

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP010994.D
 Acq On : 18 Jul 2022 15:52
 Operator : CG/JU
 Sample : PB146256BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 19 00:45:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	362996	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1670667	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.345	164	985775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	2032782	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.233	240	1956670	20.000	ng/u1	# 0.00
88) Perylene-d12	23.586	264	1981484	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	63281	6.285	ng/uL	0.00
4) Pyridine-d5	3.587	84	778781	29.924	ng/u1	0.00
7) Phenol-d5	6.858	99	1002051	33.629	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	637998	33.298	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	819238	34.026	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	806674	33.817	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	386109	31.713	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	385388	31.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	698766	31.716	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	2429887	66.900	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	2126567	31.564	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2565527	32.274	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	436130	31.984	ng/u1	0.00
60) Fluorene-d10	15.345	176	1801026	31.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	305046	30.326	ng/u1	0.00
73) Anthracene-d10	17.210	188	2730224	31.593	ng/u1	0.00
81) Pyrene-d10	19.469	212	3156509	30.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.439	264	3103328	32.609	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	128232	12.138	ng/uL#	88
5) Pyridine	3.605	79	770971	28.745	ng/u1#	78
6) Benzaldehyde	6.834	77	578235	39.952	ng/u1	94
8) Phenol	6.887	94	1005812	31.756	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.116	93	801009	31.866	ng/u1	89
12) 2-Chlorophenol	7.252	128	796688	32.011	ng/u1	92
13) 2-Methylphenol	8.134	108	741478	31.656	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1120811	32.600	ng/u1#	97
16) Acetophenone	8.510	105	1162808	32.201	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.505	70	585100	32.292	ng/u1	92
18) 4-Methylphenol	8.463	108	805258	32.199	ng/u1	98
19) Hexachloroethane	8.758	117	312537	31.733	ng/u1#	80
22) Nitrobenzene	8.887	77	881974	30.804	ng/u1	93
23) Isophorone	9.416	82	1639259	30.591	ng/u1	98
25) 2-Nitrophenol	9.593	139	404420	29.906	ng/u1#	83
26) 2,4-Dimethylphenol	9.663	107	840366	29.387	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.905	93	1045710	29.488	ng/u1	98
29) 2,4-Dichlorophenol	10.128	162	670529	29.404	ng/u1	99
30) Naphthalene	10.528	128	2514863	29.540	ng/u1	99
32) 4-Chloroaniline	10.646	127	1093584	30.440	ng/u1	99
33) Hexachlorobutadiene	10.810	225	368902	27.791	ng/u1	96
34) Caprolactam	11.446	113	245405	30.707	ng/u1	91
35) 4-Chloro-3-methylphenol	11.781	107	784219	30.430	ng/u1	96
36) 2-Methylnaphthalene	12.151	142	1615579	29.272	ng/u1	98

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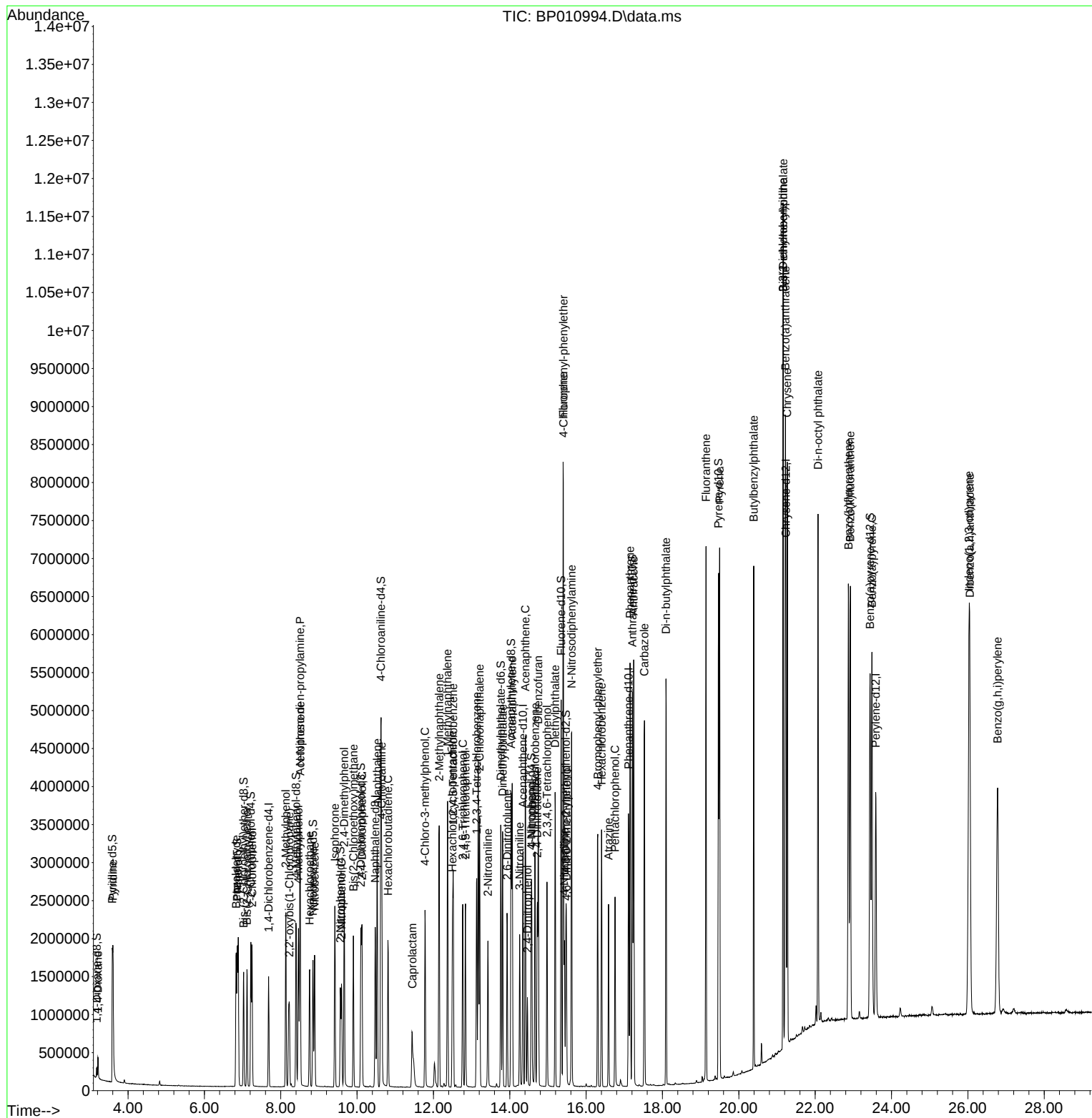
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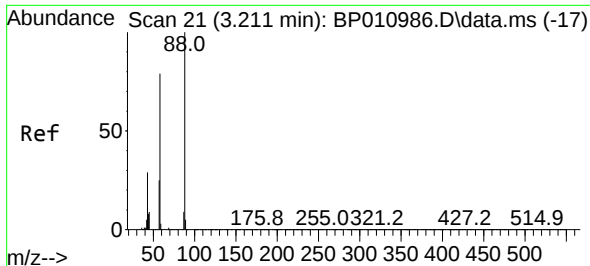
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1643826	29.714	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	730470	28.096	ng/ul#	98
40) Hexachlorocyclopentadiene	12.498	237	439109	27.269	ng/ul	95
41) 2,4,6-Trichlorophenol	12.769	196	492971	28.792	ng/ul	97
42) 2,4,5-Trichlorophenol	12.840	196	543384	29.696	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	1603774	29.029	ng/ul	97
45) 2-Nitroaniline	13.428	65	504819	31.363	ng/ul#	85
47) Dimethylphthalate	13.816	163	2054254	30.217	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	401015	32.581	ng/ul	92
50) Acenaphthylene	14.063	152	2594091	29.082	ng/ul	99
51) 3-Nitroaniline	14.257	138	462897	31.304	ng/ul	92
52) Acenaphthene	14.410	153	1782152	30.160	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	195241	27.114	ng/ul	90
55) 4-Nitrophenol	14.575	109	317427	30.406	ng/ul#	78
56) Dibenzofuran	14.745	168	2397854	29.408	ng/ul	97
57) 2,4-Dinitrotoluene	14.722	165	591313	33.681	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.975	232	436119	30.434	ng/ul#	86
59) Diethylphthalate	15.187	149	2106724	30.175	ng/ul	98
61) Fluorene	15.398	166	1979502	30.251	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.404	204	886542	29.430	ng/ul	96
63) 4-Nitroaniline	15.434	138	493691	36.327	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.487	198	296306	28.714	ng/ul	97
67) N-Nitrosodiphenylamine	15.622	169	1689431	29.094	ng/ul	98
68) 4-Bromophenyl-phenylether	16.304	248	543290	29.634	ng/ul	96
69) Hexachlorobenzene	16.404	284	627892	29.509	ng/ul#	92
70) Atrazine	16.587	200	339593	16.906	ng/ul	97
71) Pentachlorophenol	16.757	266	358863	27.385	ng/ul	97
72) Phenanthrene	17.151	178	3173545	29.966	ng/ul	99
74) Anthracene	17.245	178	3159514	29.991	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	761758	26.177	ng/uL	99
76) Pentachlorobenzene	14.663	250	721066	28.266	ng/uL	99
77) Carbazole	17.528	167	2941936	29.837	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3642914	29.557	ng/ul	99
80) Fluoranthene	19.139	202	3626533	30.173	ng/ul#	86
82) Pyrene	19.498	202	3739373	30.155	ng/ul#	83
83) Butylbenzylphthalate	20.392	149	1711463	30.938	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	997424	28.789	ng/ul#	98
85) Benzo(a)anthracene	21.222	228	3583599	30.073	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.163	149	2500740	30.297	ng/ul#	96
87) Chrysene	21.269	228	3416623	29.200	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	4207695	31.663	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	3890165	31.796	ng/ul#	96
91) Benzo(k)fluoranthene	22.921	252	3576197	31.118	ng/ul#	95
93) Benzo(a)pyrene	23.486	252	3315870	28.221	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.027	276	4406316	32.269	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.051	278	3684499	31.183	ng/ul#	92
96) Benzo(g,h,i)perylene	26.780	276	3601841	30.971	ng/ul#	87

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

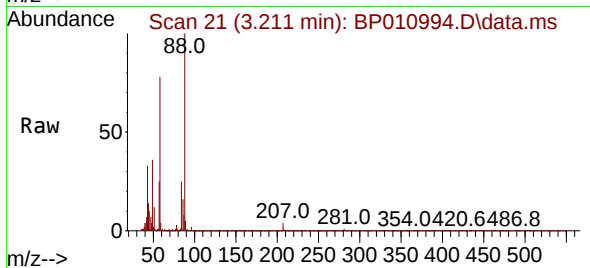
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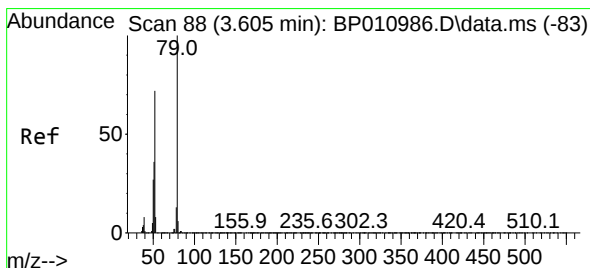
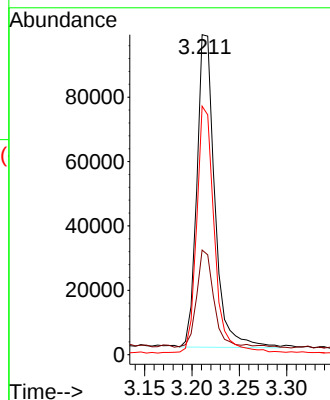
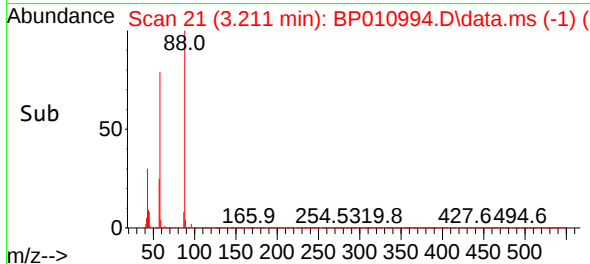


#2
 1,4-Dioxane
 Concen: 12.138 ng/uL
 RT: 3.211 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP010994.D
 Acq: 18 Jul 2022 15:52

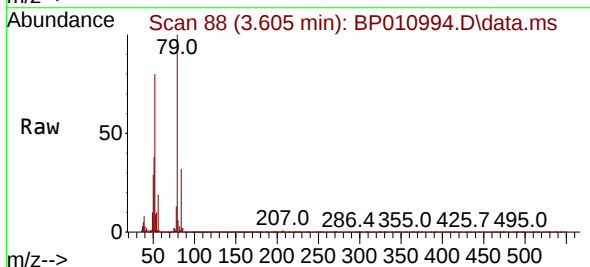
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 BNA_P
 ClientSampleId :



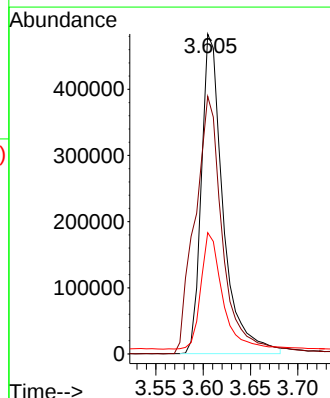
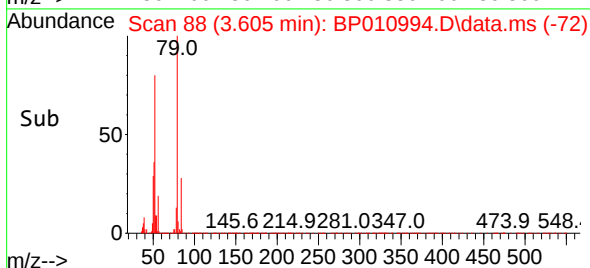
Tgt Ion: 88 Resp: 128232
 Ion Ratio Lower Upper
 88 100
 43 32.7 35.8 53.6#
 58 77.7 68.1 102.1

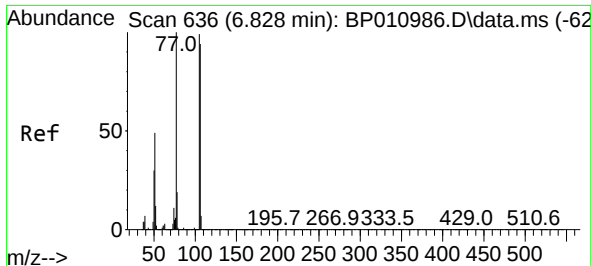


#5
 Pyridine
 Concen: 28.745 ng/uL
 RT: 3.605 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: BP010994.D
 Acq: 18 Jul 2022 15:52



Tgt Ion: 79 Resp: 770971
 Ion Ratio Lower Upper
 79 100
 52 80.5 83.8 125.8#
 51 37.9 41.0 61.4#

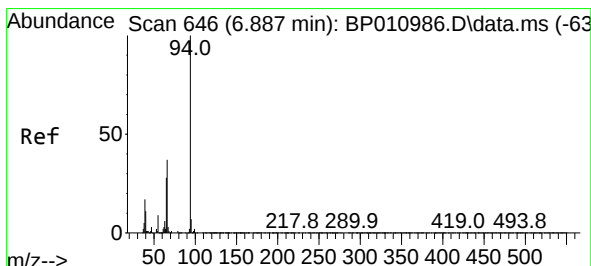
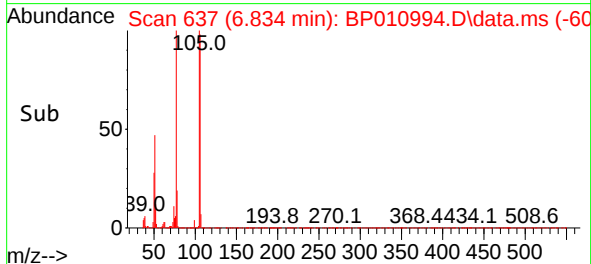
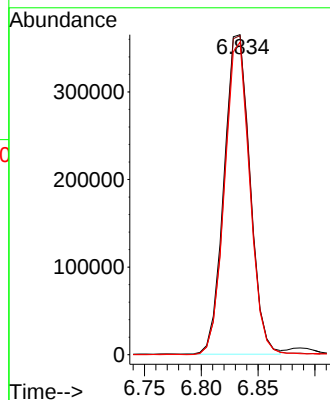
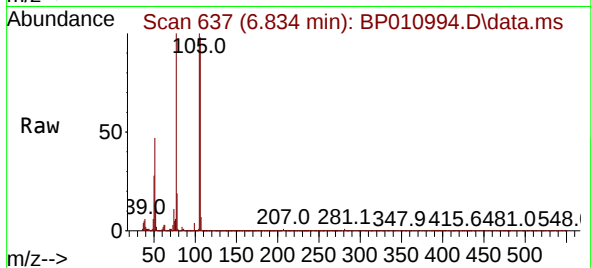




#6
Benzaldehyde
Concen: 39.952 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

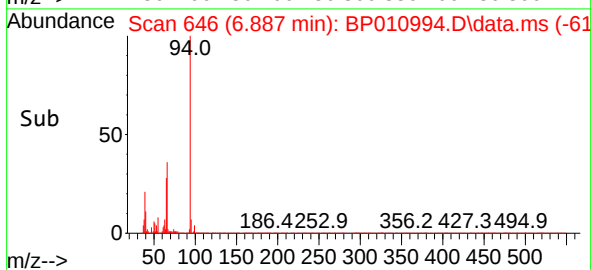
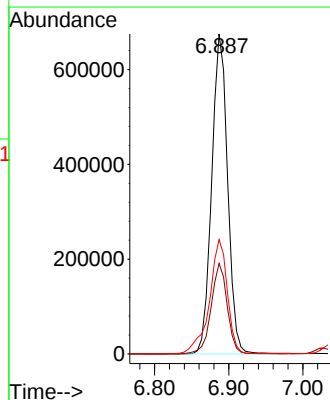
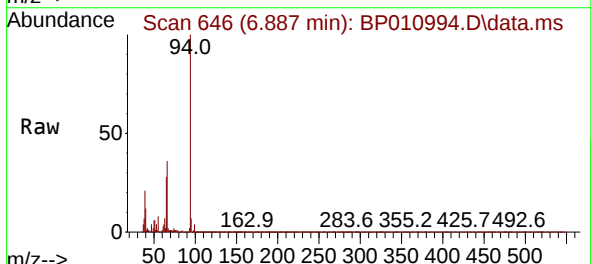
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BNA_P
ClientSampleId :

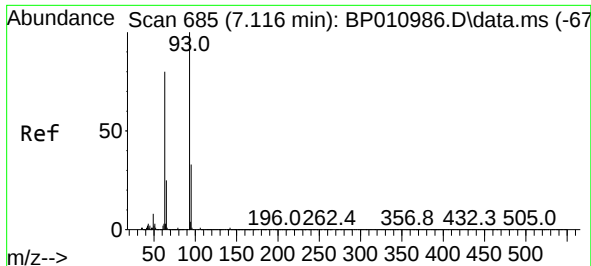
Tgt Ion: 77 Resp: 578235
Ion Ratio Lower Upper
77 100
105 99.7 76.0 114.0
106 97.7 73.2 109.8



#8
Phenol
Concen: 31.756 ng/ul
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion: 94 Resp: 1005812
Ion Ratio Lower Upper
94 100
65 28.3 27.4 41.2
66 35.7 37.4 56.2#

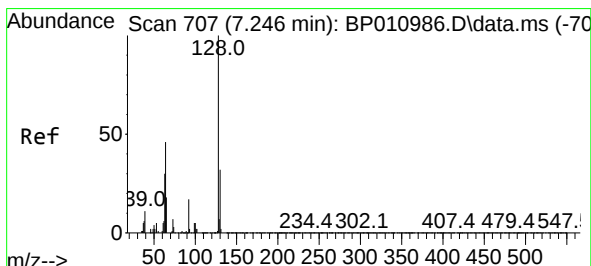
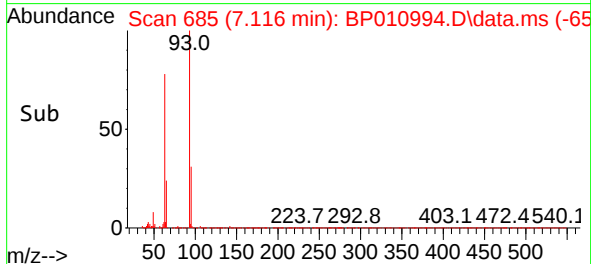
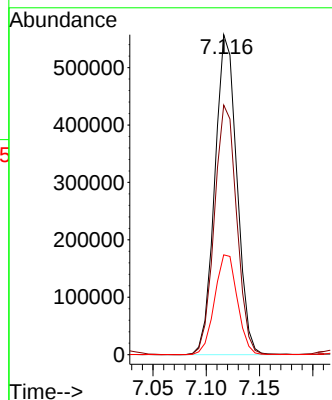
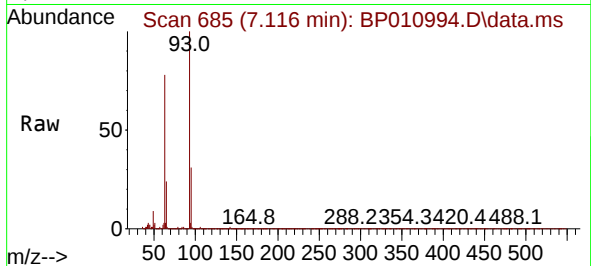




#10
Bis(2-Chloroethyl)ether
Concen: 31.866 ng/ul
RT: 7.116 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

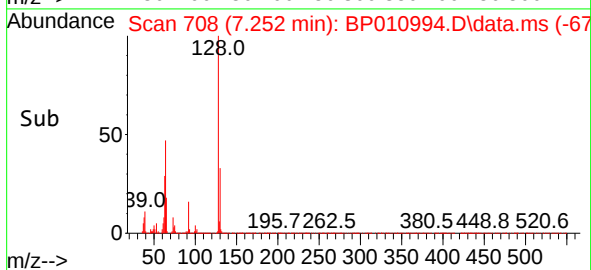
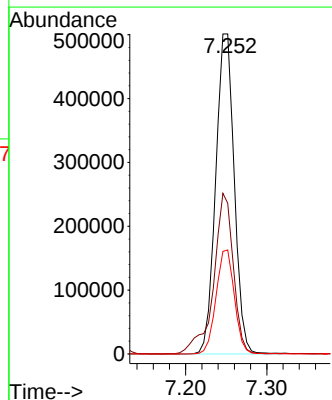
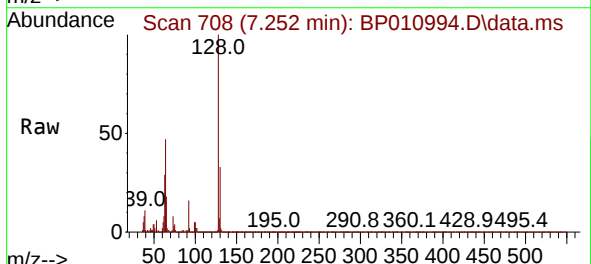
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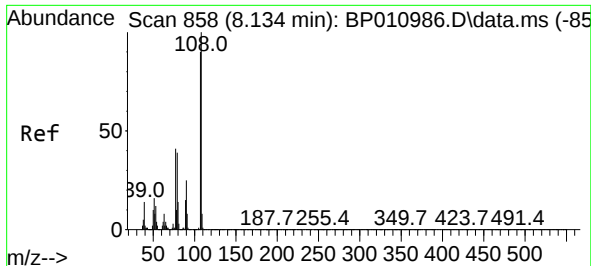
Tgt Ion: 93 Resp: 801009
Ion Ratio Lower Upper
93 100
63 78.0 72.4 108.6
95 31.2 27.3 40.9



#12
2-Chlorophenol
Concen: 32.011 ng/ul
RT: 7.252 min Scan# 708
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:128 Resp: 796688
Ion Ratio Lower Upper
128 100
64 47.1 44.8 67.2
130 32.5 25.8 38.6





#13

2-Methylphenol

Concen: 31.656 ng/ul

RT: 8.134 min Scan# 858

Delta R.T. 0.000 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

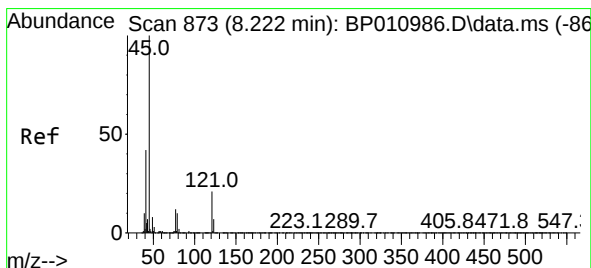
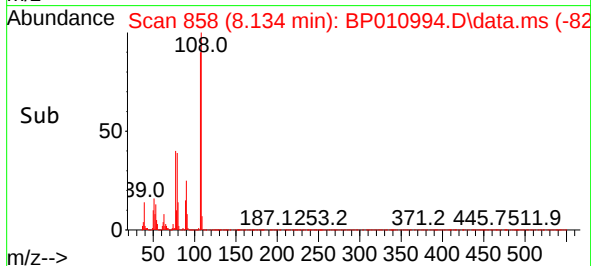
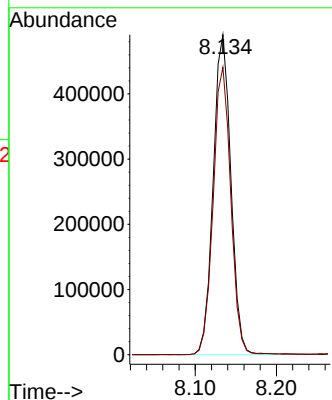
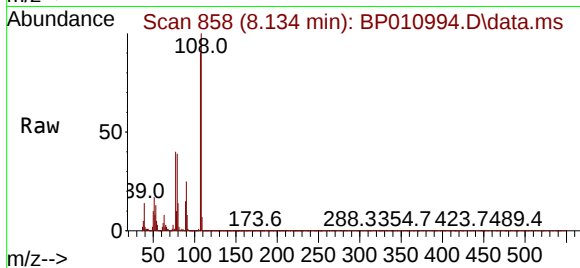
ClientSampleId :

Tgt Ion:108 Resp: 741478

Ion Ratio Lower Upper

108 100

107 89.8 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.600 ng/ul

RT: 8.222 min Scan# 873

Delta R.T. 0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

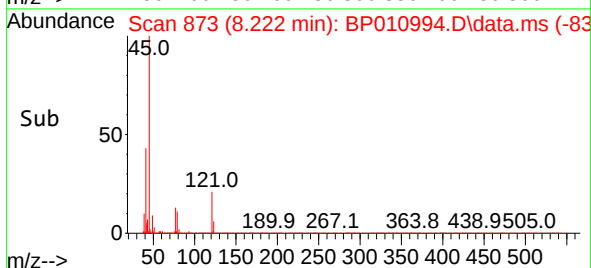
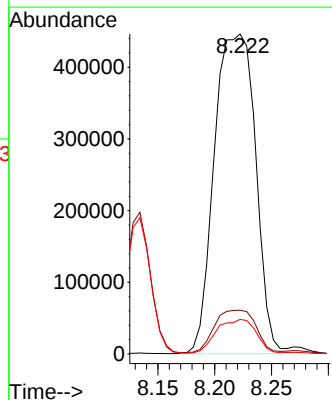
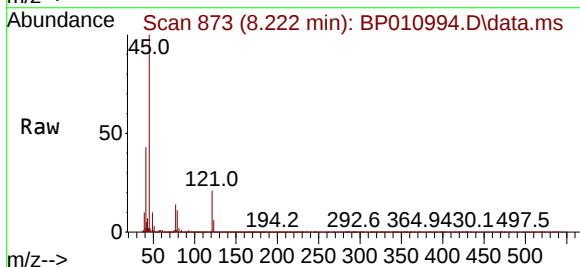
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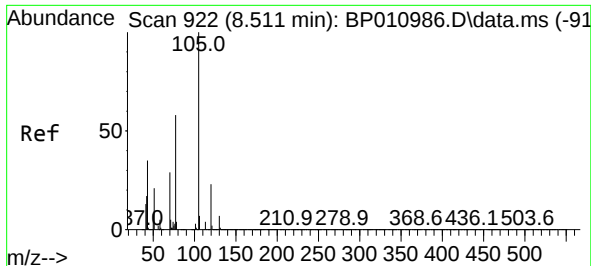
Ion Ratio Lower Upper

45 100

77 13.6 11.2 16.8

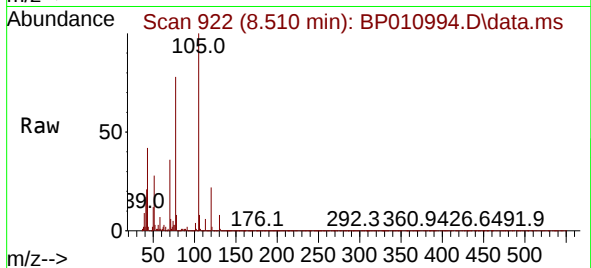
79 10.8 6.9 10.3#



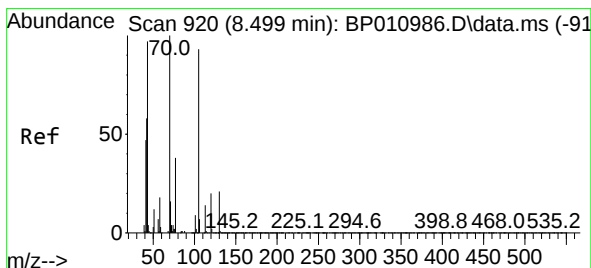
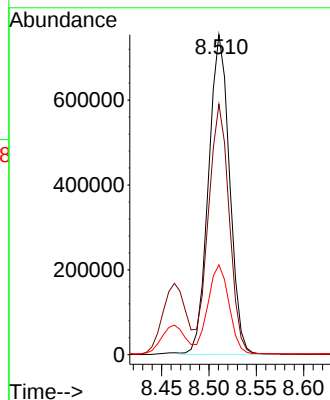
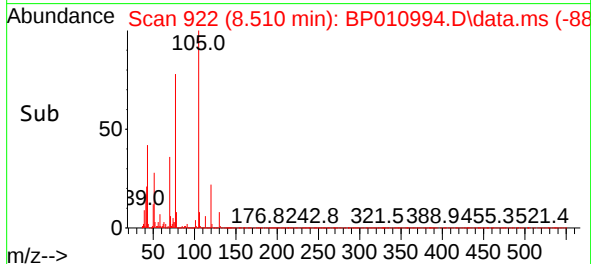


#16
Acetophenone
Concen: 32.201 ng/ul
RT: 8.510 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

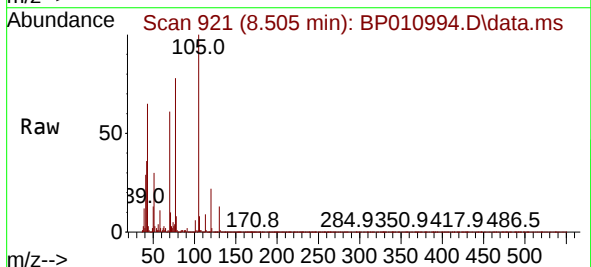
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ClientSampleId :



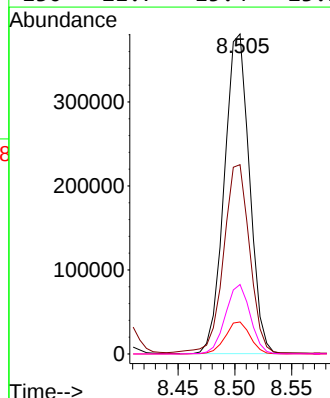
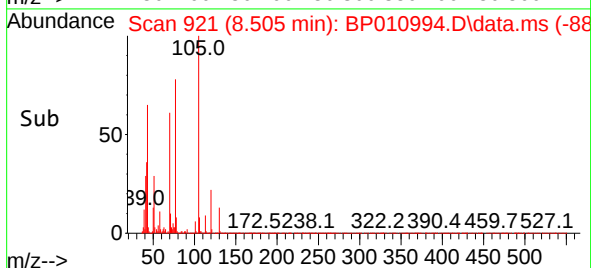
Tgt Ion:105 Resp: 1162808
Ion Ratio Lower Upper
105 100
77 78.2 67.5 101.3
51 28.1 29.6 44.4#

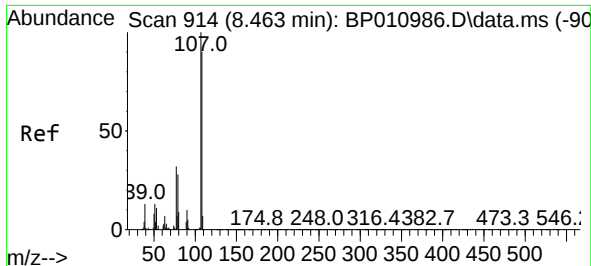


#17
N-Nitroso-di-n-propylamine
Concen: 32.292 ng/ul
RT: 8.505 min Scan# 921
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52



Tgt Ion: 70 Resp: 585100
Ion Ratio Lower Upper
70 100
42 59.2 53.8 80.8
101 10.0 7.8 11.6
130 21.7 15.4 23.2

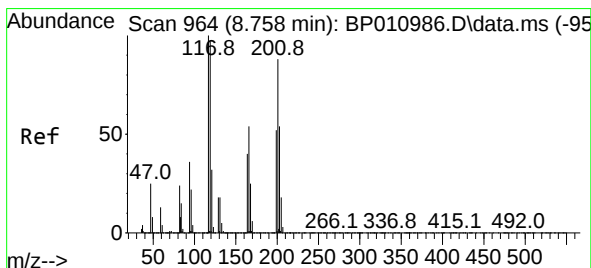
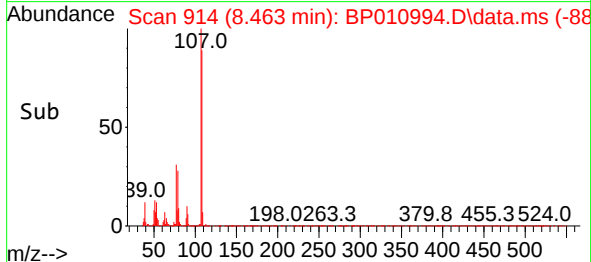
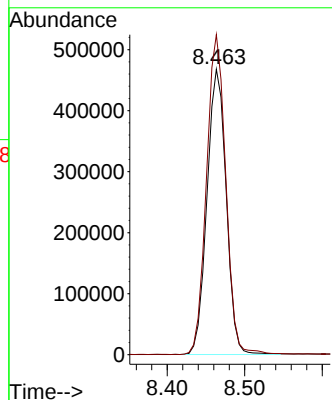
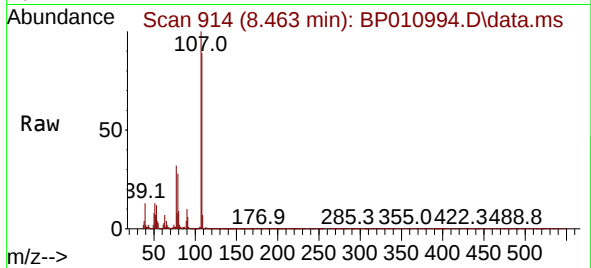




#18
4-Methylphenol
Concen: 32.199 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

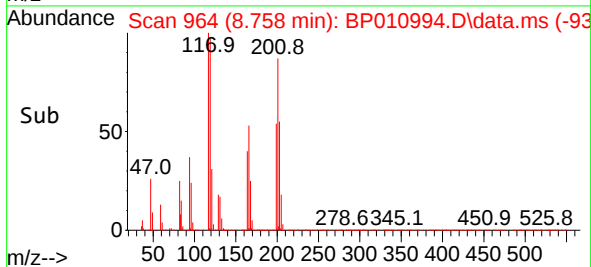
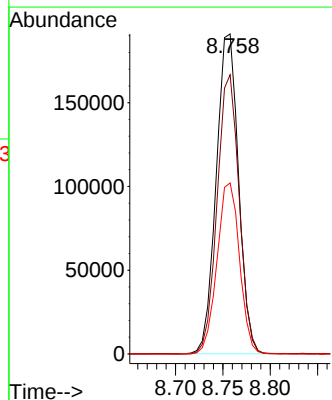
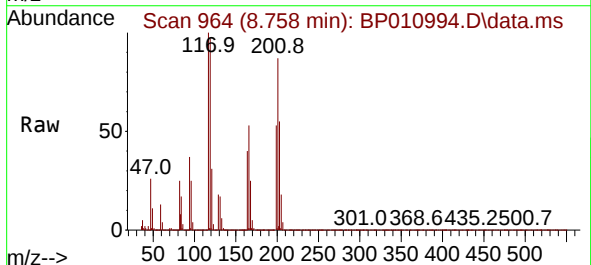
Instrument :
BNA_P
ClientSampleId :

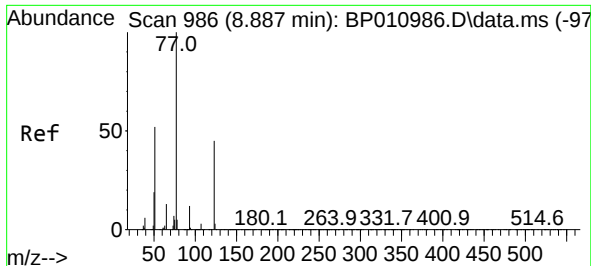
Tgt Ion:108 Resp: 805258
Ion Ratio Lower Upper
108 100
107 112.1 88.3 132.5



#19
Hexachloroethane
Concen: 31.733 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:117 Resp: 312537
Ion Ratio Lower Upper
117 100
201 87.2 85.7 128.5
199 53.5 57.4 86.0#

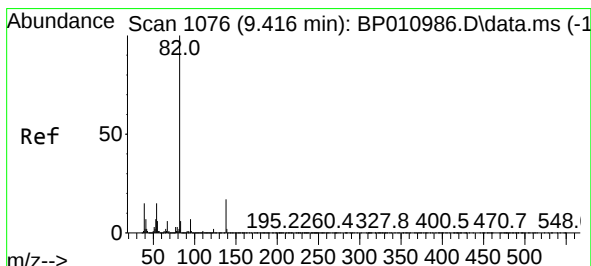
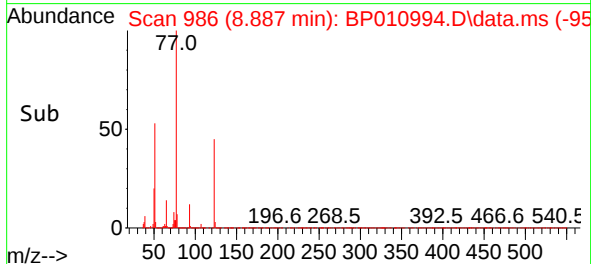
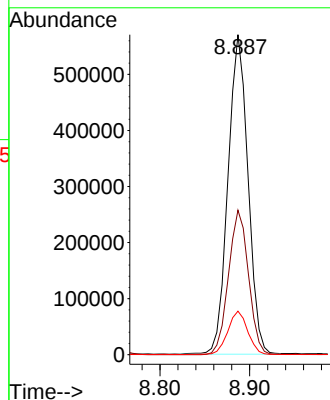
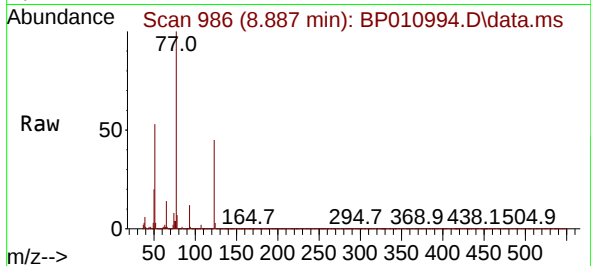




#22
Nitrobenzene
Concen: 30.804 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

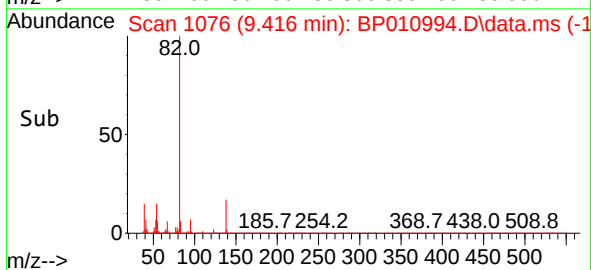
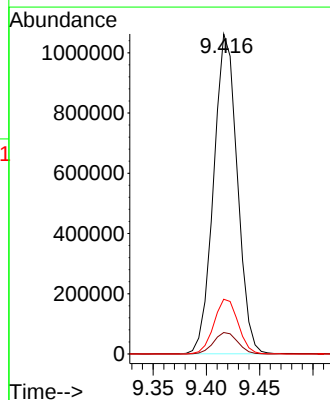
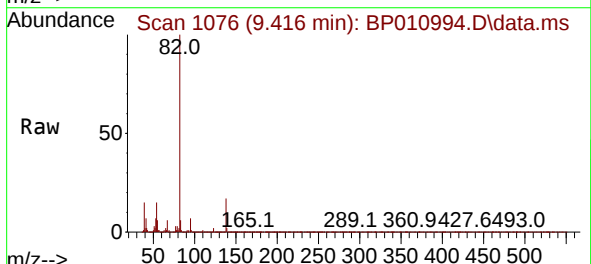
Instrument :
BNA_P
ClientSampleId :

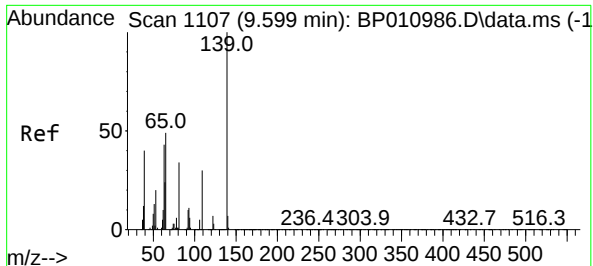
Tgt Ion: 77 Resp: 881974
Ion Ratio Lower Upper
77 100
123 45.2 31.5 47.3
65 13.6 11.4 17.2



#23
Isophorone
Concen: 30.591 ng/ul
RT: 9.416 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion: 82 Resp: 1639259
Ion Ratio Lower Upper
82 100
95 6.7 6.6 10.0
138 17.1 13.8 20.6





#25

2-Nitrophenol

Concen: 29.906 ng/ul

RT: 9.593 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

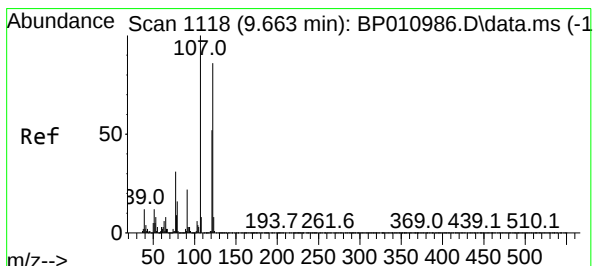
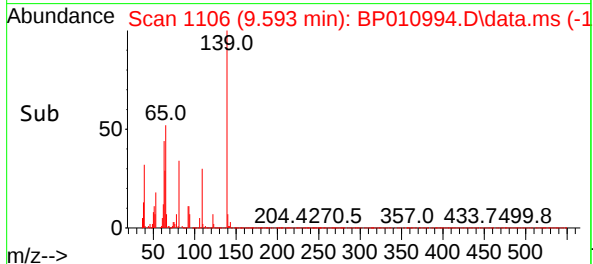
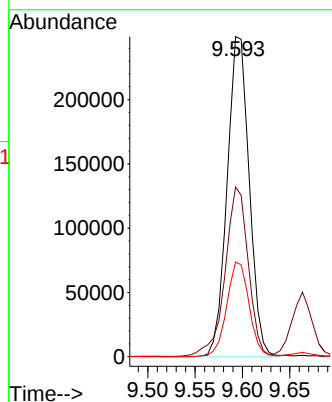
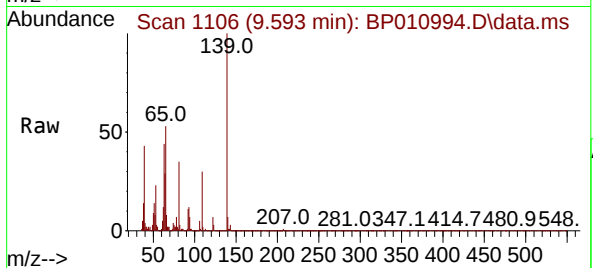
Tgt Ion:139 Resp: 404420

Ion Ratio Lower Upper

139 100

65 53.1 54.2 81.4#

109 29.6 30.6 45.8#



#26

2,4-Dimethylphenol

Concen: 29.387 ng/ul

RT: 9.663 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

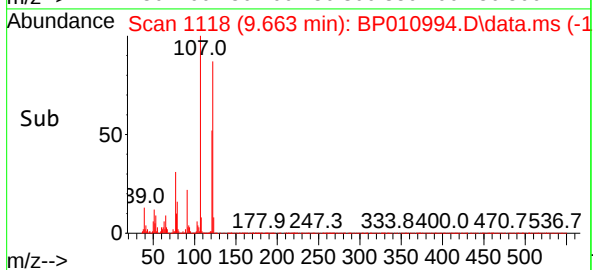
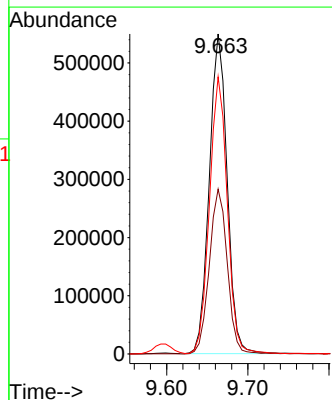
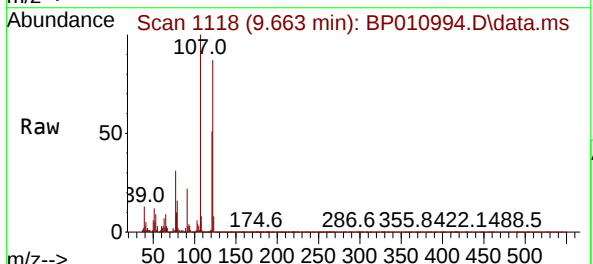
Tgt Ion:107 Resp: 840366

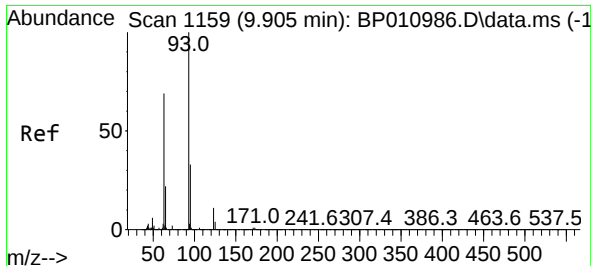
Ion Ratio Lower Upper

107 100

121 51.5 39.1 58.7

122 86.6 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 29.488 ng/ul

RT: 9.905 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

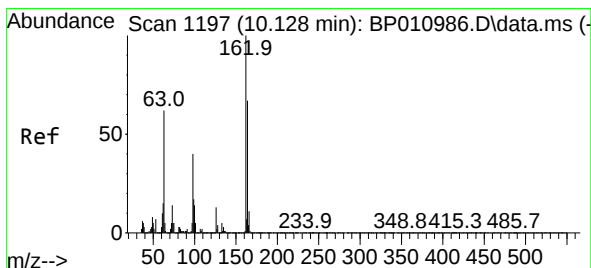
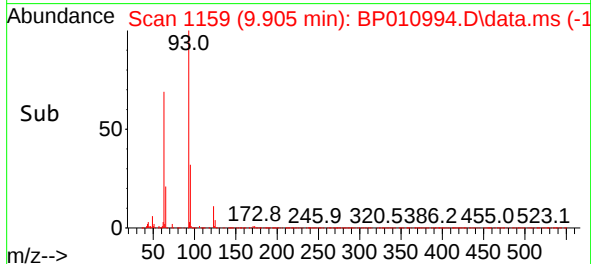
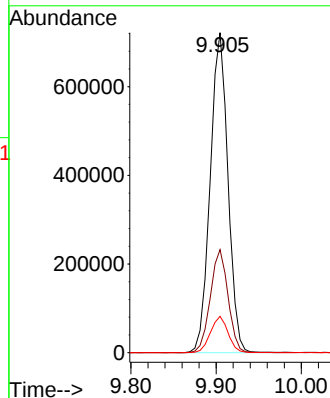
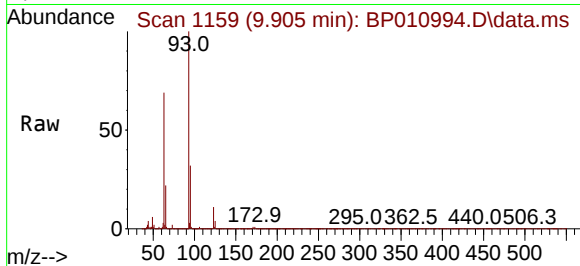
Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 93 Resp: 1045710

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	11.3	7.8	11.8



#29

2,4-Dichlorophenol

Concen: 29.404 ng/ul

RT: 10.128 min Scan# 1197

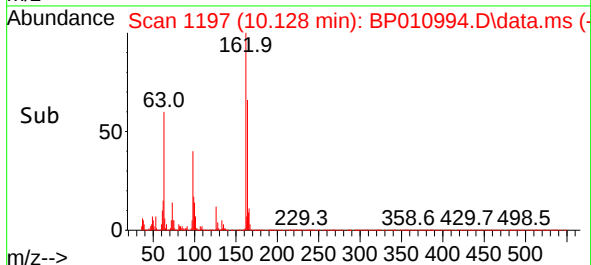
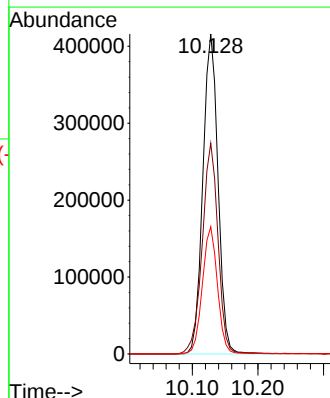
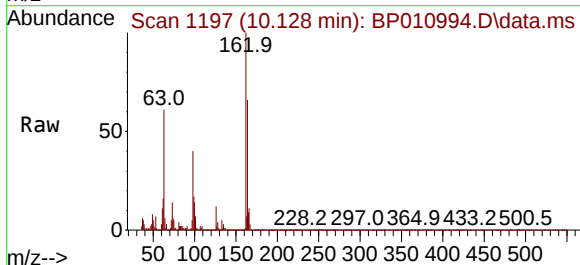
Delta R.T. -0.006 min

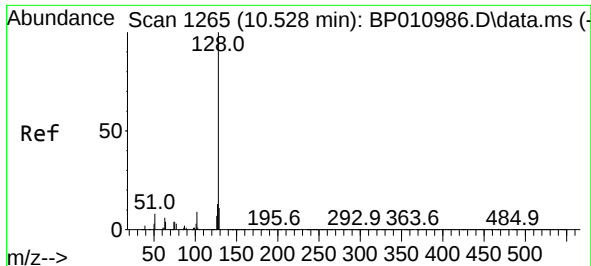
Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Tgt Ion:162 Resp: 670529

Ion	Ratio	Lower	Upper
162	100		
164	65.9	52.5	78.7
98	39.7	31.4	47.0

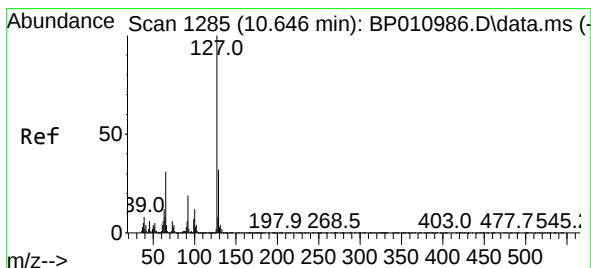
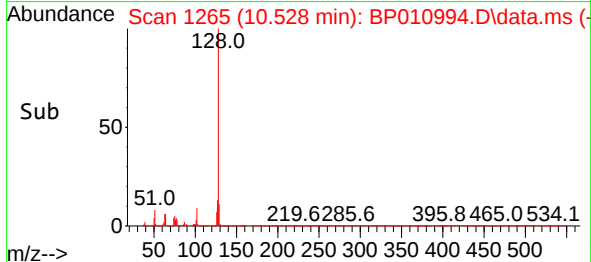
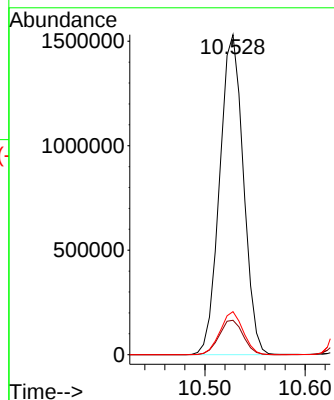
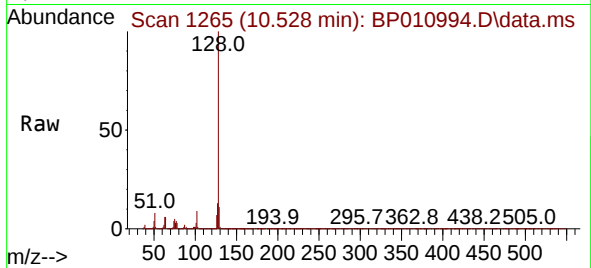




#30
Naphthalene
Concen: 29.540 ng/ul
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

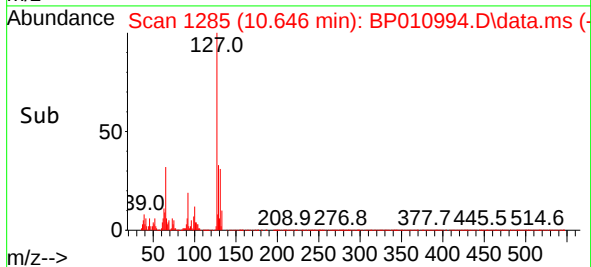
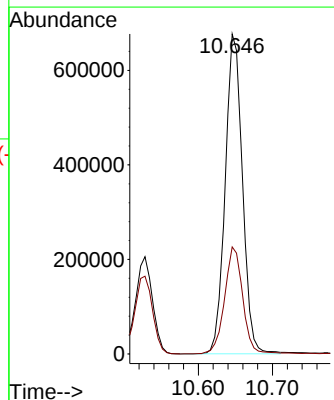
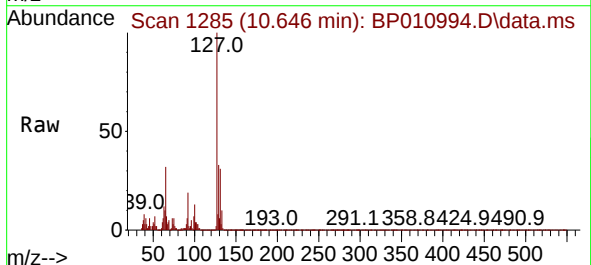
Instrument :
BNA_P
ClientSampleId :

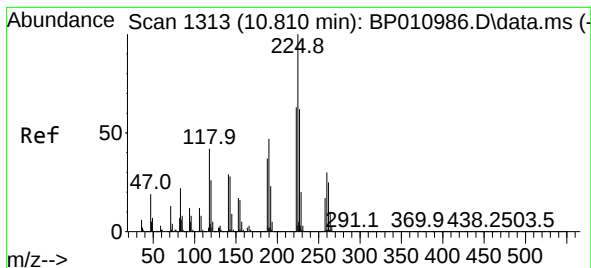
Tgt Ion:128 Resp: 2514863
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.2 15.4



#32
4-Chloroaniline
Concen: 30.440 ng/ul
RT: 10.646 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:127 Resp: 1093584
Ion Ratio Lower Upper
127 100
129 33.5 26.2 39.2





#33

Hexachlorobutadiene

Concen: 27.791 ng/ul

RT: 10.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

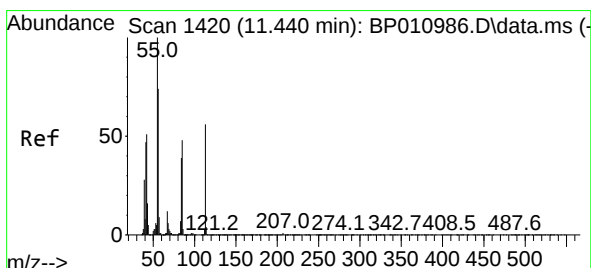
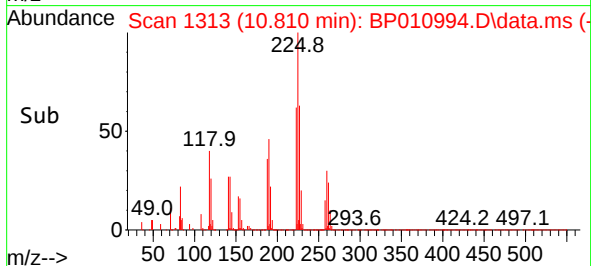
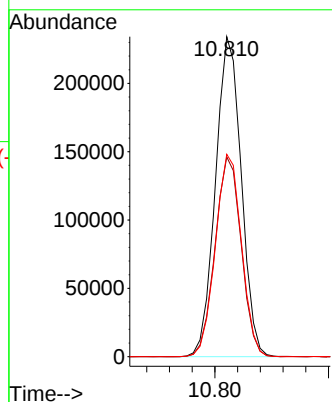
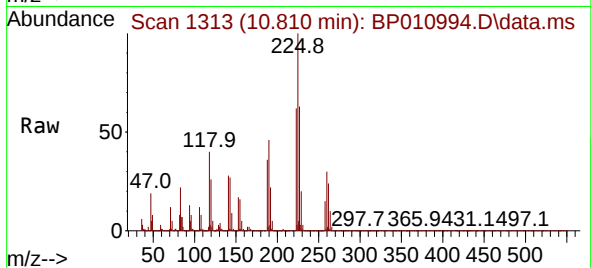
Tgt Ion:225 Resp: 368902

Ion Ratio Lower Upper

225 100

223 62.4 53.7 80.5

227 63.3 49.4 74.2



#34

Caprolactam

Concen: 30.707 ng/ul

RT: 11.446 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

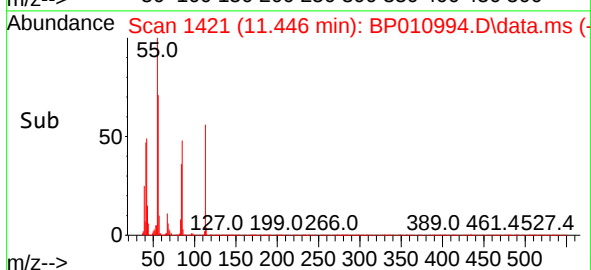
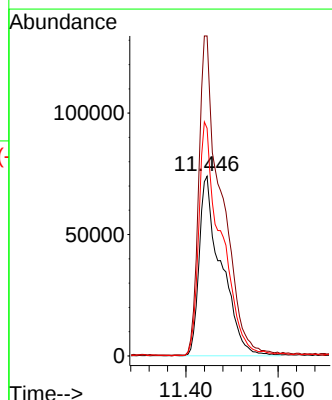
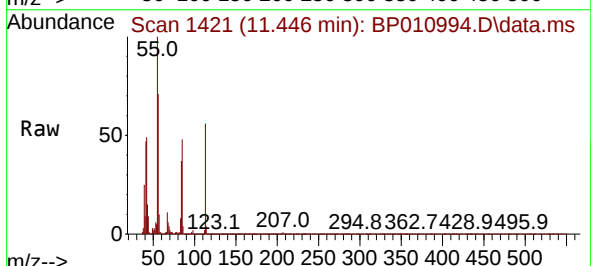
Tgt Ion:113 Resp: 245405

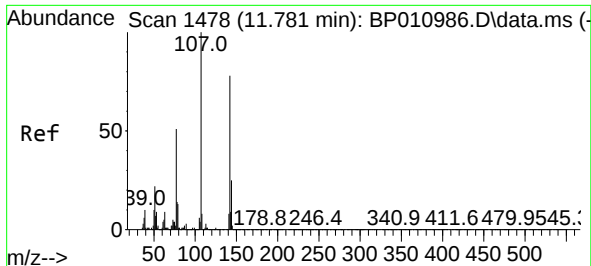
Ion Ratio Lower Upper

113 100

55 178.1 153.8 230.8

56 126.7 110.2 165.4

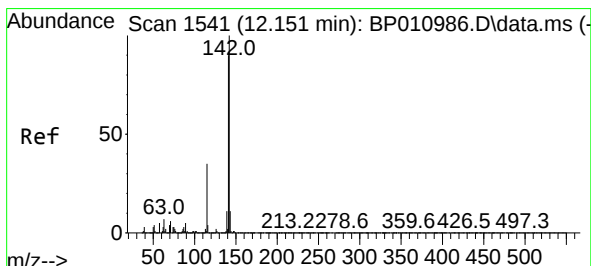
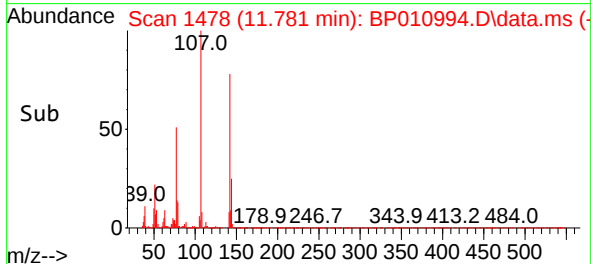
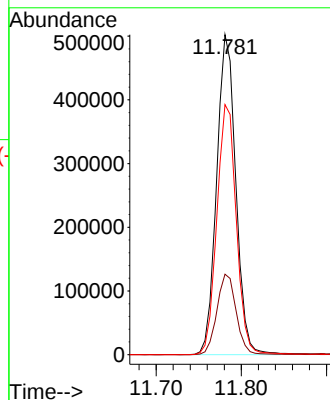
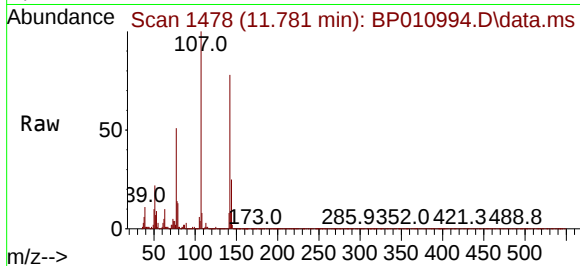




#35
4-Chloro-3-methylphenol
Concen: 30.430 ng/ul
RT: 11.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

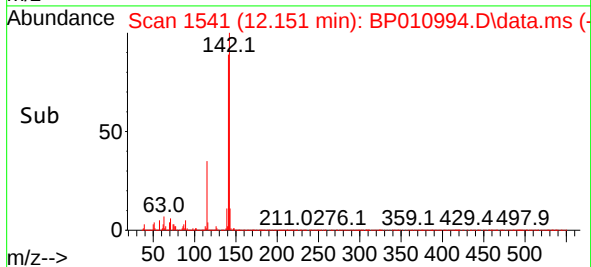
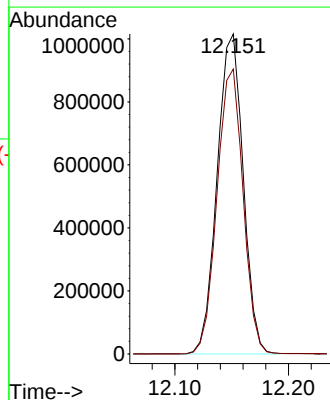
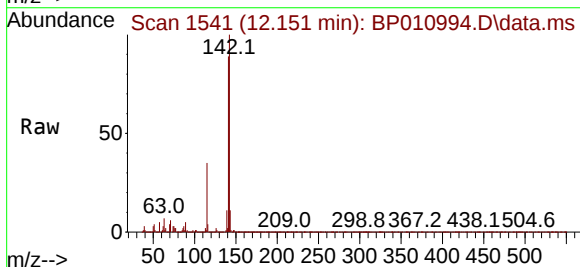
Instrument :
BNA_P
ClientSampleId :

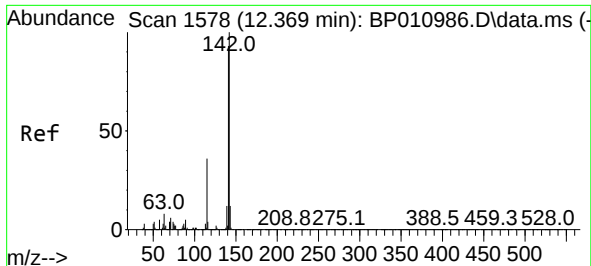
Tgt Ion:107 Resp: 784219
Ion Ratio Lower Upper
107 100
144 25.2 18.6 27.8
142 78.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 29.272 ng/ul
RT: 12.151 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:142 Resp: 1615579
Ion Ratio Lower Upper
142 100
141 89.0 70.1 105.1

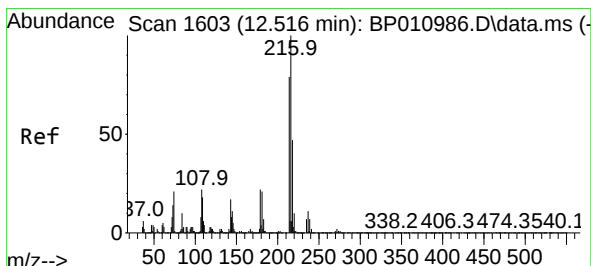
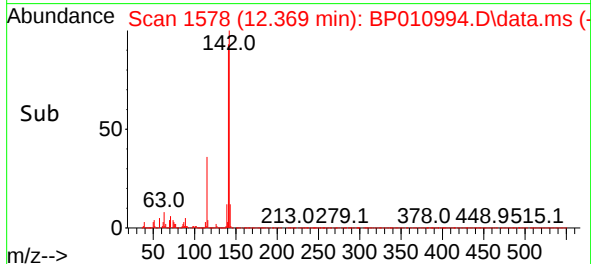
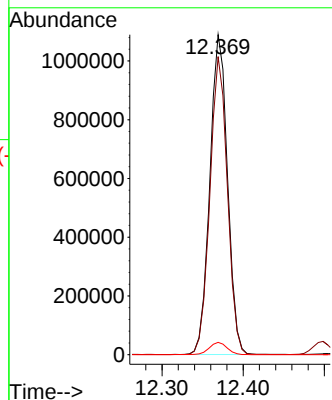
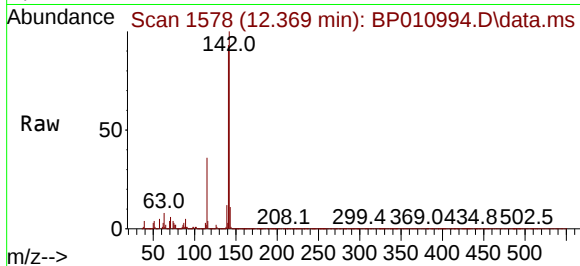




#37
1-Methylnaphthalene
Concen: 29.714 ng/ul
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

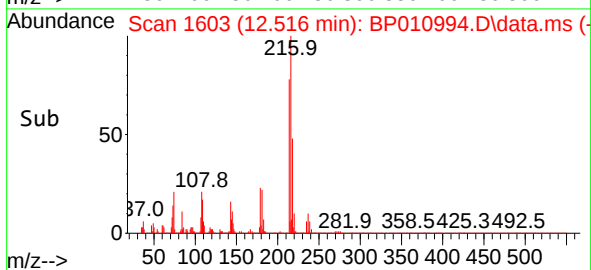
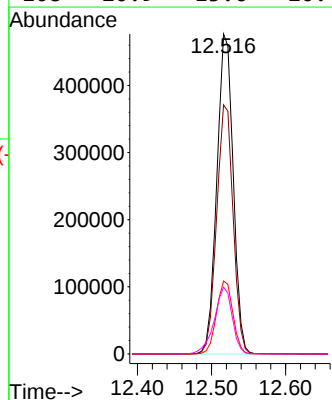
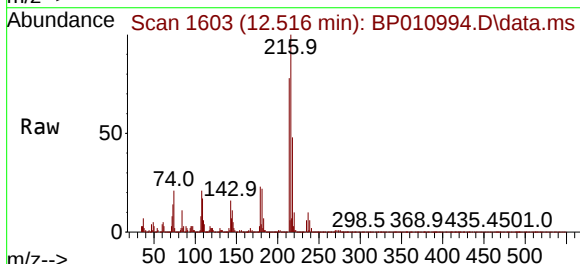
Instrument :
BNA_P
ClientSampleId :

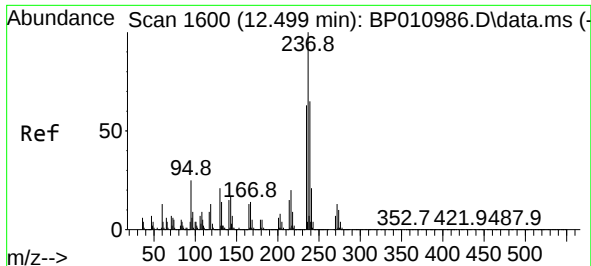
Tgt Ion:142 Resp: 1643826
Ion Ratio Lower Upper
142 100
141 93.1 73.3 109.9
116 3.8 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.096 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:216 Resp: 730470
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.6
179 22.8 18.1 27.1
108 20.9 13.6 20.4#

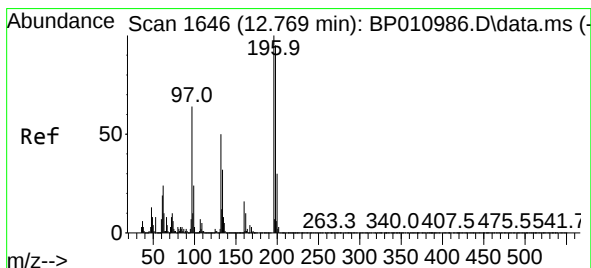
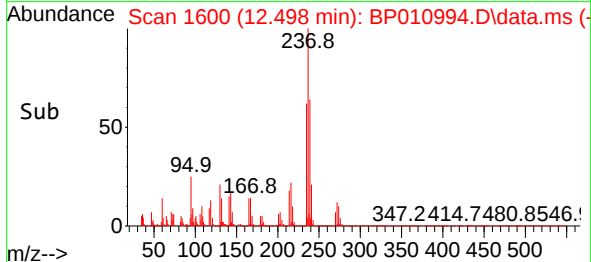
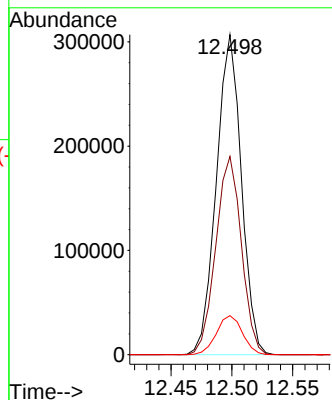
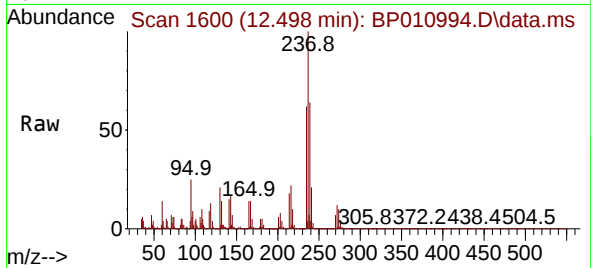




#40
Hexachlorocyclopentadiene
Concen: 27.269 ng/ul
RT: 12.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

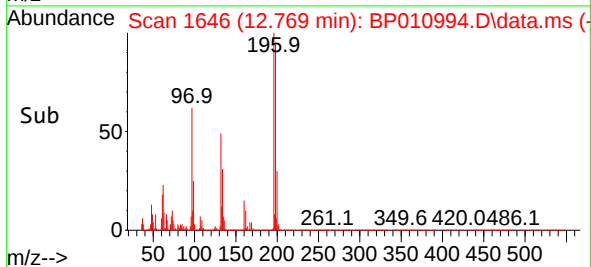
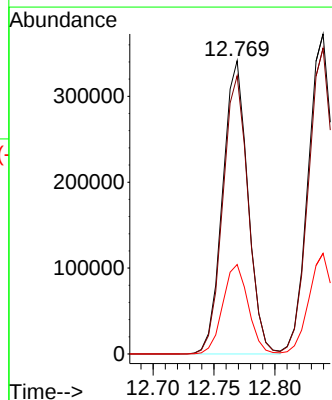
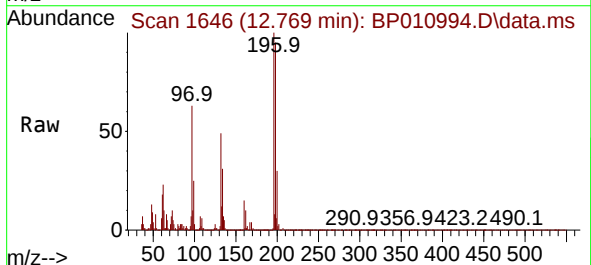
Instrument :
BNA_P
ClientSampleId :

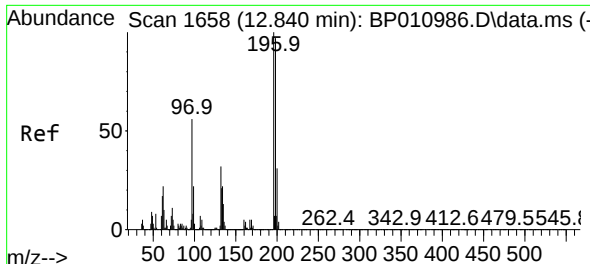
Tgt Ion:237 Resp: 439109
Ion Ratio Lower Upper
237 100
235 61.9 52.8 79.2
272 13.0 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 28.792 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:196 Resp: 492971
Ion Ratio Lower Upper
196 100
198 94.8 78.2 117.4
200 30.5 25.0 37.6

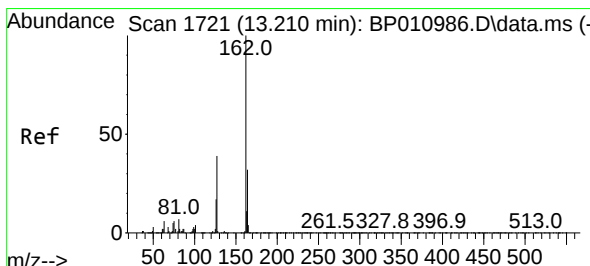
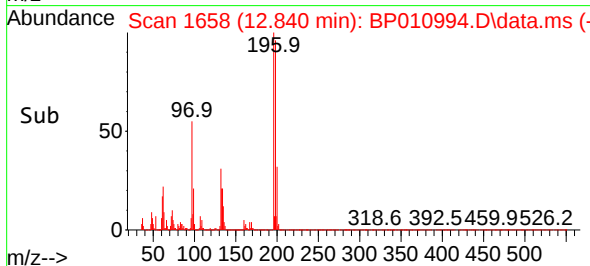
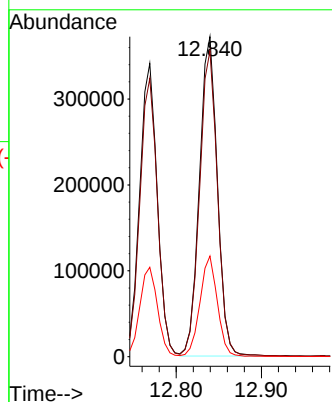
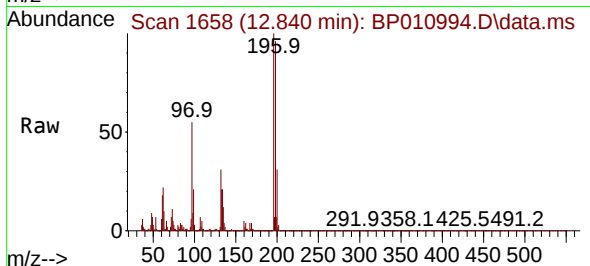




#42
2,4,5-Trichlorophenol
Concen: 29.696 ng/ul
RT: 12.840 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

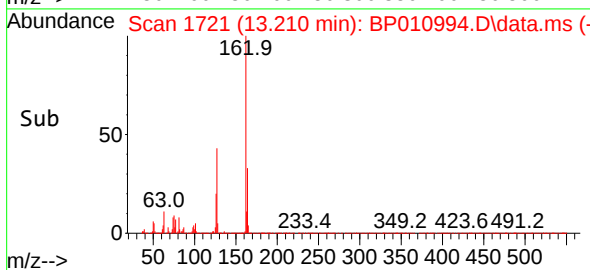
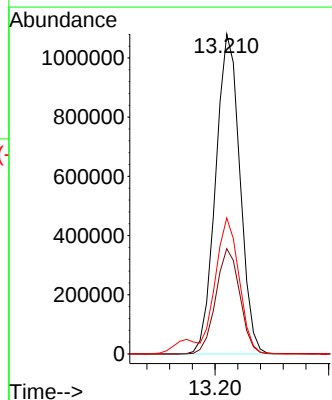
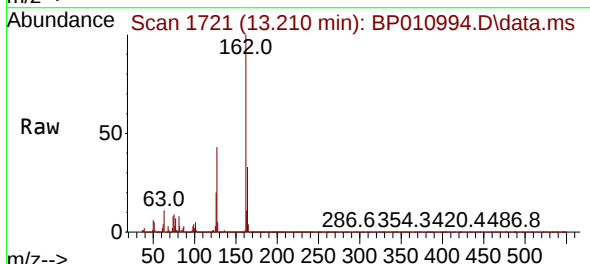
Instrument :
BNA_P
ClientSampleId :

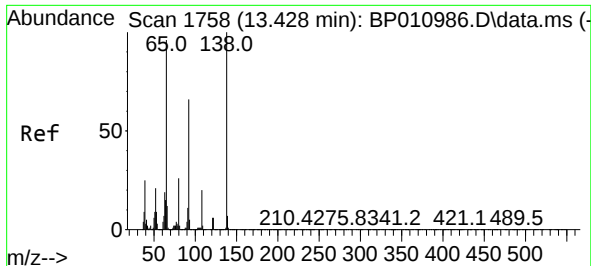
Tgt Ion:196 Resp: 543384
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
200 31.4 24.8 37.2



#44
2-Chloronaphthalene
Concen: 29.029 ng/ul
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:162 Resp: 1603774
Ion Ratio Lower Upper
162 100
164 32.9 25.5 38.3
127 42.5 31.9 47.9

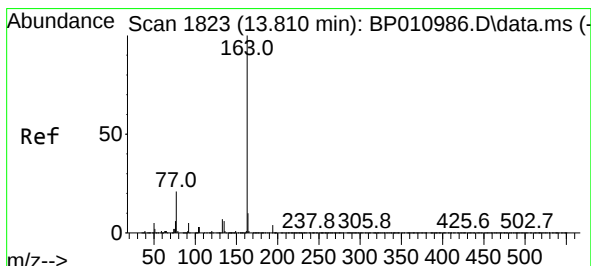
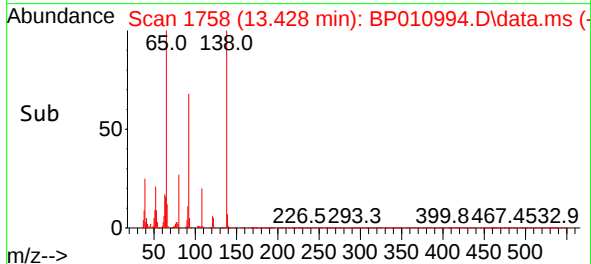
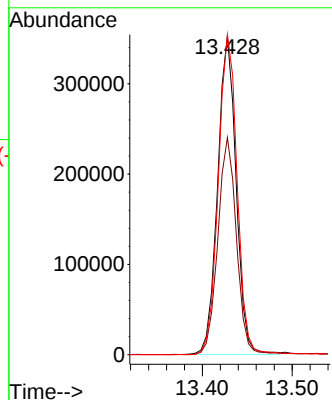
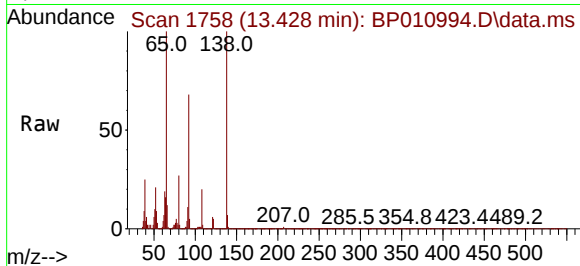




#45
2-Nitroaniline
Concen: 31.363 ng/ul
RT: 13.428 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

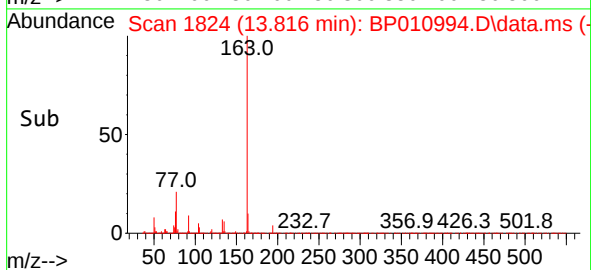
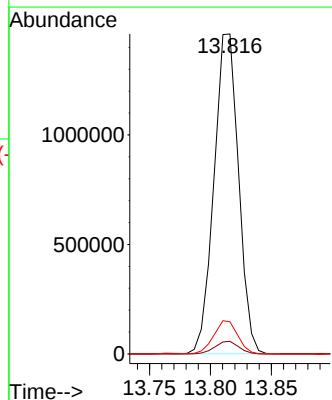
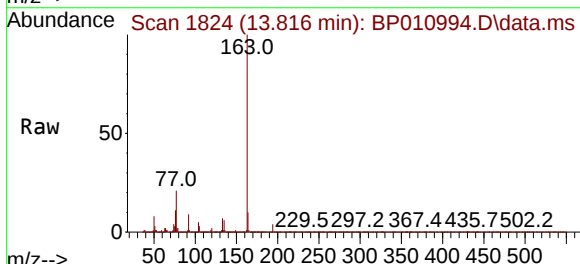
Instrument :
BNA_P
ClientSampleId :

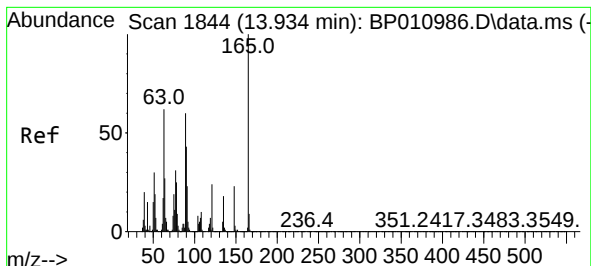
Tgt Ion: 65 Resp: 504819
Ion Ratio Lower Upper
65 100
92 68.1 49.0 73.6
138 100.3 66.4 99.6#



#47
Dimethylphthalate
Concen: 30.217 ng/ul
RT: 13.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:163 Resp: 2054254
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.0 7.6 11.4

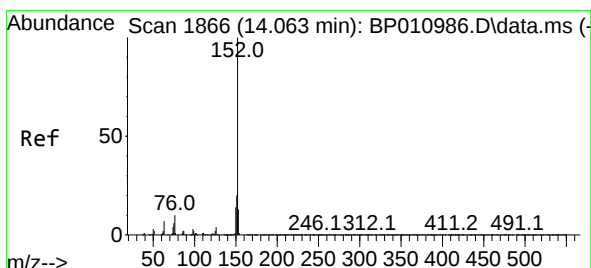
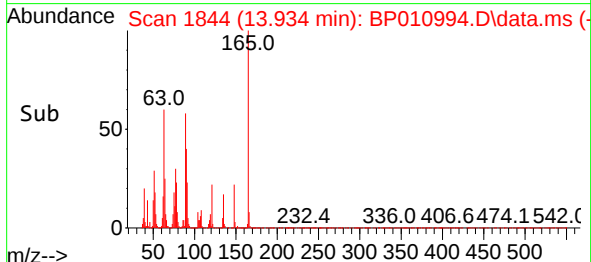
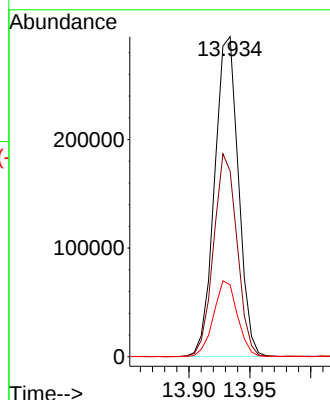
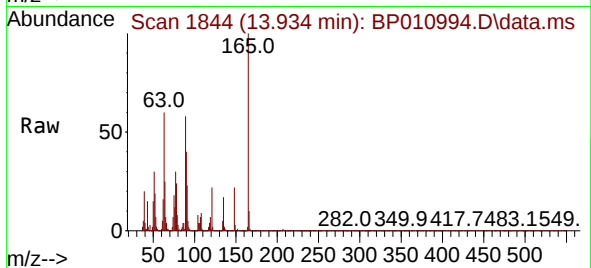




#48
2,6-Dinitrotoluene
Concen: 32.581 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

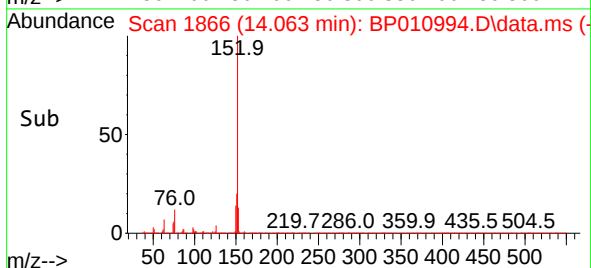
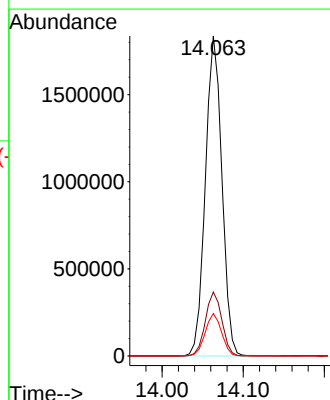
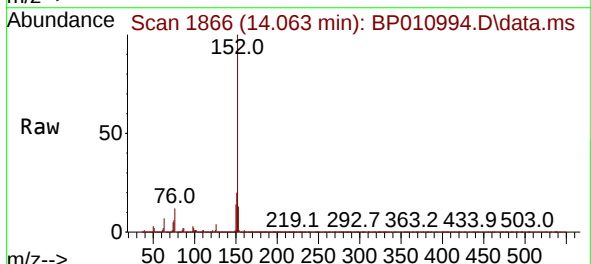
Instrument :
BNA_P
ClientSampleId :

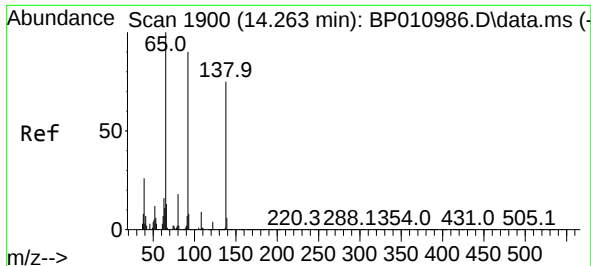
Tgt Ion:165 Resp: 401015
Ion Ratio Lower Upper
165 100
89 58.0 52.9 79.3
121 22.5 19.4 29.2



#50
Acenaphthylene
Concen: 29.082 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:152 Resp: 2594091
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.2 10.1 15.1

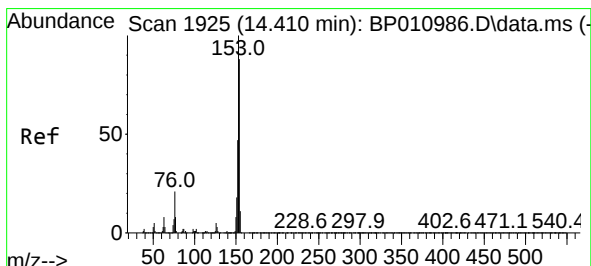
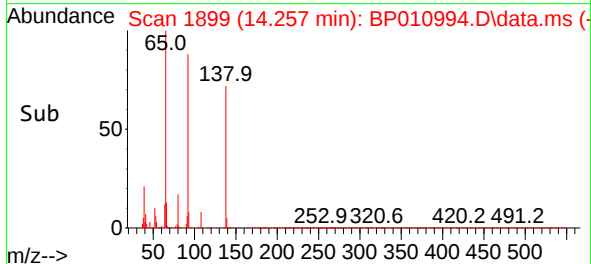
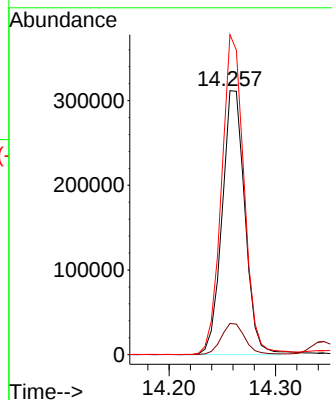
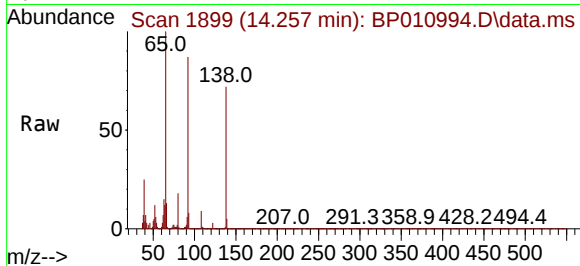




#51
3-Nitroaniline
Concen: 31.304 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

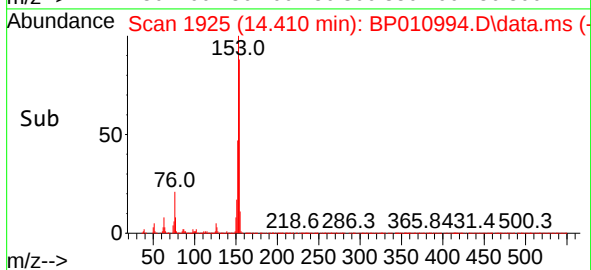
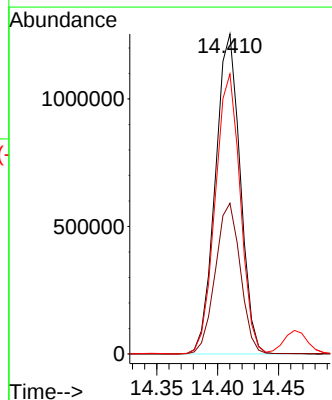
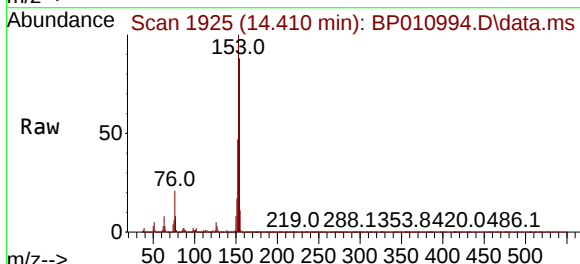
Instrument :
BNA_P
ClientSampleId :

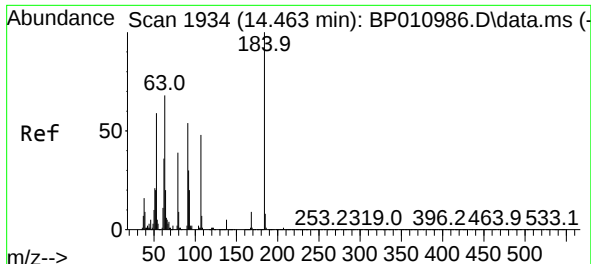
Tgt Ion:138 Resp: 462897
Ion Ratio Lower Upper
138 100
108 11.8 11.0 16.4
92 121.2 104.6 156.8



#52
Acenaphthene
Concen: 30.160 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:153 Resp: 1782152
Ion Ratio Lower Upper
153 100
152 47.1 36.2 54.2
154 87.5 70.8 106.2

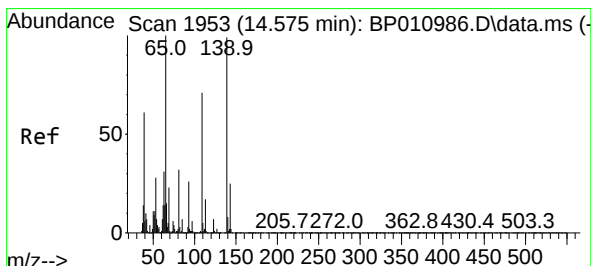
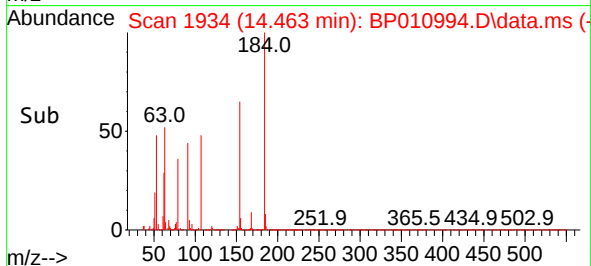
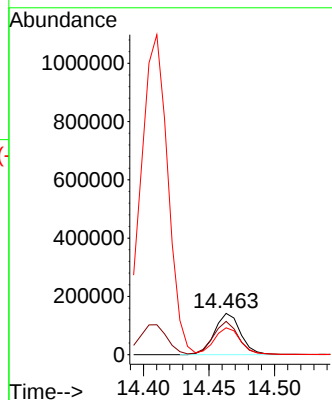
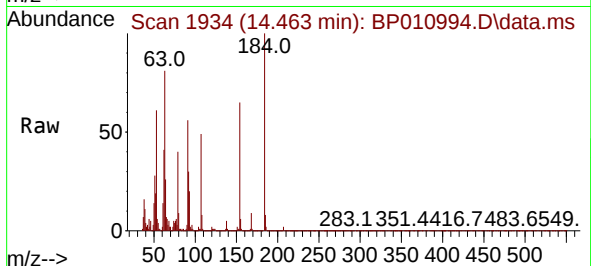




#53
2,4-Dinitrophenol
Concen: 27.114 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

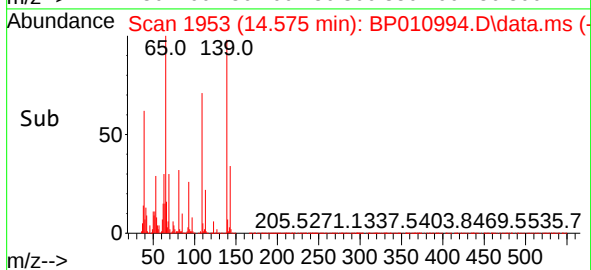
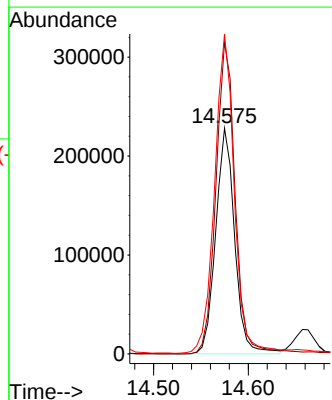
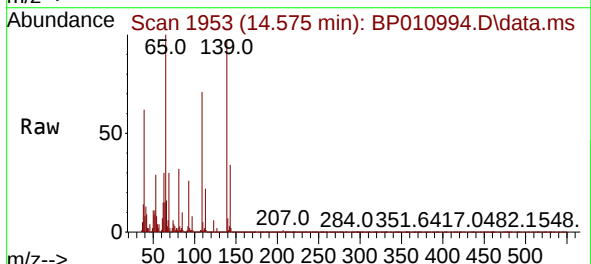
Instrument :
BNA_P
ClientSampleId :

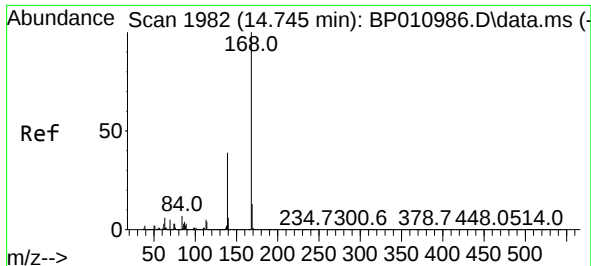
Tgt Ion:184 Resp: 195241
Ion Ratio Lower Upper
184 100
63 80.6 73.8 110.6
154 65.2 57.2 85.8



#55
4-Nitrophenol
Concen: 30.406 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:109 Resp: 317427
Ion Ratio Lower Upper
109 100
139 138.0 75.6 113.4#
65 141.8 107.6 161.4

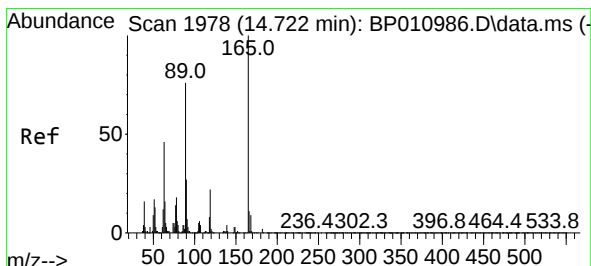
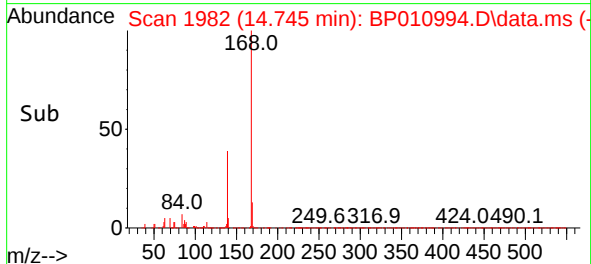
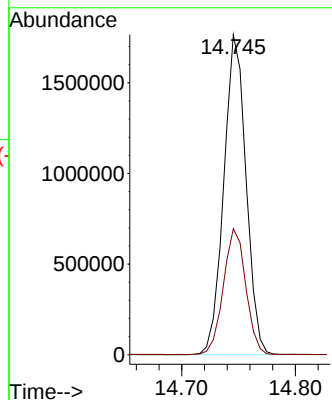
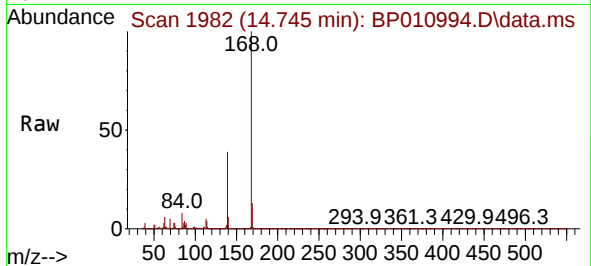




#56
Dibenzenofuran
Concen: 29.408 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

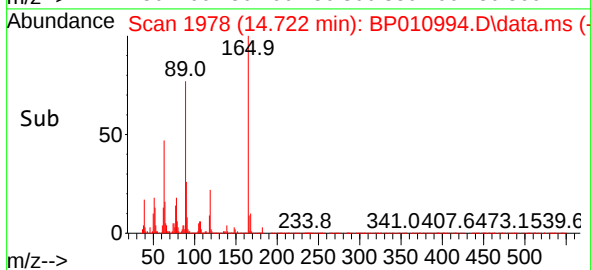
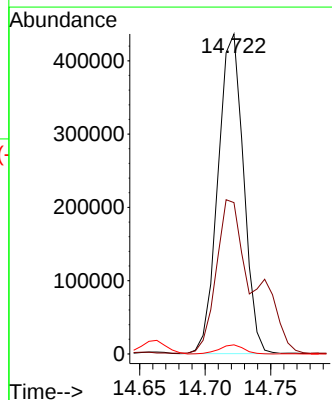
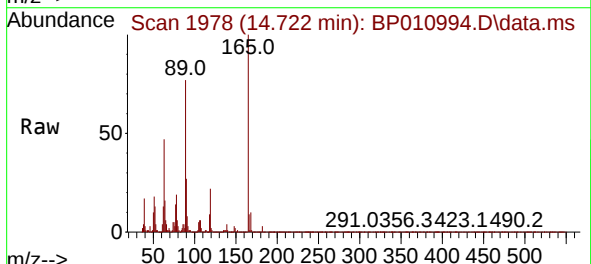
Instrument :
BNA_P
ClientSampleId :

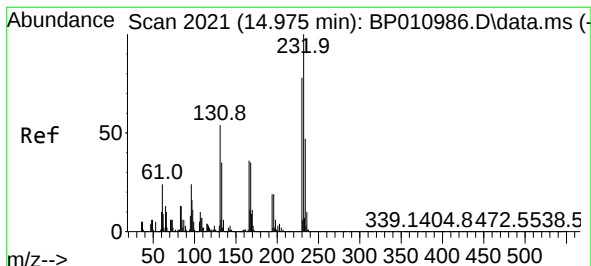
Tgt Ion:168 Resp: 2397854
Ion Ratio Lower Upper
168 100
139 39.4 32.8 49.2



#57
2,4-Dinitrotoluene
Concen: 33.681 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:165 Resp: 591313
Ion Ratio Lower Upper
165 100
63 47.3 47.0 70.6
182 2.9 2.2 3.2

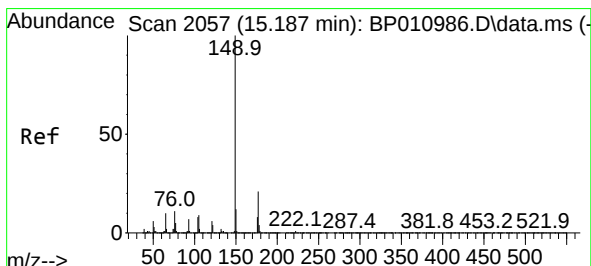
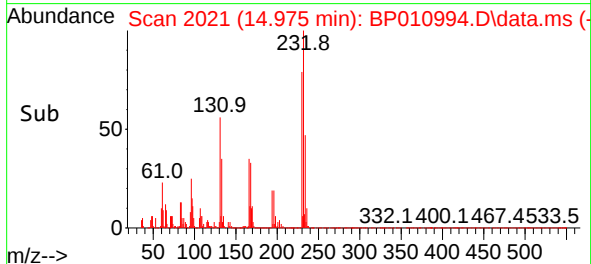
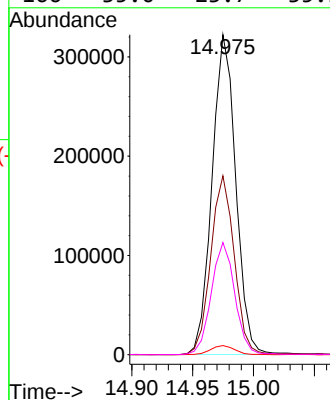
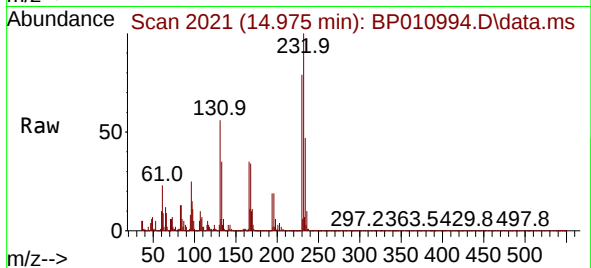




#58
2,3,4,6-Tetrachlorophenol
Concen: 30.434 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

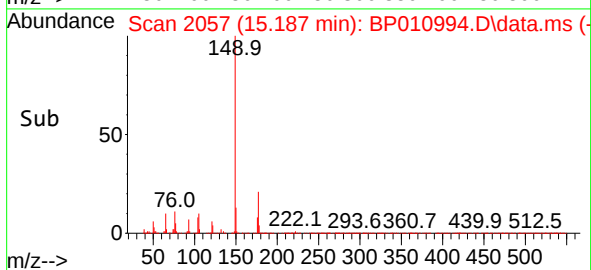
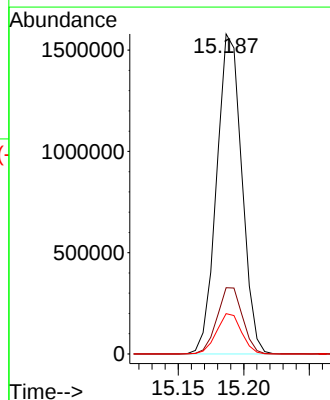
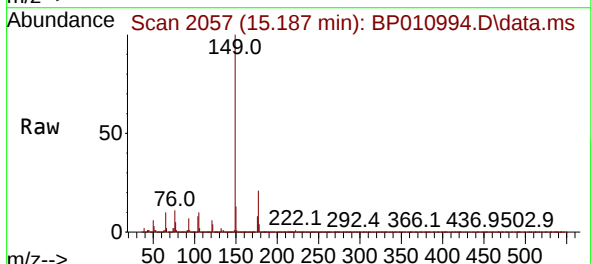
Instrument :
BNA_P
ClientSampleId :

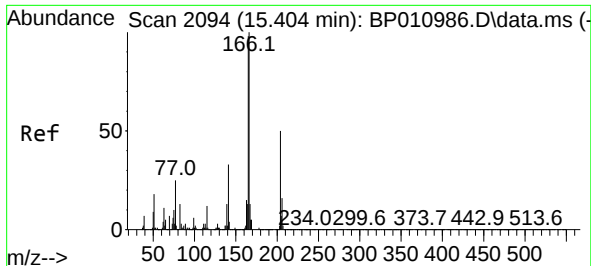
Tgt Ion:232 Resp: 436119
Ion Ratio Lower Upper
232 100
131 55.9 35.8 53.8#
130 2.9 1.8 2.8#
166 35.0 23.7 35.5



#59
Diethylphthalate
Concen: 30.175 ng/ul
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:149 Resp: 2106724
Ion Ratio Lower Upper
149 100
177 20.7 17.6 26.4
150 12.6 10.3 15.5

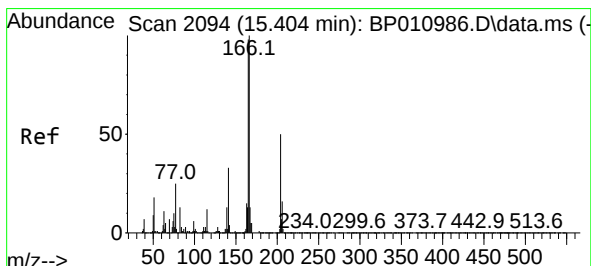
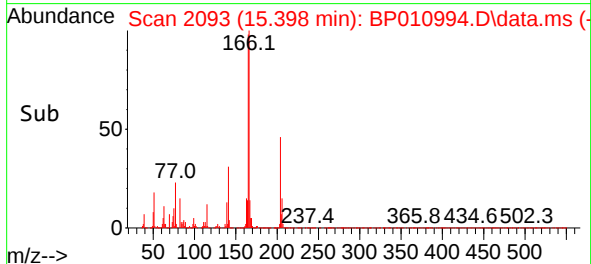
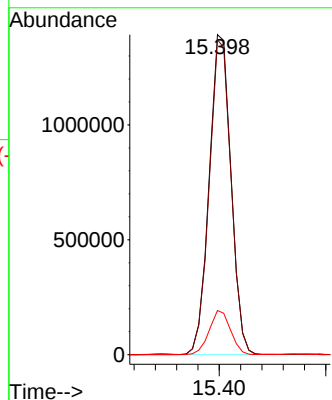
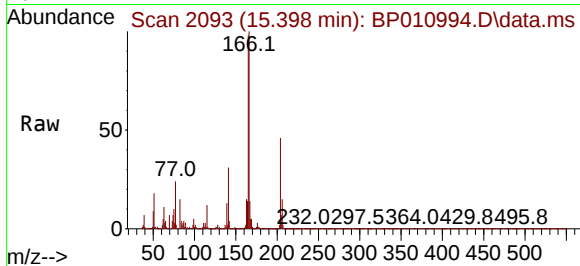




#61
Fluorene
Concen: 30.251 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

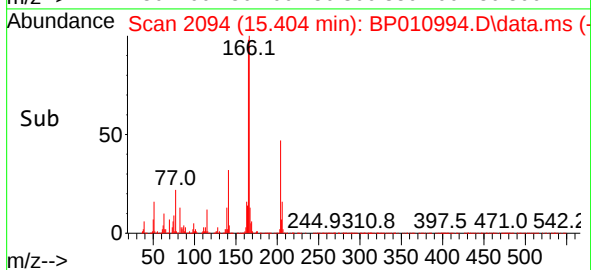
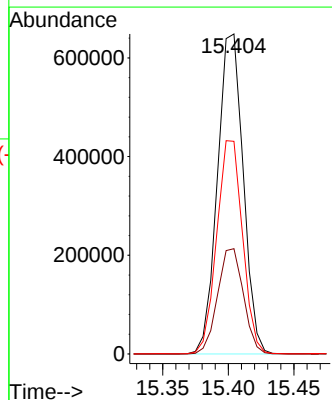
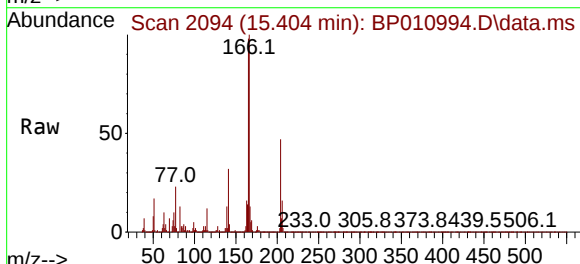
Instrument :
BNA_P
ClientSampleId :

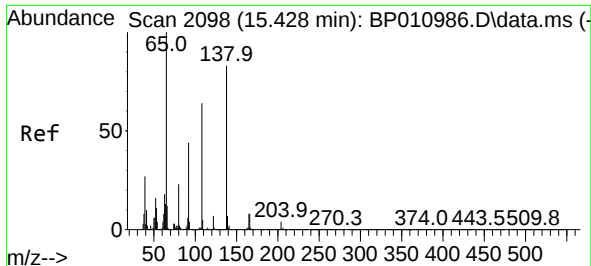
Tgt Ion:166 Resp: 1979502
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.2
167 13.8 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 29.430 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:204 Resp: 886542
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 66.5 49.3 73.9

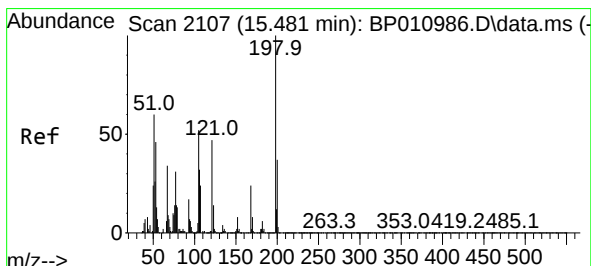
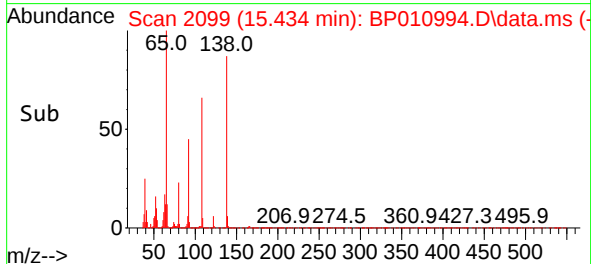
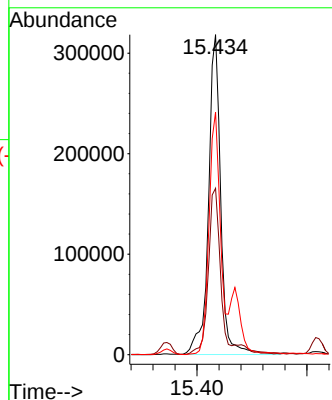
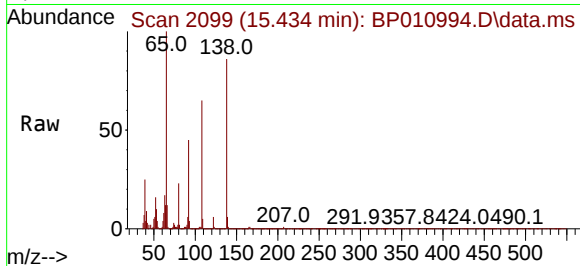




#63
4-Nitroaniline
Concen: 36.327 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

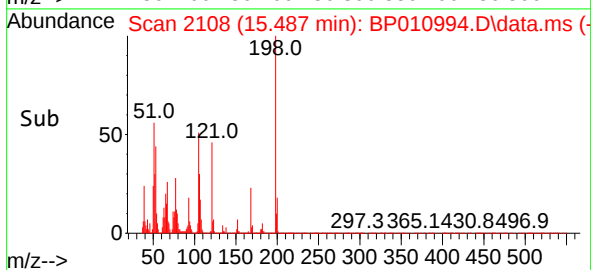
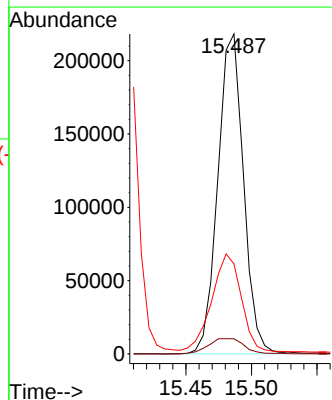
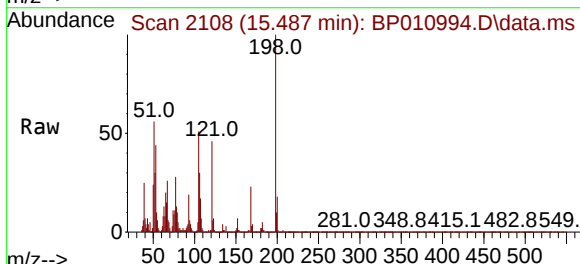
Instrument :
BNA_P
ClientSampleId :

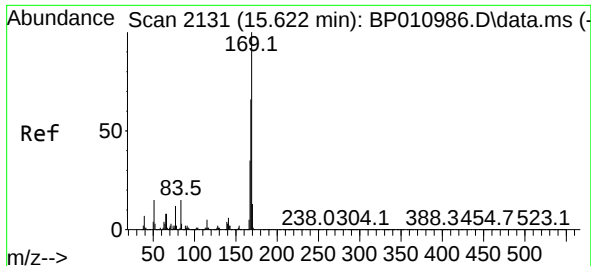
Tgt Ion:138 Resp: 493691
Ion Ratio Lower Upper
138 100
92 52.0 46.2 69.2
108 75.8 85.8 128.8#



#66
4,6-Dinitro-2-methylphenol
Concen: 28.714 ng/ul
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:198 Resp: 296306
Ion Ratio Lower Upper
198 100
182 4.8 4.3 6.5
77 28.1 23.7 35.5

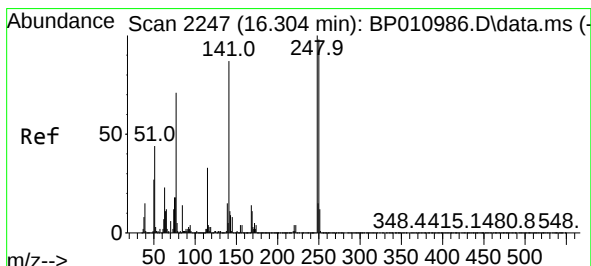
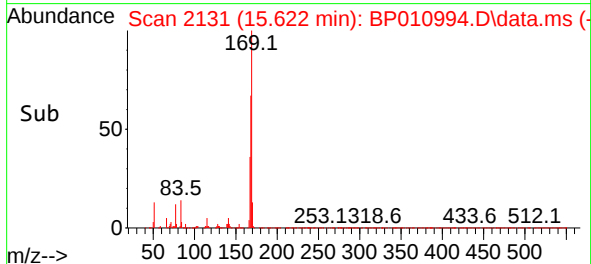
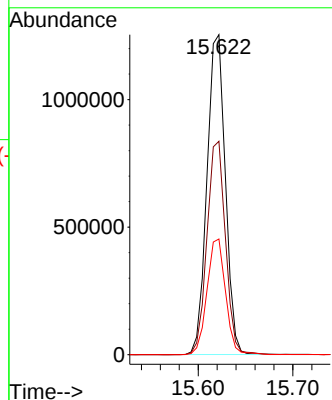
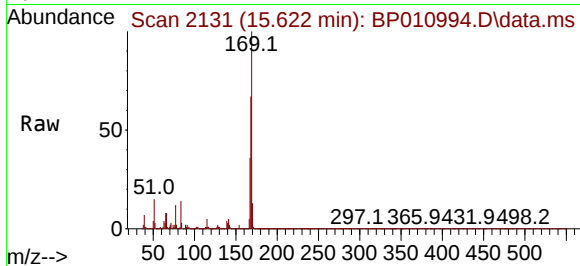




#67
N-Nitrosodiphenylamine
Concen: 29.094 ng/ul
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

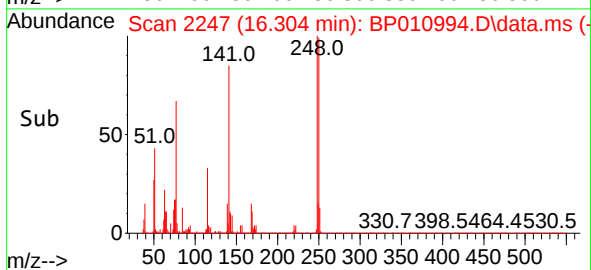
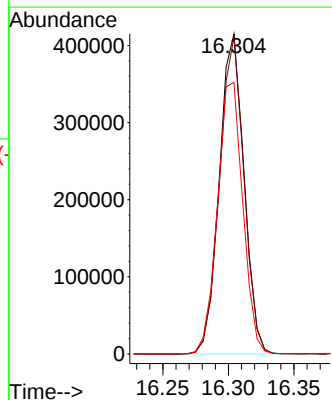
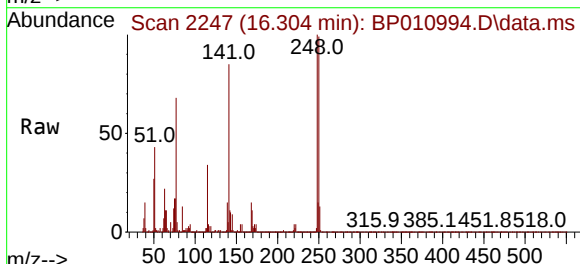
Instrument :
BNA_P
ClientSampleId :

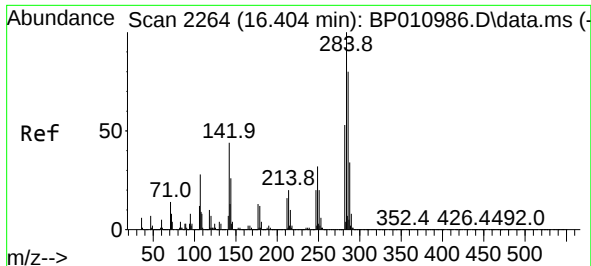
Tgt Ion:169 Resp: 1689431
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.1 27.8 41.6



#68
4-Bromophenyl-phenylether
Concen: 29.634 ng/ul
RT: 16.304 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:248 Resp: 543290
Ion Ratio Lower Upper
248 100
250 99.1 80.8 121.2
141 84.9 63.9 95.9

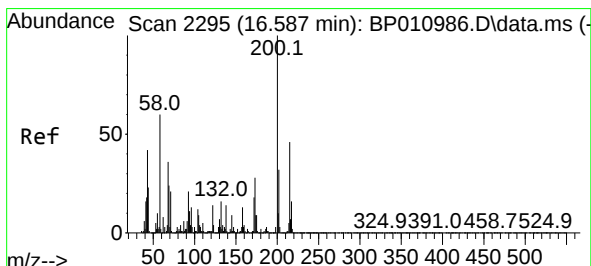
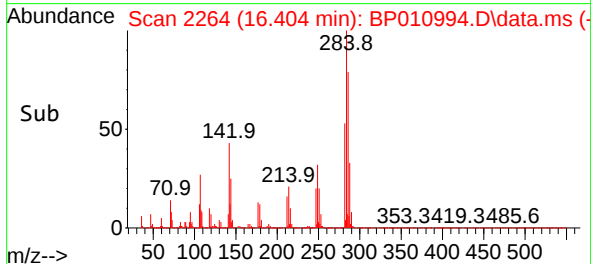
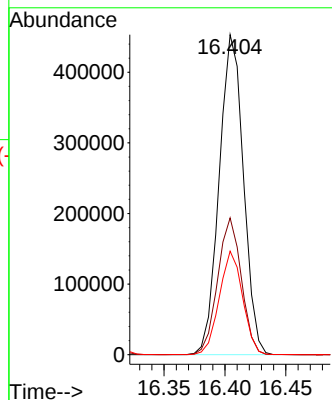
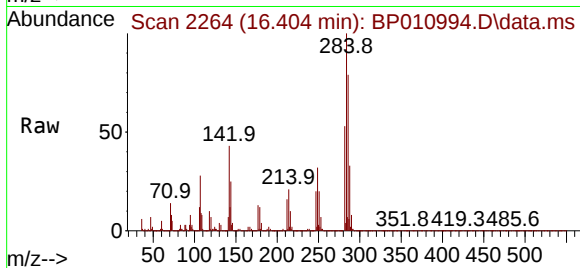




#69
Hexachlorobenzene
Concen: 29.509 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

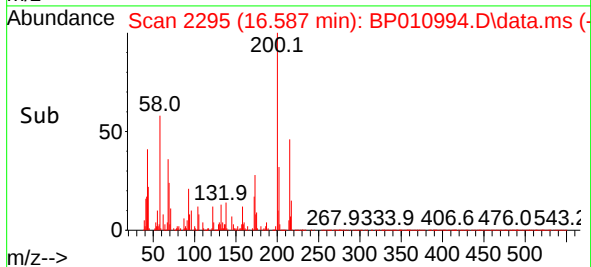
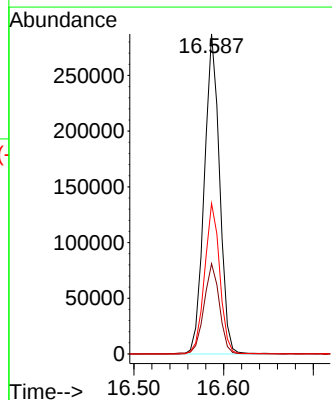
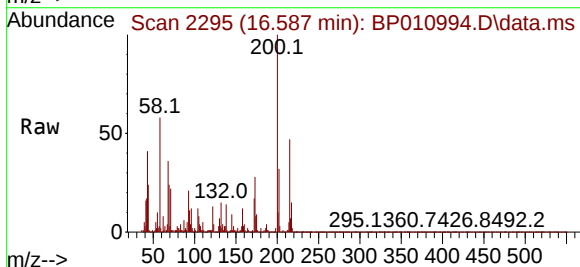
Instrument :
BNA_P
ClientSampleId :

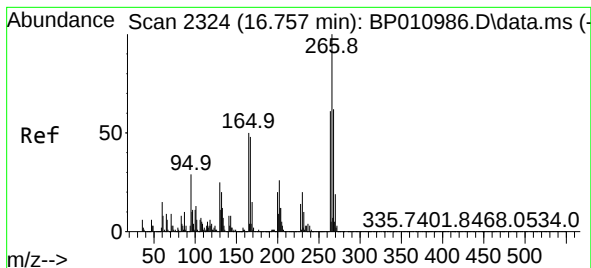
Tgt Ion:284 Resp: 627892
Ion Ratio Lower Upper
284 100
142 42.7 27.8 41.6#
249 32.3 25.4 38.2



#70
Atrazine
Concen: 16.906 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:200 Resp: 339593
Ion Ratio Lower Upper
200 100
173 28.2 20.7 31.1
215 47.1 38.6 57.8





#71

Pentachlorophenol

Concen: 27.385 ng/ul

RT: 16.757 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

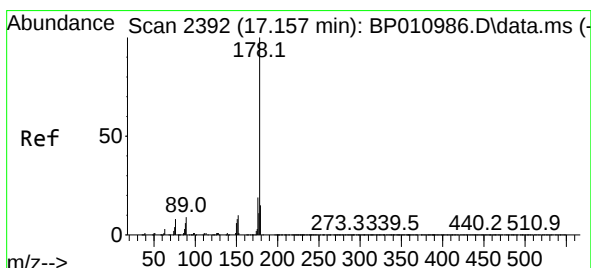
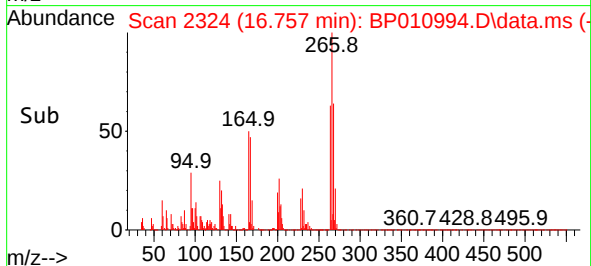
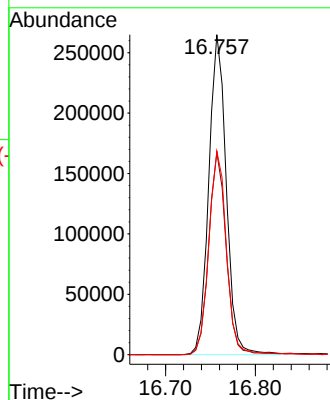
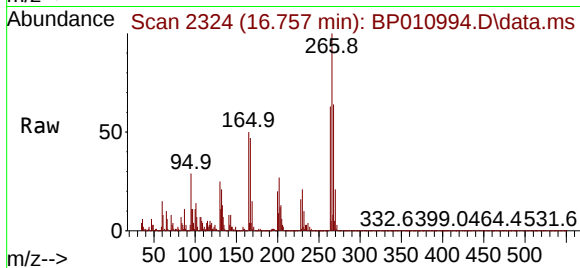
Tgt Ion:266 Resp: 358863

Ion Ratio Lower Upper

266 100

264 63.2 51.4 77.2

268 63.6 53.5 80.3



#72

Phenanthrene

Concen: 29.966 ng/ul

RT: 17.151 min Scan# 2391

Delta R.T. -0.012 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

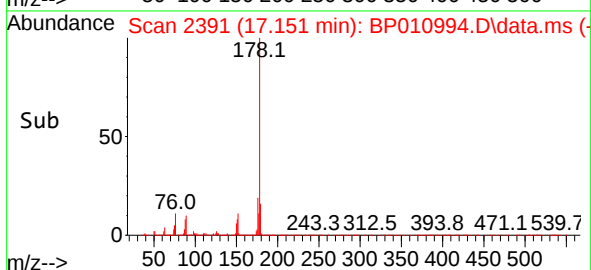
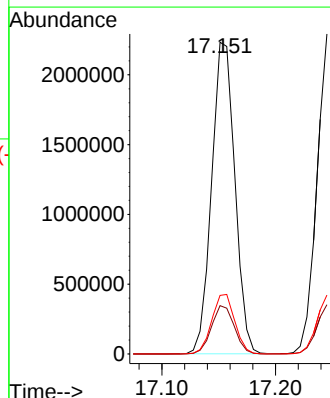
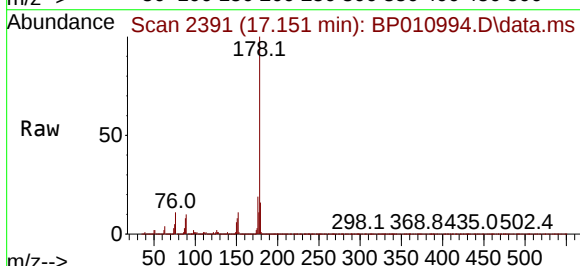
Tgt Ion:178 Resp: 3173545

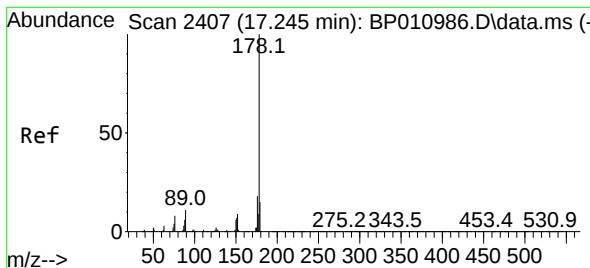
Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 18.8 14.6 22.0





#74

Anthracene

Concen: 29.991 ng/uI

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

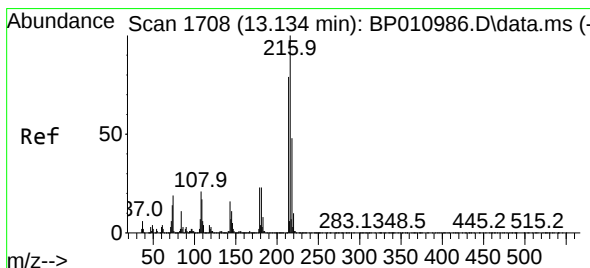
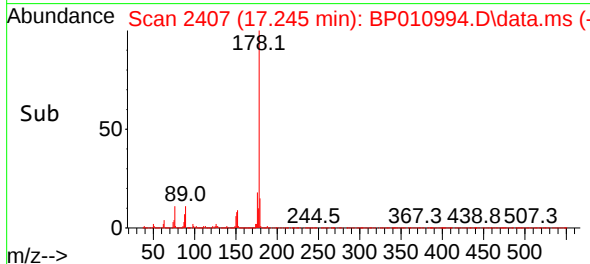
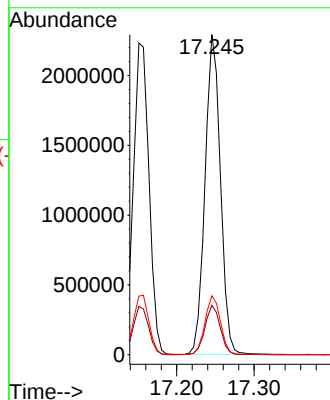
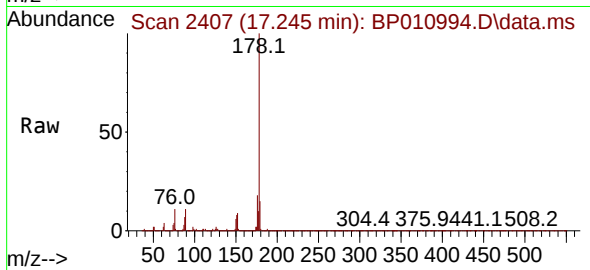
Tgt Ion:178 Resp: 3159514

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.4 14.5 21.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.177 ng/uI

RT: 13.134 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

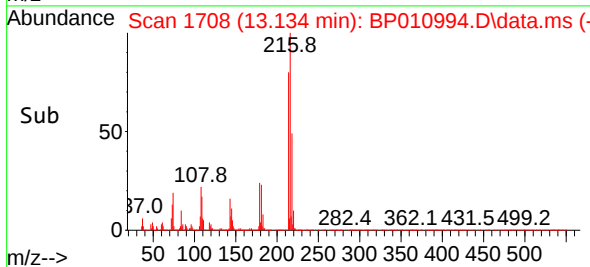
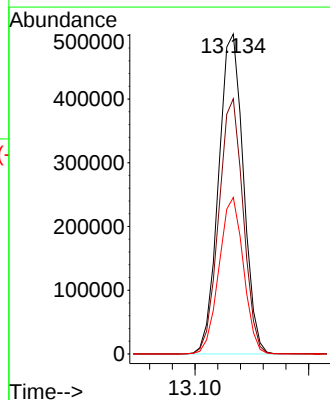
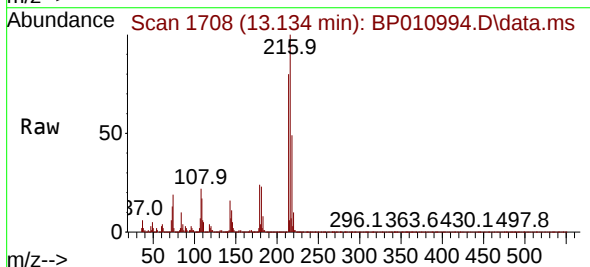
Tgt Ion:216 Resp: 761758

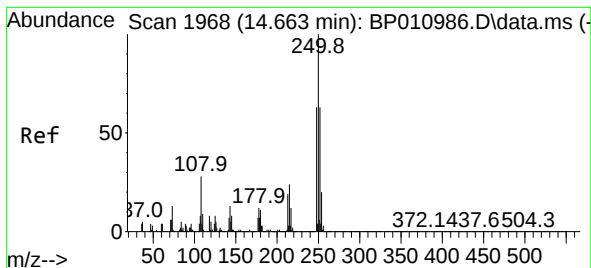
Ion Ratio Lower Upper

216 100

214 79.8 65.0 97.4

218 48.9 39.1 58.7





#76

Pentachlorobenzene

Concen: 28.266 ng/uL

RT: 14.663 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

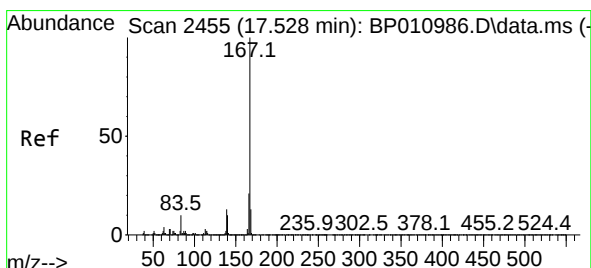
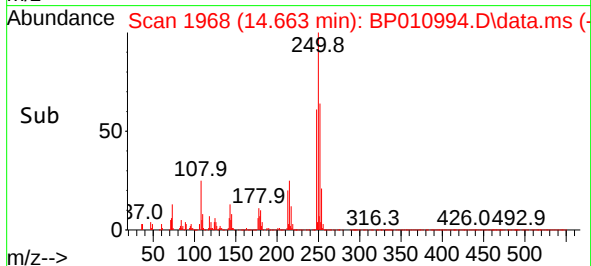
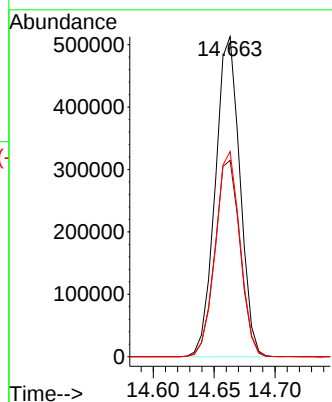
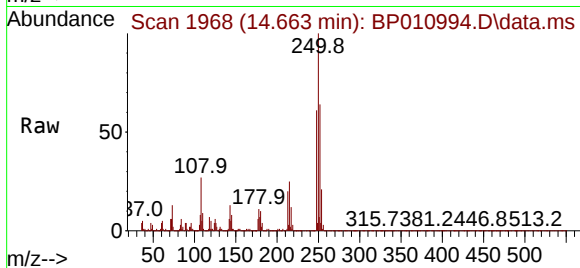
Tgt Ion:250 Resp: 721066

Ion Ratio Lower Upper

250 100

248 61.4 49.8 74.6

252 64.1 51.2 76.8



#77

Carbazole

Concen: 29.837 ng/uL

RT: 17.528 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

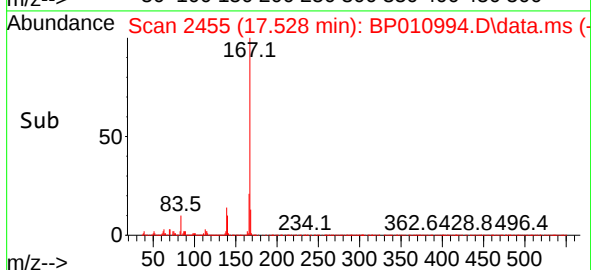
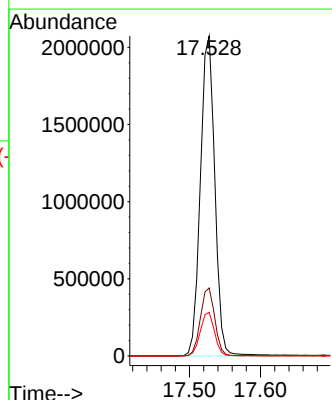
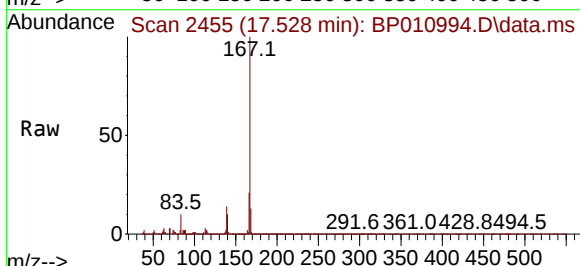
Tgt Ion:167 Resp: 2941936

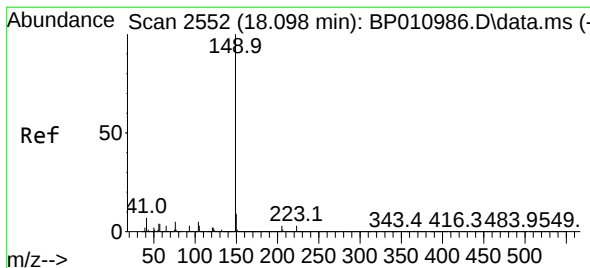
Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 13.6 10.6 16.0





#78

Di-n-butylphthalate

Concen: 29.557 ng/ul

RT: 18.092 min Scan# 2551

Delta R.T. -0.012 min

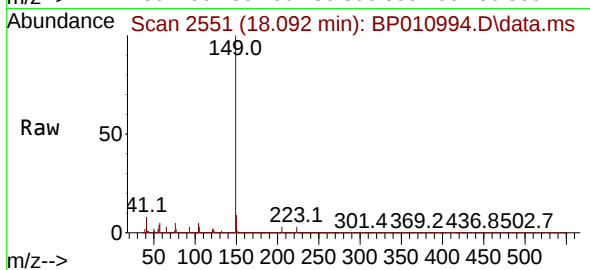
Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :



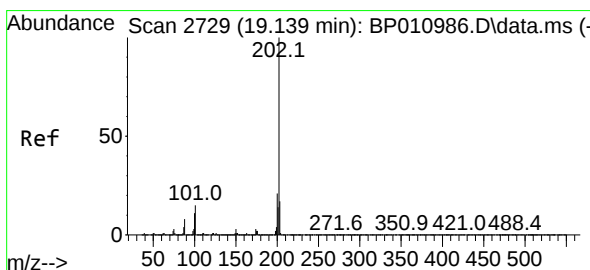
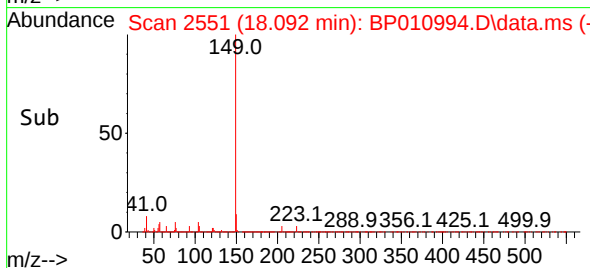
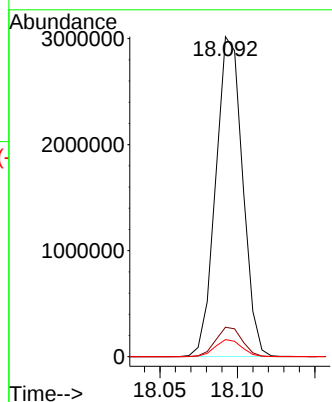
Tgt Ion:149 Resp: 3642914

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.3 4.6 6.8



#80

Fluoranthene

Concen: 30.173 ng/ul

RT: 19.139 min Scan# 2729

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

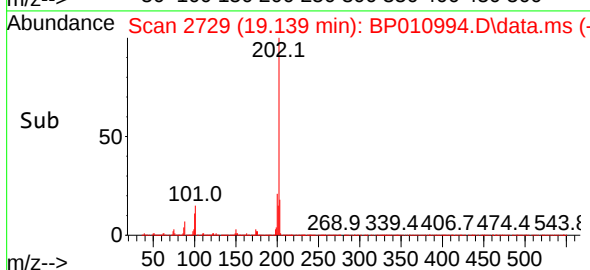
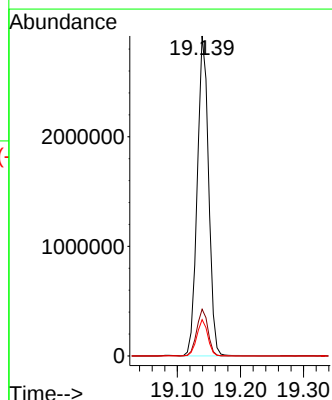
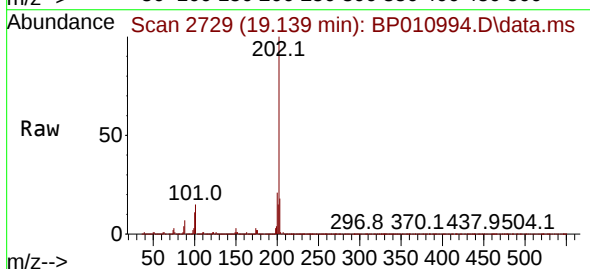
Tgt Ion:202 Resp: 3626533

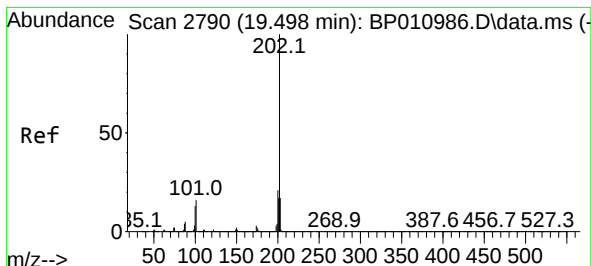
Ion Ratio Lower Upper

202 100

101 14.6 7.1 10.7#

100 11.4 5.7 8.5#





#82

Pyrene

Concen: 30.155 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

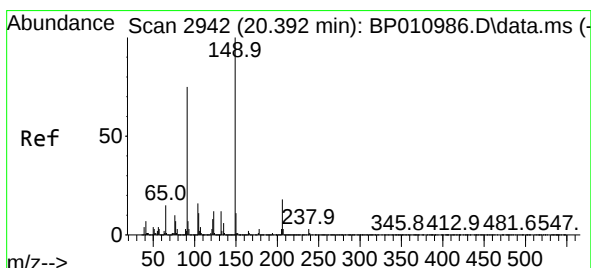
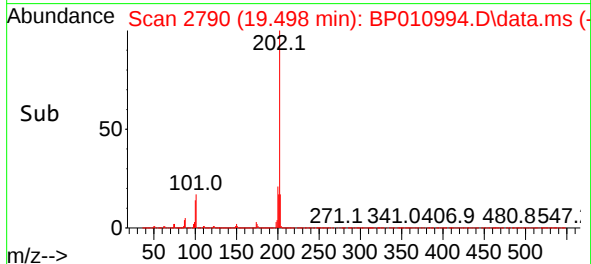
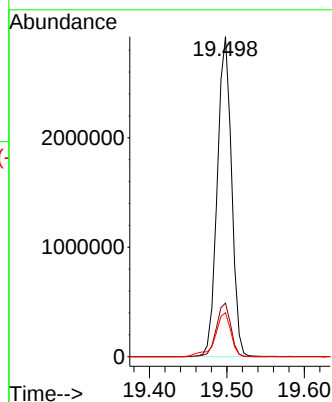
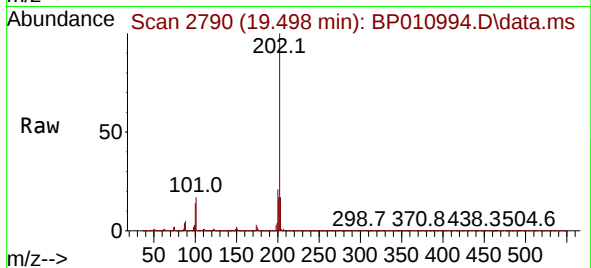
Tgt Ion:202 Resp: 3739373

Ion Ratio Lower Upper

202 100

101 16.8 7.9 11.9#

100 13.8 6.7 10.1#



#83

Butylbenzylphthalate

Concen: 30.938 ng/ul

RT: 20.392 min Scan# 2942

Delta R.T. -0.012 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

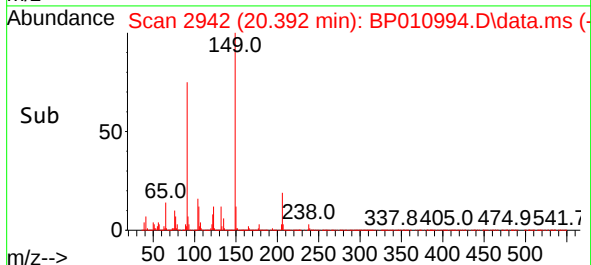
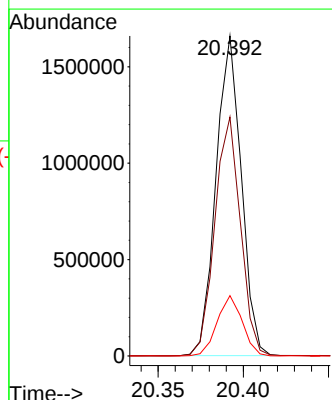
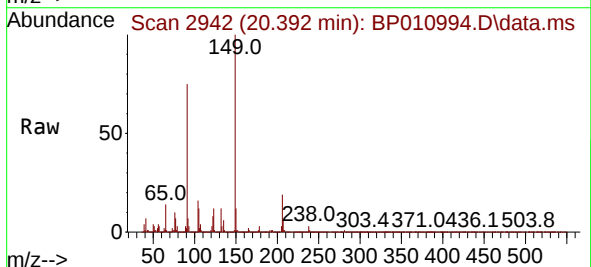
Tgt Ion:149 Resp: 1711463

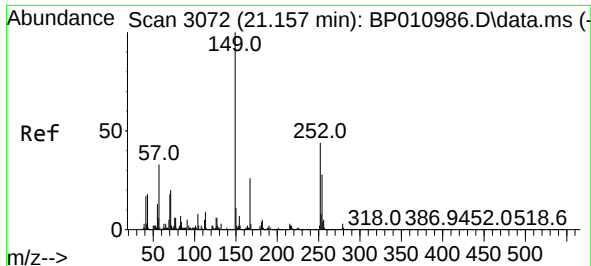
Ion Ratio Lower Upper

149 100

91 74.6 60.0 90.0

206 18.9 17.4 26.2

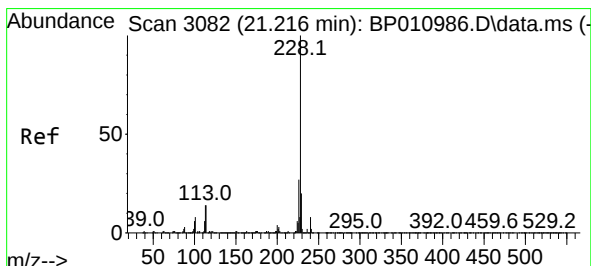
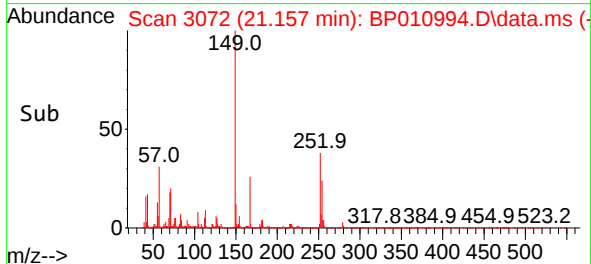
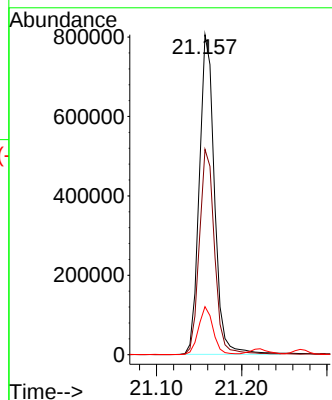
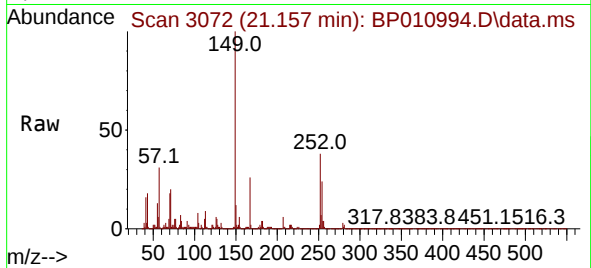




#84
3,3'-Dichlorobenzidine
Concen: 28.789 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

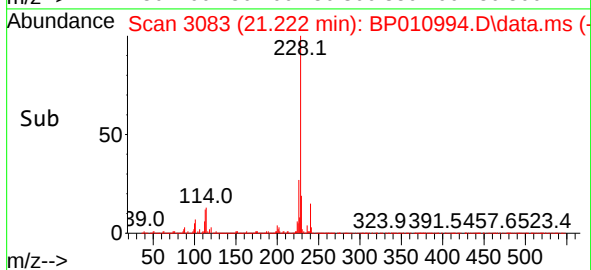
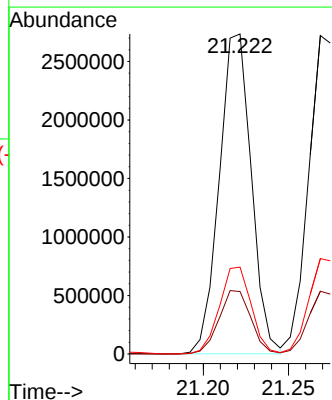
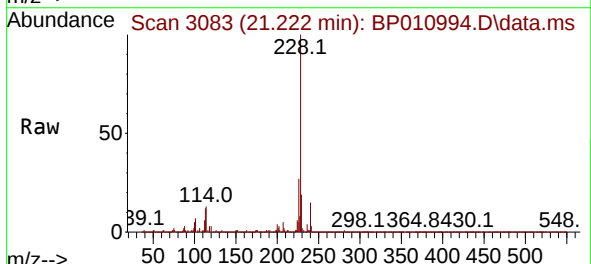
Instrument :
BNA_P
ClientSampleId :

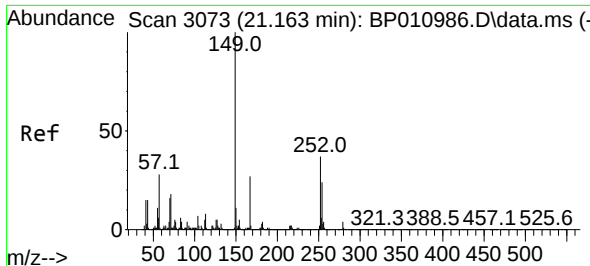
Tgt Ion:252 Resp: 997424
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 15.0 8.6 12.8#



#85
Benzo(a)anthracene
Concen: 30.073 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:228 Resp: 3583599
Ion Ratio Lower Upper
228 100
229 19.5 15.0 22.4
226 27.2 20.6 31.0

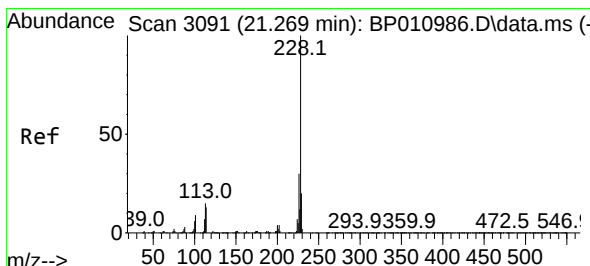
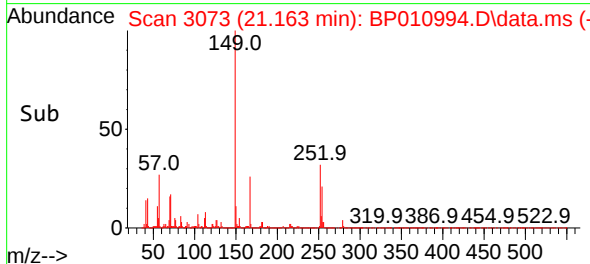
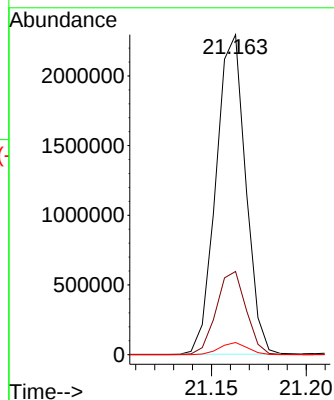
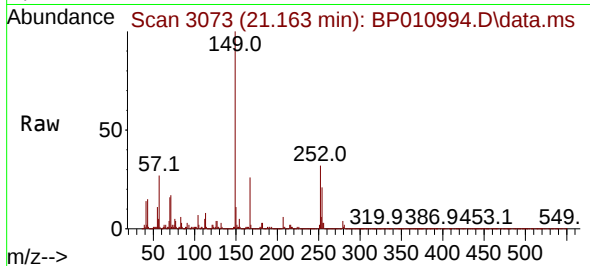




#86
Bis(2-ethylhexyl)phthalate
Concen: 30.297 ng/ul
RT: 21.163 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

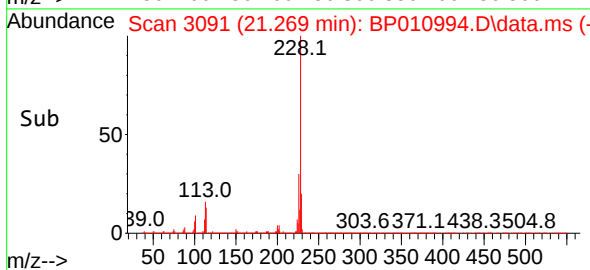
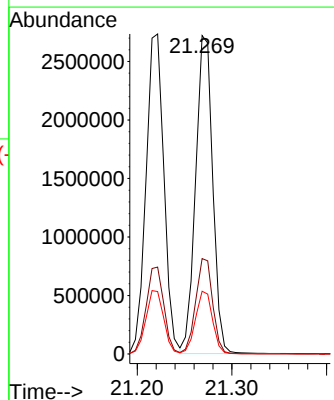
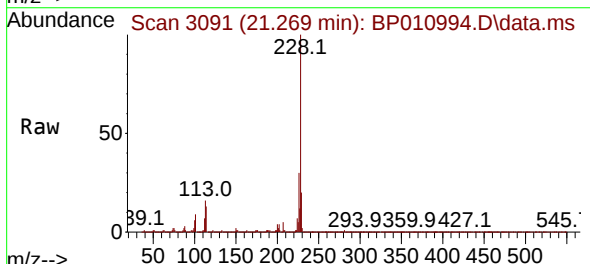
Instrument :
BNA_P
ClientSampleId :

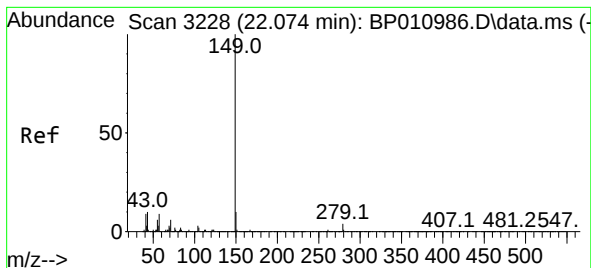
Tgt Ion:149 Resp: 2500740
Ion Ratio Lower Upper
149 100
167 26.0 22.6 33.8
279 3.8 4.2 6.4#



#87
Chrysene
Concen: 29.200 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:228 Resp: 3416623
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 19.7 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 31.663 ng/ul

RT: 22.074 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP010994.D

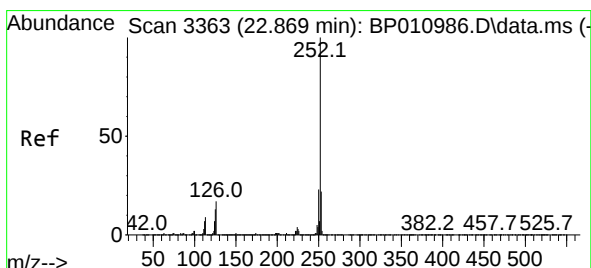
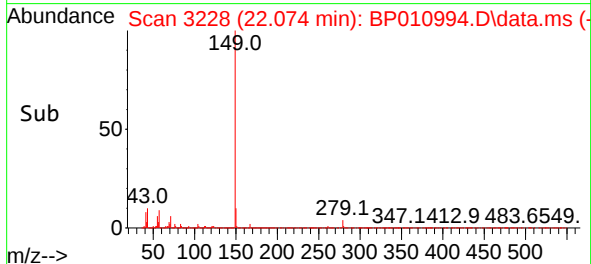
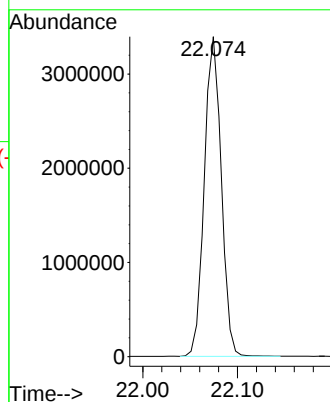
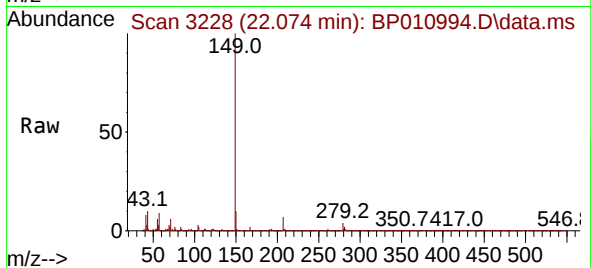
Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 4207695



#90

Benzo(b)fluoranthene

Concen: 31.796 ng/ul

RT: 22.874 min Scan# 3364

Delta R.T. -0.006 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

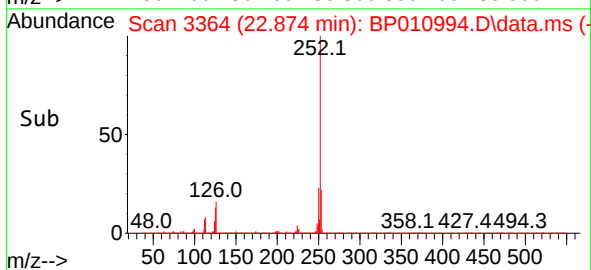
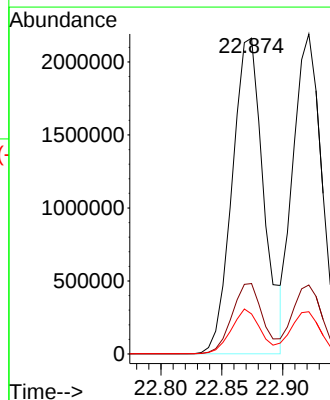
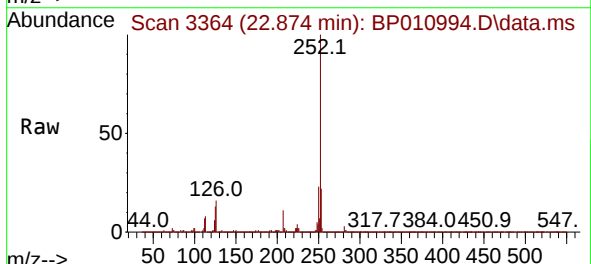
Tgt Ion:252 Resp: 3890165

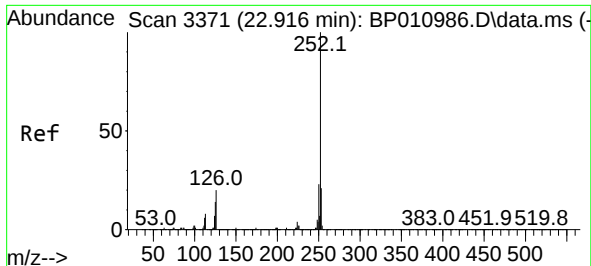
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 12.7 6.2 9.2#

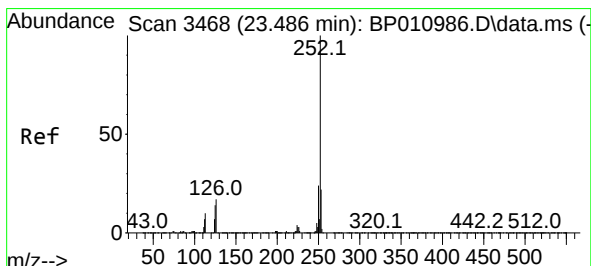
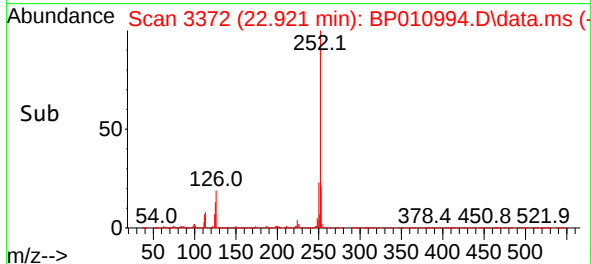
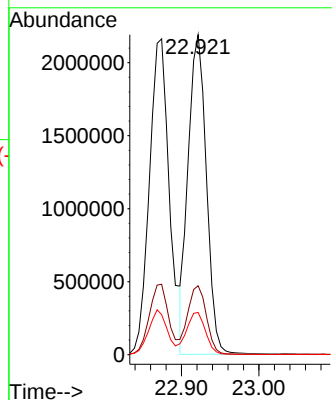
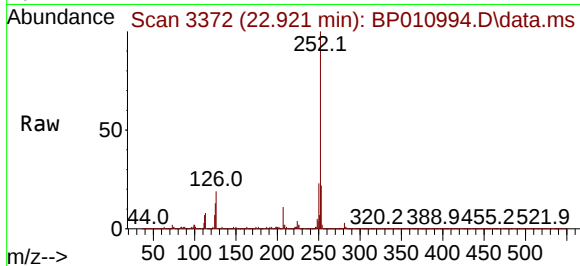




#91
Benzo(k)fluoranthene
Concen: 31.118 ng/ul
RT: 22.921 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

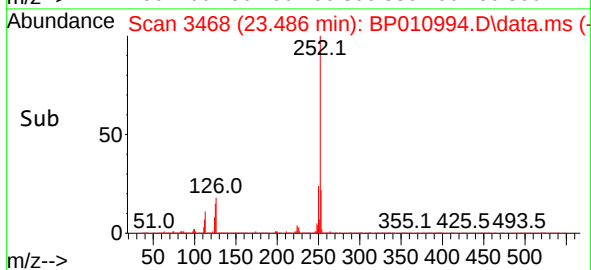
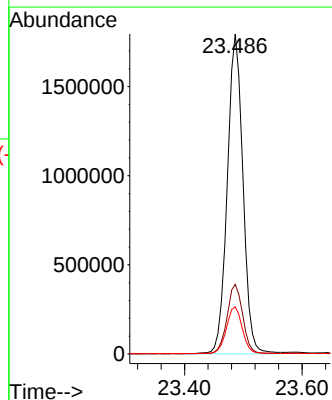
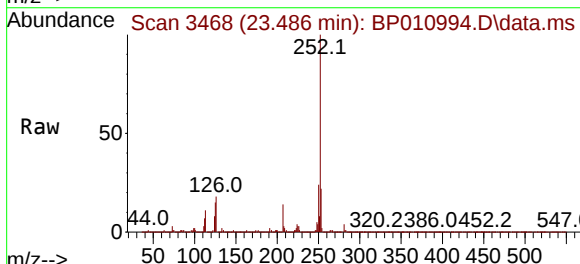
Instrument :
BNA_P
ClientSampleId :

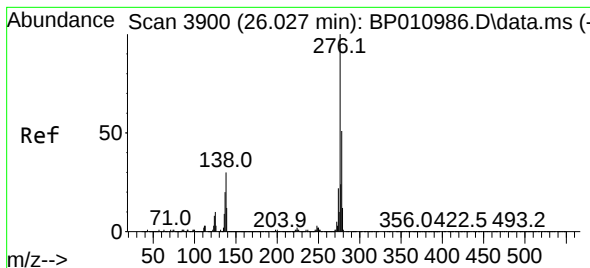
Tgt Ion:252 Resp: 3576197
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 13.2 6.2 9.4#



#93
Benzo(a)pyrene
Concen: 28.221 ng/ul
RT: 23.486 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BP010994.D
Acq: 18 Jul 2022 15:52

Tgt Ion:252 Resp: 3315870
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 14.8 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 32.269 ng/ul

RT: 26.027 min Scan# 3900

Delta R.T. -0.018 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

Instrument :

BNA_P

ClientSampleId :

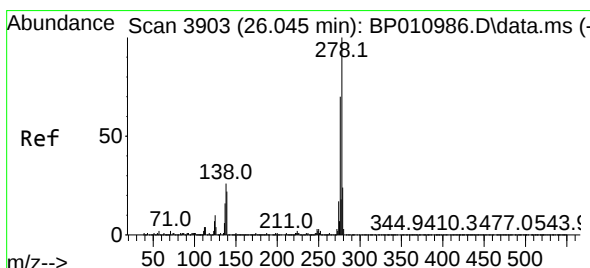
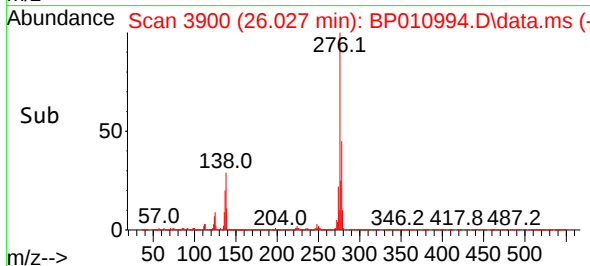
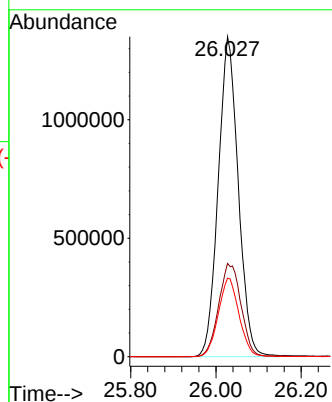
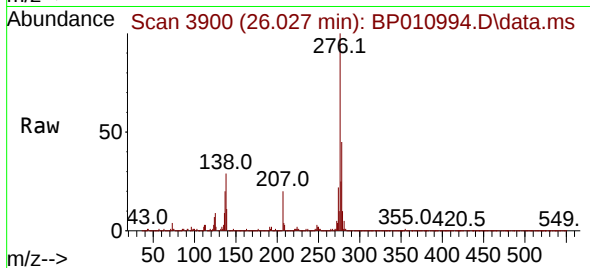
Tgt Ion:276 Resp: 4406316

Ion Ratio Lower Upper

276 100

138 29.2 14.6 22.0#

277 24.6 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 31.183 ng/ul

RT: 26.051 min Scan# 3904

Delta R.T. -0.018 min

Lab File: BP010994.D

Acq: 18 Jul 2022 15:52

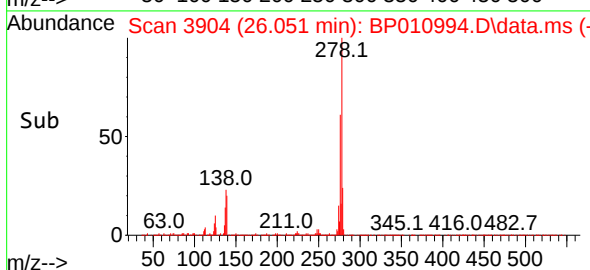
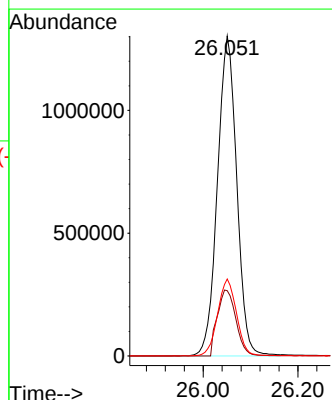
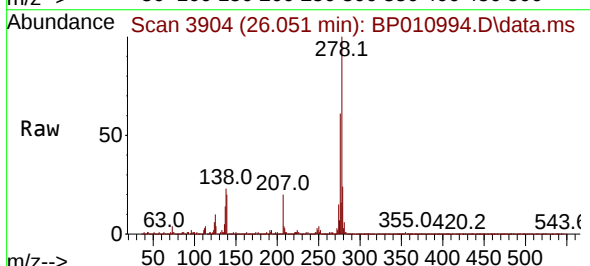
Tgt Ion:278 Resp: 3684499

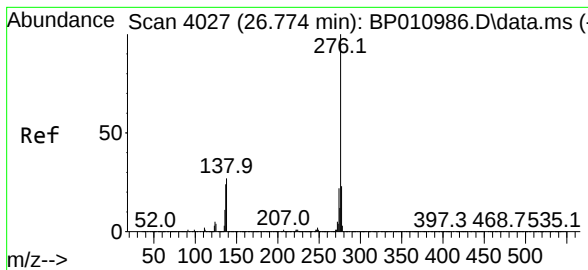
Ion Ratio Lower Upper

278 100

139 20.4 9.4 14.2#

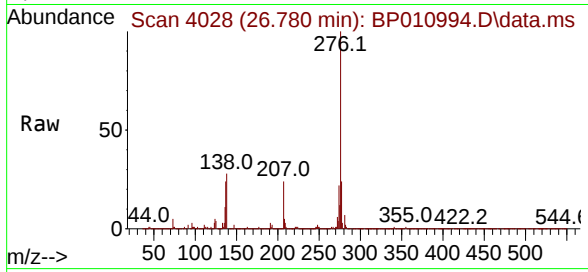
279 24.0 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 30.971 ng/ul
 RT: 26.780 min Scan# 4028
 Delta R.T. -0.012 min
 Lab File: BP010994.D
 Acq: 18 Jul 2022 15:52

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 3601841

Ion	Ratio	Lower	Upper
276	100		
138	27.7	12.7	19.1#
277	24.0	18.2	27.4

