1149

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

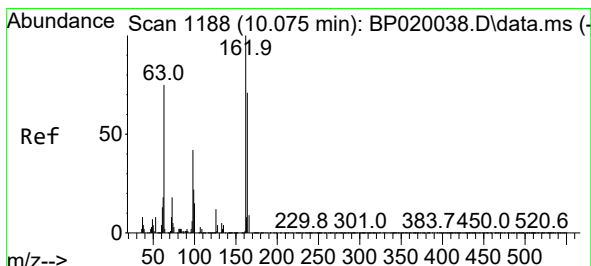
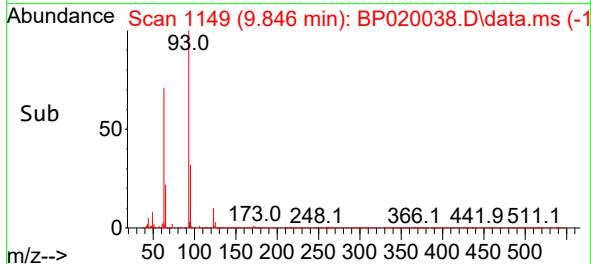
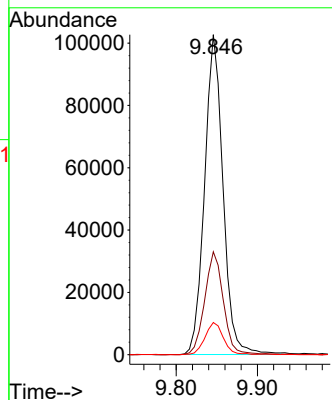
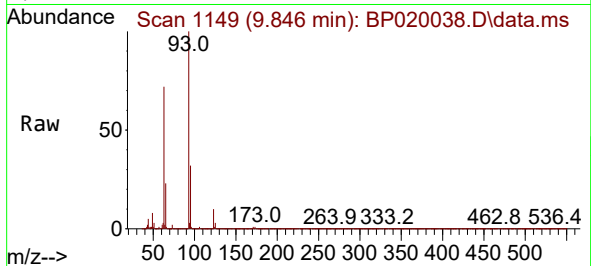
Tgt Ion: 93 Resp: 161741

Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.0

123 10.1 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 22.477 ng/ul

RT: 10.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

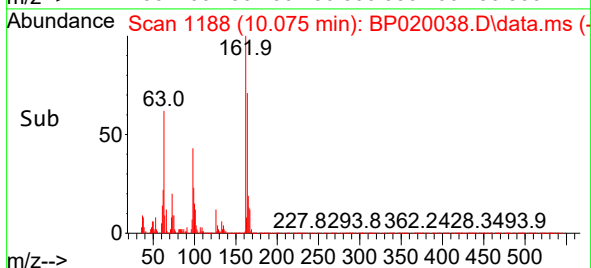
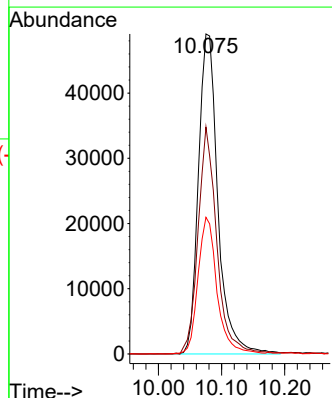
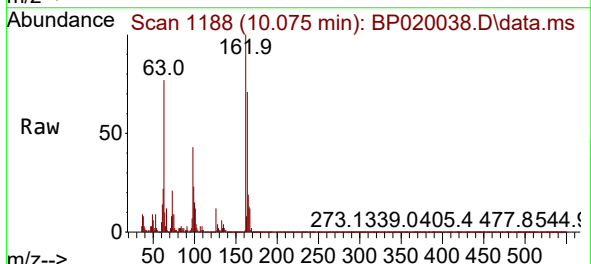
Tgt Ion: 162 Resp: 105217

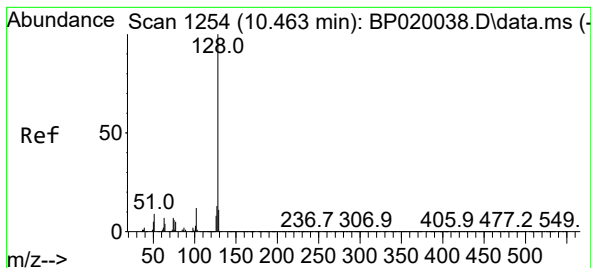
Ion Ratio Lower Upper

162 100

164 70.9 51.7 77.5

98 42.7 32.8 49.2

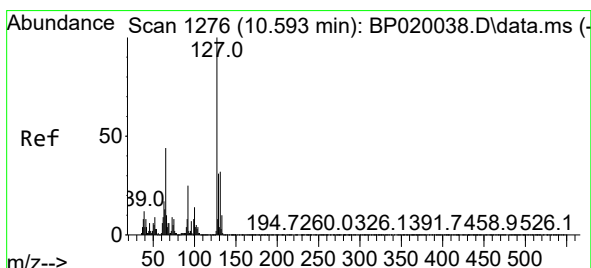
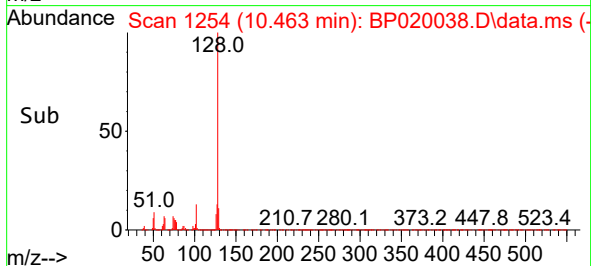
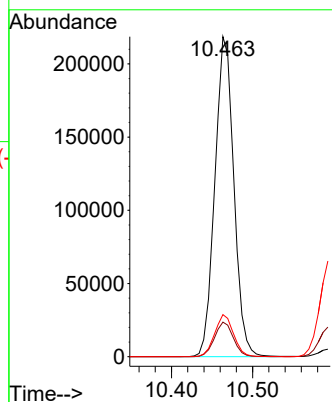
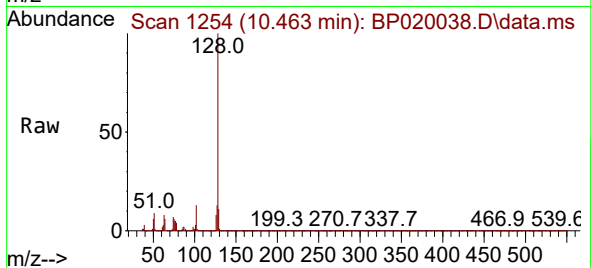




#30
Naphthalene
Concen: 21.988 ng/ul
RT: 10.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

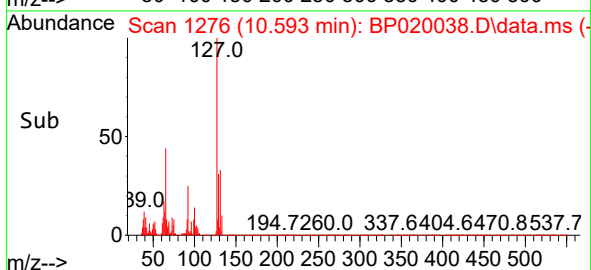
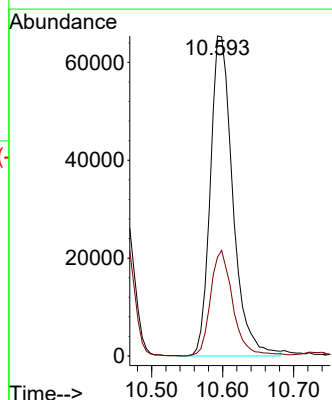
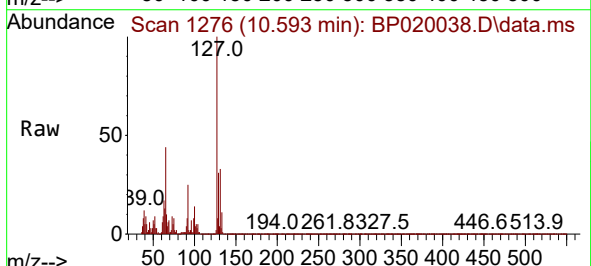
Instrument :
BNA_P
ClientSampleId :
SSTD020770

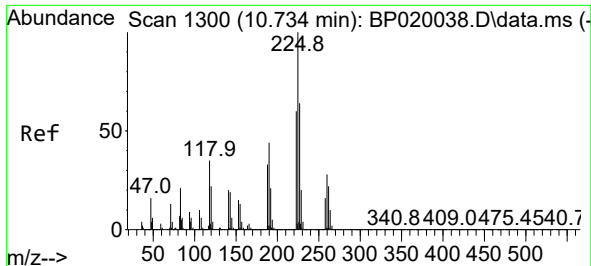
Tgt Ion:128 Resp: 355361
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 22.615 ng/ul
RT: 10.593 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:127 Resp: 143994
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9

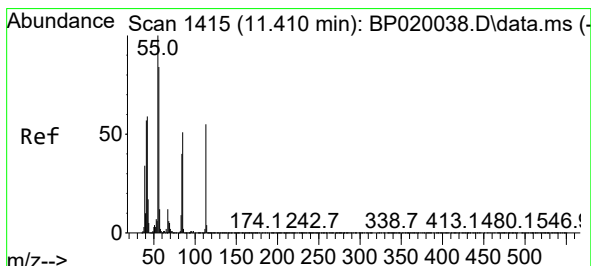
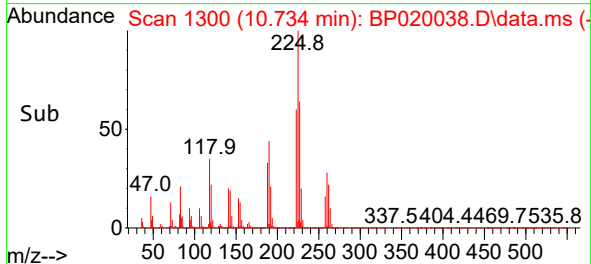
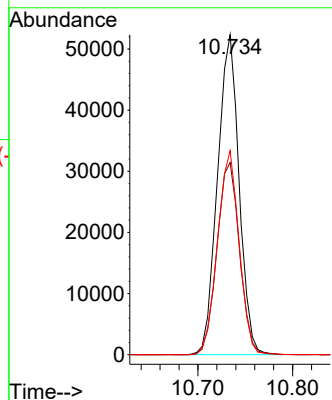
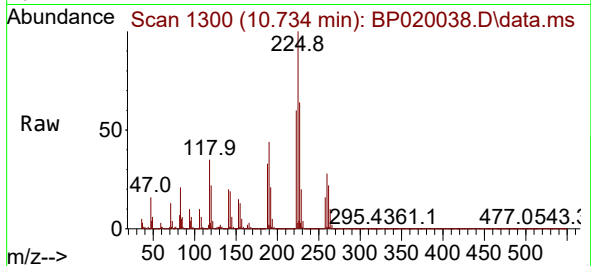




#33
Hexachlorobutadiene
Concen: 21.506 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

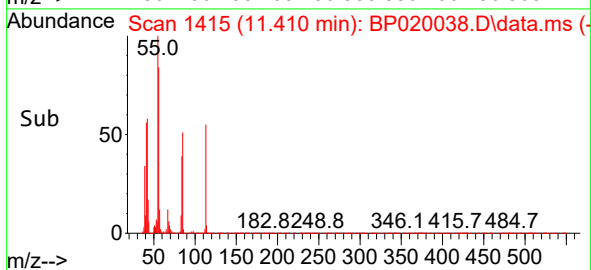
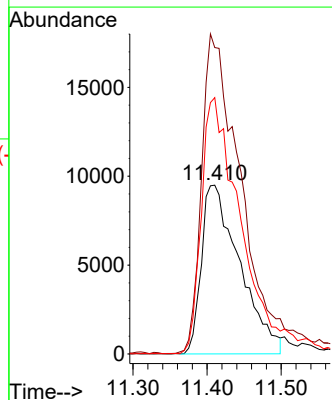
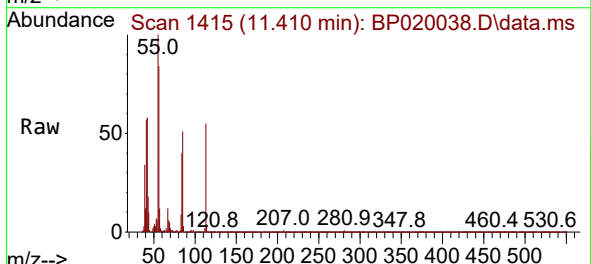
Instrument :
BNA_P
ClientSampleId :
SSTD020770

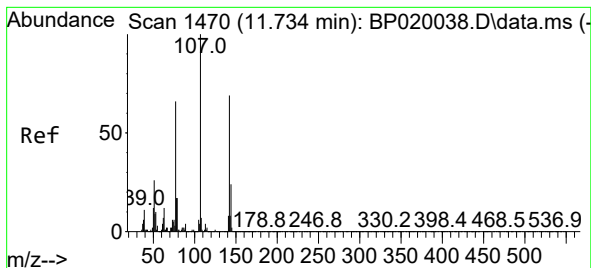
Tgt Ion:225 Resp: 82783
Ion Ratio Lower Upper
225 100
223 60.0 50.5 75.7
227 63.7 52.2 78.4



#34
Caprolactam
Concen: 23.186 ng/ul
RT: 11.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:113 Resp: 34017
Ion Ratio Lower Upper
113 100
55 181.5 140.5 210.7
56 151.8 113.8 170.6

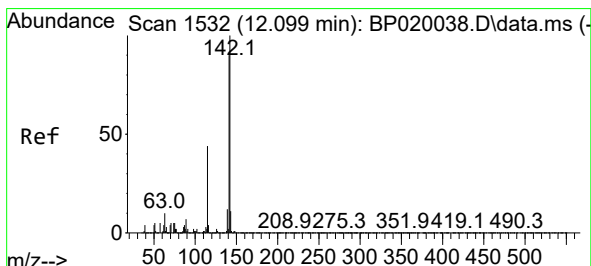
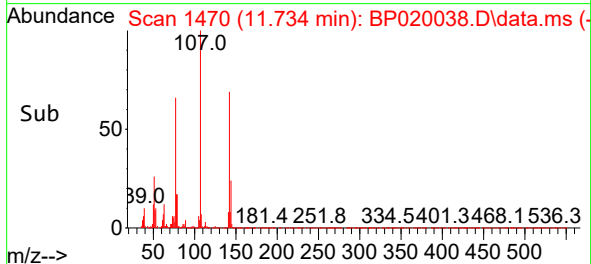
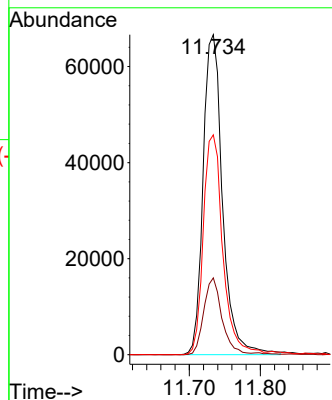
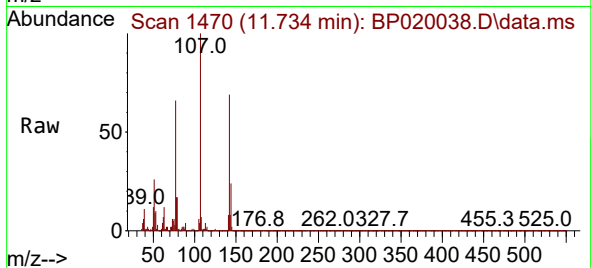




#35
4-Chloro-3-methylphenol
Concen: 22.620 ng/ul
RT: 11.734 min Scan# 1470
Delta R.T. 0.012 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

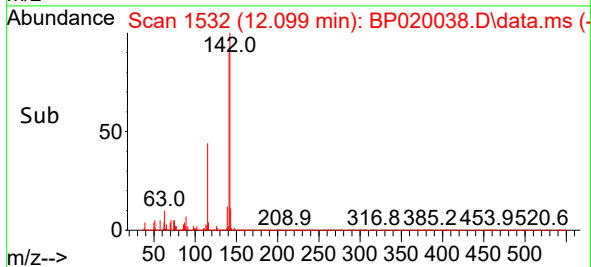
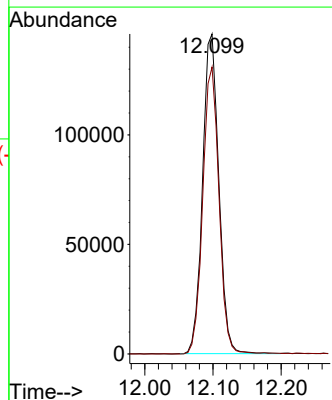
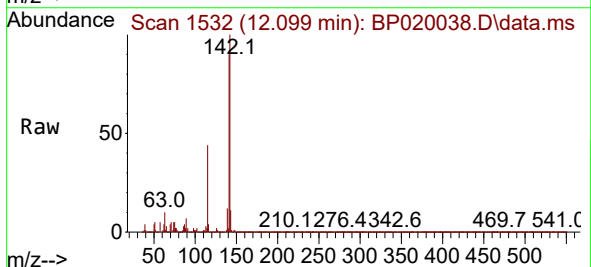
Instrument :
BNA_P
ClientSampleId :
SSTD020770

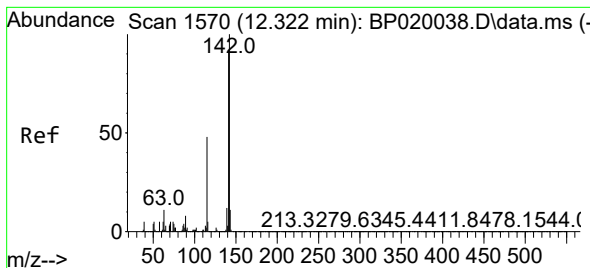
Tgt Ion:107 Resp: 126945
Ion Ratio Lower Upper
107 100
144 24.0 18.0 27.0
142 68.7 56.3 84.5



#36
2-Methylnaphthalene
Concen: 21.615 ng/ul
RT: 12.099 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:142 Resp: 241175
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1





#37

1-Methylnaphthalene

Concen: 22.055 ng/ul

RT: 12.322 min Scan# 1570

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

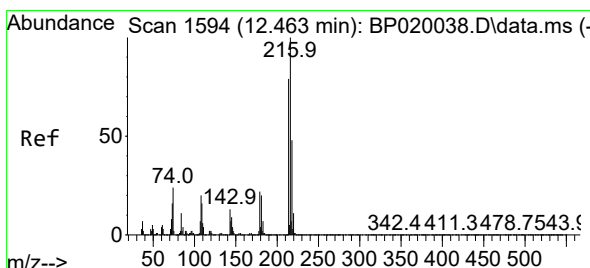
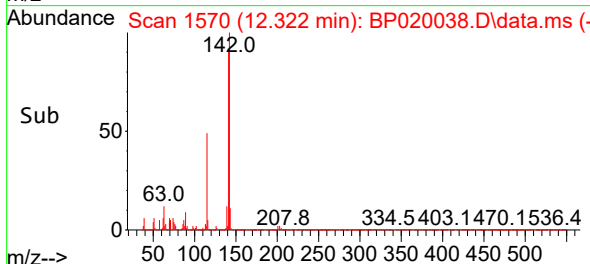
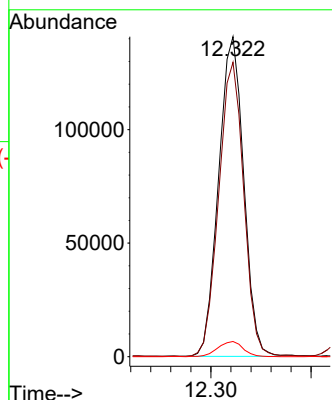
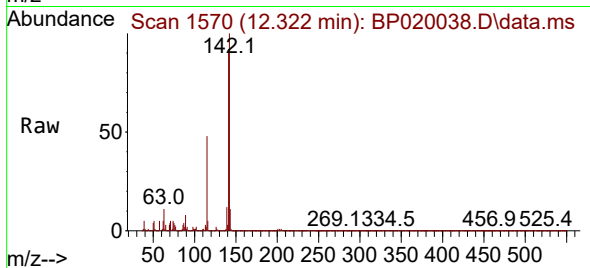
Tgt Ion:142 Resp: 244380

Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2

116 4.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.527 ng/ul

RT: 12.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Tgt Ion:216 Resp: 147115

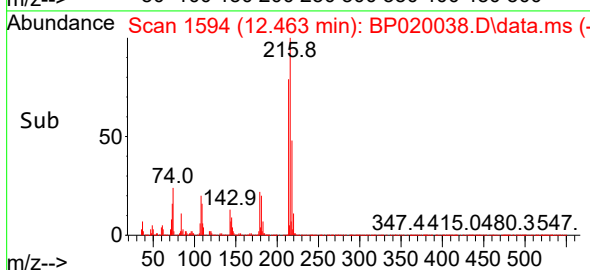
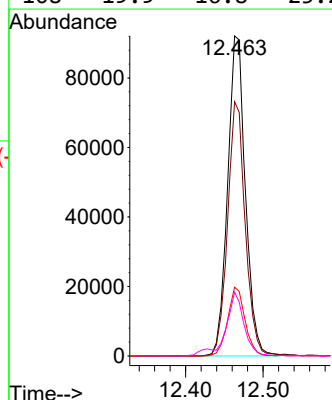
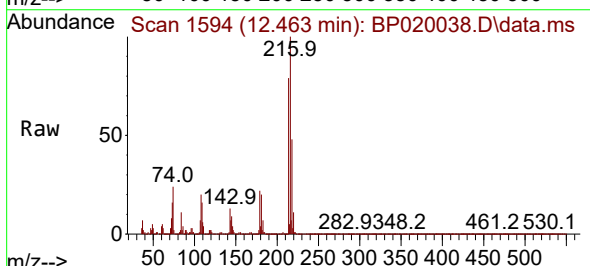
Ion Ratio Lower Upper

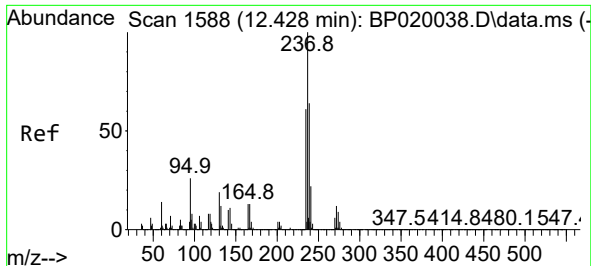
216 100

214 79.5 64.2 96.2

179 21.5 17.3 25.9

108 19.9 16.8 25.2

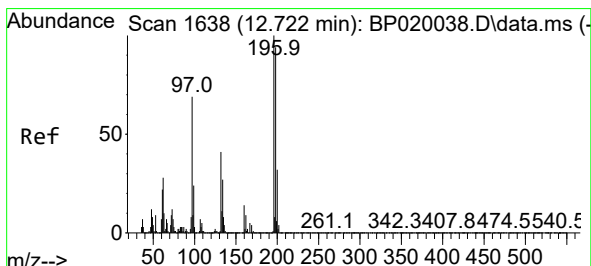
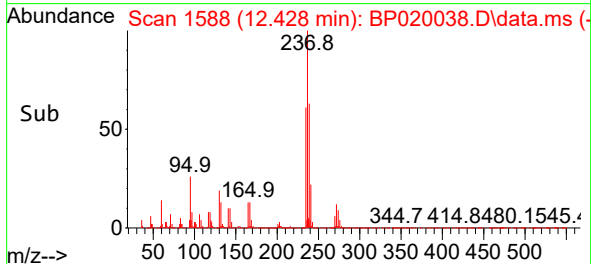
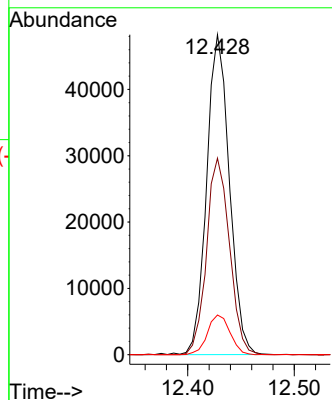
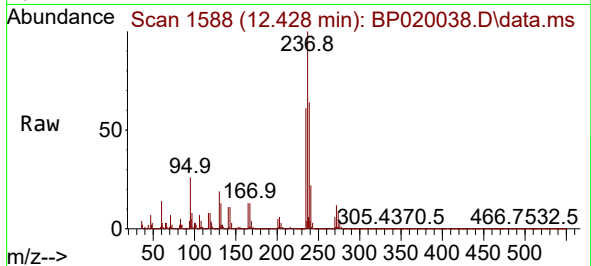




#40
Hexachlorocyclopentadiene
Concen: 17.321 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

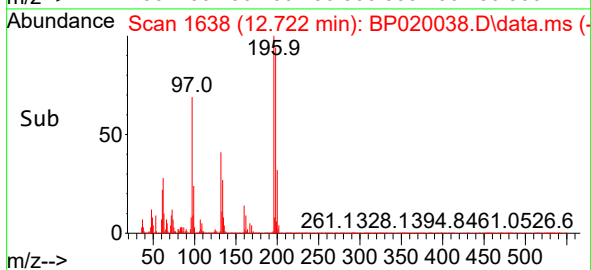
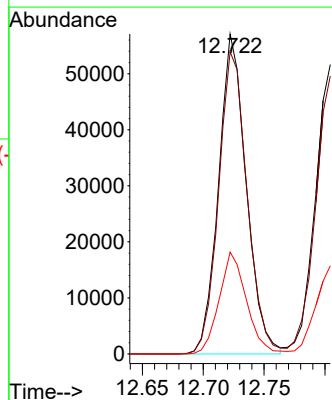
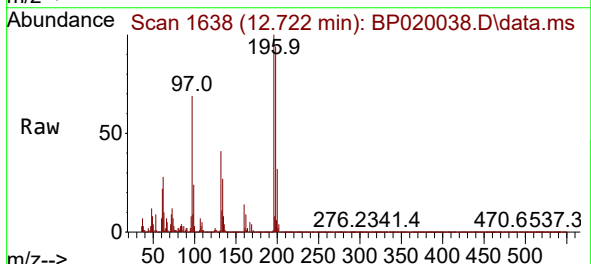
Instrument :
BNA_P
ClientSampleId :
SSTD020770

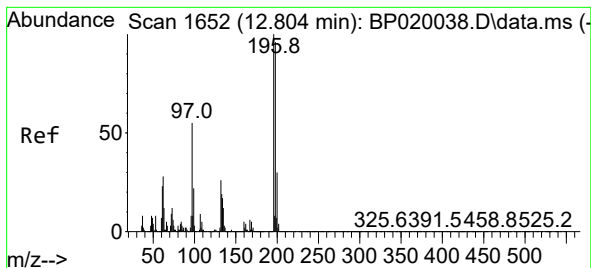
Tgt Ion:	237	Resp:	71516
Ion Ratio	Lower	Upper	
237	100		
235	61.4	48.2	72.4
272	13.4	9.4	14.0



#41
2,4,6-Trichlorophenol
Concen: 21.050 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:	196	Resp:	90396
Ion Ratio	Lower	Upper	
196	100		
198	94.4	78.8	118.2
200	31.9	24.9	37.3





#42

2,4,5-Trichlorophenol

Concen: 21.314 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

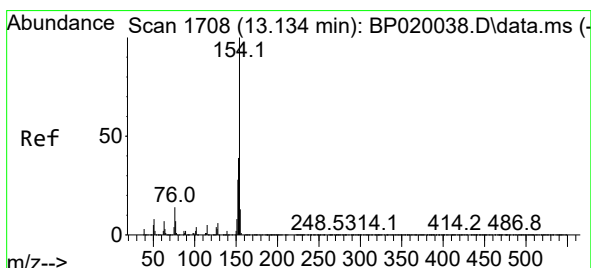
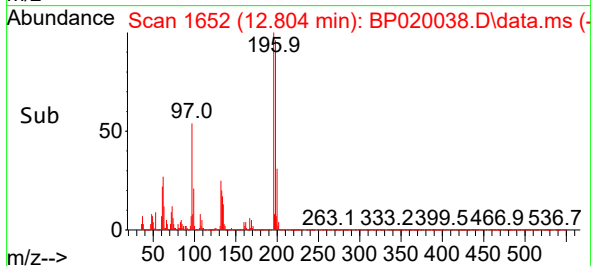
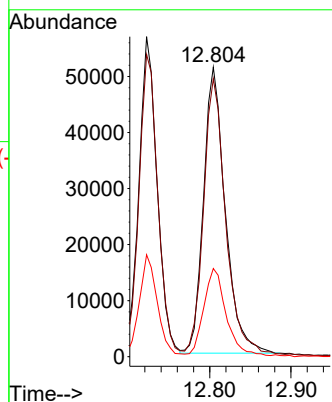
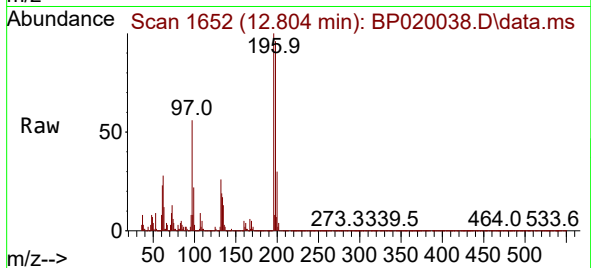
Tgt Ion:196 Resp: 95142

Ion Ratio Lower Upper

196 100

198 96.0 77.5 116.3

200 30.5 24.5 36.7



#43

1,1'-Biphenyl

Concen: 21.014 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

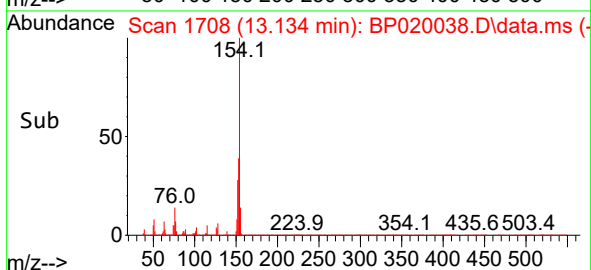
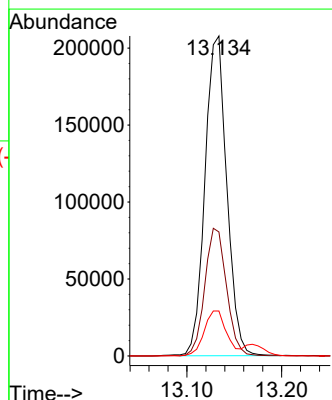
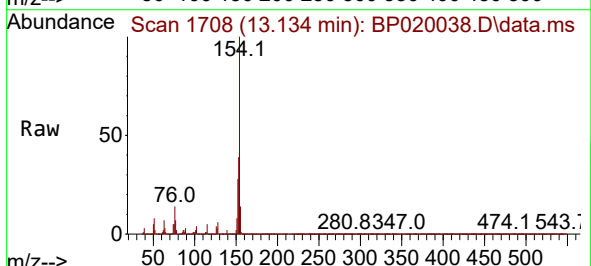
Tgt Ion:154 Resp: 331316

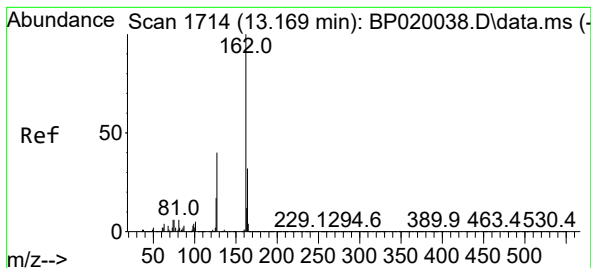
Ion Ratio Lower Upper

154 100

153 38.7 32.2 48.4

76 14.0 11.3 16.9

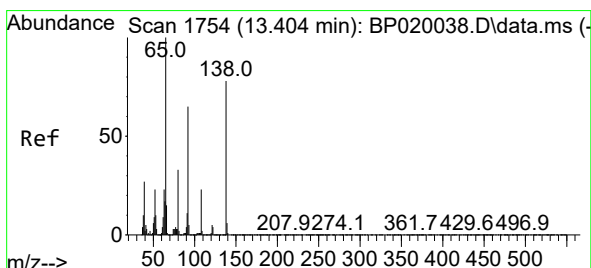
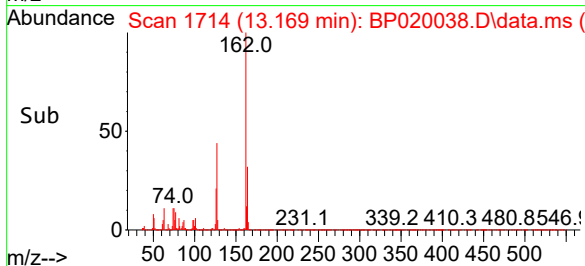
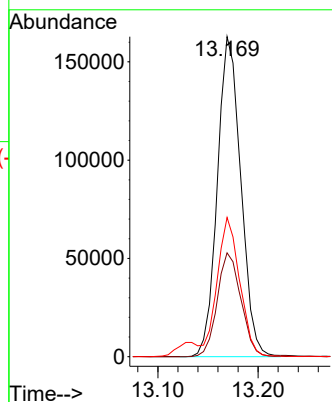
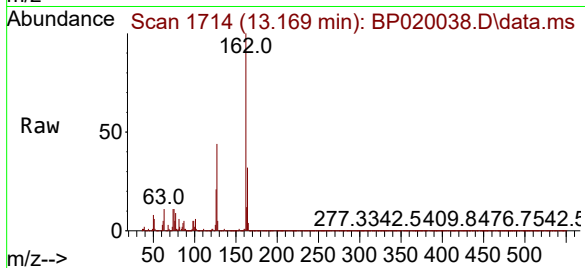




#44
2-Chloronaphthalene
Concen: 20.994 ng/ul
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

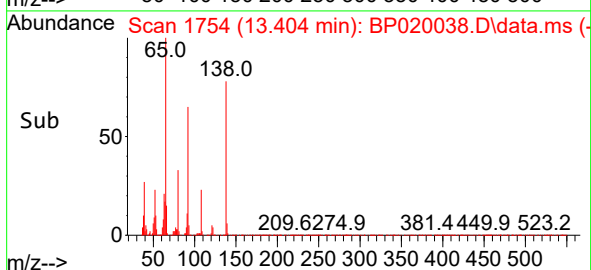
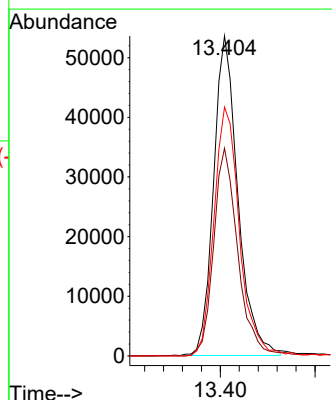
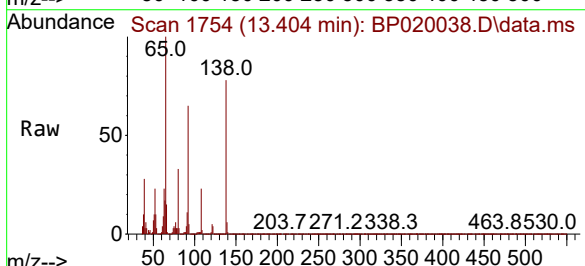
Instrument :
BNA_P
ClientSampleId :
SSTD020770

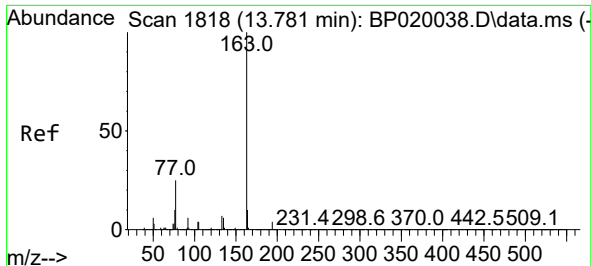
Tgt Ion:162 Resp: 264427
Ion Ratio Lower Upper
162 100
164 32.4 27.0 40.6
127 43.5 33.7 50.5



#45
2-Nitroaniline
Concen: 23.374 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion: 65 Resp: 95648
Ion Ratio Lower Upper
65 100
92 64.9 49.4 74.0
138 77.7 62.2 93.4

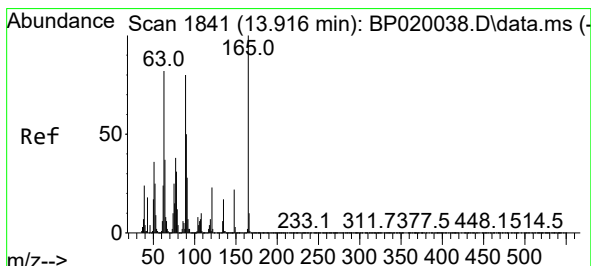
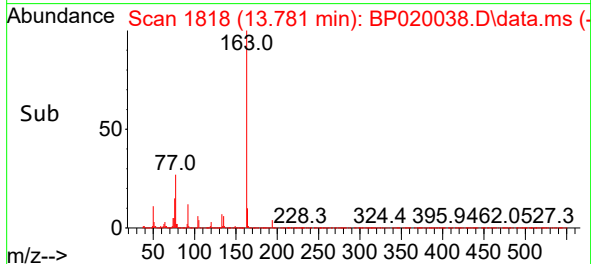
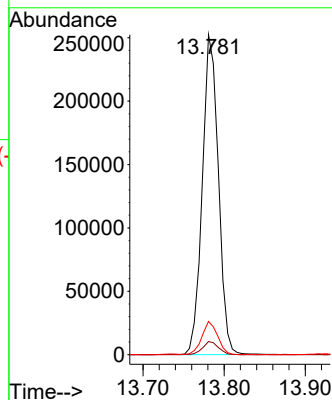
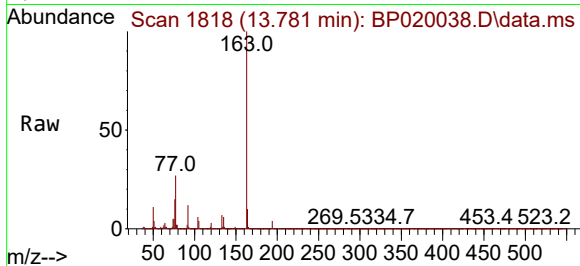




#47
Dimethylphthalate
Concen: 22.488 ng/ul
RT: 13.781 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

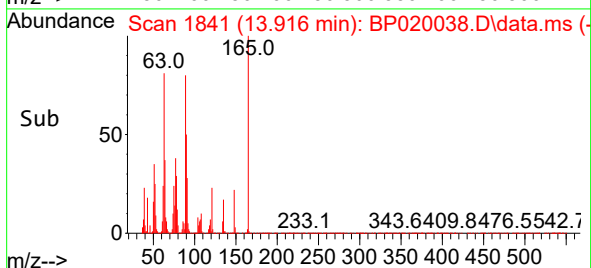
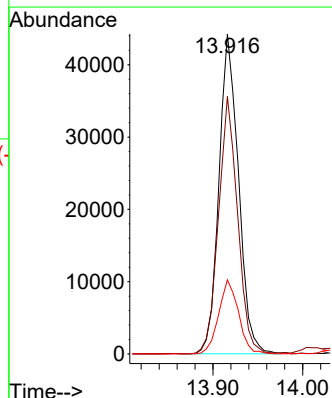
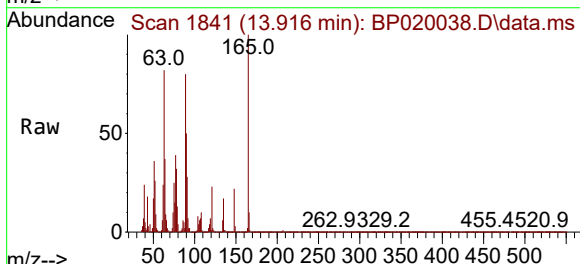
Instrument :
BNA_P
ClientSampleId :
SSTD020770

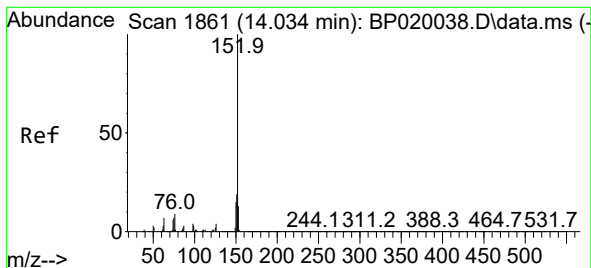
Tgt Ion:163 Resp: 347061
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 22.988 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:165 Resp: 66947
Ion Ratio Lower Upper
165 100
89 80.5 61.0 91.4
121 23.1 18.7 28.1





#50

Acenaphthylene

Concen: 21.596 ng/ul

RT: 14.034 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

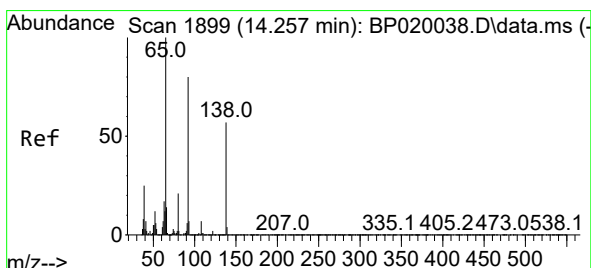
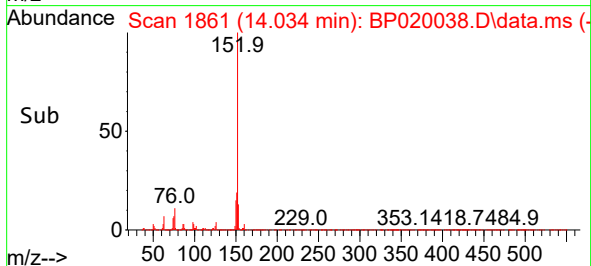
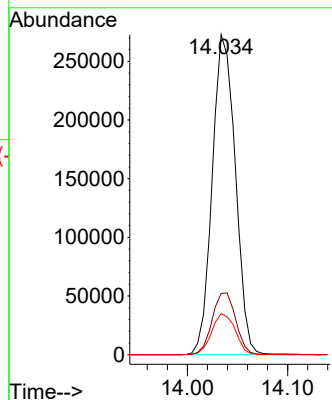
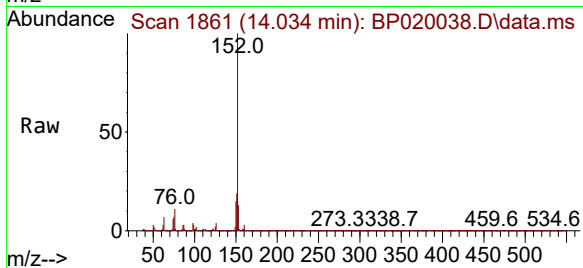
Tgt Ion:152 Resp: 436076

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2

153 12.8 10.6 16.0



#51

3-Nitroaniline

Concen: 24.435 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

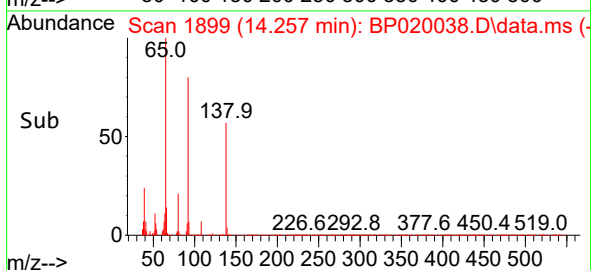
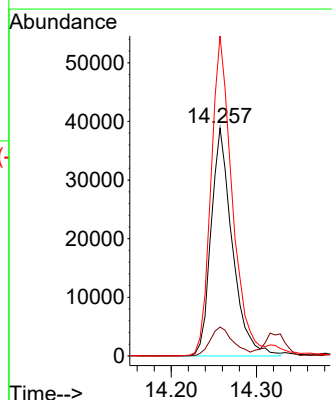
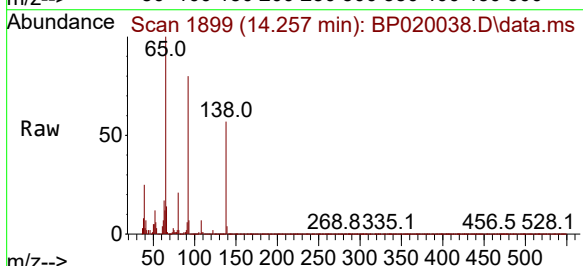
Tgt Ion:138 Resp: 67352

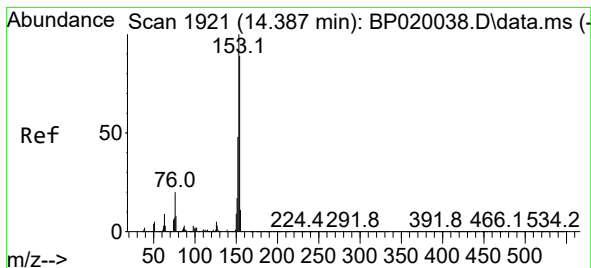
Ion Ratio Lower Upper

138 100

108 12.7 10.4 15.6

92 140.5 108.4 162.6





#52

Acenaphthene

Concen: 21.704 ng/ul

RT: 14.387 min Scan# 1921

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

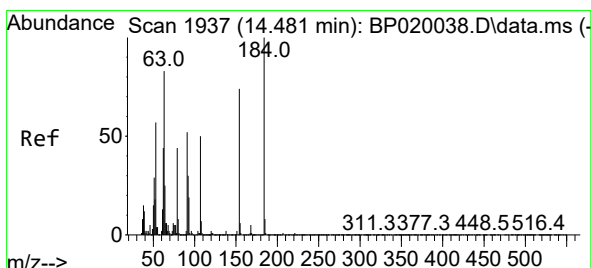
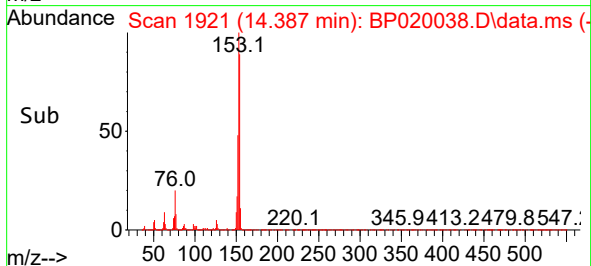
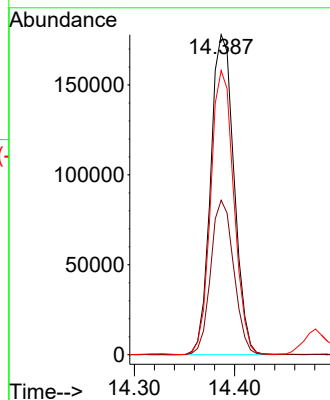
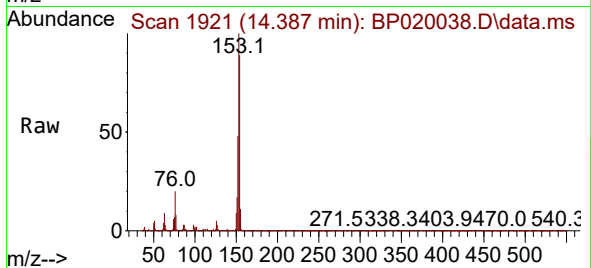
Tgt Ion:153 Resp: 288886

Ion Ratio Lower Upper

153 100

152 48.3 37.9 56.9

154 88.8 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 22.445 ng/ul

RT: 14.481 min Scan# 1937

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

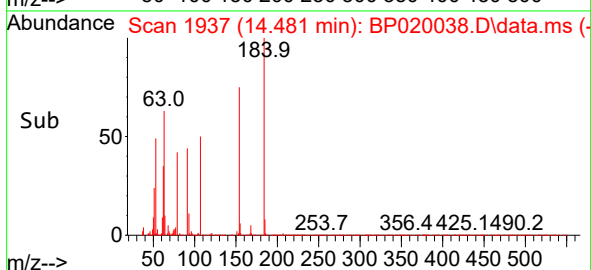
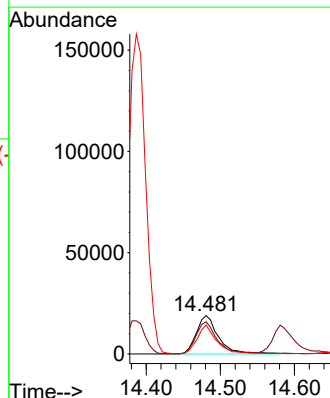
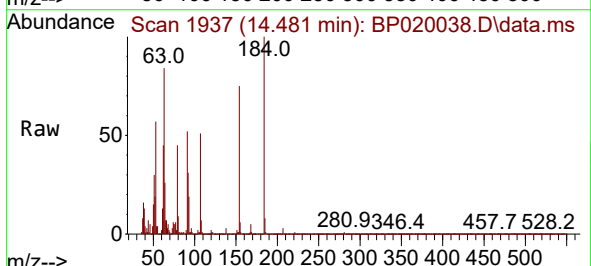
Tgt Ion:184 Resp: 39306

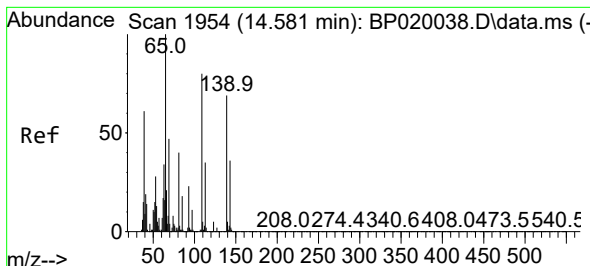
Ion Ratio Lower Upper

184 100

63 83.7 65.0 97.6

154 75.3 55.4 83.2

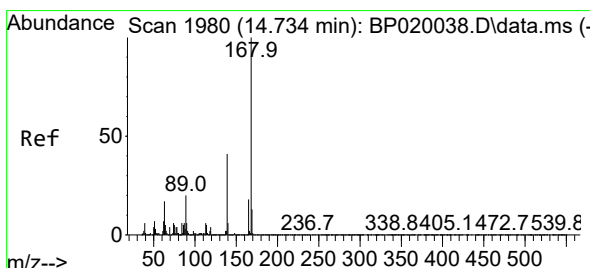
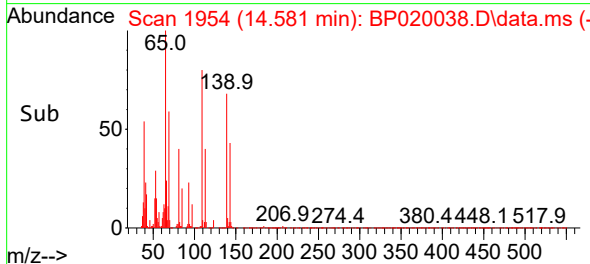
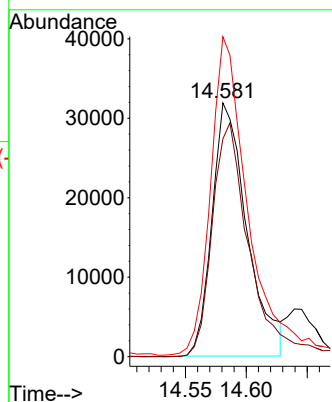
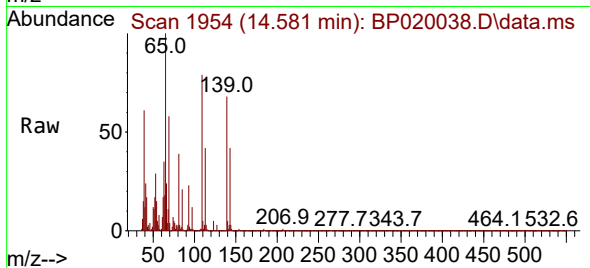




#55
4-Nitrophenol
Concen: 24.462 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

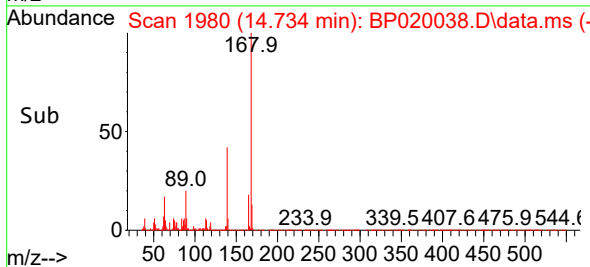
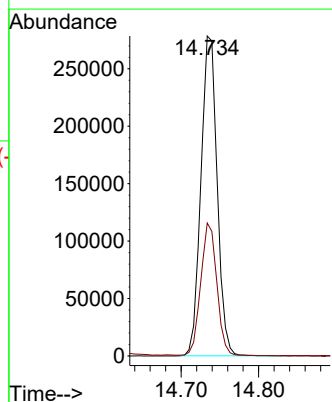
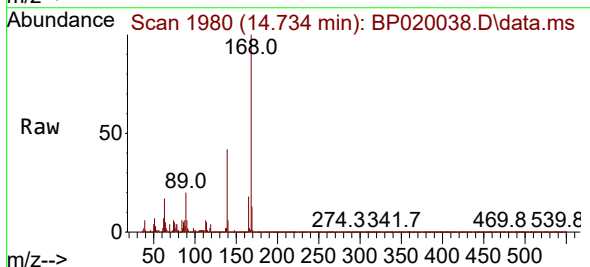
Instrument :
BNA_P
ClientSampleId :
SSTD020770

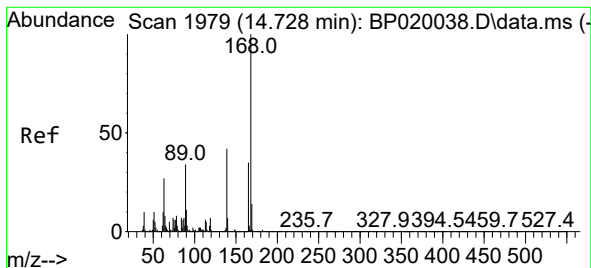
Tgt Ion:109 Resp: 63763
Ion Ratio Lower Upper
109 100
139 85.9 77.9 116.9
65 126.1 100.9 151.3



#56
Dibenzofuran
Concen: 22.052 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:168 Resp: 405246
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0





#57

2,4-Dinitrotoluene

Concen: 25.185 ng/ul

RT: 14.728 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

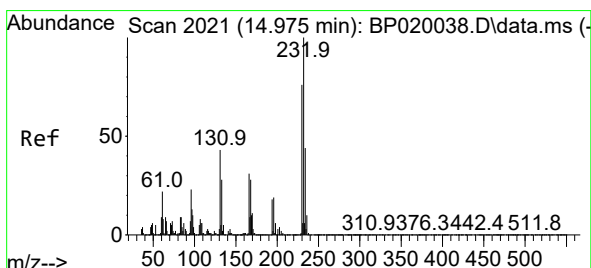
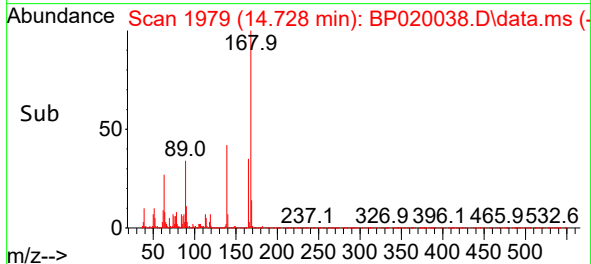
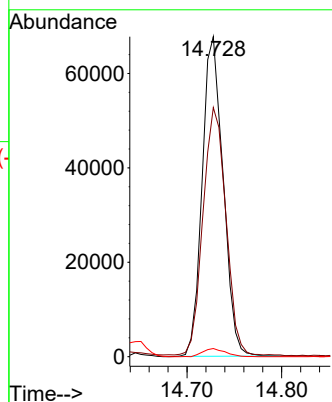
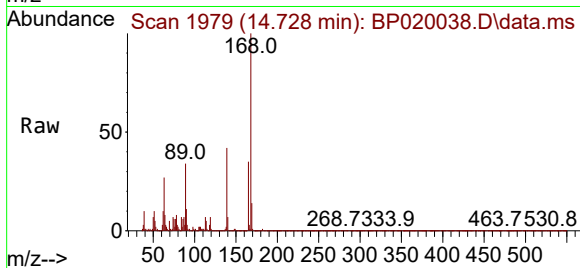
Tgt Ion:165 Resp: 103827

Ion Ratio Lower Upper

165 100

63 77.8 70.2 105.4

182 2.5 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.862 ng/ul

RT: 14.975 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Tgt Ion:232 Resp: 92244

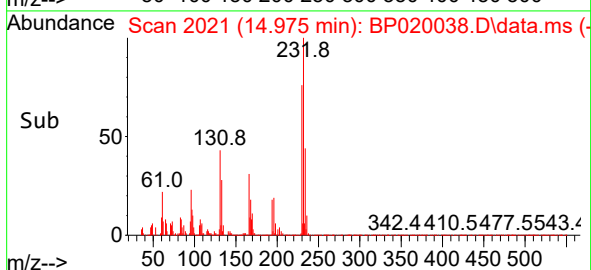
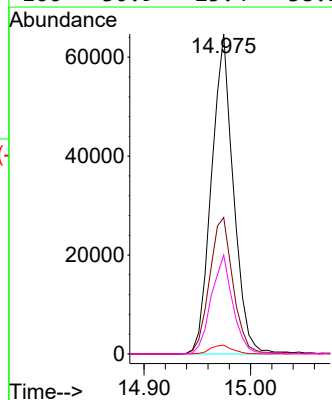
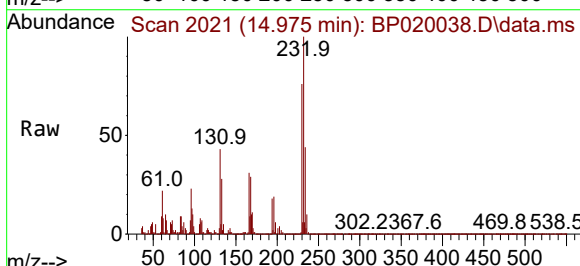
Ion Ratio Lower Upper

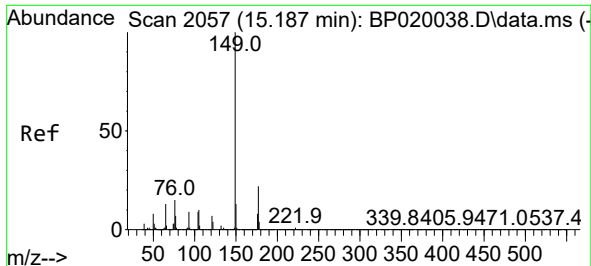
232 100

131 42.7 34.5 51.7

130 2.7 2.4 3.6

166 30.9 25.4 38.2

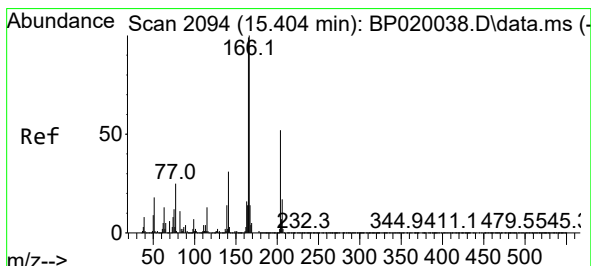
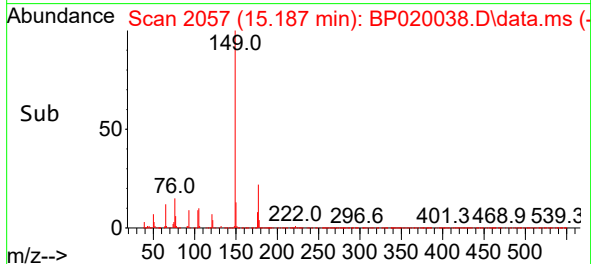
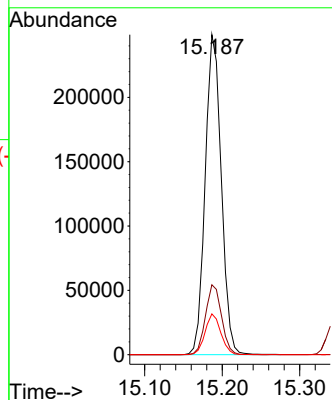
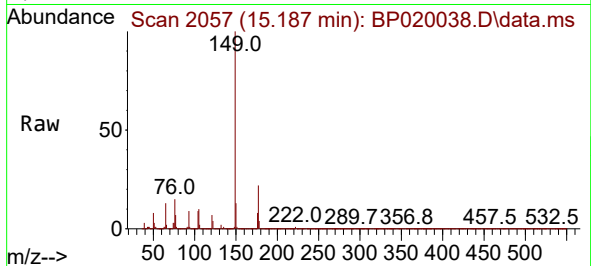




#59
Diethylphthalate
Concen: 23.130 ng/ul
RT: 15.187 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

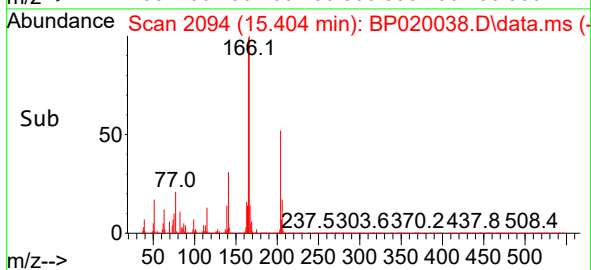
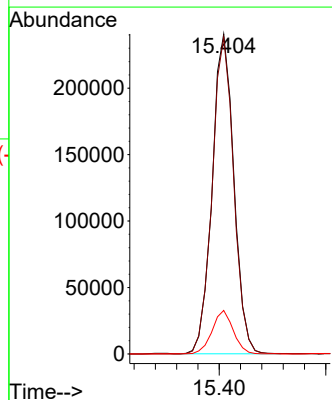
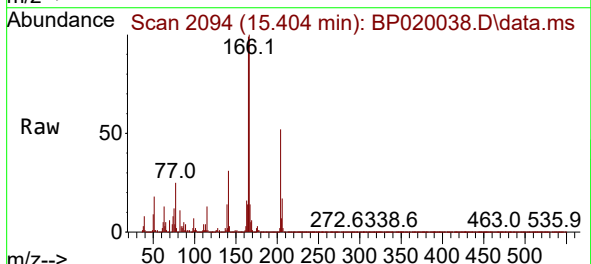
Instrument :
BNA_P
ClientSampleId :
SSTD020770

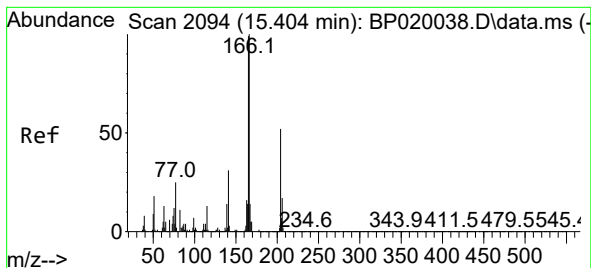
Tgt Ion:149 Resp: 358466
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.7 9.9 14.9



#61
Fluorene
Concen: 22.437 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:166 Resp: 340682
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 13.6 10.9 16.3

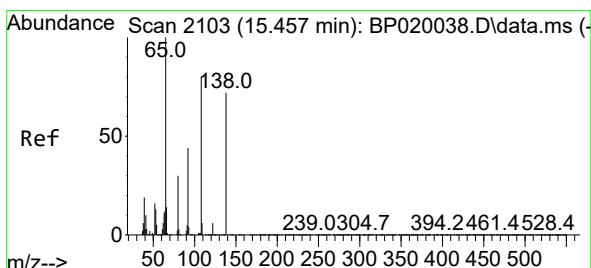
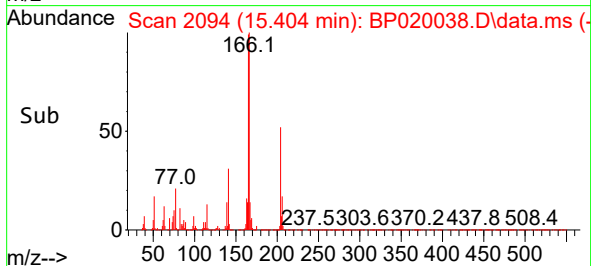
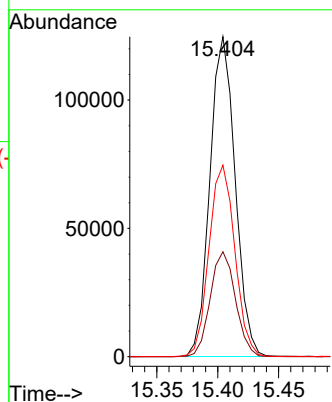
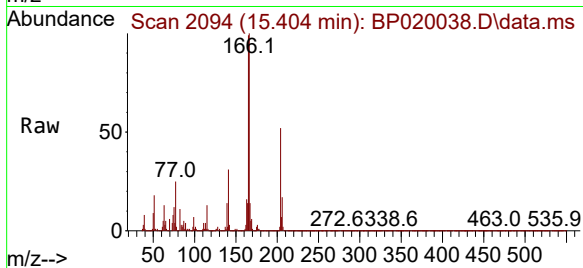




#62
4-Chlorophenyl-phenylether
Concen: 21.840 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

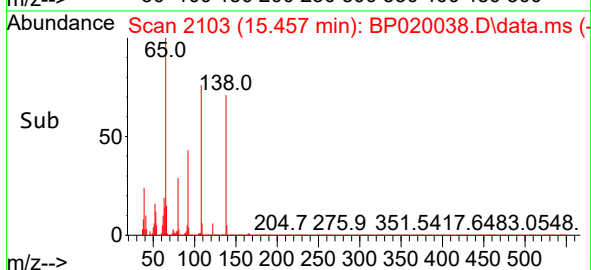
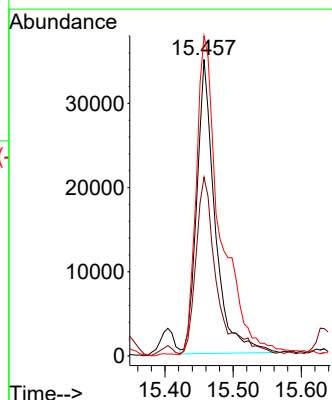
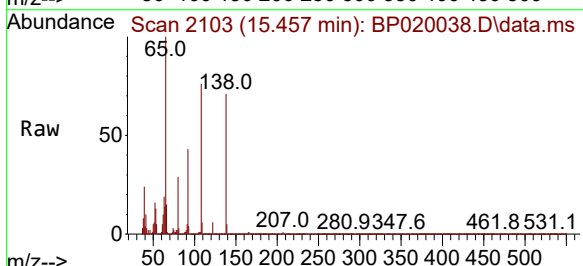
Instrument :
BNA_P
ClientSampleId :
SSTD020770

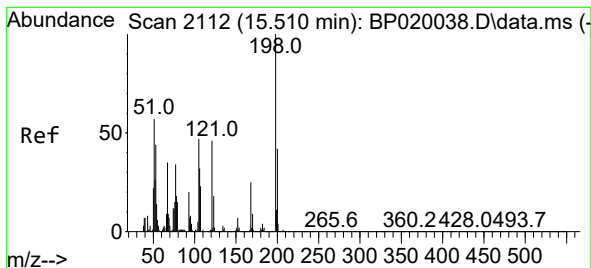
Tgt Ion:204 Resp: 180175
Ion Ratio Lower Upper
204 100
206 32.8 25.1 37.7
141 59.9 49.3 73.9



#63
4-Nitroaniline
Concen: 26.552 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:138 Resp: 64982
Ion Ratio Lower Upper
138 100
92 60.3 55.2 82.8
108 107.9 95.4 143.0

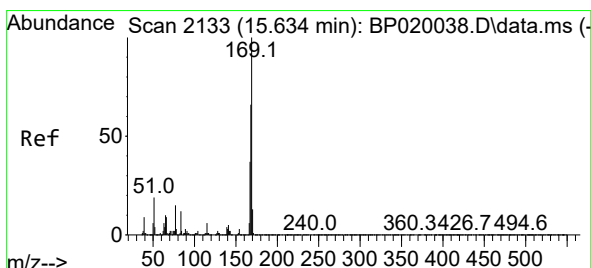
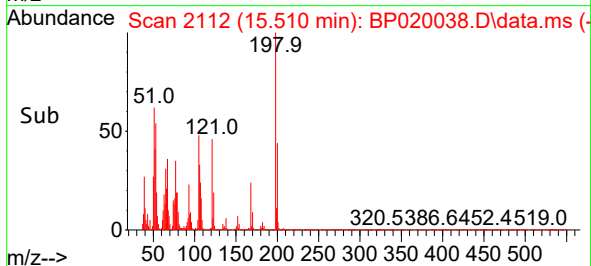
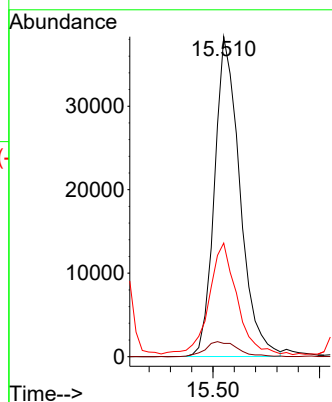
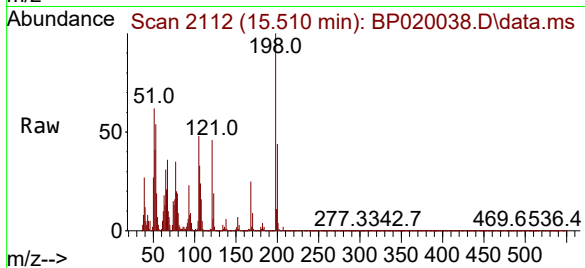




#66
4,6-Dinitro-2-methylphenol
Concen: 20.744 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

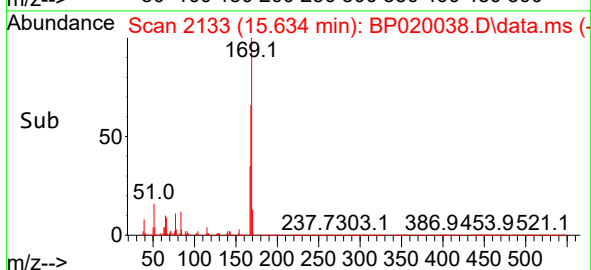
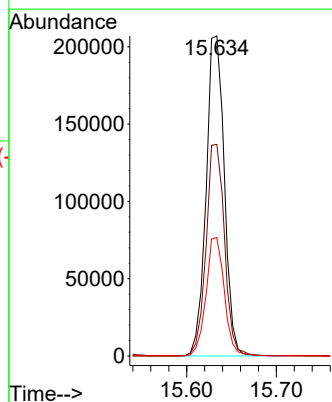
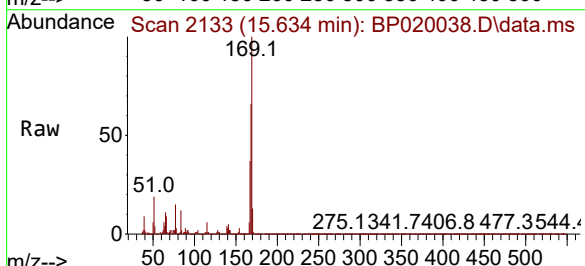
Instrument :
BNA_P
ClientSampleId :
SSTD020770

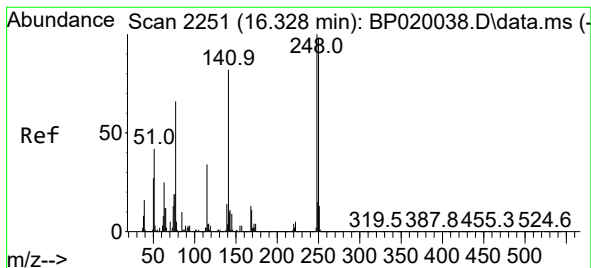
Tgt Ion:198 Resp: 63373
Ion Ratio Lower Upper
198 100
182 4.2 3.0 4.6
77 35.5 25.6 38.4



#67
N-Nitrosodiphenylamine
Concen: 20.957 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:169 Resp: 291672
Ion Ratio Lower Upper
169 100
168 66.1 55.0 82.6
167 37.0 29.5 44.3

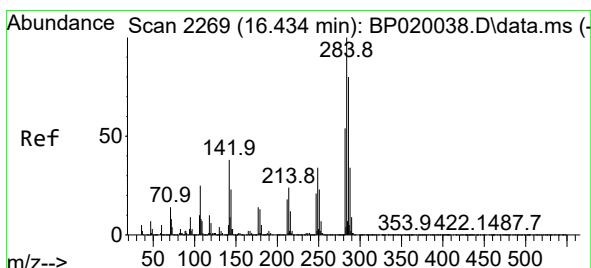
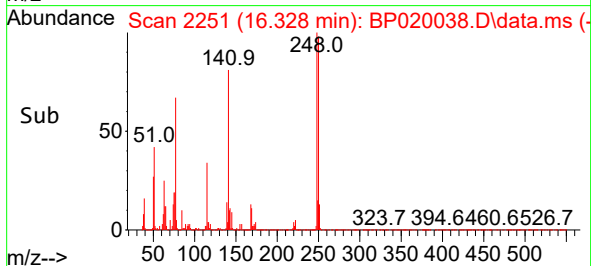
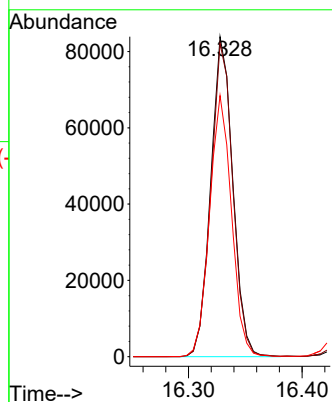
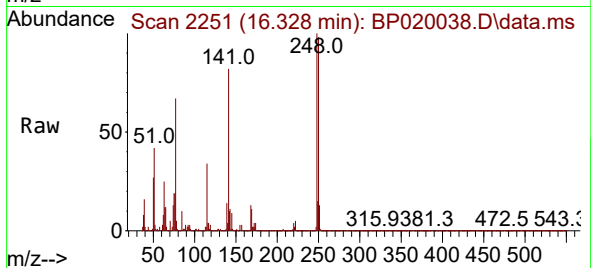




#68
4-Bromophenyl-phenylether
Concen: 20.518 ng/ul
RT: 16.328 min Scan# 2251
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

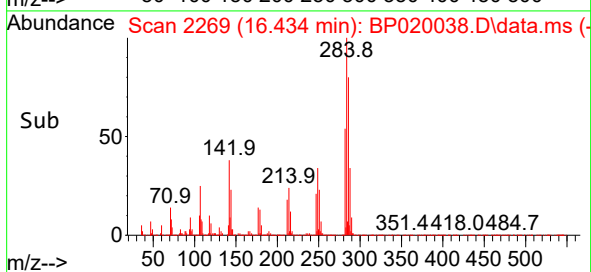
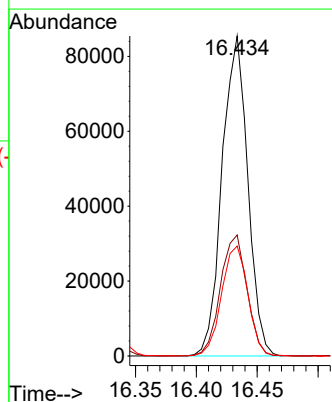
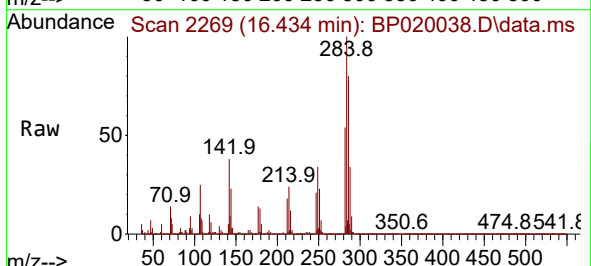
Instrument :
BNA_P
ClientSampleId :
SSTD020770

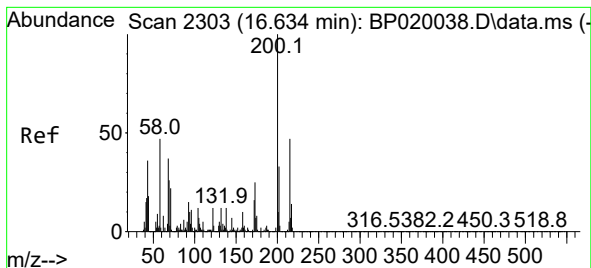
Tgt Ion:248 Resp: 113219
Ion Ratio Lower Upper
248 100
250 97.9 79.2 118.8
141 81.6 65.1 97.7



#69
Hexachlorobenzene
Concen: 20.985 ng/ul
RT: 16.434 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:284 Resp: 125348
Ion Ratio Lower Upper
284 100
142 37.8 30.6 45.8
249 34.4 26.9 40.3





#70

Atrazine

Concen: 22.518 ng/ul

RT: 16.634 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

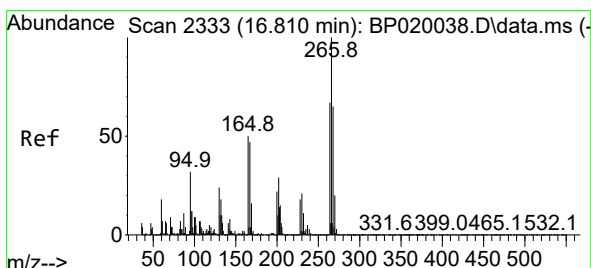
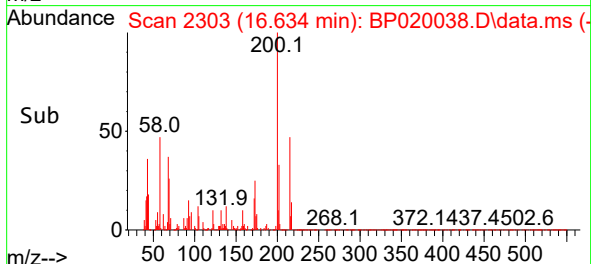
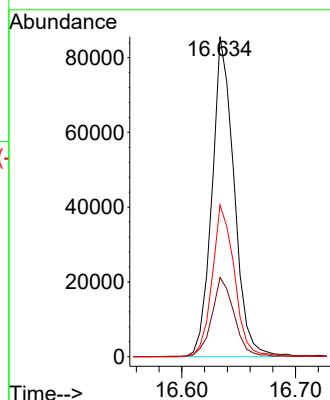
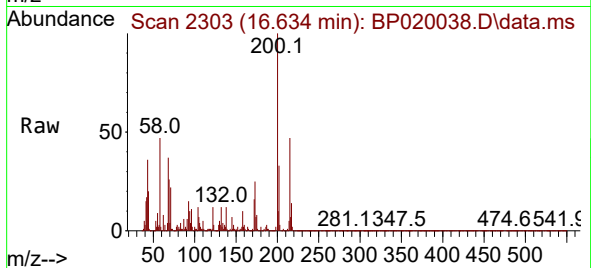
Tgt Ion:200 Resp: 115082

Ion Ratio Lower Upper

200 100

173 24.8 19.3 28.9

215 47.4 36.6 54.8



#71

Pentachlorophenol

Concen: 20.240 ng/ul

RT: 16.810 min Scan# 2333

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

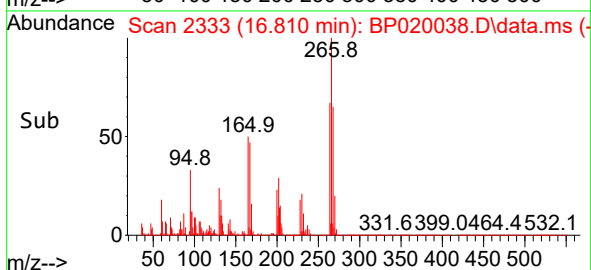
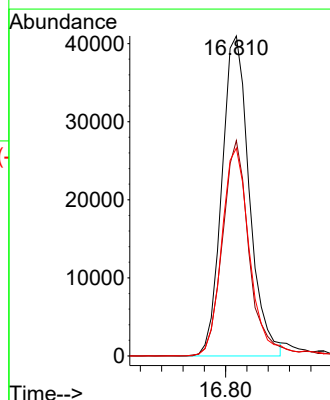
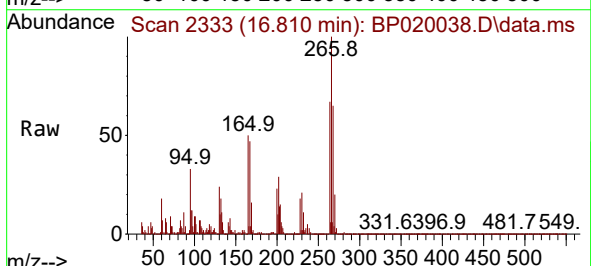
Tgt Ion:266 Resp: 73277

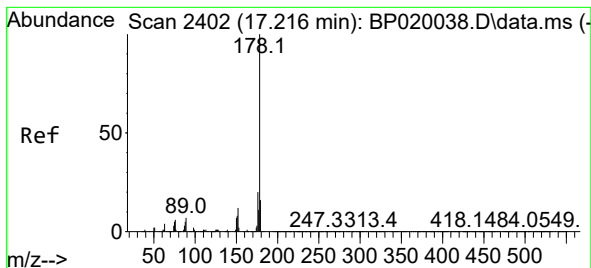
Ion Ratio Lower Upper

266 100

264 67.3 50.6 75.8

268 65.0 50.3 75.5





#72

Phenanthrene

Concen: 21.824 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. 0.018 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

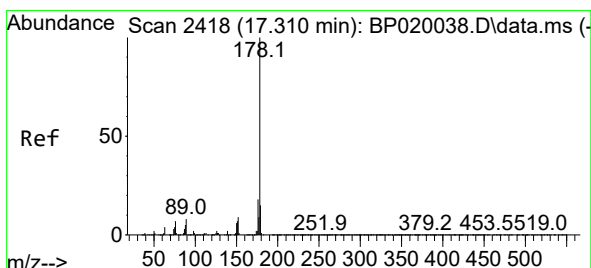
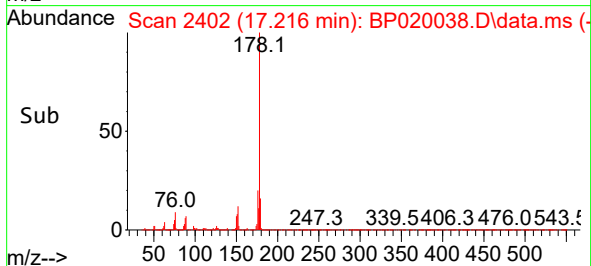
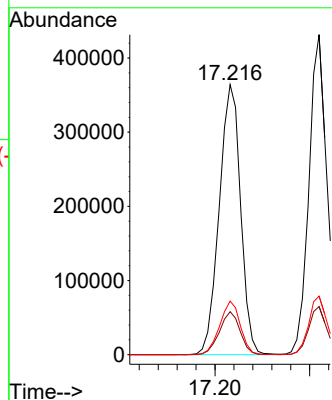
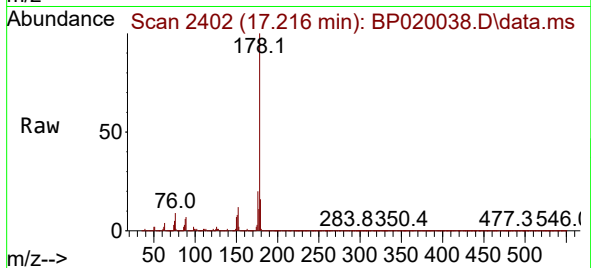
Tgt Ion:178 Resp: 570140

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 19.8 15.5 23.3



#74

Anthracene

Concen: 21.680 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

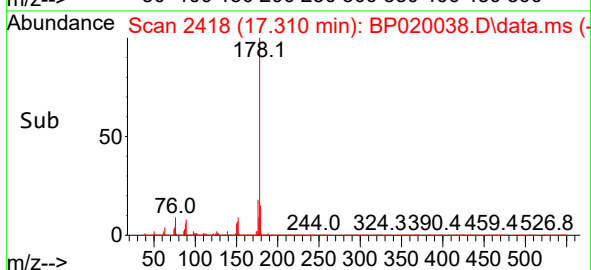
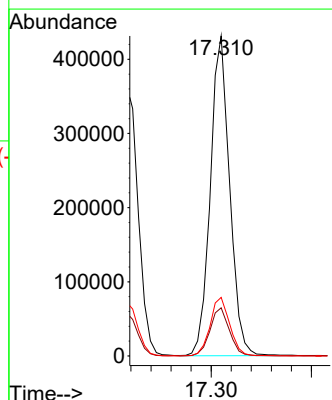
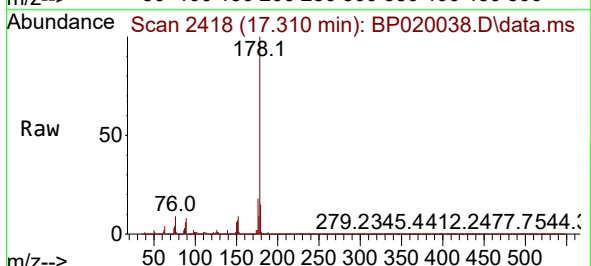
Tgt Ion:178 Resp: 577664

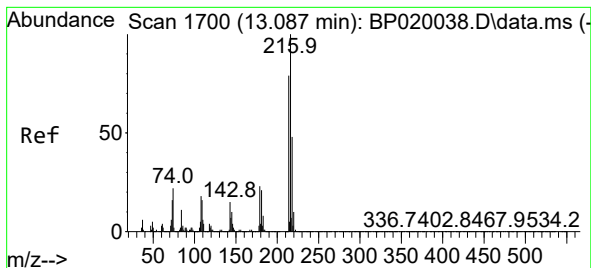
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

176 18.3 14.6 21.8

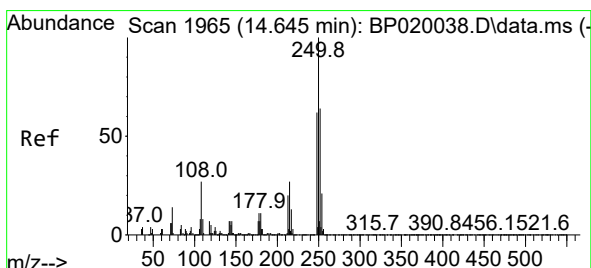
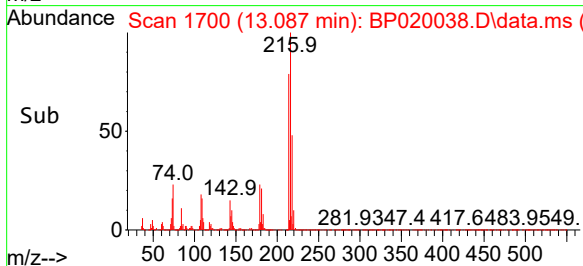
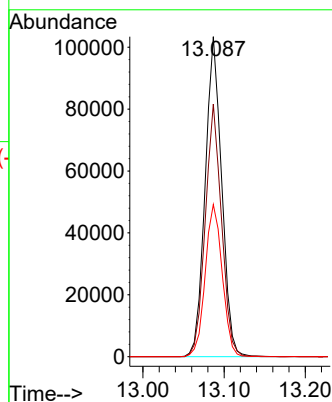
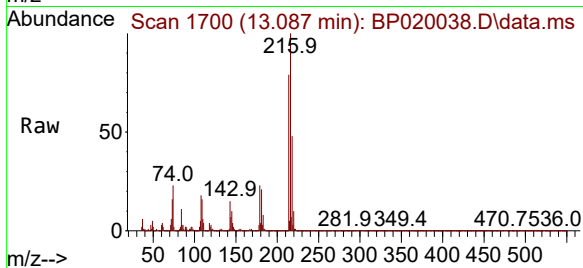




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.311 ng/uL
RT: 13.087 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

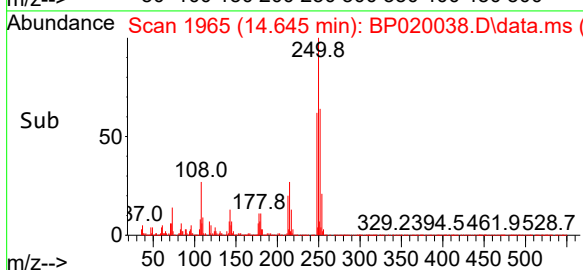
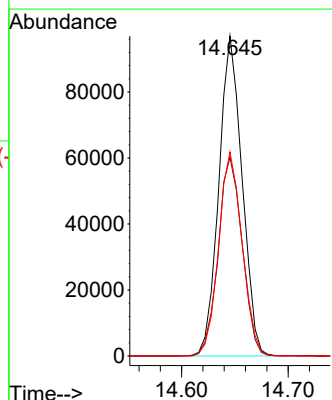
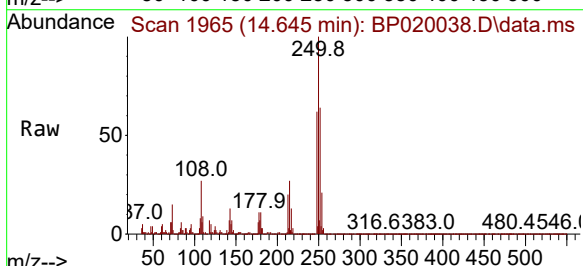
Instrument :
BNA_P
ClientSampleId :
SSTD020770

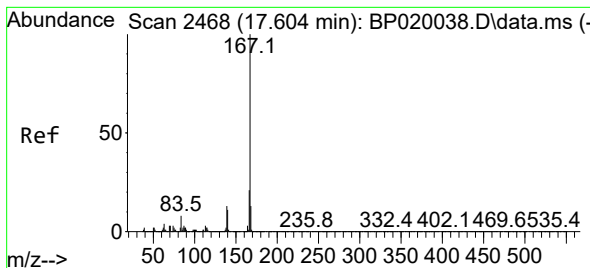
Tgt Ion:216 Resp: 146062
Ion Ratio Lower Upper
216 100
214 78.9 59.3 88.9
218 47.5 37.8 56.8



#76
Pentachlorobenzene
Concen: 19.538 ng/uL
RT: 14.645 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP020038.D
Acq: 20 Apr 2024 10:39

Tgt Ion:250 Resp: 146659
Ion Ratio Lower Upper
250 100
248 62.1 51.2 76.8
252 63.8 50.9 76.3





#77

Carbazole

Concen: 22.919 ng/ul

RT: 17.604 min Scan# 2468

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

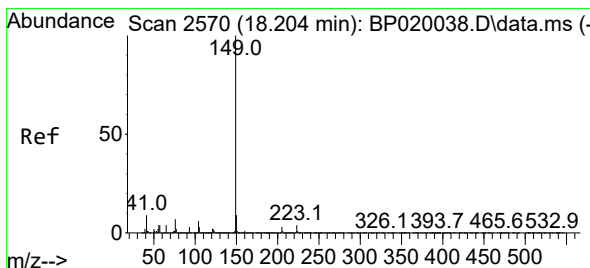
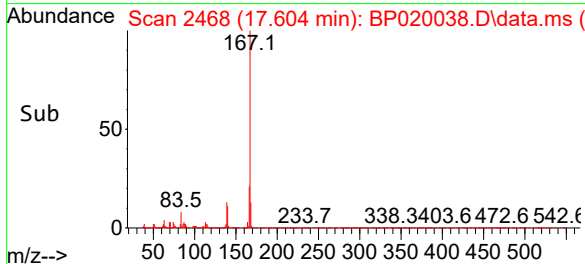
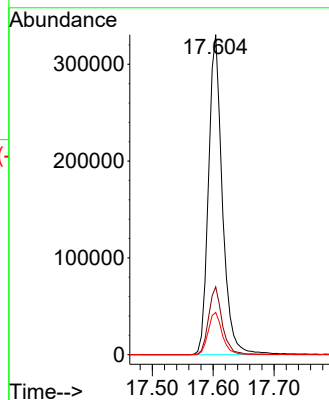
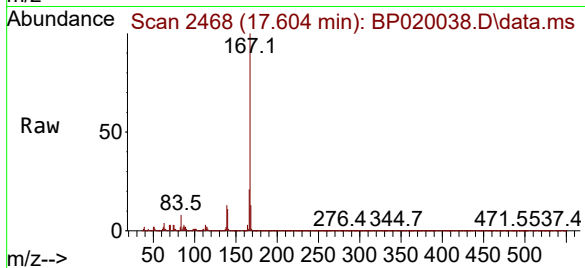
Tgt Ion:167 Resp: 523276

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.2

139 13.2 10.9 16.3



#78

Di-n-butylphthalate

Concen: 23.195 ng/ul

RT: 18.204 min Scan# 2570

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

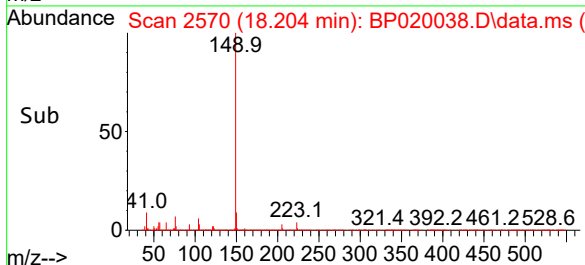
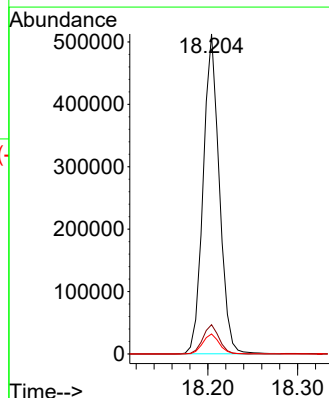
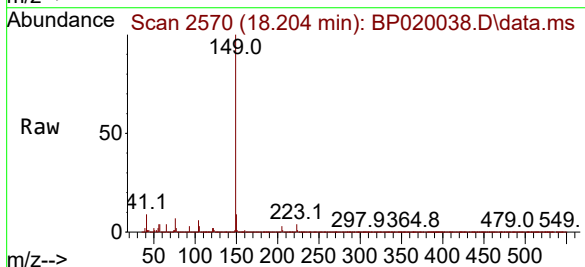
Tgt Ion:149 Resp: 638925

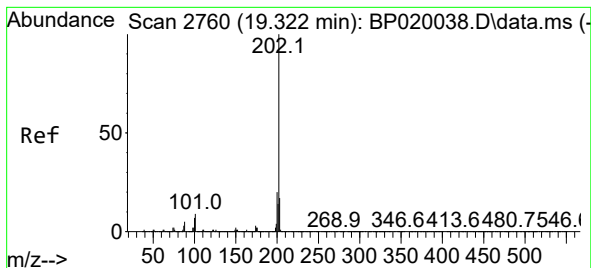
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.3 5.3 7.9





#80

Fluoranthene

Concen: 21.423 ng/ul

RT: 19.322 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

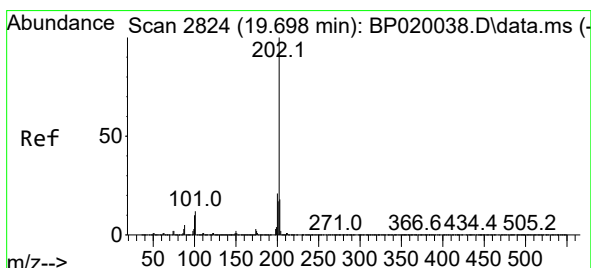
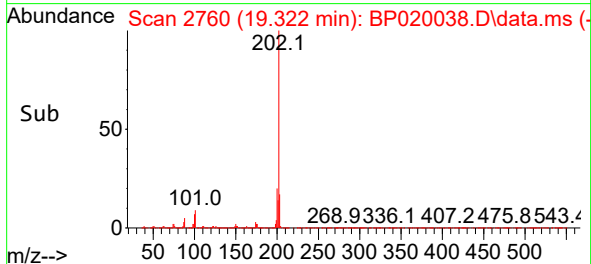
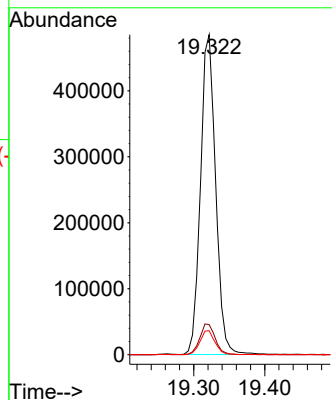
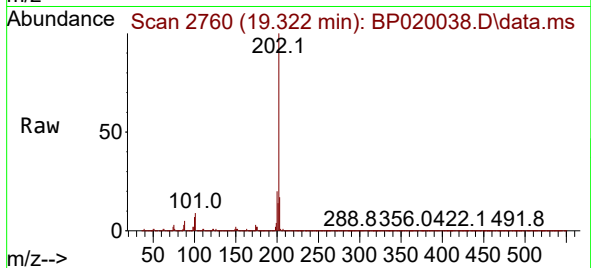
Tgt Ion:202 Resp: 720902

Ion Ratio Lower Upper

202 100

101 9.4 7.7 11.5

100 7.5 5.7 8.5



#82

Pyrene

Concen: 21.543 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

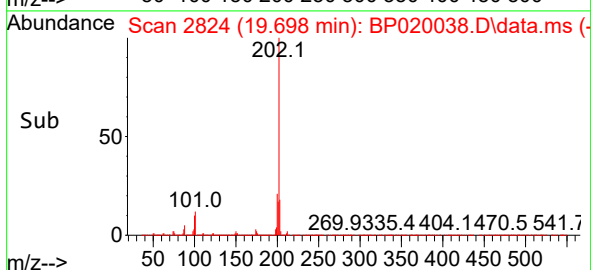
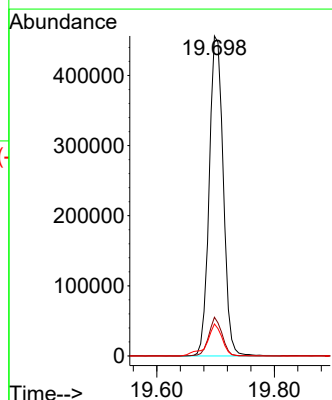
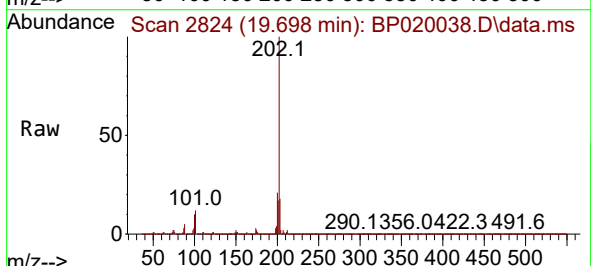
Tgt Ion:202 Resp: 754210

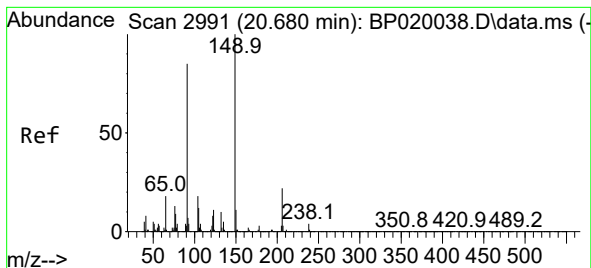
Ion Ratio Lower Upper

202 100

101 12.1 9.3 13.9

100 10.0 7.6 11.4





#83

Butylbenzylphthalate

Concen: 22.527 ng/ul

RT: 20.680 min Scan# 2991

Delta R.T. 0.006 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

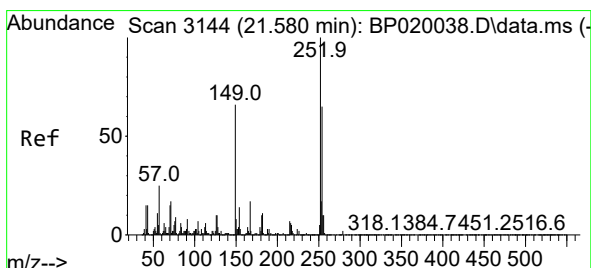
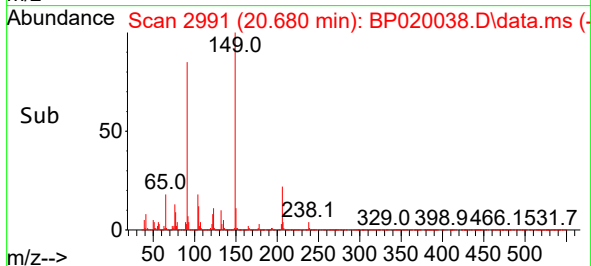
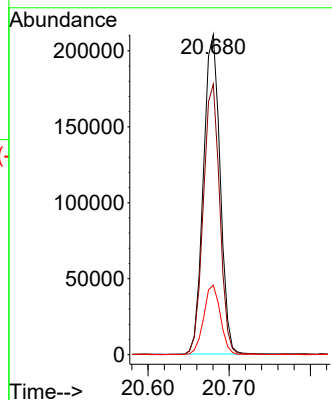
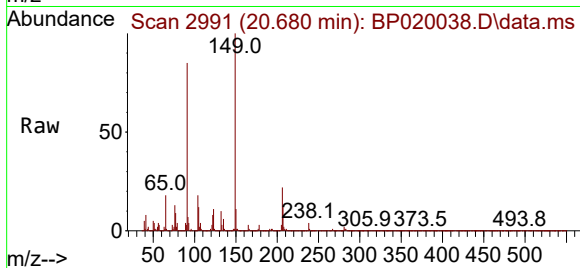
Tgt Ion:149 Resp: 300705

Ion Ratio Lower Upper

149 100

91 84.6 69.6 104.4

206 21.8 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 22.402 ng/ul

RT: 21.580 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

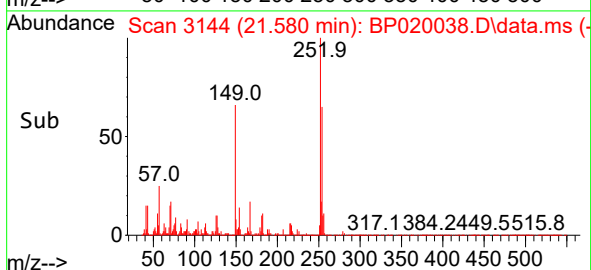
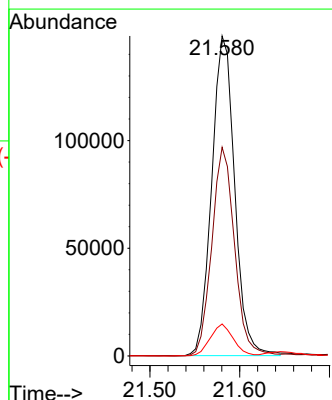
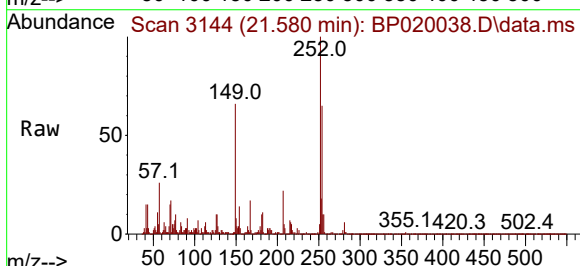
Tgt Ion:252 Resp: 263829

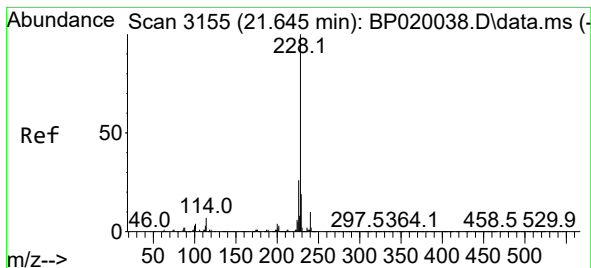
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 10.0 7.9 11.9





#85

Benzo(a)anthracene

Concen: 21.857 ng/ul

RT: 21.645 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

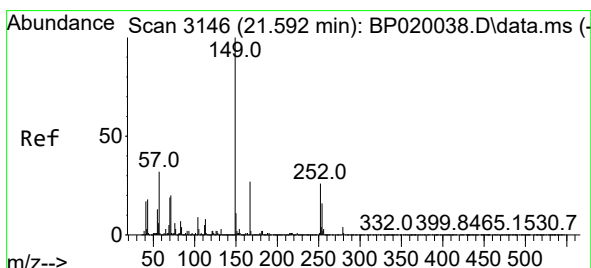
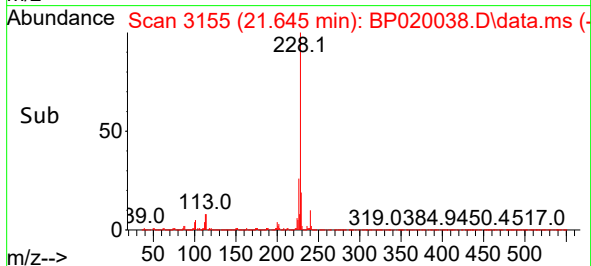
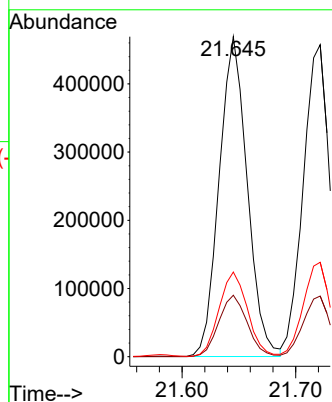
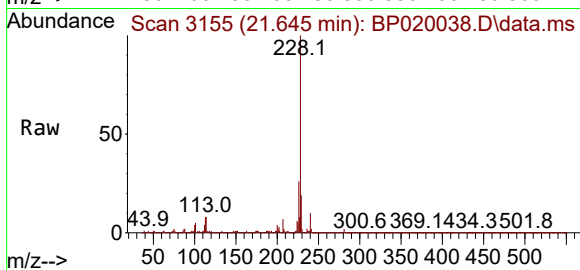
Tgt Ion:228 Resp: 805203

Ion Ratio Lower Upper

228 100

229 19.2 15.7 23.5

226 26.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.092 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

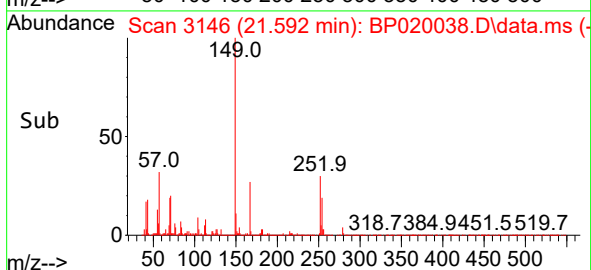
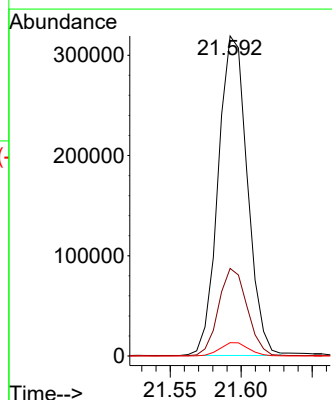
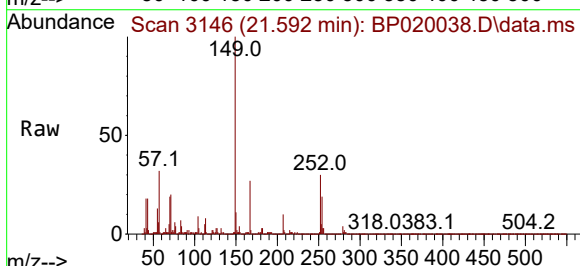
Tgt Ion:149 Resp: 454617

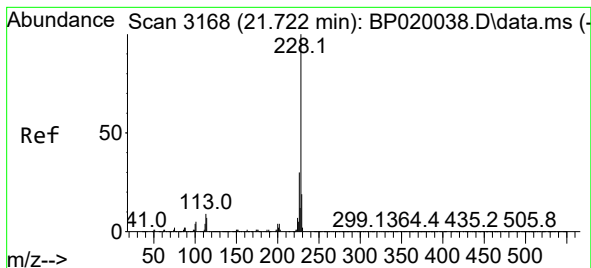
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 4.2 3.2 4.8





#87

Chrysene

Concen: 21.601 ng/ul

RT: 21.722 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

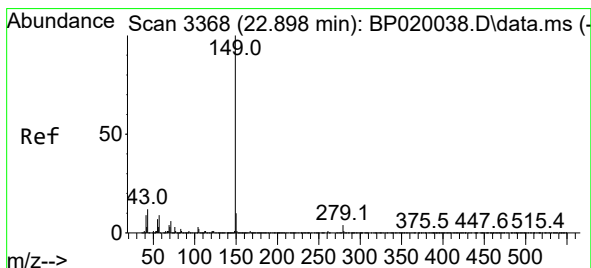
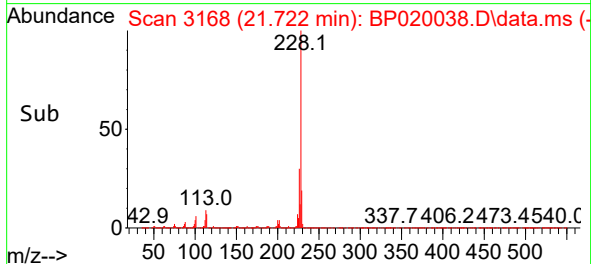
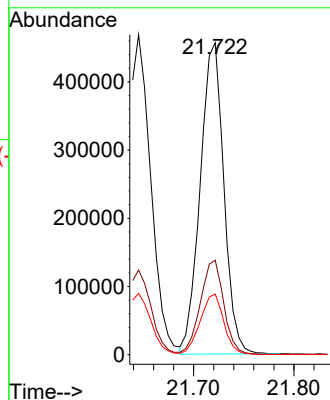
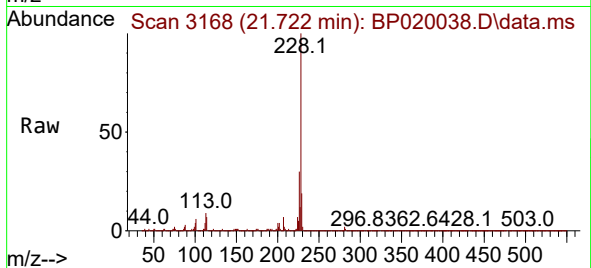
Tgt Ion:228 Resp: 749428

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.4 15.4 23.2



#89

Di-n-octyl phthalate

Concen: 21.004 ng/ul

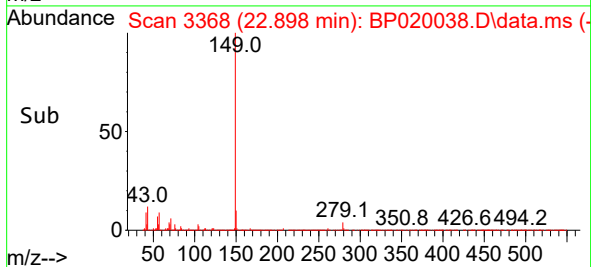
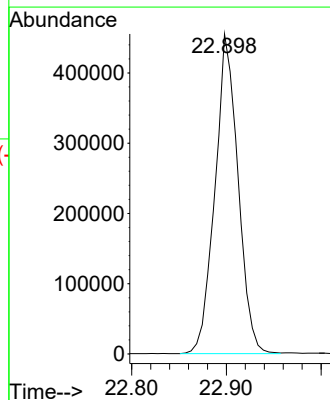
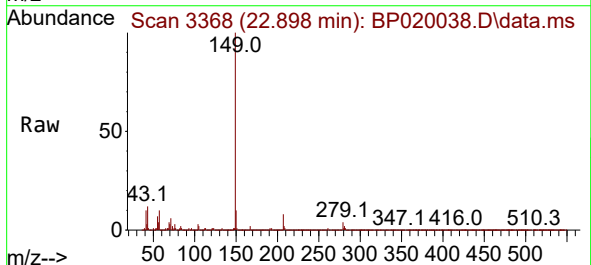
RT: 22.898 min Scan# 3368

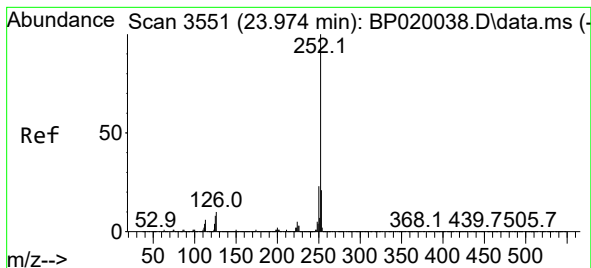
Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Tgt Ion:149 Resp: 769357





#90

Benzo(b)fluoranthene

Concen: 21.758 ng/ul

RT: 23.974 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

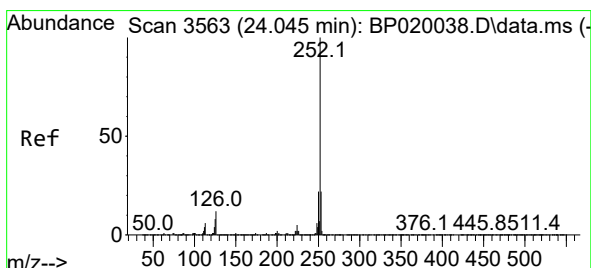
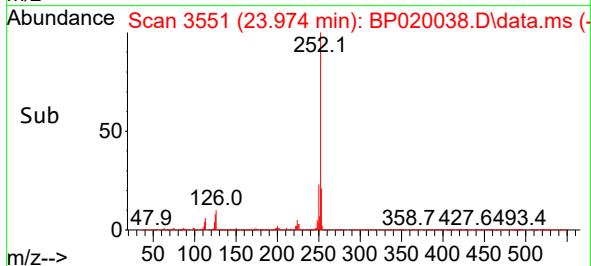
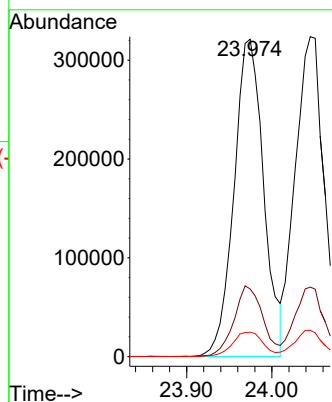
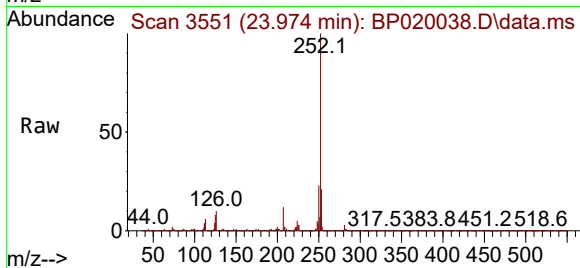
Tgt Ion:252 Resp: 777178

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 7.7 5.8 8.6



#91

Benzo(k)fluoranthene

Concen: 21.086 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

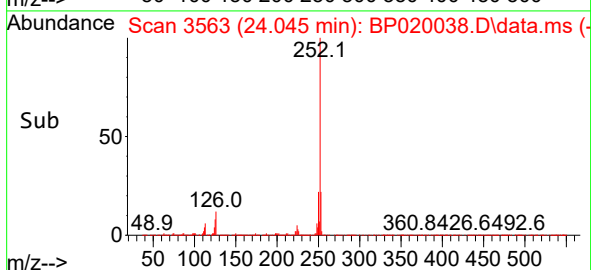
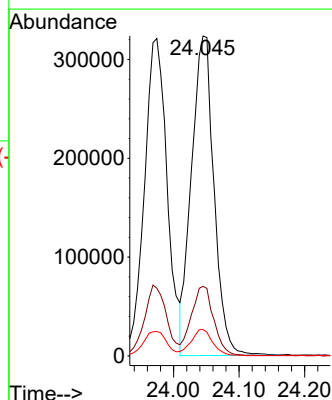
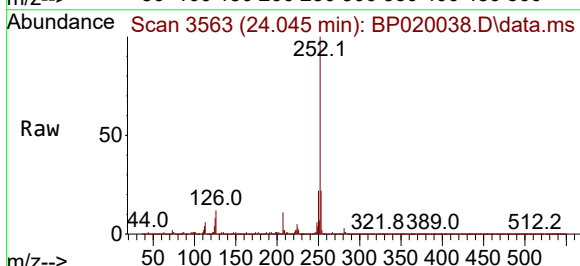
Tgt Ion:252 Resp: 772137

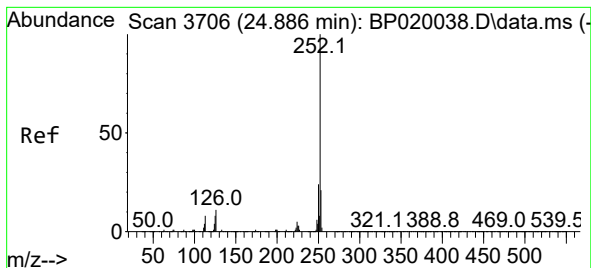
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 5.9 8.9





#93

Benzo(a)pyrene

Concen: 21.138 ng/ul

RT: 24.886 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

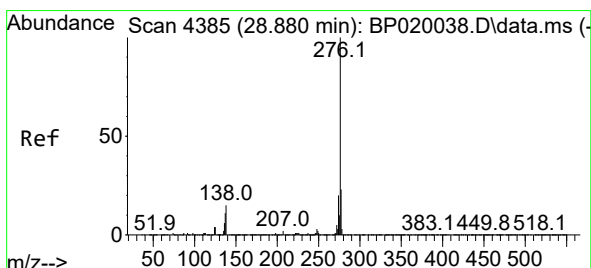
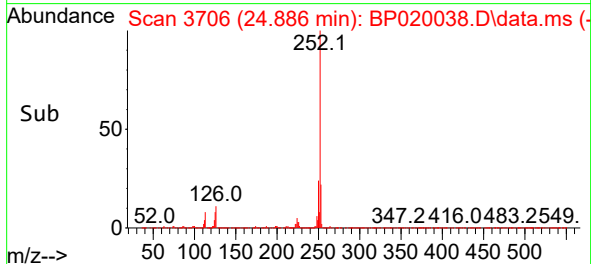
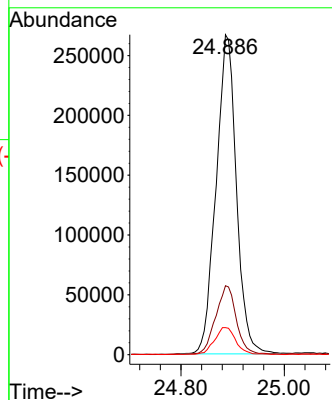
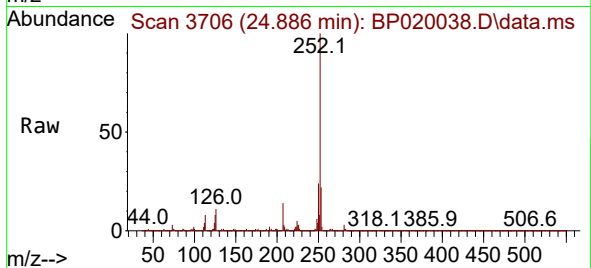
Tgt Ion:252 Resp: 727562

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.5 7.0 10.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.340 ng/ul

RT: 28.880 min Scan# 4385

Delta R.T. -0.024 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

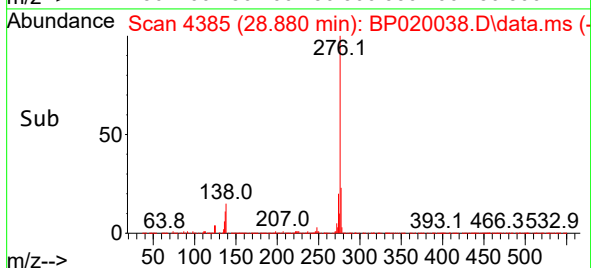
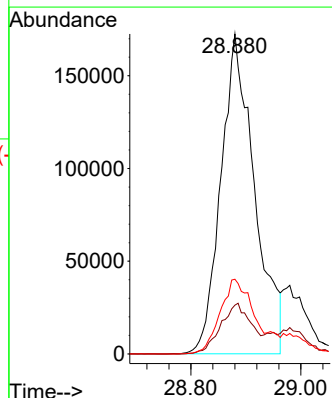
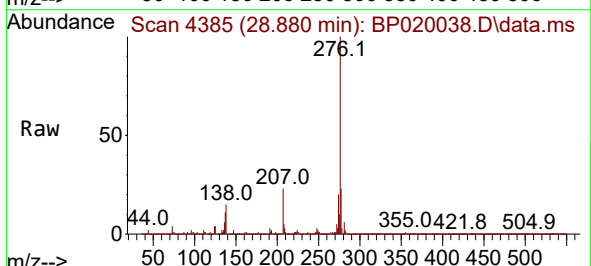
Tgt Ion:276 Resp: 731990

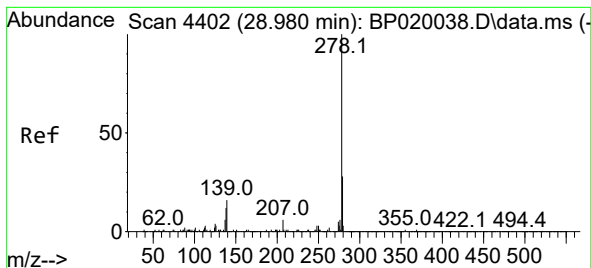
Ion Ratio Lower Upper

276 100

138 15.2 11.7 17.5

277 23.4 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 14.331 ng/ul

RT: 28.980 min Scan# 4402

Delta R.T. -0.018 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Instrument :

BNA_P

ClientSampleId :

SSTD020770

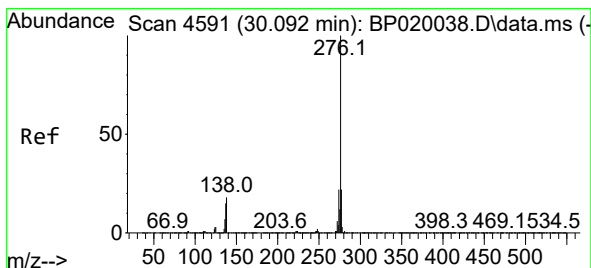
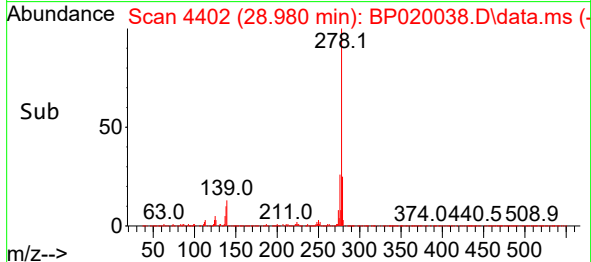
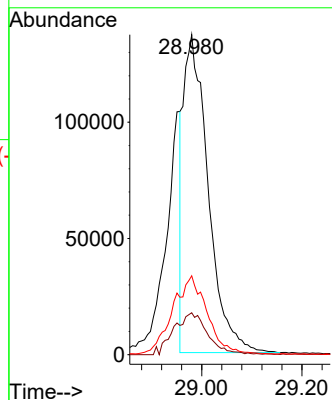
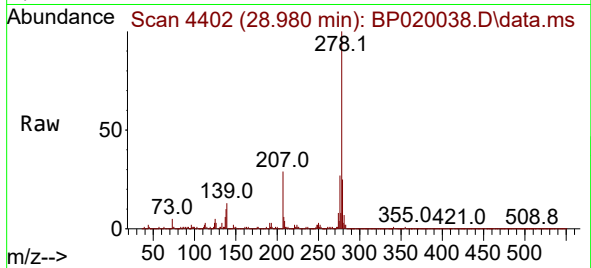
Tgt Ion:278 Resp: 466034

Ion Ratio Lower Upper

278 100

139 13.1 9.4 14.2

279 24.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 7.431 ng/ul

RT: 30.062 min Scan# 4586

Delta R.T. -0.035 min

Lab File: BP020038.D

Acq: 20 Apr 2024 10:39

Tgt Ion:276 Resp: 237239

Ion Ratio Lower Upper

276 100

138 17.2 13.5 20.3

277 24.2 19.4 29.2

