

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017600.D
 Acq On : 06 Oct 2023 14:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 23:13:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 05:55:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	98235	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	416673	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	263115	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	602789	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	633308	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	684716	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	21187	8.623	ng/uL	0.00
4) Pyridine-d5	3.722	84	156566	24.343	ng/ul	0.00
7) Phenol-d5	7.087	99	190894	23.096	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	116312	23.062	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	152381	23.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	151609	22.913	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	72934	22.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	79157	21.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	156936	23.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	218539	22.888	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	464302	22.623	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	523220	23.119	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	73488	20.447	ng/ul	0.00
60) Fluorene-d10	15.628	176	409552	23.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	71486	19.023	ng/ul	0.00
73) Anthracene-d10	17.516	188	654330	23.451	ng/ul	0.00
81) Pyrene-d10	19.769	212	792795	22.528	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	802849	23.234	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	22255	8.811	ng/uL	97
5) Pyridine	3.740	79	161253	23.876	ng/ul	94
6) Benzaldehyde	7.093	77	107514	25.803	ng/ul	99
8) Phenol	7.116	94	192497	23.253	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	153990	22.974	ng/ul	100
12) 2-Chlorophenol	7.487	128	155723	23.642	ng/ul	97
13) 2-Methylphenol	8.387	108	141586	22.821	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	114652	12.990	ng/ul	98
16) Acetophenone	8.793	105	241943	23.185	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	122055	22.796	ng/ul	97
18) 4-Methylphenol	8.722	108	158142	23.556	ng/ul	98
19) Hexachloroethane	8.999	117	64129	21.934	ng/ul	97
22) Nitrobenzene	9.181	77	188082	22.811	ng/ul	97
23) Isophorone	9.699	82	332904	22.006	ng/ul	98
25) 2-Nitrophenol	9.893	139	87709	22.862	ng/ul	97
26) 2,4-Dimethylphenol	9.934	107	173915	22.865	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	207945	22.483	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	153261	23.549	ng/ul	98
30) Naphthalene	10.822	128	513527	23.099	ng/ul	100
32) 4-Chloroaniline	10.963	127	211531	23.209	ng/ul	96
33) Hexachlorobutadiene	11.046	225	105491	22.320	ng/ul	99
34) Caprolactam	11.798	113	46179	22.864	ng/ul	91
35) 4-Chloro-3-methylphenol	12.075	107	161149	23.461	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	345037	22.713	ng/ul	98

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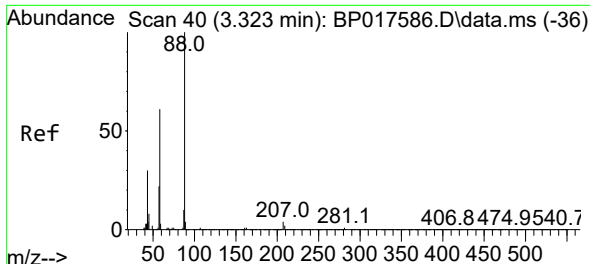
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	357173	22.917	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	198497	23.026	ng/ul	100
40) Hexachlorocyclopentadiene	12.728	237	84209	17.320	ng/ul	94
41) 2,4,6-Trichlorophenol	13.051	196	125435	22.832	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	134975	23.333	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	464706	23.072	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	375606	23.455	ng/ul	100
45) 2-Nitroaniline	13.745	65	105006	23.598	ng/ul	100
47) Dimethylphthalate	14.092	163	467664	22.671	ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	87723	22.821	ng/ul	99
50) Acenaphthylene	14.351	152	596007	22.773	ng/ul	99
51) 3-Nitroaniline	14.587	138	85112	23.227	ng/ul	92
52) Acenaphthene	14.692	153	393983	22.806	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	32857	14.440	ng/ul	89
55) 4-Nitrophenol	14.881	109	66717	20.672	ng/ul	100
56) Dibenzofuran	15.034	168	566208	23.288	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	135767	23.664	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	121589	23.748	ng/ul	98
59) Diethylphthalate	15.451	149	472357	22.829	ng/ul	100
61) Fluorene	15.686	166	468189	23.316	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	241032	23.432	ng/ul	99
63) 4-Nitroaniline	15.757	138	85164	24.726	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.786	198	77083	19.173	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	391709	23.207	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	149873	23.453	ng/ul	99
69) Hexachlorobenzene	16.669	284	176361	23.434	ng/ul	99
70) Atrazine	16.869	200	144647	22.150	ng/ul	96
71) Pentachlorophenol	17.039	266	100226	21.999	ng/ul	98
72) Phenanthrene	17.457	178	758273	23.373	ng/ul	99
74) Anthracene	17.551	178	774359	23.418	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	203003	22.782	ng/uL	98
76) Pentachlorobenzene	14.922	250	204296	23.097	ng/uL	99
77) Carbazole	17.845	167	691424	23.286	ng/ul	99
78) Di-n-butylphthalate	18.357	149	803357	22.448	ng/ul	99
80) Fluoranthene	19.439	202	920170	22.446	ng/ul	99
82) Pyrene	19.798	202	963362	22.272	ng/ul	99
83) Butylbenzylphthalate	20.669	149	369912	21.776	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	306896	21.327	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1031126	23.240	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	525156	21.448	ng/ul	100
87) Chrysene	21.592	228	956245	23.057	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	913826	21.097	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	996141	23.175	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1000502	23.346	ng/ul	100
93) Benzo(a)pyrene	24.010	252	929617	23.134	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.868	276	1112770	22.652	ng/ul	98
95) Dibenzo(a,h)anthracene	26.892	278	923453	22.310	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	887923	22.532	ng/ul	100

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

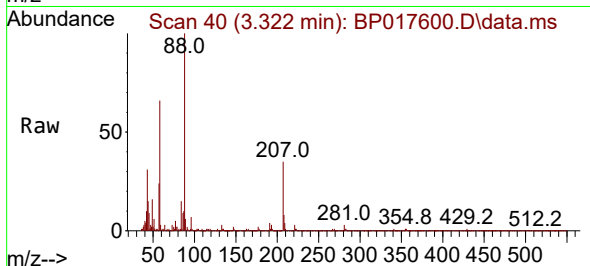
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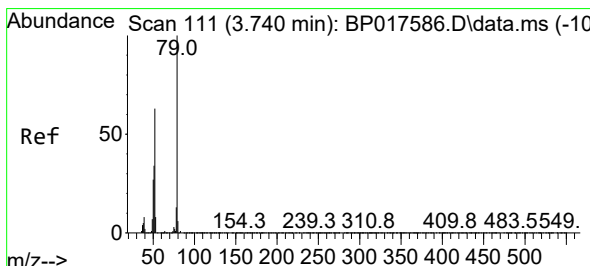
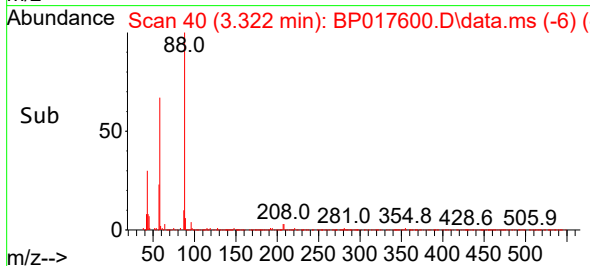
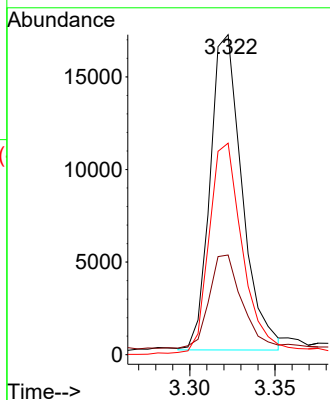


#2
1,4-Dioxane
Concen: 8.811 ng/uL
RT: 3.322 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

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BNA_G
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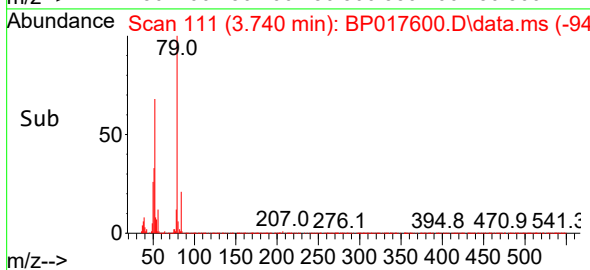
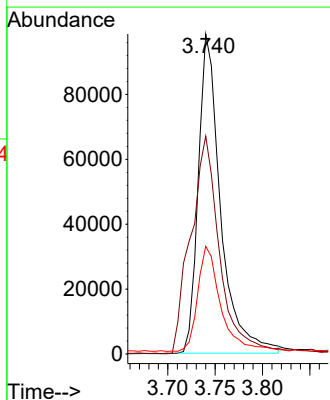
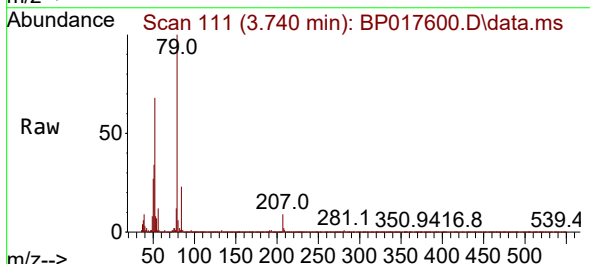


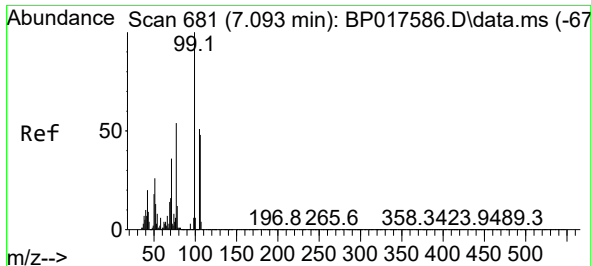
Tgt Ion: 88 Resp: 22255
Ion Ratio Lower Upper
88 100
43 31.1 22.6 34.0
58 66.1 51.4 77.2



#5
Pyridine
Concen: 23.876 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 79 Resp: 161253
Ion Ratio Lower Upper
79 100
52 68.1 52.6 78.8
51 33.6 31.7 47.5

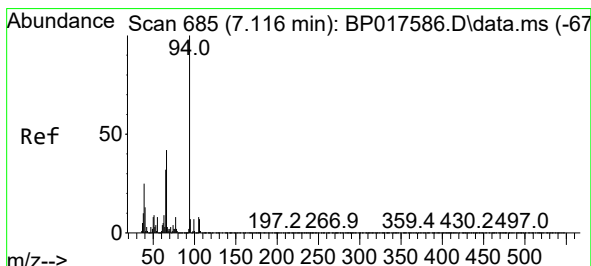
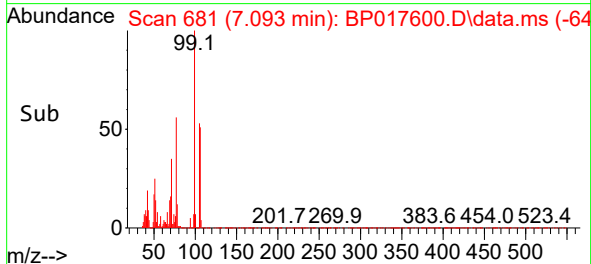
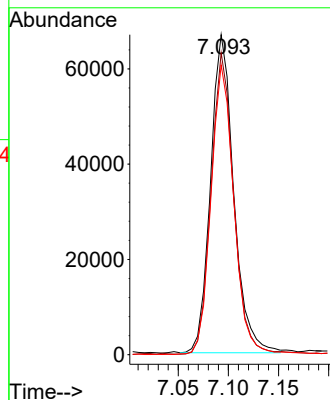
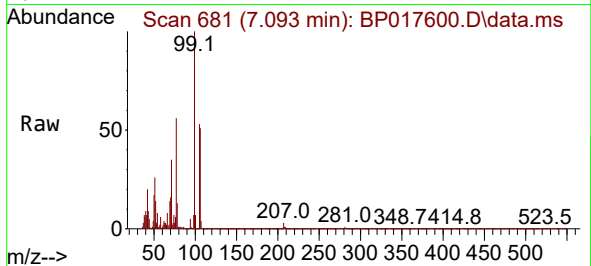




#6
Benzaldehyde
Concen: 25.803 ng/ul
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

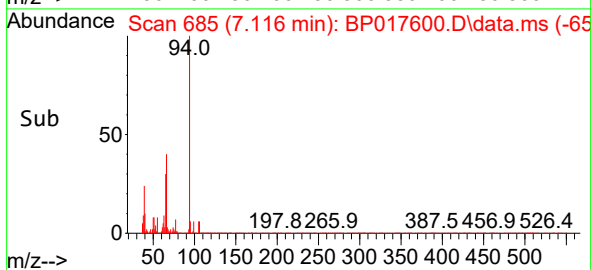
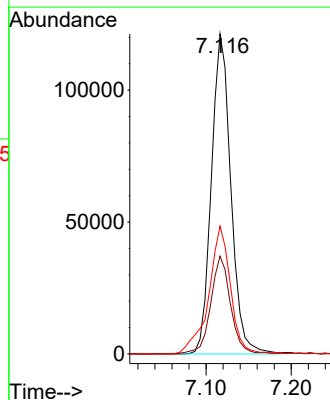
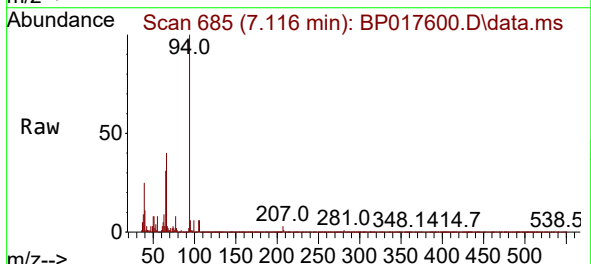
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BNA_G
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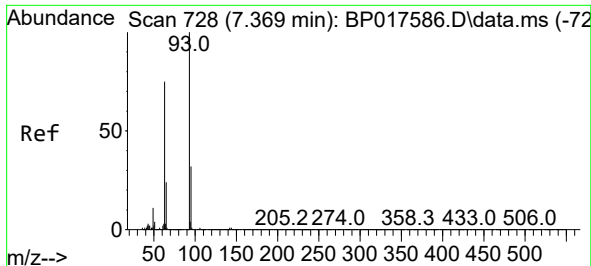
Tgt Ion: 77 Resp: 107514
Ion Ratio Lower Upper
77 100
105 94.3 74.6 112.0
106 90.5 72.8 109.2



#8
Phenol
Concen: 23.253 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 94 Resp: 192497
Ion Ratio Lower Upper
94 100
65 30.5 23.5 35.3
66 40.0 32.3 48.5

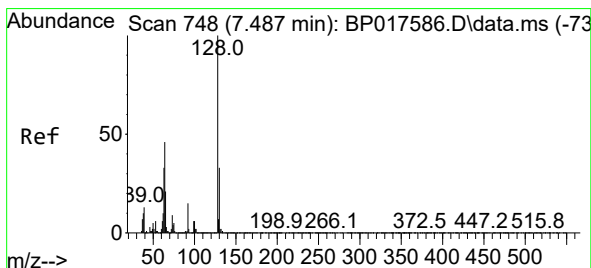
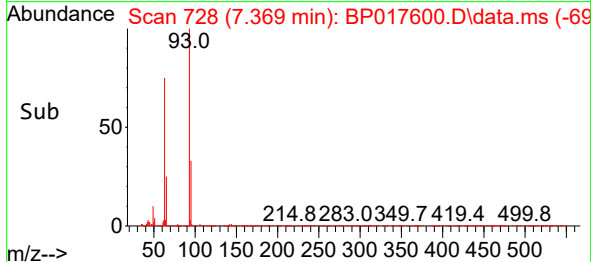
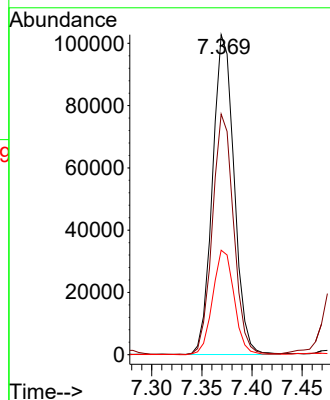
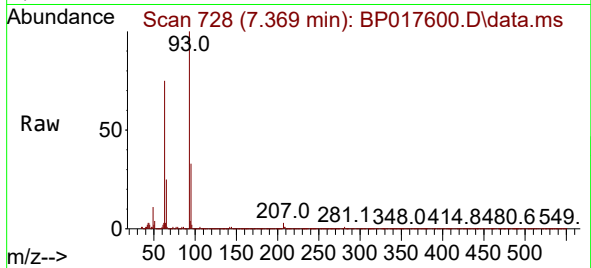




#10
 Bis(2-Chloroethyl)ether
 Concen: 22.974 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

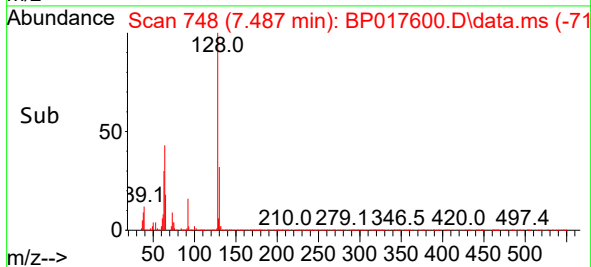
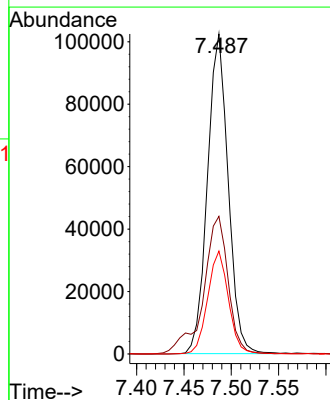
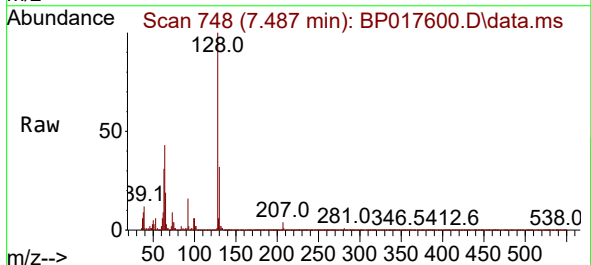
Instrument :
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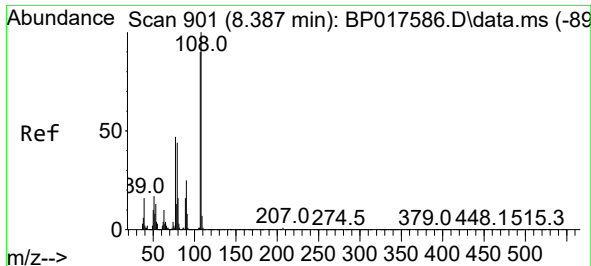
Tgt Ion: 93 Resp: 153990
 Ion Ratio Lower Upper
 93 100
 63 75.2 60.0 90.0
 95 32.7 25.9 38.9



#12
 2-Chlorophenol
 Concen: 23.642 ng/ul
 RT: 7.487 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

Tgt Ion: 128 Resp: 155723
 Ion Ratio Lower Upper
 128 100
 64 43.0 36.7 55.1
 130 32.1 25.4 38.0

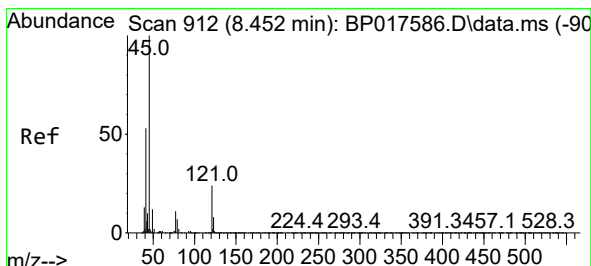
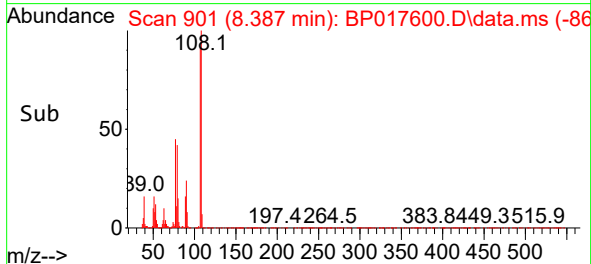
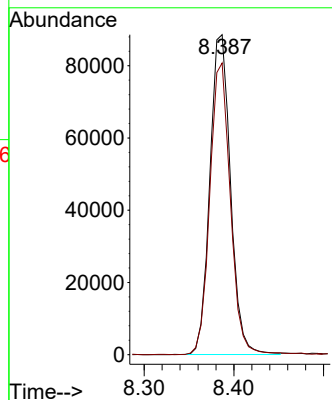
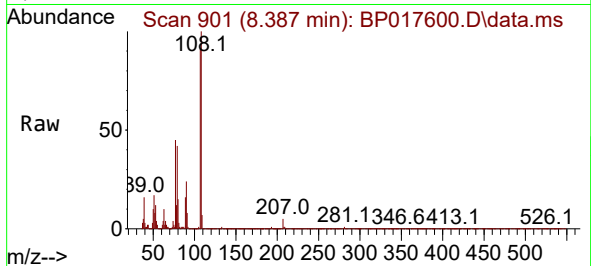




#13
2-Methylphenol
Concen: 22.821 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

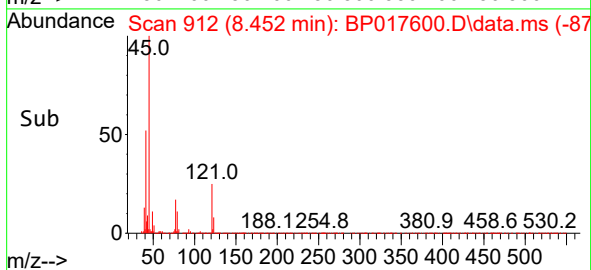
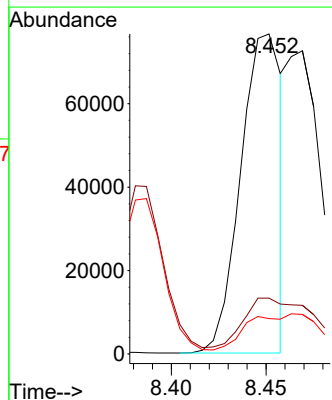
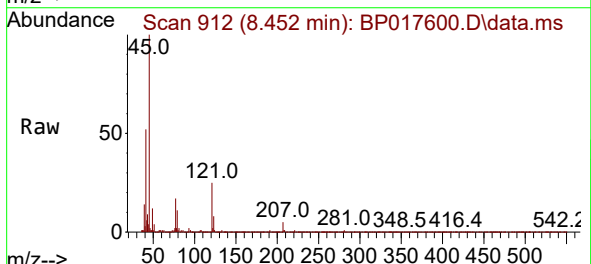
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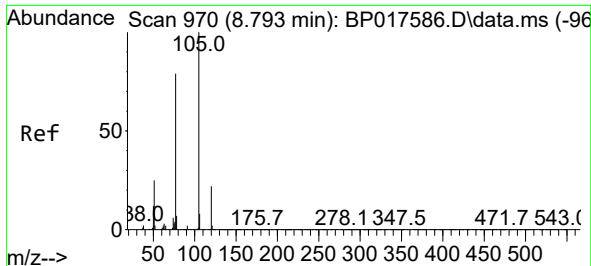
Tgt Ion:108 Resp: 141586
Ion Ratio Lower Upper
108 100
107 91.1 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 12.990 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 45 Resp: 114652
Ion Ratio Lower Upper
45 100
77 17.4 12.9 19.3
79 11.1 9.0 13.4

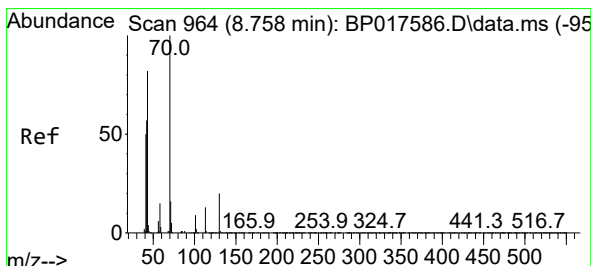
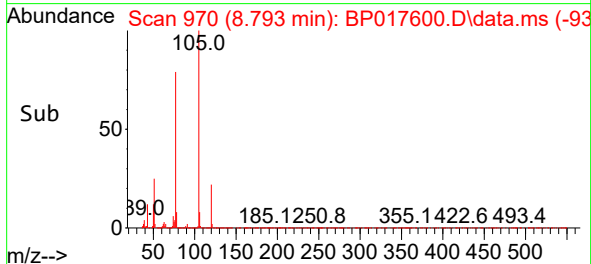
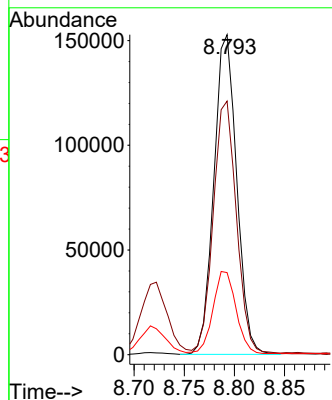
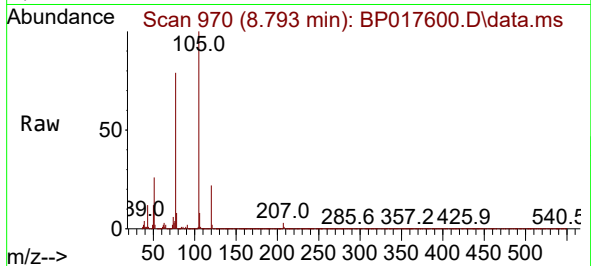




#16
Acetophenone
Concen: 23.185 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

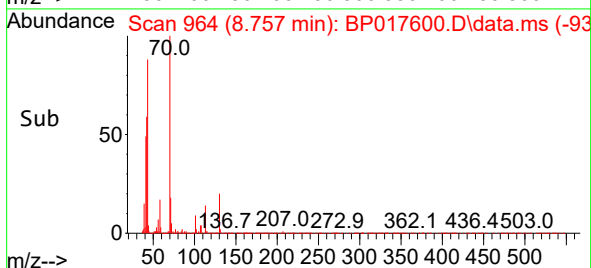
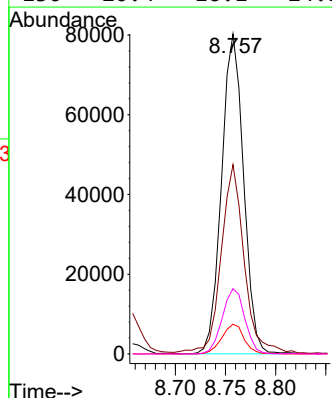
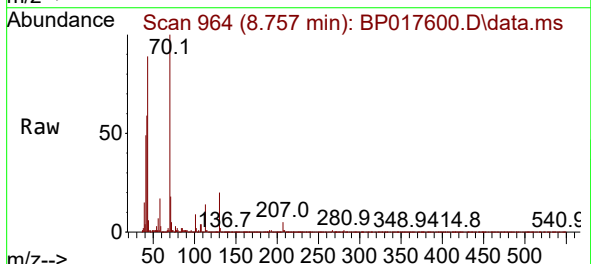
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ClientSampleId :

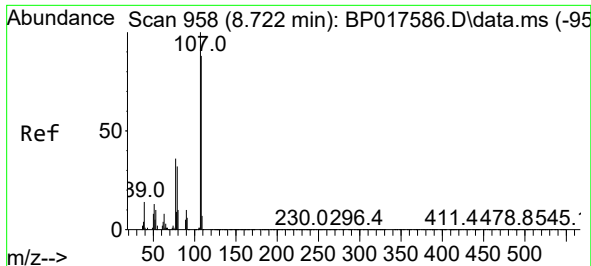
Tgt Ion:105 Resp: 241943
Ion Ratio Lower Upper
105 100
77 79.3 63.5 95.3
51 25.7 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 22.796 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 70 Resp: 122055
Ion Ratio Lower Upper
70 100
42 59.1 44.9 67.3
101 9.3 7.7 11.5
130 20.4 16.1 24.1

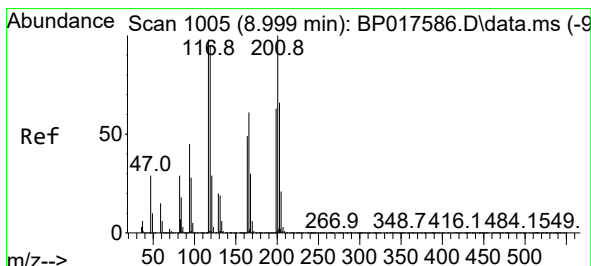
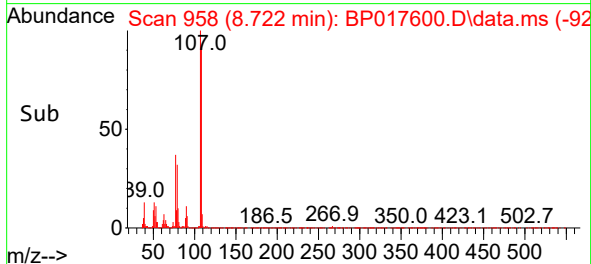
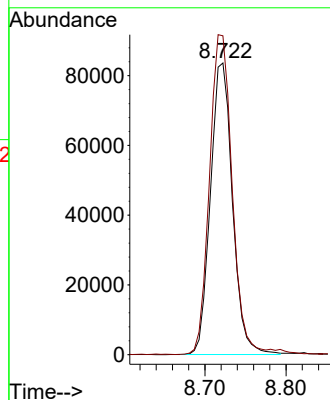
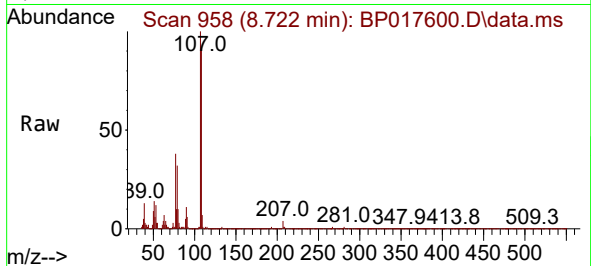




#18
4-Methylphenol
Concen: 23.556 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

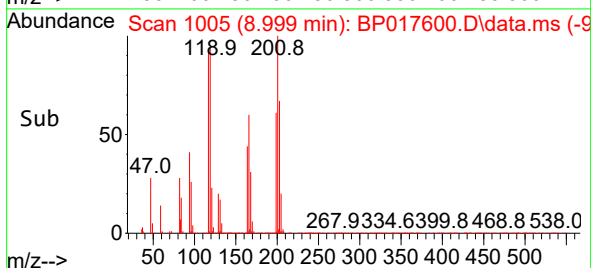
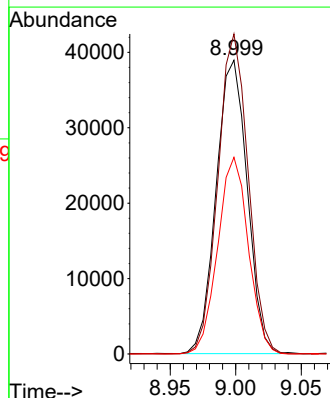
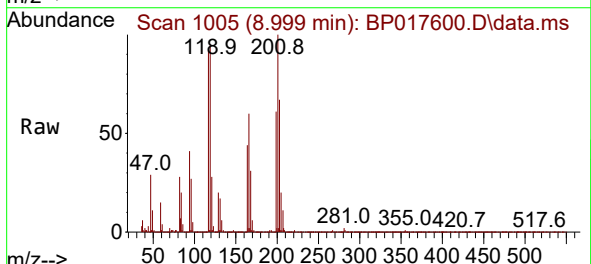
Instrument :
BNA_G
ClientSampleId :

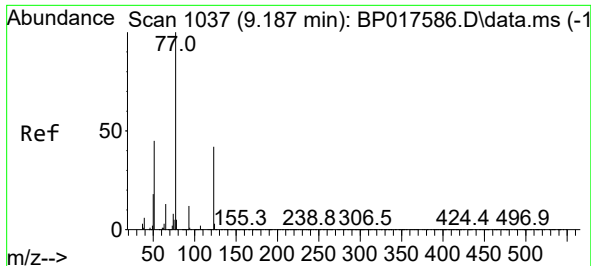
Tgt Ion:108 Resp: 158142
Ion Ratio Lower Upper
108 100
107 109.3 89.0 133.6



#19
Hexachloroethane
Concen: 21.934 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:117 Resp: 64129
Ion Ratio Lower Upper
117 100
201 108.9 83.2 124.8
199 67.0 52.8 79.2

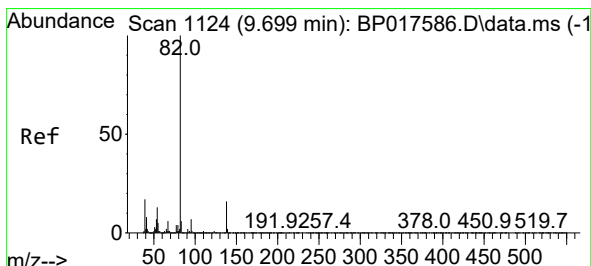
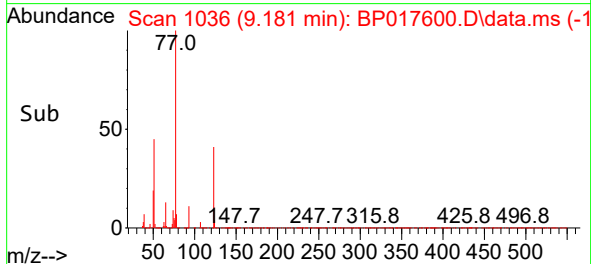
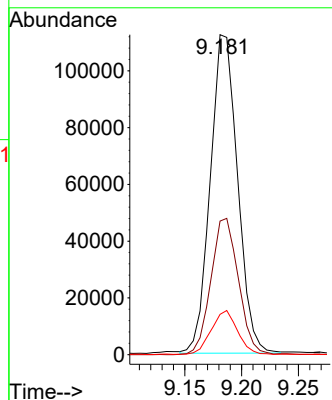
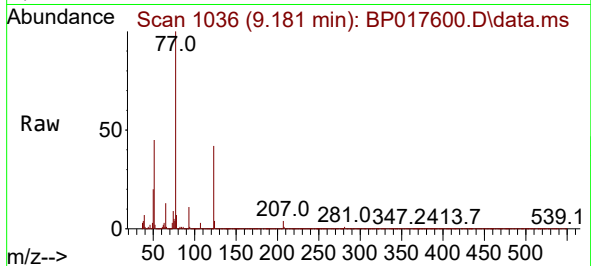




#22
Nitrobenzene
Concen: 22.811 ng/ul
RT: 9.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

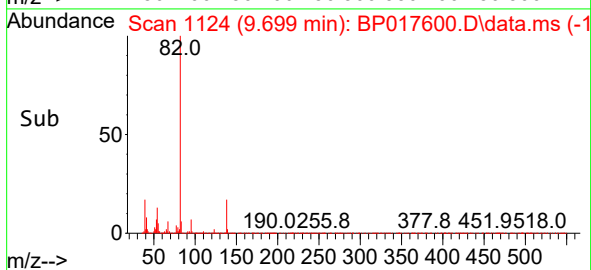
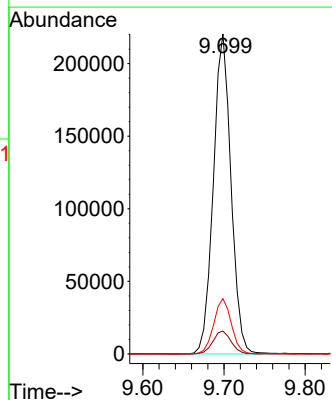
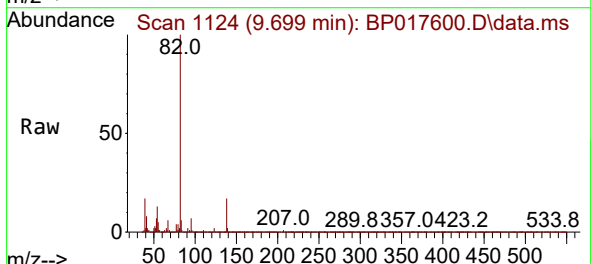
Instrument :
BNA_G
ClientSampleId :

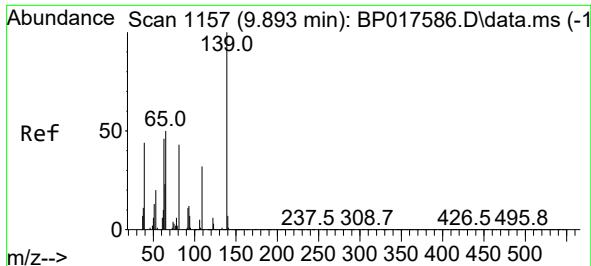
Tgt Ion: 77 Resp: 188082
Ion Ratio Lower Upper
77 100
123 41.7 35.0 52.6
65 12.6 11.0 16.4



#23
Isophorone
Concen: 22.006 ng/ul
RT: 9.699 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 82 Resp: 332904
Ion Ratio Lower Upper
82 100
95 7.1 6.3 9.5
138 17.3 14.6 21.8

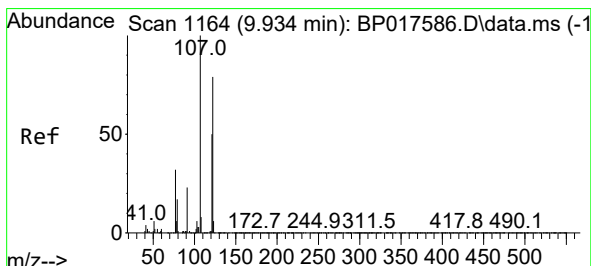
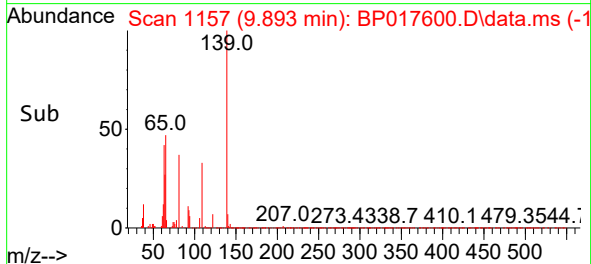
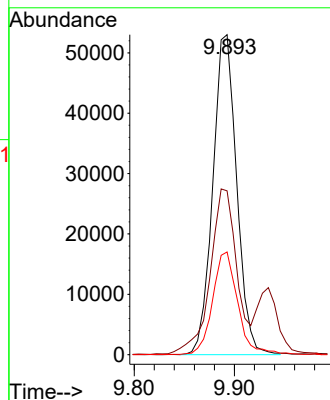
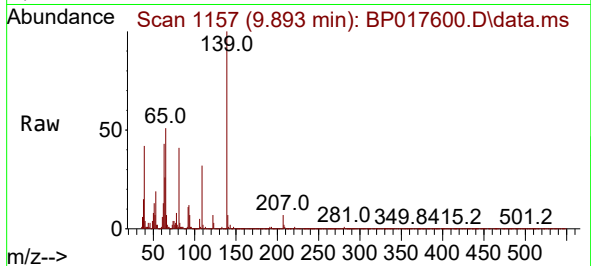




#25
2-Nitrophenol
Concen: 22.862 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

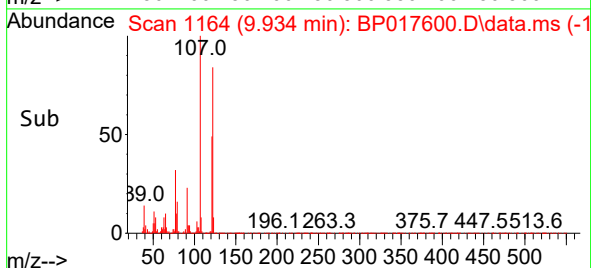
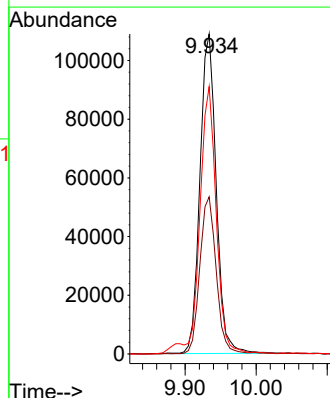
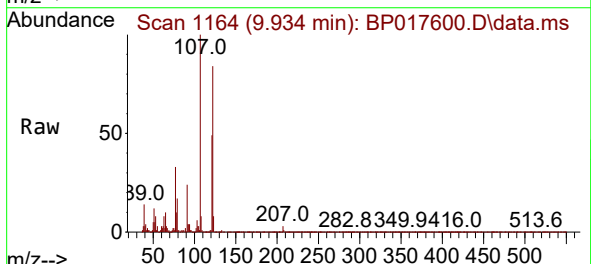
Instrument :
BNA_G
ClientSampleId :

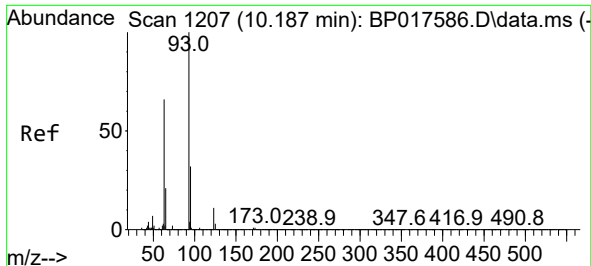
Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.2	43.4	65.0
109	32.1	26.6	39.8



#26
2,4-Dimethylphenol
Concen: 22.865 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.1	39.8	59.8
122	83.6	68.3	102.5

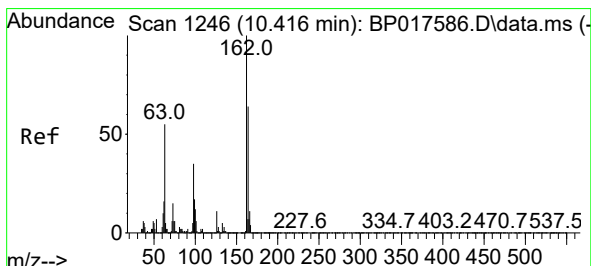
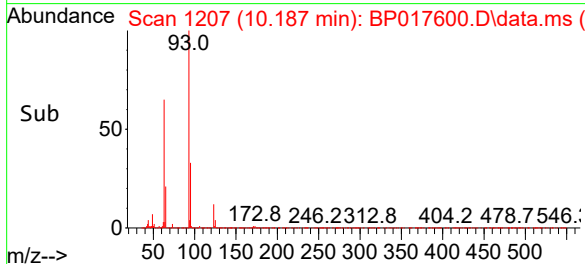
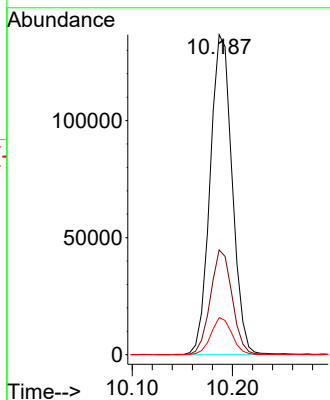
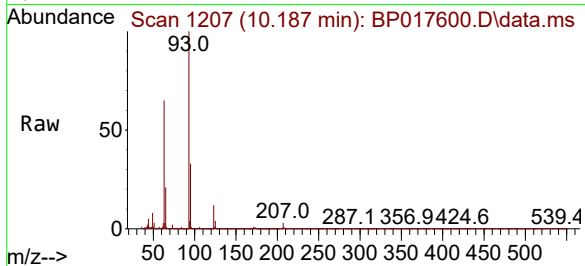




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.483 ng/ul
 RT: 10.187 min Scan# 1207
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

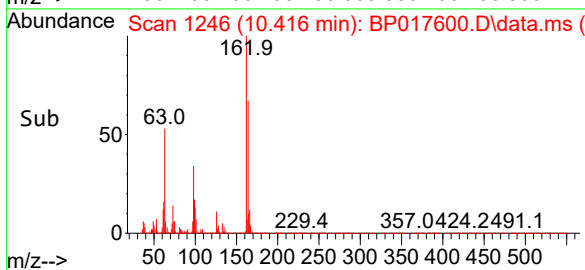
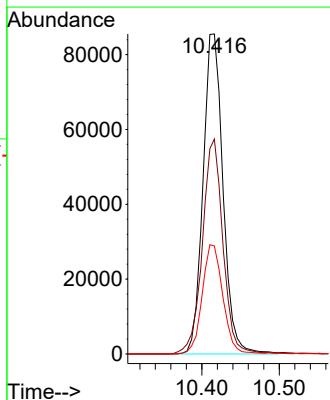
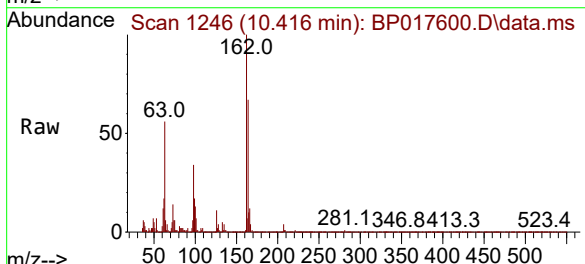
Instrument :
 BNA_G
 ClientSampleId :

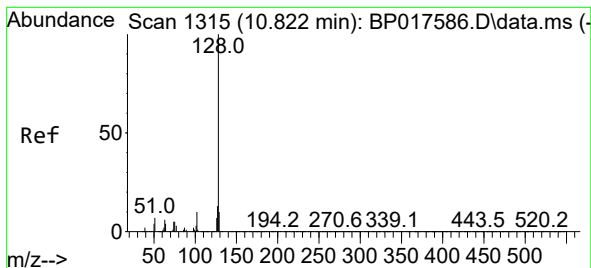
Tgt Ion: 93 Resp: 207945
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.6 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 23.549 ng/ul
 RT: 10.416 min Scan# 1246
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

Tgt Ion: 162 Resp: 153261
 Ion Ratio Lower Upper
 162 100
 164 67.1 54.4 81.6
 98 33.8 28.2 42.4

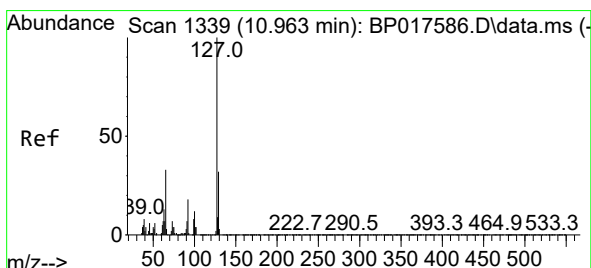
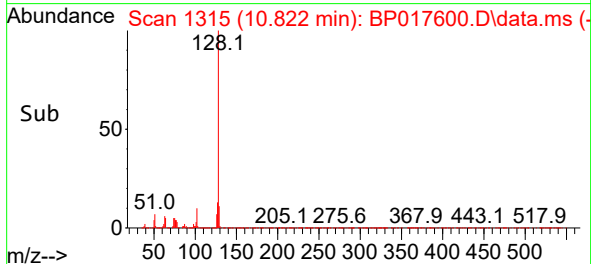
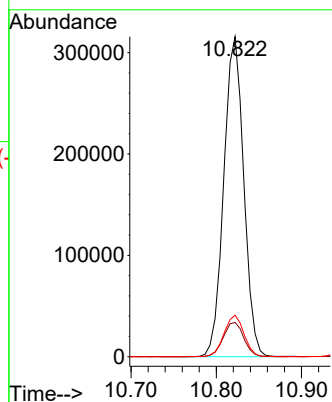
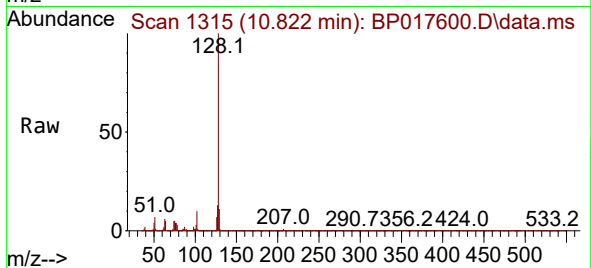




#30
Naphthalene
Concen: 23.099 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

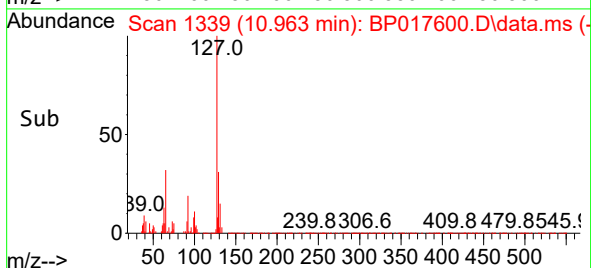
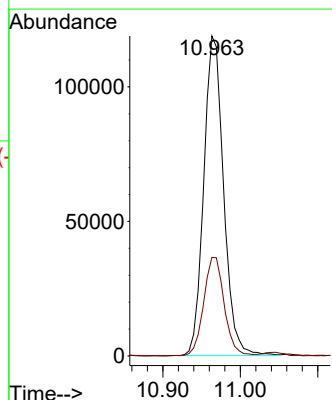
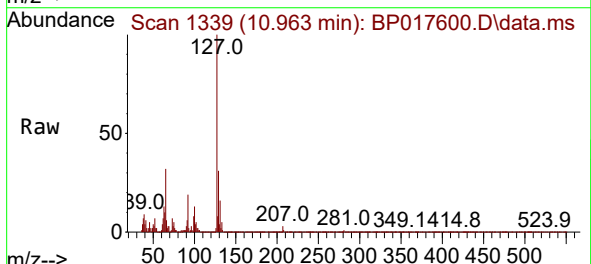
Instrument :
BNA_G
ClientSampleId :

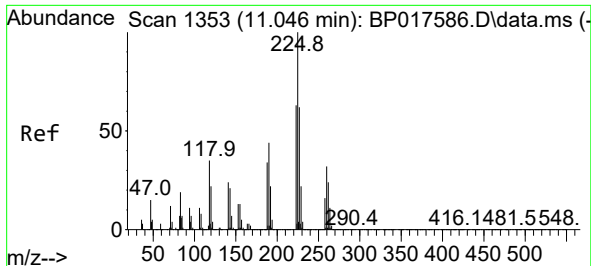
Tgt Ion:128 Resp: 513527
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 23.209 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:127 Resp: 211531
Ion Ratio Lower Upper
127 100
129 30.8 26.2 39.4

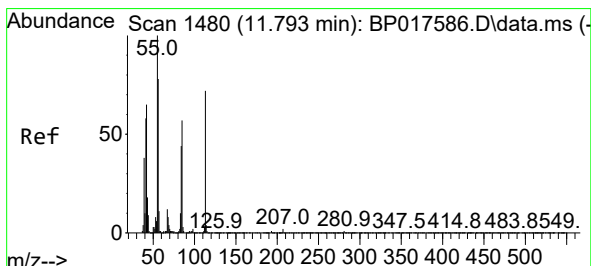
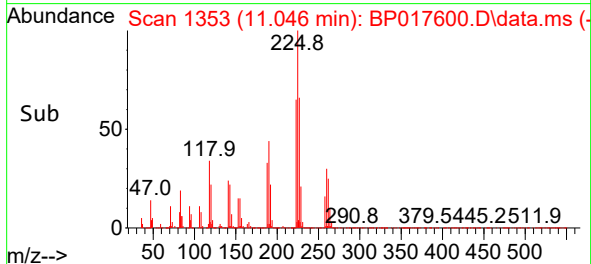
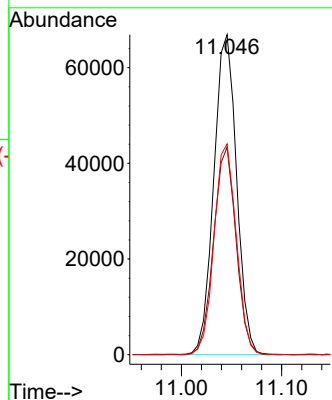
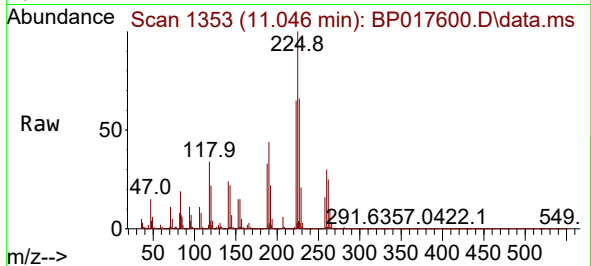




#33
Hexachlorobutadiene
Concen: 22.320 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

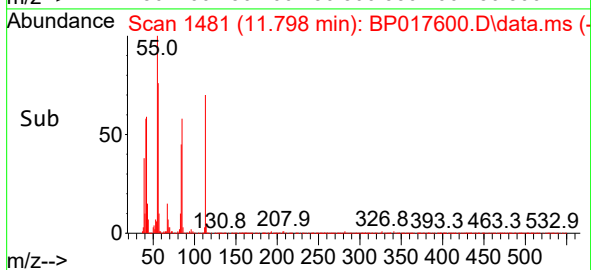
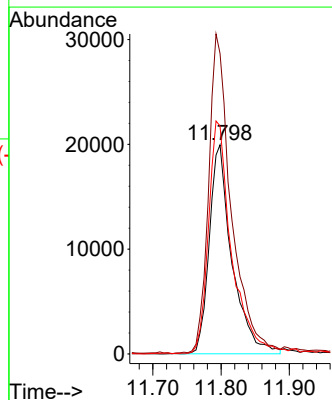
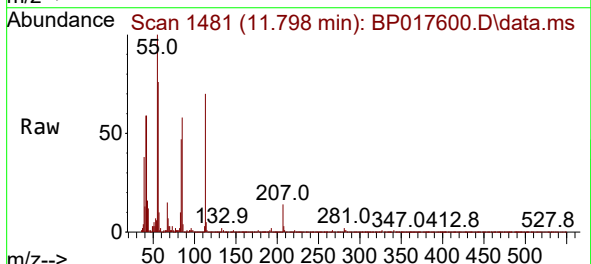
Instrument :
BNA_G
ClientSampleId :

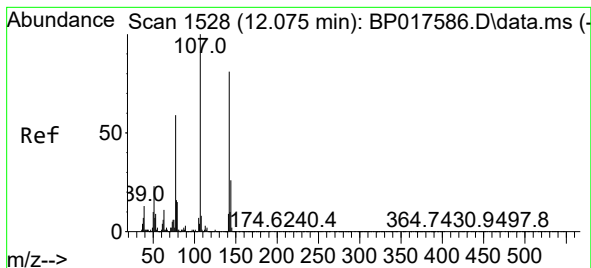
Tgt Ion:225 Resp: 105491
Ion Ratio Lower Upper
225 100
223 64.8 51.5 77.3
227 65.9 51.4 77.0



#34
Caprolactam
Concen: 22.864 ng/ul
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:113 Resp: 46179
Ion Ratio Lower Upper
113 100
55 143.7 124.6 187.0
56 109.0 94.7 142.1

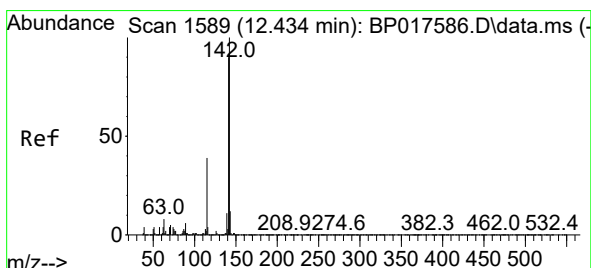
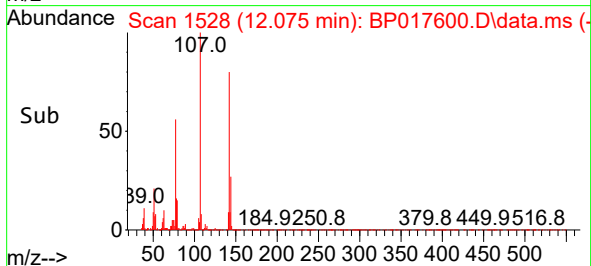
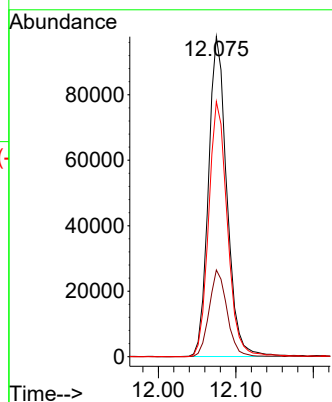
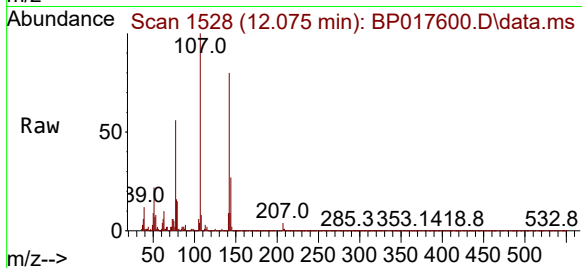




#35
 4-Chloro-3-methylphenol
 Concen: 23.461 ng/ul
 RT: 12.075 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

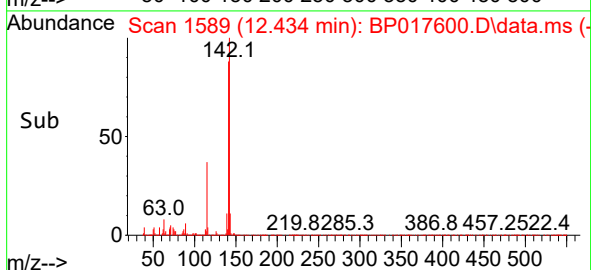
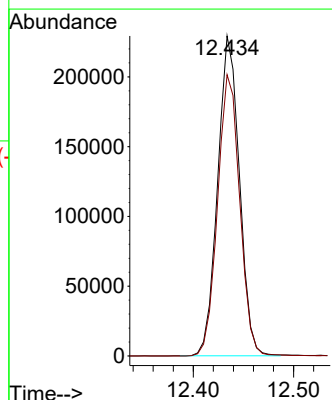
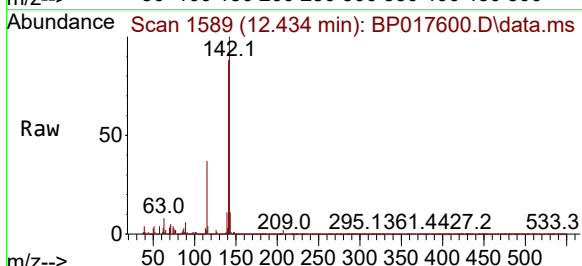
Instrument :
 BNA_G
 ClientSampleId :

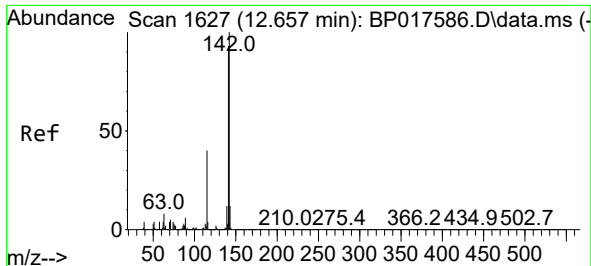
Tgt Ion:107 Resp: 161149
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.8 31.2
 142 79.7 62.3 93.5



#36
 2-Methylnaphthalene
 Concen: 22.713 ng/ul
 RT: 12.434 min Scan# 1589
 Delta R.T. -0.000 min
 Lab File: BP017600.D
 Acq: 06 Oct 2023 14:12

Tgt Ion:142 Resp: 345037
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.4 107.2





#37

1-Methylnaphthalene

Concen: 22.917 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.000 min

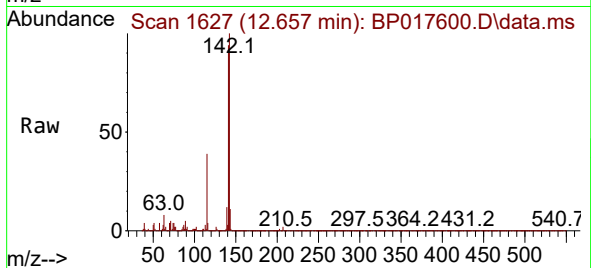
Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :



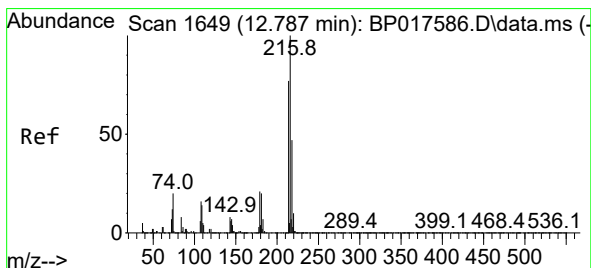
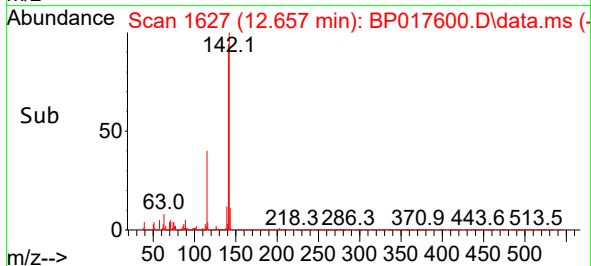
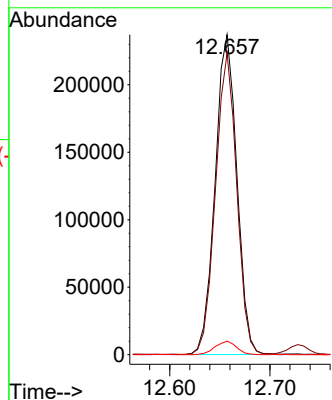
Tgt Ion:142 Resp: 357173

Ion Ratio Lower Upper

142 100

141 94.2 74.1 111.1

116 4.3 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.026 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Tgt Ion:216 Resp: 198497

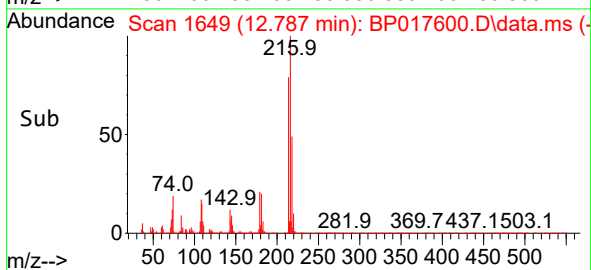
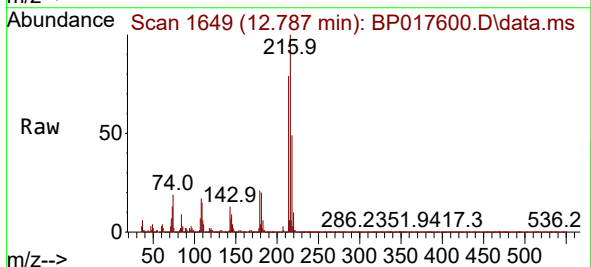
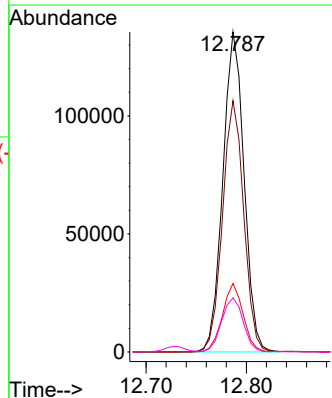
Ion Ratio Lower Upper

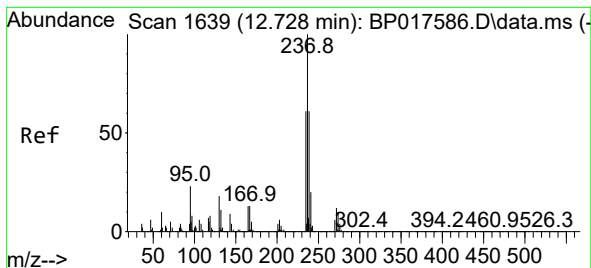
216 100

214 78.5 62.6 94.0

179 21.4 17.1 25.7

108 16.9 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 17.320 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

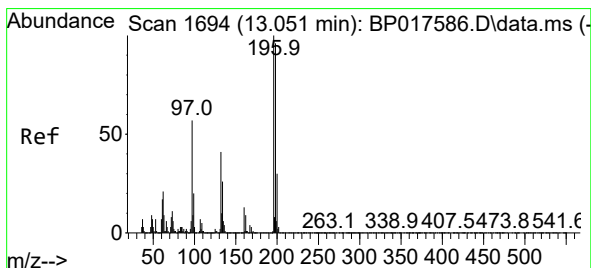
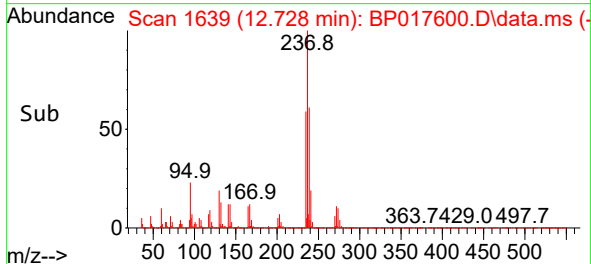
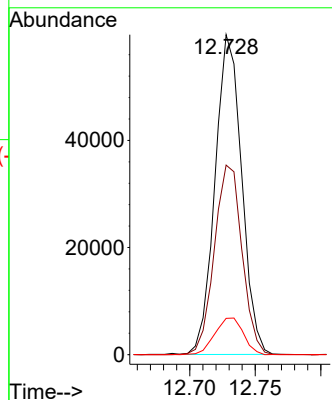
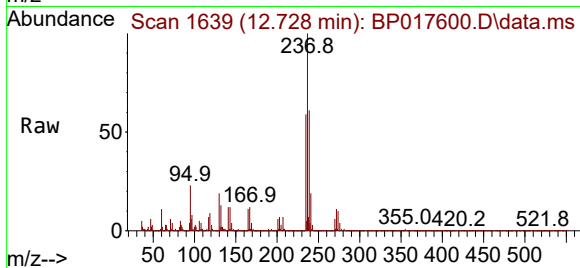
Tgt Ion:237 Resp: 84209

Ion Ratio Lower Upper

237 100

235 59.3 51.4 77.0

272 11.4 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 22.832 ng/ul

RT: 13.051 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

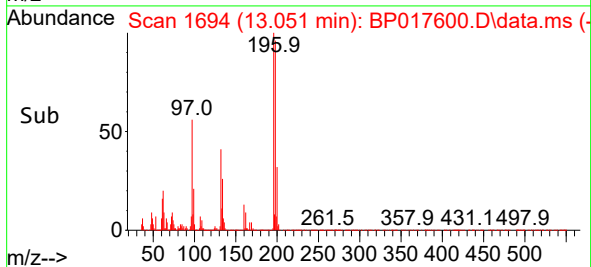
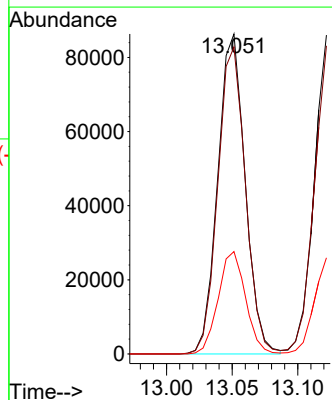
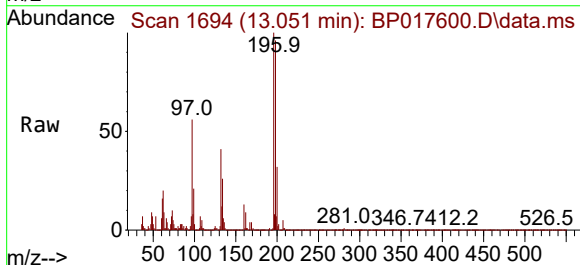
Tgt Ion:196 Resp: 125435

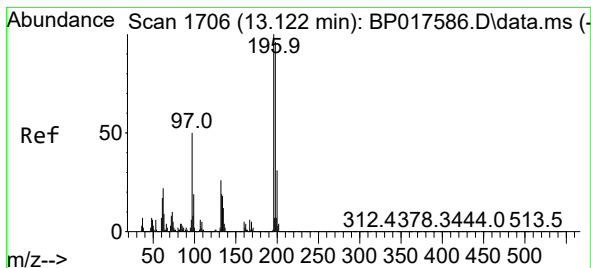
Ion Ratio Lower Upper

196 100

198 96.0 76.3 114.5

200 32.0 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 23.333 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

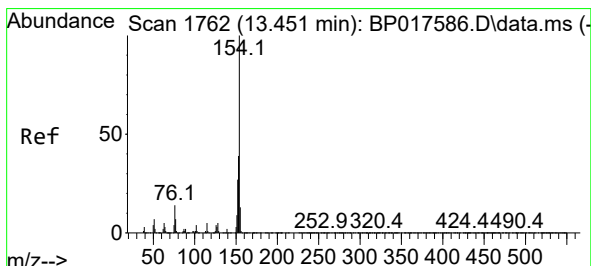
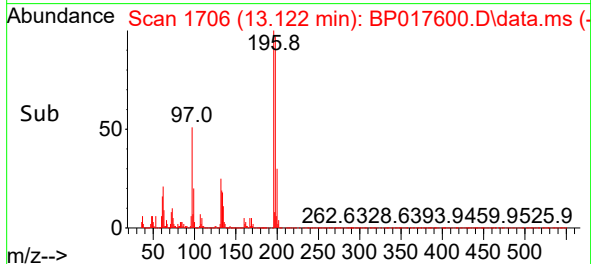
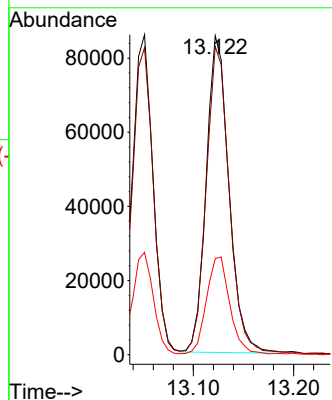
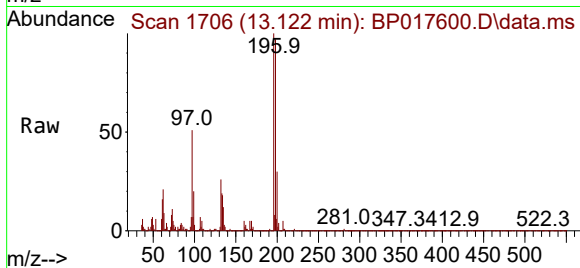
Tgt Ion:196 Resp: 134975

Ion Ratio Lower Upper

196 100

198 96.7 75.4 113.2

200 30.1 24.9 37.3



#43

1,1'-Biphenyl

Concen: 23.072 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

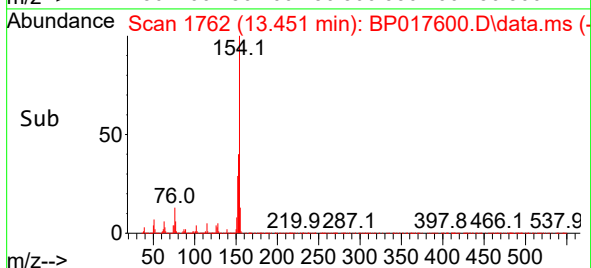
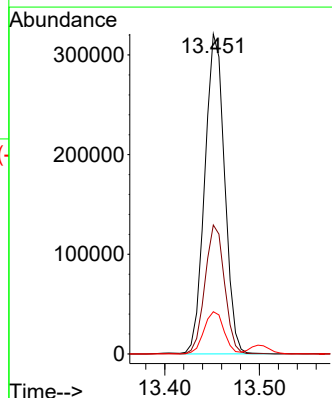
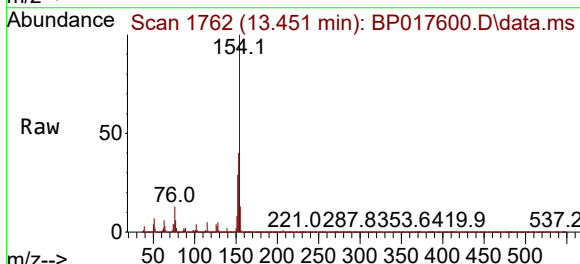
Tgt Ion:154 Resp: 464706

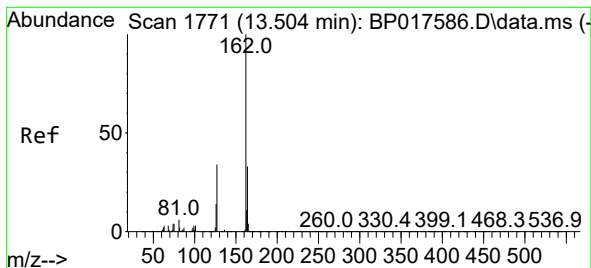
Ion Ratio Lower Upper

154 100

153 40.3 32.2 48.4

76 13.2 11.0 16.4

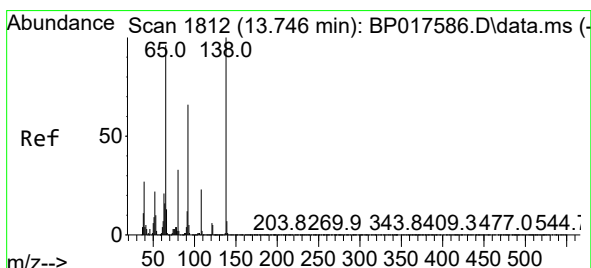
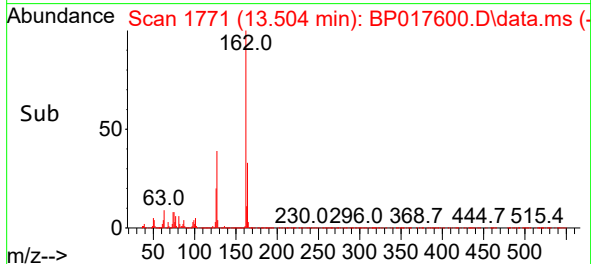
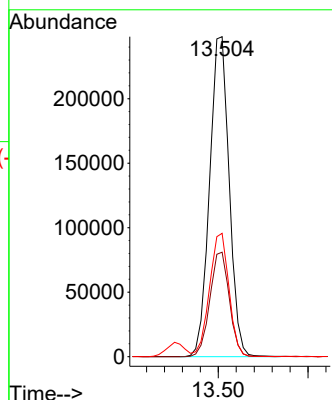
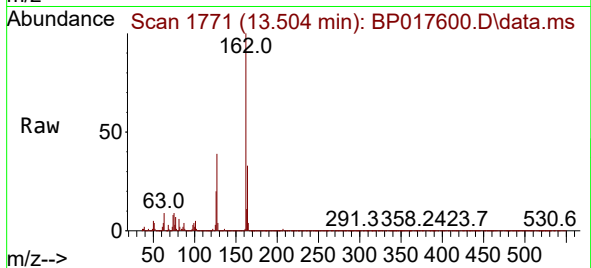




#44
2-Chloronaphthalene
Concen: 23.455 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

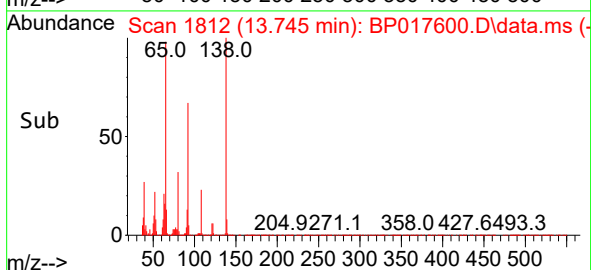
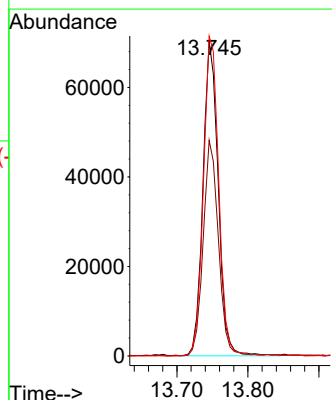
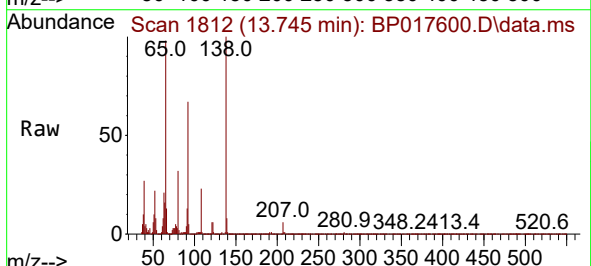
Instrument :
BNA_G
ClientSampleId :

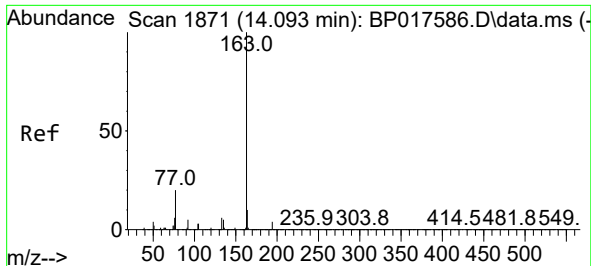
Tgt Ion:162 Resp: 375606
Ion Ratio Lower Upper
162 100
164 32.6 26.0 39.0
127 38.6 31.2 46.8



#45
2-Nitroaniline
Concen: 23.598 ng/ul
RT: 13.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion: 65 Resp: 105006
Ion Ratio Lower Upper
65 100
92 68.6 54.7 82.1
138 101.7 81.4 122.2

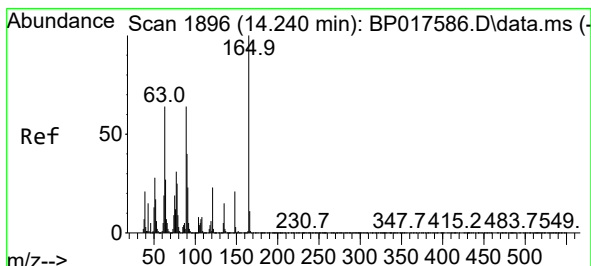
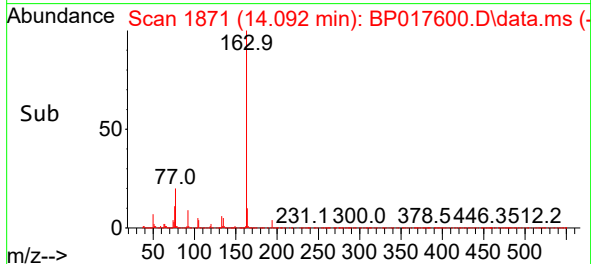
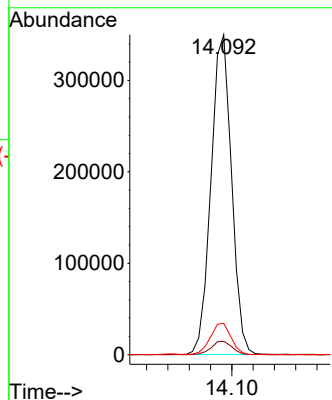
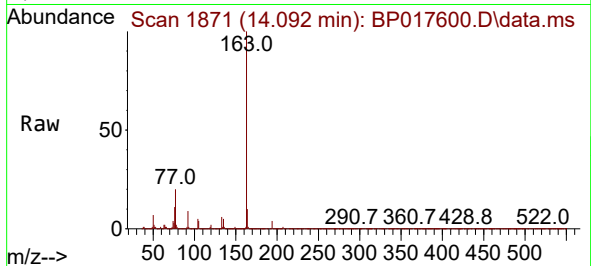




#47
Dimethylphthalate
Concen: 22.671 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

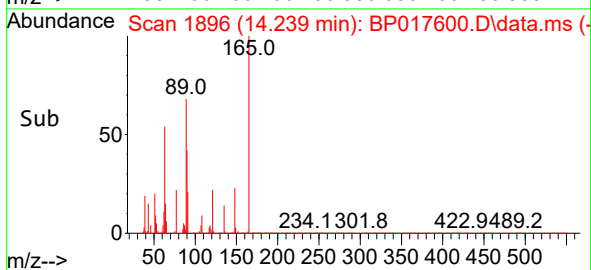
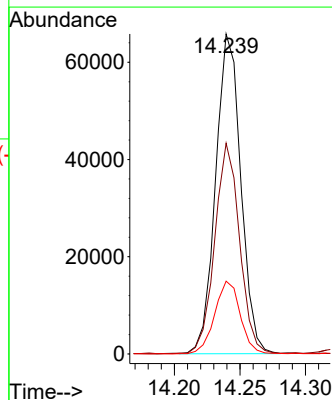
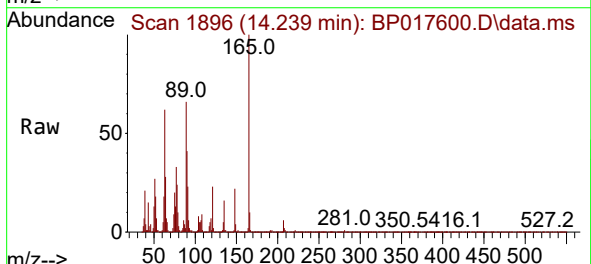
Instrument :
BNA_G
ClientSampleId :

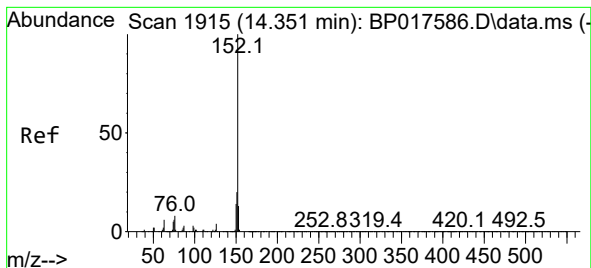
Tgt Ion:163 Resp: 467664
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.8 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 22.821 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:165 Resp: 87723
Ion Ratio Lower Upper
165 100
89 65.9 52.6 78.8
121 22.7 16.7 25.1





#50

Acenaphthylene

Concen: 22.773 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

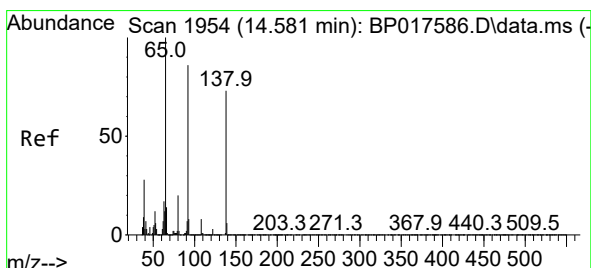
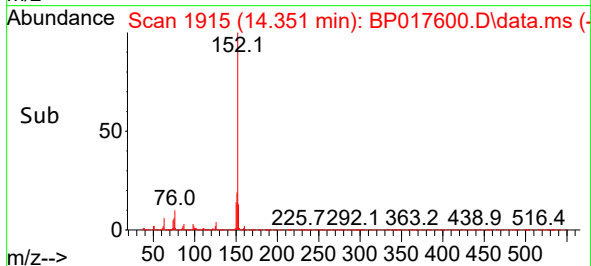
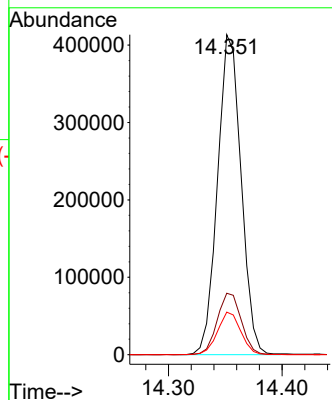
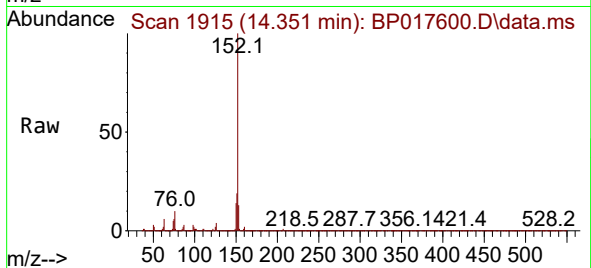
Tgt Ion:152 Resp: 596007

Ion Ratio Lower Upper

152 100

151 19.2 15.6 23.4

153 13.3 10.5 15.7



#51

3-Nitroaniline

Concen: 23.227 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

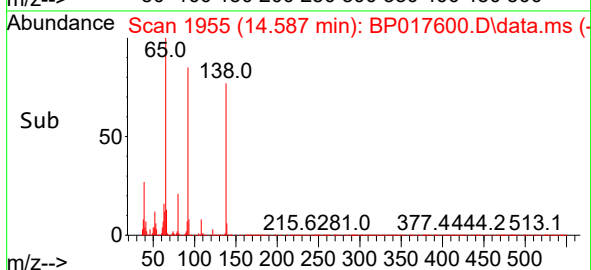
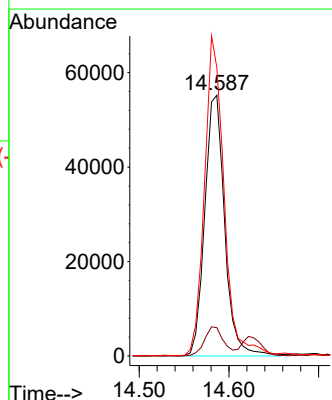
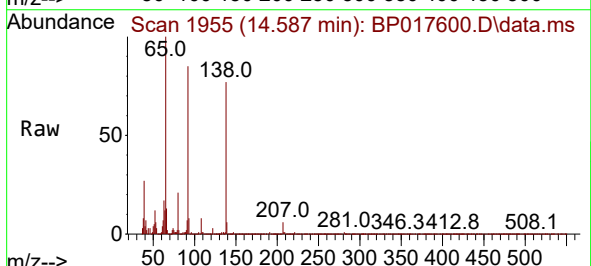
Tgt Ion:138 Resp: 85112

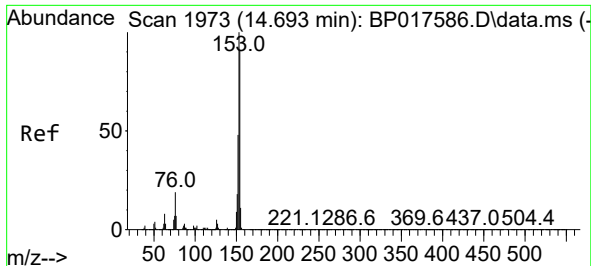
Ion Ratio Lower Upper

138 100

108 10.8 9.3 13.9

92 110.5 96.4 144.6

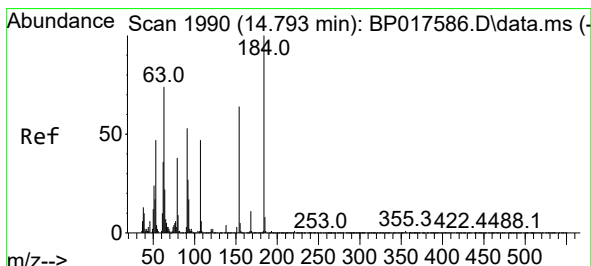
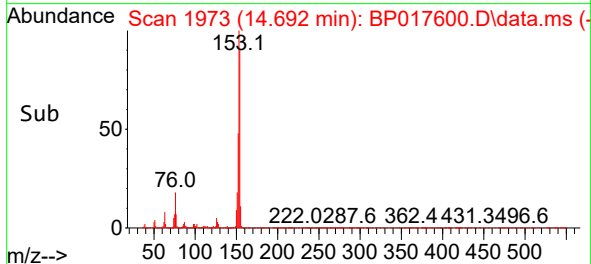
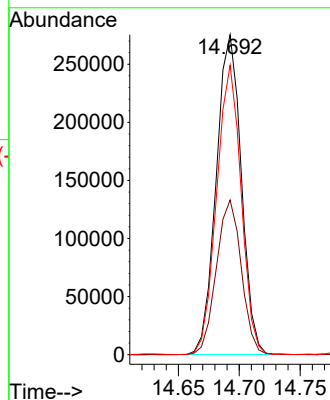
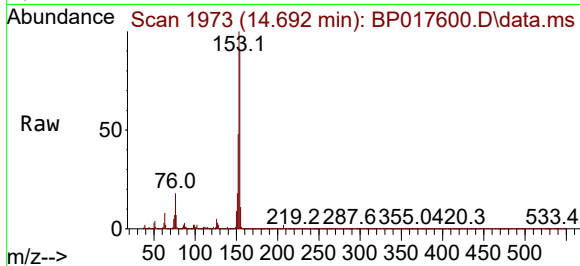




#52
Acenaphthene
Concen: 22.806 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

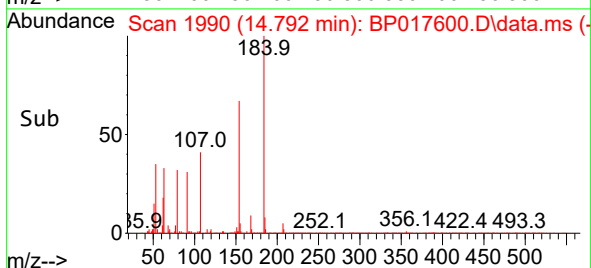
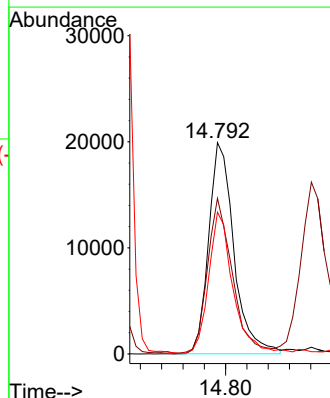
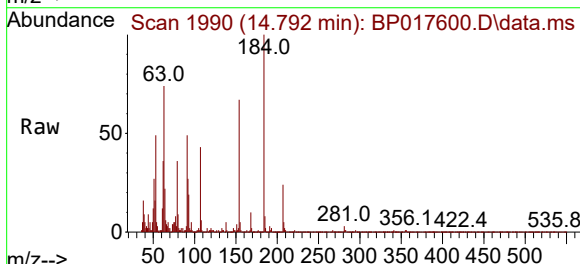
Instrument :
BNA_G
ClientSampleId :

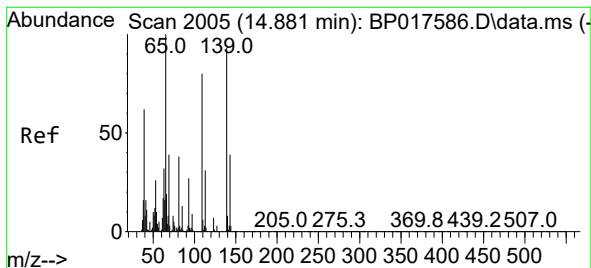
Tgt Ion:153 Resp: 393983
Ion Ratio Lower Upper
153 100
152 48.4 38.3 57.5
154 90.5 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 14.440 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

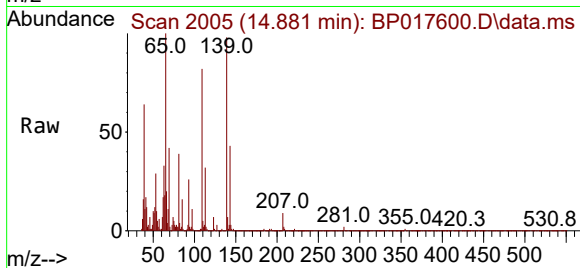
Tgt Ion:184 Resp: 32857
Ion Ratio Lower Upper
184 100
63 73.6 51.1 76.7
154 67.1 47.5 71.3



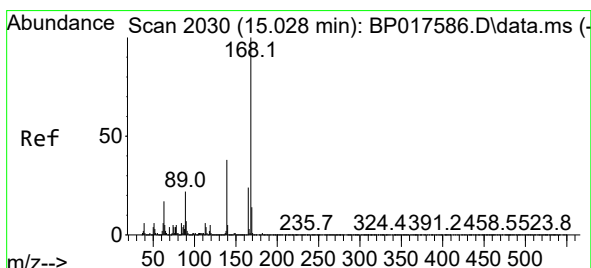
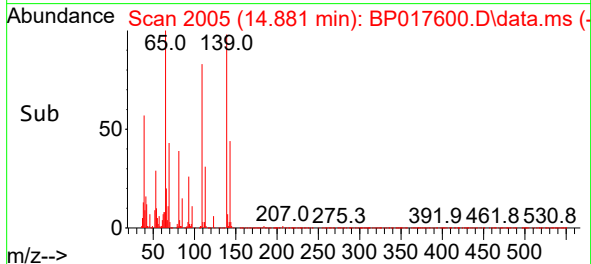
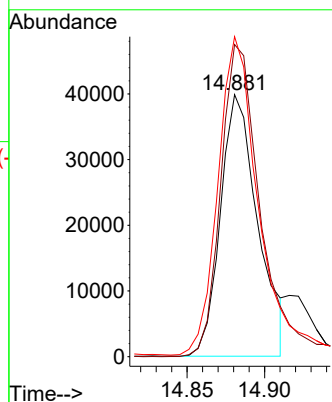


#55
4-Nitrophenol
Concen: 20.672 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Instrument :
BNA_G
ClientSampleId :

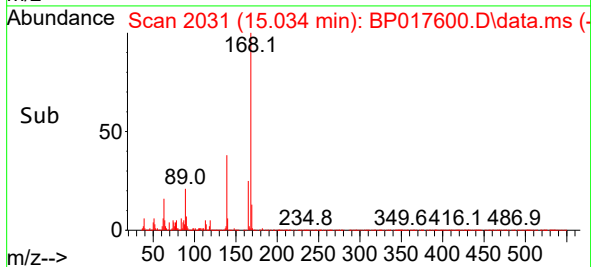
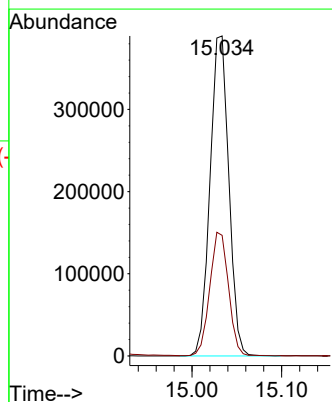
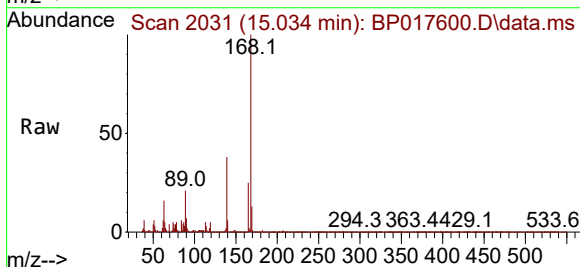


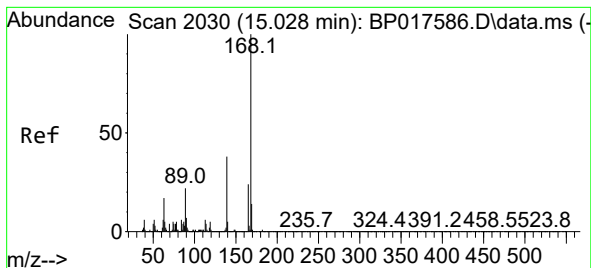
Tgt Ion:109 Resp: 66717
Ion Ratio Lower Upper
109 100
139 119.1 95.5 143.3
65 122.1 97.9 146.9



#56
Dibenzofuran
Concen: 23.288 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:168 Resp: 566208
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 23.664 ng/ul

RT: 15.028 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

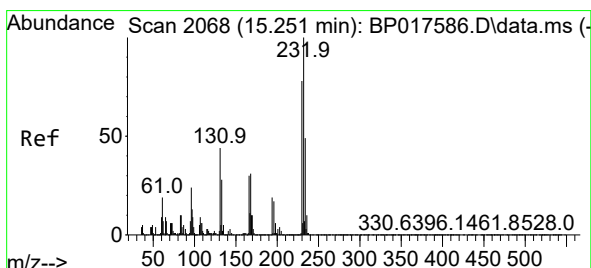
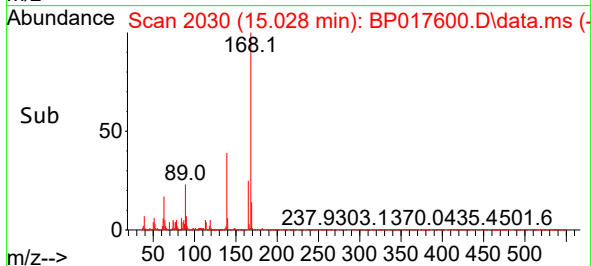
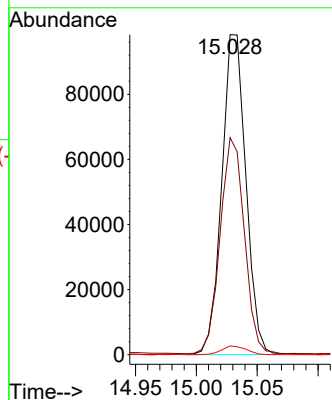
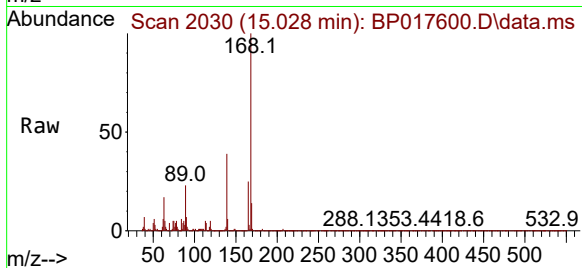
Tgt Ion:165 Resp: 135767

Ion Ratio Lower Upper

165 100

63 67.8 53.4 80.0

182 2.8 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.748 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Tgt Ion:232 Resp: 121589

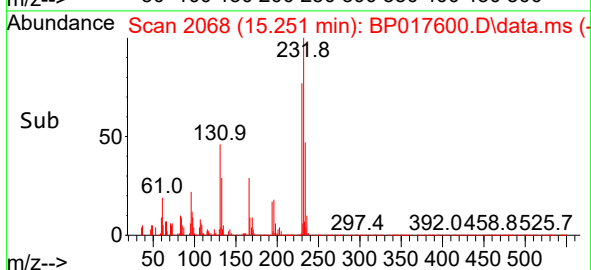
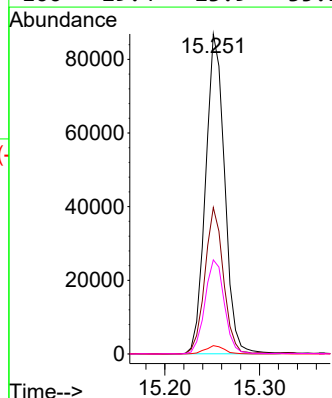
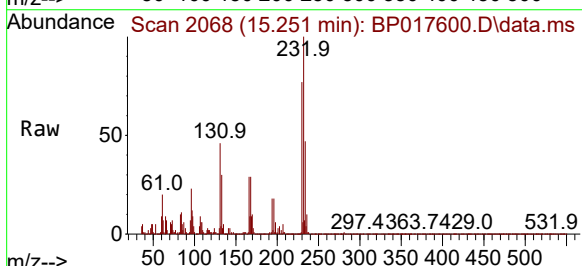
Ion Ratio Lower Upper

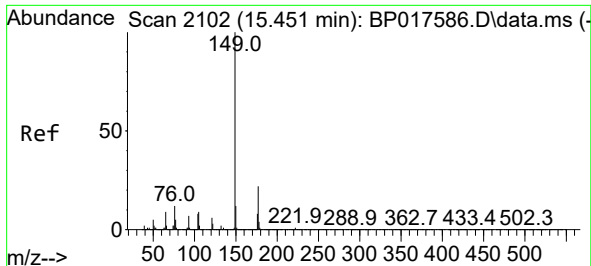
232 100

131 45.7 35.0 52.6

130 2.6 1.9 2.9

166 29.4 23.9 35.9

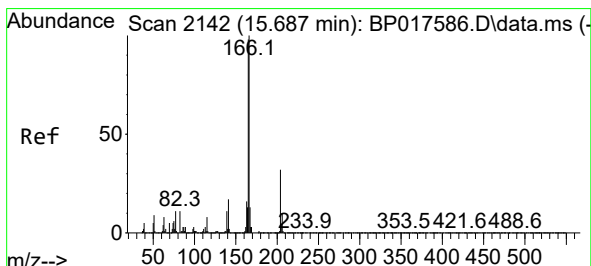
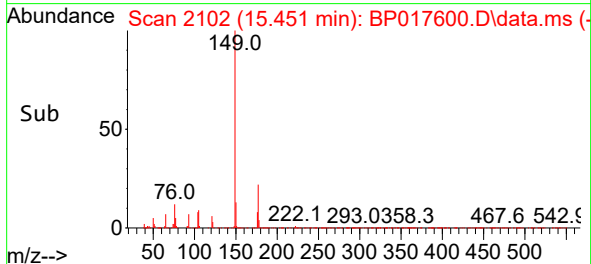
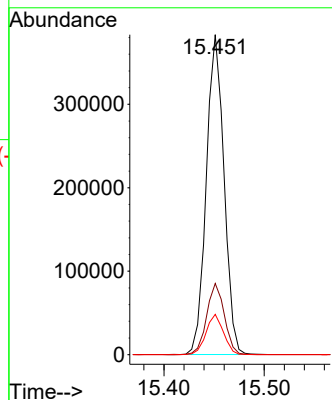
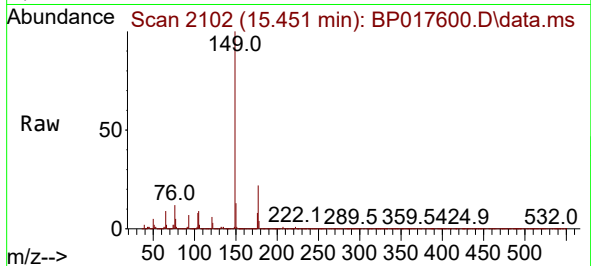




#59
Diethylphthalate
Concen: 22.829 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

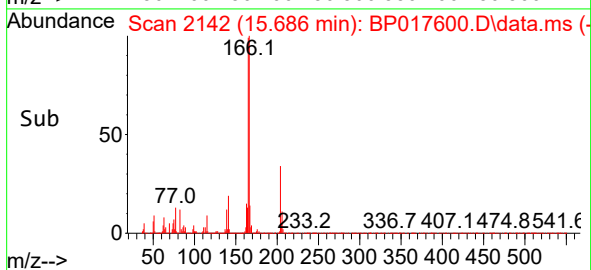
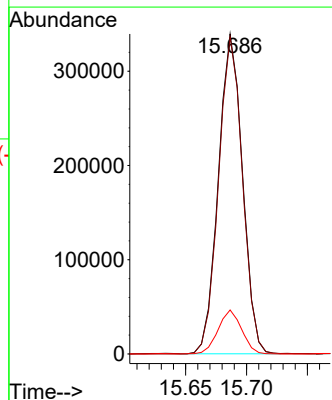
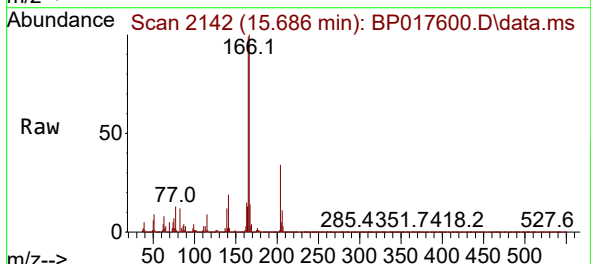
Instrument :
BNA_G
ClientSampleId :

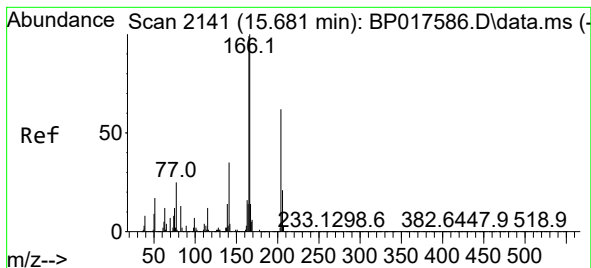
Tgt Ion:149 Resp: 472357
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.2 15.4



#61
Fluorene
Concen: 23.316 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:166 Resp: 468189
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 13.8 11.0 16.4

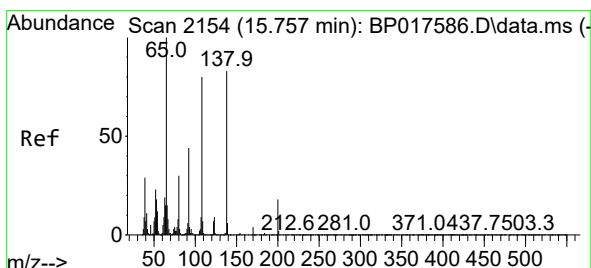
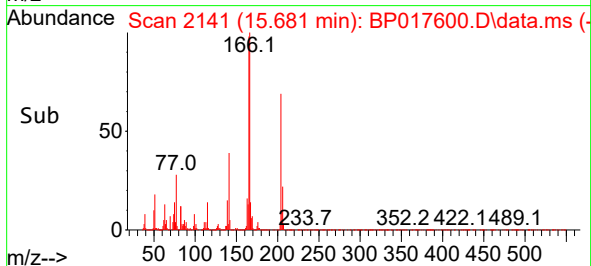
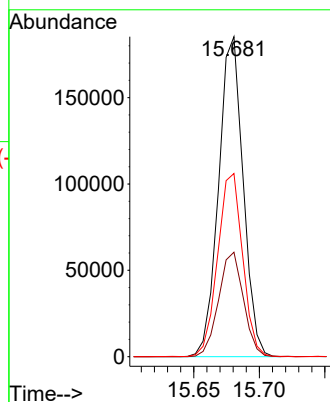
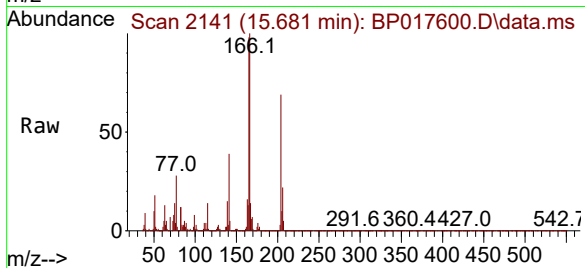




#62
4-Chlorophenyl-phenylether
Concen: 23.432 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

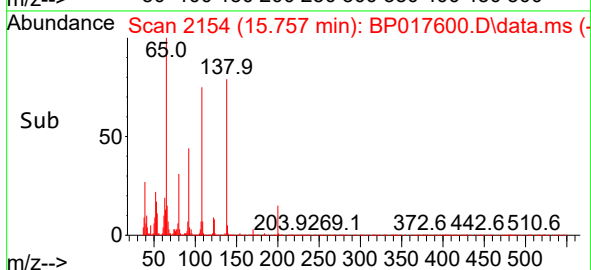
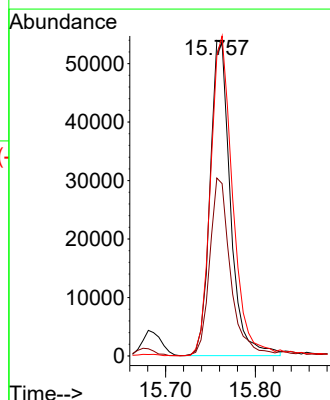
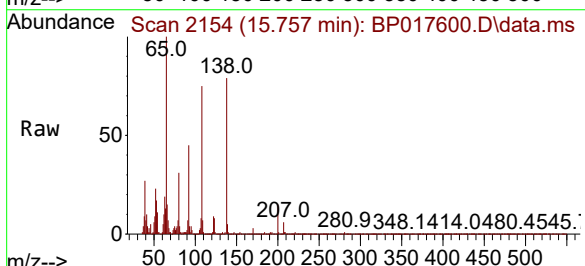
Instrument :
BNA_G
ClientSampleId :

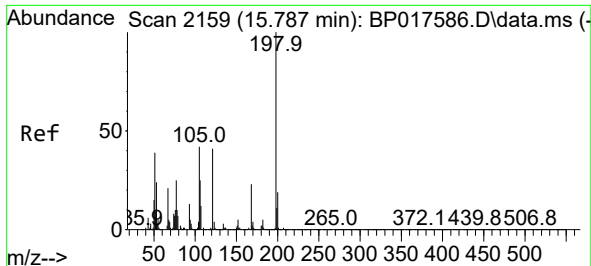
Tgt Ion: 204 Resp: 241032
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 57.2 46.9 70.3



#63
4-Nitroaniline
Concen: 24.726 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

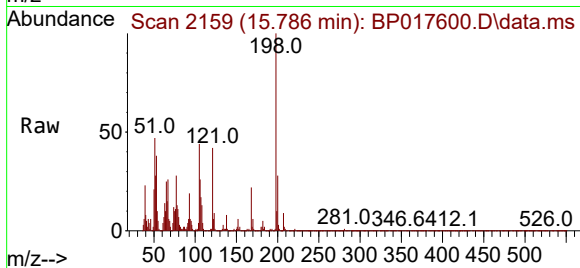
Tgt Ion: 138 Resp: 85164
Ion Ratio Lower Upper
138 100
92 56.4 44.8 67.2
108 95.1 79.7 119.5



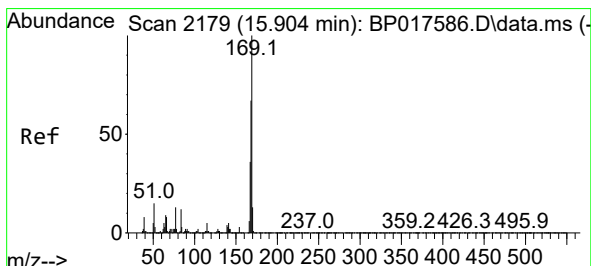
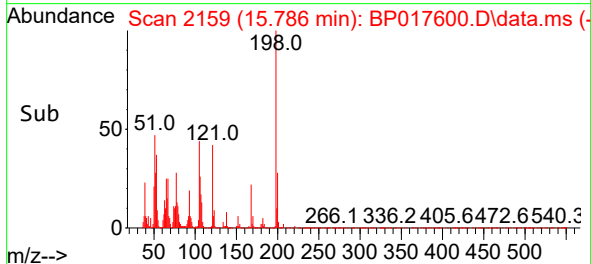
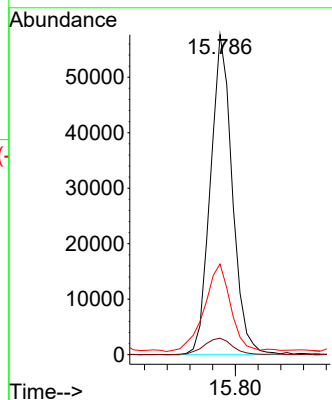


#66
4,6-Dinitro-2-methylphenol
Concen: 19.173 ng/ul
RT: 15.786 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Instrument :
BNA_G
ClientSampleId :

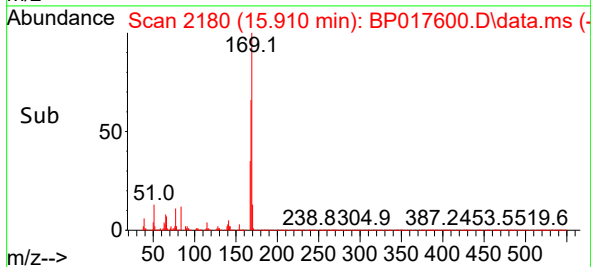
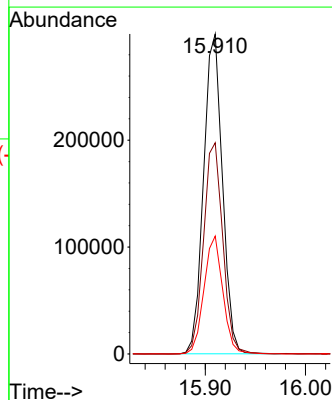
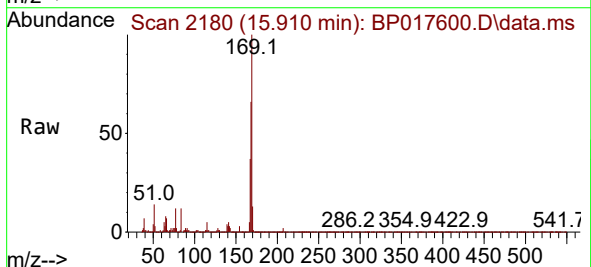


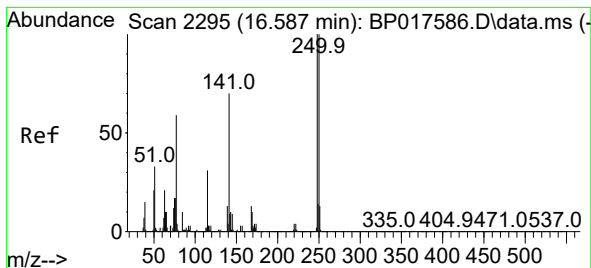
Tgt Ion:198 Resp: 77083
Ion Ratio Lower Upper
198 100
182 5.1 4.2 6.2
77 28.4 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 23.207 ng/ul
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:169 Resp: 391709
Ion Ratio Lower Upper
169 100
168 66.0 54.3 81.5
167 36.9 29.7 44.5

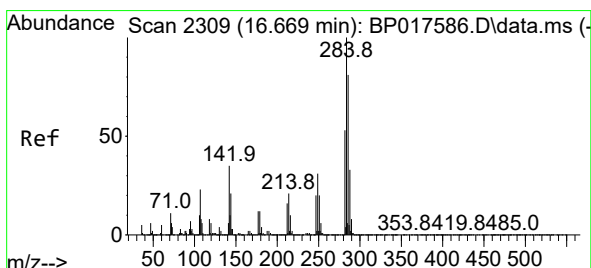
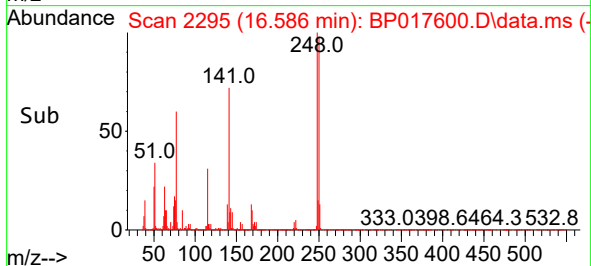
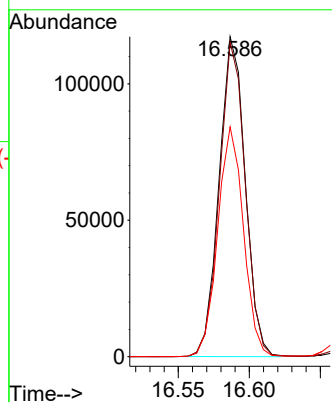
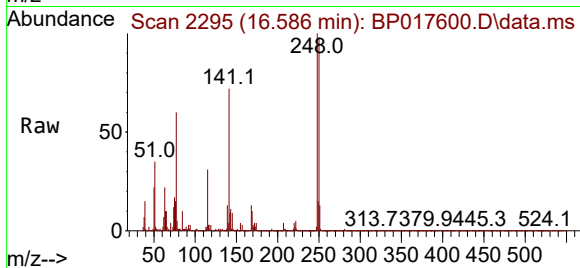




#68
4-Bromophenyl-phenylether
Concen: 23.453 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

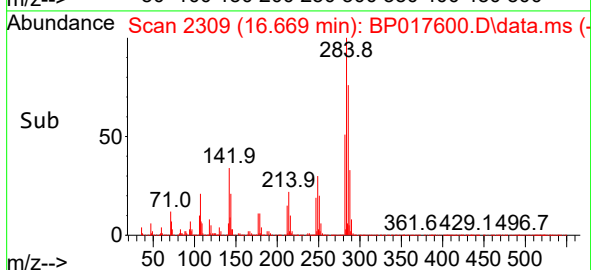
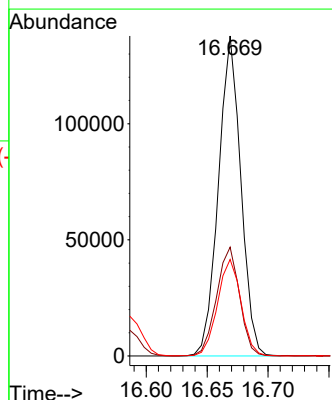
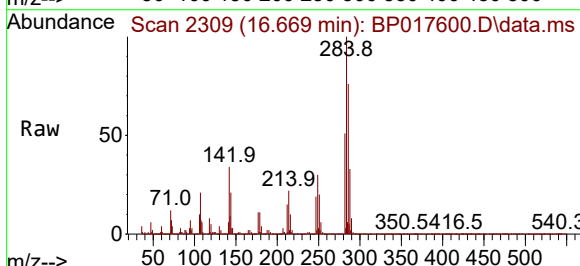
Instrument :
BNA_G
ClientSampleId :

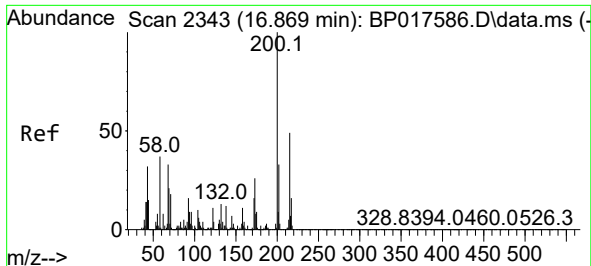
Tgt Ion:248 Resp: 149873
Ion Ratio Lower Upper
248 100
250 98.3 77.0 115.6
141 71.8 57.1 85.7



#69
Hexachlorobenzene
Concen: 23.434 ng/ul
RT: 16.669 min Scan# 2309
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:284 Resp: 176361
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 30.2 24.6 36.8

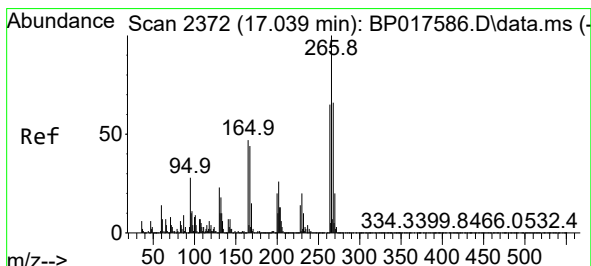
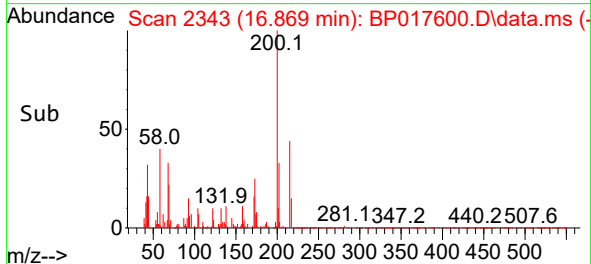
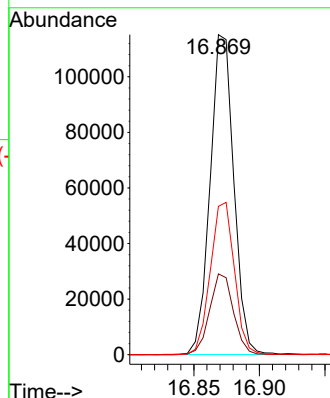
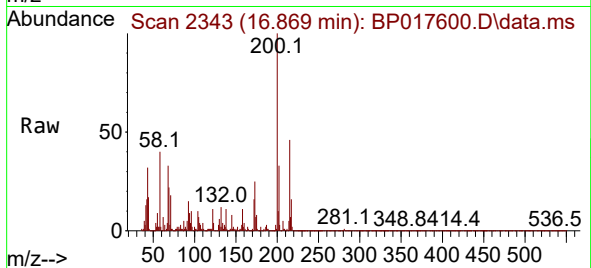




#70
Atrazine
Concen: 22.150 ng/ul
RT: 16.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

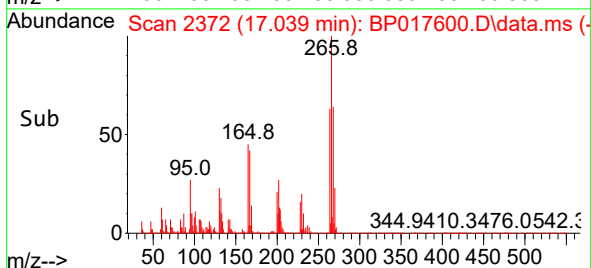
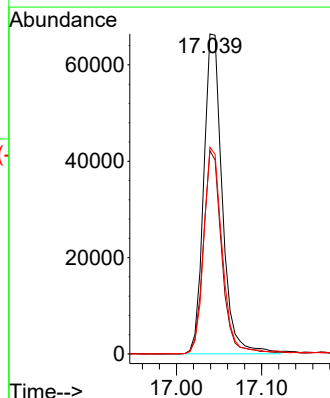
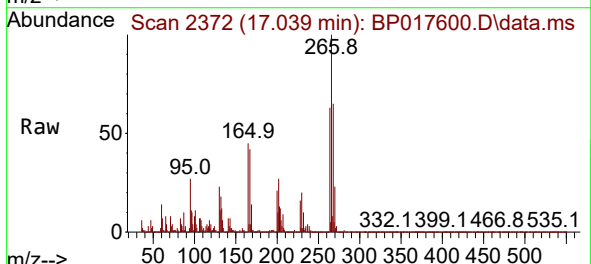
Instrument :
BNA_G
ClientSampleId :

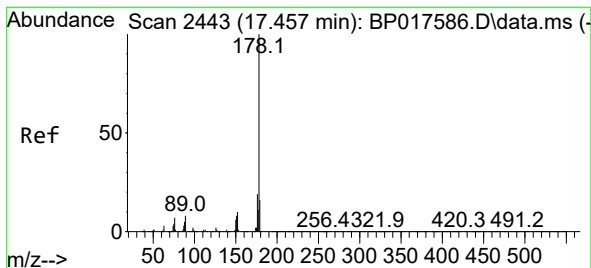
Tgt Ion:200 Resp: 144647
Ion Ratio Lower Upper
200 100
173 25.3 20.6 30.8
215 46.3 40.1 60.1



#71
Pentachlorophenol
Concen: 21.999 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BP017600.D
Acq: 06 Oct 2023 14:12

Tgt Ion:266 Resp: 100226
Ion Ratio Lower Upper
266 100
264 63.5 49.6 74.4
268 64.6 53.0 79.6





#72

Phenanthrene

Concen: 23.373 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

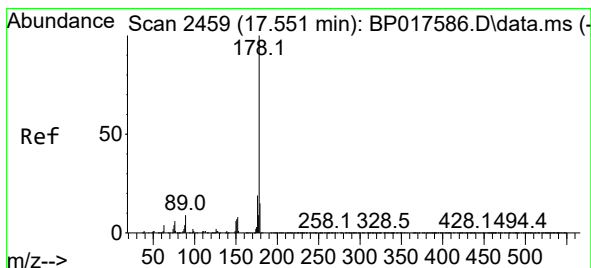
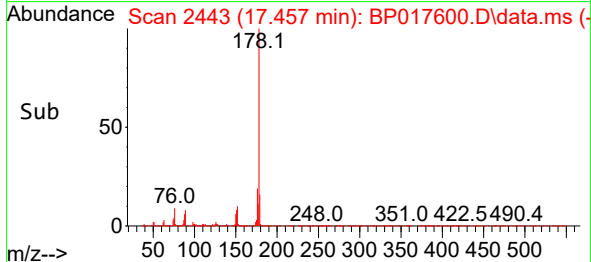
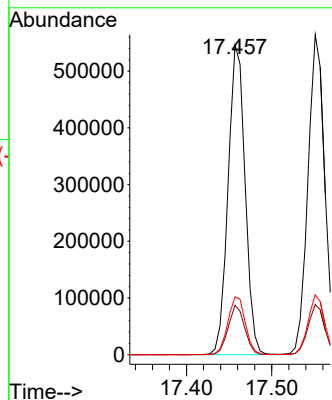
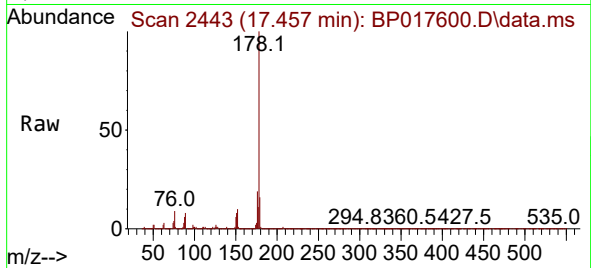
Tgt Ion:178 Resp: 758273

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 18.7 15.2 22.8



#74

Anthracene

Concen: 23.418 ng/ul

RT: 17.551 min Scan# 2459

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

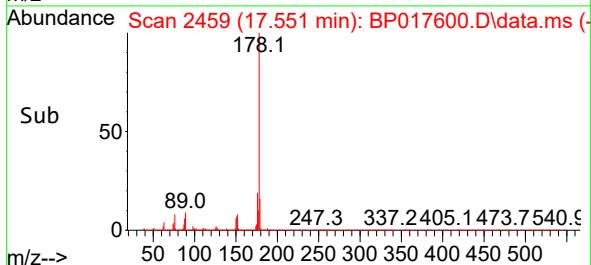
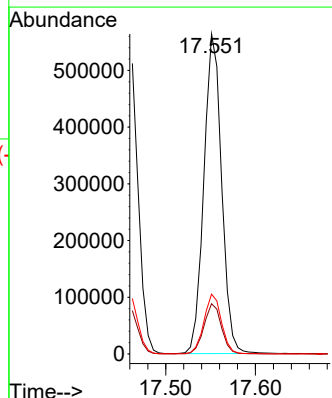
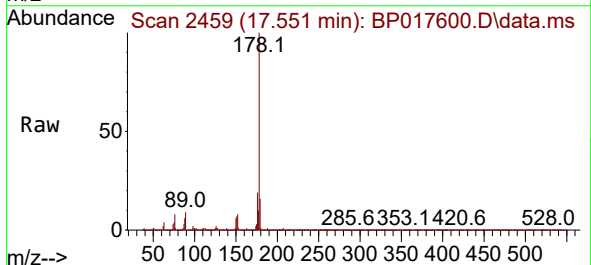
Tgt Ion:178 Resp: 774359

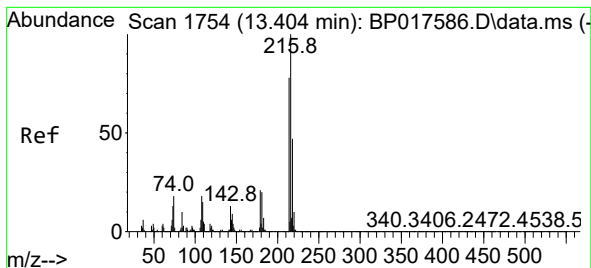
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.782 ng/uL

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

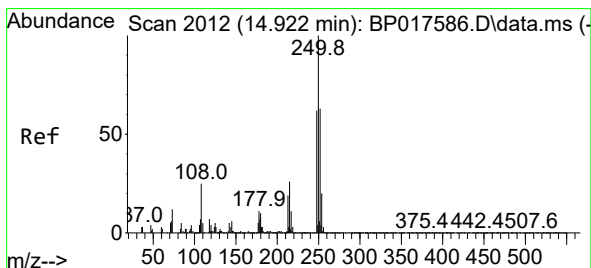
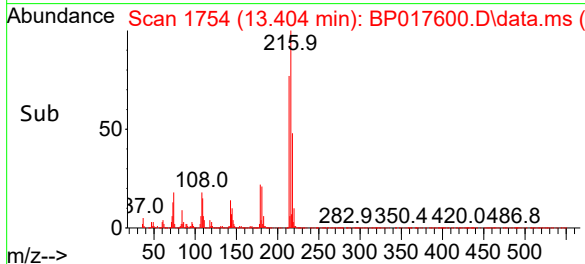
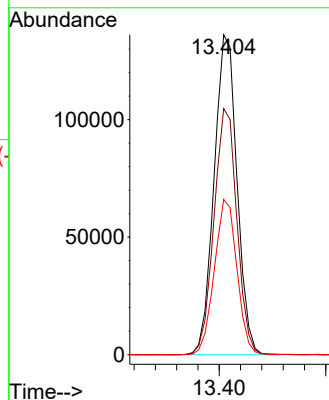
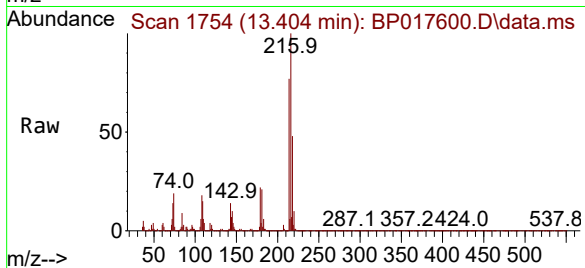
Tgt Ion:216 Resp: 203003

Ion Ratio Lower Upper

216 100

214 76.9 63.4 95.0

218 48.5 38.0 57.0



#76

Pentachlorobenzene

Concen: 23.097 ng/uL

RT: 14.922 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

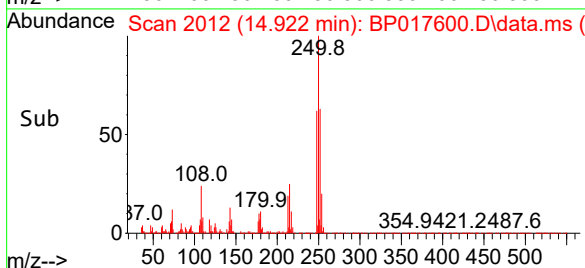
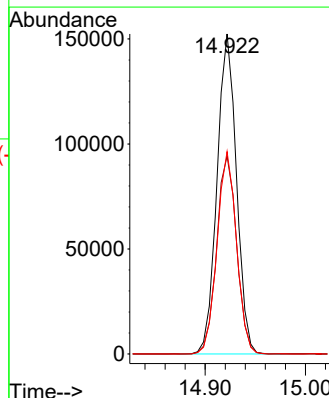
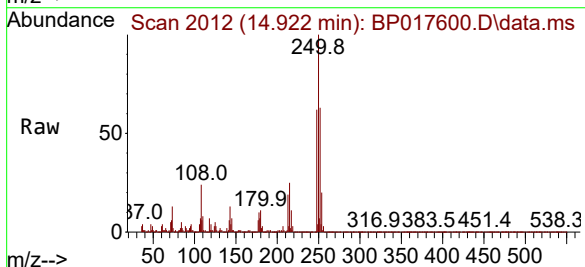
Tgt Ion:250 Resp: 204296

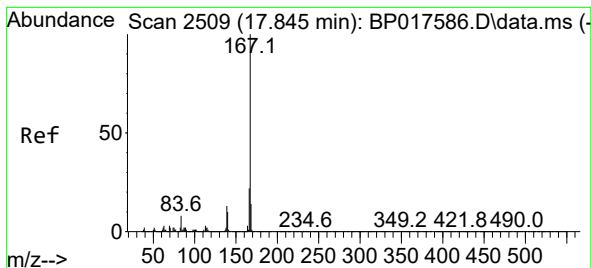
Ion Ratio Lower Upper

250 100

248 61.8 49.1 73.7

252 63.3 51.4 77.2





#77

Carbazole

Concen: 23.286 ng/ul

RT: 17.845 min Scan# 2509

Delta R.T. -0.000 min

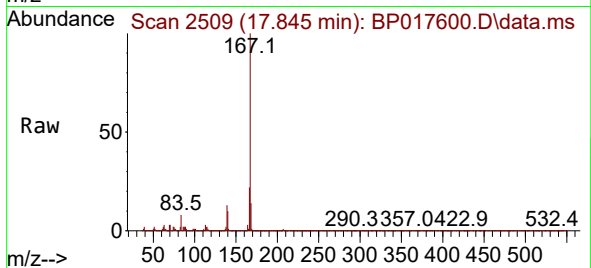
Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :



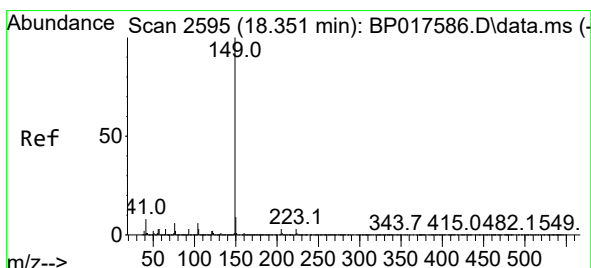
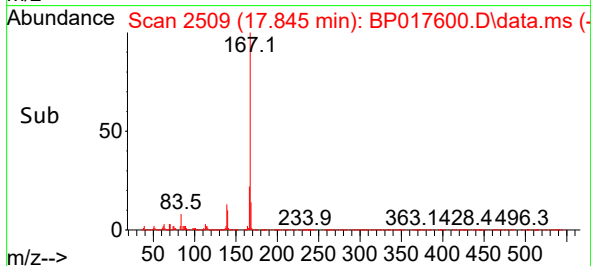
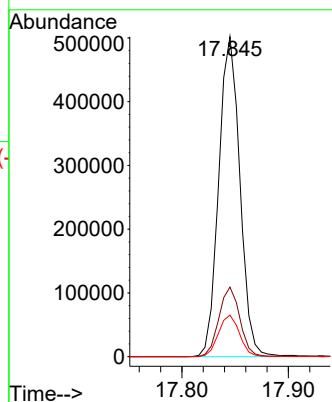
Tgt Ion:167 Resp: 691424

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.0 9.8 14.6



#78

Di-n-butylphthalate

Concen: 22.448 ng/ul

RT: 18.357 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

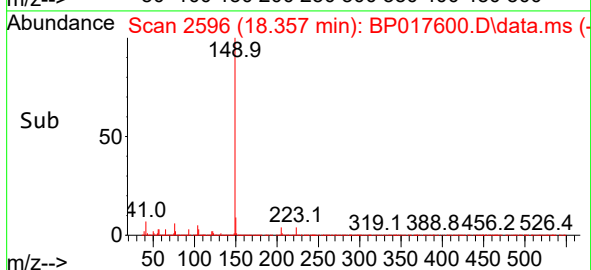
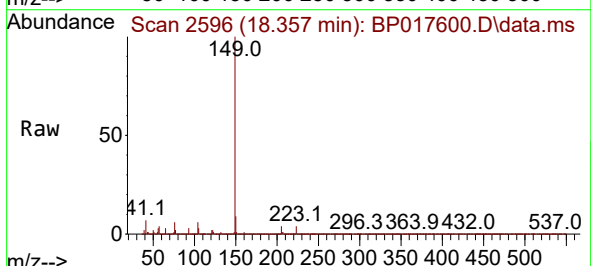
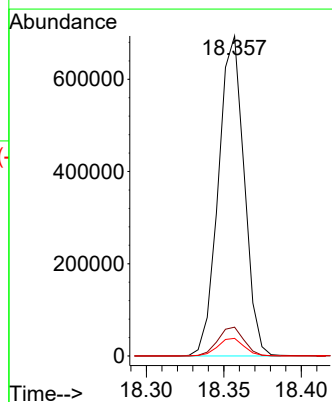
Tgt Ion:149 Resp: 803357

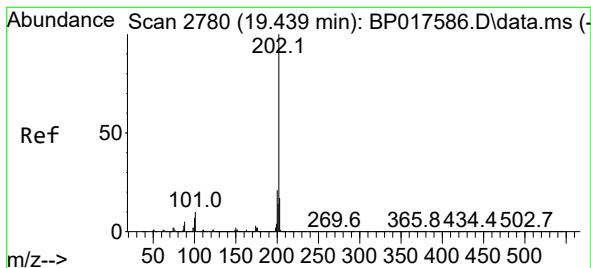
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.5 4.3 6.5





#80

Fluoranthene

Concen: 22.446 ng/ul

RT: 19.439 min Scan# 21

Delta R.T. -0.000 min

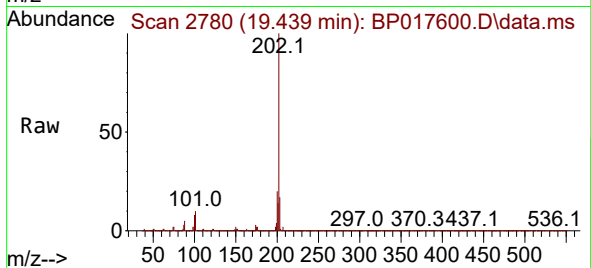
Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :



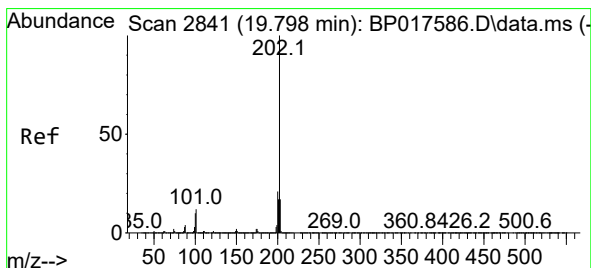
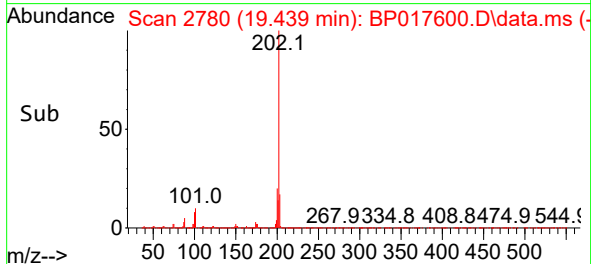
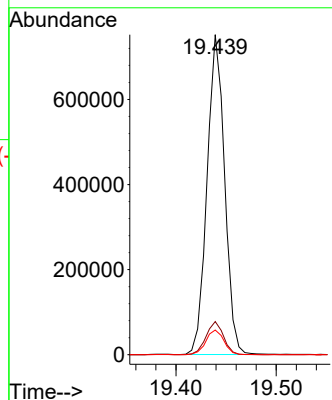
Tgt Ion:202 Resp: 920170

Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

100 7.7 5.9 8.9



#82

Pyrene

Concen: 22.272 ng/ul

RT: 19.798 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

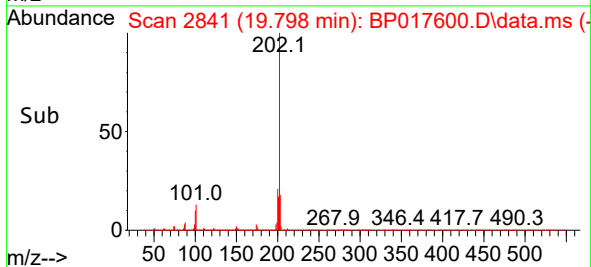
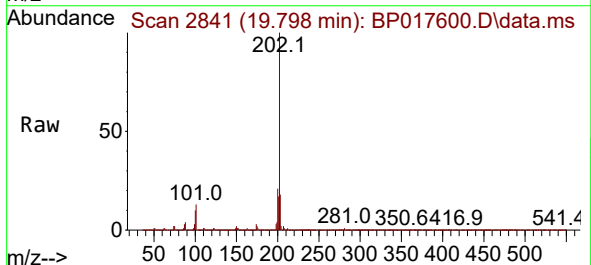
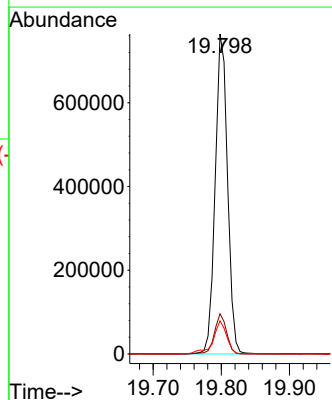
Tgt Ion:202 Resp: 963362

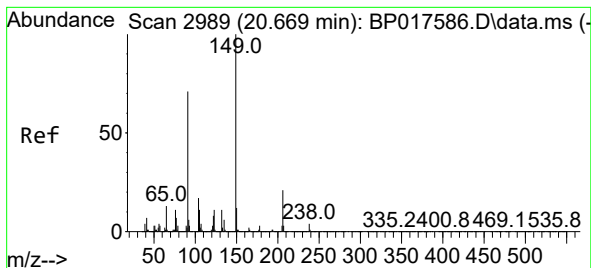
Ion Ratio Lower Upper

202 100

101 12.6 9.7 14.5

100 10.3 8.1 12.1





#83

Butylbenzylphthalate

Concen: 21.776 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

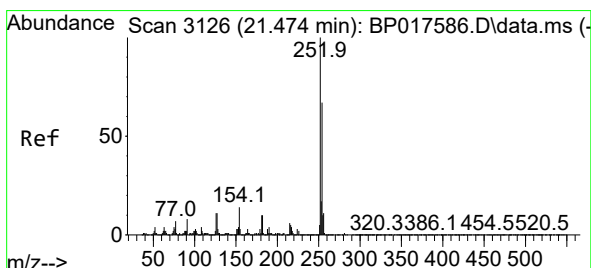
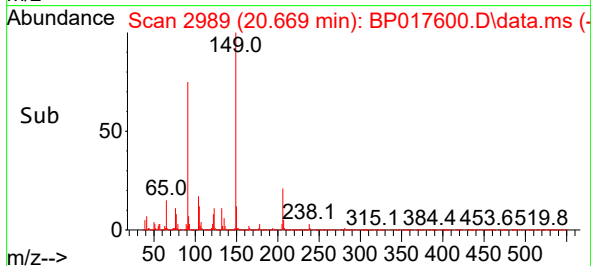
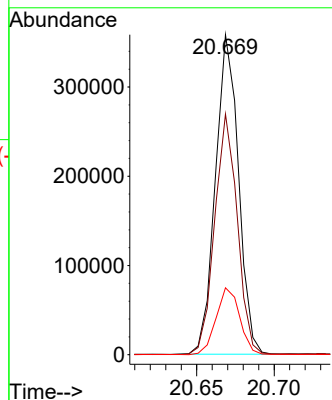
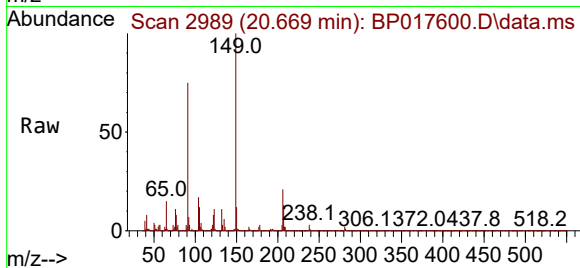
Tgt Ion:149 Resp: 369912

Ion Ratio Lower Upper

149 100

91 75.2 55.8 83.8

206 20.9 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 21.327 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

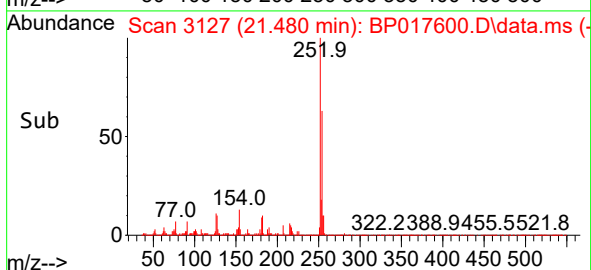
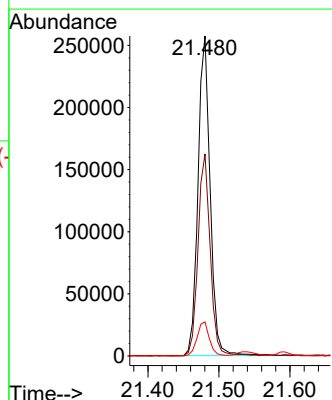
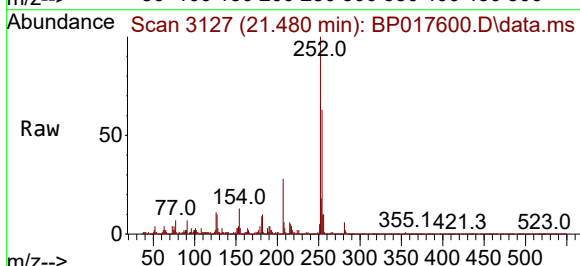
Tgt Ion:252 Resp: 306896

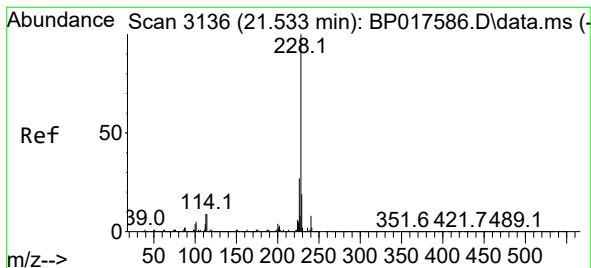
Ion Ratio Lower Upper

252 100

254 63.1 52.0 78.0

126 10.6 8.6 12.8





#85

Benzo(a)anthracene

Concen: 23.240 ng/ul

RT: 21.539 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

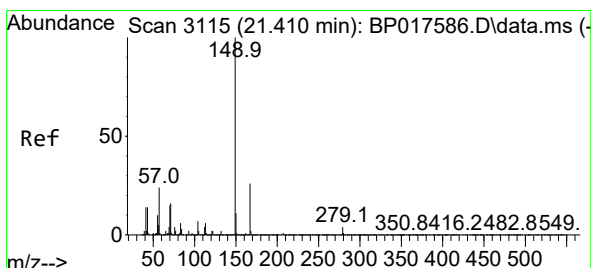
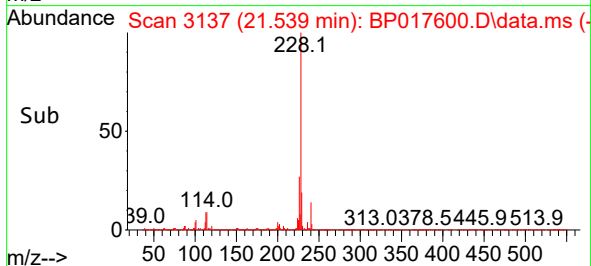
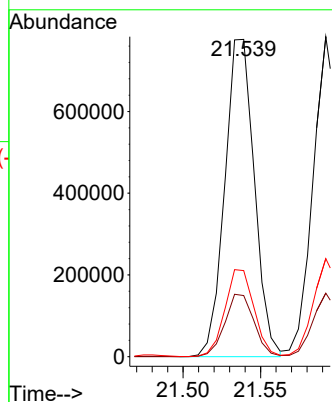
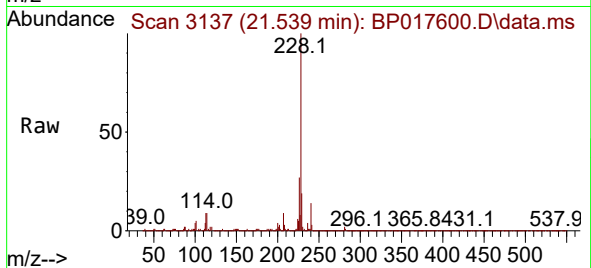
Tgt Ion:228 Resp: 1031126

Ion Ratio Lower Upper

228 100

229 19.3 15.6 23.4

226 27.1 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.448 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

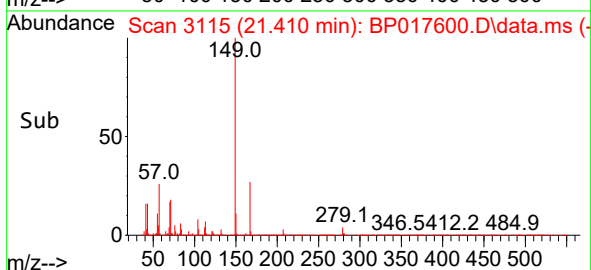
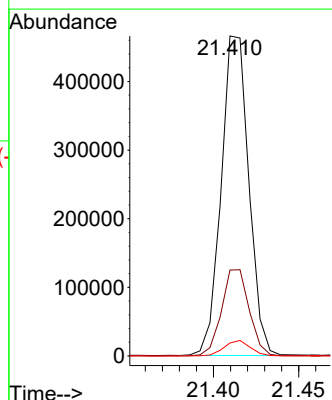
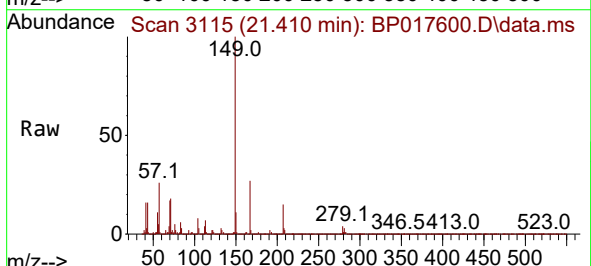
Tgt Ion:149 Resp: 525156

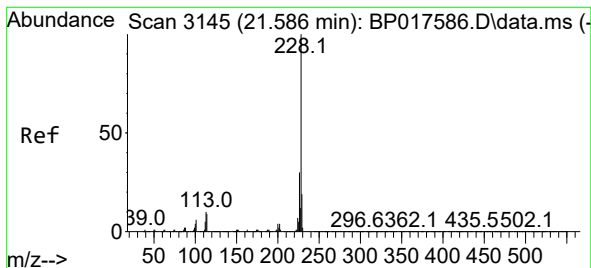
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.1 3.4 5.0





#87

Chrysene

Concen: 23.057 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

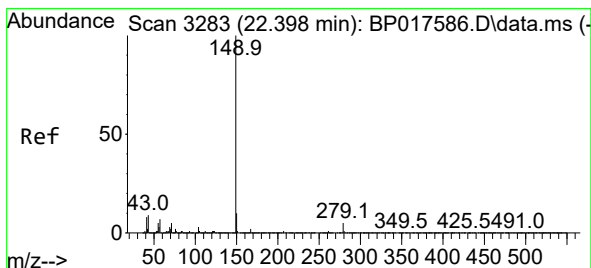
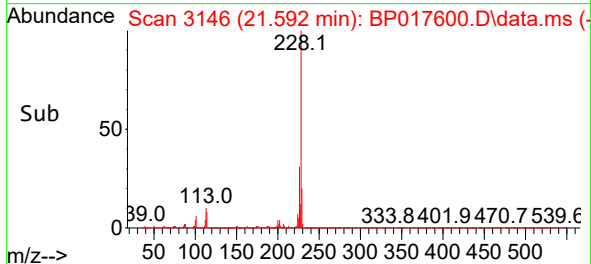
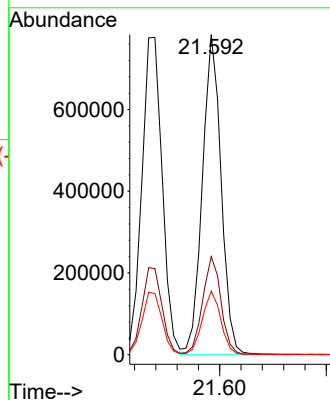
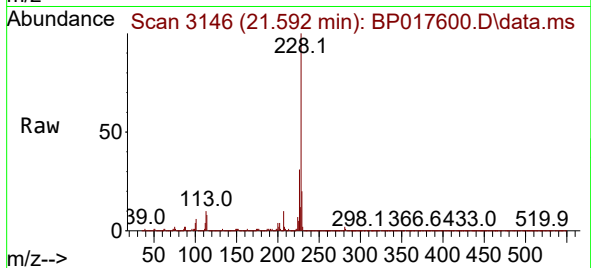
Tgt Ion:228 Resp: 956245

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.9 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 21.097 ng/ul

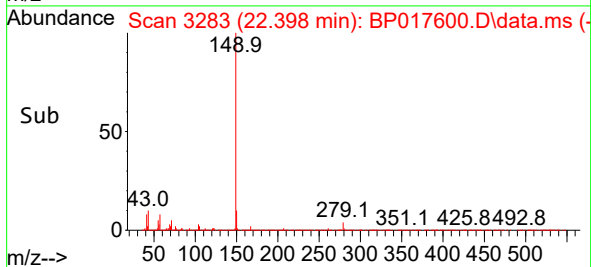
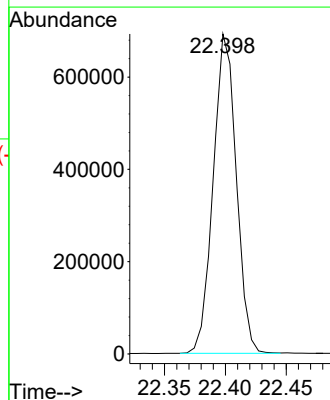
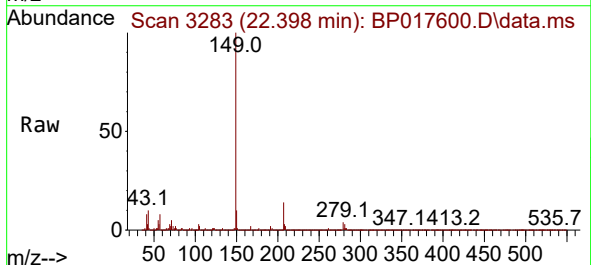
RT: 22.398 min Scan# 3283

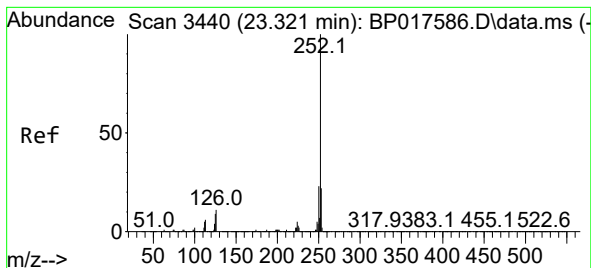
Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Tgt Ion:149 Resp: 913826





#90

Benzo(b)fluoranthene

Concen: 23.175 ng/ul

RT: 23.327 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

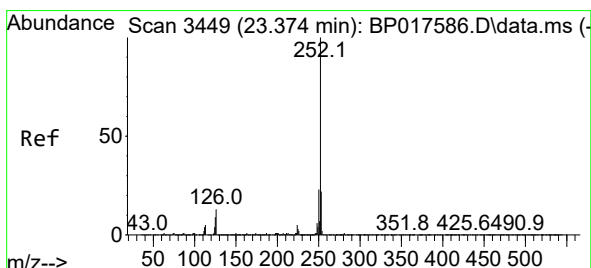
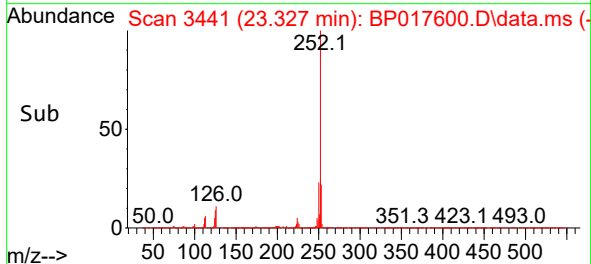
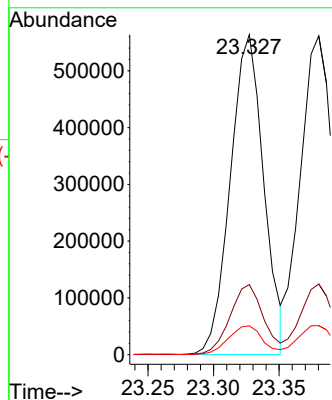
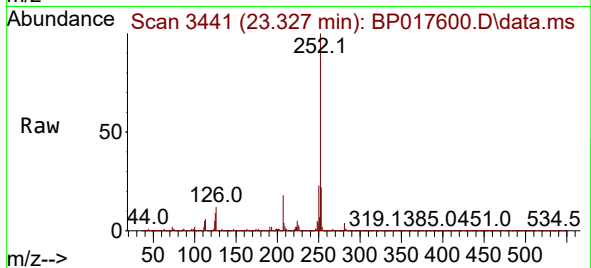
Tgt Ion:252 Resp: 996141

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 9.0 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 23.346 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

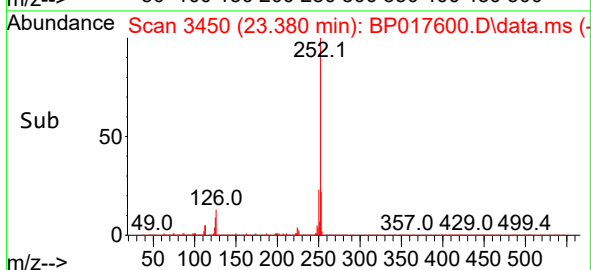
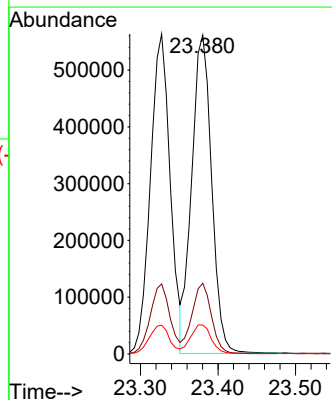
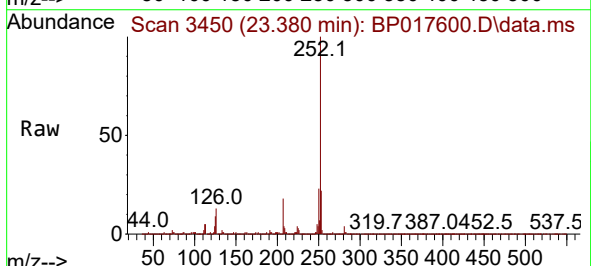
Tgt Ion:252 Resp: 1000502

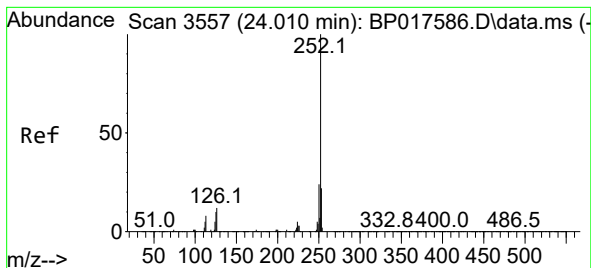
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 23.134 ng/ul

RT: 24.010 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

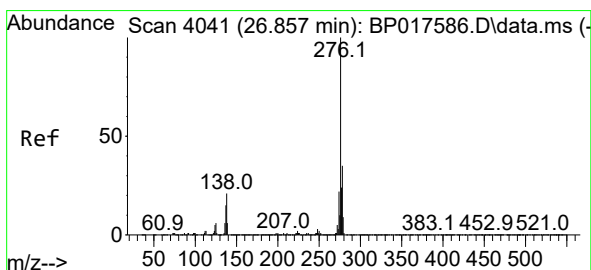
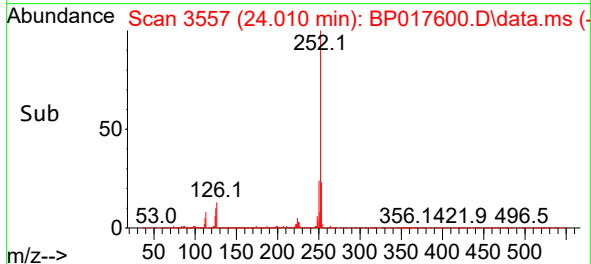
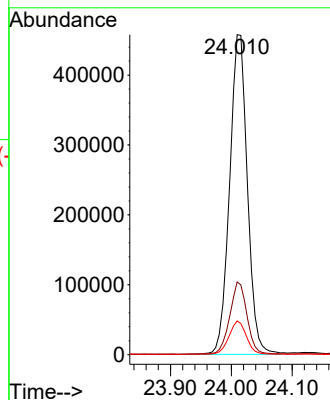
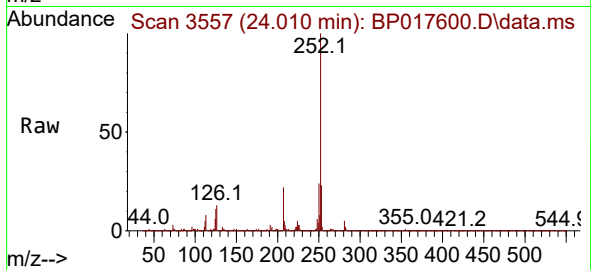
Tgt Ion:252 Resp: 929617

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 10.5 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.652 ng/ul

RT: 26.868 min Scan# 4043

Delta R.T. 0.012 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

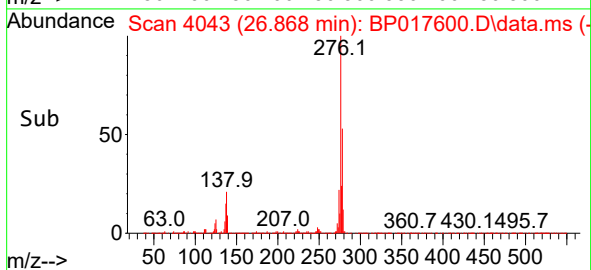
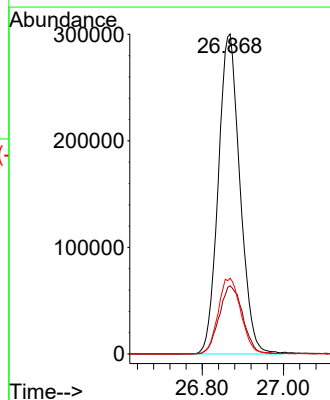
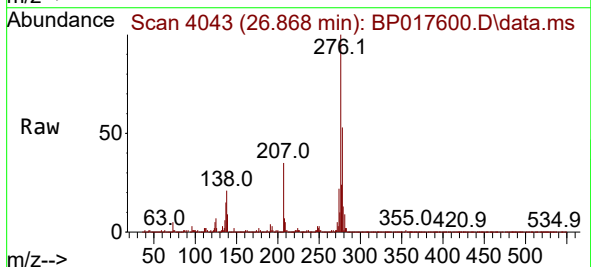
Tgt Ion:276 Resp: 1112770

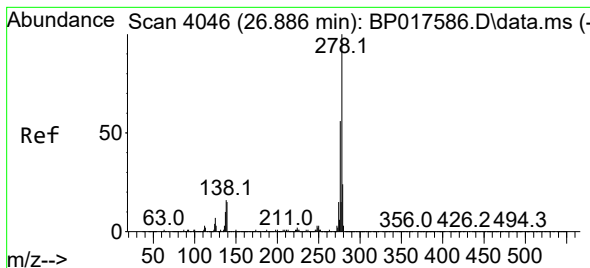
Ion Ratio Lower Upper

276 100

138 21.3 16.6 24.8

277 23.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 22.310 ng/ul

RT: 26.892 min Scan# 4046

Delta R.T. 0.006 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Instrument :

BNA_G

ClientSampleId :

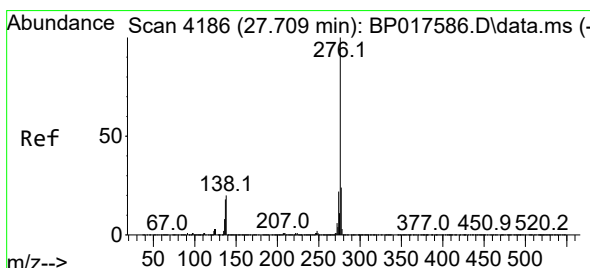
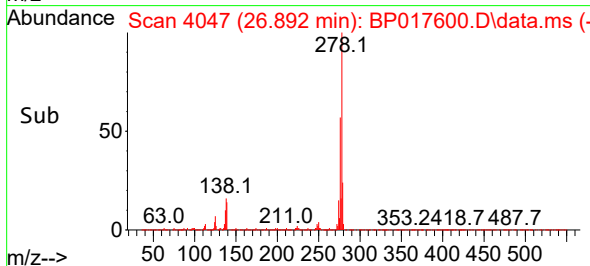
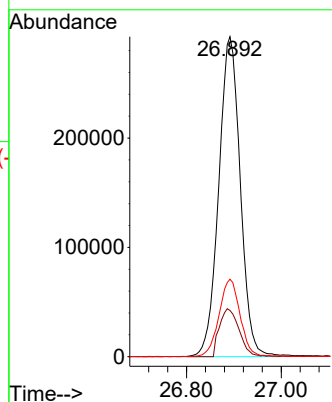
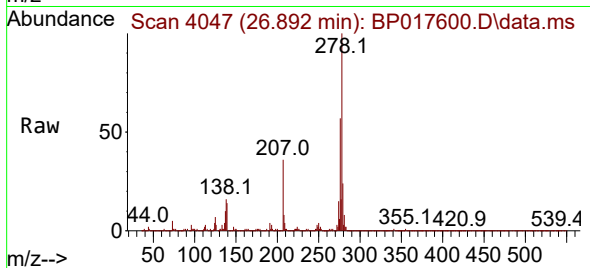
Tgt Ion:278 Resp: 923453

Ion Ratio Lower Upper

278 100

139 14.4 11.5 17.3

279 24.2 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 22.532 ng/ul

RT: 27.721 min Scan# 4188

Delta R.T. 0.012 min

Lab File: BP017600.D

Acq: 06 Oct 2023 14:12

Tgt Ion:276 Resp: 887923

Ion Ratio Lower Upper

276 100

138 20.1 16.1 24.1

277 23.7 18.7 28.1

