

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014747.D
 Acq On : 20 Apr 2023 09:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 20 22:37:22 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	201250	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	830717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	507308	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	1110602	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1133696	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1213076	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	43761	8.642	ng/uL	0.00
4) Pyridine-d5	3.917	84	307733	22.322	ng/ul	0.00
7) Phenol-d5	7.287	99	350929	20.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	222019	20.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	279727	21.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	274473	20.234	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	122802	23.591	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	115358	24.536	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	274853	21.531	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	400559	20.558	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	852436	21.221	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	992675	21.324	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	141250	22.107	ng/ul	0.00
60) Fluorene-d10	15.775	176	729221	21.157	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	96992	21.580	ng/ul	0.00
73) Anthracene-d10	17.633	188	1159643	21.614	ng/ul	0.00
81) Pyrene-d10	19.845	212	1355089	20.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1350998	21.488	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	47853	8.750	ng/uL	96
5) Pyridine	3.934	79	309632	22.386	ng/ul	96
6) Benzaldehyde	7.275	77	210958	24.511	ng/ul	95
8) Phenol	7.316	94	378923	20.863	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.563	93	305855	20.769	ng/ul	98
12) 2-Chlorophenol	7.705	128	296072	21.910	ng/ul	99
13) 2-Methylphenol	8.581	108	273280	20.104	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.681	45	384925	20.472	ng/ul	99
16) Acetophenone	8.981	105	476649	21.124	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.963	70	223166	20.334	ng/ul	98
18) 4-Methylphenol	8.916	108	302164	20.457	ng/ul	95
19) Hexachloroethane	9.252	117	123771	21.744	ng/ul	96
22) Nitrobenzene	9.363	77	323536	22.874	ng/ul	99
23) Isophorone	9.893	82	636723	19.937	ng/ul	98
25) 2-Nitrophenol	10.081	139	139136	24.915	ng/ul	99
26) 2,4-Dimethylphenol	10.128	107	332530	21.357	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.375	93	411741	20.809	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	282520	21.927	ng/ul	99
30) Naphthalene	11.028	128	980520	21.061	ng/ul	100
32) 4-Chloroaniline	11.134	127	408274	20.684	ng/ul	99
33) Hexachlorobutadiene	11.316	225	195480	21.449	ng/ul	97
34) Caprolactam	11.887	113	79976	20.499	ng/ul	93
35) 4-Chloro-3-methylphenol	12.234	107	281626	20.914	ng/ul	97
36) 2-Methylnaphthalene	12.622	142	645348	20.764	ng/ul	98

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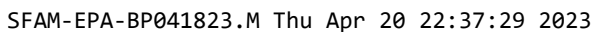
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 ClientSampleId :

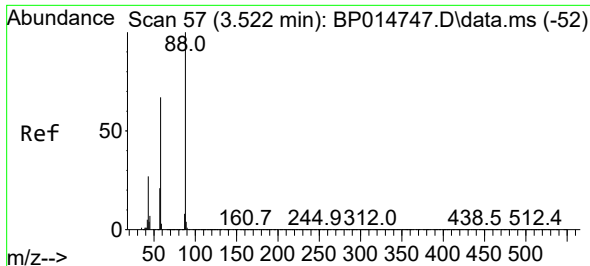
Quant Time: Apr 20 22:37:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	643216	20.875	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	365095	21.386	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	205121	21.235	ng/ul	98
41) 2,4,6-Trichlorophenol	13.216	196	213926	22.123	ng/ul	97
42) 2,4,5-Trichlorophenol	13.287	196	239884	22.931	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	878447	21.354	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	692698	21.550	ng/ul	99
45) 2-Nitroaniline	13.857	65	148256	24.365	ng/ul	99
47) Dimethylphthalate	14.228	163	853226	21.087	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	134138	24.305	ng/ul	91
50) Acenaphthylene	14.504	152	1072973	21.267	ng/ul	99
51) 3-Nitroaniline	14.675	138	145565	23.189	ng/ul#	94
52) Acenaphthene	14.845	153	732737	21.301	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	54778	20.513	ng/ul	95
55) 4-Nitrophenol	14.963	109	117269	22.375	ng/ul	96
56) Dibenzofuran	15.181	168	1042457	21.531	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	201842	24.926	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.398	232	199296	22.435	ng/ul	95
59) Diethylphthalate	15.592	149	837427	21.330	ng/ul	100
61) Fluorene	15.828	166	862624	21.827	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	430214	21.289	ng/ul	100
63) 4-Nitroaniline	15.834	138	156525	24.948	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	101815	21.279	ng/ul	91
67) N-Nitrosodiphenylamine	16.028	169	708403	21.405	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	264293	21.234	ng/ul	98
69) Hexachlorobenzene	16.833	284	304949	21.116	ng/ul	98
70) Atrazine	16.975	200	245376	20.876	ng/ul	99
71) Pentachlorophenol	17.175	266	159898	20.340	ng/ul	98
72) Phenanthrene	17.575	178	1338087	21.378	ng/ul	100
74) Anthracene	17.669	178	1374846	21.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	372420	21.475	ng/ul	98
76) Pentachlorobenzene	15.098	250	365725	21.381	ng/ul	99
77) Carbazole	17.928	167	1207645	21.679	ng/ul	100
78) Di-n-butylphthalate	18.463	149	1373961	21.725	ng/ul	99
80) Fluoranthene	19.522	202	1563348	20.690	ng/ul	100
82) Pyrene	19.874	202	1677741	20.983	ng/ul	99
83) Butylbenzylphthalate	20.727	149	490388	22.466	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	549269	21.640	ng/ul	100
85) Benzo(a)anthracene	21.586	228	1683032	21.357	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	808295	21.952	ng/ul	100
87) Chrysene	21.645	228	1606288	21.531	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1299557	19.800	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1664359	21.062	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	1728577	21.872	ng/ul	100
93) Benzo(a)pyrene	24.068	252	1519938	21.658	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	1968396	21.550	ng/ul	100
95) Dibenzo(a,h)anthracene	26.921	278	1647813	21.542	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	1576651	21.582	ng/ul	99

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

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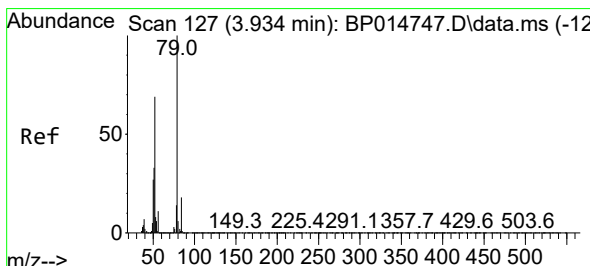
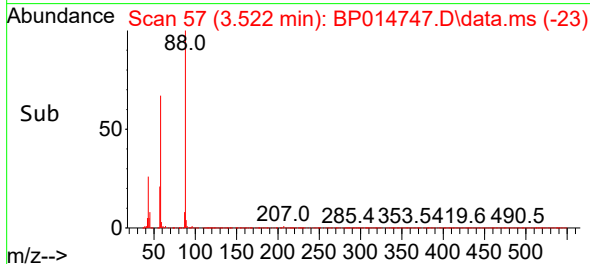
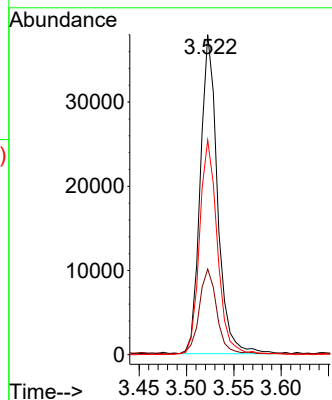
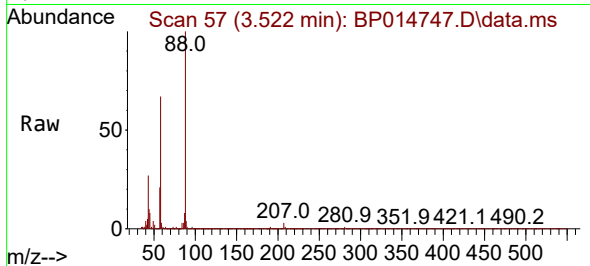




#2
 1,4-Dioxane
 Concen: 8.750 ng/uL
 RT: 3.522 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

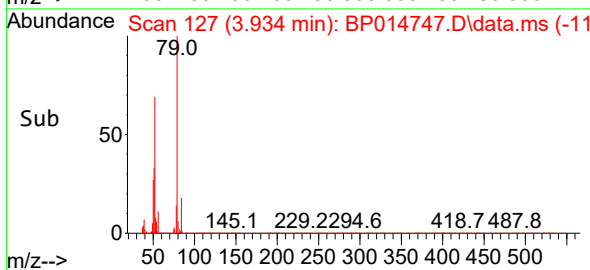
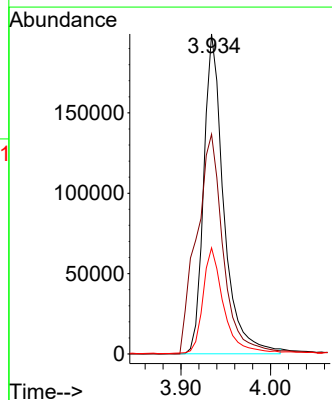
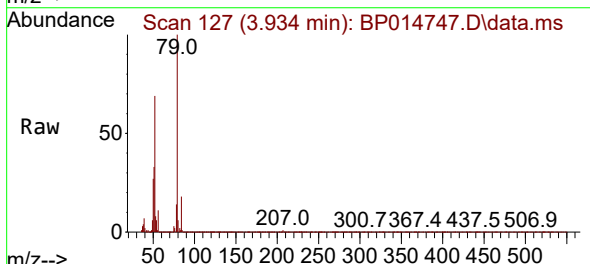
Instrument :
 BNA_P
 ClientSampleId :

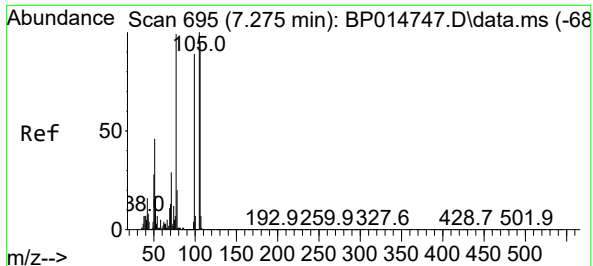
Tgt Ion: 88 Resp: 47853
 Ion Ratio Lower Upper
 88 100
 43 26.8 25.0 37.6
 58 67.0 54.9 82.3



#5
 Pyridine
 Concen: 22.386 ng/uL
 RT: 3.934 min Scan# 127
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Tgt Ion: 79 Resp: 309632
 Ion Ratio Lower Upper
 79 100
 52 68.6 58.3 87.5
 51 33.1 27.8 41.6

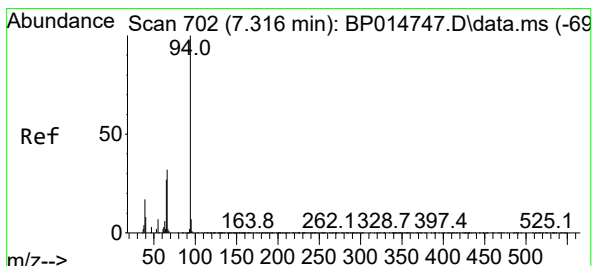
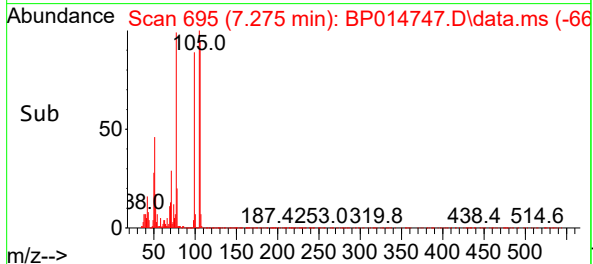
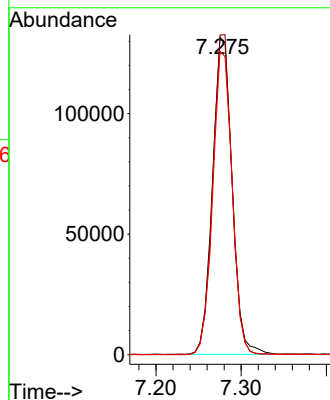
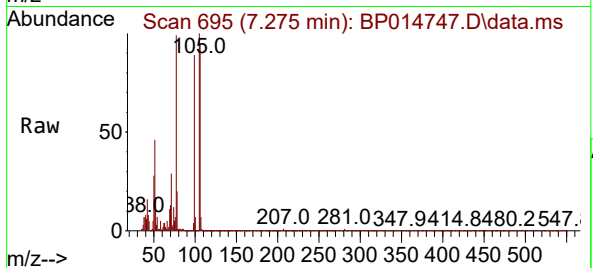




#6
Benzaldehyde
Concen: 24.511 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

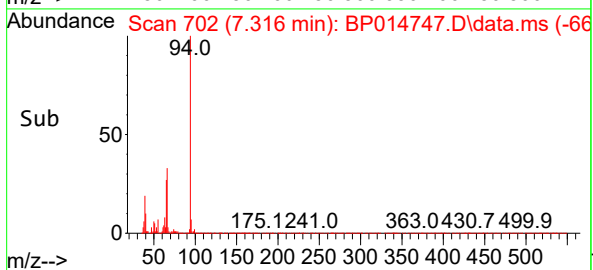
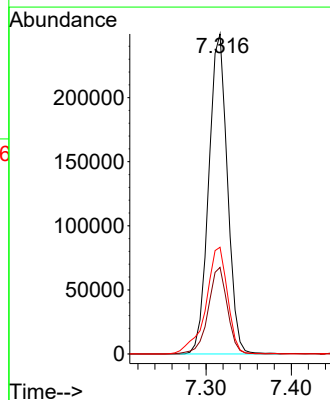
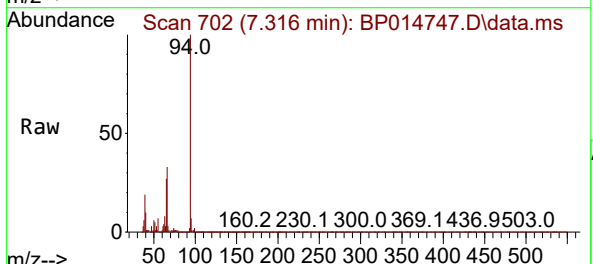
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ClientSampleId :

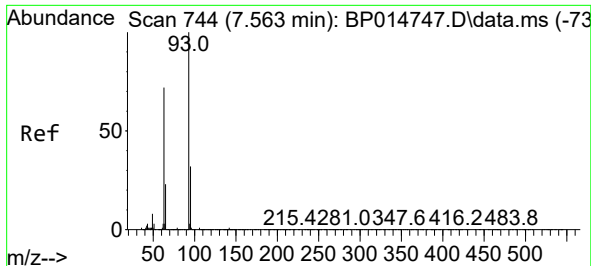
Tgt Ion: 77 Resp: 210958
Ion Ratio Lower Upper
77 100
105 100.8 76.6 114.8
106 95.6 73.3 109.9



#8
Phenol
Concen: 20.863 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion: 94 Resp: 378923
Ion Ratio Lower Upper
94 100
65 27.0 21.4 32.0
66 33.4 29.2 43.8



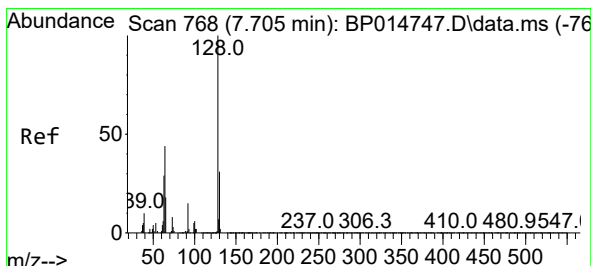
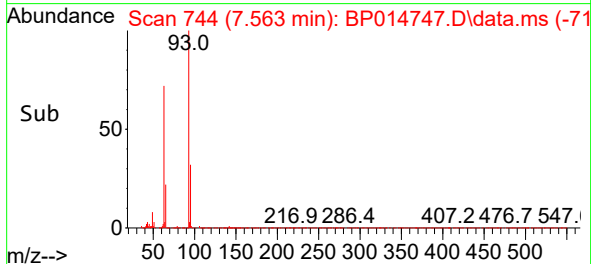
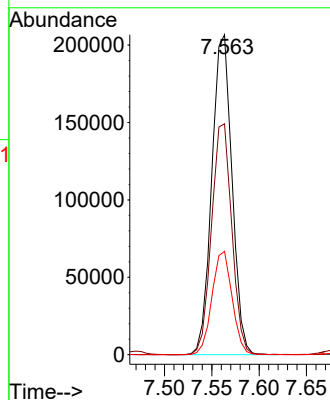
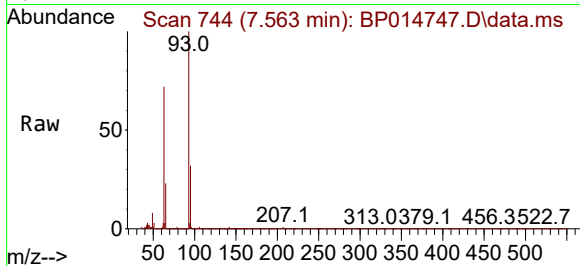


#10
 Bis(2-Chloroethyl)ether
 Concen: 20.769 ng/ul
 RT: 7.563 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 305855

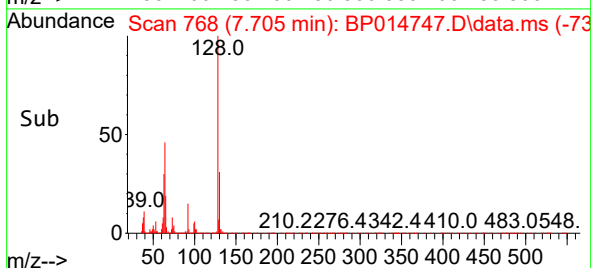
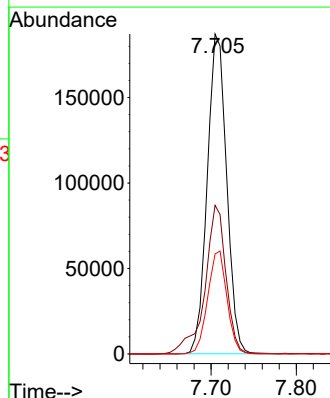
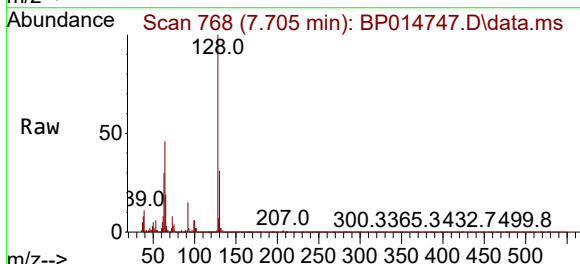
Ion	Ratio	Lower	Upper
93	100		
63	72.1	59.1	88.7
95	32.3	25.1	37.7

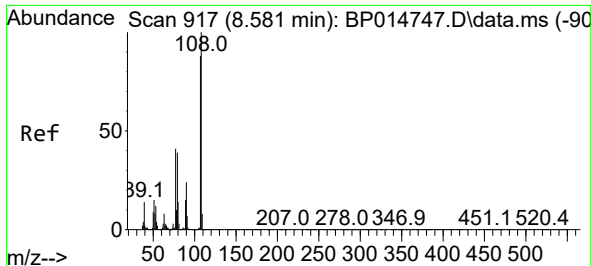


#12
 2-Chlorophenol
 Concen: 21.910 ng/ul
 RT: 7.705 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Tgt Ion:128 Resp: 296072

Ion	Ratio	Lower	Upper
128	100		
64	46.5	37.5	56.3
130	31.3	25.8	38.6

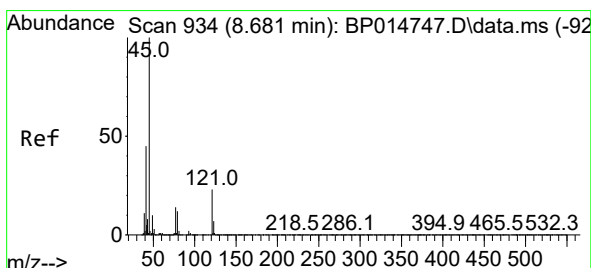
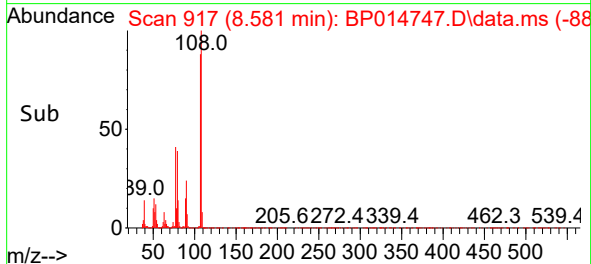
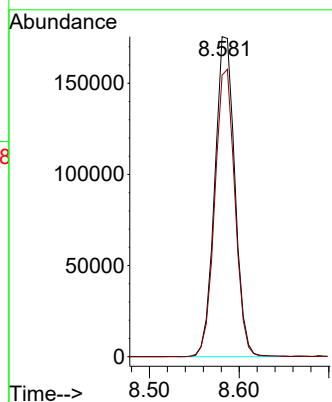
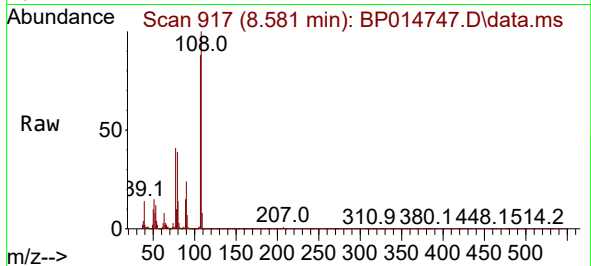




#13
2-Methylphenol
Concen: 20.104 ng/ul
RT: 8.581 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

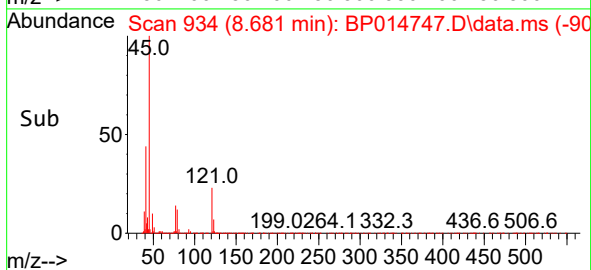
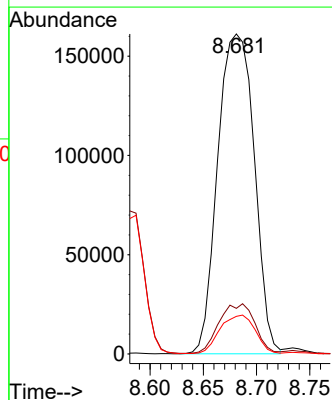
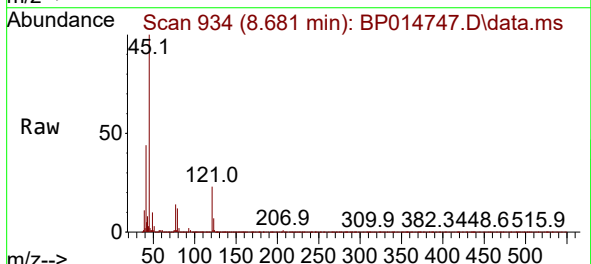
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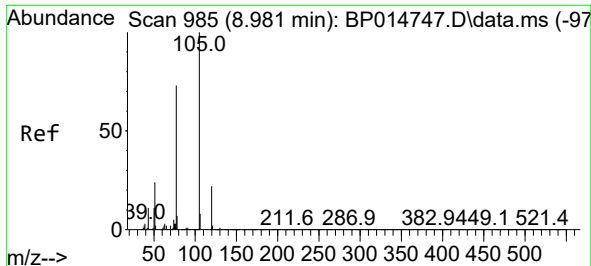
Tgt Ion:108 Resp: 273280
Ion Ratio Lower Upper
108 100
107 88.0 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.472 ng/ul
RT: 8.681 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion: 45 Resp: 384925
Ion Ratio Lower Upper
45 100
77 14.3 11.6 17.4
79 11.8 9.2 13.8

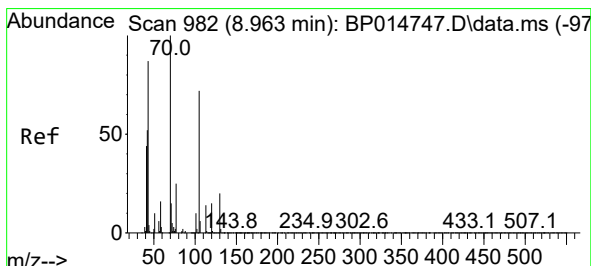
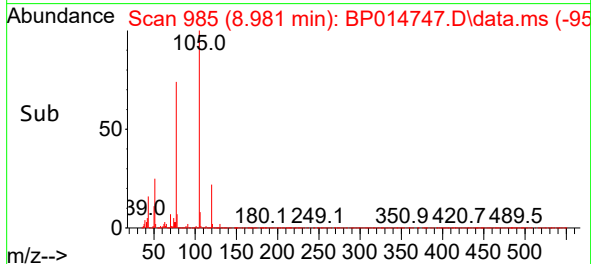
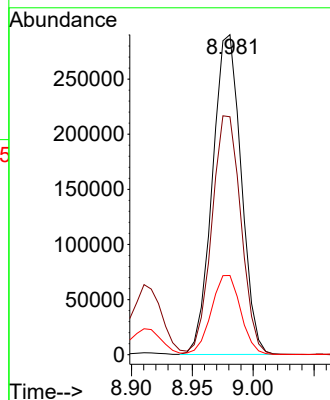
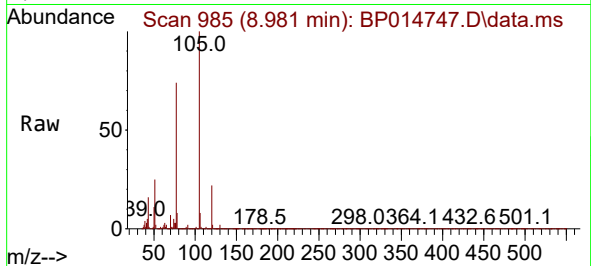




#16
Acetophenone
Concen: 21.124 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

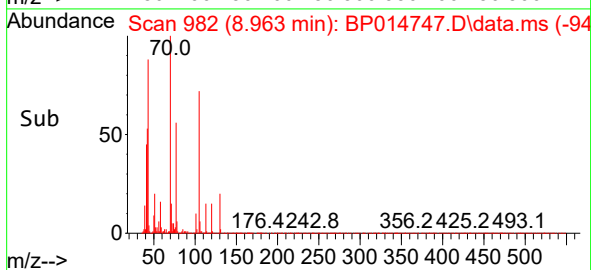
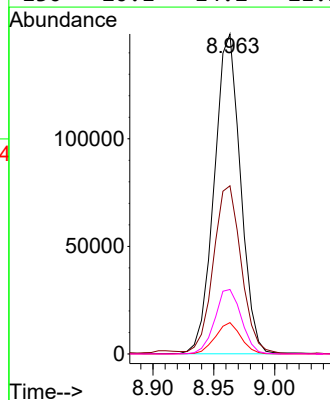
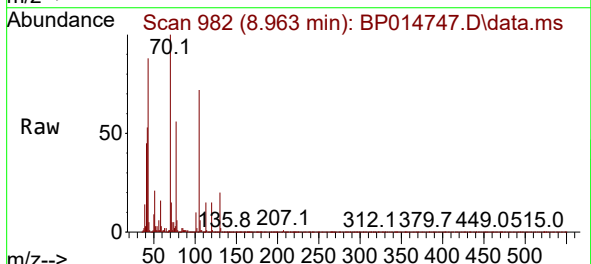
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BNA_P
ClientSampleId :

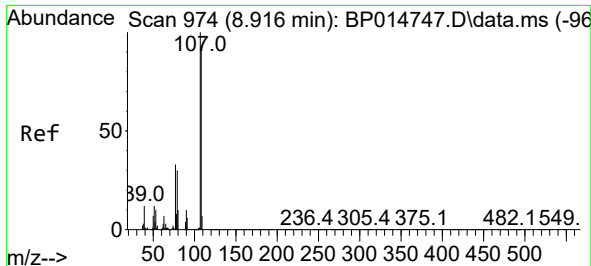
Tgt Ion:105 Resp: 476649
Ion Ratio Lower Upper
105 100
77 74.3 60.6 91.0
51 24.8 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 20.334 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

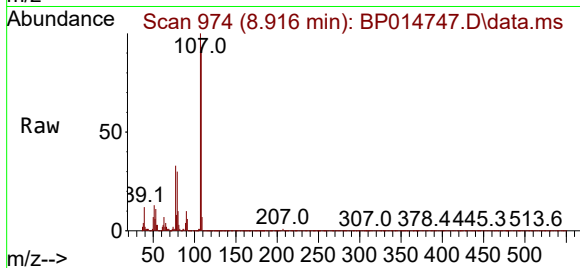
Tgt Ion: 70 Resp: 223166
Ion Ratio Lower Upper
70 100
42 52.6 42.9 64.3
101 9.8 7.6 11.4
130 20.1 14.2 21.2



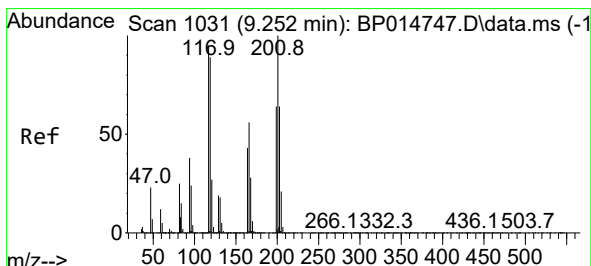
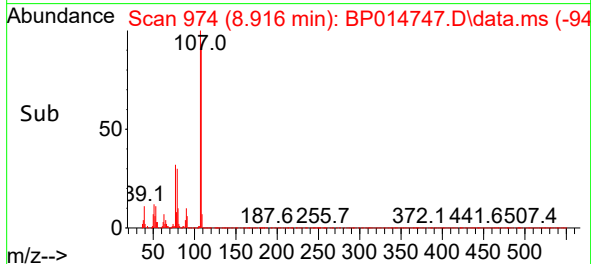
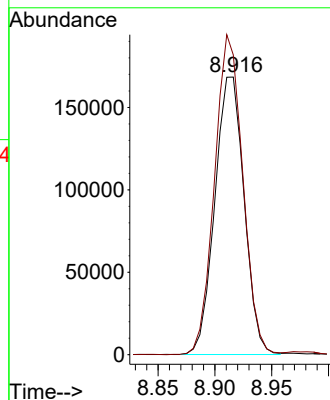


#18
4-Methylphenol
Concen: 20.457 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Instrument :
BNA_P
ClientSampleId :

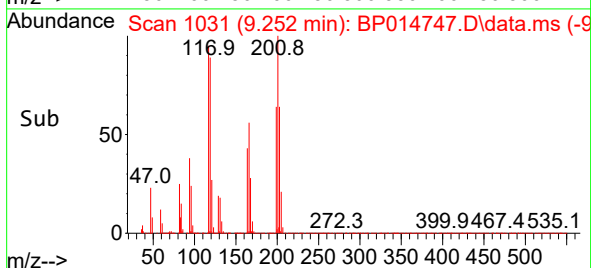
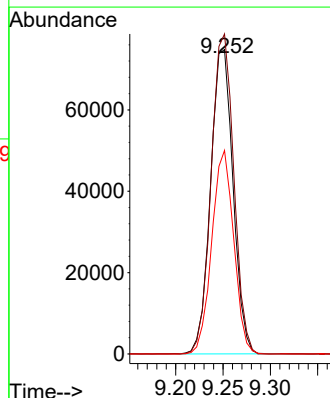
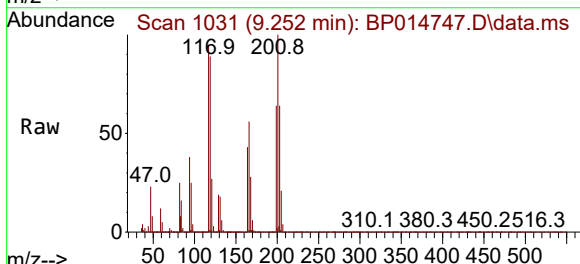


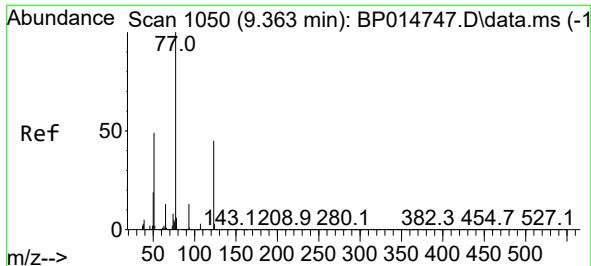
Tgt Ion:108 Resp: 302164
Ion Ratio Lower Upper
108 100
107 108.0 90.8 136.2



#19
Hexachloroethane
Concen: 21.744 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:117 Resp: 123771
Ion Ratio Lower Upper
117 100
201 105.2 81.0 121.4
199 66.9 51.5 77.3

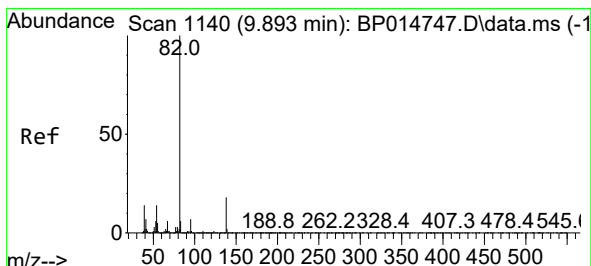
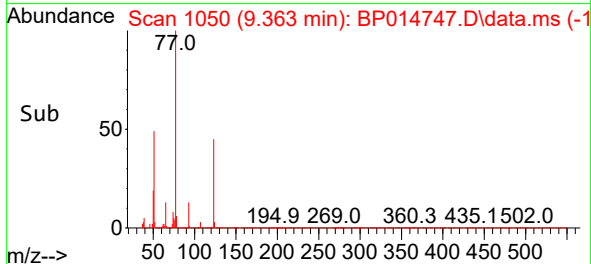
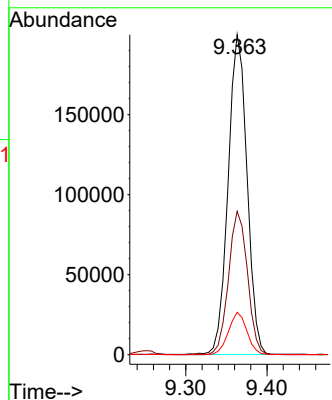
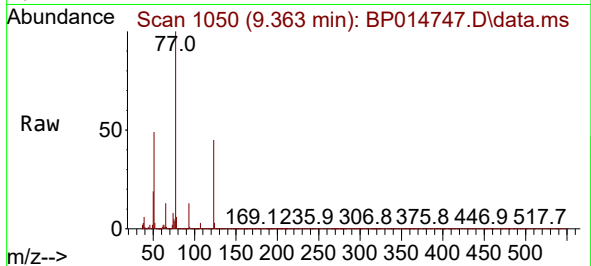




#22
Nitrobenzene
Concen: 22.874 ng/ul
RT: 9.363 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

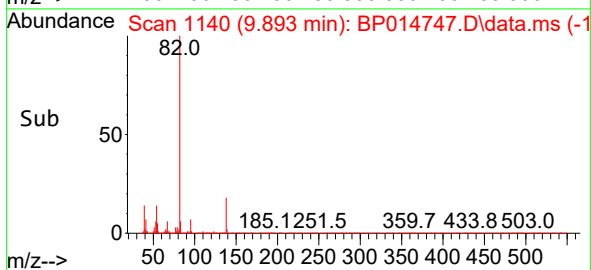
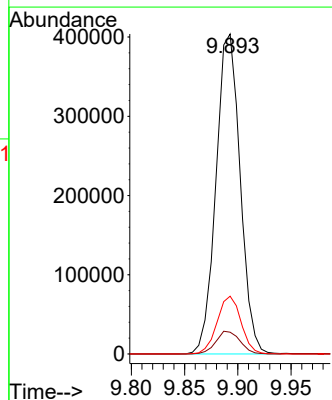
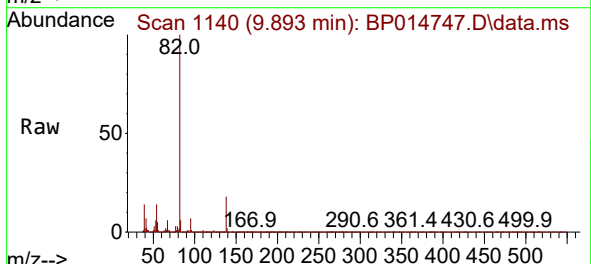
Instrument :
BNA_P
ClientSampleId :

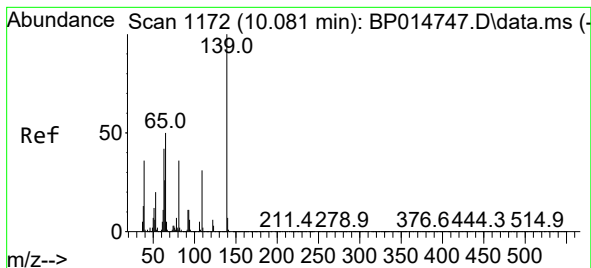
Tgt Ion: 77 Resp: 323536
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.2
65 13.3 10.8 16.2



#23
Isophorone
Concen: 19.937 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion: 82 Resp: 636723
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 18.0 13.6 20.4

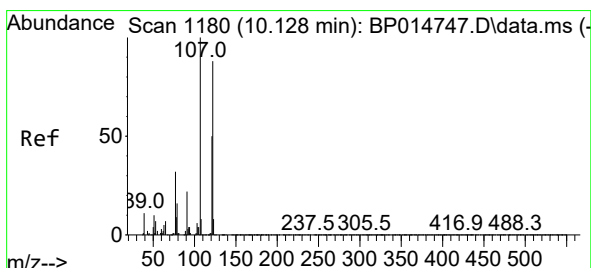
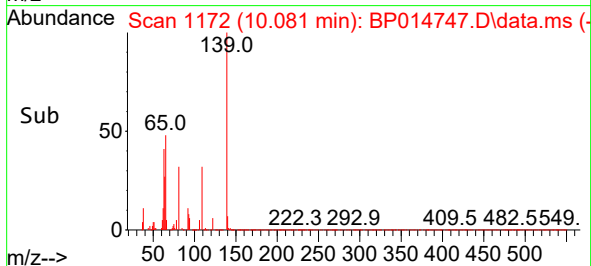
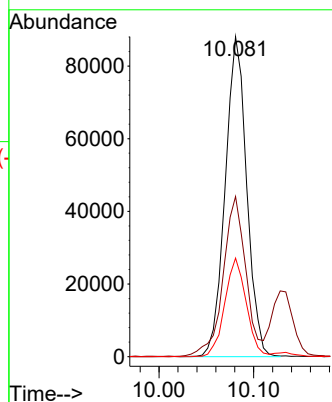
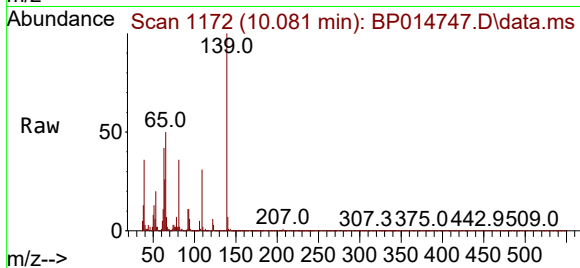




#25
2-Nitrophenol
Concen: 24.915 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

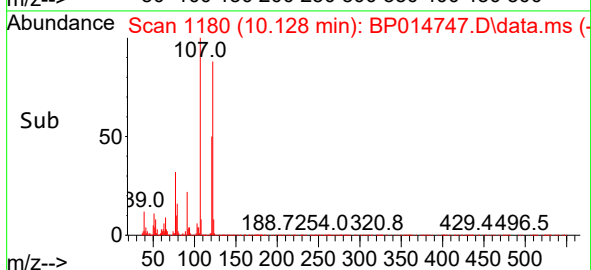
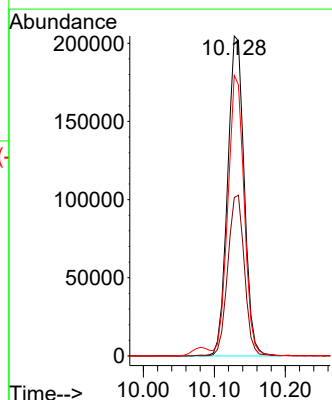
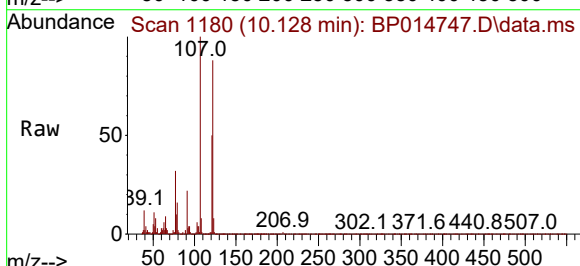
Instrument :
BNA_P
ClientSampleId :

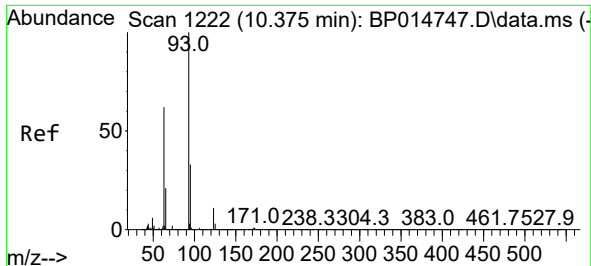
Tgt Ion:139 Resp: 139136
Ion Ratio Lower Upper
139 100
65 50.0 39.4 59.2
109 30.8 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 21.357 ng/ul
RT: 10.128 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:107 Resp: 332530
Ion Ratio Lower Upper
107 100
121 49.5 40.2 60.2
122 87.7 69.2 103.8

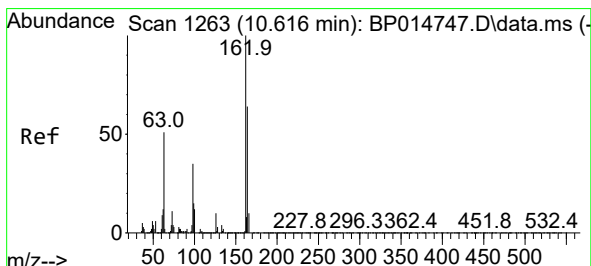
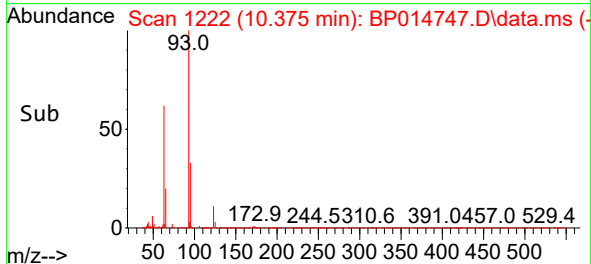
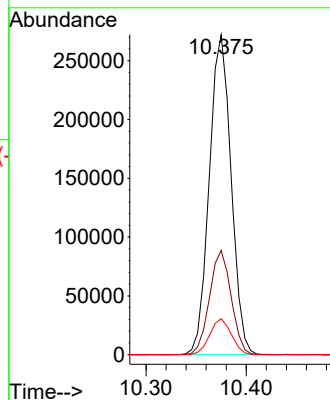
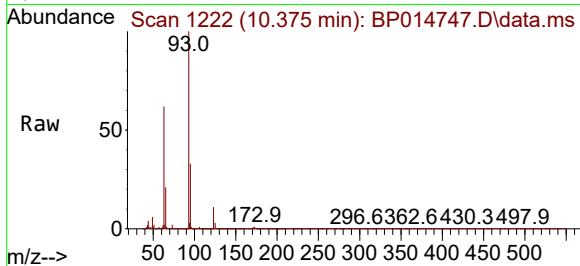




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.809 ng/ul
 RT: 10.375 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

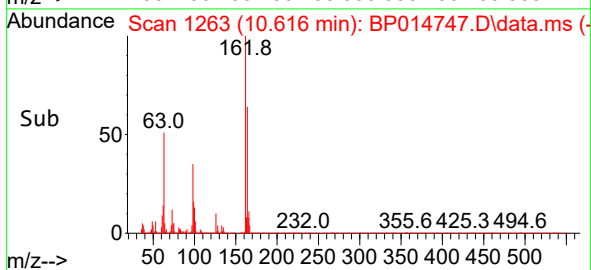
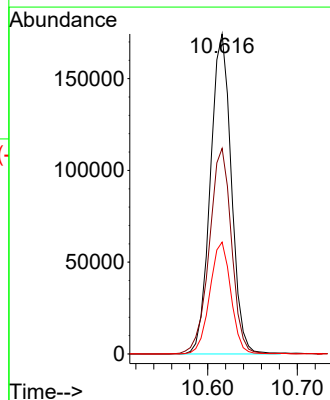
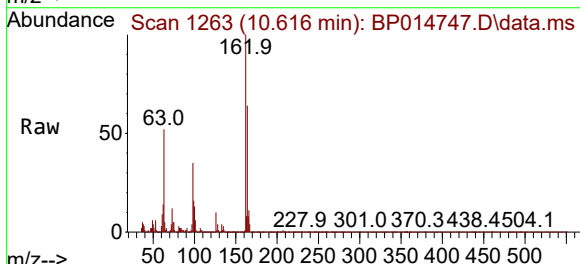
Instrument :
 BNA_P
 ClientSampleId :

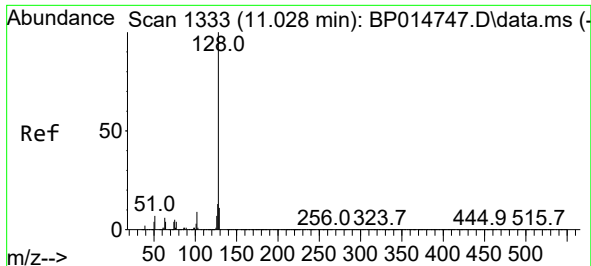
Tgt Ion: 93 Resp: 411741
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.9 38.9
 123 11.2 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 21.927 ng/ul
 RT: 10.616 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Tgt Ion: 162 Resp: 282520
 Ion Ratio Lower Upper
 162 100
 164 64.2 50.6 76.0
 98 35.0 28.8 43.2

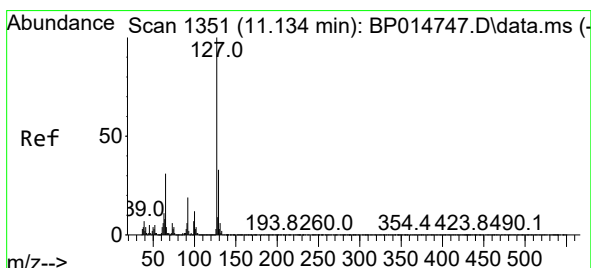
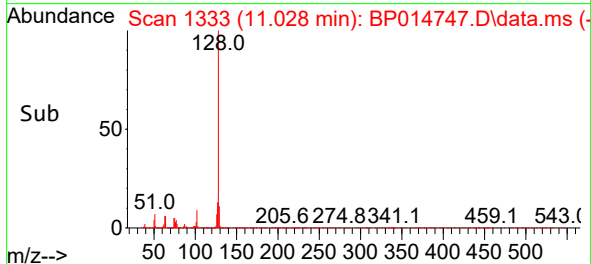
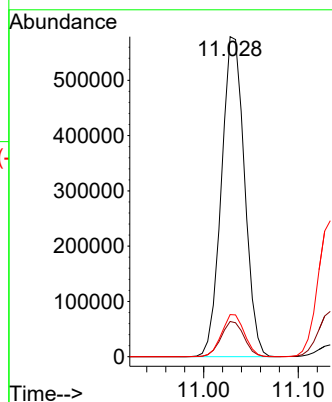
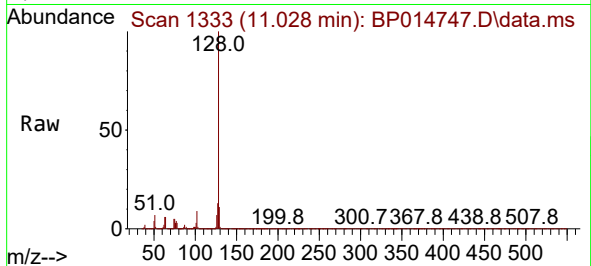




#30
Naphthalene
Concen: 21.061 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

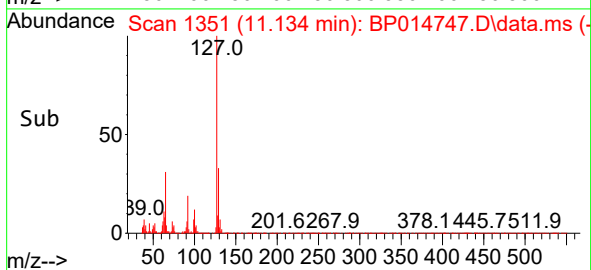
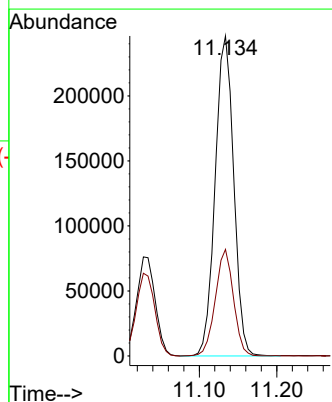
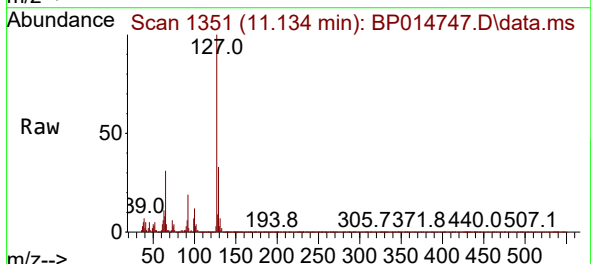
Instrument :
BNA_P
ClientSampleId :

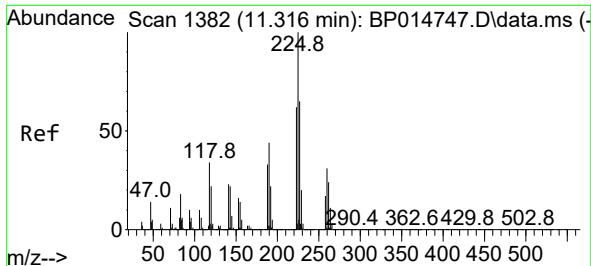
Tgt Ion:128 Resp: 980520
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 20.684 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:127 Resp: 408274
Ion Ratio Lower Upper
127 100
129 33.3 26.0 39.0

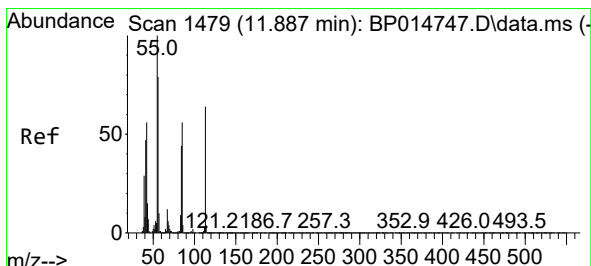
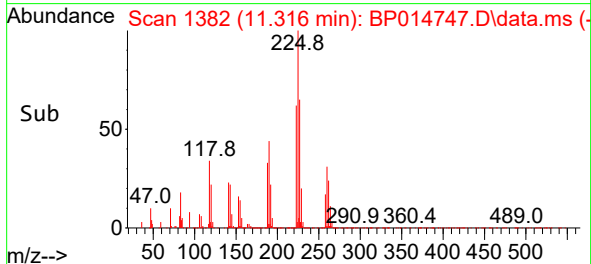
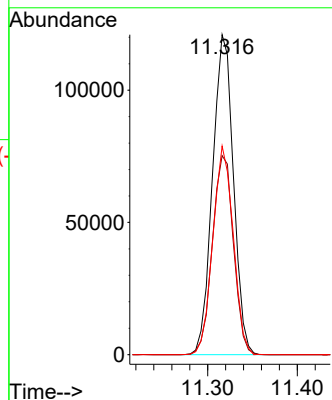
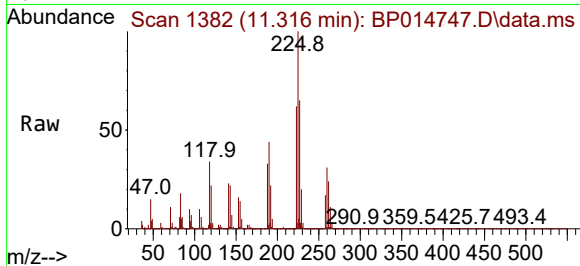




#33
Hexachlorobutadiene
Concen: 21.449 ng/ul
RT: 11.316 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

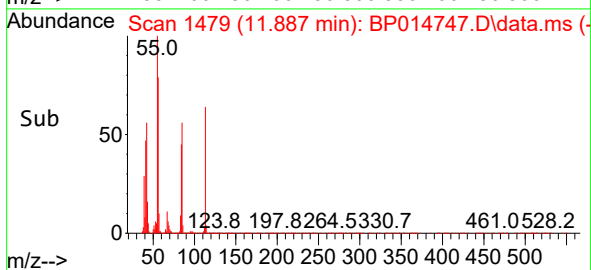
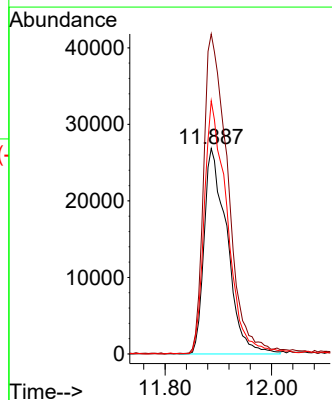
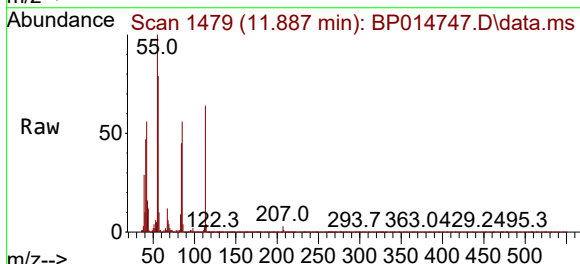
Instrument :
BNA_P
ClientSampleId :

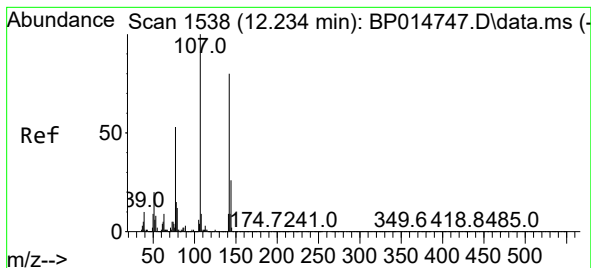
Tgt Ion:225 Resp: 195480
Ion Ratio Lower Upper
225 100
223 62.2 49.2 73.8
227 65.2 49.4 74.2



#34
Caprolactam
Concen: 20.499 ng/ul
RT: 11.887 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:113 Resp: 79976
Ion Ratio Lower Upper
113 100
55 155.7 135.4 203.0
56 123.2 101.0 151.4

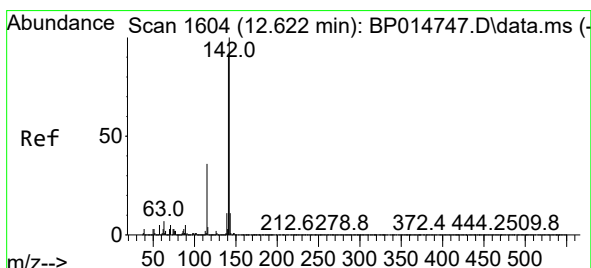
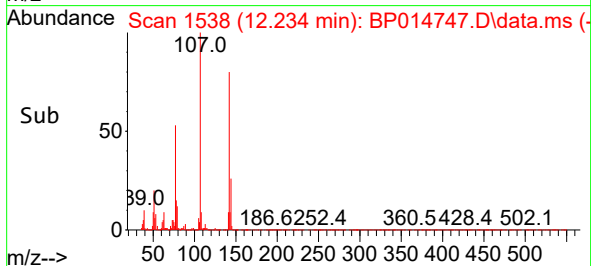
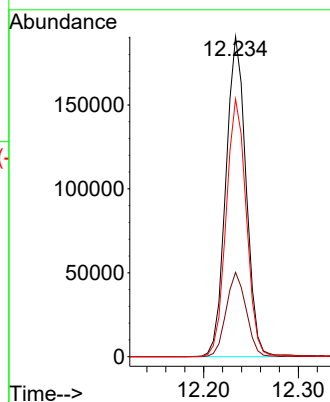
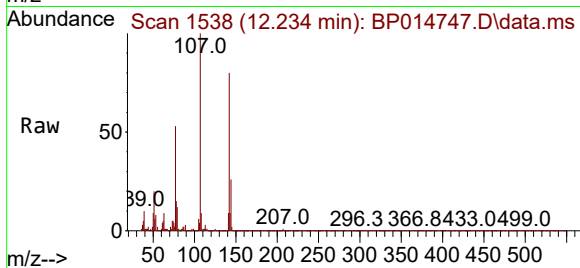




#35
4-Chloro-3-methylphenol
Concen: 20.914 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

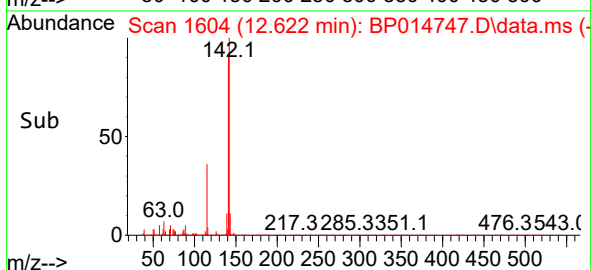
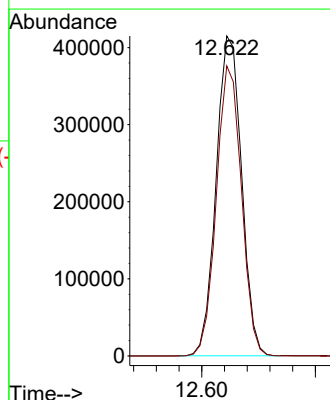
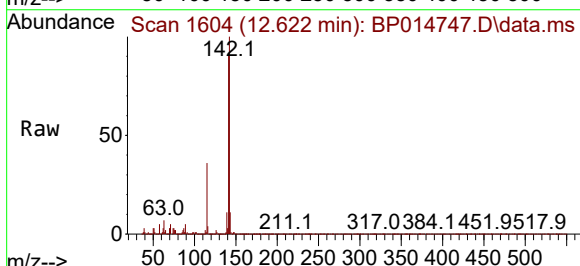
Instrument :
BNA_P
ClientSampleId :

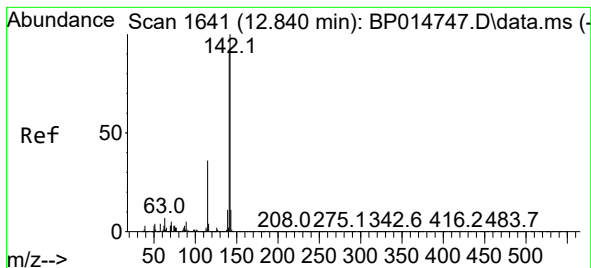
Tgt Ion:107 Resp: 281626
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 80.5 61.9 92.9



#36
2-Methylnaphthalene
Concen: 20.764 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:142 Resp: 645348
Ion Ratio Lower Upper
142 100
141 90.7 70.9 106.3





#37

1-Methylnaphthalene

Concen: 20.875 ng/ul

RT: 12.840 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

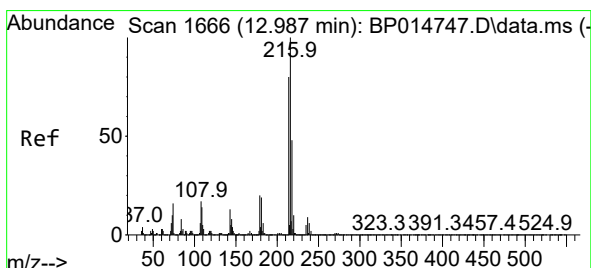
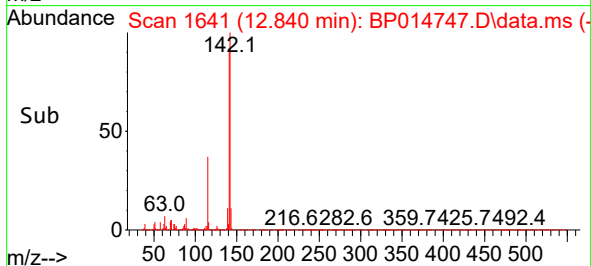
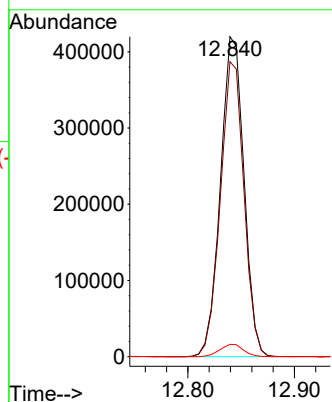
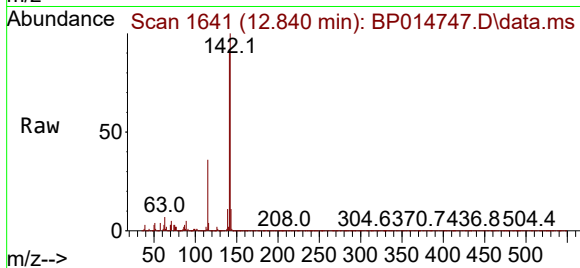
Tgt Ion:142 Resp: 643216

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: 21.386 ng/ul

RT: 12.987 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Tgt Ion:216 Resp: 365095

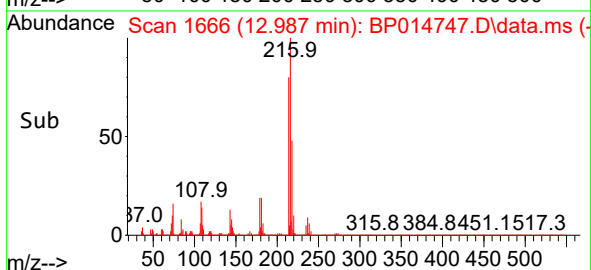
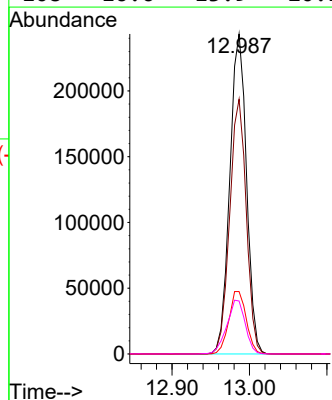
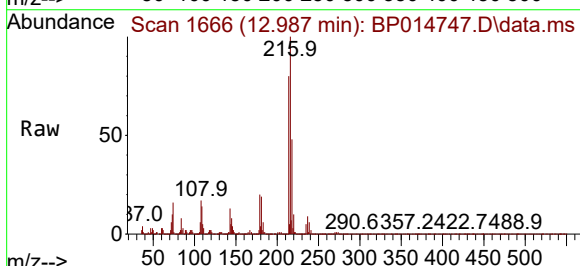
Ion Ratio Lower Upper

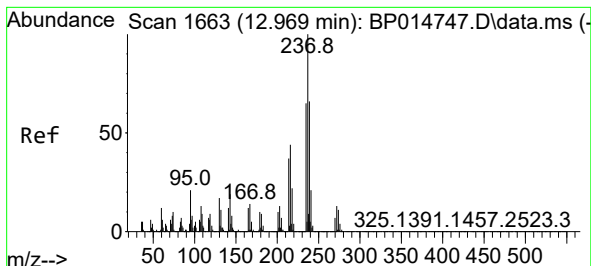
216 100

214 79.6 61.7 92.5

179 19.5 15.5 23.3

108 16.6 13.9 20.9





#40

Hexachlorocyclopentadiene

Concen: 21.235 ng/ul

RT: 12.969 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

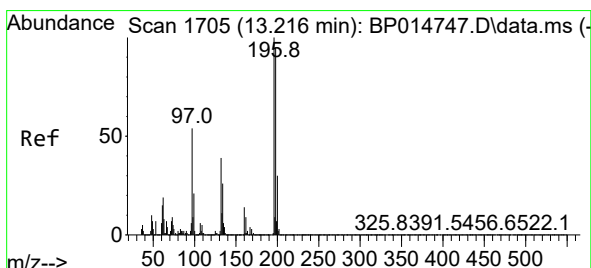
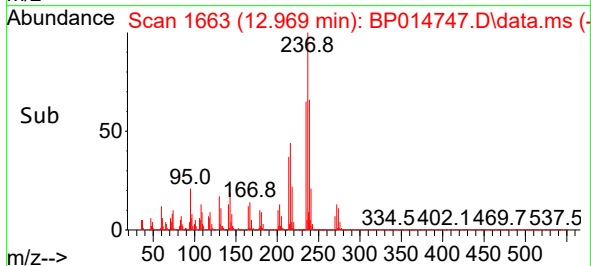
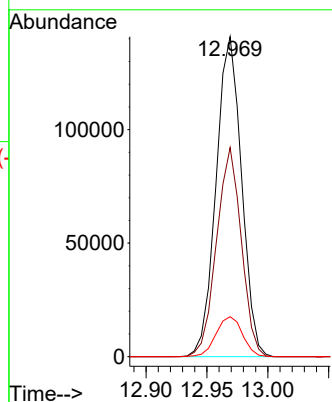
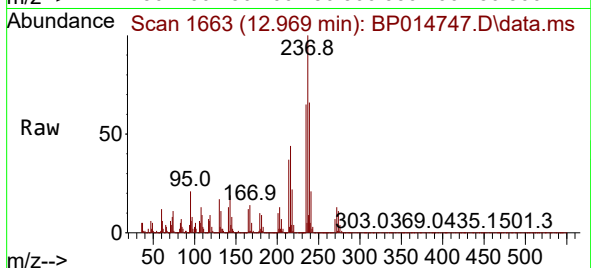
Tgt Ion:237 Resp: 205121

Ion Ratio Lower Upper

237 100

235 65.4 50.6 76.0

272 13.2 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 22.123 ng/ul

RT: 13.216 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

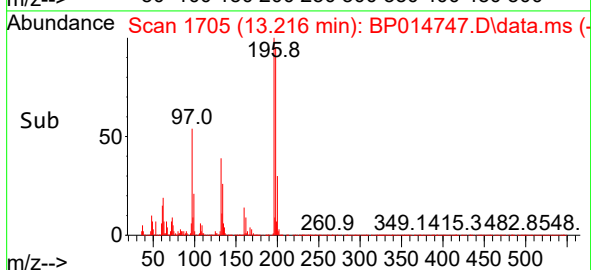
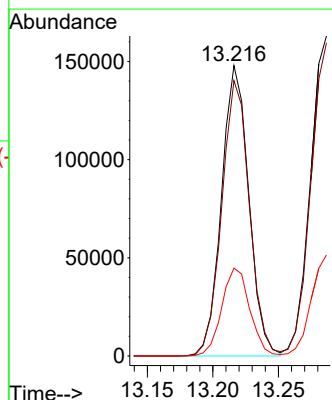
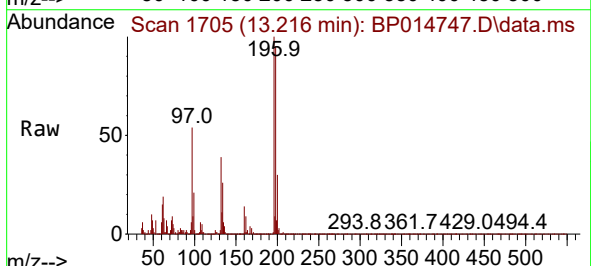
Tgt Ion:196 Resp: 213926

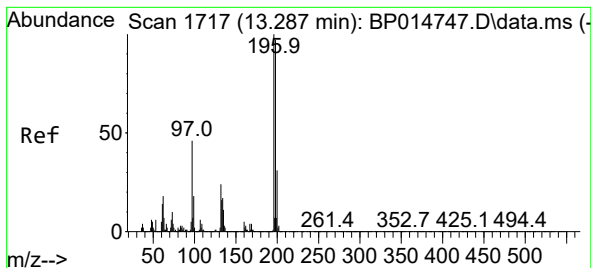
Ion Ratio Lower Upper

196 100

198 94.9 77.8 116.8

200 30.3 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 22.931 ng/ul

RT: 13.287 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

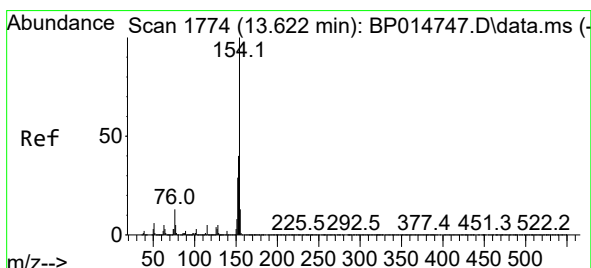
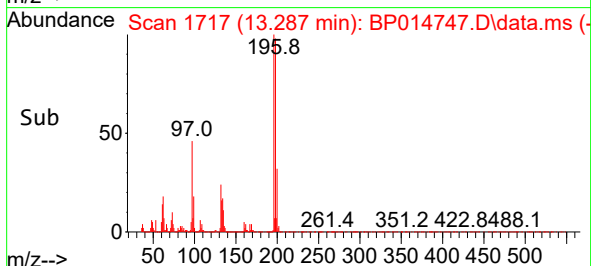
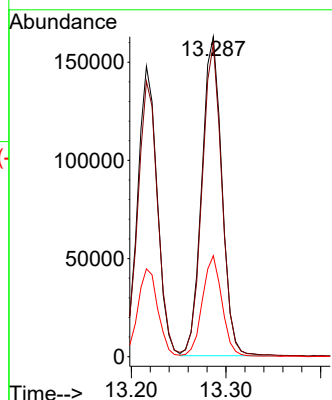
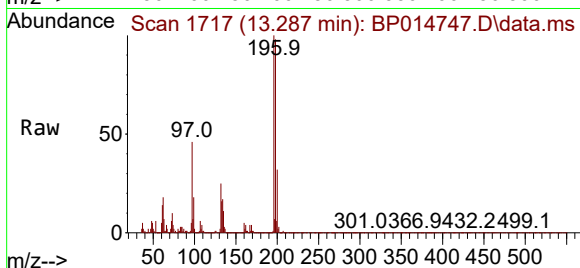
Tgt Ion:196 Resp: 239884

Ion Ratio Lower Upper

196 100

198 97.8 78.0 117.0

200 31.5 24.7 37.1



#43

1,1'-Biphenyl

Concen: 21.354 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

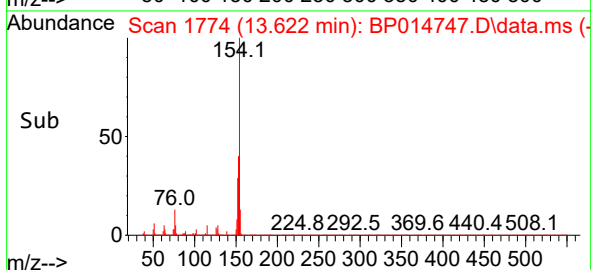
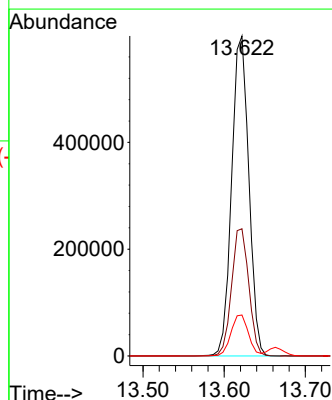
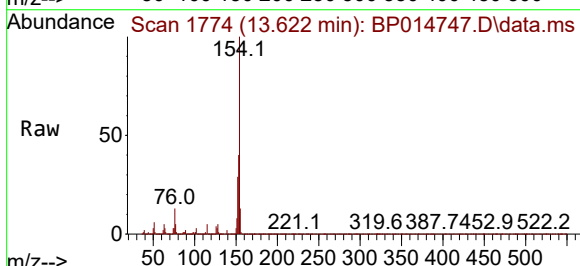
Tgt Ion:154 Resp: 878447

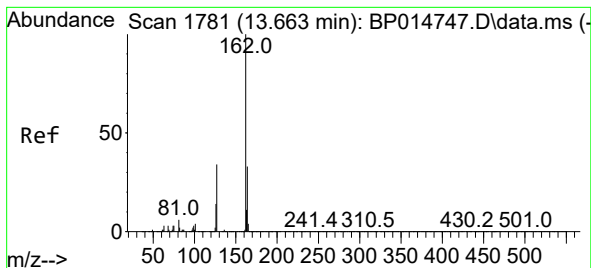
Ion Ratio Lower Upper

154 100

153 39.7 31.9 47.9

76 12.8 10.8 16.2





#44

2-Chloronaphthalene

Concen: 21.550 ng/ul

RT: 13.663 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

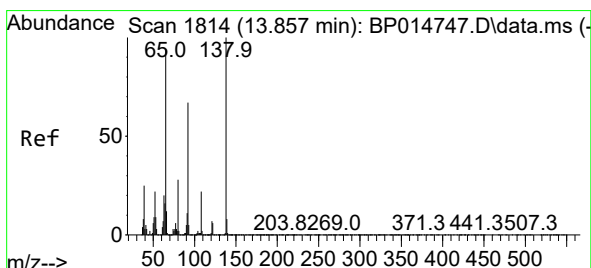
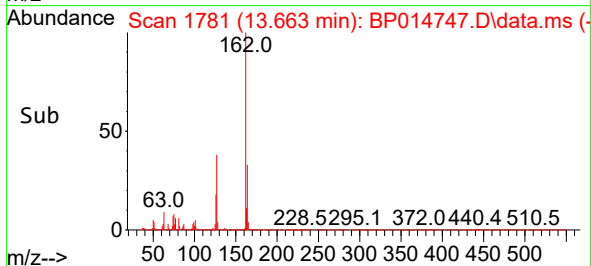
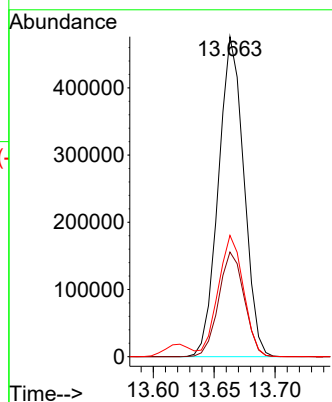
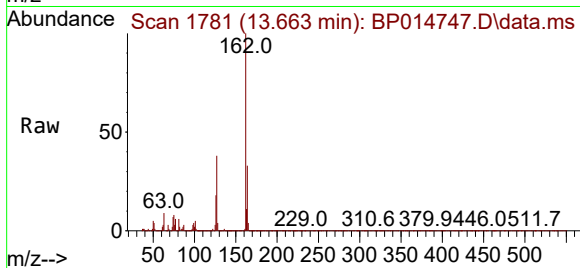
Tgt Ion:162 Resp: 692698

Ion Ratio Lower Upper

162 100

164 32.7 26.6 39.8

127 37.9 30.5 45.7



#45

2-Nitroaniline

Concen: 24.365 ng/ul

RT: 13.857 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

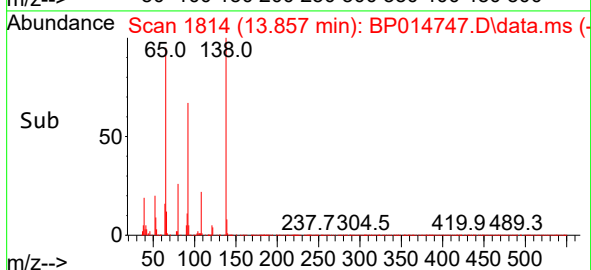
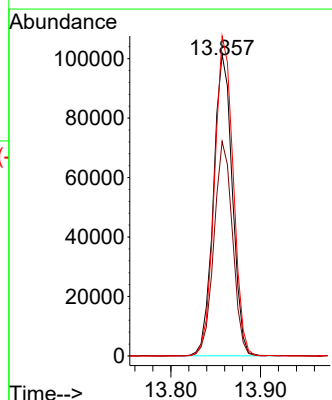
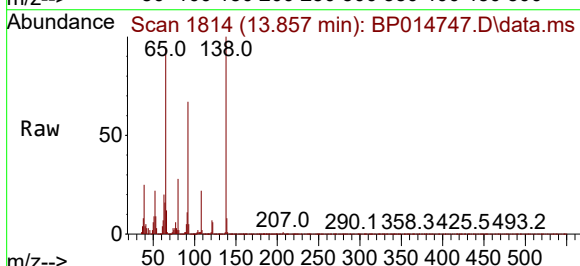
Tgt Ion: 65 Resp: 148256

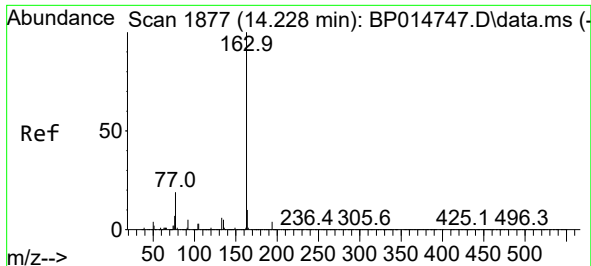
Ion Ratio Lower Upper

65 100

92 71.1 57.0 85.4

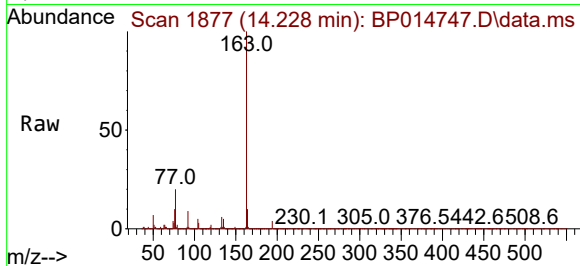
138 106.1 86.8 130.2



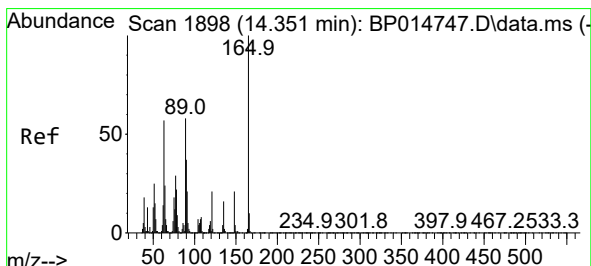
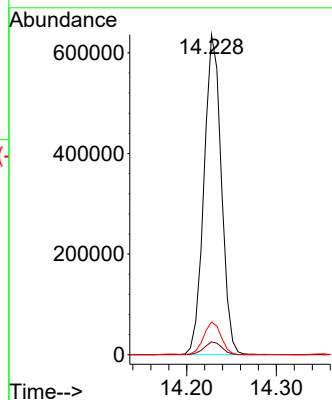
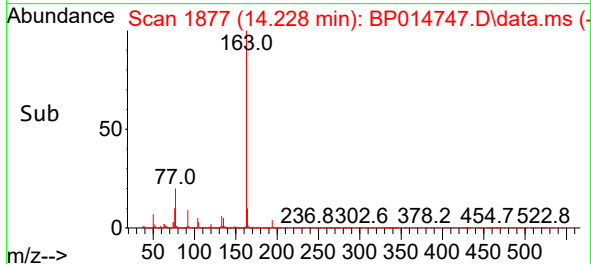


#47
Dimethylphthalate
Concen: 21.087 ng/ul
RT: 14.228 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

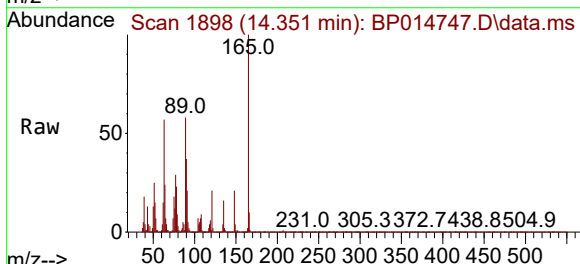
Instrument :
BNA_P
ClientSampleId :



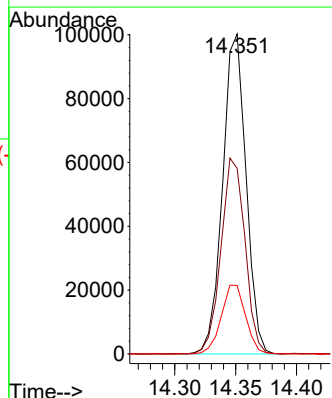
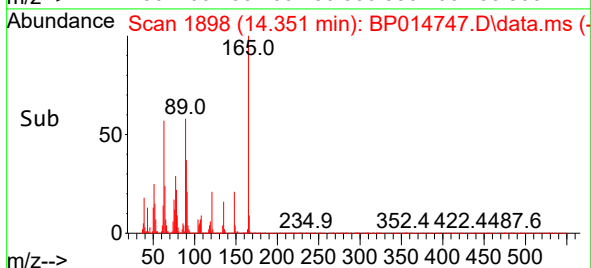
Tgt Ion:163 Resp: 853226
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2

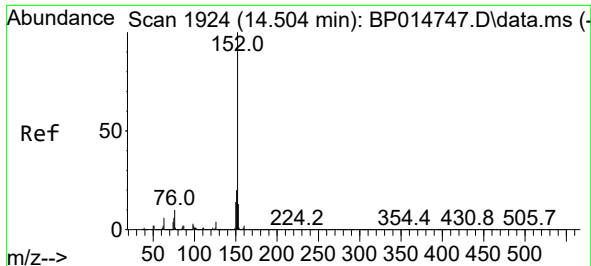


#48
2,6-Dinitrotoluene
Concen: 24.305 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33



Tgt Ion:165 Resp: 134138
Ion Ratio Lower Upper
165 100
89 58.0 53.0 79.6
121 21.4 19.8 29.6

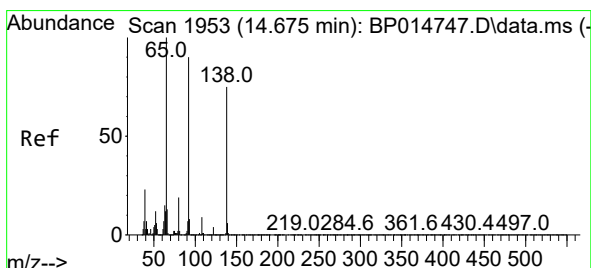
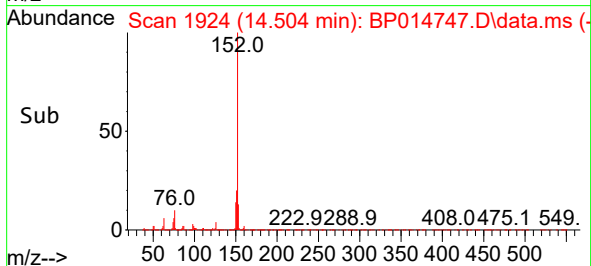
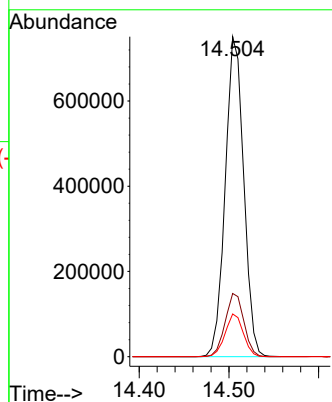
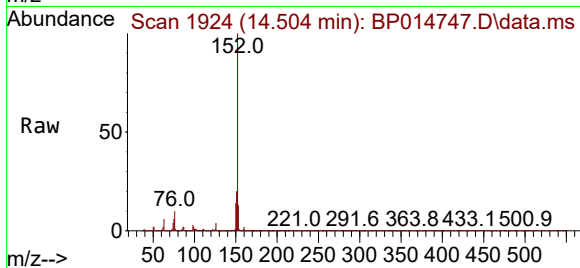




#50
Acenaphthylene
Concen: 21.267 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

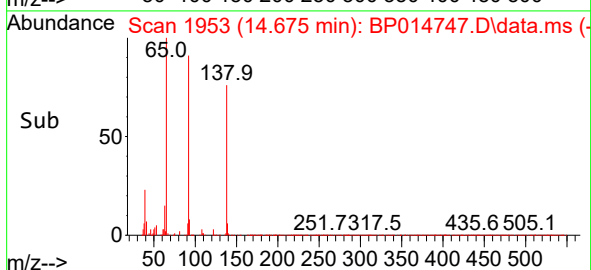
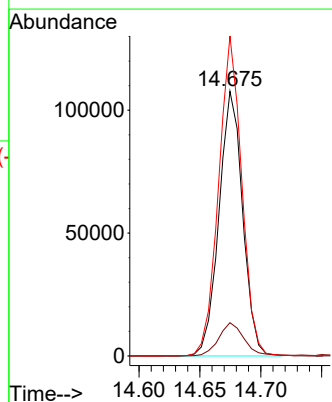
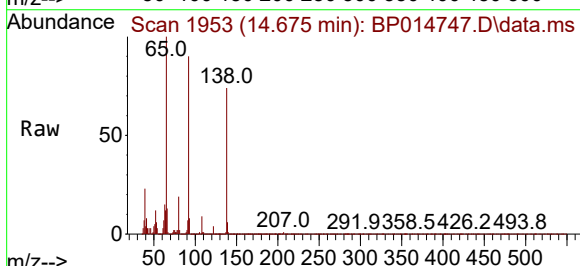
Instrument :
BNA_P
ClientSampleId :

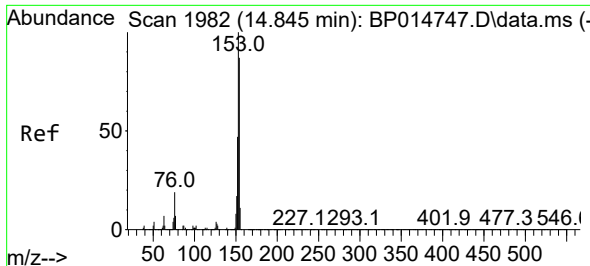
Tgt Ion:152 Resp: 1072973
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.0 15.0



#51
3-Nitroaniline
Concen: 23.189 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:138 Resp: 145565
Ion Ratio Lower Upper
138 100
108 12.6 12.9 19.3#
92 120.9 91.5 137.3

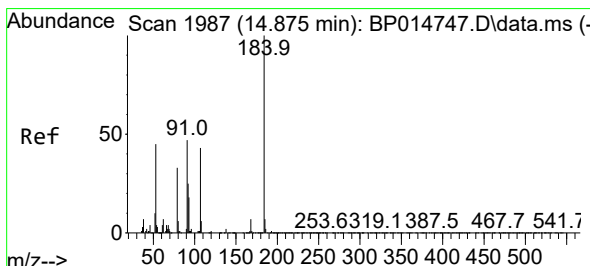
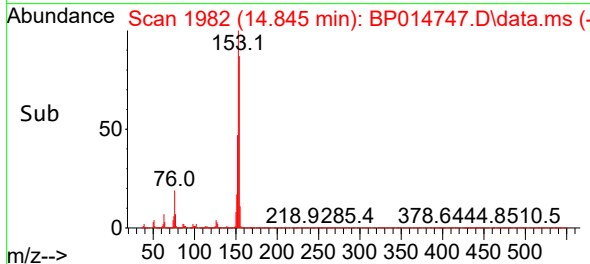
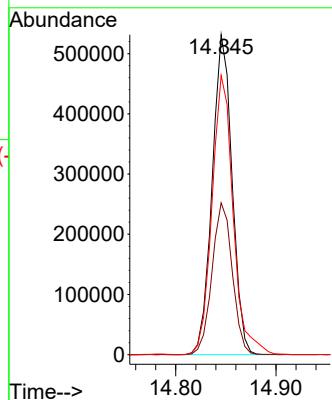
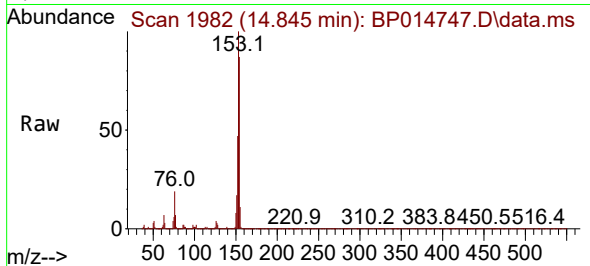




#52
Acenaphthene
Concen: 21.301 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

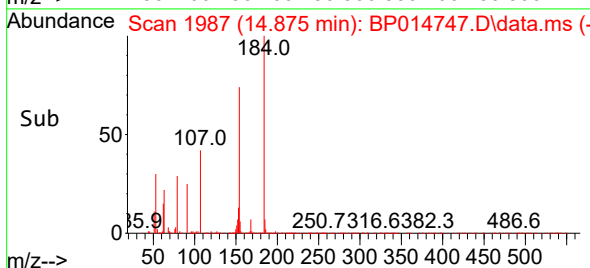
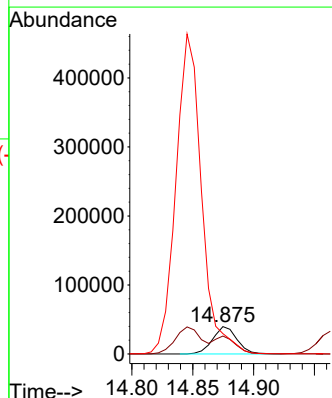
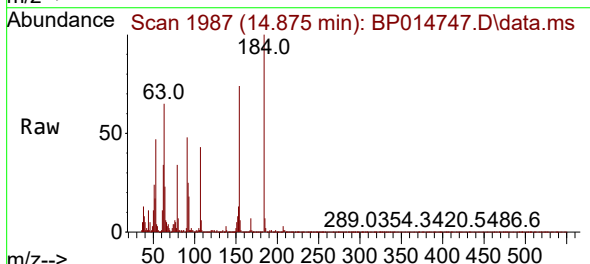
Instrument :
BNA_P
ClientSampleId :

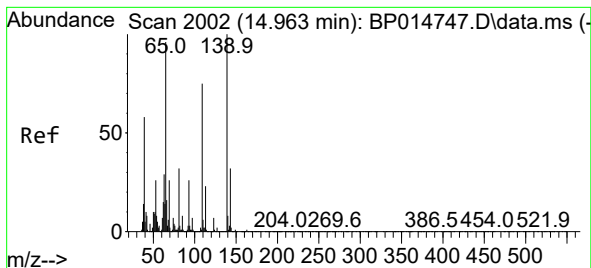
Tgt Ion:153 Resp: 732737
Ion Ratio Lower Upper
153 100
152 47.4 38.4 57.6
154 87.2 69.8 104.8



#53
2,4-Dinitrophenol
Concen: 20.513 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:184 Resp: 54778
Ion Ratio Lower Upper
184 100
63 65.3 51.1 76.7
154 74.3 54.0 81.0

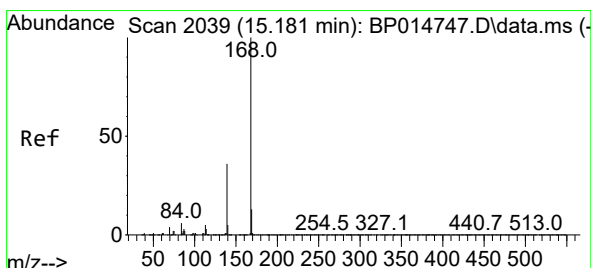
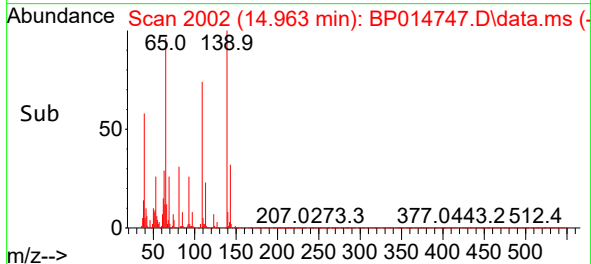
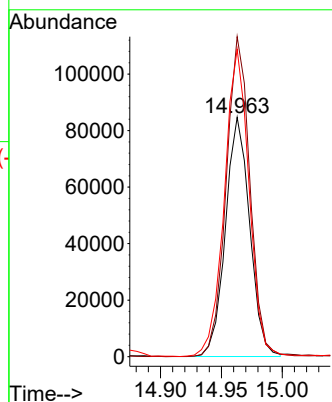
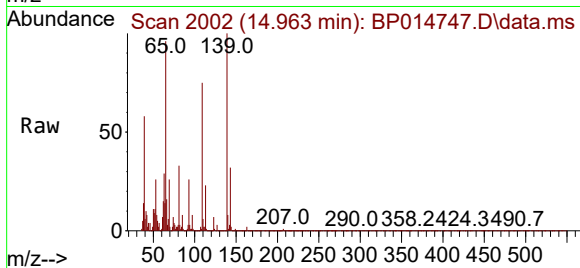




#55
4-Nitrophenol
Concen: 22.375 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

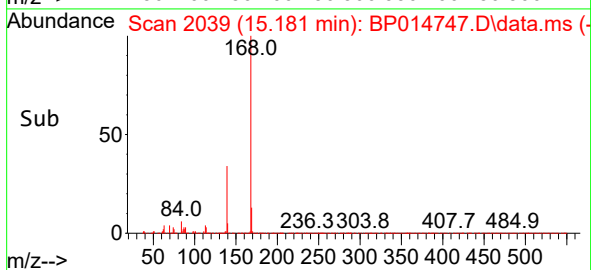
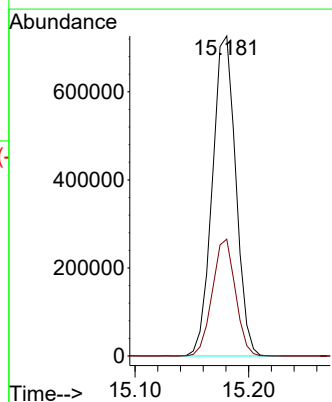
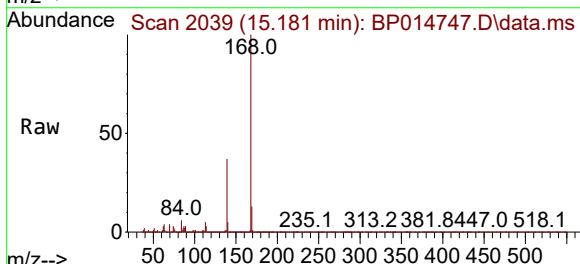
Instrument :
BNA_P
ClientSampleId :

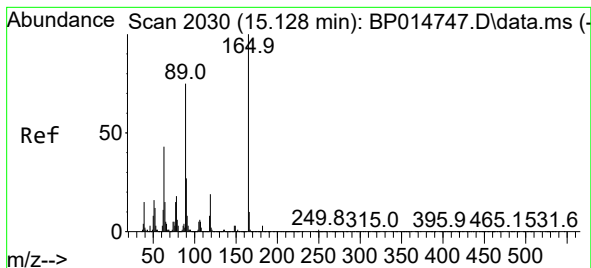
Tgt Ion:109 Resp: 117269
Ion Ratio Lower Upper
109 100
139 133.7 100.5 150.7
65 128.4 102.4 153.6



#56
Dibenzofuran
Concen: 21.531 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:168 Resp: 1042457
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8

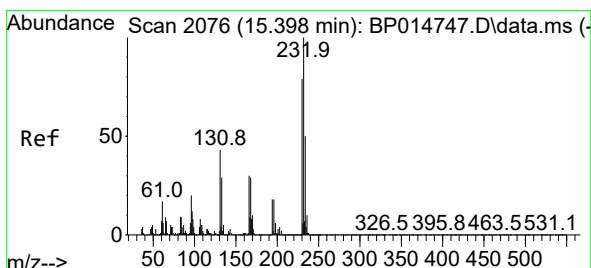
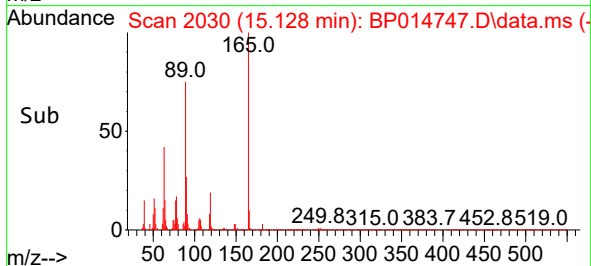
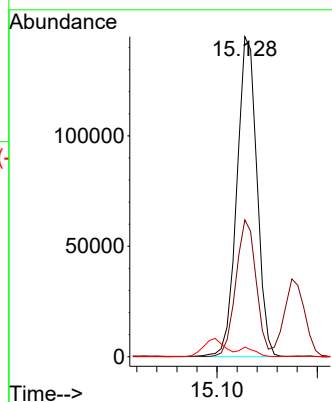
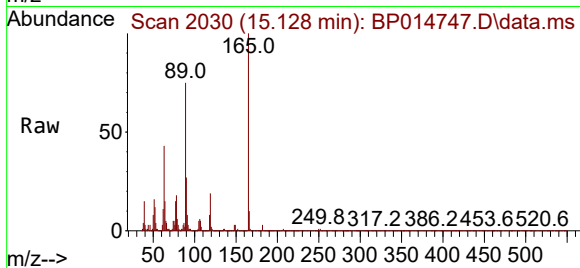




#57
2,4-Dinitrotoluene
Concen: 24.926 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

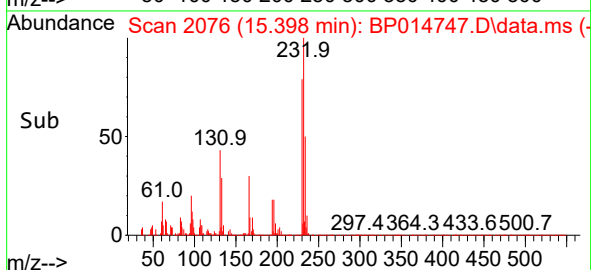
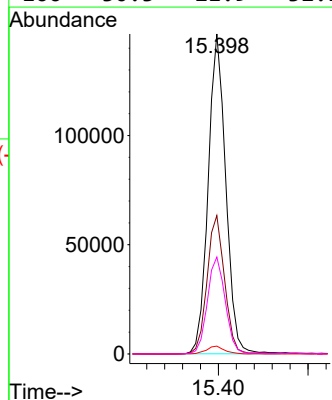
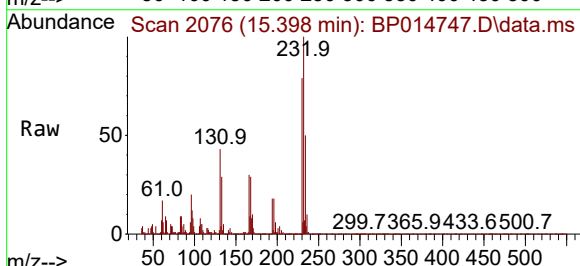
Instrument :
BNA_P
ClientSampleId :

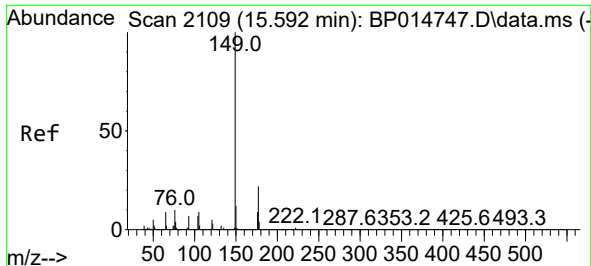
Tgt Ion:165 Resp: 201842
Ion Ratio Lower Upper
165 100
63 42.8 36.6 54.8
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.435 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:232 Resp: 199296
Ion Ratio Lower Upper
232 100
131 43.3 32.4 48.6
130 2.4 1.8 2.6
166 30.3 21.9 32.9

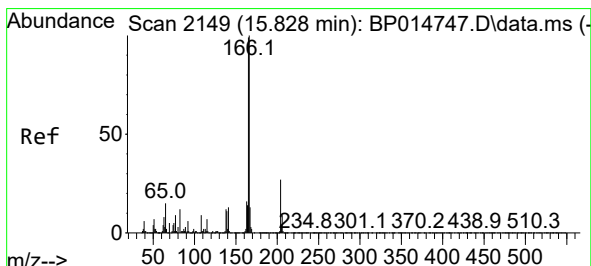
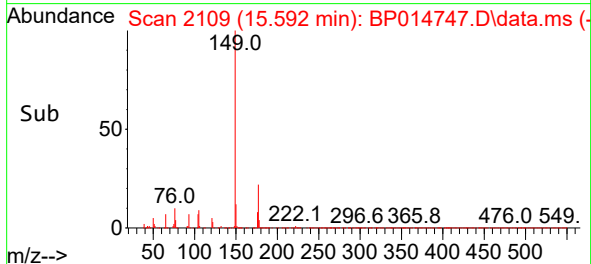
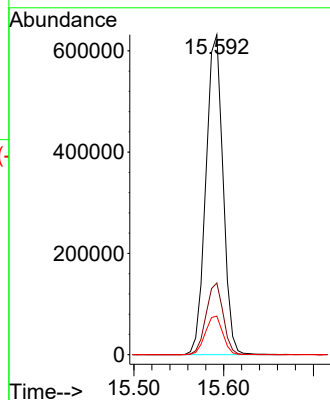
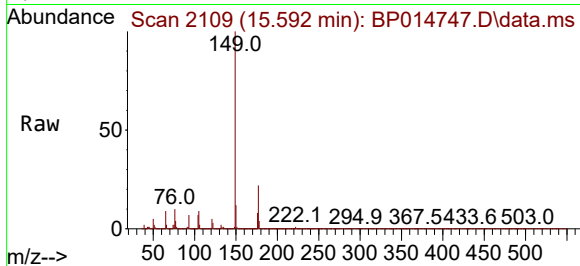




#59
Diethylphthalate
Concen: 21.330 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

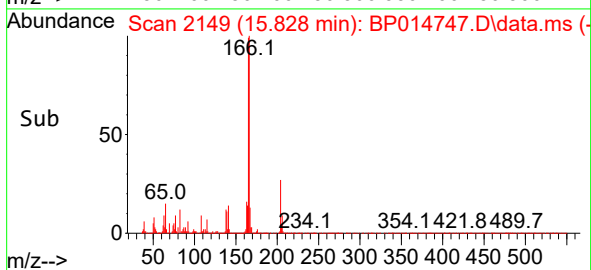
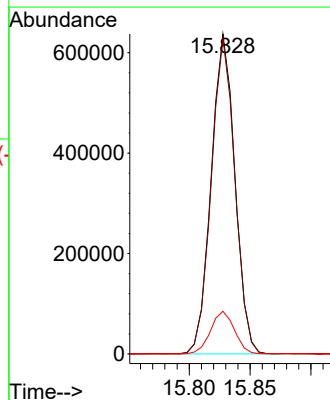
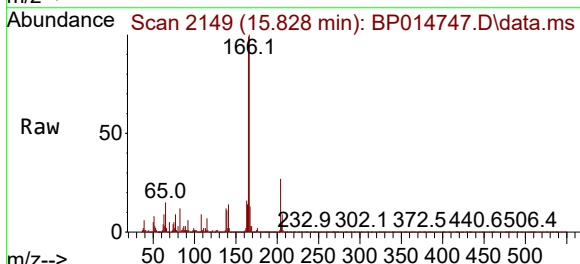
Instrument :
BNA_P
ClientSampleId :

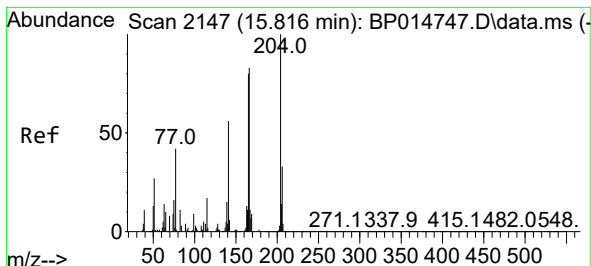
Tgt Ion:149 Resp: 837427
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.1 9.4 14.2



#61
Fluorene
Concen: 21.827 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:166 Resp: 862624
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.3 10.5 15.7

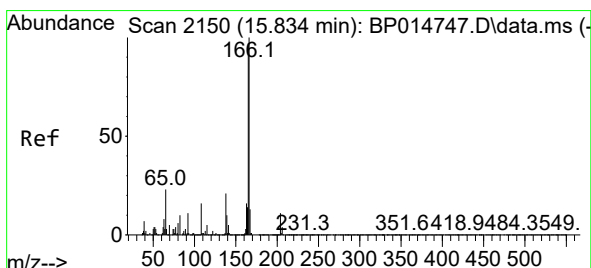
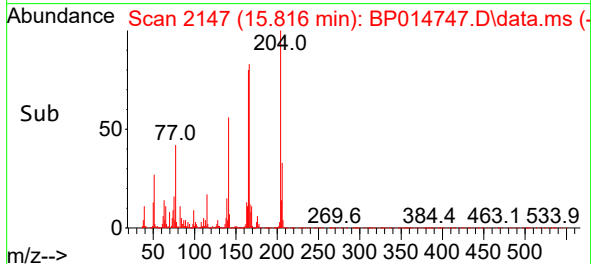
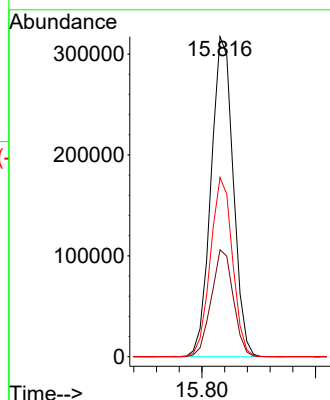
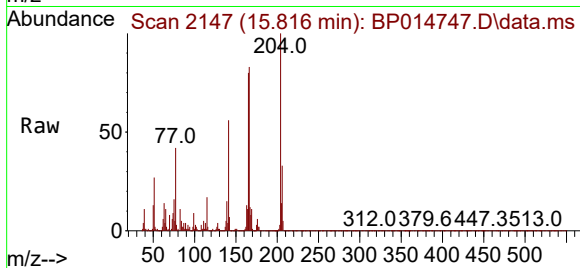




#62
4-Chlorophenyl-phenylether
Concen: 21.289 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

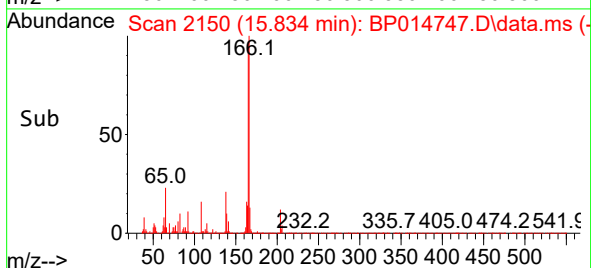
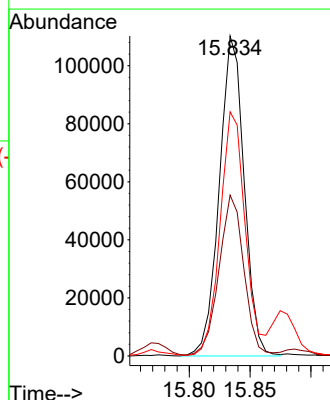
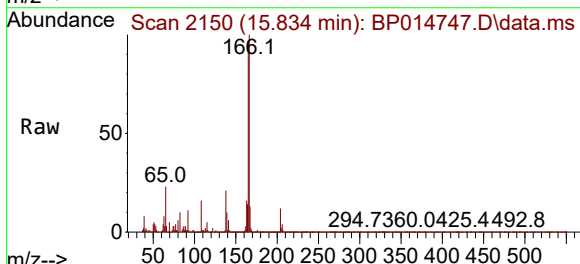
Instrument :
BNA_P
ClientSampleId :

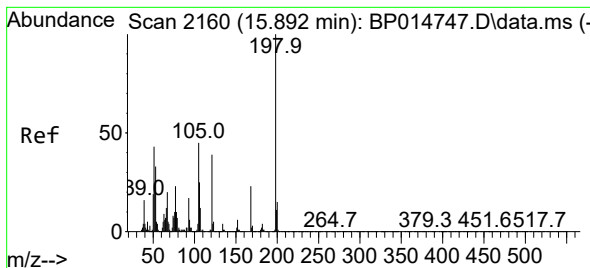
Tgt Ion:204 Resp: 430214
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 56.0 45.0 67.4



#63
4-Nitroaniline
Concen: 24.948 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:138 Resp: 156525
Ion Ratio Lower Upper
138 100
92 50.3 40.9 61.3
108 76.3 63.8 95.6

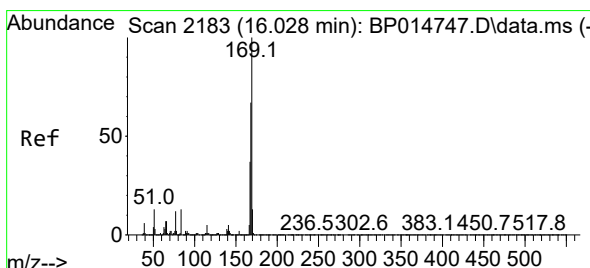
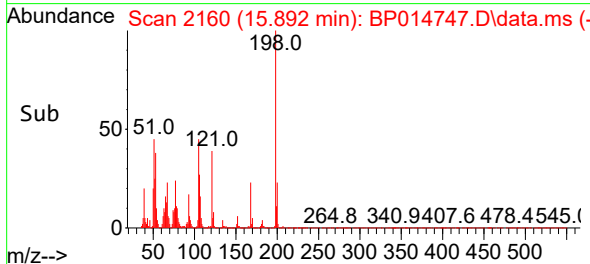
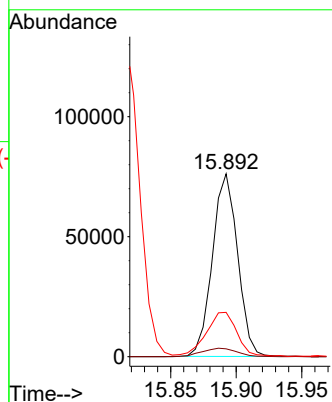
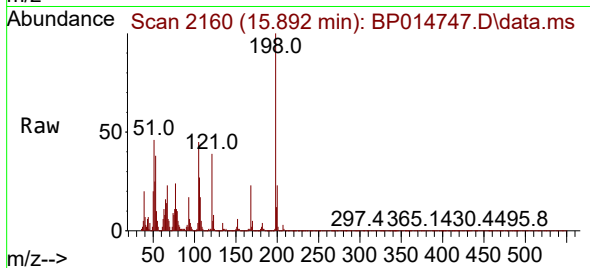




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.279 ng/ul
 RT: 15.892 min Scan# 2160
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

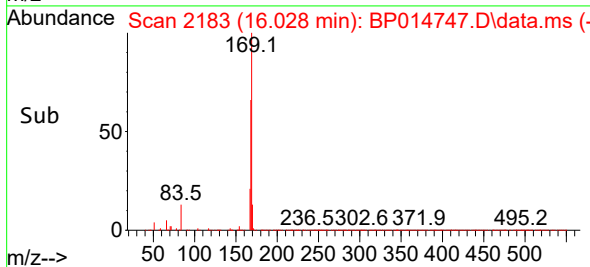
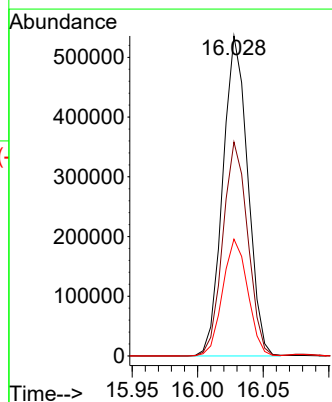
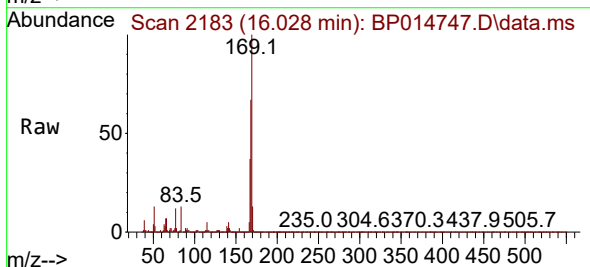
Instrument :
 BNA_P
 ClientSampleId :

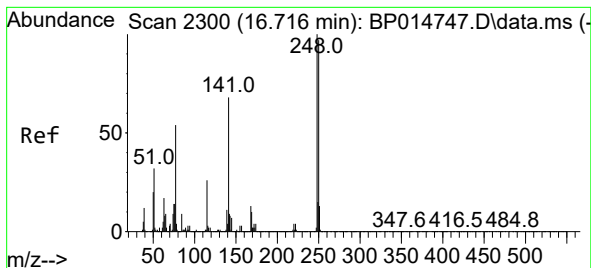
Tgt Ion:198 Resp: 101815
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.9 5.9
 77 24.2 23.6 35.4



#67
 N-Nitrosodiphenylamine
 Concen: 21.405 ng/ul
 RT: 16.028 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Tgt Ion:169 Resp: 708403
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.5 80.3
 167 36.5 29.0 43.6

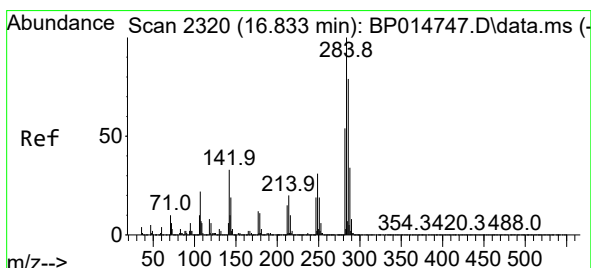
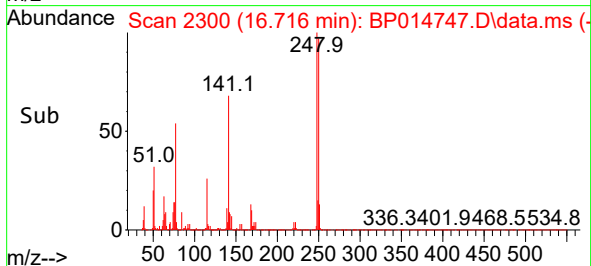
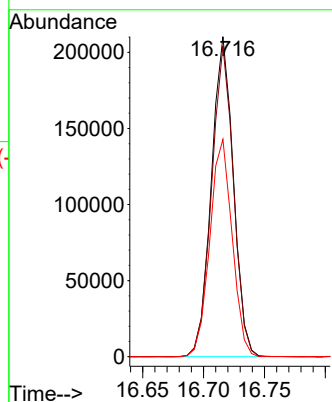
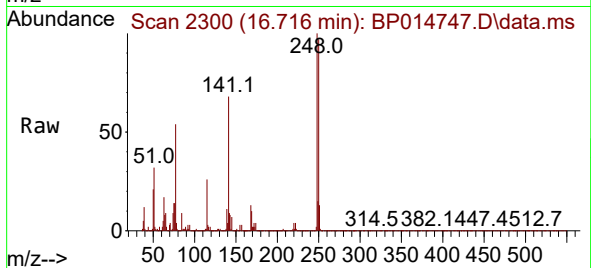




#68
4-Bromophenyl-phenylether
Concen: 21.234 ng/ul
RT: 16.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

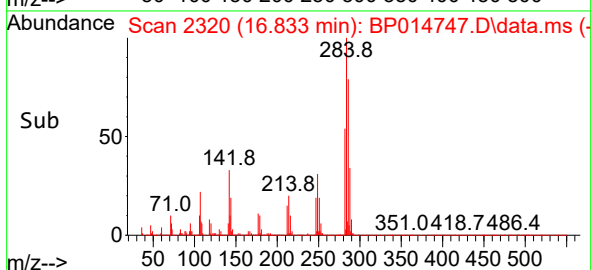
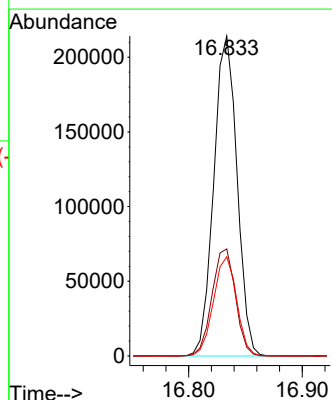
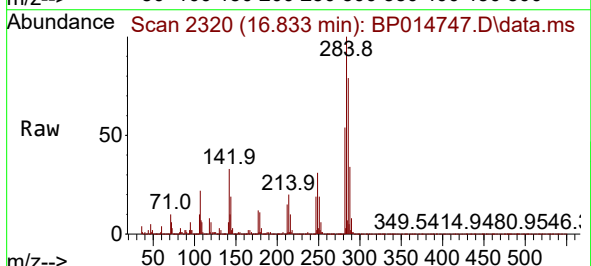
Instrument :
BNA_P
ClientSampleId :

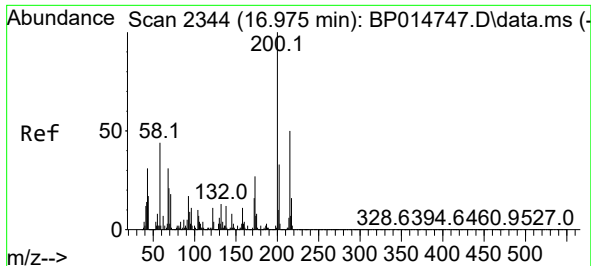
Tgt Ion:248 Resp: 264293
Ion Ratio Lower Upper
248 100
250 97.1 79.2 118.8
141 67.9 52.7 79.1



#69
Hexachlorobenzene
Concen: 21.116 ng/ul
RT: 16.833 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:284 Resp: 304949
Ion Ratio Lower Upper
284 100
142 33.4 25.1 37.7
249 31.0 25.2 37.8

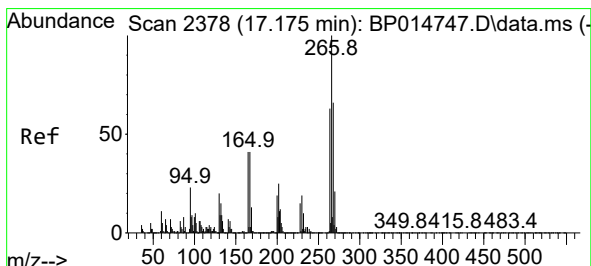
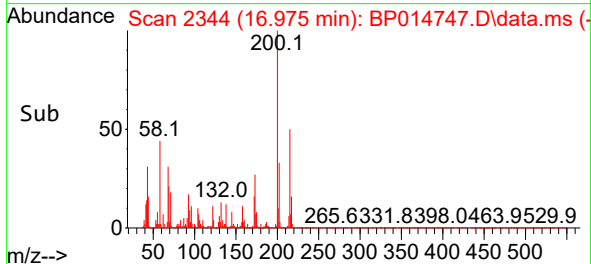
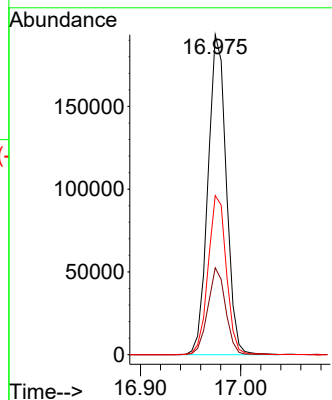
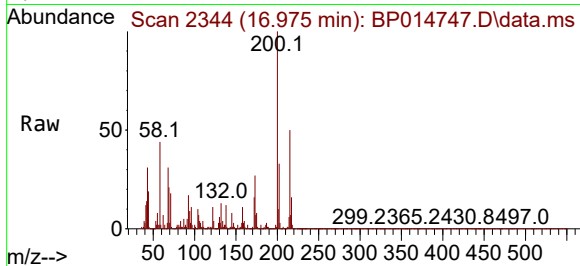




#70
 Atrazine
 Concen: 20.876 ng/ul
 RT: 16.975 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

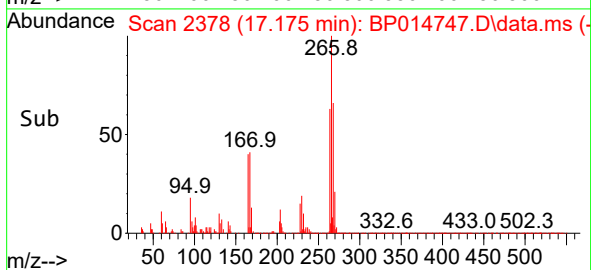
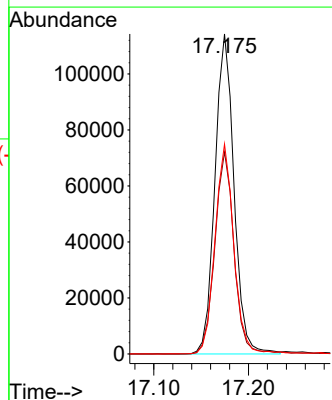
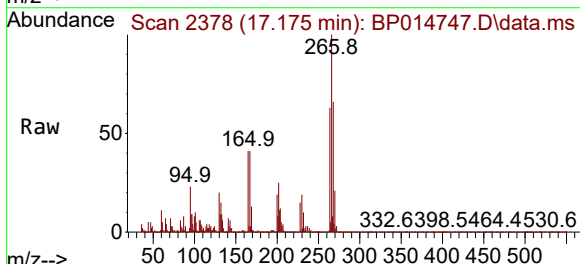
Instrument :
 BNA_P
 ClientSampleId :

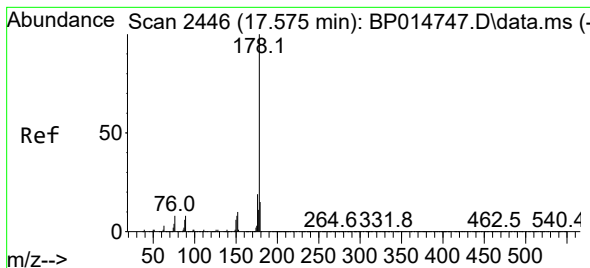
Tgt Ion:200 Resp: 245376
 Ion Ratio Lower Upper
 200 100
 173 27.1 21.0 31.6
 215 49.7 39.4 59.2



#71
 Pentachlorophenol
 Concen: 20.340 ng/ul
 RT: 17.175 min Scan# 2378
 Delta R.T. -0.000 min
 Lab File: BP014747.D
 Acq: 20 Apr 2023 09:33

Tgt Ion:266 Resp: 159898
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.2 75.4
 268 65.6 49.8 74.6





#72

Phenanthrene

Concen: 21.378 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

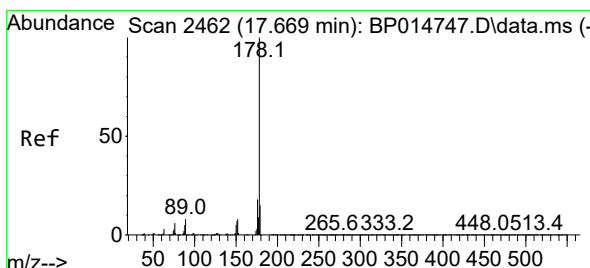
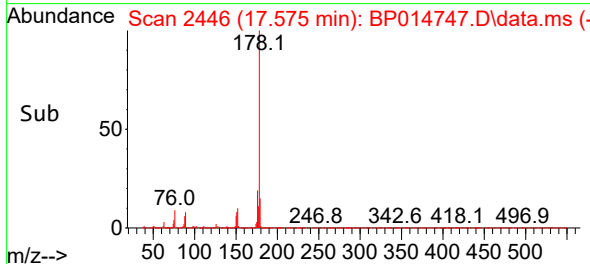
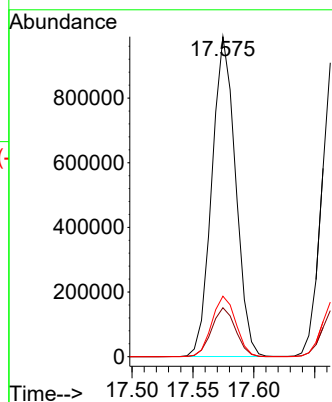
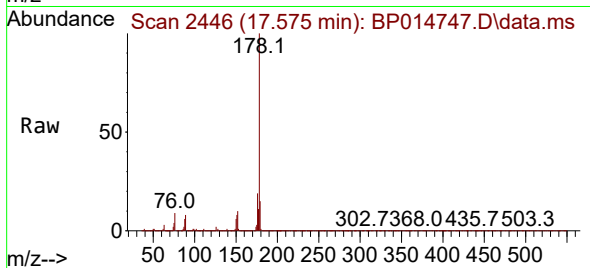
Tgt Ion:178 Resp: 1338087

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 18.9 15.3 22.9



#74

Anthracene

Concen: 21.666 ng/ul

RT: 17.669 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

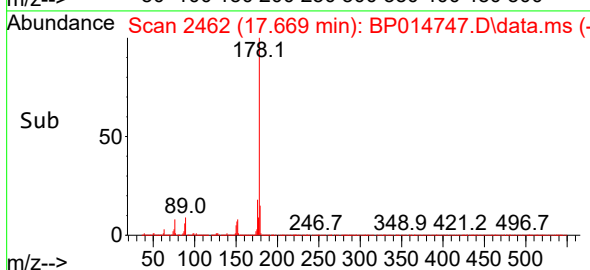
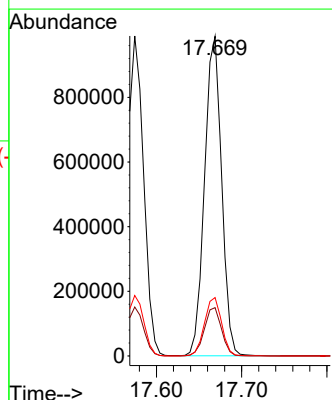
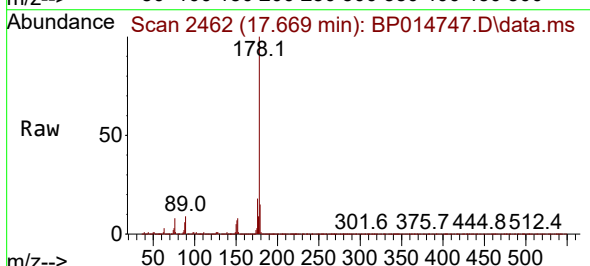
Tgt Ion:178 Resp: 1374846

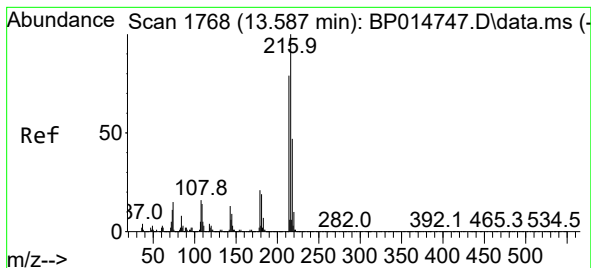
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.3 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.475 ng/uL

RT: 13.587 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

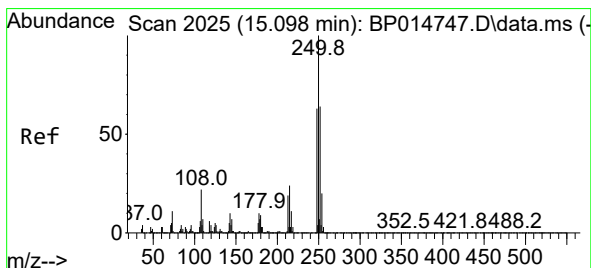
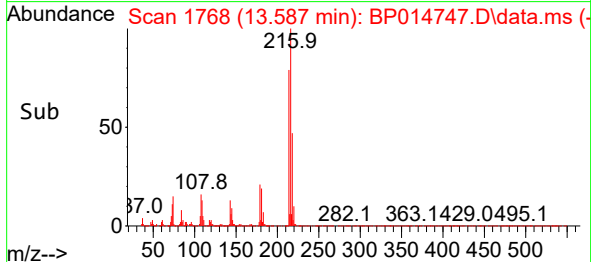
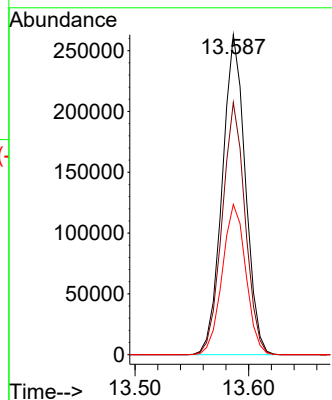
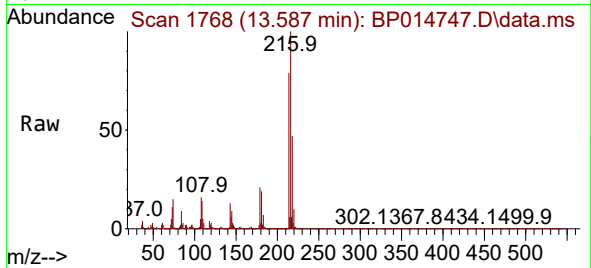
Tgt Ion:216 Resp: 372420

Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

218 46.9 39.6 59.4



#76

Pentachlorobenzene

Concen: 21.381 ng/uL

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

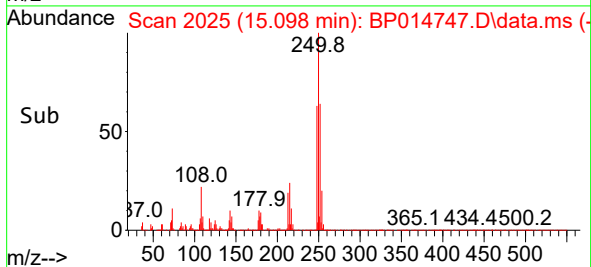
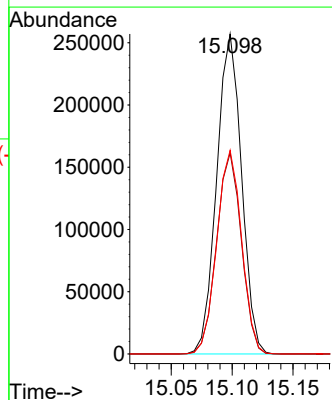
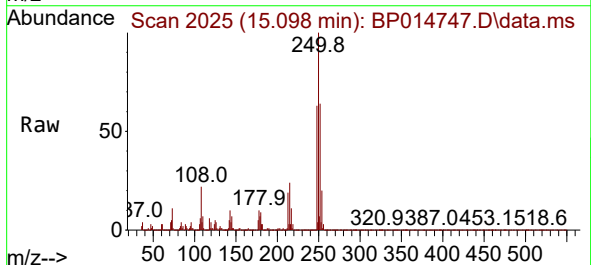
Tgt Ion:250 Resp: 365725

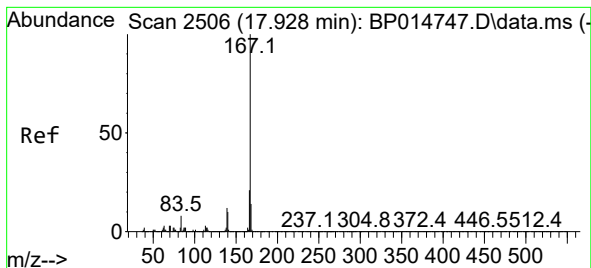
Ion Ratio Lower Upper

250 100

248 62.8 50.7 76.1

252 63.6 50.1 75.1





#77

Carbazole

Concen: 21.679 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

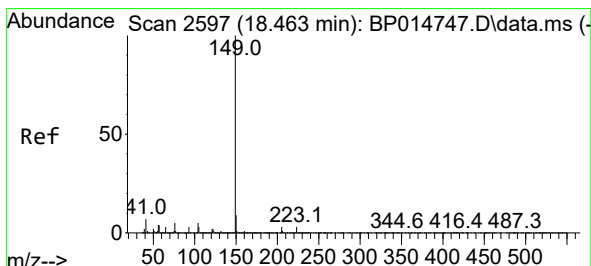
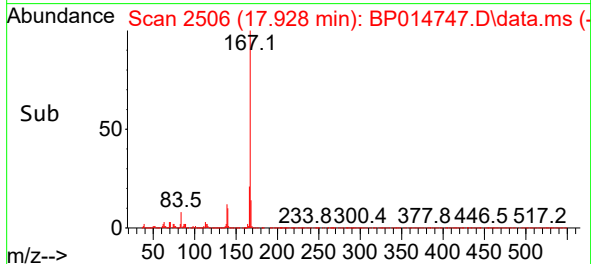
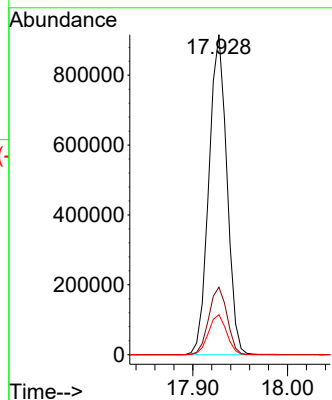
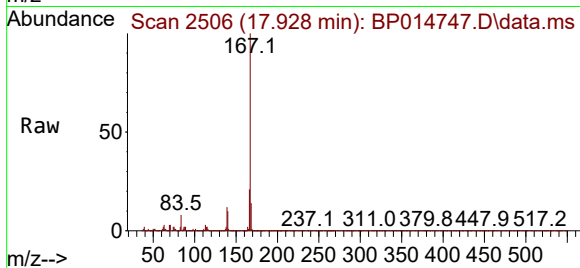
Tgt Ion:167 Resp: 1207645

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.5 10.2 15.2



#78

Di-n-butylphthalate

Concen: 21.725 ng/ul

RT: 18.463 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

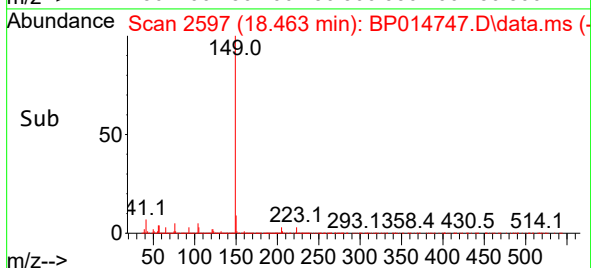
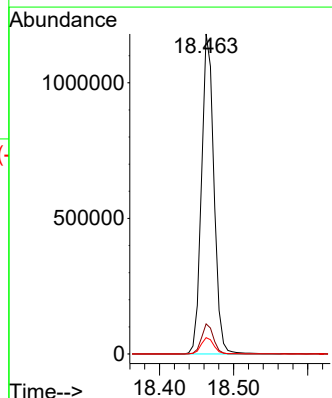
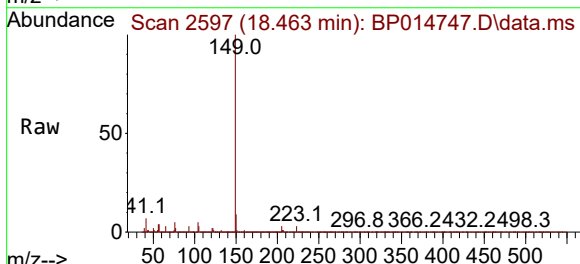
Tgt Ion:149 Resp: 1373961

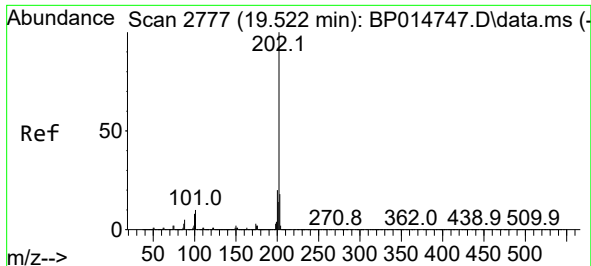
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.1 3.9 5.9

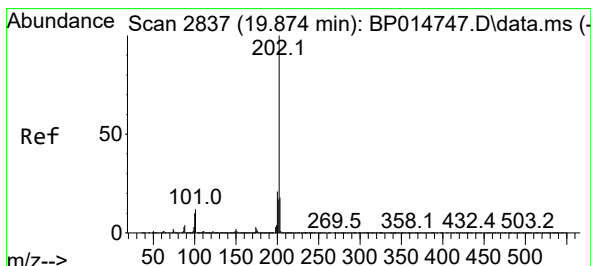
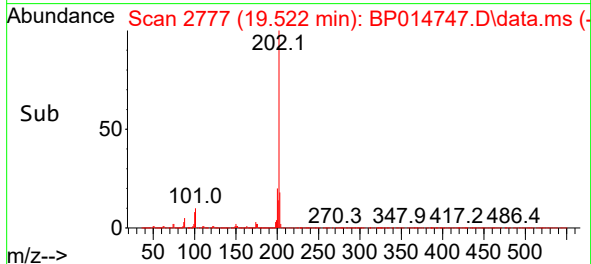
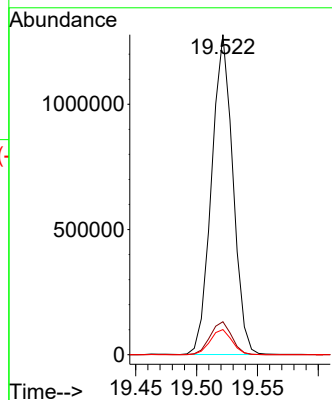
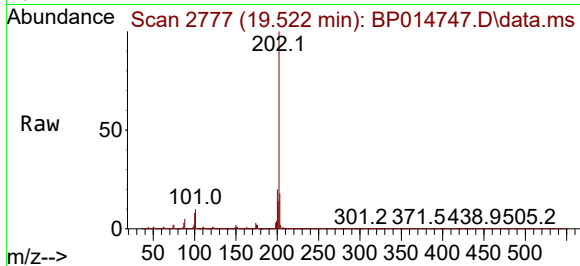




#80
Fluoranthene
Concen: 20.690 ng/ul
RT: 19.522 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

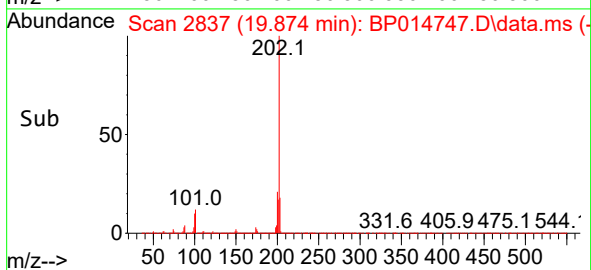
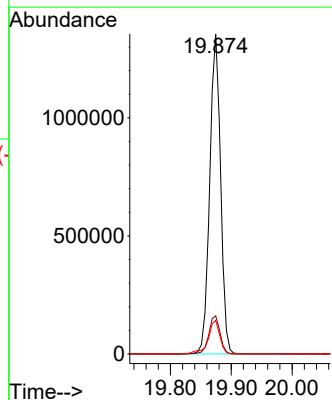
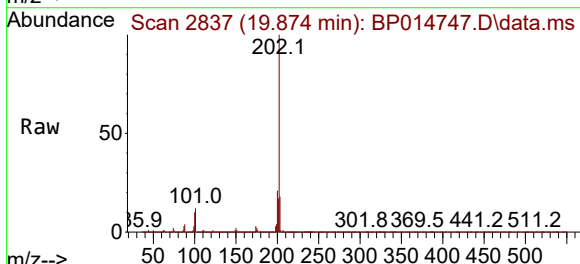
Instrument :
BNA_P
ClientSampleId :

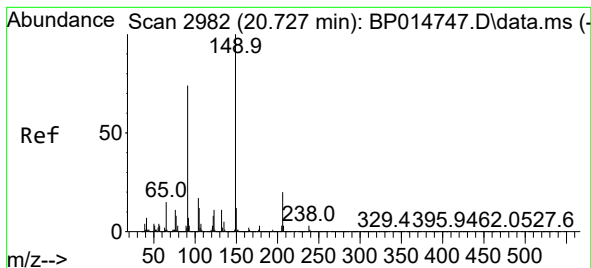
Tgt Ion:202 Resp: 1563348
Ion Ratio Lower Upper
202 100
101 10.3 8.4 12.6
100 7.9 6.4 9.6



#82
Pyrene
Concen: 20.983 ng/ul
RT: 19.874 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:202 Resp: 1677741
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.0
100 10.5 8.0 12.0





#83

Butylbenzylphthalate

Concen: 22.466 ng/ul

RT: 20.727 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

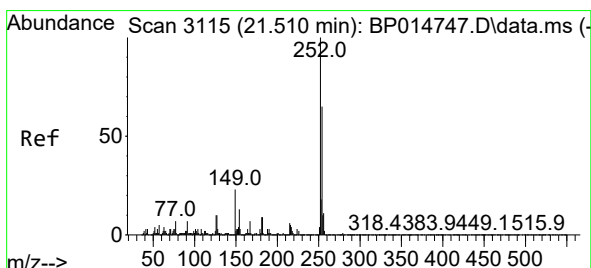
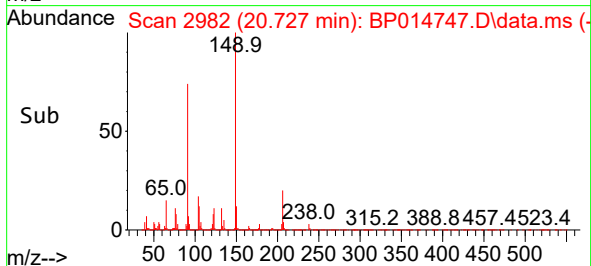
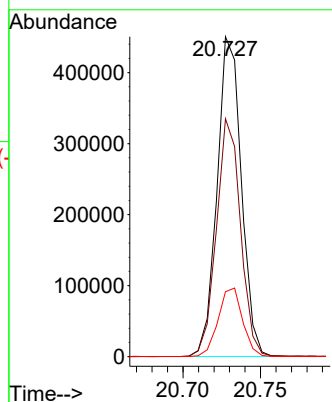
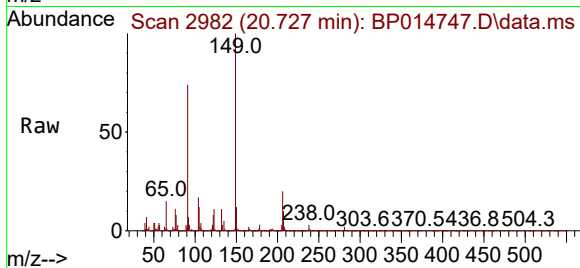
Tgt Ion:149 Resp: 490388

Ion Ratio Lower Upper

149 100

91 74.4 58.6 87.8

206 20.3 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 21.640 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

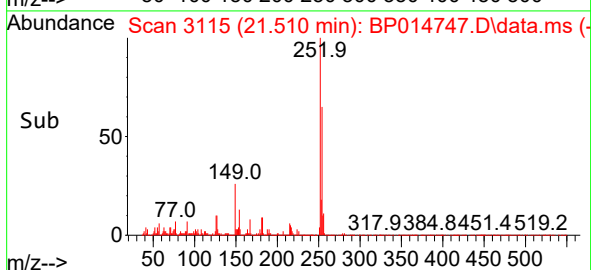
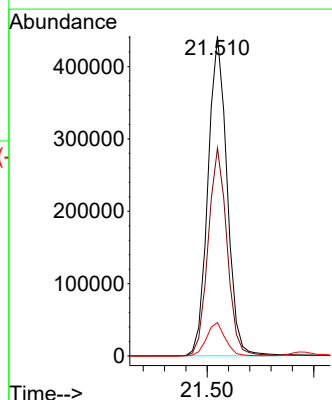
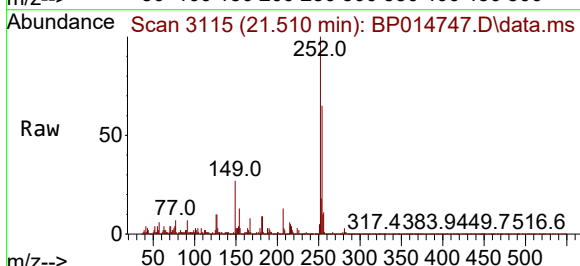
Tgt Ion:252 Resp: 549269

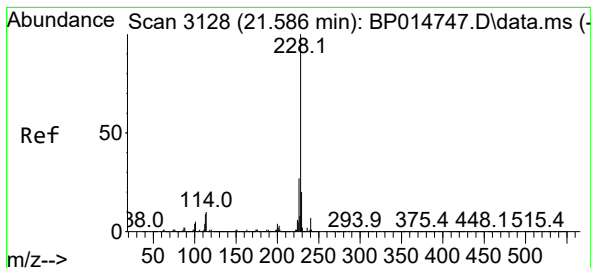
Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

126 10.4 8.0 12.0





#85

Benzo(a)anthracene

Concen: 21.357 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

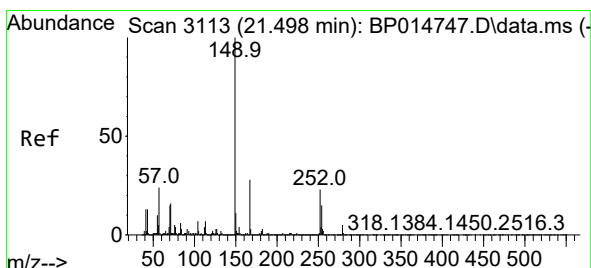
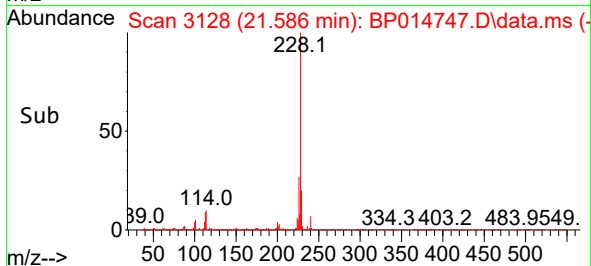
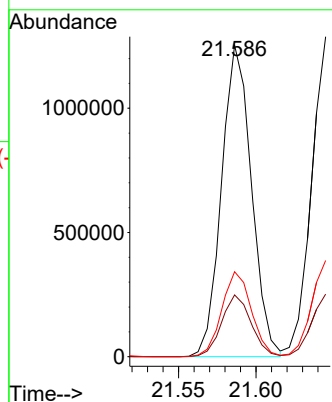
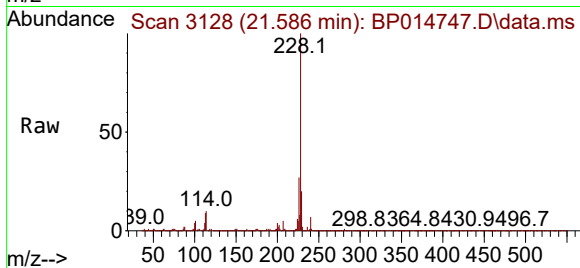
Tgt Ion:228 Resp: 1683032

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

226 27.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.952 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

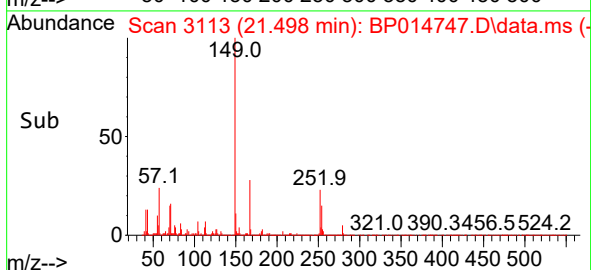
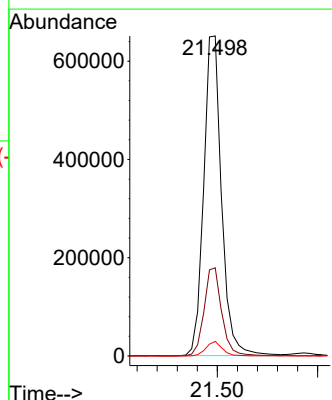
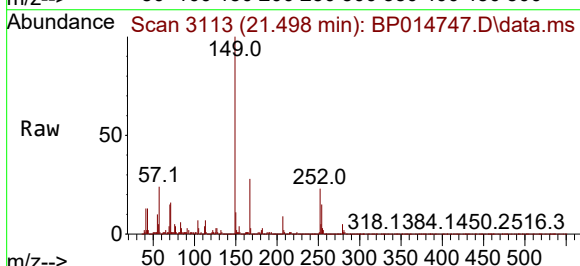
Tgt Ion:149 Resp: 808295

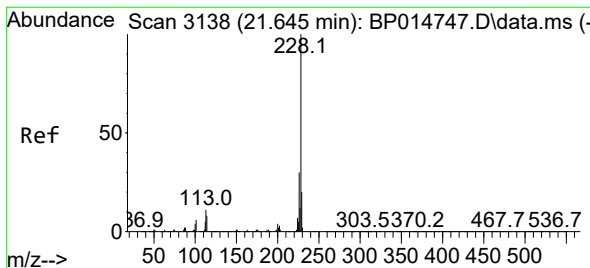
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 3.6 5.4





#87

Chrysene

Concen: 21.531 ng/ul

RT: 21.645 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

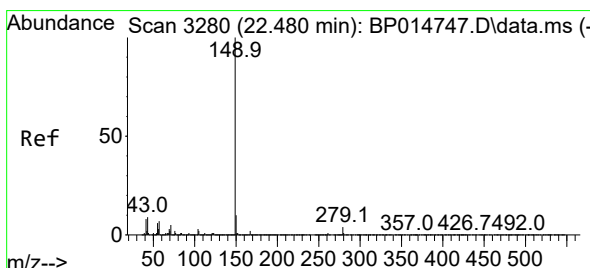
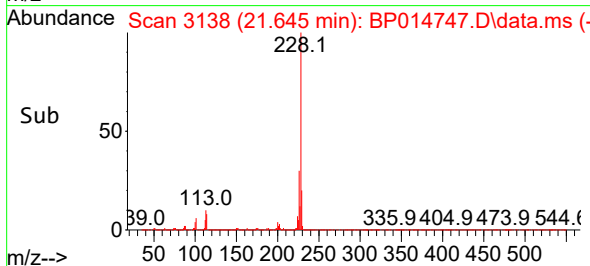
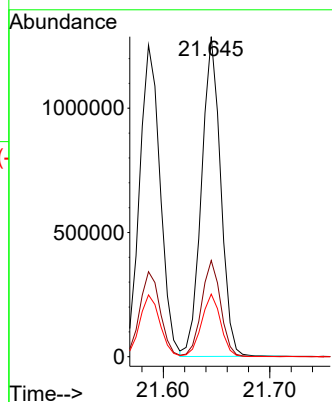
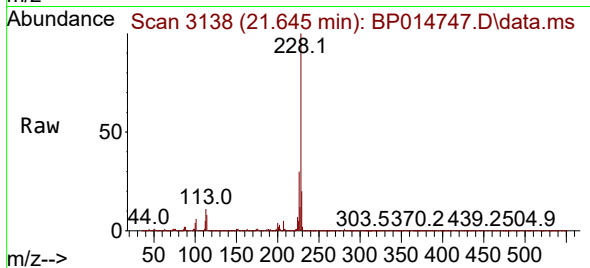
Tgt Ion:228 Resp: 1606288

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 19.800 ng/ul

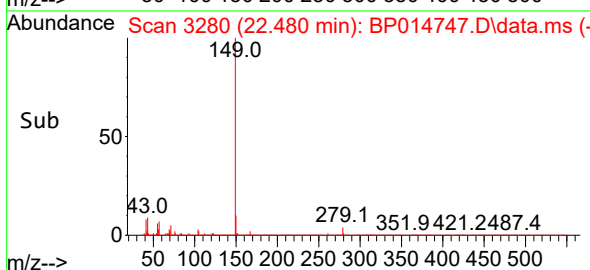
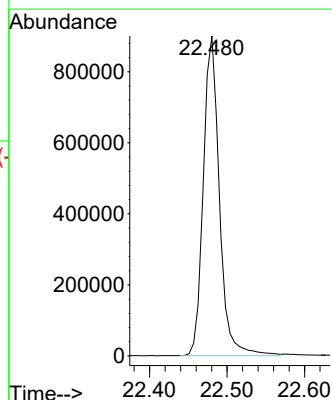
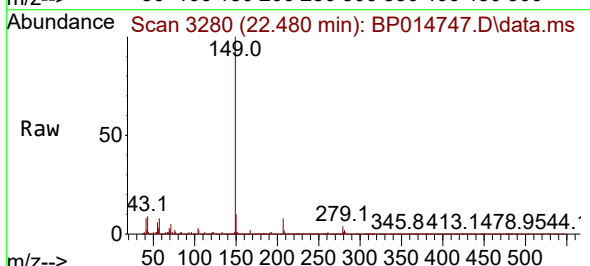
RT: 22.480 min Scan# 3280

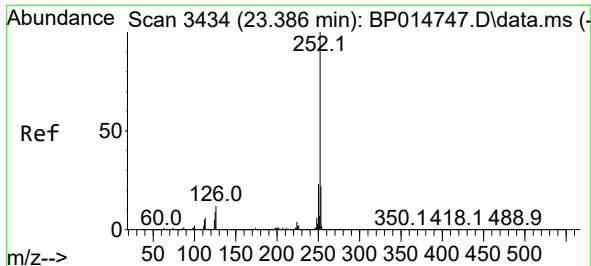
Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Tgt Ion:149 Resp: 1299557

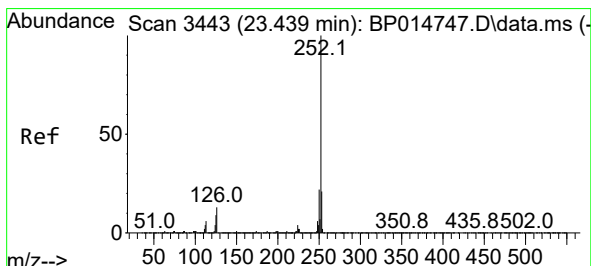
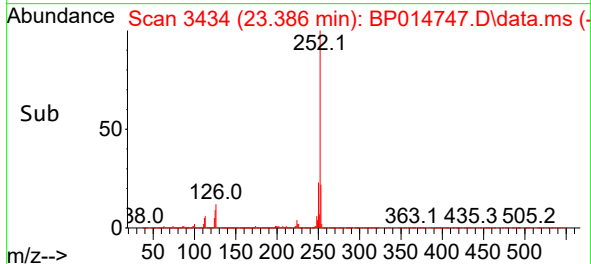
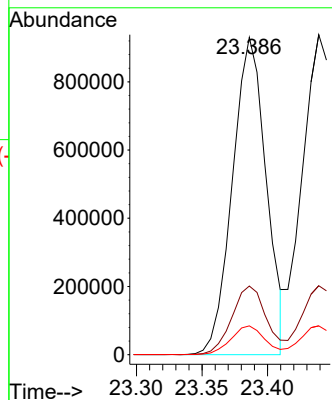
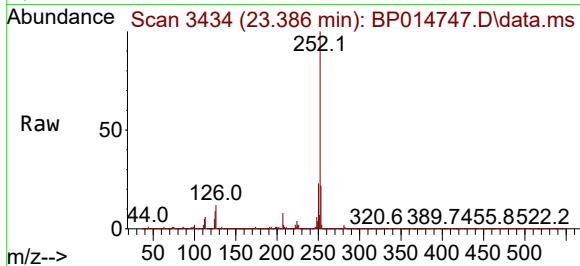




#90
Benzo(b)fluoranthene
Concen: 21.062 ng/ul
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

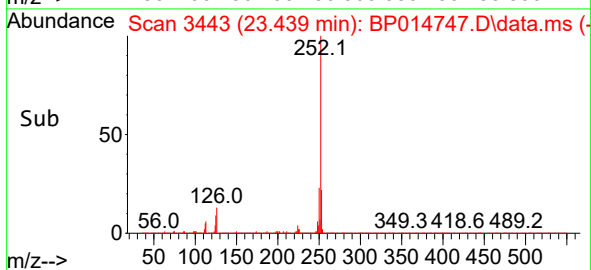
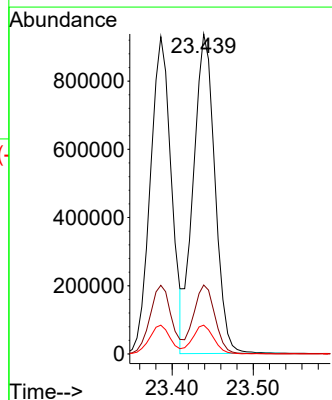
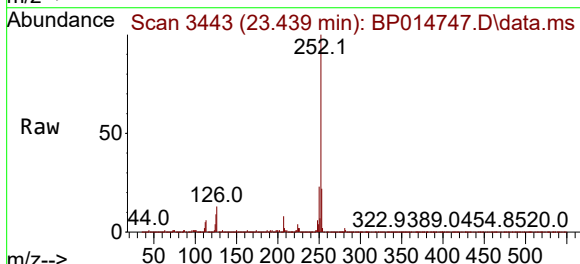
Instrument :
BNA_P
ClientSampleId :

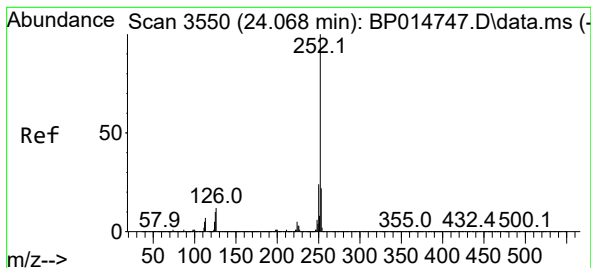
Tgt Ion:252 Resp: 1664359
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.1 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 21.872 ng/ul
RT: 23.439 min Scan# 3443
Delta R.T. -0.000 min
Lab File: BP014747.D
Acq: 20 Apr 2023 09:33

Tgt Ion:252 Resp: 1728577
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.0 7.0 10.4





#93

Benzo(a)pyrene

Concen: 21.658 ng/ul

RT: 24.068 min Scan# 3550

Delta R.T. -0.000 min

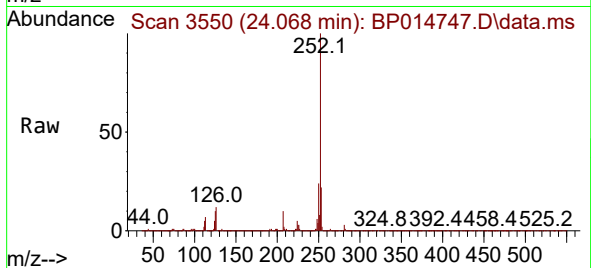
Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :



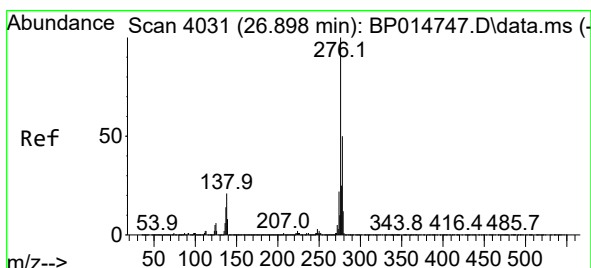
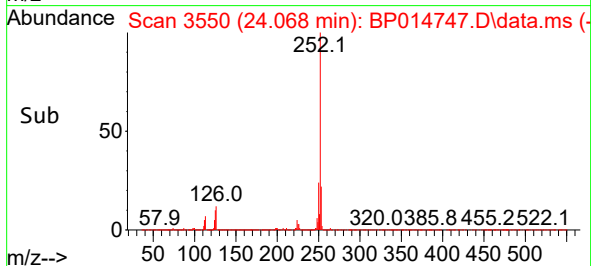
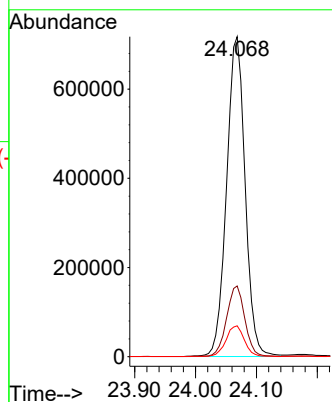
Tgt Ion:252 Resp: 1519938

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.550 ng/ul

RT: 26.898 min Scan# 4031

Delta R.T. -0.006 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

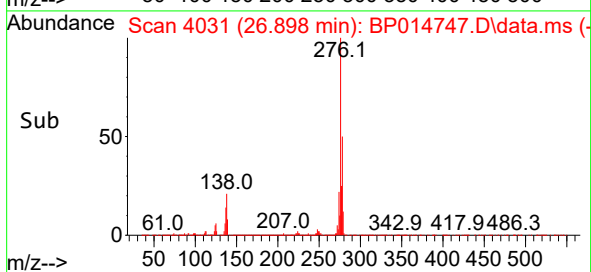
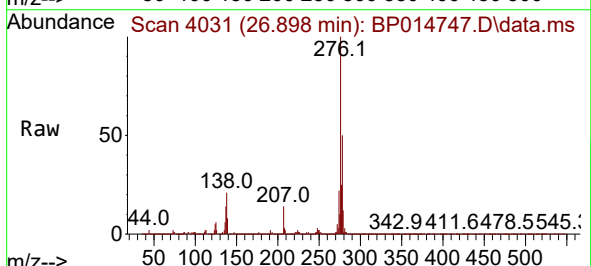
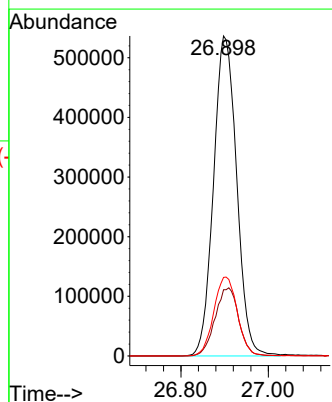
Tgt Ion:276 Resp: 1968396

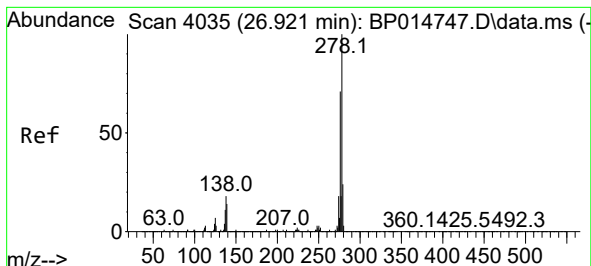
Ion Ratio Lower Upper

276 100

138 20.7 16.3 24.5

277 24.6 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 21.542 ng/ul

RT: 26.921 min Scan# 4035

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Instrument :

BNA_P

ClientSampleId :

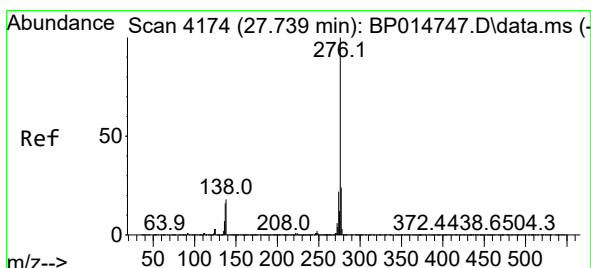
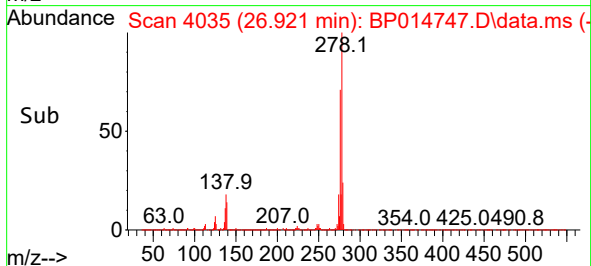
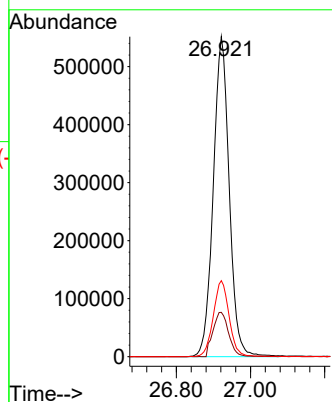
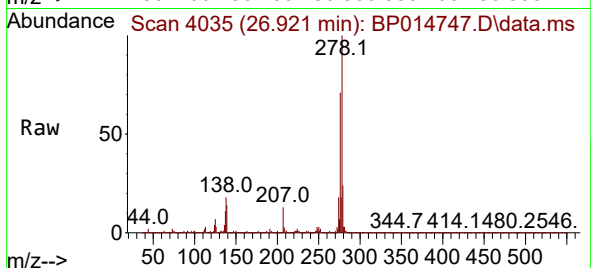
Tgt Ion:278 Resp: 1647813

Ion Ratio Lower Upper

278 100

139 13.8 11.5 17.3

279 23.7 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 21.582 ng/ul

RT: 27.739 min Scan# 4174

Delta R.T. -0.000 min

Lab File: BP014747.D

Acq: 20 Apr 2023 09:33

Tgt Ion:276 Resp: 1576651

Ion Ratio Lower Upper

276 100

138 18.2 14.3 21.5

277 23.5 19.5 29.3

