

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014470.D
 Acq On : 01 Apr 2023 06:37
 Operator : CG/JU
 Sample : PB151752BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS752

Quant Time: Apr 03 00:41:38 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	190871	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	855249	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	582749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1268668	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	975422	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	894303	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23861	4.848	ng/uL	0.00
4) Pyridine-d5	3.822	84	217156	17.216	ng/u1	0.00
7) Phenol-d5	7.187	99	522530	29.684	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	316742	28.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	380497	29.906	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	426743	30.054	ng/u1	0.01
21) Nitrobenzene-d5	9.193	128	194155	28.121	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	235245	29.756	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	429312	29.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	99743	5.259	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1359946	28.782	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1483238	28.290	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	188651	26.428	ng/u1	0.02
60) Fluorene-d10	15.663	176	1117281	28.355	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	245556	26.305	ng/u1	0.00
73) Anthracene-d10	17.533	188	1760362	28.671	ng/u1	0.00
81) Pyrene-d10	19.757	212	1947614	29.726	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1372542	28.887	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	51175	9.461	ng/uL	95
5) Pyridine	3.840	79	310158	23.497	ng/u1	98
6) Benzaldehyde	7.152	77	292745	33.458	ng/u1	97
8) Phenol	7.216	94	531178	29.088	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	396680	27.032	ng/u1	99
12) 2-Chlorophenol	7.575	128	378637	28.593	ng/u1	95
13) 2-Methylphenol	8.475	108	392084	28.791	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.540	45	535537	27.795	ng/u1	99
16) Acetophenone	8.852	105	665036	28.363	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	366594	28.941	ng/u1	96
18) 4-Methylphenol	8.805	108	433002	28.952	ng/u1	95
19) Hexachloroethane	9.093	117	165400	28.586	ng/u1	96
22) Nitrobenzene	9.234	77	537719	27.110	ng/u1	99
23) Isophorone	9.763	82	1030946	28.197	ng/u1	98
25) 2-Nitrophenol	9.946	139	232520	27.865	ng/u1	99
26) 2,4-Dimethylphenol	10.010	107	516087	27.632	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.240	93	590503	26.939	ng/u1	97
29) 2,4-Dichlorophenol	10.493	162	405943	28.649	ng/u1	97
30) Naphthalene	10.887	128	1274188	26.747	ng/u1	98
32) 4-Chloroaniline	11.010	127	319409	16.628	ng/u1	98
33) Hexachlorobutadiene	11.157	225	297363	26.489	ng/u1	98
34) Caprolactam	11.822	113	97900	23.387	ng/u1	92
35) 4-Chloro-3-methylphenol	12.140	107	503703	28.901	ng/u1	98
36) 2-Methylnaphthalene	12.493	142	879377	27.238	ng/u1	100

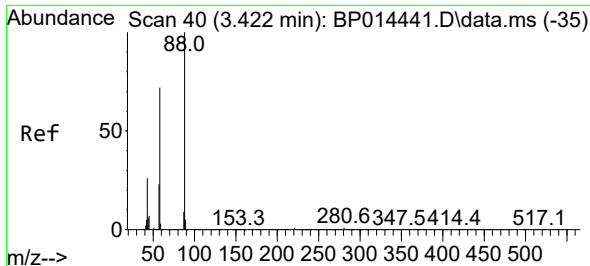
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	909965	28.420	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.857	216	553360	26.633	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	300847	22.359	ng/ul	96
41) 2,4,6-Trichlorophenol	13.104	196	357110	27.775	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	393275	28.732	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	1239728	26.332	ng/ul	100
44) 2-Chloronaphthalene	13.545	162	981905	26.377	ng/ul	99
45) 2-Nitroaniline	13.763	65	351462	30.487	ng/ul	98
47) Dimethylphthalate	14.122	163	1295631	27.425	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	275201	29.816	ng/ul	99
50) Acenaphthylene	14.392	152	1517079	27.170	ng/ul	100
51) 3-Nitroaniline	14.592	138	258239	31.229	ng/ul	97
52) Acenaphthene	14.734	153	1059708	26.857	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	136610	22.855	ng/ul	96
55) 4-Nitrophenol	14.916	109	181870	25.816	ng/ul	95
56) Dibenzofuran	15.069	168	1492953	26.916	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	394134	30.103	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	339599	27.605	ng/ul	99
59) Diethylphthalate	15.486	149	1348175	28.717	ng/ul	100
61) Fluorene	15.722	166	1228871	27.333	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	663334	27.462	ng/ul	96
63) 4-Nitroaniline	15.763	138	245645	36.562	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	226112	24.994	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1042912	26.421	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	424697	26.902	ng/ul	96
69) Hexachlorobenzene	16.728	284	493790	27.231	ng/ul	97
70) Atrazine	16.886	200	166749	11.605	ng/ul	96
71) Pentachlorophenol	17.081	266	248861	23.689	ng/ul	98
72) Phenanthrene	17.475	178	1925089	27.275	ng/ul	99
74) Anthracene	17.569	178	1956396	27.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	548235	24.550	ng/uL	97
76) Pentachlorobenzene	14.981	250	581747	26.107	ng/uL	98
77) Carbazole	17.839	167	1691888	28.420	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2363604	31.576	ng/ul	99
80) Fluoranthene	19.433	202	2242275	28.945	ng/ul	99
82) Pyrene	19.786	202	2253874	27.868	ng/ul	100
83) Butylbenzylphthalate	20.645	149	989841	35.531	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	591385	27.414	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1925024	27.850	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1419261	37.255	ng/ul	99
87) Chrysene	21.557	228	1835629	28.125	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2145994	36.977	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1678636	27.792	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	1656249	28.234	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1446204	27.817	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	1900956	26.577	ng/ul	100
95) Dibenzo(a,h)anthracene	26.704	278	1588224	26.521	ng/ul	99
96) Benzo(g,h,i)perylene	27.498	276	1546487	26.525	ng/ul	100

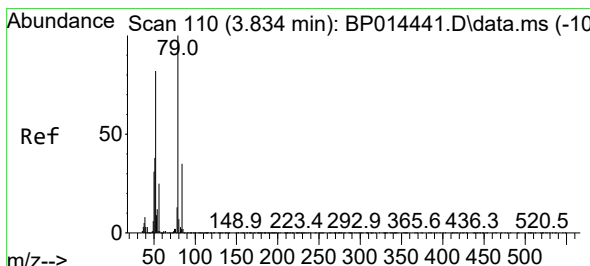
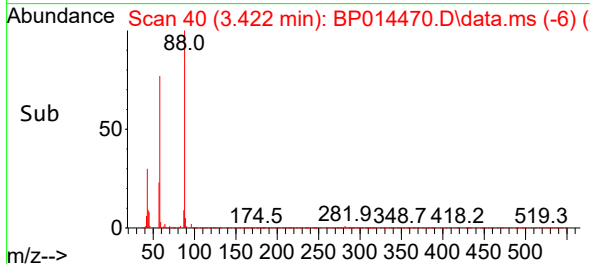
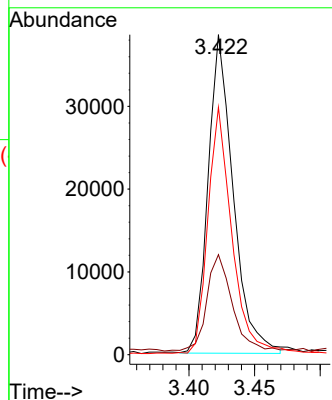
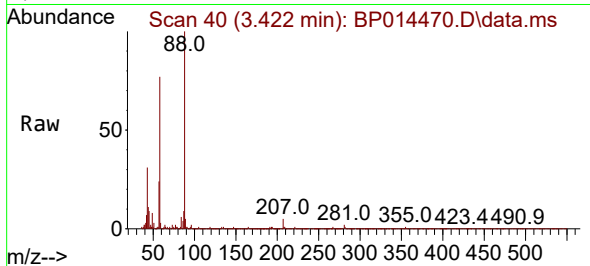
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#2
1,4-Dioxane
Concen: 9.461 ng/uL
RT: 3.422 min Scan# 40
Delta R.T. -0.000 min
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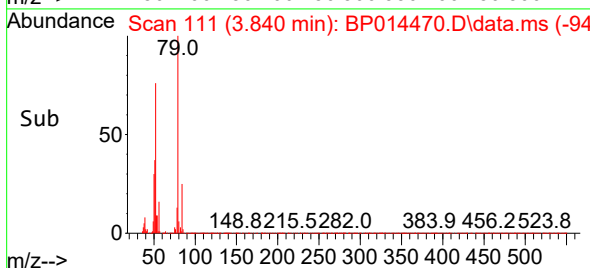
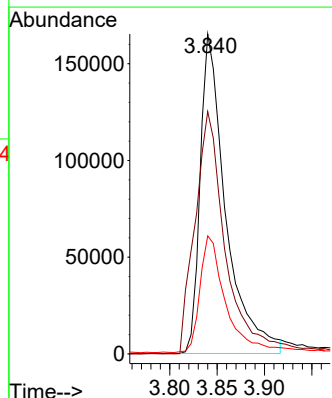
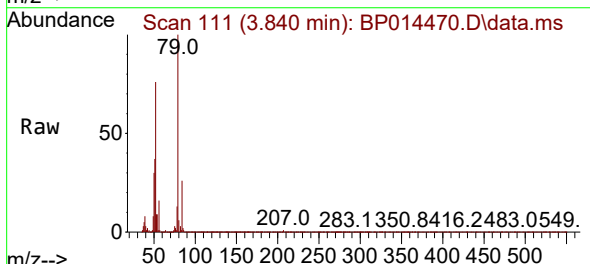
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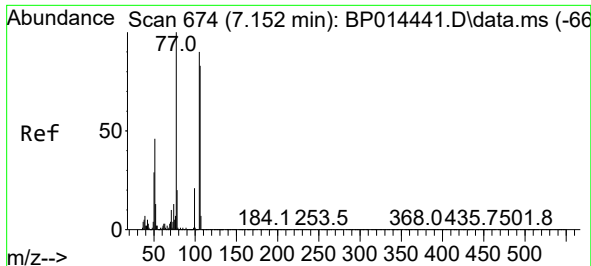
Tgt Ion: 88 Resp: 51175
Ion Ratio Lower Upper
88 100
43 31.3 24.4 36.6
58 77.3 57.4 86.0



#5
Pyridine
Concen: 23.497 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion: 79 Resp: 310158
Ion Ratio Lower Upper
79 100
52 75.7 61.4 92.2
51 36.9 28.5 42.7

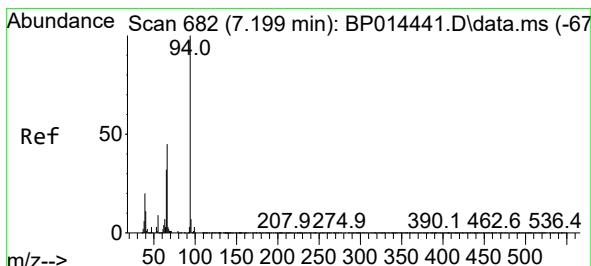
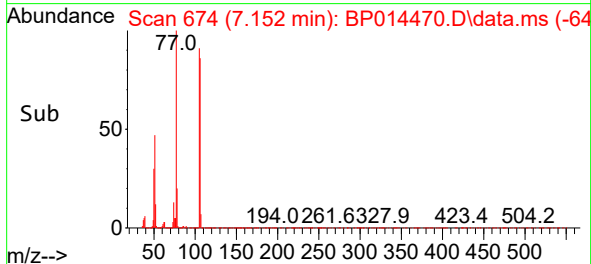
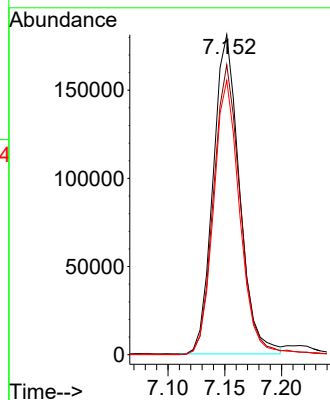
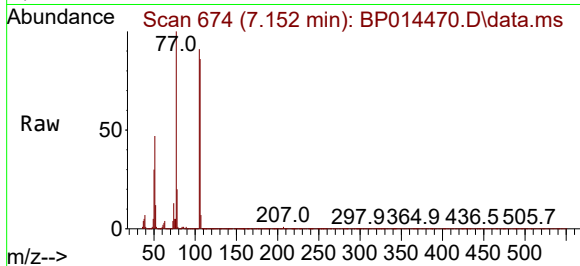




#6
Benzaldehyde
Concen: 33.458 ng/ul
RT: 7.152 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

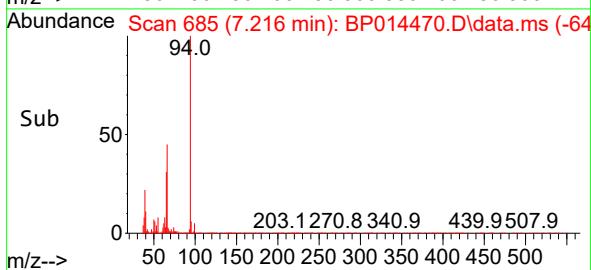
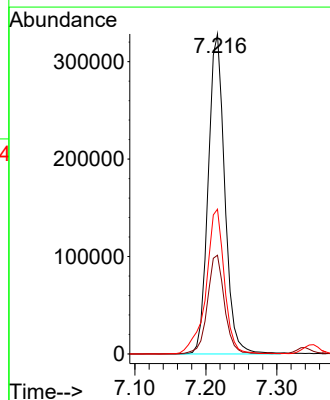
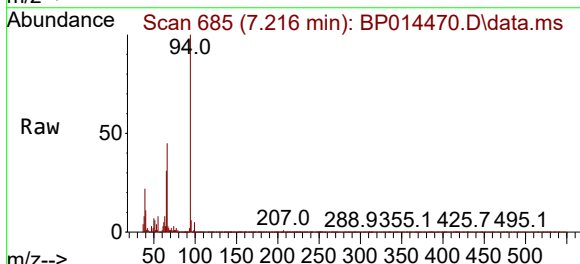
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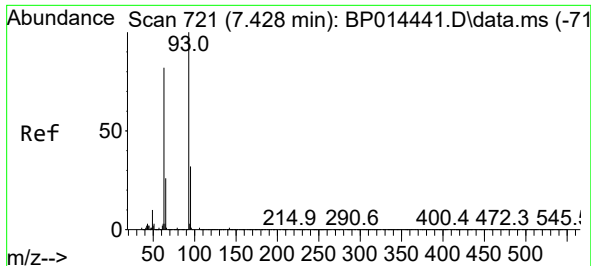
Tgt Ion: 77 Resp: 292745
Ion Ratio Lower Upper
77 100
105 90.6 70.6 105.8
106 85.7 66.5 99.7



#8
Phenol
Concen: 29.088 ng/ul
RT: 7.216 min Scan# 685
Delta R.T. 0.018 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion: 94 Resp: 531178
Ion Ratio Lower Upper
94 100
65 30.8 25.2 37.8
66 45.3 36.2 54.4

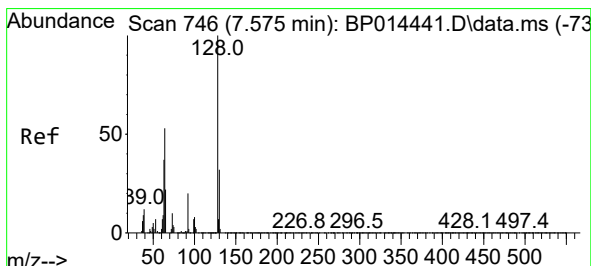
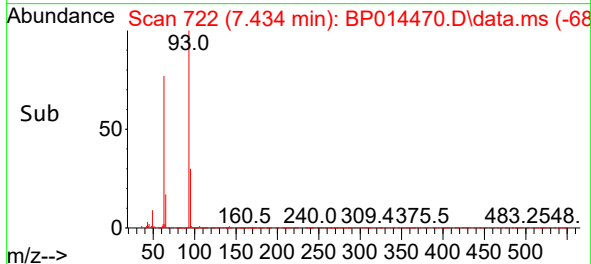
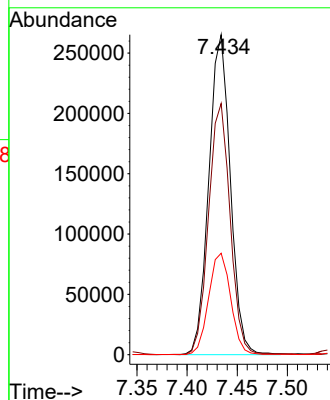
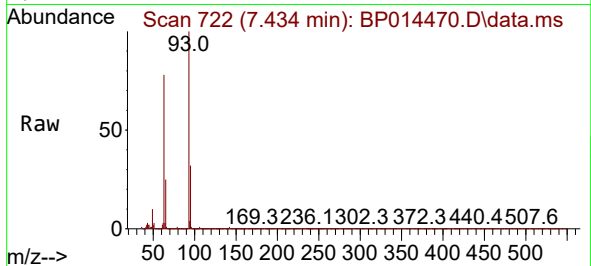




#10
Bis(2-Chloroethyl)ether
Concen: 27.032 ng/ul
RT: 7.434 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

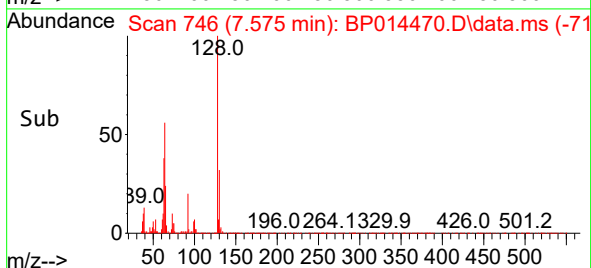
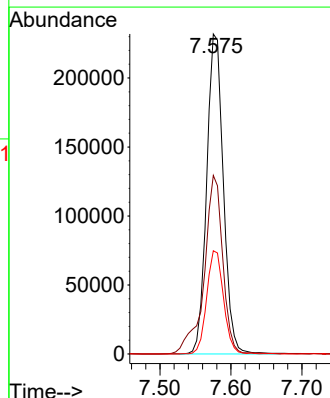
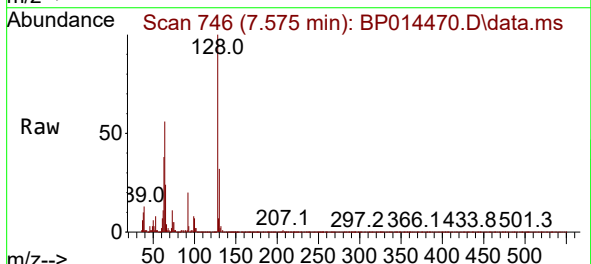
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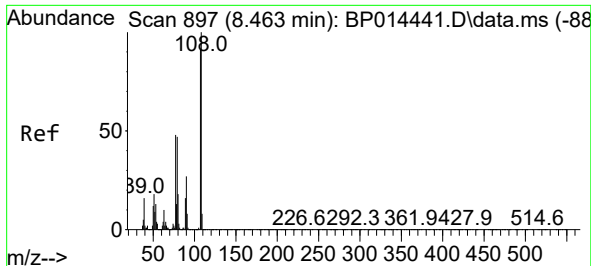
Tgt Ion: 93 Resp: 396680
Ion Ratio Lower Upper
93 100
63 78.5 63.2 94.8
95 31.7 26.0 39.0



#12
2-Chlorophenol
Concen: 28.593 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:128 Resp: 378637
Ion Ratio Lower Upper
128 100
64 55.8 41.4 62.0
130 32.2 24.1 36.1





#13

2-Methylphenol

Concen: 28.791 ng/ul

RT: 8.475 min Scan# 897

Delta R.T. 0.012 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

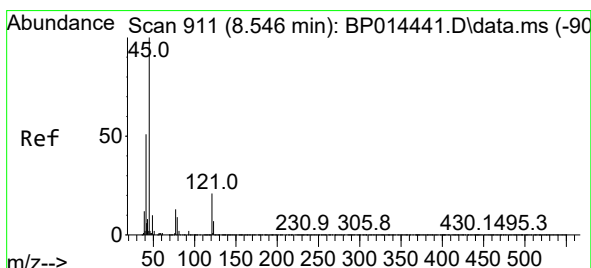
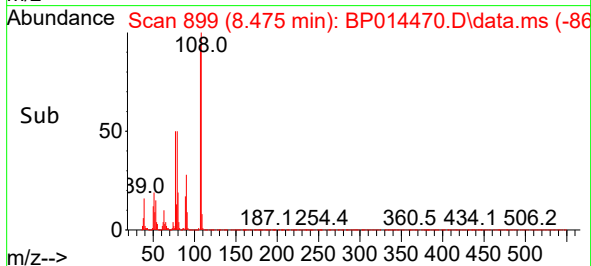
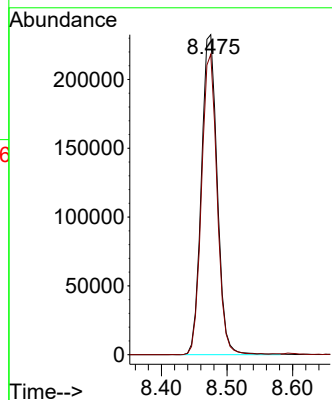
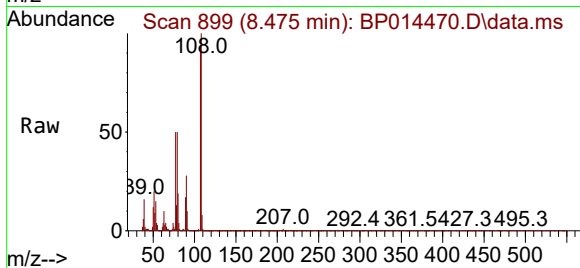
SLCS752

Tgt Ion:108 Resp: 392084

Ion Ratio Lower Upper

108 100

107 93.9 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.795 ng/ul

RT: 8.540 min Scan# 910

Delta R.T. -0.000 min

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Acq: 01 Apr 2023 06:37

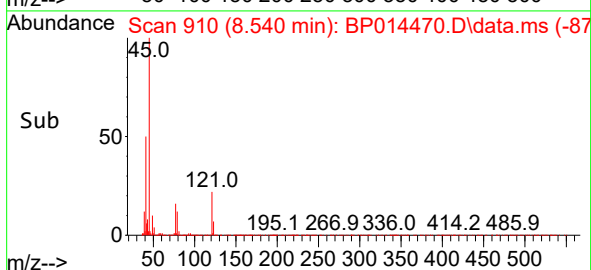
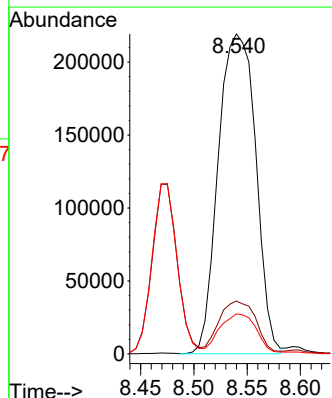
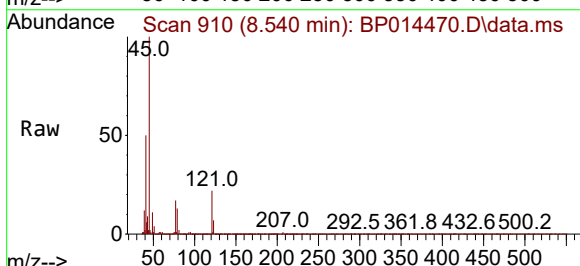
Tgt Ion: 45 Resp: 535537

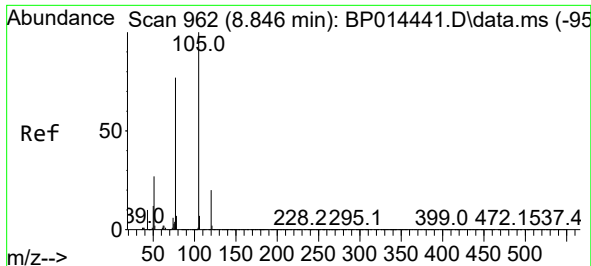
Ion Ratio Lower Upper

45 100

77 16.5 12.8 19.2

79 12.5 9.6 14.4

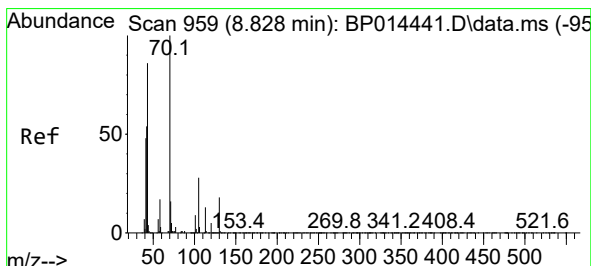
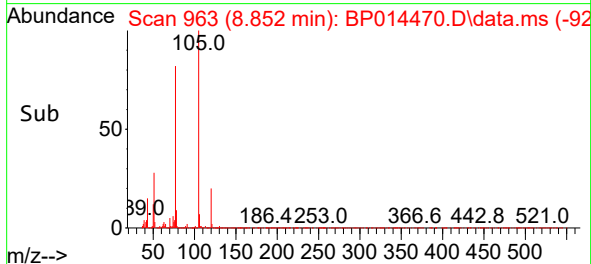
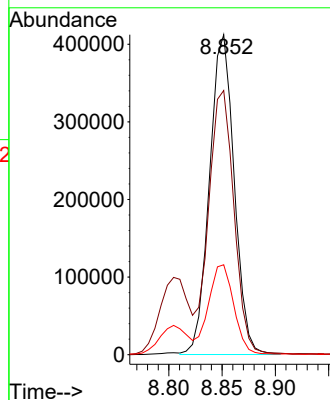
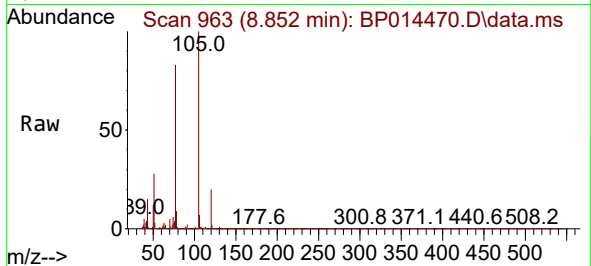




#16
Acetophenone
Concen: 28.363 ng/ul
RT: 8.852 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

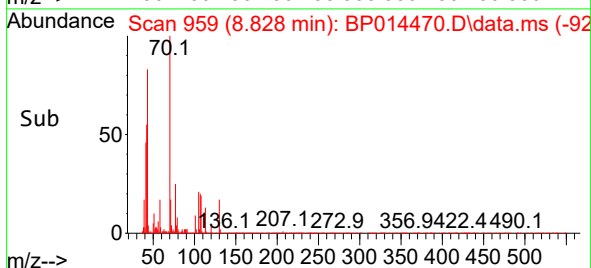
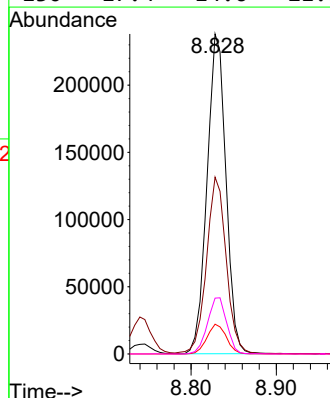
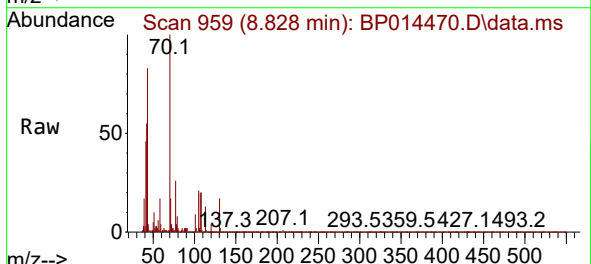
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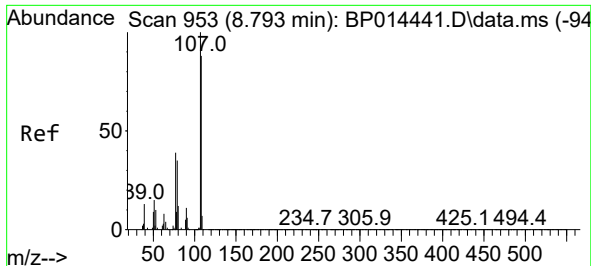
Tgt Ion:105 Resp: 665036
Ion Ratio Lower Upper
105 100
77 82.6 67.3 100.9
51 28.1 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 28.941 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion: 70 Resp: 366594
Ion Ratio Lower Upper
70 100
42 55.2 41.1 61.7
101 9.3 7.0 10.6
130 17.4 14.6 21.8

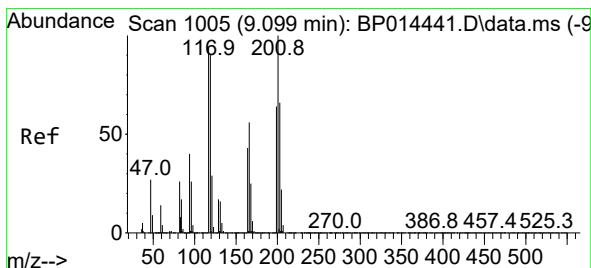
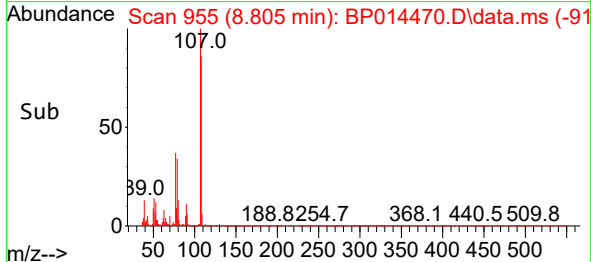
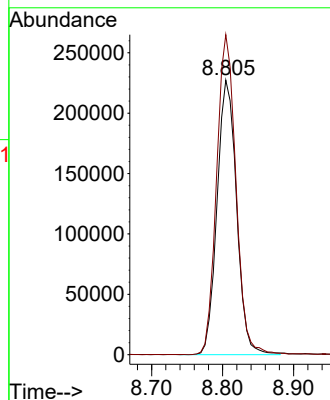
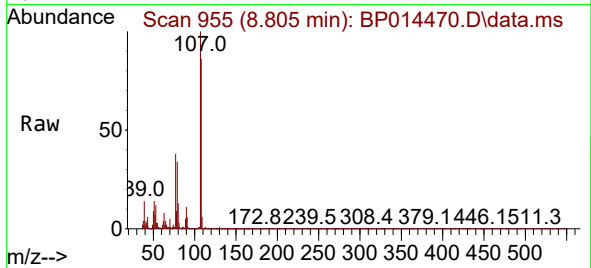




#18
4-Methylphenol
Concen: 28.952 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

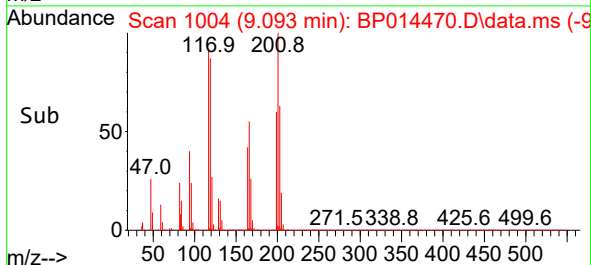
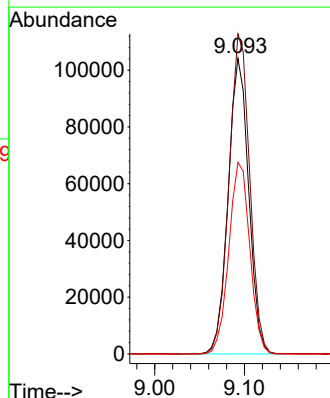
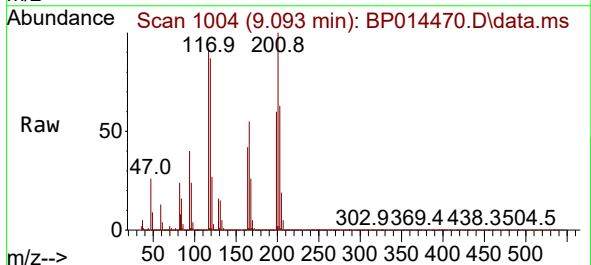
Instrument :
BNA_P
ClientSampleId :
SLCS752

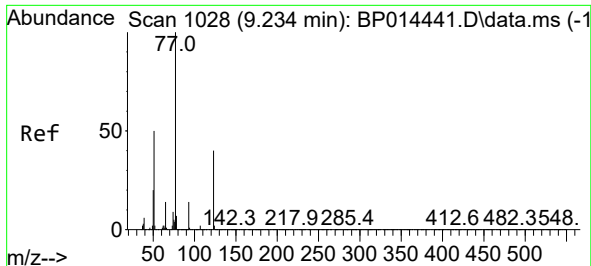
Tgt Ion:108 Resp: 433002
Ion Ratio Lower Upper
108 100
107 116.5 89.0 133.6



#19
Hexachloroethane
Concen: 28.586 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:117 Resp: 165400
Ion Ratio Lower Upper
117 100
201 108.3 90.2 135.4
199 64.8 54.2 81.2

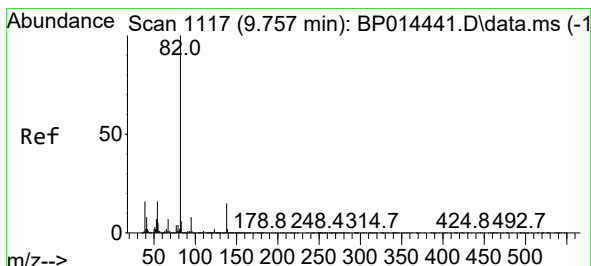
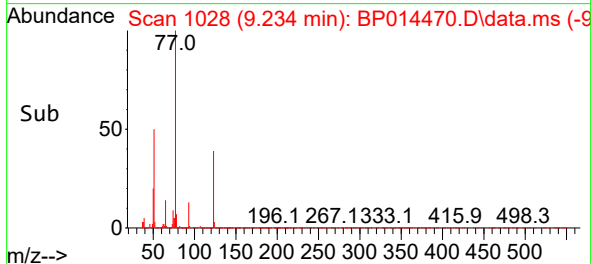
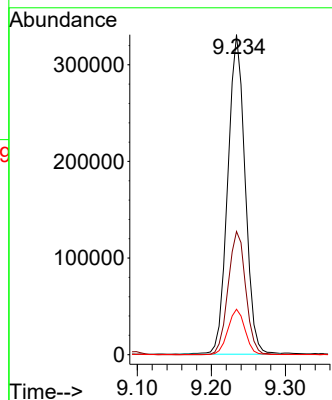
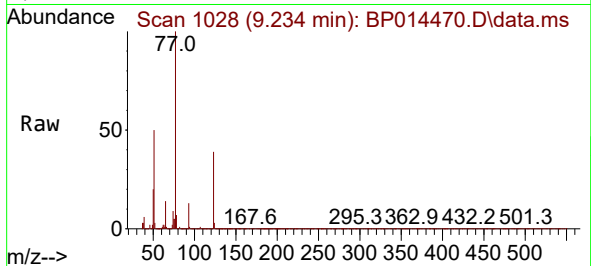




#22
Nitrobenzene
Concen: 27.110 ng/ul
RT: 9.234 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

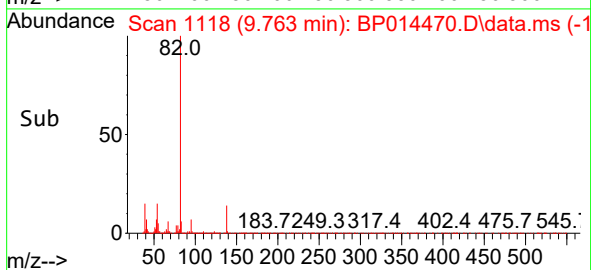
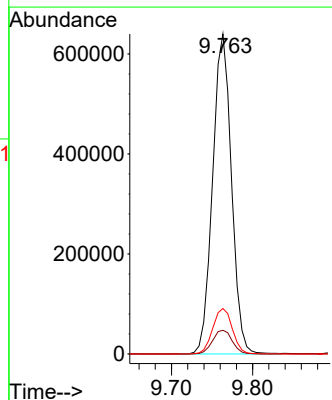
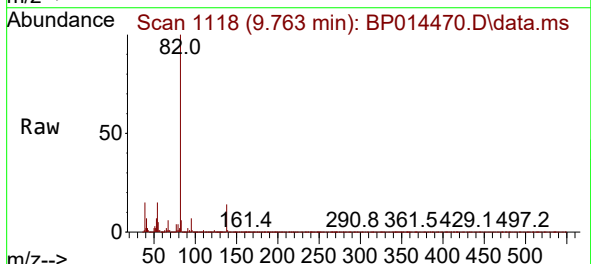
Instrument :
BNA_P
ClientSampleId :
SLCS752

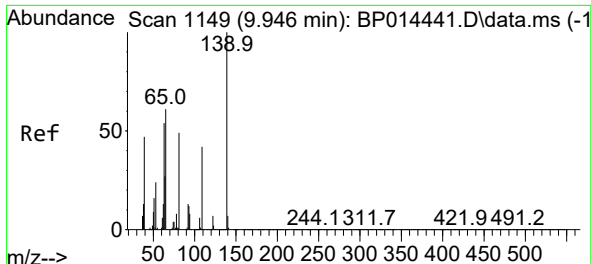
Tgt Ion: 77 Resp: 537719
Ion Ratio Lower Upper
77 100
123 38.5 30.3 45.5
65 14.2 11.0 16.4



#23
Isophorone
Concen: 28.197 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion: 82 Resp: 1030946
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 14.2 12.2 18.2

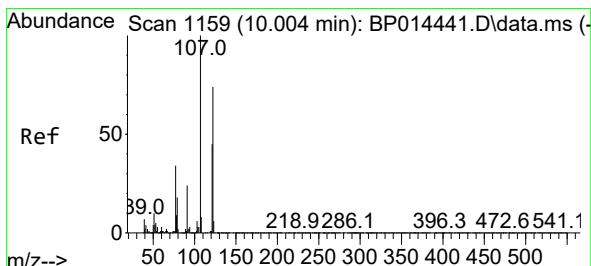
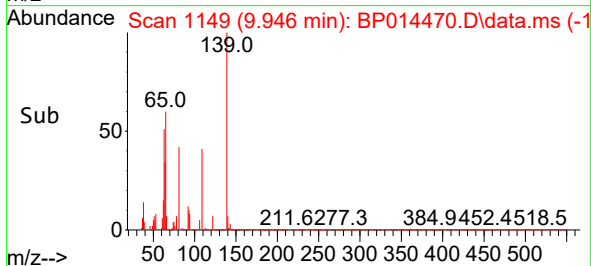
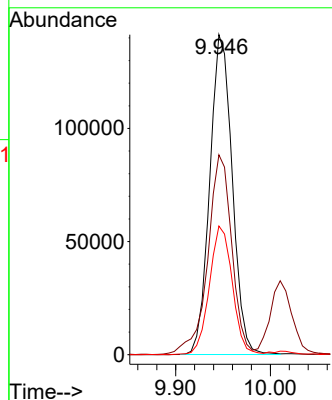
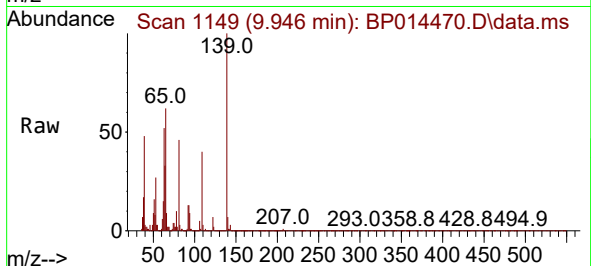




#25
2-Nitrophenol
Concen: 27.865 ng/ul
RT: 9.946 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

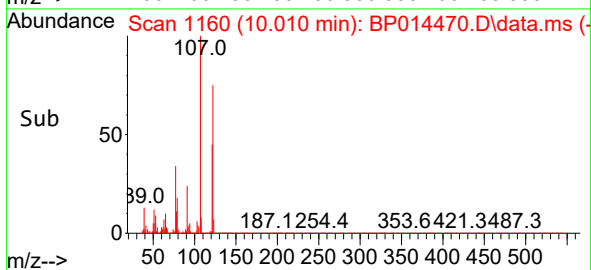
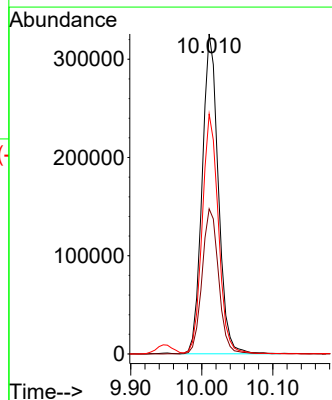
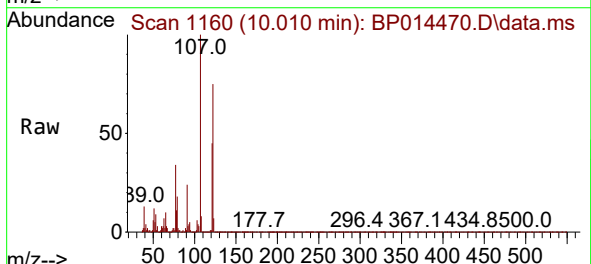
Instrument :
BNA_P
ClientSampleId :
SLCS752

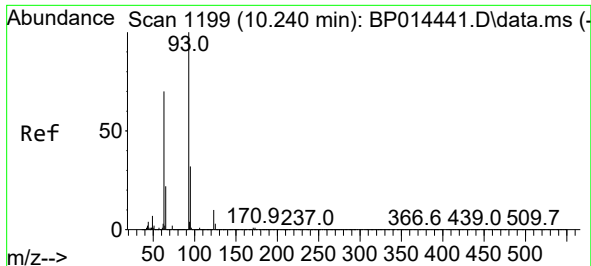
Tgt Ion:139 Resp: 232520
Ion Ratio Lower Upper
139 100
65 62.5 49.7 74.5
109 40.2 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 27.632 ng/ul
RT: 10.010 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:107 Resp: 516087
Ion Ratio Lower Upper
107 100
121 45.4 37.0 55.6
122 75.0 59.8 89.6

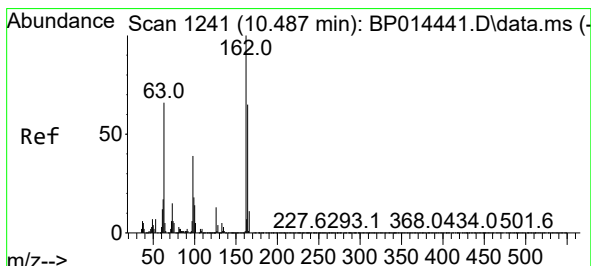
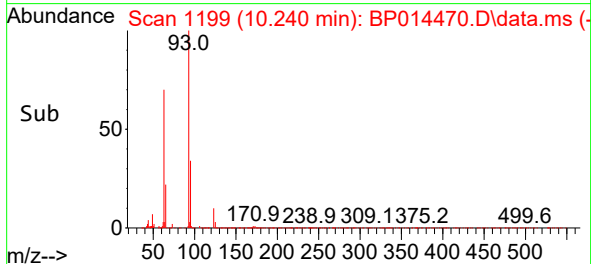
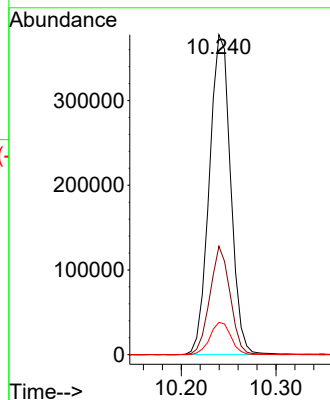
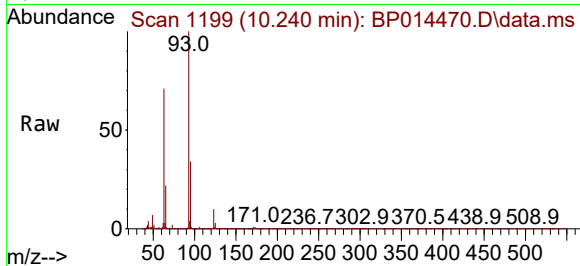




#27
Bis(2-Chloroethoxy)methane
Concen: 26.939 ng/ul
RT: 10.240 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

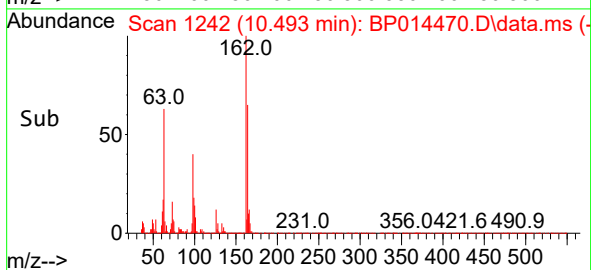
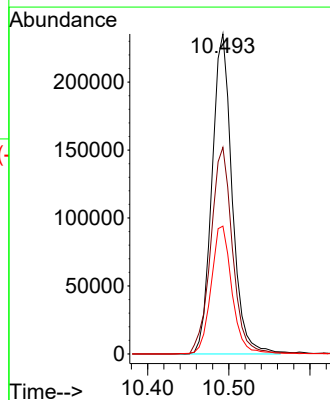
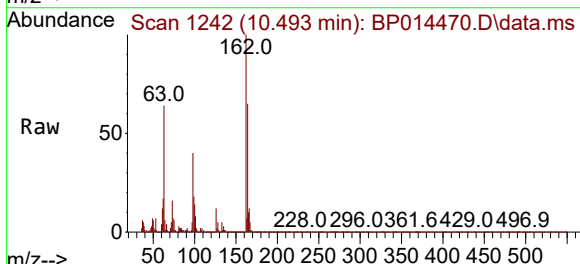
Instrument :
BNA_P
ClientSampleId :
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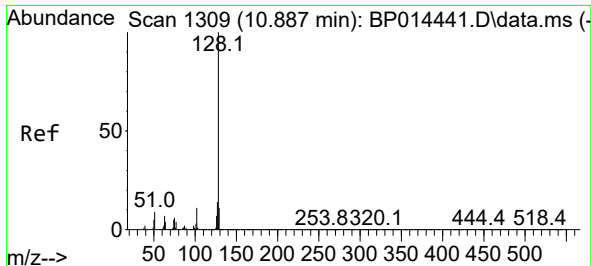
Tgt Ion: 93 Resp: 590503
Ion Ratio Lower Upper
93 100
95 33.9 25.8 38.8
123 10.1 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 28.649 ng/ul
RT: 10.493 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:162 Resp: 405943
Ion Ratio Lower Upper
162 100
164 64.5 50.1 75.1
98 40.0 30.6 45.8

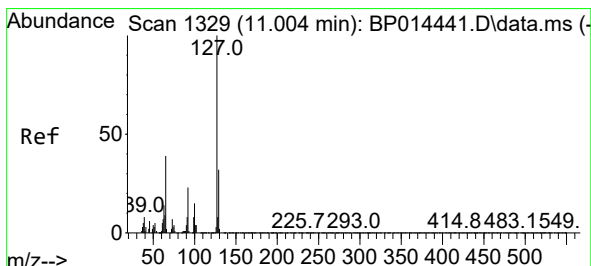
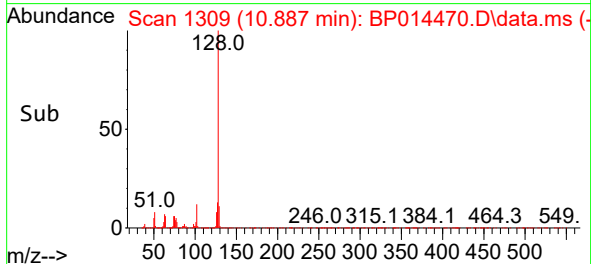
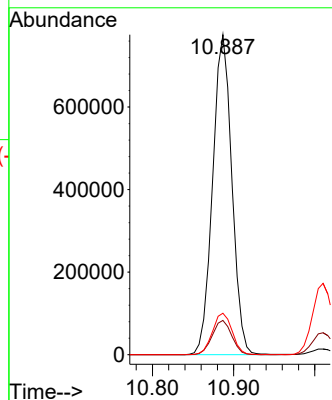
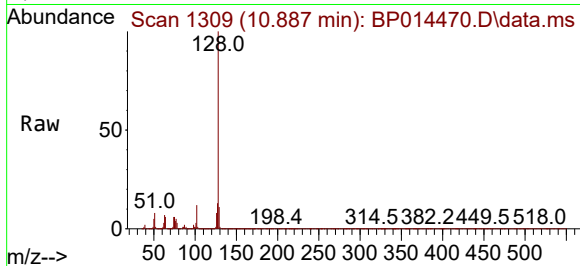




#30
Naphthalene
Concen: 26.747 ng/ul
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

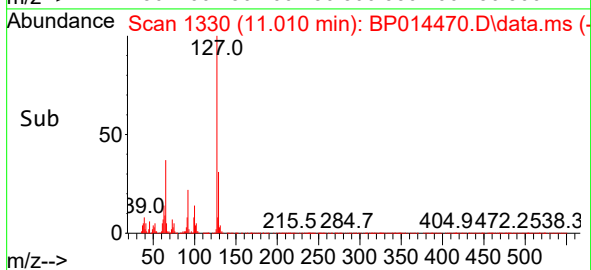
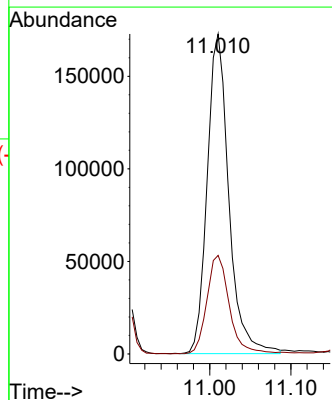
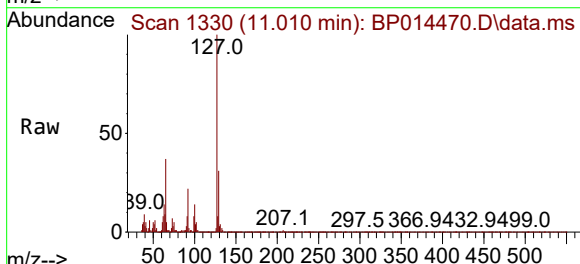
Instrument :
BNA_P
ClientSampleId :
SLCS752

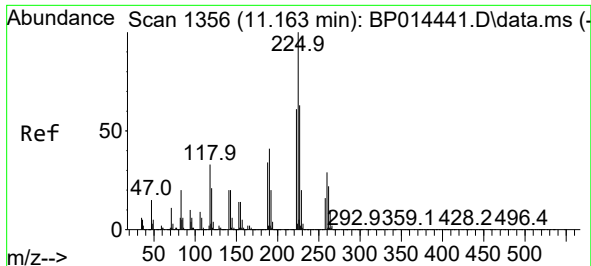
Tgt Ion:128 Resp: 1274188
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.0 11.0 16.6



#32
4-Chloroaniline
Concen: 16.628 ng/ul
RT: 11.010 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:127 Resp: 319409
Ion Ratio Lower Upper
127 100
129 30.8 25.4 38.0

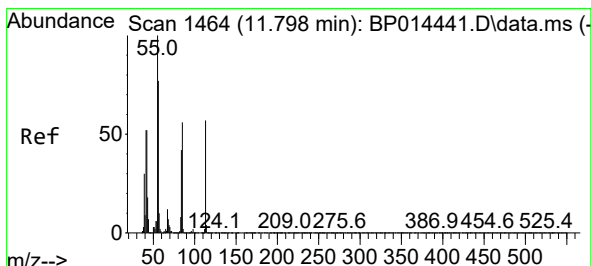
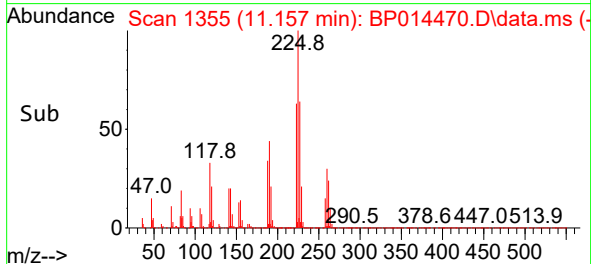
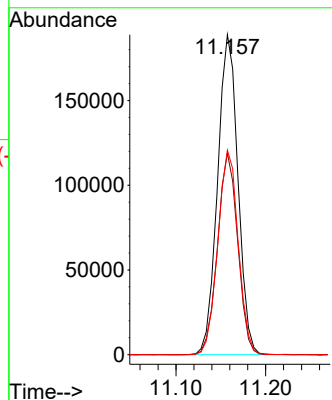
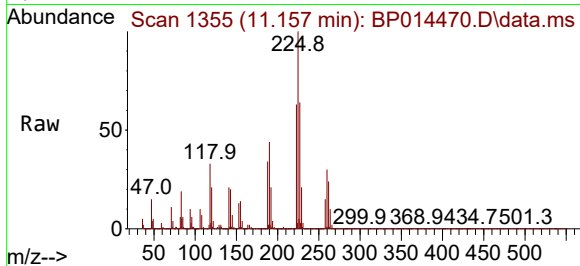




#33
Hexachlorobutadiene
Concen: 26.489 ng/ul
RT: 11.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

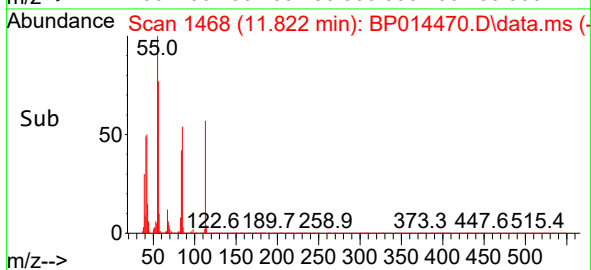
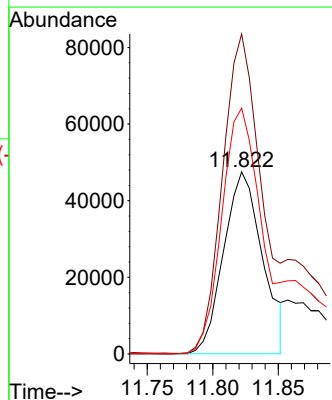
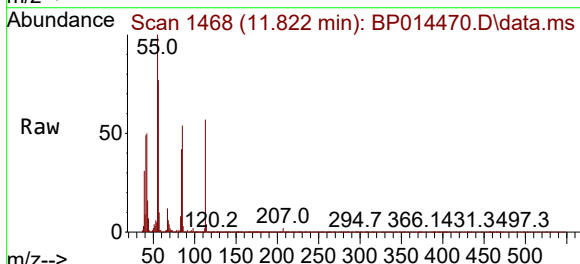
Instrument :
BNA_P
ClientSampleId :
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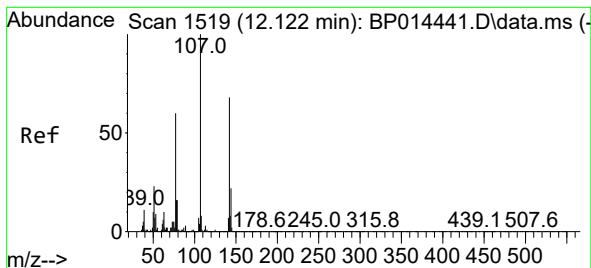
Tgt Ion:225 Resp: 297363
Ion Ratio Lower Upper
225 100
223 63.0 49.3 73.9
227 63.9 49.6 74.4



#34
Caprolactam
Concen: 23.387 ng/ul
RT: 11.822 min Scan# 1468
Delta R.T. 0.029 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:113 Resp: 97900
Ion Ratio Lower Upper
113 100
55 175.8 131.2 196.8
56 135.1 101.1 151.7

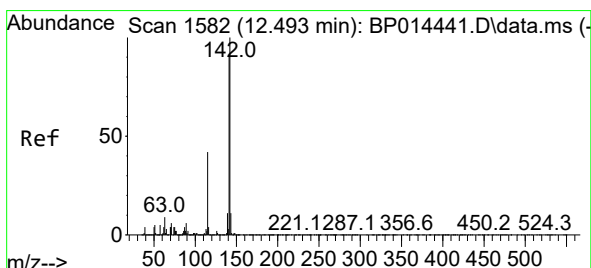
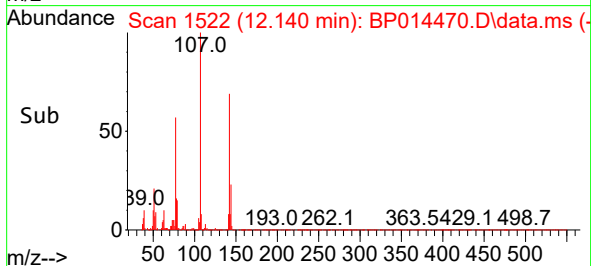
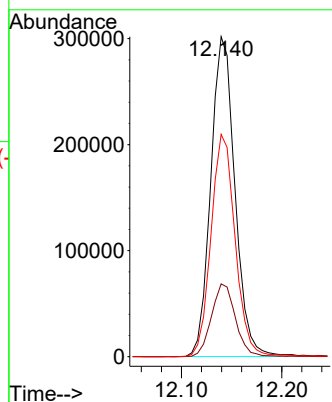
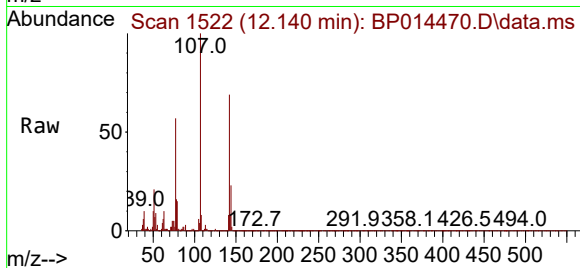




#35
4-Chloro-3-methylphenol
Concen: 28.901 ng/ul
RT: 12.140 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

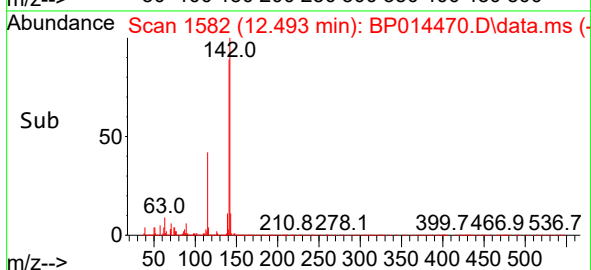
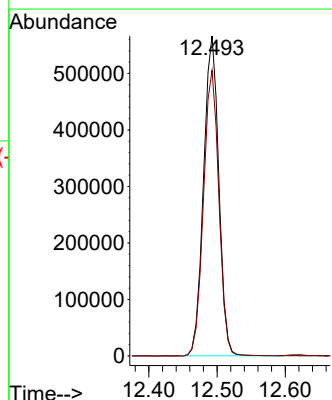
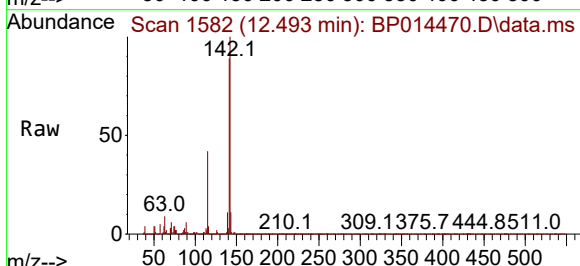
Instrument :
BNA_P
ClientSampleId :
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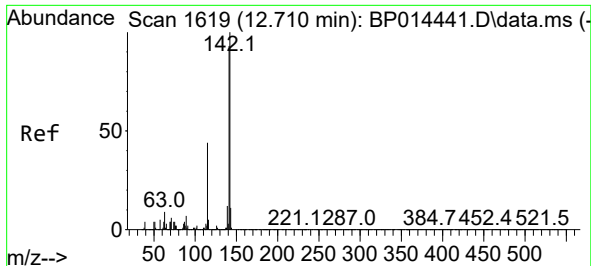
Tgt Ion:107 Resp: 503703
Ion Ratio Lower Upper
107 100
144 22.7 17.3 25.9
142 69.4 54.6 81.8



#36
2-Methylnaphthalene
Concen: 27.238 ng/ul
RT: 12.493 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:142 Resp: 879377
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4

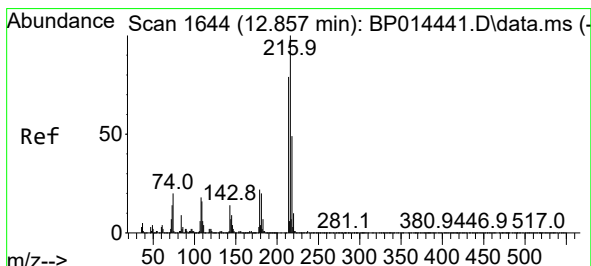
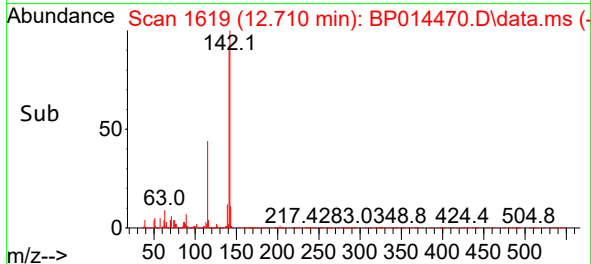
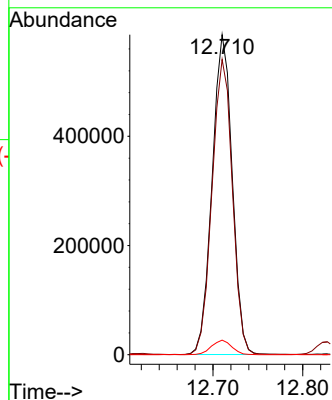
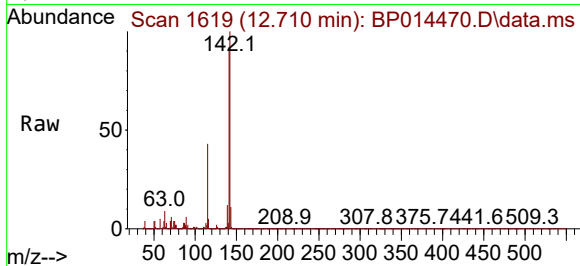




#37
1-Methylnaphthalene
Concen: 28.420 ng/ul
RT: 12.710 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

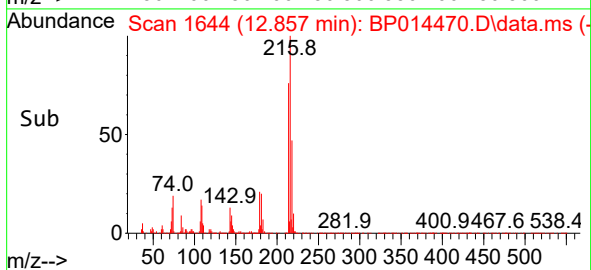
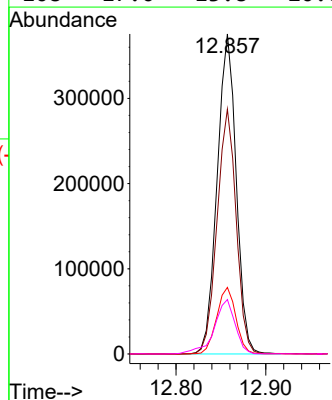
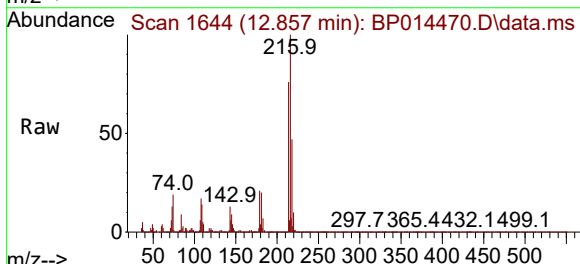
Instrument :
BNA_P
ClientSampleId :
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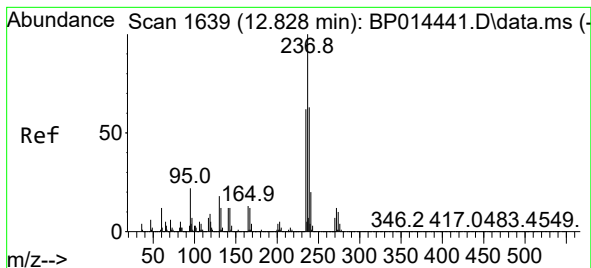
Tgt Ion:142 Resp: 909965
Ion Ratio Lower Upper
142 100
141 92.3 76.6 114.8
116 4.5 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.633 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:216 Resp: 553360
Ion Ratio Lower Upper
216 100
214 76.5 61.0 91.6
179 20.8 16.6 24.8
108 17.0 13.8 20.6

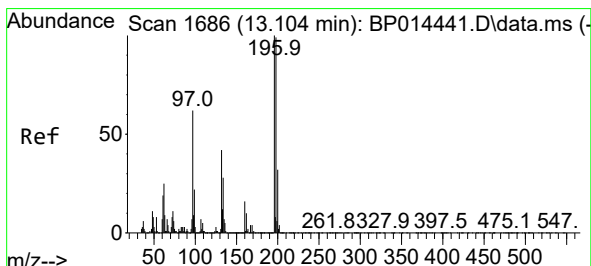
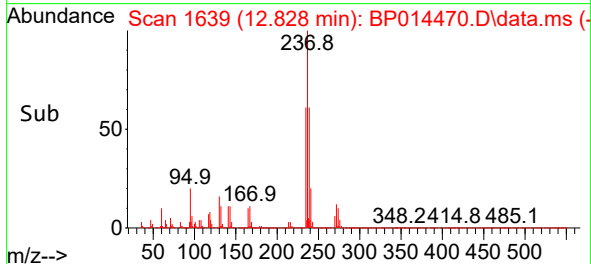
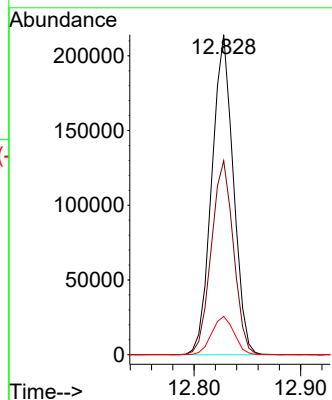
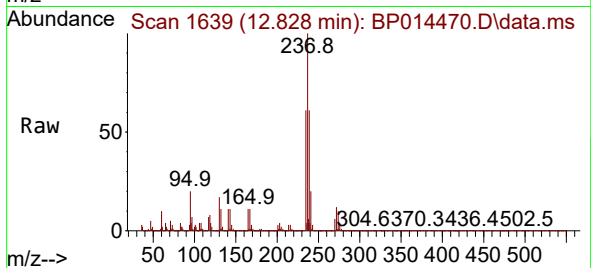




#40
Hexachlorocyclopentadiene
Concen: 22.359 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

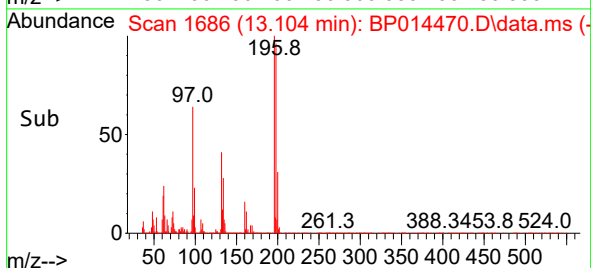
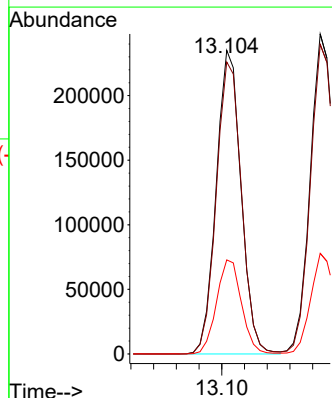
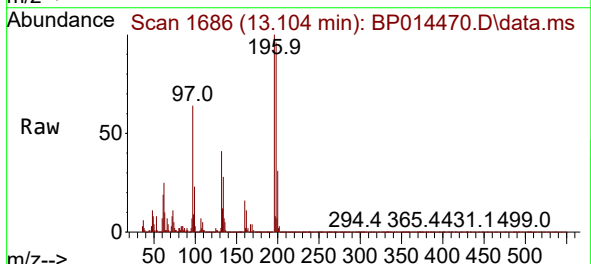
Instrument :
BNA_P
ClientSampleId :
SLCS752

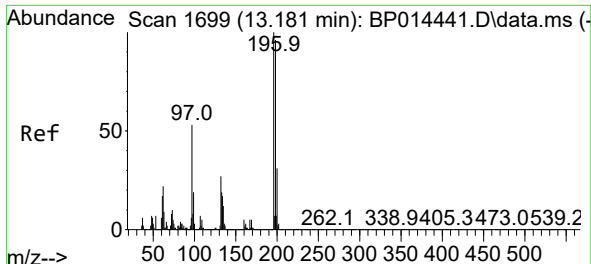
Tgt Ion:237 Resp: 300847
Ion Ratio Lower Upper
237 100
235 60.6 51.0 76.4
272 11.9 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 27.775 ng/ul
RT: 13.104 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:196 Resp: 357110
Ion Ratio Lower Upper
196 100
198 96.2 76.6 114.8
200 31.0 25.4 38.2

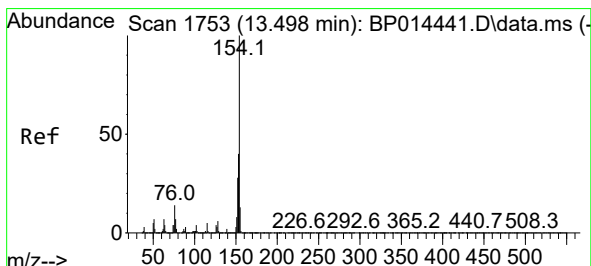
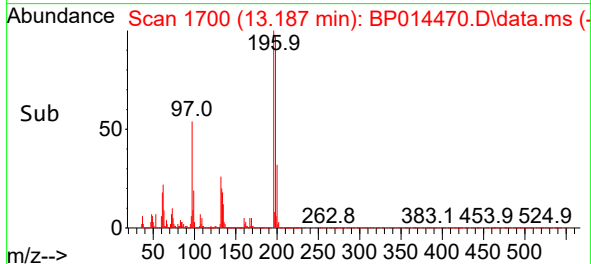
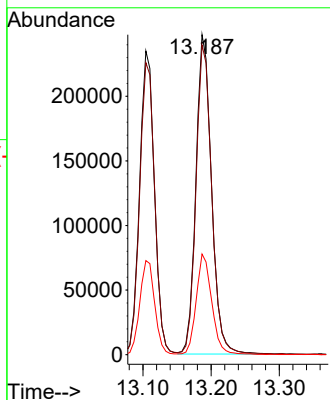
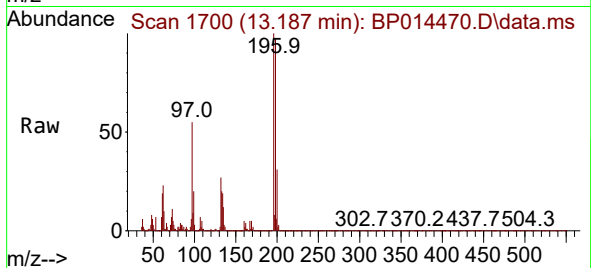




#42
2,4,5-Trichlorophenol
Concen: 28.732 ng/ul
RT: 13.187 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

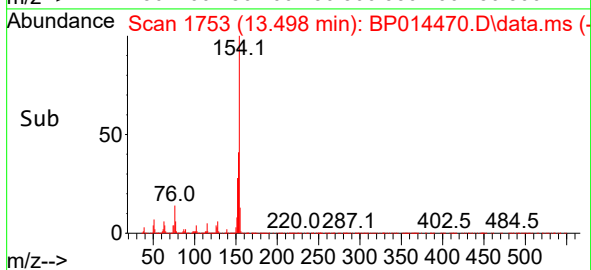
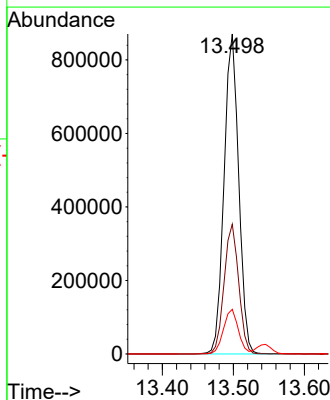
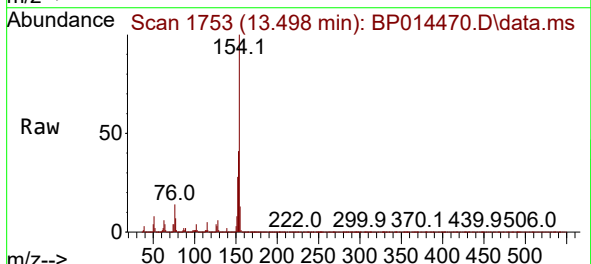
Instrument :
BNA_P
ClientSampleId :
SLCS752

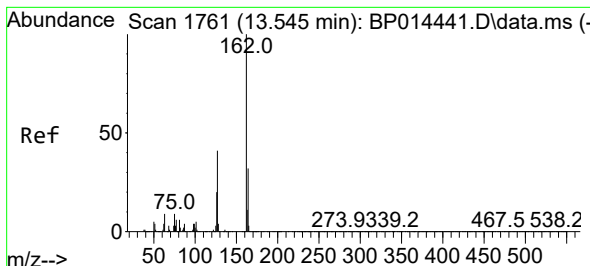
Tgt Ion:196 Resp: 393275
Ion Ratio Lower Upper
196 100
198 96.7 79.8 119.8
200 31.5 25.6 38.4



#43
1,1'-Biphenyl
Concen: 26.332 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:154 Resp: 1239728
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 14.0 10.7 16.1

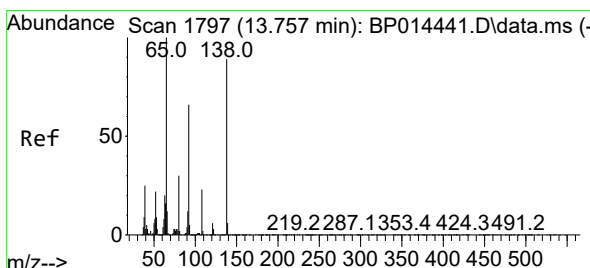
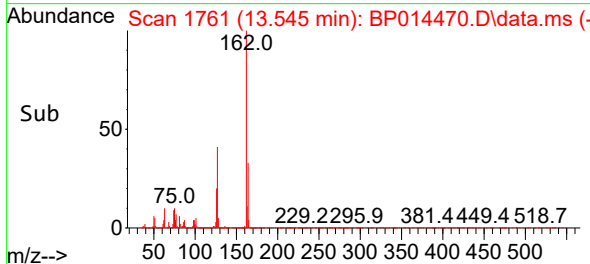
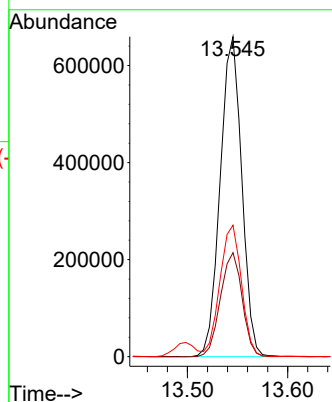
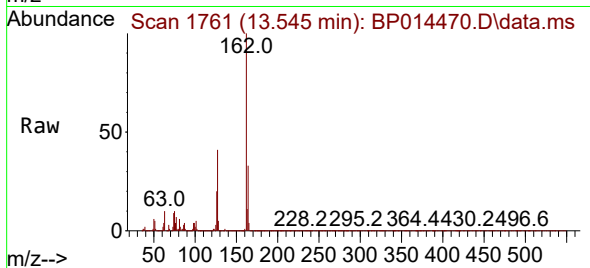




#44
2-Chloronaphthalene
Concen: 26.377 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

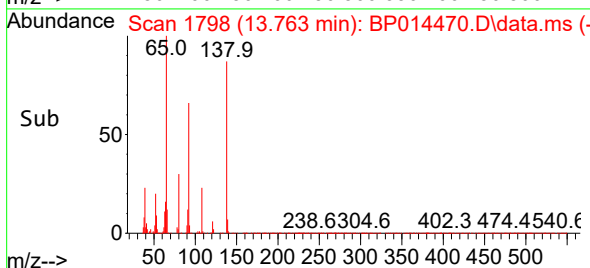
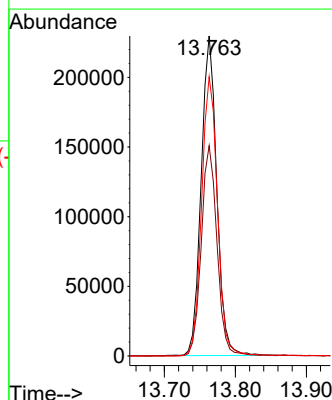
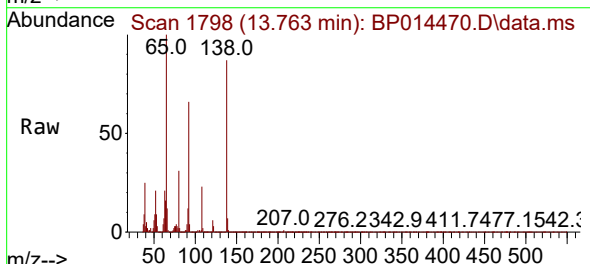
Instrument :
BNA_P
ClientSampleId :
SLCS752

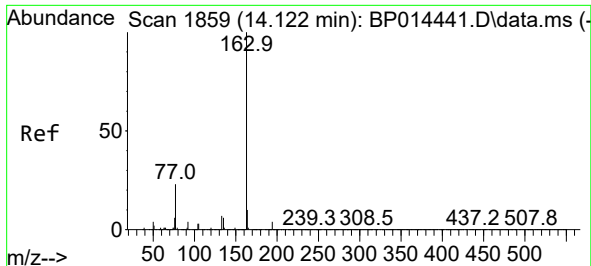
Tgt Ion:162 Resp: 981905
Ion Ratio Lower Upper
162 100
164 32.5 26.1 39.1
127 41.1 33.7 50.5



#45
2-Nitroaniline
Concen: 30.487 ng/ul
RT: 13.763 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion: 65 Resp: 351462
Ion Ratio Lower Upper
65 100
92 65.7 53.7 80.5
138 87.3 71.7 107.5

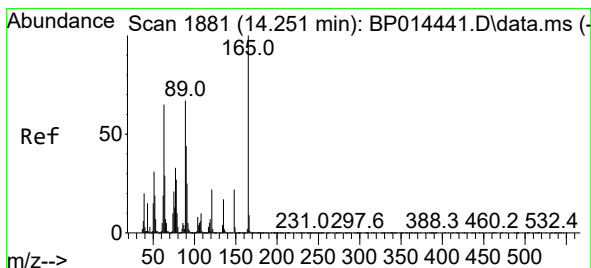
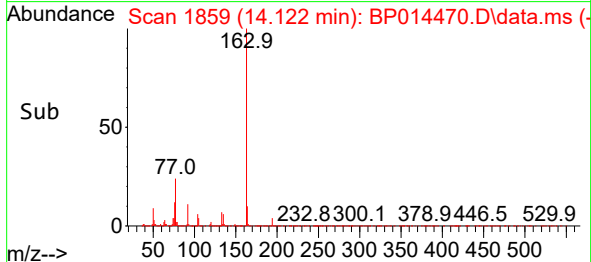
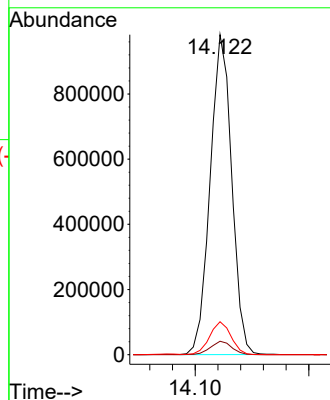
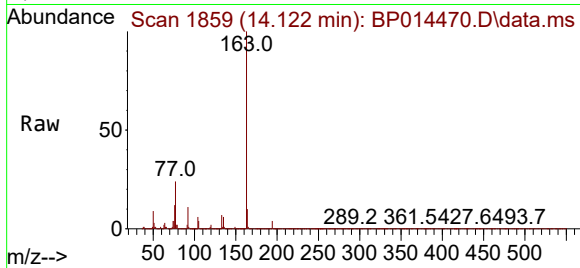




#47
Dimethylphthalate
Concen: 27.425 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

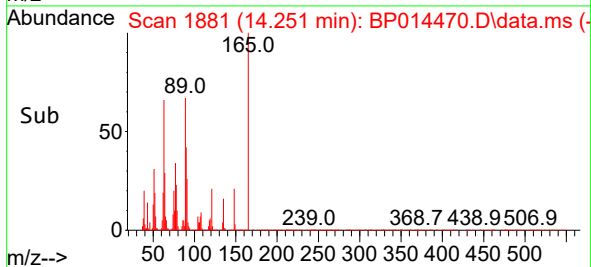
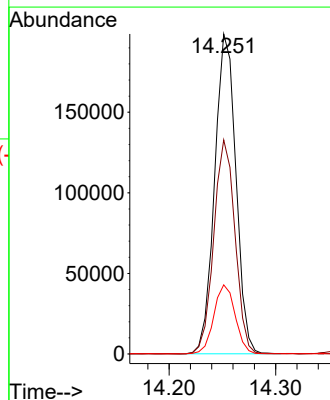
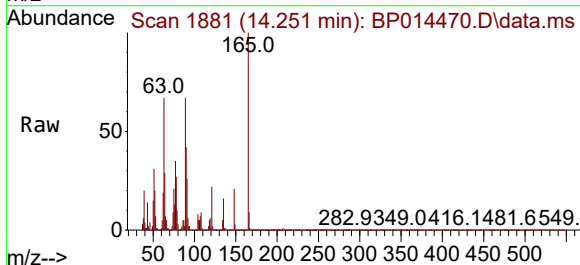
Instrument :
BNA_P
ClientSampleId :
SLCS752

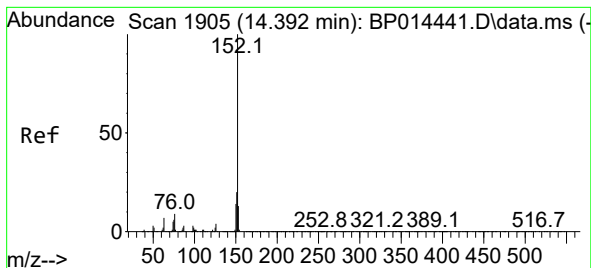
Tgt Ion:163 Resp: 1295631
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 29.816 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:165 Resp: 275201
Ion Ratio Lower Upper
165 100
89 66.9 52.7 79.1
121 21.6 17.9 26.9





#50

Acenaphthylene

Concen: 27.170 ng/ul

RT: 14.392 min Scan# 1905

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

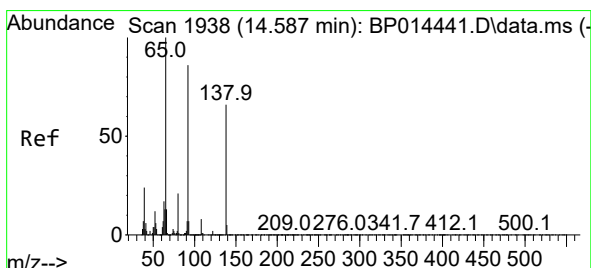
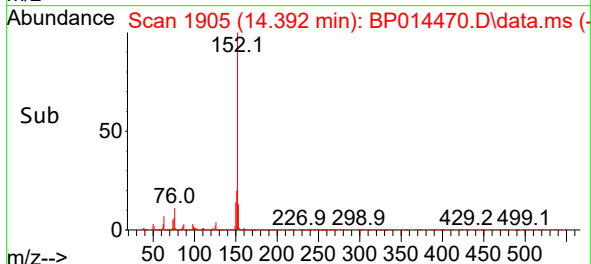
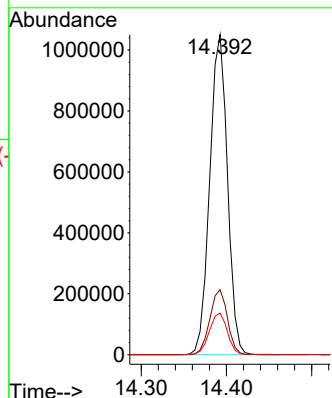
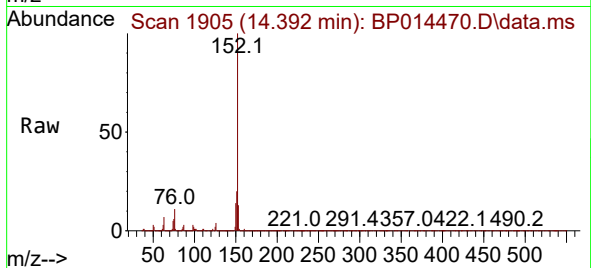
Tgt Ion:152 Resp: 1517079

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 10.2 15.4



#51

3-Nitroaniline

Concen: 31.229 ng/ul

RT: 14.592 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

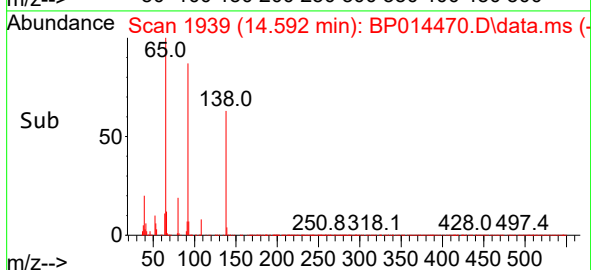
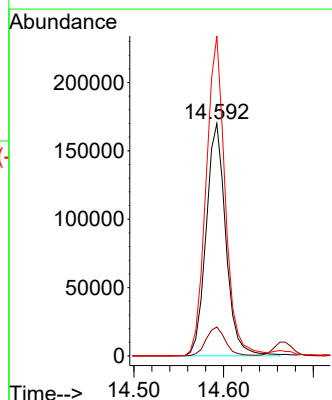
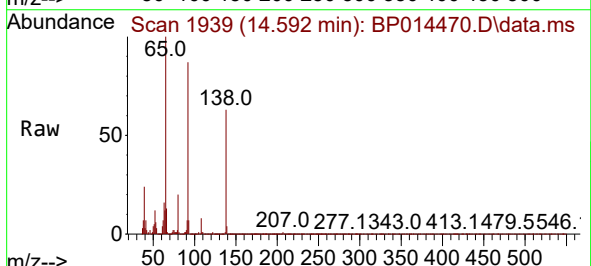
Tgt Ion:138 Resp: 258239

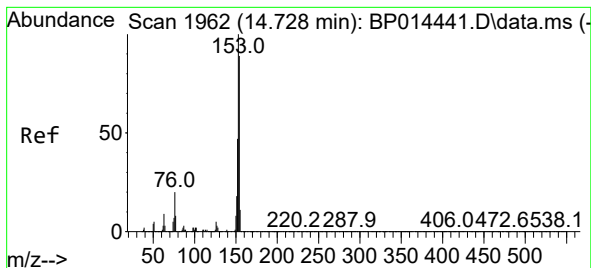
Ion Ratio Lower Upper

138 100

108 12.5 9.9 14.9

92 137.8 107.6 161.4





#52

Acenaphthene

Concen: 26.857 ng/ul

RT: 14.734 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

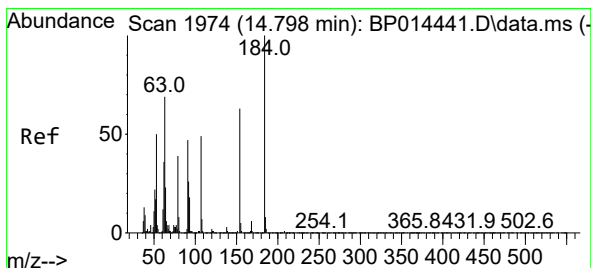
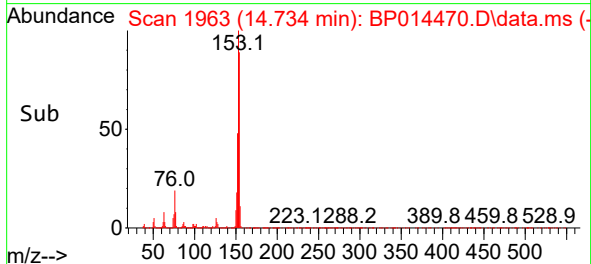
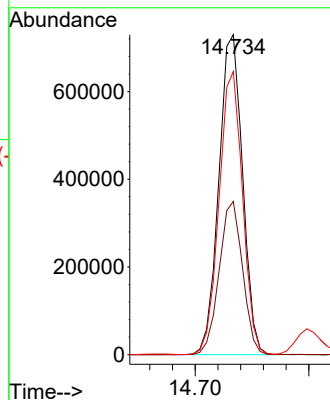
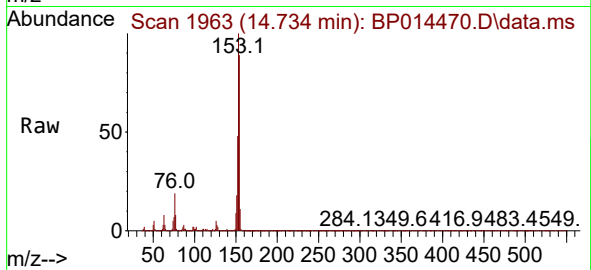
Tgt Ion:153 Resp: 1059708

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

154 88.5 70.2 105.2



#53

2,4-Dinitrophenol

Concen: 22.855 ng/ul

RT: 14.798 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

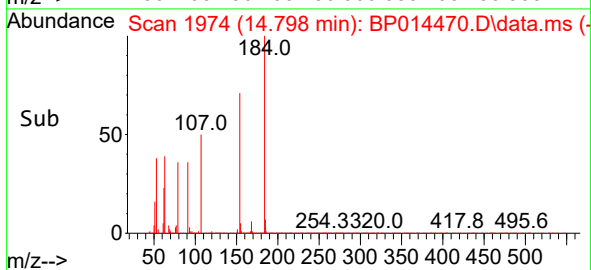
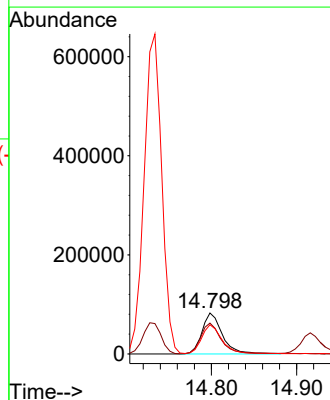
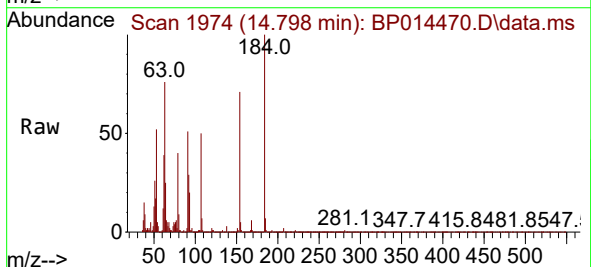
Tgt Ion:184 Resp: 136610

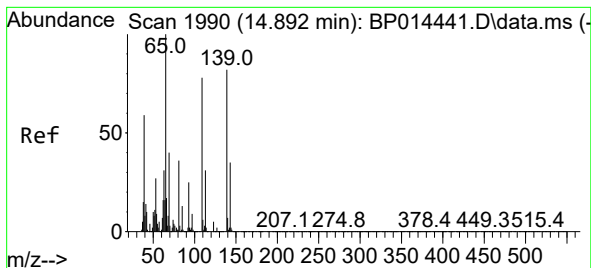
Ion Ratio Lower Upper

184 100

63 75.5 57.1 85.7

154 71.4 55.3 82.9

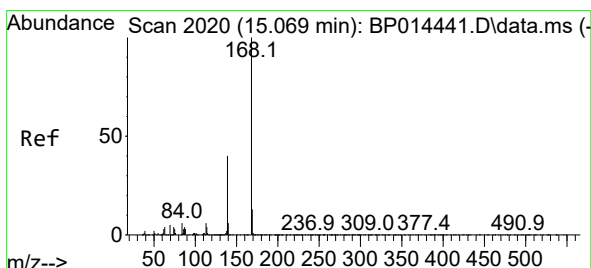
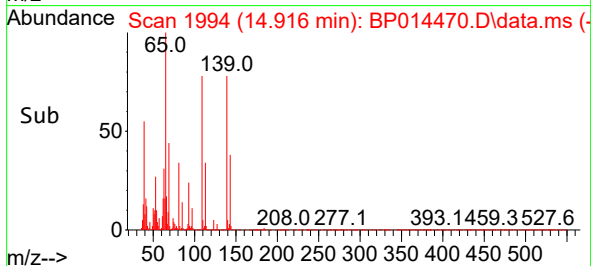
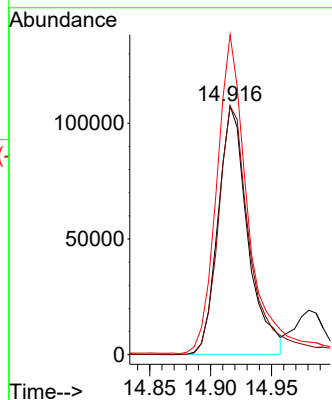
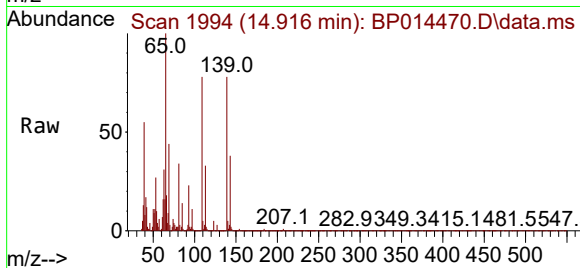




#55
4-Nitrophenol
Concen: 25.816 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. 0.023 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

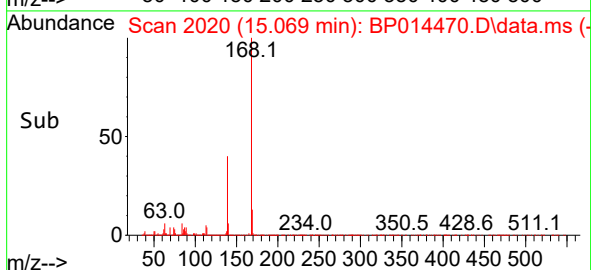
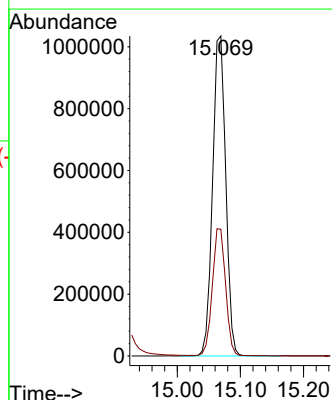
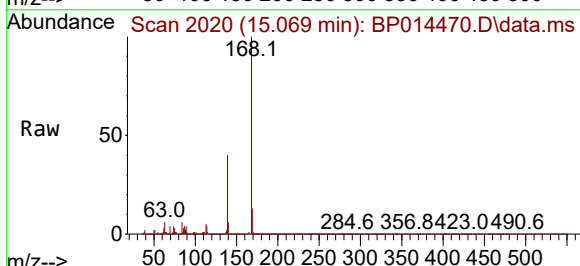
Instrument :
BNA_P
ClientSampleId :
SLCS752

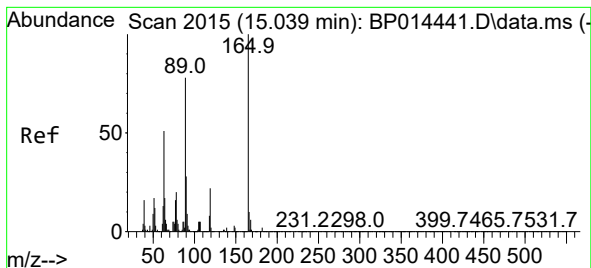
Tgt Ion:109 Resp: 181870
Ion Ratio Lower Upper
109 100
139 99.9 77.4 116.2
65 128.6 97.3 145.9



#56
Dibenzofuran
Concen: 26.916 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:168 Resp: 1492953
Ion Ratio Lower Upper
168 100
139 39.6 32.1 48.1





#57

2,4-Dinitrotoluene

Concen: 30.103 ng/ul

RT: 15.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

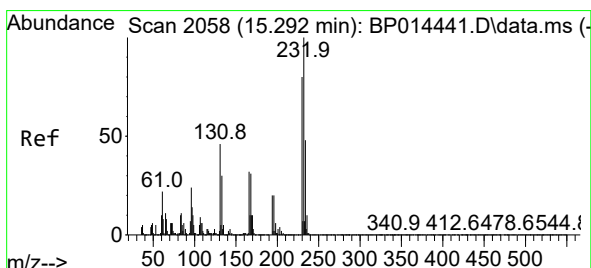
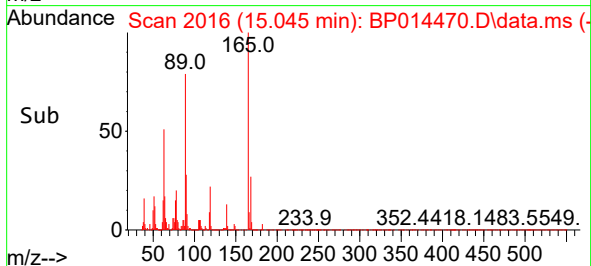
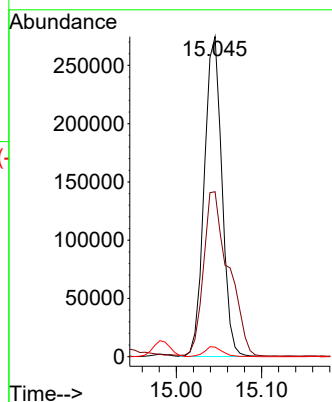
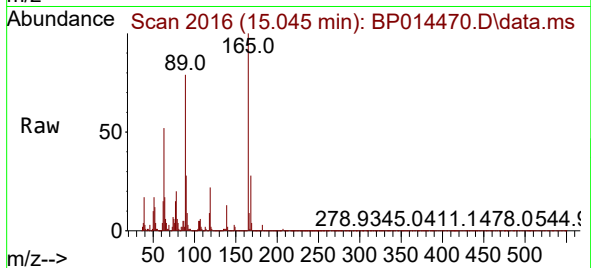
Tgt Ion:165 Resp: 394134

Ion Ratio Lower Upper

165 100

63 51.6 41.6 62.4

182 3.0 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.605 ng/ul

RT: 15.298 min Scan# 2059

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Tgt Ion:232 Resp: 339599

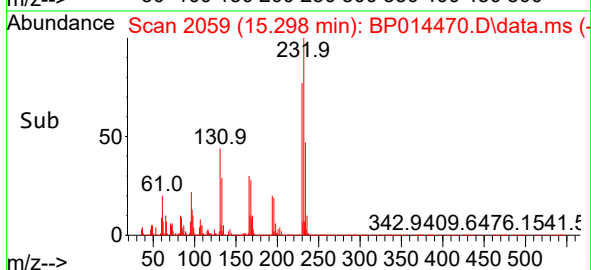
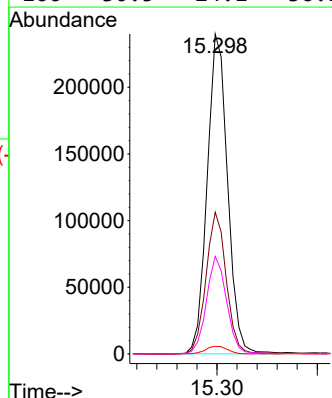
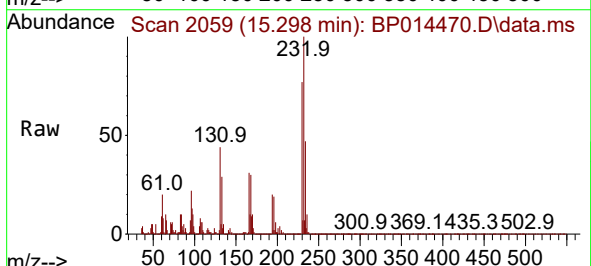
Ion Ratio Lower Upper

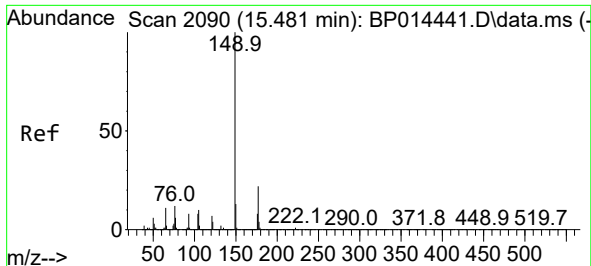
232 100

131 44.3 35.0 52.4

130 2.4 1.9 2.9

166 30.5 24.1 36.1

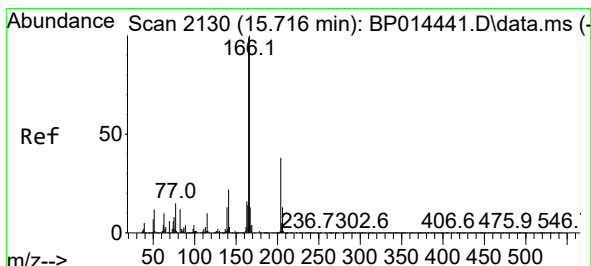
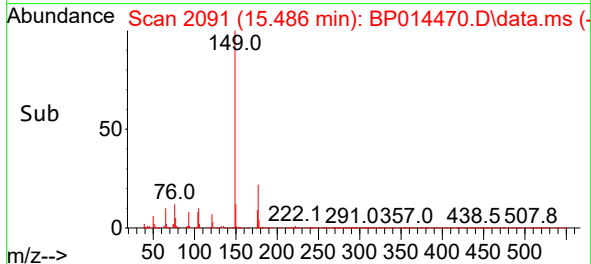
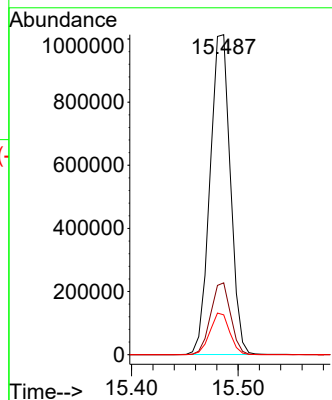
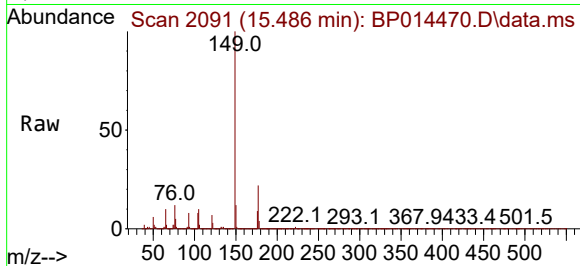




#59
Diethylphthalate
Concen: 28.717 ng/ul
RT: 15.486 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

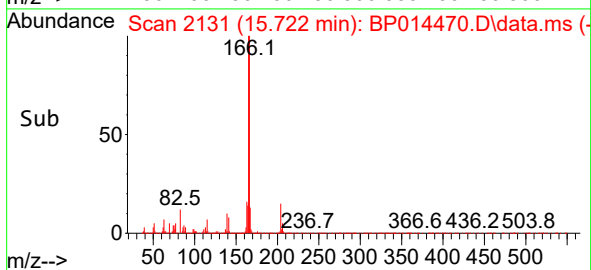
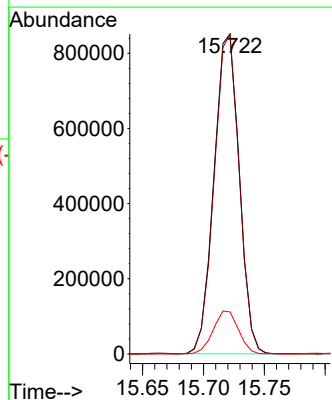
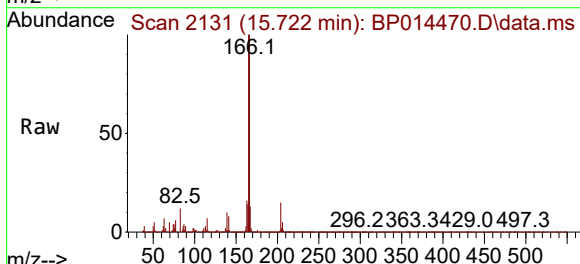
Instrument :
BNA_P
ClientSampleId :
SLCS752

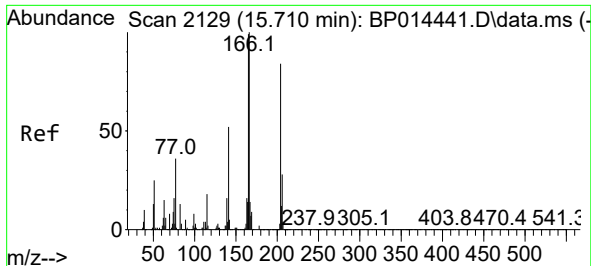
Tgt Ion:149 Resp: 1348175
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.5 9.8 14.8



#61
Fluorene
Concen: 27.333 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:166 Resp: 1228871
Ion Ratio Lower Upper
166 100
165 99.9 79.2 118.8
167 13.2 11.0 16.4

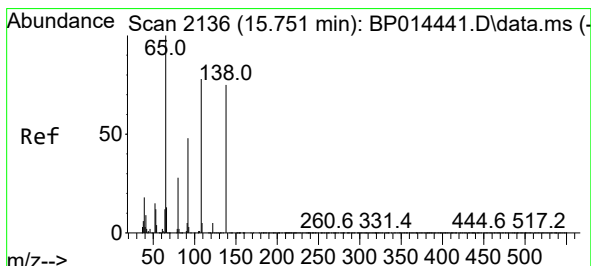
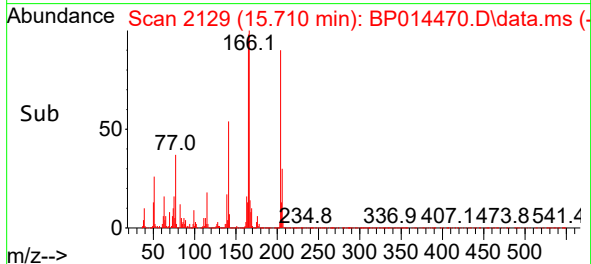
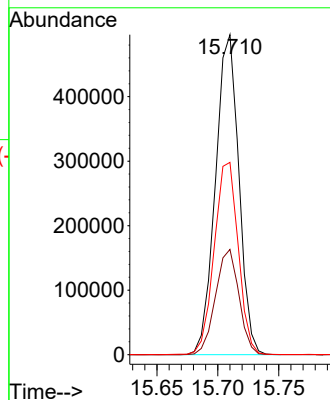
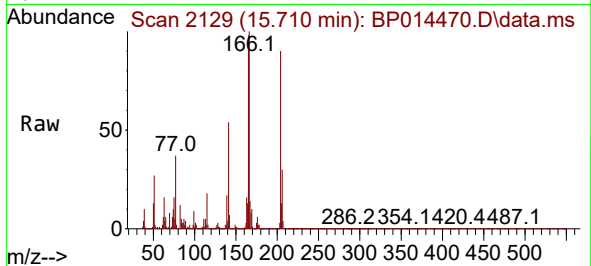




#62
4-Chlorophenyl-phenylether
Concen: 27.462 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

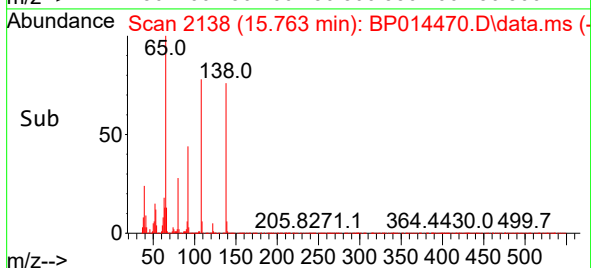
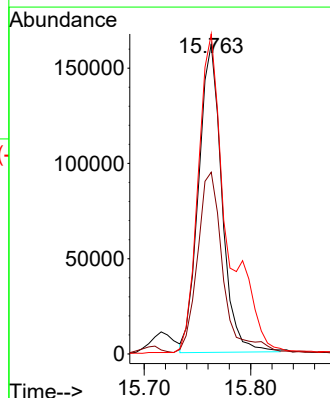
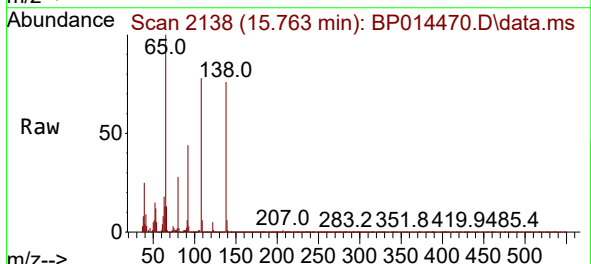
Instrument :
BNA_P
ClientSampleId :
SLCS752

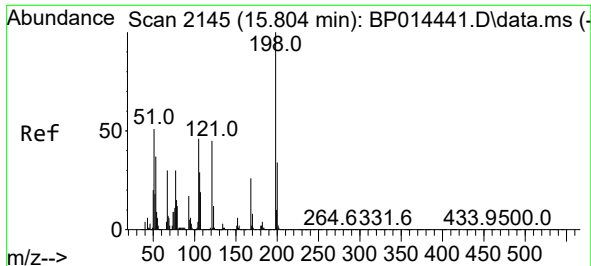
Tgt Ion:204 Resp: 663334
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 60.1 51.3 76.9



#63
4-Nitroaniline
Concen: 36.562 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:138 Resp: 245645
Ion Ratio Lower Upper
138 100
92 58.6 47.8 71.6
108 103.2 82.3 123.5

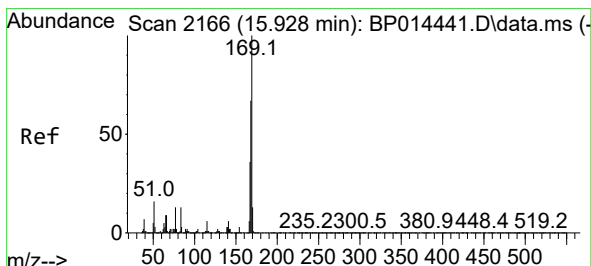
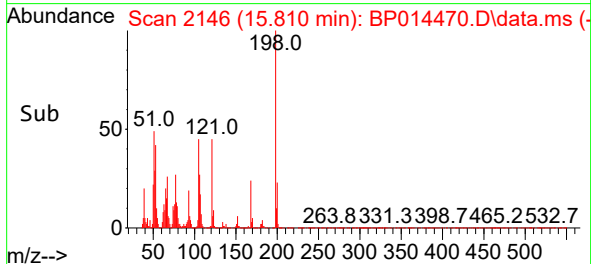
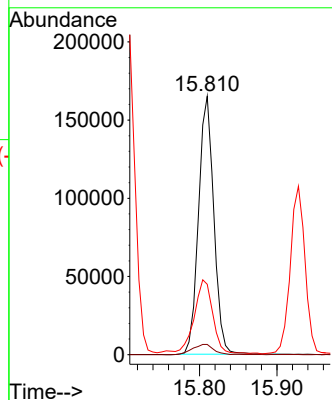
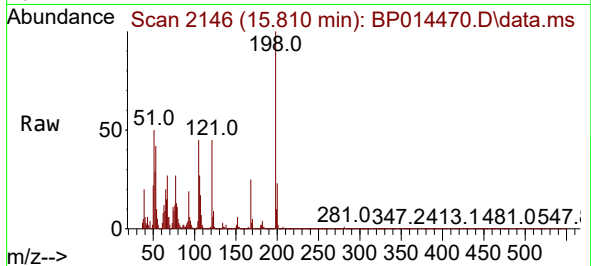




#66
4,6-Dinitro-2-methylphenol
Concen: 24.994 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

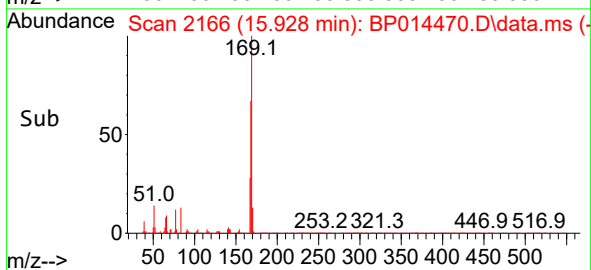
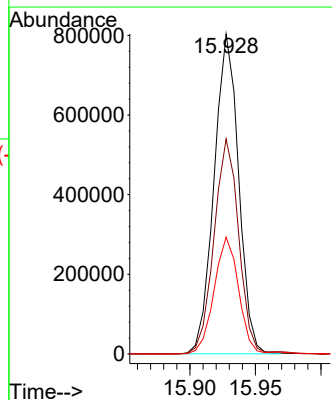
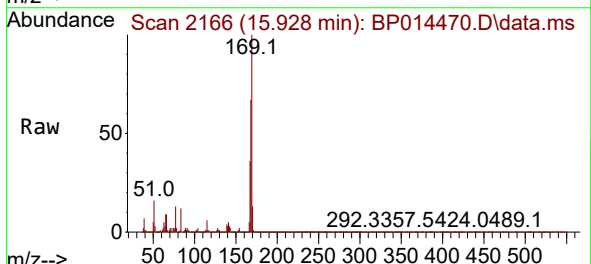
Instrument :
BNA_P
ClientSampleId :
SLCS752

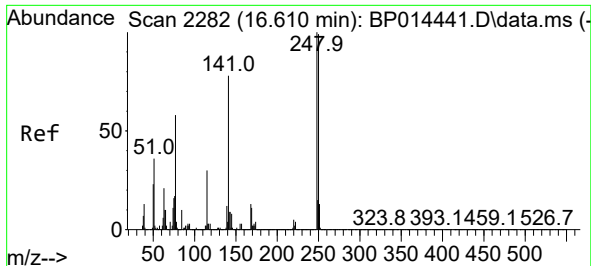
Tgt Ion:198 Resp: 226112
Ion Ratio Lower Upper
198 100
182 4.0 3.5 5.3
77 27.2 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 26.421 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:169 Resp: 1042912
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.4 29.4 44.2

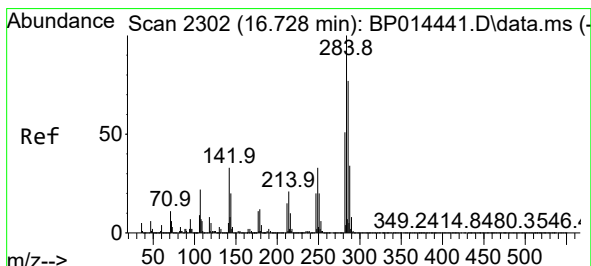
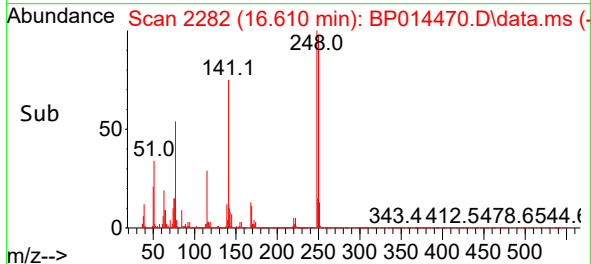
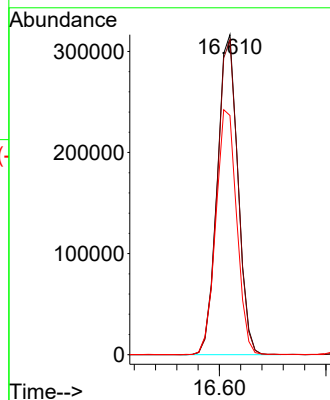
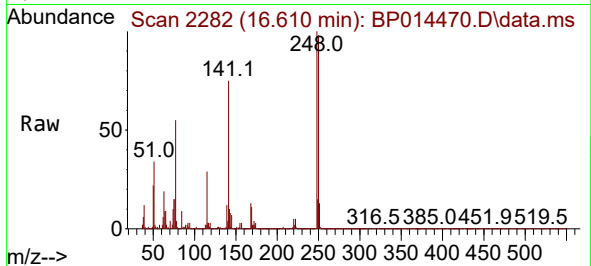




#68
4-Bromophenyl-phenylether
Concen: 26.902 ng/ul
RT: 16.610 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

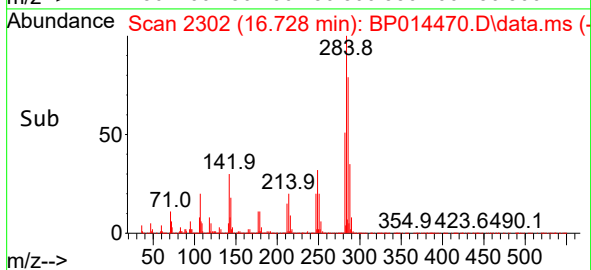
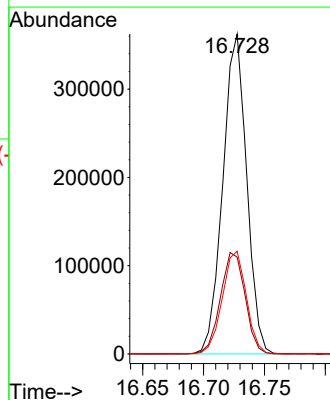
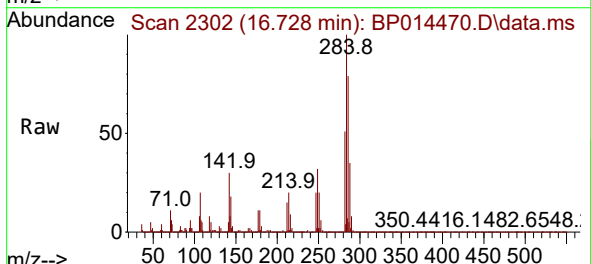
Instrument :
BNA_P
ClientSampleId :
SLCS752

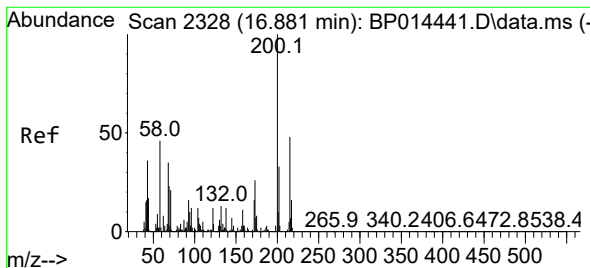
Tgt Ion:248 Resp: 424697
Ion Ratio Lower Upper
248 100
250 98.4 78.1 117.1
141 74.8 66.0 99.0



#69
Hexachlorobenzene
Concen: 27.231 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:284 Resp: 493790
Ion Ratio Lower Upper
284 100
142 30.3 26.6 39.8
249 32.1 25.7 38.5





#70

Atrazine

Concen: 11.605 ng/ul

RT: 16.886 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

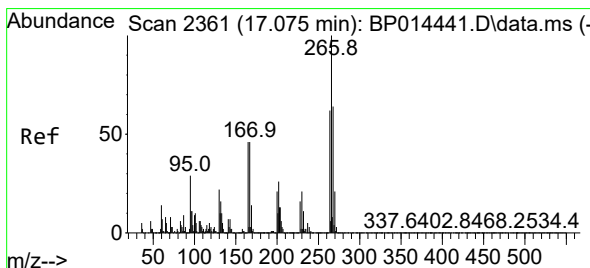
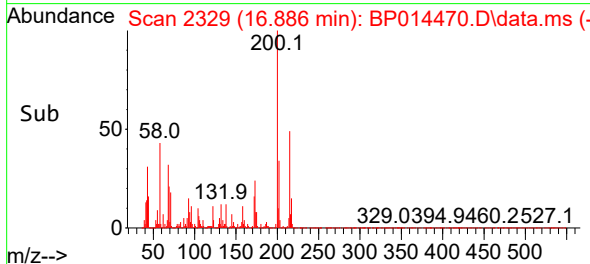
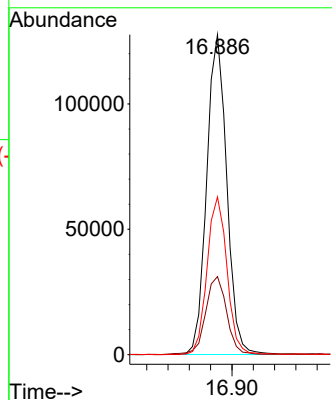
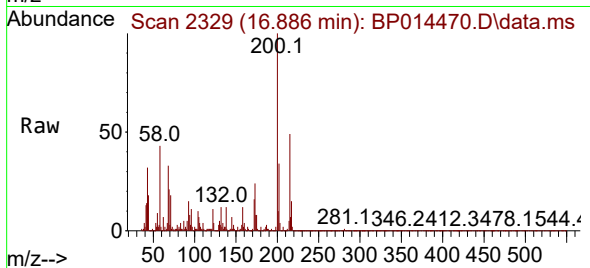
Tgt Ion:200 Resp: 166749

Ion Ratio Lower Upper

200 100

173 24.4 20.6 30.8

215 49.3 37.2 55.8



#71

Pentachlorophenol

Concen: 23.689 ng/ul

RT: 17.081 min Scan# 2362

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

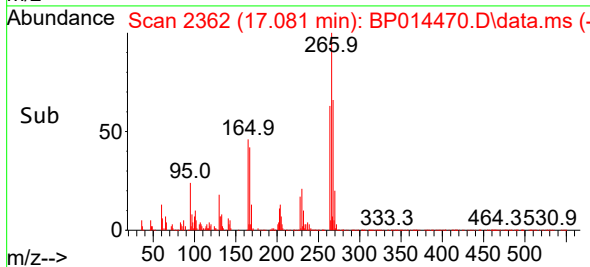
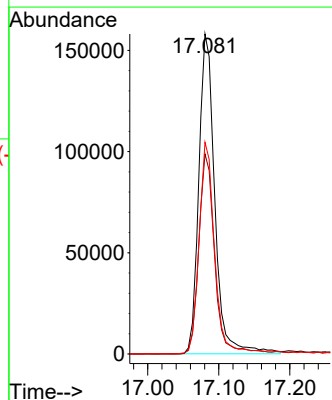
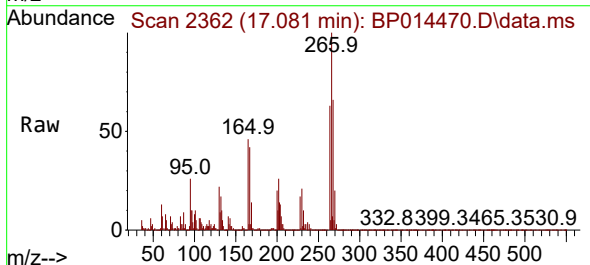
Tgt Ion:266 Resp: 248861

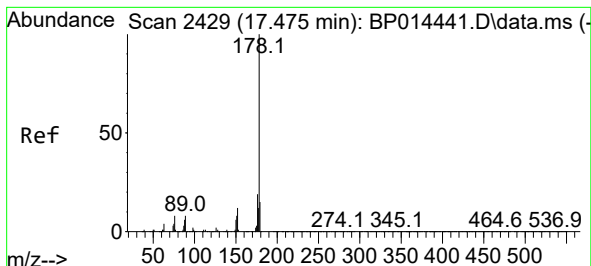
Ion Ratio Lower Upper

266 100

264 62.5 51.0 76.4

268 66.1 51.4 77.2





#72

Phenanthrene

Concen: 27.275 ng/ul

RT: 17.475 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

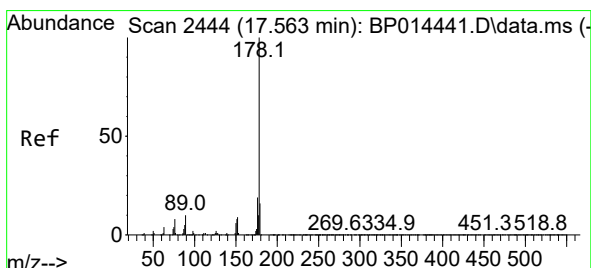
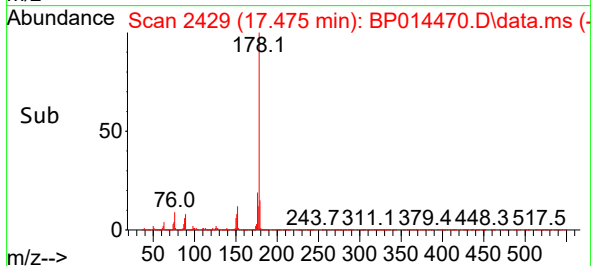
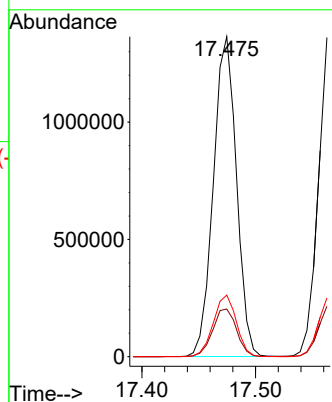
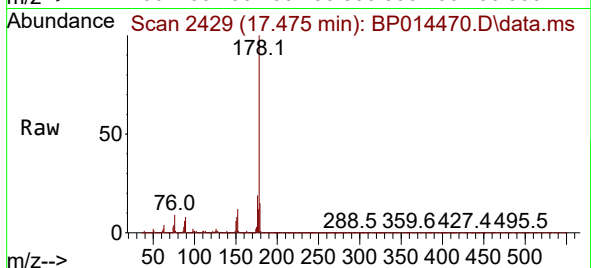
Tgt Ion:178 Resp: 1925089

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

176 19.3 15.3 22.9



#74

Anthracene

Concen: 27.502 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

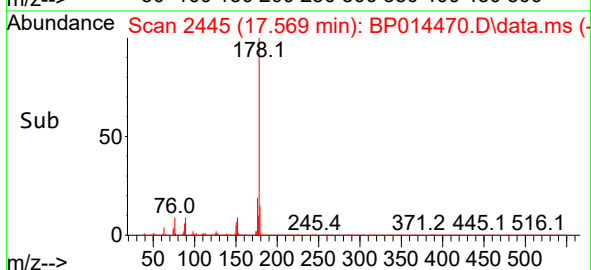
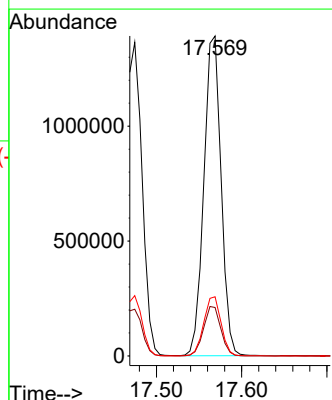
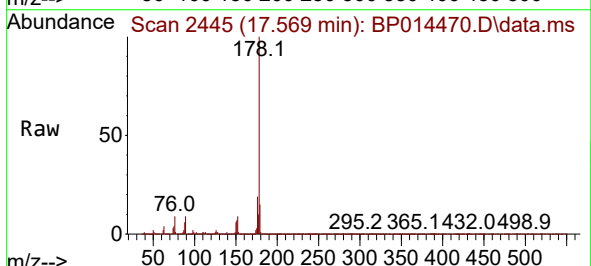
Tgt Ion:178 Resp: 1956396

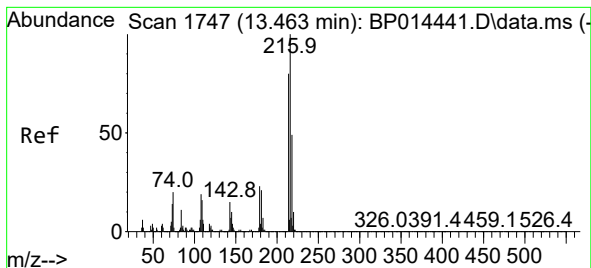
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.550 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

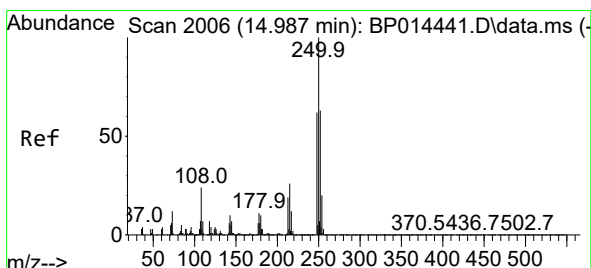
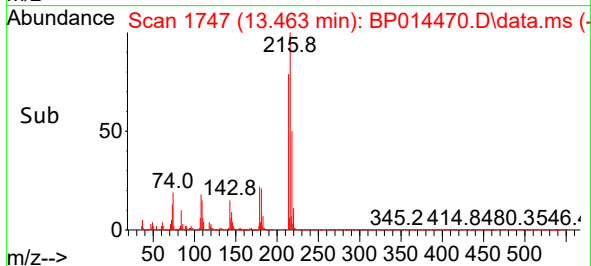
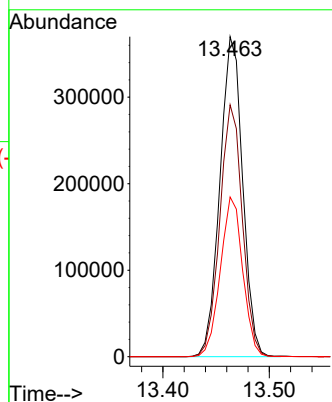
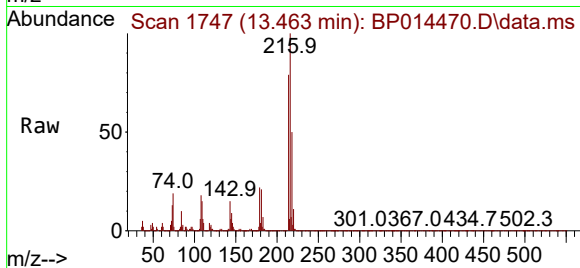
Tgt Ion:216 Resp: 548235

Ion Ratio Lower Upper

216 100

214 78.7 61.0 91.6

218 49.9 38.7 58.1



#76

Pentachlorobenzene

Concen: 26.107 ng/uL

RT: 14.981 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

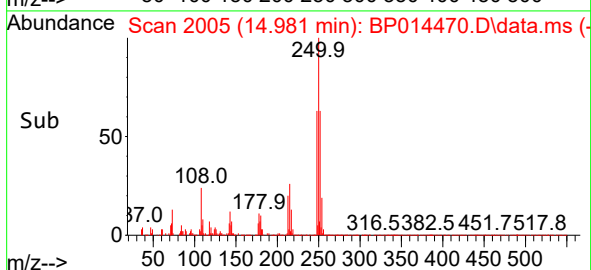
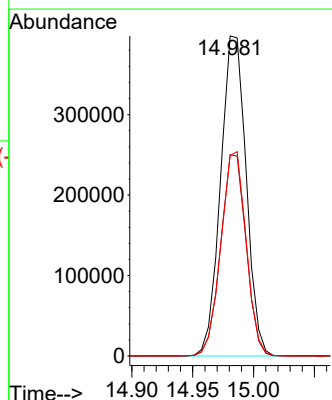
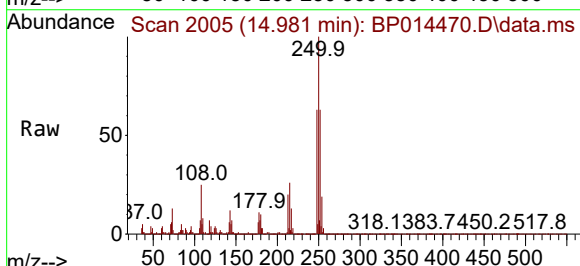
Tgt Ion:250 Resp: 581747

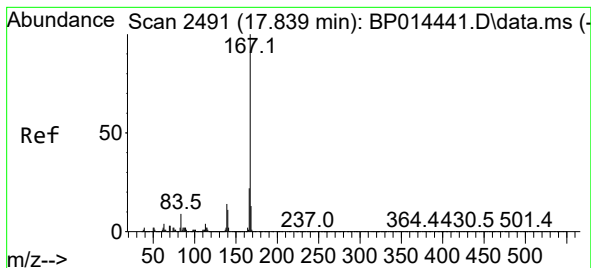
Ion Ratio Lower Upper

250 100

248 62.9 49.0 73.6

252 62.6 50.7 76.1





#77

Carbazole

Concen: 28.420 ng/ul

RT: 17.839 min Scan# 2491

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

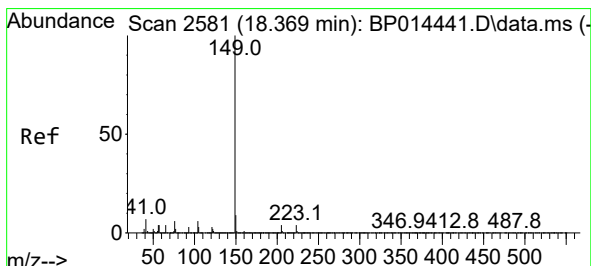
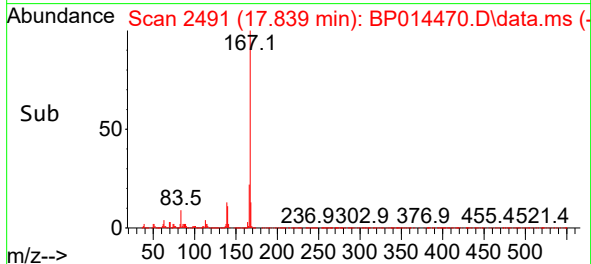
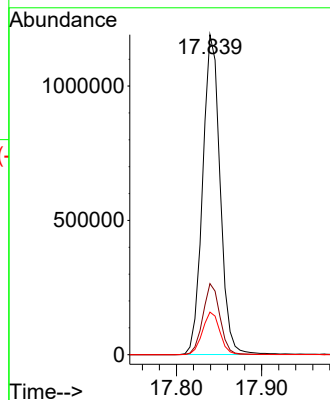
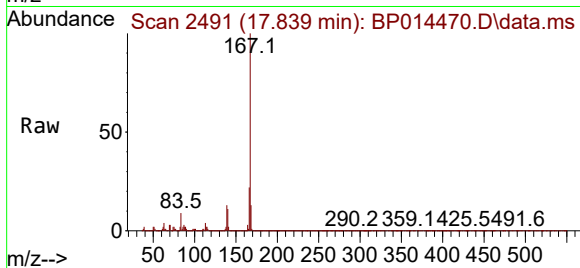
Tgt Ion:167 Resp: 1691888

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 13.3 11.3 16.9



#78

Di-n-butylphthalate

Concen: 31.576 ng/ul

RT: 18.369 min Scan# 2581

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

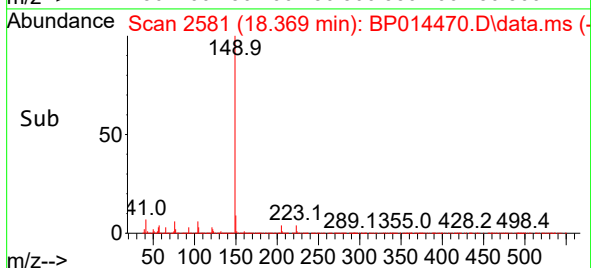
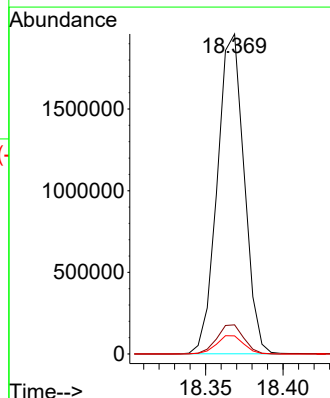
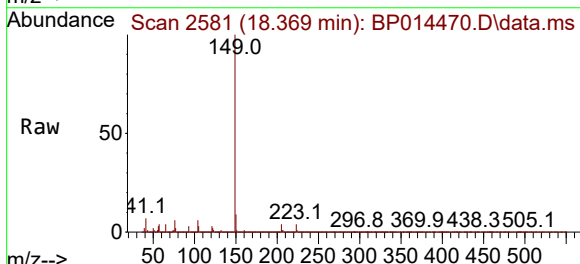
Tgt Ion:149 Resp: 2363604

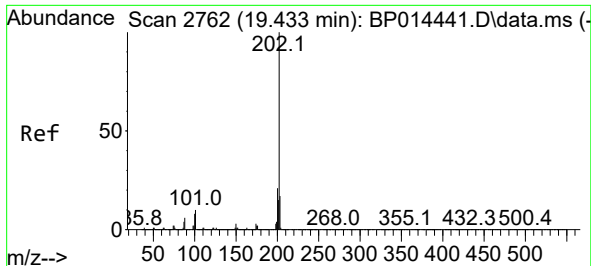
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.7 4.8 7.2

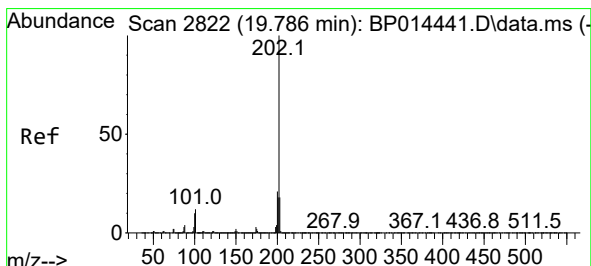
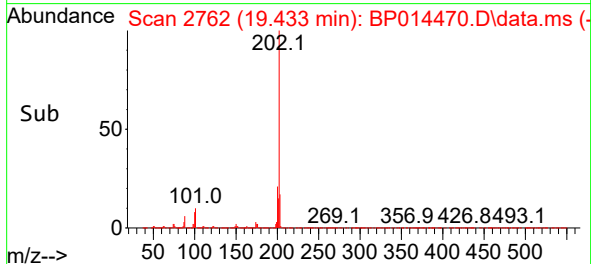
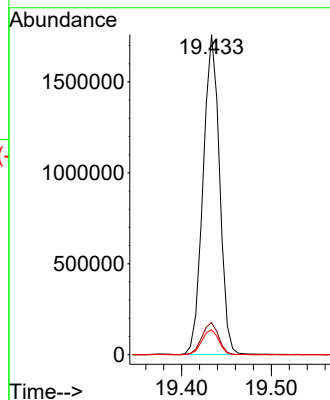
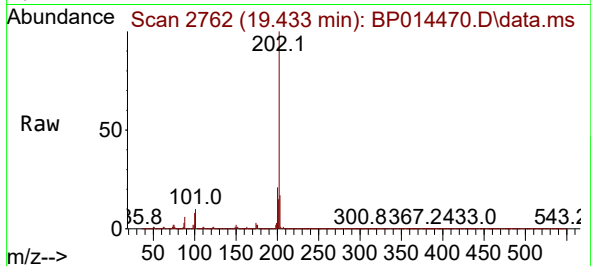




#80
Fluoranthene
Concen: 28.945 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

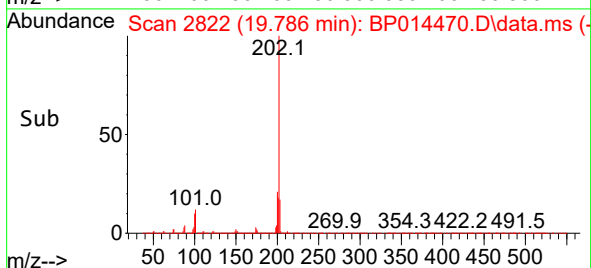
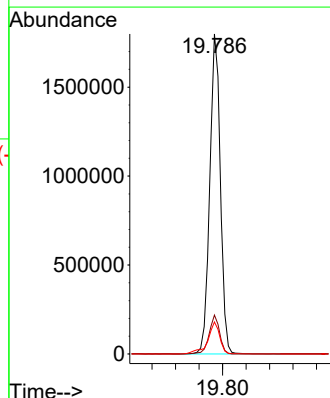
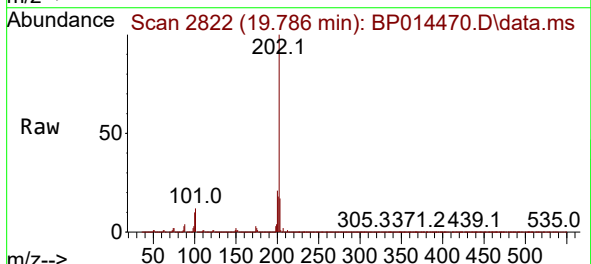
Instrument :
BNA_P
ClientSampleId :
SLCS752

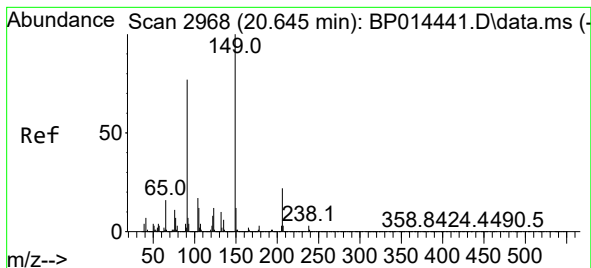
Tgt Ion:202 Resp: 2242275
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.2
100 7.8 6.4 9.6



#82
Pyrene
Concen: 27.868 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:202 Resp: 2253874
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 10.0 8.0 12.0





#83

Butylbenzylphthalate

Concen: 35.531 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

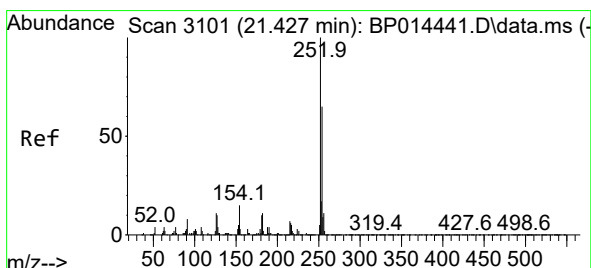
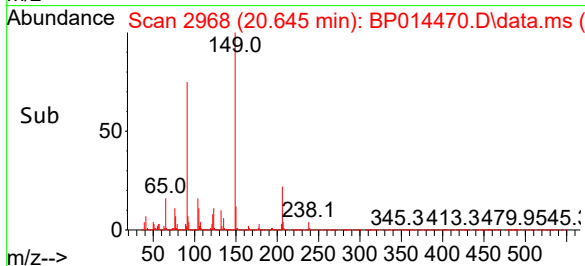
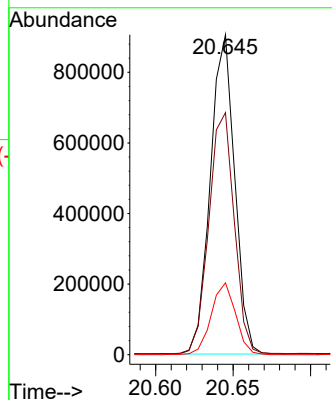
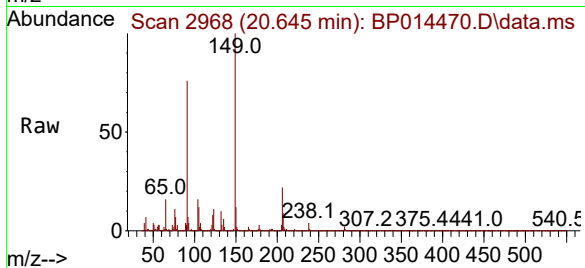
Tgt Ion:149 Resp: 989841

Ion Ratio Lower Upper

149 100

91 75.7 61.8 92.8

206 22.4 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 27.414 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

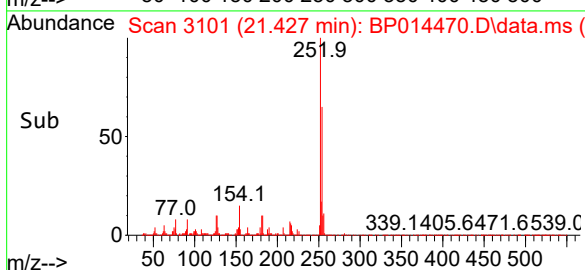
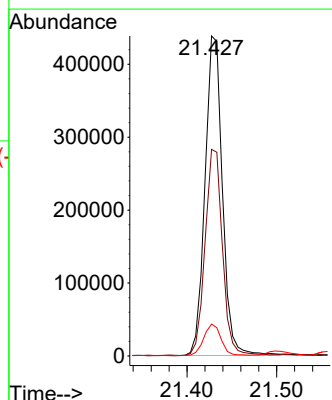
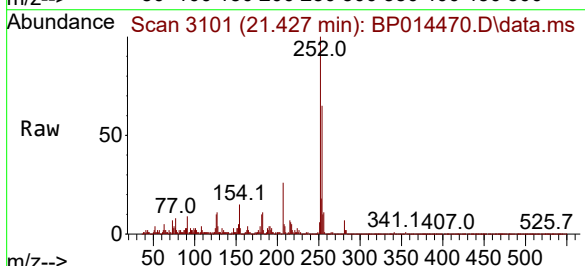
Tgt Ion:252 Resp: 591385

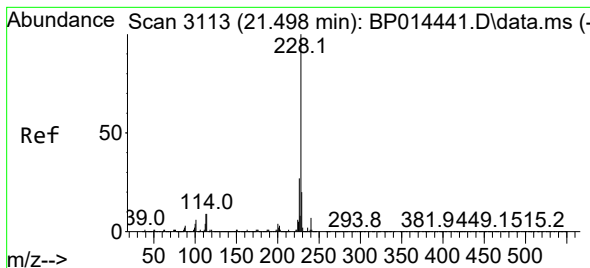
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 27.850 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

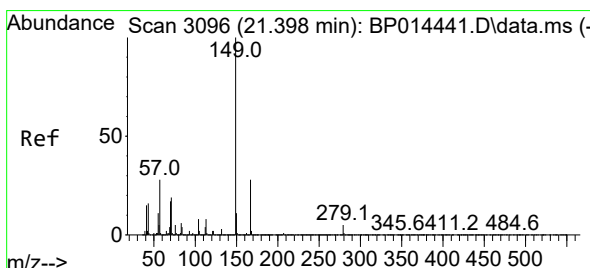
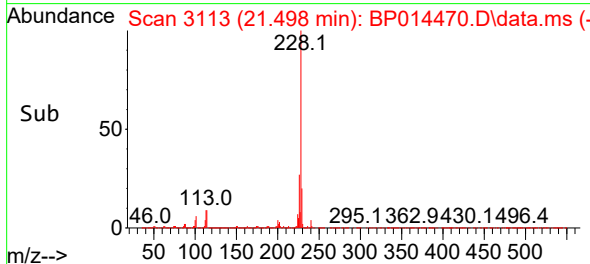
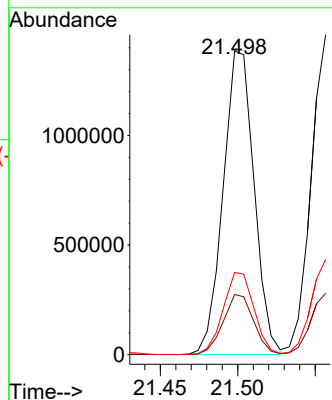
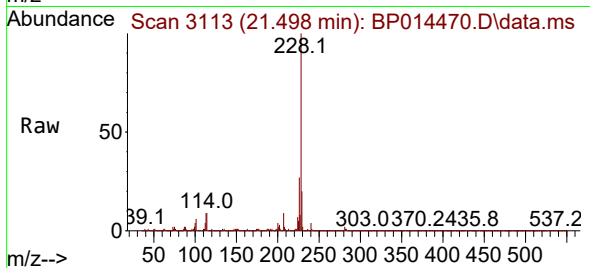
Tgt Ion:228 Resp: 1925024

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.255 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

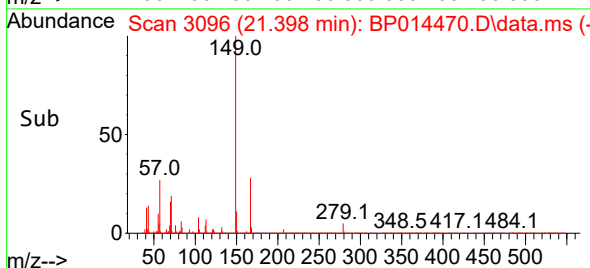
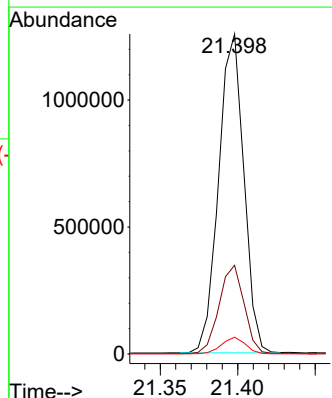
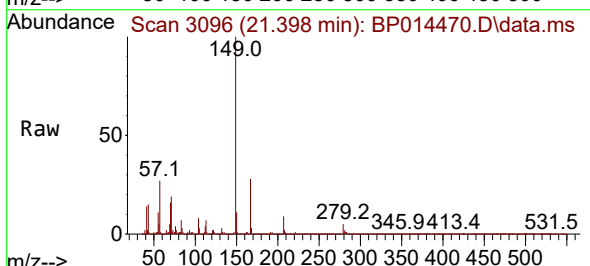
Tgt Ion:149 Resp: 1419261

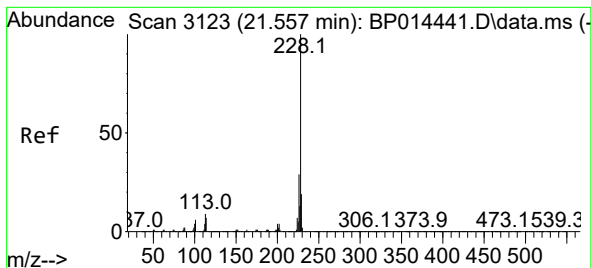
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 5.3 3.7 5.5





#87

Chrysene

Concen: 28.125 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

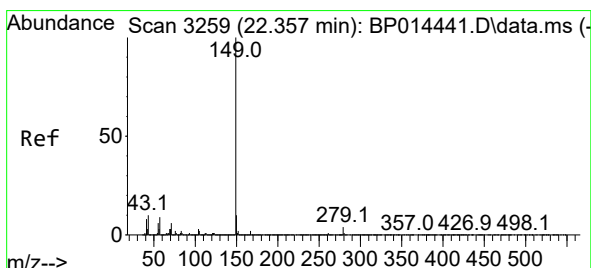
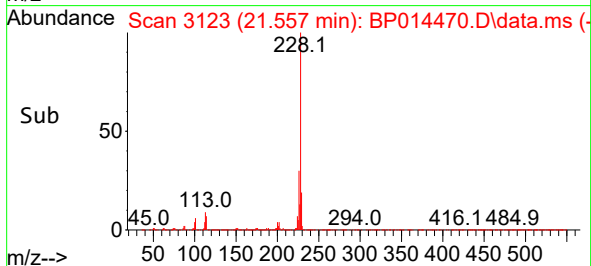
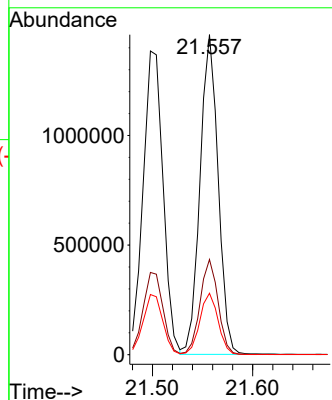
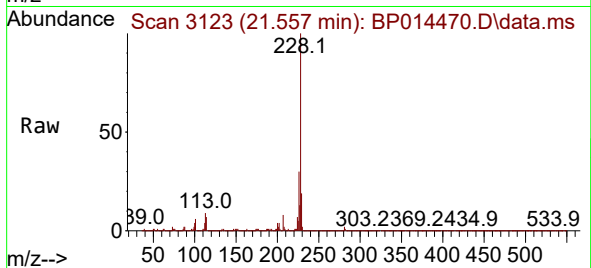
Tgt Ion:228 Resp: 1835629

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 36.977 ng/ul

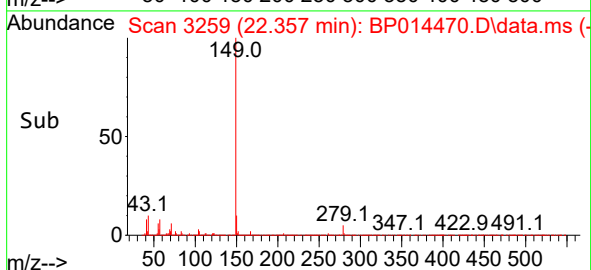
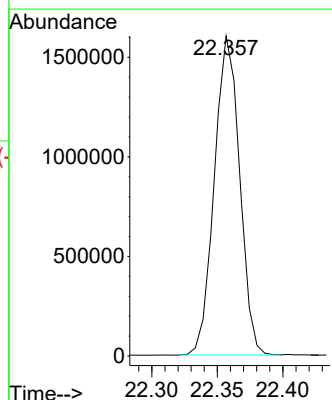
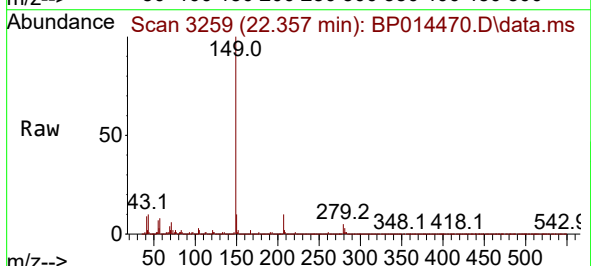
RT: 22.357 min Scan# 3259

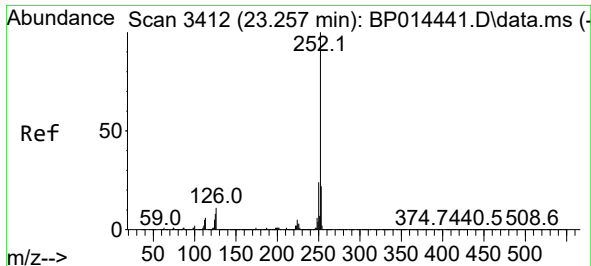
Delta R.T. -0.000 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Tgt Ion:149 Resp: 2145994

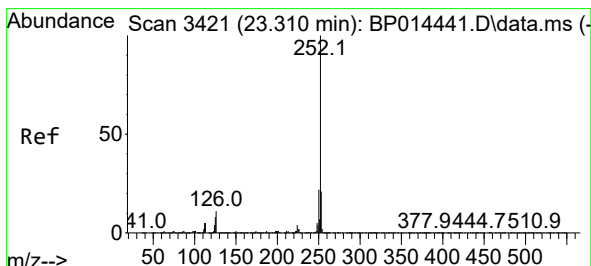
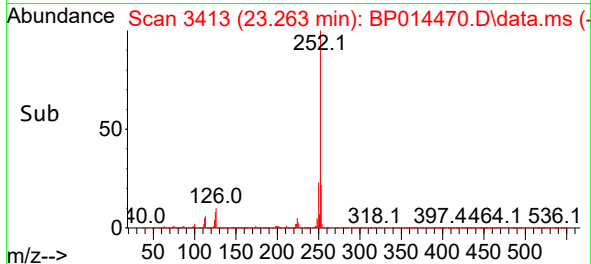
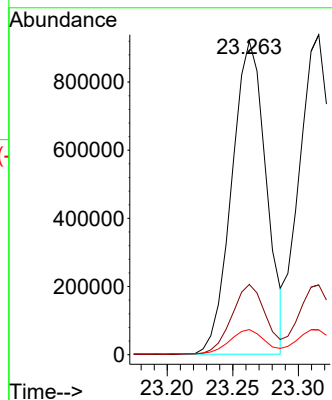
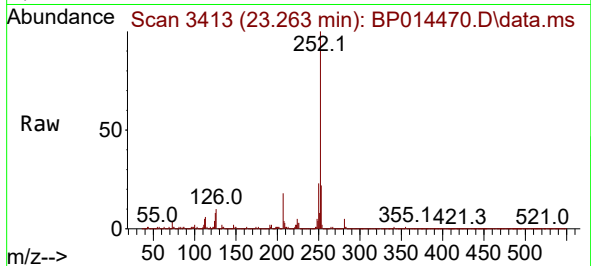




#90
Benzo(b)fluoranthene
Concen: 27.792 ng/ul
RT: 23.263 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

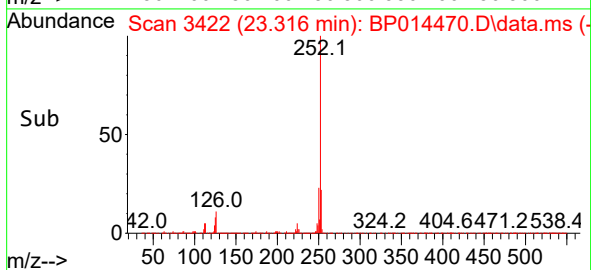
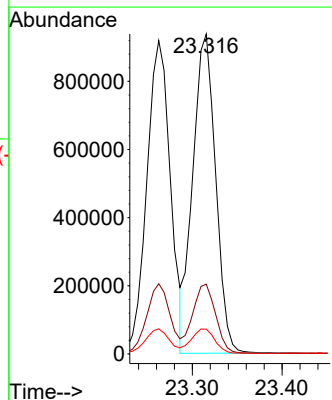
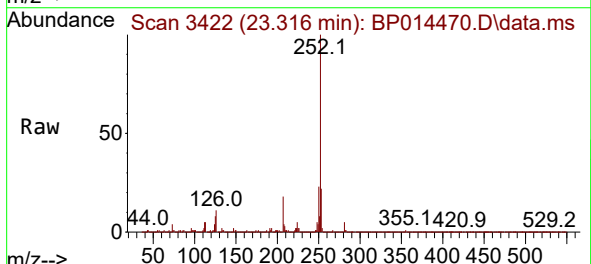
Instrument :
BNA_P
ClientSampleId :
SLCS752

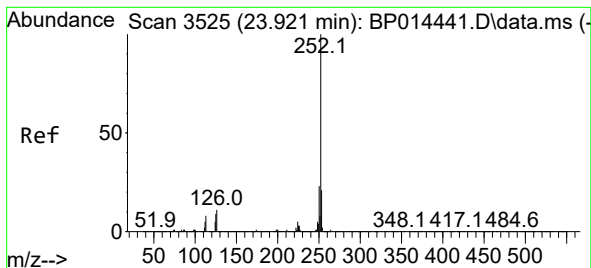
Tgt Ion:252 Resp: 1678636
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 8.0 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 28.234 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP014470.D
Acq: 01 Apr 2023 06:37

Tgt Ion:252 Resp: 1656249
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.8 6.9 10.3





#93

Benzo(a)pyrene

Concen: 27.817 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

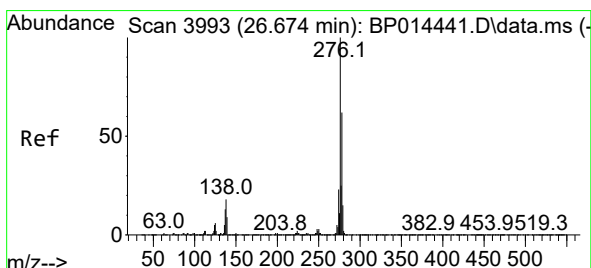
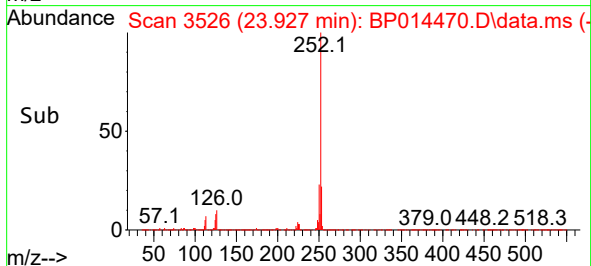
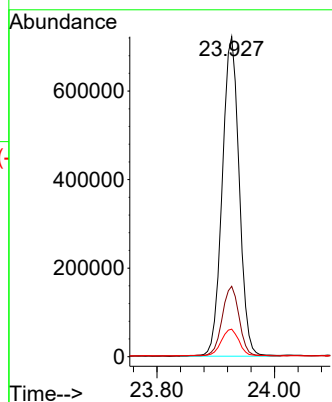
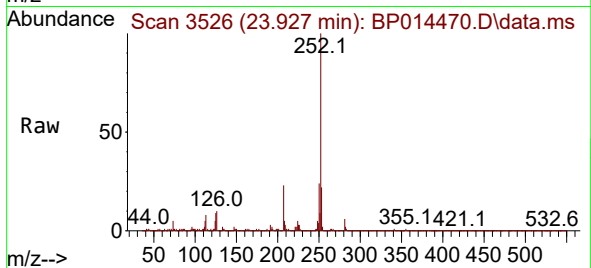
Tgt Ion:252 Resp: 1446204

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 8.6 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.577 ng/ul

RT: 26.686 min Scan# 3995

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

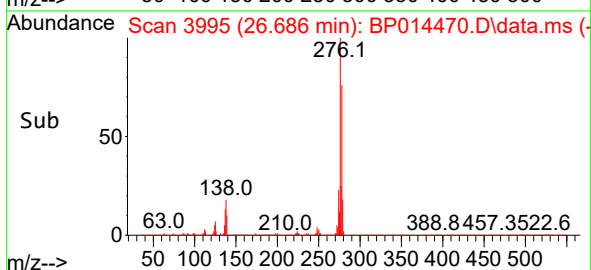
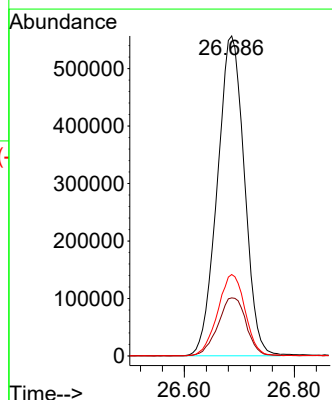
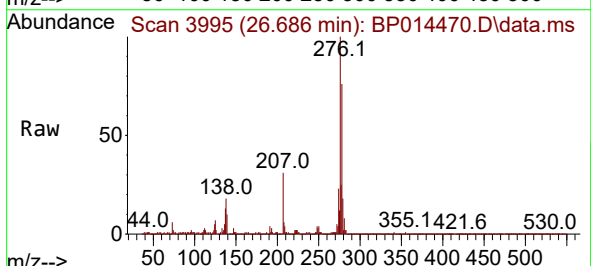
Tgt Ion:276 Resp: 1900956

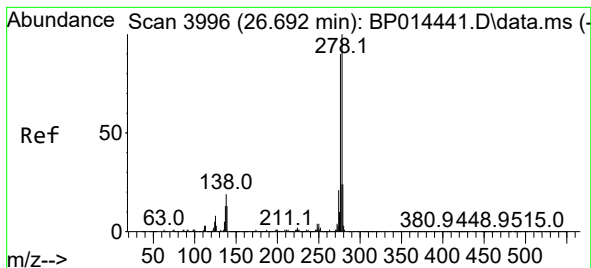
Ion Ratio Lower Upper

276 100

138 18.2 14.9 22.3

277 25.5 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 26.521 ng/ul

RT: 26.704 min Scan# 3998

Delta R.T. 0.012 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Instrument :

BNA_P

ClientSampleId :

SLCS752

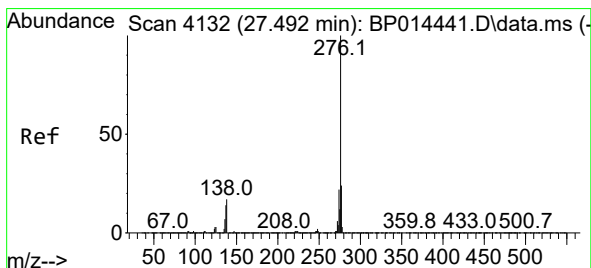
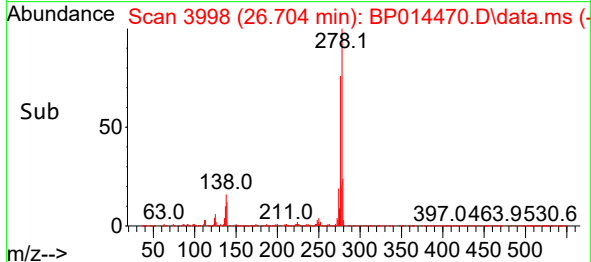
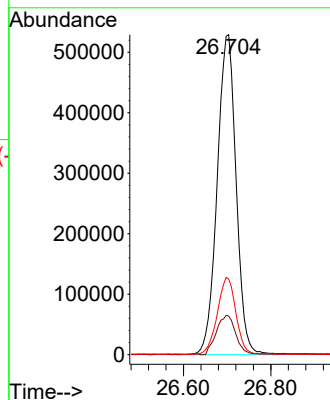
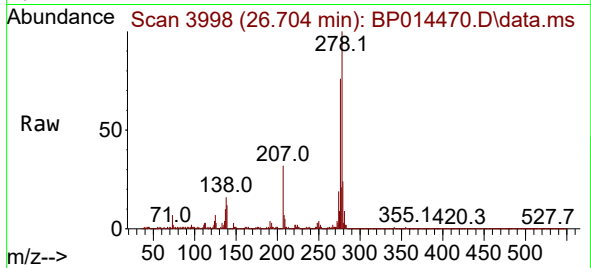
Tgt Ion:278 Resp: 1588224

Ion Ratio Lower Upper

278 100

139 12.1 10.4 15.6

279 23.7 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 26.525 ng/ul

RT: 27.498 min Scan# 4133

Delta R.T. 0.006 min

Lab File: BP014470.D

Acq: 01 Apr 2023 06:37

Tgt Ion:276 Resp: 1546487

Ion Ratio Lower Upper

276 100

138 16.1 13.0 19.4

277 22.9 18.4 27.6

