

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014441.D
 Acq On : 31 Mar 2023 13:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 31 22:53:19 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	191112	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	850963	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	568879	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1204168	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	819508	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	794429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	40474	8.213	ng/uL	0.00
4) Pyridine-d5	3.817	84	274718	21.753	ng/u1	0.00
7) Phenol-d5	7.169	99	375865	21.325	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	252659	22.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	279216	21.918	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	312141	21.955	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	146125	21.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	171933	21.857	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	312322	21.801	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	404753	21.449	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	986636	21.390	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1100123	21.495	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	144366	20.717	ng/u1	0.00
60) Fluorene-d10	15.663	176	815828	21.209	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	173349	19.564	ng/u1	0.00
73) Anthracene-d10	17.528	188	1245357	21.370	ng/u1	0.00
81) Pyrene-d10	19.757	212	1223453	22.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	884015	20.944	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	44345	8.188	ng/uL	98
5) Pyridine	3.834	79	281940	21.333	ng/u1	94
6) Benzaldehyde	7.152	77	238358	27.208	ng/u1	99
8) Phenol	7.199	94	394764	21.591	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	321667	21.892	ng/u1	98
12) 2-Chlorophenol	7.575	128	288931	21.791	ng/u1	96
13) 2-Methylphenol	8.463	108	296815	21.768	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	447315	23.187	ng/u1	100
16) Acetophenone	8.846	105	523930	22.317	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	291723	23.001	ng/u1	96
18) 4-Methylphenol	8.793	108	327907	21.897	ng/u1	98
19) Hexachloroethane	9.099	117	129763	22.399	ng/u1	96
22) Nitrobenzene	9.234	77	421174	21.341	ng/u1	98
23) Isophorone	9.757	82	800953	22.017	ng/u1	99
25) 2-Nitrophenol	9.946	139	175850	21.179	ng/u1	96
26) 2,4-Dimethylphenol	10.004	107	401600	21.610	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.240	93	468273	21.470	ng/u1	100
29) 2,4-Dichlorophenol	10.487	162	309726	21.969	ng/u1	98
30) Naphthalene	10.887	128	1004017	21.182	ng/u1	100
32) 4-Chloroaniline	11.004	127	410379	21.471	ng/u1	99
33) Hexachlorobutadiene	11.163	225	233966	20.947	ng/u1	99
34) Caprolactam	11.798	113	92042	22.099	ng/u1	91
35) 4-Chloro-3-methylphenol	12.122	107	375078	21.629	ng/u1	100
36) 2-Methylnaphthalene	12.493	142	693165	21.578	ng/u1	99

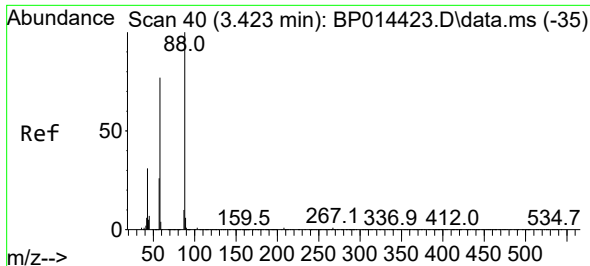
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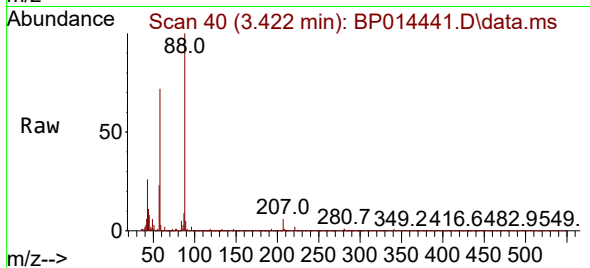
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	688037	21.597	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	420850	20.749	ng/ul	97
40) Hexachlorocyclopentadiene	12.828	237	249771	19.016	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	266150	21.205	ng/ul	97
42) 2,4,5-Trichlorophenol	13.181	196	285101	21.337	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	958361	20.852	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	763790	21.018	ng/ul	99
45) 2-Nitroaniline	13.757	65	254142	22.582	ng/ul	98
47) Dimethylphthalate	14.122	163	983677	21.329	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	199936	22.189	ng/ul	99
50) Acenaphthylene	14.392	152	1166787	21.406	ng/ul	99
51) 3-Nitroaniline	14.587	138	178449	22.106	ng/ul	96
52) Acenaphthene	14.728	153	812020	21.082	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	108026	18.514	ng/ul	97
55) 4-Nitrophenol	14.892	109	142850	20.771	ng/ul	93
56) Dibenzofuran	15.069	168	1132961	20.924	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	287563	22.499	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	258380	21.515	ng/ul	96
59) Diethylphthalate	15.481	149	1006140	21.954	ng/ul	98
61) Fluorene	15.716	166	935477	21.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	494321	20.964	ng/ul	98
63) 4-Nitroaniline	15.751	138	151244	23.060	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	168126	19.580	ng/ul	100
67) N-Nitrosodiphenylamine	15.928	169	790135	21.089	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	309246	20.638	ng/ul	97
69) Hexachlorobenzene	16.728	284	355115	20.632	ng/ul	99
70) Atrazine	16.881	200	301128	22.079	ng/ul	99
71) Pentachlorophenol	17.075	266	196322	19.689	ng/ul	99
72) Phenanthrene	17.475	178	1407043	21.003	ng/ul	100
74) Anthracene	17.563	178	1439096	21.314	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	428444	20.213	ng/ul	97
76) Pentachlorobenzene	14.987	250	433799	20.511	ng/ul	99
77) Carbazole	17.839	167	1195559	21.159	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1618757	22.784	ng/ul	99
80) Fluoranthene	19.433	202	1460847	22.445	ng/ul	100
82) Pyrene	19.786	202	1491303	21.947	ng/ul	100
83) Butylbenzylphthalate	20.645	149	584118	24.956	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.427	252	372504	20.553	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1235274	21.271	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	805307	25.161	ng/ul	99
87) Chrysene	21.557	228	1173273	21.397	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1275616	24.743	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1124232	20.953	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1075756	20.644	ng/ul	99
93) Benzo(a)pyrene	23.921	252	975622	21.125	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	1380967	21.735	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	1140871	21.446	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	1117570	21.578	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

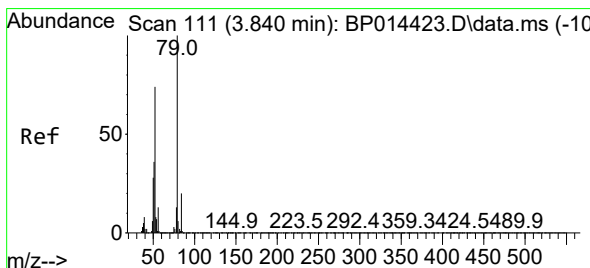
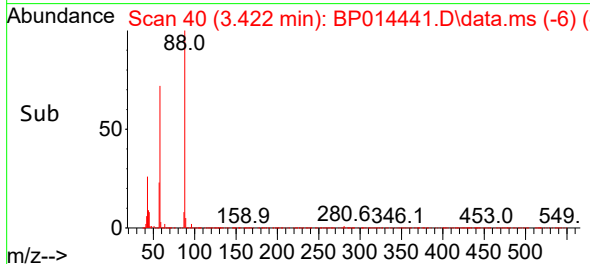
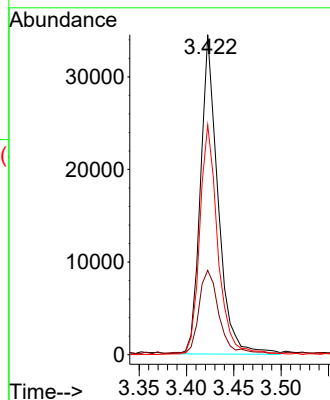


#2
1,4-Dioxane
Concen: 8.188 ng/uL
RT: 3.422 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP014441.D
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Instrument :
BNA_P
ClientSampleId :

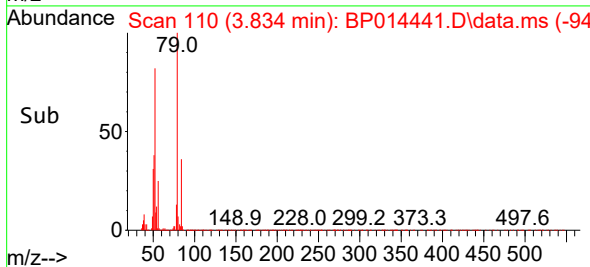
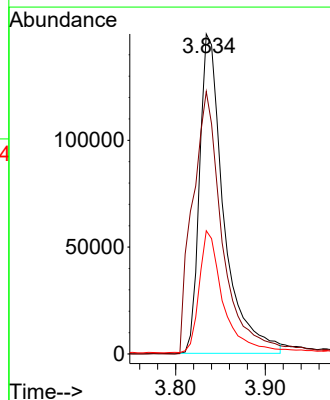
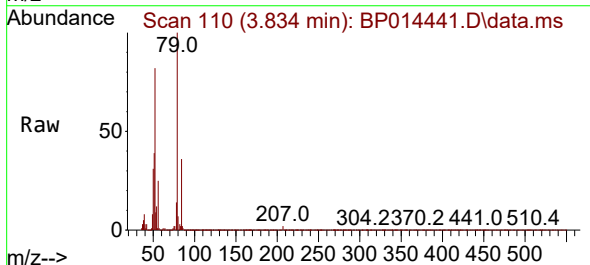


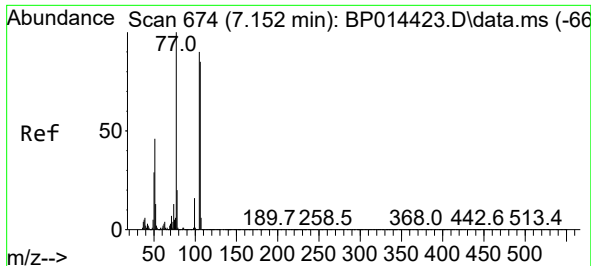
Tgt Ion: 88 Resp: 44345
Ion Ratio Lower Upper
88 100
43 26.3 24.4 36.6
58 71.8 57.4 86.0



#5
Pyridine
Concen: 21.333 ng/uL
RT: 3.834 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion: 79 Resp: 281940
Ion Ratio Lower Upper
79 100
52 82.0 61.4 92.2
51 38.5 28.5 42.7

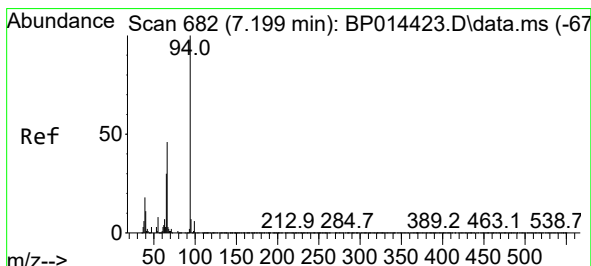
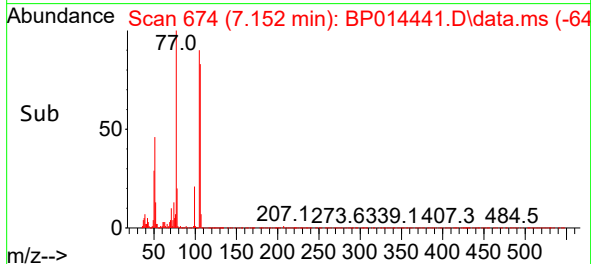
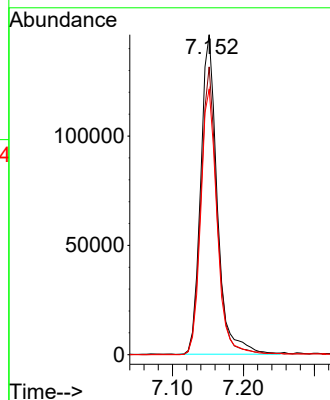
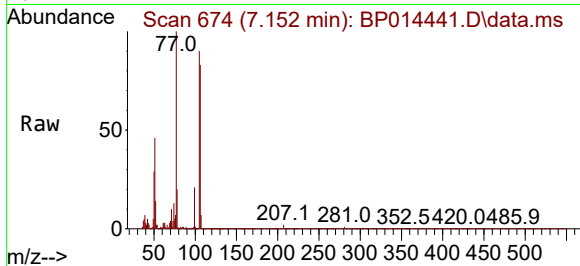




#6
Benzaldehyde
Concen: 27.208 ng/ul
RT: 7.152 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

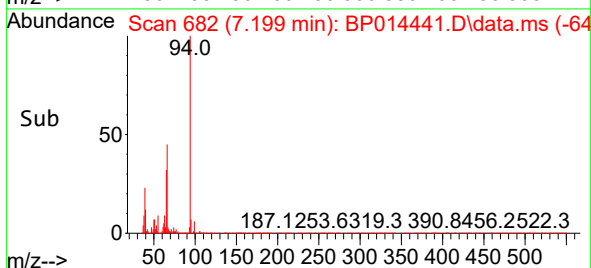
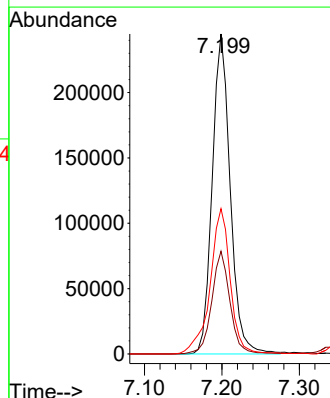
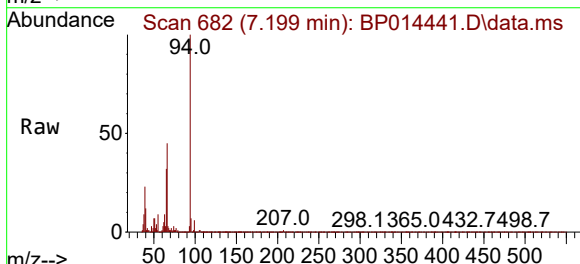
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BNA_P
ClientSampleId :

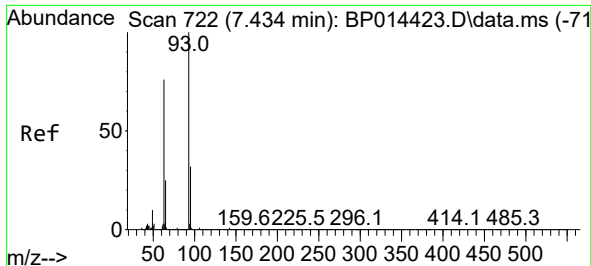
Tgt Ion: 77 Resp: 238358
Ion Ratio Lower Upper
77 100
105 89.9 70.6 105.8
106 82.9 66.5 99.7



#8
Phenol
Concen: 21.591 ng/ul
RT: 7.199 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

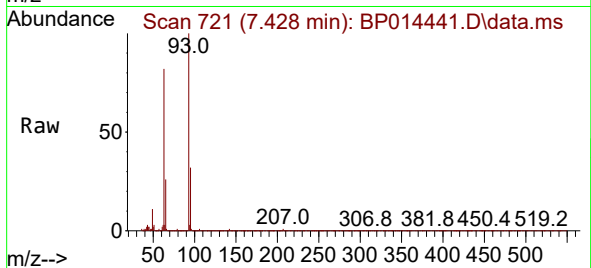
Tgt Ion: 94 Resp: 394764
Ion Ratio Lower Upper
94 100
65 32.1 25.2 37.8
66 45.4 36.2 54.4



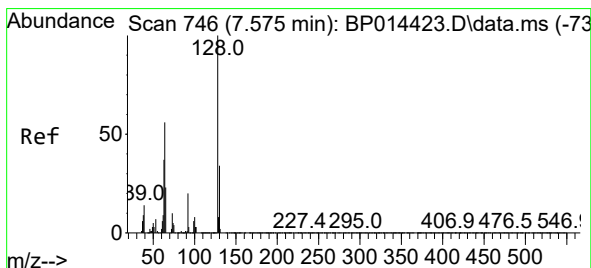
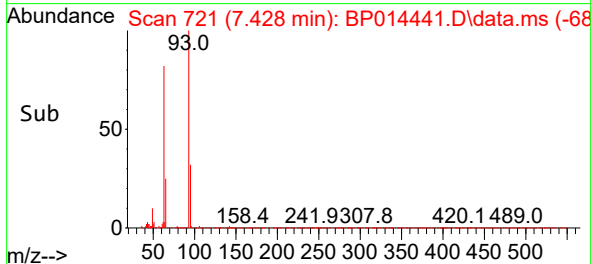
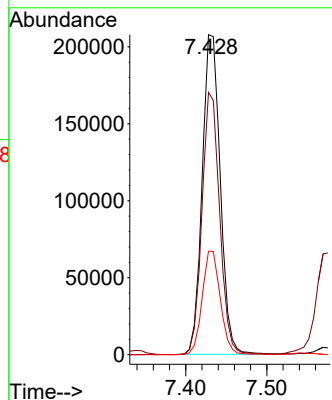


#10
Bis(2-Chloroethyl)ether
Concen: 21.892 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Instrument :
BNA_P
ClientSampleId :

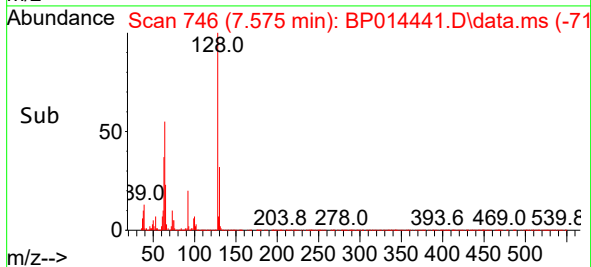
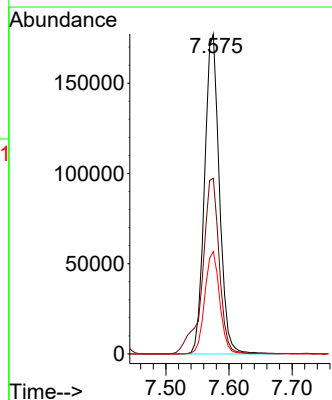
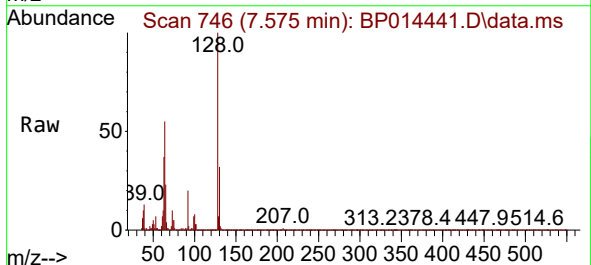


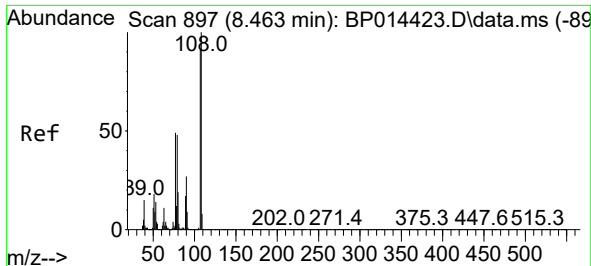
Tgt Ion: 93 Resp: 321667
Ion Ratio Lower Upper
93 100
63 82.0 63.2 94.8
95 32.4 26.0 39.0



#12
2-Chlorophenol
Concen: 21.791 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:128 Resp: 288931
Ion Ratio Lower Upper
128 100
64 54.9 41.4 62.0
130 32.0 24.1 36.1

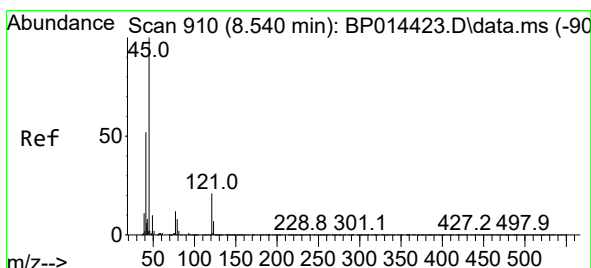
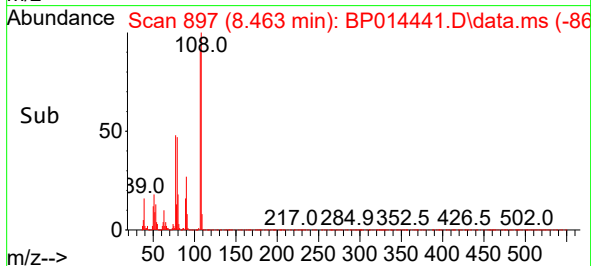
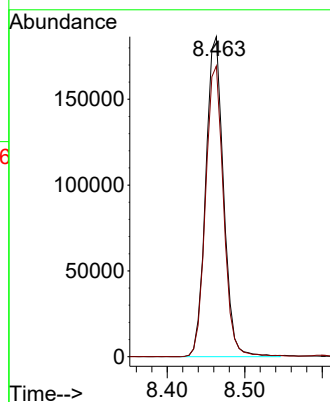
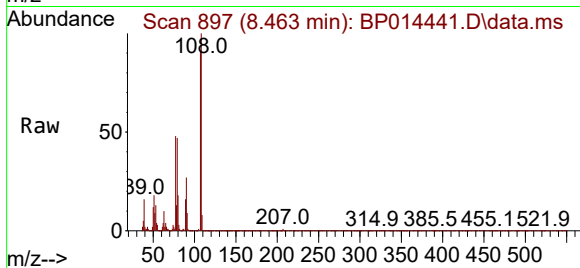




#13
2-Methylphenol
Concen: 21.768 ng/ul
RT: 8.463 min Scan# 897
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

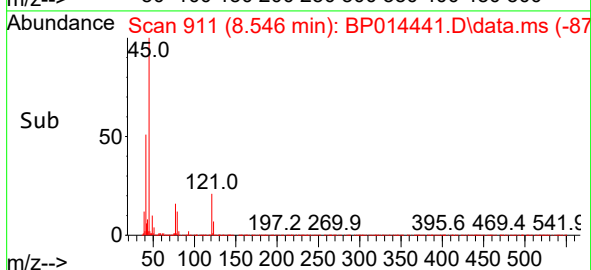
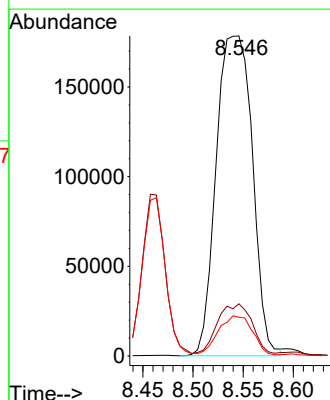
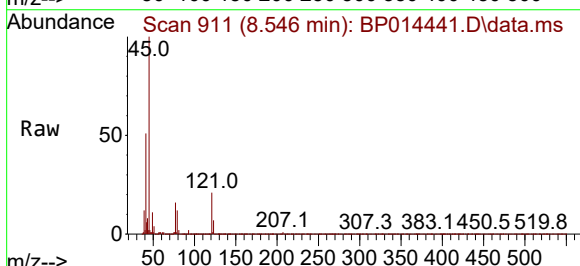
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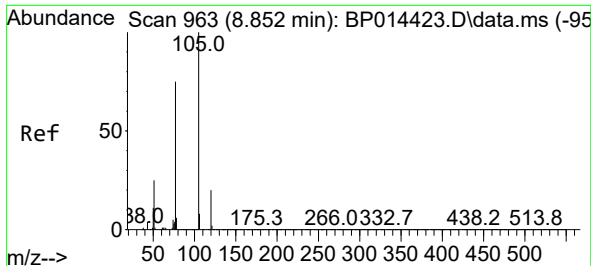
Tgt Ion:108 Resp: 296815
Ion Ratio Lower Upper
108 100
107 90.9 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.187 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion: 45 Resp: 447315
Ion Ratio Lower Upper
45 100
77 16.3 12.8 19.2
79 12.1 9.6 14.4

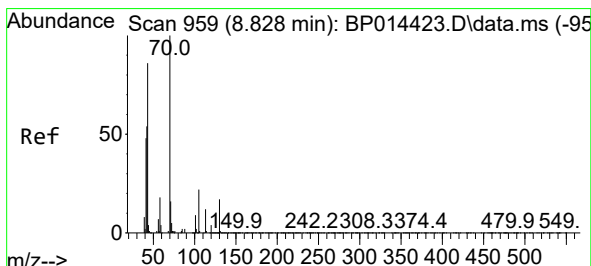
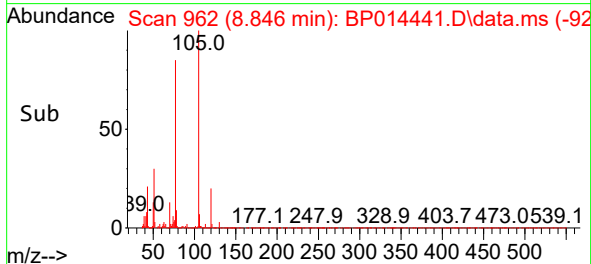
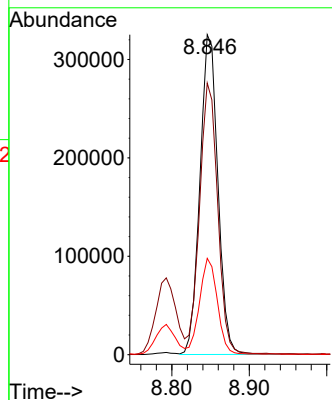
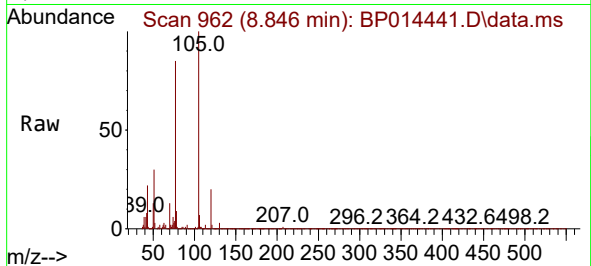




#16
Acetophenone
Concen: 22.317 ng/ul
RT: 8.846 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

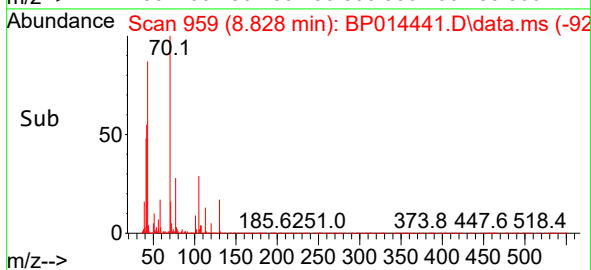
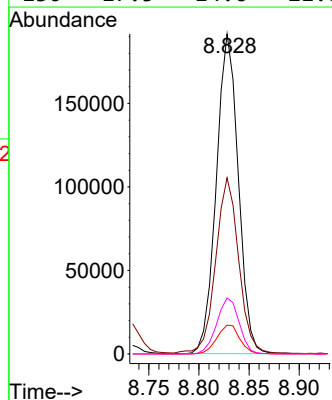
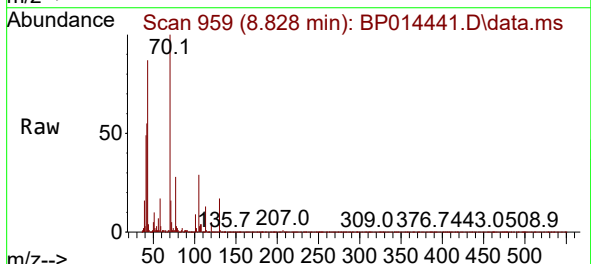
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ClientSampleId :

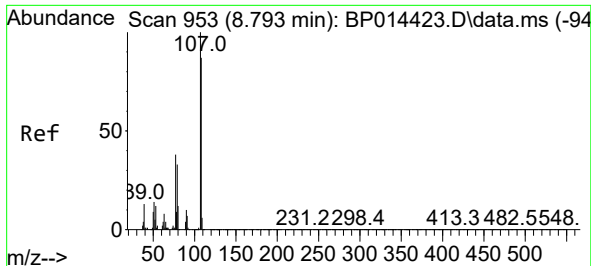
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Ion Ratio Lower Upper
105 100
77 84.9 67.3 100.9
51 30.1 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 23.001 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion: 70 Resp: 291723
Ion Ratio Lower Upper
70 100
42 55.1 41.1 61.7
101 9.0 7.0 10.6
130 17.5 14.6 21.8

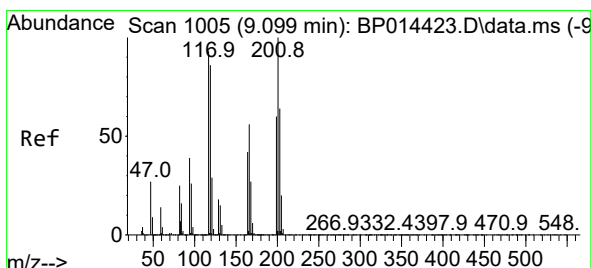
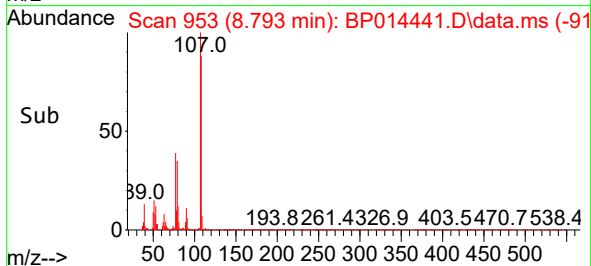
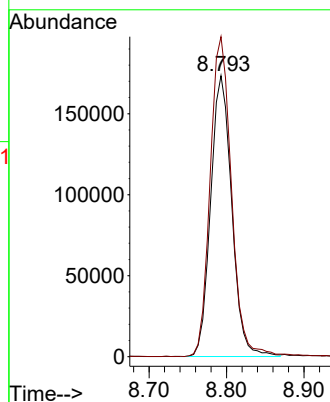
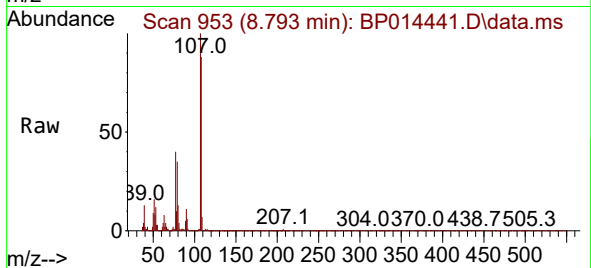




#18
4-Methylphenol
Concen: 21.897 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

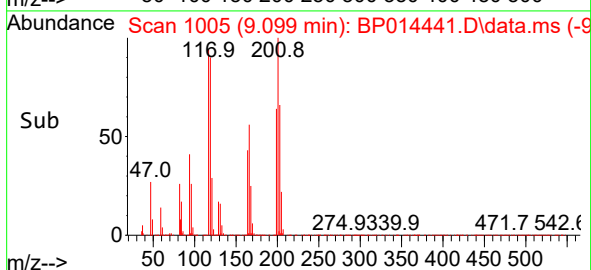
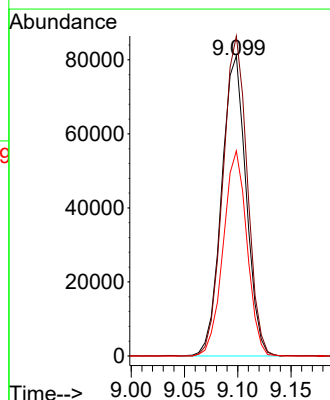
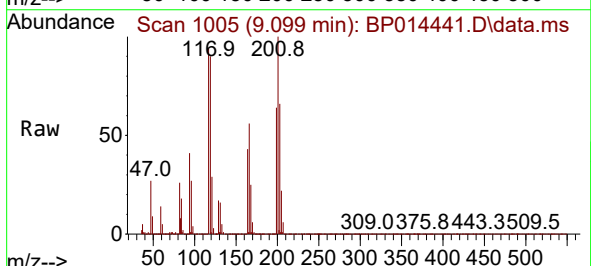
Instrument :
BNA_P
ClientSampleId :

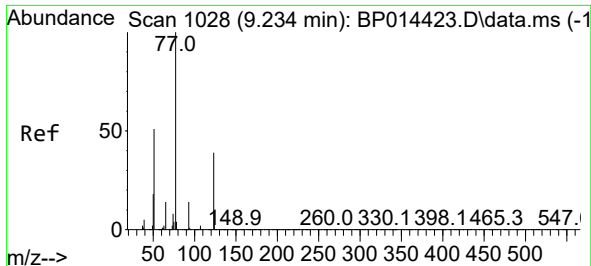
Tgt Ion:108 Resp: 327907
Ion Ratio Lower Upper
108 100
107 113.9 89.0 133.6



#19
Hexachloroethane
Concen: 22.399 ng/ul
RT: 9.099 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:117 Resp: 129763
Ion Ratio Lower Upper
117 100
201 106.6 90.2 135.4
199 68.3 54.2 81.2

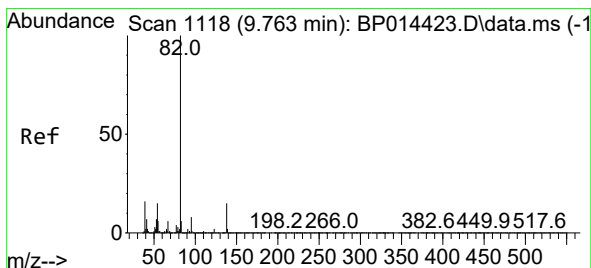
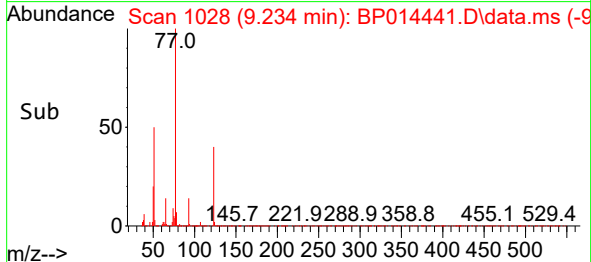
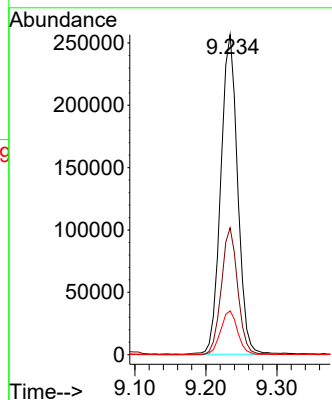
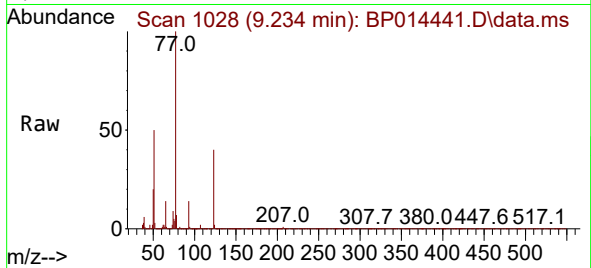




#22
Nitrobenzene
Concen: 21.341 ng/ul
RT: 9.234 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

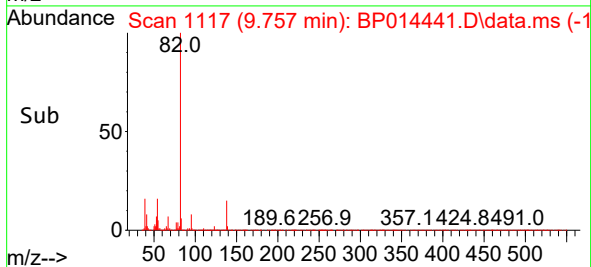
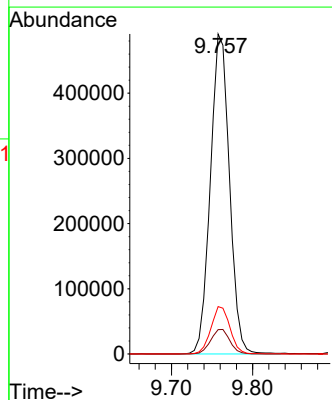
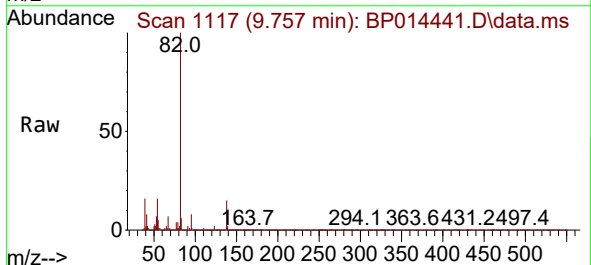
Instrument :
BNA_P
ClientSampleId :

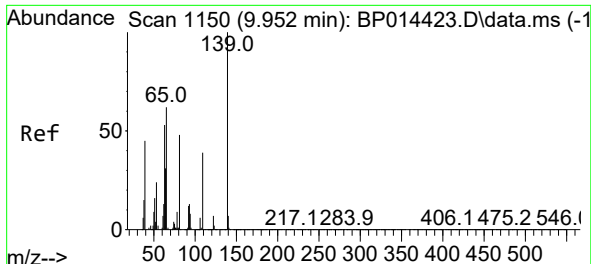
Tgt Ion: 77 Resp: 421174
Ion Ratio Lower Upper
77 100
123 39.6 30.3 45.5
65 13.7 11.0 16.4



#23
Isophorone
Concen: 22.017 ng/ul
RT: 9.757 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion: 82 Resp: 800953
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 14.8 12.2 18.2

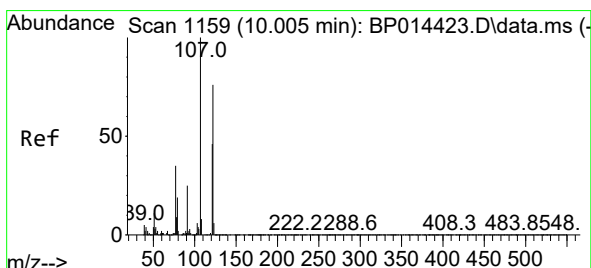
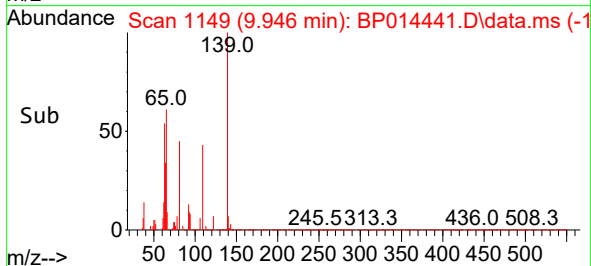
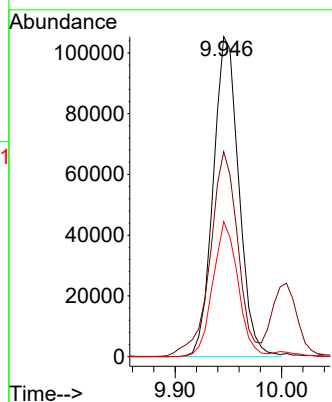
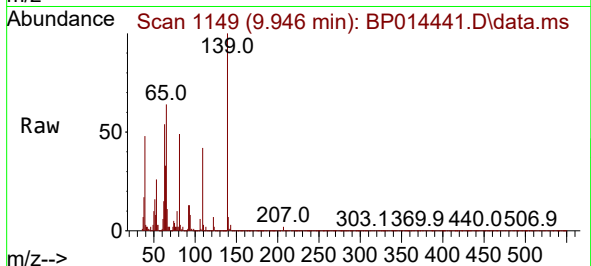




#25
2-Nitrophenol
Concen: 21.179 ng/ul
RT: 9.946 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

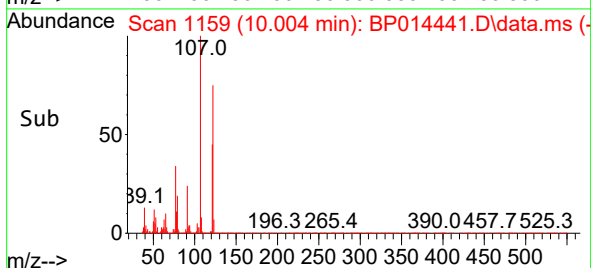
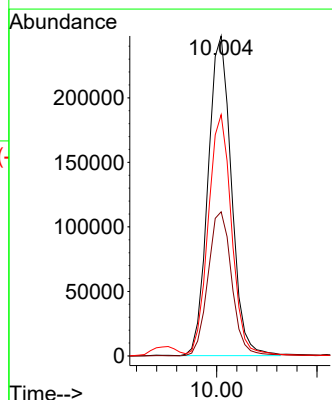
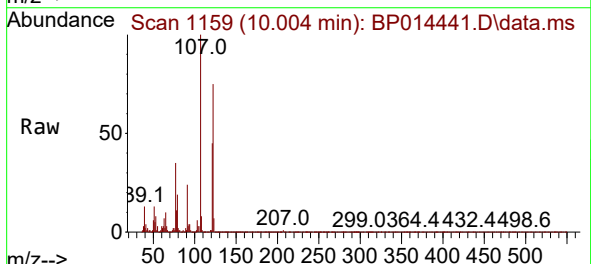
Instrument :
BNA_P
ClientSampleId :

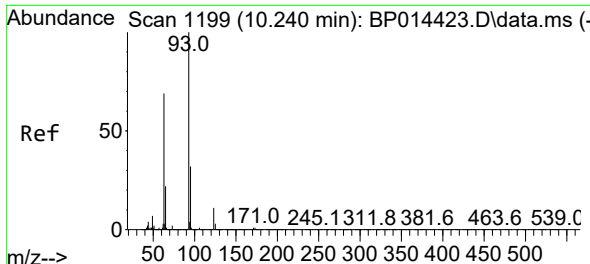
Tgt Ion:139 Resp: 175850
Ion Ratio Lower Upper
139 100
65 64.0 49.7 74.5
109 42.2 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 21.610 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:107 Resp: 401600
Ion Ratio Lower Upper
107 100
121 45.1 37.0 55.6
122 75.4 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 21.470 ng/ul

RT: 10.240 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

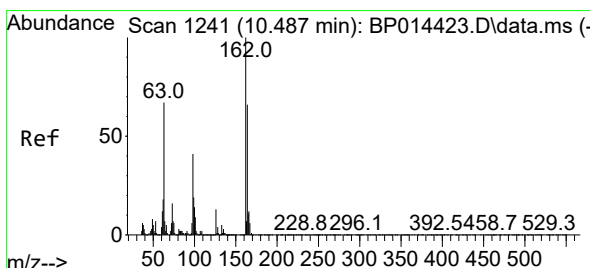
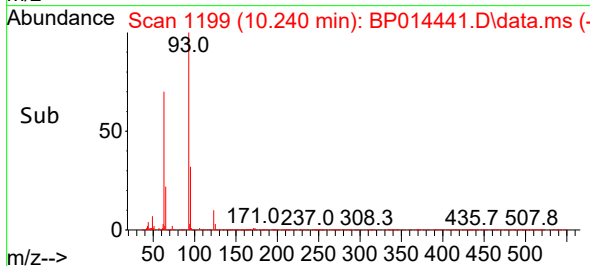
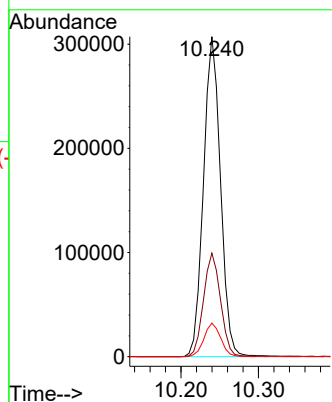
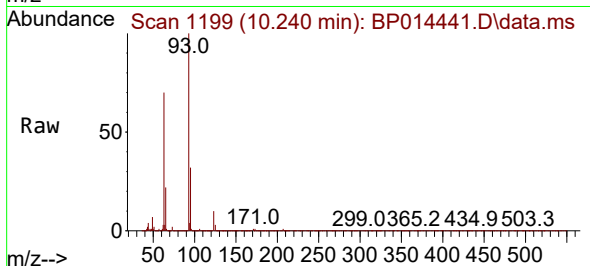
Tgt Ion: 93 Resp: 468273

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 10.5 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 21.969 ng/ul

RT: 10.487 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

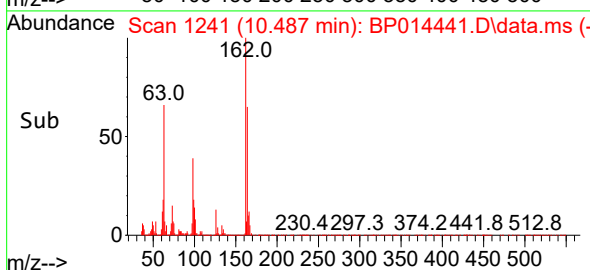
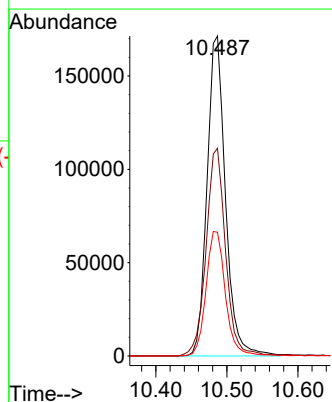
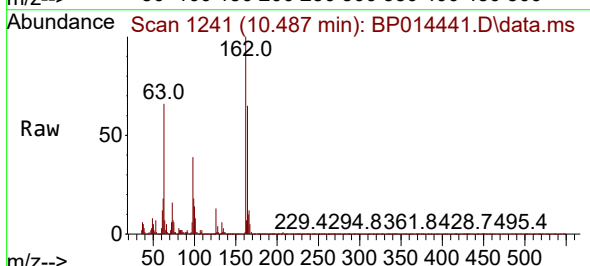
Tgt Ion:162 Resp: 309726

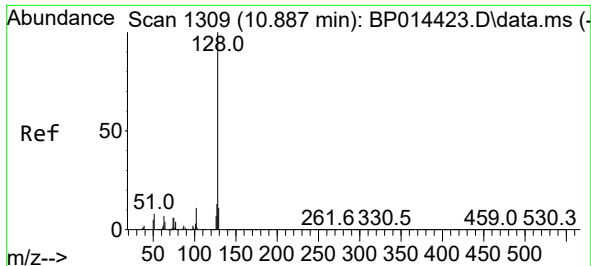
Ion Ratio Lower Upper

162 100

164 64.9 50.1 75.1

98 38.7 30.6 45.8

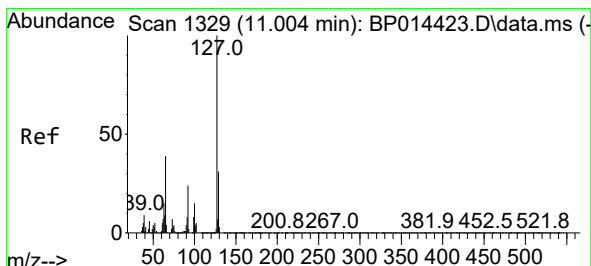
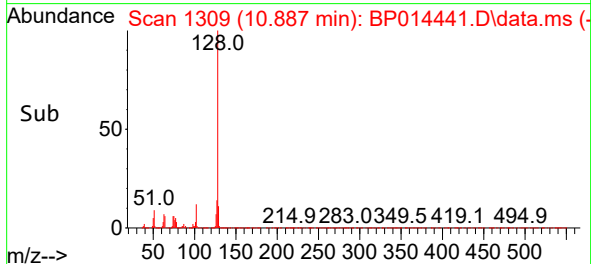
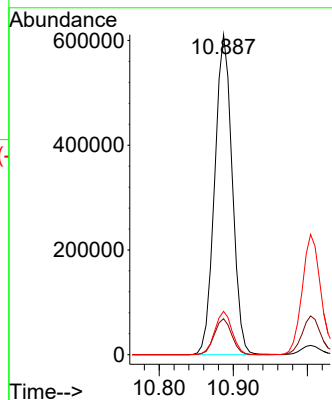
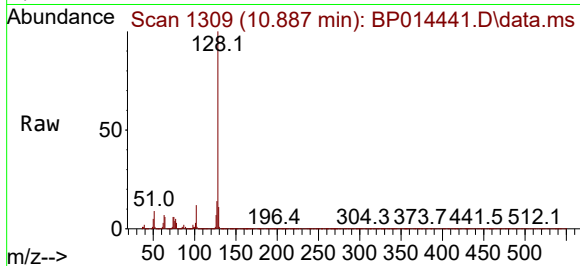




#30
Naphthalene
Concen: 21.182 ng/ul
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

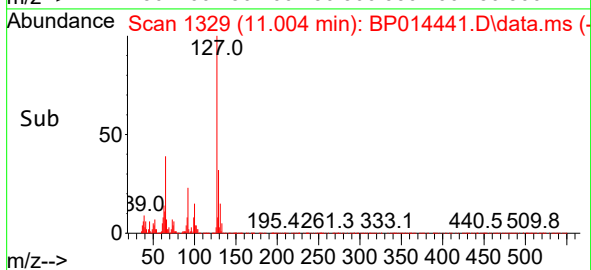
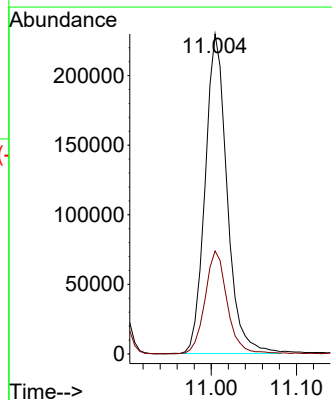
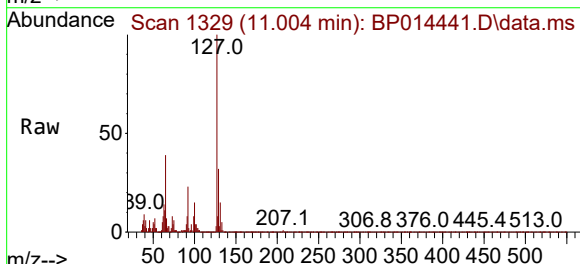
Instrument :
BNA_P
ClientSampleId :

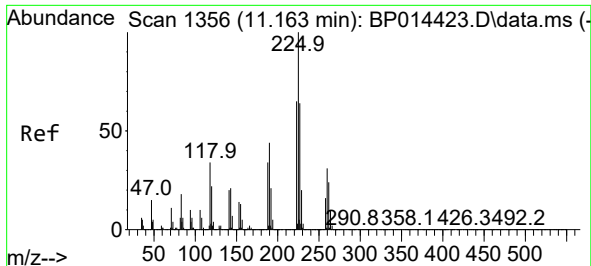
Tgt Ion:128 Resp: 1004017
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.6 11.0 16.6



#32
4-Chloroaniline
Concen: 21.471 ng/ul
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

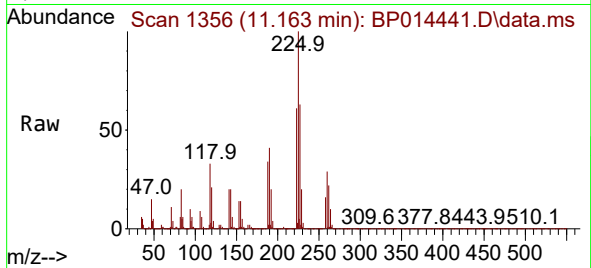
Tgt Ion:127 Resp: 410379
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0



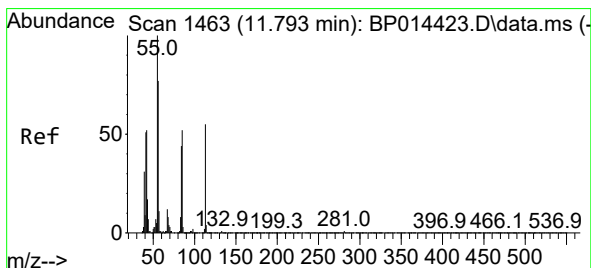
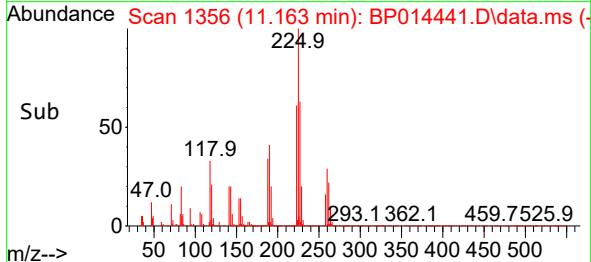
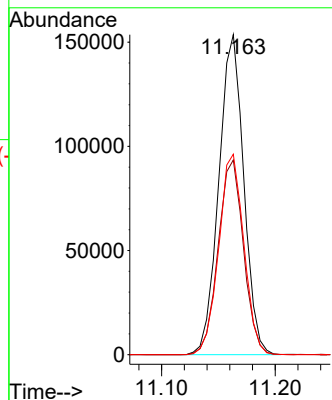


#33
Hexachlorobutadiene
Concen: 20.947 ng/ul
RT: 11.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Instrument :
BNA_P
ClientSampleId :

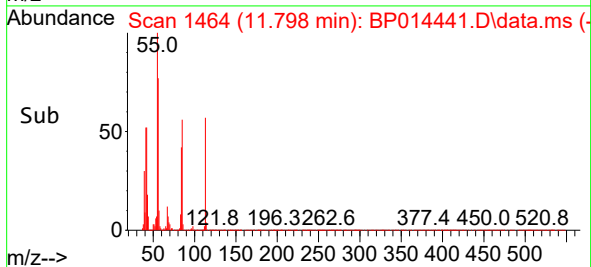
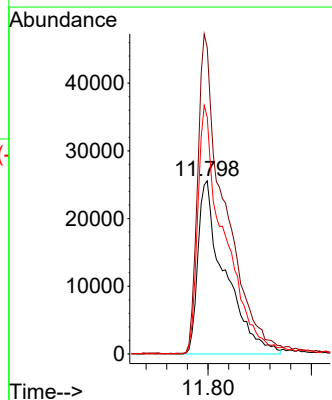
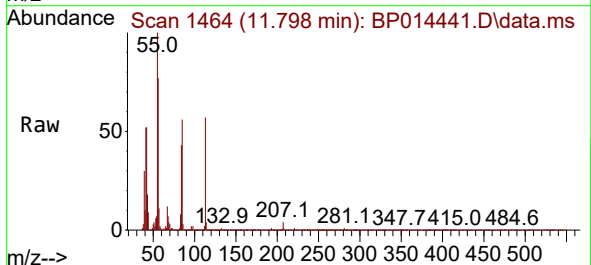


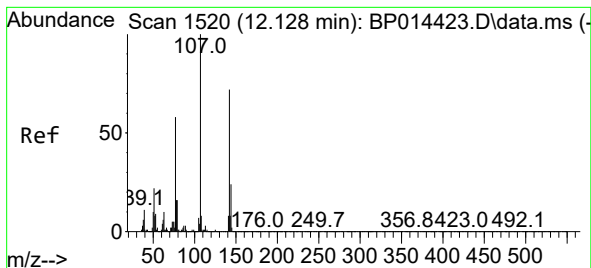
Tgt Ion:225 Resp: 233966
Ion Ratio Lower Upper
225 100
223 60.8 49.3 73.9
227 62.7 49.6 74.4



#34
Caprolactam
Concen: 22.099 ng/ul
RT: 11.798 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:113 Resp: 92042
Ion Ratio Lower Upper
113 100
55 176.9 131.2 196.8
56 136.8 101.1 151.7

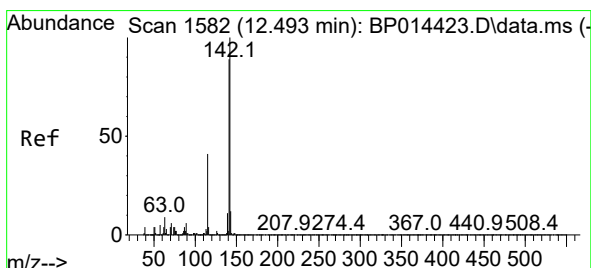
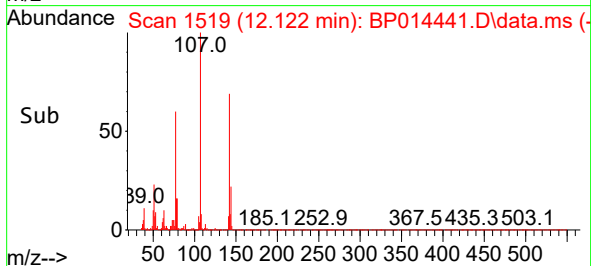
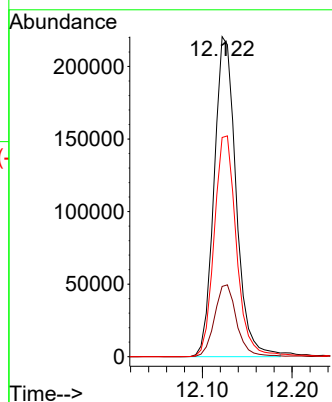
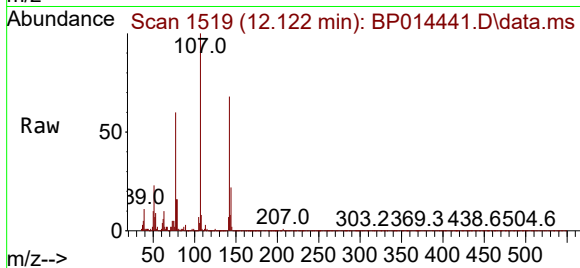




#35
4-Chloro-3-methylphenol
Concen: 21.629 ng/ul
RT: 12.122 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

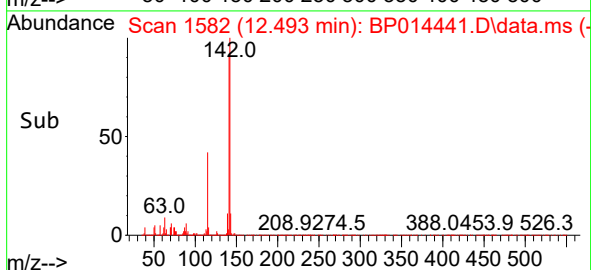
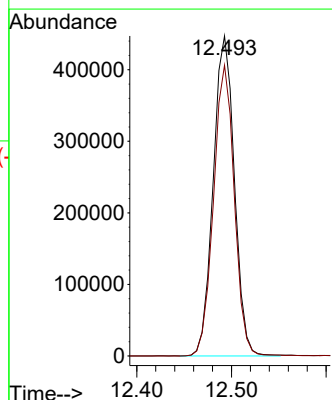
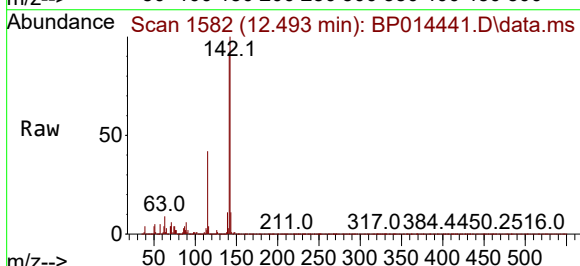
Instrument :
BNA_P
ClientSampleId :

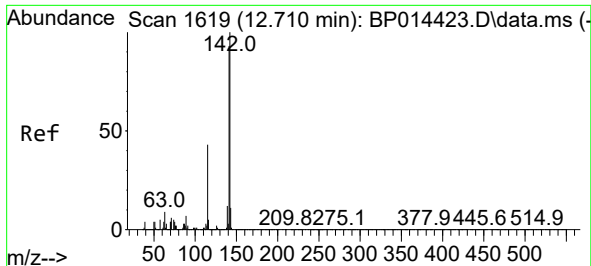
Tgt Ion:107 Resp: 375078
Ion Ratio Lower Upper
107 100
144 22.0 17.3 25.9
142 68.5 54.6 81.8



#36
2-Methylnaphthalene
Concen: 21.578 ng/ul
RT: 12.493 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:142 Resp: 693165
Ion Ratio Lower Upper
142 100
141 90.9 71.6 107.4





#37

1-Methylnaphthalene

Concen: 21.597 ng/ul

RT: 12.710 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

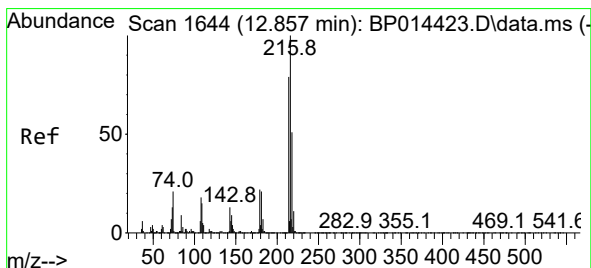
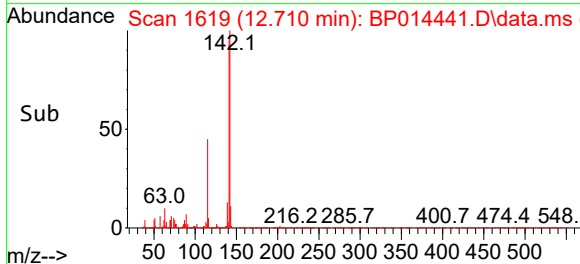
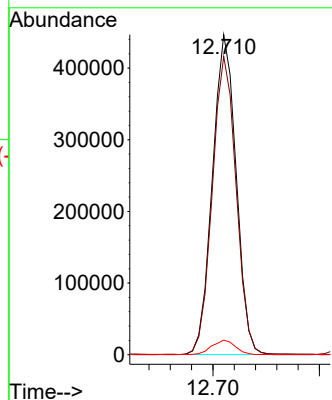
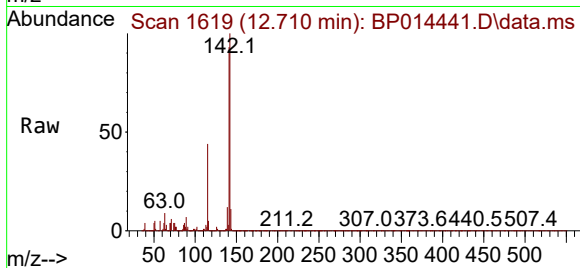
Tgt Ion:142 Resp: 688037

Ion Ratio Lower Upper

142 100

141 93.2 76.6 114.8

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.749 ng/ul

RT: 12.857 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Tgt Ion:216 Resp: 420850

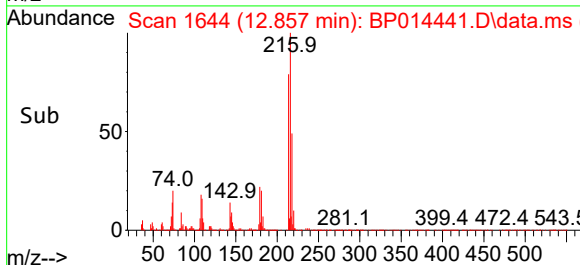
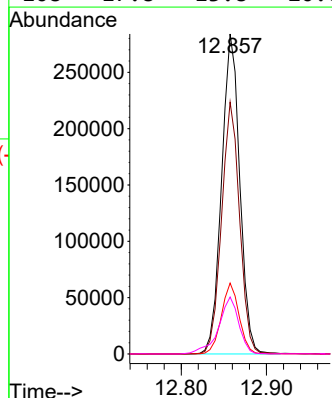
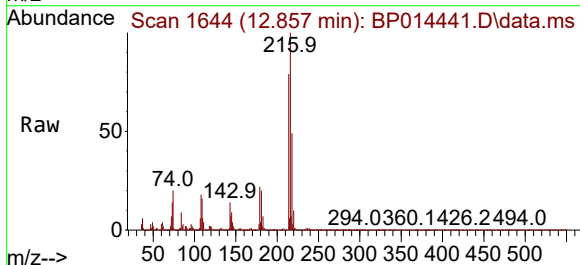
Ion Ratio Lower Upper

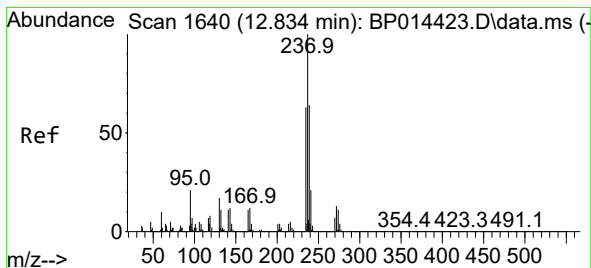
216 100

214 78.7 61.0 91.6

179 22.2 16.6 24.8

108 17.8 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 19.016 ng/ul

RT: 12.828 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

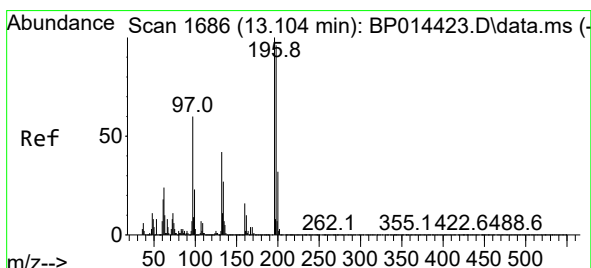
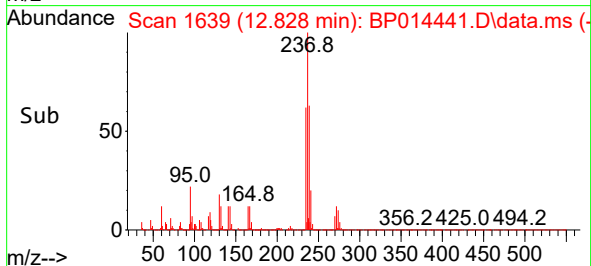
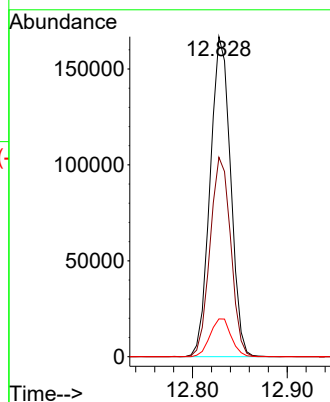
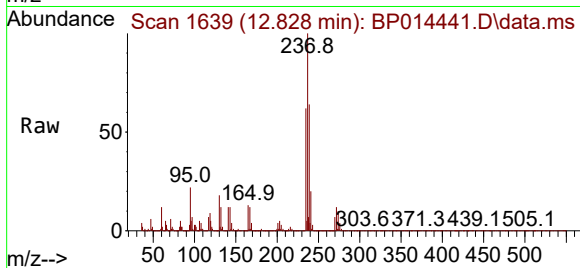
Tgt Ion:237 Resp: 249771

Ion Ratio Lower Upper

237 100

235 62.3 51.0 76.4

272 11.8 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 21.205 ng/ul

RT: 13.104 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

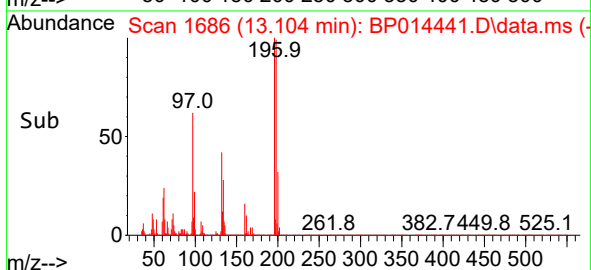
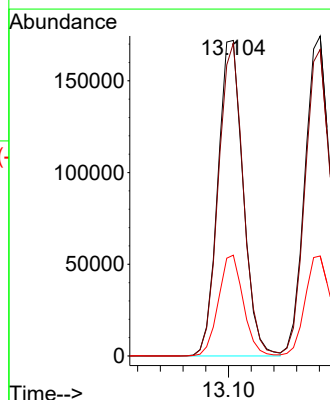
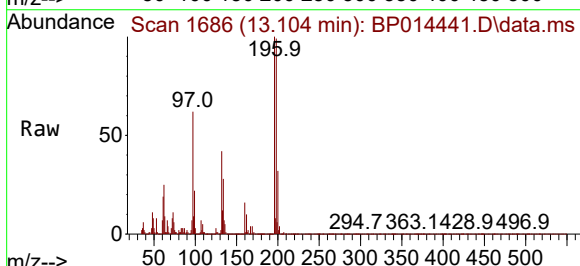
Tgt Ion:196 Resp: 266150

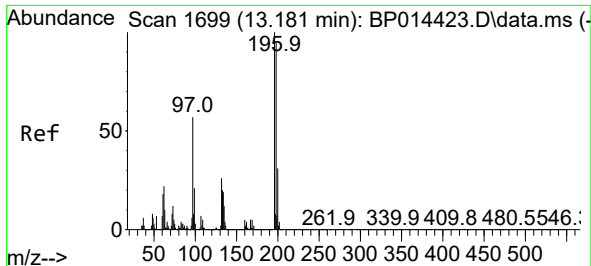
Ion Ratio Lower Upper

196 100

198 99.1 76.6 114.8

200 32.0 25.4 38.2

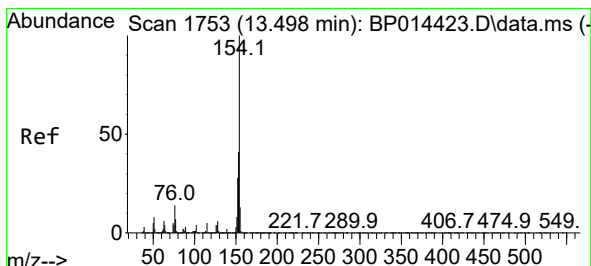
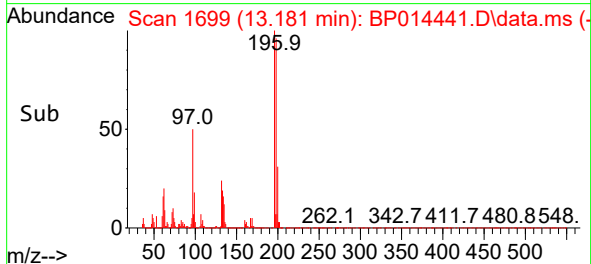
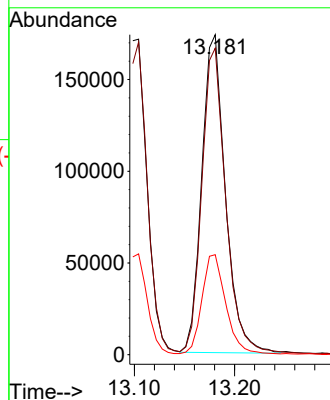
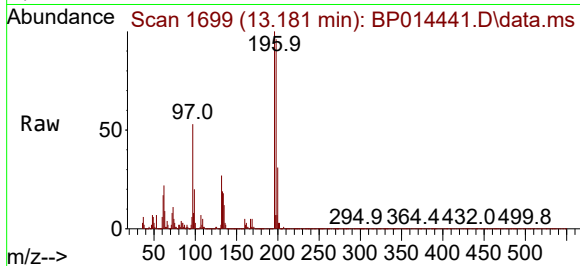




#42
2,4,5-Trichlorophenol
Concen: 21.337 ng/ul
RT: 13.181 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

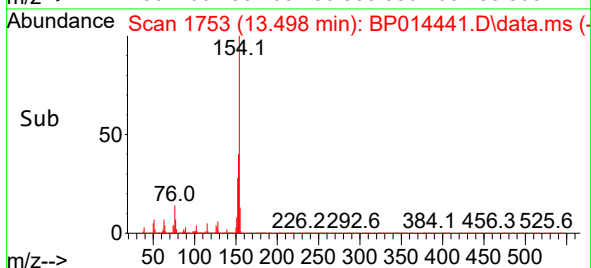
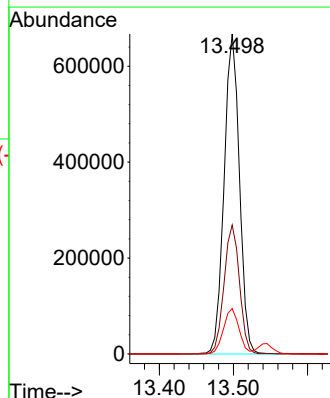
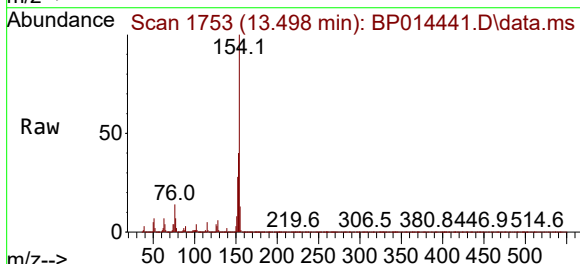
Instrument :
BNA_P
ClientSampleId :

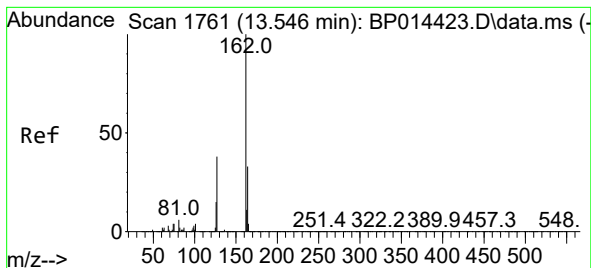
Tgt Ion:196 Resp: 285101
Ion Ratio Lower Upper
196 100
198 95.8 79.8 119.8
200 31.3 25.6 38.4



#43
1,1'-Biphenyl
Concen: 20.852 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

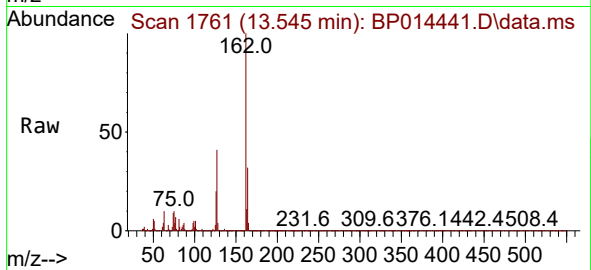
Tgt Ion:154 Resp: 958361
Ion Ratio Lower Upper
154 100
153 40.3 32.4 48.6
76 14.2 10.7 16.1



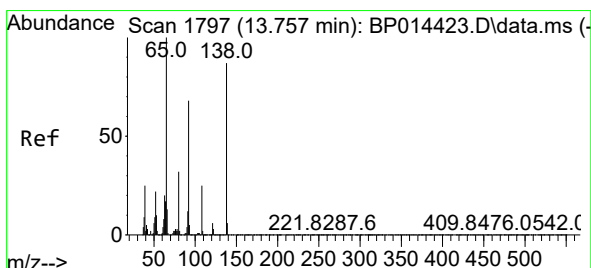
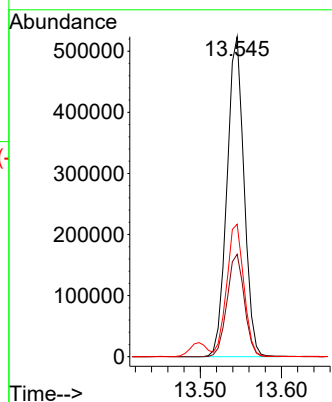
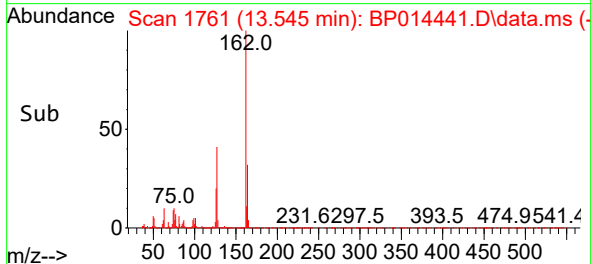


#44
2-Chloronaphthalene
Concen: 21.018 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Instrument :
BNA_P
ClientSampleId :

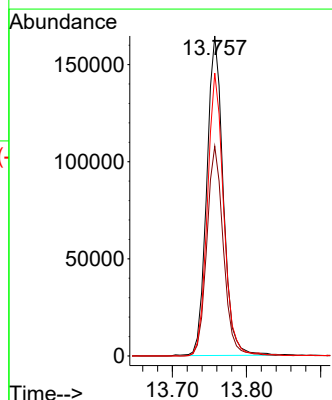
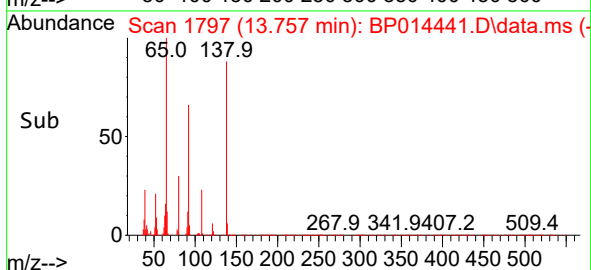
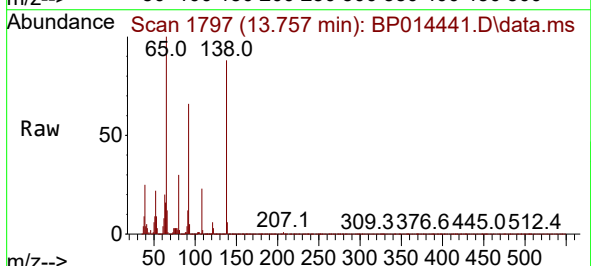


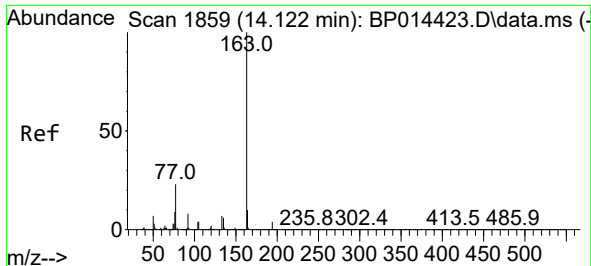
Tgt Ion:162 Resp: 763790
Ion Ratio Lower Upper
162 100
164 32.0 26.1 39.1
127 41.4 33.7 50.5



#45
2-Nitroaniline
Concen: 22.582 ng/ul
RT: 13.757 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion: 65 Resp: 254142
Ion Ratio Lower Upper
65 100
92 65.6 53.7 80.5
138 88.4 71.7 107.5

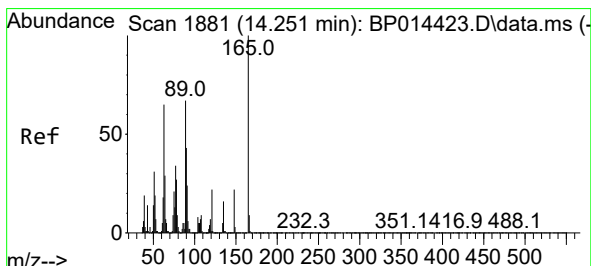
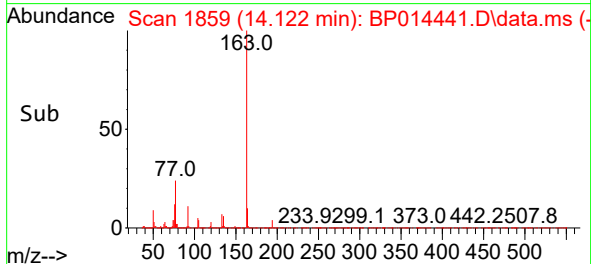
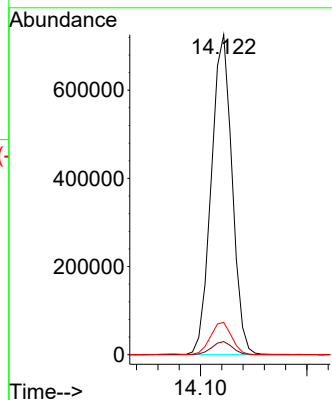
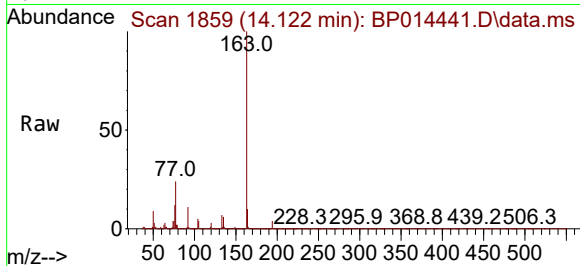




#47
Dimethylphthalate
Concen: 21.329 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

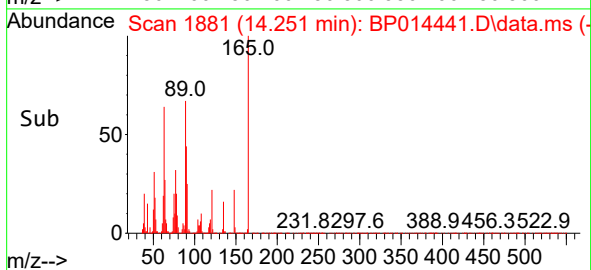
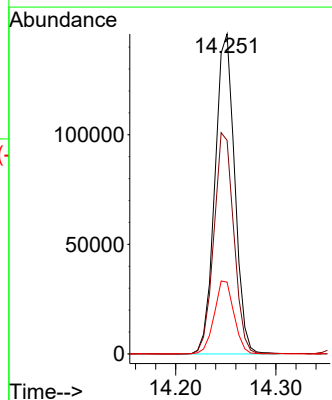
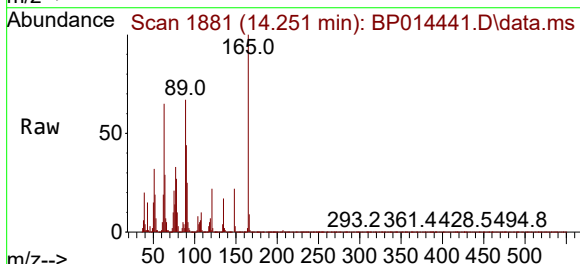
Instrument :
BNA_P
ClientSampleId :

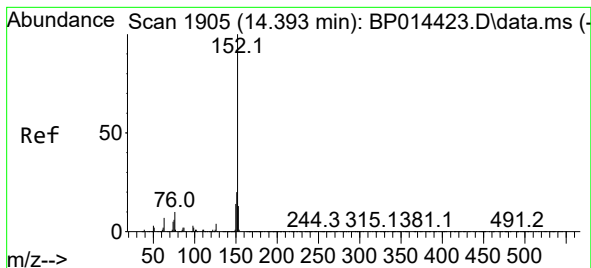
Tgt Ion:163 Resp: 983677
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 22.189 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:165 Resp: 199936
Ion Ratio Lower Upper
165 100
89 66.7 52.7 79.1
121 22.5 17.9 26.9





#50

Acenaphthylene

Concen: 21.406 ng/ul

RT: 14.392 min Scan# 1905

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

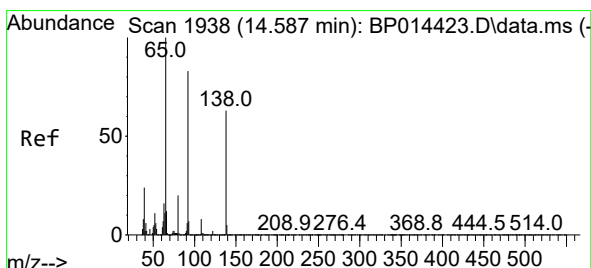
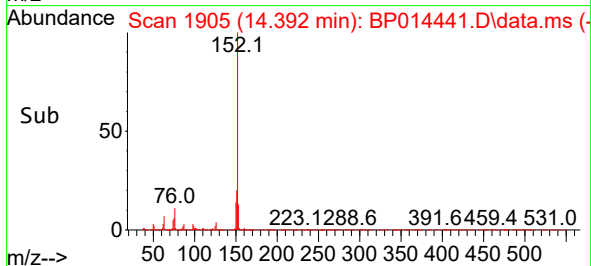
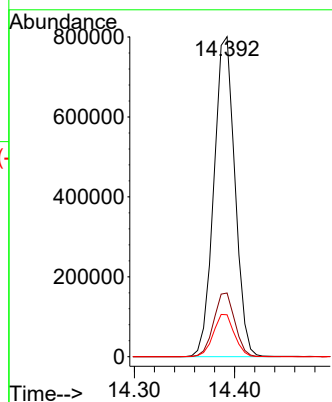
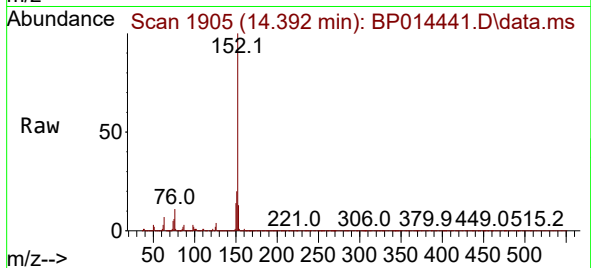
Tgt Ion:152 Resp: 1166787

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.1 10.2 15.4



#51

3-Nitroaniline

Concen: 22.106 ng/ul

RT: 14.587 min Scan# 1938

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

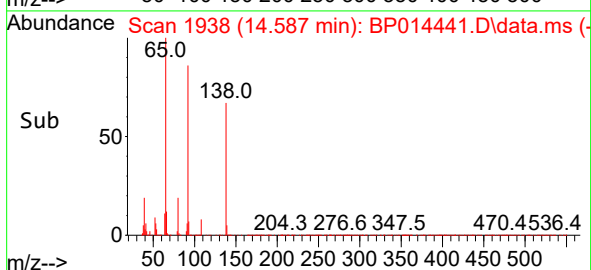
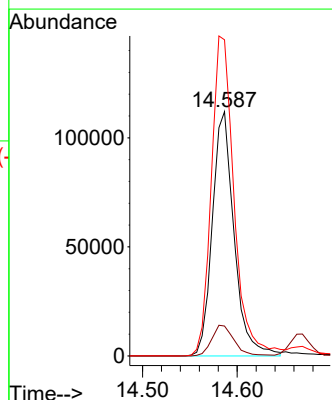
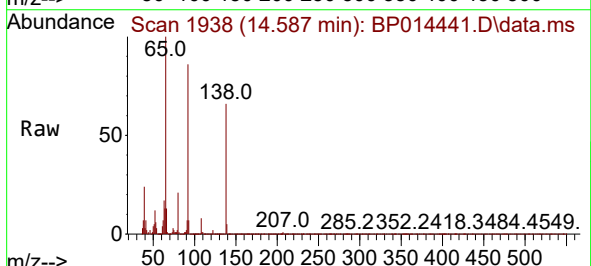
Tgt Ion:138 Resp: 178449

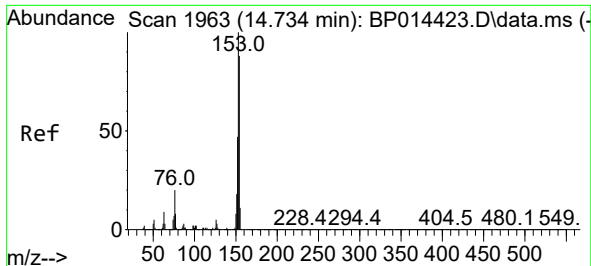
Ion Ratio Lower Upper

138 100

108 12.2 9.9 14.9

92 129.4 107.6 161.4

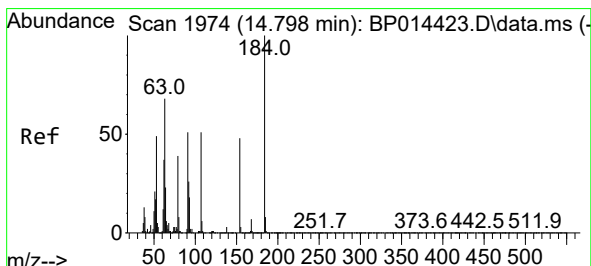
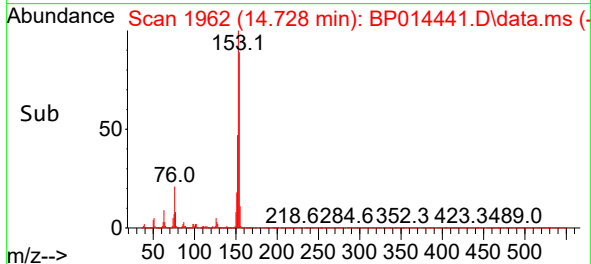
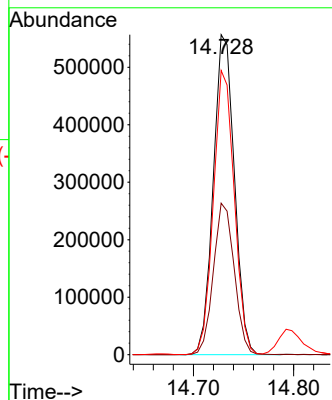
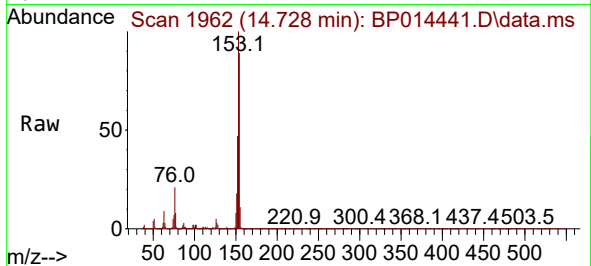




#52
Acenaphthene
Concen: 21.082 ng/ul
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

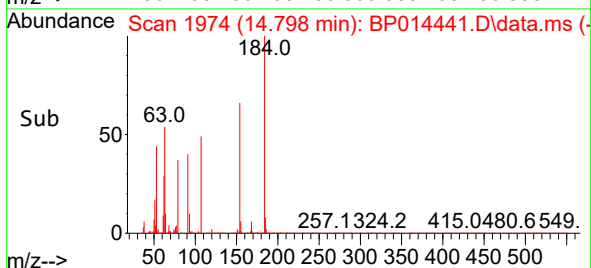
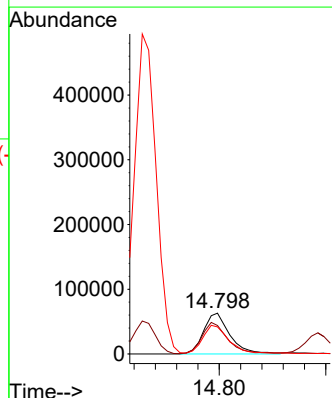
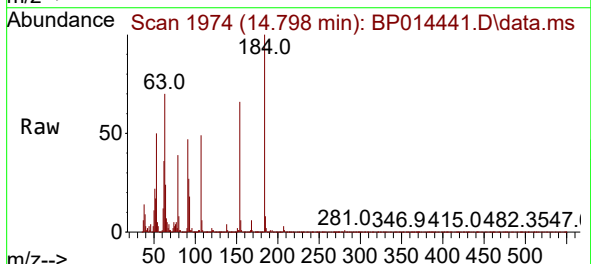
Instrument :
BNA_P
ClientSampleId :

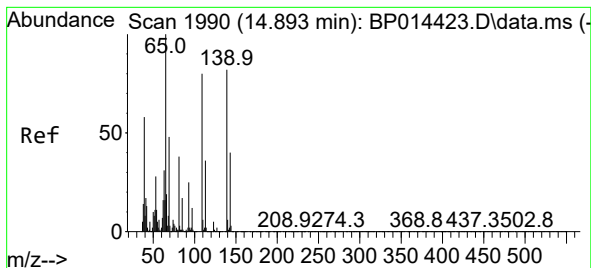
Tgt Ion:153 Resp: 812020
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.8 70.2 105.2



#53
2,4-Dinitrophenol
Concen: 18.514 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:184 Resp: 108026
Ion Ratio Lower Upper
184 100
63 69.9 57.1 85.7
154 66.1 55.3 82.9

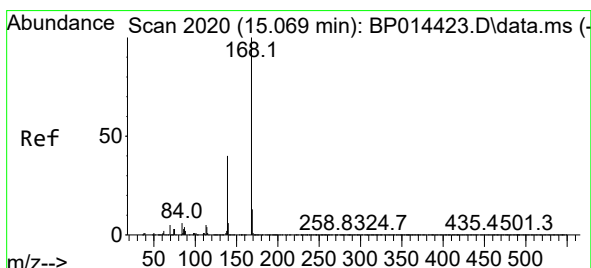
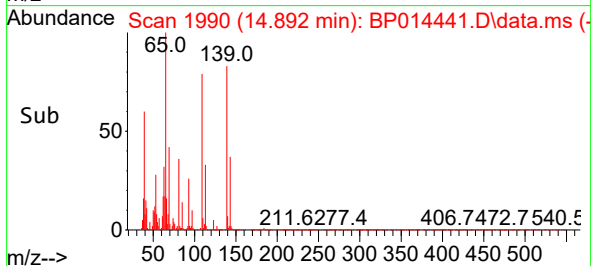
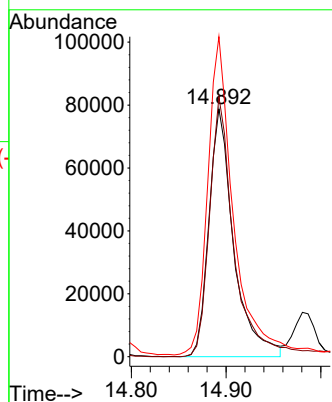
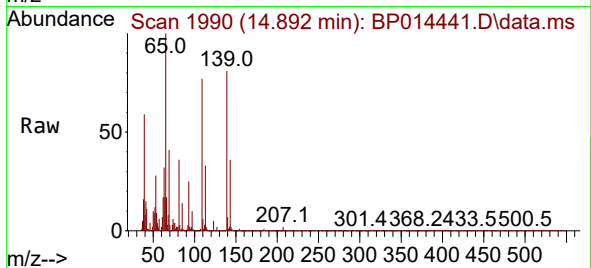




#55
4-Nitrophenol
Concen: 20.771 ng/ul
RT: 14.892 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

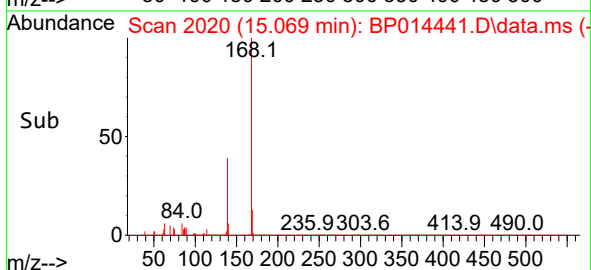
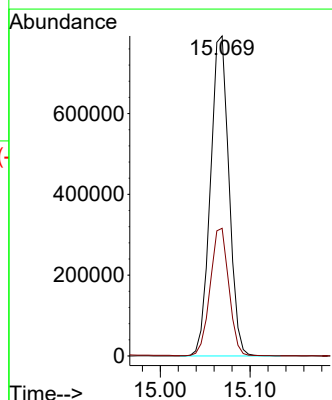
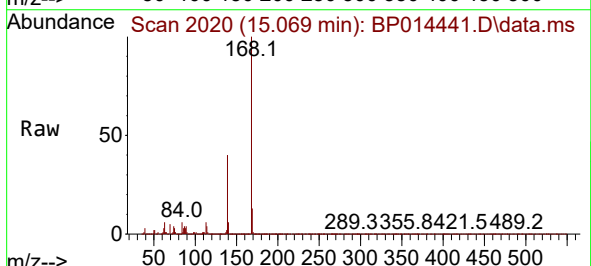
Instrument :
BNA_P
ClientSampleId :

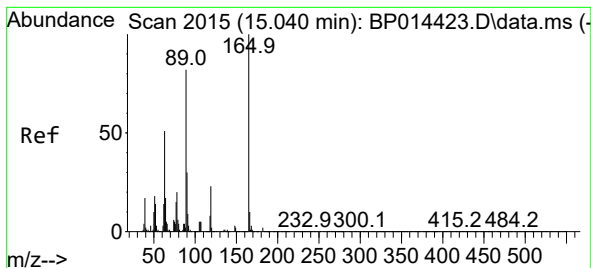
Tgt Ion:109 Resp: 142850
Ion Ratio Lower Upper
109 100
139 104.9 77.4 116.2
65 129.2 97.3 145.9



#56
Dibenzofuran
Concen: 20.924 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:168 Resp: 1132961
Ion Ratio Lower Upper
168 100
139 39.9 32.1 48.1





#57

2,4-Dinitrotoluene

Concen: 22.499 ng/ul

RT: 15.039 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNP

ClientSampleId :

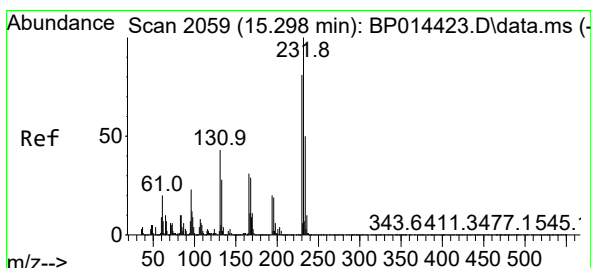
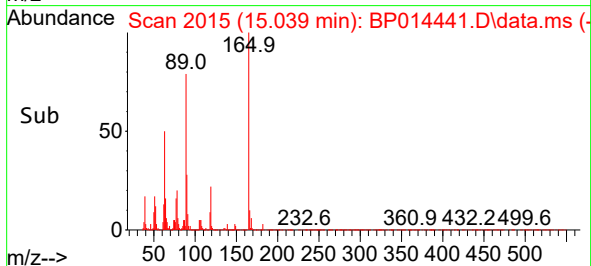
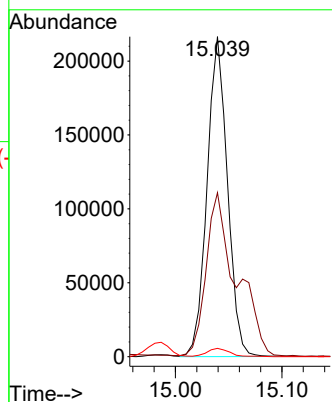
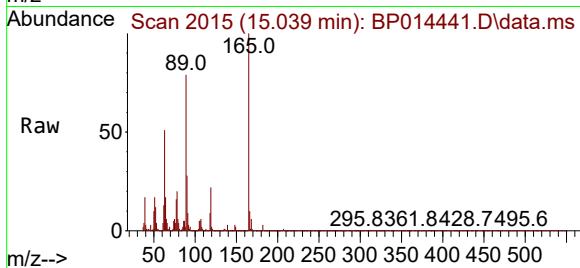
Tgt Ion:165 Resp: 287563

Ion Ratio Lower Upper

165 100

63 51.3 41.6 62.4

182 2.6 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.515 ng/ul

RT: 15.292 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Tgt Ion:232 Resp: 258380

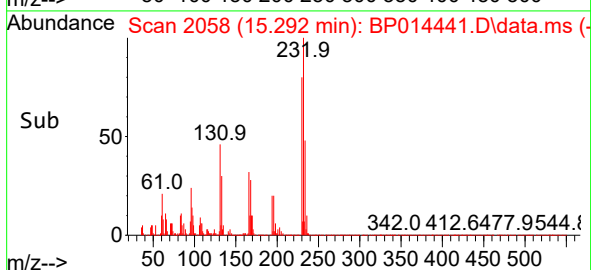
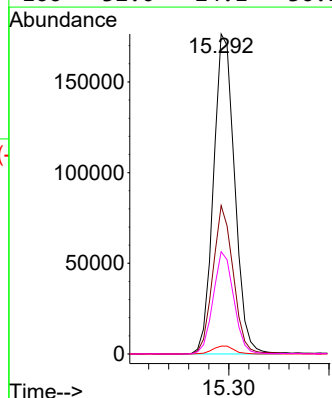
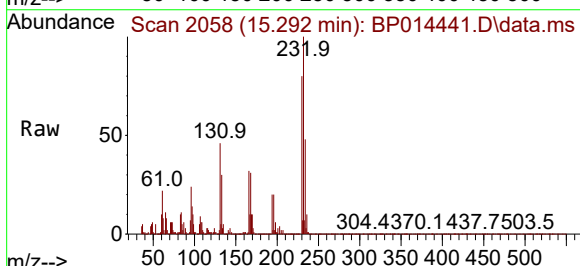
Ion Ratio Lower Upper

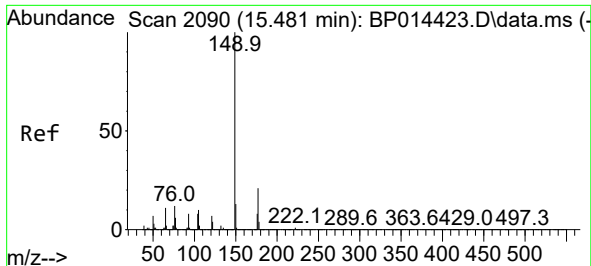
232 100

131 46.3 35.0 52.4

130 2.4 1.9 2.9

166 32.0 24.1 36.1

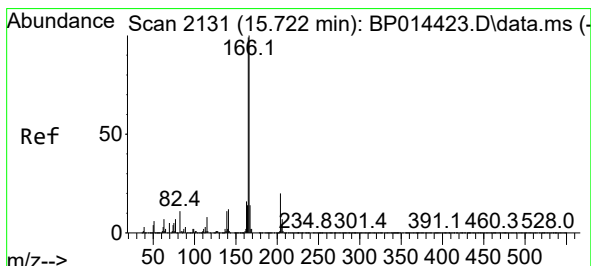
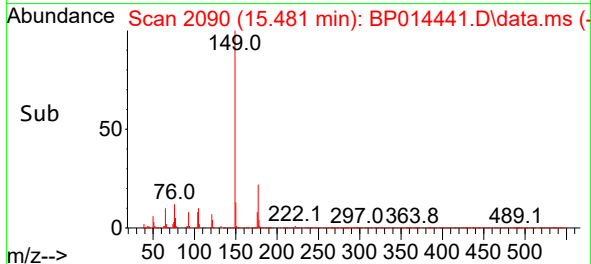
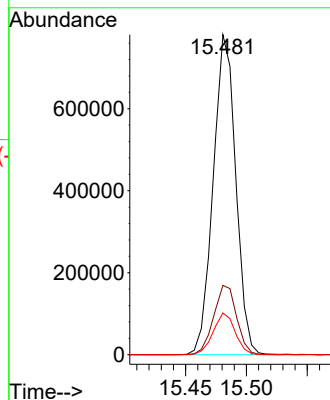
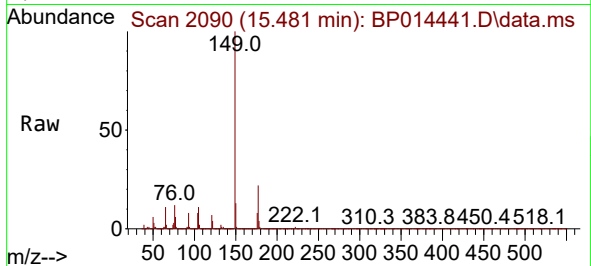




#59
Diethylphthalate
Concen: 21.954 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

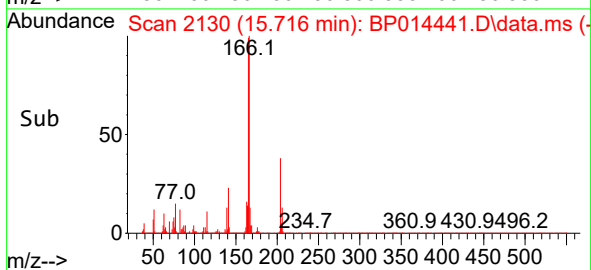
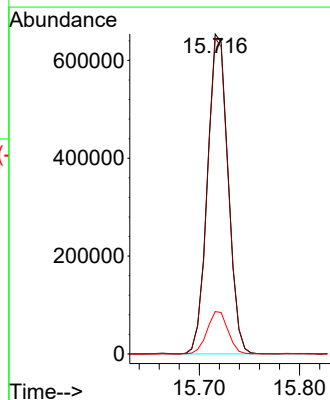
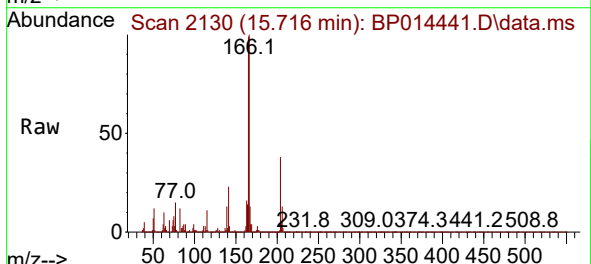
Instrument :
BNA_P
ClientSampleId :

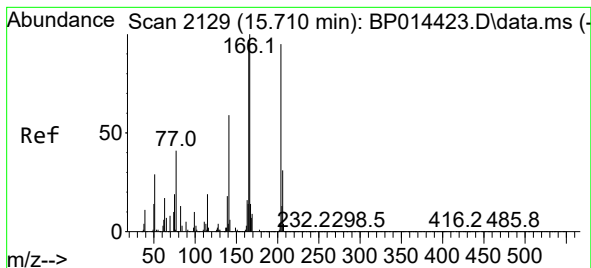
Tgt Ion:149 Resp: 1006140
Ion Ratio Lower Upper
149 100
177 21.6 18.2 27.2
150 13.1 9.8 14.8



#61
Fluorene
Concen: 21.315 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:166 Resp: 935477
Ion Ratio Lower Upper
166 100
165 98.7 79.2 118.8
167 13.2 11.0 16.4

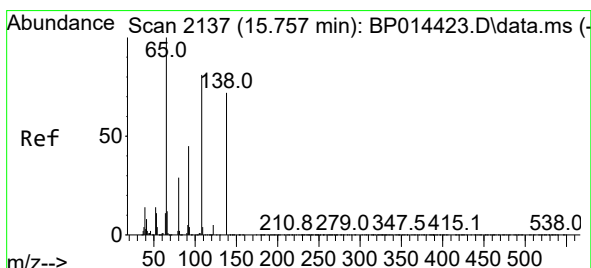
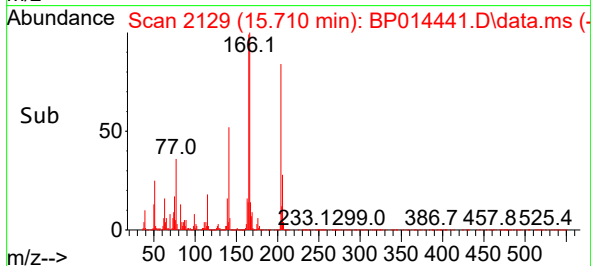
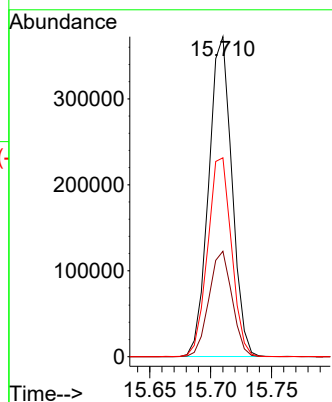
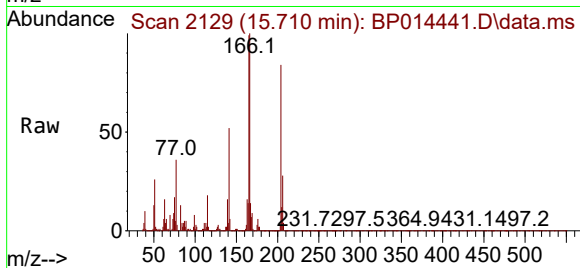




#62
4-Chlorophenyl-phenylether
Concen: 20.964 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

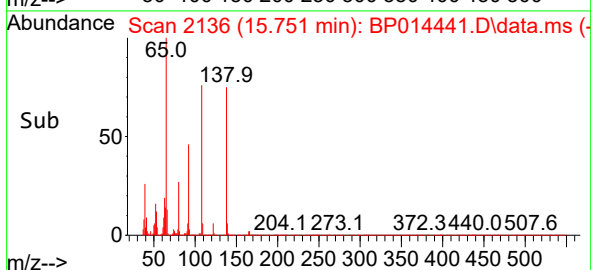
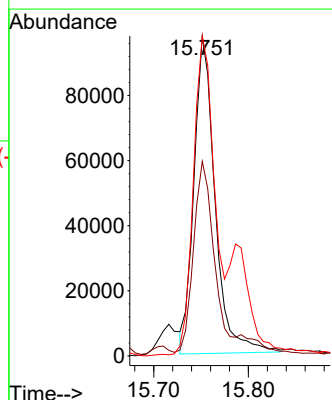
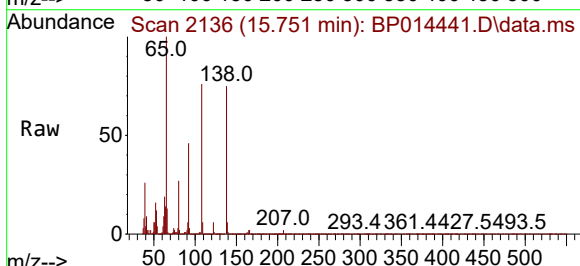
Instrument :
BNA_P
ClientSampleId :

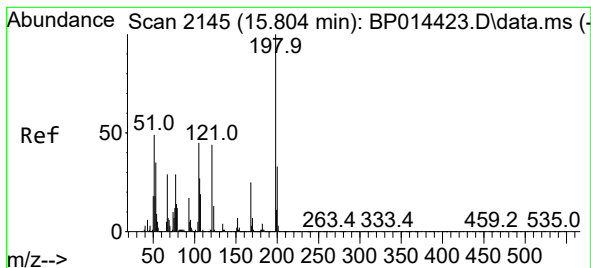
Tgt Ion:204 Resp: 494321
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 62.2 51.3 76.9



#63
4-Nitroaniline
Concen: 23.060 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:138 Resp: 151244
Ion Ratio Lower Upper
138 100
92 60.9 47.8 71.6
108 100.2 82.3 123.5

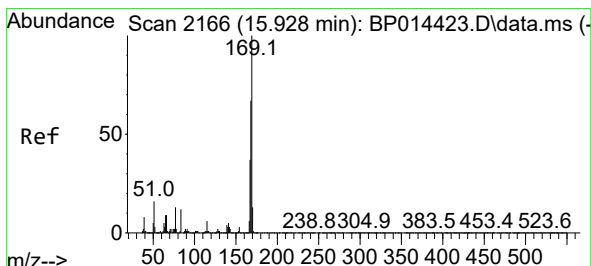
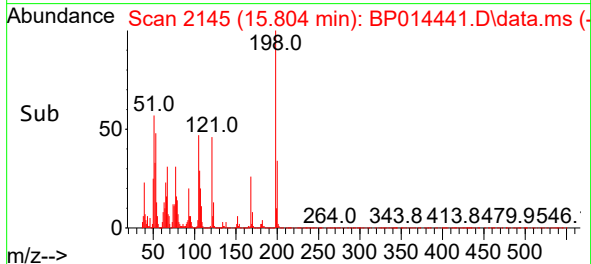
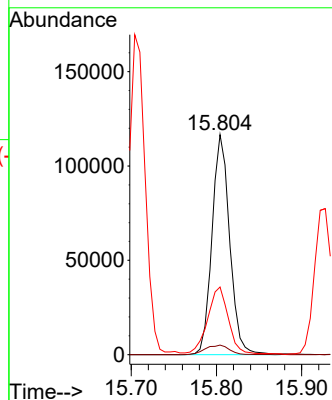
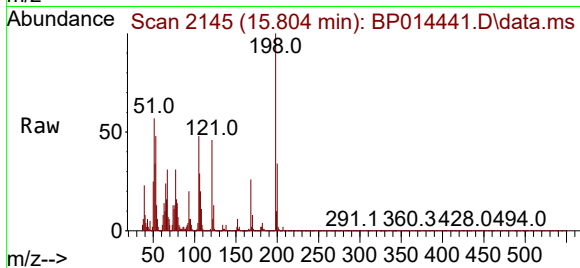




#66
4,6-Dinitro-2-methylphenol
Concen: 19.580 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

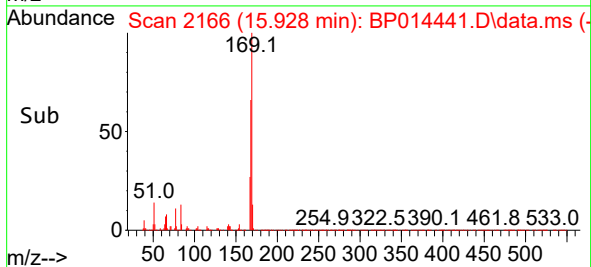
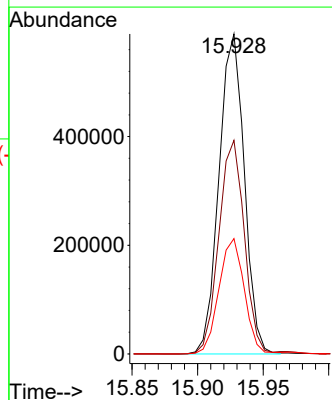
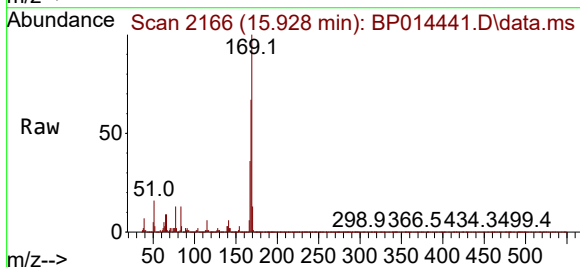
Instrument :
BNA_P
ClientSampleId :

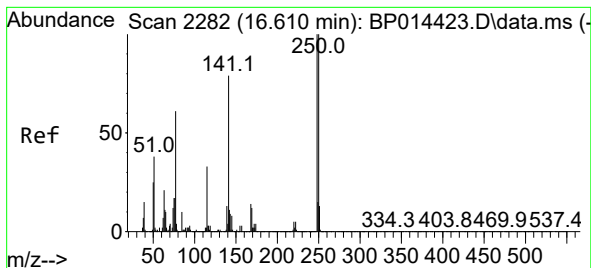
Tgt Ion:198 Resp: 168126
Ion Ratio Lower Upper
198 100
182 4.4 3.5 5.3
77 30.8 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 21.089 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:169 Resp: 790135
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 36.0 29.4 44.2

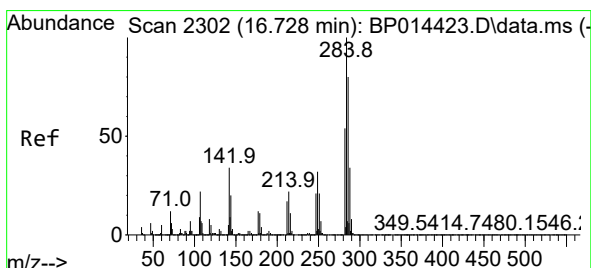
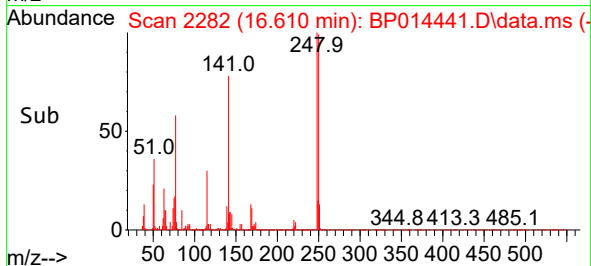
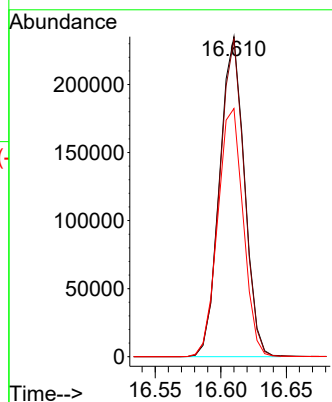
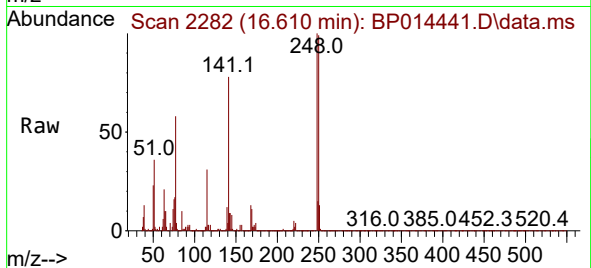




#68
4-Bromophenyl-phenylether
Concen: 20.638 ng/ul
RT: 16.610 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

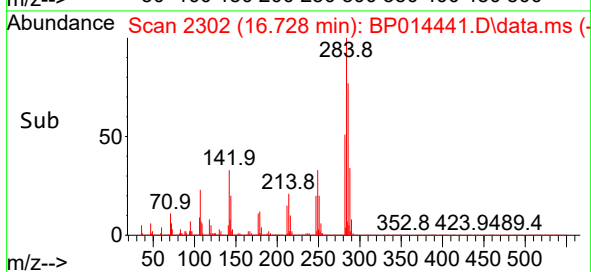
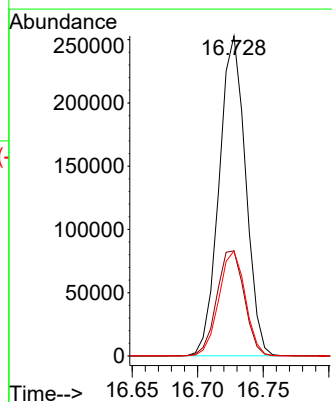
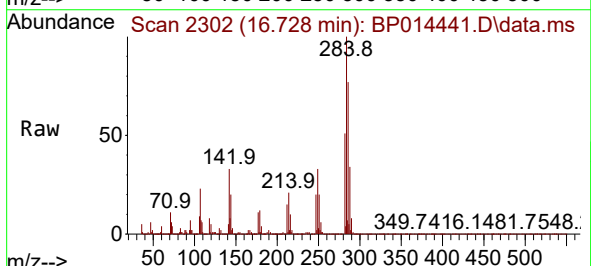
Instrument :
BNA_P
ClientSampleId :

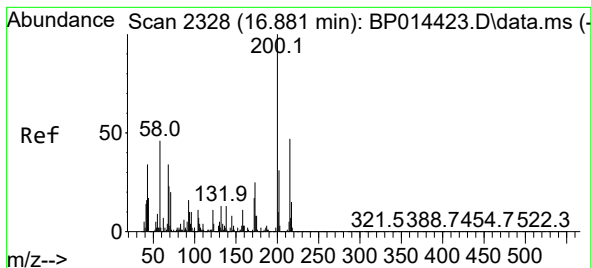
Tgt Ion:248 Resp: 309246
Ion Ratio Lower Upper
248 100
250 99.2 78.1 117.1
141 77.6 66.0 99.0



#69
Hexachlorobenzene
Concen: 20.632 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:284 Resp: 355115
Ion Ratio Lower Upper
284 100
142 32.8 26.6 39.8
249 32.8 25.7 38.5





#70

Atrazine

Concen: 22.079 ng/ul

RT: 16.881 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

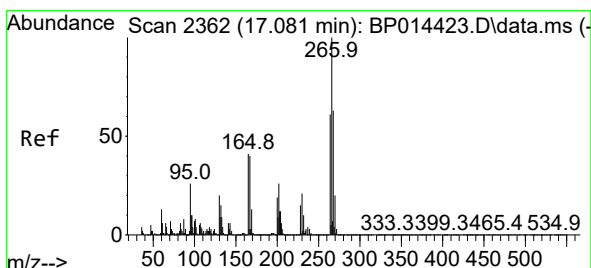
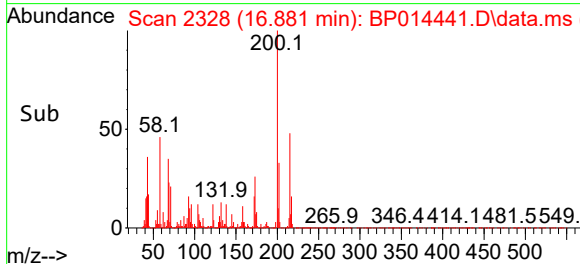
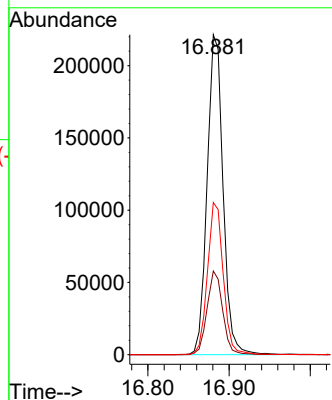
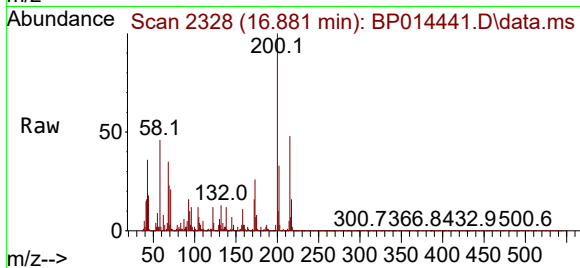
Tgt Ion:200 Resp: 301128

Ion Ratio Lower Upper

200 100

173 26.2 20.6 30.8

215 47.5 37.2 55.8



#71

Pentachlorophenol

Concen: 19.689 ng/ul

RT: 17.075 min Scan# 2361

Delta R.T. -0.006 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

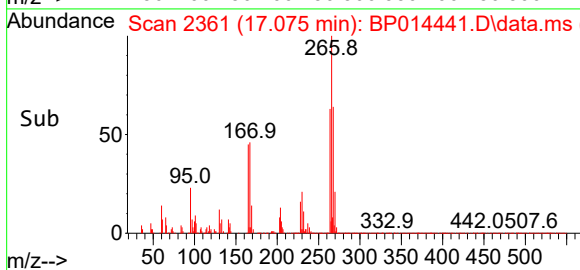
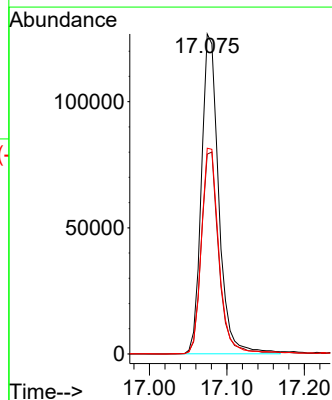
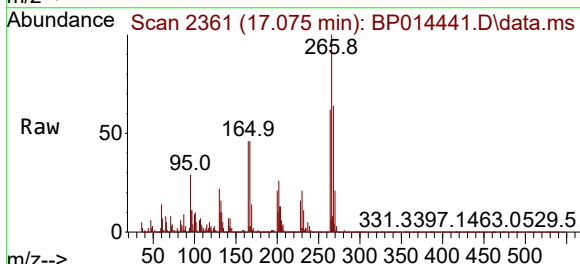
Tgt Ion:266 Resp: 196322

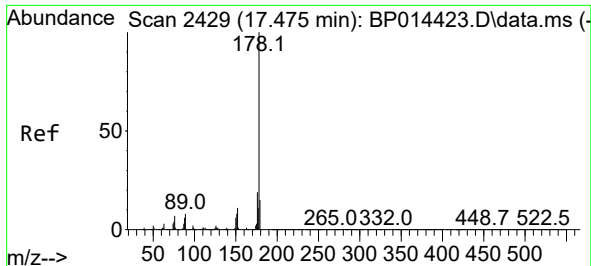
Ion Ratio Lower Upper

266 100

264 62.5 51.0 76.4

268 64.3 51.4 77.2

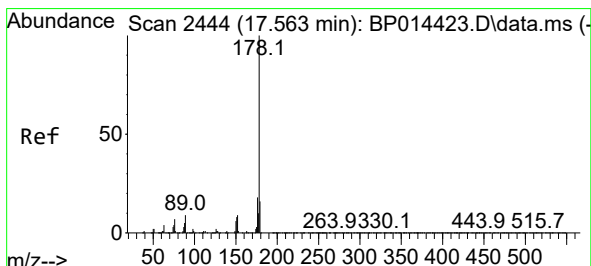
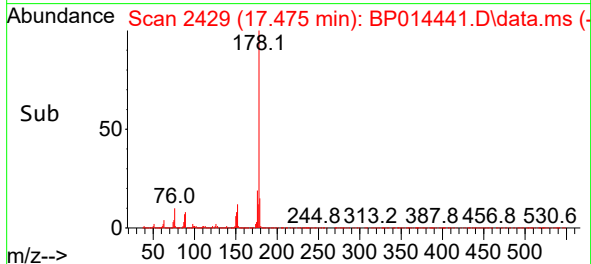
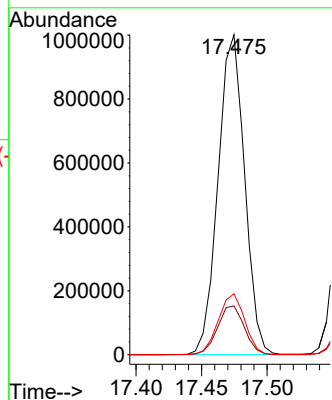
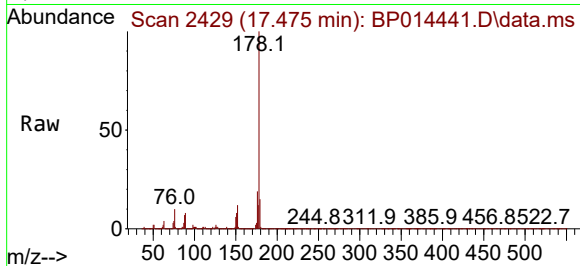




#72
Phenanthrene
Concen: 21.003 ng/ul
RT: 17.475 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

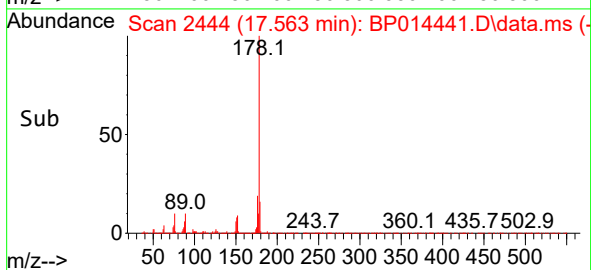
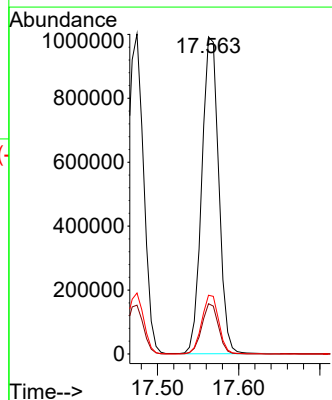
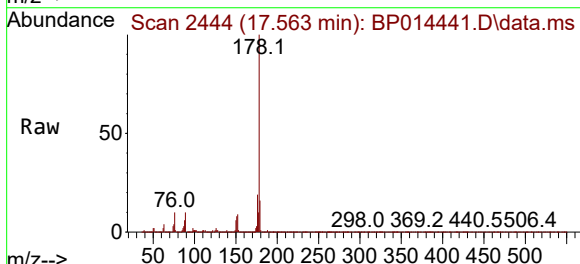
Instrument :
BNA_P
ClientSampleId :

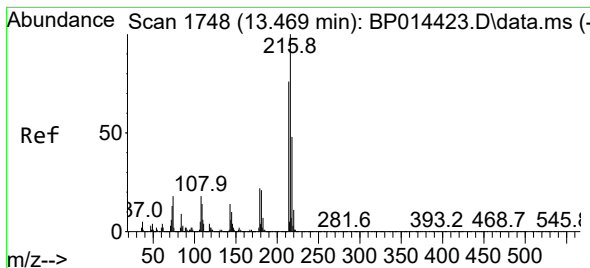
Tgt Ion:178 Resp: 1407043
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.3 22.9



#74
Anthracene
Concen: 21.314 ng/ul
RT: 17.563 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:178 Resp: 1439096
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.213 ng/uL

RT: 13.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

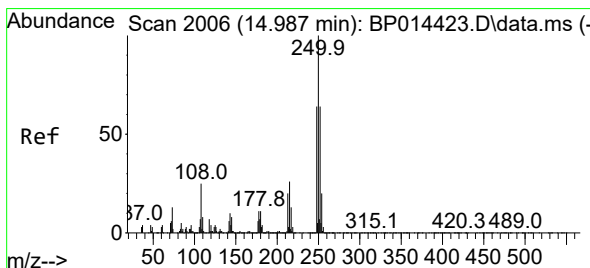
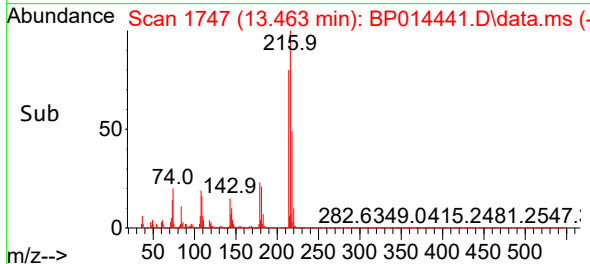
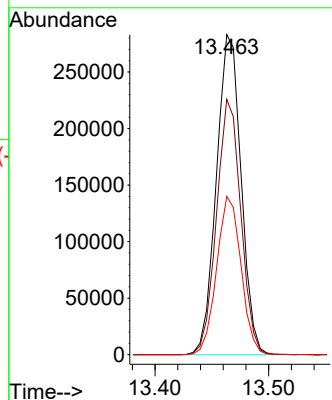
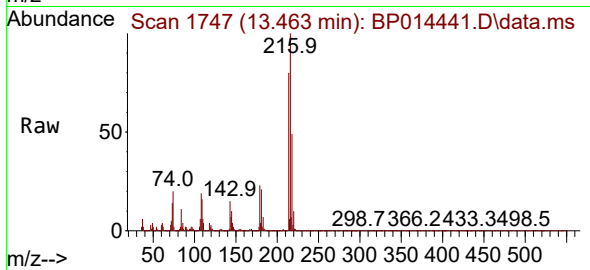
Tgt Ion:216 Resp: 428444

Ion Ratio Lower Upper

216 100

214 79.8 61.0 91.6

218 49.4 38.7 58.1



#76

Pentachlorobenzene

Concen: 20.511 ng/uL

RT: 14.987 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

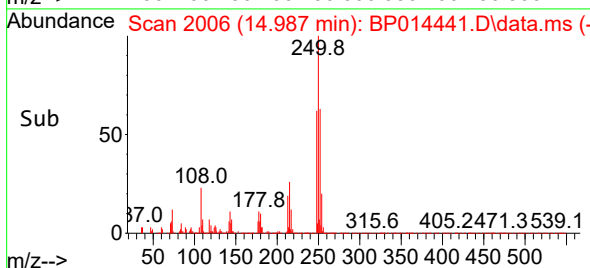
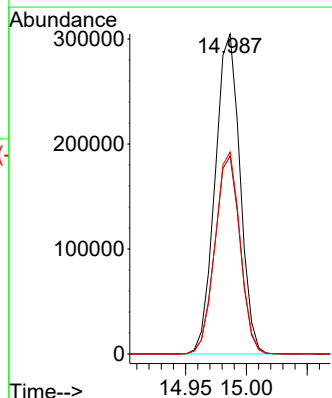
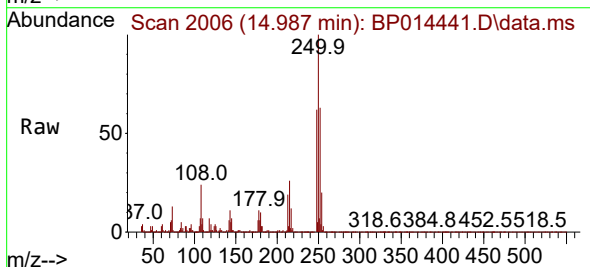
Tgt Ion:250 Resp: 433799

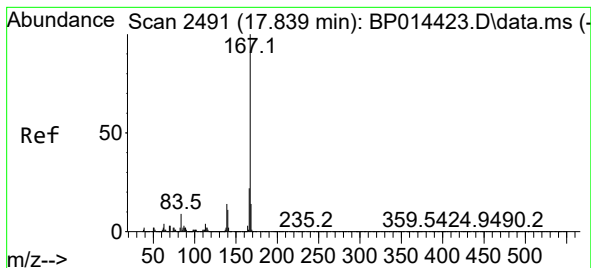
Ion Ratio Lower Upper

250 100

248 61.9 49.0 73.6

252 63.2 50.7 76.1





#77

Carbazole

Concen: 21.159 ng/ul

RT: 17.839 min Scan# 2491

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

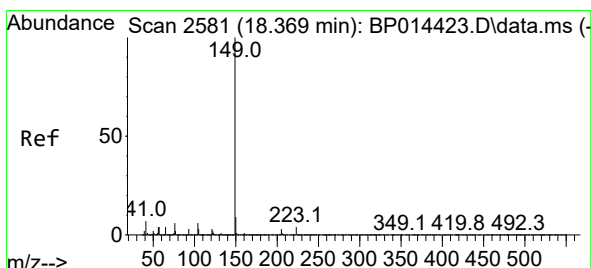
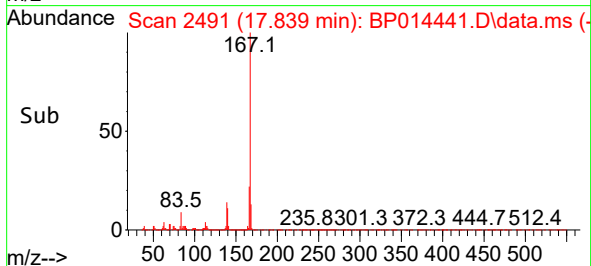
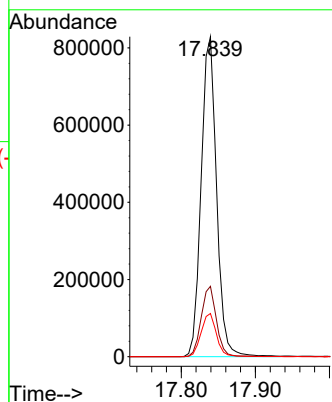
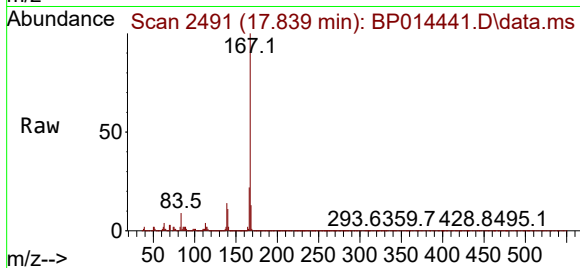
Tgt Ion:167 Resp: 1195559

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: 22.784 ng/ul

RT: 18.369 min Scan# 2581

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

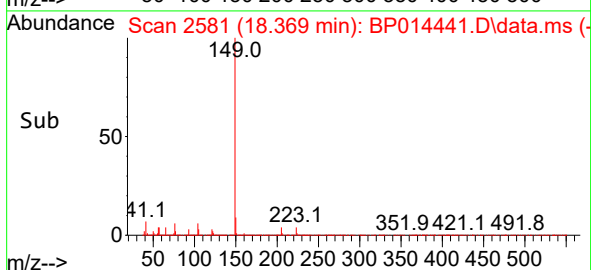
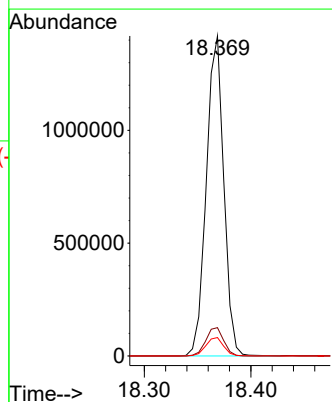
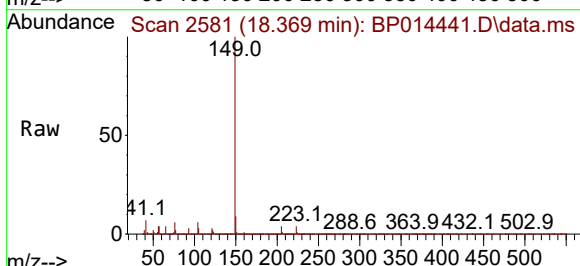
Tgt Ion:149 Resp: 1618757

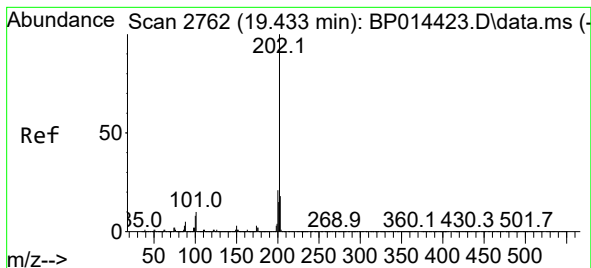
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.7 4.8 7.2





#80

Fluoranthene

Concen: 22.445 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

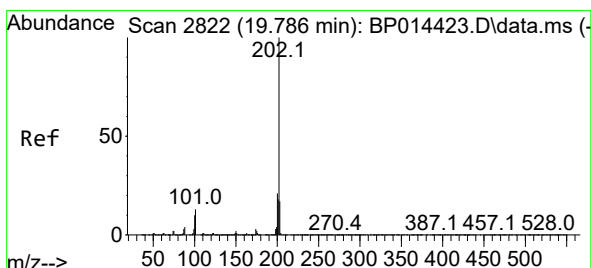
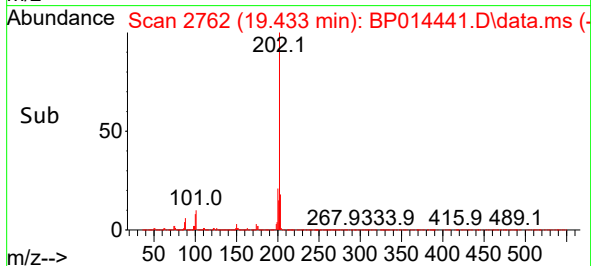
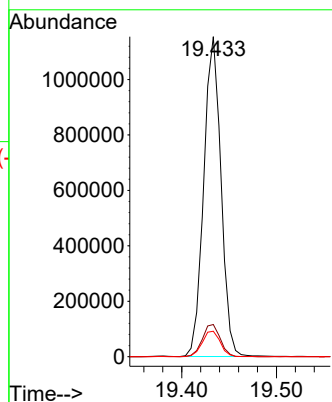
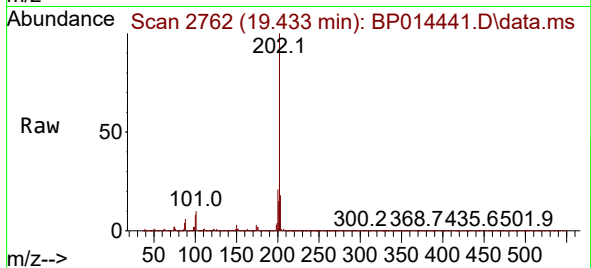
Tgt Ion:202 Resp: 1460847

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.9 6.4 9.6



#82

Pyrene

Concen: 21.947 ng/ul

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

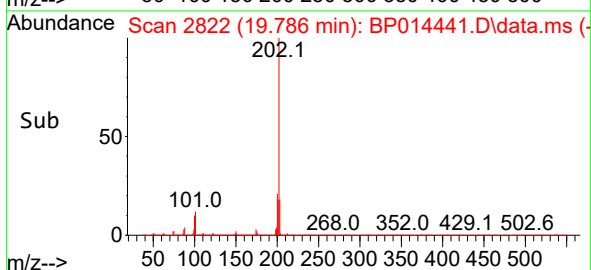
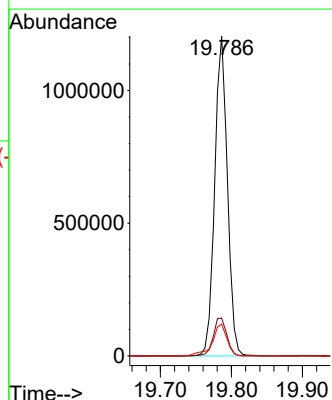
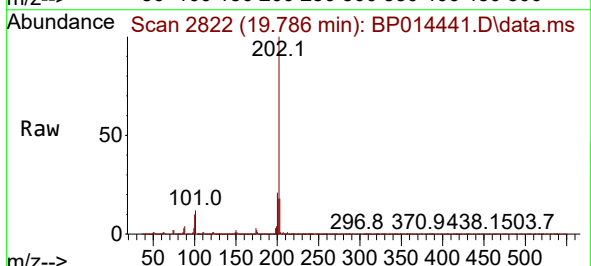
Tgt Ion:202 Resp: 1491303

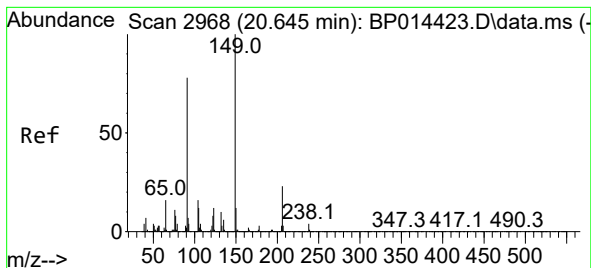
Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

100 9.9 8.0 12.0





#83

Butylbenzylphthalate

Concen: 24.956 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

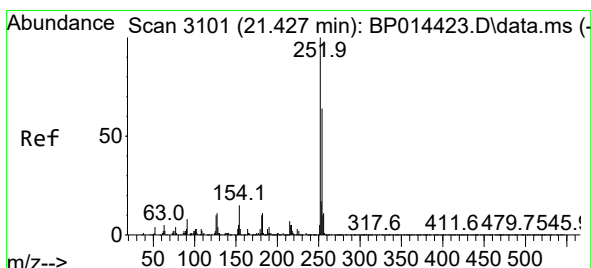
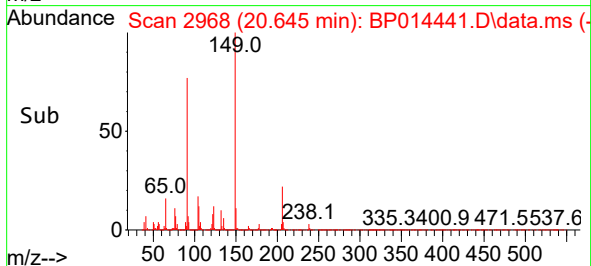
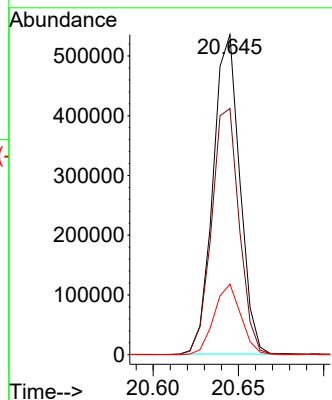
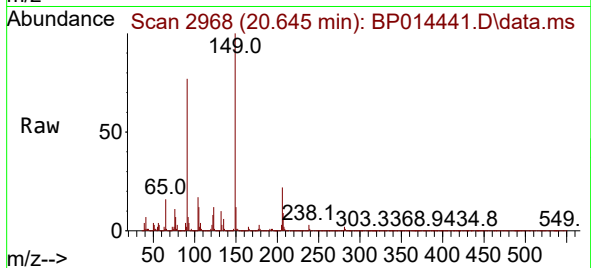
Tgt Ion:149 Resp: 584118

Ion Ratio Lower Upper

149 100

91 76.9 61.8 92.8

206 22.1 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 20.553 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

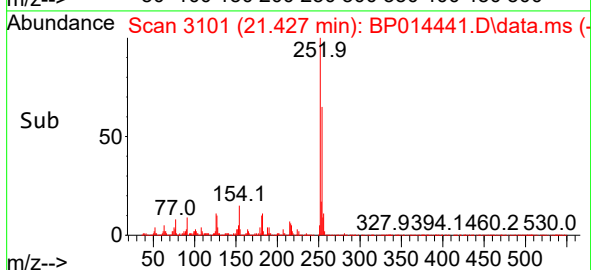
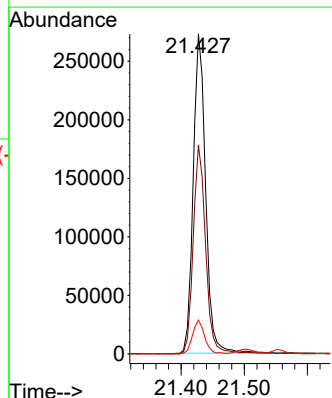
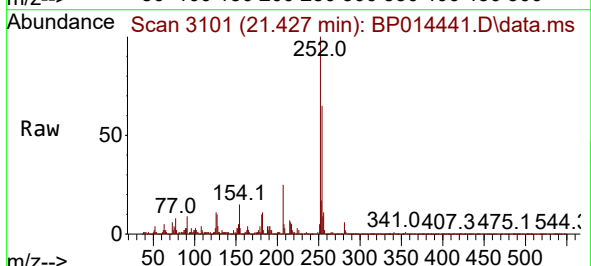
Tgt Ion:252 Resp: 372504

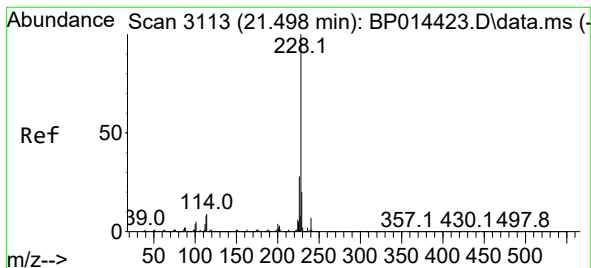
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 10.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 21.271 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

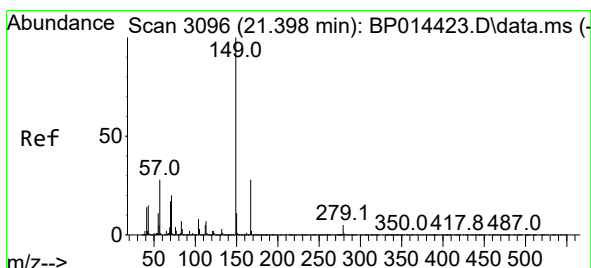
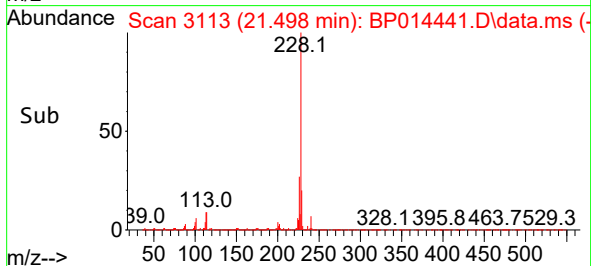
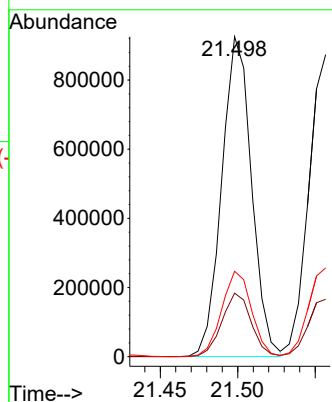
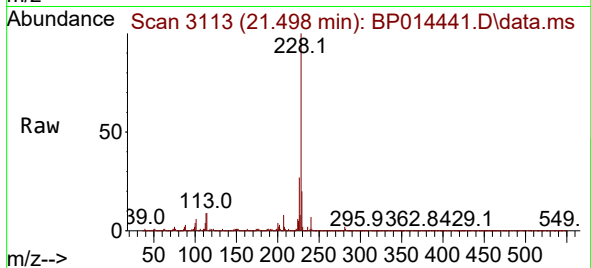
Tgt Ion:228 Resp: 1235274

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 26.7 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.161 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

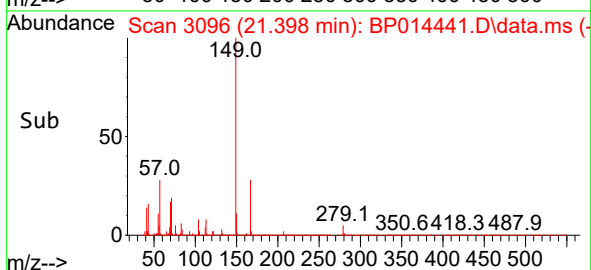
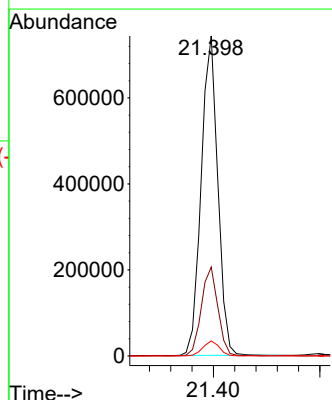
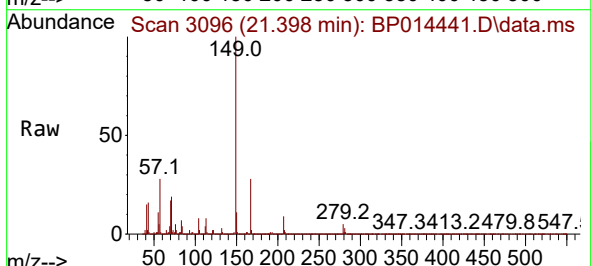
Tgt Ion:149 Resp: 805307

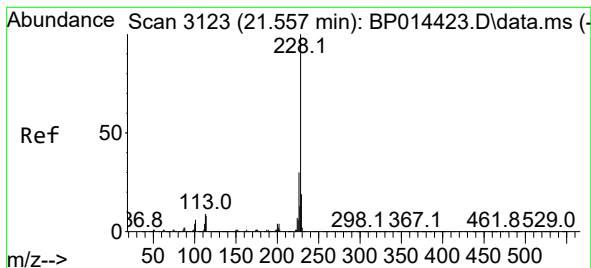
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.7 3.7 5.5





#87

Chrysene

Concen: 21.397 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

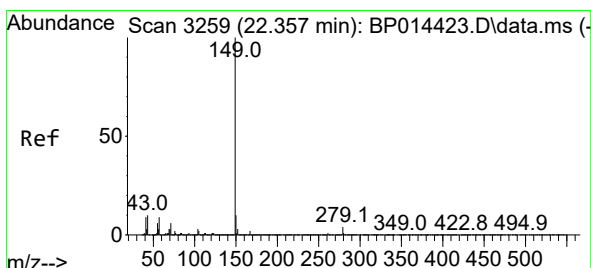
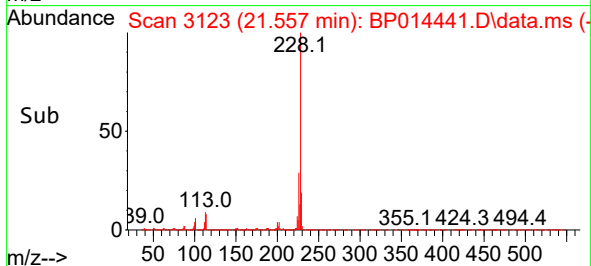
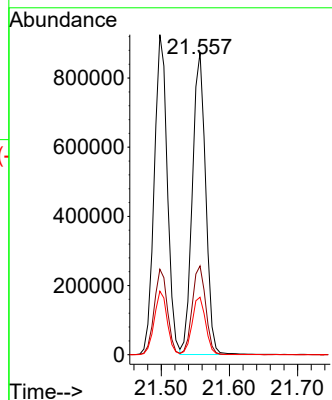
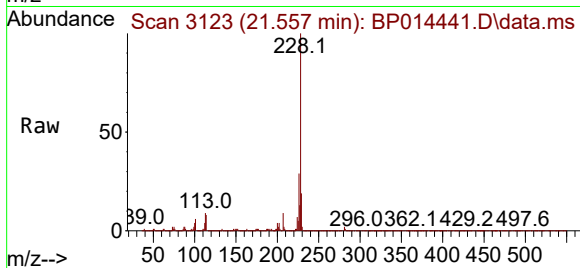
Tgt Ion:228 Resp: 1173273

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.0 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 24.743 ng/ul

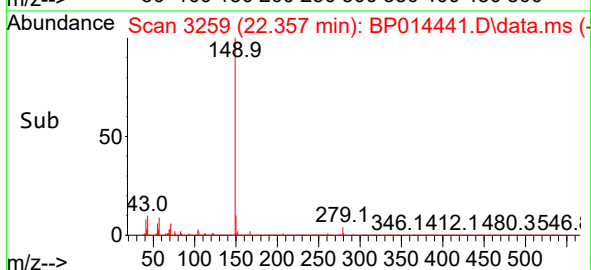
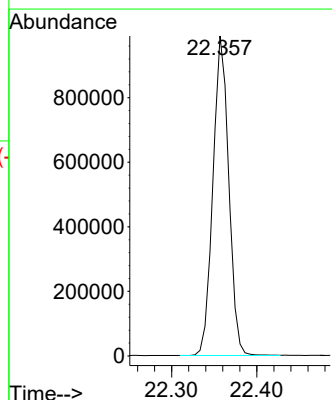
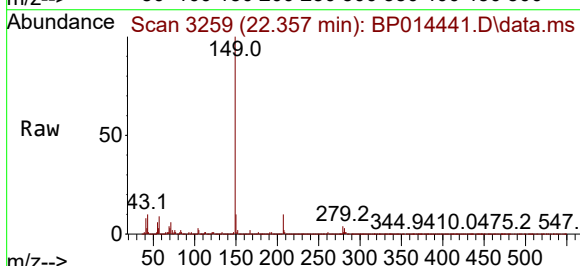
RT: 22.357 min Scan# 3259

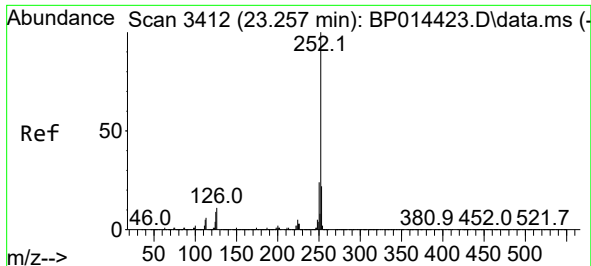
Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Tgt Ion:149 Resp: 1275616

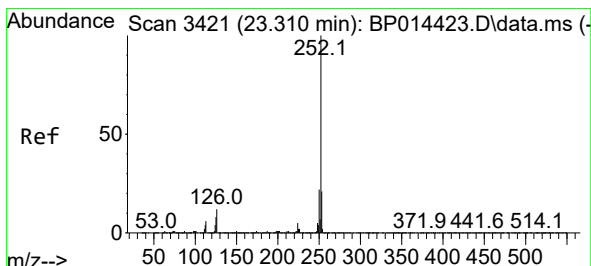
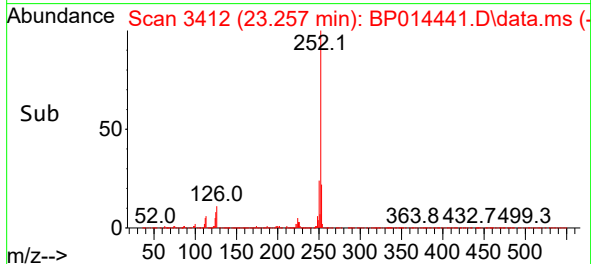
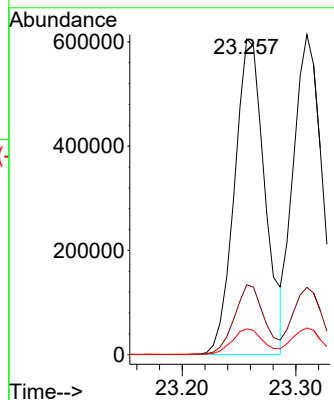
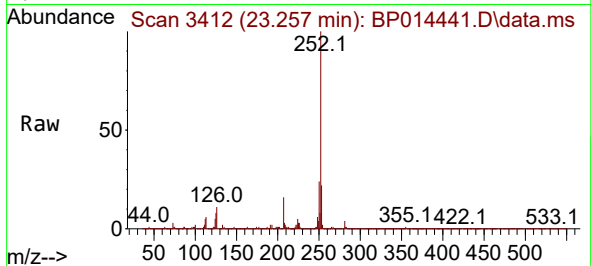




#90
Benzo(b)fluoranthene
Concen: 20.953 ng/ul
RT: 23.257 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

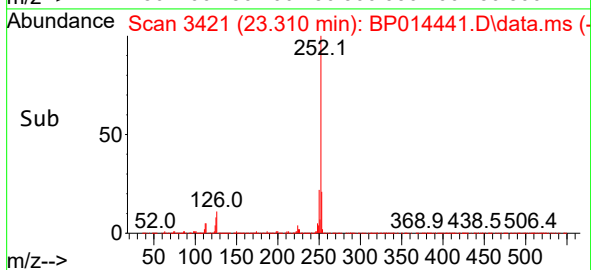
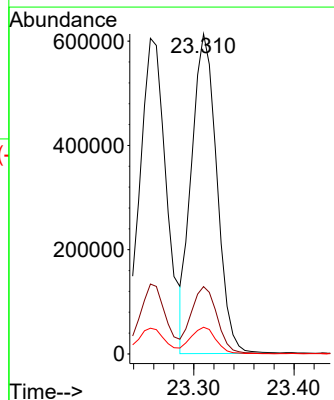
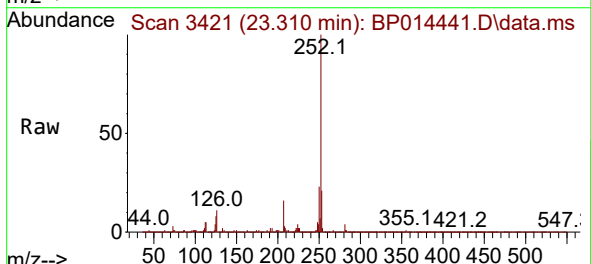
Instrument :
BNA_P
ClientSampleId :

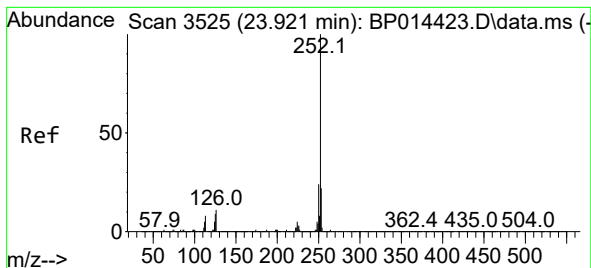
Tgt Ion:252 Resp: 1124232
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 20.644 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.000 min
Lab File: BP014441.D
Acq: 31 Mar 2023 13:41

Tgt Ion:252 Resp: 1075756
Ion Ratio Lower Upper
252 100
253 21.0 17.3 25.9
125 8.4 6.9 10.3





#93

Benzo(a)pyrene

Concen: 21.125 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

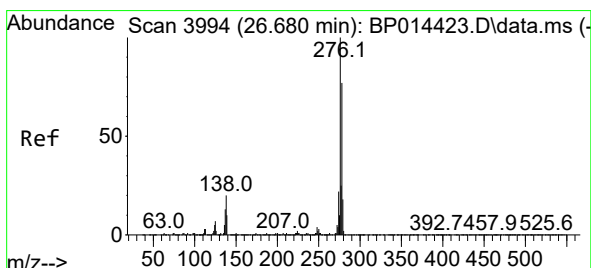
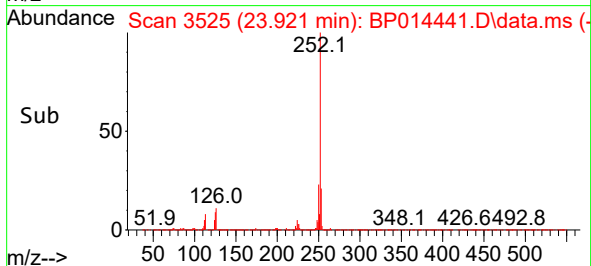
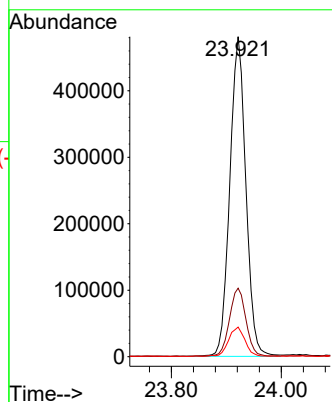
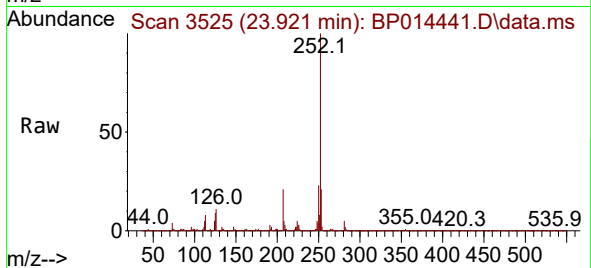
Tgt Ion:252 Resp: 975622

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 9.2 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.735 ng/ul

RT: 26.674 min Scan# 3993

Delta R.T. -0.006 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

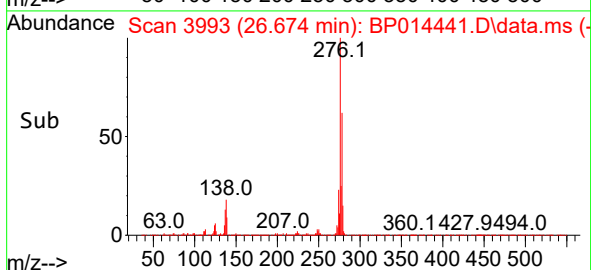
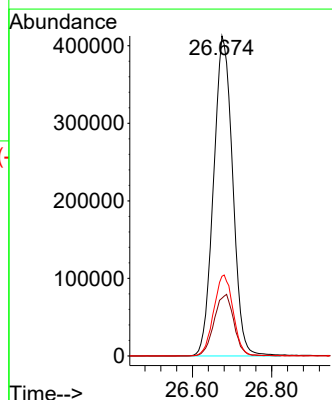
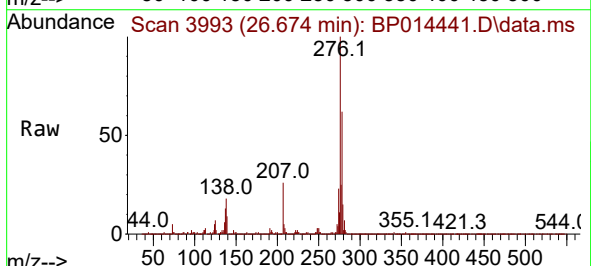
Tgt Ion:276 Resp: 1380967

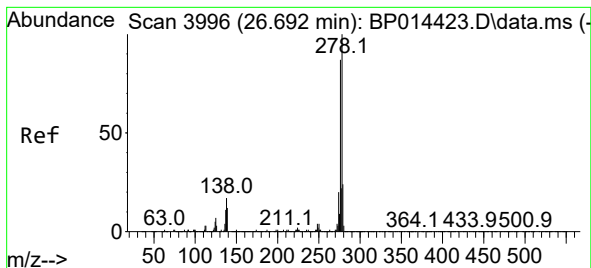
Ion Ratio Lower Upper

276 100

138 18.0 14.9 22.3

277 24.9 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 21.446 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Instrument :

BNA_P

ClientSampleId :

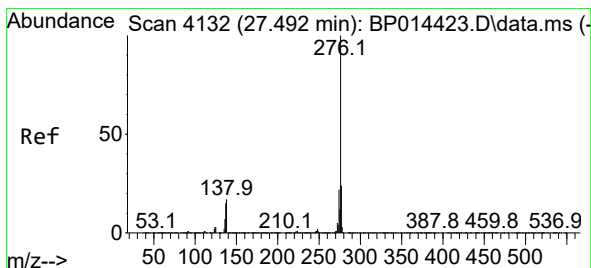
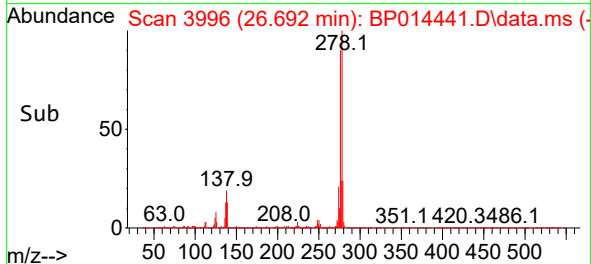
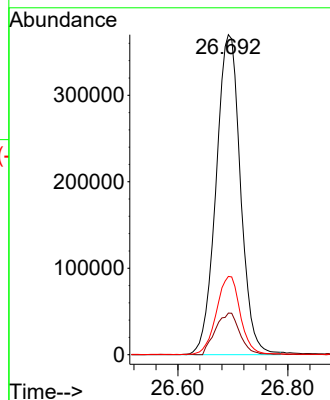
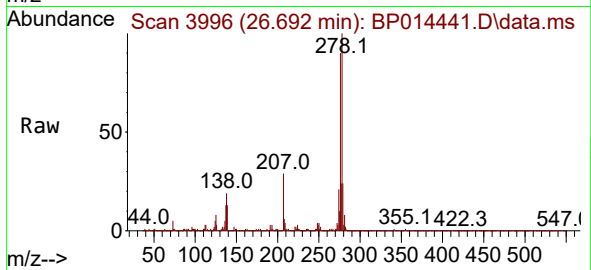
Tgt Ion:278 Resp: 1140871

Ion Ratio Lower Upper

278 100

139 13.0 10.4 15.6

279 24.4 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 21.578 ng/ul

RT: 27.492 min Scan# 4132

Delta R.T. -0.000 min

Lab File: BP014441.D

Acq: 31 Mar 2023 13:41

Tgt Ion:276 Resp: 1117570

Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.4

277 23.6 18.4 27.6

