

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017598.D
 Acq On : 06 Oct 2023 12:30
 Operator : MA/JU
 Sample : PB155932BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 23:12:03 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	88081	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	375729	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	248544	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	557993	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	578805	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	620074	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	17529	7.956	ng/uL	0.00
4) Pyridine-d5	3.723	84	234730	40.704	ng/ul	0.00
7) Phenol-d5	7.087	99	315429	42.563	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	185451	41.010	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	246328	42.214	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	249668	42.083	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	118973	41.159	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	137172	42.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	256311	42.407	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	338147	39.273	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	786483	40.567	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	877605	41.052	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	138703	40.854	ng/ul	0.00
60) Fluorene-d10	15.634	176	679747	41.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	136235	39.163	ng/ul	0.00
73) Anthracene-d10	17.516	188	1090294	42.212	ng/ul	0.00
81) Pyrene-d10	19.769	212	1364094	42.413	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1371129	43.816	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	37272	16.457	ng/uL	99
5) Pyridine	3.740	79	246437	40.695	ng/ul	96
6) Benzaldehyde	7.093	77	169607	45.398	ng/ul	98
8) Phenol	7.117	94	342150	46.095	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	268044	44.599	ng/ul	99
12) 2-Chlorophenol	7.487	128	272509	46.142	ng/ul	98
13) 2-Methylphenol	8.387	108	252550	45.400	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	228260	28.844	ng/ul	99
16) Acetophenone	8.793	105	421298	45.027	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	216828	45.165	ng/ul	98
18) 4-Methylphenol	8.722	108	280534	46.605	ng/ul	99
19) Hexachloroethane	8.999	117	112986	43.099	ng/ul	98
22) Nitrobenzene	9.187	77	330575	44.462	ng/ul	100
23) Isophorone	9.699	82	604728	44.331	ng/ul	97
25) 2-Nitrophenol	9.893	139	158650	45.861	ng/ul	99
26) 2,4-Dimethylphenol	9.934	107	259791	37.877	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	367046	44.009	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	272429	46.421	ng/ul	96
30) Naphthalene	10.822	128	873745	43.585	ng/ul	99
32) 4-Chloroaniline	10.963	127	300782	36.598	ng/ul	99
33) Hexachlorobutadiene	11.046	225	184116	43.200	ng/ul	98
34) Caprolactam	11.799	113	86914	47.723	ng/ul	97
35) 4-Chloro-3-methylphenol	12.075	107	298737	48.232	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	615706	44.948	ng/ul	98

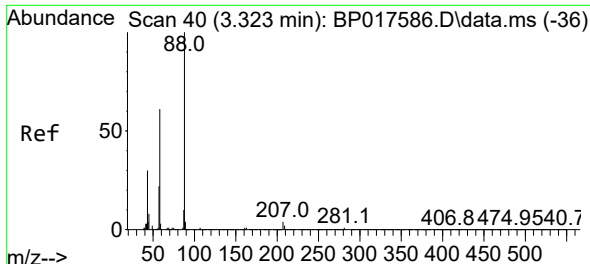
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	607769	43.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	347139	42.630	ng/ul	100
40) Hexachlorocyclopentadiene	12.728	237	146879	31.980	ng/ul	97
41) 2,4,6-Trichlorophenol	13.051	196	220871	42.561	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	245957	45.012	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	829384	43.592	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	664954	43.958	ng/ul	99
45) 2-Nitroaniline	13.746	65	200238	47.637	ng/ul	99
47) Dimethylphthalate	14.093	163	859006	44.083	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	172346	47.464	ng/ul	98
50) Acenaphthylene	14.351	152	1077686	43.591	ng/ul	100
51) 3-Nitroaniline	14.587	138	176398	50.960	ng/ul	95
52) Acenaphthene	14.693	153	719656	44.100	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	83156	38.688	ng/ul	94
55) 4-Nitrophenol	14.881	109	133139	43.671	ng/ul	99
56) Dibenzofuran	15.034	168	1025401	44.647	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	260365	48.042	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	207976	43.003	ng/ul	98
59) Diethylphthalate	15.451	149	882171	45.135	ng/ul	99
61) Fluorene	15.687	166	848068	44.710	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	433048	44.566	ng/ul	98
63) 4-Nitroaniline	15.763	138	183754	56.479	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.787	198	155727	41.844	ng/ul	97
67) N-Nitrosodiphenylamine	15.910	169	713382	45.658	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	271811	45.949	ng/ul	96
69) Hexachlorobenzene	16.669	284	321047	46.085	ng/ul	98
70) Atrazine	16.875	200	151897	25.128	ng/ul	99
71) Pentachlorophenol	17.040	266	172069	40.801	ng/ul	96
72) Phenanthrene	17.457	178	1383050	46.053	ng/ul	100
74) Anthracene	17.551	178	1386801	45.307	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	255851	31.019	ng/ul	99
76) Pentachlorobenzene	14.922	250	343570	41.961	ng/ul	98
77) Carbazole	17.845	167	1281858	46.637	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1542865	46.573	ng/ul	99
80) Fluoranthene	19.439	202	1739631	46.430	ng/ul	99
82) Pyrene	19.798	202	1800992	45.557	ng/ul	98
83) Butylbenzylphthalate	20.669	149	730214	47.034	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	581486	44.215	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1861385	45.903	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1047931	46.829	ng/ul	99
87) Chrysene	21.592	228	1743899	46.008	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1811165	46.172	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1806013	46.397	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1840139	47.415	ng/ul	99
93) Benzo(a)pyrene	24.016	252	1672654	45.965	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.863	276	2042495	45.913	ng/ul	100
95) Dibenzo(a,h)anthracene	26.892	278	1712491	45.685	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	1642922	46.038	ng/ul	99

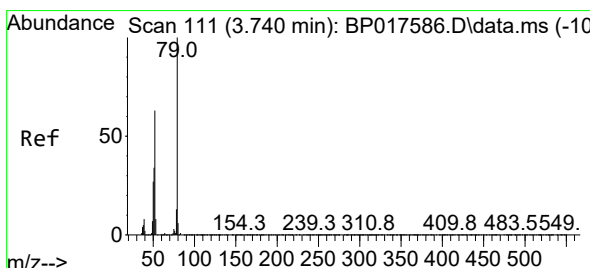
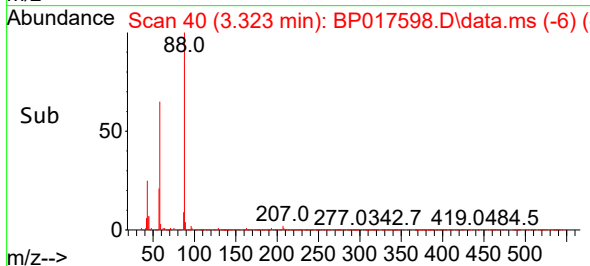
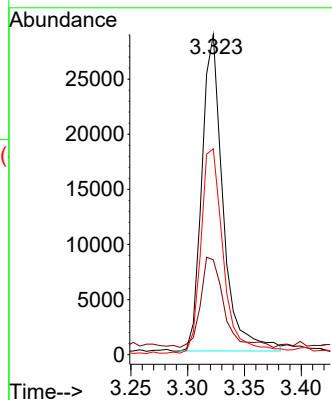
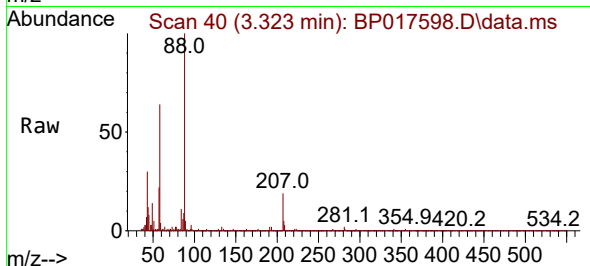
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#2
1,4-Dioxane
Concen: 16.457 ng/uL
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP017598.D
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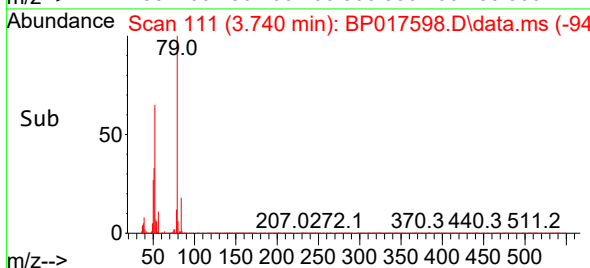
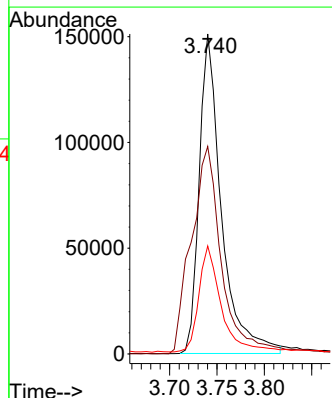
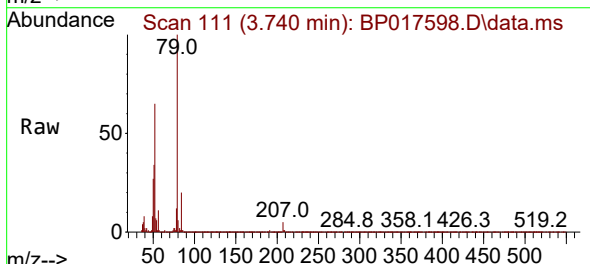
Instrument :
BNA_G
ClientSampleId :

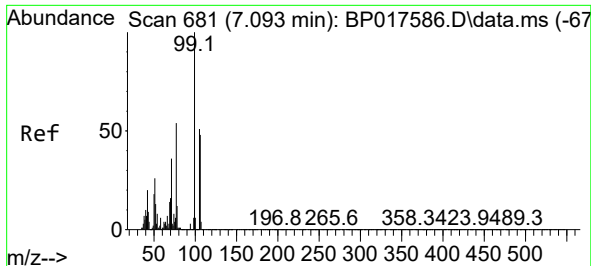
Tgt Ion: 88 Resp: 37272
Ion Ratio Lower Upper
88 100
43 29.6 22.6 34.0
58 64.3 51.4 77.2



#5
Pyridine
Concen: 40.695 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion: 79 Resp: 246437
Ion Ratio Lower Upper
79 100
52 64.9 52.6 78.8
51 33.8 31.7 47.5

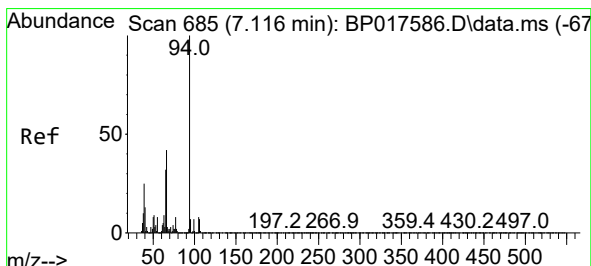
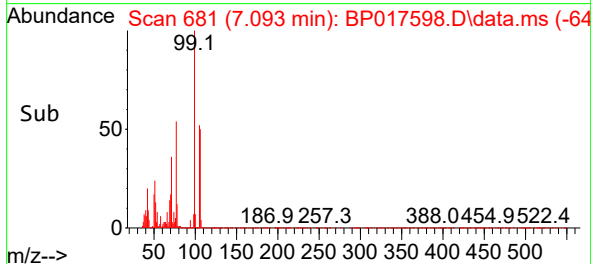
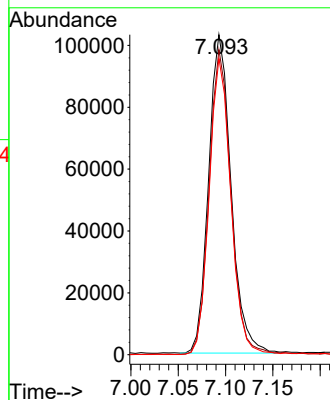
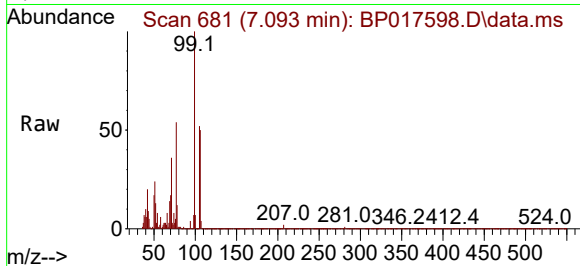




#6
Benzaldehyde
Concen: 45.398 ng/ul
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

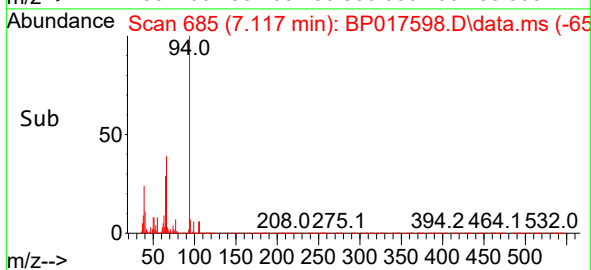
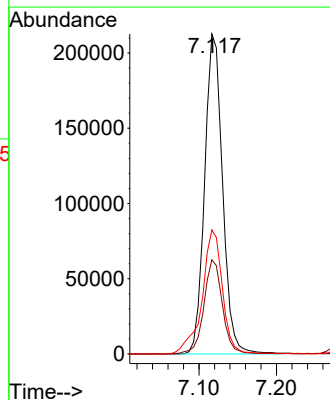
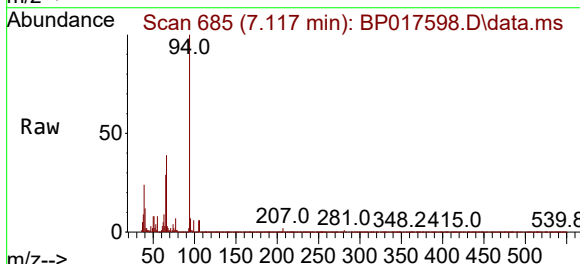
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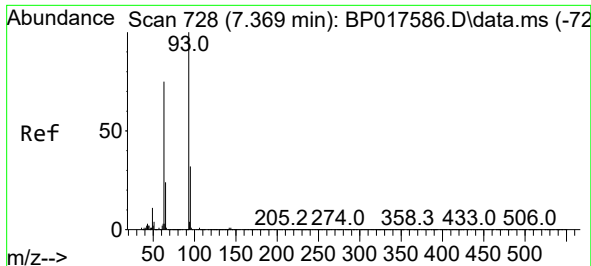
Tgt Ion: 77 Resp: 169607
Ion Ratio Lower Upper
77 100
105 95.4 74.6 112.0
106 92.5 72.8 109.2



#8
Phenol
Concen: 46.095 ng/ul
RT: 7.117 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion: 94 Resp: 342150
Ion Ratio Lower Upper
94 100
65 29.5 23.5 35.3
66 38.8 32.3 48.5

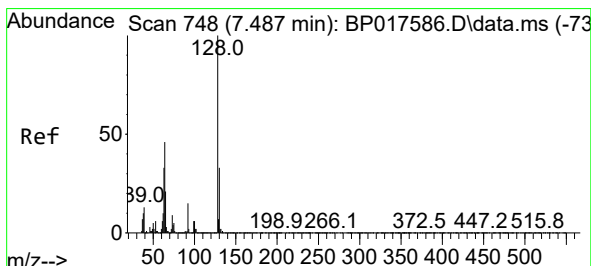
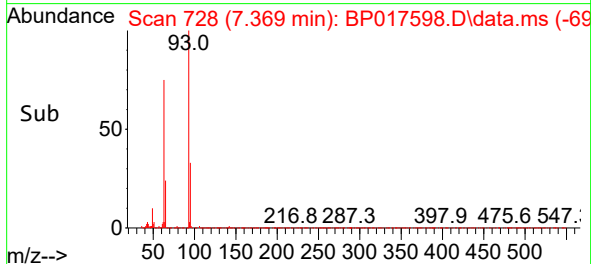
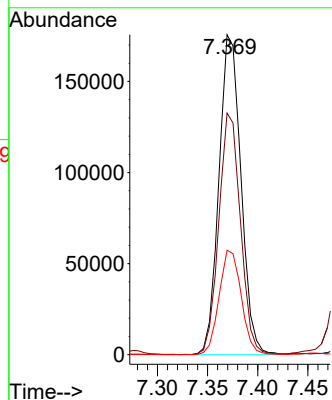
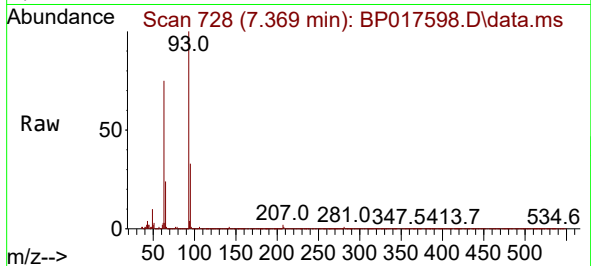




#10
 Bis(2-Chloroethyl)ether
 Concen: 44.599 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BP017598.D
 Acq: 06 Oct 2023 12:30

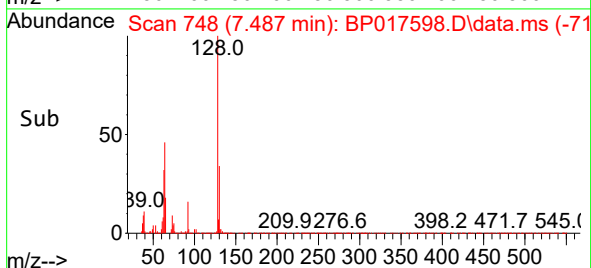
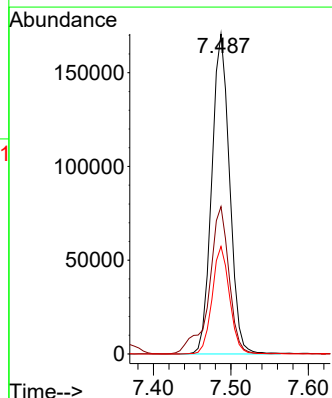
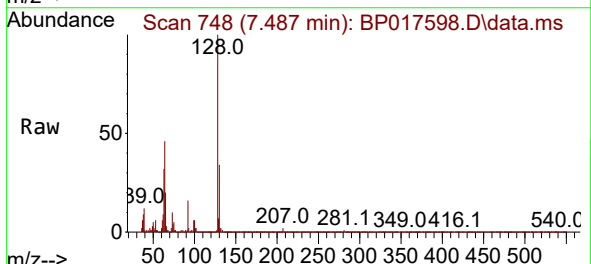
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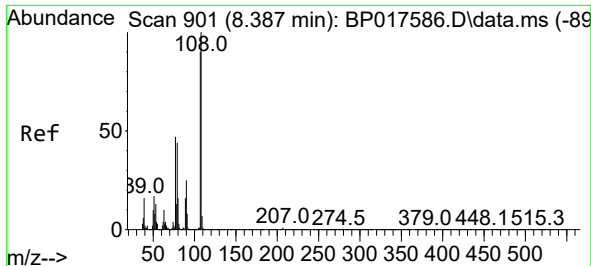
Tgt Ion: 93 Resp: 268044
 Ion Ratio Lower Upper
 93 100
 63 75.5 60.0 90.0
 95 32.7 25.9 38.9



#12
 2-Chlorophenol
 Concen: 46.142 ng/ul
 RT: 7.487 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: BP017598.D
 Acq: 06 Oct 2023 12:30

Tgt Ion: 128 Resp: 272509
 Ion Ratio Lower Upper
 128 100
 64 46.1 36.7 55.1
 130 33.6 25.4 38.0





#13

2-Methylphenol

Concen: 45.400 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

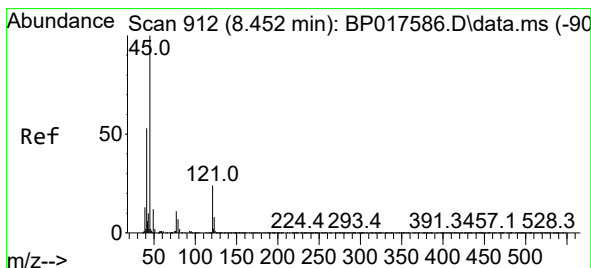
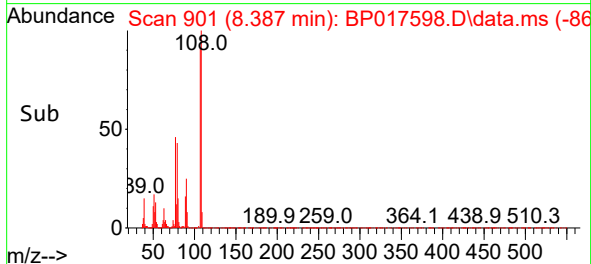
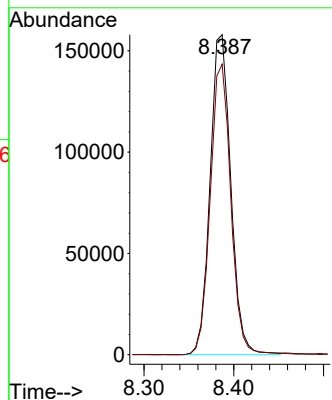
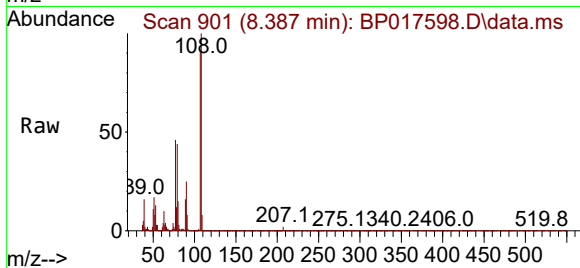
ClientSampleId :

Tgt Ion:108 Resp: 252550

Ion Ratio Lower Upper

108 100

107 90.8 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.844 ng/ul

RT: 8.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

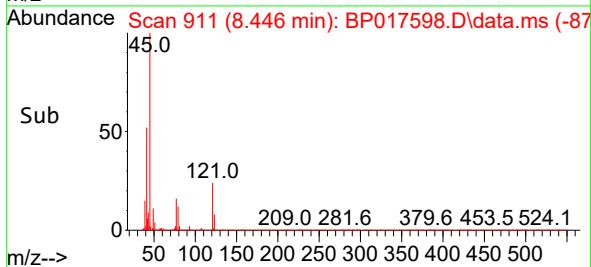
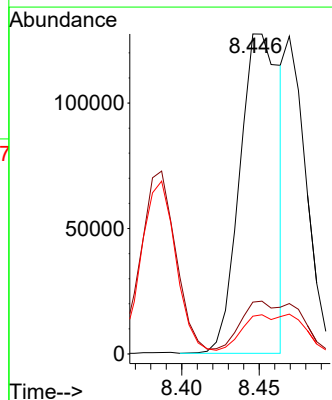
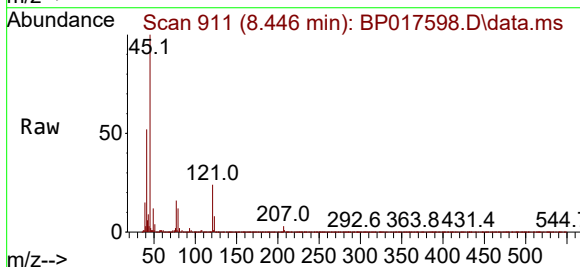
Tgt Ion: 45 Resp: 228260

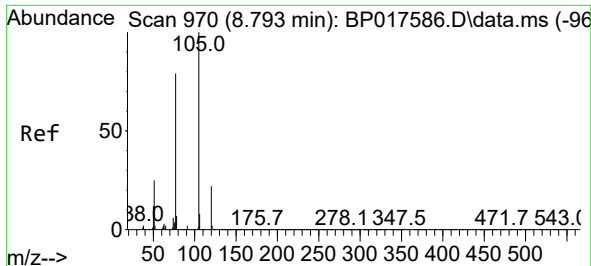
Ion Ratio Lower Upper

45 100

77 16.2 12.9 19.3

79 11.8 9.0 13.4

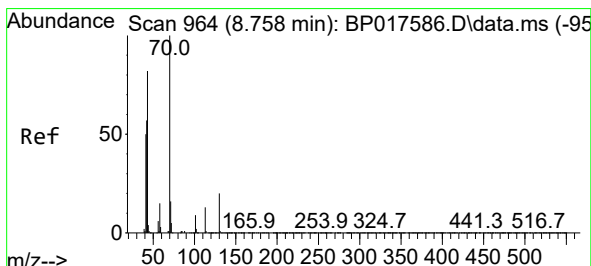
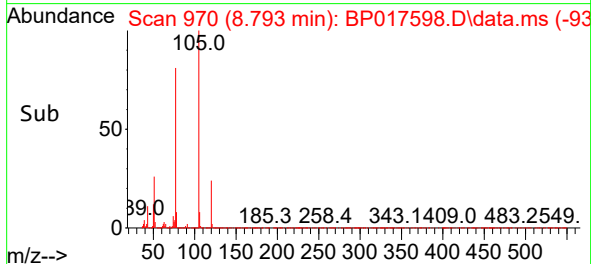
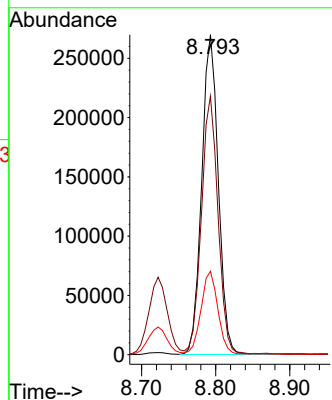
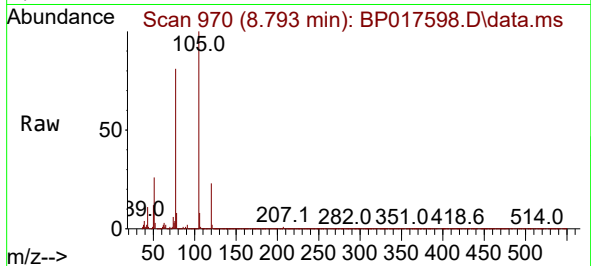




#16
Acetophenone
Concen: 45.027 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

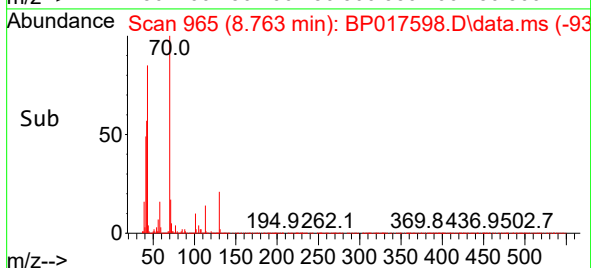
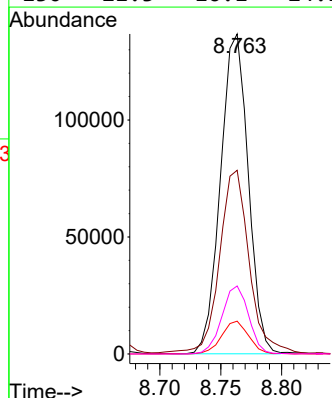
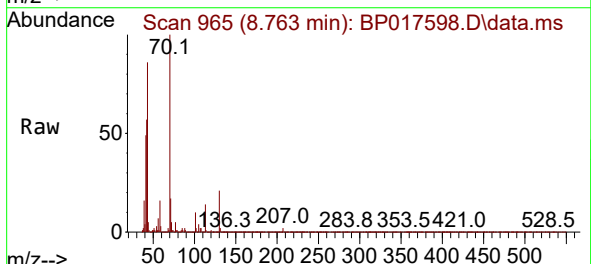
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BNA_G
ClientSampleId :

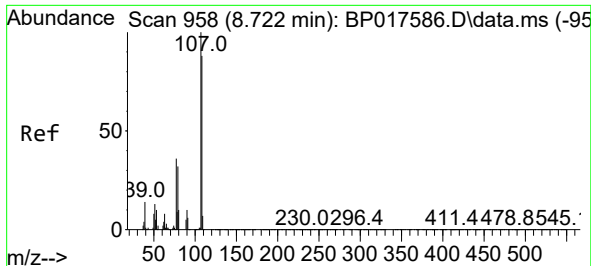
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Ion Ratio Lower Upper
105 100
77 80.8 63.5 95.3
51 26.1 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 45.165 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion: 70 Resp: 216828
Ion Ratio Lower Upper
70 100
42 57.4 44.9 67.3
101 10.3 7.7 11.5
130 21.3 16.1 24.1

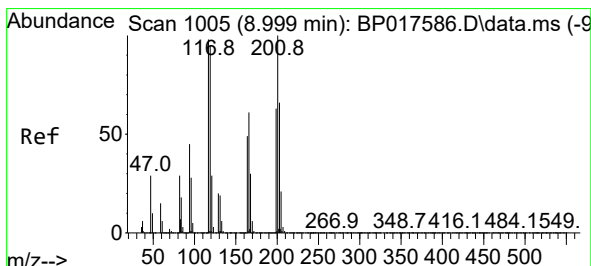
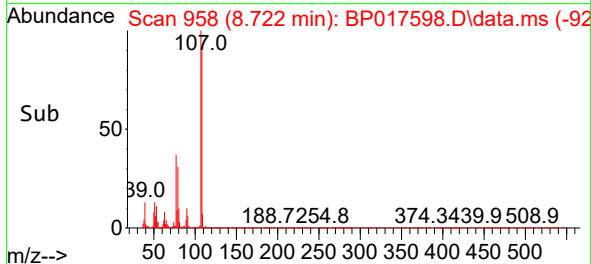
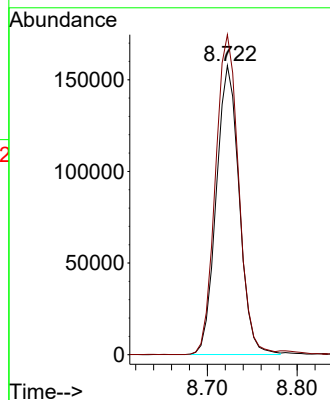
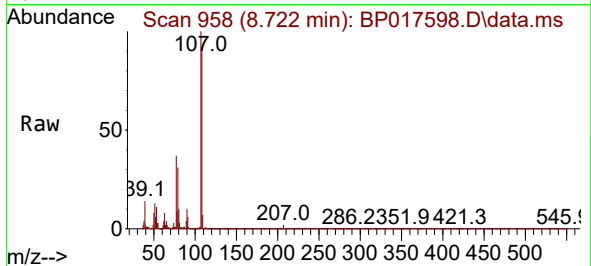




#18
4-Methylphenol
Concen: 46.605 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

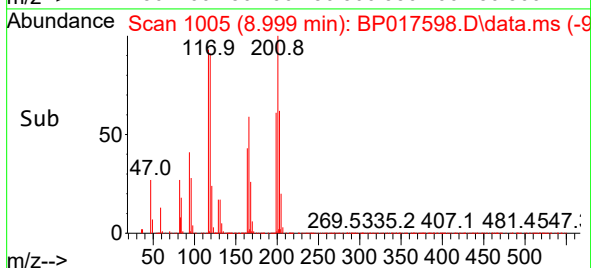
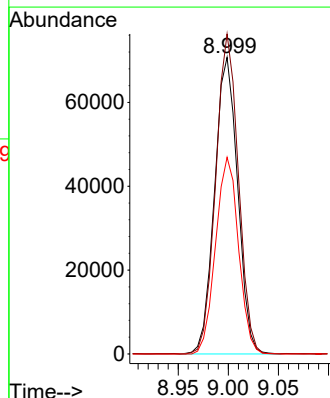
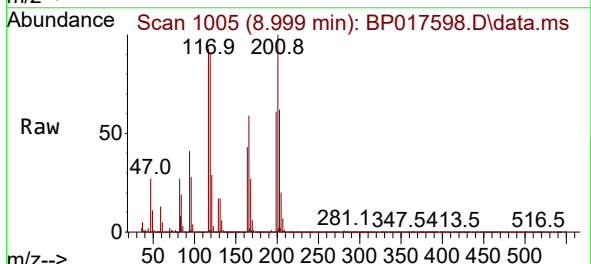
Instrument :
BNA_G
ClientSampleId :

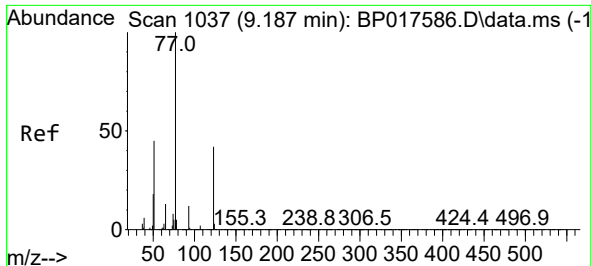
Tgt Ion:108 Resp: 280534
Ion Ratio Lower Upper
108 100
107 110.7 89.0 133.6



#19
Hexachloroethane
Concen: 43.099 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:117 Resp: 112986
Ion Ratio Lower Upper
117 100
201 107.9 83.2 124.8
199 66.3 52.8 79.2

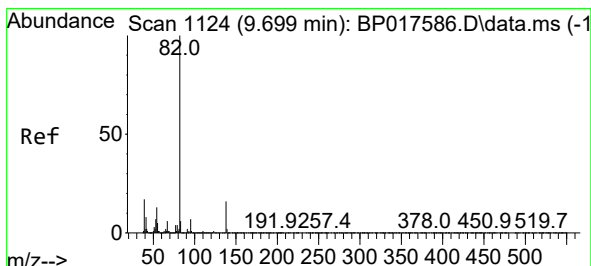
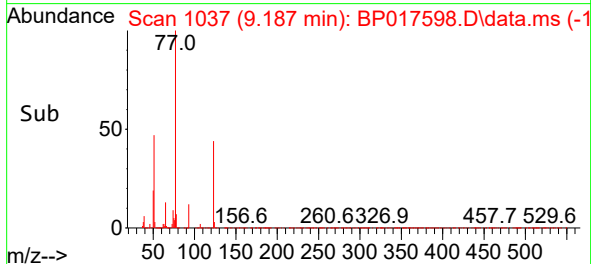
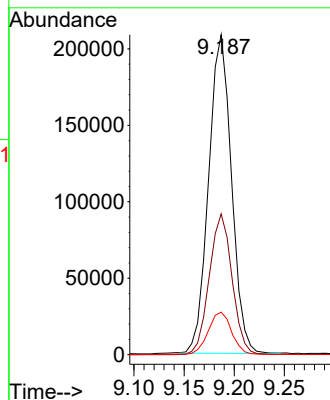
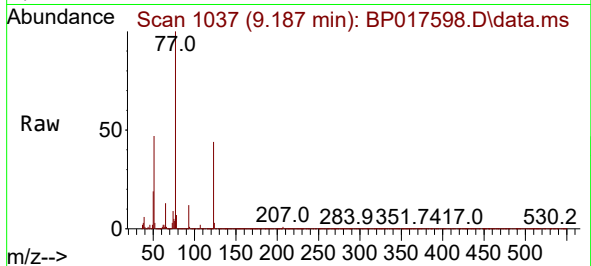




#22
Nitrobenzene
Concen: 44.462 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

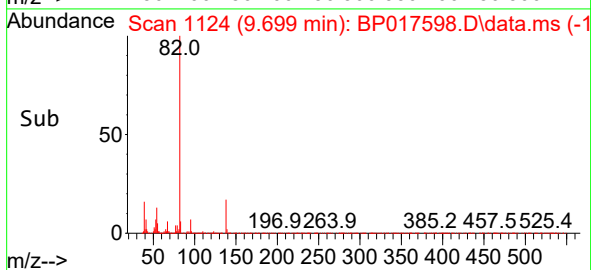
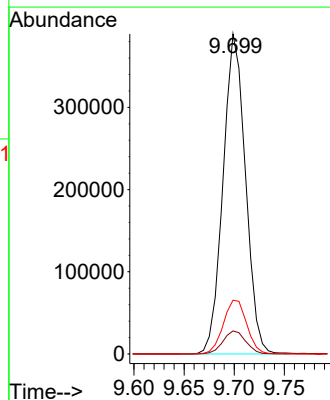
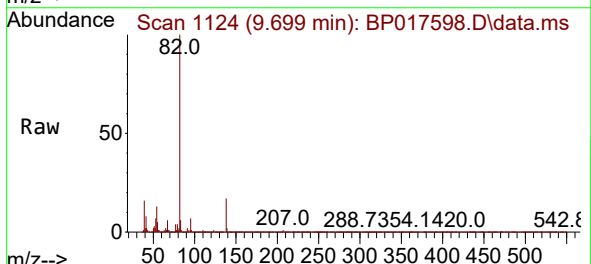
Instrument :
BNA_G
ClientSampleId :

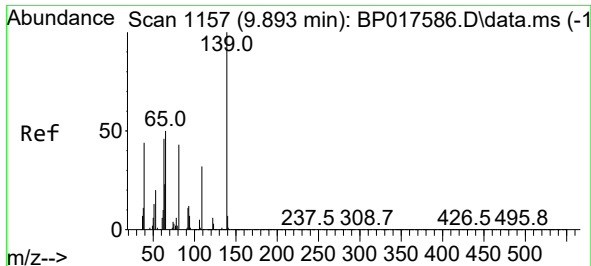
Tgt Ion: 77 Resp: 330575
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 13.3 11.0 16.4



#23
Isophorone
Concen: 44.331 ng/ul
RT: 9.699 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion: 82 Resp: 604728
Ion Ratio Lower Upper
82 100
95 7.2 6.3 9.5
138 16.8 14.6 21.8

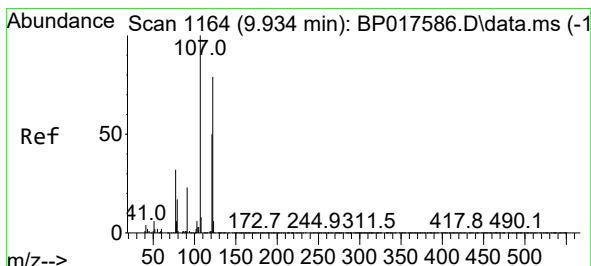
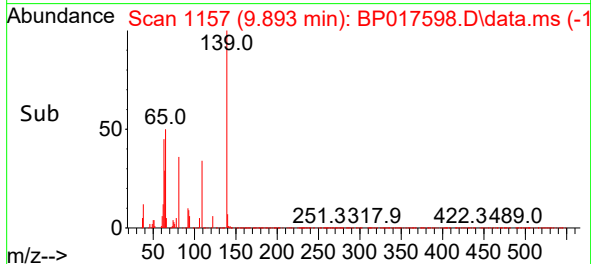
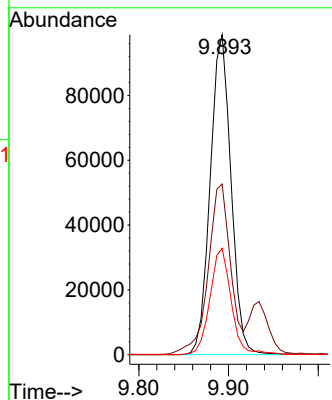
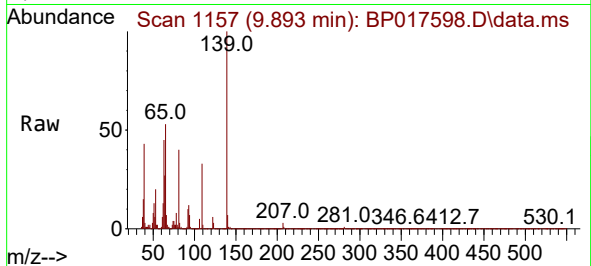




#25
2-Nitrophenol
Concen: 45.861 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

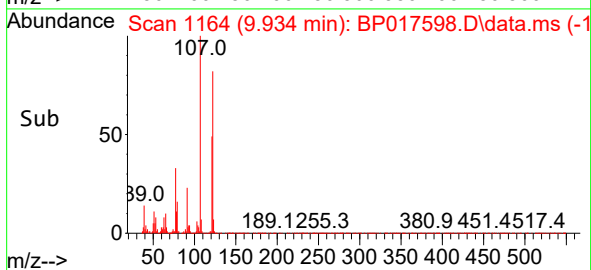
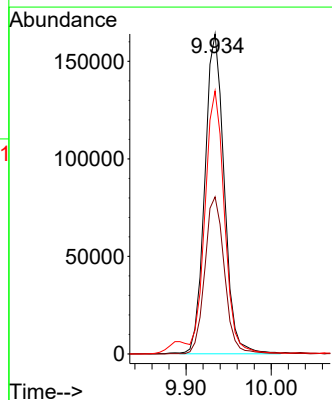
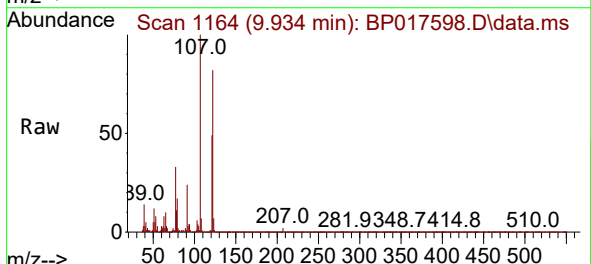
Instrument :
BNA_G
ClientSampleId :

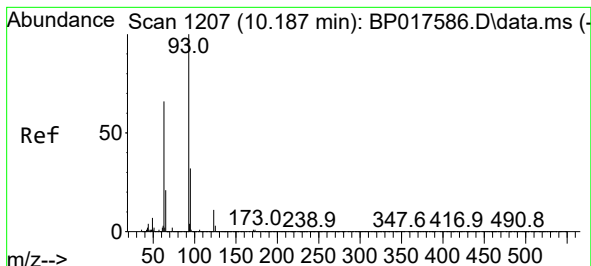
Tgt Ion:139 Resp: 158650
Ion Ratio Lower Upper
139 100
65 53.4 43.4 65.0
109 33.3 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 37.877 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:107 Resp: 259791
Ion Ratio Lower Upper
107 100
121 49.1 39.8 59.8
122 82.2 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 44.009 ng/ul

RT: 10.193 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

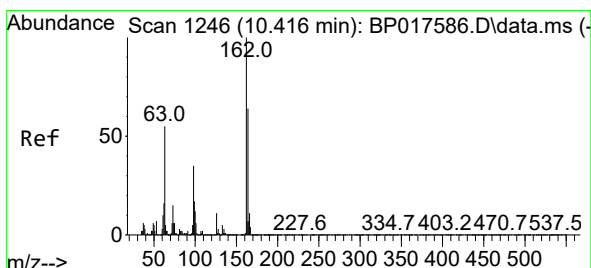
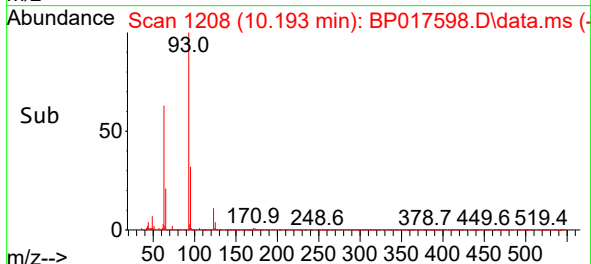
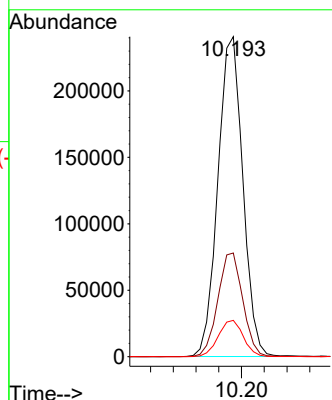
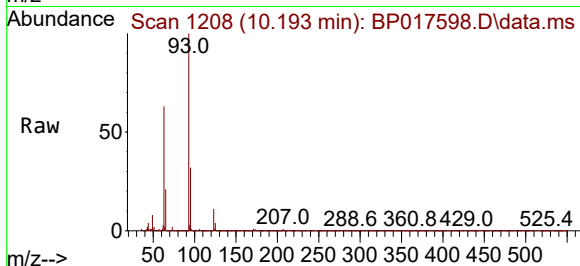
Tgt Ion: 93 Resp: 367046

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.3 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 46.421 ng/ul

RT: 10.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

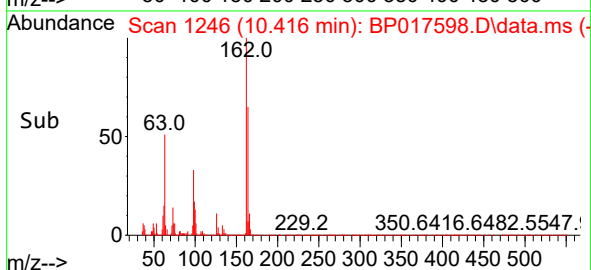
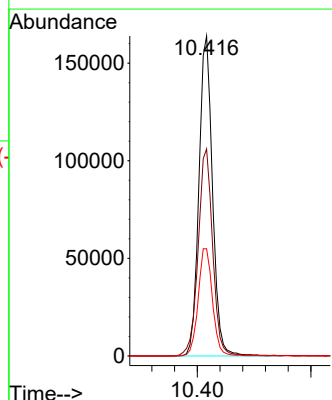
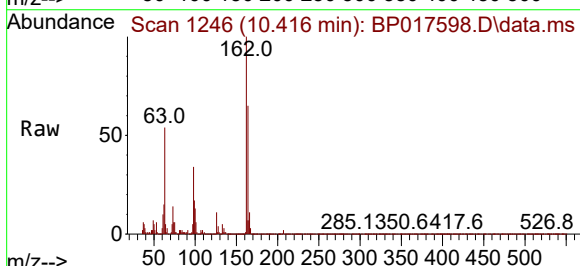
Tgt Ion:162 Resp: 272429

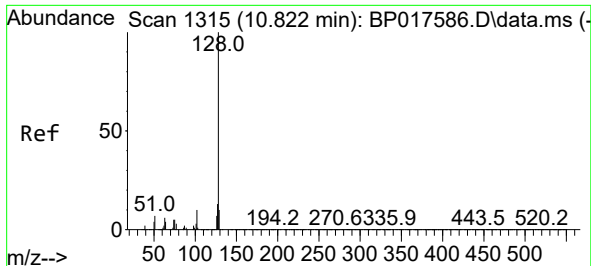
Ion Ratio Lower Upper

162 100

164 64.7 54.4 81.6

98 33.5 28.2 42.4

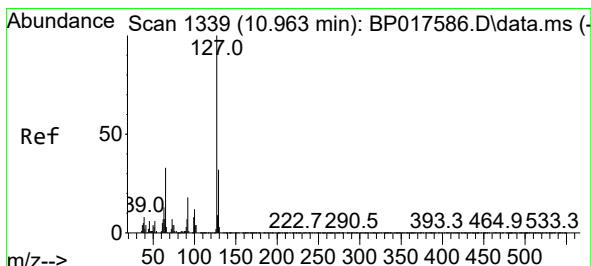
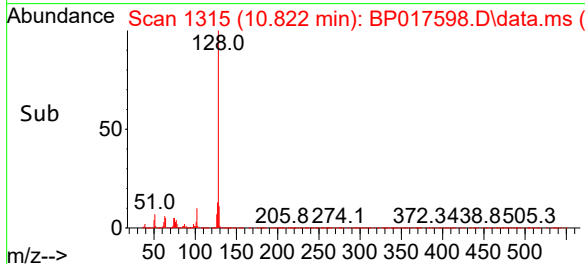
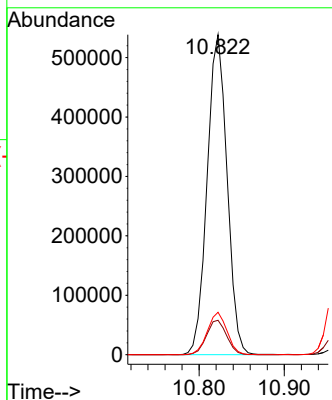
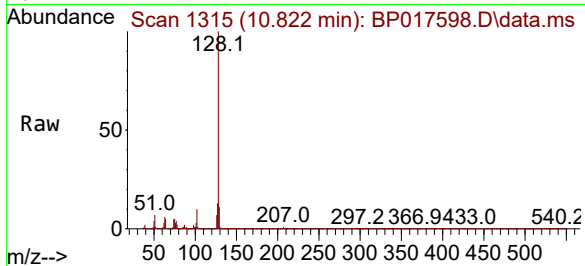




#30
Naphthalene
Concen: 43.585 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

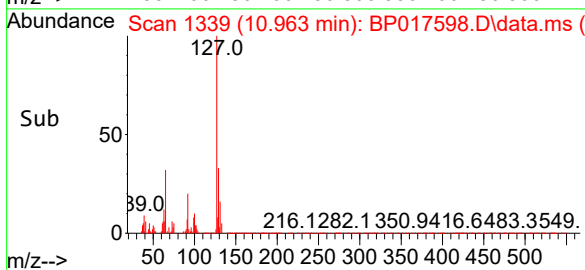
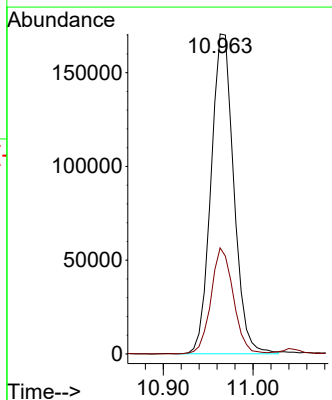
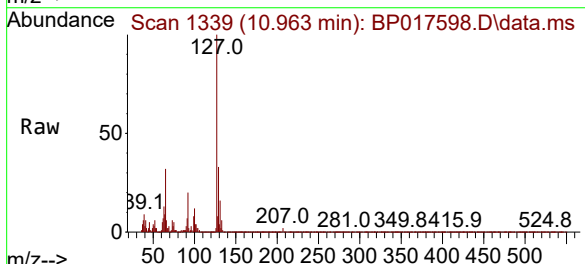
Instrument :
BNA_G
ClientSampleId :

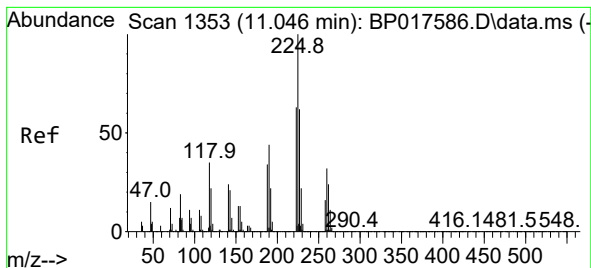
Tgt Ion:128 Resp: 873745
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.2 15.4



#32
4-Chloroaniline
Concen: 36.598 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:127 Resp: 300782
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.4





#33

Hexachlorobutadiene

Concen: 43.200 ng/ul

RT: 11.046 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

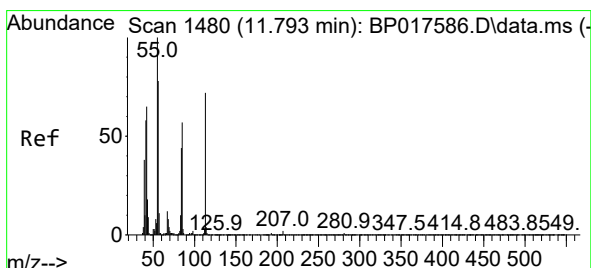
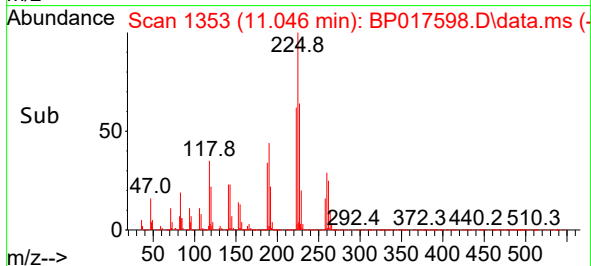
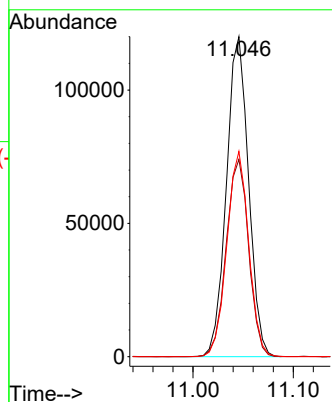
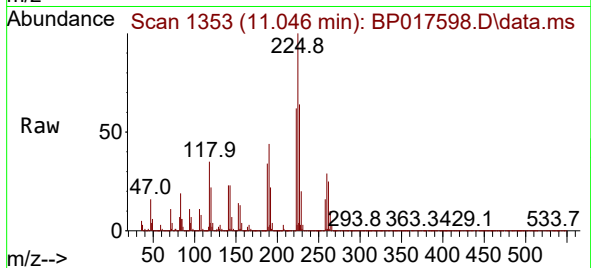
Tgt Ion:225 Resp: 184116

Ion Ratio Lower Upper

225 100

223 61.7 51.5 77.3

227 64.2 51.4 77.0



#34

Caprolactam

Concen: 47.723 ng/ul

RT: 11.799 min Scan# 1481

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

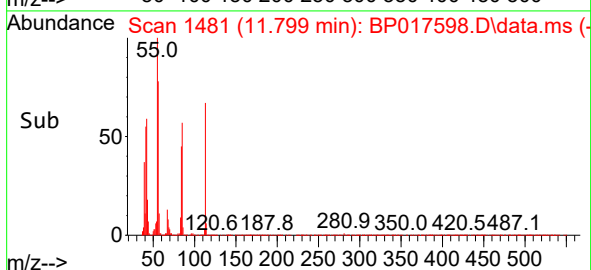
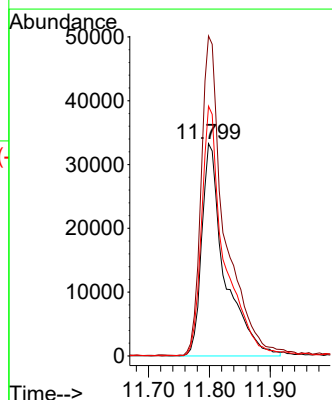
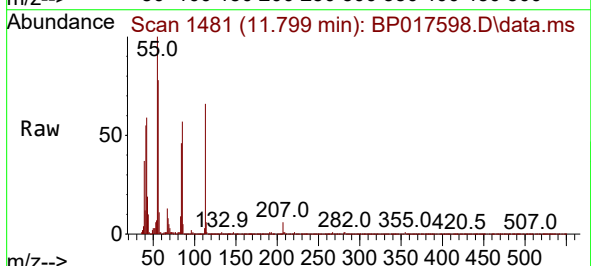
Tgt Ion:113 Resp: 86914

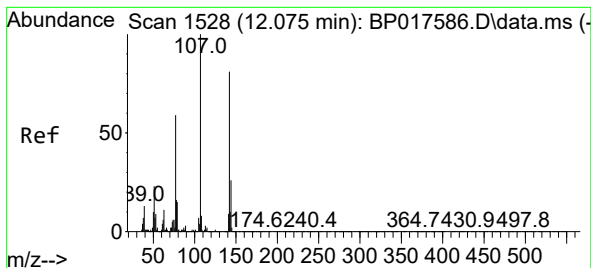
Ion Ratio Lower Upper

113 100

55 150.7 124.6 187.0

56 117.6 94.7 142.1

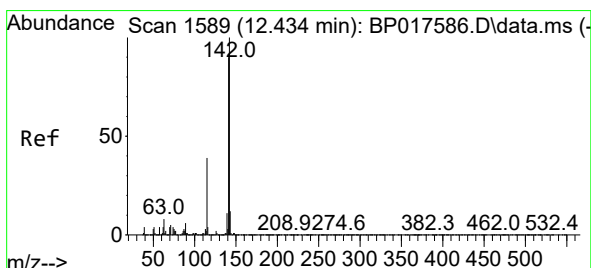
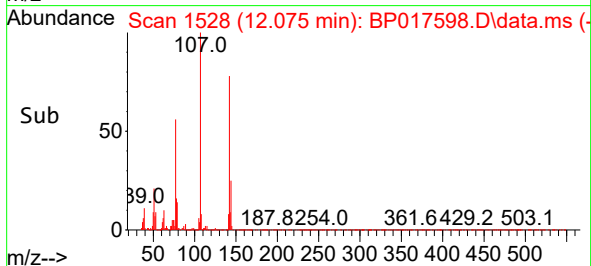
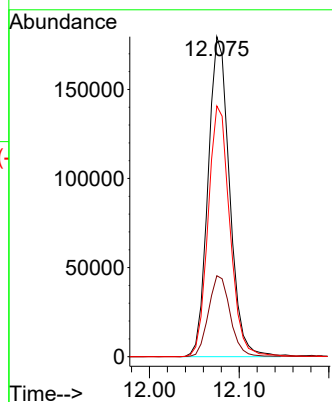
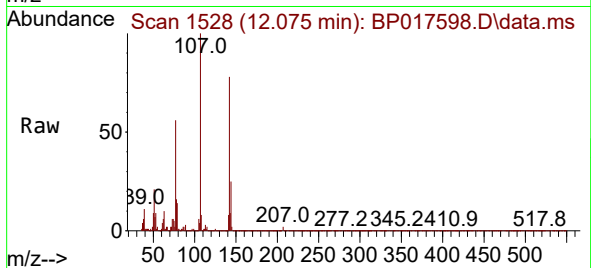




#35
4-Chloro-3-methylphenol
Concen: 48.232 ng/ul
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

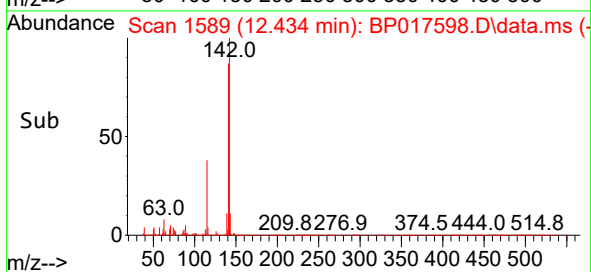
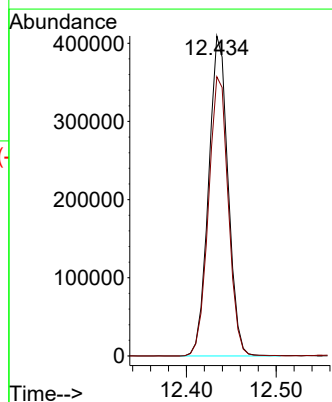
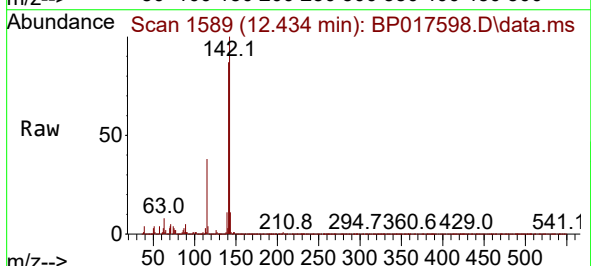
Instrument :
BNA_G
ClientSampleId :

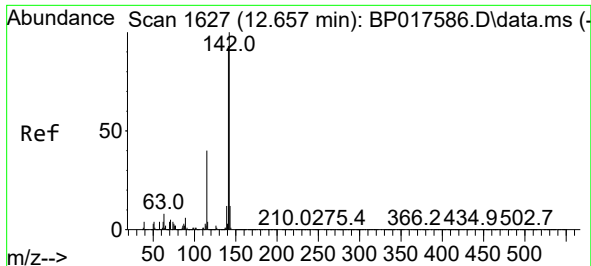
Tgt Ion:107 Resp: 298737
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 78.3 62.3 93.5



#36
2-Methylnaphthalene
Concen: 44.948 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:142 Resp: 615706
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.2





#37

1-Methylnaphthalene

Concen: 43.245 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

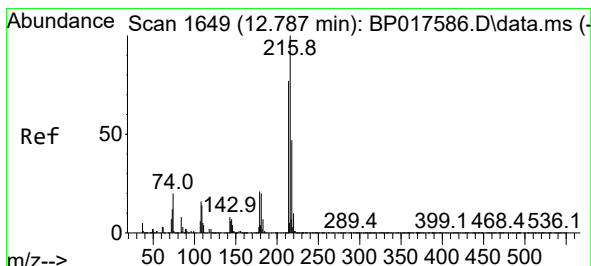
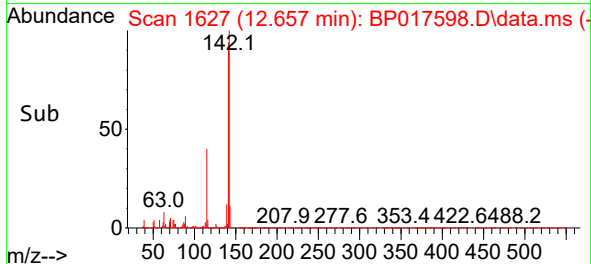
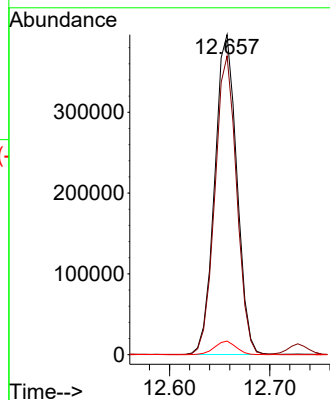
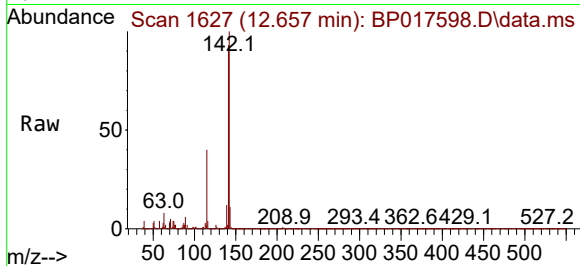
Tgt Ion:142 Resp: 607769

Ion Ratio Lower Upper

142 100

141 93.3 74.1 111.1

116 4.2 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.630 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Tgt Ion:216 Resp: 347139

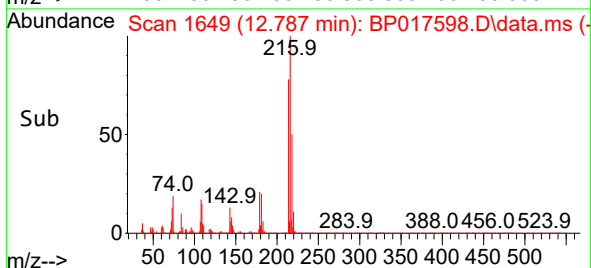
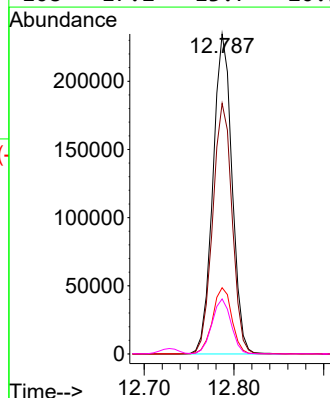
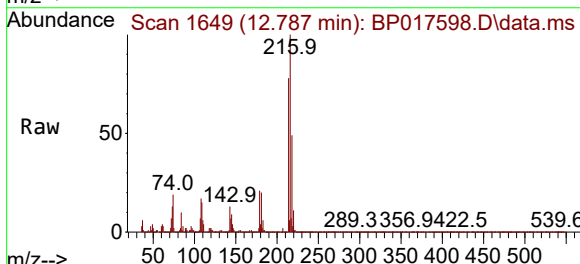
Ion Ratio Lower Upper

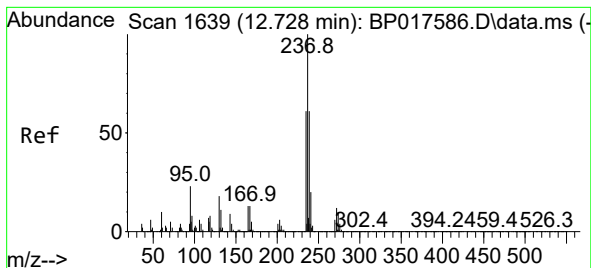
216 100

214 78.3 62.6 94.0

179 20.7 17.1 25.7

108 17.2 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 31.980 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

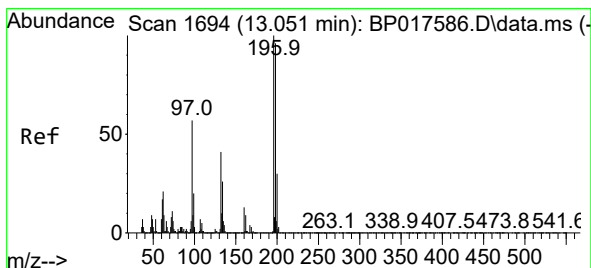
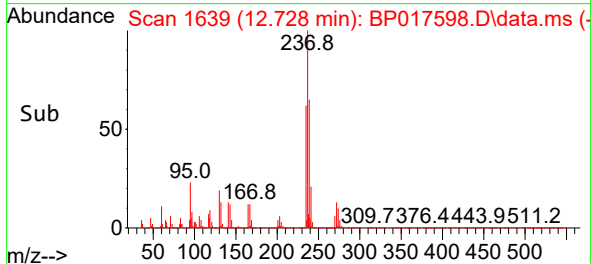
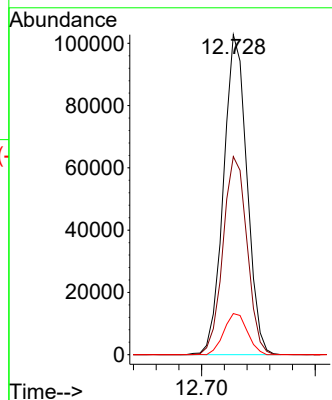
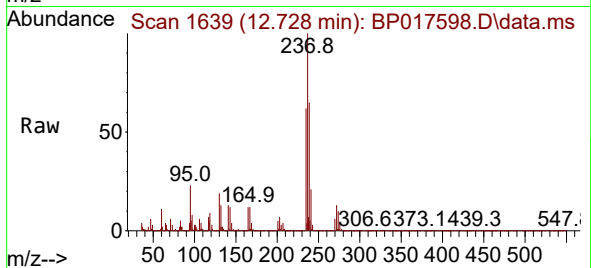
Tgt Ion:237 Resp: 146879

Ion Ratio Lower Upper

237 100

235 61.9 51.4 77.0

272 12.9 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 42.561 ng/ul

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

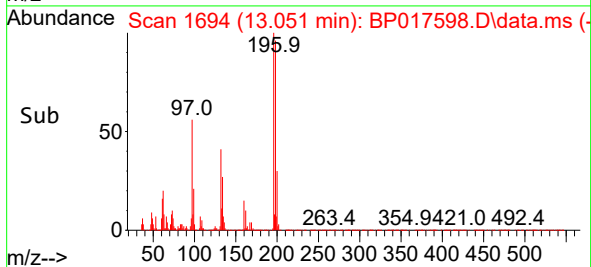
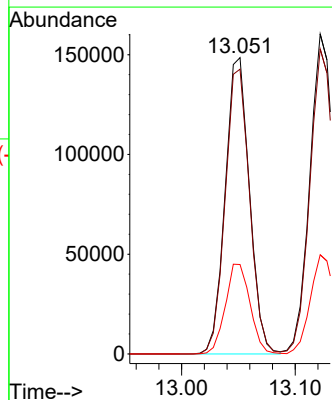
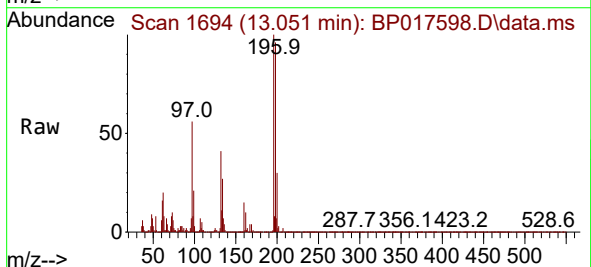
Tgt Ion:196 Resp: 220871

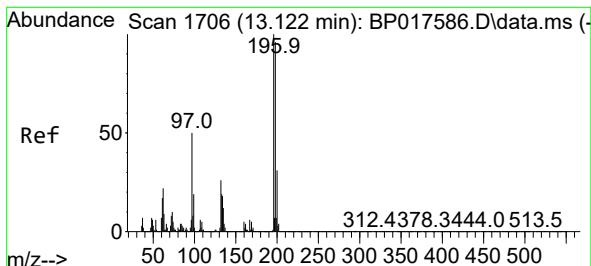
Ion Ratio Lower Upper

196 100

198 96.1 76.3 114.5

200 30.2 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 45.012 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

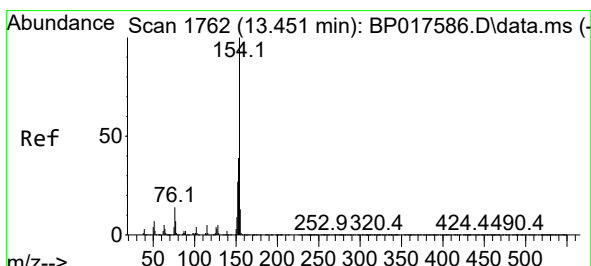
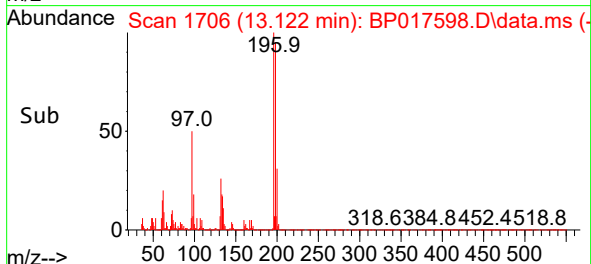
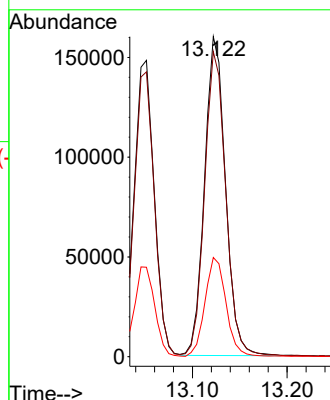
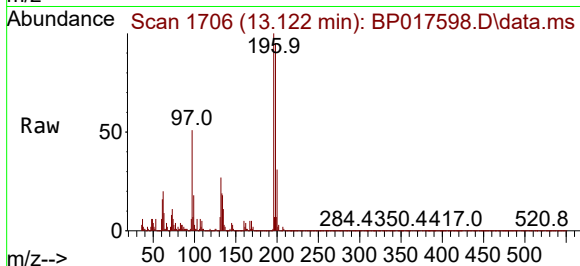
Tgt Ion:196 Resp: 245957

Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.2

200 31.0 24.9 37.3



#43

1,1'-Biphenyl

Concen: 43.592 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

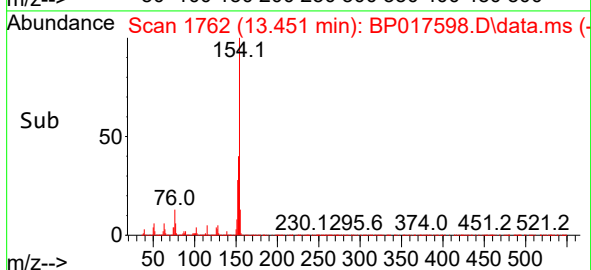
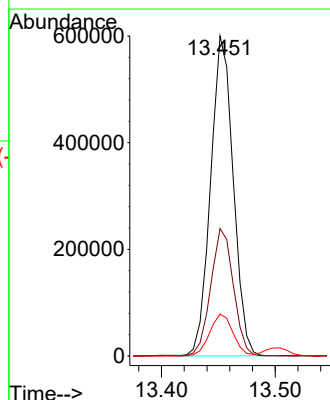
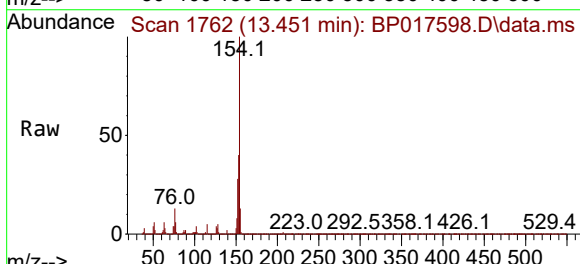
Tgt Ion:154 Resp: 829384

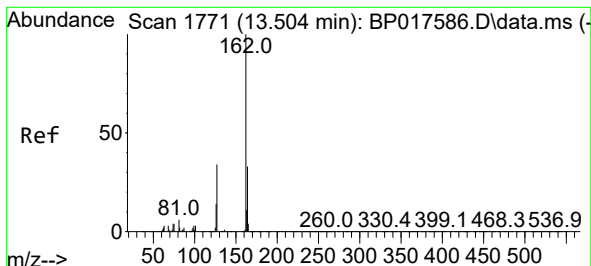
Ion Ratio Lower Upper

154 100

153 39.8 32.2 48.4

76 13.1 11.0 16.4

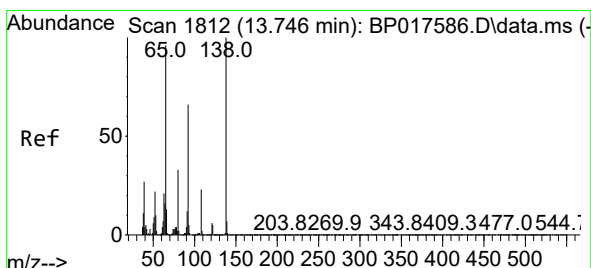
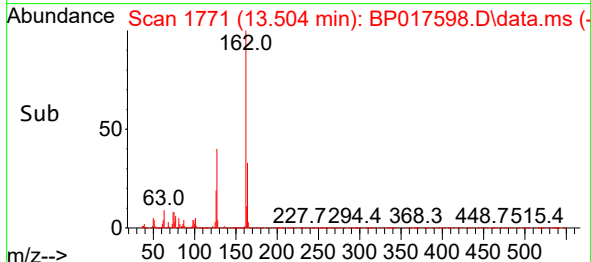
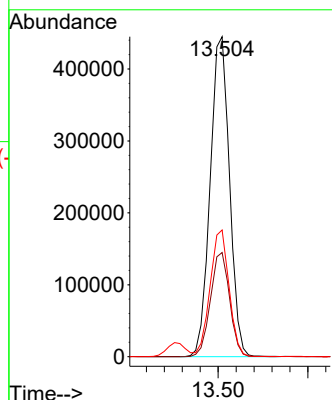
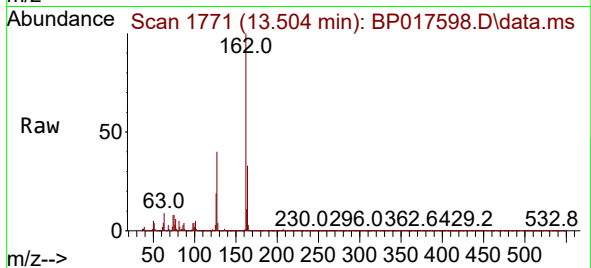




#44
2-Chloronaphthalene
Concen: 43.958 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

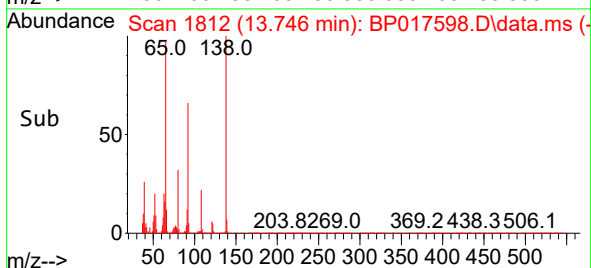
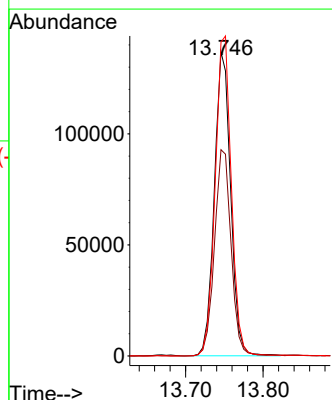
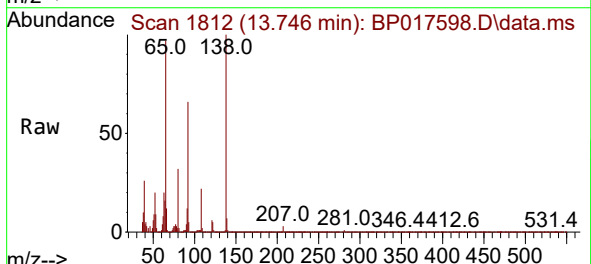
Instrument :
BNA_G
ClientSampleId :

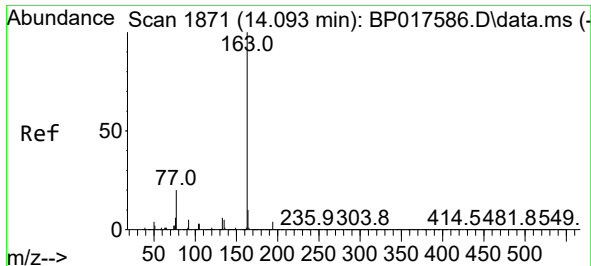
Tgt Ion:162 Resp: 664954
Ion Ratio Lower Upper
162 100
164 32.5 26.0 39.0
127 39.6 31.2 46.8



#45
2-Nitroaniline
Concen: 47.637 ng/ul
RT: 13.746 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion: 65 Resp: 200238
Ion Ratio Lower Upper
65 100
92 67.9 54.7 82.1
138 103.2 81.4 122.2

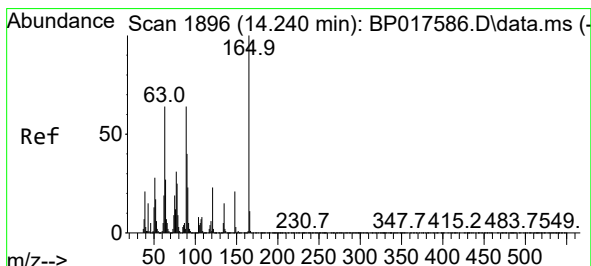
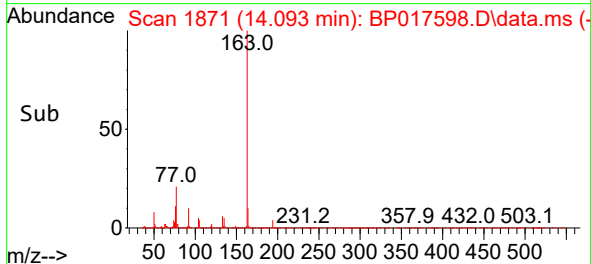
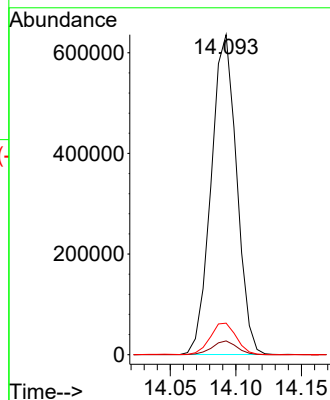
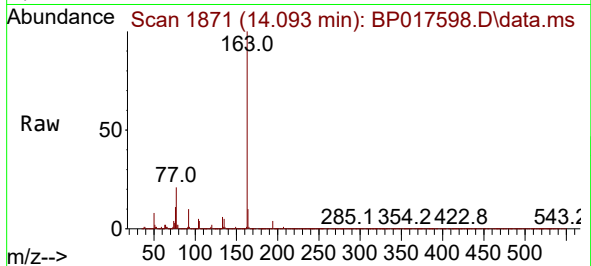




#47
Dimethylphthalate
Concen: 44.083 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

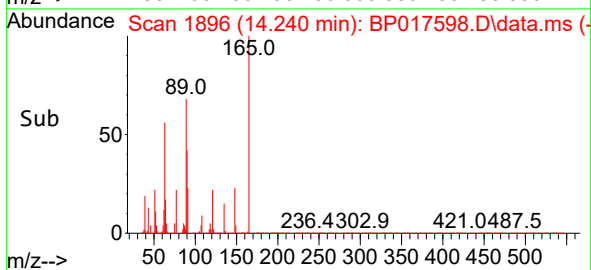
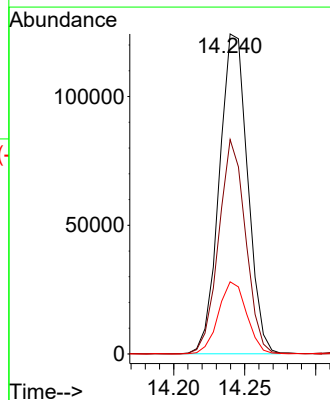
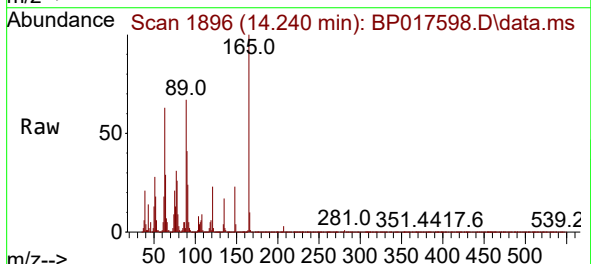
Instrument :
BNA_G
ClientSampleId :

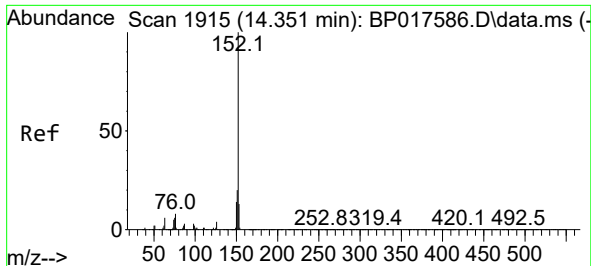
Tgt Ion:163 Resp: 859006
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.8 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 47.464 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:165 Resp: 172346
Ion Ratio Lower Upper
165 100
89 67.0 52.6 78.8
121 22.5 16.7 25.1

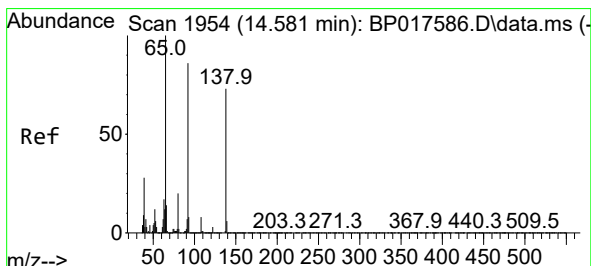
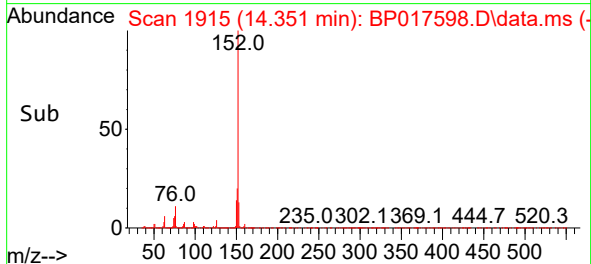
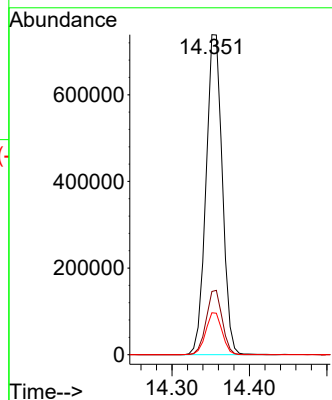
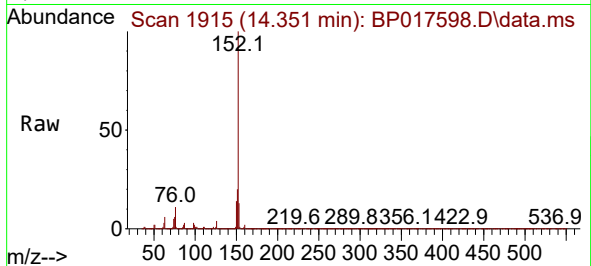




#50
Acenaphthylene
Concen: 43.591 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

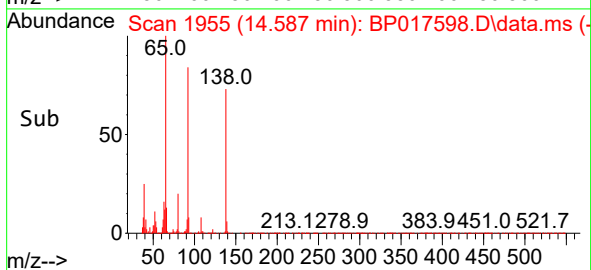
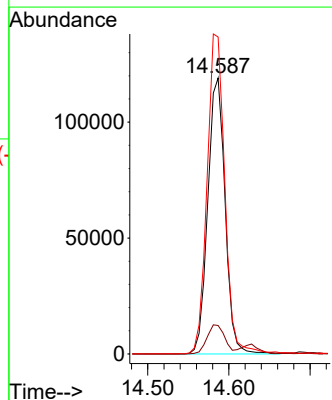
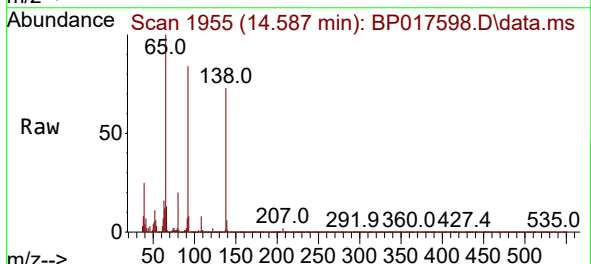
Instrument :
BNA_G
ClientSampleId :

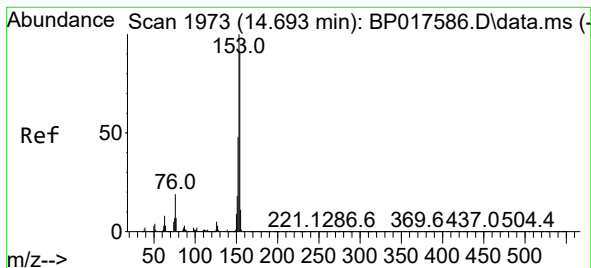
Tgt Ion:152 Resp: 1077686
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 50.960 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:138 Resp: 176398
Ion Ratio Lower Upper
138 100
108 10.3 9.3 13.9
92 114.9 96.4 144.6





#52

Acenaphthene

Concen: 44.100 ng/ul

RT: 14.693 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

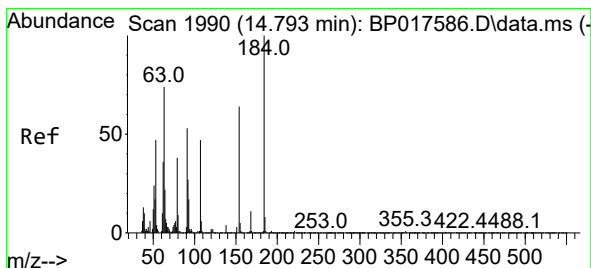
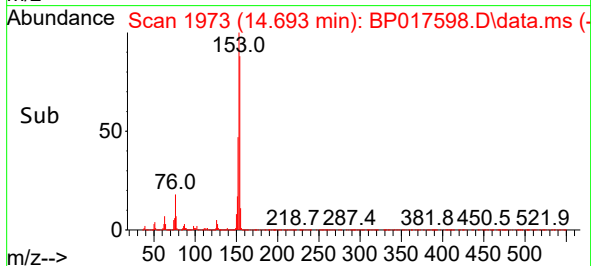
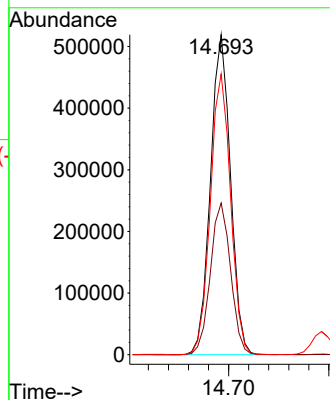
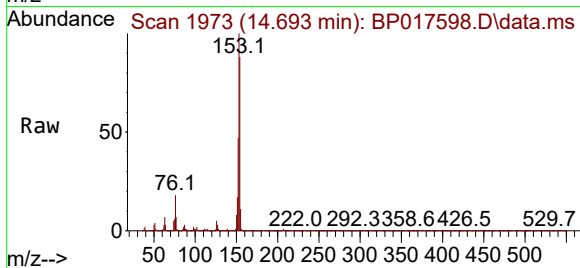
Tgt Ion:153 Resp: 719656

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

154 87.7 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 38.688 ng/ul

RT: 14.793 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

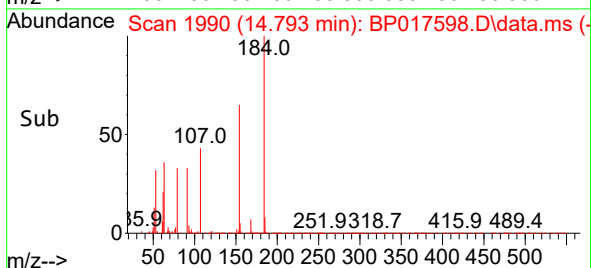
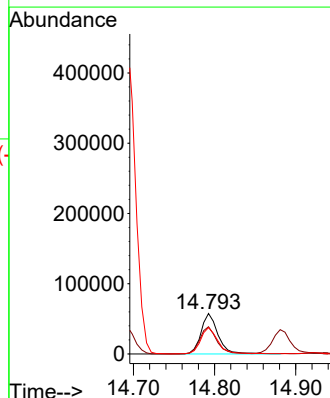
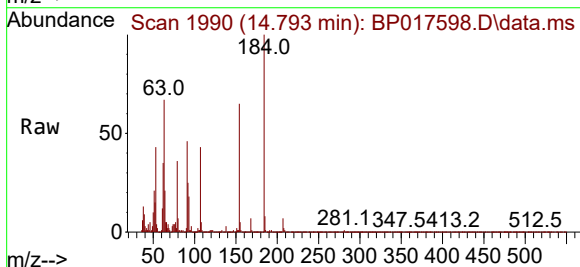
Tgt Ion:184 Resp: 83156

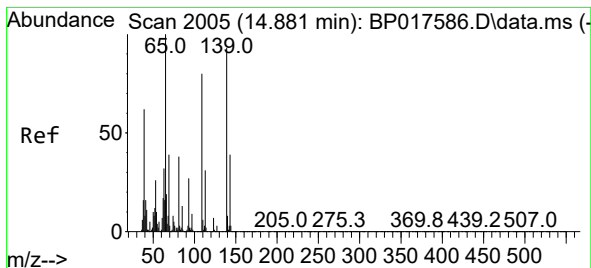
Ion Ratio Lower Upper

184 100

63 67.1 51.1 76.7

154 65.2 47.5 71.3

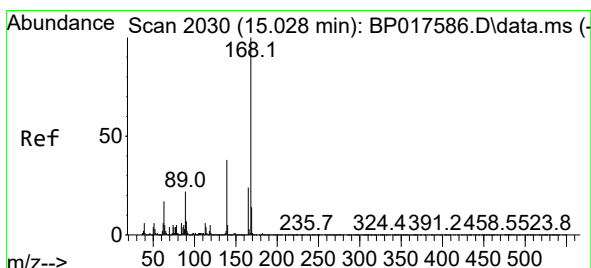
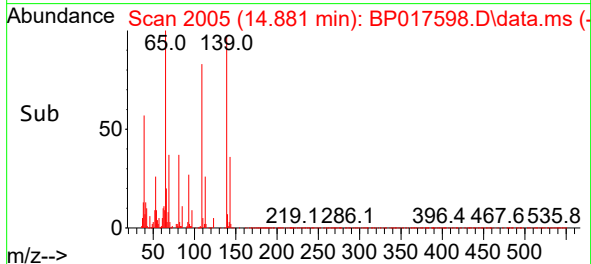
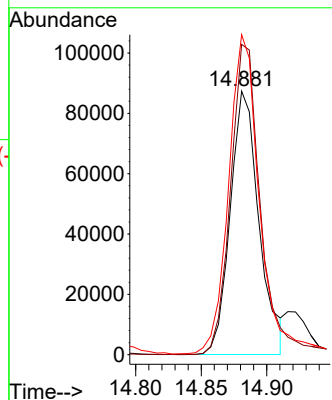
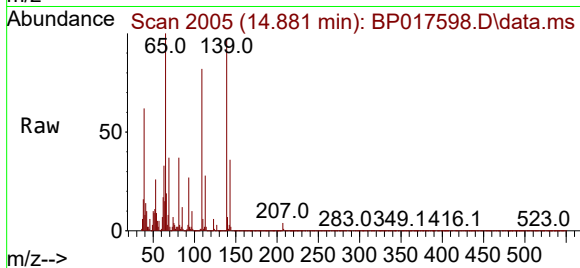




#55
4-Nitrophenol
Concen: 43.671 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

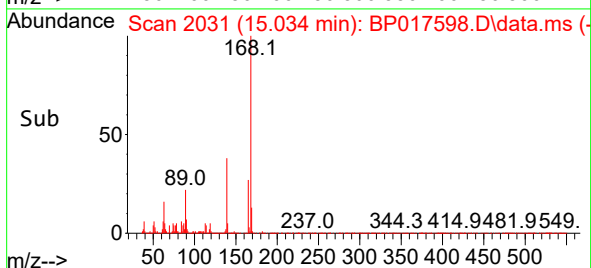
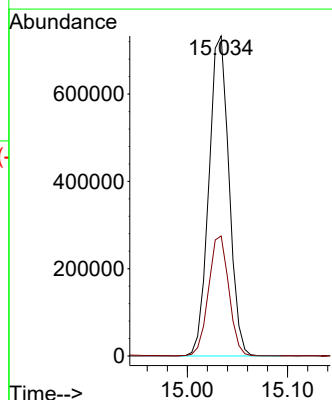
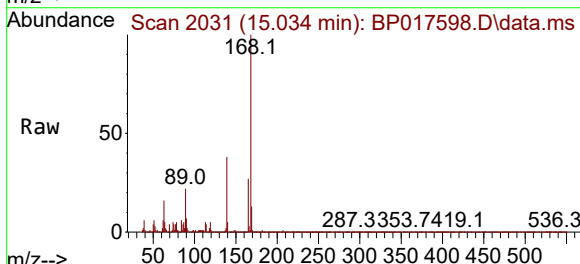
Instrument :
BNA_G
ClientSampleId :

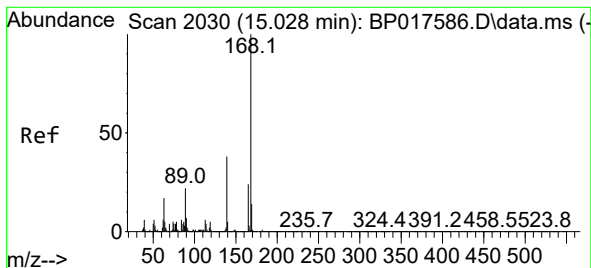
Tgt Ion:109 Resp: 133139
Ion Ratio Lower Upper
109 100
139 117.7 95.5 143.3
65 121.4 97.9 146.9



#56
Dibenzofuran
Concen: 44.647 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:168 Resp: 1025401
Ion Ratio Lower Upper
168 100
139 37.5 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 48.042 ng/ul

RT: 15.034 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

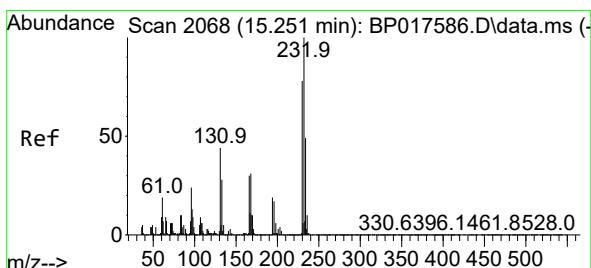
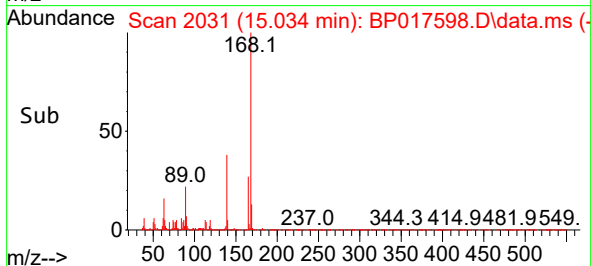
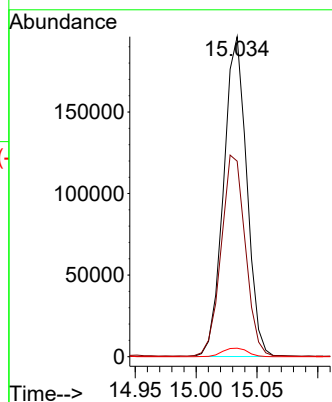
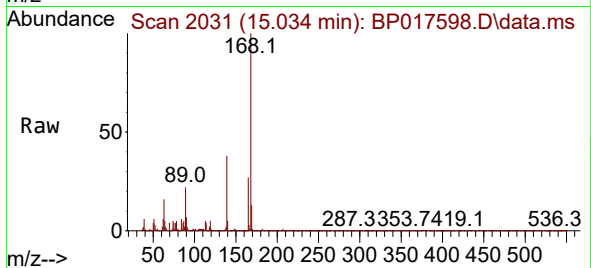
Tgt Ion:165 Resp: 260365

Ion Ratio Lower Upper

165 100

63 61.1 53.4 80.0

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.003 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Tgt Ion:232 Resp: 207976

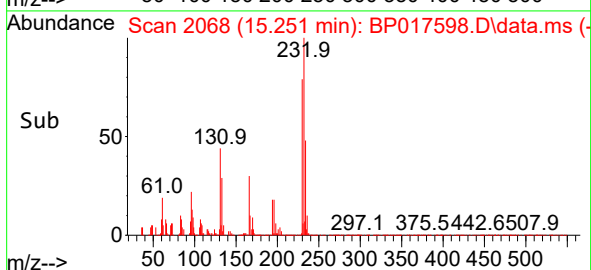
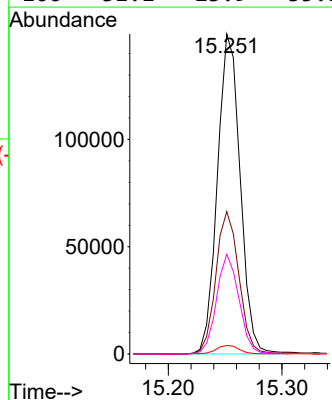
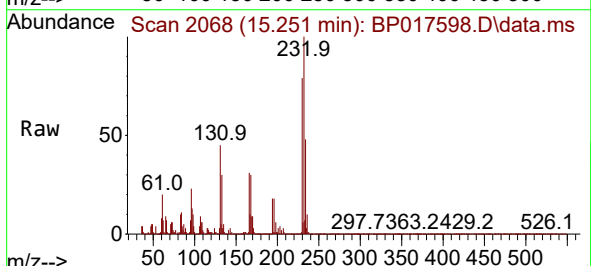
Ion Ratio Lower Upper

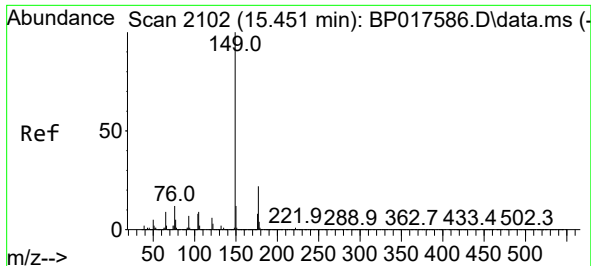
232 100

131 44.5 35.0 52.6

130 2.7 1.9 2.9

166 31.1 23.9 35.9

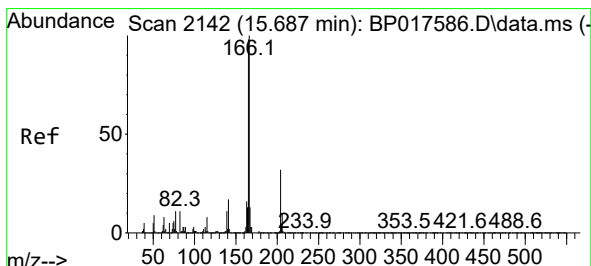
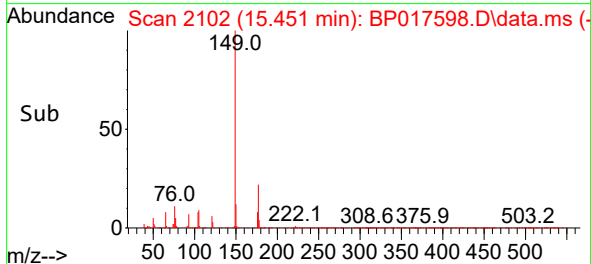
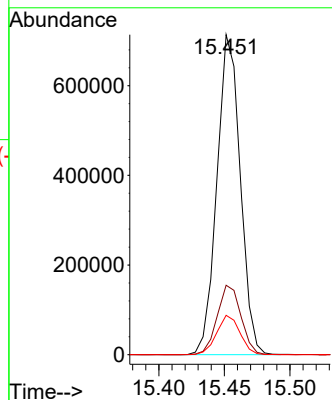
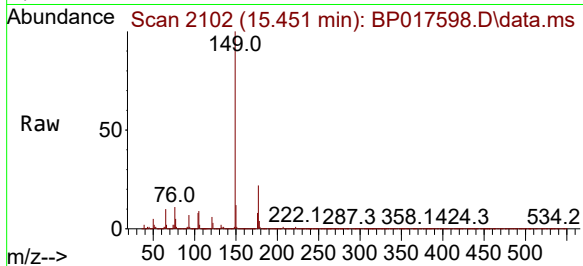




#59
Diethylphthalate
Concen: 45.135 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

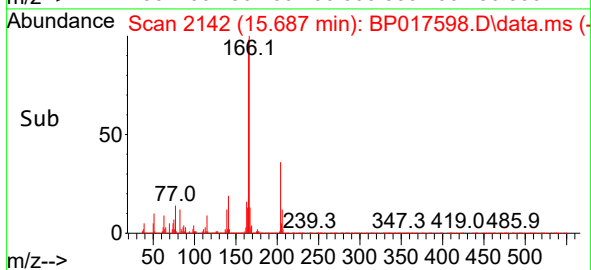
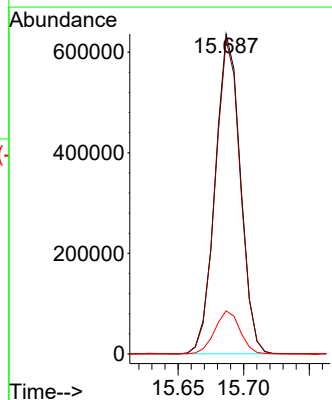
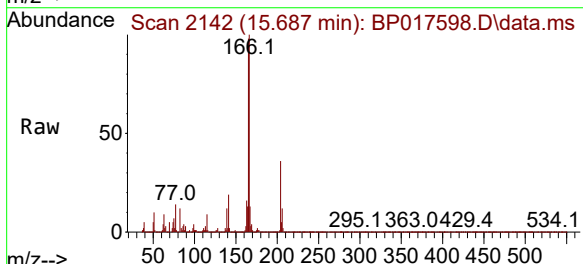
Instrument :
BNA_G
ClientSampleId :

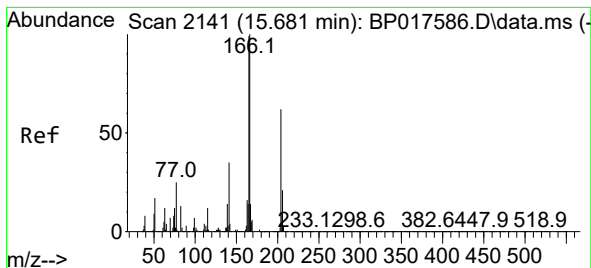
Tgt Ion:149 Resp: 882171
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.3 10.2 15.4



#61
Fluorene
Concen: 44.710 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:166 Resp: 848068
Ion Ratio Lower Upper
166 100
165 98.2 78.9 118.3
167 13.4 11.0 16.4

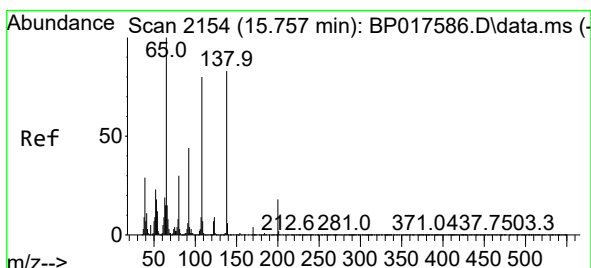
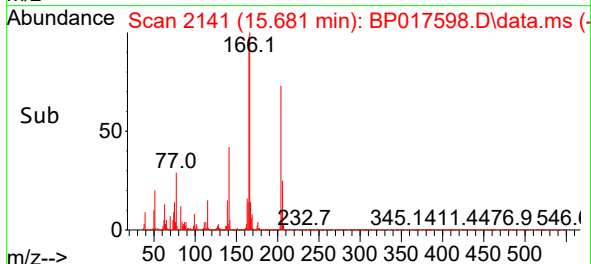
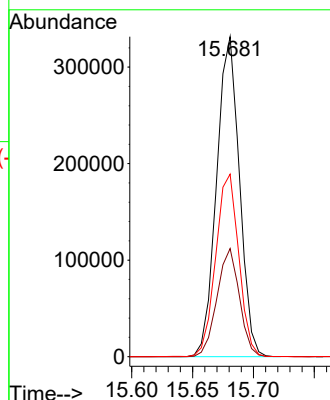
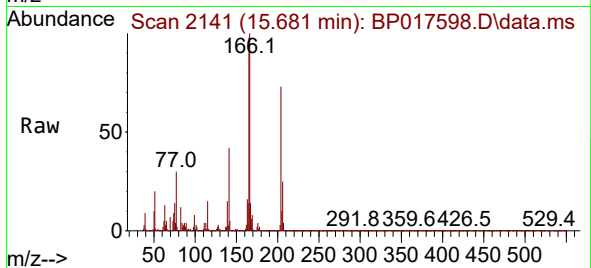




#62
4-Chlorophenyl-phenylether
Concen: 44.566 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

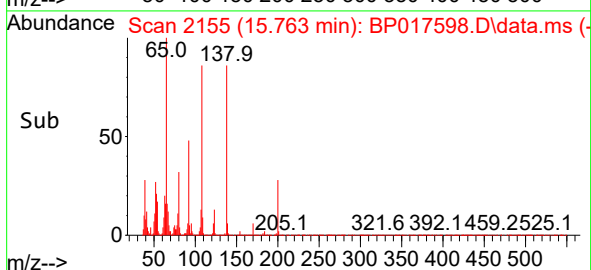
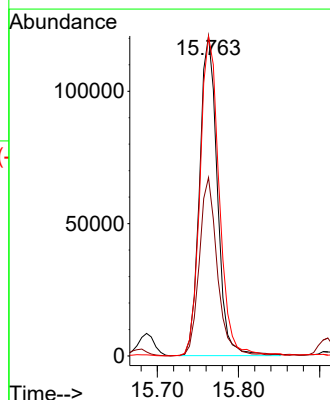
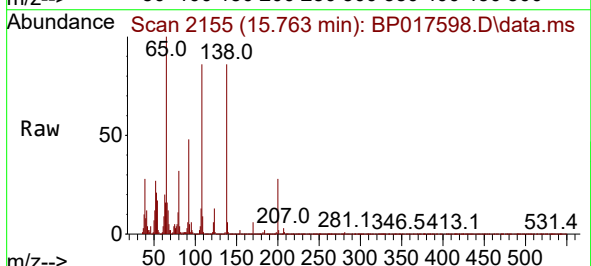
Instrument :
BNA_G
ClientSampleId :

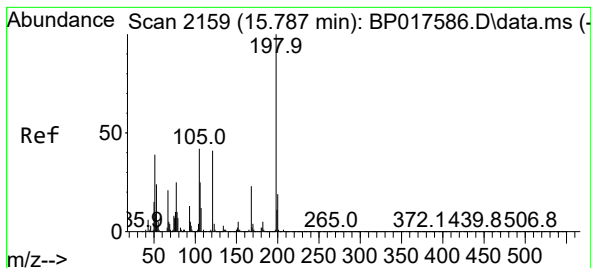
Tgt Ion:204 Resp: 433048
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 57.1 46.9 70.3



#63
4-Nitroaniline
Concen: 56.479 ng/ul
RT: 15.763 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:138 Resp: 183754
Ion Ratio Lower Upper
138 100
92 55.8 44.8 67.2
108 99.9 79.7 119.5

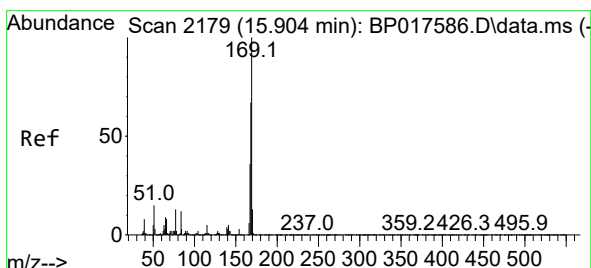
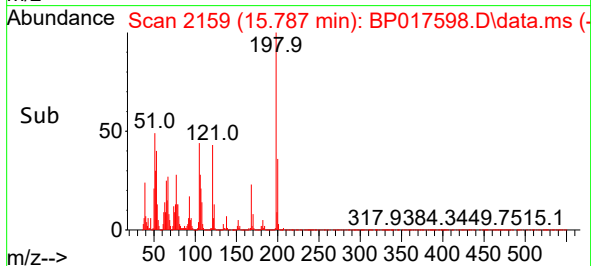
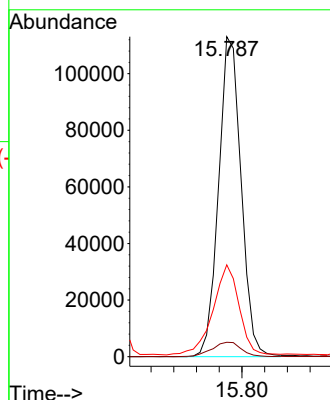
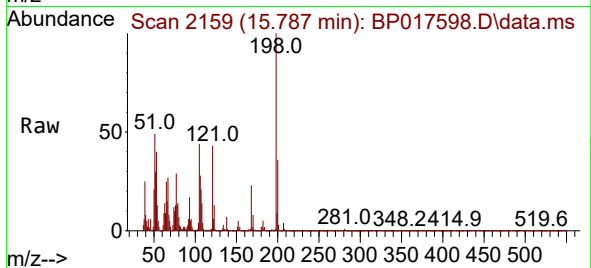




#66
4,6-Dinitro-2-methylphenol
Concen: 41.844 ng/ul
RT: 15.787 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

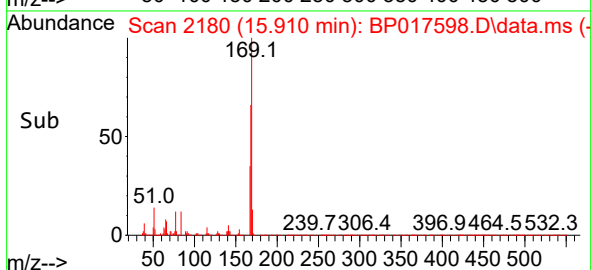
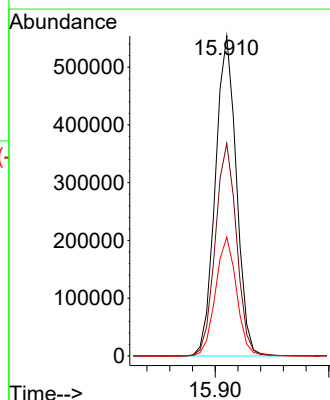
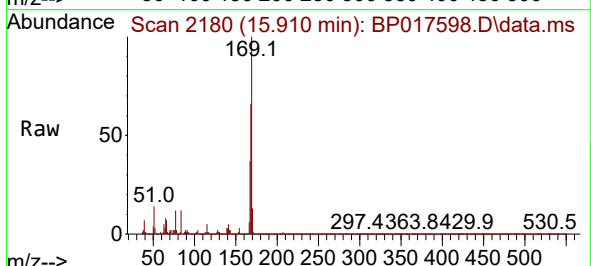
Instrument :
BNA_G
ClientSampleId :

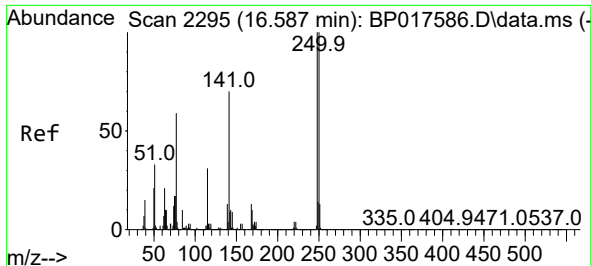
Tgt Ion:198 Resp: 155727
Ion Ratio Lower Upper
198 100
182 4.5 4.2 6.2
77 28.7 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 45.658 ng/ul
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:169 Resp: 713382
Ion Ratio Lower Upper
169 100
168 66.4 54.3 81.5
167 37.2 29.7 44.5

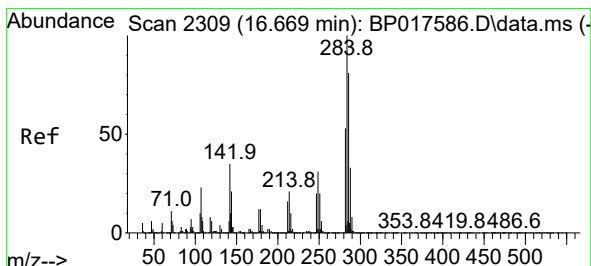
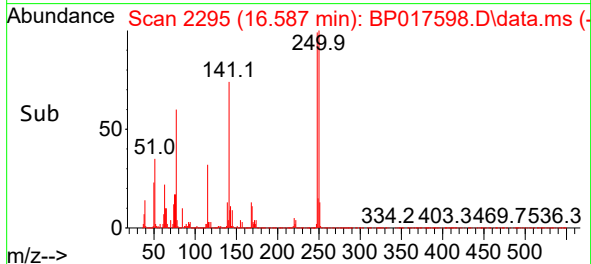
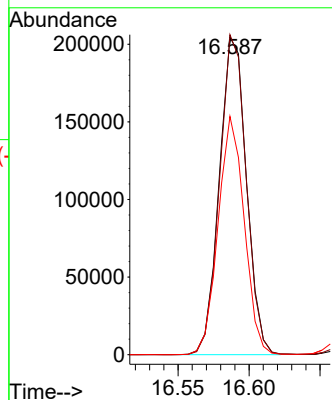
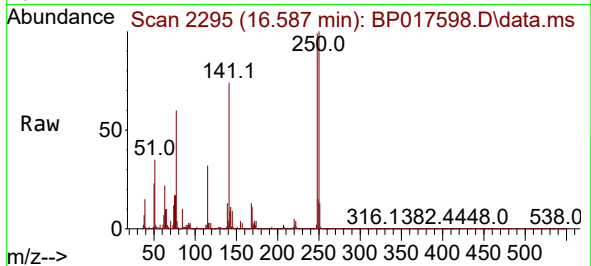




#68
4-Bromophenyl-phenylether
Concen: 45.949 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

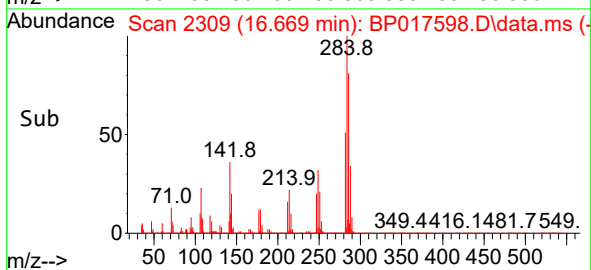
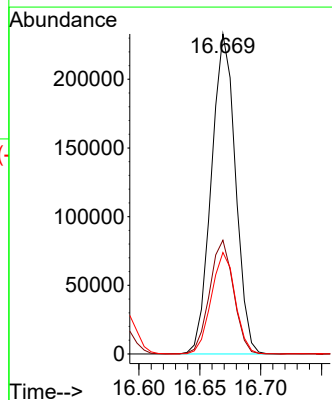
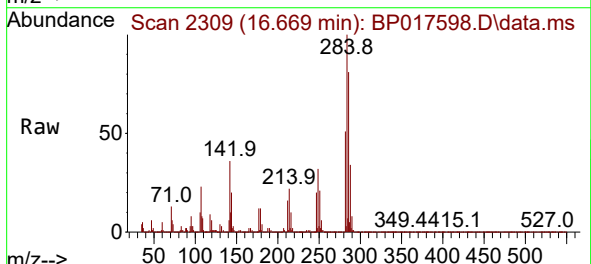
Instrument :
BNA_G
ClientSampleId :

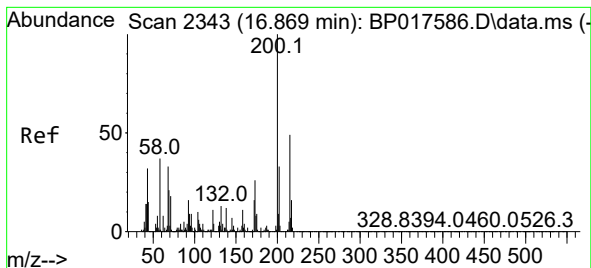
Tgt Ion:248 Resp: 271811
Ion Ratio Lower Upper
248 100
250 100.7 77.0 115.6
141 75.0 57.1 85.7



#69
Hexachlorobenzene
Concen: 46.085 ng/ul
RT: 16.669 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:284 Resp: 321047
Ion Ratio Lower Upper
284 100
142 35.5 27.0 40.6
249 31.7 24.6 36.8





#70

Atrazine

Concen: 25.128 ng/ul

RT: 16.875 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

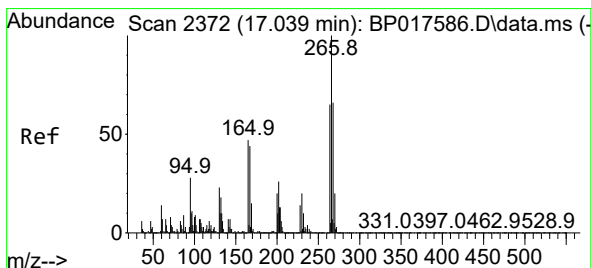
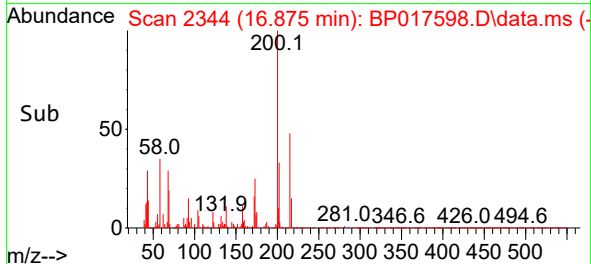
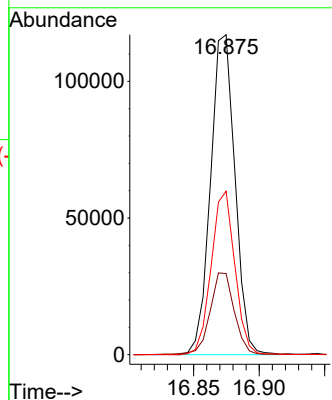
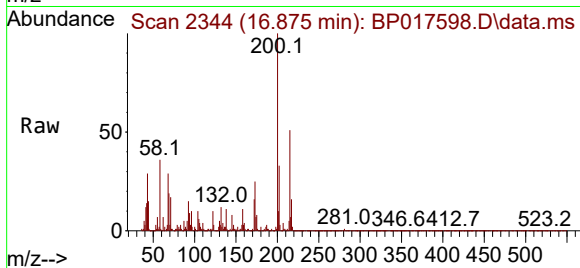
Tgt Ion:200 Resp: 151897

Ion Ratio Lower Upper

200 100

173 25.4 20.6 30.8

215 51.1 40.1 60.1



#71

Pentachlorophenol

Concen: 40.801 ng/ul

RT: 17.040 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

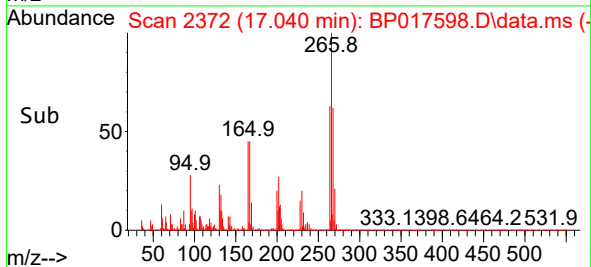
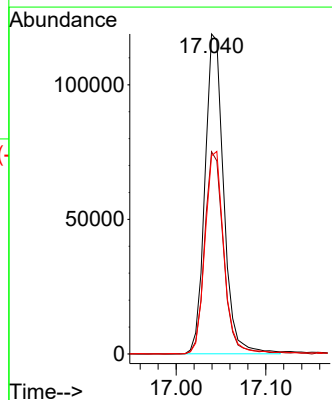
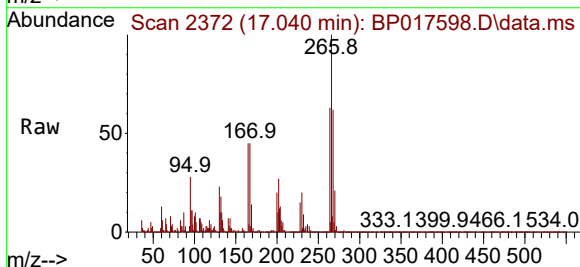
Tgt Ion:266 Resp: 172069

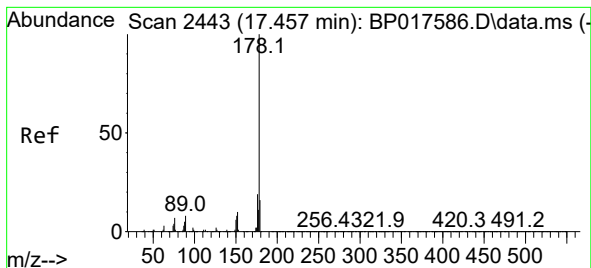
Ion Ratio Lower Upper

266 100

264 63.2 49.6 74.4

268 62.0 53.0 79.6





#72

Phenanthrene

Concen: 46.053 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

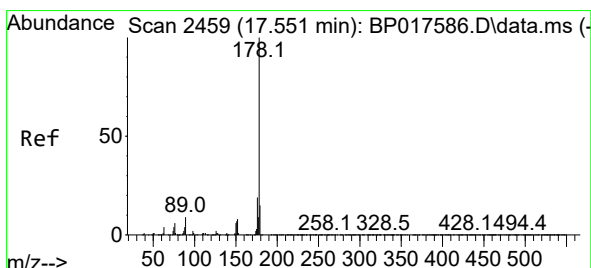
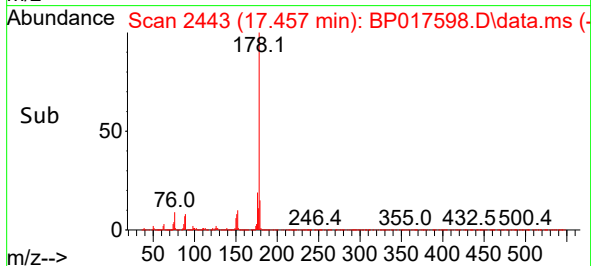
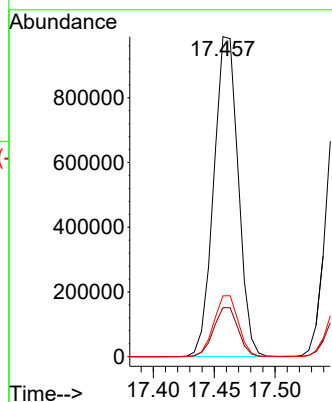
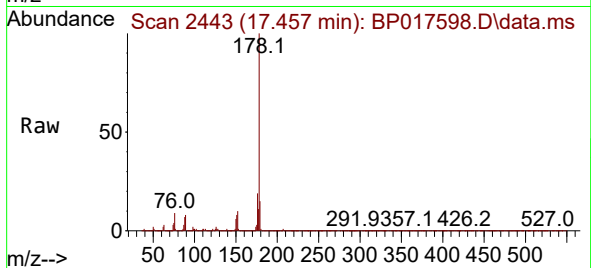
Tgt Ion:178 Resp: 1383050

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.0 15.2 22.8



#74

Anthracene

Concen: 45.307 ng/ul

RT: 17.551 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

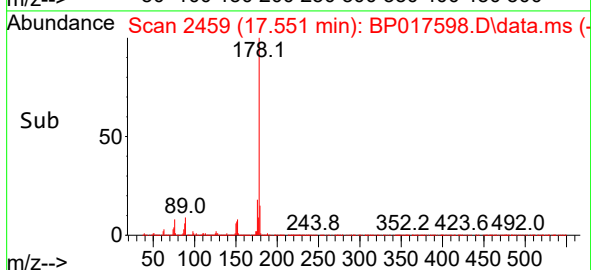
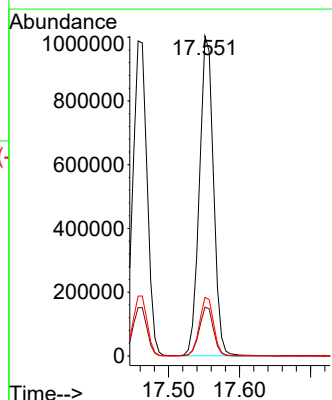
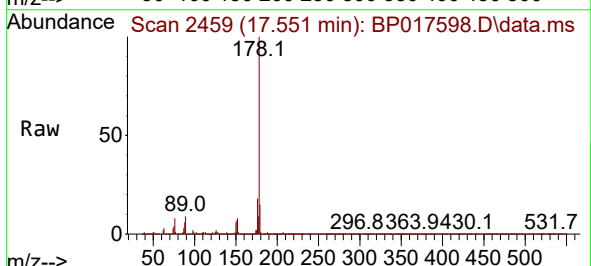
Tgt Ion:178 Resp: 1386801

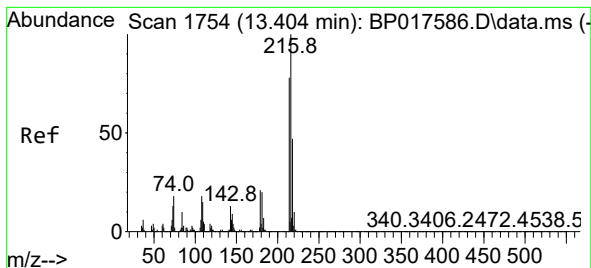
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.3 15.0 22.4

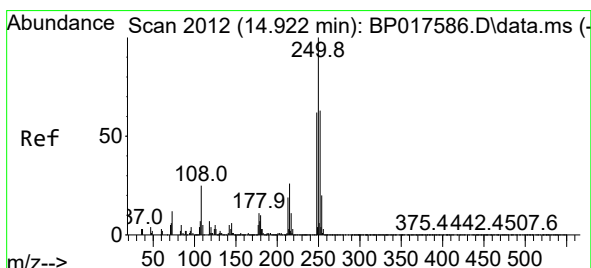
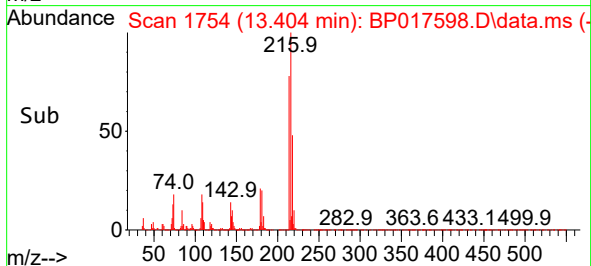
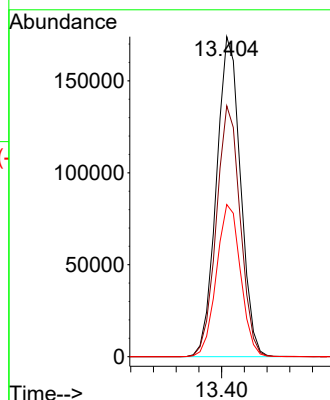
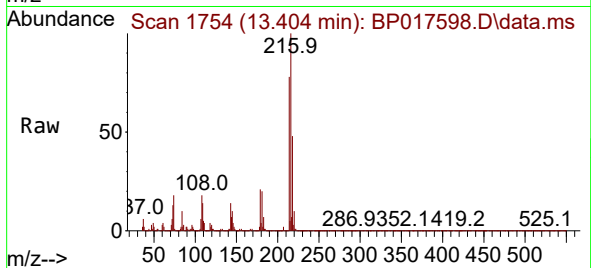




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.019 ng/uL
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

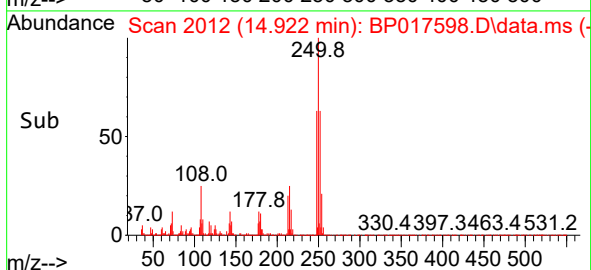
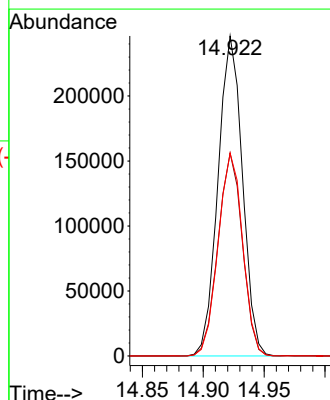
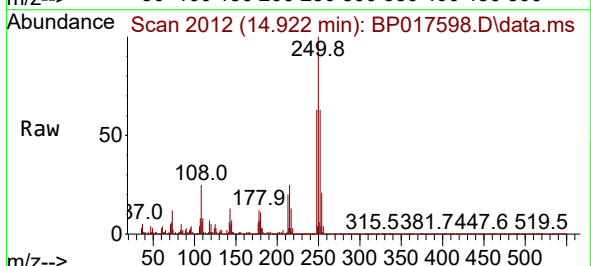
Instrument :
BNA_G
ClientSampleId :

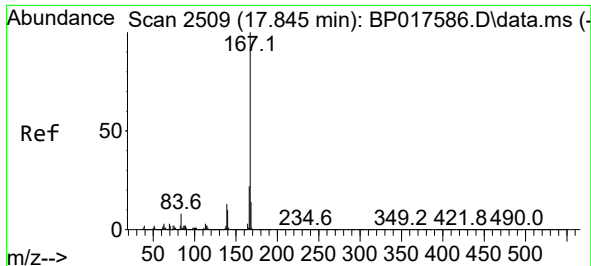
Tgt Ion:216 Resp: 255851
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
218 47.6 38.0 57.0



#76
Pentachlorobenzene
Concen: 41.961 ng/uL
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:250 Resp: 343570
Ion Ratio Lower Upper
250 100
248 63.4 49.1 73.7
252 63.3 51.4 77.2

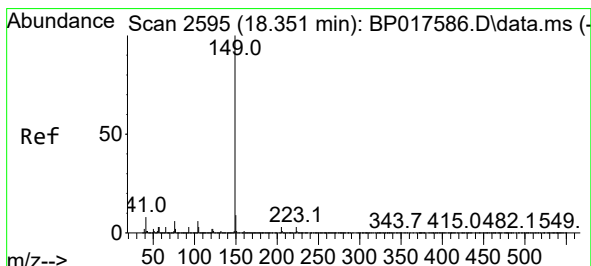
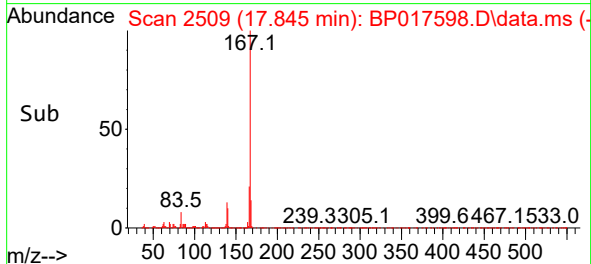
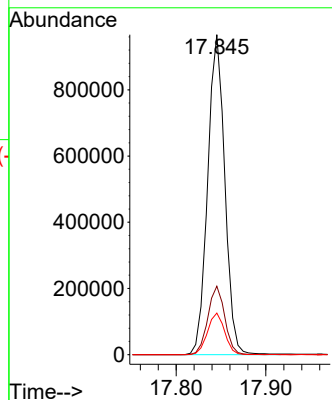
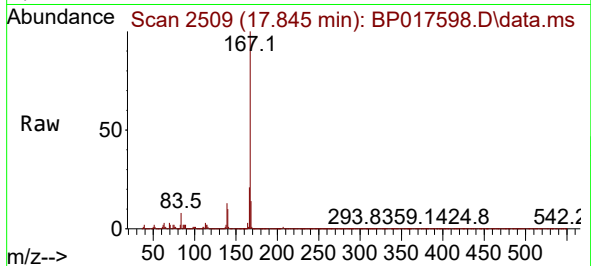




#77
 Carbazole
 Concen: 46.637 ng/ul
 RT: 17.845 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BP017598.D
 Acq: 06 Oct 2023 12:30

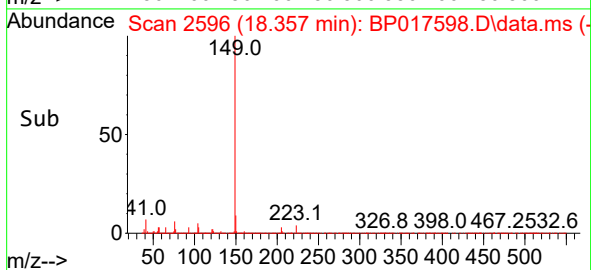
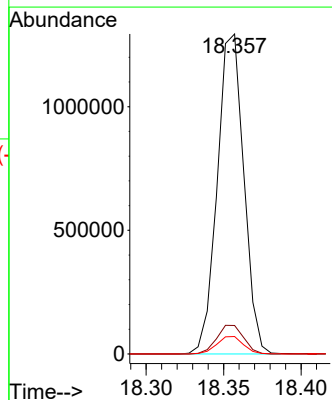
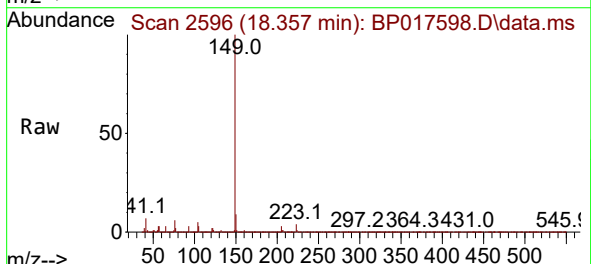
Instrument :
 BNA_G
 ClientSampleId :

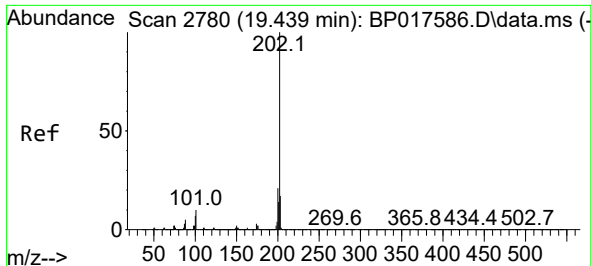
Tgt Ion:167 Resp: 1281858
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 13.0 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 46.573 ng/ul
 RT: 18.357 min Scan# 2596
 Delta R.T. 0.006 min
 Lab File: BP017598.D
 Acq: 06 Oct 2023 12:30

Tgt Ion:149 Resp: 1542865
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.4 4.3 6.5

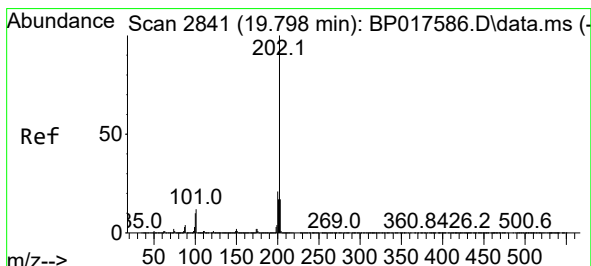
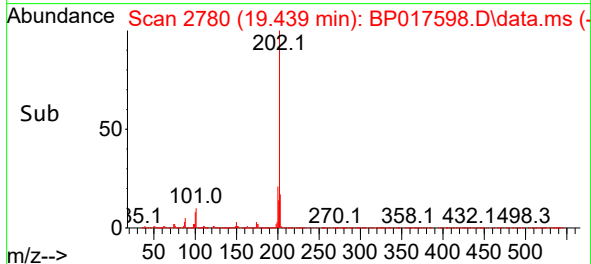
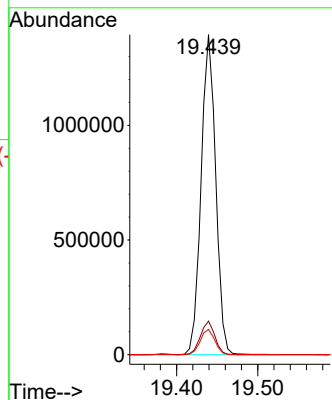
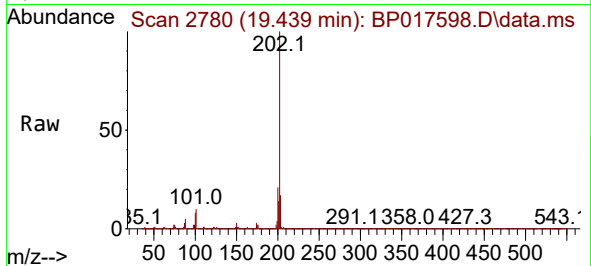




#80
Fluoranthene
Concen: 46.430 ng/ul
RT: 19.439 min Scan# 2780
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

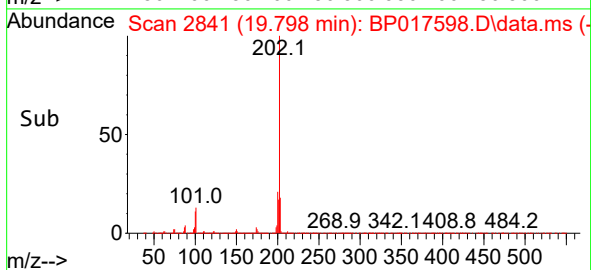
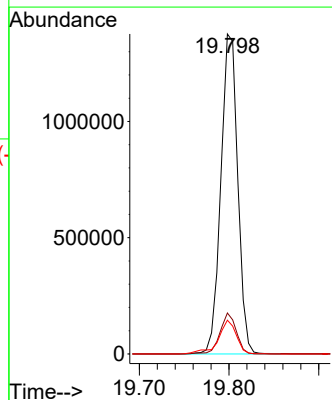
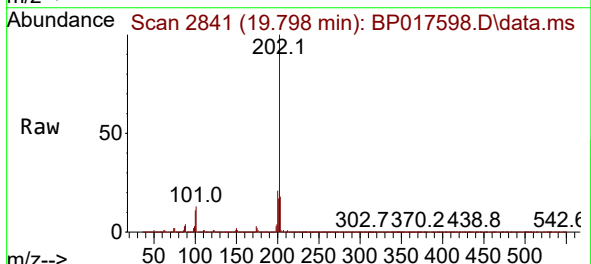
Instrument :
BNA_G
ClientSampleId :

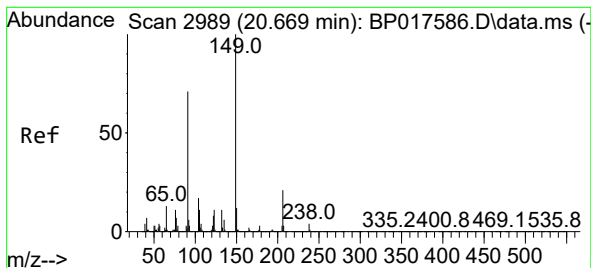
Tgt Ion:202 Resp: 1739631
Ion Ratio Lower Upper
202 100
101 10.5 8.1 12.1
100 7.9 5.9 8.9



#82
Pyrene
Concen: 45.557 ng/ul
RT: 19.798 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP017598.D
Acq: 06 Oct 2023 12:30

Tgt Ion:202 Resp: 1800992
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 10.5 8.1 12.1





#83

Butylbenzylphthalate

Concen: 47.034 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

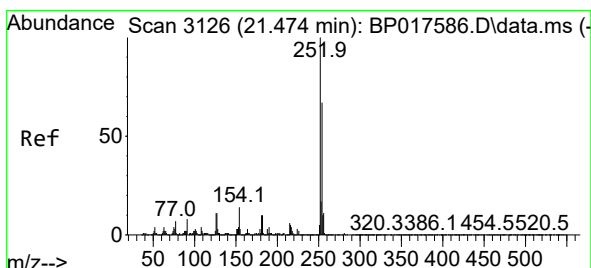
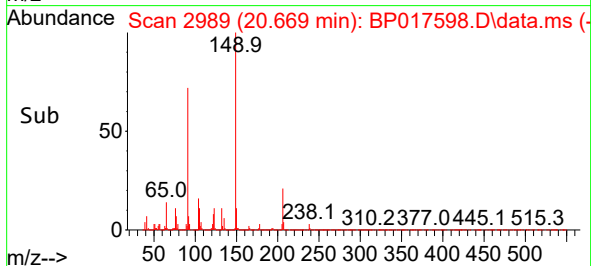
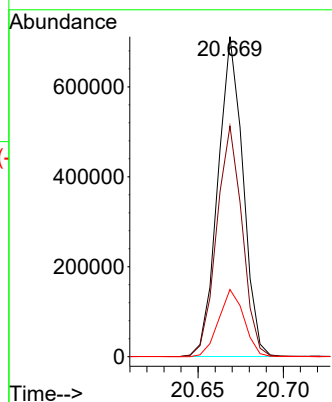
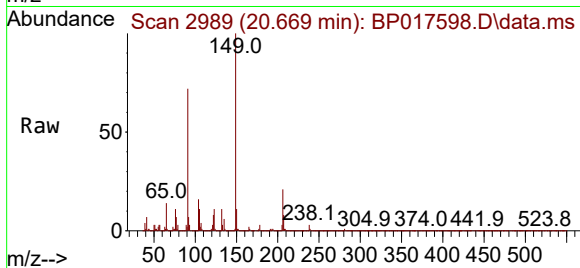
Tgt Ion:149 Resp: 730214

Ion Ratio Lower Upper

149 100

91 72.0 55.8 83.8

206 21.0 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 44.215 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

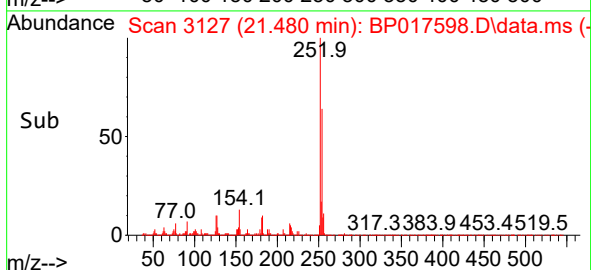
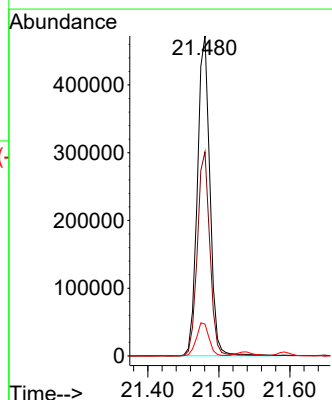
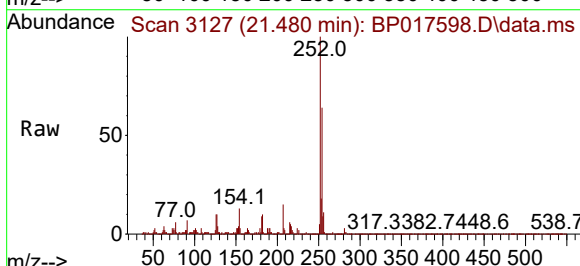
Tgt Ion:252 Resp: 581486

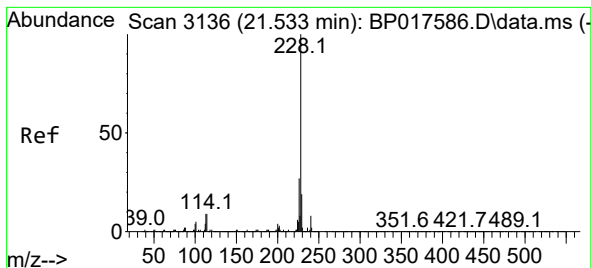
Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

126 10.0 8.6 12.8





#85

Benzo(a)anthracene

Concen: 45.903 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

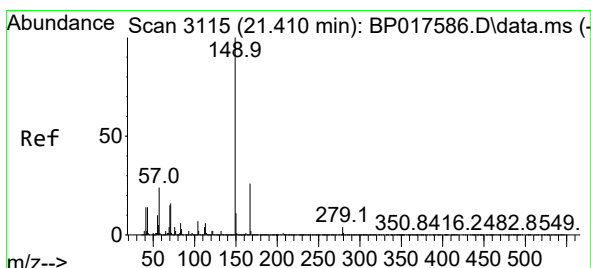
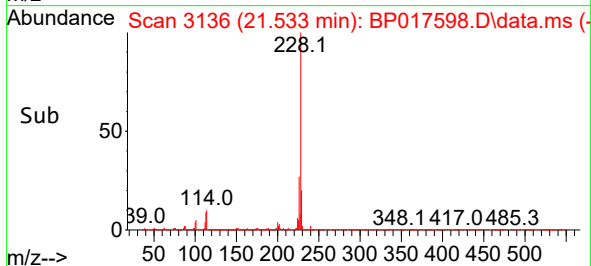
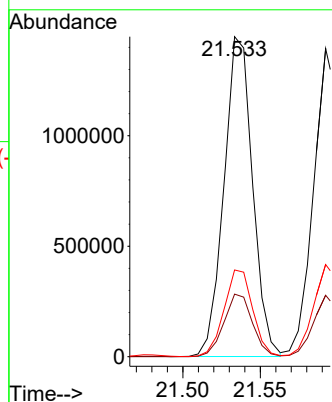
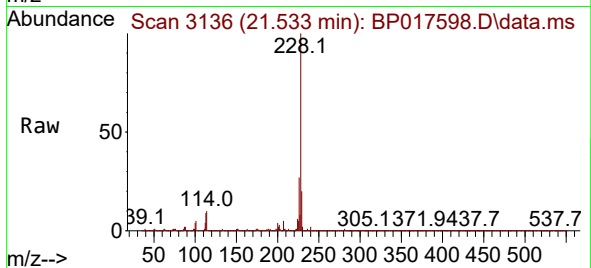
Tgt Ion:228 Resp: 1861385

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.1 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.829 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

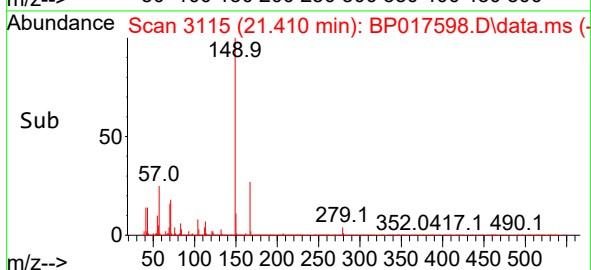
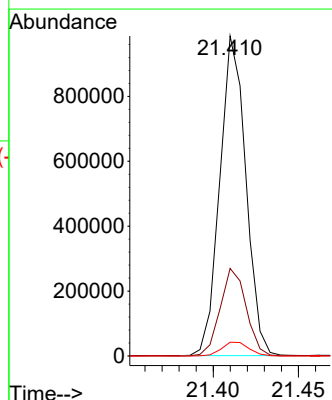
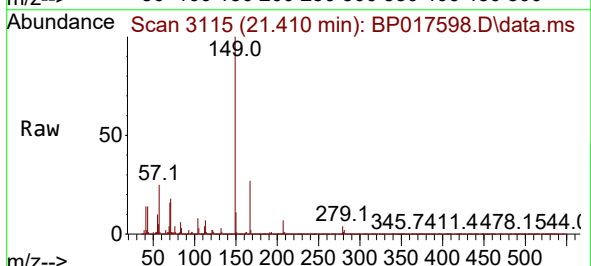
Tgt Ion:149 Resp: 1047931

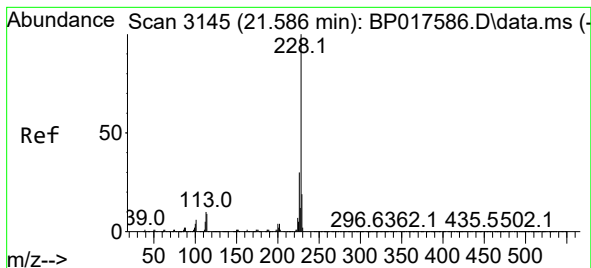
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.3 3.4 5.0





#87

Chrysene

Concen: 46.008 ng/ul

RT: 21.592 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

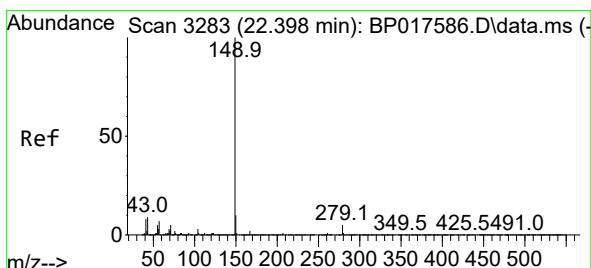
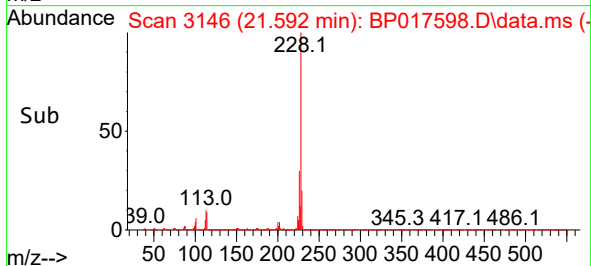
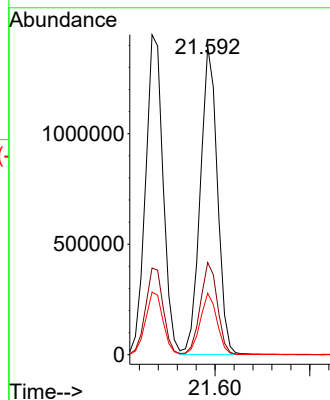
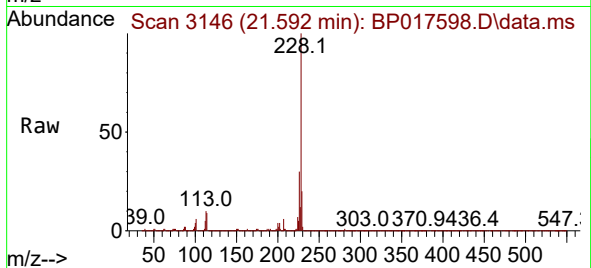
Tgt Ion:228 Resp: 1743899

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.9 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 46.172 ng/ul

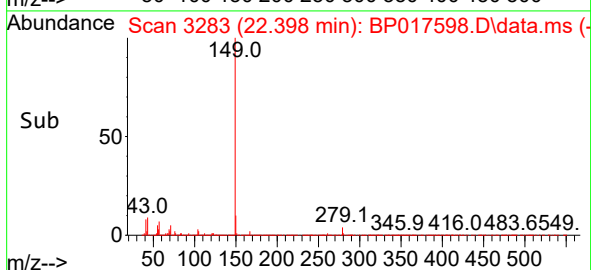
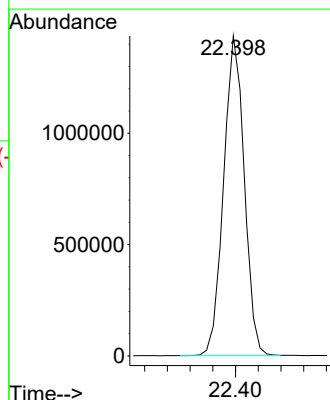
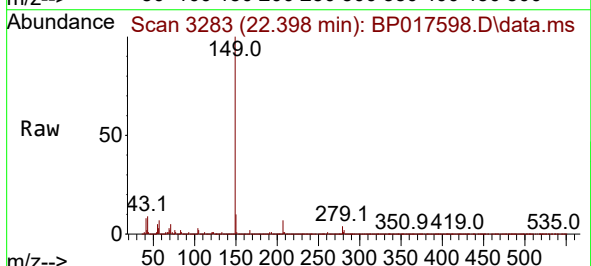
RT: 22.398 min Scan# 3283

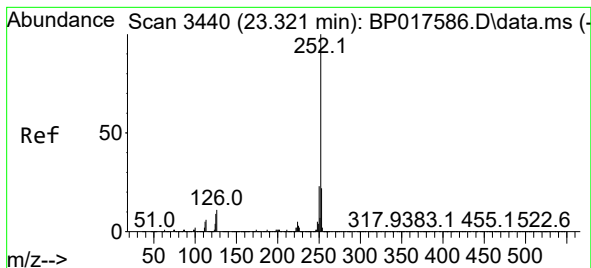
Delta R.T. 0.000 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Tgt Ion:149 Resp: 1811165





#90

Benzo(b)fluoranthene

Concen: 46.397 ng/ul

RT: 23.327 min Scan# 3440

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

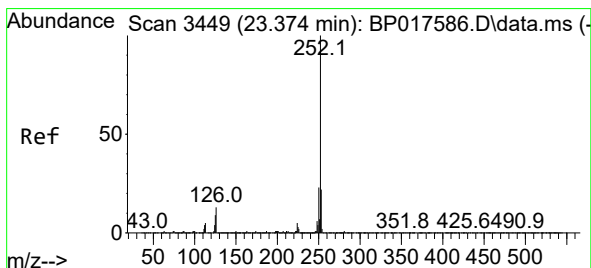
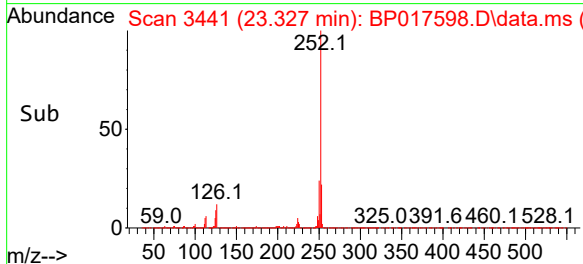
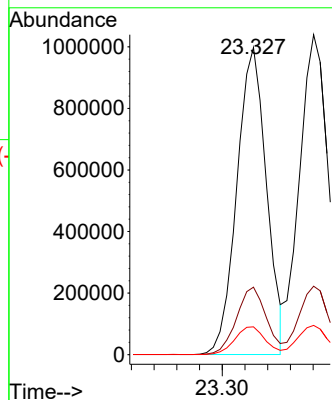
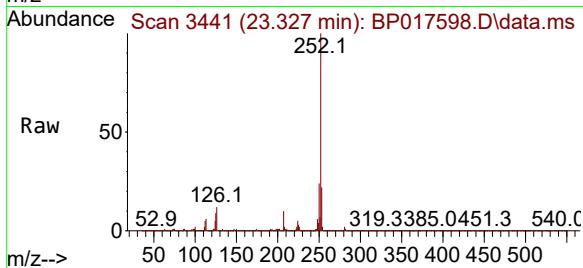
Tgt Ion:252 Resp: 1806013

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 9.1 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 47.415 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

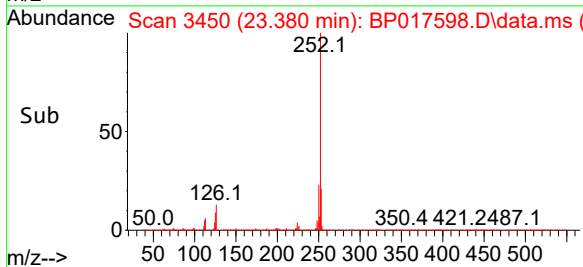
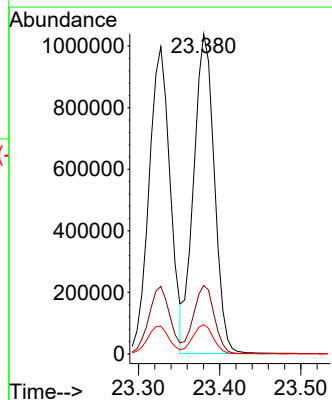
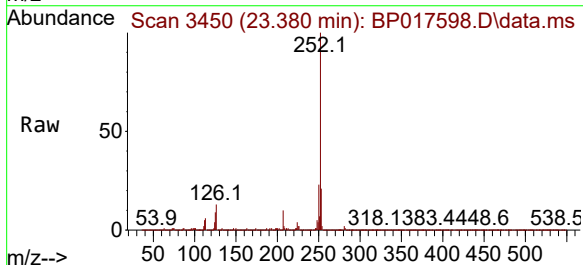
Tgt Ion:252 Resp: 1840139

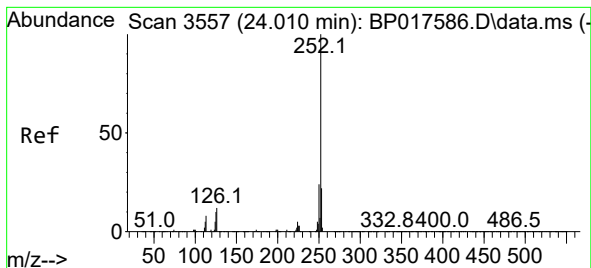
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 45.965 ng/ul

RT: 24.016 min Scan# 3557

Delta R.T. 0.006 min

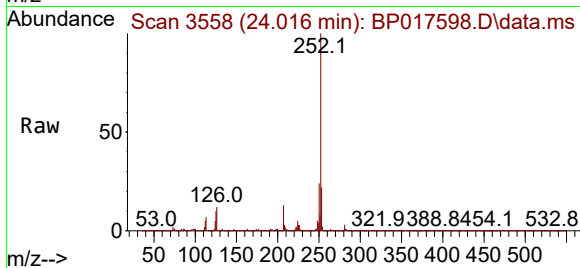
Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :



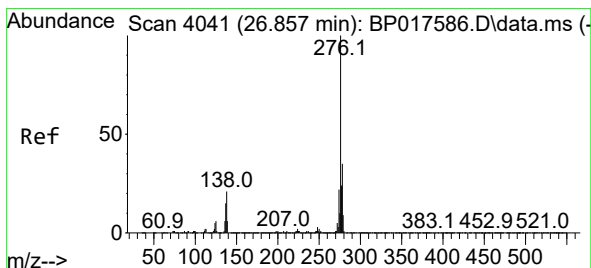
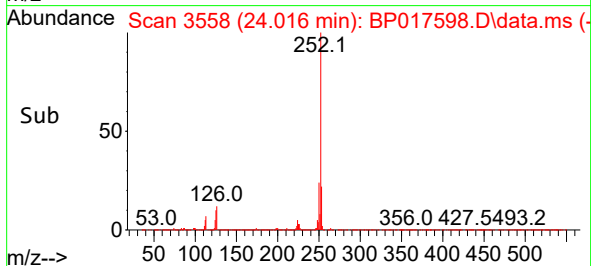
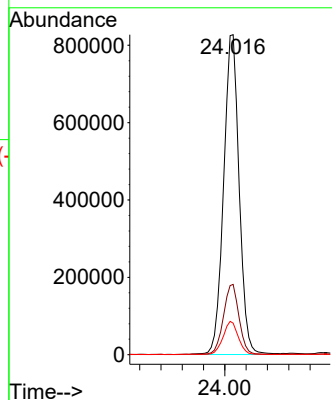
Tgt Ion:252 Resp: 1672654

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.9 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 45.913 ng/ul

RT: 26.863 min Scan# 4042

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

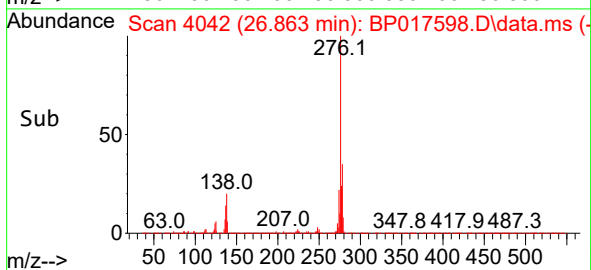
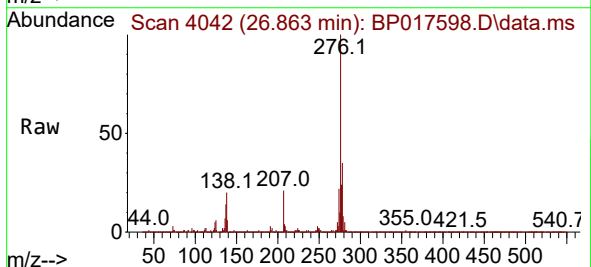
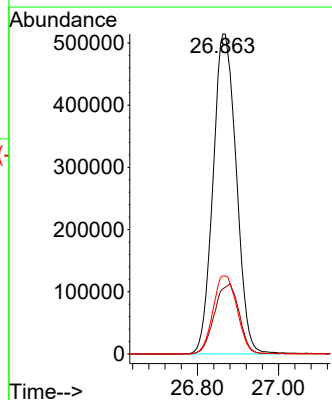
Tgt Ion:276 Resp: 2042495

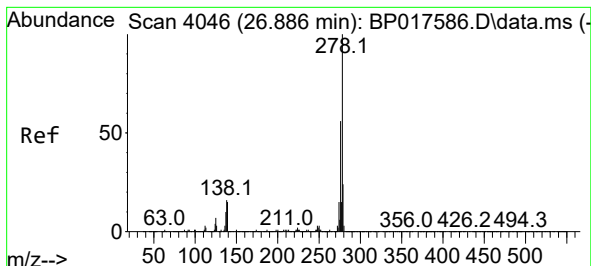
Ion Ratio Lower Upper

276 100

138 20.4 16.6 24.8

277 24.4 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 45.685 ng/ul

RT: 26.892 min Scan# 4047

Delta R.T. 0.006 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Instrument :

BNA_G

ClientSampleId :

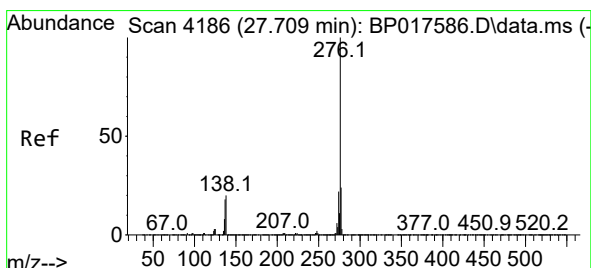
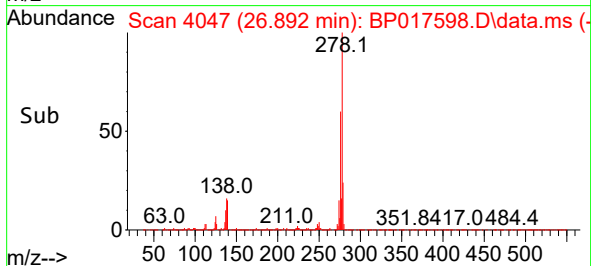
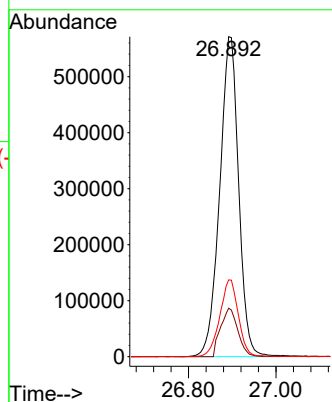
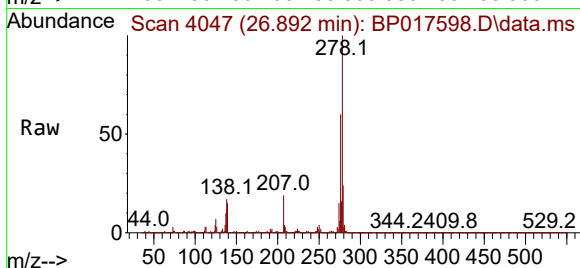
Tgt Ion:278 Resp: 1712491

Ion Ratio Lower Upper

278 100

139 15.2 11.5 17.3

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 46.038 ng/ul

RT: 27.727 min Scan# 4189

Delta R.T. 0.018 min

Lab File: BP017598.D

Acq: 06 Oct 2023 12:30

Tgt Ion:276 Resp: 1642922

Ion Ratio Lower Upper

276 100

138 20.2 16.1 24.1

277 24.1 18.7 28.1

