

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014755.D
 Acq On : 20 Apr 2023 14:36
 Operator : CG/JU
 Sample : PB152203BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 22:39:16 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	236650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	946251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	536113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1039111	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	951209	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1040114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	36555	6.139	ng/uL	0.00
4) Pyridine-d5	3.911	84	478080	29.491	ng/ul	0.00
7) Phenol-d5	7.287	99	609175	29.772	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	370058	29.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	486139	31.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	480639	30.132	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	220040	37.110	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	218368	40.776	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	467893	32.177	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	611369	27.546	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	1253258	29.523	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1538653	31.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	201603	29.858	ng/ul	0.00
60) Fluorene-d10	15.769	176	1073638	29.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	143237	34.063	ng/ul	0.00
73) Anthracene-d10	17.633	188	1556451	31.006	ng/ul	0.00
81) Pyrene-d10	19.845	212	1707843	31.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1768336	32.803	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	71996	11.196	ng/uL	97
5) Pyridine	3.934	79	449616	27.644	ng/ul	95
6) Benzaldehyde	7.281	77	327307	32.341	ng/ul	94
8) Phenol	7.316	94	626868	29.352	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.563	93	503558	29.079	ng/ul	98
12) 2-Chlorophenol	7.710	128	494456	31.117	ng/ul	97
13) 2-Methylphenol	8.587	108	467554	29.251	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	616265	27.873	ng/ul	98
16) Acetophenone	8.981	105	765650	28.856	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.963	70	363214	28.145	ng/ul	97
18) 4-Methylphenol	8.916	108	504412	29.041	ng/ul	98
19) Hexachloroethane	9.252	117	202272	30.219	ng/ul	97
22) Nitrobenzene	9.369	77	533757	33.129	ng/ul	97
23) Isophorone	9.893	82	1038562	28.549	ng/ul	100
25) 2-Nitrophenol	10.081	139	245026	38.520	ng/ul	99
26) 2,4-Dimethylphenol	10.134	107	521022	29.377	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.375	93	653794	29.007	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	458258	31.223	ng/ul	98
30) Naphthalene	11.034	128	1585436	29.896	ng/ul	100
32) 4-Chloroaniline	11.134	127	597174	26.560	ng/ul	99
33) Hexachlorobutadiene	11.316	225	311524	30.008	ng/ul	98
34) Caprolactam	11.893	113	117836	26.515	ng/ul	96
35) 4-Chloro-3-methylphenol	12.234	107	450808	29.390	ng/ul	98
36) 2-Methylnaphthalene	12.622	142	1021997	28.867	ng/ul	100

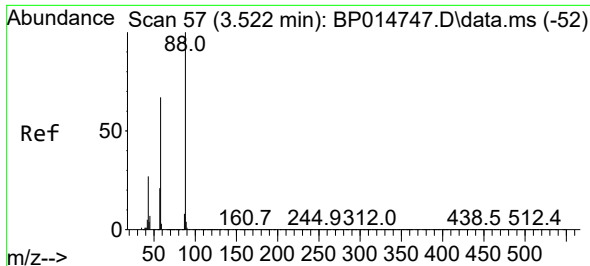
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	1032510	29.418	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	572196	31.716	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	322388	31.581	ng/ul	100
41) 2,4,6-Trichlorophenol	13.216	196	336131	32.894	ng/ul	96
42) 2,4,5-Trichlorophenol	13.287	196	367366	33.231	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	1350910	31.075	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	1064575	31.340	ng/ul	99
45) 2-Nitroaniline	13.857	65	232555	36.166	ng/ul	98
47) Dimethylphthalate	14.228	163	1228778	28.737	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	209350	35.895	ng/ul	90
50) Acenaphthylene	14.504	152	1607793	30.155	ng/ul	99
51) 3-Nitroaniline	14.675	138	205893	31.038	ng/ul#	99
52) Acenaphthene	14.845	153	1093030	30.067	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	88415	31.331	ng/ul	95
55) 4-Nitrophenol	14.963	109	159423	28.783	ng/ul	94
56) Dibenzofuran	15.181	168	1504591	29.407	ng/ul	97
57) 2,4-Dinitrotoluene	15.128	165	295474	34.528	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.398	232	286927	30.565	ng/ul	95
59) Diethylphthalate	15.592	149	1168350	28.160	ng/ul	99
61) Fluorene	15.828	166	1227952	29.402	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.816	204	618125	28.944	ng/ul	100
63) 4-Nitroaniline	15.839	138	220828	33.306	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	150032	33.514	ng/ul#	90
67) N-Nitrosodiphenylamine	16.028	169	988216	31.915	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	367668	31.571	ng/ul	98
69) Hexachlorobenzene	16.833	284	421816	31.217	ng/ul	98
70) Atrazine	16.975	200	218443	19.863	ng/ul	99
71) Pentachlorophenol	17.175	266	216696	29.461	ng/ul	97
72) Phenanthrene	17.575	178	1777056	30.344	ng/ul	100
74) Anthracene	17.663	178	1790704	30.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	557628	34.366	ng/ul	99
76) Pentachlorobenzene	15.098	250	530254	33.132	ng/ul	99
77) Carbazole	17.928	167	1549840	29.736	ng/ul	99
78) Di-n-butylphthalate	18.463	149	1785713	30.178	ng/ul	100
80) Fluoranthene	19.522	202	1968510	31.051	ng/ul	99
82) Pyrene	19.875	202	2070661	30.866	ng/ul	99
83) Butylbenzylphthalate	20.727	149	643894	35.157	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.510	252	623214	29.264	ng/ul	98
85) Benzo(a)anthracene	21.586	228	2009440	30.391	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1030396	33.352	ng/ul	99
87) Chrysene	21.645	228	1931861	30.863	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1698617	30.184	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	2095745	30.931	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	2135126	31.509	ng/ul	100
93) Benzo(a)pyrene	24.068	252	1895037	31.493	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	2546761	32.518	ng/ul	98
95) Dibenzo(a,h)anthracene	26.921	278	2121359	32.344	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	2030345	32.414	ng/ul	99

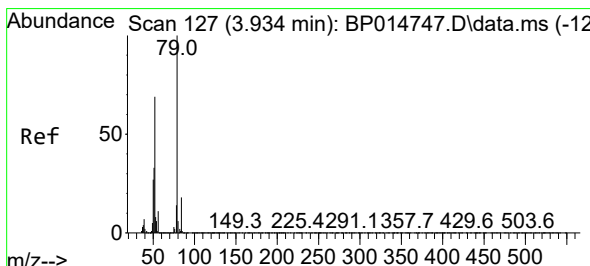
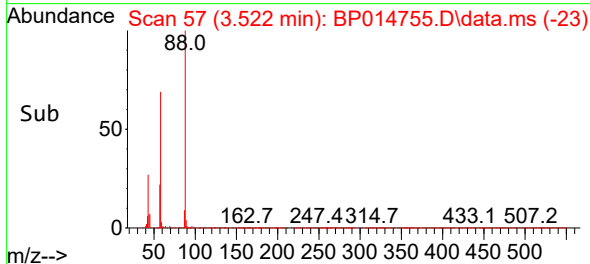
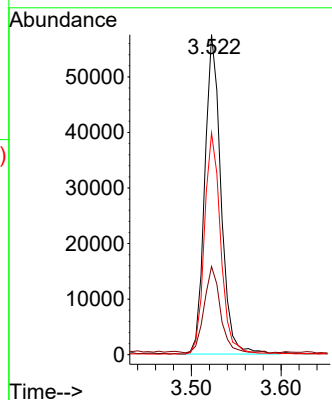
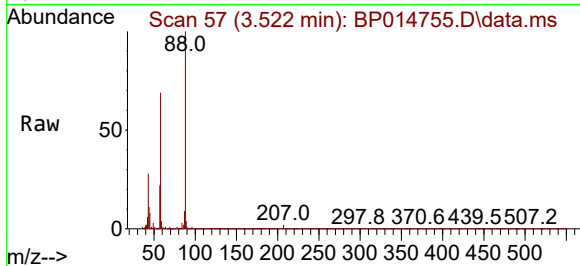
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#2
 1,4-Dioxane
 Concen: 11.196 ng/uL
 RT: 3.522 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BP014755.D
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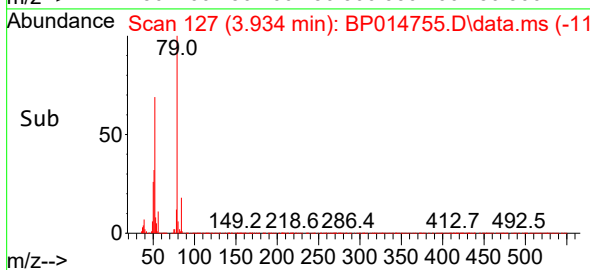
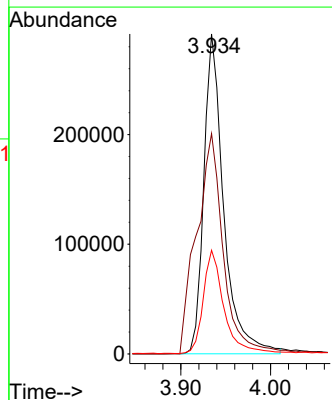
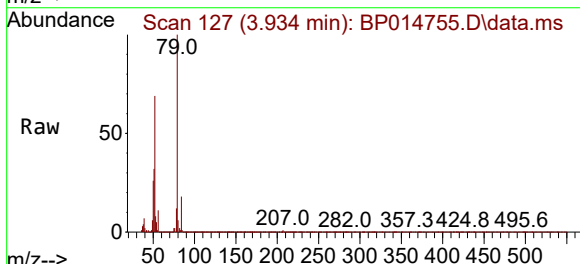
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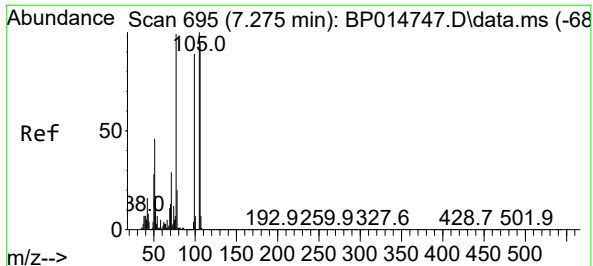
Tgt Ion: 88 Resp: 71996
 Ion Ratio Lower Upper
 88 100
 43 27.5 25.0 37.6
 58 69.3 54.9 82.3



#5
 Pyridine
 Concen: 27.644 ng/uL
 RT: 3.934 min Scan# 127
 Delta R.T. -0.000 min
 Lab File: BP014755.D
 Acq: 20 Apr 2023 14:36

Tgt Ion: 79 Resp: 449616
 Ion Ratio Lower Upper
 79 100
 52 68.8 58.3 87.5
 51 32.4 27.8 41.6

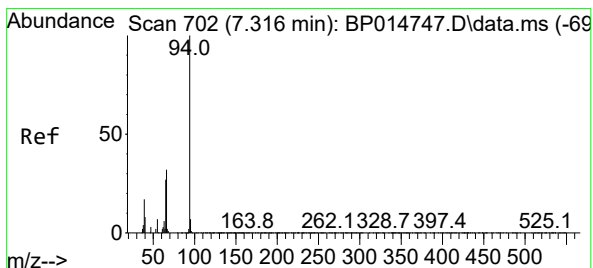
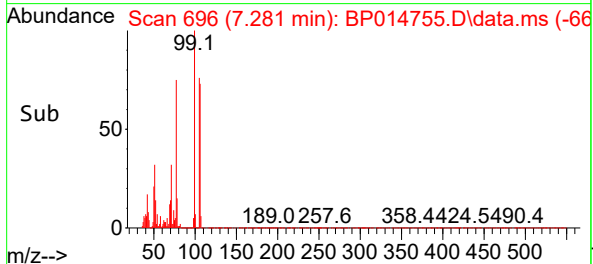
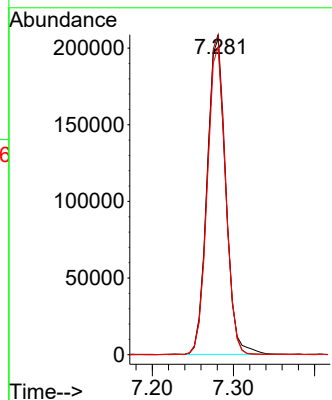
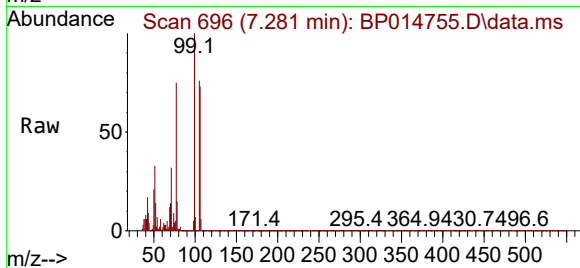




#6
Benzaldehyde
Concen: 32.341 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

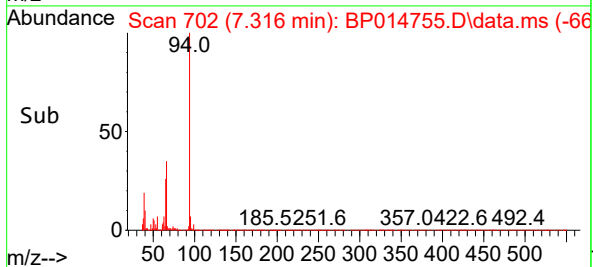
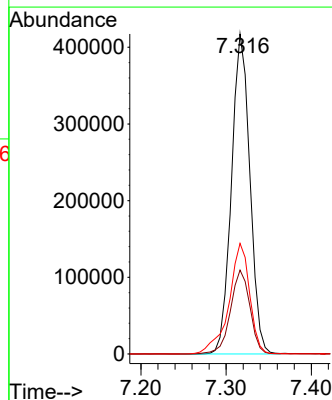
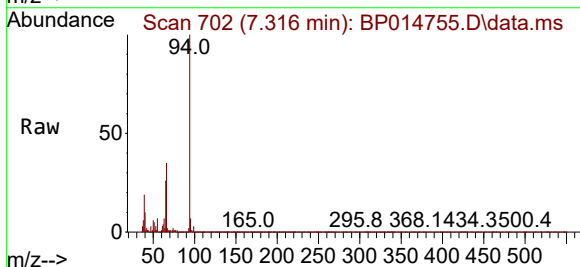
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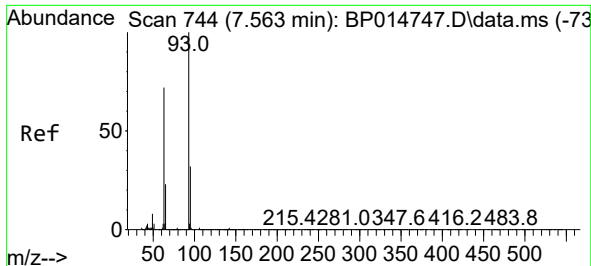
Tgt Ion: 77 Resp: 327307
Ion Ratio Lower Upper
77 100
105 101.2 76.6 114.8
106 97.3 73.3 109.9



#8
Phenol
Concen: 29.352 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion: 94 Resp: 626868
Ion Ratio Lower Upper
94 100
65 26.2 21.4 32.0
66 34.5 29.2 43.8

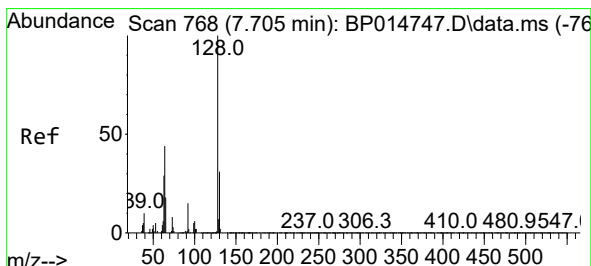
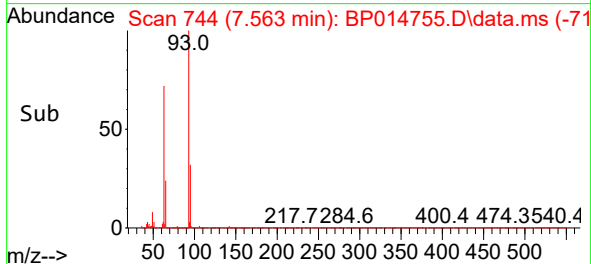
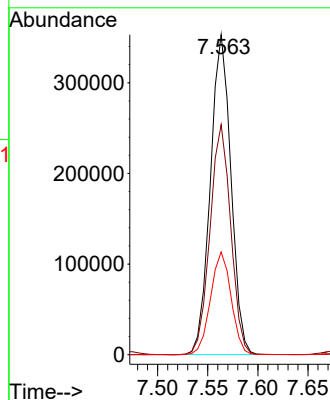
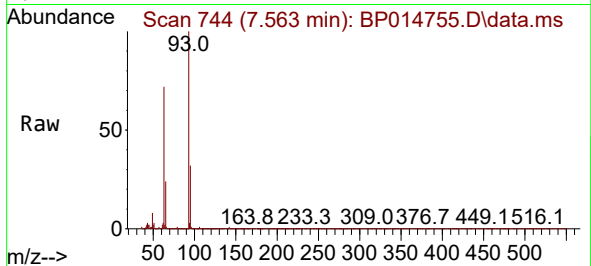




#10
Bis(2-Chloroethyl)ether
Concen: 29.079 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

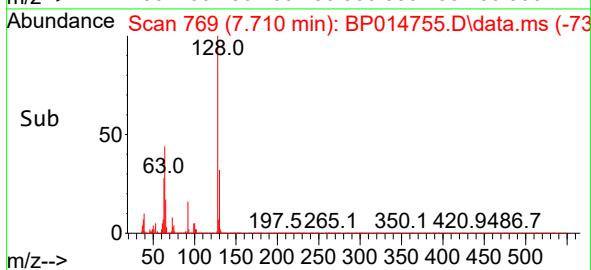
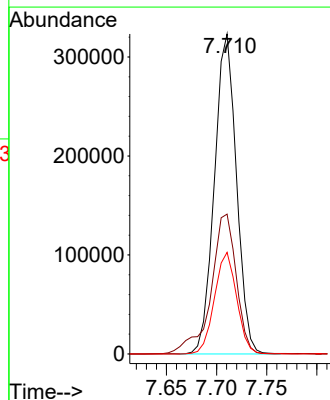
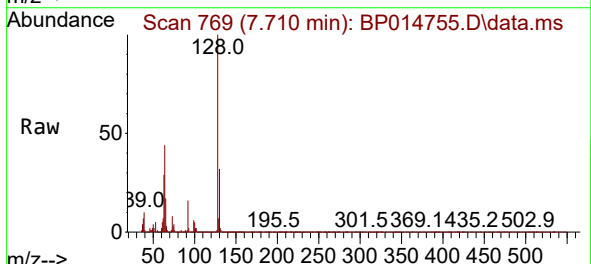
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ClientSampleId :

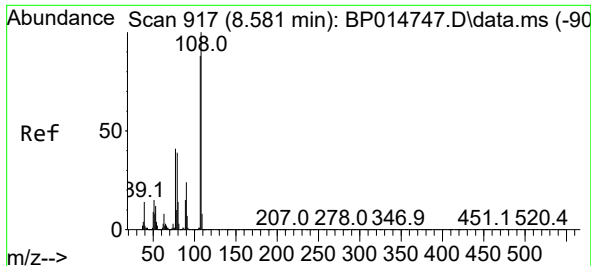
Tgt Ion: 93 Resp: 503558
Ion Ratio Lower Upper
93 100
63 71.9 59.1 88.7
95 32.1 25.1 37.7



#12
2-Chlorophenol
Concen: 31.117 ng/ul
RT: 7.710 min Scan# 769
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:128 Resp: 494456
Ion Ratio Lower Upper
128 100
64 43.7 37.5 56.3
130 31.8 25.8 38.6





#13

2-Methylphenol

Concen: 29.251 ng/ul

RT: 8.587 min Scan# 917

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

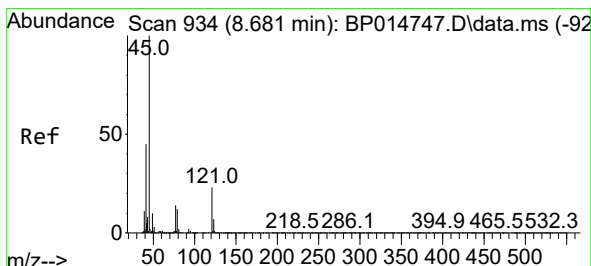
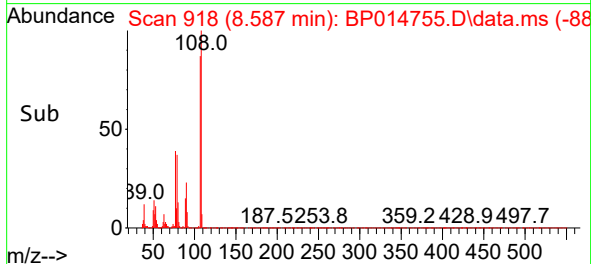
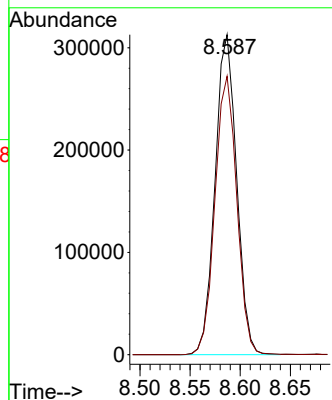
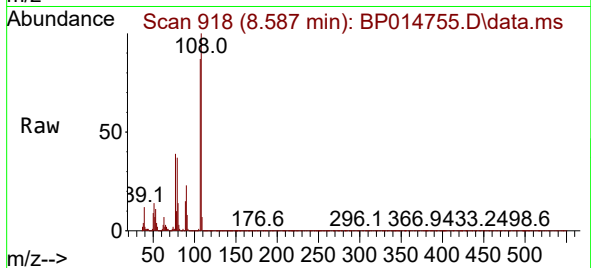
ClientSampleId :

Tgt Ion:108 Resp: 467554

Ion Ratio Lower Upper

108 100

107 87.0 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.873 ng/ul

RT: 8.681 min Scan# 934

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

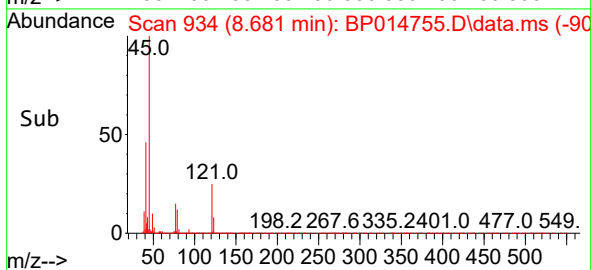
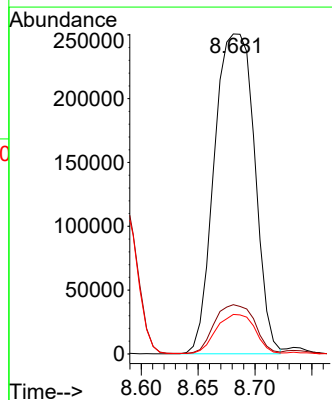
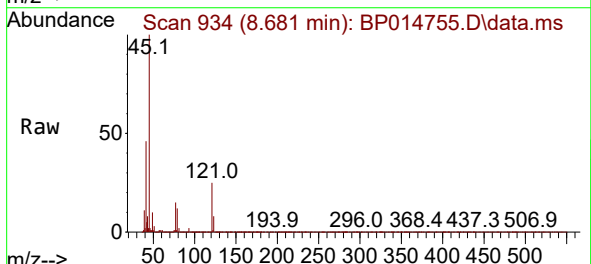
Tgt Ion: 45 Resp: 616265

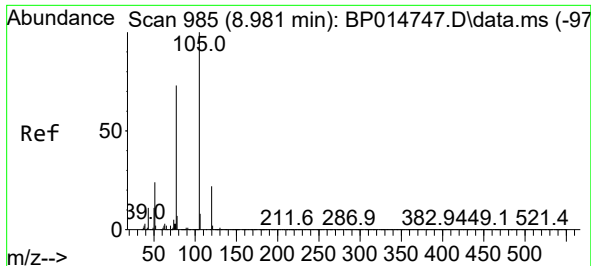
Ion Ratio Lower Upper

45 100

77 15.4 11.6 17.4

79 12.4 9.2 13.8

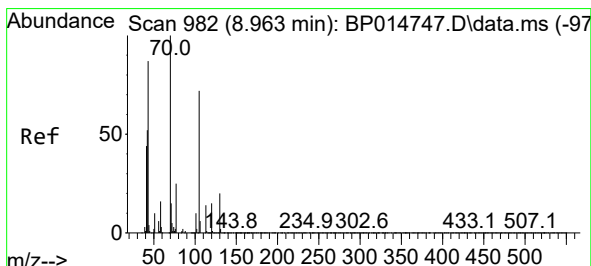
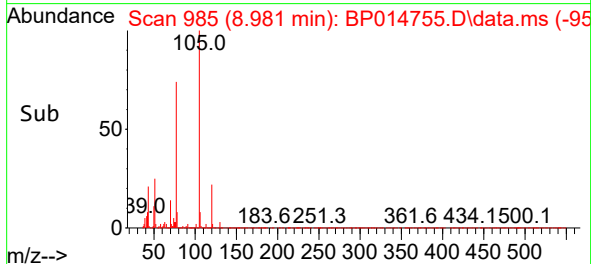
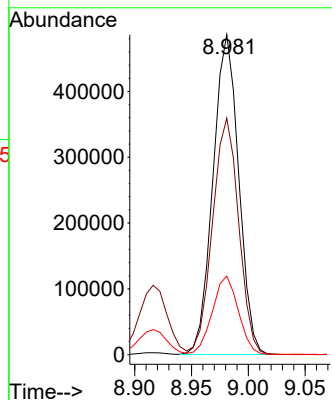
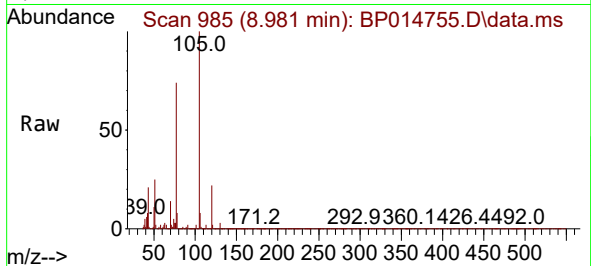




#16
Acetophenone
Concen: 28.856 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

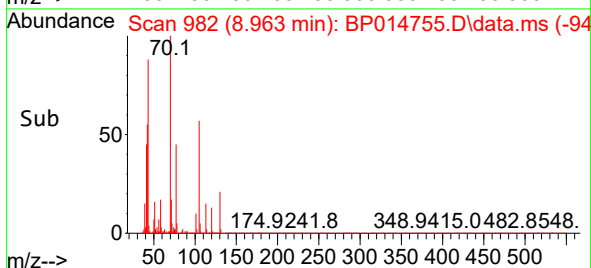
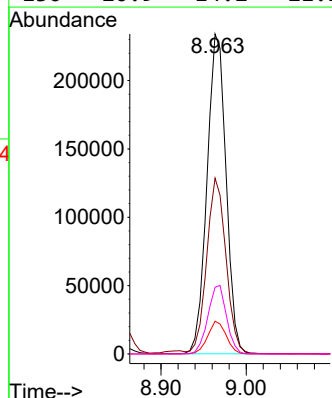
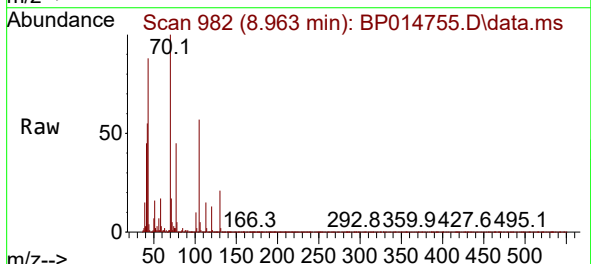
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BNA_P
ClientSampleId :

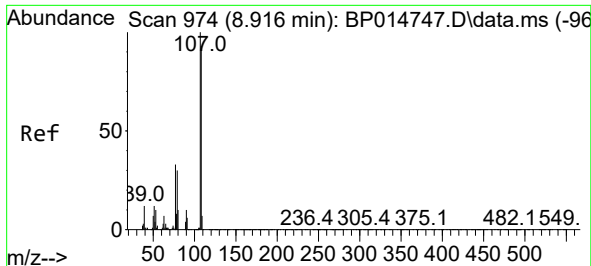
Tgt Ion:105 Resp: 765650
Ion Ratio Lower Upper
105 100
77 73.9 60.6 91.0
51 24.6 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 28.145 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion: 70 Resp: 363214
Ion Ratio Lower Upper
70 100
42 54.9 42.9 64.3
101 10.3 7.6 11.4
130 20.9 14.2 21.2

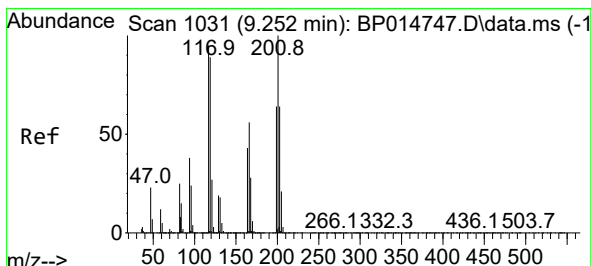
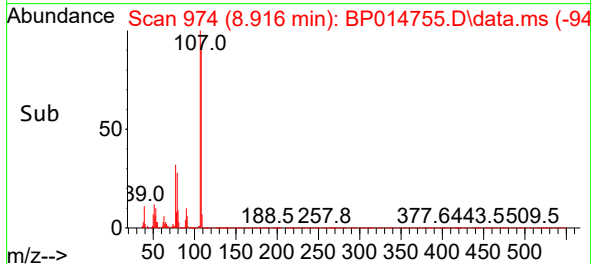
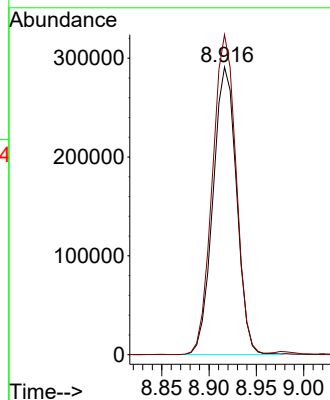
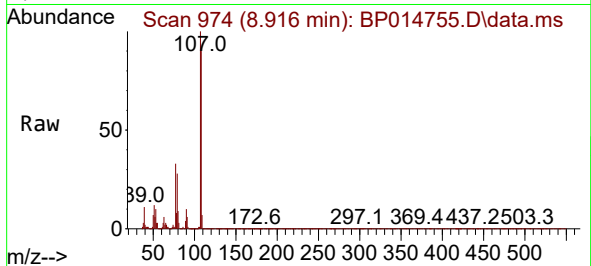




#18
4-Methylphenol
Concen: 29.041 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

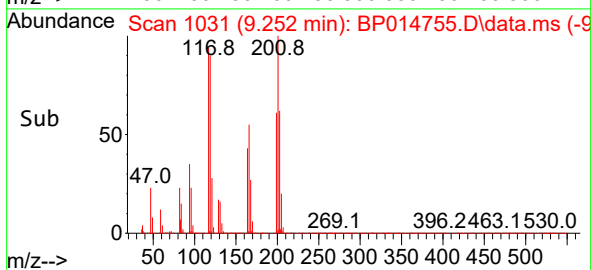
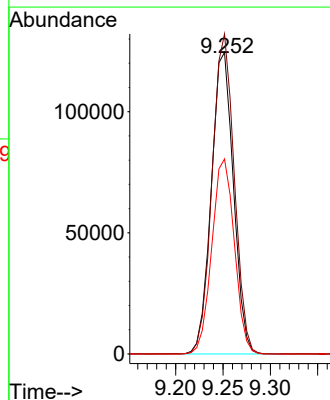
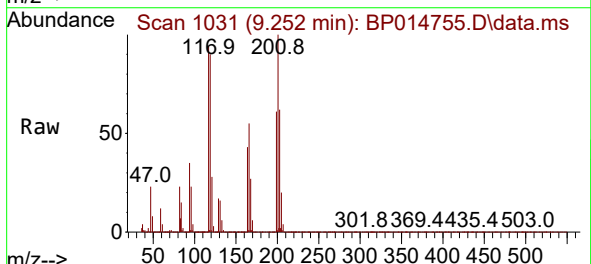
Instrument :
BNA_P
ClientSampleId :

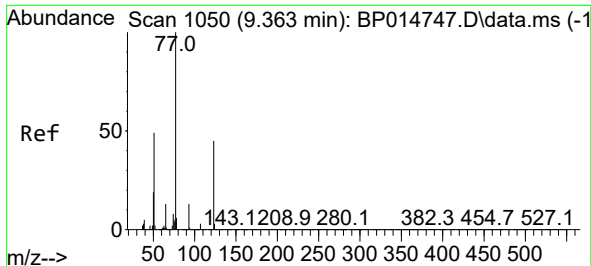
Tgt Ion:108 Resp: 504412
Ion Ratio Lower Upper
108 100
107 111.2 90.8 136.2



#19
Hexachloroethane
Concen: 30.219 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:117 Resp: 202272
Ion Ratio Lower Upper
117 100
201 106.1 81.0 121.4
199 64.6 51.5 77.3

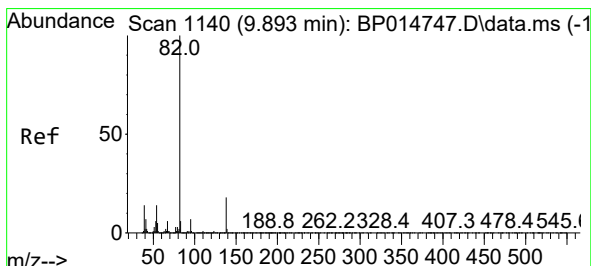
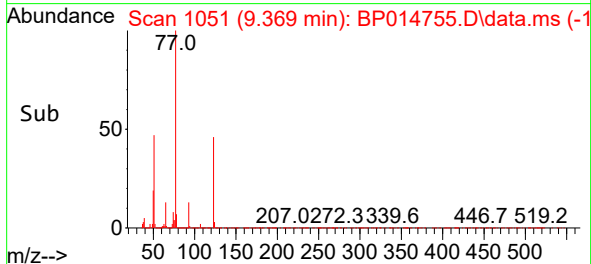
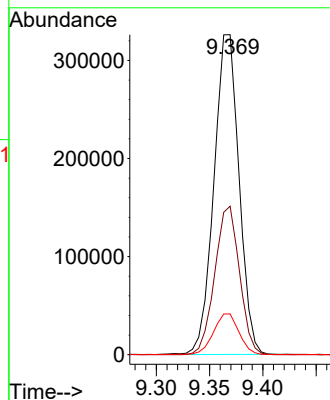
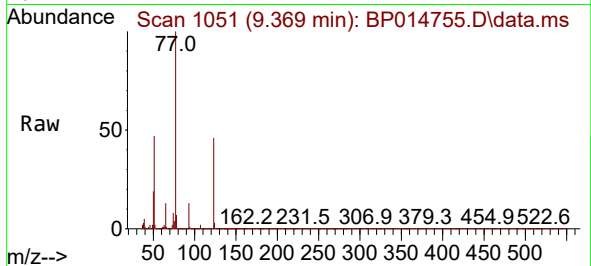




#22
Nitrobenzene
Concen: 33.129 ng/ul
RT: 9.369 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

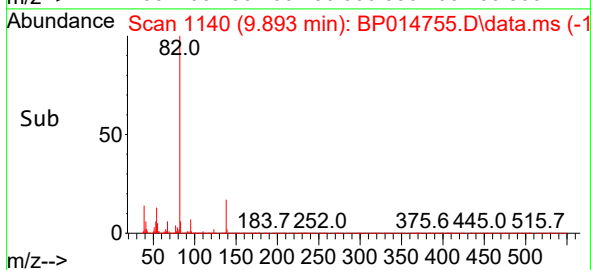
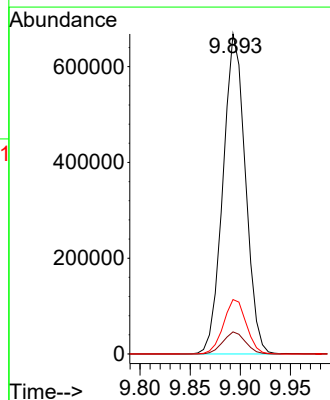
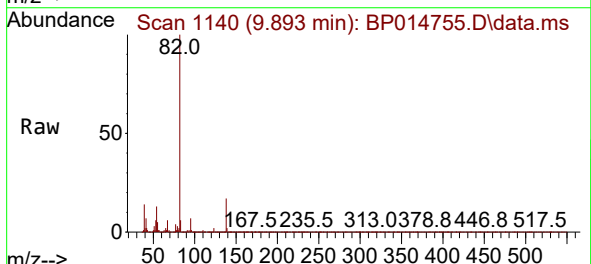
Instrument :
BNA_P
ClientSampleId :

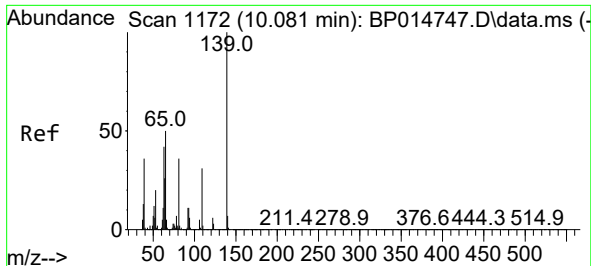
Tgt Ion: 77 Resp: 533757
Ion Ratio Lower Upper
77 100
123 46.4 35.4 53.2
65 12.7 10.8 16.2



#23
Isophorone
Concen: 28.549 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion: 82 Resp: 1038562
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 17.0 13.6 20.4

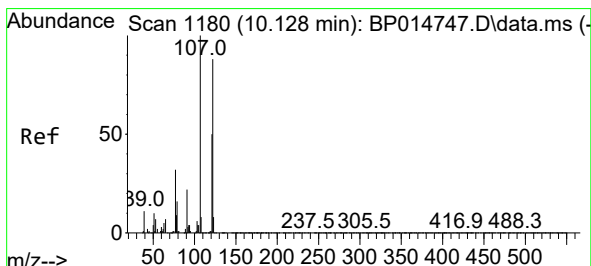
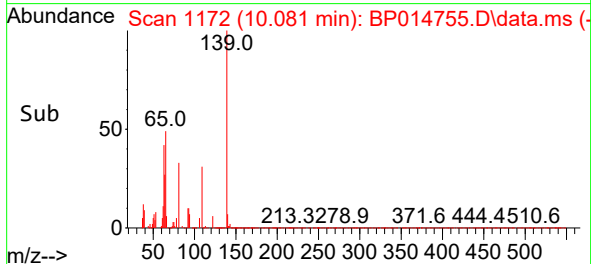
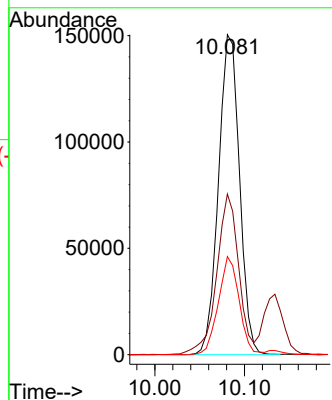
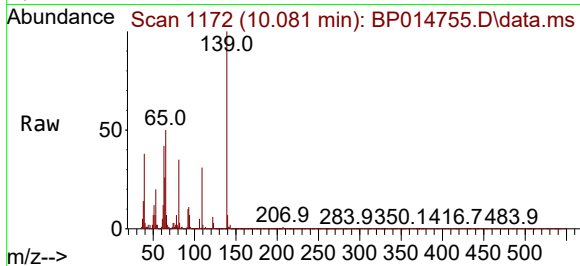




#25
2-Nitrophenol
Concen: 38.520 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

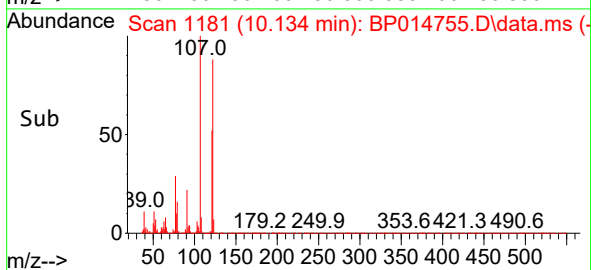
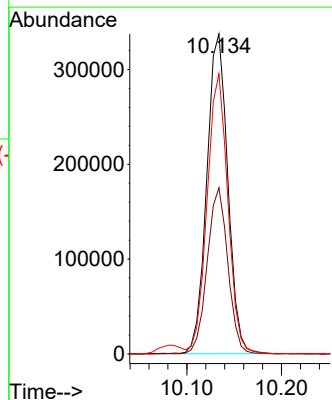
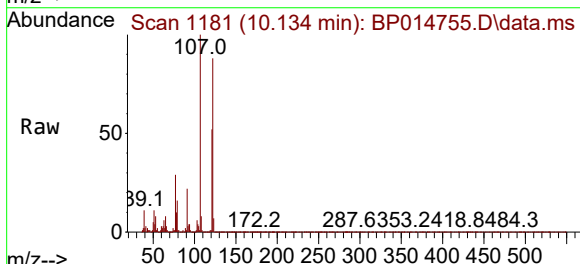
Instrument :
BNA_P
ClientSampleId :

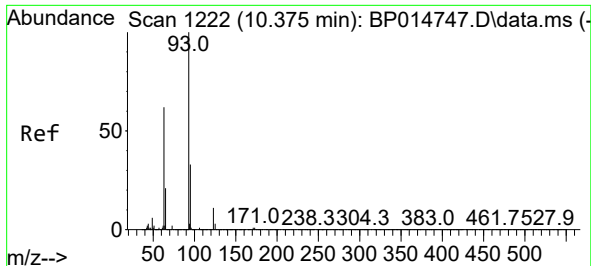
Tgt Ion:139 Resp: 245026
Ion Ratio Lower Upper
139 100
65 50.2 39.4 59.2
109 30.7 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 29.377 ng/ul
RT: 10.134 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:107 Resp: 521022
Ion Ratio Lower Upper
107 100
121 52.0 40.2 60.2
122 87.5 69.2 103.8

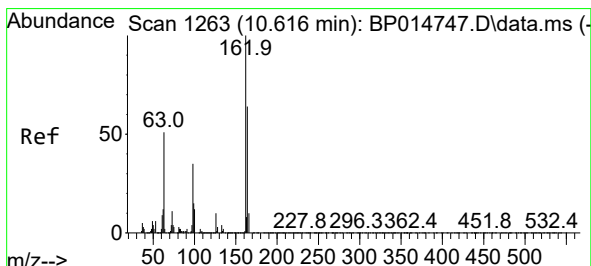
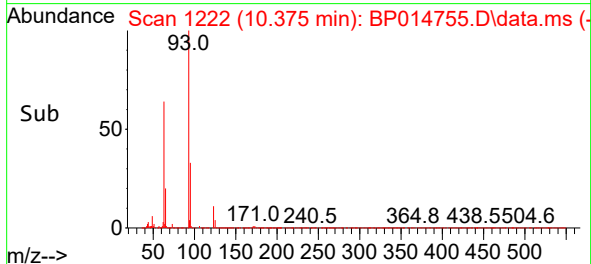
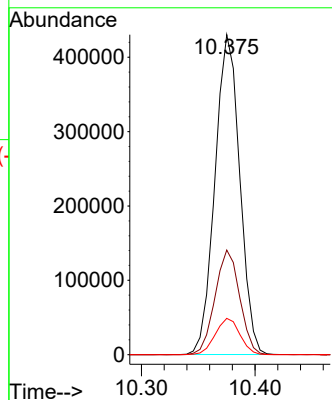
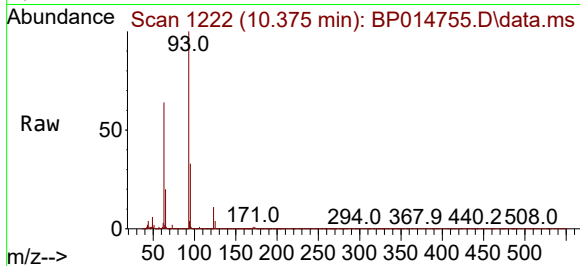




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.007 ng/ul
 RT: 10.375 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: BP014755.D
 Acq: 20 Apr 2023 14:36

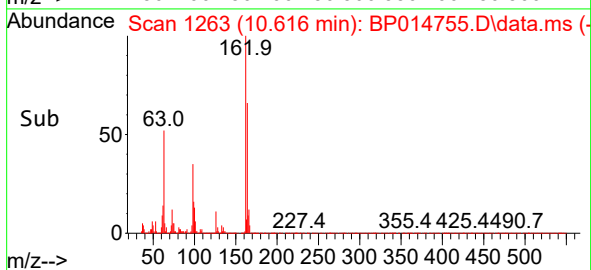
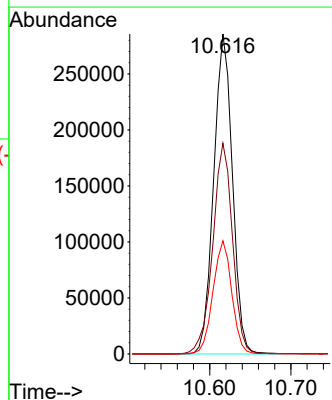
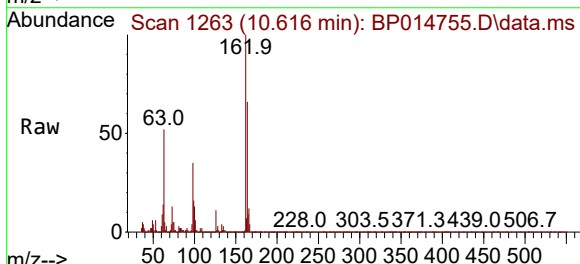
Instrument :
 BNA_P
 ClientSampleId :

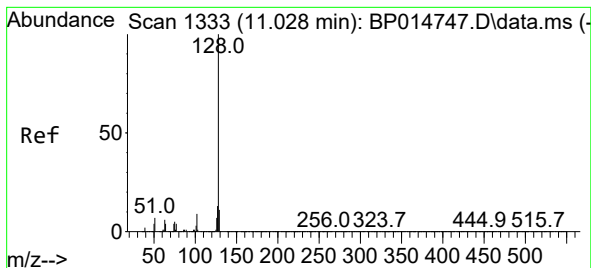
Tgt Ion: 93 Resp: 653794
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.9 38.9
 123 11.4 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 31.223 ng/ul
 RT: 10.616 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BP014755.D
 Acq: 20 Apr 2023 14:36

Tgt Ion: 162 Resp: 458258
 Ion Ratio Lower Upper
 162 100
 164 65.8 50.6 76.0
 98 35.3 28.8 43.2

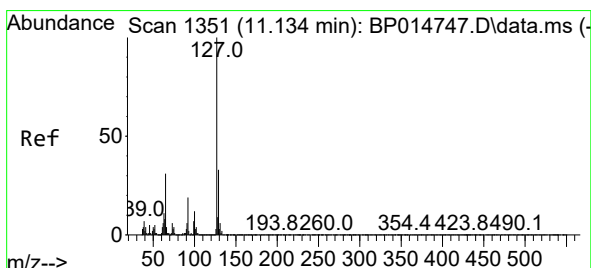
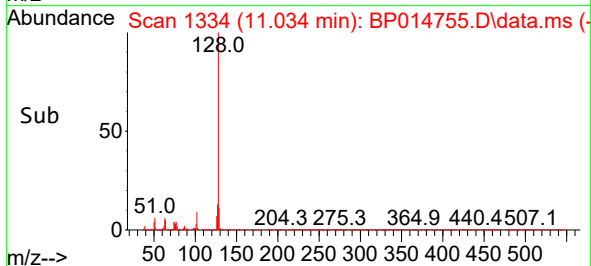
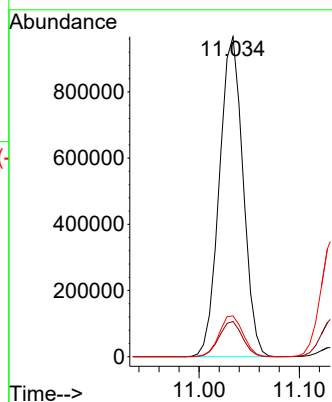
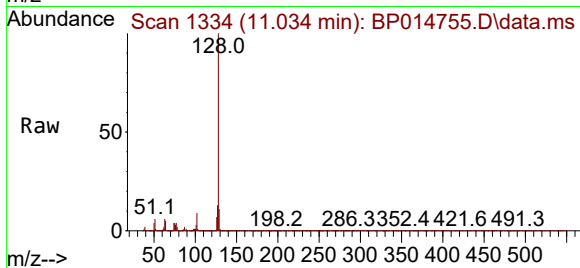




#30
Naphthalene
Concen: 29.896 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

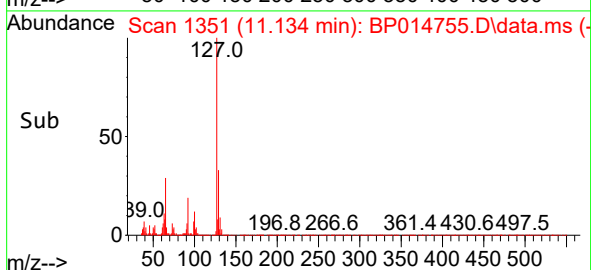
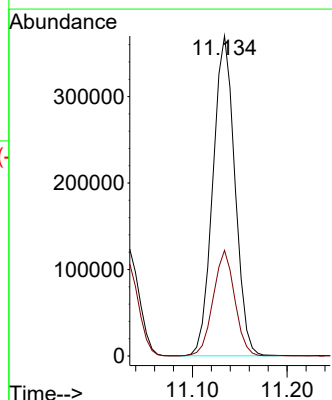
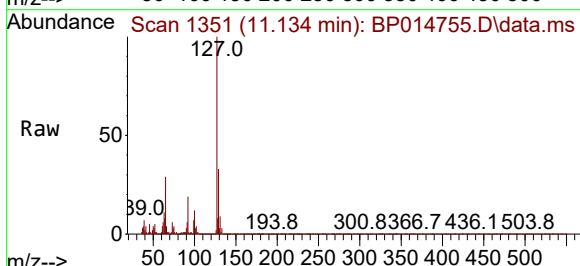
Instrument :
BNA_P
ClientSampleId :

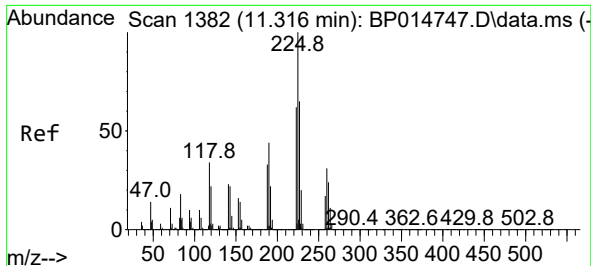
Tgt Ion:128 Resp: 1585436
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 26.560 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:127 Resp: 597174
Ion Ratio Lower Upper
127 100
129 33.0 26.0 39.0

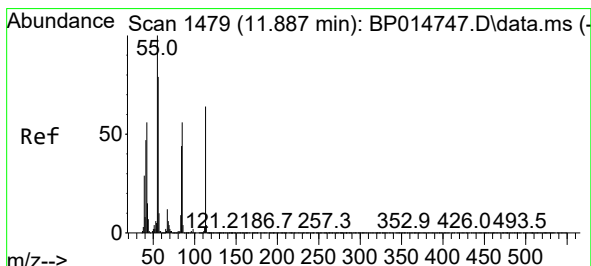
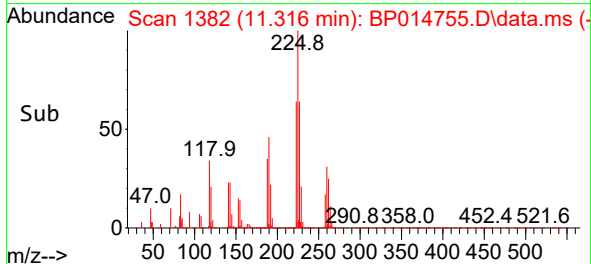
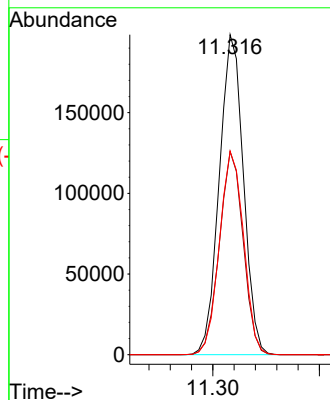
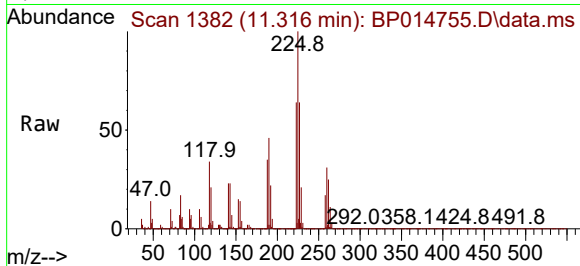




#33
Hexachlorobutadiene
Concen: 30.008 ng/ul
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

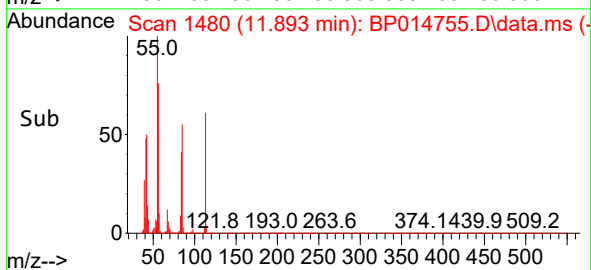
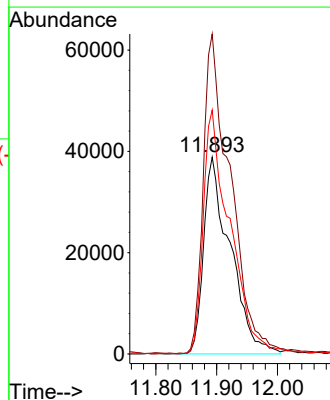
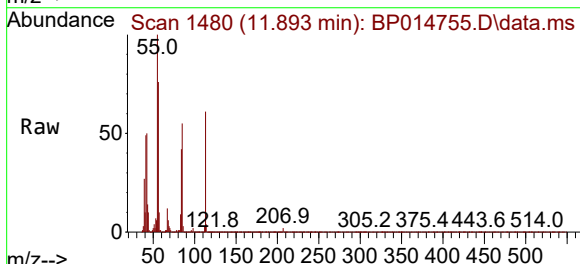
Instrument :
BNA_P
ClientSampleId :

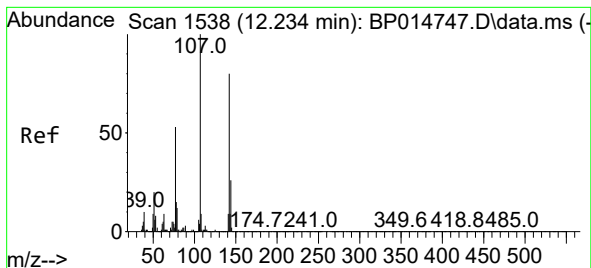
Tgt Ion:225 Resp: 311524
Ion Ratio Lower Upper
225 100
223 63.5 49.2 73.8
227 63.5 49.4 74.2



#34
Caprolactam
Concen: 26.515 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:113 Resp: 117836
Ion Ratio Lower Upper
113 100
55 162.6 135.4 203.0
56 124.0 101.0 151.4

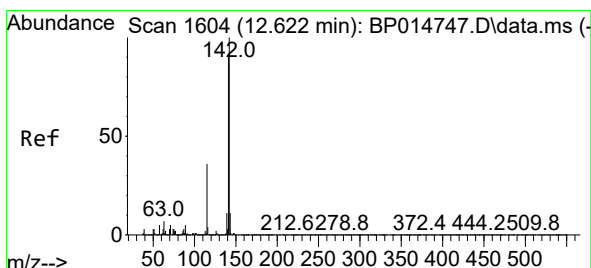
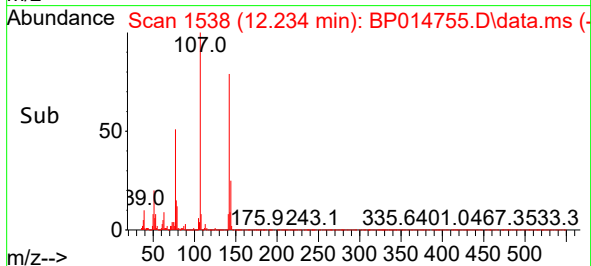
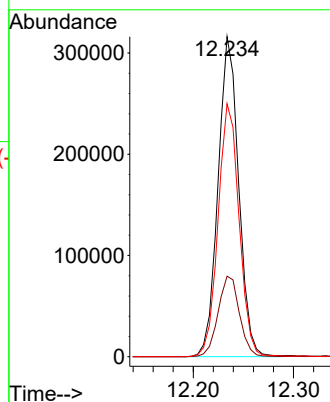
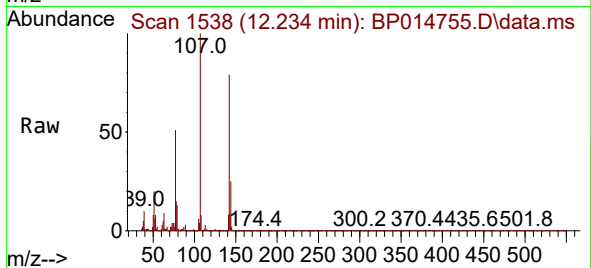




#35
4-Chloro-3-methylphenol
Concen: 29.390 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

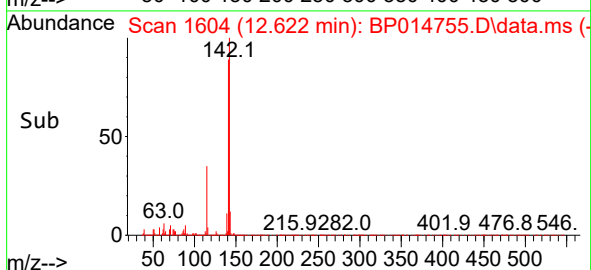
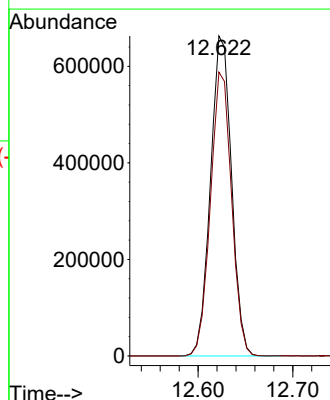
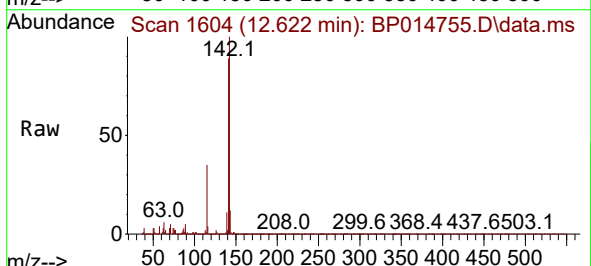
Instrument :
BNA_P
ClientSampleId :

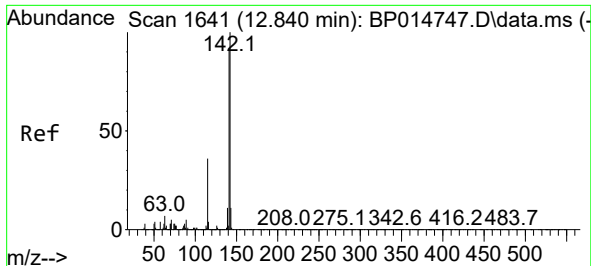
Tgt Ion:107 Resp: 450808
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 79.0 61.9 92.9



#36
2-Methylnaphthalene
Concen: 28.867 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:142 Resp: 1021997
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3

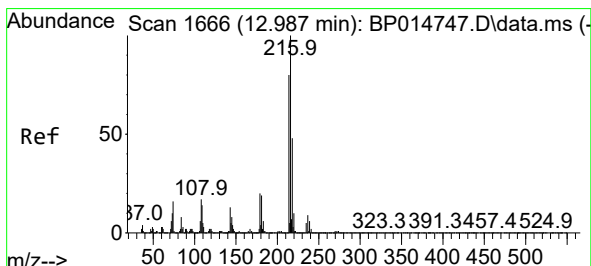
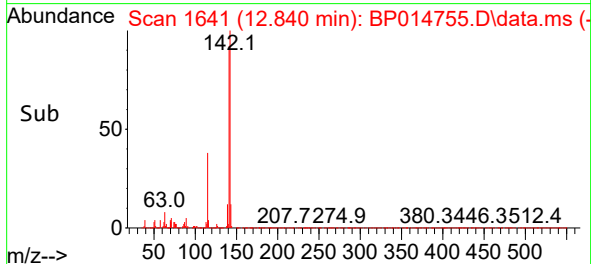
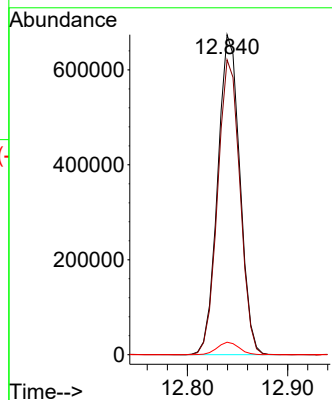
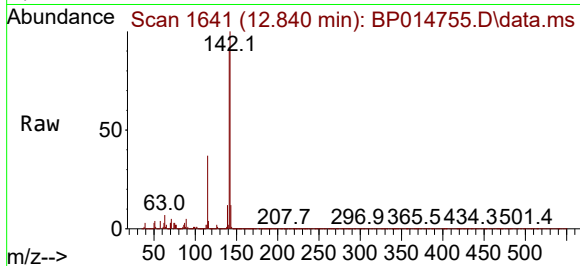




#37
1-Methylnaphthalene
Concen: 29.418 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

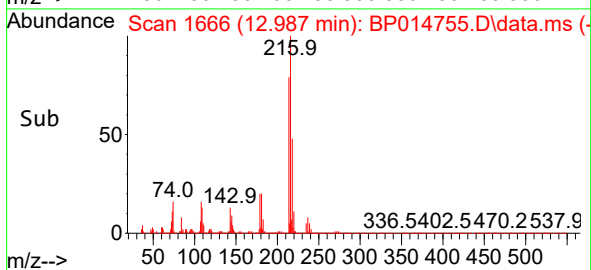
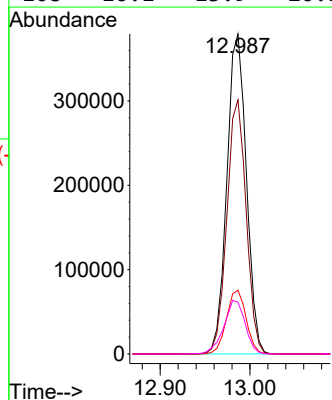
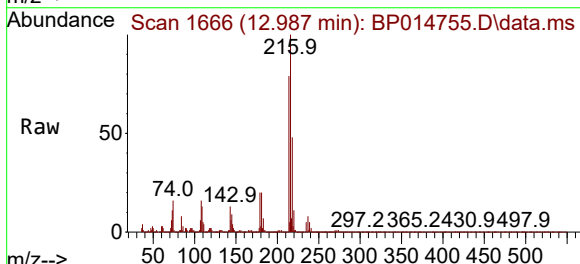
Instrument :
BNA_P
ClientSampleId :

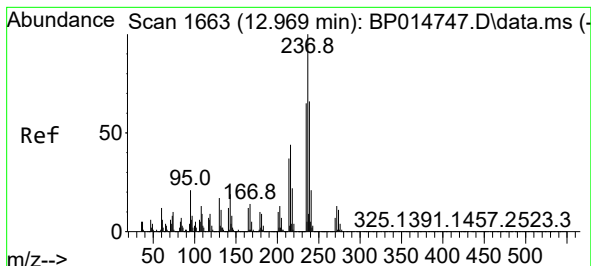
Tgt Ion:142 Resp: 1032510
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 3.9 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.716 ng/ul
RT: 12.987 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:216 Resp: 572196
Ion Ratio Lower Upper
216 100
214 79.4 61.7 92.5
179 19.9 15.5 23.3
108 16.1 13.9 20.9





#40

Hexachlorocyclopentadiene

Concen: 31.581 ng/ul

RT: 12.969 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

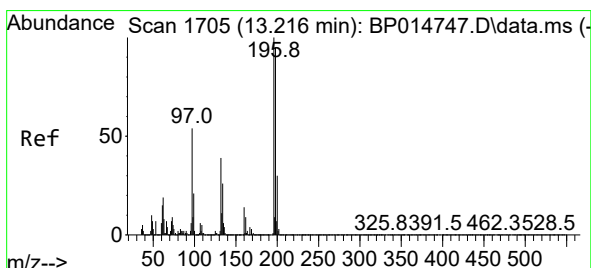
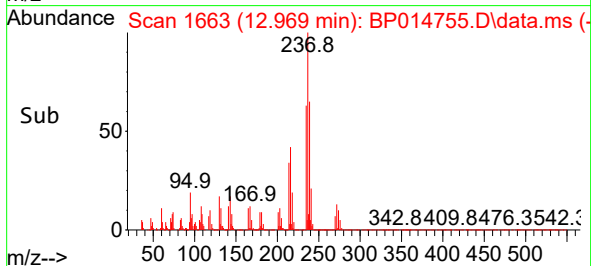
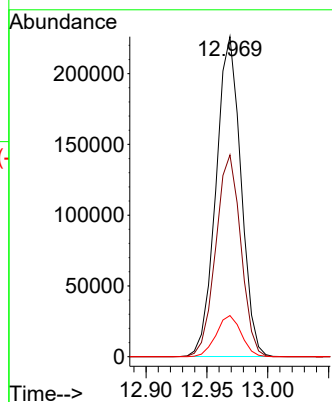
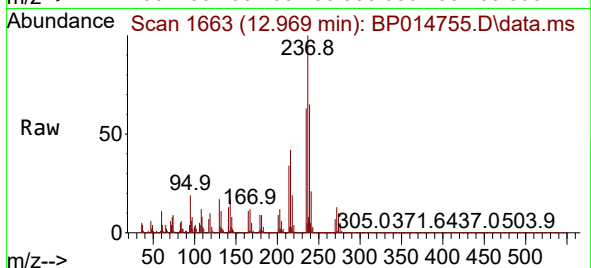
Tgt Ion:237 Resp: 322388

Ion Ratio Lower Upper

237 100

235 63.0 50.6 76.0

272 12.8 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 32.894 ng/ul

RT: 13.216 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

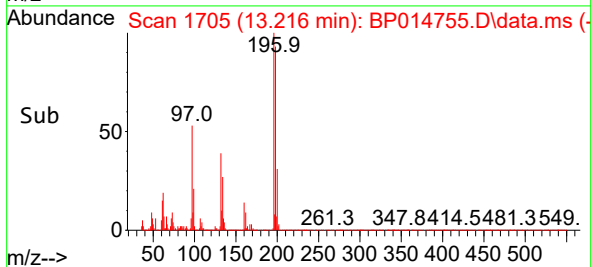
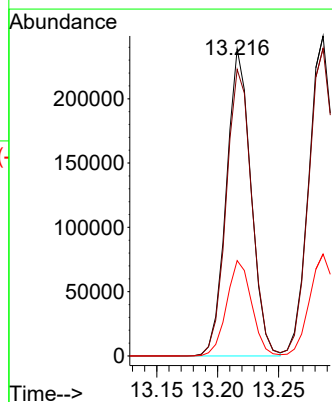
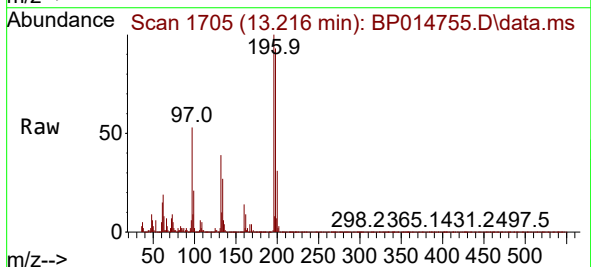
Tgt Ion:196 Resp: 336131

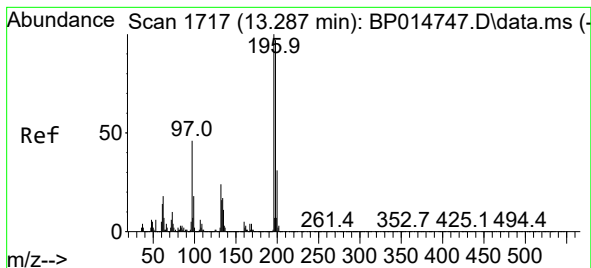
Ion Ratio Lower Upper

196 100

198 93.3 77.8 116.8

200 31.0 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 33.231 ng/ul

RT: 13.287 min Scan# 1717

Delta R.T. -0.000 min

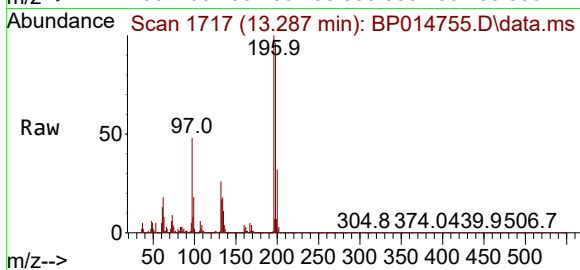
Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :



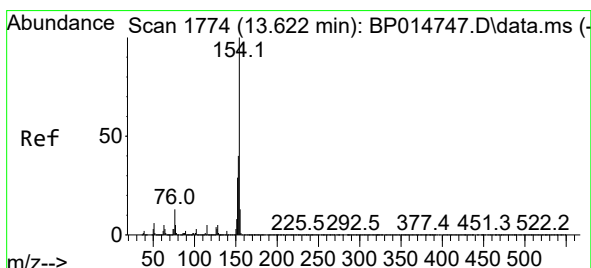
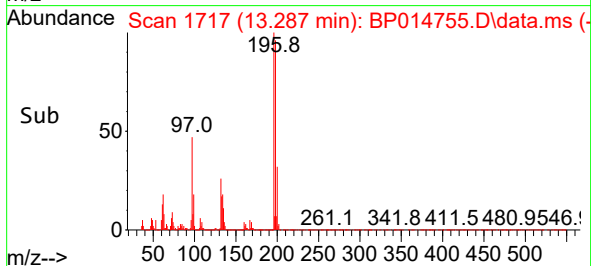
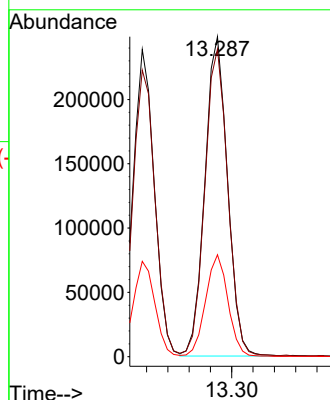
Tgt Ion:196 Resp: 367366

Ion Ratio Lower Upper

196 100

198 96.1 78.0 117.0

200 31.8 24.7 37.1



#43

1,1'-Biphenyl

Concen: 31.075 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

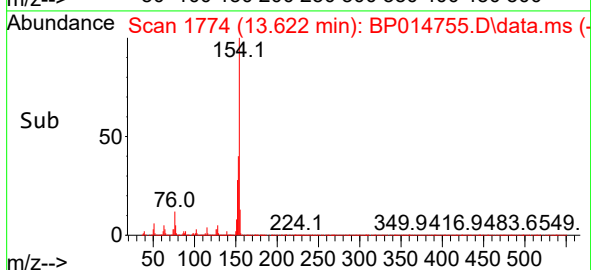
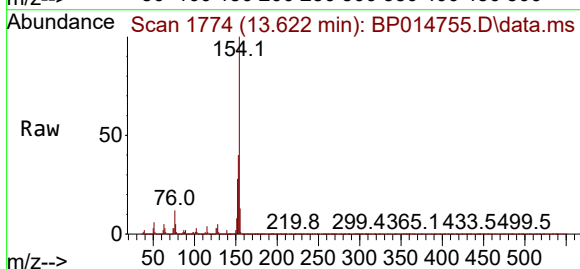
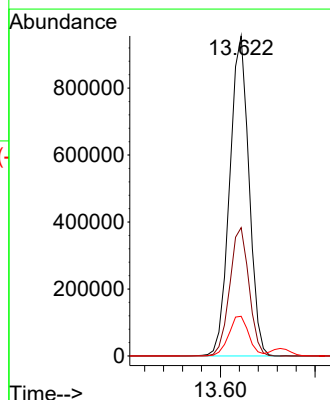
Tgt Ion:154 Resp: 1350910

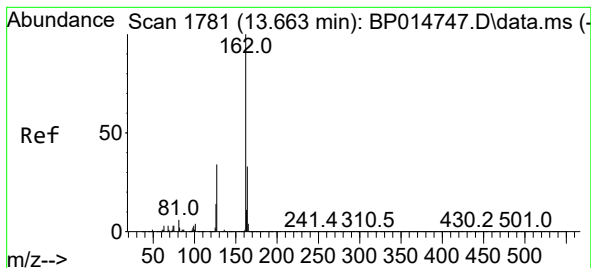
Ion Ratio Lower Upper

154 100

153 40.1 31.9 47.9

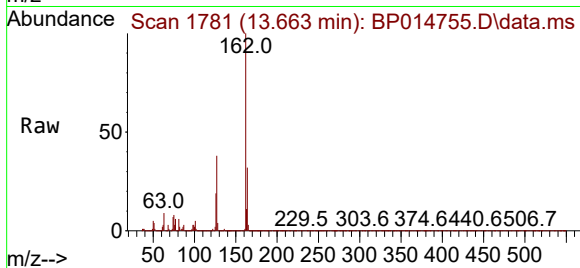
76 12.4 10.8 16.2



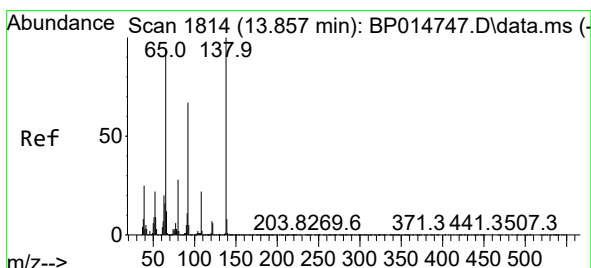
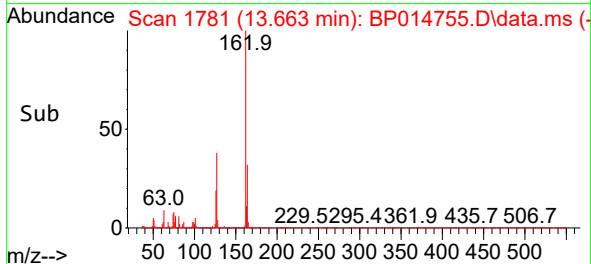
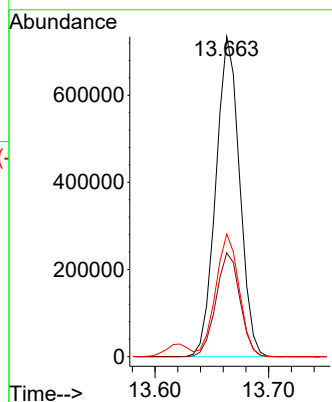


#44
2-Chloronaphthalene
Concen: 31.340 ng/ul
RT: 13.663 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Instrument :
BNA_P
ClientSampleId :

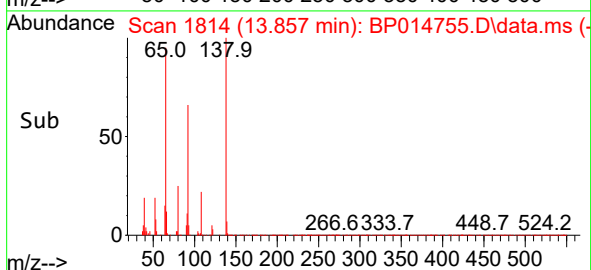
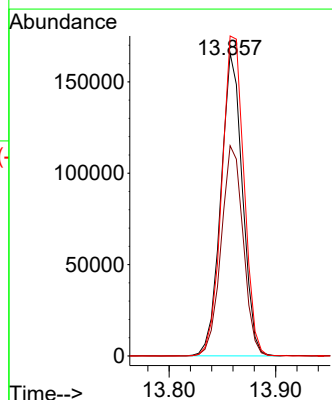
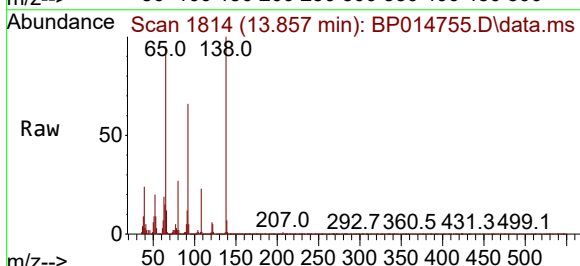


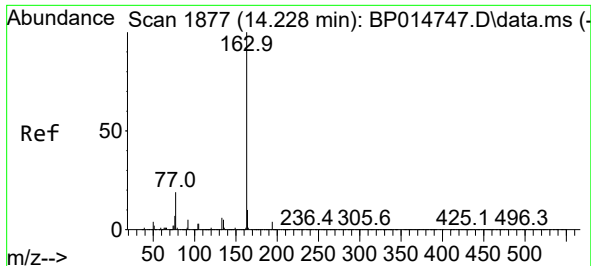
Tgt Ion:162 Resp: 1064575
Ion Ratio Lower Upper
162 100
164 32.5 26.6 39.8
127 38.3 30.5 45.7



#45
2-Nitroaniline
Concen: 36.166 ng/ul
RT: 13.857 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion: 65 Resp: 232555
Ion Ratio Lower Upper
65 100
92 69.5 57.0 85.4
138 105.7 86.8 130.2





#47

Dimethylphthalate

Concen: 28.737 ng/ul

RT: 14.228 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

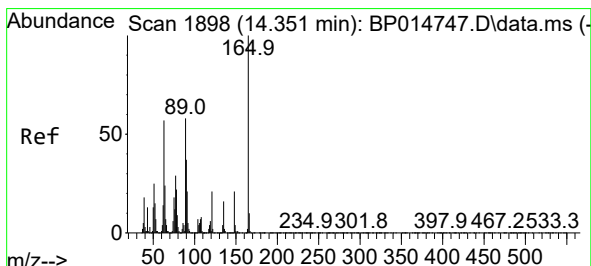
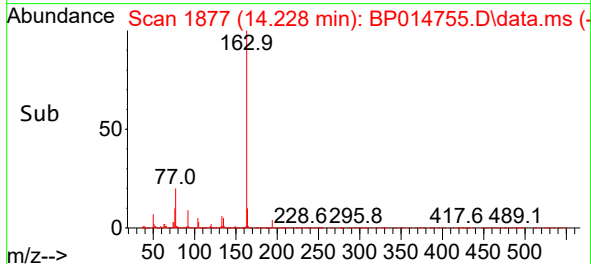
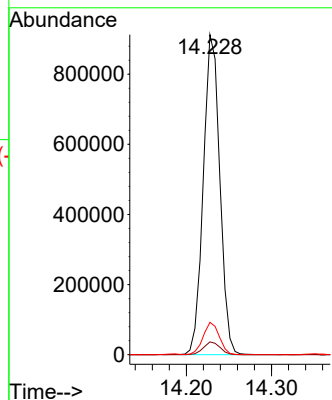
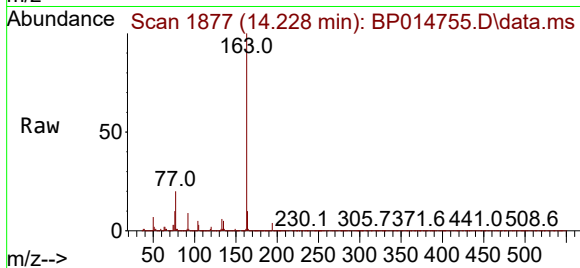
Tgt Ion:163 Resp: 1228778

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 35.895 ng/ul

RT: 14.351 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

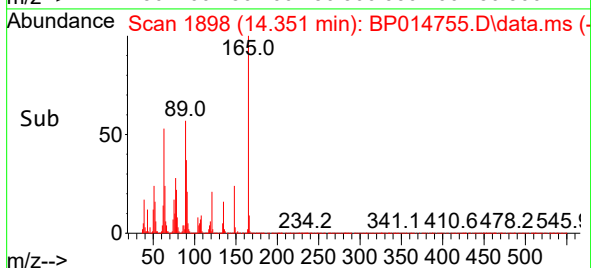
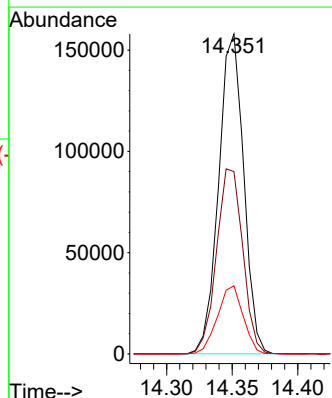
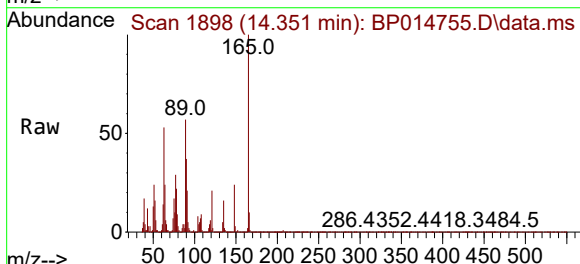
Tgt Ion:165 Resp: 209350

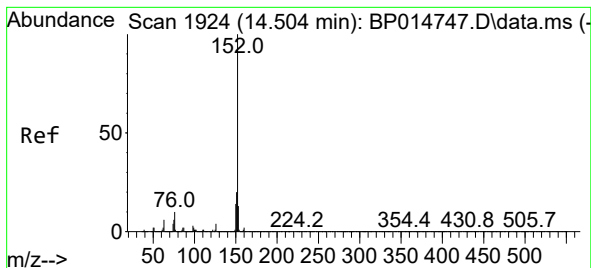
Ion Ratio Lower Upper

165 100

89 57.0 53.0 79.6

121 21.3 19.8 29.6





#50

Acenaphthylene

Concen: 30.155 ng/ul

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

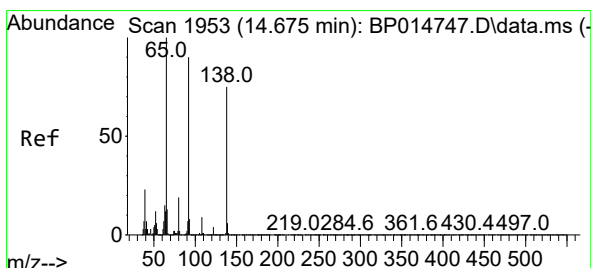
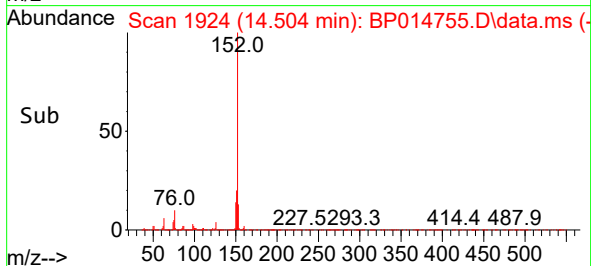
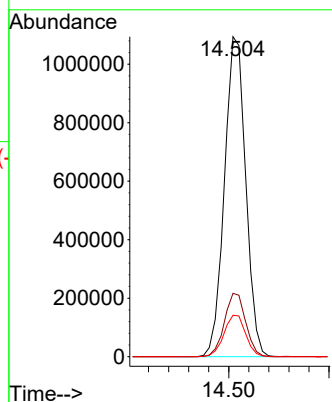
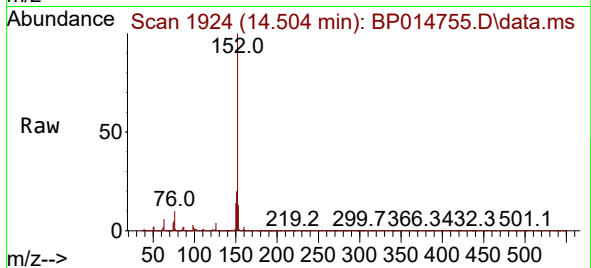
Tgt Ion:152 Resp: 1607793

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.0 10.0 15.0



#51

3-Nitroaniline

Concen: 31.038 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

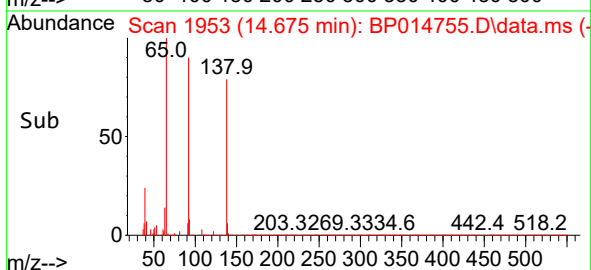
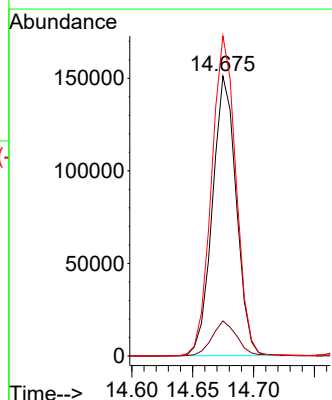
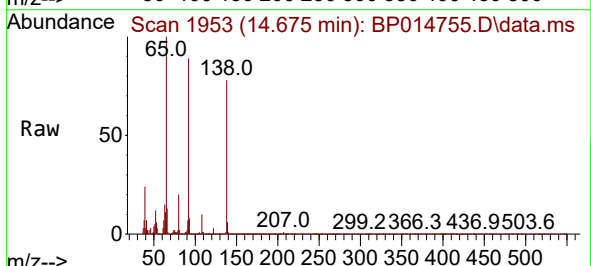
Tgt Ion:138 Resp: 205893

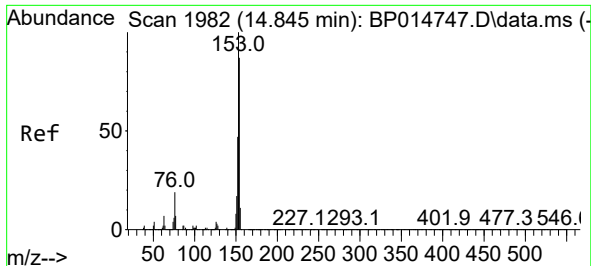
Ion Ratio Lower Upper

138 100

108 12.5 12.9 19.3#

92 114.4 91.5 137.3

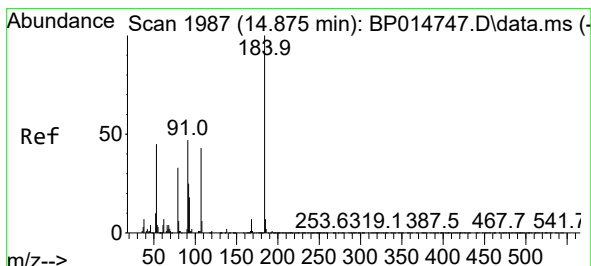
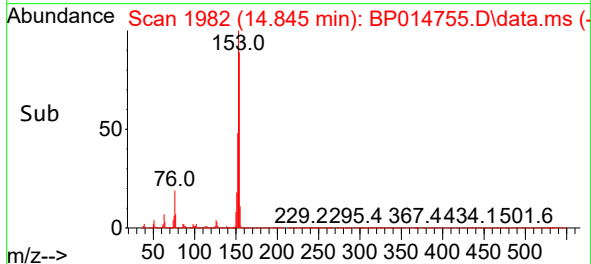
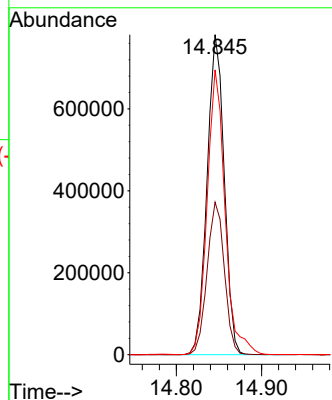
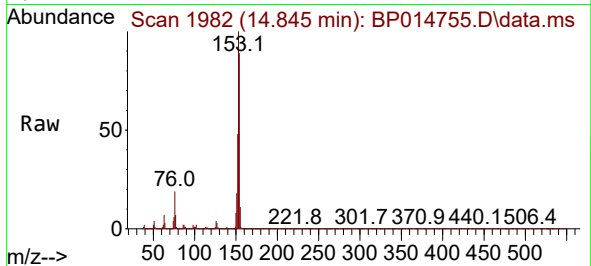




#52
Acenaphthene
Concen: 30.067 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

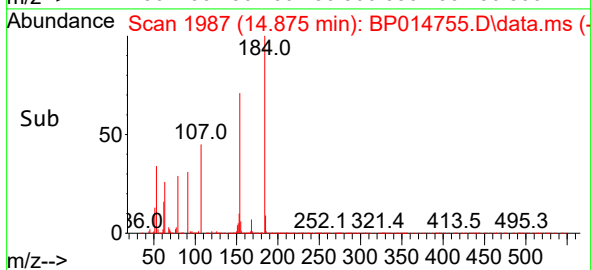
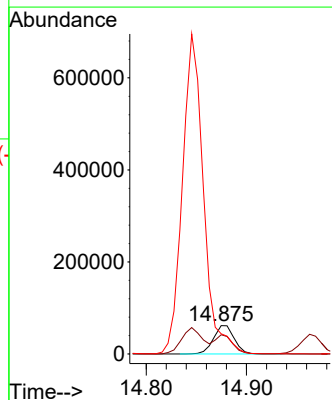
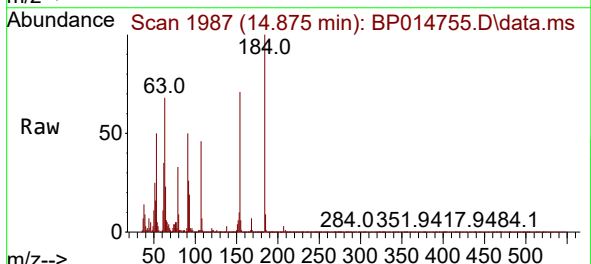
Instrument :
BNA_P
ClientSampleId :

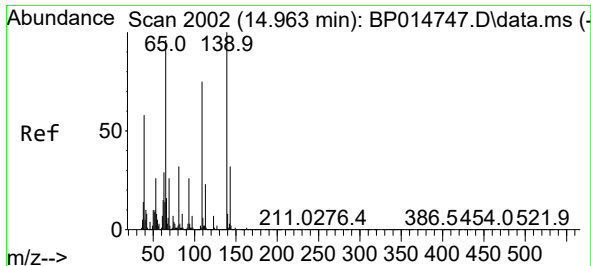
Tgt Ion:153 Resp: 1093030
Ion Ratio Lower Upper
153 100
152 47.7 38.4 57.6
154 89.0 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 31.331 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

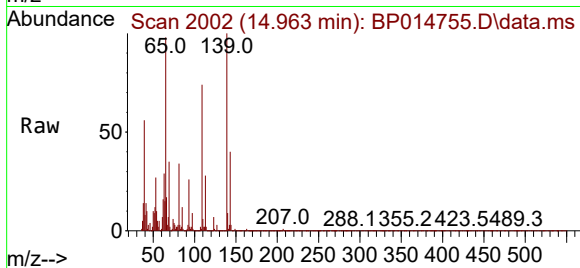
Tgt Ion:184 Resp: 88415
Ion Ratio Lower Upper
184 100
63 67.6 51.1 76.7
154 71.3 54.0 81.0



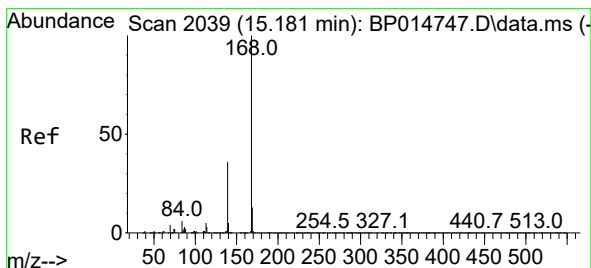
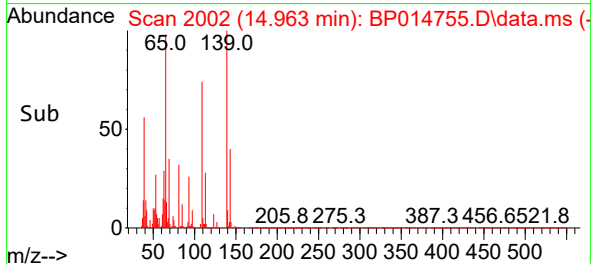
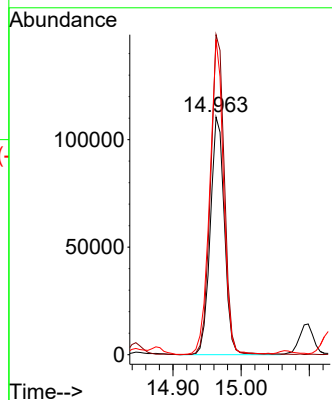


#55
4-Nitrophenol
Concen: 28.783 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Instrument :
BNA_P
ClientSampleId :

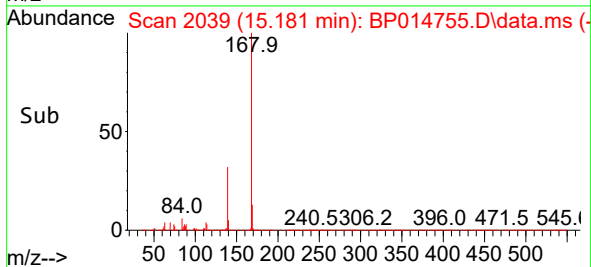
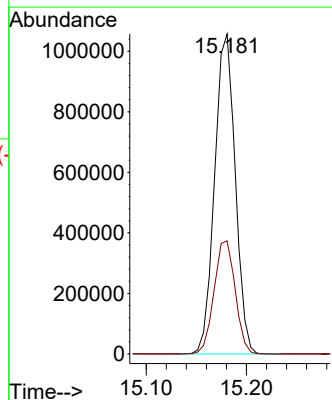
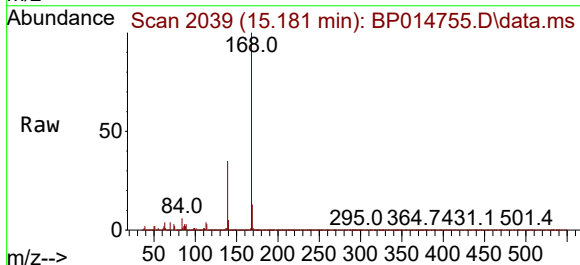


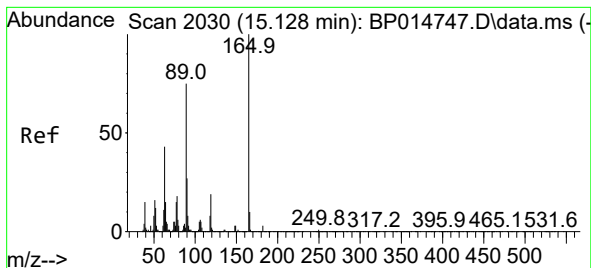
Tgt Ion:109 Resp: 159423
Ion Ratio Lower Upper
109 100
139 134.6 100.5 150.7
65 132.6 102.4 153.6



#56
Dibenzofuran
Concen: 29.407 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:168 Resp: 1504591
Ion Ratio Lower Upper
168 100
139 35.3 29.8 44.8





#57

2,4-Dinitrotoluene

Concen: 34.528 ng/ul

RT: 15.128 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

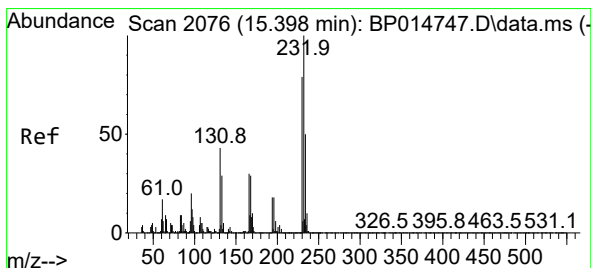
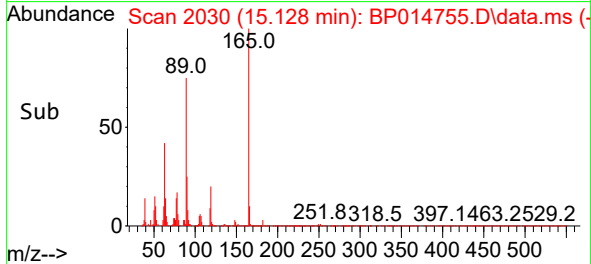
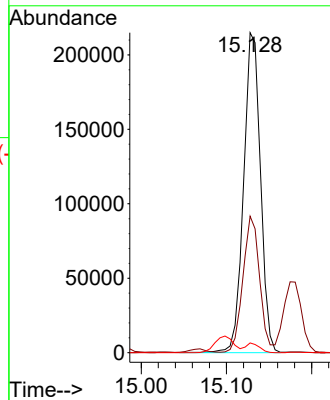
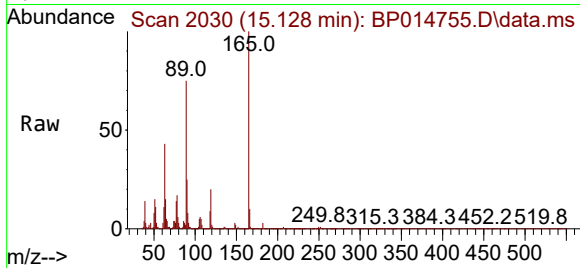
Tgt Ion:165 Resp: 295474

Ion Ratio Lower Upper

165 100

63 42.6 36.6 54.8

182 3.1 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.565 ng/ul

RT: 15.398 min Scan# 2076

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Tgt Ion:232 Resp: 286927

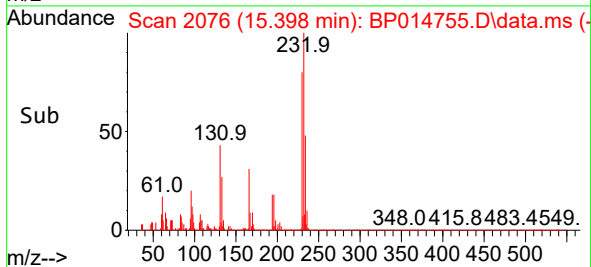
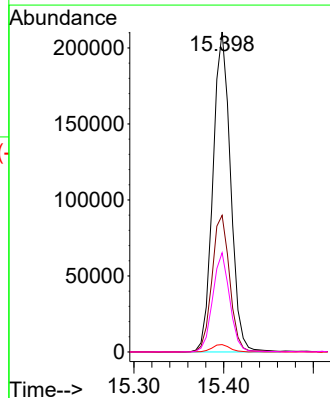
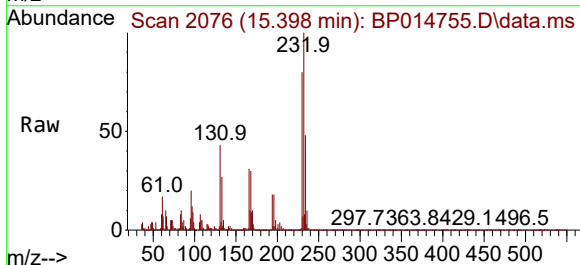
Ion Ratio Lower Upper

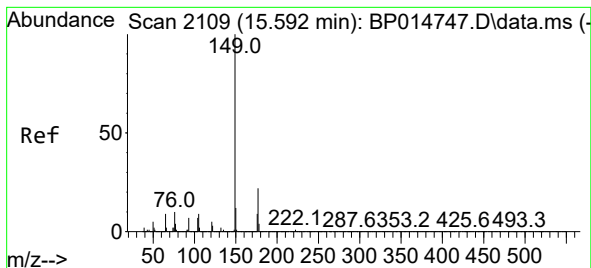
232 100

131 42.7 32.4 48.6

130 2.3 1.8 2.6

166 31.0 21.9 32.9





#59

Diethylphthalate

Concen: 28.160 ng/ul

RT: 15.592 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

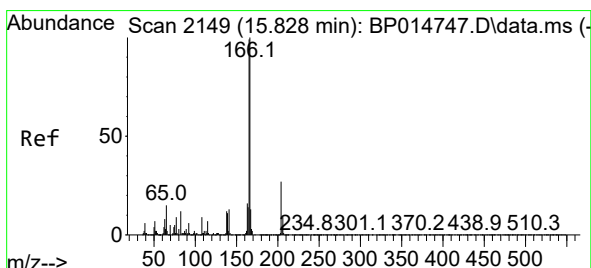
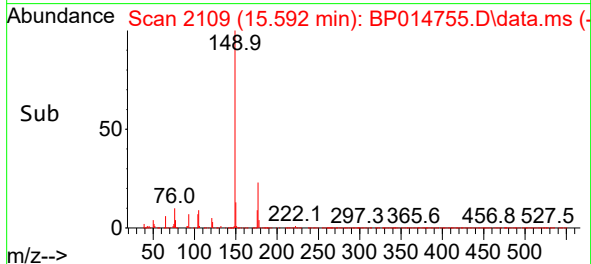
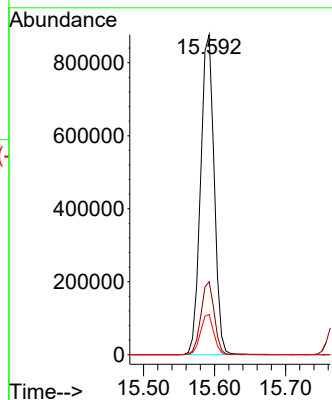
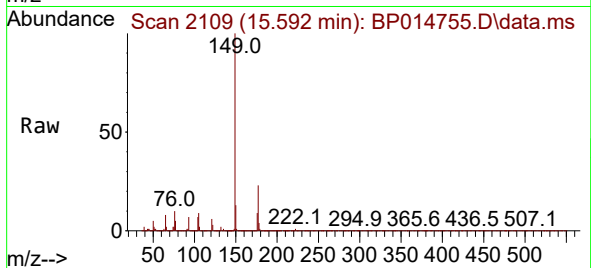
Tgt Ion:149 Resp: 1168350

Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.6 9.4 14.2



#61

Fluorene

Concen: 29.402 ng/ul

RT: 15.828 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

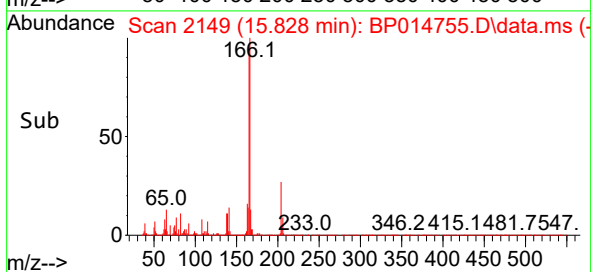
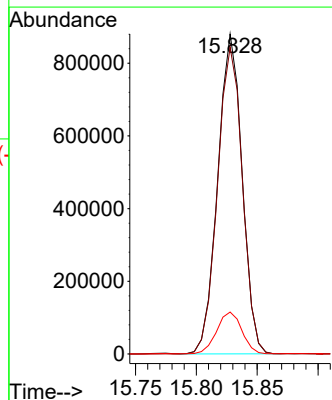
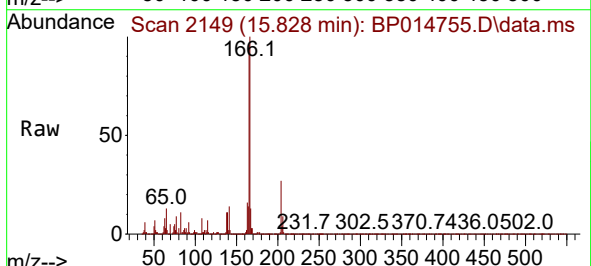
Tgt Ion:166 Resp: 1227952

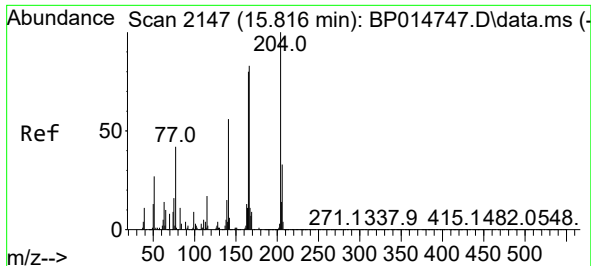
Ion Ratio Lower Upper

166 100

165 95.8 78.6 117.8

167 13.1 10.5 15.7

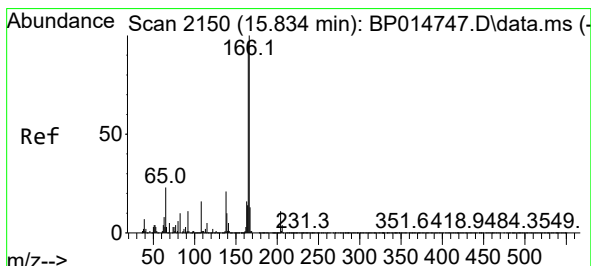
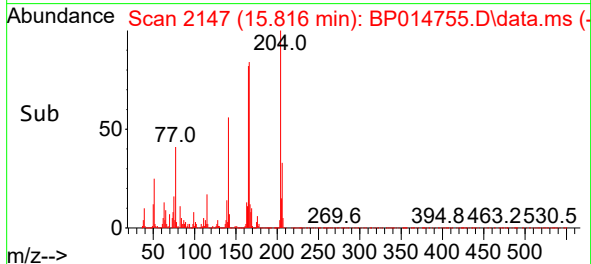
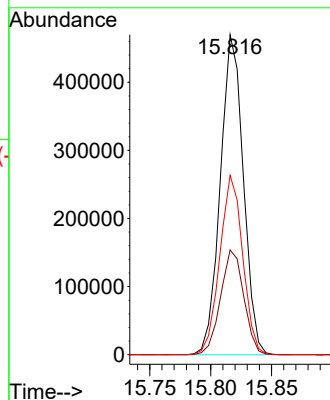
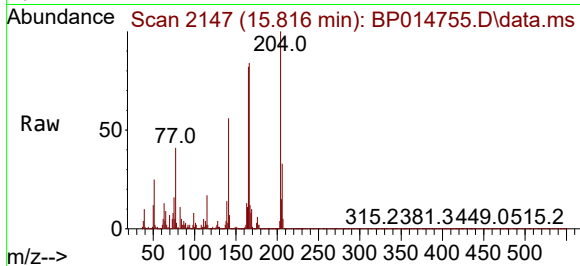




#62
4-Chlorophenyl-phenylether
Concen: 28.944 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

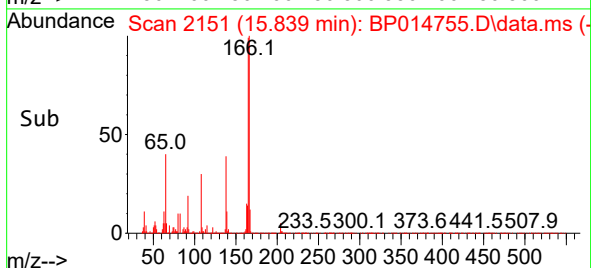
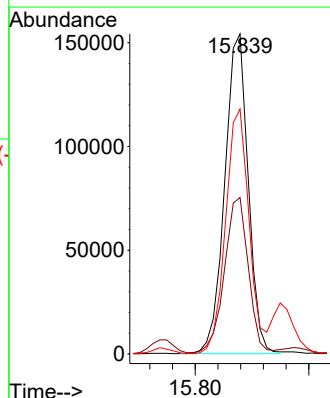
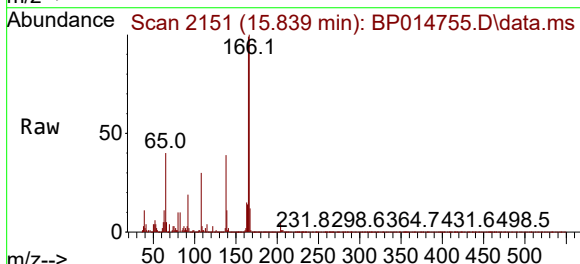
Instrument :
BNA_P
ClientSampleId :

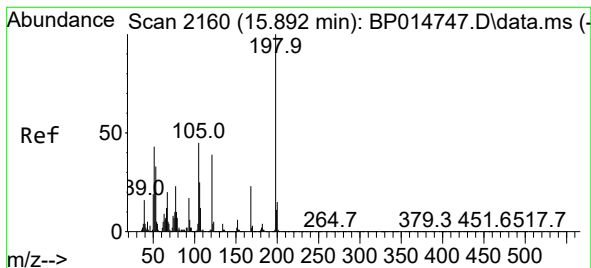
Tgt Ion:204 Resp: 618125
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.0 45.0 67.4



#63
4-Nitroaniline
Concen: 33.306 ng/ul
RT: 15.839 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:138 Resp: 220828
Ion Ratio Lower Upper
138 100
92 48.9 40.9 61.3
108 76.5 63.8 95.6

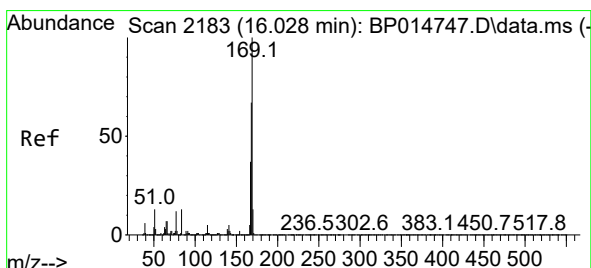
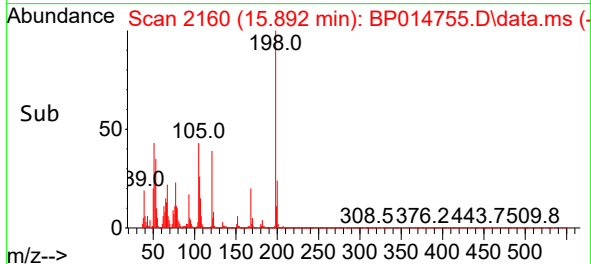
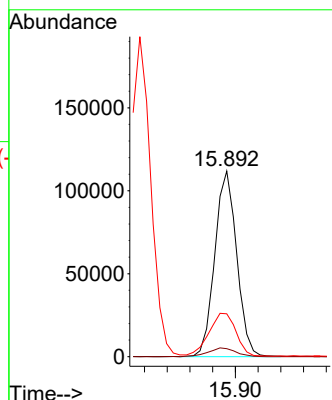
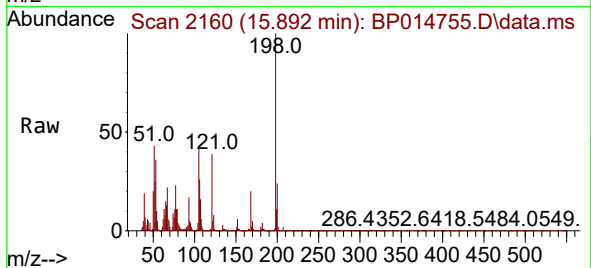




#66
4,6-Dinitro-2-methylphenol
Concen: 33.514 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

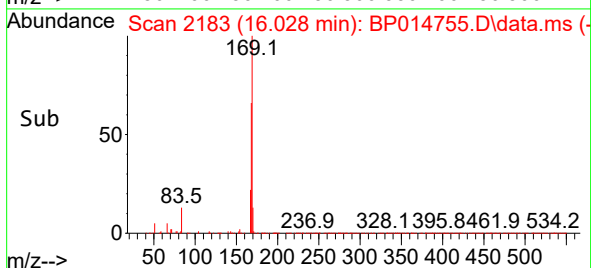
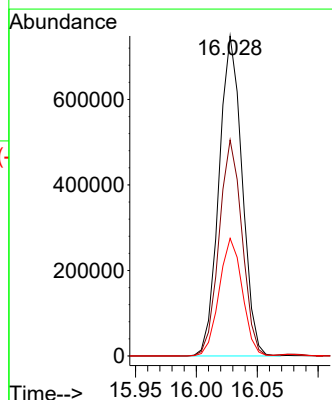
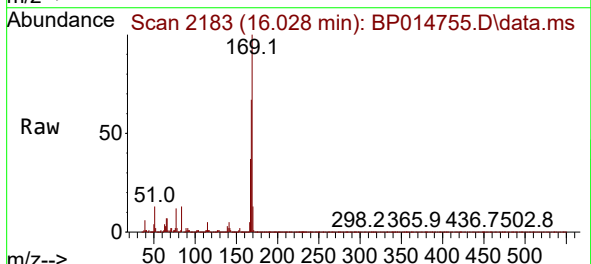
Instrument :
BNA_P
ClientSampleId :

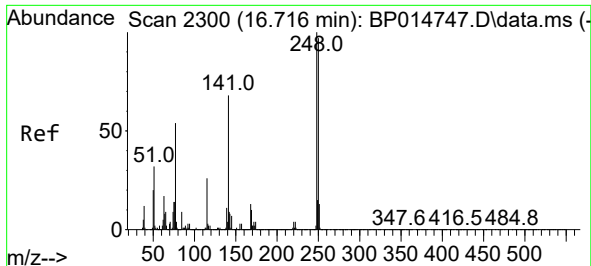
Tgt Ion:198 Resp: 150032
Ion Ratio Lower Upper
198 100
182 4.3 3.9 5.9
77 23.1 23.6 35.4#



#67
N-Nitrosodiphenylamine
Concen: 31.915 ng/ul
RT: 16.028 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:169 Resp: 988216
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 36.8 29.0 43.6

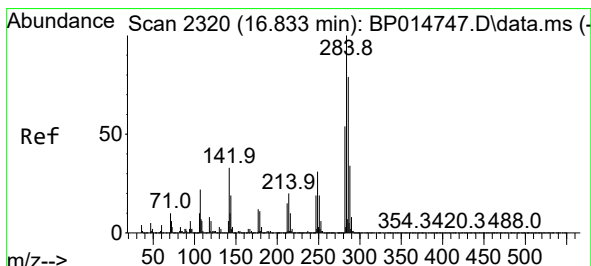
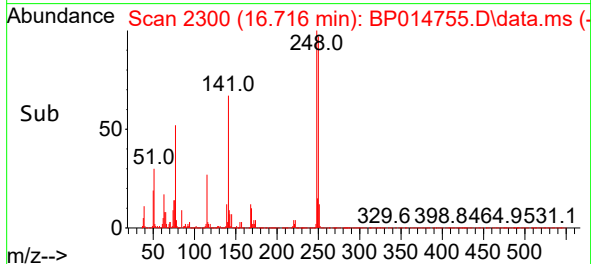
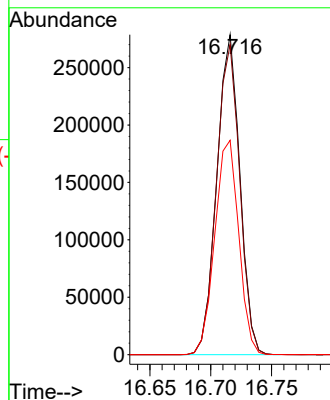
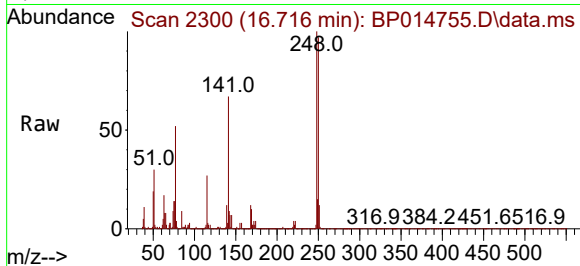




#68
4-Bromophenyl-phenylether
Concen: 31.571 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

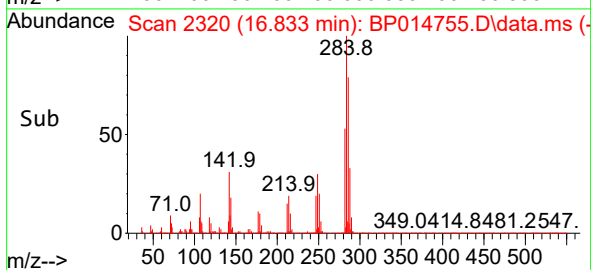
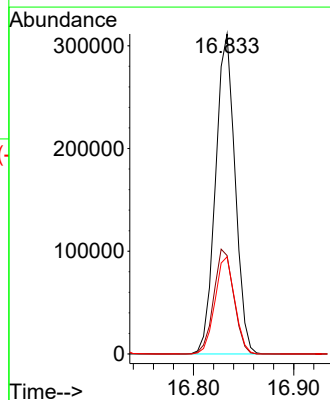
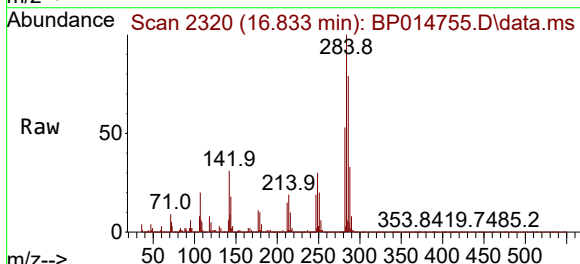
Instrument :
BNA_P
ClientSampleId :

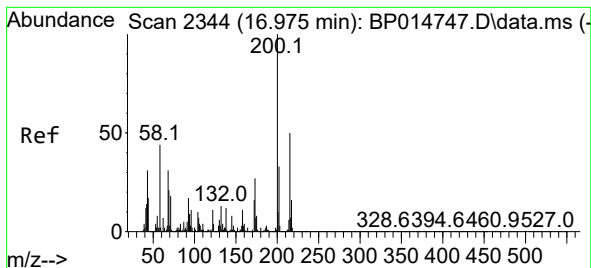
Tgt Ion:248 Resp: 367668
Ion Ratio Lower Upper
248 100
250 97.0 79.2 118.8
141 67.0 52.7 79.1



#69
Hexachlorobenzene
Concen: 31.217 ng/ul
RT: 16.833 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:284 Resp: 421816
Ion Ratio Lower Upper
284 100
142 30.8 25.1 37.7
249 30.3 25.2 37.8





#70

Atrazine

Concen: 19.863 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

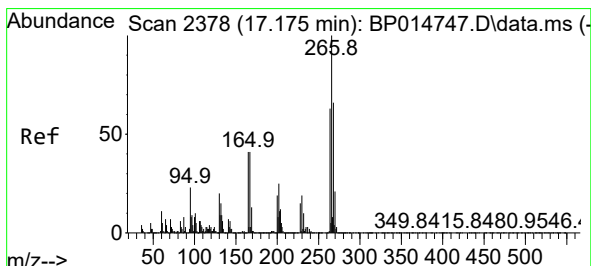
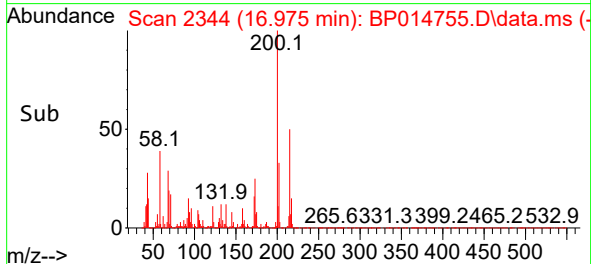
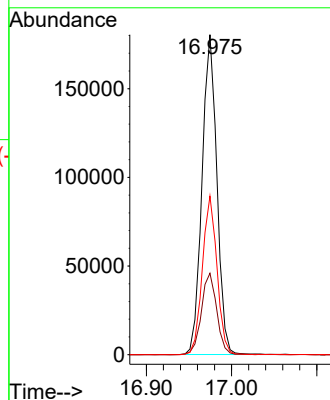
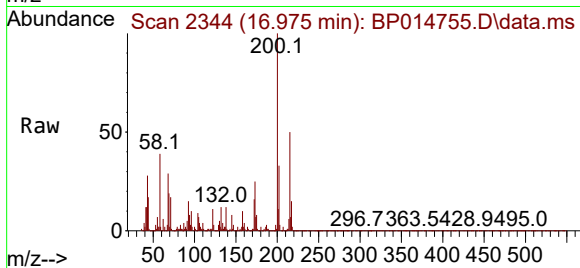
Tgt Ion:200 Resp: 218443

Ion Ratio Lower Upper

200 100

173 25.5 21.0 31.6

215 49.5 39.4 59.2



#71

Pentachlorophenol

Concen: 29.461 ng/ul

RT: 17.175 min Scan# 2378

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

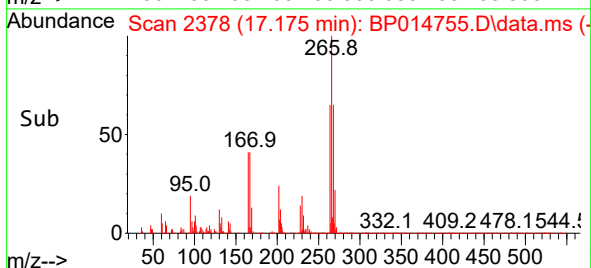
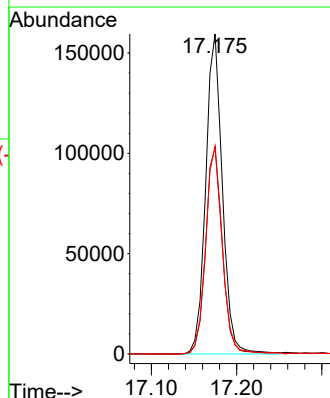
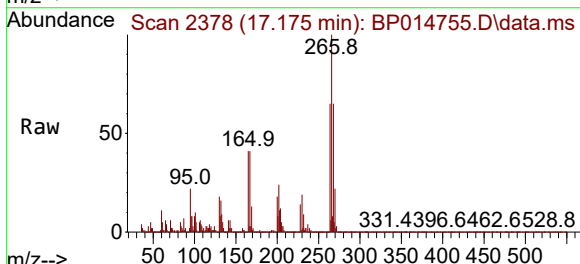
Tgt Ion:266 Resp: 216696

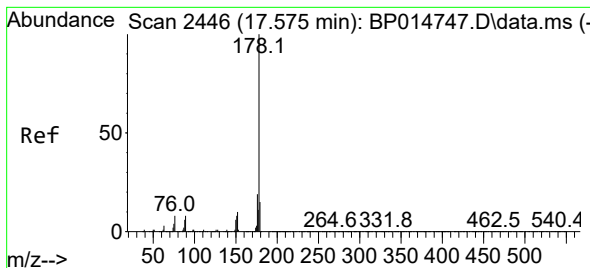
Ion Ratio Lower Upper

266 100

264 64.6 50.2 75.4

268 64.9 49.8 74.6





#72

Phenanthrene

Concen: 30.344 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

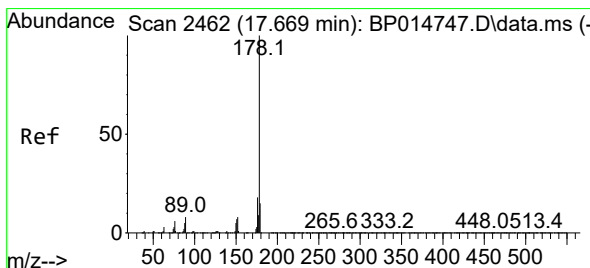
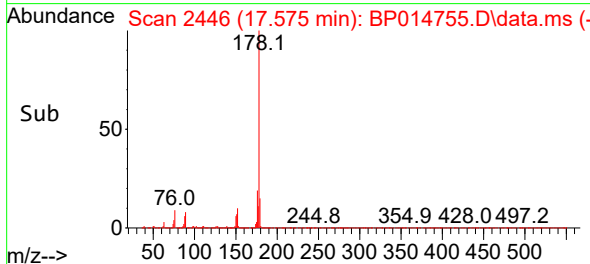
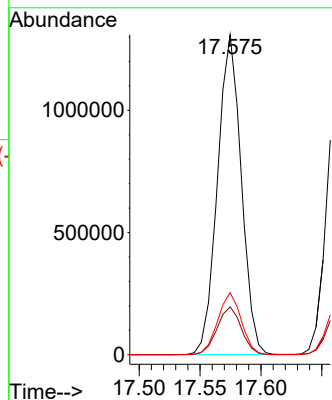
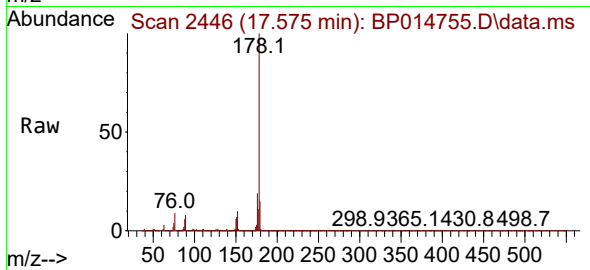
Tgt Ion:178 Resp: 1777056

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 19.4 15.3 22.9



#74

Anthracene

Concen: 30.161 ng/ul

RT: 17.663 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

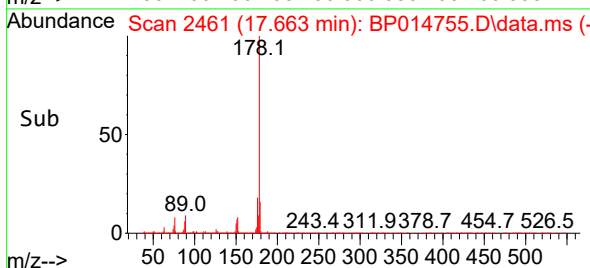
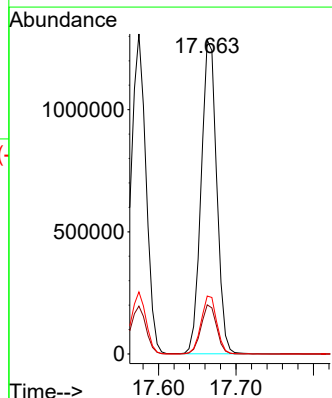
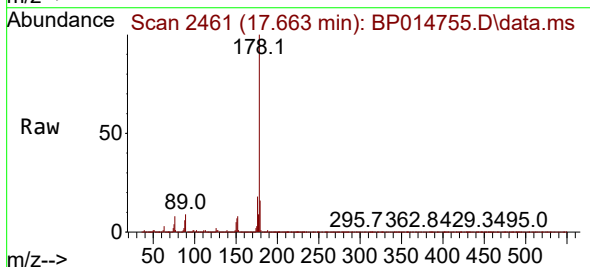
Tgt Ion:178 Resp: 1790704

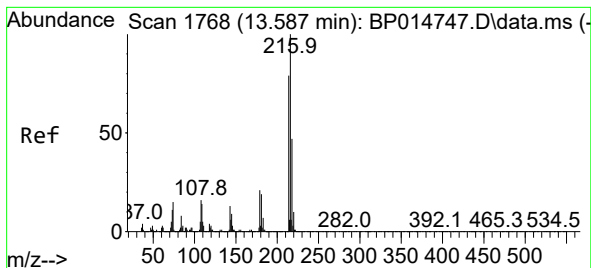
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.4 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.366 ng/uL

RT: 13.587 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

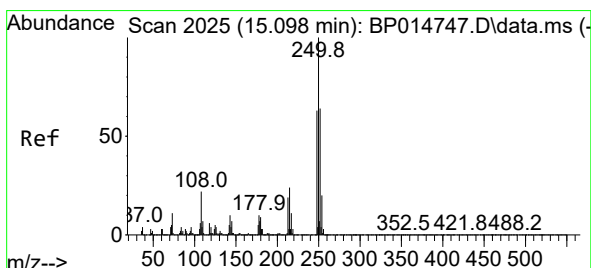
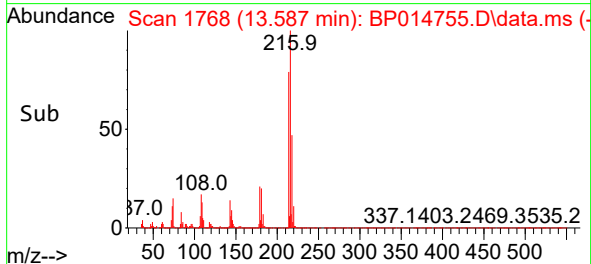
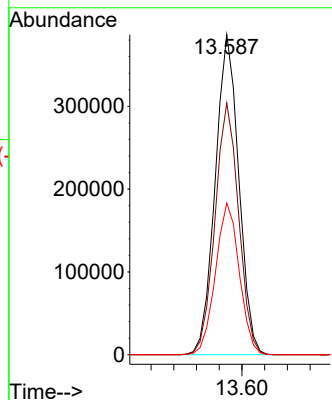
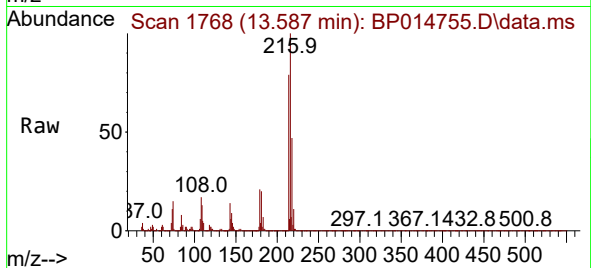
Tgt Ion:216 Resp: 557628

Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

218 47.4 39.6 59.4



#76

Pentachlorobenzene

Concen: 33.132 ng/uL

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

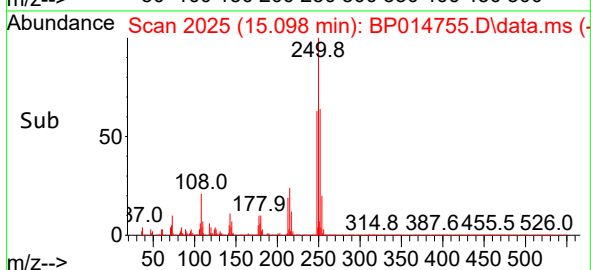
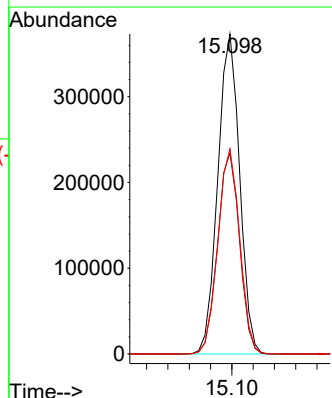
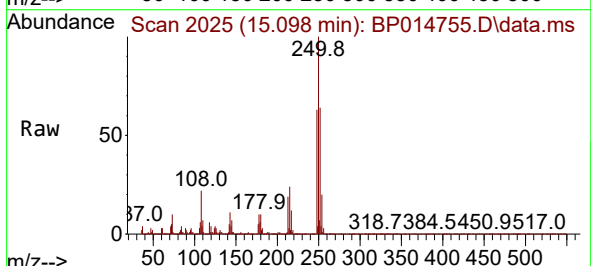
Tgt Ion:250 Resp: 530254

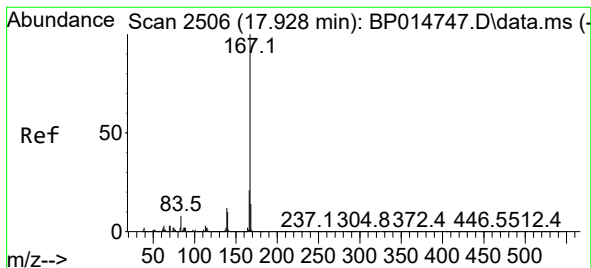
Ion Ratio Lower Upper

250 100

248 62.8 50.7 76.1

252 64.1 50.1 75.1





#77

Carbazole

Concen: 29.736 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

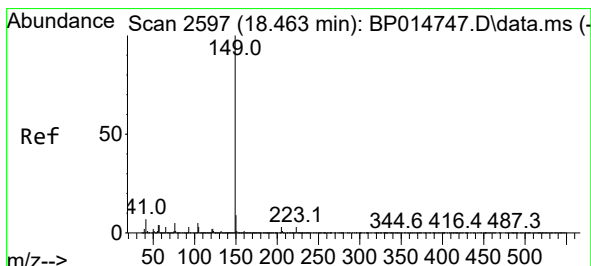
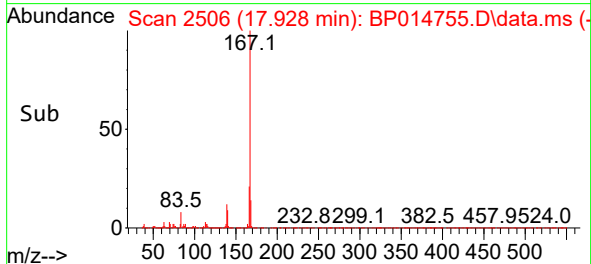
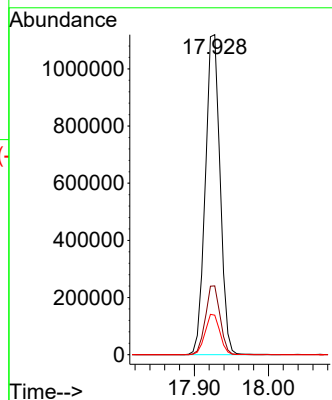
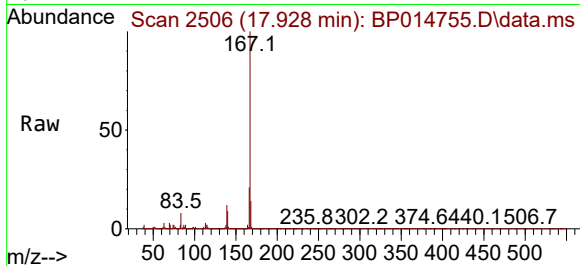
Tgt Ion:167 Resp: 1549840

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.3 10.2 15.2



#78

Di-n-butylphthalate

Concen: 30.178 ng/ul

RT: 18.463 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

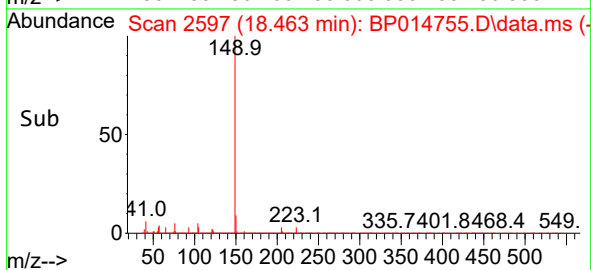
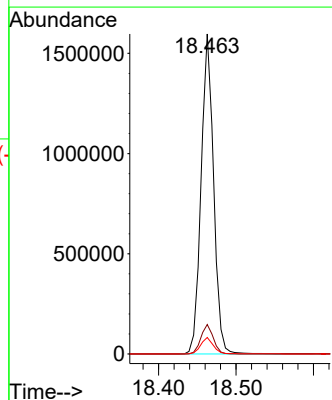
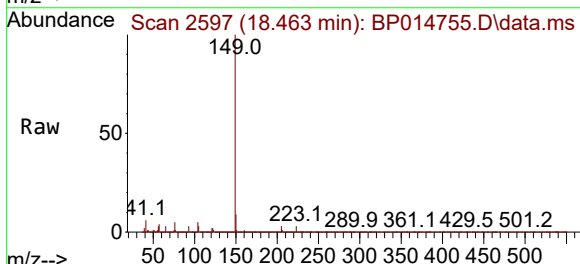
Tgt Ion:149 Resp: 1785713

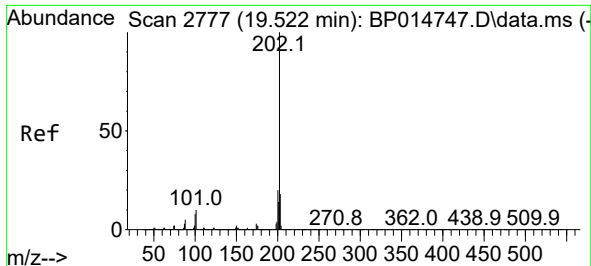
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.1 3.9 5.9

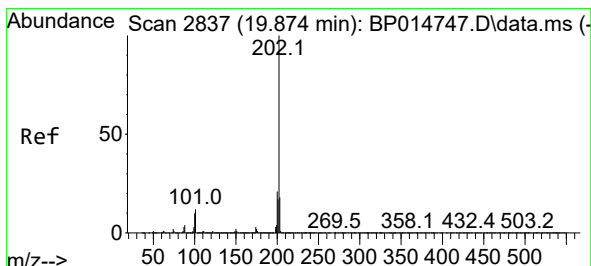
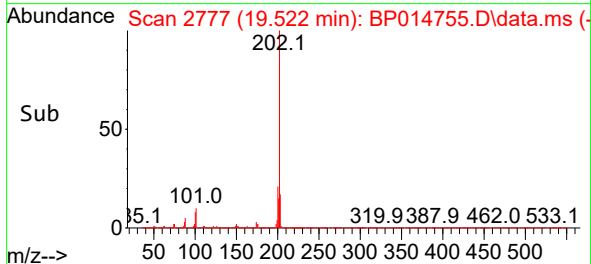
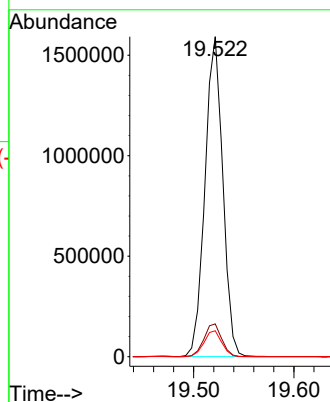
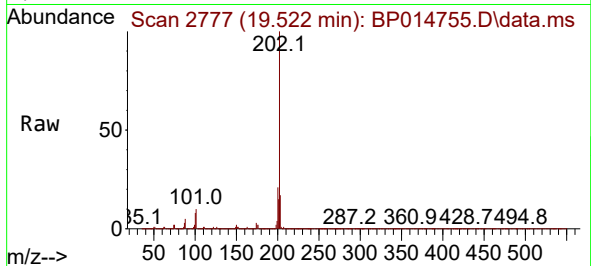




#80
Fluoranthene
Concen: 31.051 ng/ul
RT: 19.522 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

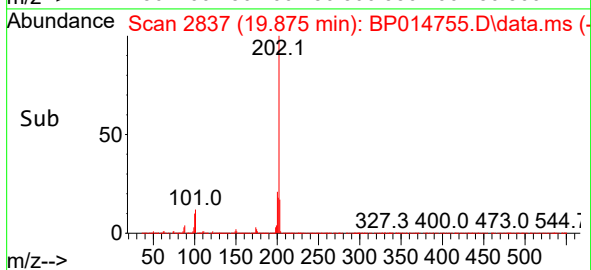
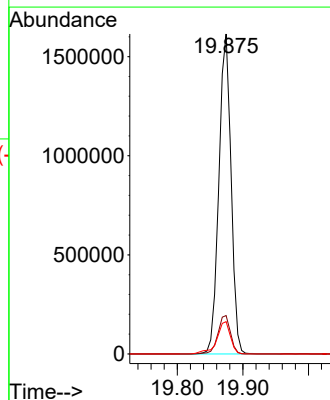
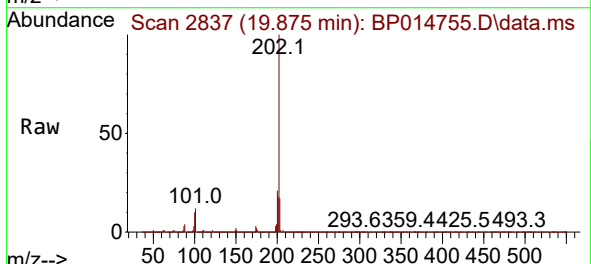
Instrument :
BNA_P
ClientSampleId :

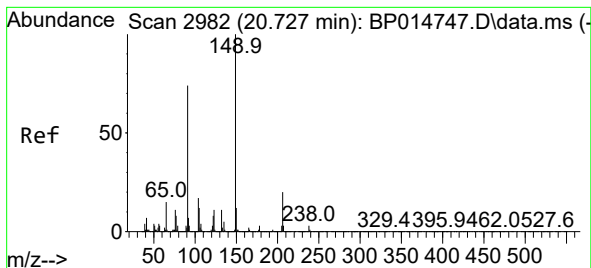
Tgt Ion:202 Resp: 1968510
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 8.1 6.4 9.6



#82
Pyrene
Concen: 30.866 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:202 Resp: 2070661
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 10.1 8.0 12.0





#83

Butylbenzylphthalate

Concen: 35.157 ng/ul

RT: 20.727 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

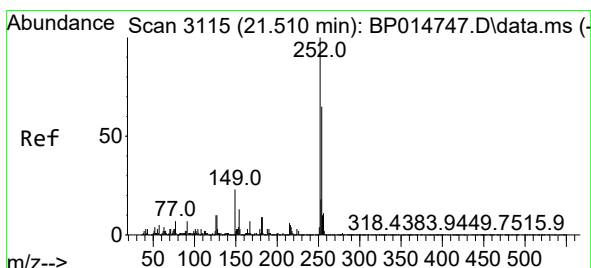
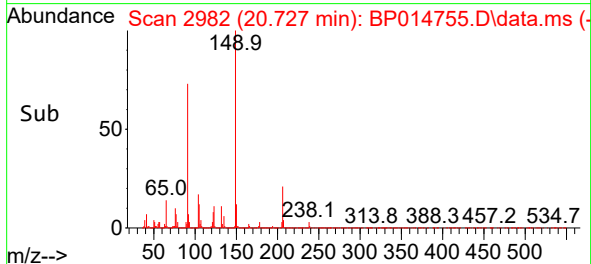
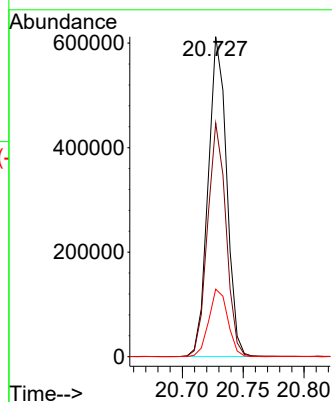
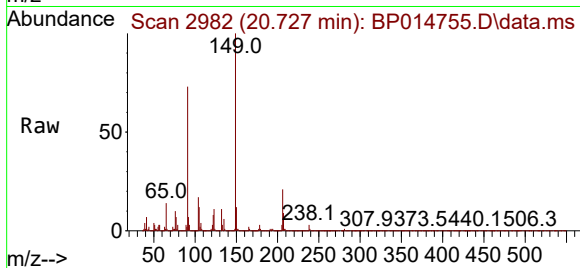
Tgt Ion:149 Resp: 643894

Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

206 21.1 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 29.264 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

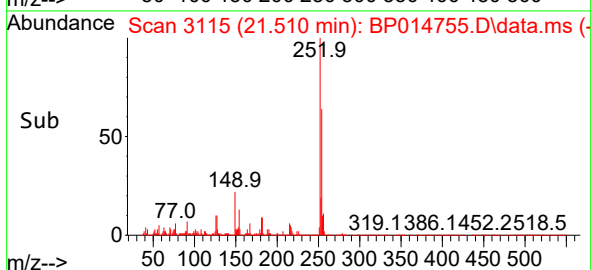
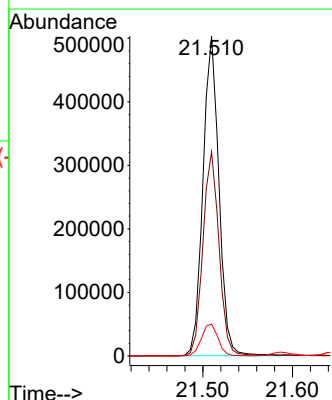
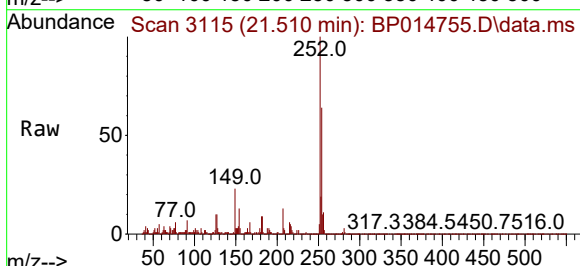
Tgt Ion:252 Resp: 623214

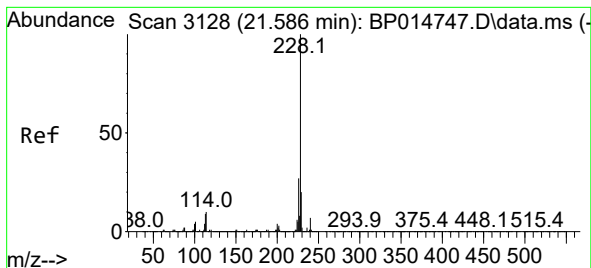
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.2

126 9.9 8.0 12.0





#85

Benzo(a)anthracene

Concen: 30.391 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

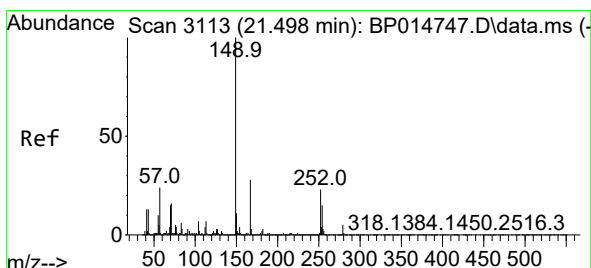
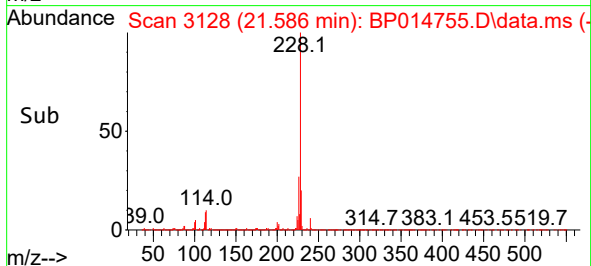
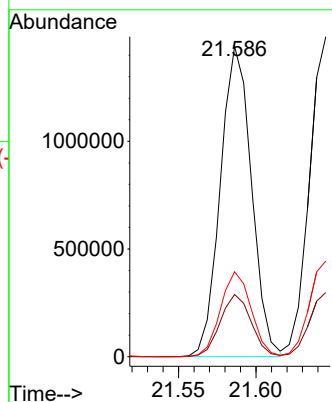
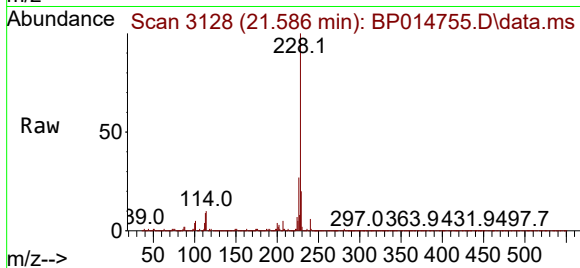
Tgt Ion:228 Resp: 2009440

Ion Ratio Lower Upper

228 100

229 20.1 15.9 23.9

226 27.4 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.352 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

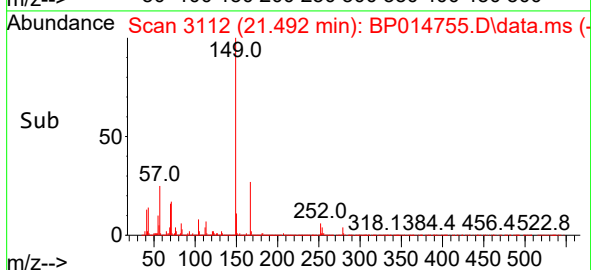
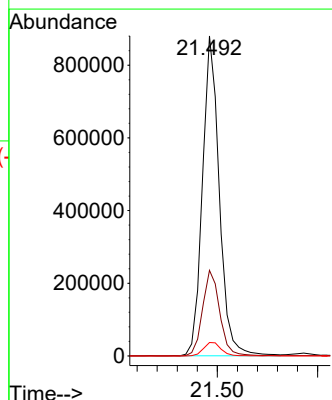
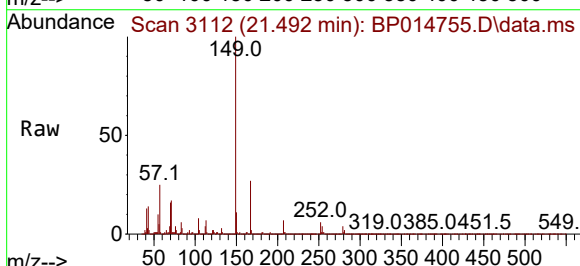
Tgt Ion:149 Resp: 1030396

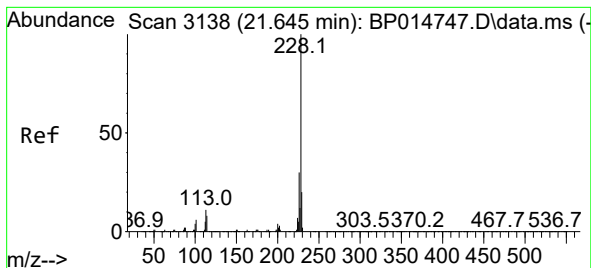
Ion Ratio Lower Upper

149 100

167 26.7 22.0 33.0

279 4.2 3.6 5.4





#87

Chrysene

Concen: 30.863 ng/ul

RT: 21.645 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

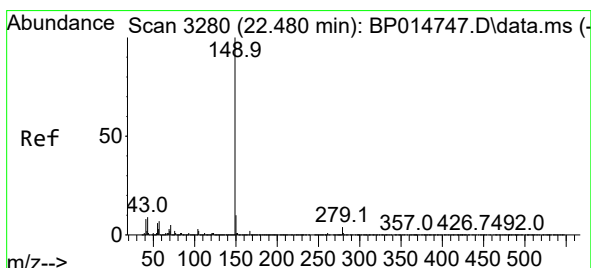
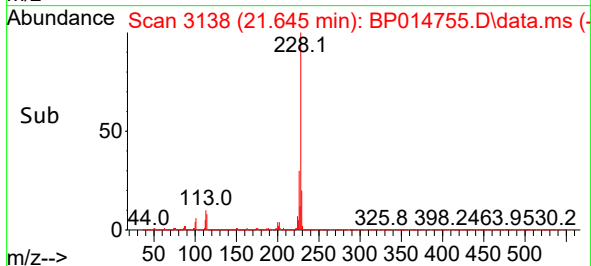
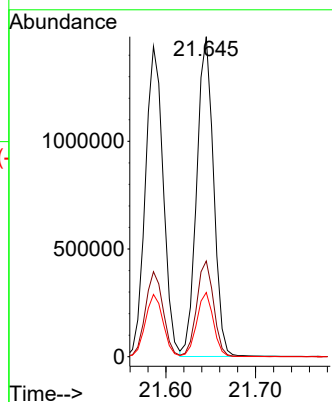
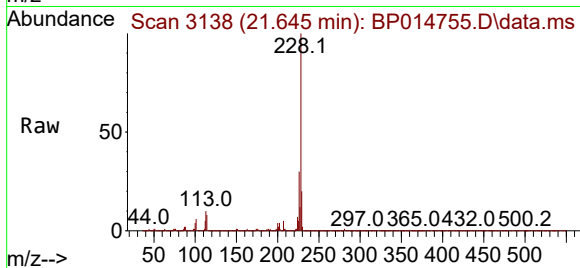
Tgt Ion:228 Resp: 1931861

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 20.1 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 30.184 ng/ul

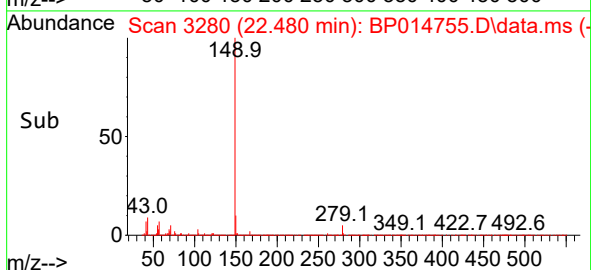
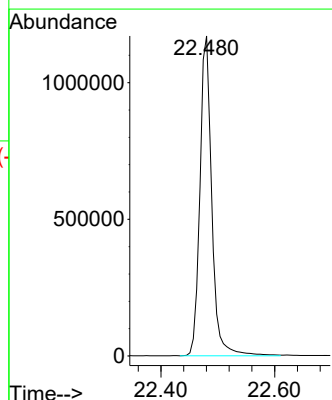
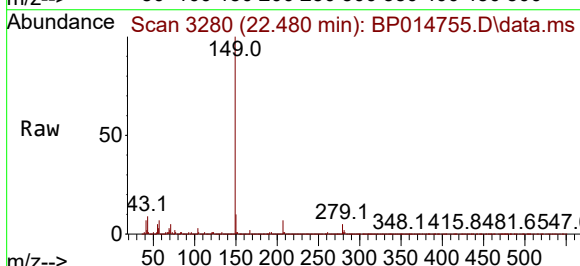
RT: 22.480 min Scan# 3280

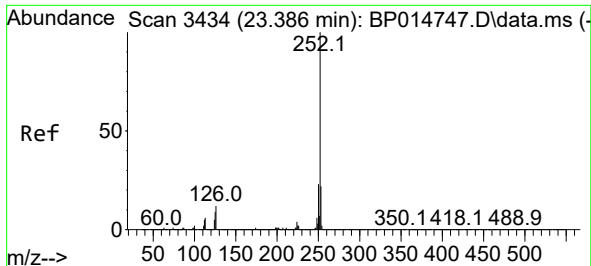
Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Tgt Ion:149 Resp: 1698617

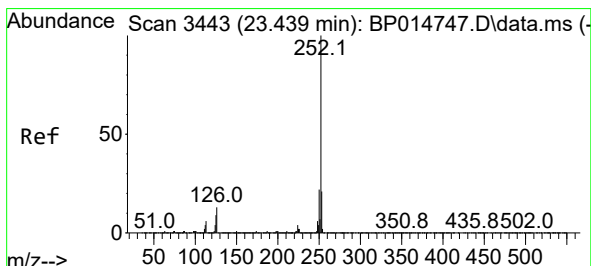
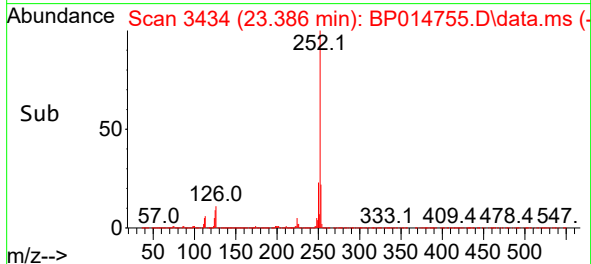
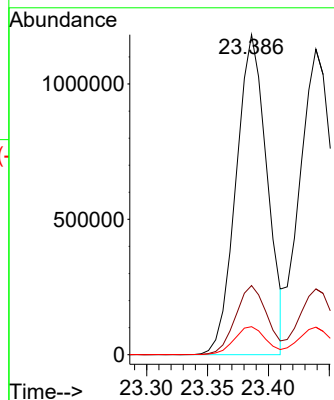
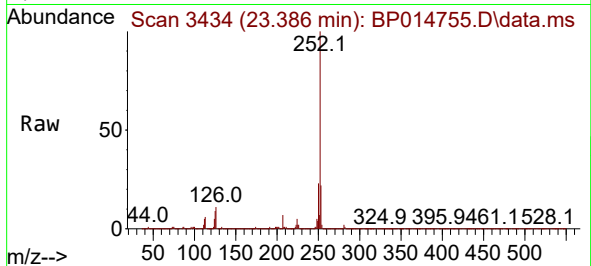




#90
Benzo(b)fluoranthene
Concen: 30.931 ng/ul
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

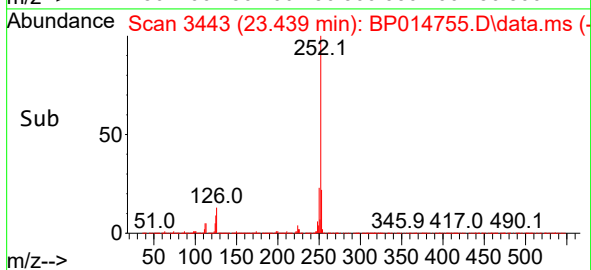
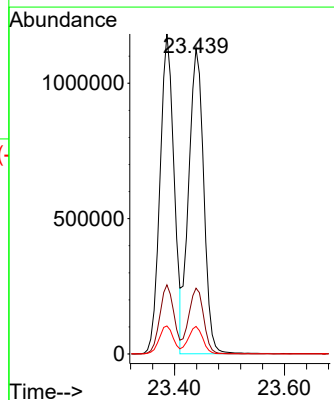
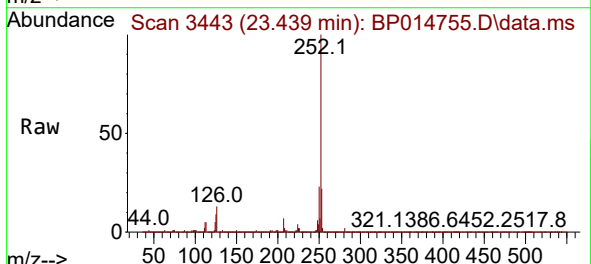
Instrument :
BNA_P
ClientSampleId :

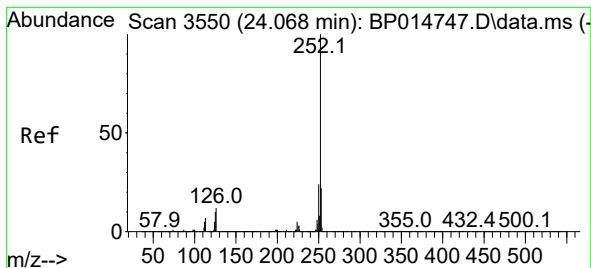
Tgt Ion:252 Resp: 2095745
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.8 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 31.509 ng/ul
RT: 23.439 min Scan# 3443
Delta R.T. -0.000 min
Lab File: BP014755.D
Acq: 20 Apr 2023 14:36

Tgt Ion:252 Resp: 2135126
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.0 7.0 10.4





#93

Benzo(a)pyrene

Concen: 31.493 ng/ul

RT: 24.068 min Scan# 3

Delta R.T. -0.000 min

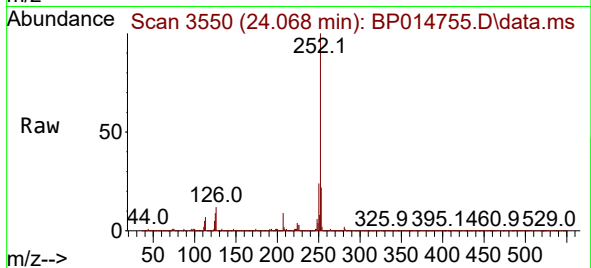
Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :



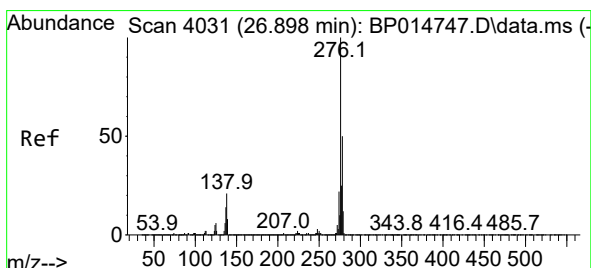
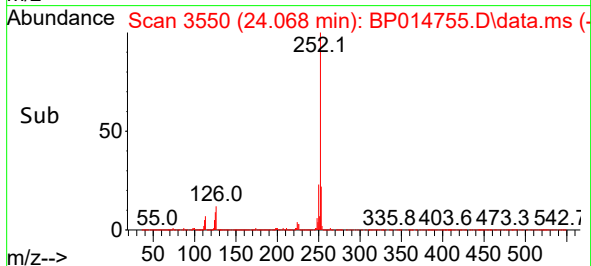
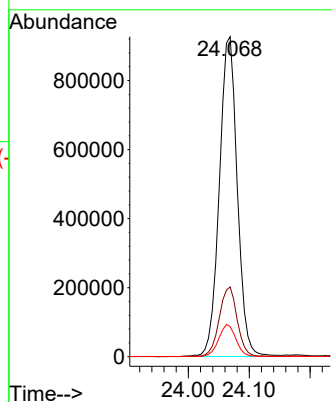
Tgt Ion:252 Resp: 1895037

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.4 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.518 ng/ul

RT: 26.904 min Scan# 4032

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

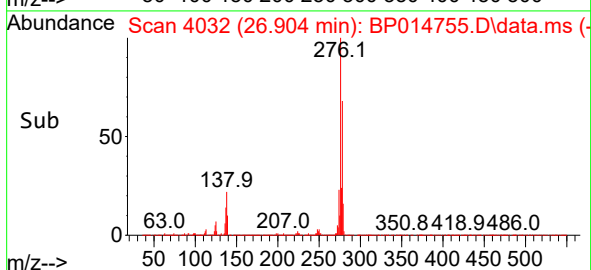
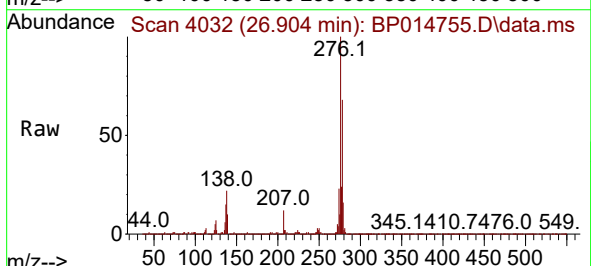
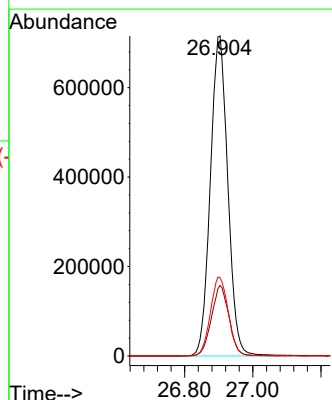
Tgt Ion:276 Resp: 2546761

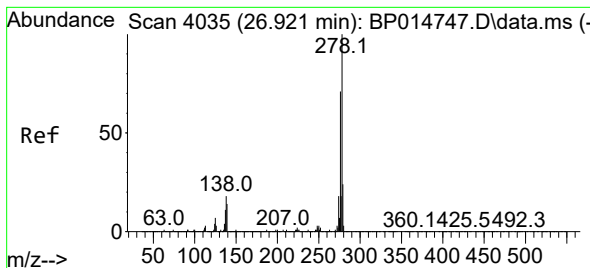
Ion Ratio Lower Upper

276 100

138 22.0 16.3 24.5

277 24.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 32.344 ng/ul

RT: 26.921 min Scan# 4035

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Instrument :

BNA_P

ClientSampleId :

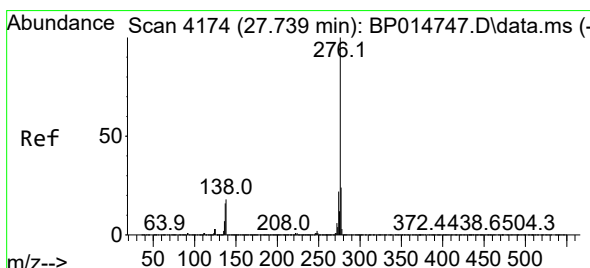
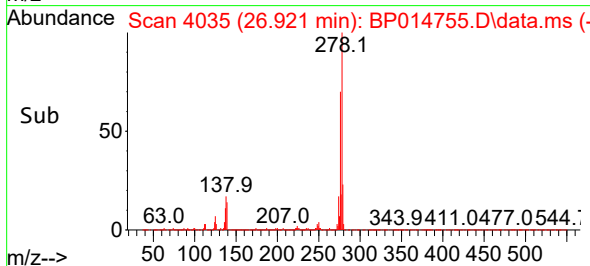
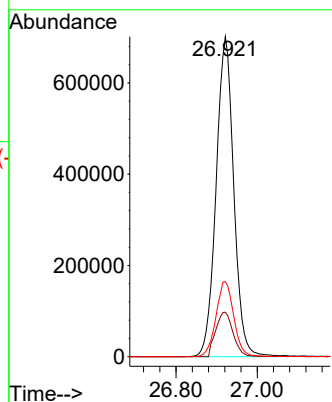
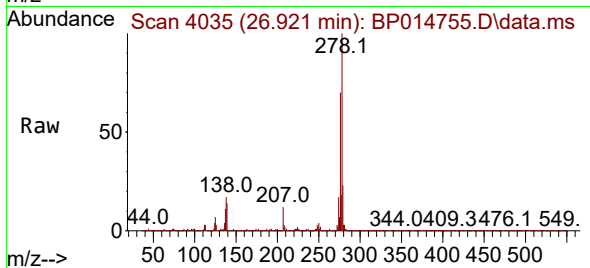
Tgt Ion:278 Resp: 2121359

Ion Ratio Lower Upper

278 100

139 13.9 11.5 17.3

279 23.5 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 32.414 ng/ul

RT: 27.739 min Scan# 4174

Delta R.T. -0.000 min

Lab File: BP014755.D

Acq: 20 Apr 2023 14:36

Tgt Ion:276 Resp: 2030345

Ion Ratio Lower Upper

276 100

138 18.2 14.3 21.5

277 23.6 19.5 29.3

