

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014760.D
 Acq On : 20 Apr 2023 17:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 22:40:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	195407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	813379	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	493286	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1073736	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1073742	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1143615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	42508	8.646	ng/uL	0.00
4) Pyridine-d5	3.917	84	302246	22.579	ng/u1	0.00
7) Phenol-d5	7.287	99	352238	20.849	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	217626	20.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	273997	21.837	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	274586	20.848	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	118542	23.258	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	114460	24.864	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	270523	21.643	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	390283	20.458	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	825158	21.126	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	962704	21.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	133923	21.556	ng/u1	0.00
60) Fluorene-d10	15.769	176	710465	21.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	91962	21.164	ng/u1	0.00
73) Anthracene-d10	17.628	188	1103556	21.275	ng/u1	0.00
81) Pyrene-d10	19.845	212	1291932	21.004	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1270937	21.442	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	46174	8.696	ng/uL	95
5) Pyridine	3.934	79	302630	22.534	ng/u1	97
6) Benzaldehyde	7.275	77	207894	24.877	ng/u1	97
8) Phenol	7.316	94	368326	20.886	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.563	93	301801	21.107	ng/u1	98
12) 2-Chlorophenol	7.705	128	290985	22.177	ng/u1	100
13) 2-Methylphenol	8.587	108	273677	20.735	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	375078	20.545	ng/u1	98
16) Acetophenone	8.981	105	468254	21.373	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.963	70	219985	20.644	ng/u1#	98
18) 4-Methylphenol	8.910	108	300080	20.923	ng/u1	95
19) Hexachloroethane	9.252	117	119538	21.628	ng/u1	95
22) Nitrobenzene	9.363	77	317955	22.959	ng/u1	99
23) Isophorone	9.893	82	621977	19.890	ng/u1	99
25) 2-Nitrophenol	10.081	139	135722	24.822	ng/u1	98
26) 2,4-Dimethylphenol	10.128	107	329092	21.586	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	398567	20.572	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	275282	21.820	ng/u1	97
30) Naphthalene	11.028	128	965981	21.191	ng/u1	100
32) 4-Chloroaniline	11.134	127	402479	20.825	ng/u1	98
33) Hexachlorobutadiene	11.316	225	190119	21.305	ng/u1	97
34) Caprolactam	11.887	113	76105	19.922	ng/u1	96
35) 4-Chloro-3-methylphenol	12.234	107	272910	20.699	ng/u1	97
36) 2-Methylnaphthalene	12.622	142	628791	20.662	ng/u1	100

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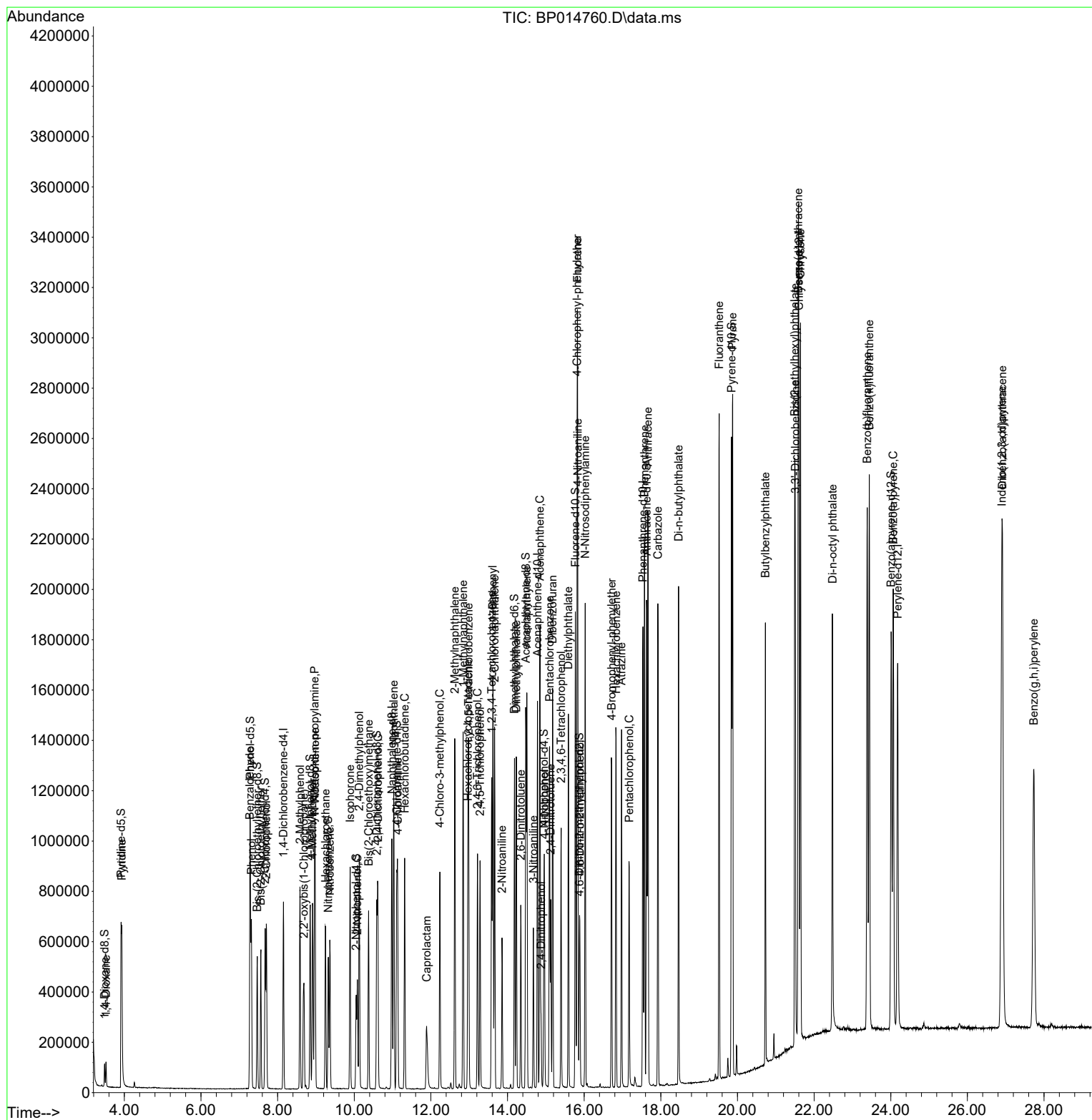
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	628123	20.820	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	359796	21.674	ng/ul	99
40) Hexachlorocyclopentadiene	12.963	237	200702	21.368	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	209620	22.294	ng/ul	99
42) 2,4,5-Trichlorophenol	13.281	196	233212	22.927	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	857834	21.446	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	682133	21.825	ng/ul	99
45) 2-Nitroaniline	13.857	65	141939	23.990	ng/ul	99
47) Dimethylphthalate	14.228	163	828059	21.047	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	129878	24.202	ng/ul	95
50) Acenaphthylene	14.504	152	1043373	21.268	ng/ul	99
51) 3-Nitroaniline	14.675	138	140568	23.030	ng/ul	98
52) Acenaphthene	14.845	153	717338	21.446	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	53743	20.698	ng/ul	99
55) 4-Nitrophenol	14.963	109	114714	22.509	ng/ul	97
56) Dibenzofuran	15.175	168	1007630	21.404	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	194213	24.666	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.398	232	191762	22.201	ng/ul	98
59) Diethylphthalate	15.587	149	808026	21.166	ng/ul	99
61) Fluorene	15.828	166	837556	21.795	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	421938	21.473	ng/ul	98
63) 4-Nitroaniline	15.834	138	146733	24.052	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.887	198	99096	21.422	ng/ul	95
67) N-Nitrosodiphenylamine	16.028	169	692056	21.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	257094	21.365	ng/ul	99
69) Hexachlorobenzene	16.834	284	295327	21.152	ng/ul	98
70) Atrazine	16.975	200	236738	20.832	ng/ul	98
71) Pentachlorophenol	17.175	266	152477	20.062	ng/ul	97
72) Phenanthrene	17.575	178	1283014	21.202	ng/ul	99
74) Anthracene	17.663	178	1323845	21.579	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	364129	21.717	ng/uL	98
76) Pentachlorobenzene	15.098	250	353310	21.364	ng/uL	100
77) Carbazole	17.922	167	1158353	21.508	ng/ul	99
78) Di-n-butylphthalate	18.463	149	1302878	21.308	ng/ul	99
80) Fluoranthene	19.522	202	1503468	21.009	ng/ul	98
82) Pyrene	19.875	202	1597762	21.099	ng/ul	100
83) Butylbenzylphthalate	20.727	149	461538	22.325	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	515546	21.446	ng/ul	99
85) Benzo(a)anthracene	21.586	228	1596470	21.390	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	749989	21.505	ng/ul	99
87) Chrysene	21.645	228	1517695	21.480	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1215257	19.640	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1580122	21.211	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	1630440	21.884	ng/ul	99
93) Benzo(a)pyrene	24.063	252	1434010	21.674	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	1871224	21.730	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	1568796	21.754	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	1482420	21.524	ng/ul	99

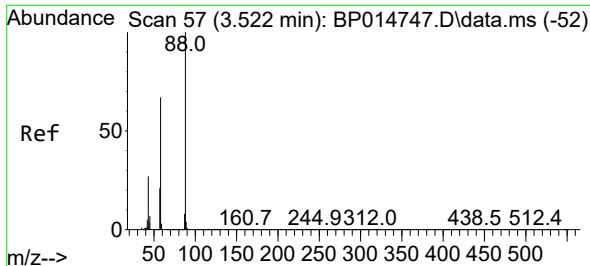
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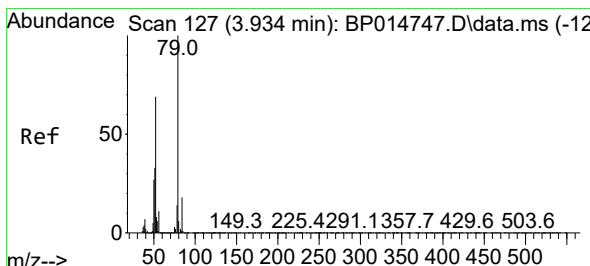
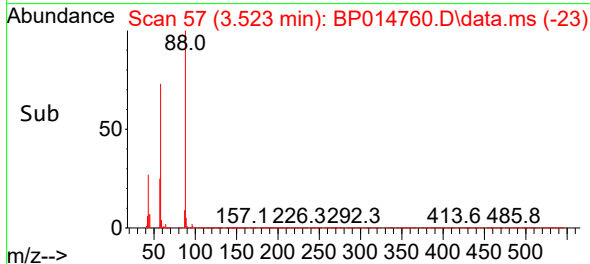
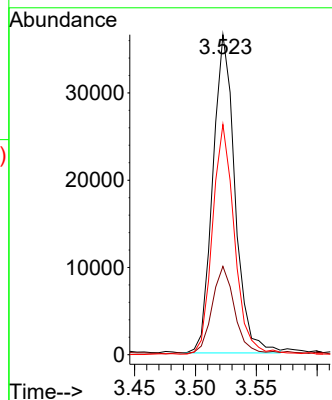
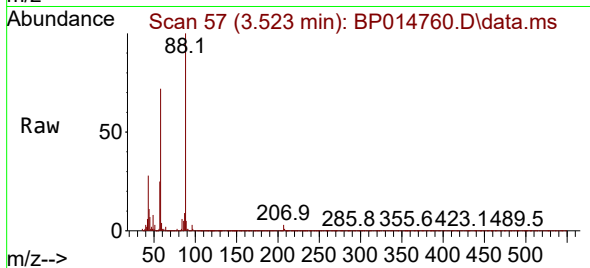




#2
1,4-Dioxane
Concen: 8.696 ng/uL
RT: 3.523 min Scan# 51
Delta R.T. -0.000 min
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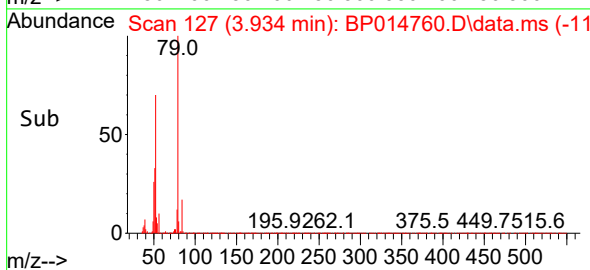
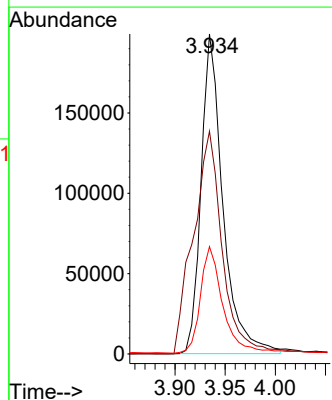
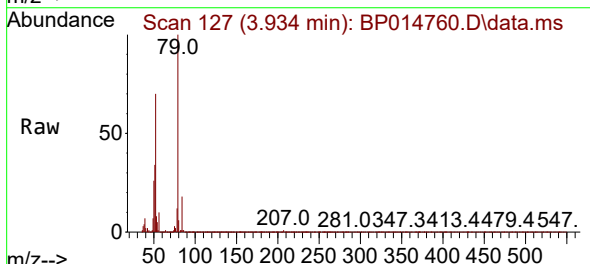
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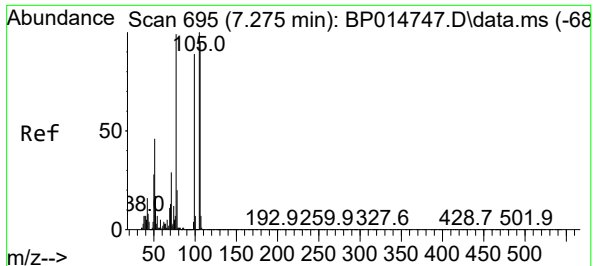
Tgt Ion: 88 Resp: 46174
Ion Ratio Lower Upper
88 100
43 27.6 25.0 37.6
58 71.9 54.9 82.3



#5
Pyridine
Concen: 22.534 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion: 79 Resp: 302630
Ion Ratio Lower Upper
79 100
52 69.6 58.3 87.5
51 33.5 27.8 41.6

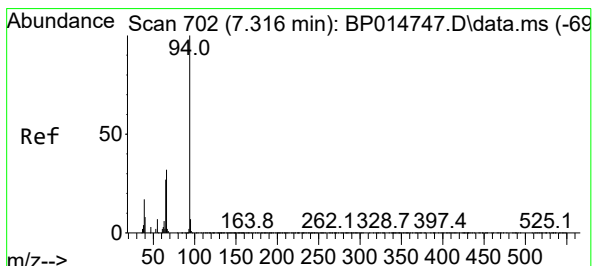
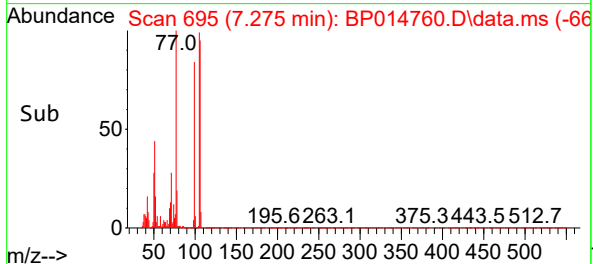
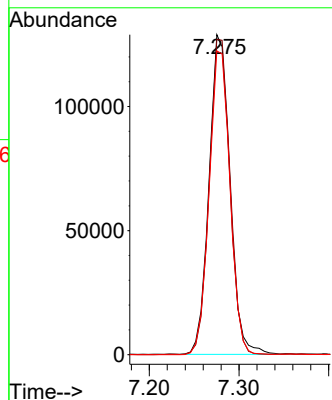
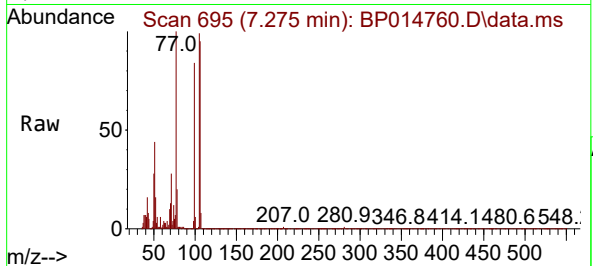




#6
Benzaldehyde
Concen: 24.877 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

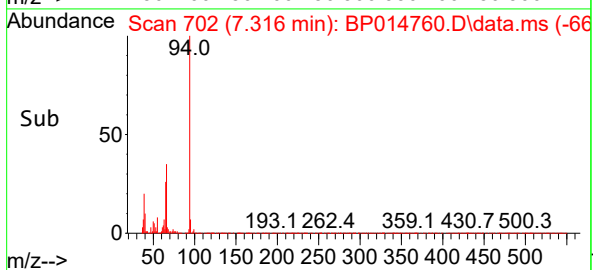
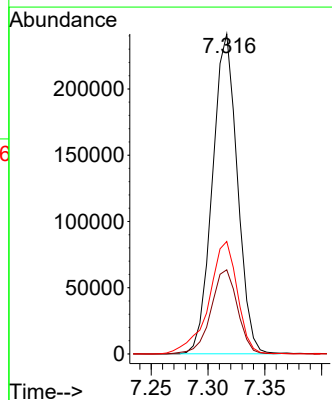
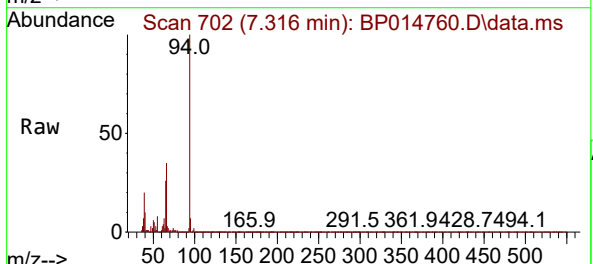
Instrument :
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ClientSampleId :

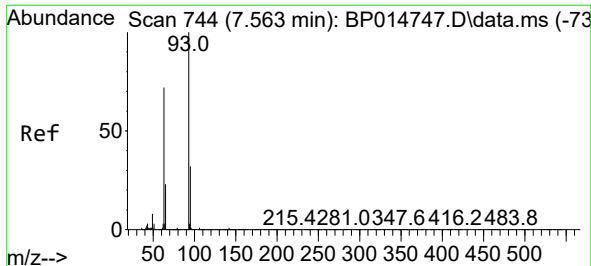
Tgt Ion: 77 Resp: 207894
Ion Ratio Lower Upper
77 100
105 98.6 76.6 114.8
106 95.0 73.3 109.9



#8
Phenol
Concen: 20.886 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion: 94 Resp: 368326
Ion Ratio Lower Upper
94 100
65 26.3 21.4 32.0
66 35.1 29.2 43.8

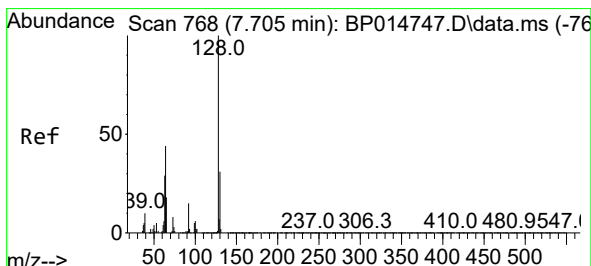
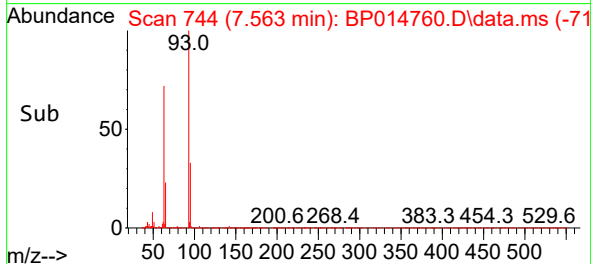
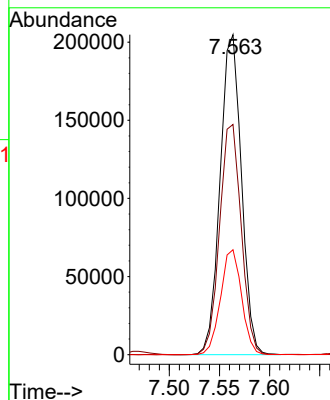
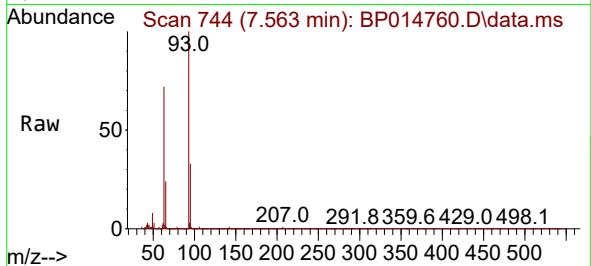




#10
Bis(2-Chloroethyl)ether
Concen: 21.107 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

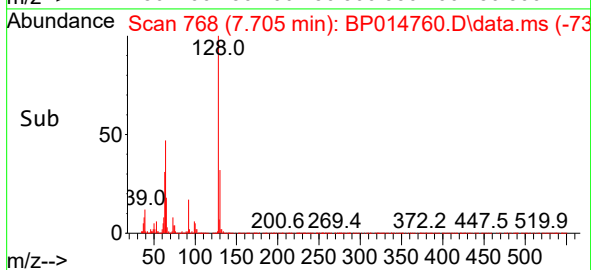
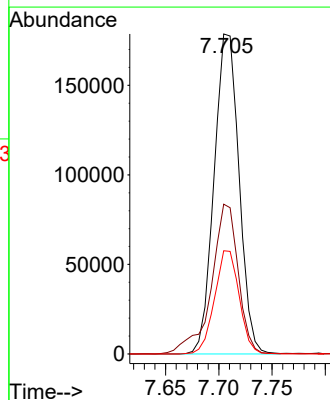
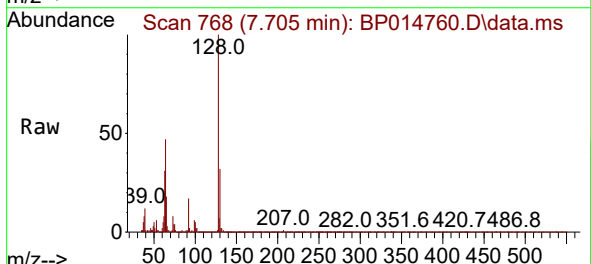
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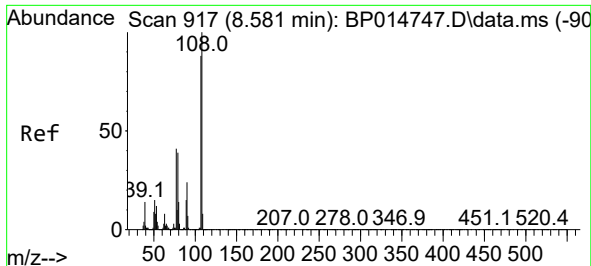
Tgt Ion: 93 Resp: 301801
Ion Ratio Lower Upper
93 100
63 71.9 59.1 88.7
95 32.8 25.1 37.7



#12
2-Chlorophenol
Concen: 22.177 ng/ul
RT: 7.705 min Scan# 768
Delta R.T. -0.006 min
Lab File: BP014760.D
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Tgt Ion:128 Resp: 290985
Ion Ratio Lower Upper
128 100
64 46.8 37.5 56.3
130 32.3 25.8 38.6

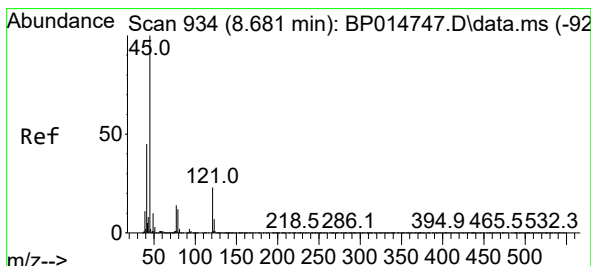
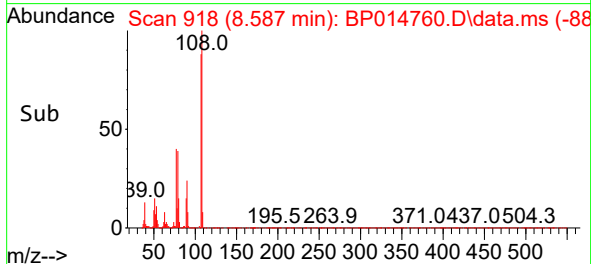
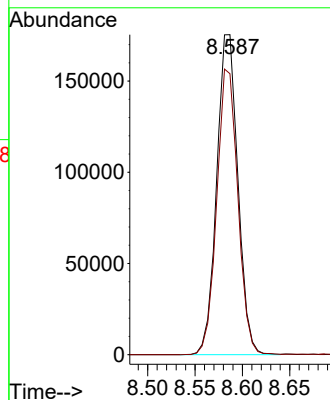
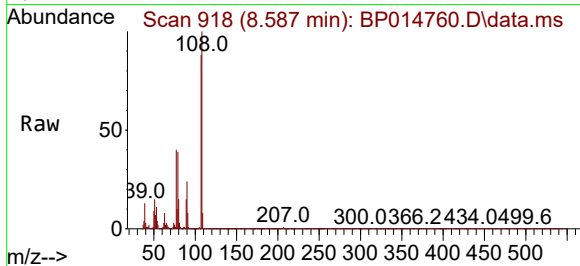




#13
2-Methylphenol
Concen: 20.735 ng/ul
RT: 8.587 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP014760.D
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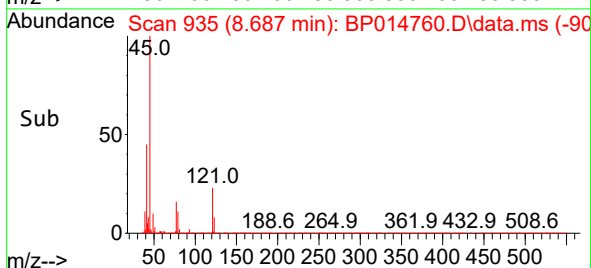
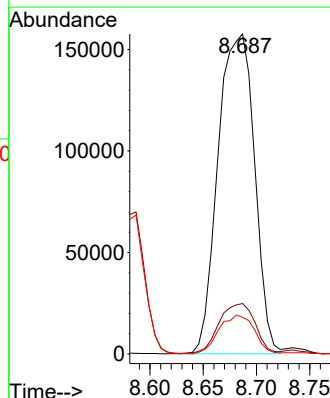
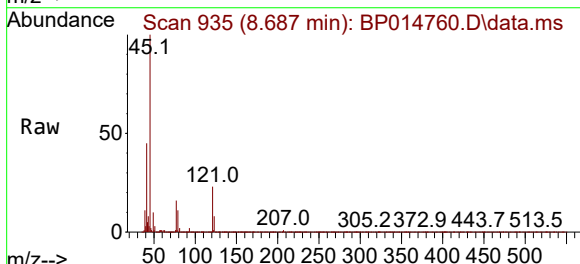
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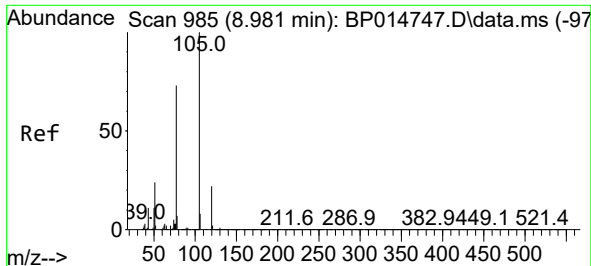
Tgt Ion:108 Resp: 273677
Ion Ratio Lower Upper
108 100
107 87.8 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.545 ng/ul
RT: 8.687 min Scan# 935
Delta R.T. -0.000 min
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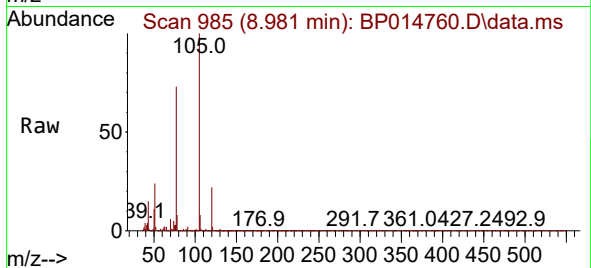
Tgt Ion: 45 Resp: 375078
Ion Ratio Lower Upper
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77 15.7 11.6 17.4
79 11.5 9.2 13.8



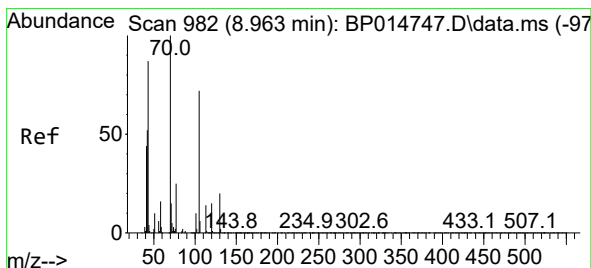
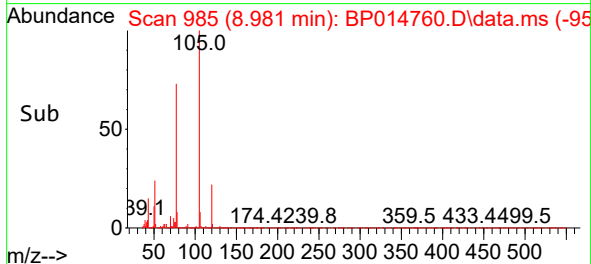
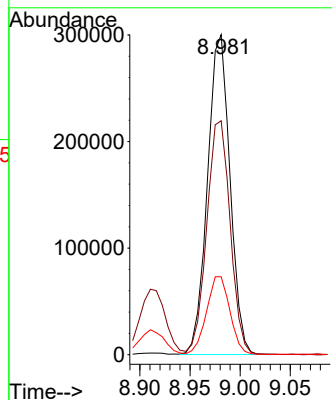


#16
Acetophenone
Concen: 21.373 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP014760.D
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Instrument :
BNA_P
ClientSampleId :

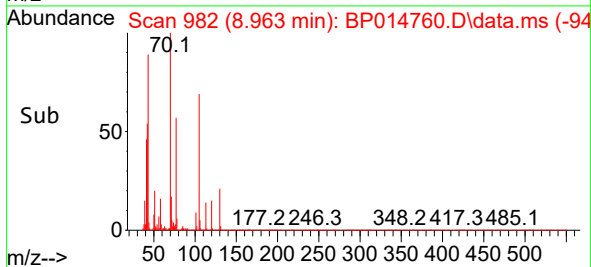
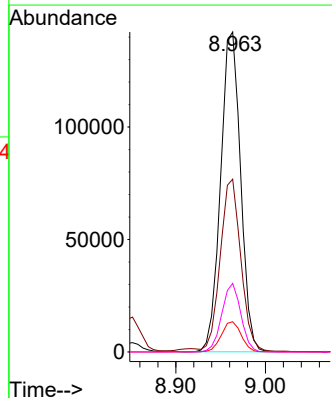
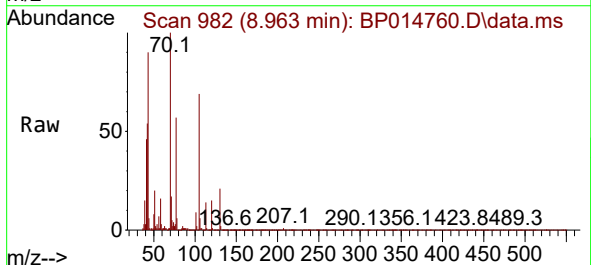


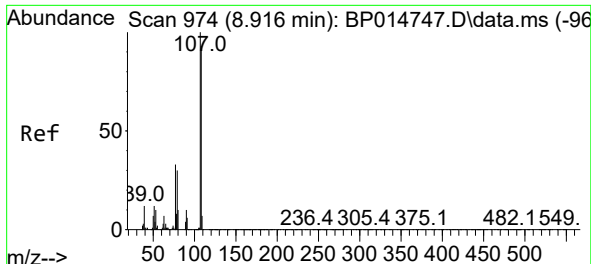
Tgt Ion:105 Resp: 468254
Ion Ratio Lower Upper
105 100
77 73.1 60.6 91.0
51 24.3 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 20.644 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion: 70 Resp: 219985
Ion Ratio Lower Upper
70 100
42 54.0 42.9 64.3
101 9.4 7.6 11.4
130 21.5 14.2 21.2





#18

4-Methylphenol

Concen: 20.923 ng/ul

RT: 8.910 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

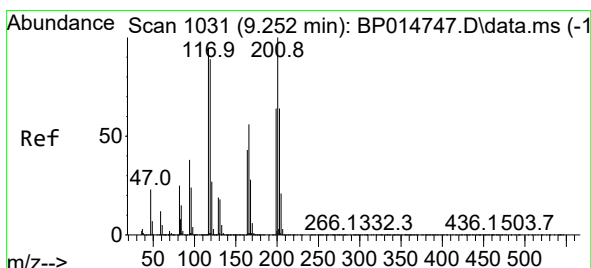
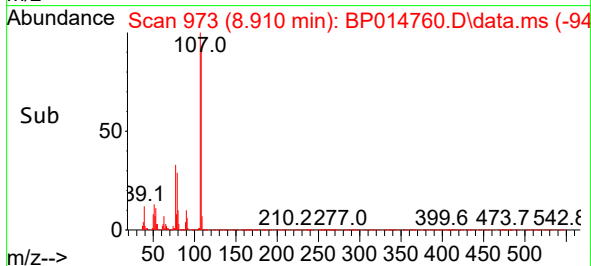
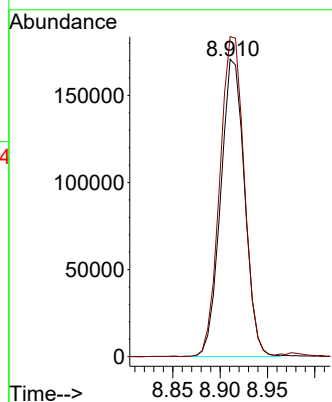
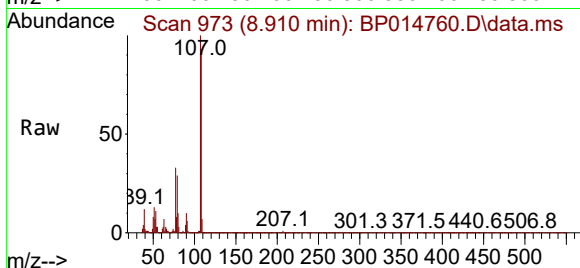
ClientSampleId :

Tgt Ion:108 Resp: 300080

Ion Ratio Lower Upper

108 100

107 107.6 90.8 136.2



#19

Hexachloroethane

Concen: 21.628 ng/ul

RT: 9.252 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

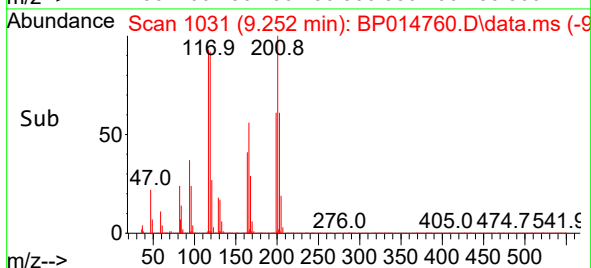
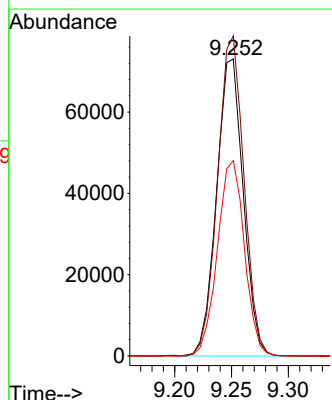
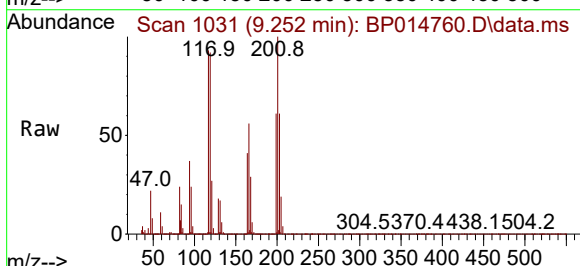
Tgt Ion:117 Resp: 119538

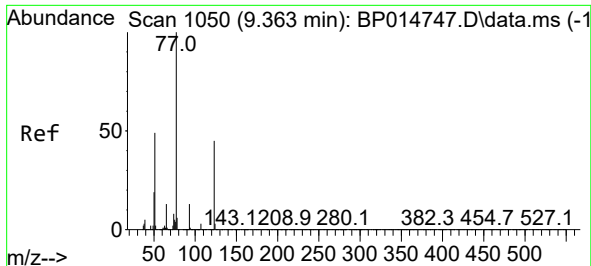
Ion Ratio Lower Upper

117 100

201 107.8 81.0 121.4

199 65.8 51.5 77.3

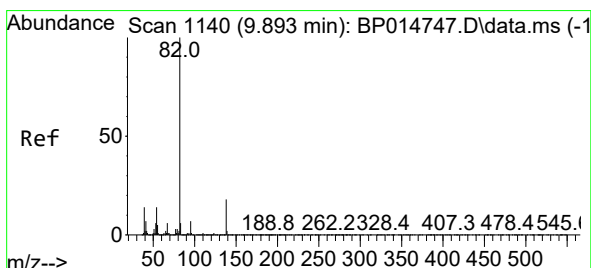
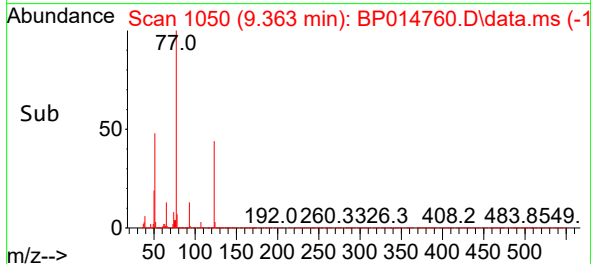
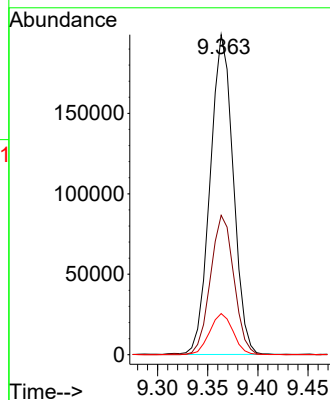
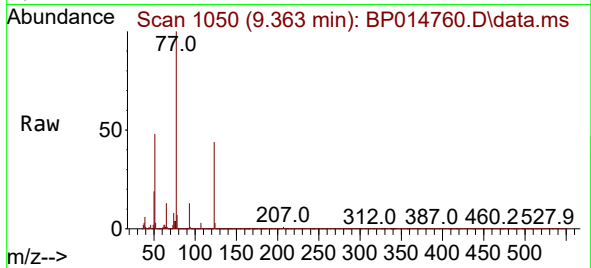




#22
Nitrobenzene
Concen: 22.959 ng/ul
RT: 9.363 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

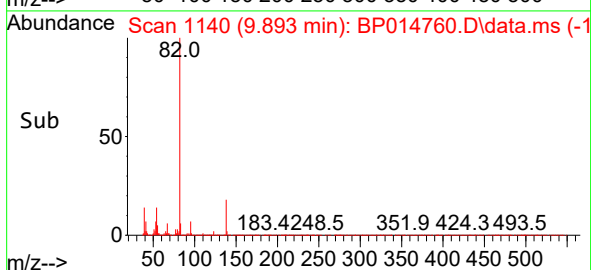
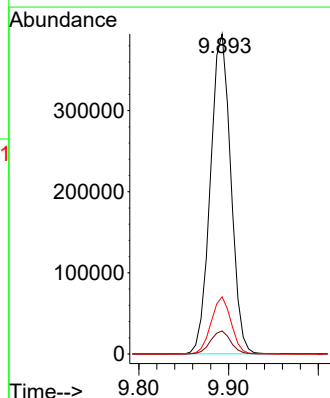
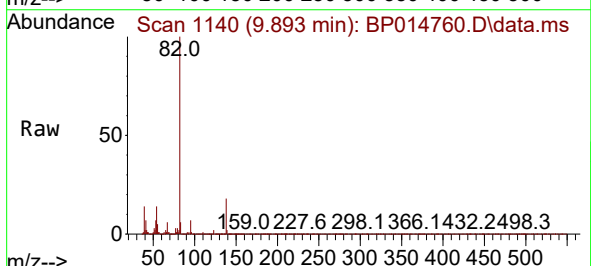
Instrument :
BNA_P
ClientSampleId :

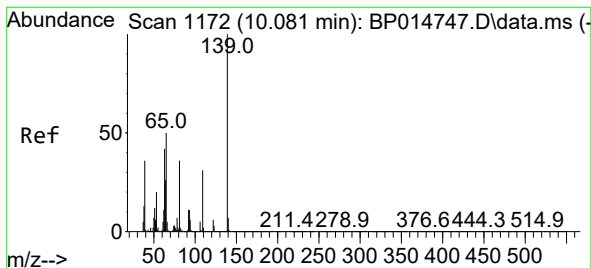
Tgt Ion: 77 Resp: 317955
Ion Ratio Lower Upper
77 100
123 43.6 35.4 53.2
65 12.9 10.8 16.2



#23
Isophorone
Concen: 19.890 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion: 82 Resp: 621977
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.8 13.6 20.4

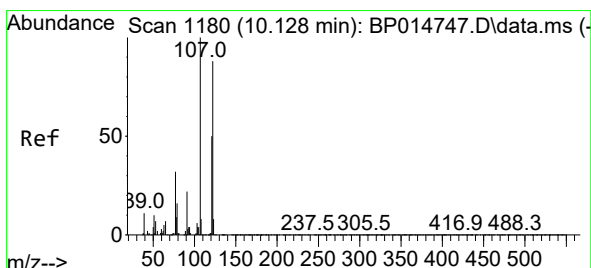
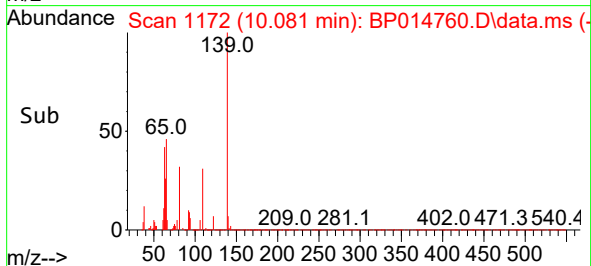
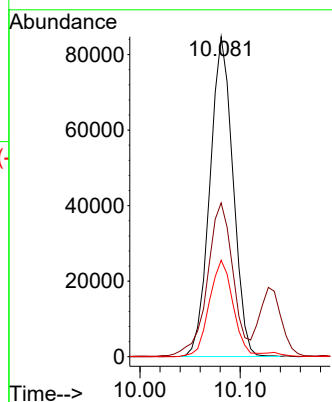
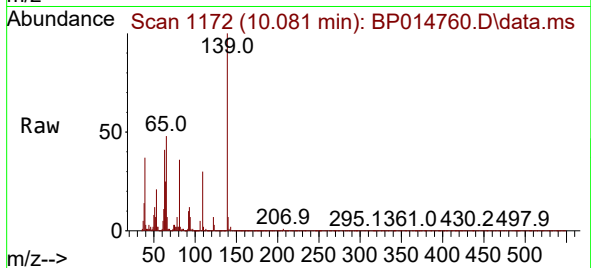




#25
2-Nitrophenol
Concen: 24.822 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

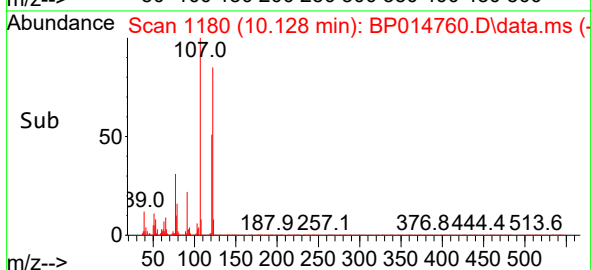
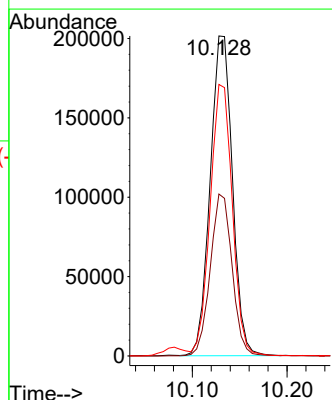
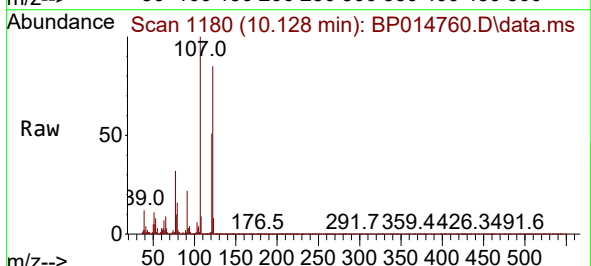
Instrument :
BNA_P
ClientSampleId :

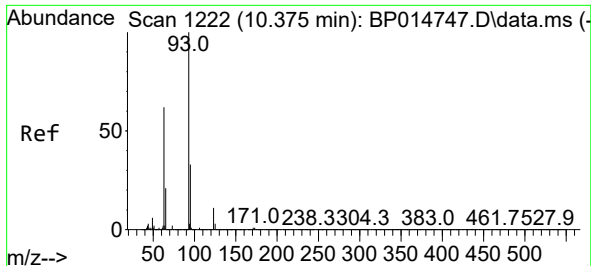
Tgt Ion:139 Resp: 135722
Ion Ratio Lower Upper
139 100
65 48.1 39.4 59.2
109 30.1 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 21.586 ng/ul
RT: 10.128 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:107 Resp: 329092
Ion Ratio Lower Upper
107 100
121 50.6 40.2 60.2
122 84.9 69.2 103.8





#27

Bis(2-Chloroethoxy)methane

Concen: 20.572 ng/ul

RT: 10.375 min Scan# 1222

Delta R.T. -0.000 min

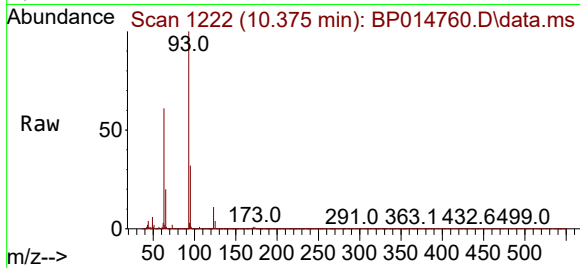
Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :



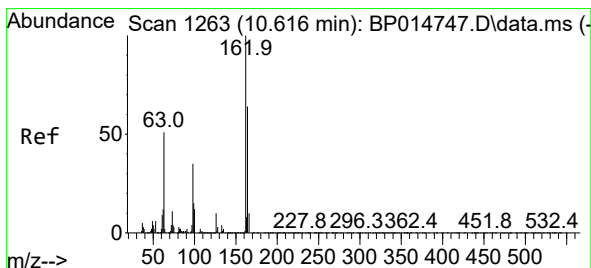
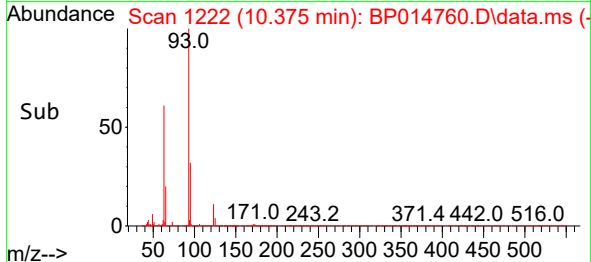
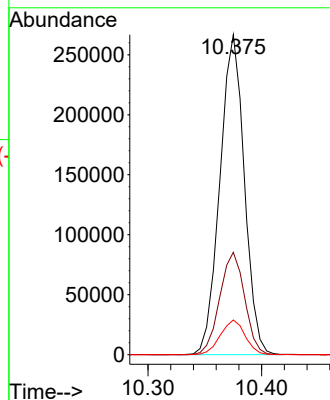
Tgt Ion: 93 Resp: 398567

Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

123 10.8 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 21.820 ng/ul

RT: 10.616 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

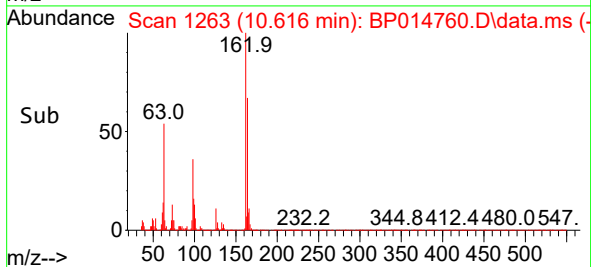
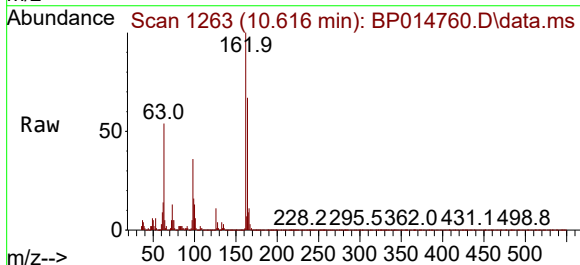
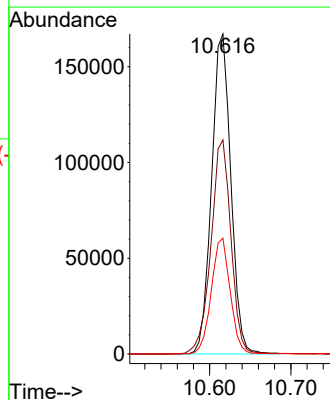
Tgt Ion: 162 Resp: 275282

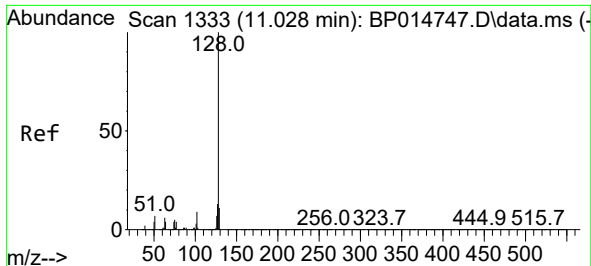
Ion Ratio Lower Upper

162 100

164 66.9 50.6 76.0

98 36.2 28.8 43.2

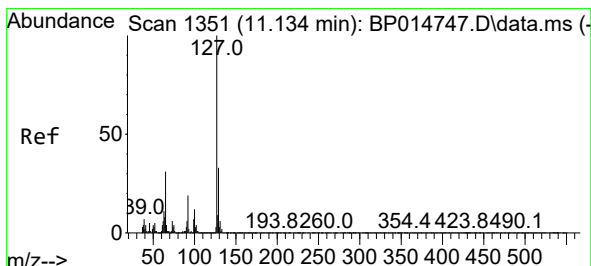
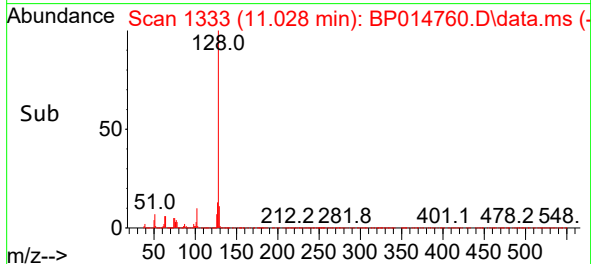
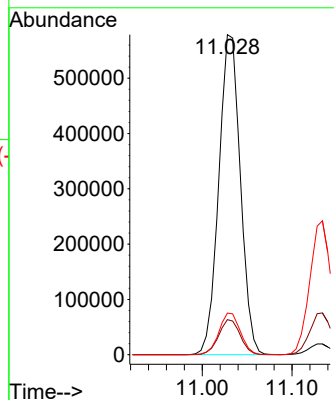
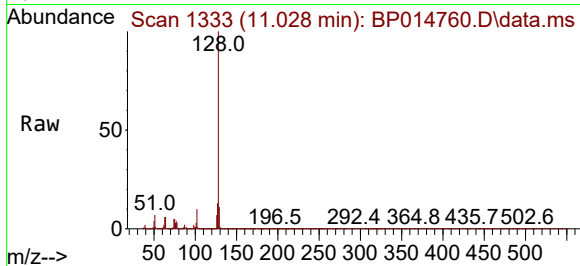




#30
Naphthalene
Concen: 21.191 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

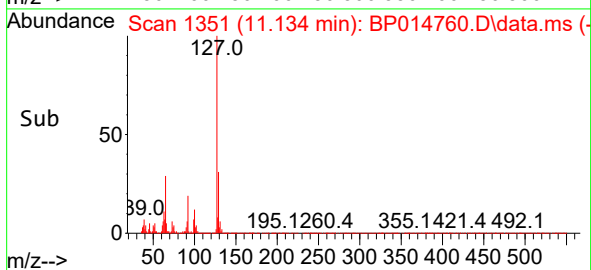
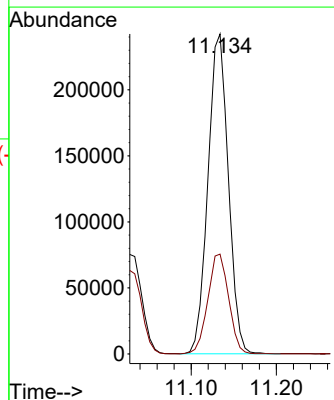
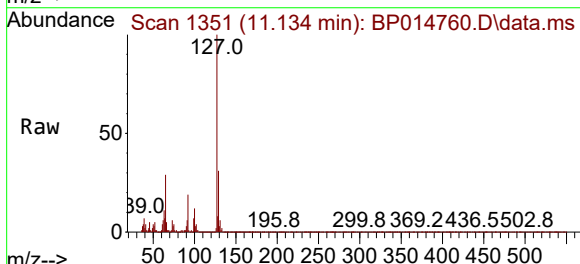
Instrument :
BNA_P
ClientSampleId :

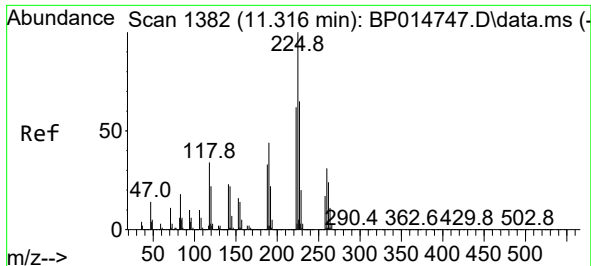
Tgt Ion:128 Resp: 965981
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 20.825 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:127 Resp: 402479
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0

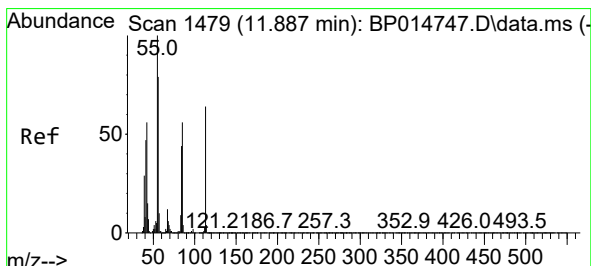
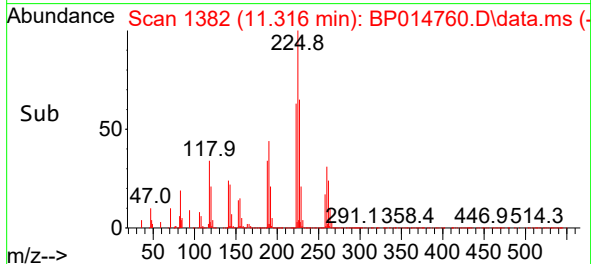
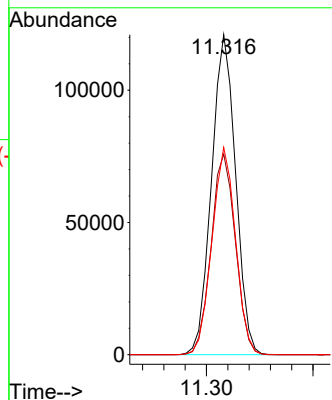
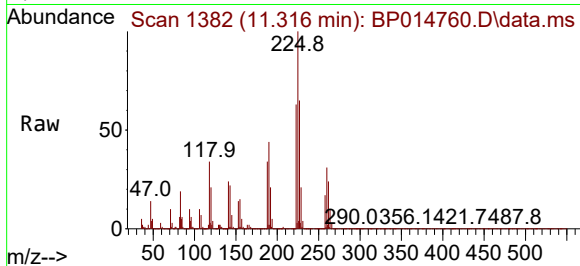




#33
Hexachlorobutadiene
Concen: 21.305 ng/ul
RT: 11.316 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

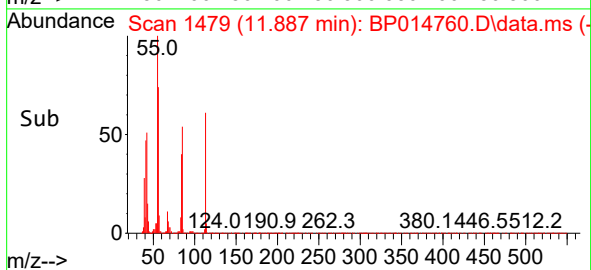
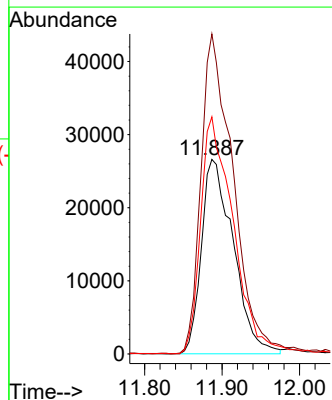
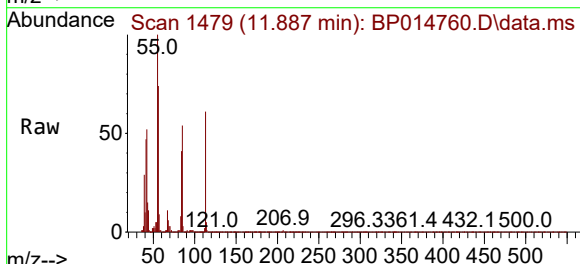
Instrument :
BNA_P
ClientSampleId :

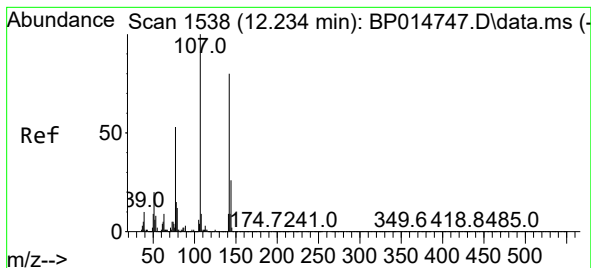
Tgt Ion:225 Resp: 190119
Ion Ratio Lower Upper
225 100
223 62.7 49.2 73.8
227 64.8 49.4 74.2



#34
Caprolactam
Concen: 19.922 ng/ul
RT: 11.887 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:113 Resp: 76105
Ion Ratio Lower Upper
113 100
55 164.5 135.4 203.0
56 121.9 101.0 151.4

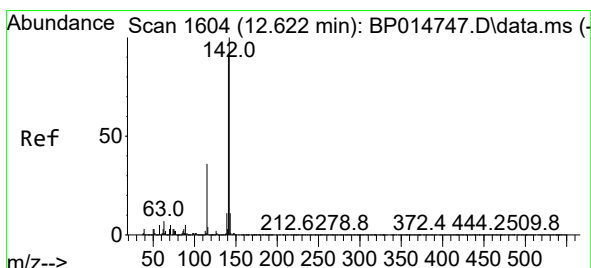
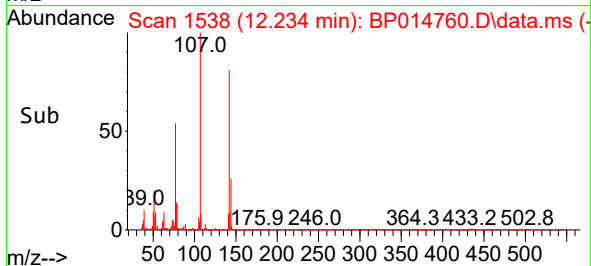
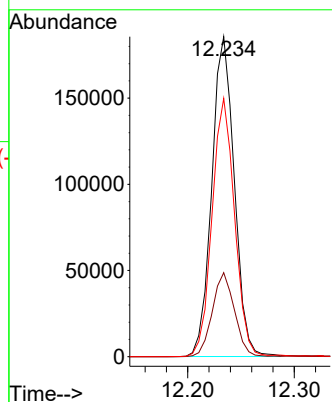
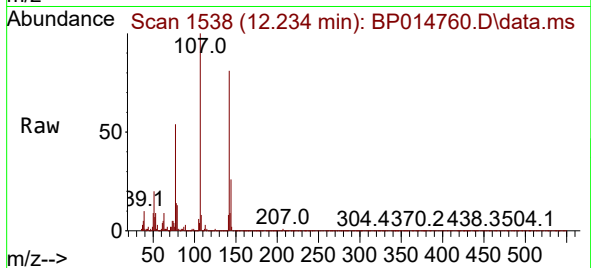




#35
4-Chloro-3-methylphenol
Concen: 20.699 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

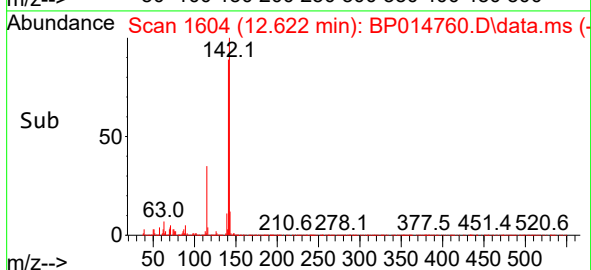
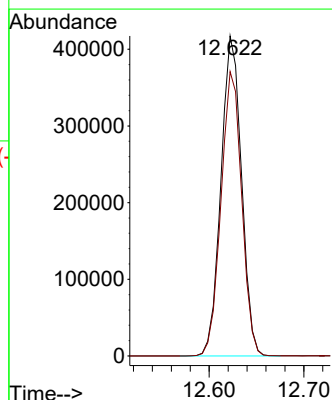
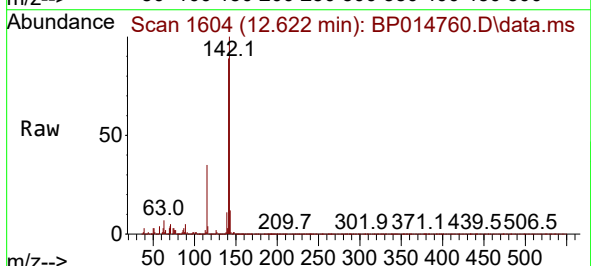
Instrument :
BNA_P
ClientSampleId :

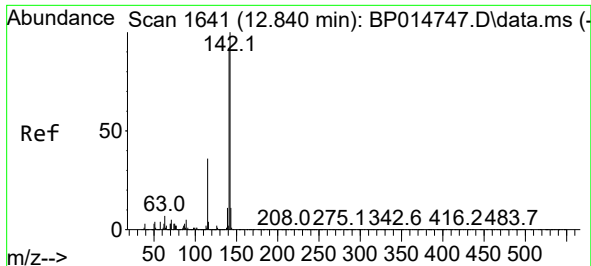
Tgt Ion:107 Resp: 272910
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.7 61.9 92.9



#36
2-Methylnaphthalene
Concen: 20.662 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

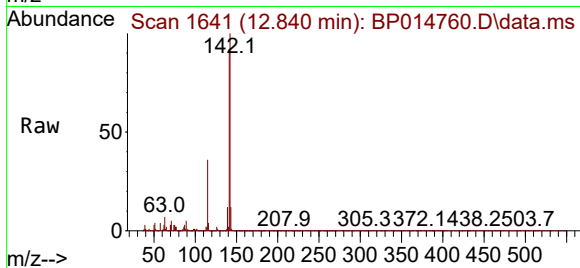
Tgt Ion:142 Resp: 628791
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



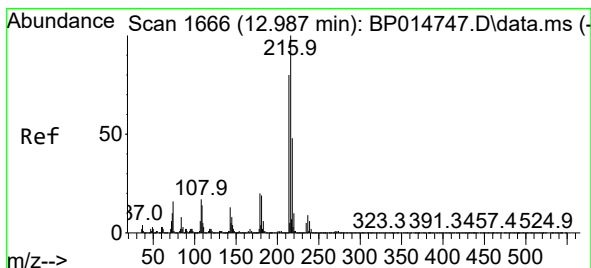
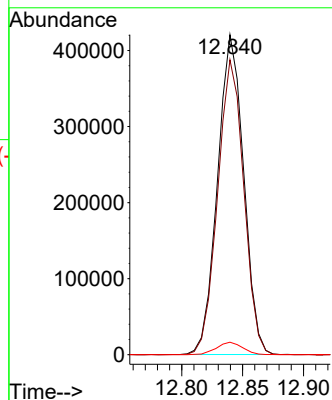
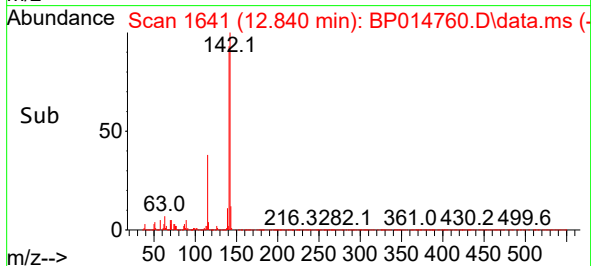


#37
1-Methylnaphthalene
Concen: 20.820 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Instrument :
BNA_P
ClientSampleId :

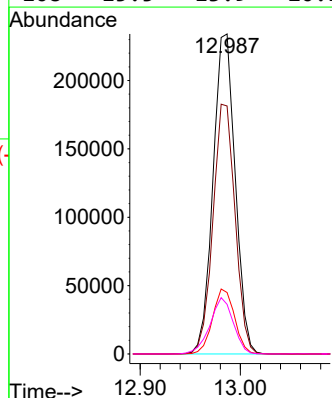
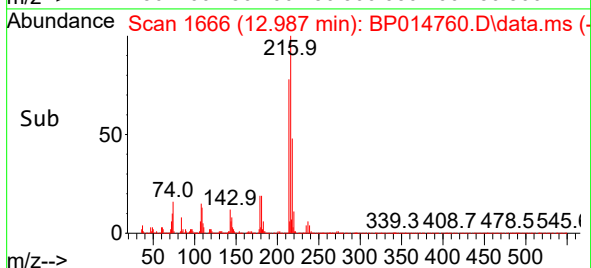
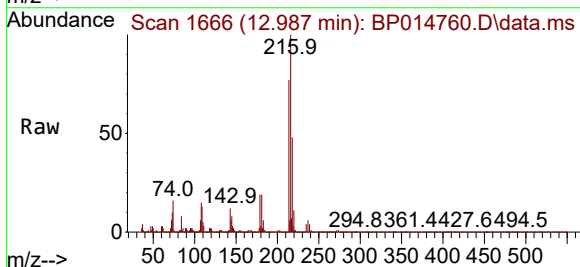


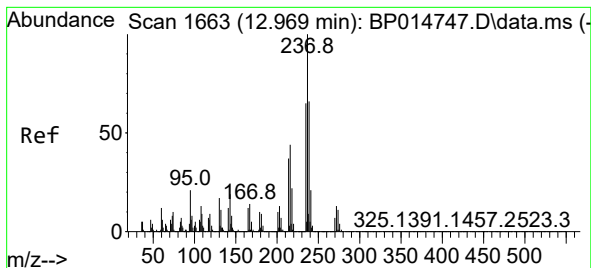
Tgt Ion:142 Resp: 628123
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.9 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.674 ng/ul
RT: 12.987 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:216 Resp: 359796
Ion Ratio Lower Upper
216 100
214 77.5 61.7 92.5
179 19.2 15.5 23.3
108 15.5 13.9 20.9





#40

Hexachlorocyclopentadiene

Concen: 21.368 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

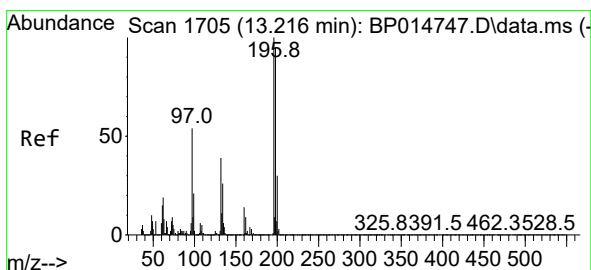
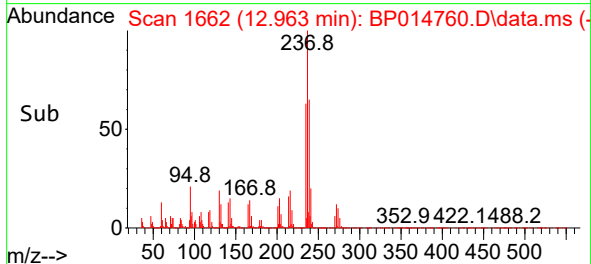
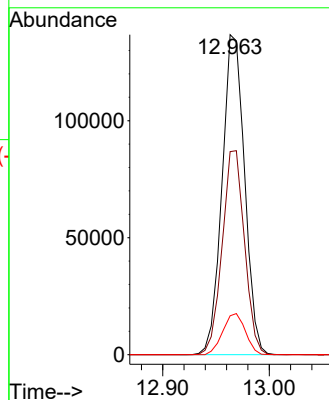
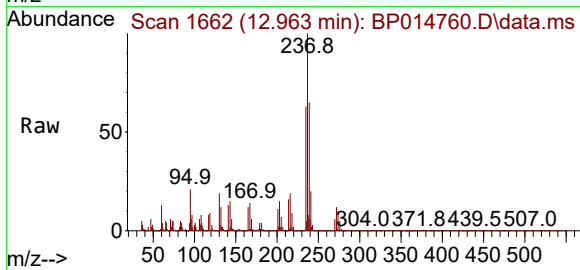
Tgt Ion:237 Resp: 200702

Ion Ratio Lower Upper

237 100

235 63.4 50.6 76.0

272 12.2 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 22.294 ng/ul

RT: 13.216 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

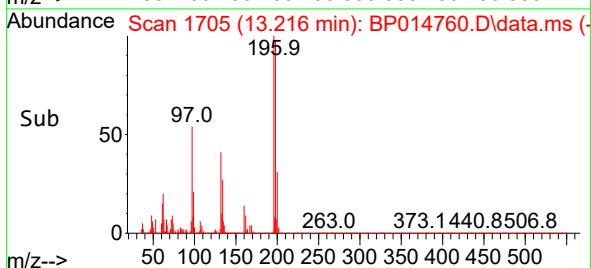
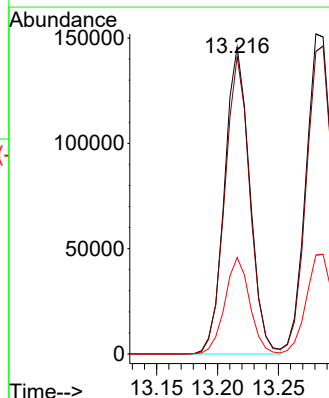
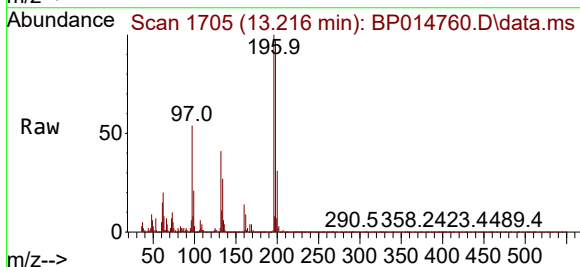
Tgt Ion:196 Resp: 209620

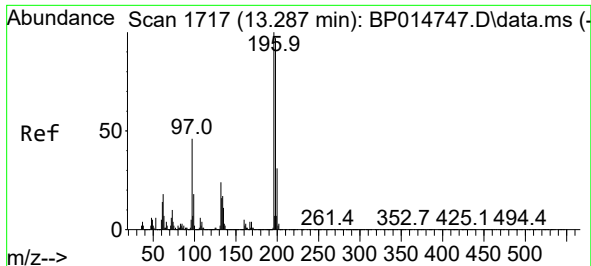
Ion Ratio Lower Upper

196 100

198 96.9 77.8 116.8

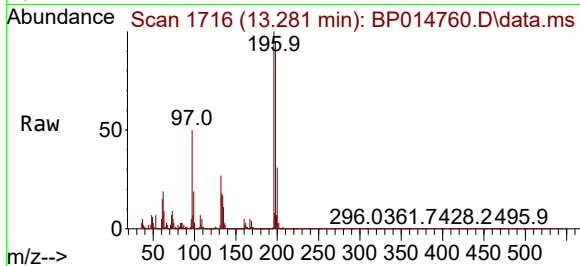
200 31.4 25.7 38.5



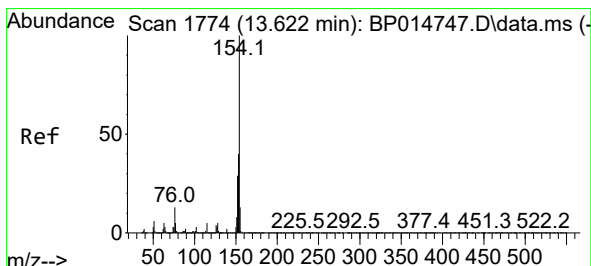
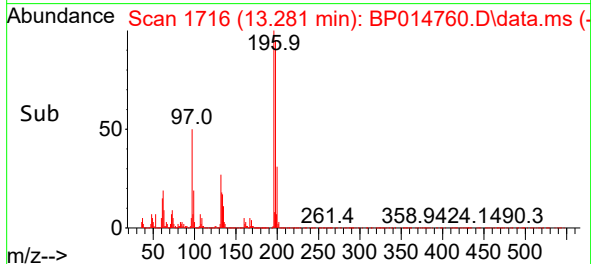
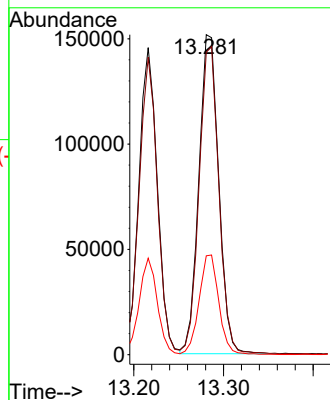


#42
2,4,5-Trichlorophenol
Concen: 22.927 ng/ul
RT: 13.281 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Instrument :
BNA_P
ClientSampleId :

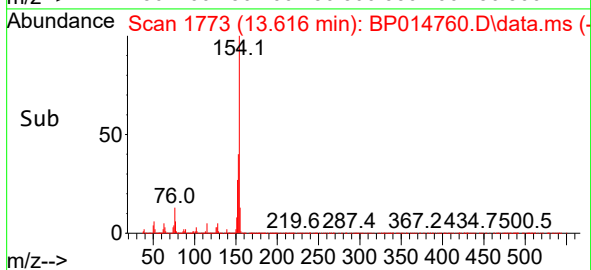
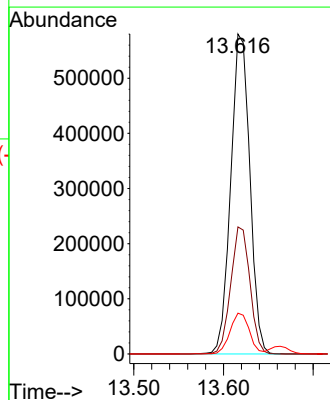
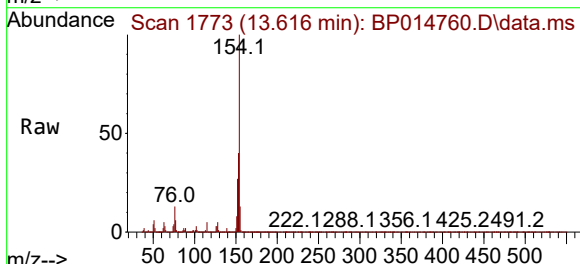


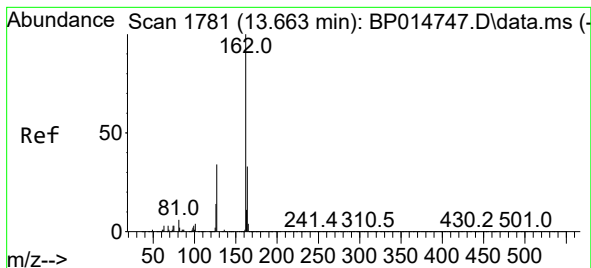
Tgt Ion:196 Resp: 233212
Ion Ratio Lower Upper
196 100
198 94.5 78.0 117.0
200 30.9 24.7 37.1



#43
1,1'-Biphenyl
Concen: 21.446 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:154 Resp: 857834
Ion Ratio Lower Upper
154 100
153 39.7 31.9 47.9
76 12.7 10.8 16.2





#44

2-Chloronaphthalene

Concen: 21.825 ng/ul

RT: 13.663 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

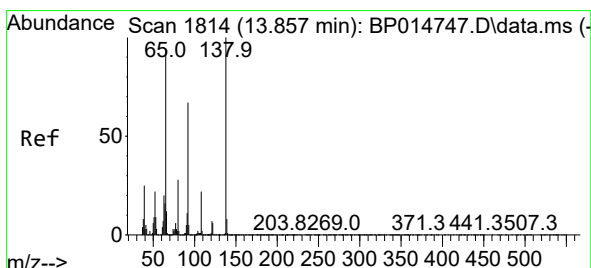
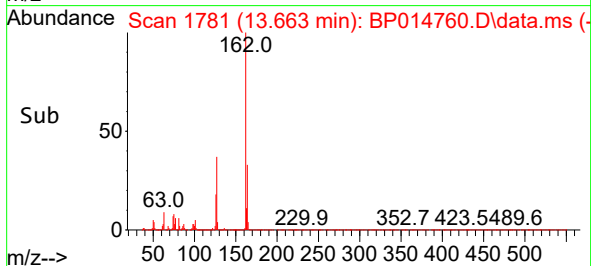
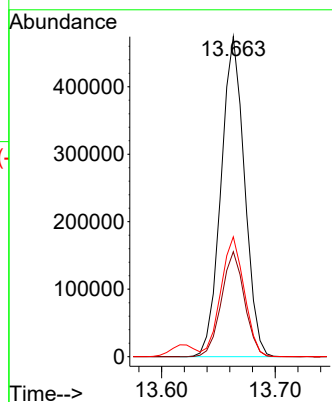
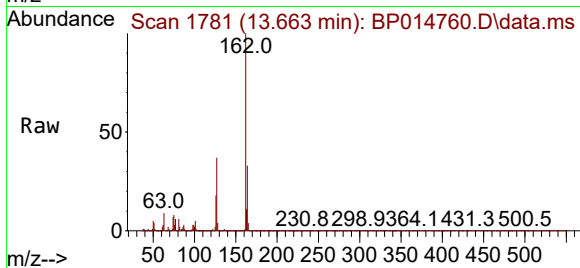
Tgt Ion:162 Resp: 682133

Ion Ratio Lower Upper

162 100

164 32.8 26.6 39.8

127 37.4 30.5 45.7



#45

2-Nitroaniline

Concen: 23.990 ng/ul

RT: 13.857 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

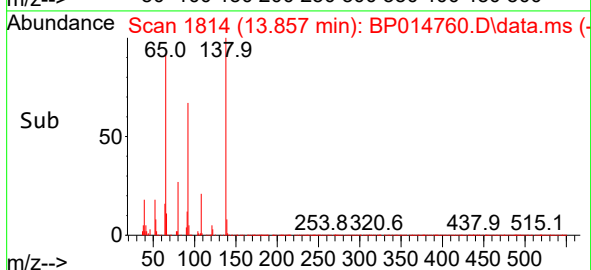
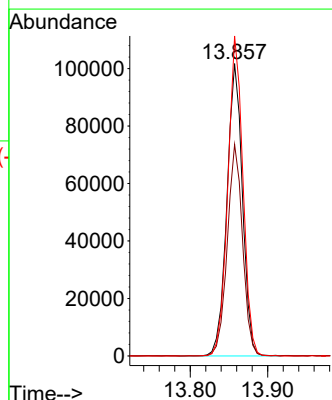
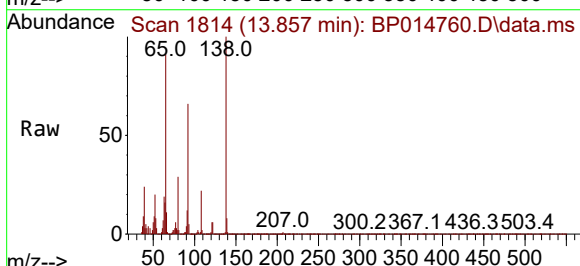
Tgt Ion: 65 Resp: 141939

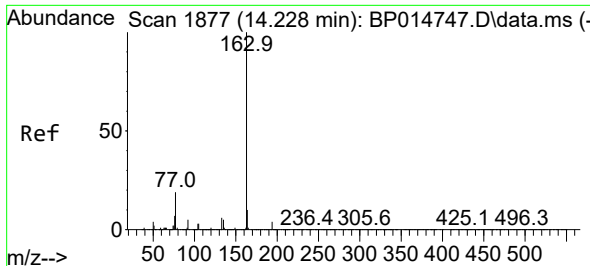
Ion Ratio Lower Upper

65 100

92 72.3 57.0 85.4

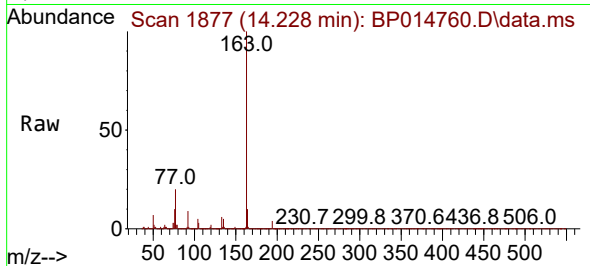
138 109.4 86.8 130.2



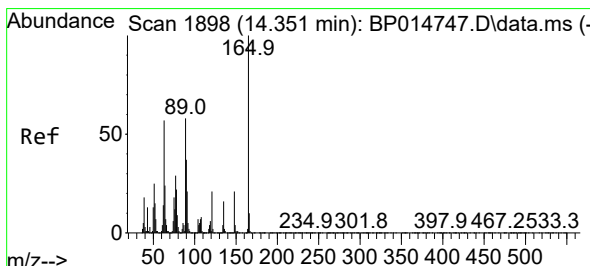
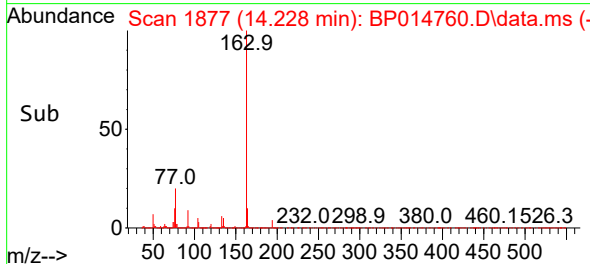
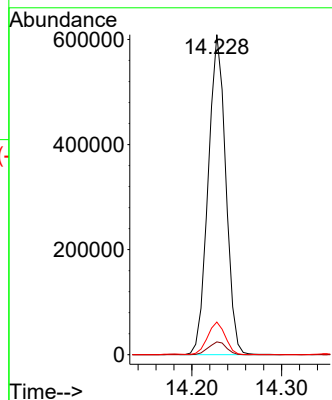


#47
Dimethylphthalate
Concen: 21.047 ng/ul
RT: 14.228 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Instrument :
BNA_P
ClientSampleId :

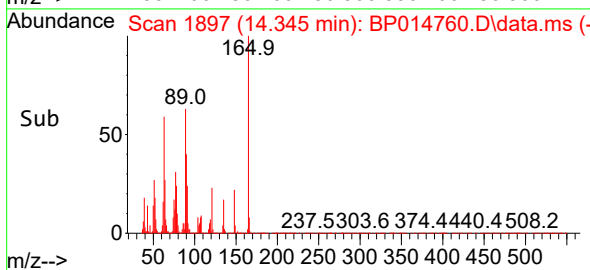
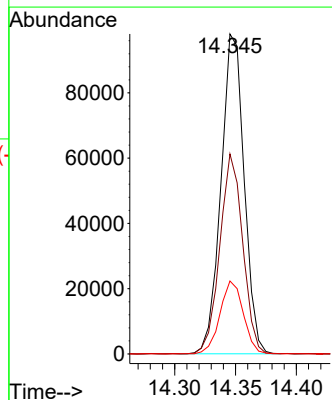
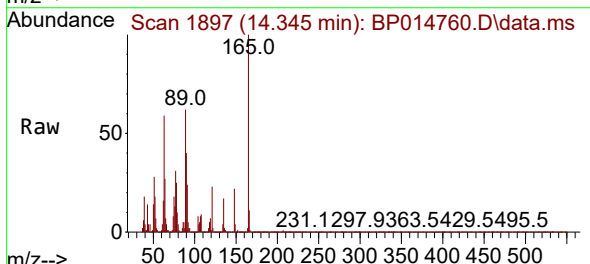


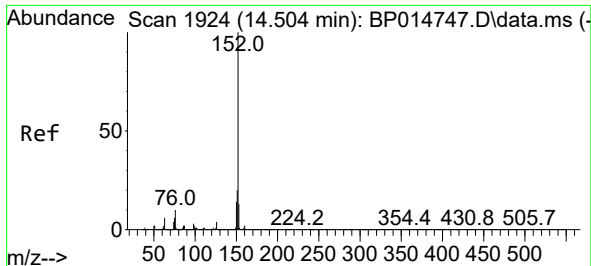
Tgt Ion:163 Resp: 828059
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 24.202 ng/ul
RT: 14.345 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

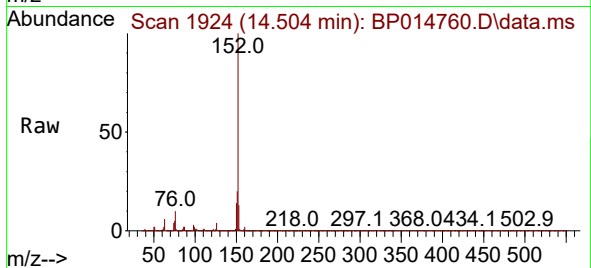
Tgt Ion:165 Resp: 129878
Ion Ratio Lower Upper
165 100
89 62.5 53.0 79.6
121 22.8 19.8 29.6



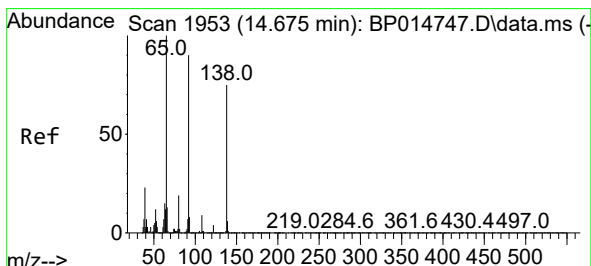
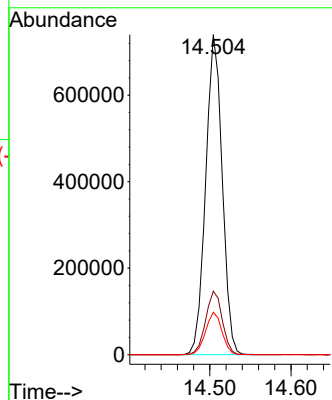
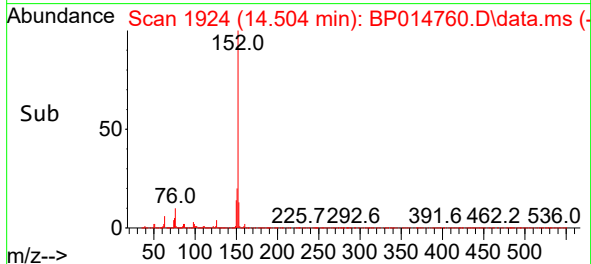


#50
Acenaphthylene
Concen: 21.268 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Instrument :
BNA_P
ClientSampleId :

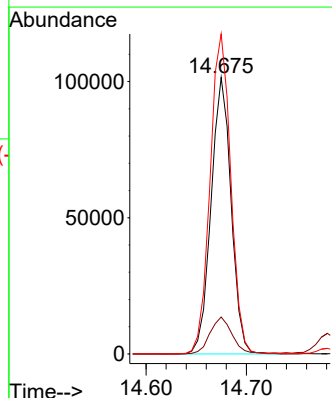
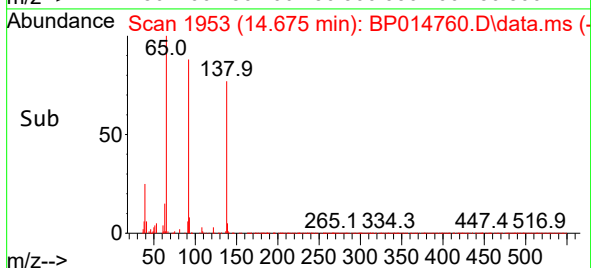
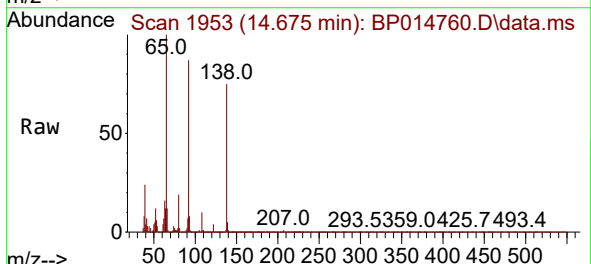


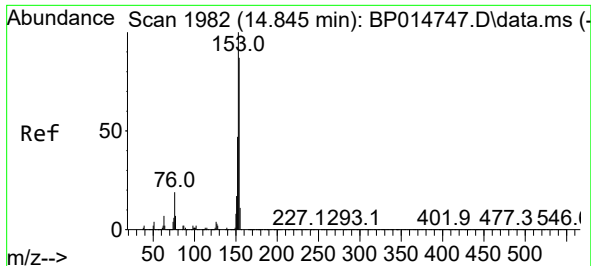
Tgt Ion:152 Resp: 1043373
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.0 15.0



#51
3-Nitroaniline
Concen: 23.030 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:138 Resp: 140568
Ion Ratio Lower Upper
138 100
108 13.4 12.9 19.3
92 115.7 91.5 137.3

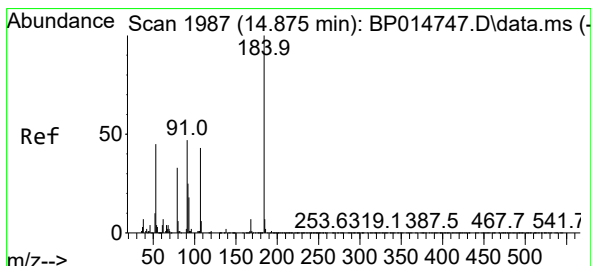
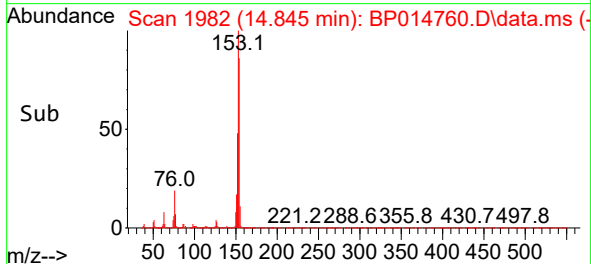
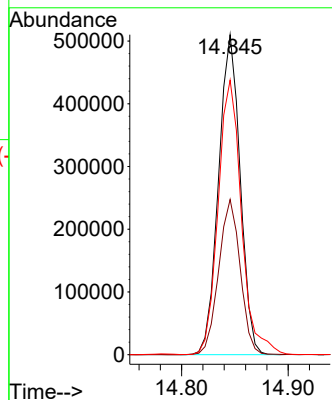
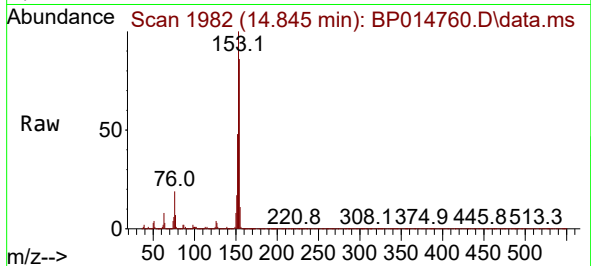




#52
Acenaphthene
Concen: 21.446 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

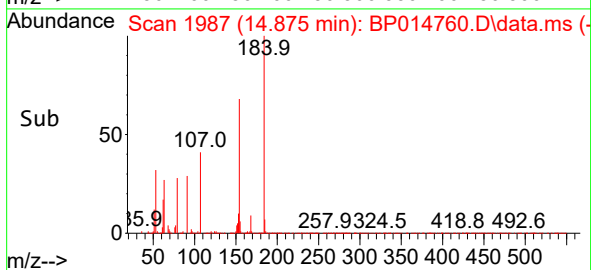
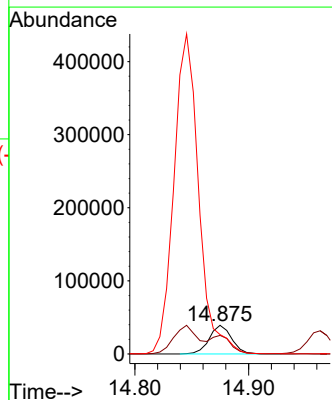
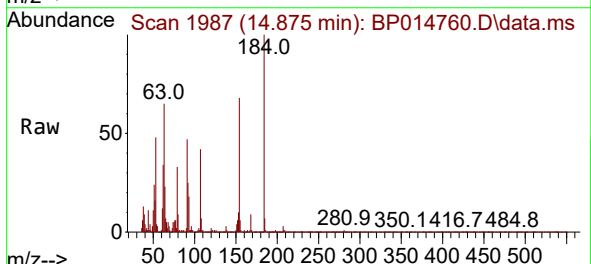
Instrument :
BNA_P
ClientSampleId :

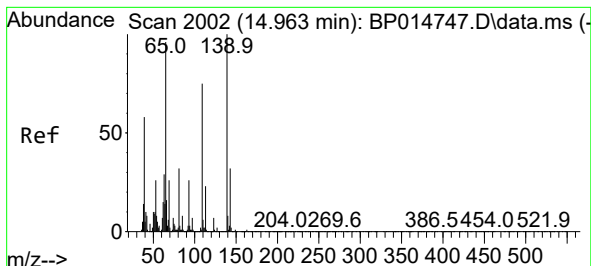
Tgt Ion:153 Resp: 717338
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 85.8 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 20.698 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:184 Resp: 53743
Ion Ratio Lower Upper
184 100
63 65.1 51.1 76.7
154 67.7 54.0 81.0

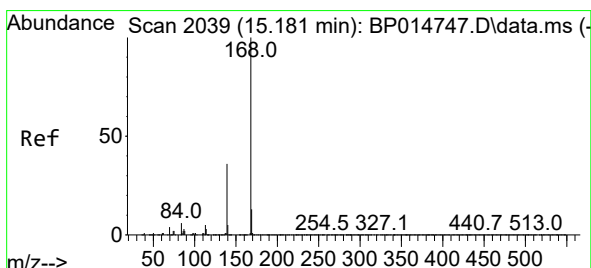
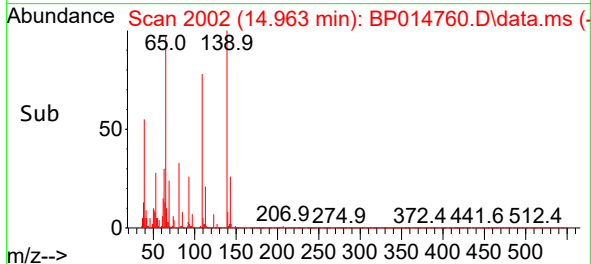
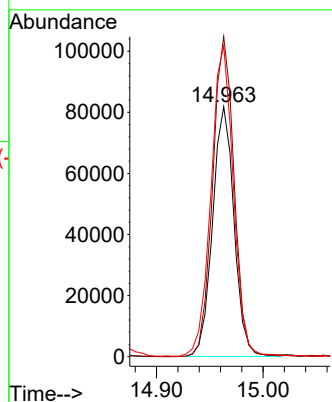
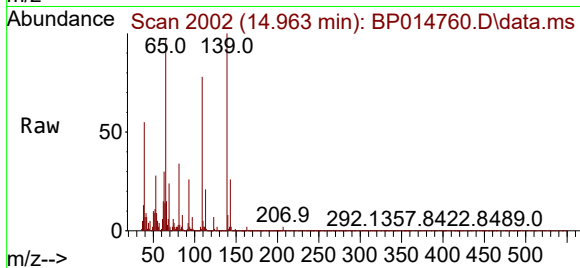




#55
4-Nitrophenol
Concen: 22.509 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

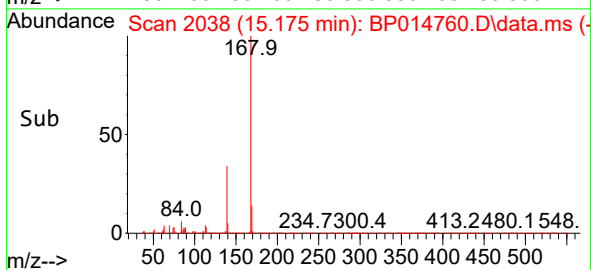
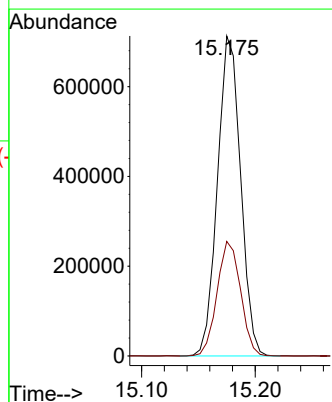
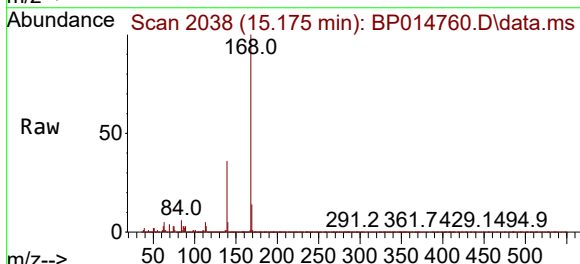
Instrument :
BNA_P
ClientSampleId :

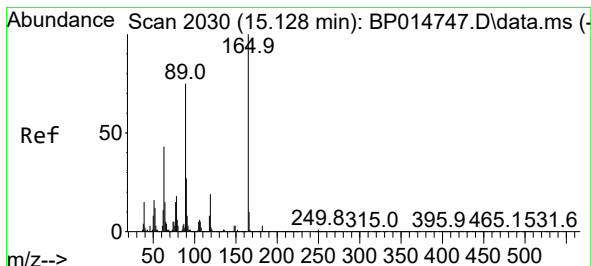
Tgt Ion:109 Resp: 114714
Ion Ratio Lower Upper
109 100
139 128.0 100.5 150.7
65 124.4 102.4 153.6



#56
Dibenzofuran
Concen: 21.404 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:168 Resp: 1007630
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.8

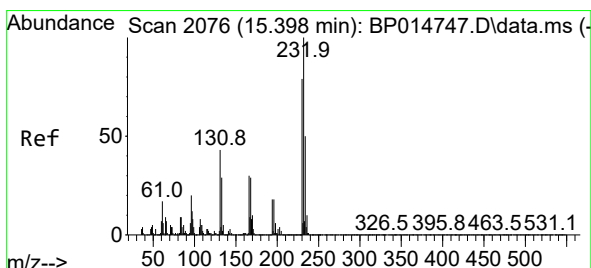
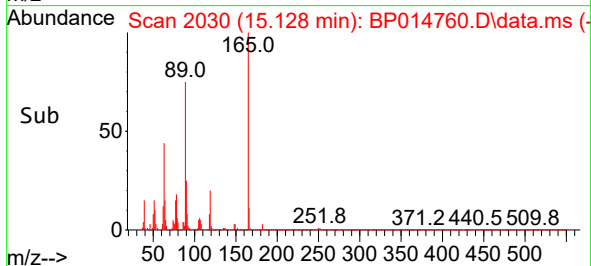
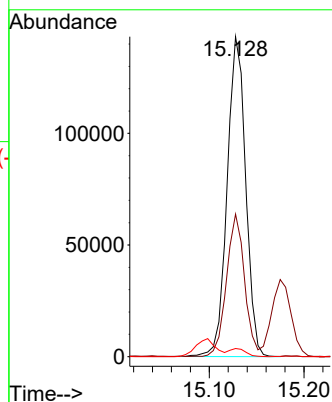
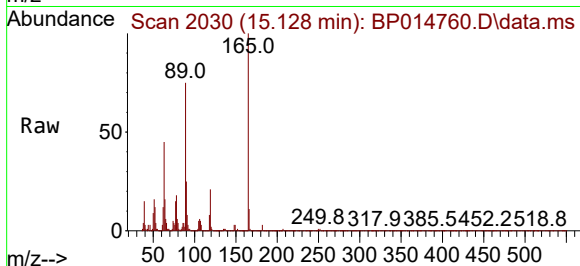




#57
2,4-Dinitrotoluene
Concen: 24.666 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

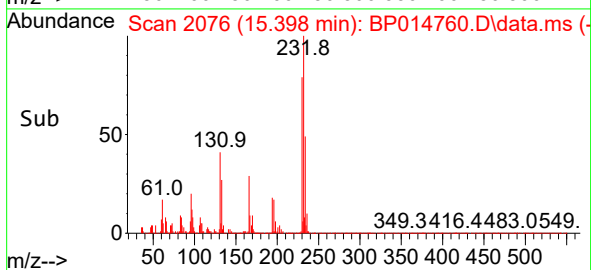
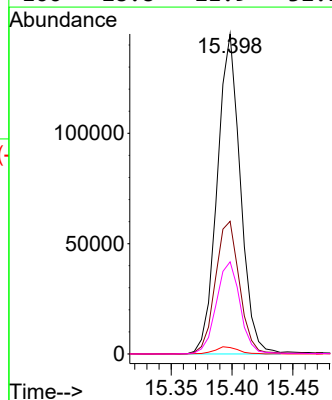
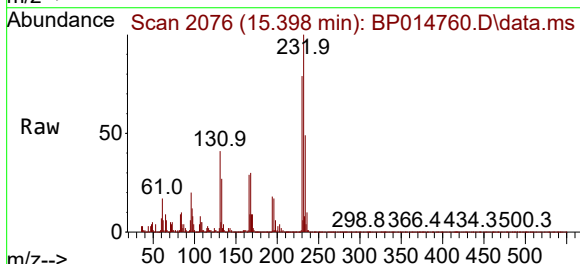
Instrument :
BNA_P
ClientSampleId :

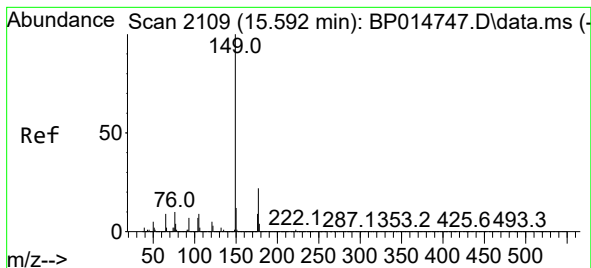
Tgt Ion:165 Resp: 194213
Ion Ratio Lower Upper
165 100
63 44.6 36.6 54.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.201 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:232 Resp: 191762
Ion Ratio Lower Upper
232 100
131 41.4 32.4 48.6
130 2.0 1.8 2.6
166 28.8 21.9 32.9





#59

Diethylphthalate

Concen: 21.166 ng/ul

RT: 15.587 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

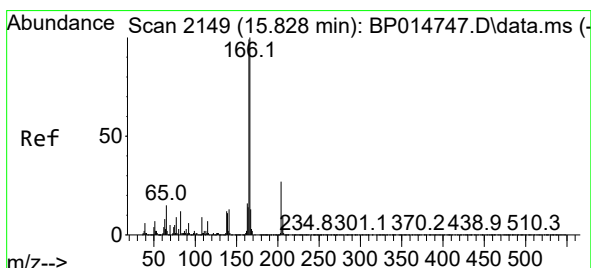
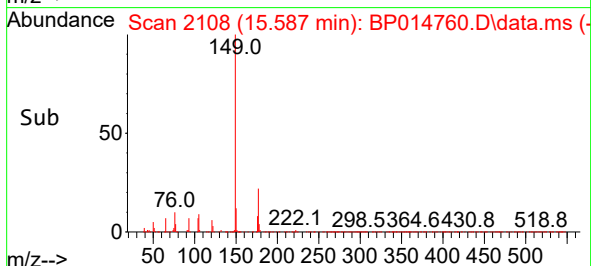
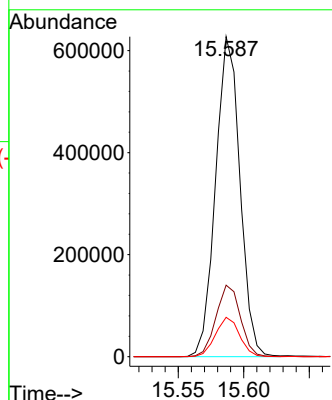
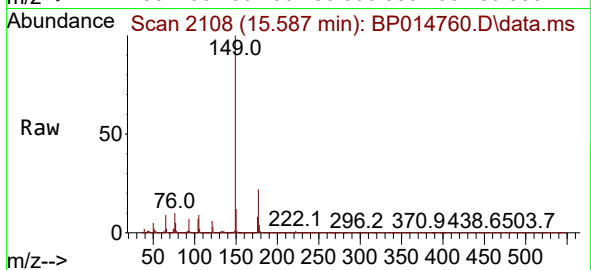
Tgt Ion:149 Resp: 808026

Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.3 9.4 14.2



#61

Fluorene

Concen: 21.795 ng/ul

RT: 15.828 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

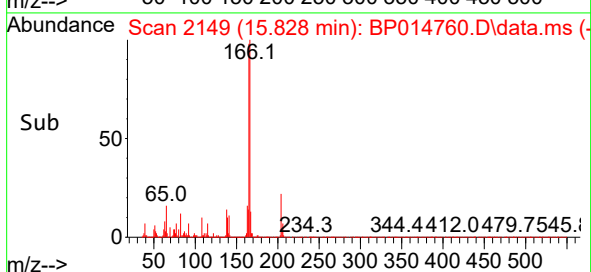
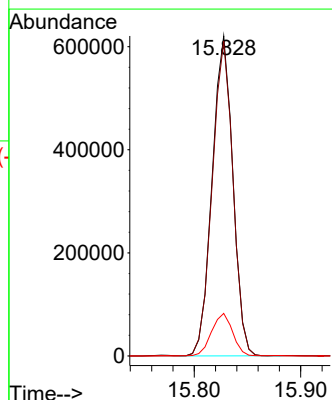
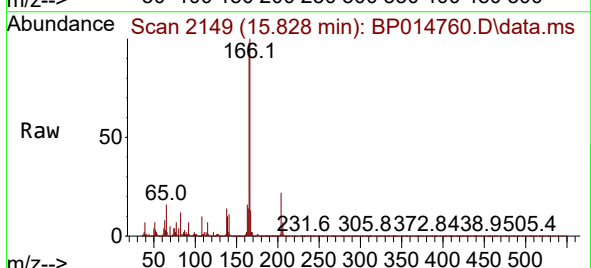
Tgt Ion:166 Resp: 837556

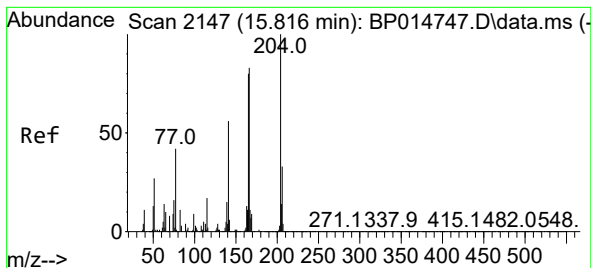
Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

167 13.3 10.5 15.7

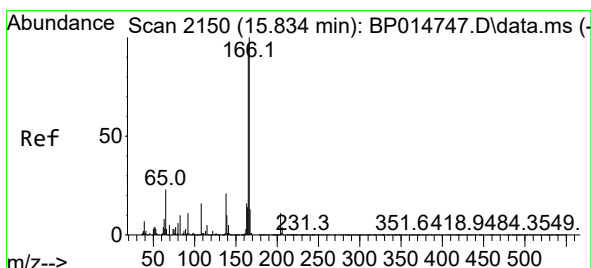
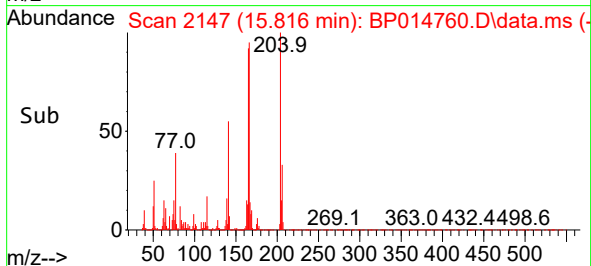
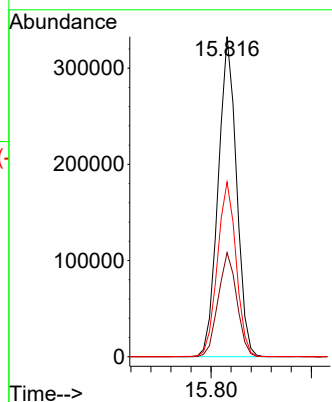
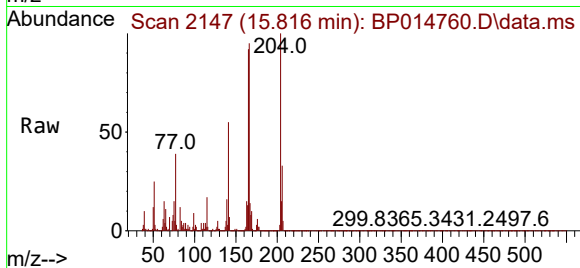




#62
4-Chlorophenyl-phenylether
Concen: 21.473 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

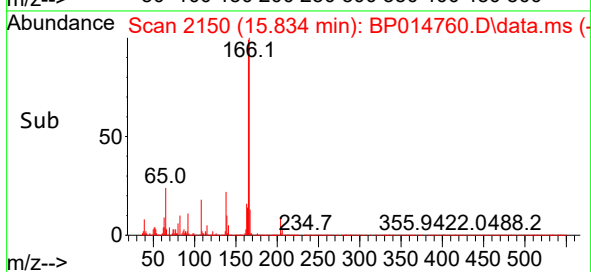
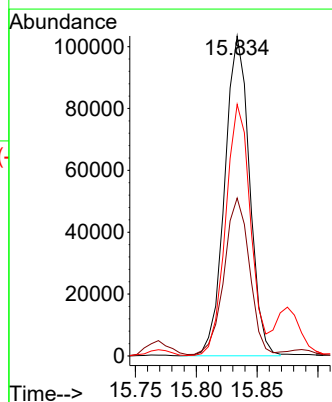
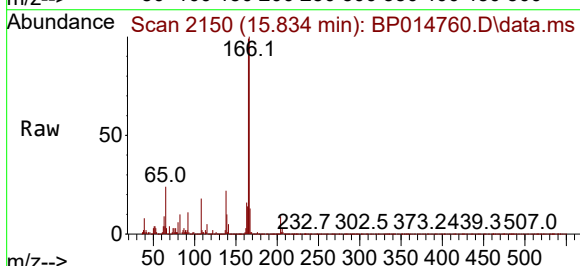
Instrument :
BNA_P
ClientSampleId :

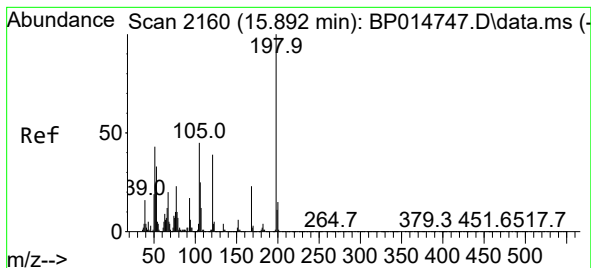
Tgt Ion:204 Resp: 421938
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 54.6 45.0 67.4



#63
4-Nitroaniline
Concen: 24.052 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:138 Resp: 146733
Ion Ratio Lower Upper
138 100
92 49.4 40.9 61.3
108 78.6 63.8 95.6

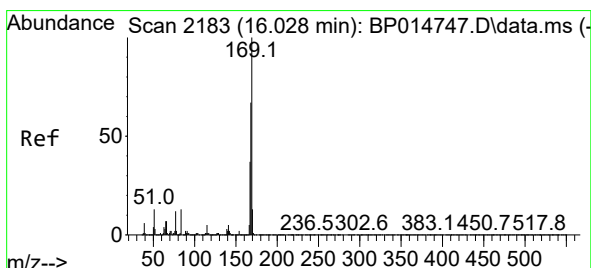
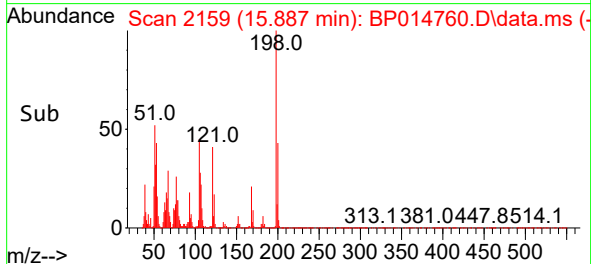
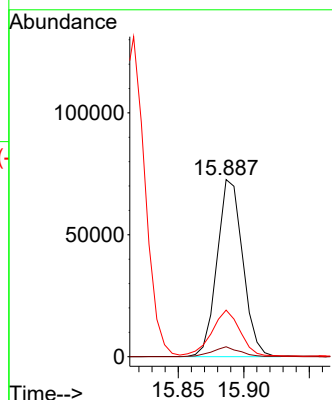
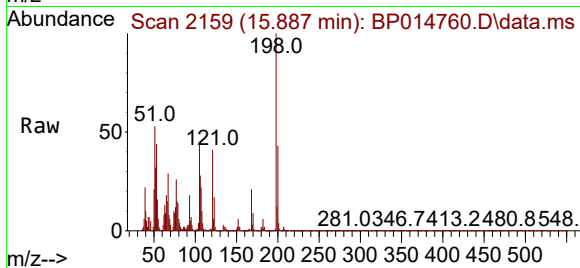




#66
4,6-Dinitro-2-methylphenol
Concen: 21.422 ng/ul
RT: 15.887 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

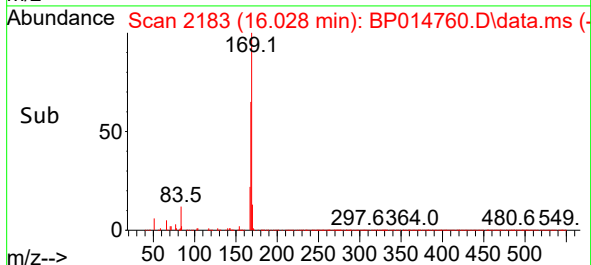
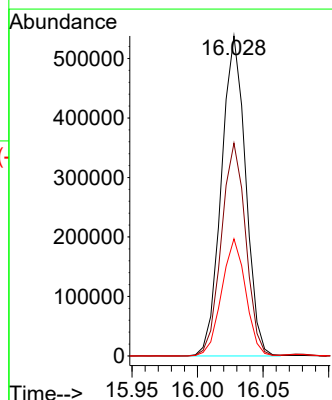
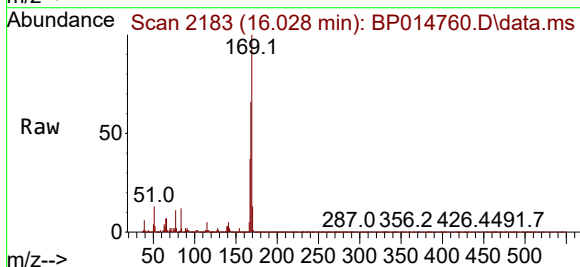
Instrument :
BNA_P
ClientSampleId :

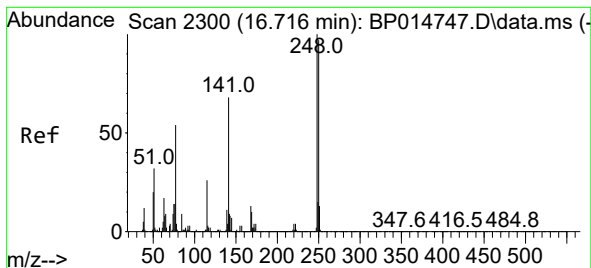
Tgt Ion:198 Resp: 99096
Ion Ratio Lower Upper
198 100
182 5.6 3.9 5.9
77 26.3 23.6 35.4



#67
N-Nitrosodiphenylamine
Concen: 21.629 ng/ul
RT: 16.028 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:169 Resp: 692056
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 36.6 29.0 43.6

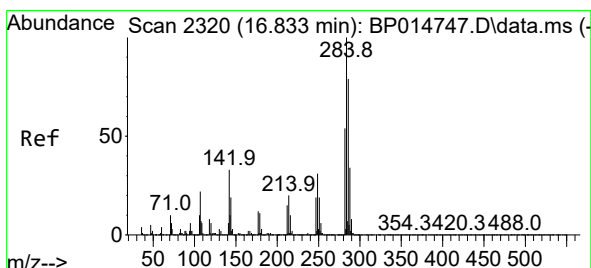
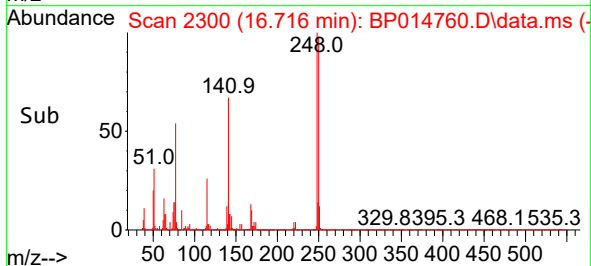
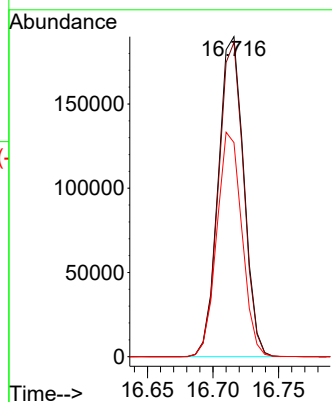
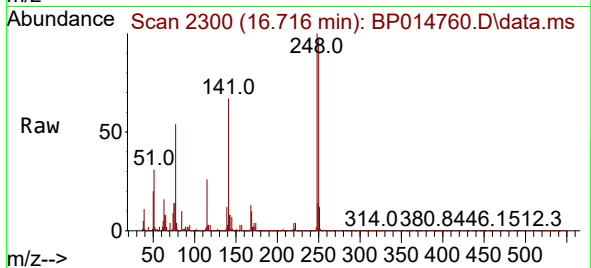




#68
4-Bromophenyl-phenylether
Concen: 21.365 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

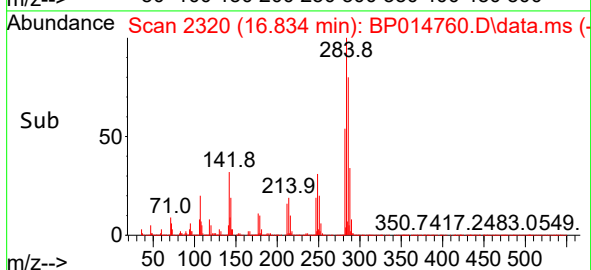
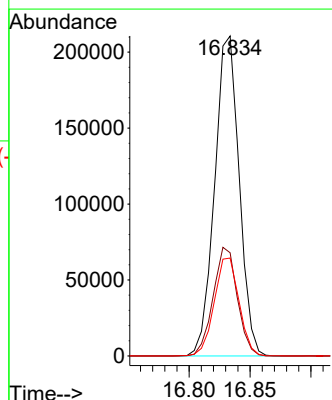
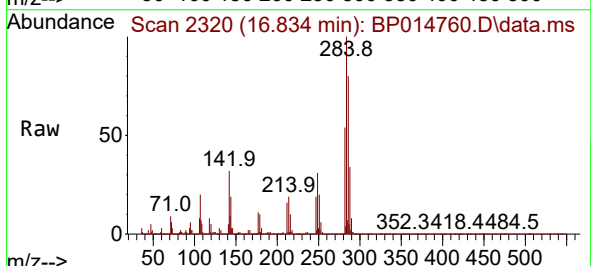
Instrument :
BNA_P
ClientSampleId :

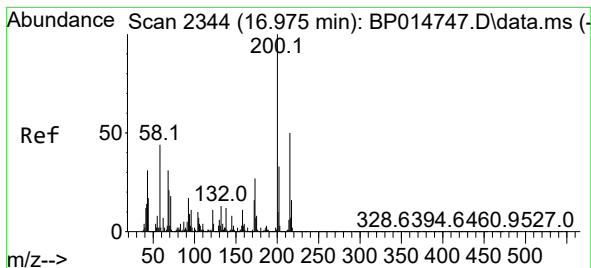
Tgt Ion:248 Resp: 257094
Ion Ratio Lower Upper
248 100
250 98.2 79.2 118.8
141 66.9 52.7 79.1



#69
Hexachlorobenzene
Concen: 21.152 ng/ul
RT: 16.834 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:284 Resp: 295327
Ion Ratio Lower Upper
284 100
142 32.3 25.1 37.7
249 30.6 25.2 37.8





#70

Atrazine

Concen: 20.832 ng/ul

RT: 16.975 min Scan# 2344

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

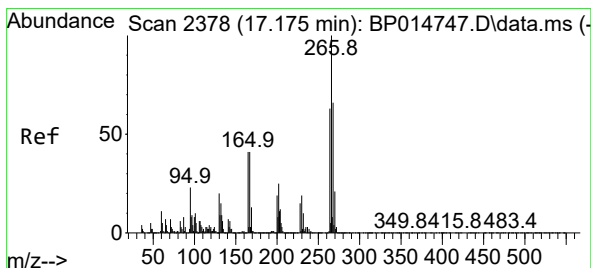
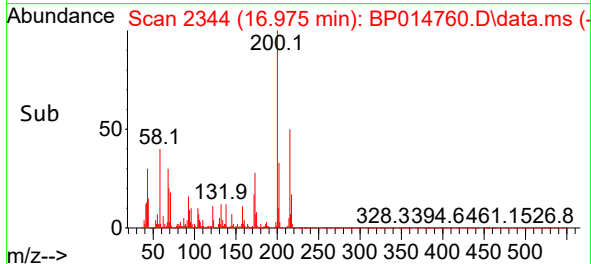
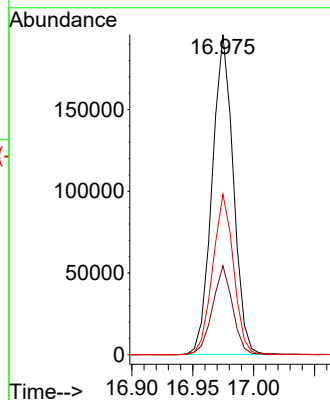
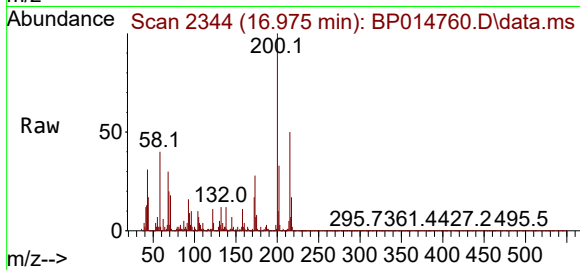
Tgt Ion:200 Resp: 236738

Ion Ratio Lower Upper

200 100

173 27.8 21.0 31.6

215 50.1 39.4 59.2



#71

Pentachlorophenol

Concen: 20.062 ng/ul

RT: 17.175 min Scan# 2378

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

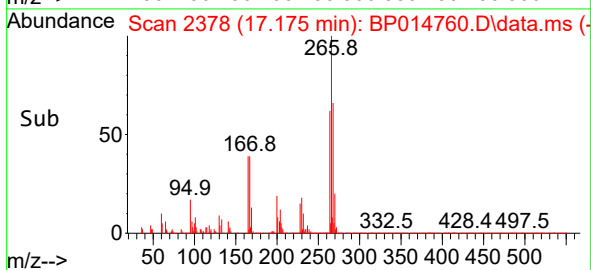
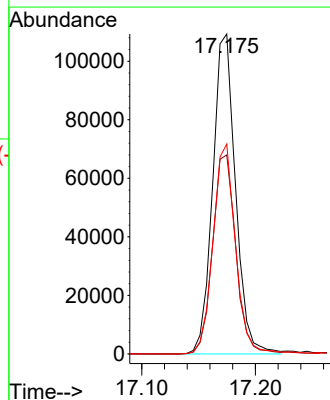
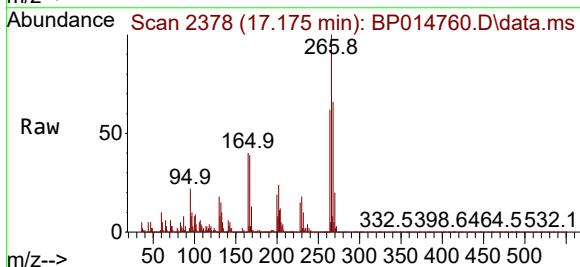
Tgt Ion:266 Resp: 152477

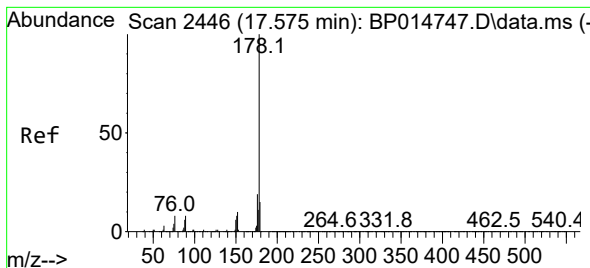
Ion Ratio Lower Upper

266 100

264 62.2 50.2 75.4

268 65.6 49.8 74.6





#72

Phenanthrene

Concen: 21.202 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

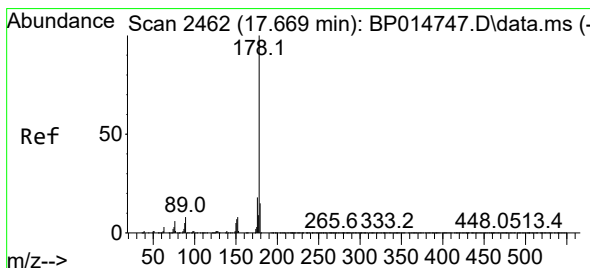
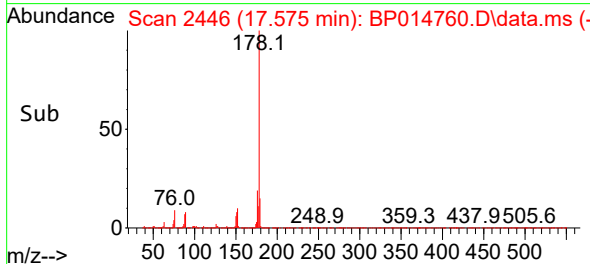
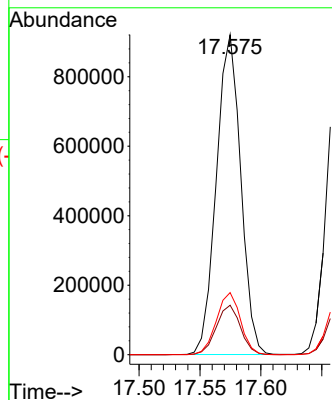
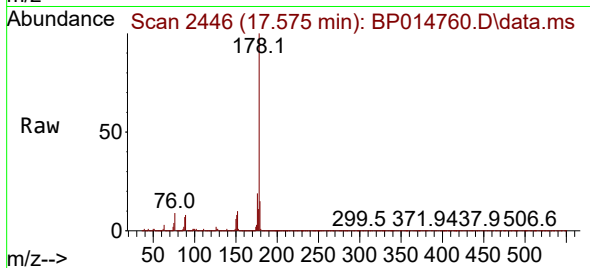
Tgt Ion:178 Resp: 1283014

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.4 15.3 22.9



#74

Anthracene

Concen: 21.579 ng/ul

RT: 17.663 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

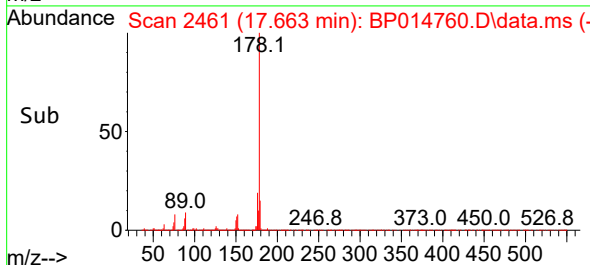
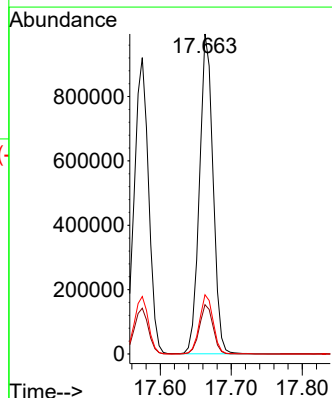
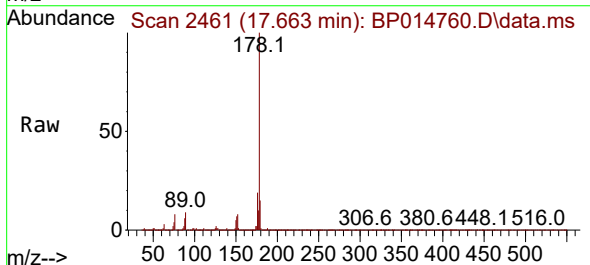
Tgt Ion:178 Resp: 1323845

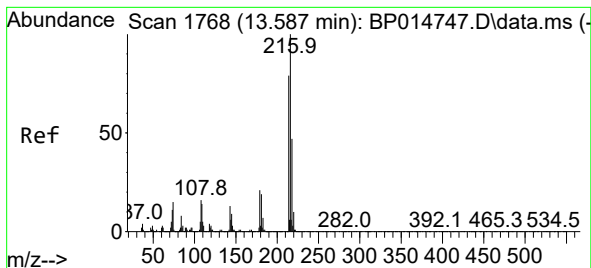
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.5 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.717 ng/uL

RT: 13.587 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

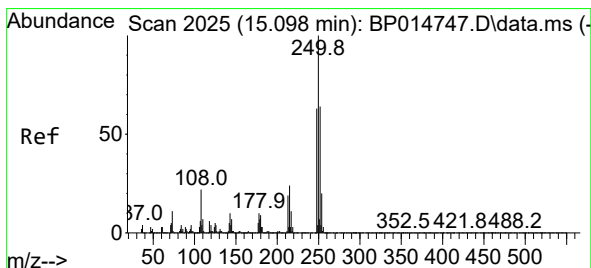
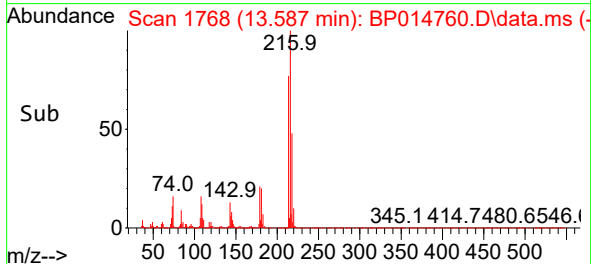
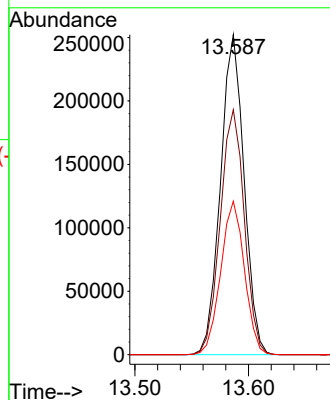
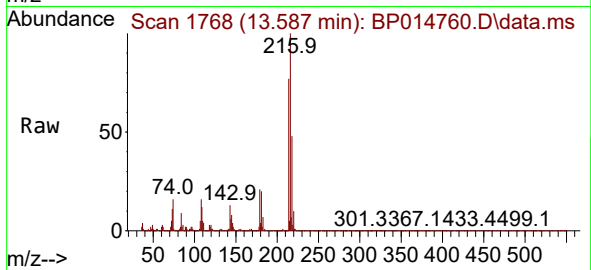
Tgt Ion:216 Resp: 364129

Ion Ratio Lower Upper

216 100

214 76.6 62.8 94.2

218 48.0 39.6 59.4



#76

Pentachlorobenzene

Concen: 21.364 ng/uL

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

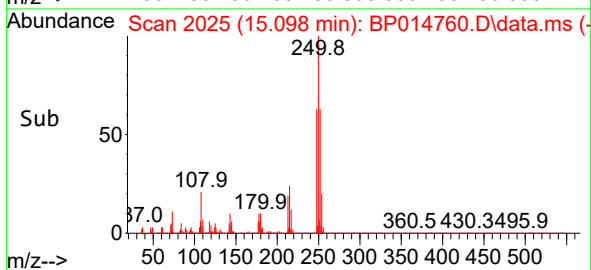
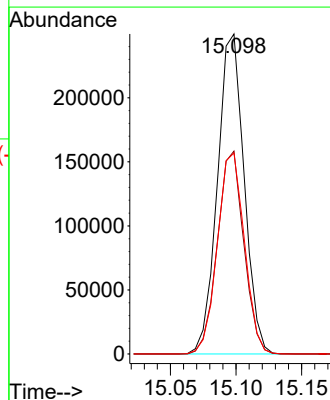
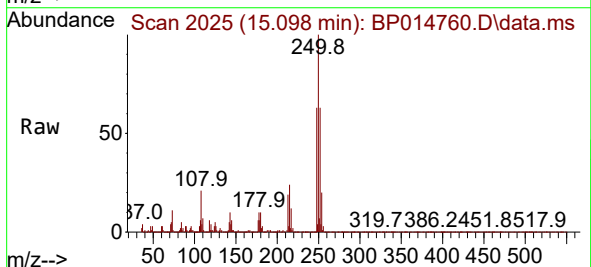
Tgt Ion:250 Resp: 353310

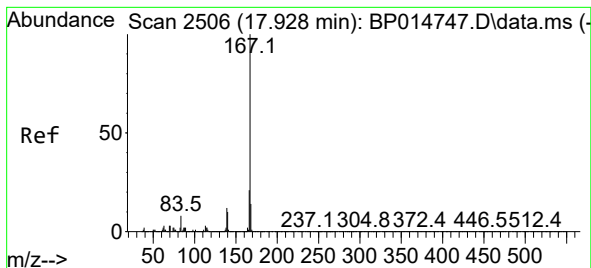
Ion Ratio Lower Upper

250 100

248 63.4 50.7 76.1

252 62.8 50.1 75.1





#77

Carbazole

Concen: 21.508 ng/ul

RT: 17.922 min Scan# 2506

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

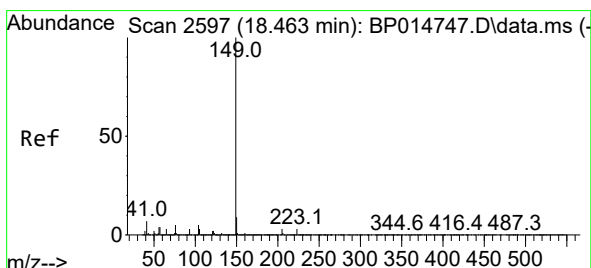
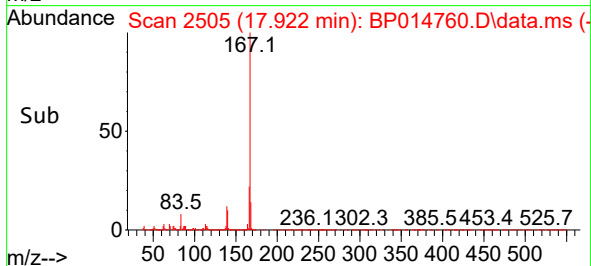
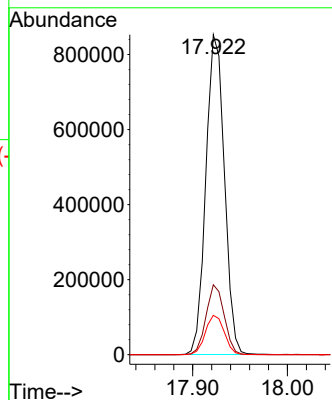
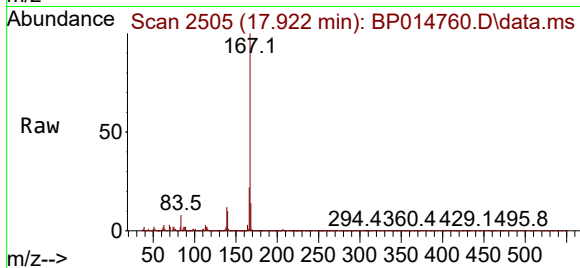
Tgt Ion:167 Resp: 1158353

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 12.3 10.2 15.2



#78

Di-n-butylphthalate

Concen: 21.308 ng/ul

RT: 18.463 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

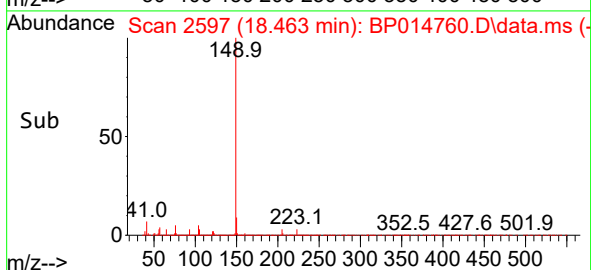
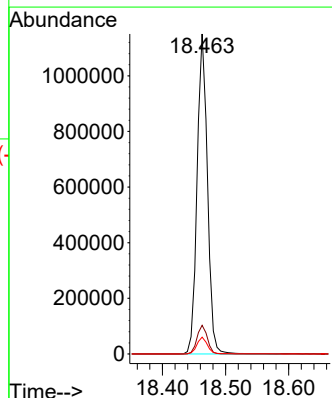
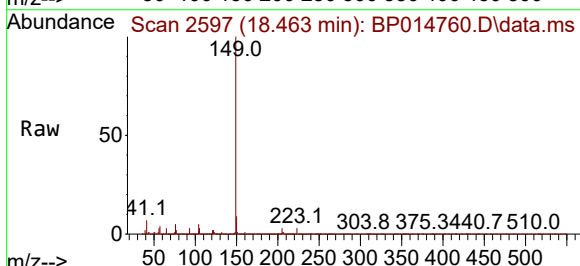
Tgt Ion:149 Resp: 1302878

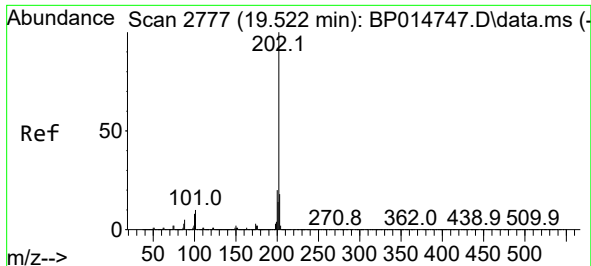
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.2 3.9 5.9

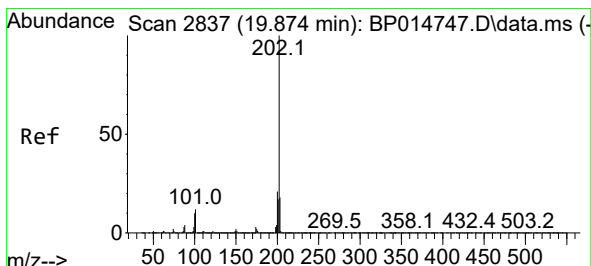
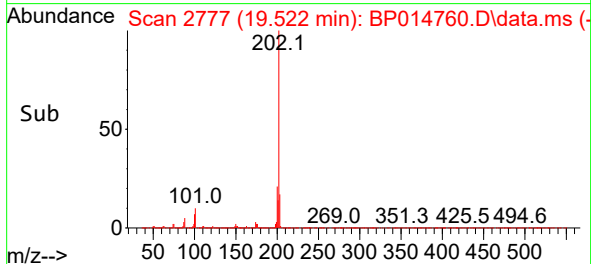
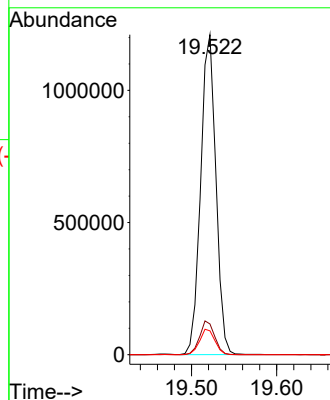
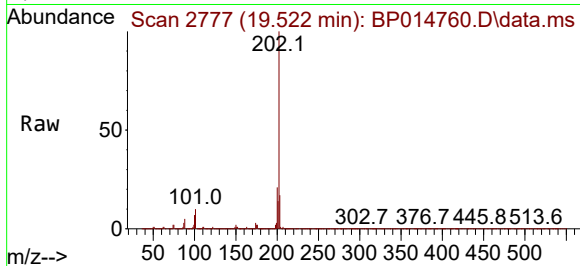




#80
Fluoranthene
Concen: 21.009 ng/ul
RT: 19.522 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

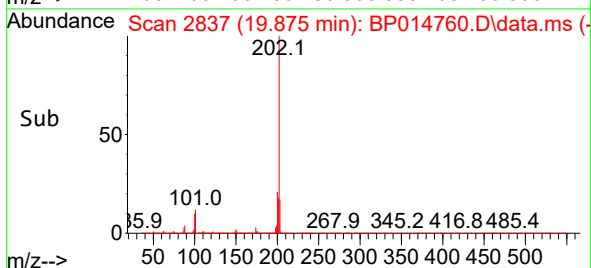
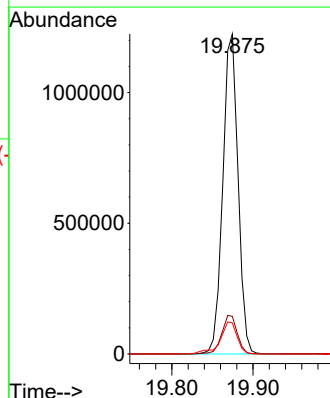
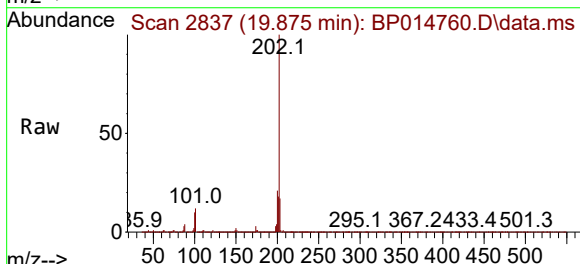
Instrument :
BNA_P
ClientSampleId :

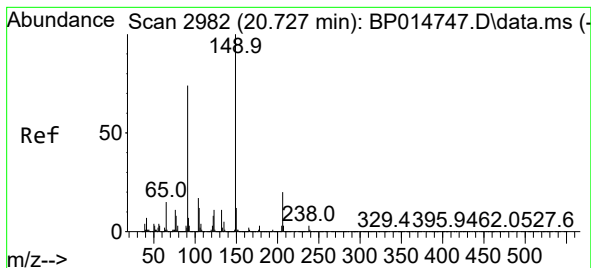
Tgt Ion:202 Resp: 1503468
Ion Ratio Lower Upper
202 100
101 9.6 8.4 12.6
100 7.4 6.4 9.6



#82
Pyrene
Concen: 21.099 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP014760.D
Acq: 20 Apr 2023 17:24

Tgt Ion:202 Resp: 1597762
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
100 9.7 8.0 12.0





#83

Butylbenzylphthalate

Concen: 22.325 ng/ul

RT: 20.727 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

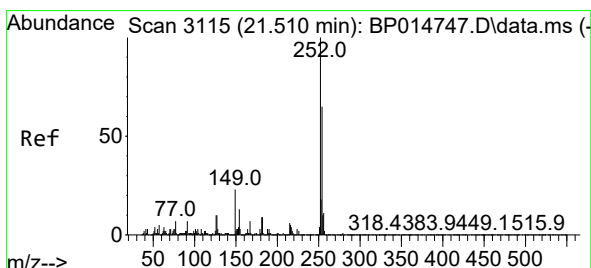
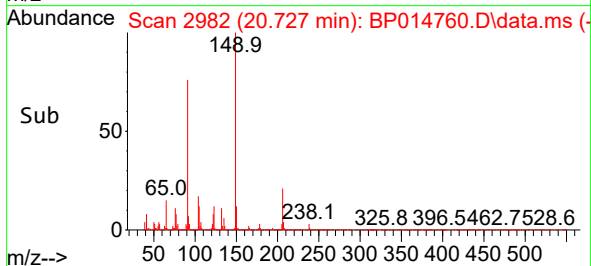
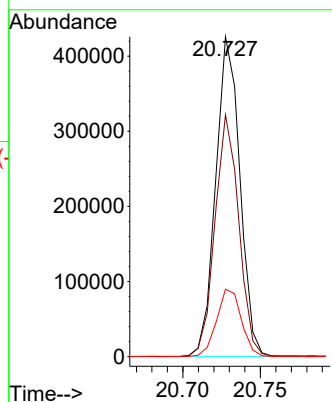
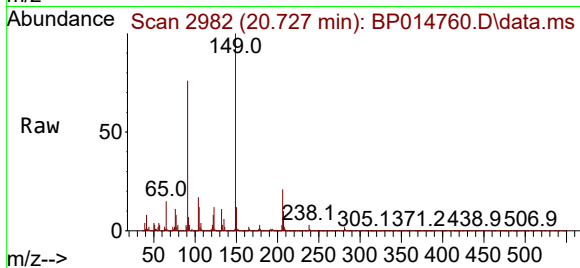
Tgt Ion:149 Resp: 461538

Ion Ratio Lower Upper

149 100

91 75.6 58.6 87.8

206 21.1 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 21.446 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

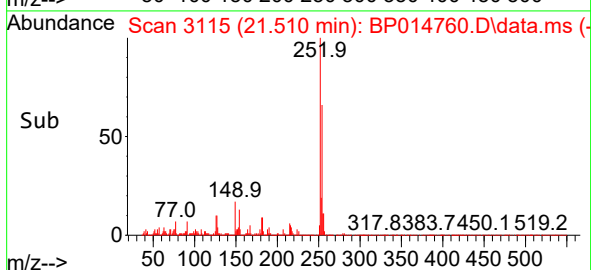
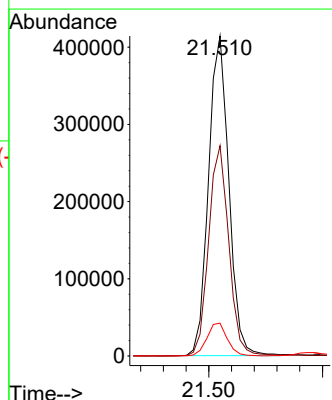
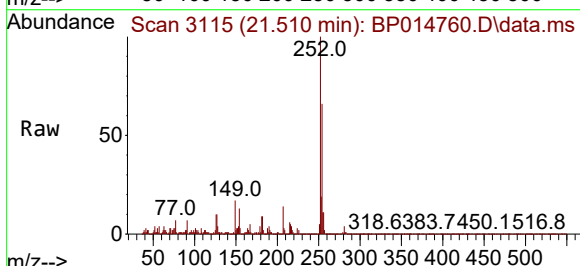
Tgt Ion:252 Resp: 515546

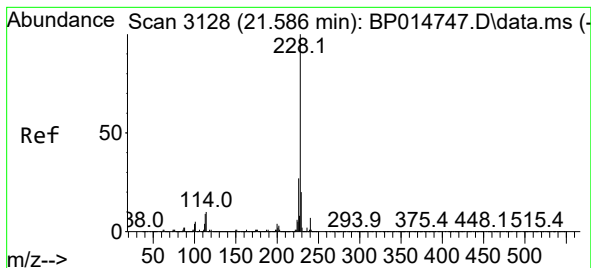
Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.2

126 10.2 8.0 12.0





#85

Benzo(a)anthracene

Concen: 21.390 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

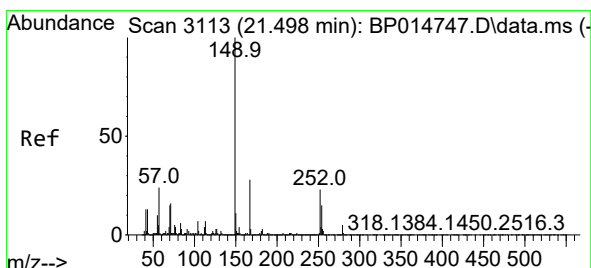
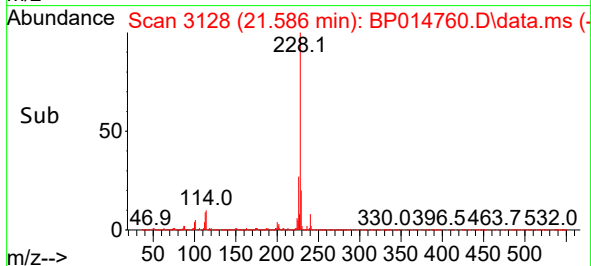
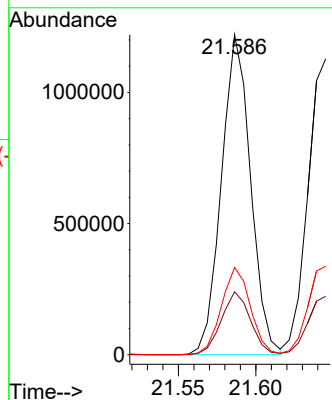
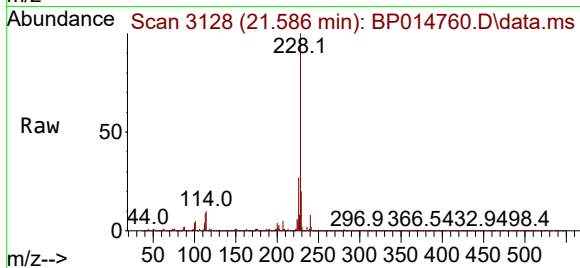
Tgt Ion:228 Resp: 1596470

Ion Ratio Lower Upper

228 100

229 19.6 15.9 23.9

226 27.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.505 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

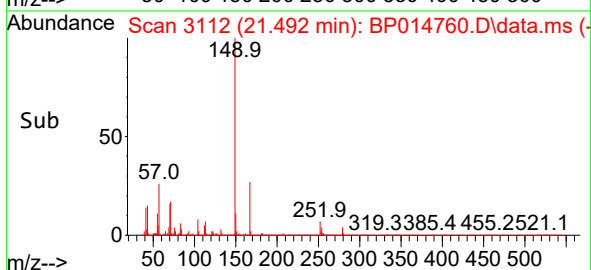
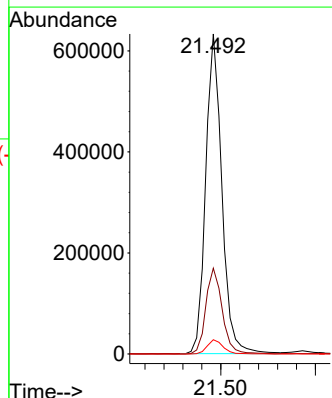
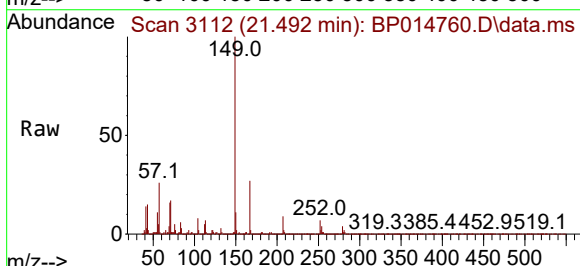
Tgt Ion:149 Resp: 749989

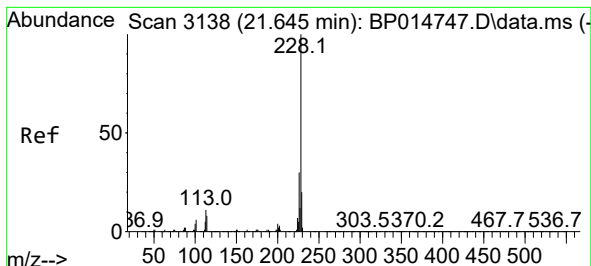
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 4.4 3.6 5.4





#87

Chrysene

Concen: 21.480 ng/ul

RT: 21.645 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

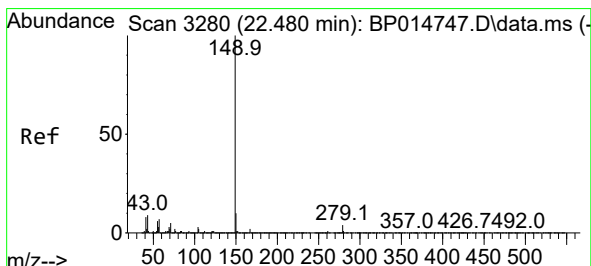
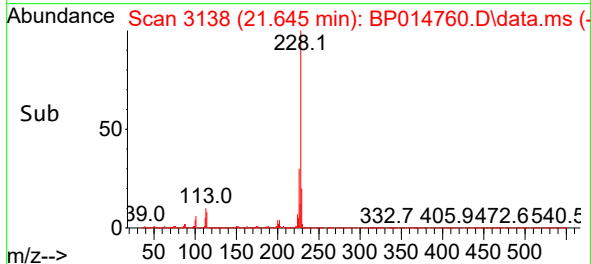
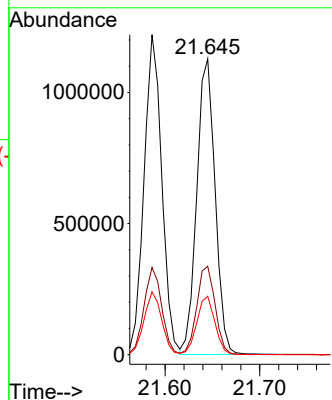
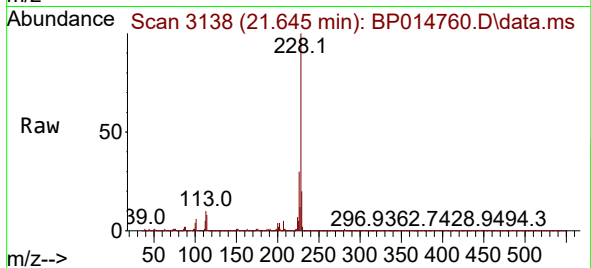
Tgt Ion:228 Resp: 1517695

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 19.640 ng/ul

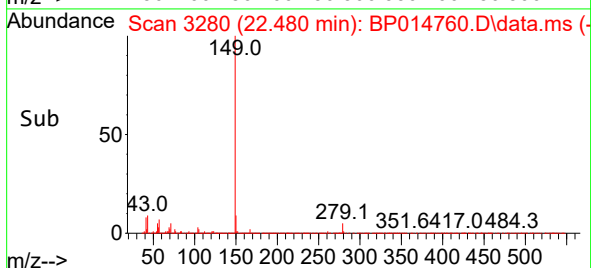
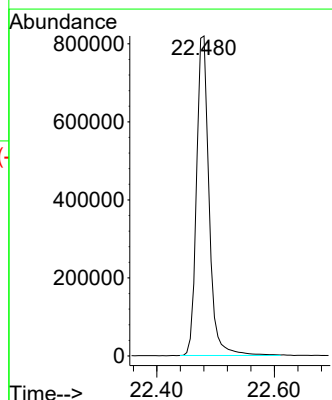
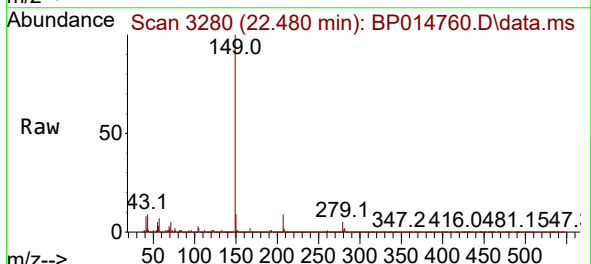
RT: 22.480 min Scan# 3280

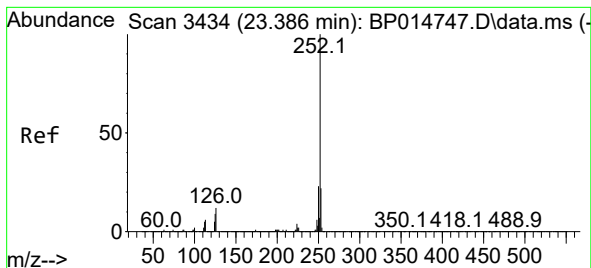
Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Tgt Ion:149 Resp: 1215257





#90

Benzo(b)fluoranthene

Concen: 21.211 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

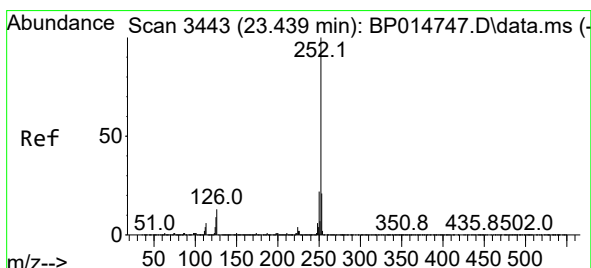
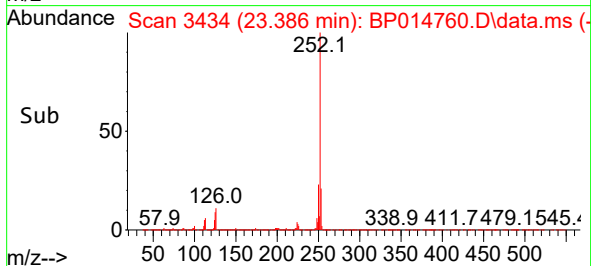
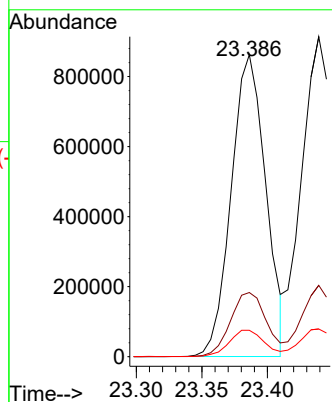
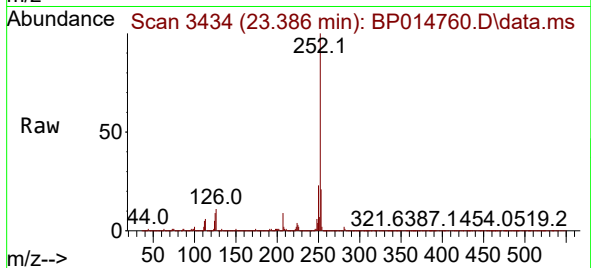
Tgt Ion:252 Resp: 1580122

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 8.7 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 21.884 ng/ul

RT: 23.439 min Scan# 3443

Delta R.T. -0.000 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

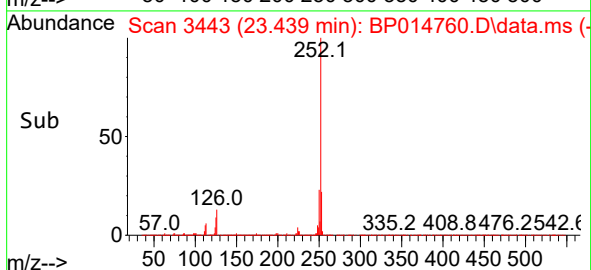
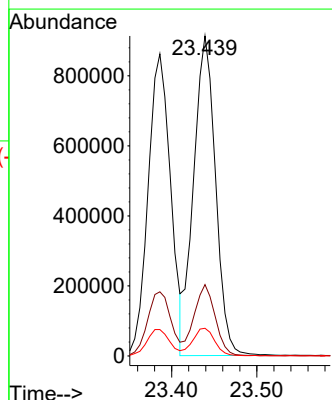
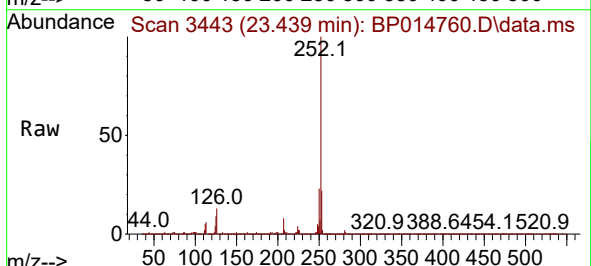
Tgt Ion:252 Resp: 1630440

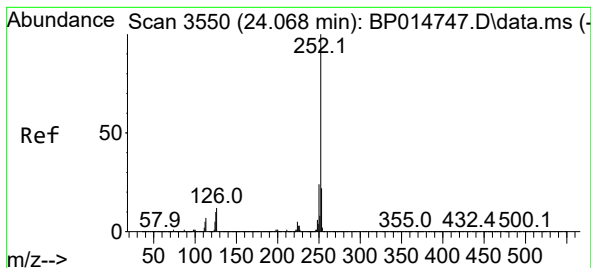
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.7 7.0 10.4





#93

Benzo(a)pyrene

Concen: 21.674 ng/ul

RT: 24.063 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

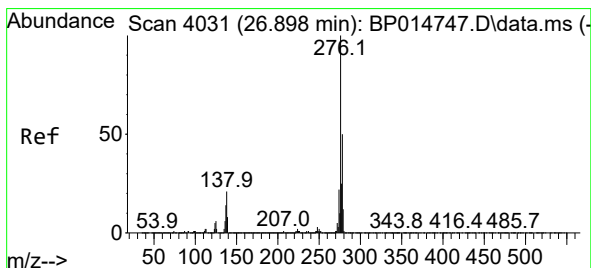
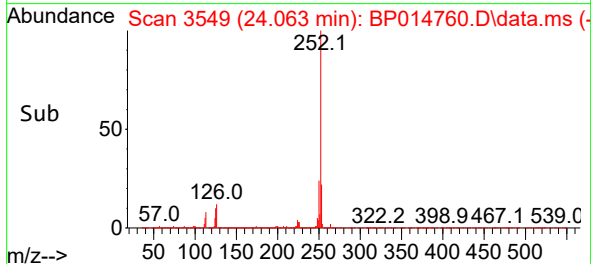
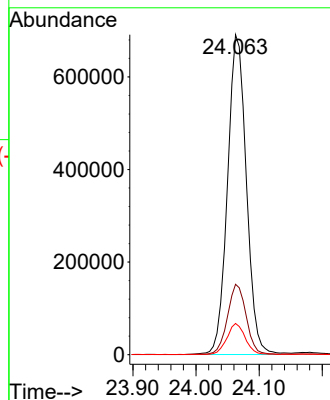
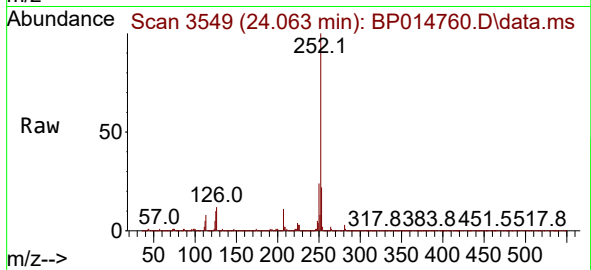
Tgt Ion:252 Resp: 1434010

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.7 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.730 ng/ul

RT: 26.898 min Scan# 4031

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

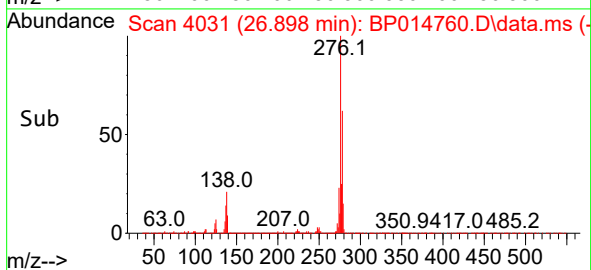
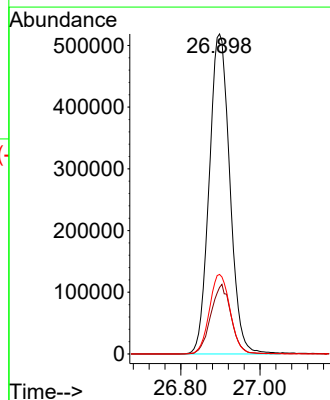
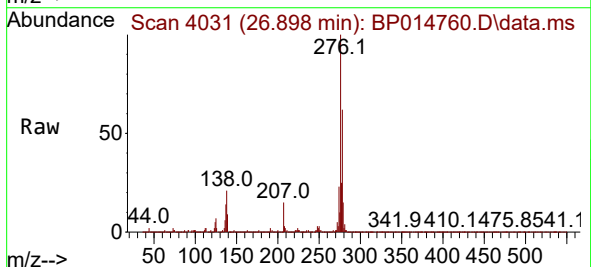
Tgt Ion:276 Resp: 1871224

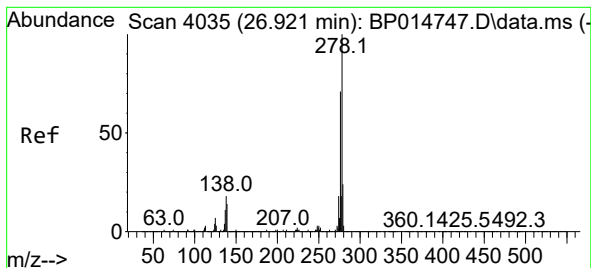
Ion Ratio Lower Upper

276 100

138 20.8 16.3 24.5

277 24.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 21.754 ng/ul

RT: 26.915 min Scan# 4035

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Instrument :

BNA_P

ClientSampleId :

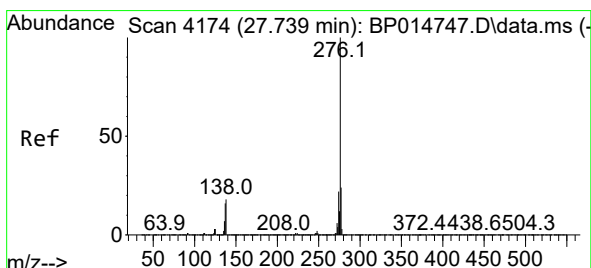
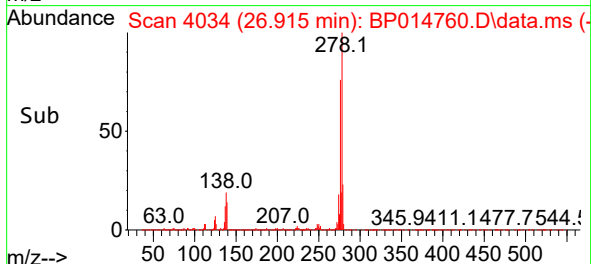
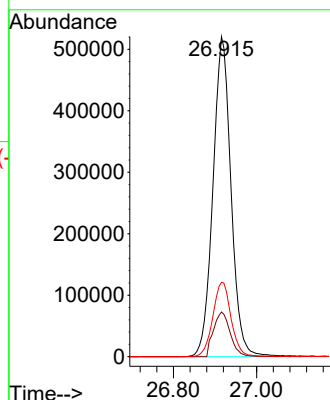
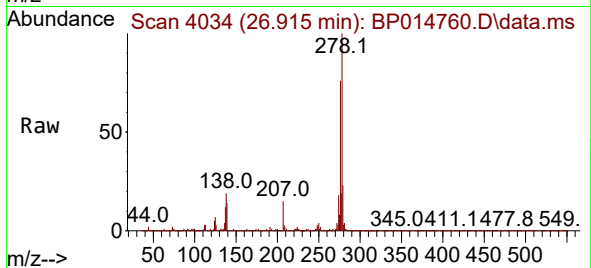
Tgt Ion:278 Resp: 1568796

Ion Ratio Lower Upper

278 100

139 14.0 11.5 17.3

279 23.3 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 21.524 ng/ul

RT: 27.733 min Scan# 4173

Delta R.T. -0.006 min

Lab File: BP014760.D

Acq: 20 Apr 2023 17:24

Tgt Ion:276 Resp: 1482420

Ion Ratio Lower Upper

276 100

138 18.1 14.3 21.5

277 23.7 19.5 29.3

