

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014471.D
 Acq On : 01 Apr 2023 07:10
 Operator : CG/JU
 Sample : PB151754BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS754

Quant Time: Apr 03 00:42:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	154589	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	706789	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	483252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1070914	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	900726	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	807729	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	21031	5.276	ng/uL	0.00
4) Pyridine-d5	3.822	84	199799	19.558	ng/u1	0.00
7) Phenol-d5	7.187	99	488201	34.243	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	294676	32.214	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	350101	33.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	398959	34.692	ng/u1	0.01
21) Nitrobenzene-d5	9.187	128	179467	31.453	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	217616	33.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	400723	33.678	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	85168	5.434	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1258357	32.115	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1376260	31.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	185333	31.309	ng/u1	0.02
60) Fluorene-d10	15.663	176	1046581	32.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	231654	29.398	ng/u1	0.00
73) Anthracene-d10	17.528	188	1658840	32.007	ng/u1	0.00
81) Pyrene-d10	19.757	212	1919139	31.721	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1388973	32.366	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	48100	10.980	ng/uL	98
5) Pyridine	3.840	79	284792	26.640	ng/u1	98
6) Benzaldehyde	7.152	77	268111	37.834	ng/u1	98
8) Phenol	7.210	94	490171	33.143	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.434	93	370508	31.174	ng/u1	98
12) 2-Chlorophenol	7.575	128	347527	32.403	ng/u1	96
13) 2-Methylphenol	8.469	108	364160	33.017	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	498920	31.972	ng/u1	98
16) Acetophenone	8.852	105	613451	32.304	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.828	70	338570	33.002	ng/u1	96
18) 4-Methylphenol	8.805	108	402116	33.197	ng/u1	96
19) Hexachloroethane	9.093	117	150224	32.057	ng/u1	95
22) Nitrobenzene	9.234	77	494005	30.138	ng/u1	98
23) Isophorone	9.763	82	943835	31.237	ng/u1	100
25) 2-Nitrophenol	9.946	139	216404	31.380	ng/u1	97
26) 2,4-Dimethylphenol	10.010	107	469314	30.405	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.240	93	549299	30.322	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	378466	32.320	ng/u1	97
30) Naphthalene	10.887	128	1175576	29.860	ng/u1	99
32) 4-Chloroaniline	11.010	127	296214	18.660	ng/u1	99
33) Hexachlorobutadiene	11.157	225	274383	29.576	ng/u1	98
34) Caprolactam	11.816	113	90462	26.150	ng/u1	93
35) 4-Chloro-3-methylphenol	12.140	107	465793	32.340	ng/u1	99
36) 2-Methylnaphthalene	12.493	142	819337	30.709	ng/u1	99

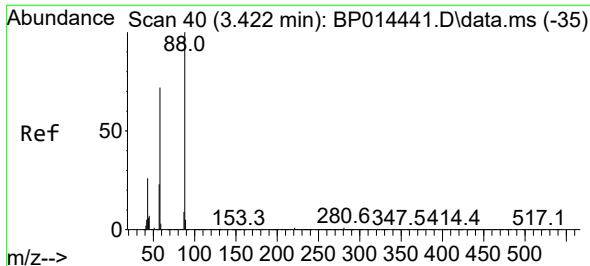
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	839868	31.740	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.857	216	506172	29.378	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	267558	23.979	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	330430	30.992	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	359987	31.715	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	1147815	29.399	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	905947	29.347	ng/ul	98
45) 2-Nitroaniline	13.763	65	323880	33.878	ng/ul	99
47) Dimethylphthalate	14.122	163	1204701	30.750	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	257232	33.607	ng/ul	99
50) Acenaphthylene	14.392	152	1419537	30.657	ng/ul	100
51) 3-Nitroaniline	14.592	138	244851	35.707	ng/ul	100
52) Acenaphthene	14.728	153	976712	29.851	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	129377	26.102	ng/ul	97
55) 4-Nitrophenol	14.916	109	174883	29.935	ng/ul	95
56) Dibenzofuran	15.069	168	1392420	30.272	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	370294	34.106	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.298	232	321008	31.466	ng/ul	99
59) Diethylphthalate	15.481	149	1245606	31.995	ng/ul	98
61) Fluorene	15.716	166	1145649	30.729	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	615665	30.737	ng/ul	96
63) 4-Nitroaniline	15.763	138	238145	42.743	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.810	198	213334	27.936	ng/ul	97
67) N-Nitrosodiphenylamine	15.928	169	984360	29.543	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	398487	29.903	ng/ul	96
69) Hexachlorobenzene	16.728	284	459258	30.003	ng/ul	98
70) Atrazine	16.886	200	156840	12.931	ng/ul	98
71) Pentachlorophenol	17.081	266	237699	26.805	ng/ul	97
72) Phenanthrene	17.475	178	1828839	30.696	ng/ul	99
74) Anthracene	17.563	178	1861594	31.002	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	508524	26.976	ng/ul	98
76) Pentachlorobenzene	14.981	250	533517	28.364	ng/ul	98
77) Carbazole	17.839	167	1644195	32.719	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2224972	35.213	ng/ul	99
80) Fluoranthene	19.433	202	2184906	30.543	ng/ul	100
82) Pyrene	19.786	202	2220093	29.726	ng/ul	100
83) Butylbenzylphthalate	20.645	149	983718	38.239	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	619971	31.122	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2011313	31.511	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1450899	41.244	ng/ul	99
87) Chrysene	21.557	228	1876945	31.143	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2265270	43.216	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1749731	32.074	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1698705	32.061	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1479847	31.515	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1883371	29.154	ng/ul	100
95) Dibenzo(a,h)anthracene	26.698	278	1573091	29.084	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1510212	28.679	ng/ul	99

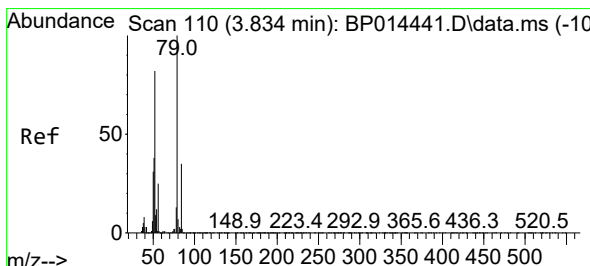
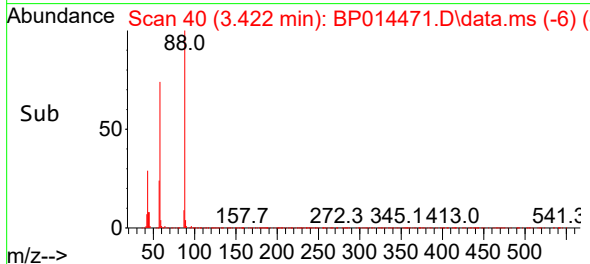
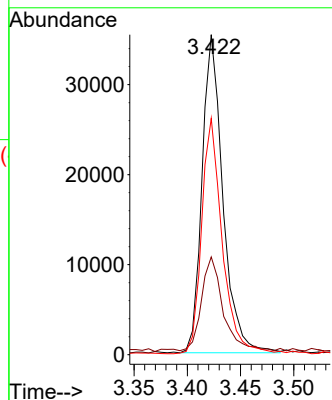
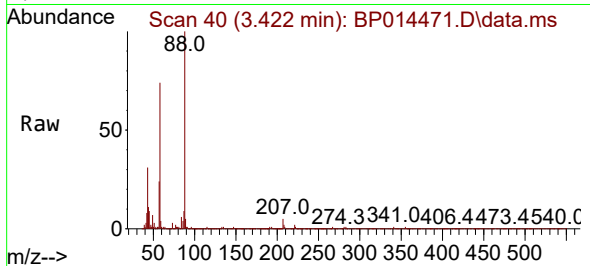
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#2
 1,4-Dioxane
 Concen: 10.980 ng/uL
 RT: 3.422 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BP014471.D
 Acq: 01 Apr 2023 07:10

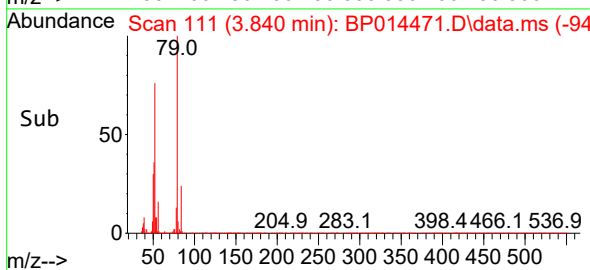
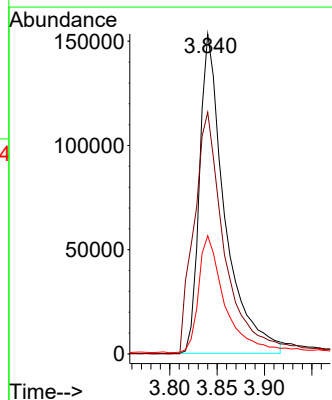
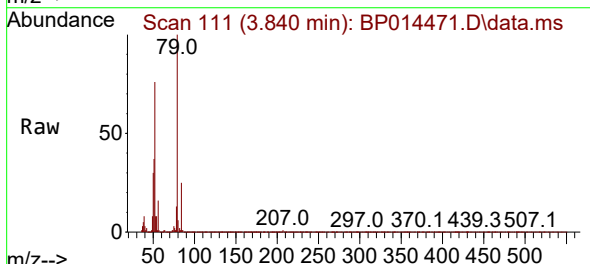
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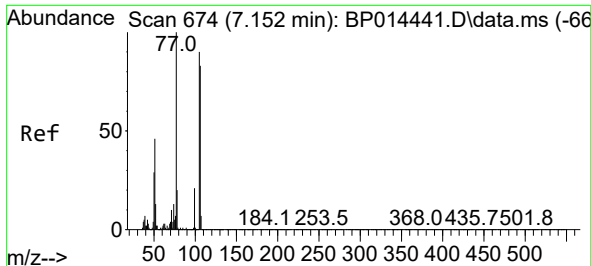
Tgt Ion: 88 Resp: 48100
 Ion Ratio Lower Upper
 88 100
 43 30.5 24.4 36.6
 58 73.8 57.4 86.0



#5
 Pyridine
 Concen: 26.640 ng/uL
 RT: 3.840 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BP014471.D
 Acq: 01 Apr 2023 07:10

Tgt Ion: 79 Resp: 284792
 Ion Ratio Lower Upper
 79 100
 52 75.6 61.4 92.2
 51 37.0 28.5 42.7

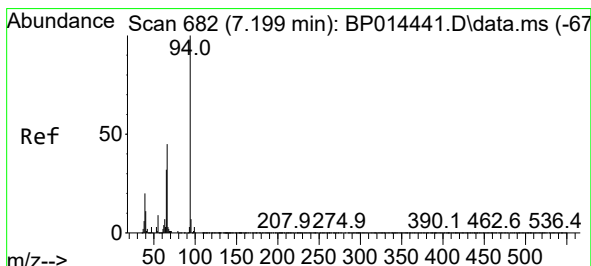
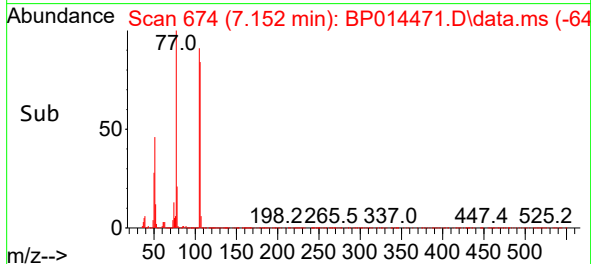
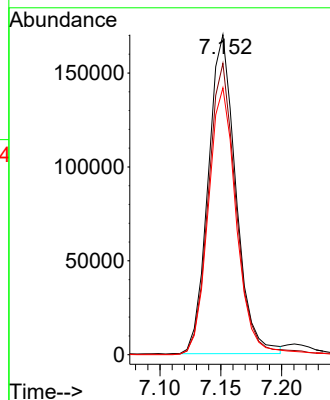
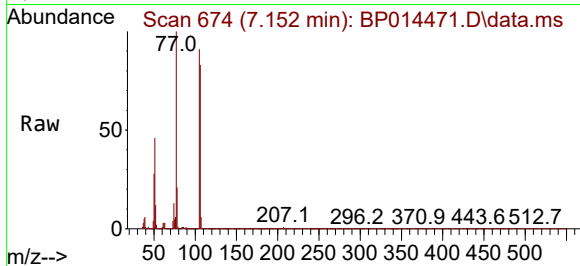




#6
Benzaldehyde
Concen: 37.834 ng/ul
RT: 7.152 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

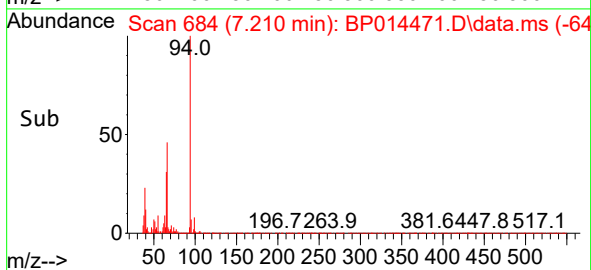
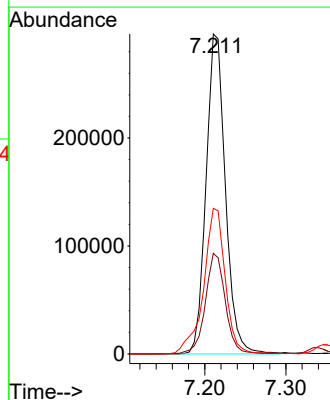
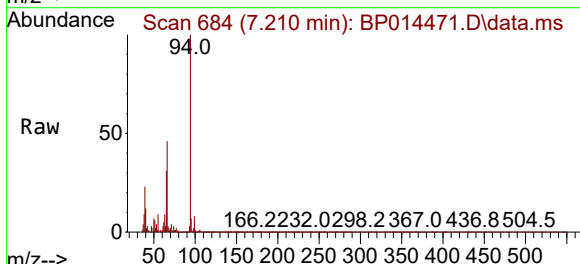
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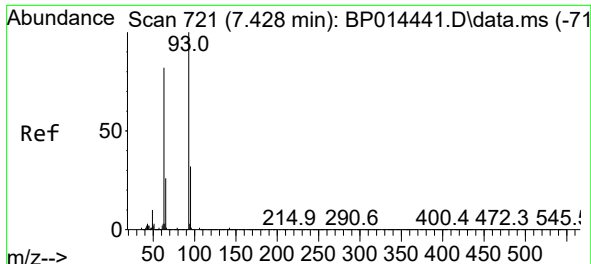
Tgt Ion: 77 Resp: 268111
Ion Ratio Lower Upper
77 100
105 91.1 70.6 105.8
106 83.4 66.5 99.7



#8
Phenol
Concen: 33.143 ng/ul
RT: 7.210 min Scan# 684
Delta R.T. 0.012 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion: 94 Resp: 490171
Ion Ratio Lower Upper
94 100
65 31.4 25.2 37.8
66 45.5 36.2 54.4



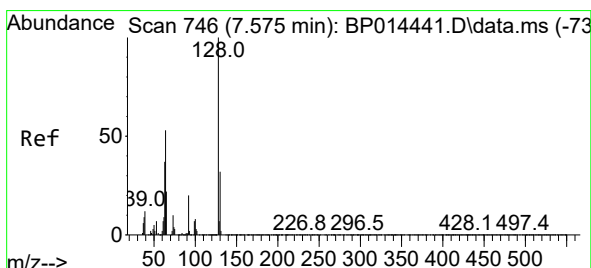
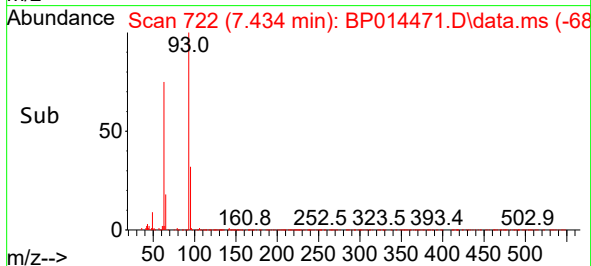
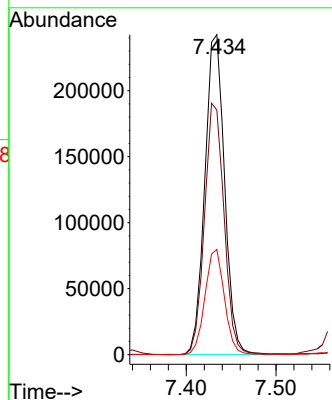
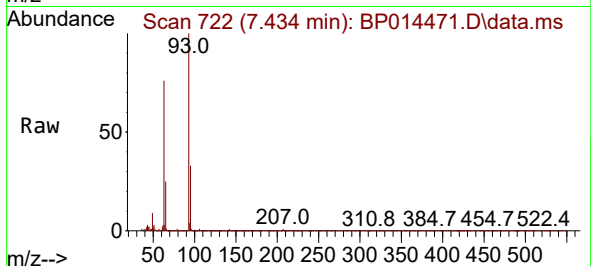


#10
 Bis(2-Chloroethyl)ether
 Concen: 31.174 ng/ul
 RT: 7.434 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: BP014471.D
 Acq: 01 Apr 2023 07:10

Instrument :
 BNA_P
 ClientSampleId :
 SLCS754

Tgt Ion: 93 Resp: 370508

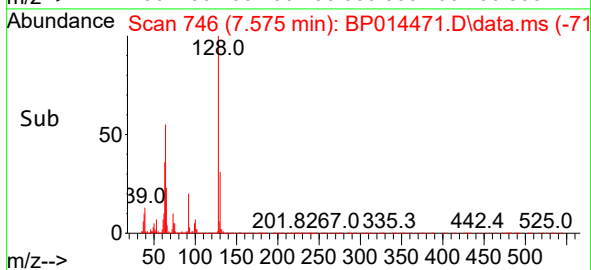
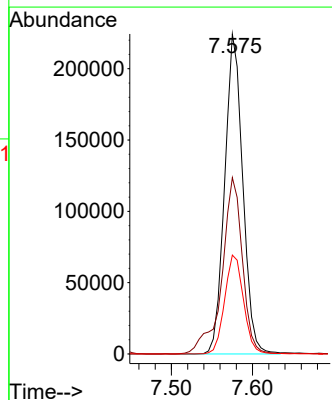
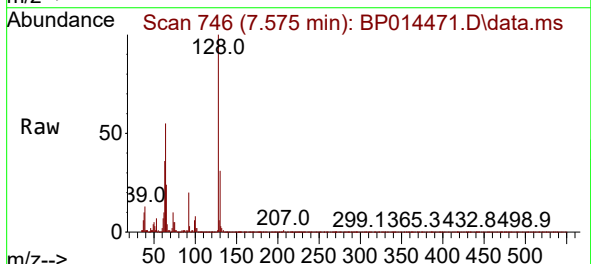
Ion	Ratio	Lower	Upper
93	100		
63	76.4	63.2	94.8
95	32.9	26.0	39.0

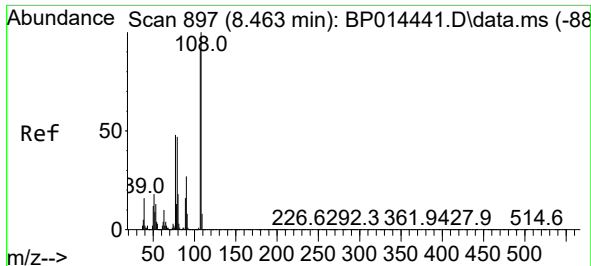


#12
 2-Chlorophenol
 Concen: 32.403 ng/ul
 RT: 7.575 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: BP014471.D
 Acq: 01 Apr 2023 07:10

Tgt Ion: 128 Resp: 347527

Ion	Ratio	Lower	Upper
128	100		
64	55.1	41.4	62.0
130	30.9	24.1	36.1





#13

2-Methylphenol

Concen: 33.017 ng/ul

RT: 8.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

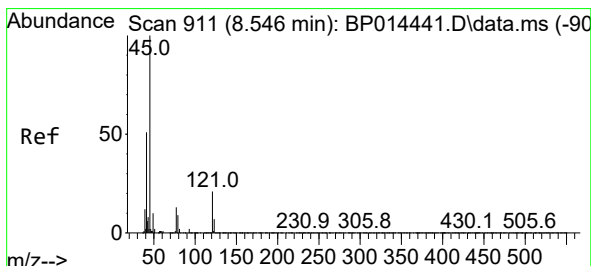
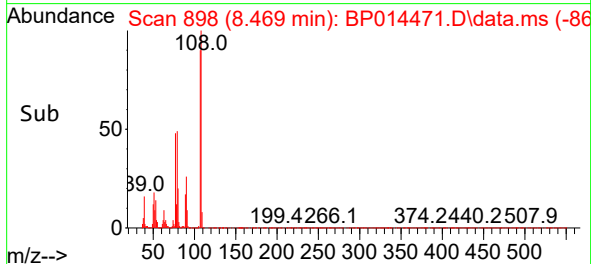
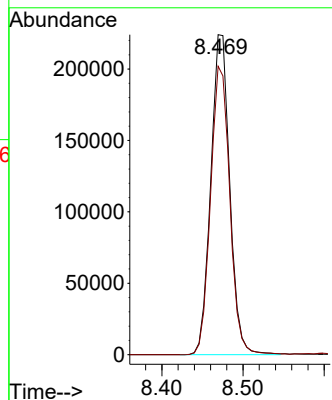
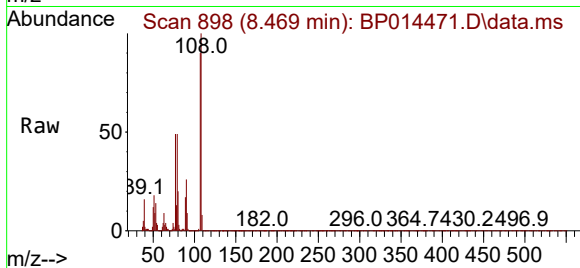
SLCS754

Tgt Ion:108 Resp: 364160

Ion Ratio Lower Upper

108 100

107 90.1 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.972 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

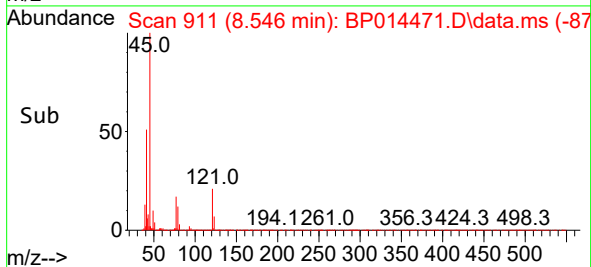
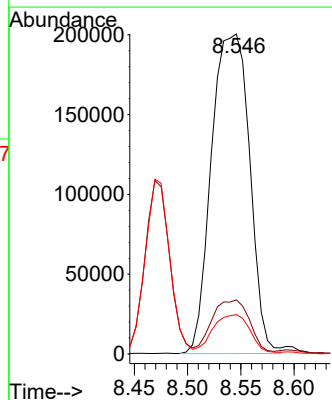
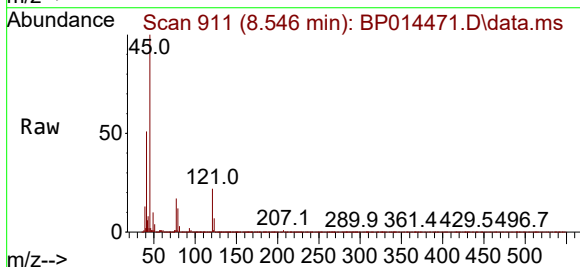
Tgt Ion: 45 Resp: 498920

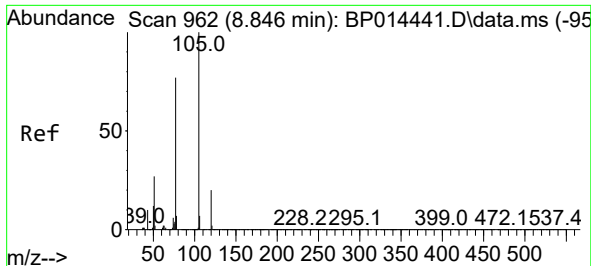
Ion Ratio Lower Upper

45 100

77 16.9 12.8 19.2

79 12.3 9.6 14.4

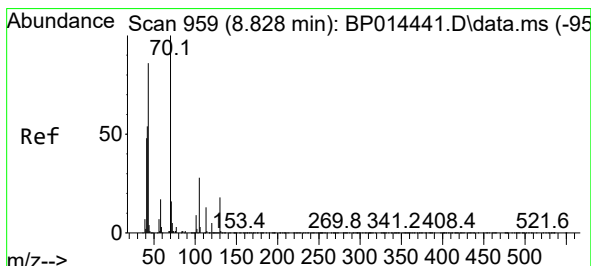
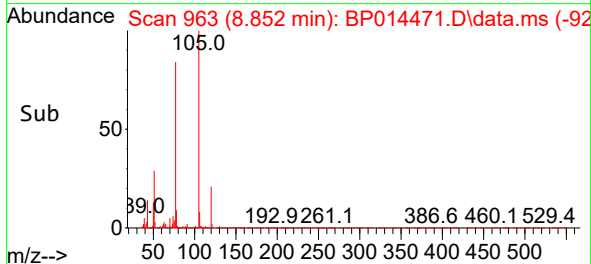
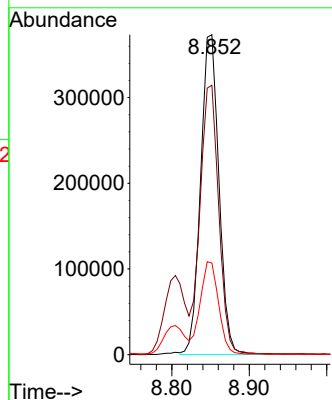
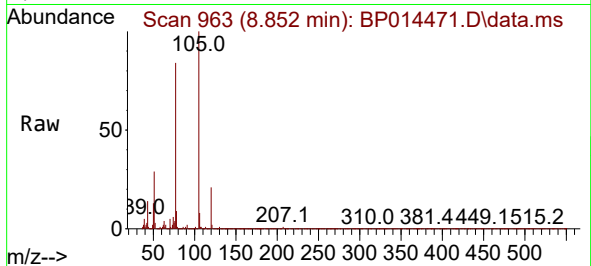




#16
Acetophenone
Concen: 32.304 ng/ul
RT: 8.852 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

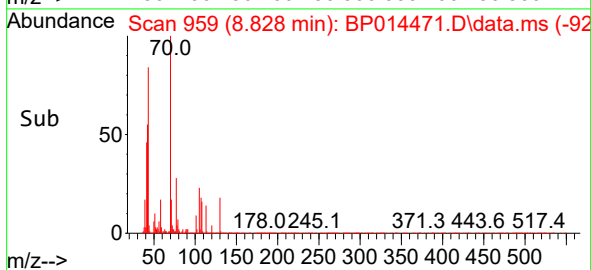
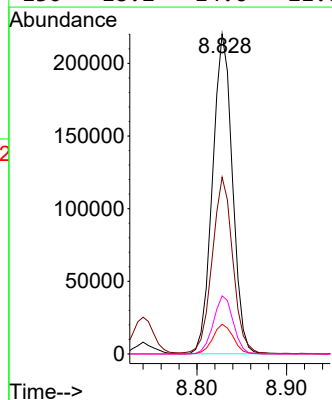
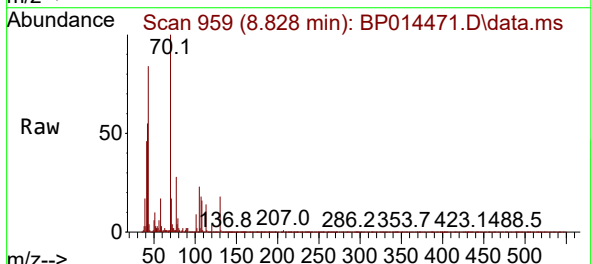
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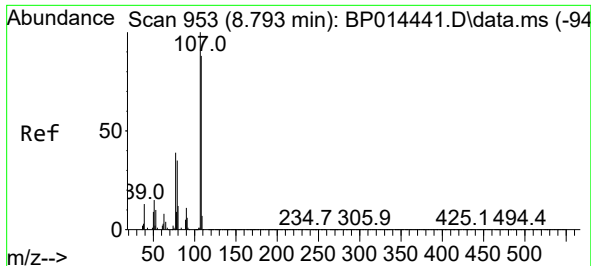
Tgt Ion:105 Resp: 613451
Ion Ratio Lower Upper
105 100
77 84.2 67.3 100.9
51 28.6 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 33.002 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion: 70 Resp: 338570
Ion Ratio Lower Upper
70 100
42 55.3 41.1 61.7
101 9.3 7.0 10.6
130 18.2 14.6 21.8

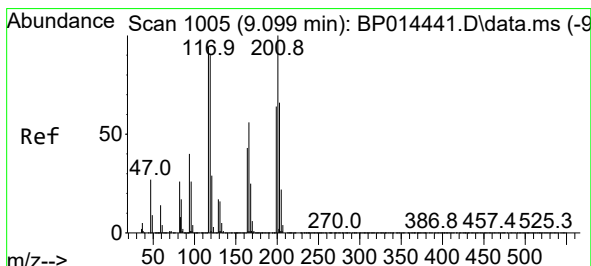
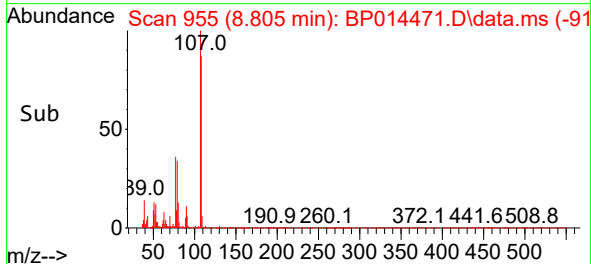
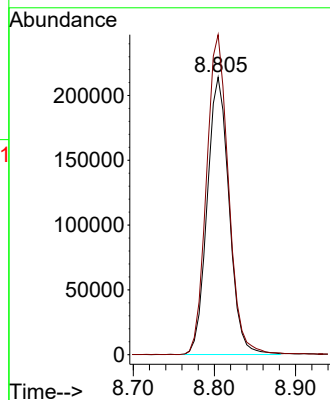
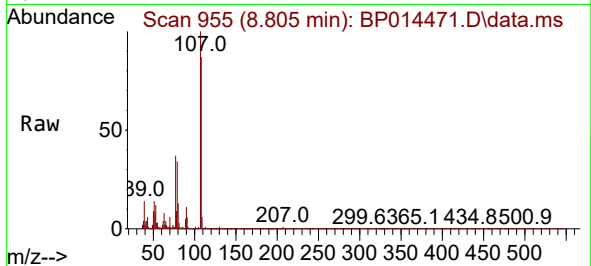




#18
4-Methylphenol
Concen: 33.197 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

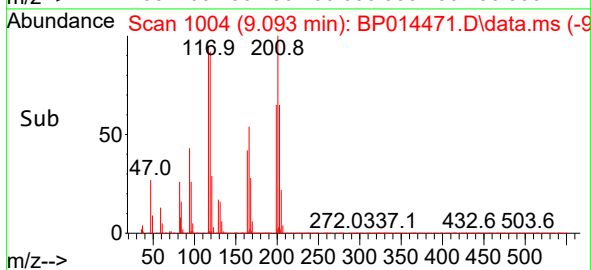
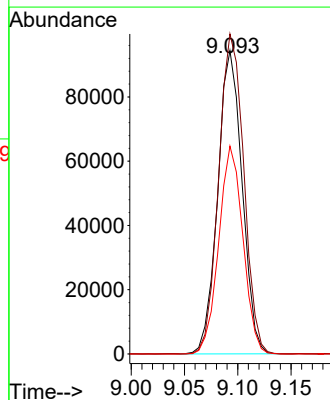
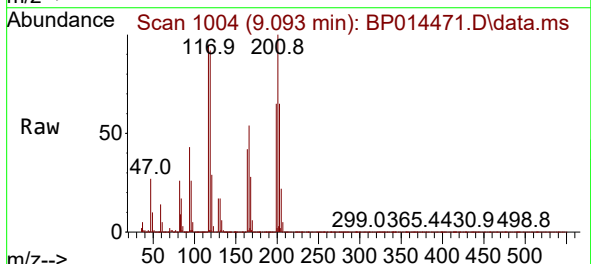
Instrument :
BNA_P
ClientSampleId :
SLCS754

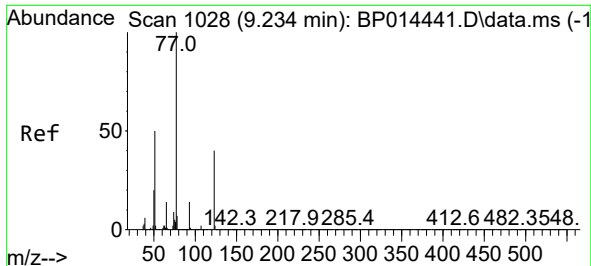
Tgt Ion:108 Resp: 402116
Ion Ratio Lower Upper
108 100
107 115.3 89.0 133.6



#19
Hexachloroethane
Concen: 32.057 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:117 Resp: 150224
Ion Ratio Lower Upper
117 100
201 105.5 90.2 135.4
199 68.5 54.2 81.2

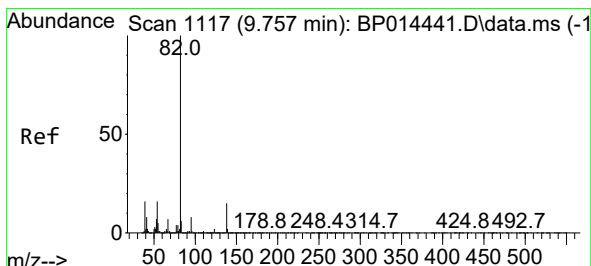
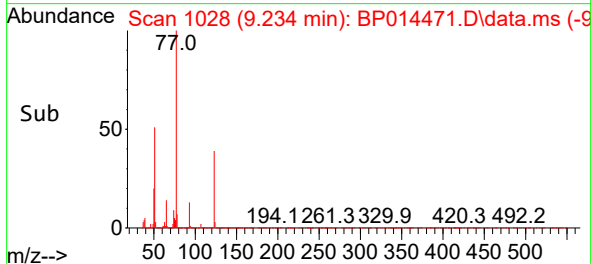
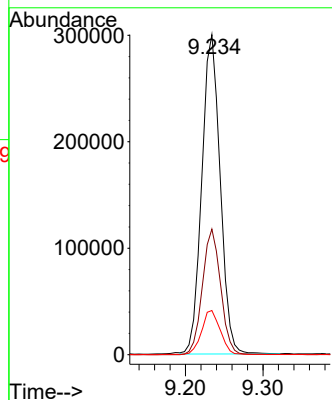
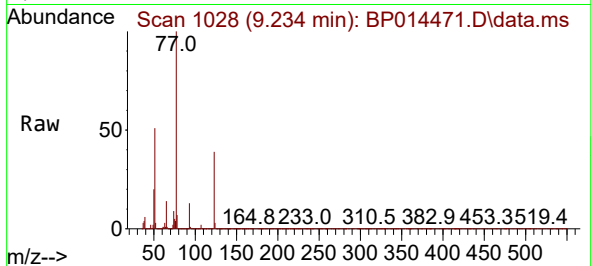




#22
Nitrobenzene
Concen: 30.138 ng/ul
RT: 9.234 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

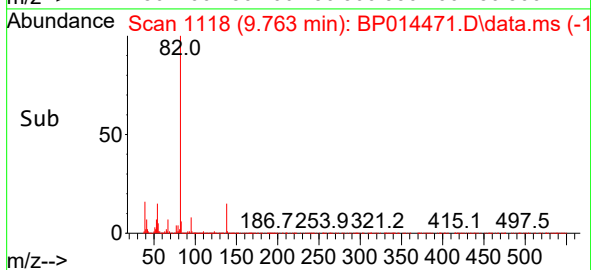
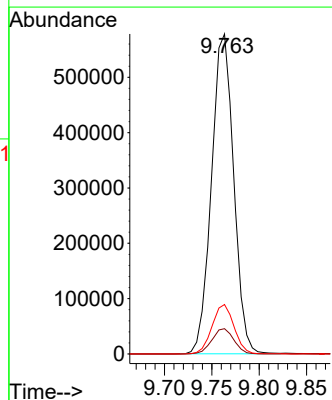
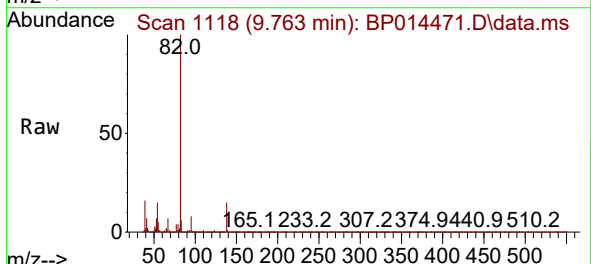
Instrument :
BNA_P
ClientSampleId :
SLCS754

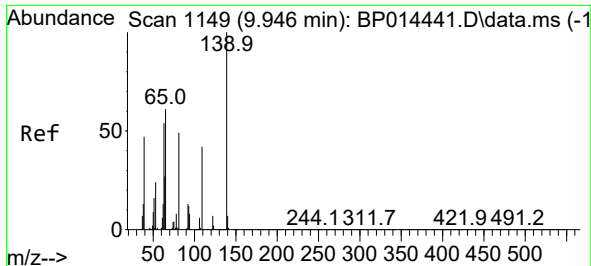
Tgt Ion: 77 Resp: 494005
Ion Ratio Lower Upper
77 100
123 39.3 30.3 45.5
65 13.8 11.0 16.4



#23
Isophorone
Concen: 31.237 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion: 82 Resp: 943835
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 15.5 12.2 18.2

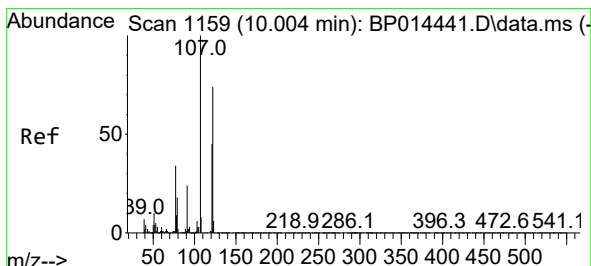
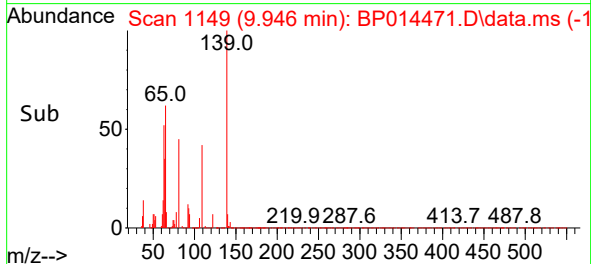
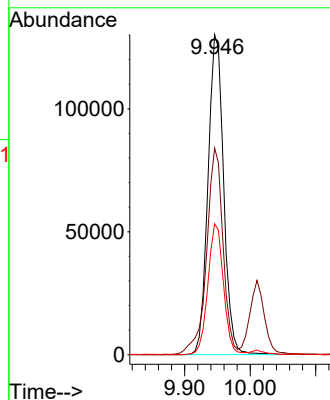
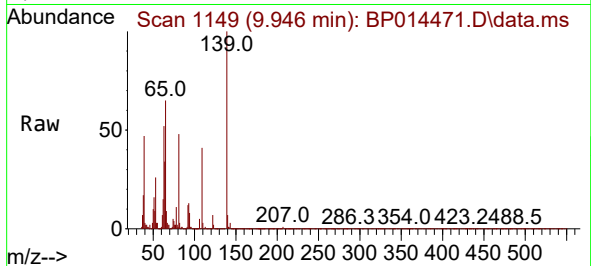




#25
2-Nitrophenol
Concen: 31.380 ng/ul
RT: 9.946 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

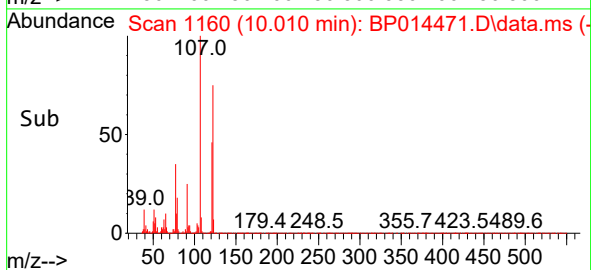
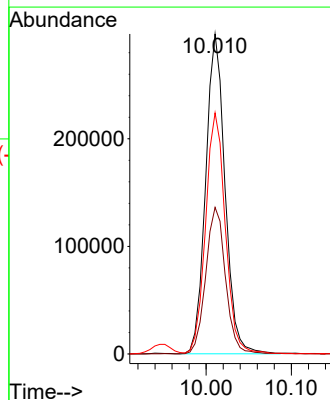
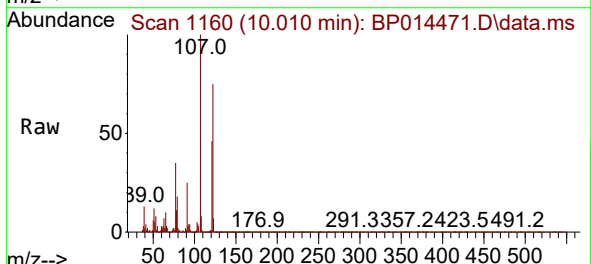
Instrument :
BNA_P
ClientSampleId :
SLCS754

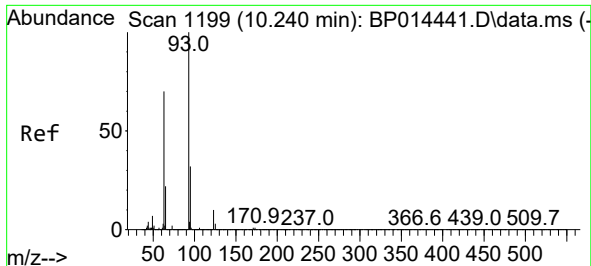
Tgt Ion:139 Resp: 216404
Ion Ratio Lower Upper
139 100
65 64.6 49.7 74.5
109 40.9 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 30.405 ng/ul
RT: 10.010 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:107 Resp: 469314
Ion Ratio Lower Upper
107 100
121 45.8 37.0 55.6
122 75.4 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 30.322 ng/ul

RT: 10.240 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

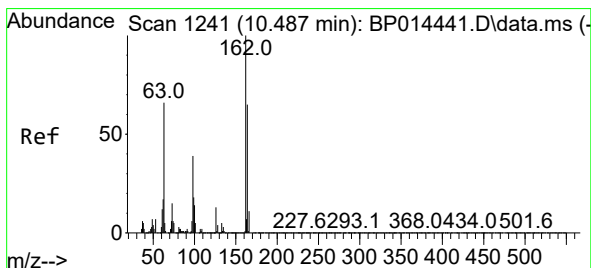
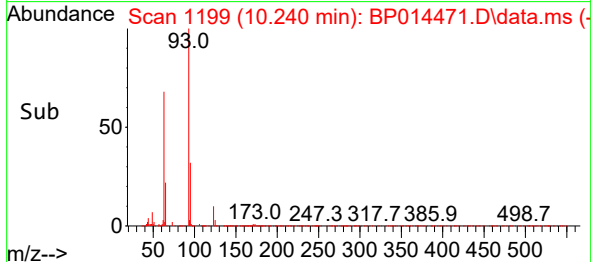
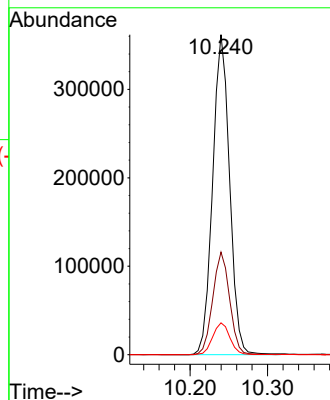
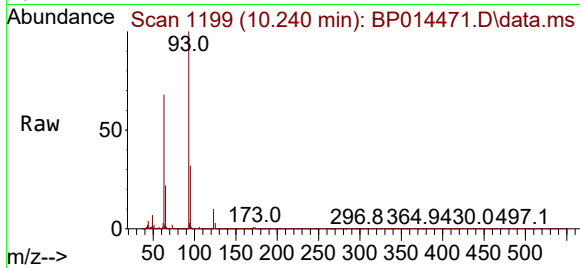
Tgt Ion: 93 Resp: 549299

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 10.0 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 32.320 ng/ul

RT: 10.493 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

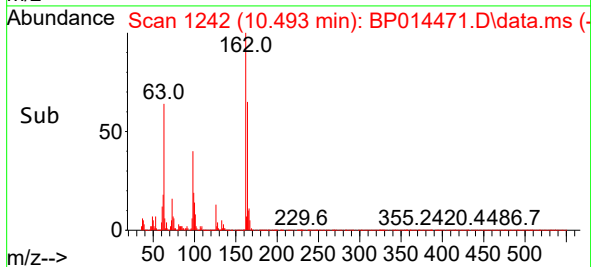
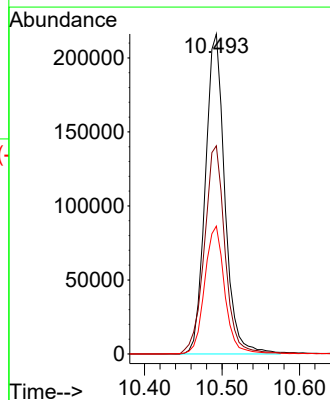
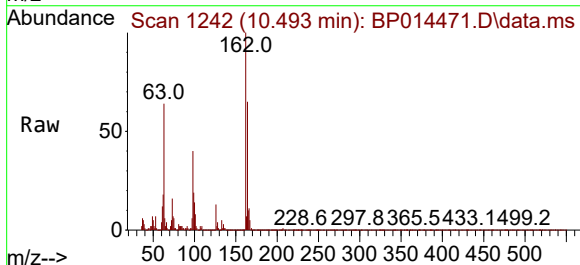
Tgt Ion:162 Resp: 378466

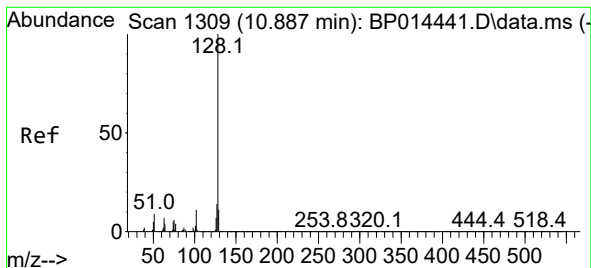
Ion Ratio Lower Upper

162 100

164 65.0 50.1 75.1

98 39.9 30.6 45.8





#30

Naphthalene

Concen: 29.860 ng/ul

RT: 10.887 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

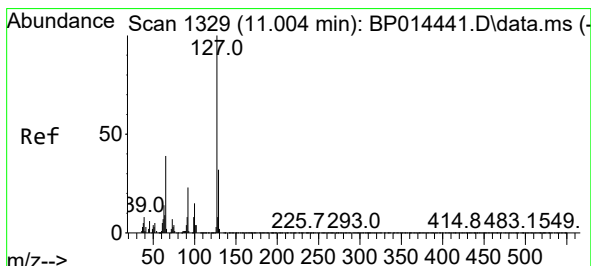
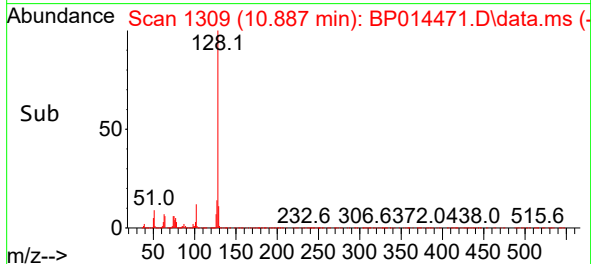
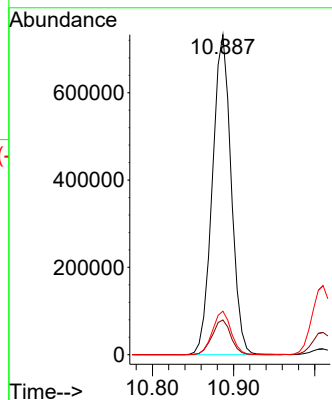
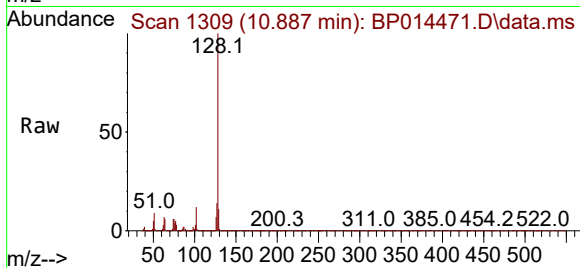
Tgt Ion:128 Resp: 1175576

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.6 11.0 16.6



#32

4-Chloroaniline

Concen: 18.660 ng/ul

RT: 11.010 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BP014471.D

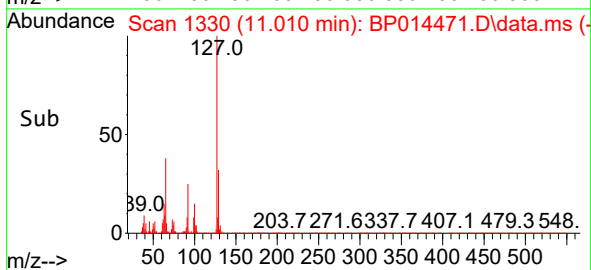
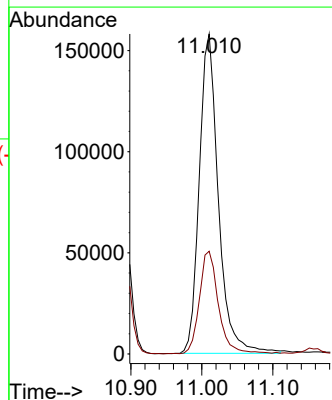
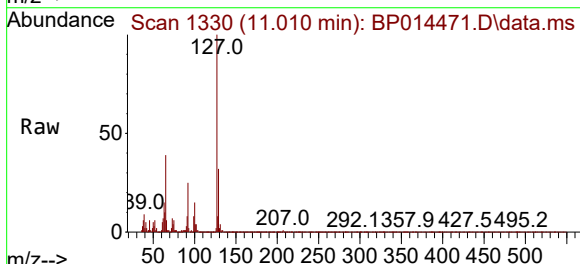
Acq: 01 Apr 2023 07:10

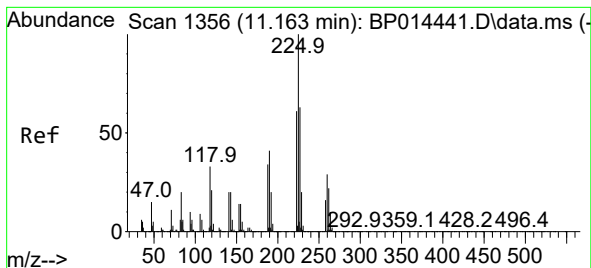
Tgt Ion:127 Resp: 296214

Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.0





#33

Hexachlorobutadiene

Concen: 29.576 ng/ul

RT: 11.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

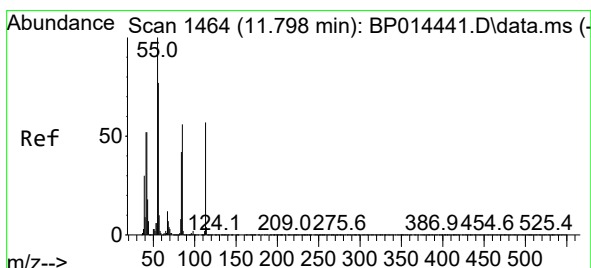
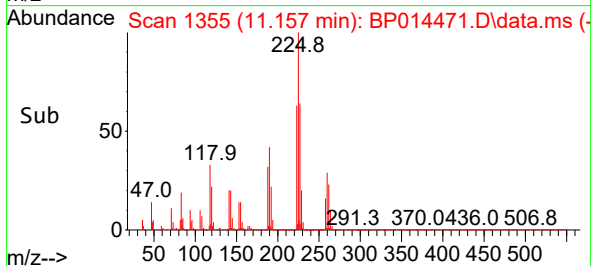
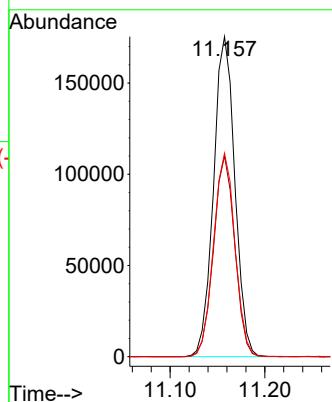
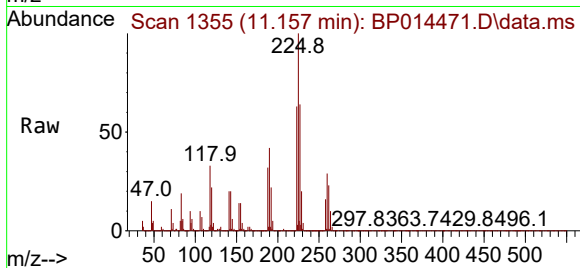
Tgt Ion:225 Resp: 274383

Ion Ratio Lower Upper

225 100

223 62.7 49.3 73.9

227 63.6 49.6 74.4



#34

Caprolactam

Concen: 26.150 ng/ul

RT: 11.816 min Scan# 1467

Delta R.T. 0.023 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

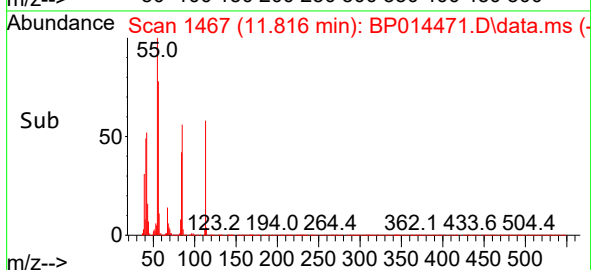
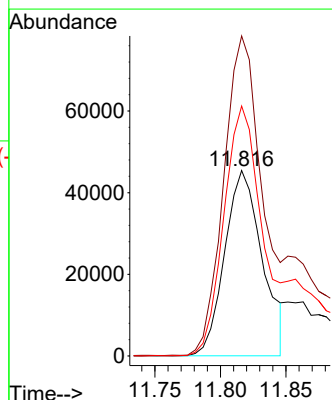
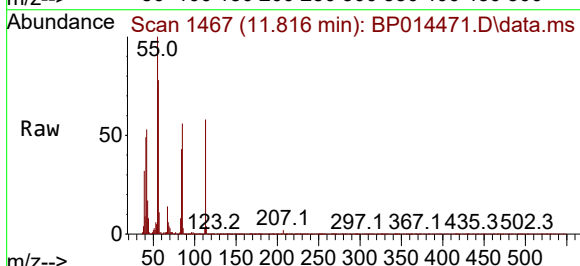
Tgt Ion:113 Resp: 90462

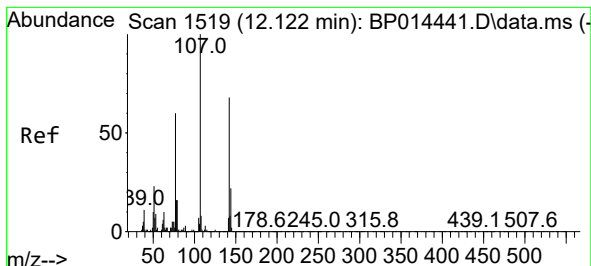
Ion Ratio Lower Upper

113 100

55 172.5 131.2 196.8

56 134.7 101.1 151.7

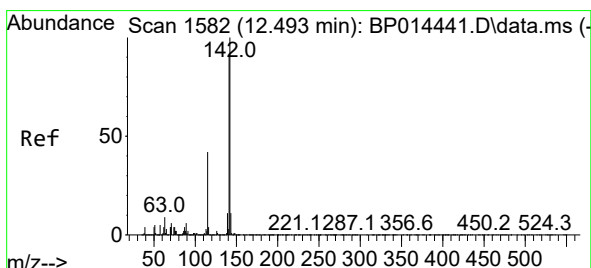
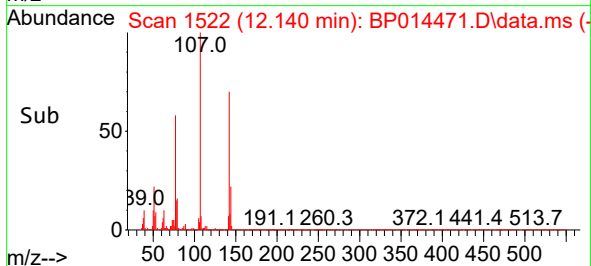
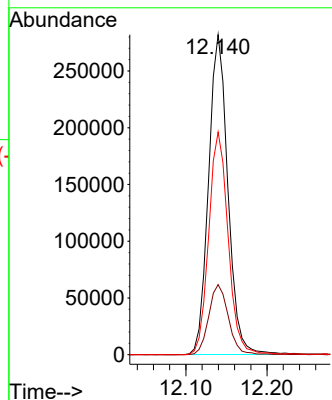
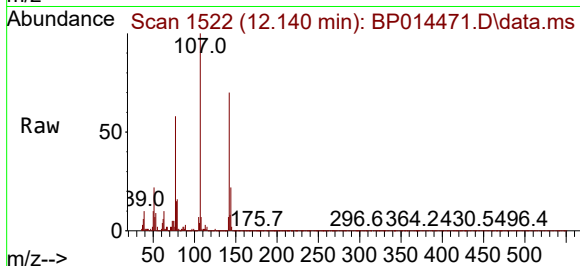




#35
4-Chloro-3-methylphenol
Concen: 32.340 ng/ul
RT: 12.140 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

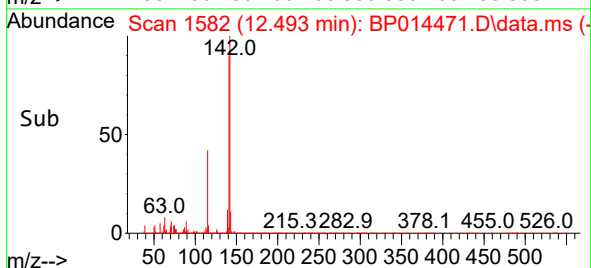
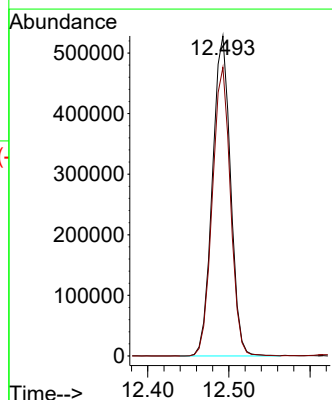
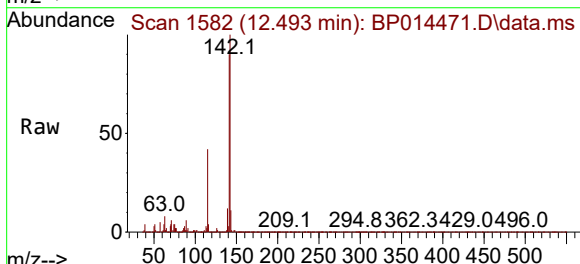
Instrument :
BNA_P
ClientSampleId :
SLCS754

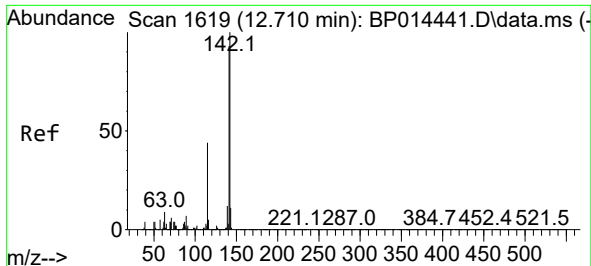
Tgt Ion:107 Resp: 465793
Ion Ratio Lower Upper
107 100
144 21.9 17.3 25.9
142 69.6 54.6 81.8



#36
2-Methylnaphthalene
Concen: 30.709 ng/ul
RT: 12.493 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:142 Resp: 819337
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4





#37

1-Methylnaphthalene

Concen: 31.740 ng/ul

RT: 12.710 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

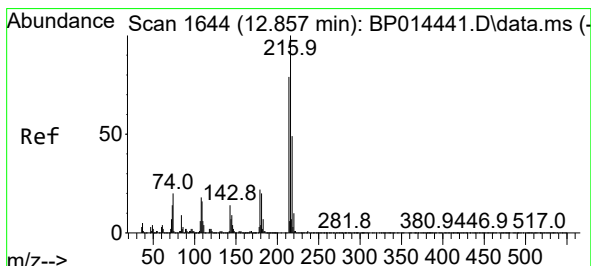
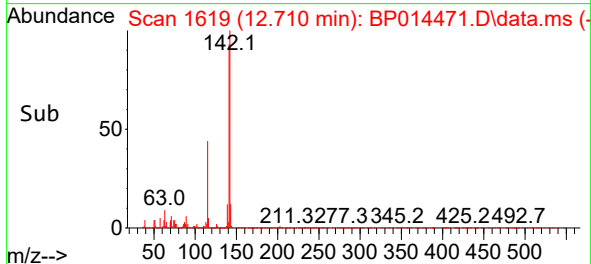
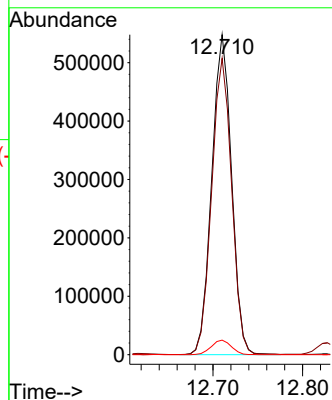
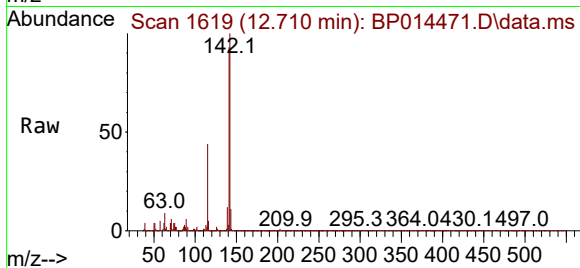
Tgt Ion:142 Resp: 839868

Ion Ratio Lower Upper

142 100

141 92.6 76.6 114.8

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.378 ng/ul

RT: 12.857 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Tgt Ion:216 Resp: 506172

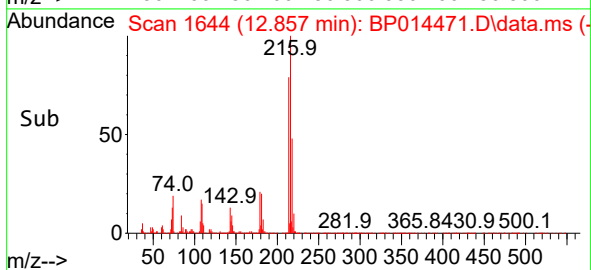
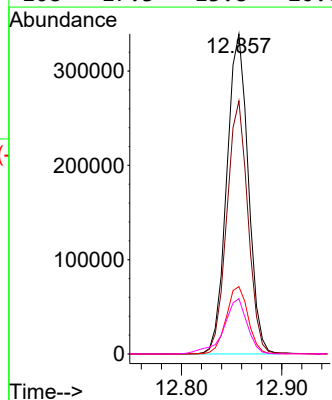
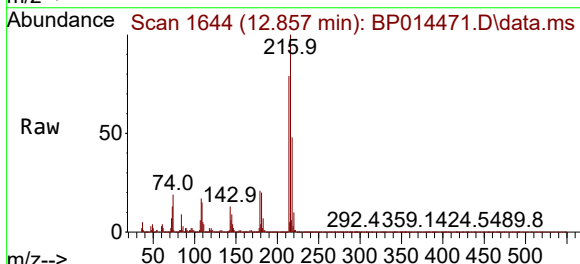
Ion Ratio Lower Upper

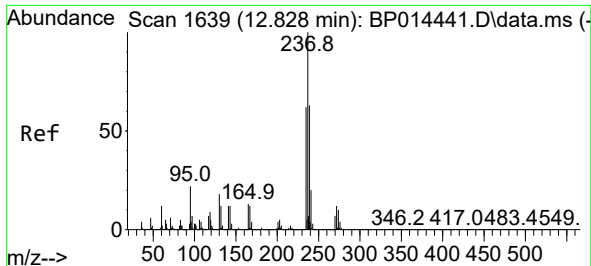
216 100

214 79.0 61.0 91.6

179 21.1 16.6 24.8

108 17.3 13.8 20.6

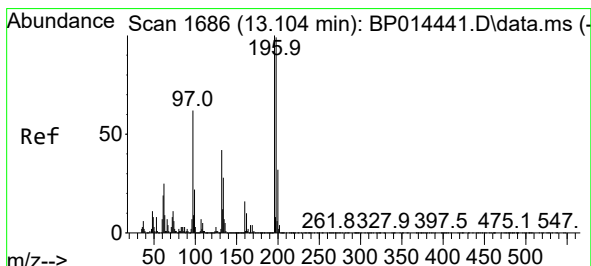
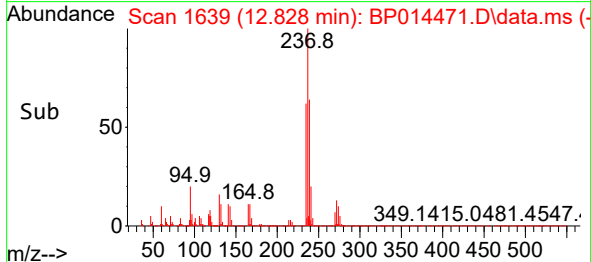
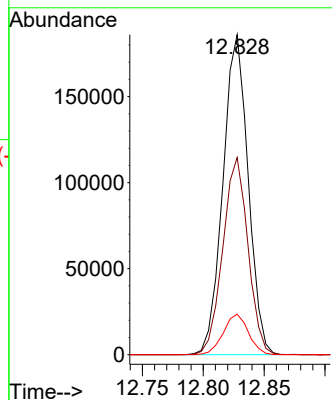
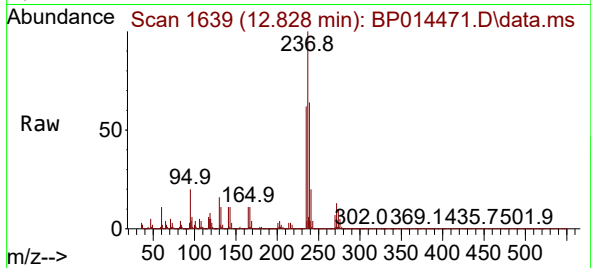




#40
Hexachlorocyclopentadiene
Concen: 23.979 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

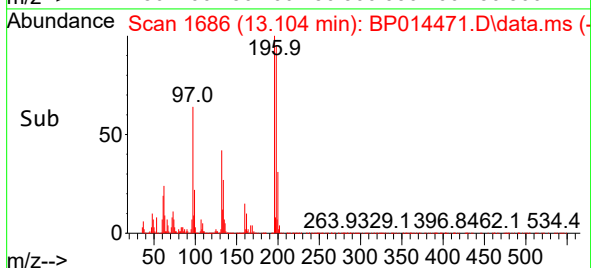
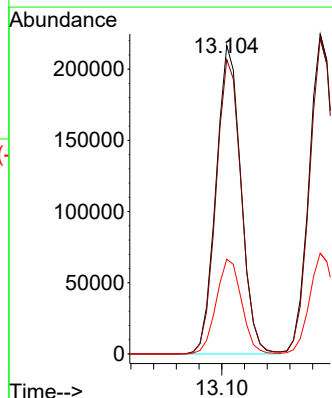
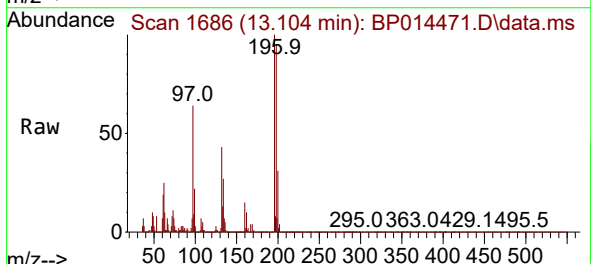
Instrument :
BNA_P
ClientSampleId :
SLCS754

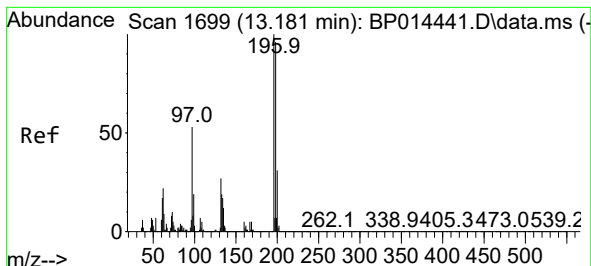
Tgt Ion:237 Resp: 267558
Ion Ratio Lower Upper
237 100
235 61.6 51.0 76.4
272 12.7 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 30.992 ng/ul
RT: 13.104 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:196 Resp: 330430
Ion Ratio Lower Upper
196 100
198 95.4 76.6 114.8
200 30.7 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 31.715 ng/ul

RT: 13.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

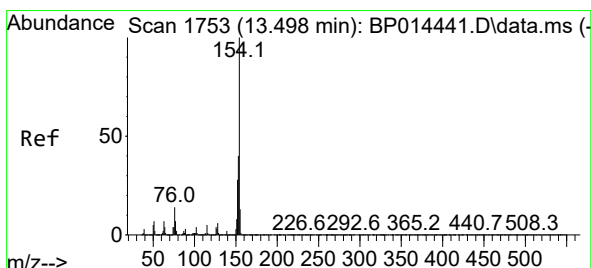
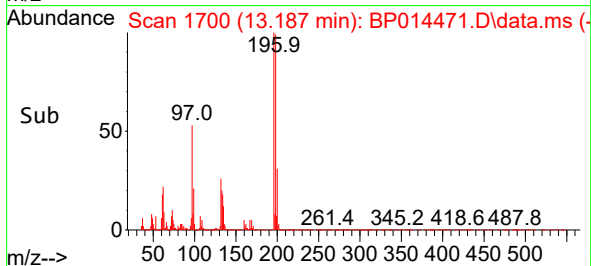
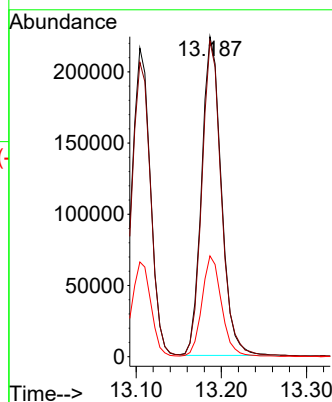
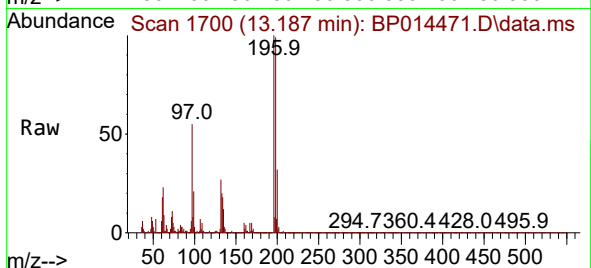
Tgt Ion:196 Resp: 359987

Ion Ratio Lower Upper

196 100

198 98.6 79.8 119.8

200 31.5 25.6 38.4



#43

1,1'-Biphenyl

Concen: 29.399 ng/ul

RT: 13.498 min Scan# 1753

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

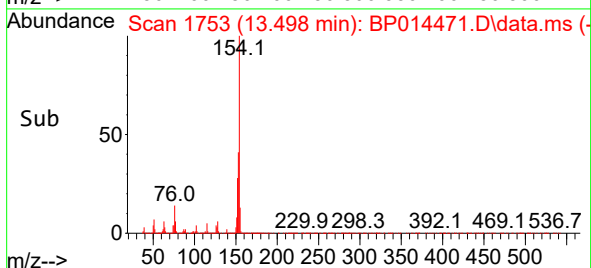
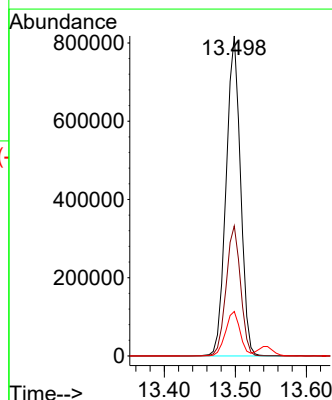
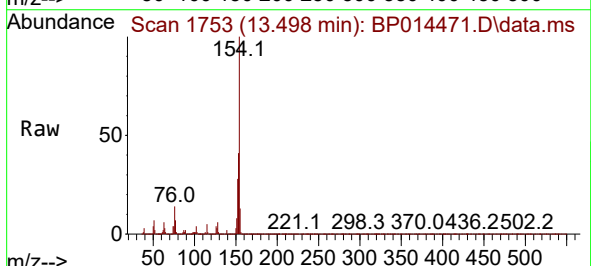
Tgt Ion:154 Resp: 1147815

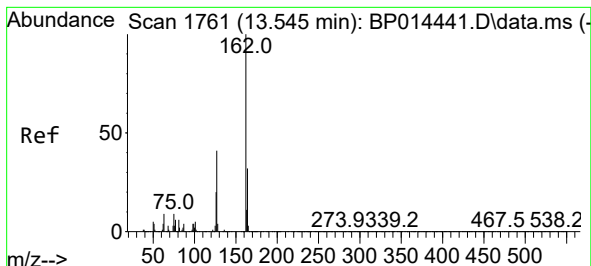
Ion Ratio Lower Upper

154 100

153 40.6 32.4 48.6

76 13.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 29.347 ng/ul

RT: 13.545 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

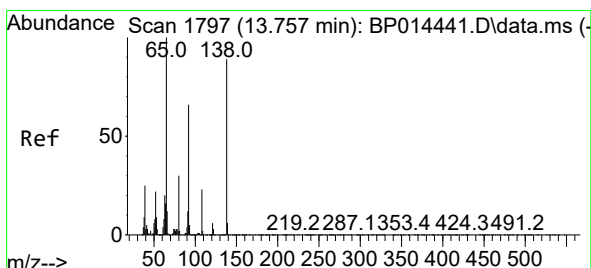
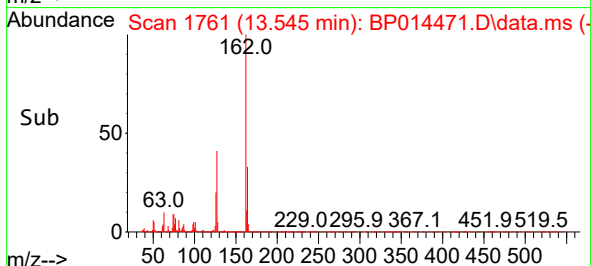
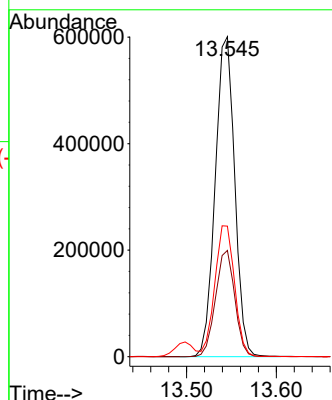
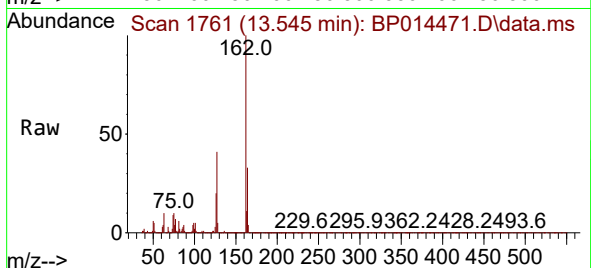
Tgt Ion:162 Resp: 905947

Ion Ratio Lower Upper

162 100

164 33.2 26.1 39.1

127 40.8 33.7 50.5



#45

2-Nitroaniline

Concen: 33.878 ng/ul

RT: 13.763 min Scan# 1798

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

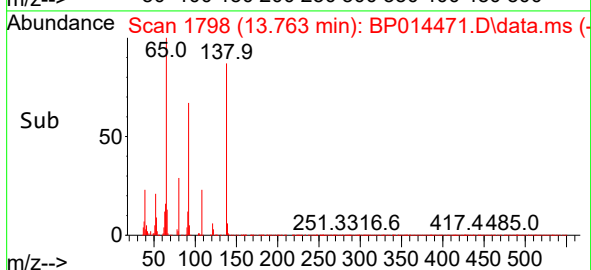
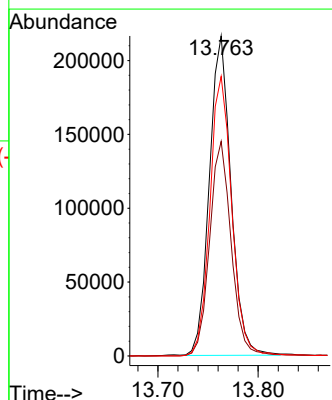
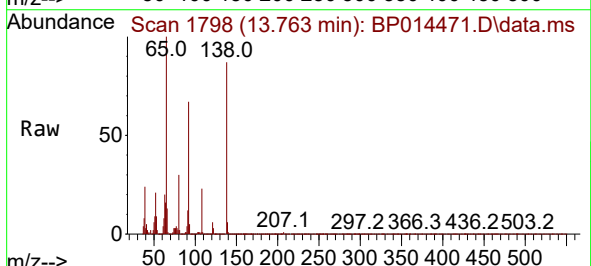
Tgt Ion: 65 Resp: 323880

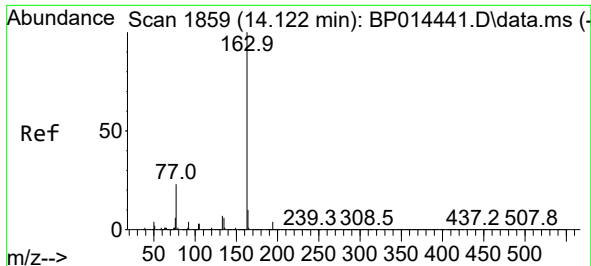
Ion Ratio Lower Upper

65 100

92 67.1 53.7 80.5

138 87.4 71.7 107.5

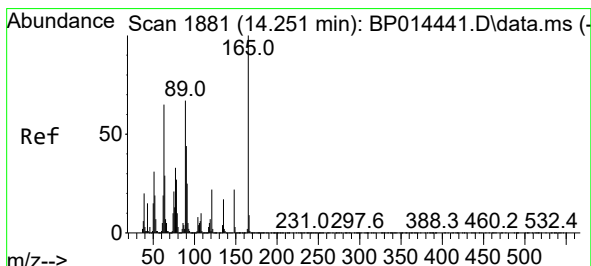
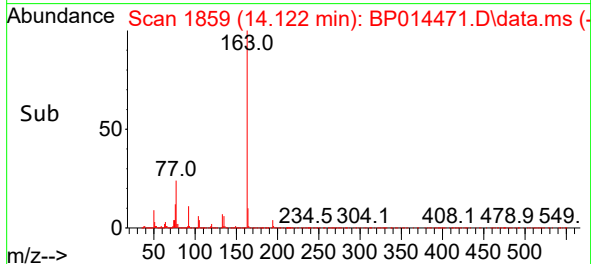
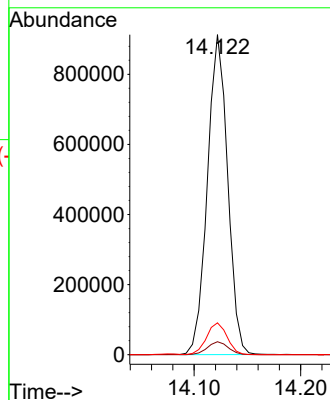
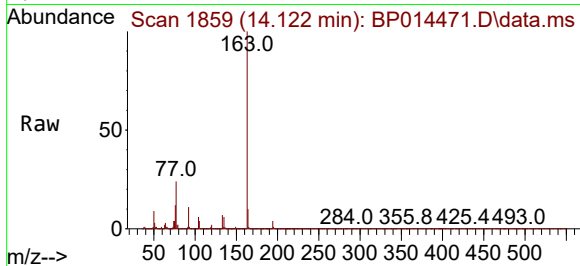




#47
Dimethylphthalate
Concen: 30.750 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

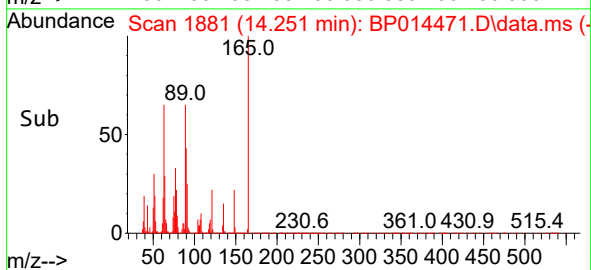
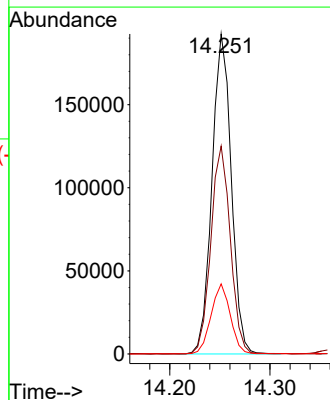
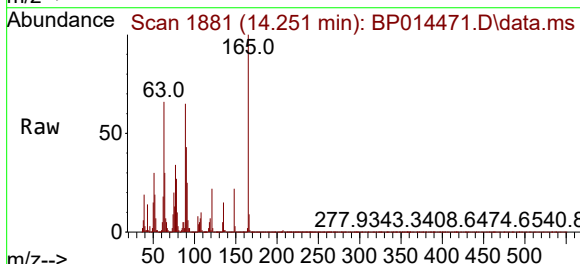
Instrument :
BNA_P
ClientSampleId :
SLCS754

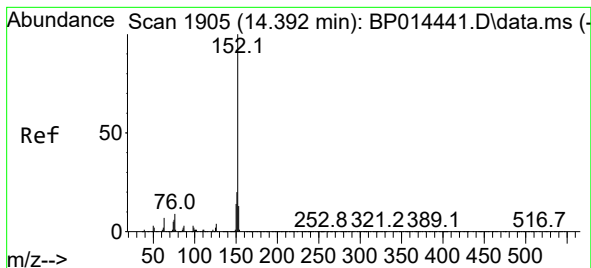
Tgt Ion:163 Resp: 1204701
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 33.607 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:165 Resp: 257232
Ion Ratio Lower Upper
165 100
89 65.0 52.7 79.1
121 21.9 17.9 26.9





#50

Acenaphthylene

Concen: 30.657 ng/ul

RT: 14.392 min Scan# 1905

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

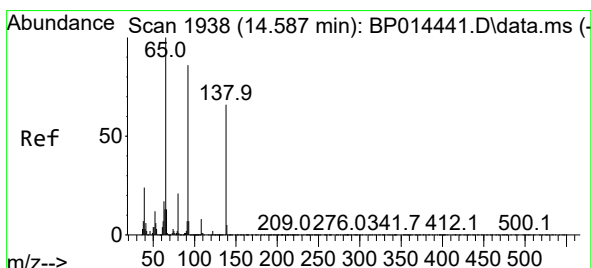
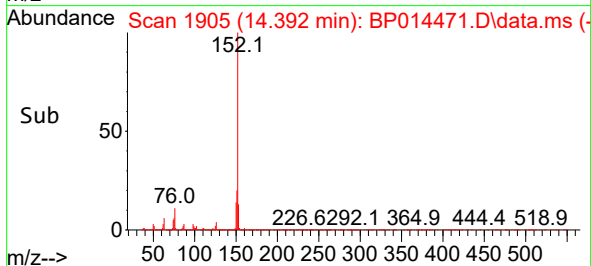
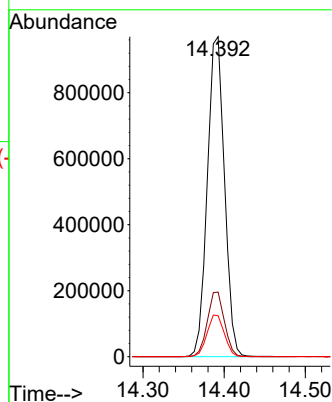
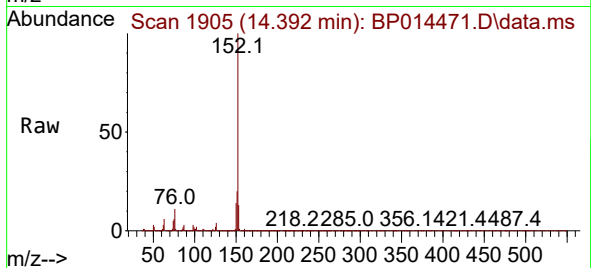
Tgt Ion:152 Resp: 1419537

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 12.8 10.2 15.4



#51

3-Nitroaniline

Concen: 35.707 ng/ul

RT: 14.592 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

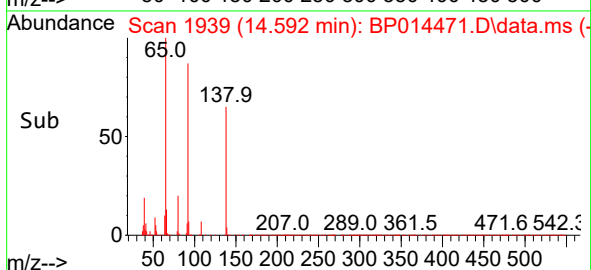
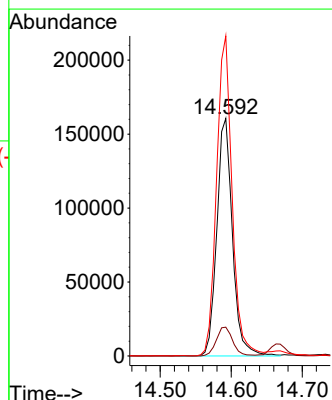
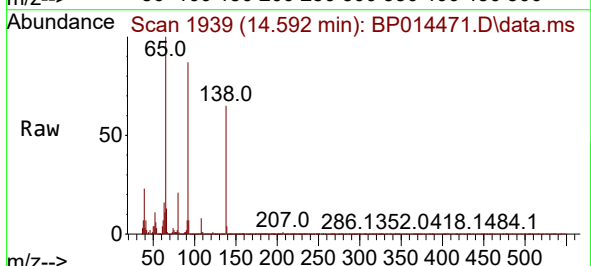
Tgt Ion:138 Resp: 244851

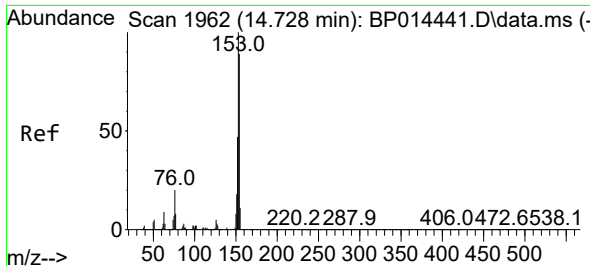
Ion Ratio Lower Upper

138 100

108 12.1 9.9 14.9

92 134.8 107.6 161.4

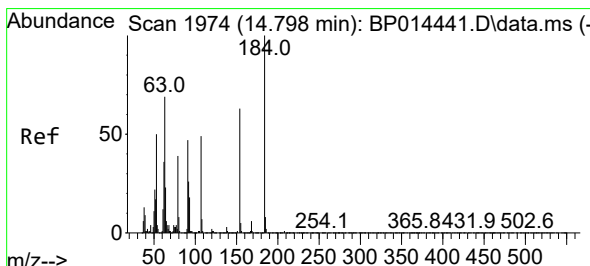
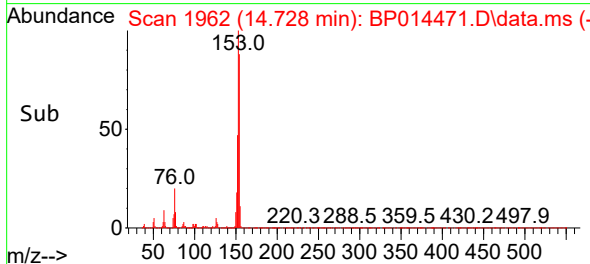
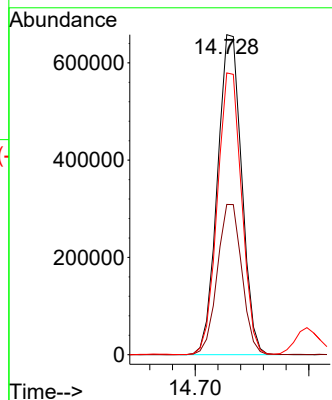
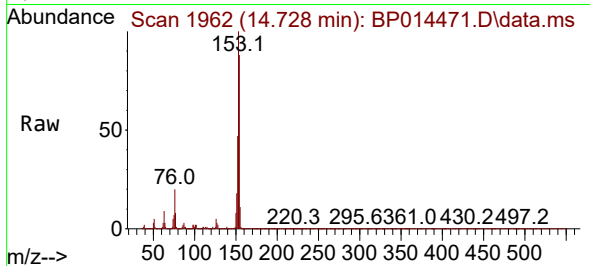




#52
Acenaphthene
Concen: 29.851 ng/ul
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

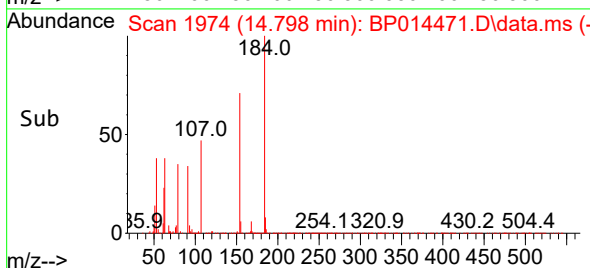
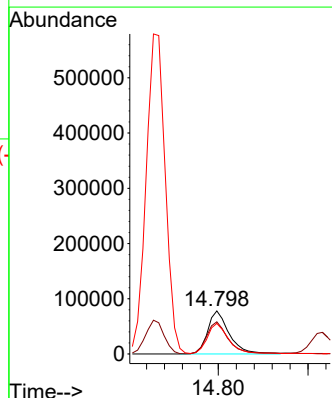
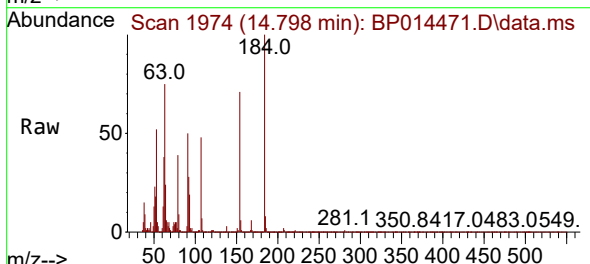
Instrument :
BNA_P
ClientSampleId :
SLCS754

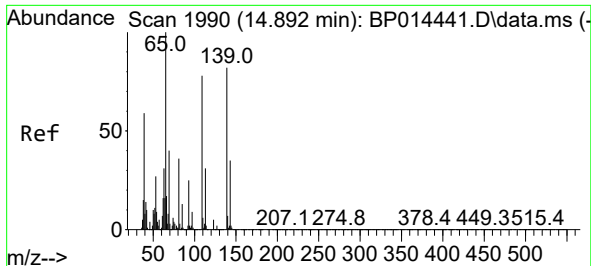
Tgt Ion:153 Resp: 976712
Ion Ratio Lower Upper
153 100
152 46.9 38.2 57.4
154 88.1 70.2 105.2



#53
2,4-Dinitrophenol
Concen: 26.102 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:184 Resp: 129377
Ion Ratio Lower Upper
184 100
63 74.6 57.1 85.7
154 71.2 55.3 82.9

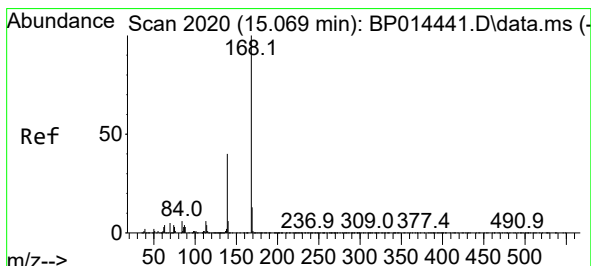
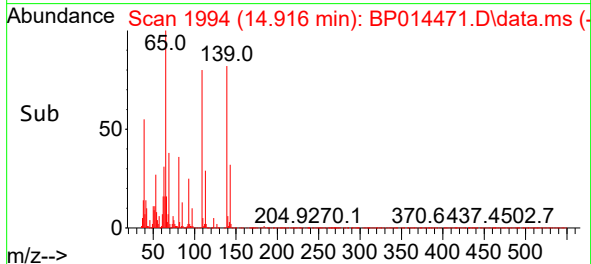
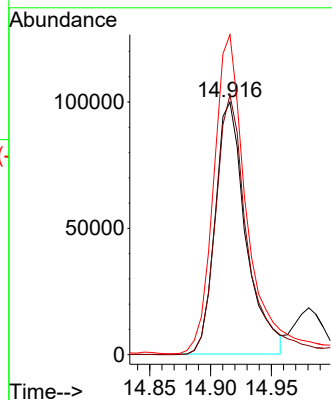
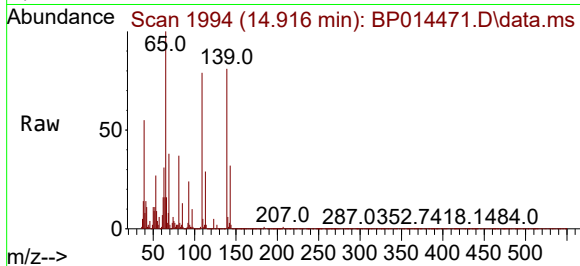




#55
4-Nitrophenol
Concen: 29.935 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. 0.023 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

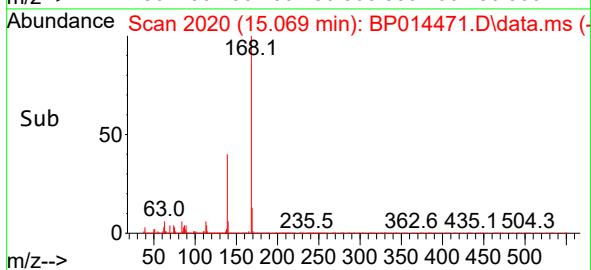
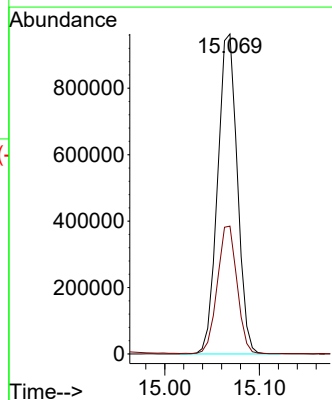
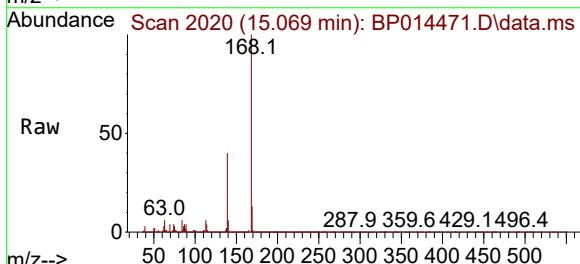
Instrument :
BNA_P
ClientSampleId :
SLCS754

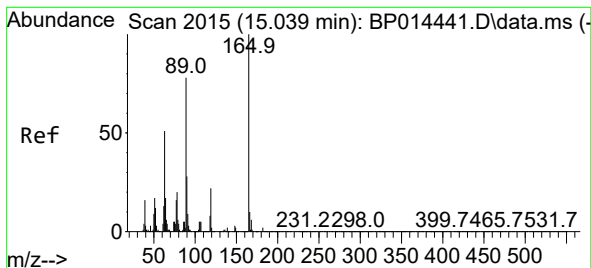
Tgt Ion:109 Resp: 174883
Ion Ratio Lower Upper
109 100
139 102.9 77.4 116.2
65 126.7 97.3 145.9



#56
Dibenzofuran
Concen: 30.272 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:168 Resp: 1392420
Ion Ratio Lower Upper
168 100
139 39.9 32.1 48.1





#57

2,4-Dinitrotoluene

Concen: 34.106 ng/ul

RT: 15.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

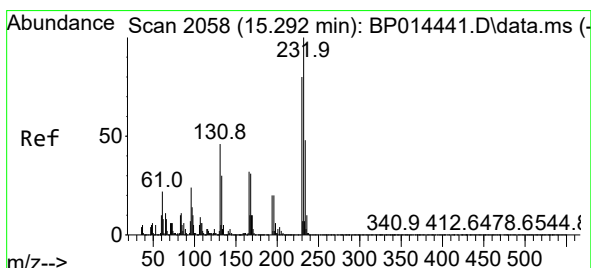
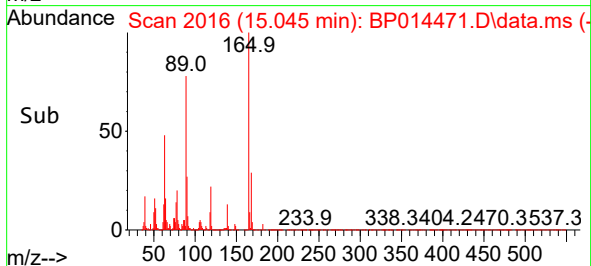
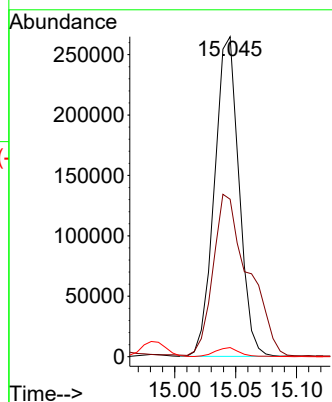
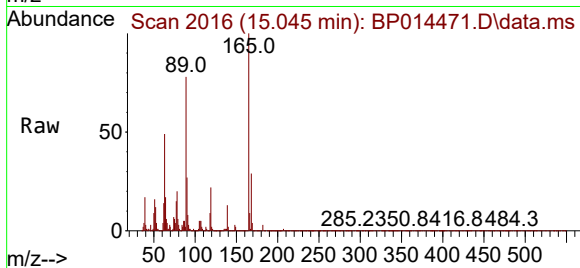
Tgt Ion:165 Resp: 370294

Ion Ratio Lower Upper

165 100

63 49.2 41.6 62.4

182 2.9 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.466 ng/ul

RT: 15.298 min Scan# 2059

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Tgt Ion:232 Resp: 321008

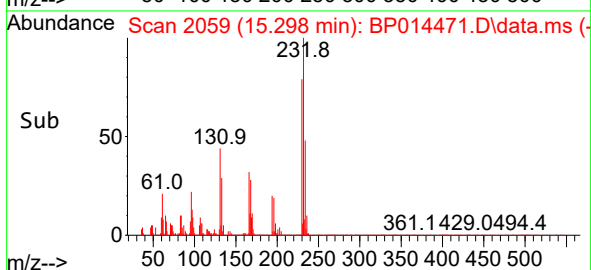
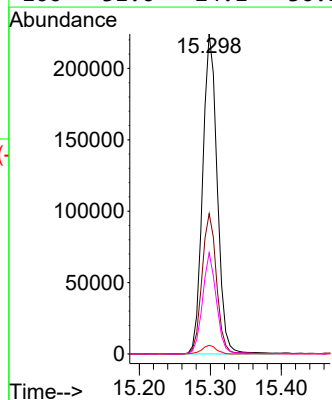
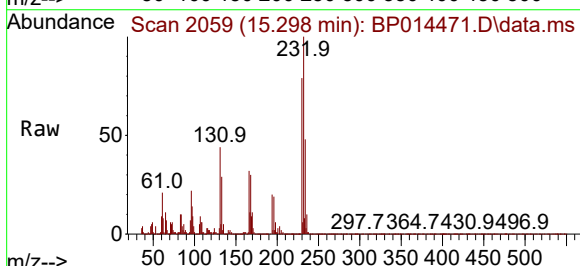
Ion Ratio Lower Upper

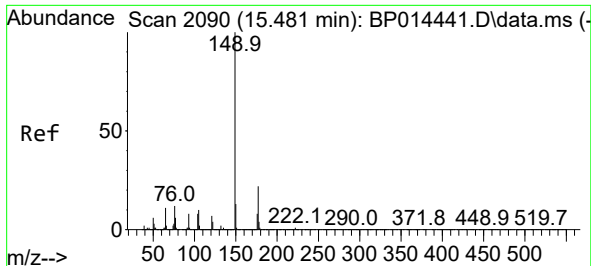
232 100

131 43.8 35.0 52.4

130 2.7 1.9 2.9

166 31.6 24.1 36.1

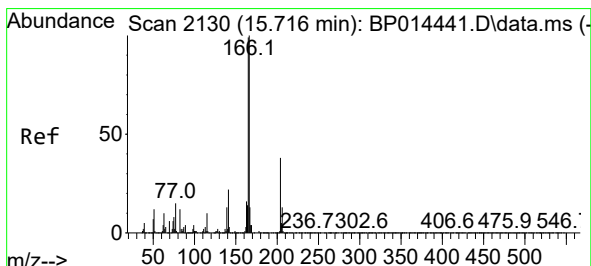
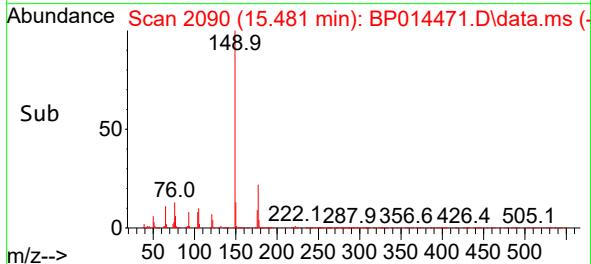
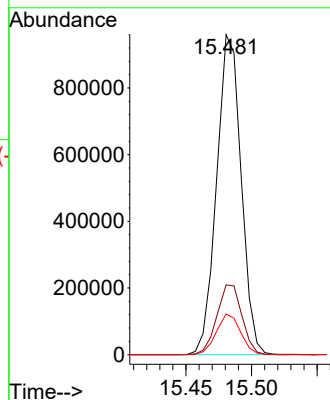
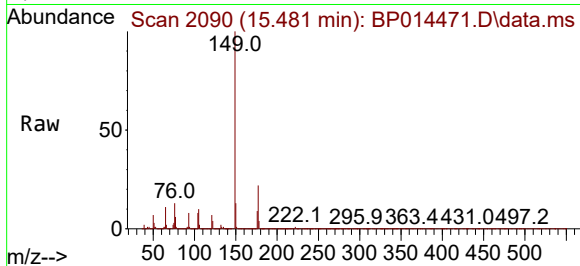




#59
Diethylphthalate
Concen: 31.995 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

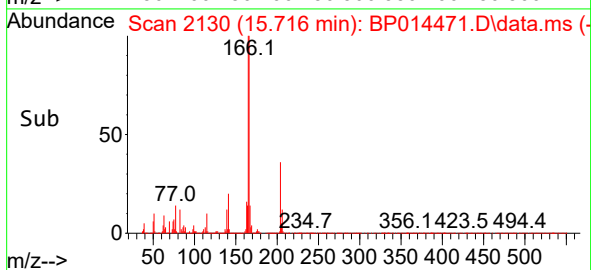
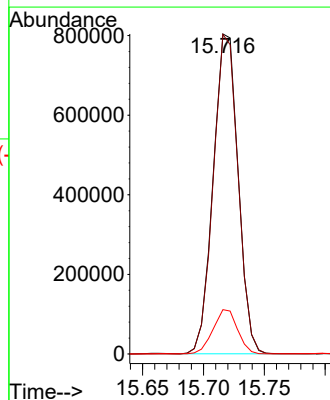
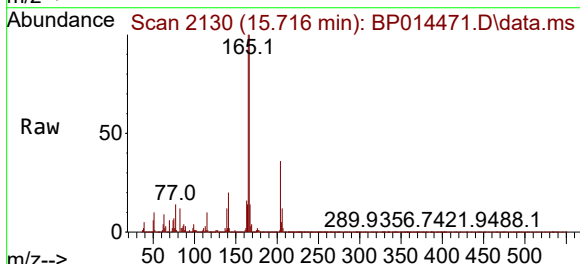
Instrument :
BNA_P
ClientSampleId :
SLCS754

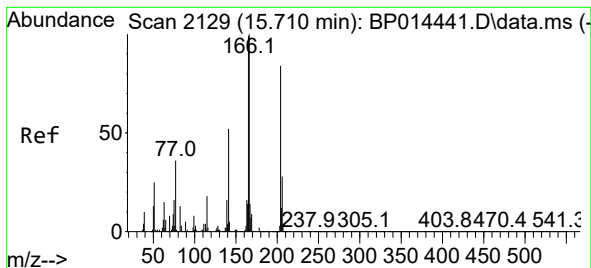
Tgt Ion:149 Resp: 1245606
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.7 9.8 14.8



#61
Fluorene
Concen: 30.729 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:166 Resp: 1145649
Ion Ratio Lower Upper
166 100
165 99.9 79.2 118.8
167 13.9 11.0 16.4

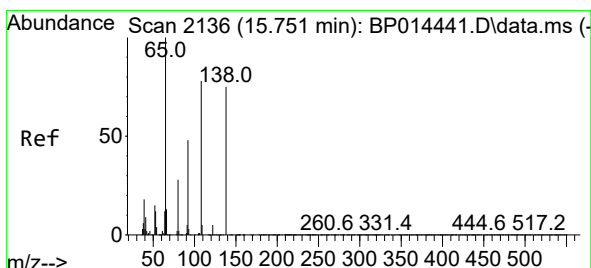
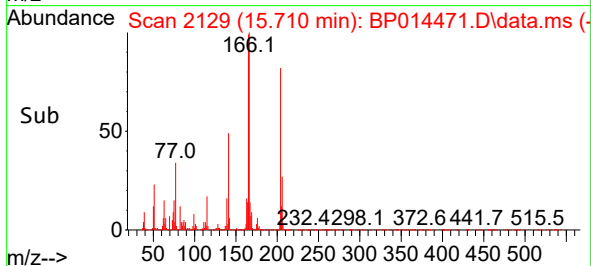
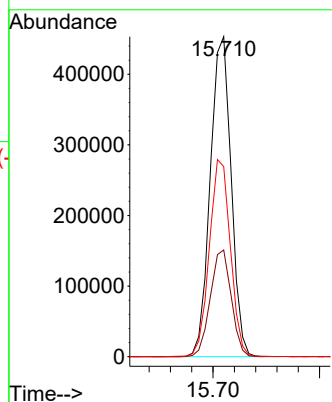
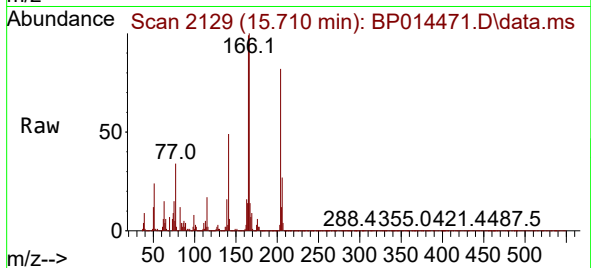




#62
4-Chlorophenyl-phenylether
Concen: 30.737 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

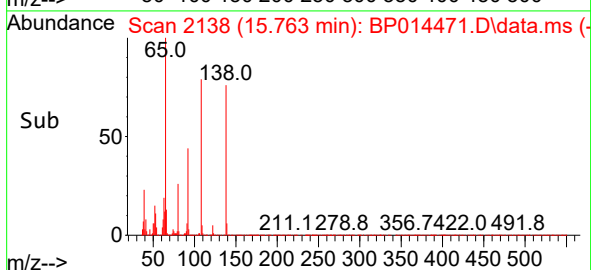
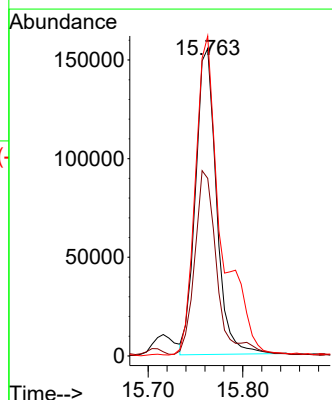
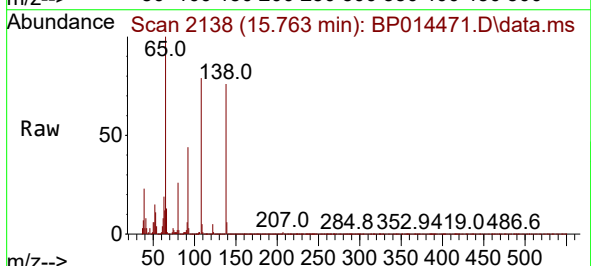
Instrument :
BNA_P
ClientSampleId :
SLCS754

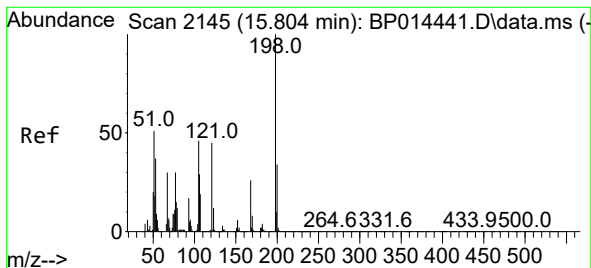
Tgt Ion:204 Resp: 615665
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 59.4 51.3 76.9



#63
4-Nitroaniline
Concen: 42.743 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:138 Resp: 238145
Ion Ratio Lower Upper
138 100
92 57.8 47.8 71.6
108 104.1 82.3 123.5

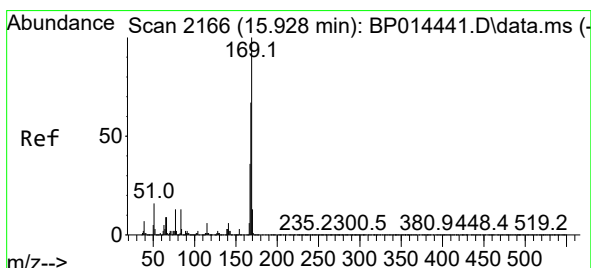
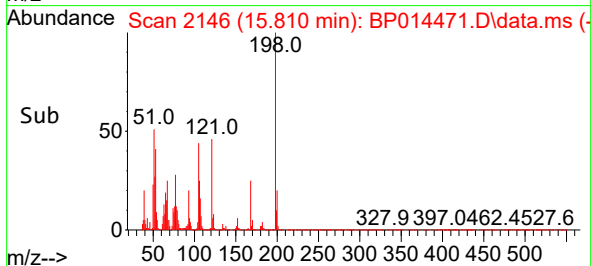
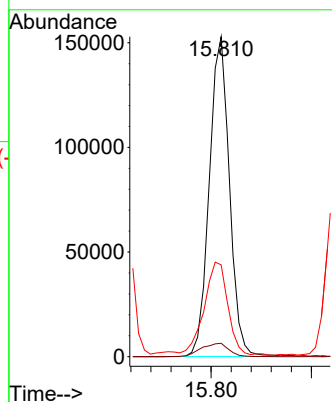
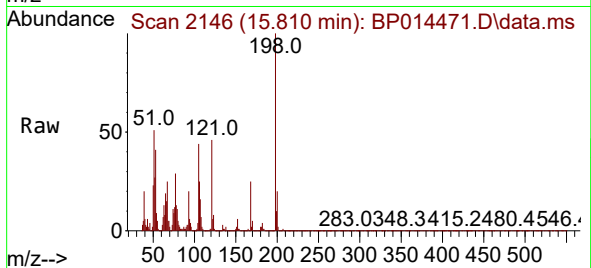




#66
4,6-Dinitro-2-methylphenol
Concen: 27.936 ng/ul
RT: 15.810 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

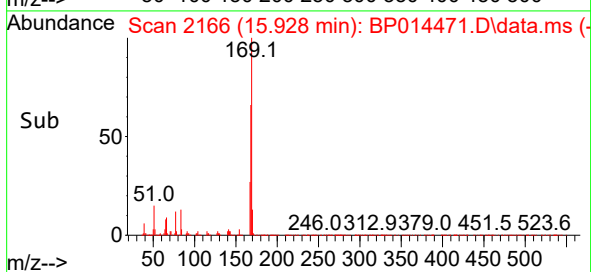
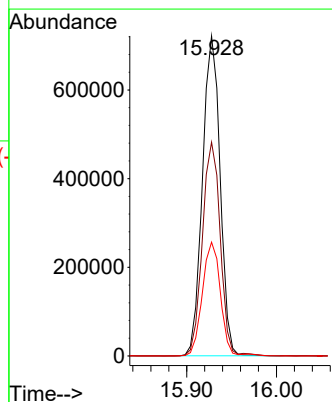
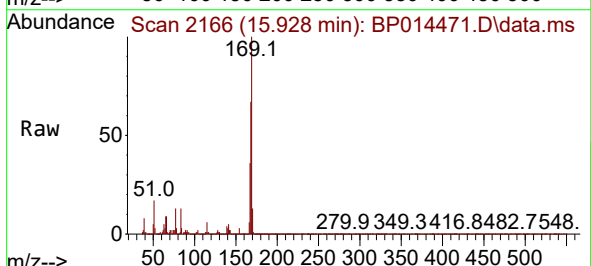
Instrument :
BNA_P
ClientSampleId :
SLCS754

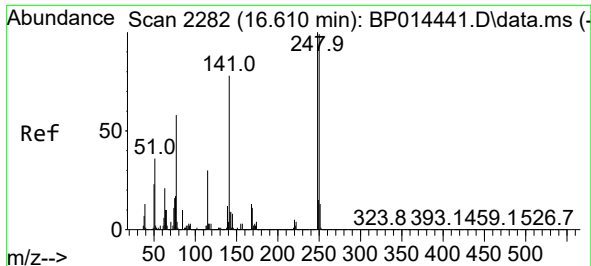
Tgt Ion:198 Resp: 213334
Ion Ratio Lower Upper
198 100
182 4.2 3.5 5.3
77 28.7 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 29.543 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:169 Resp: 984360
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 35.6 29.4 44.2

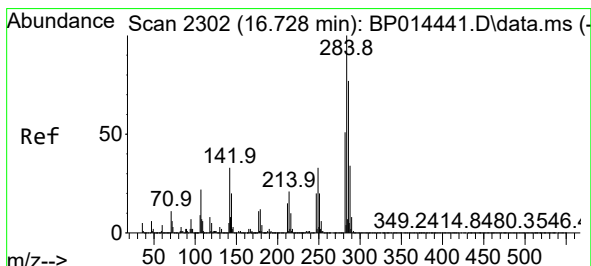
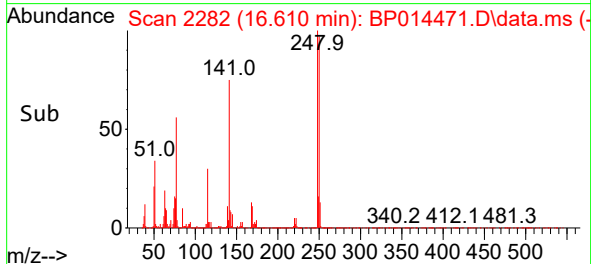
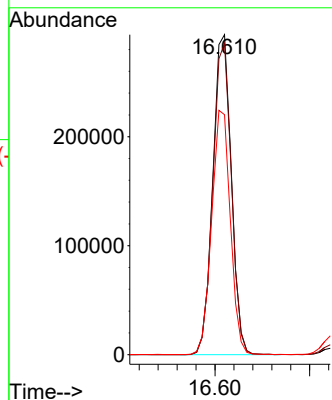
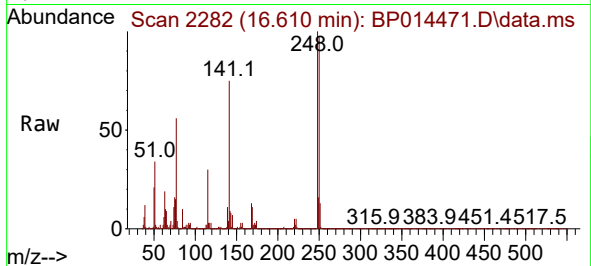




#68
4-Bromophenyl-phenylether
Concen: 29.903 ng/ul
RT: 16.610 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

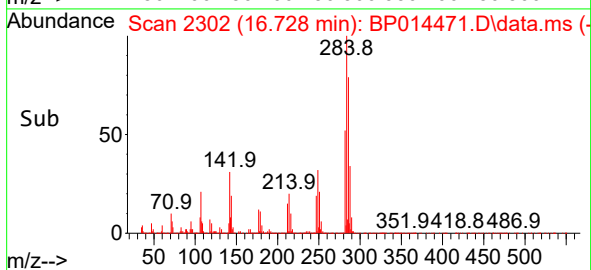
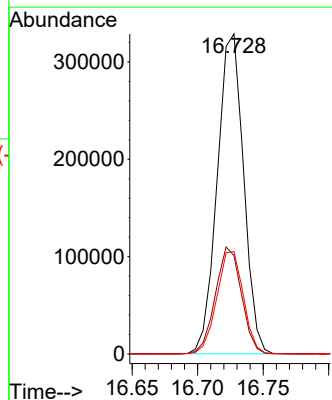
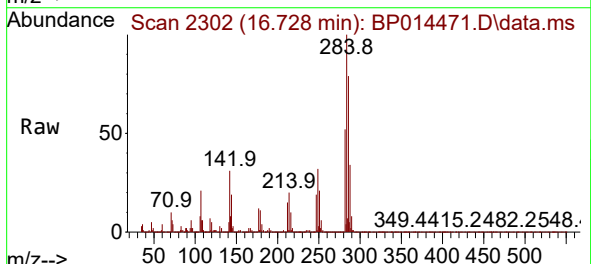
Instrument :
BNA_P
ClientSampleId :
SLCS754

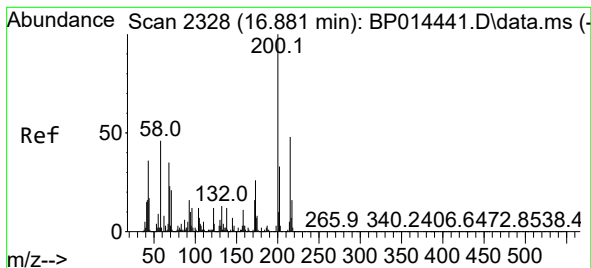
Tgt Ion:248 Resp: 398487
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 75.0 66.0 99.0



#69
Hexachlorobenzene
Concen: 30.003 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP014471.D
Acq: 01 Apr 2023 07:10

Tgt Ion:284 Resp: 459258
Ion Ratio Lower Upper
284 100
142 30.7 26.6 39.8
249 32.0 25.7 38.5





#70

Atrazine

Concen: 12.931 ng/ul

RT: 16.886 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

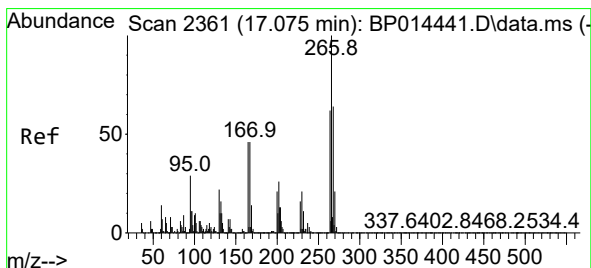
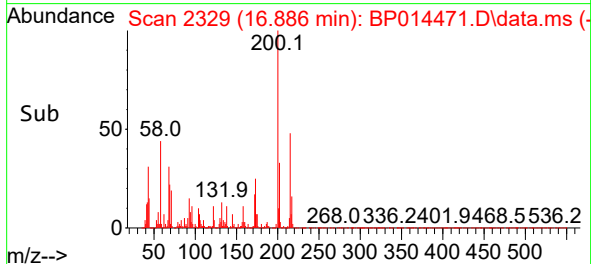
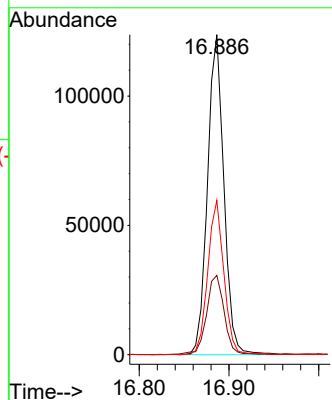
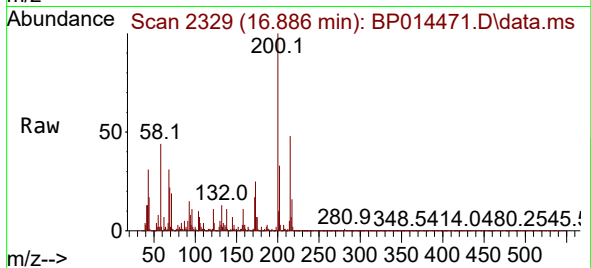
Tgt Ion:200 Resp: 156840

Ion Ratio Lower Upper

200 100

173 24.8 20.6 30.8

215 48.3 37.2 55.8



#71

Pentachlorophenol

Concen: 26.805 ng/ul

RT: 17.081 min Scan# 2362

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

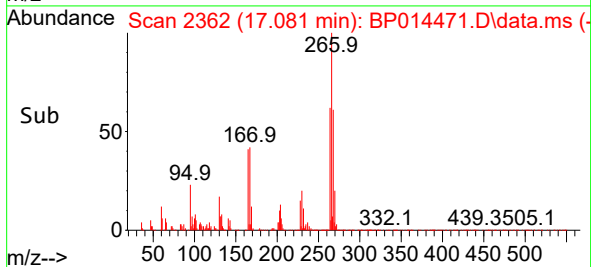
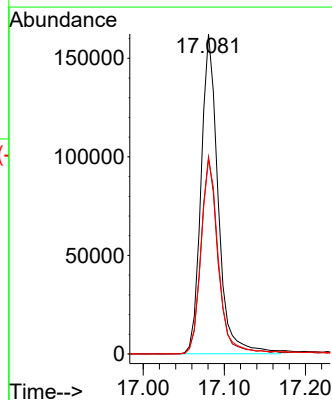
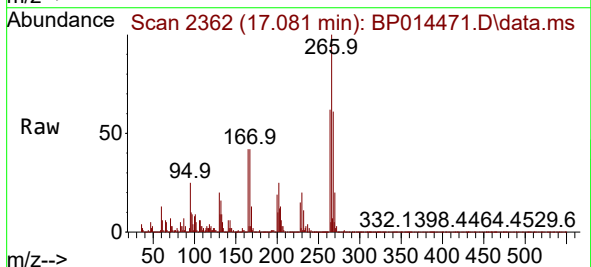
Tgt Ion:266 Resp: 237699

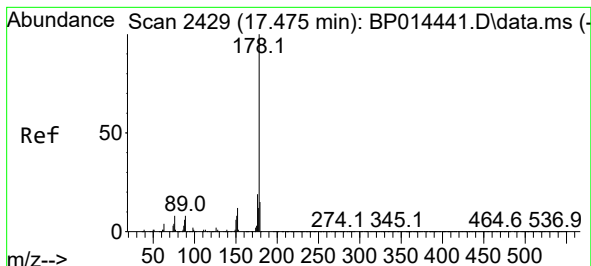
Ion Ratio Lower Upper

266 100

264 61.5 51.0 76.4

268 61.0 51.4 77.2





#72

Phenanthrene

Concen: 30.696 ng/ul

RT: 17.475 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

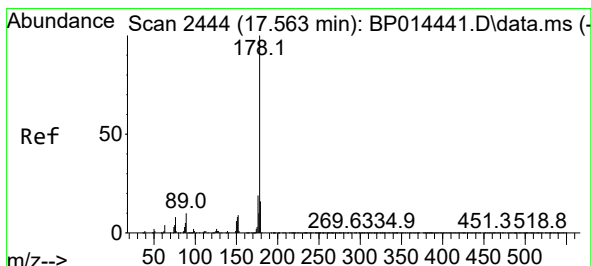
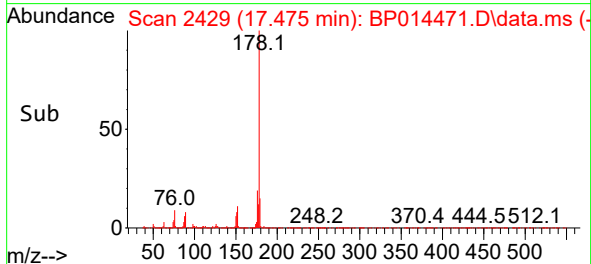
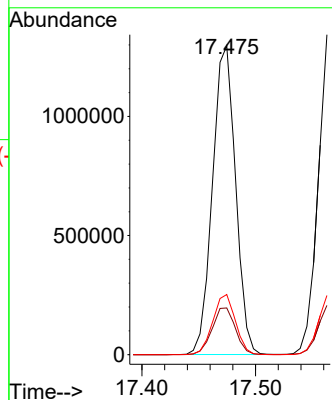
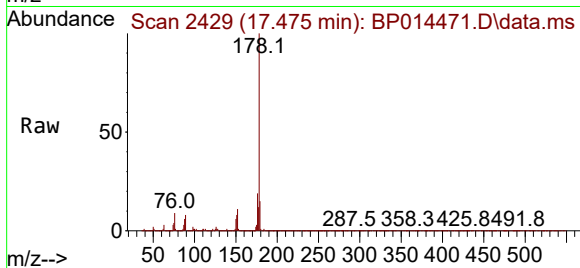
Tgt Ion:178 Resp: 1828839

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.5 15.3 22.9



#74

Anthracene

Concen: 31.002 ng/ul

RT: 17.563 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

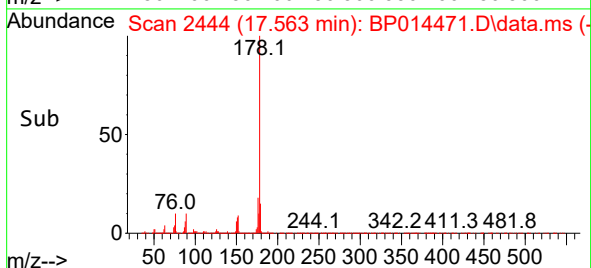
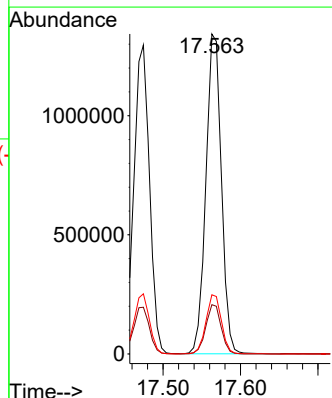
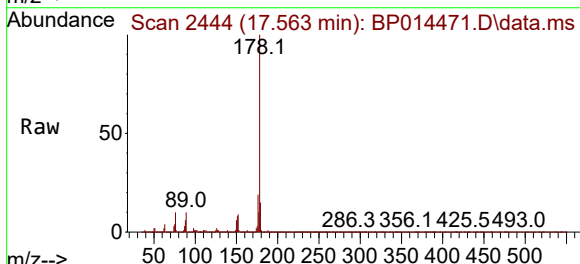
Tgt Ion:178 Resp: 1861594

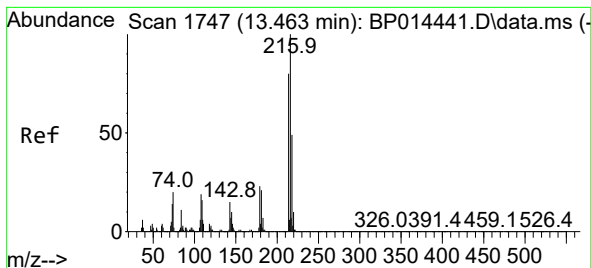
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.976 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

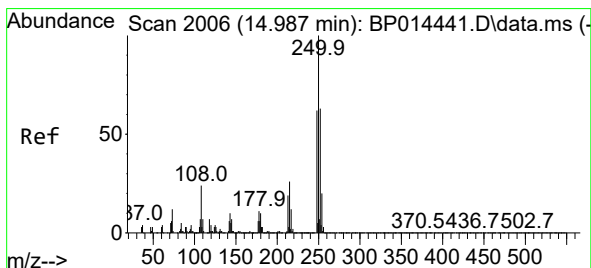
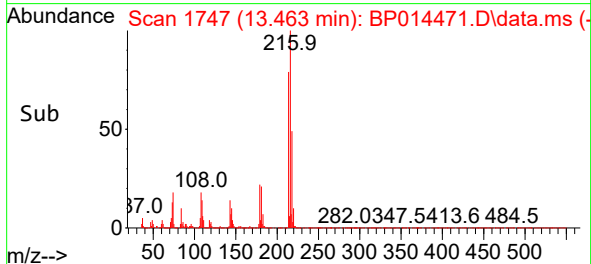
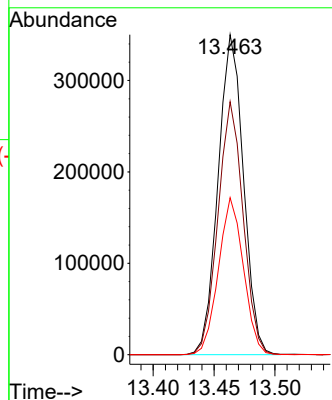
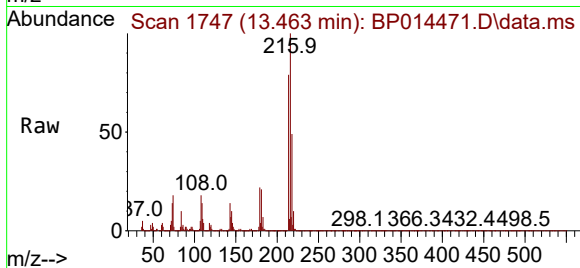
Tgt Ion:216 Resp: 508524

Ion Ratio Lower Upper

216 100

214 79.1 61.0 91.6

218 49.1 38.7 58.1



#76

Pentachlorobenzene

Concen: 28.364 ng/uL

RT: 14.981 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

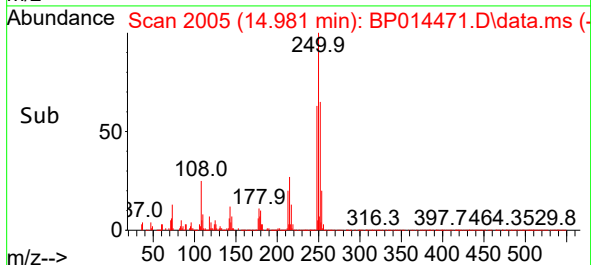
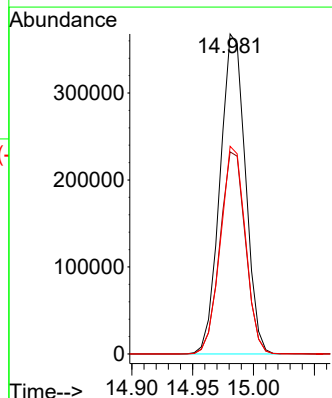
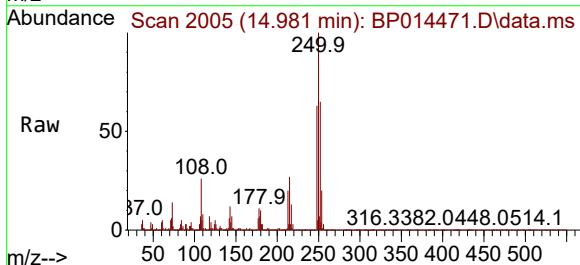
Tgt Ion:250 Resp: 533517

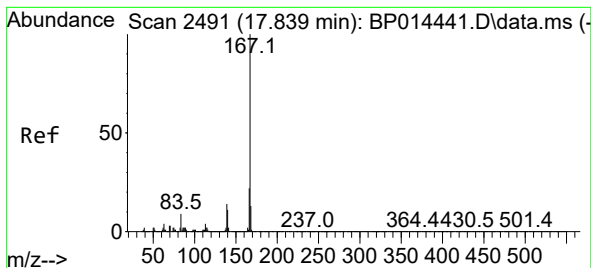
Ion Ratio Lower Upper

250 100

248 63.2 49.0 73.6

252 64.9 50.7 76.1





#77

Carbazole

Concen: 32.719 ng/ul

RT: 17.839 min Scan# 2491

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

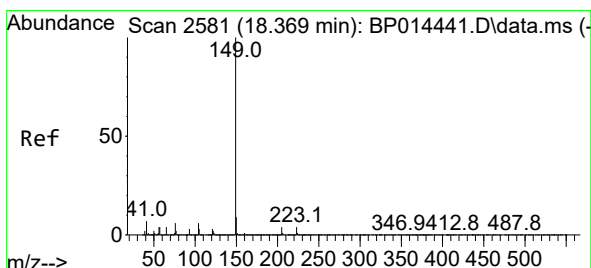
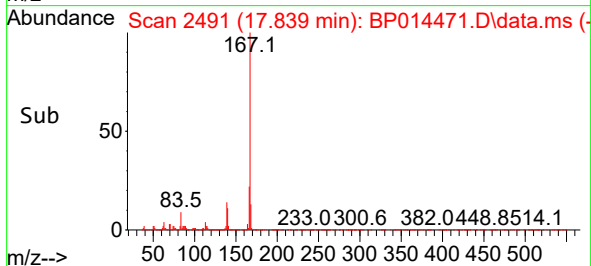
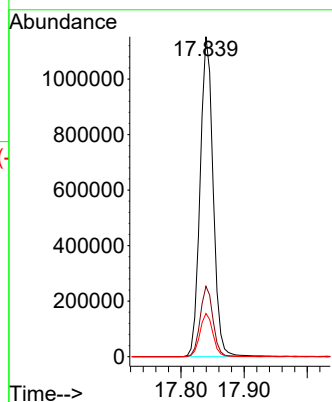
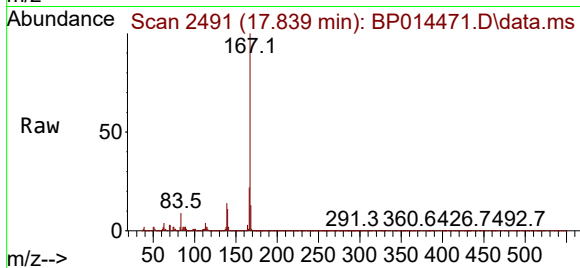
Tgt Ion:167 Resp: 1644195

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.5 11.3 16.9



#78

Di-n-butylphthalate

Concen: 35.213 ng/ul

RT: 18.369 min Scan# 2581

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

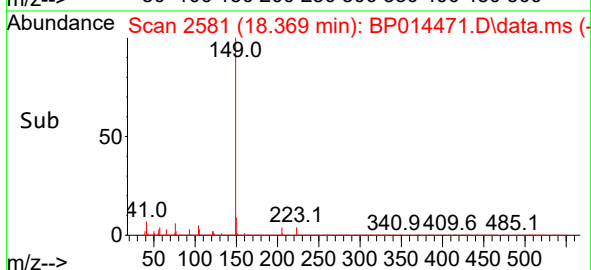
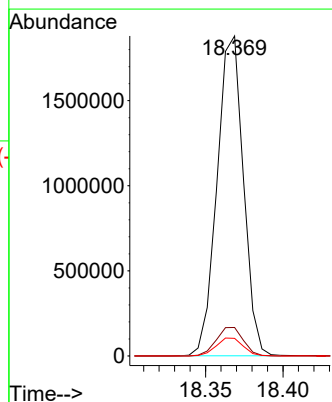
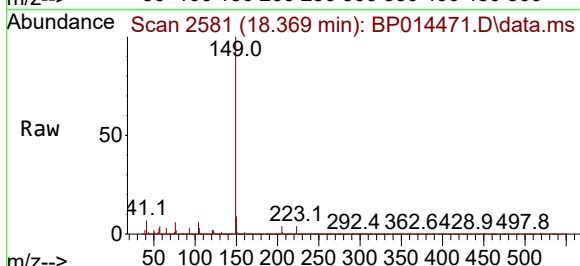
Tgt Ion:149 Resp: 2224972

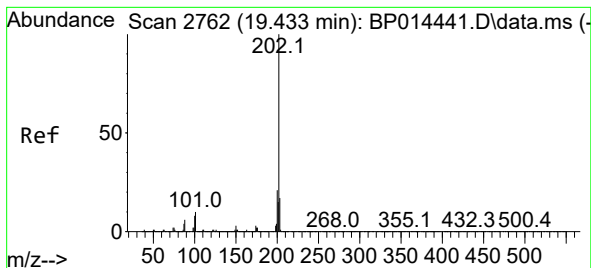
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.5 4.8 7.2





#80

Fluoranthene

Concen: 30.543 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

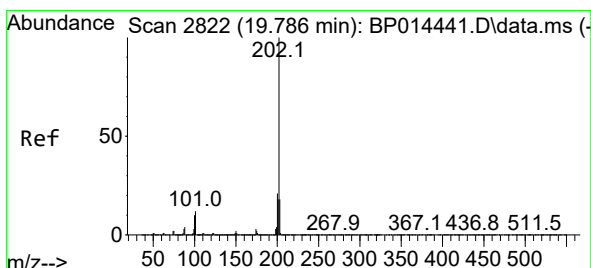
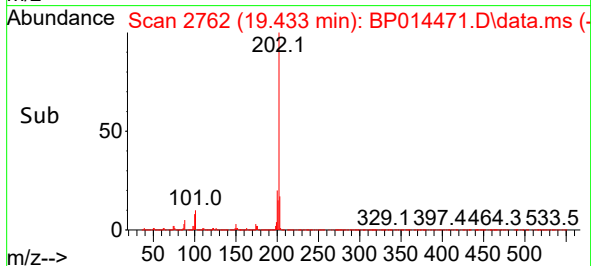
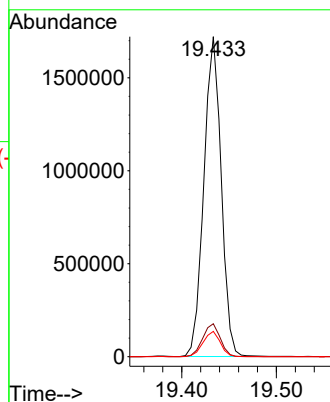
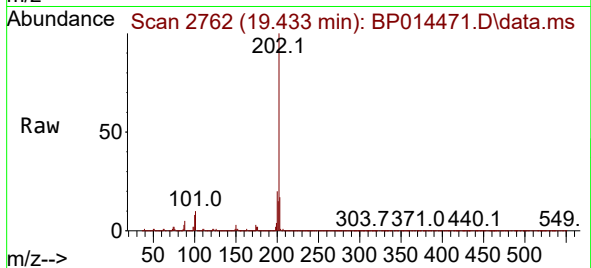
Tgt Ion:202 Resp: 2184906

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

100 7.9 6.4 9.6



#82

Pyrene

Concen: 29.726 ng/ul

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

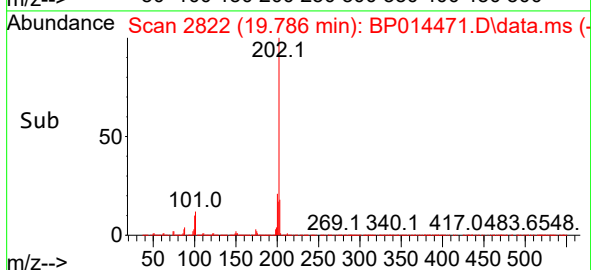
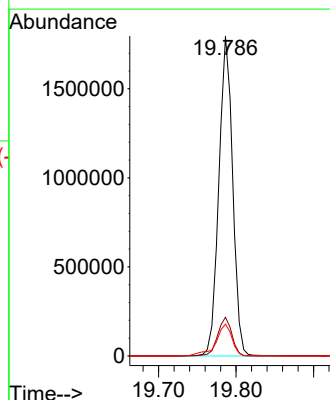
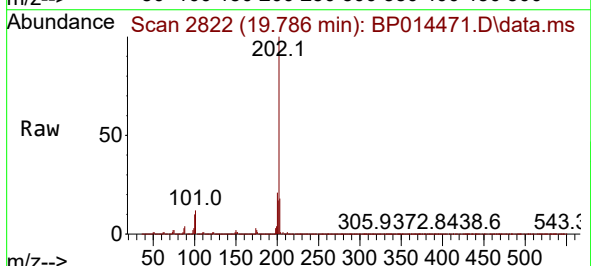
Tgt Ion:202 Resp: 2220093

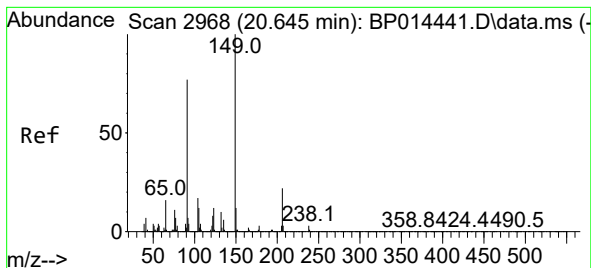
Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

100 10.0 8.0 12.0





#83

Butylbenzylphthalate

Concen: 38.239 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

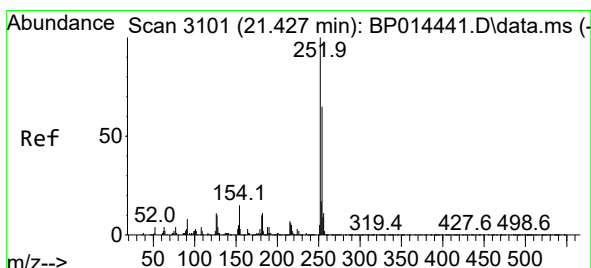
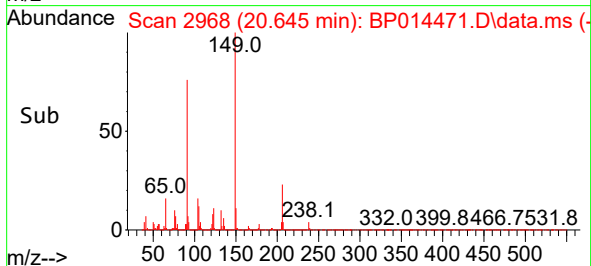
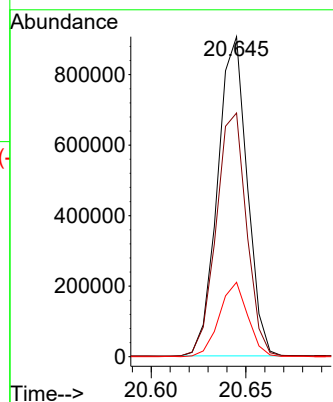
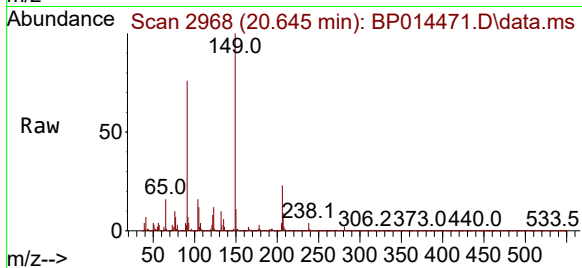
Tgt Ion:149 Resp: 983718

Ion Ratio Lower Upper

149 100

91 76.1 61.8 92.8

206 23.3 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 31.122 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

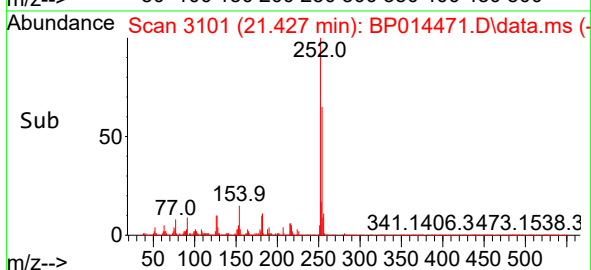
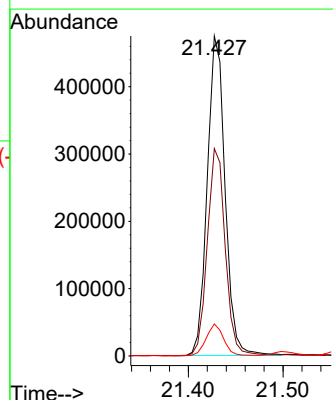
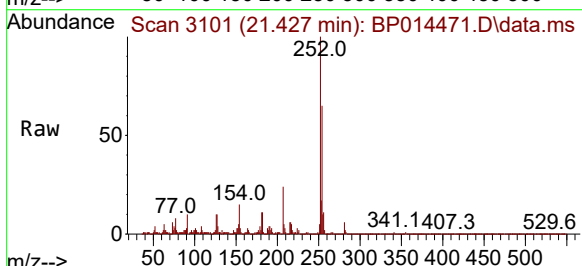
Tgt Ion:252 Resp: 619971

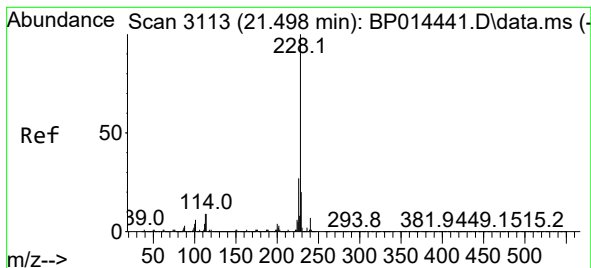
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 31.511 ng/ul

RT: 21.504 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

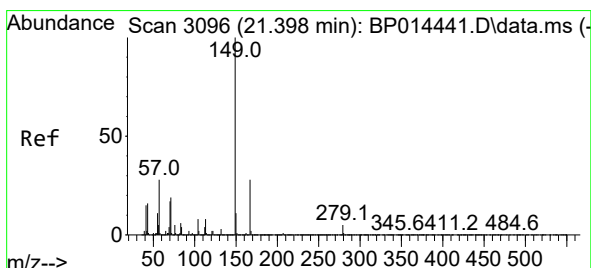
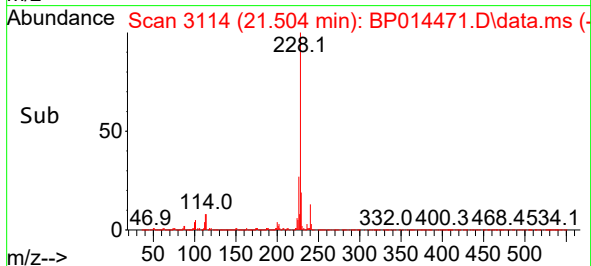
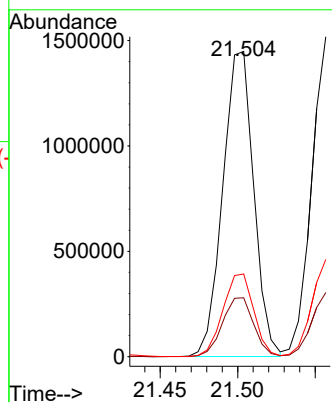
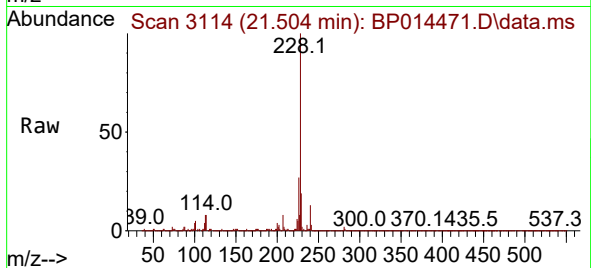
Tgt Ion:228 Resp: 2011313

Ion Ratio Lower Upper

228 100

229 19.3 15.6 23.4

226 27.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.244 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

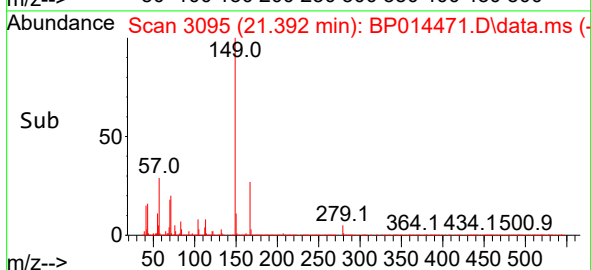
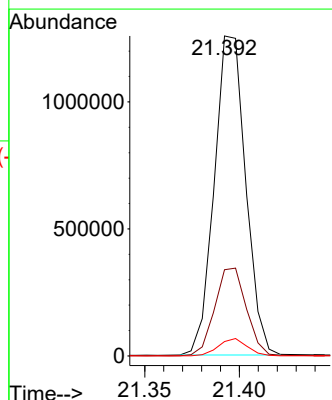
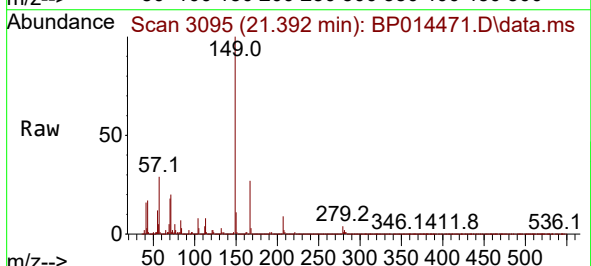
Tgt Ion:149 Resp: 1450899

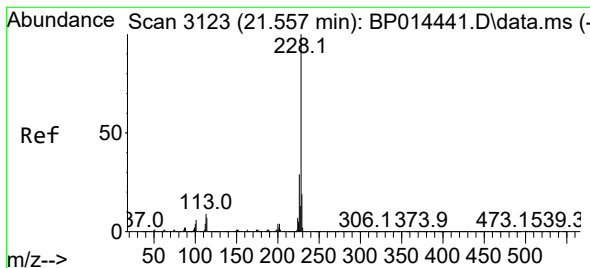
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 4.5 3.7 5.5





#87

Chrysene

Concen: 31.143 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

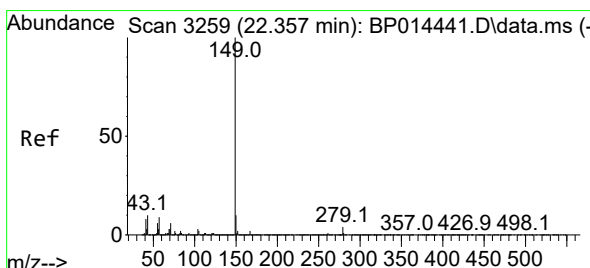
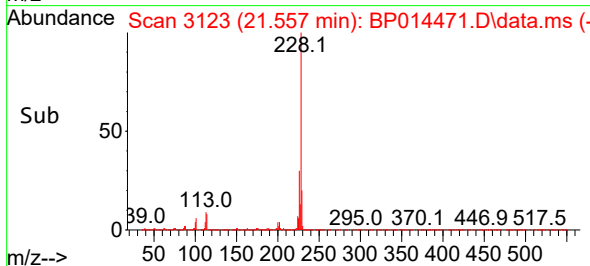
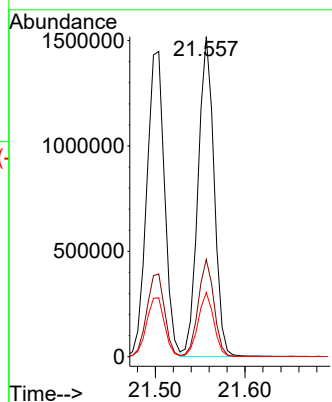
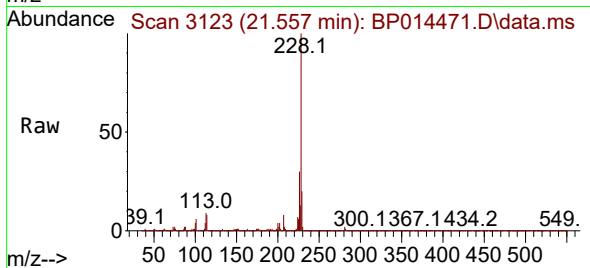
Tgt Ion:228 Resp: 1876945

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 20.1 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 43.216 ng/ul

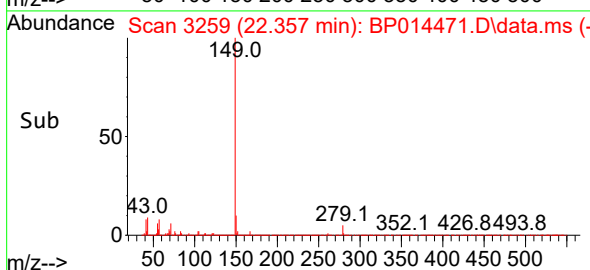
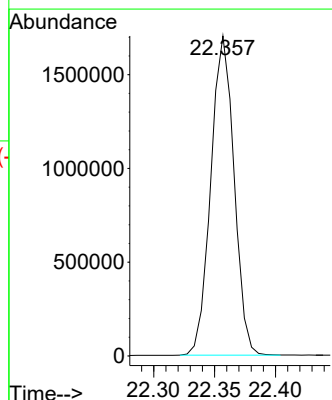
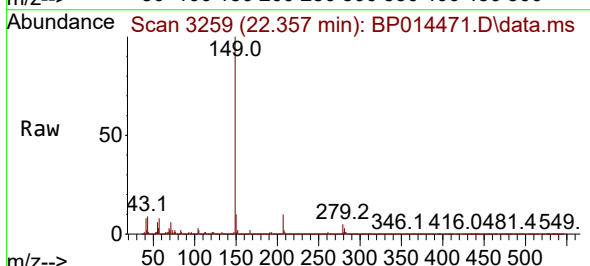
RT: 22.357 min Scan# 3259

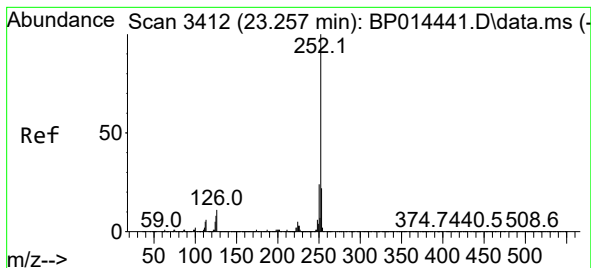
Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Tgt Ion:149 Resp: 2265270





#90

Benzo(b)fluoranthene

Concen: 32.074 ng/ul

RT: 23.263 min Scan# 3412

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

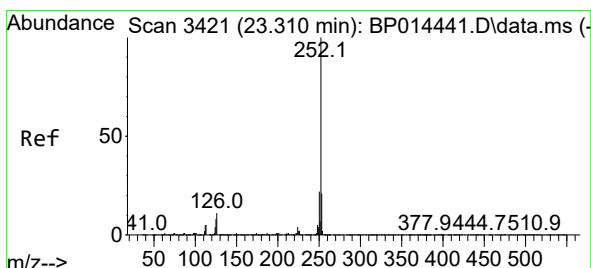
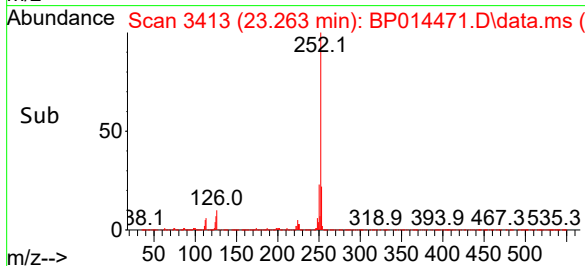
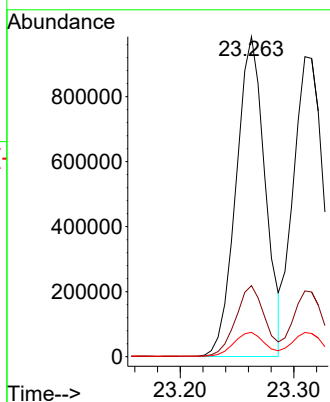
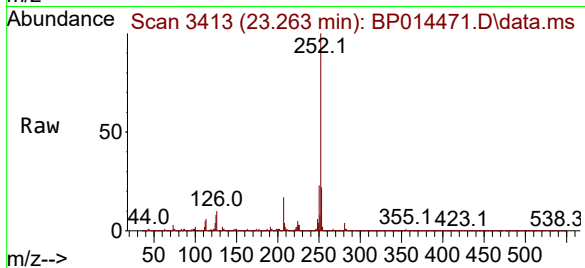
Tgt Ion:252 Resp: 1749731

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 7.6 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 32.061 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.000 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

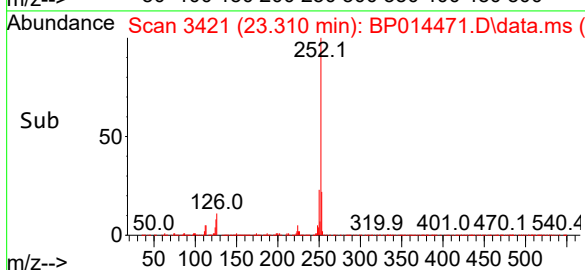
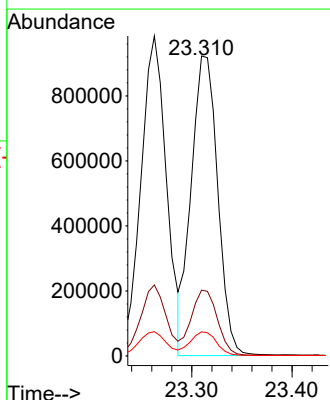
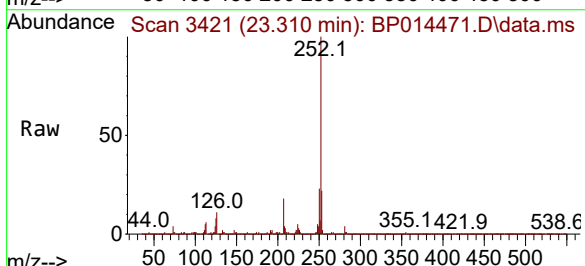
Tgt Ion:252 Resp: 1698705

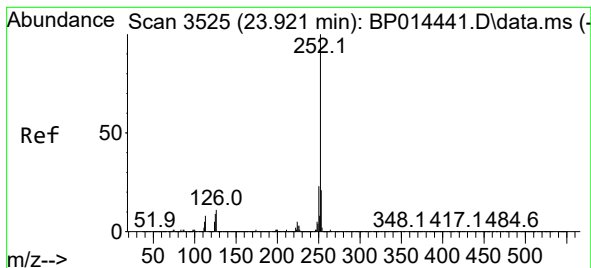
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.1 6.9 10.3





#93

Benzo(a)pyrene

Concen: 31.515 ng/ul

RT: 23.927 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

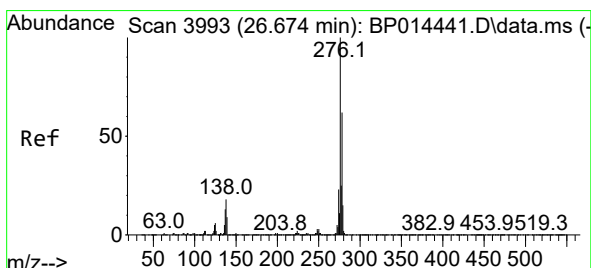
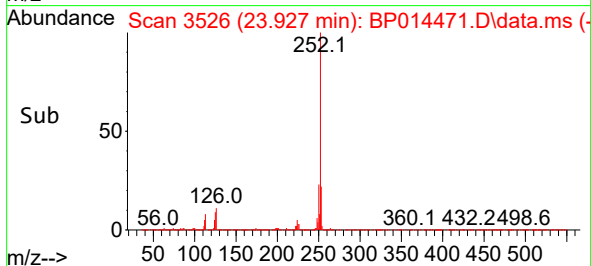
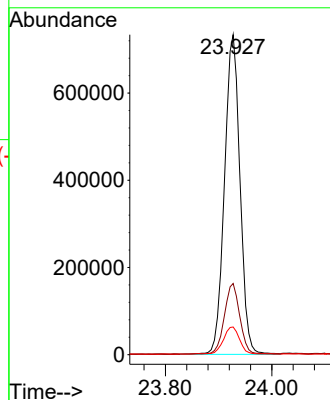
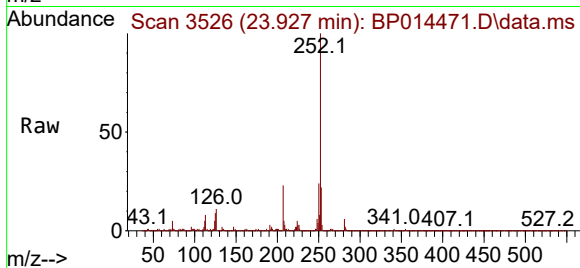
Tgt Ion:252 Resp: 1479847

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 8.6 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.154 ng/ul

RT: 26.686 min Scan# 3995

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

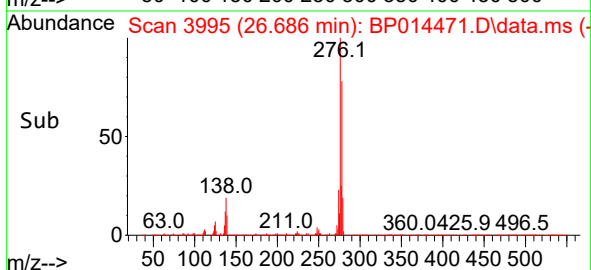
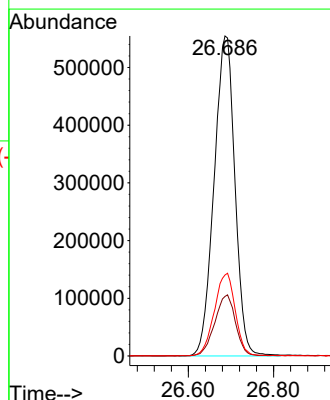
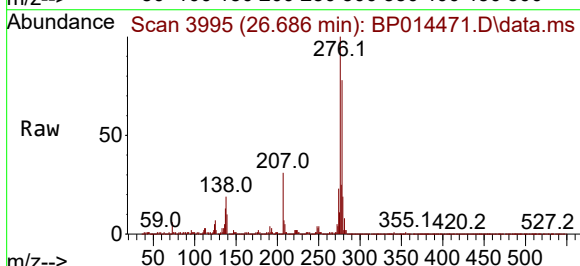
Tgt Ion:276 Resp: 1883371

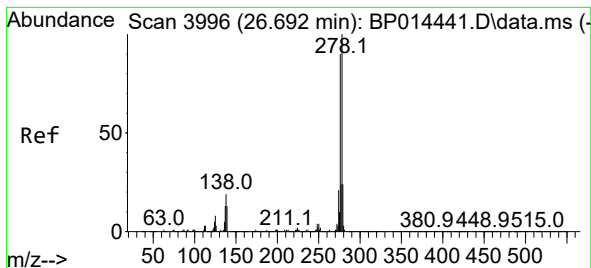
Ion Ratio Lower Upper

276 100

138 18.6 14.9 22.3

277 25.3 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 29.084 ng/ul

RT: 26.698 min Scan# 3997

Delta R.T. 0.006 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Instrument :

BNA_P

ClientSampleId :

SLCS754

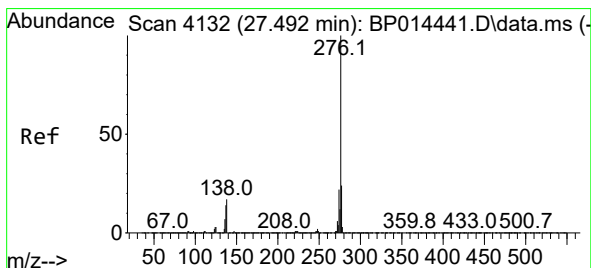
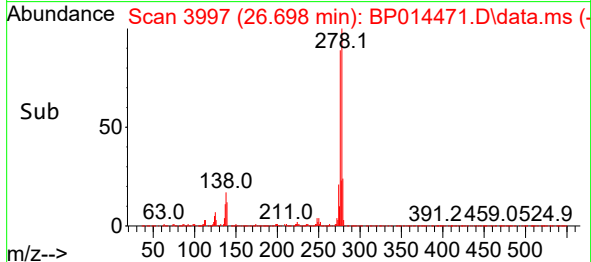
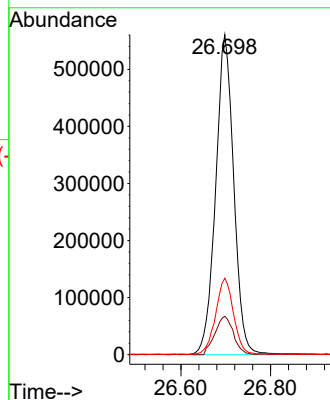
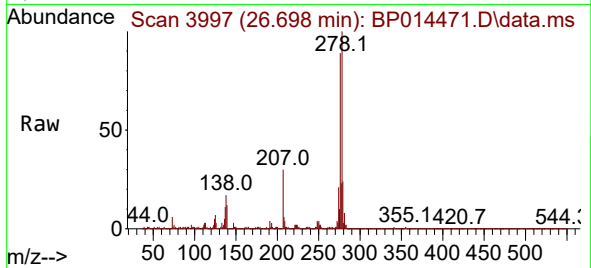
Tgt Ion:278 Resp: 1573091

Ion Ratio Lower Upper

278 100

139 12.0 10.4 15.6

279 23.9 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 28.679 ng/ul

RT: 27.504 min Scan# 4134

Delta R.T. 0.012 min

Lab File: BP014471.D

Acq: 01 Apr 2023 07:10

Tgt Ion:276 Resp: 1510212

Ion Ratio Lower Upper

276 100

138 16.2 13.0 19.4

277 23.7 18.4 27.6

