

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017599.D
 Acq On : 06 Oct 2023 13:04
 Operator : MA/JU
 Sample : PB155937BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 23:12:42 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	100193	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	425108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	275232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	619868	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	635713	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	678103	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	17074	6.813	ng/uL	0.00
4) Pyridine-d5	3.717	84	249195	37.988	ng/ul	0.00
7) Phenol-d5	7.093	99	333590	39.572	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	195020	37.913	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	263364	39.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	264793	39.237	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	127579	39.009	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	144646	39.213	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	275362	40.267	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	362343	37.195	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	830309	38.675	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	924109	39.036	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	144013	38.305	ng/ul	0.00
60) Fluorene-d10	15.634	176	709864	38.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	140151	36.267	ng/ul	0.00
73) Anthracene-d10	17.516	188	1126611	39.264	ng/ul	0.00
81) Pyrene-d10	19.775	212	1394618	39.480	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1392506	40.691	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	40298	15.642	ng/uL	94
5) Pyridine	3.740	79	254151	36.896	ng/ul	97
6) Benzaldehyde	7.093	77	176768	41.595	ng/ul	99
8) Phenol	7.116	94	365099	43.241	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	285739	41.796	ng/ul	98
12) 2-Chlorophenol	7.487	128	284813	42.396	ng/ul	98
13) 2-Methylphenol	8.387	108	268631	42.453	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	199253	22.135	ng/ul	99
16) Acetophenone	8.793	105	444845	41.797	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	233272	42.717	ng/ul	99
18) 4-Methylphenol	8.722	108	298864	43.648	ng/ul	99
19) Hexachloroethane	8.999	117	117766	39.492	ng/ul	96
22) Nitrobenzene	9.187	77	350796	41.701	ng/ul	99
23) Isophorone	9.699	82	645675	41.835	ng/ul	98
25) 2-Nitrophenol	9.893	139	166804	42.617	ng/ul	99
26) 2,4-Dimethylphenol	9.934	107	271340	34.965	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	390779	41.412	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	289561	43.609	ng/ul	98
30) Naphthalene	10.822	128	939186	41.408	ng/ul	100
32) 4-Chloroaniline	10.963	127	322475	34.680	ng/ul	99
33) Hexachlorobutadiene	11.046	225	195110	40.462	ng/ul	98
34) Caprolactam	11.804	113	91660	44.483	ng/ul	97
35) 4-Chloro-3-methylphenol	12.075	107	311510	44.452	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	650082	41.945	ng/ul	99

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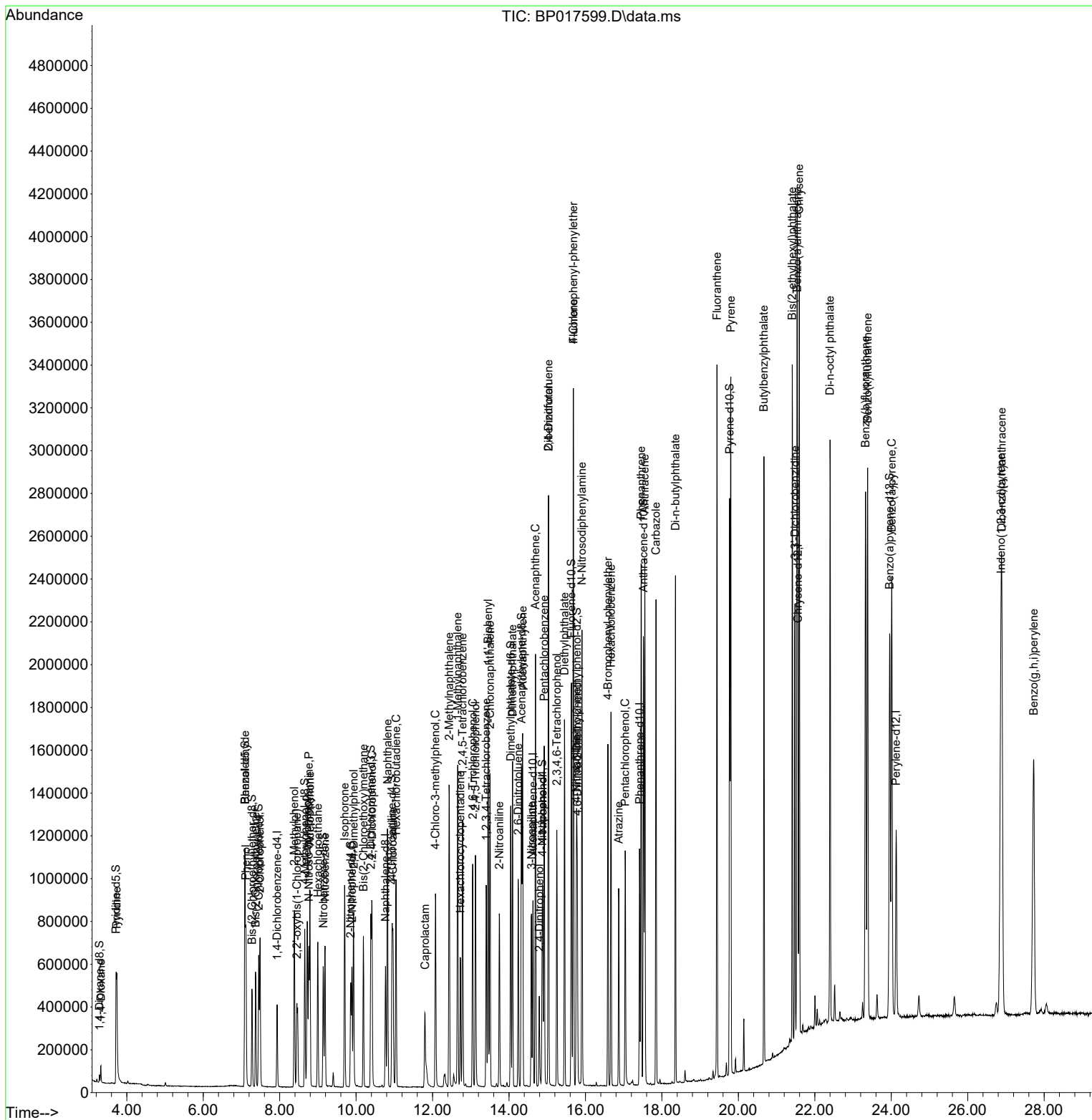
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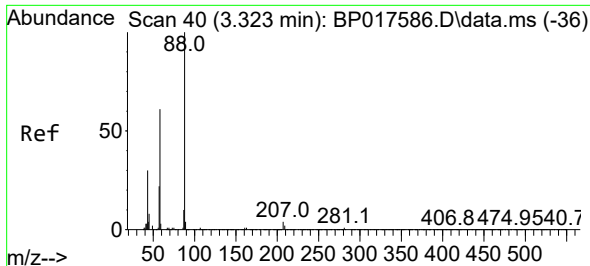
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	636948	40.057	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	365659	40.550	ng/ul	100
40) Hexachlorocyclopentadiene	12.728	237	155213	30.518	ng/ul	98
41) 2,4,6-Trichlorophenol	13.051	196	231997	40.370	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	257491	42.553	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	865525	41.080	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	688724	41.114	ng/ul	99
45) 2-Nitroaniline	13.746	65	209443	44.995	ng/ul	97
47) Dimethylphthalate	14.093	163	899332	41.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	178805	44.468	ng/ul	97
50) Acenaphthylene	14.357	152	1126857	41.160	ng/ul	99
51) 3-Nitroaniline	14.587	138	183076	47.761	ng/ul	95
52) Acenaphthene	14.693	153	750205	41.514	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	84334	35.432	ng/ul	90
55) 4-Nitrophenol	14.881	109	138699	41.083	ng/ul	99
56) Dibenzofuran	15.034	168	1062873	41.791	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	271612	45.257	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.251	232	220388	41.150	ng/ul	99
59) Diethylphthalate	15.451	149	908607	41.980	ng/ul	100
61) Fluorene	15.687	166	884426	42.106	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.681	204	454275	42.217	ng/ul	98
63) 4-Nitroaniline	15.763	138	189544	52.609	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.787	198	159874	38.670	ng/ul	99
67) N-Nitrosodiphenylamine	15.910	169	738377	42.541	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	280780	42.727	ng/ul	96
69) Hexachlorobenzene	16.669	284	329444	42.569	ng/ul	99
70) Atrazine	16.869	200	159974	23.822	ng/ul	98
71) Pentachlorophenol	17.039	266	183147	39.093	ng/ul	97
72) Phenanthrene	17.457	178	1421897	42.621	ng/ul	100
74) Anthracene	17.551	178	1431793	42.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	268536	29.307	ng/uL	98
76) Pentachlorobenzene	14.922	250	361473	39.741	ng/uL	99
77) Carbazole	17.845	167	1302060	42.643	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1575511	42.811	ng/ul	99
80) Fluoranthene	19.439	202	1757601	42.711	ng/ul	98
82) Pyrene	19.804	202	1840641	42.392	ng/ul	98
83) Butylbenzylphthalate	20.669	149	743058	43.577	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	594302	41.144	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1902107	42.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1062246	43.219	ng/ul	100
87) Chrysene	21.592	228	1767142	42.448	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1845273	43.016	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1833742	43.078	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1877770	44.244	ng/ul	100
93) Benzo(a)pyrene	24.010	252	1706698	42.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	2081825	42.792	ng/ul	99
95) Dibenzo(a,h)anthracene	26.892	278	1742759	42.514	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	1675869	42.942	ng/ul	99

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

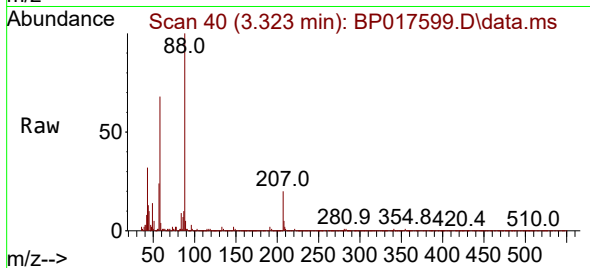
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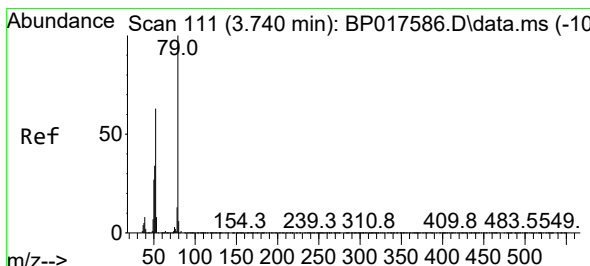
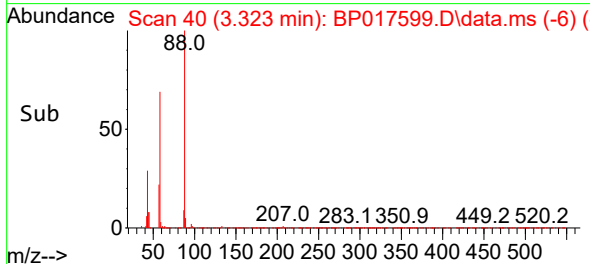
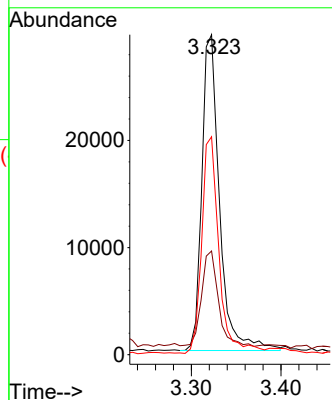


#2
1,4-Dioxane
Concen: 15.642 ng/uL
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP017599.D
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BNA_G
ClientSampleId :

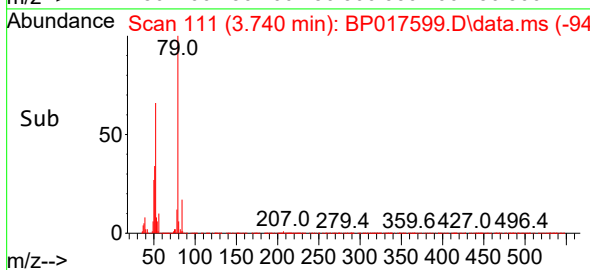
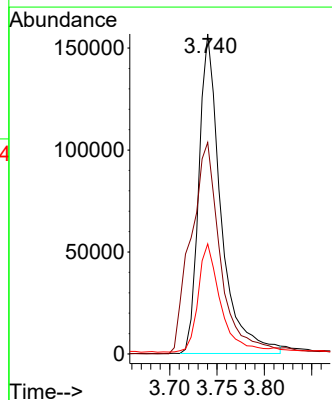
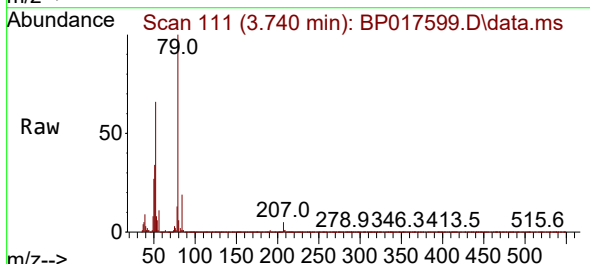


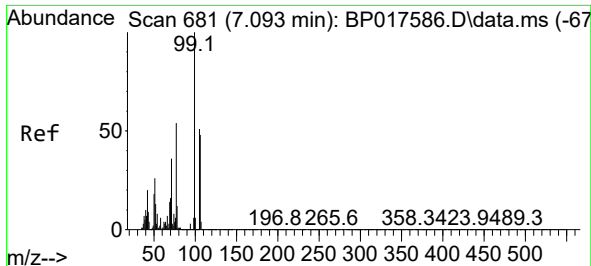
Tgt Ion: 88 Resp: 40298
Ion Ratio Lower Upper
88 100
43 32.4 22.6 34.0
58 68.1 51.4 77.2



#5
Pyridine
Concen: 36.896 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion: 79 Resp: 254151
Ion Ratio Lower Upper
79 100
52 66.1 52.6 78.8
51 34.4 31.7 47.5

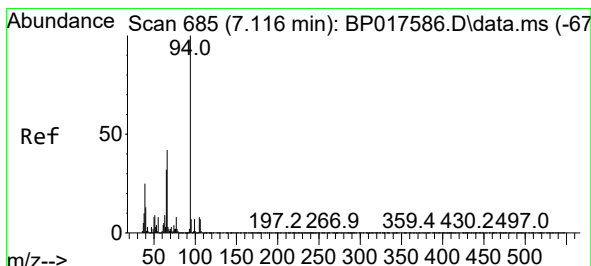
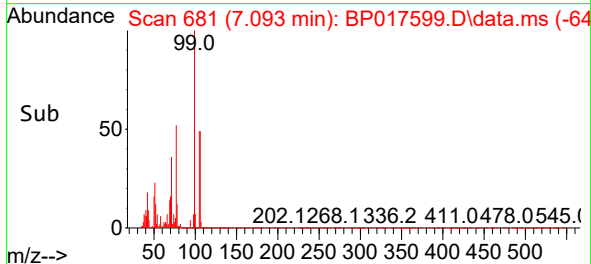
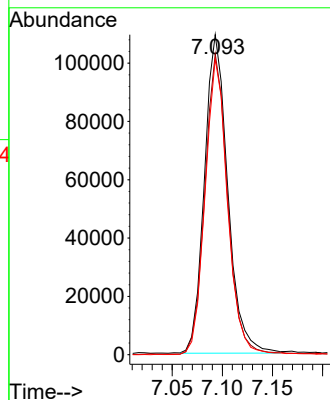
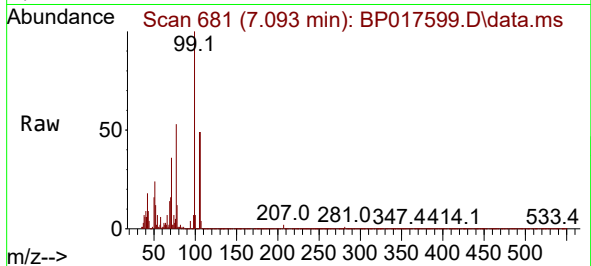




#6
Benzaldehyde
Concen: 41.595 ng/ul
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

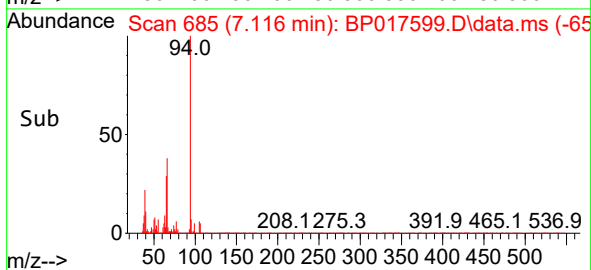
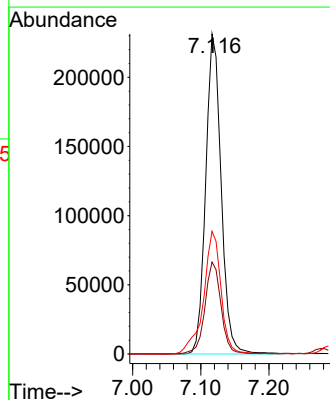
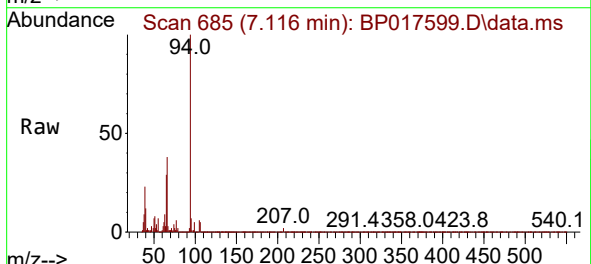
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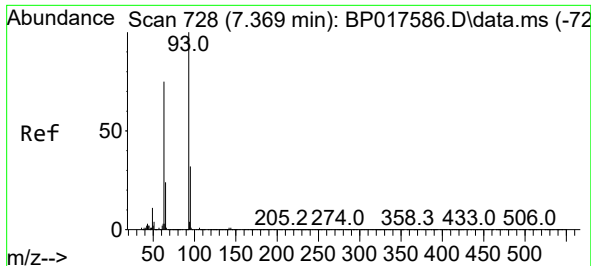
Tgt Ion: 77 Resp: 176768
Ion Ratio Lower Upper
77 100
105 94.0 74.6 112.0
106 92.5 72.8 109.2



#8
Phenol
Concen: 43.241 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

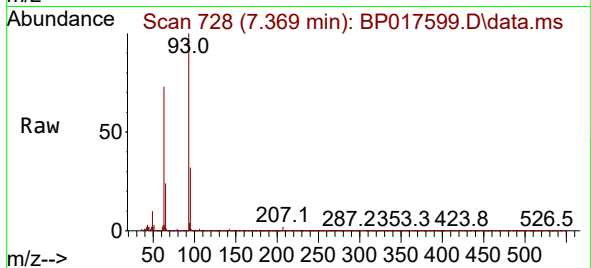
Tgt Ion: 94 Resp: 365099
Ion Ratio Lower Upper
94 100
65 28.7 23.5 35.3
66 38.3 32.3 48.5



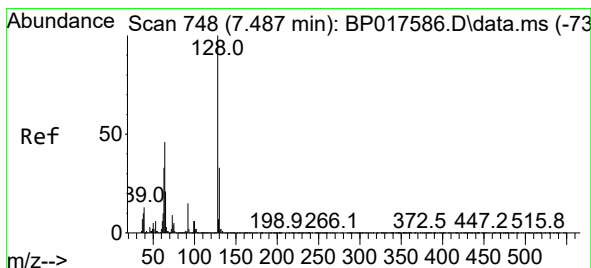
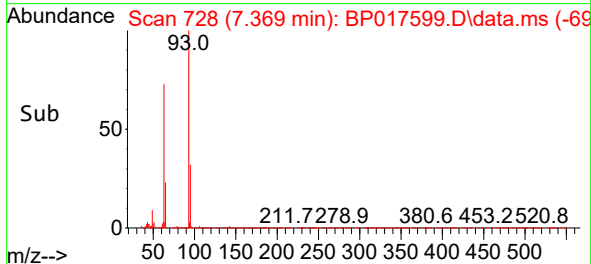
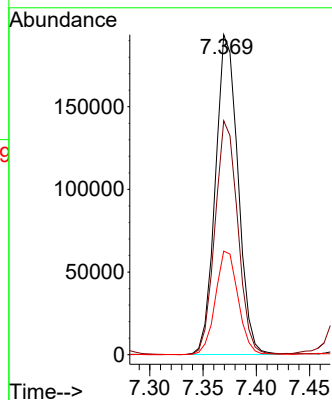


#10
 Bis(2-Chloroethyl)ether
 Concen: 41.796 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

Instrument :
 BNA_G
 ClientSampleId :

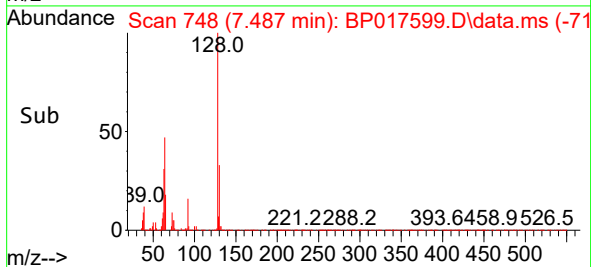
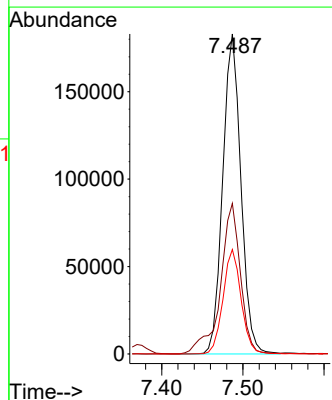
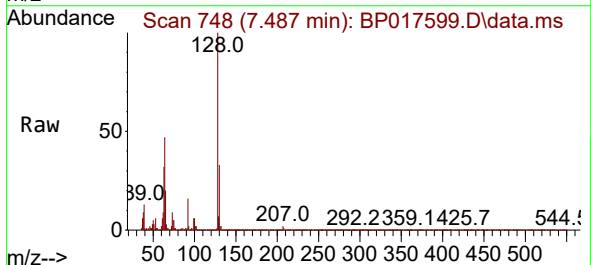


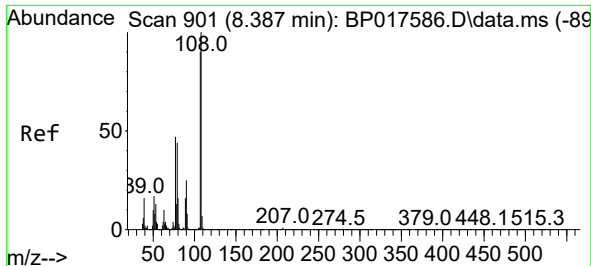
Tgt Ion: 93 Resp: 285739
 Ion Ratio Lower Upper
 93 100
 63 73.1 60.0 90.0
 95 32.4 25.9 38.9



#12
 2-Chlorophenol
 Concen: 42.396 ng/ul
 RT: 7.487 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

Tgt Ion:128 Resp: 284813
 Ion Ratio Lower Upper
 128 100
 64 47.1 36.7 55.1
 130 32.7 25.4 38.0

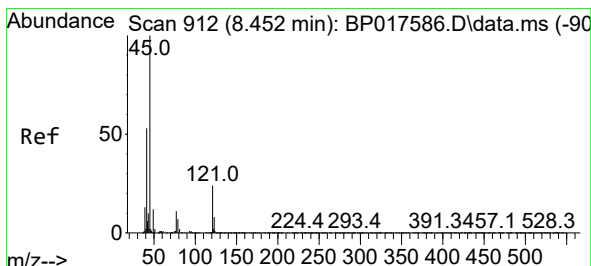
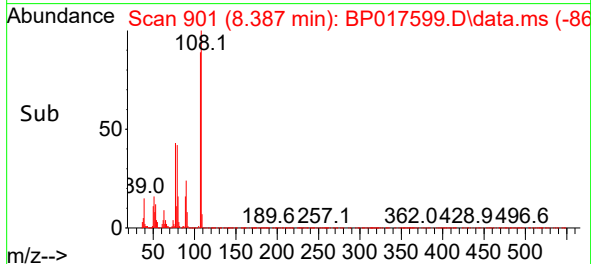
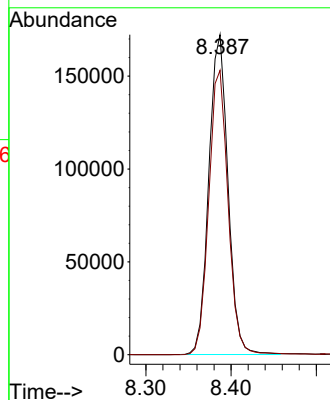
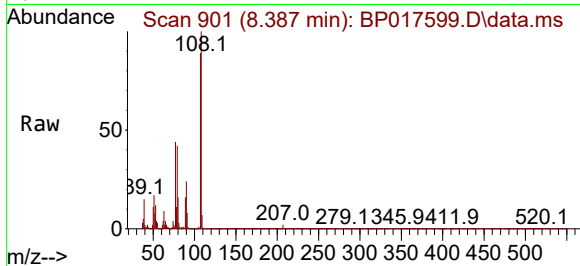




#13
2-Methylphenol
Concen: 42.453 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

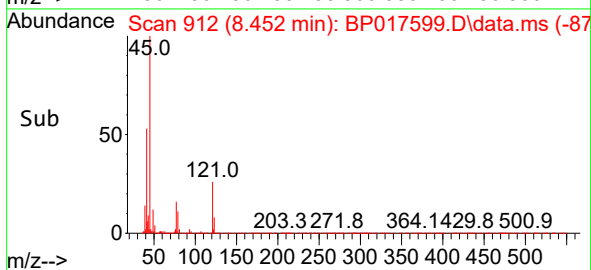
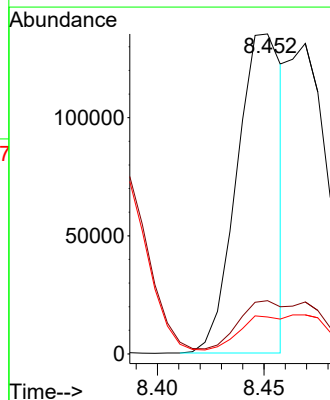
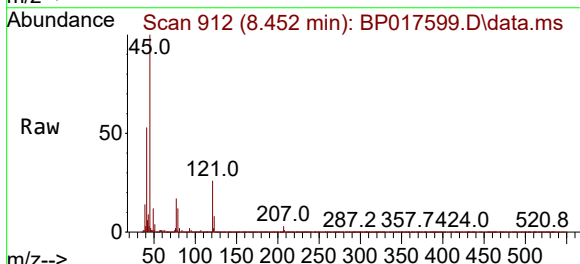
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ClientSampleId :

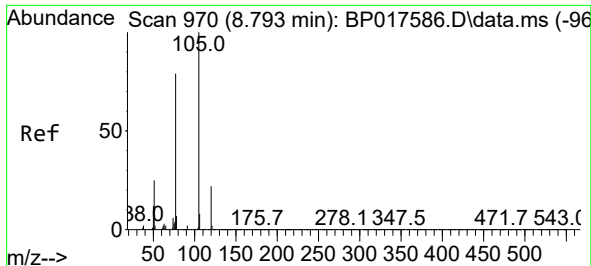
Tgt Ion:108 Resp: 268631
Ion Ratio Lower Upper
108 100
107 88.9 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.135 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion: 45 Resp: 199253
Ion Ratio Lower Upper
45 100
77 16.6 12.9 19.3
79 11.5 9.0 13.4

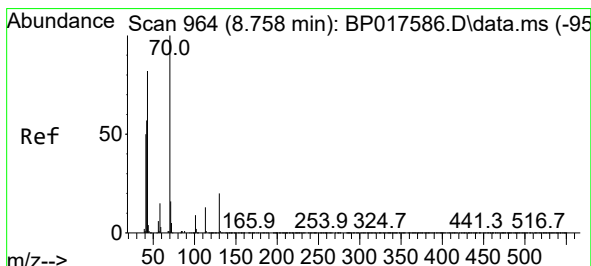
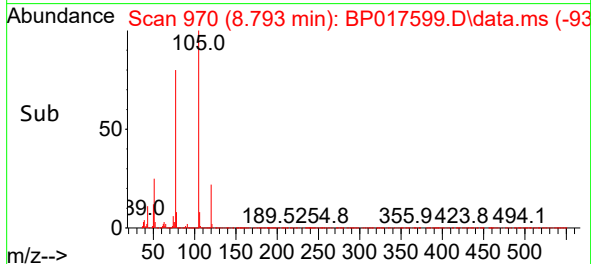
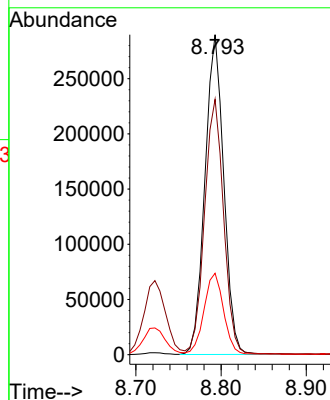
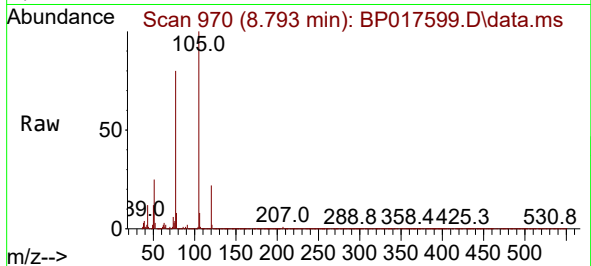




#16
Acetophenone
Concen: 41.797 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

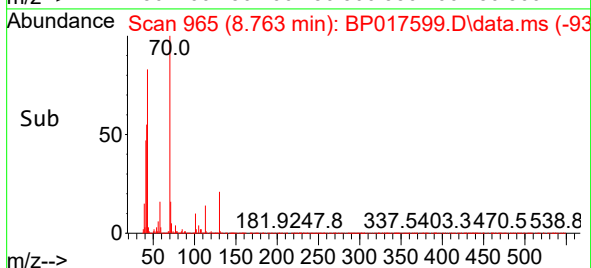
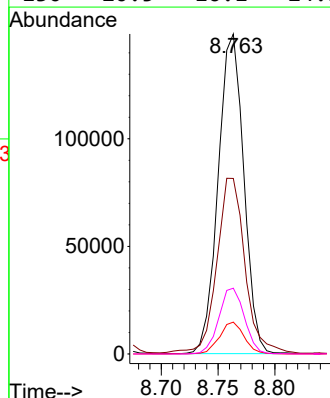
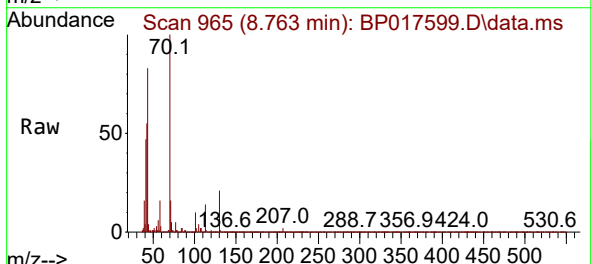
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ClientSampleId :

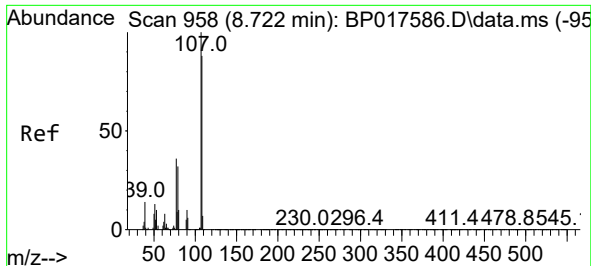
Tgt Ion:105 Resp: 444845
Ion Ratio Lower Upper
105 100
77 79.8 63.5 95.3
51 25.5 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 42.717 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion: 70 Resp: 233272
Ion Ratio Lower Upper
70 100
42 54.8 44.9 67.3
101 10.0 7.7 11.5
130 20.5 16.1 24.1

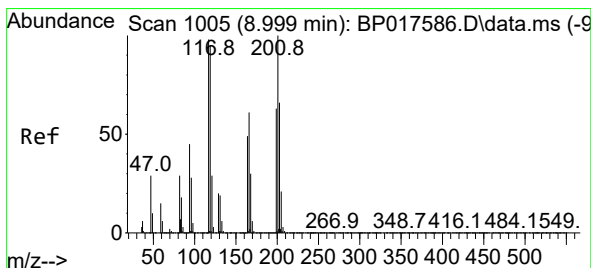
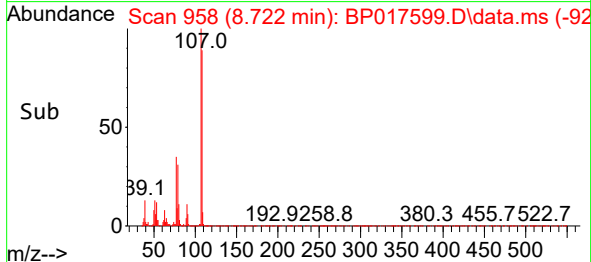
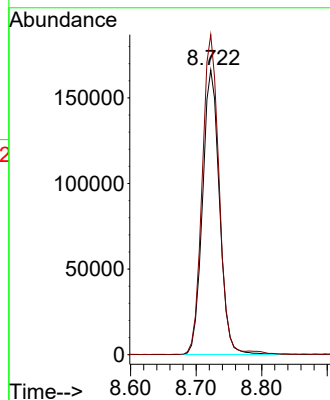
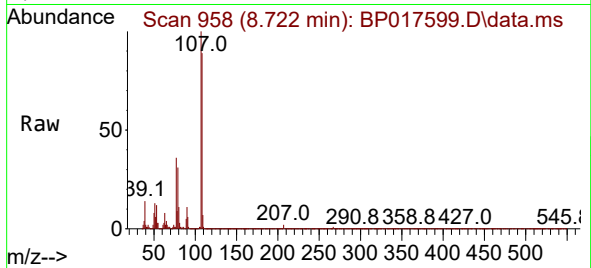




#18
4-Methylphenol
Concen: 43.648 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

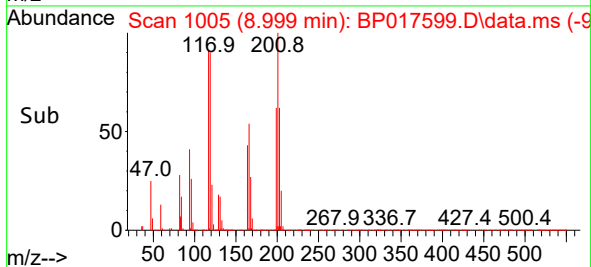
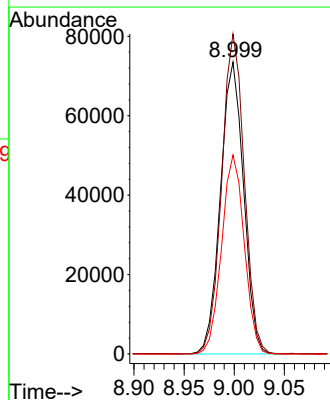
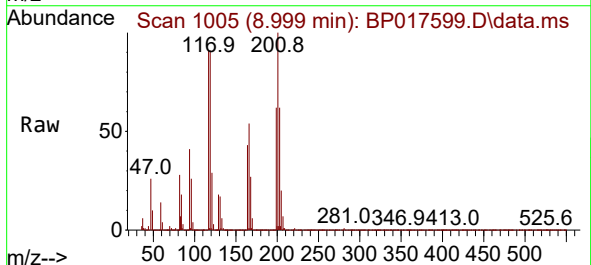
Instrument :
BNA_G
ClientSampleId :

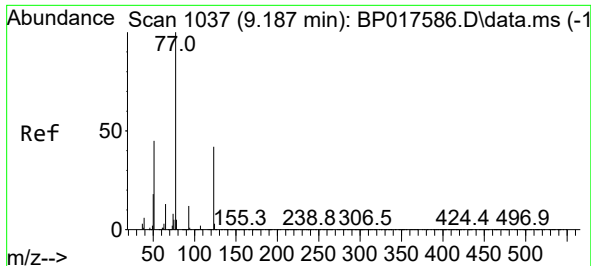
Tgt Ion:108 Resp: 298864
Ion Ratio Lower Upper
108 100
107 112.3 89.0 133.6



#19
Hexachloroethane
Concen: 39.492 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:117 Resp: 117766
Ion Ratio Lower Upper
117 100
201 109.7 83.2 124.8
199 68.2 52.8 79.2

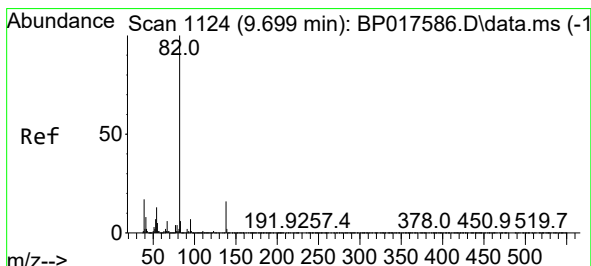
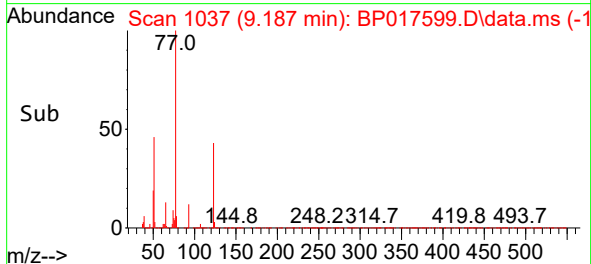
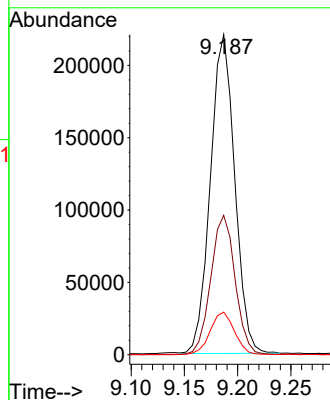
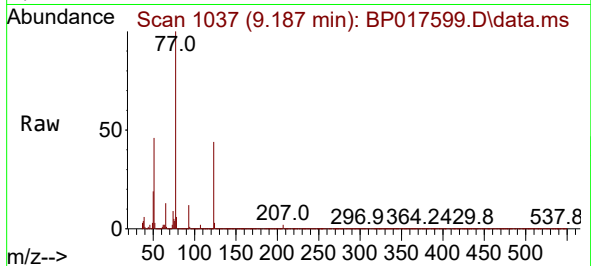




#22
Nitrobenzene
Concen: 41.701 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

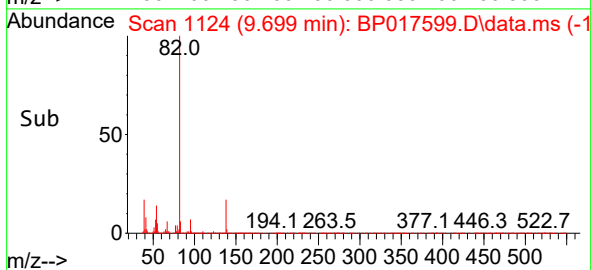
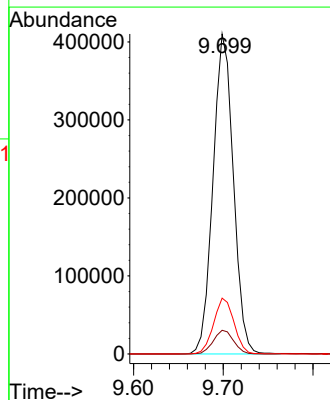
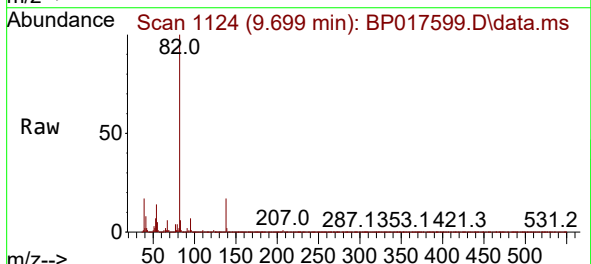
Instrument :
BNA_G
ClientSampleId :

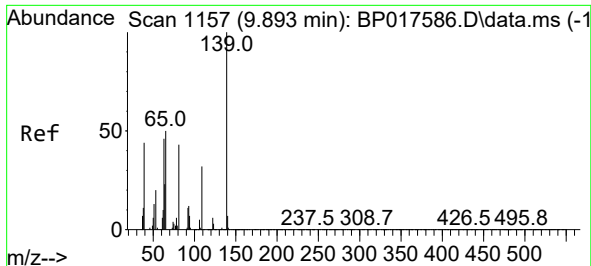
Tgt Ion: 77 Resp: 350796
Ion Ratio Lower Upper
77 100
123 43.6 35.0 52.6
65 13.3 11.0 16.4



#23
Isophorone
Concen: 41.835 ng/ul
RT: 9.699 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

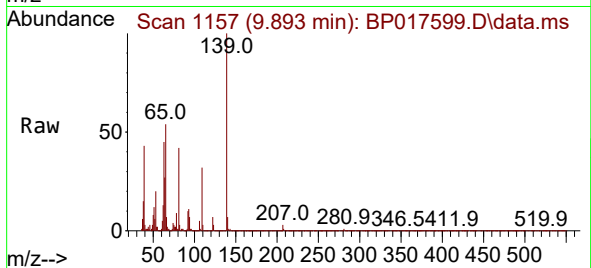
Tgt Ion: 82 Resp: 645675
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 17.5 14.6 21.8



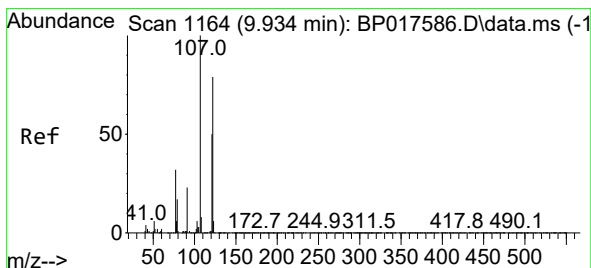
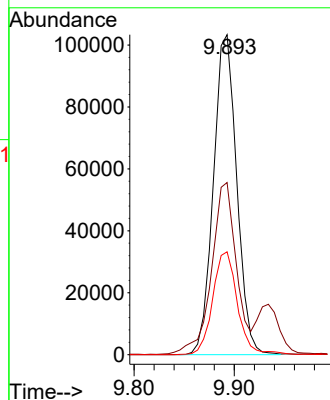
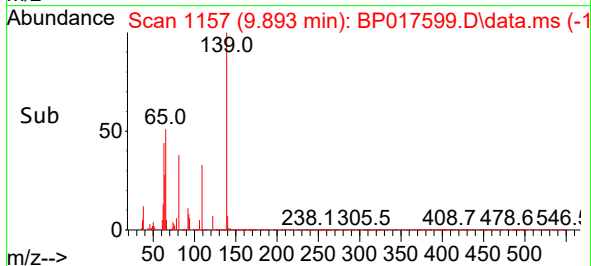


#25
2-Nitrophenol
Concen: 42.617 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Instrument :
BNA_G
ClientSampleId :

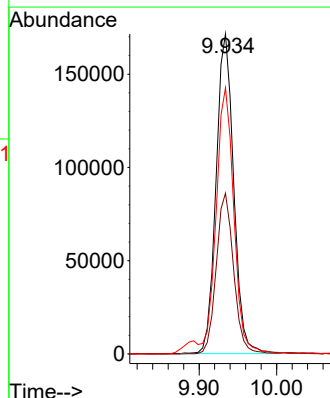
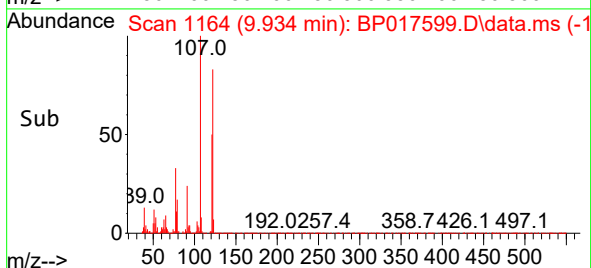
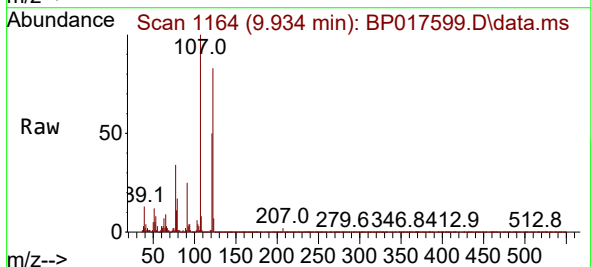


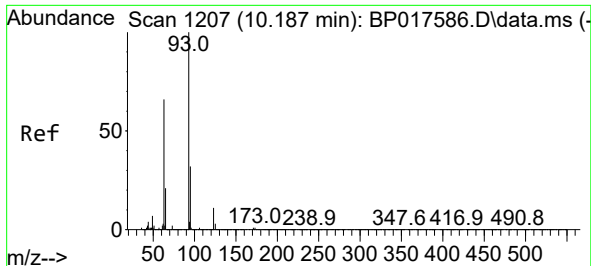
Tgt Ion:139 Resp: 166804
Ion Ratio Lower Upper
139 100
65 53.8 43.4 65.0
109 32.2 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 34.965 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:107 Resp: 271340
Ion Ratio Lower Upper
107 100
121 50.3 39.8 59.8
122 83.2 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 41.412 ng/ul

RT: 10.193 min Scan# 1208

Delta R.T. 0.006 min

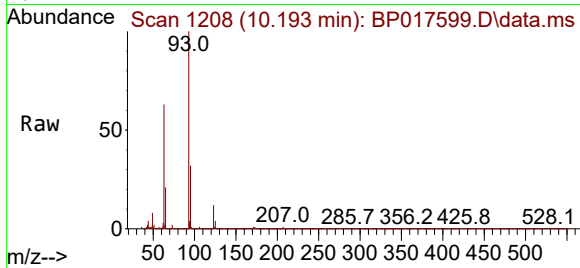
Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :



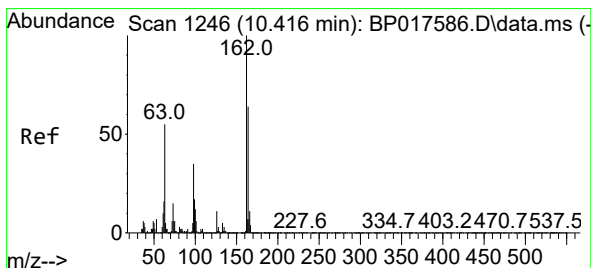
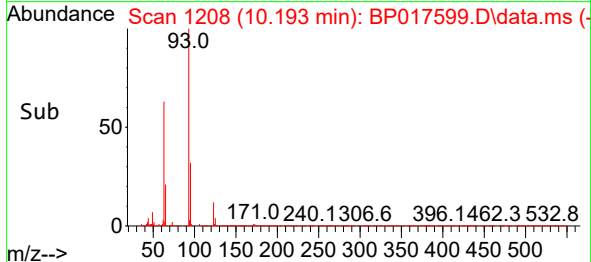
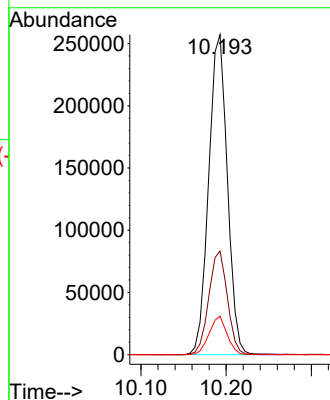
Tgt Ion: 93 Resp: 390779

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 12.0 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 43.609 ng/ul

RT: 10.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

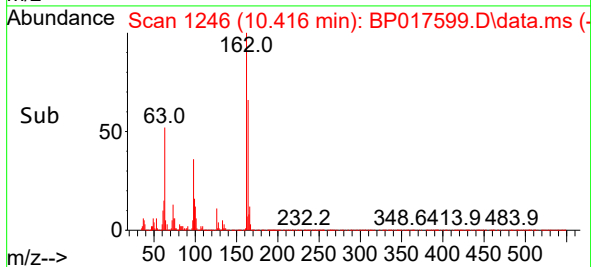
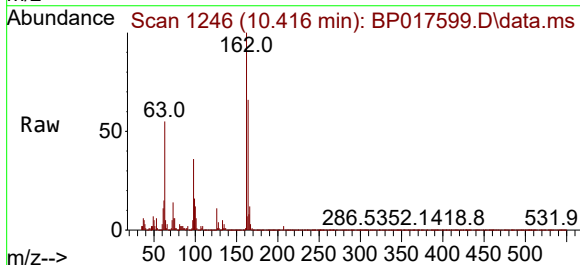
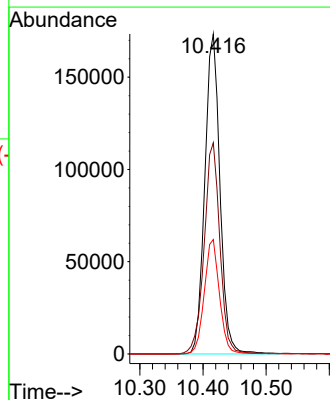
Tgt Ion:162 Resp: 289561

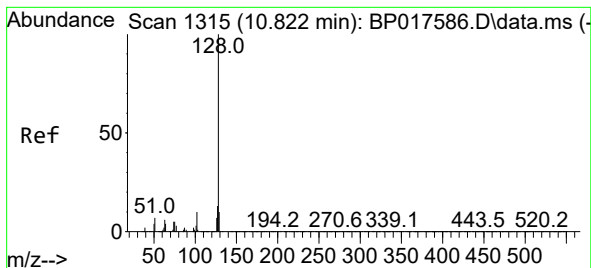
Ion Ratio Lower Upper

162 100

164 66.0 54.4 81.6

98 35.7 28.2 42.4

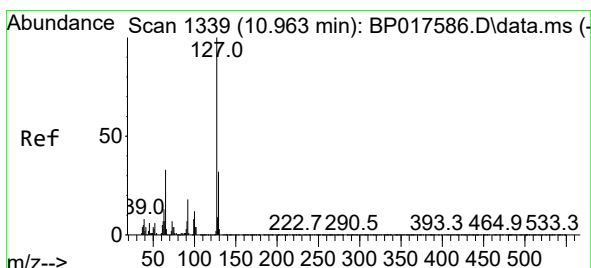
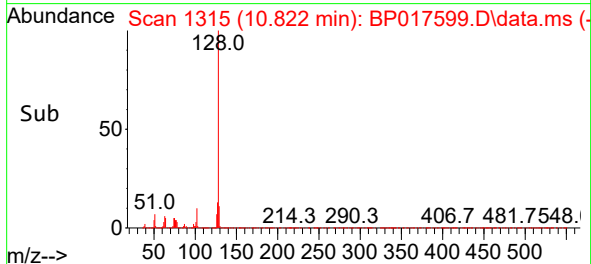
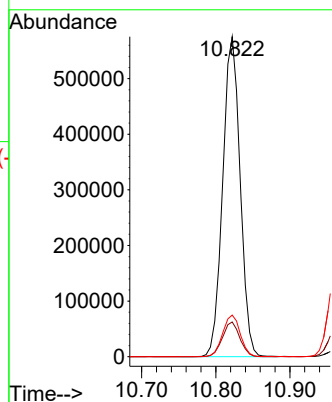
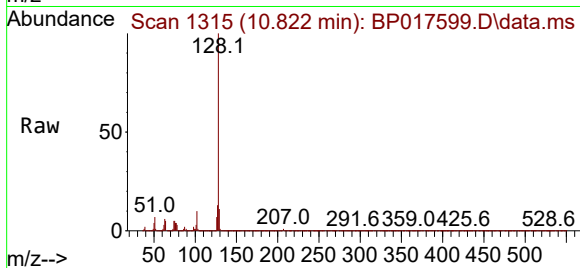




#30
Naphthalene
Concen: 41.408 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

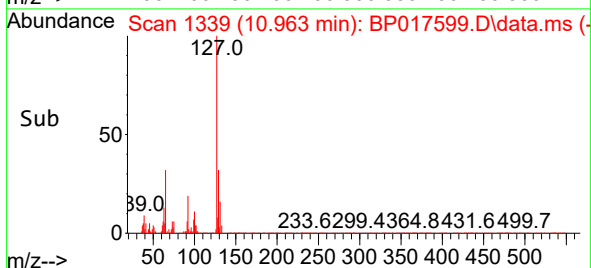
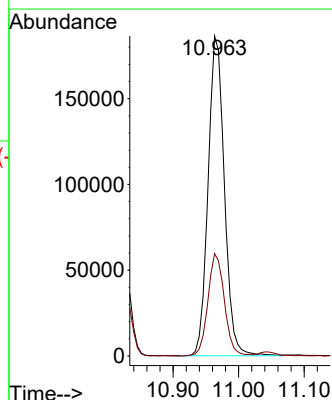
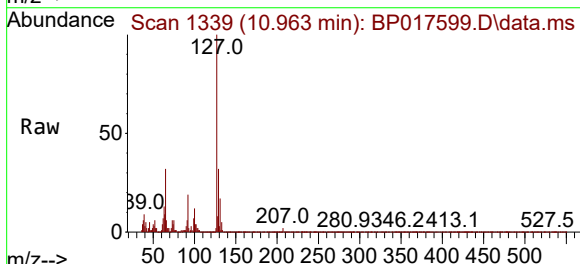
Instrument :
BNA_G
ClientSampleId :

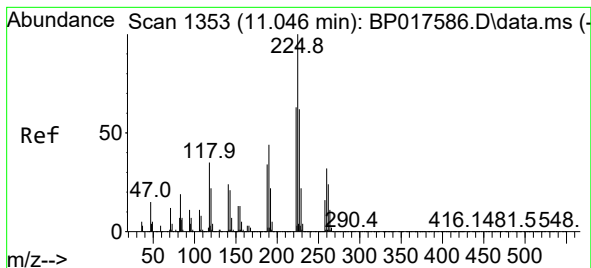
Tgt Ion:128 Resp: 939186
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 34.680 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:127 Resp: 322475
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.4

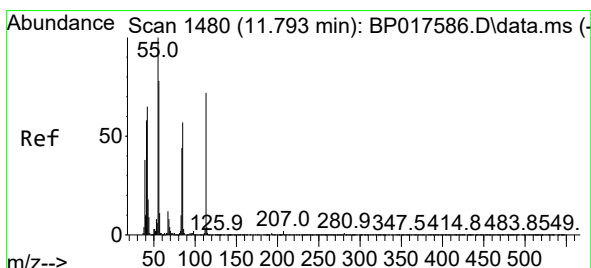
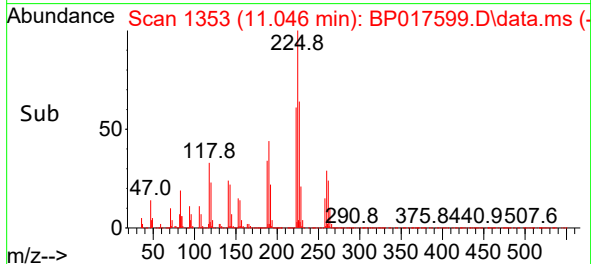
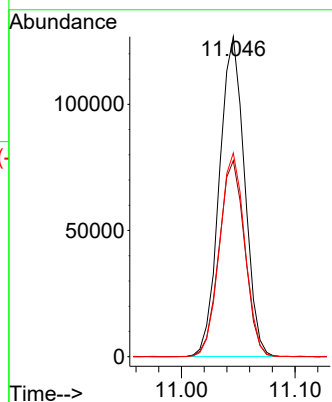
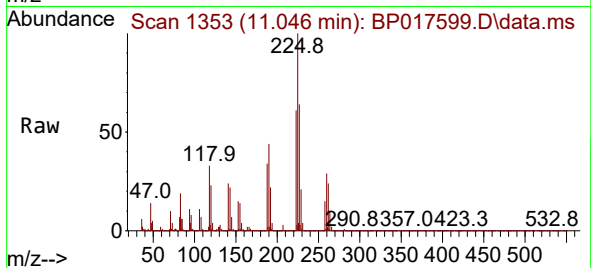




#33
Hexachlorobutadiene
Concen: 40.462 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

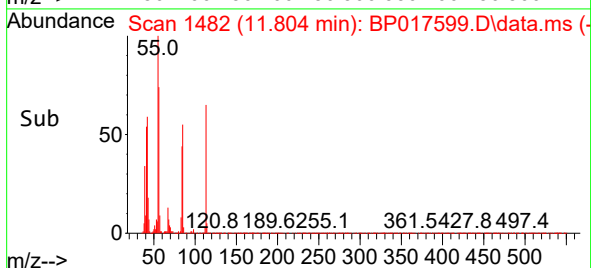
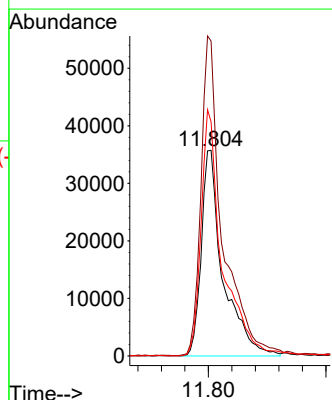
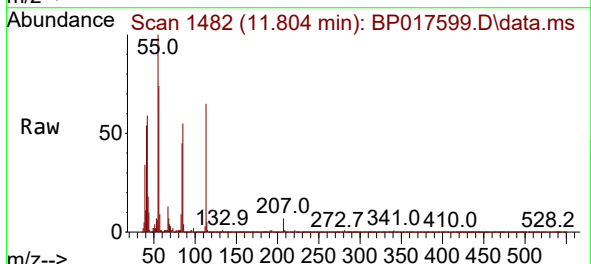
Instrument :
BNA_G
ClientSampleId :

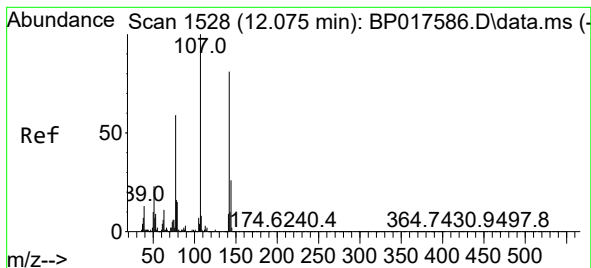
Tgt Ion:225 Resp: 195110
Ion Ratio Lower Upper
225 100
223 61.3 51.5 77.3
227 63.6 51.4 77.0



#34
Caprolactam
Concen: 44.483 ng/ul
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:113 Resp: 91660
Ion Ratio Lower Upper
113 100
55 153.1 124.6 187.0
56 113.9 94.7 142.1

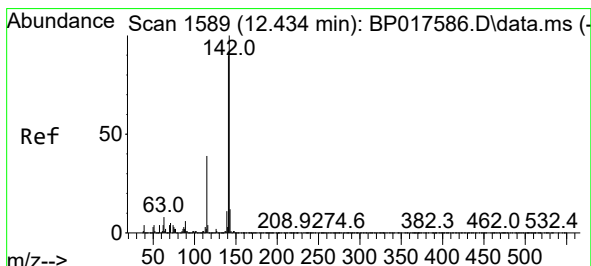
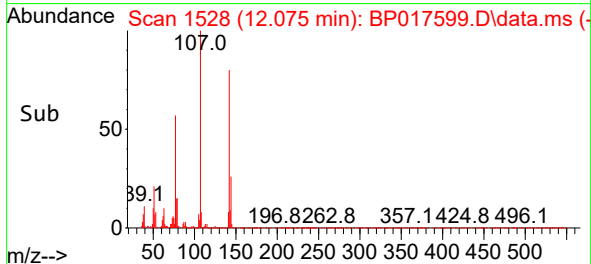
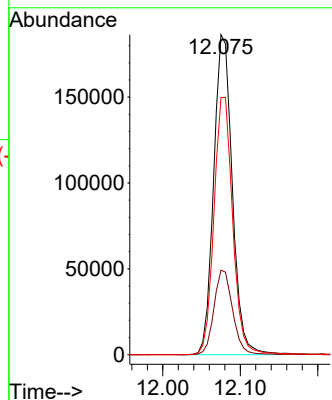
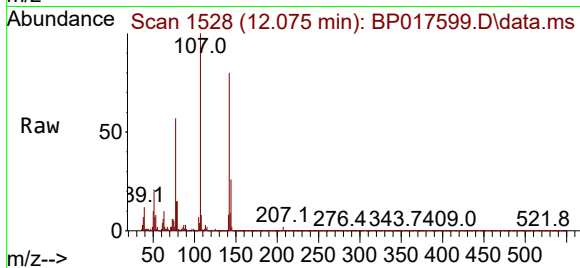




#35
4-Chloro-3-methylphenol
Concen: 44.452 ng/ul
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

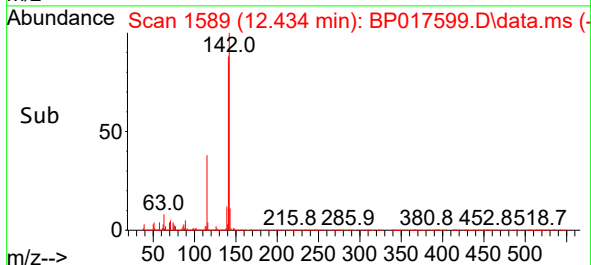
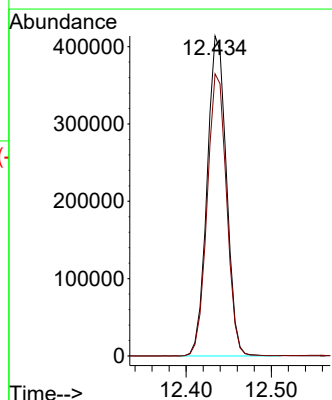
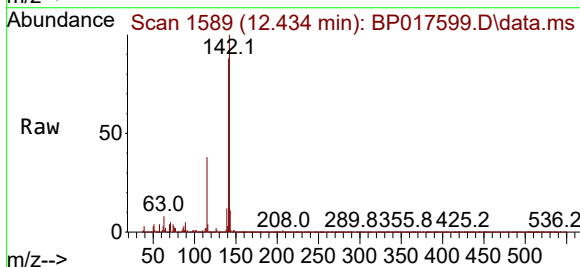
Instrument :
BNA_G
ClientSampleId :

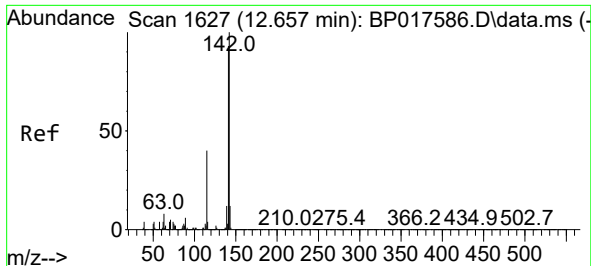
Tgt Ion:107 Resp: 311510
Ion Ratio Lower Upper
107 100
144 26.4 20.8 31.2
142 80.4 62.3 93.5



#36
2-Methylnaphthalene
Concen: 41.945 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:142 Resp: 650082
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2





#37

1-Methylnaphthalene

Concen: 40.057 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

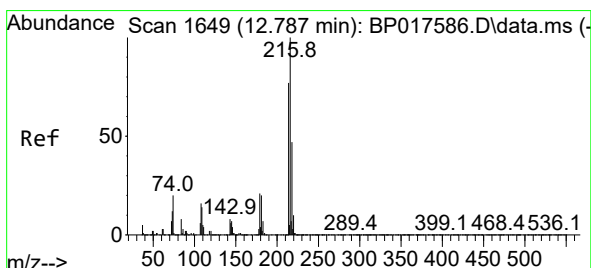
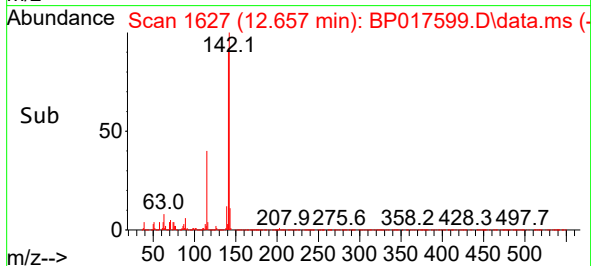
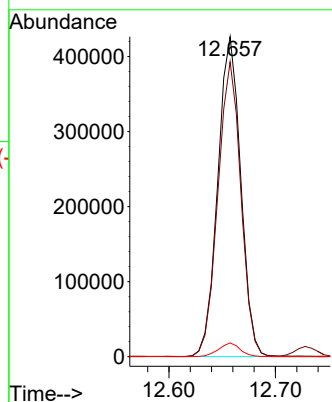
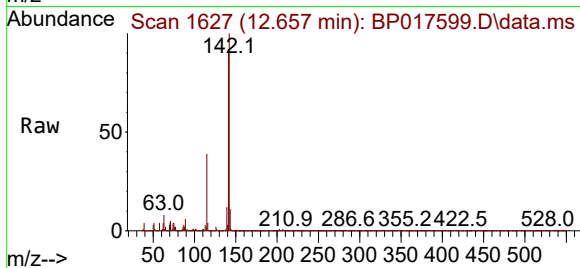
Tgt Ion:142 Resp: 636948

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1

116 4.3 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.550 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Tgt Ion:216 Resp: 365659

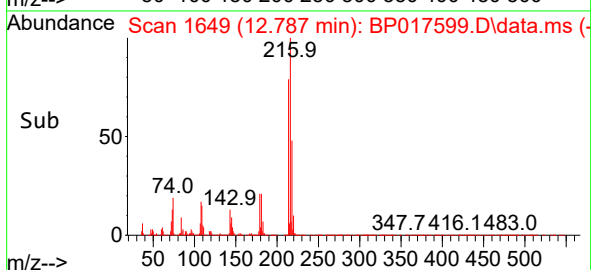
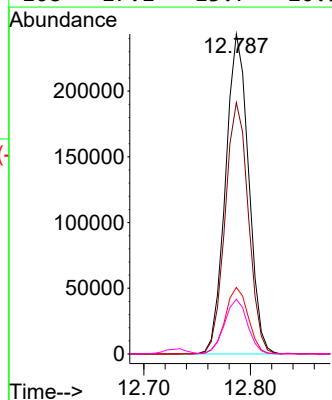
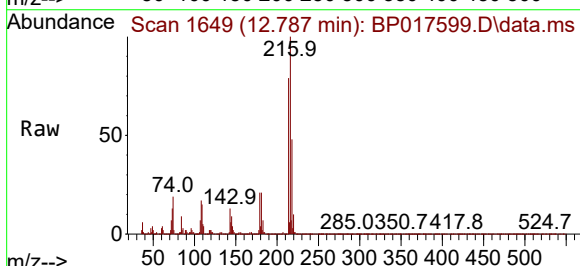
Ion Ratio Lower Upper

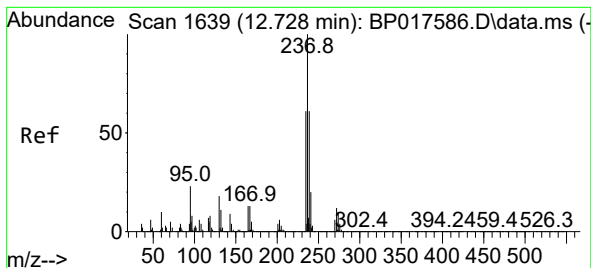
216 100

214 78.5 62.6 94.0

179 20.8 17.1 25.7

108 17.1 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 30.518 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

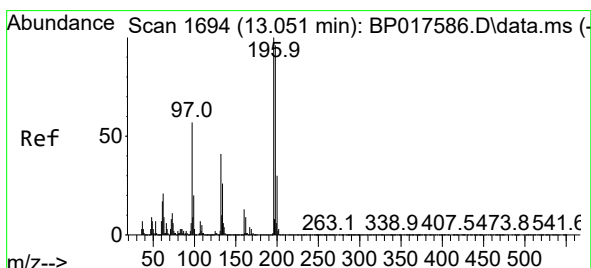
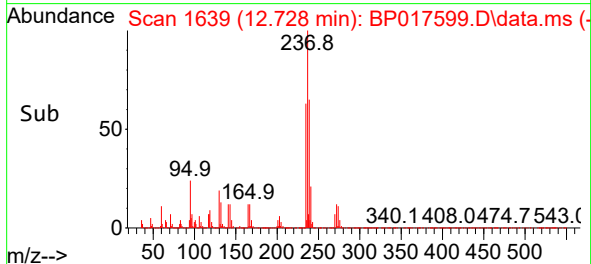
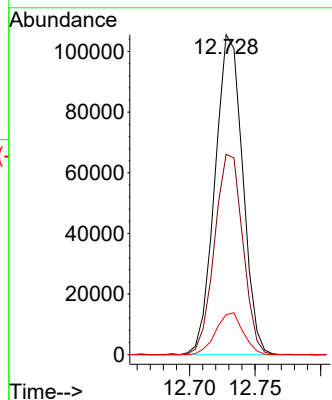
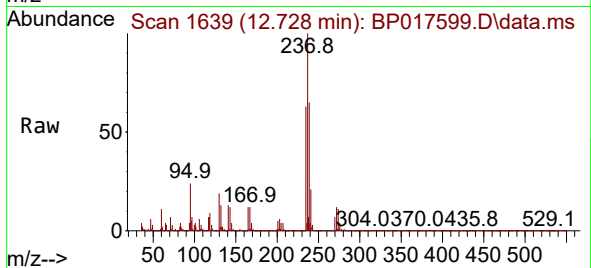
Tgt Ion:237 Resp: 155213

Ion Ratio Lower Upper

237 100

235 62.6 51.4 77.0

272 12.5 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 40.370 ng/ul

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

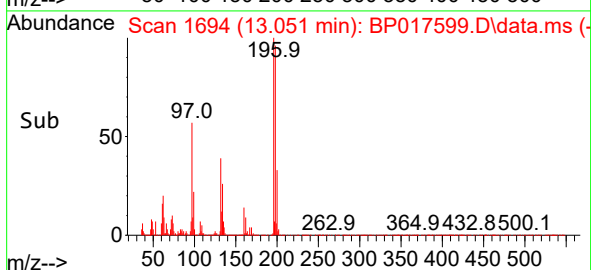
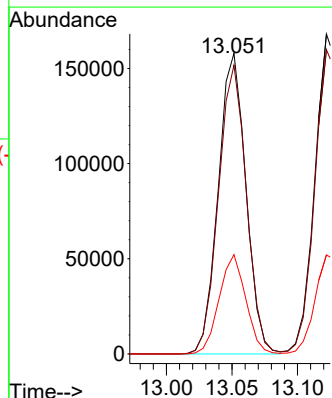
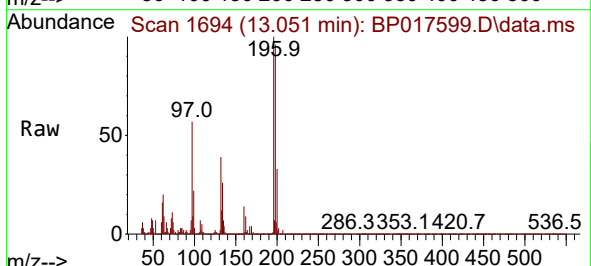
Tgt Ion:196 Resp: 231997

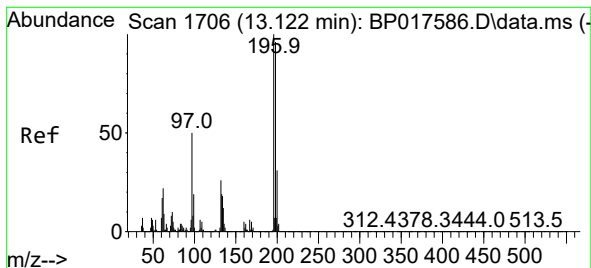
Ion Ratio Lower Upper

196 100

198 96.1 76.3 114.5

200 33.0 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 42.553 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

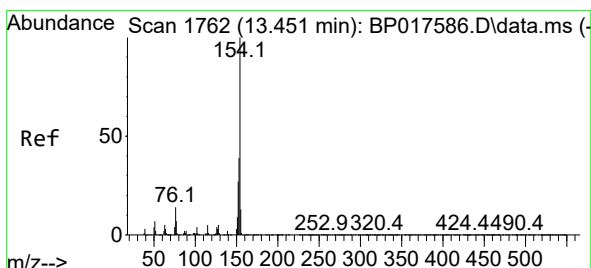
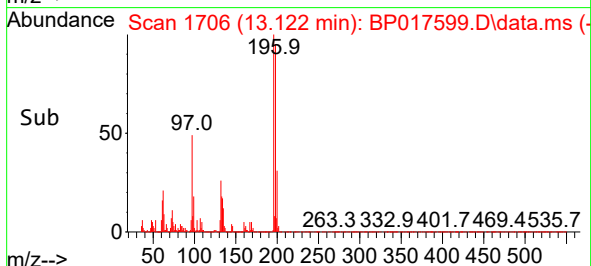
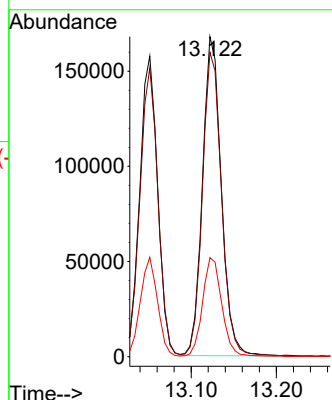
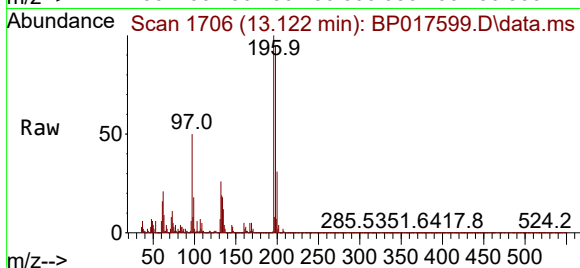
Tgt Ion:196 Resp: 257491

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.2

200 31.0 24.9 37.3



#43

1,1'-Biphenyl

Concen: 41.080 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

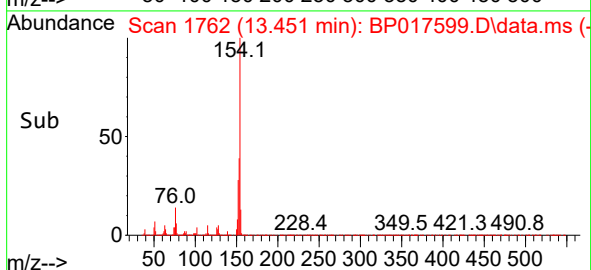
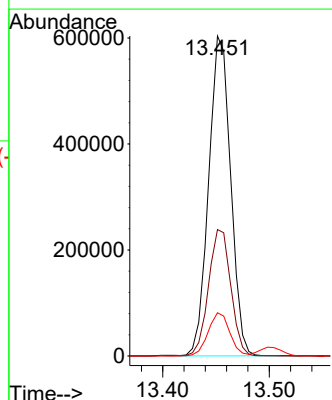
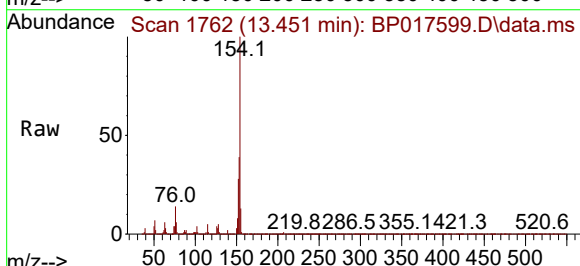
Tgt Ion:154 Resp: 865525

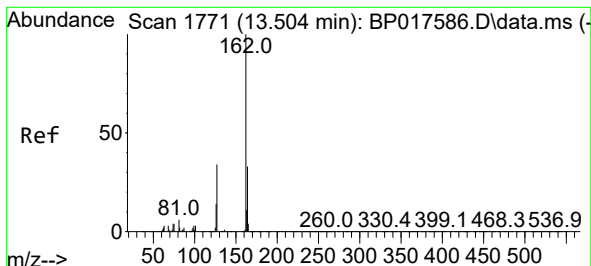
Ion Ratio Lower Upper

154 100

153 39.5 32.2 48.4

76 13.5 11.0 16.4

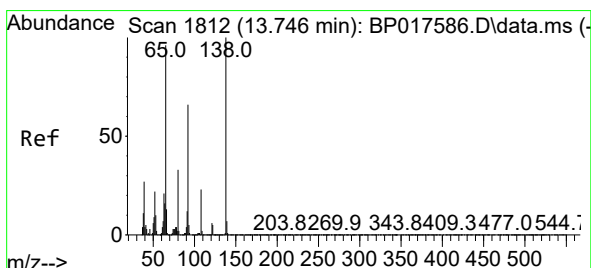
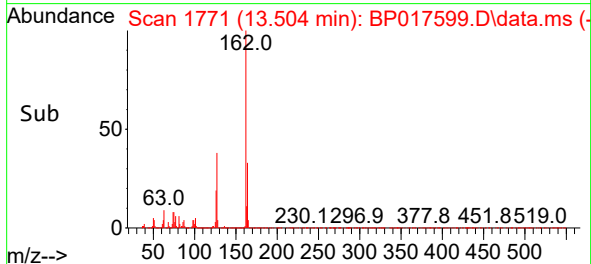
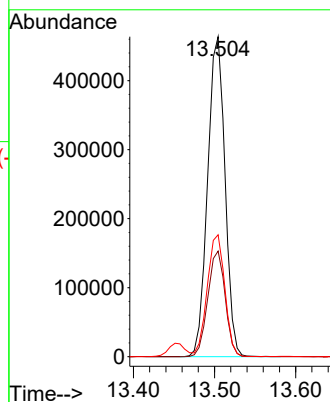
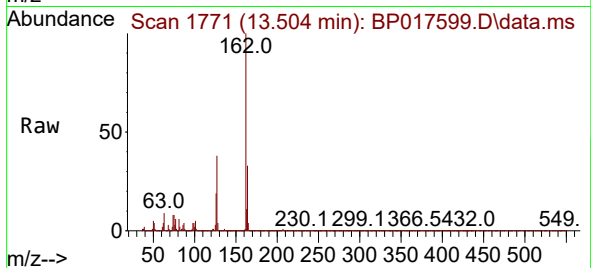




#44
2-Chloronaphthalene
Concen: 41.114 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

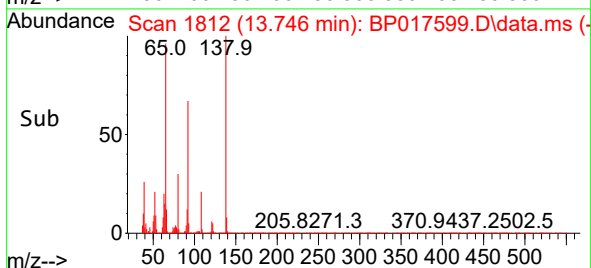
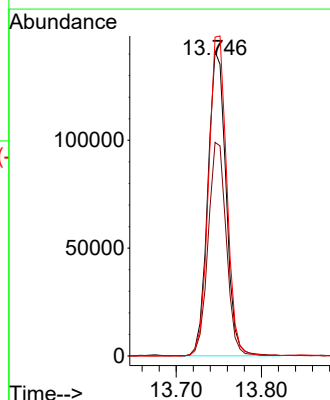
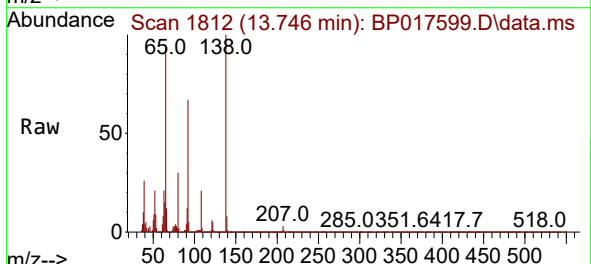
Instrument :
BNA_G
ClientSampleId :

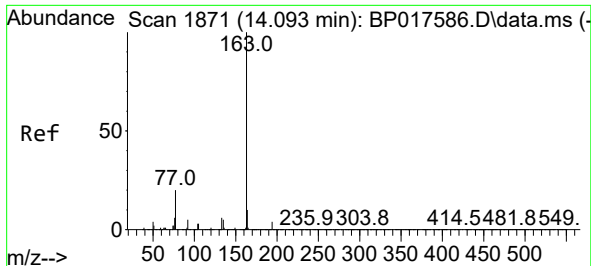
Tgt Ion:162 Resp: 688724
Ion Ratio Lower Upper
162 100
164 33.0 26.0 39.0
127 38.1 31.2 46.8



#45
2-Nitroaniline
Concen: 44.995 ng/ul
RT: 13.746 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion: 65 Resp: 209443
Ion Ratio Lower Upper
65 100
92 70.1 54.7 82.1
138 104.7 81.4 122.2

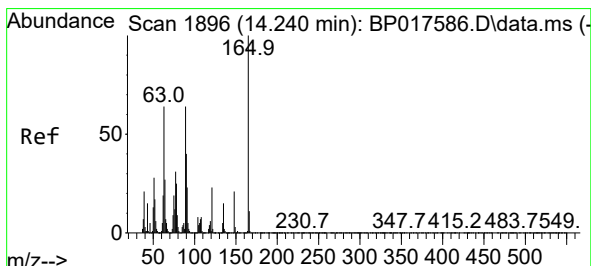
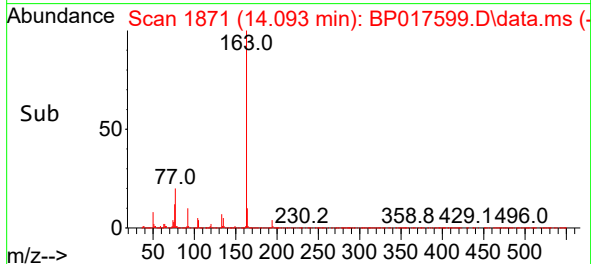
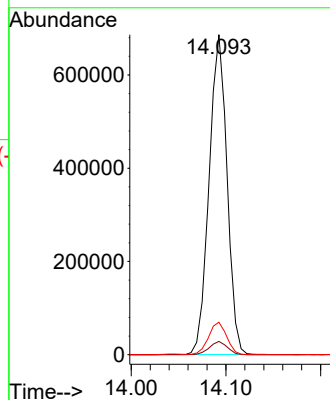
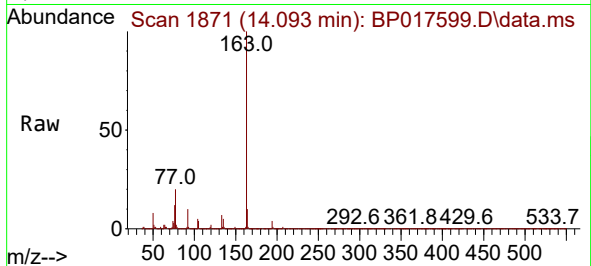




#47
Dimethylphthalate
Concen: 41.677 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

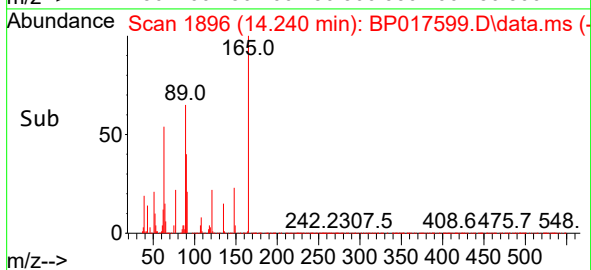
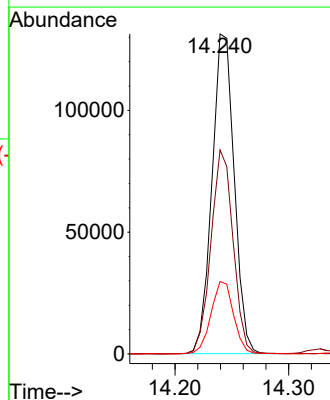
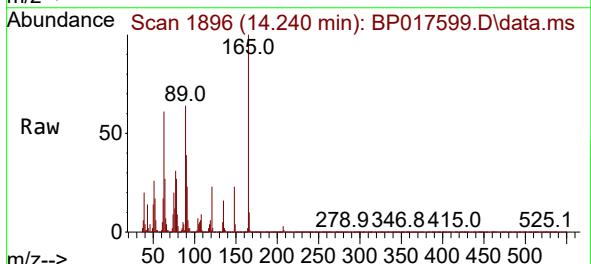
Instrument :
BNA_G
ClientSampleId :

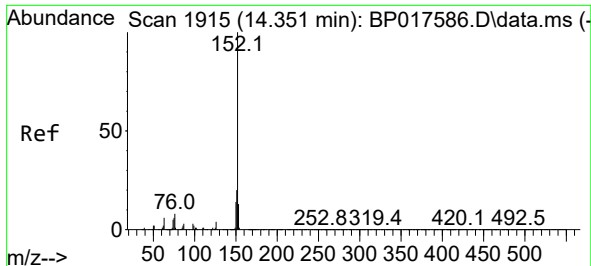
Tgt Ion:163 Resp: 899332
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 44.468 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:165 Resp: 178805
Ion Ratio Lower Upper
165 100
89 63.8 52.6 78.8
121 22.7 16.7 25.1

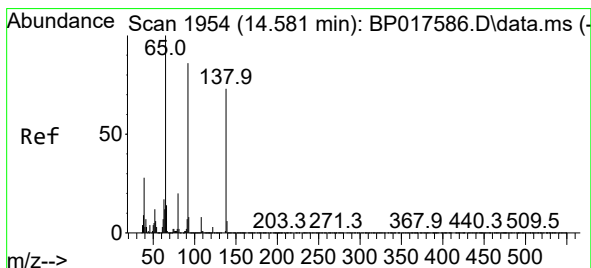
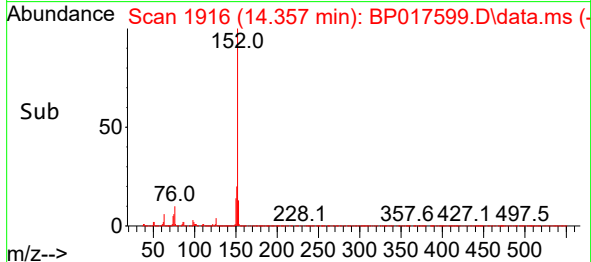
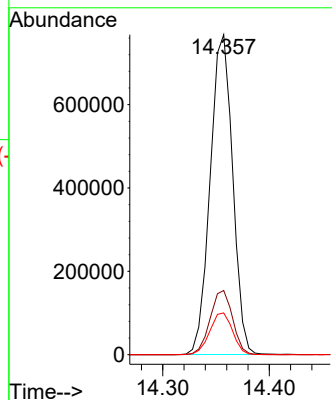
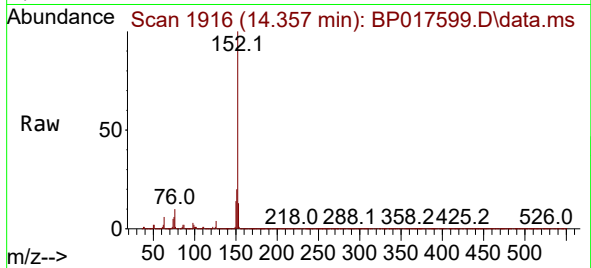




#50
Acenaphthylene
Concen: 41.160 ng/ul
RT: 14.357 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

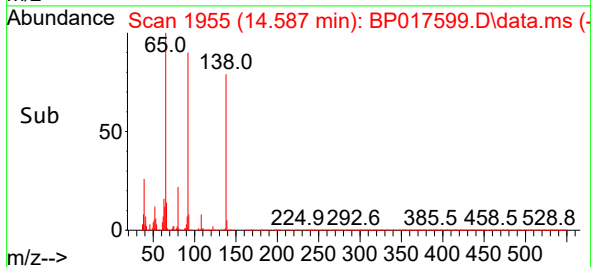
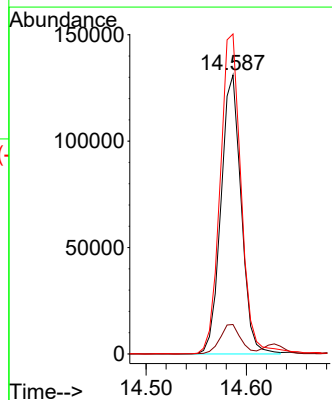
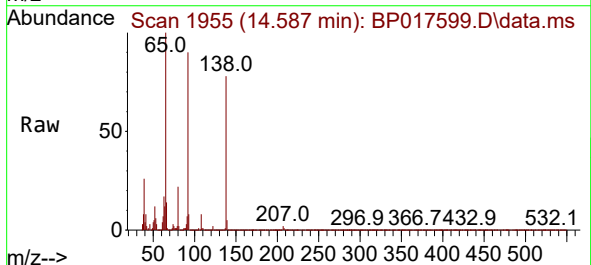
Instrument :
BNA_G
ClientSampleId :

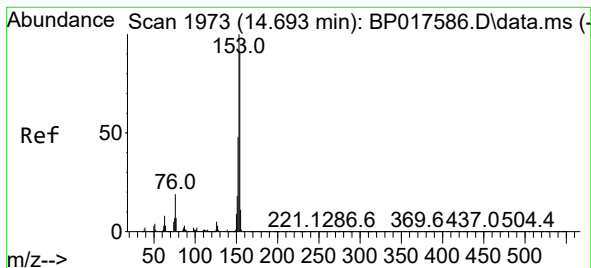
Tgt Ion:152 Resp: 1126857
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 47.761 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:138 Resp: 183076
Ion Ratio Lower Upper
138 100
108 10.5 9.3 13.9
92 114.8 96.4 144.6





#52

Acenaphthene

Concen: 41.514 ng/ul

RT: 14.693 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

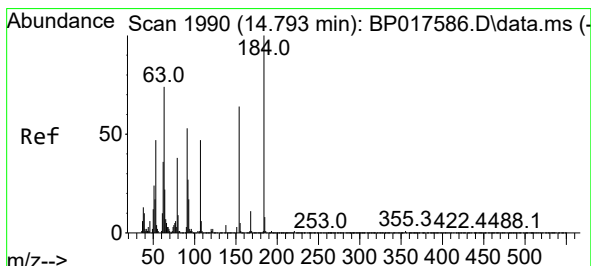
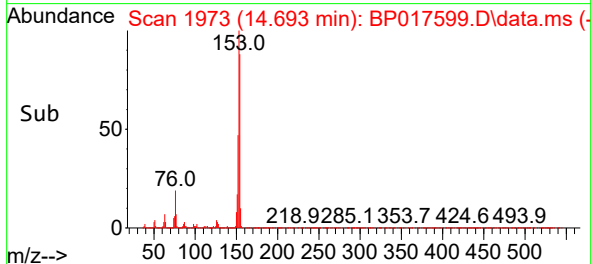
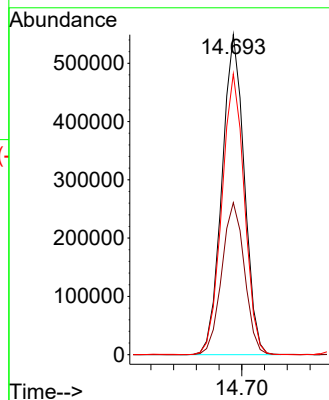
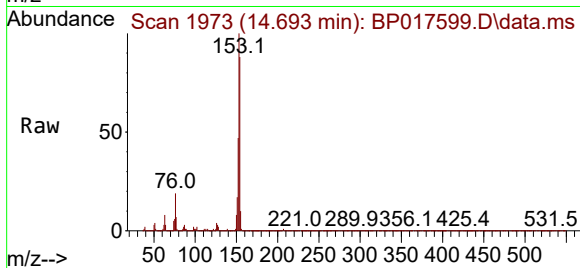
Tgt Ion:153 Resp: 750205

Ion Ratio Lower Upper

153 100

152 47.5 38.3 57.5

154 87.7 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 35.432 ng/ul

RT: 14.793 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

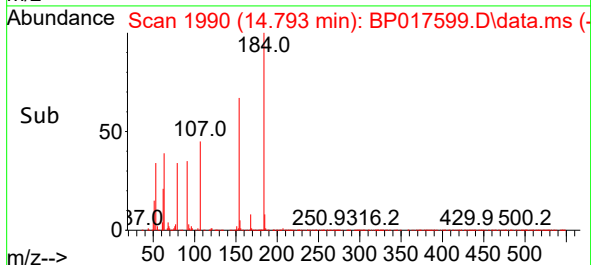
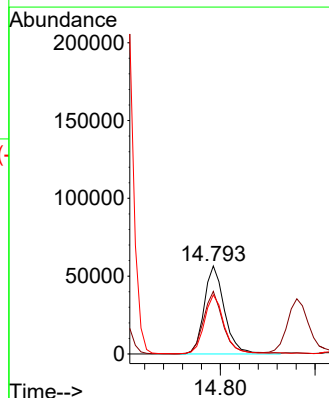
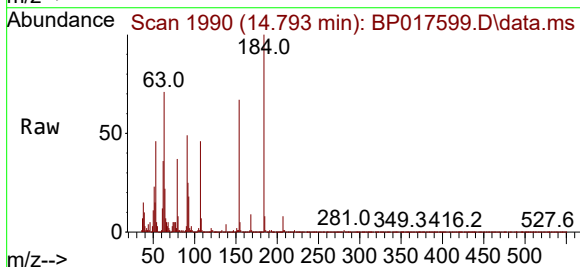
Tgt Ion:184 Resp: 84334

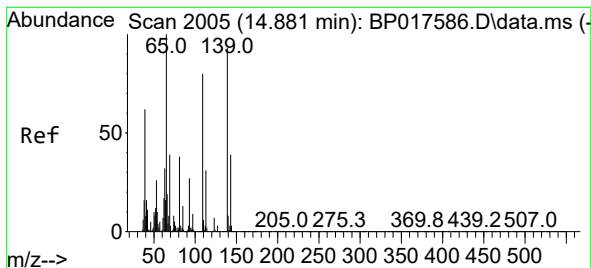
Ion Ratio Lower Upper

184 100

63 71.0 51.1 76.7

154 67.1 47.5 71.3

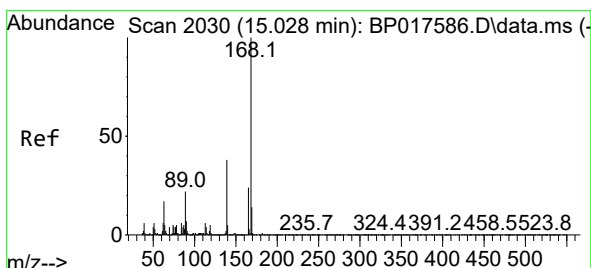
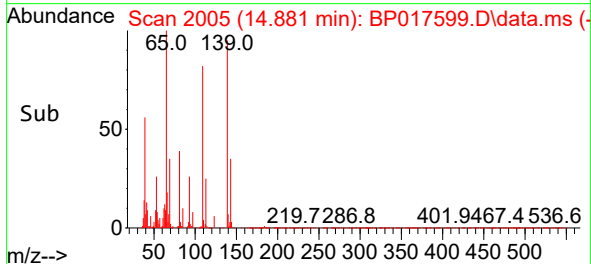
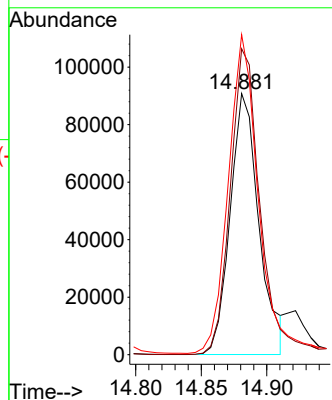
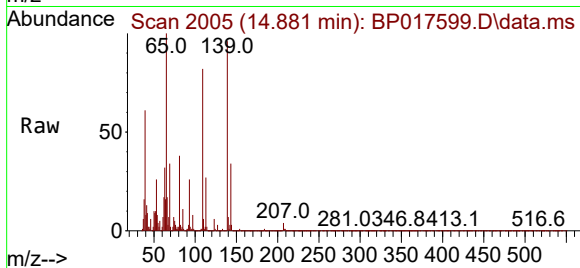




#55
4-Nitrophenol
Concen: 41.083 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

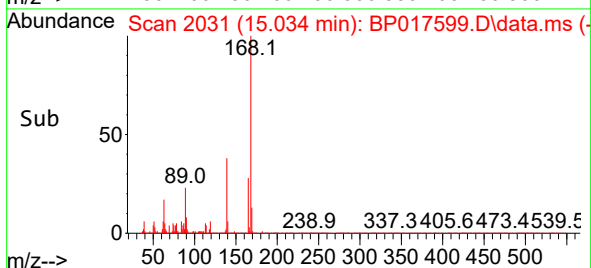
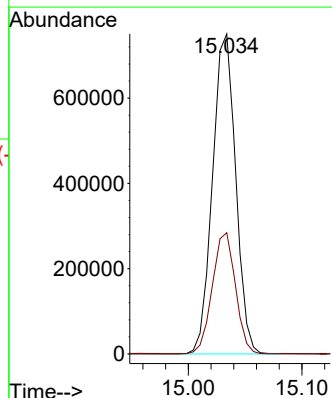
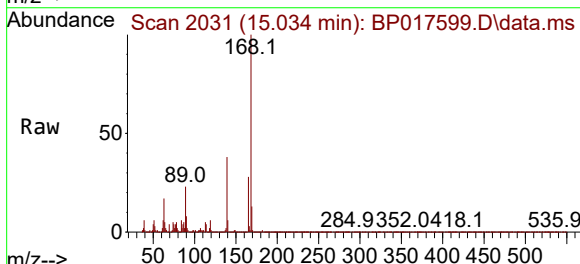
Instrument :
BNA_G
ClientSampleId :

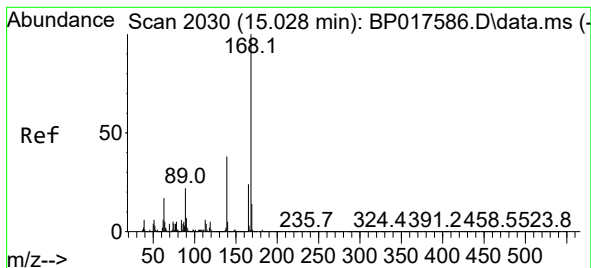
Tgt Ion:109 Resp: 138699
Ion Ratio Lower Upper
109 100
139 117.1 95.5 143.3
65 122.6 97.9 146.9



#56
Dibenzofuran
Concen: 41.791 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:168 Resp: 1062873
Ion Ratio Lower Upper
168 100
139 37.9 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 45.257 ng/ul

RT: 15.034 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

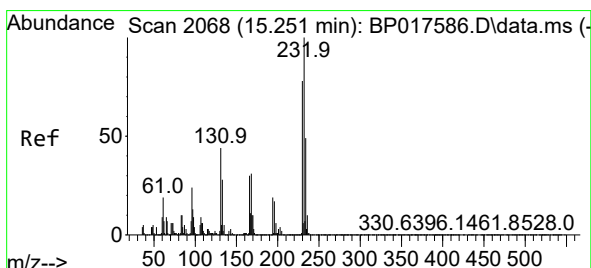
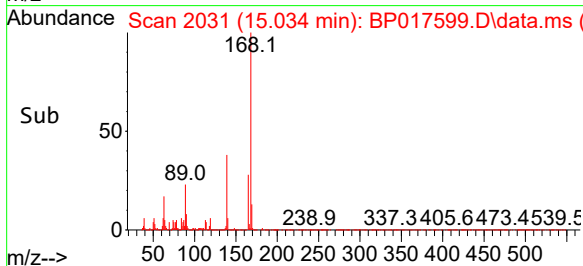
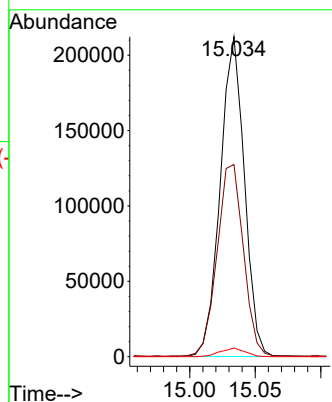
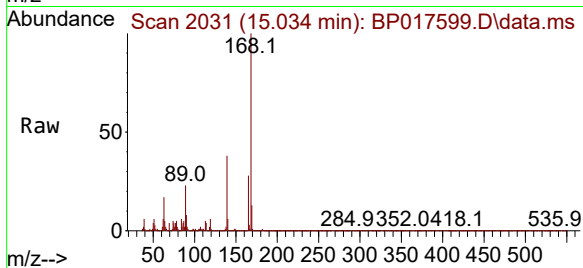
Tgt Ion:165 Resp: 271612

Ion Ratio Lower Upper

165 100

63 60.1 53.4 80.0

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.150 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Tgt Ion:232 Resp: 220388

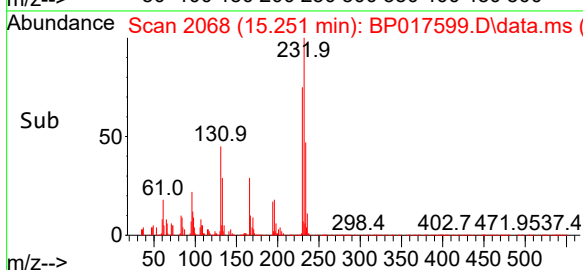
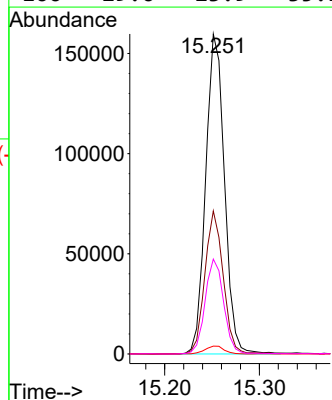
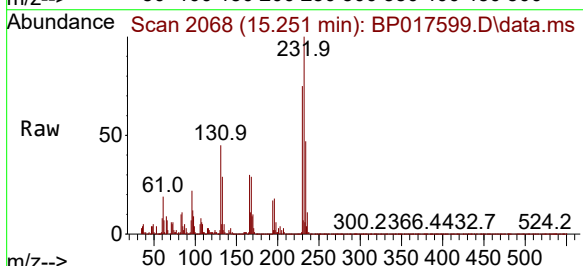
Ion Ratio Lower Upper

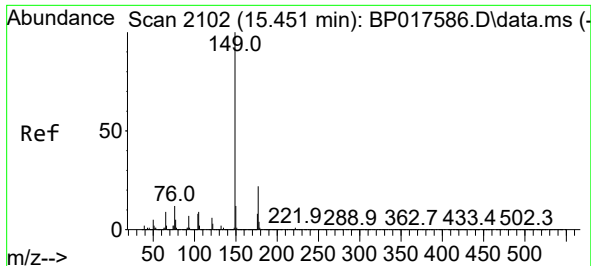
232 100

131 44.7 35.0 52.6

130 2.5 1.9 2.9

166 29.6 23.9 35.9

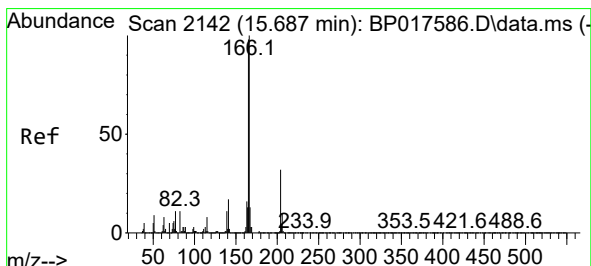
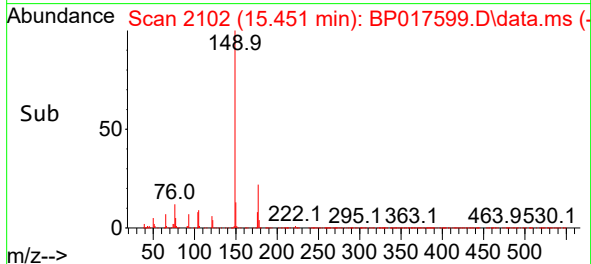
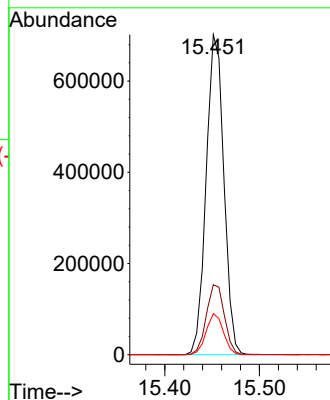
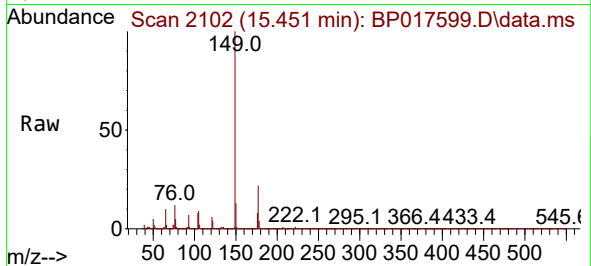




#59
Diethylphthalate
Concen: 41.980 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

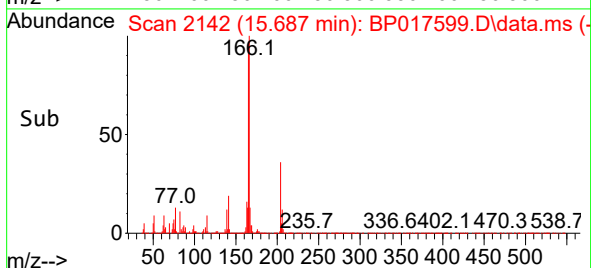
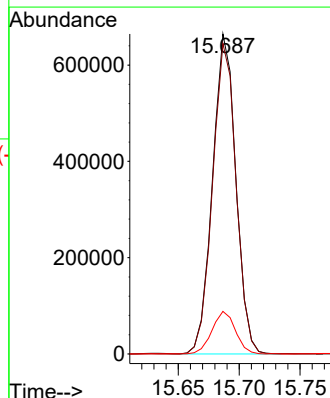
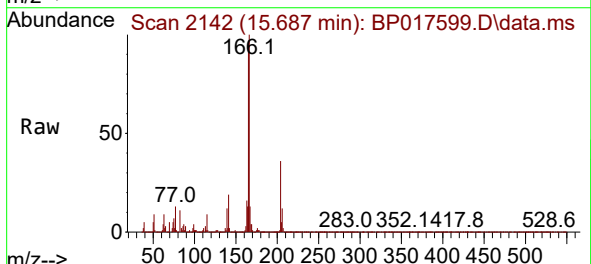
Instrument :
BNA_G
ClientSampleId :

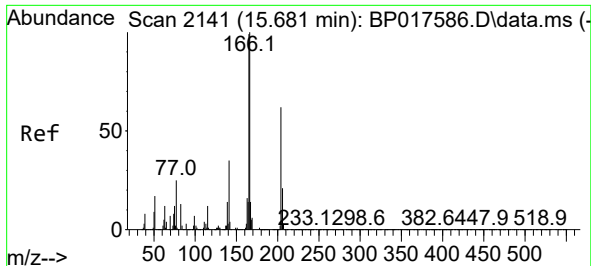
Tgt Ion:149 Resp: 908607
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.8 10.2 15.4



#61
Fluorene
Concen: 42.106 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:166 Resp: 884426
Ion Ratio Lower Upper
166 100
165 97.0 78.9 118.3
167 13.3 11.0 16.4

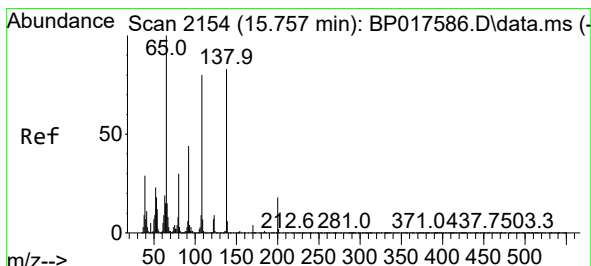
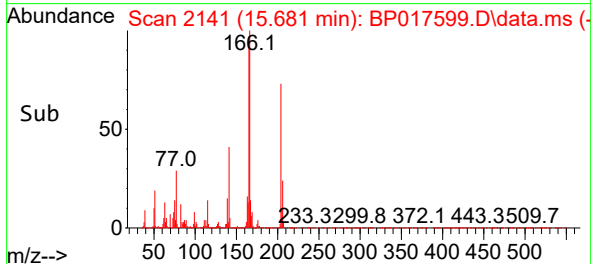
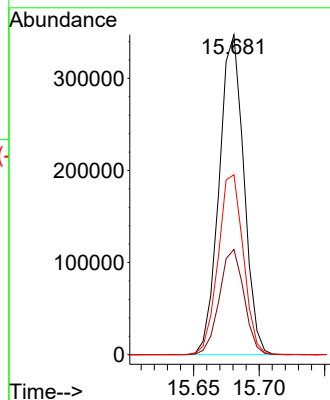
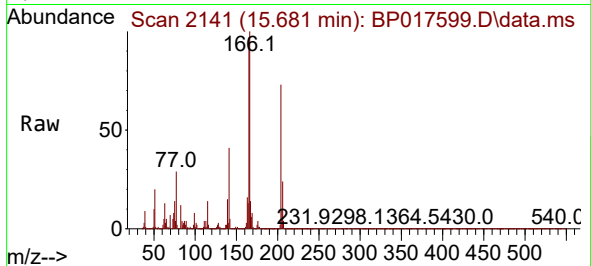




#62
4-Chlorophenyl-phenylether
Concen: 42.217 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

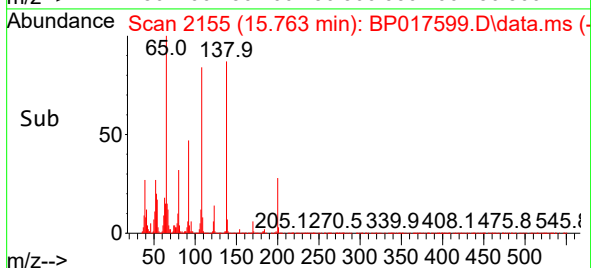
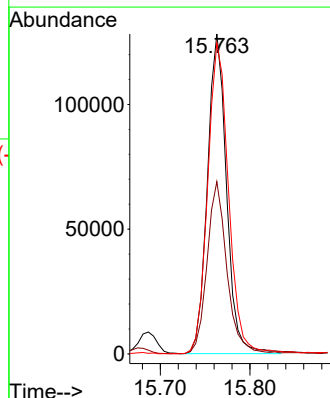
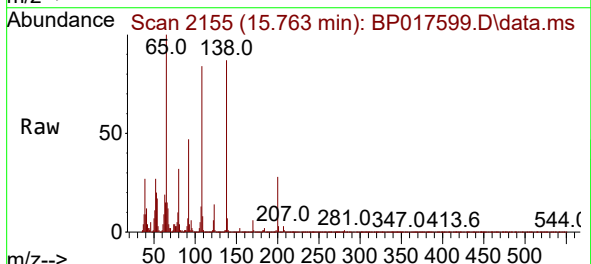
Instrument :
BNA_G
ClientSampleId :

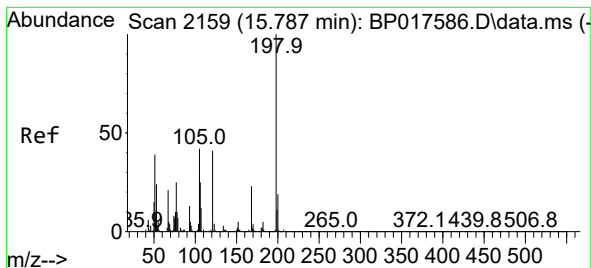
Tgt Ion:204 Resp: 454275
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 56.3 46.9 70.3



#63
4-Nitroaniline
Concen: 52.609 ng/ul
RT: 15.763 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:138 Resp: 189544
Ion Ratio Lower Upper
138 100
92 53.8 44.8 67.2
108 97.1 79.7 119.5

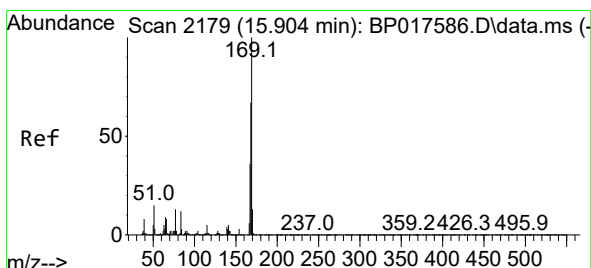
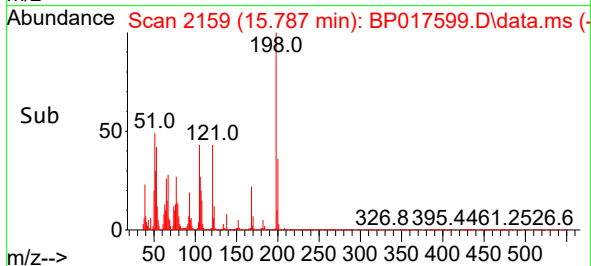
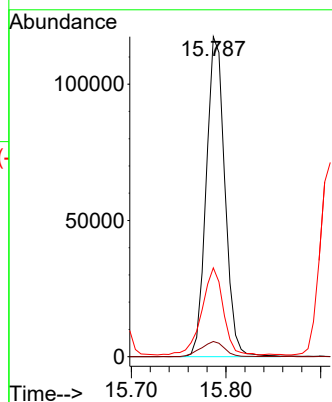
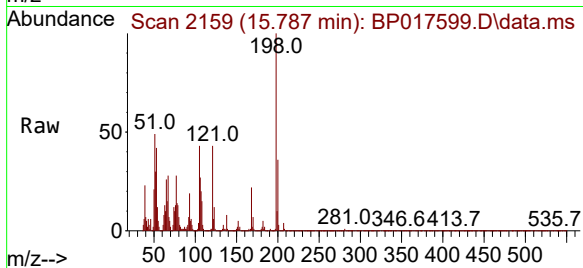




#66
 4,6-Dinitro-2-methylphenol
 Concen: 38.670 ng/ul
 RT: 15.787 min Scan# 2159
 Delta R.T. 0.000 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

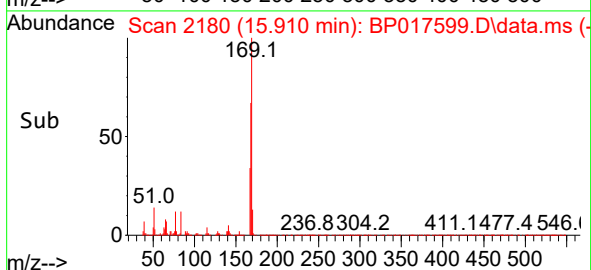
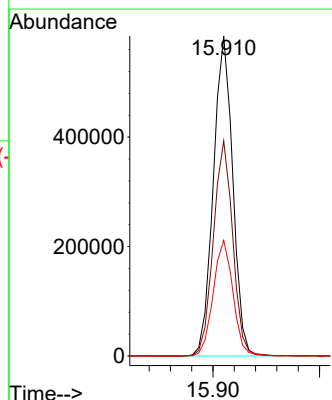
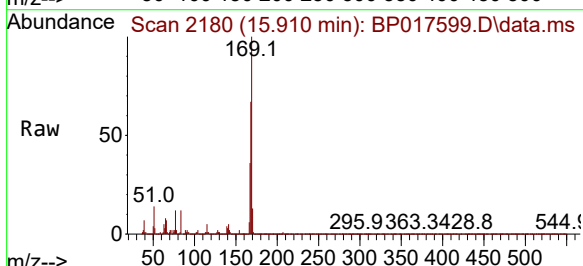
Instrument :
 BNA_G
 ClientSampleId :

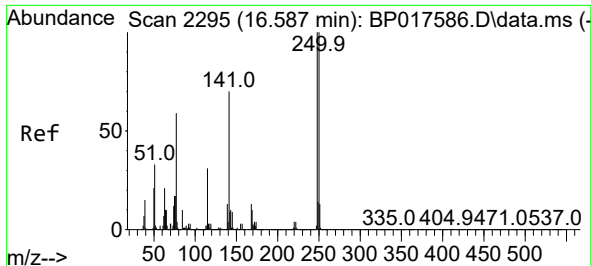
Tgt Ion:198 Resp: 159874
 Ion Ratio Lower Upper
 198 100
 182 4.7 4.2 6.2
 77 27.8 21.6 32.4



#67
 N-Nitrosodiphenylamine
 Concen: 42.541 ng/ul
 RT: 15.910 min Scan# 2180
 Delta R.T. 0.006 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

Tgt Ion:169 Resp: 738377
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.3 81.5
 167 36.1 29.7 44.5

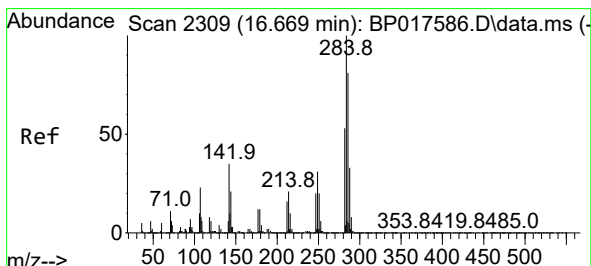
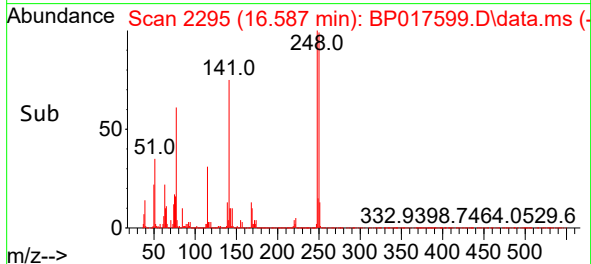
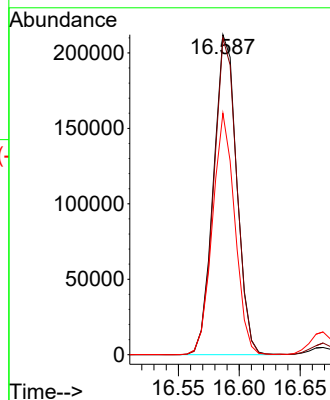
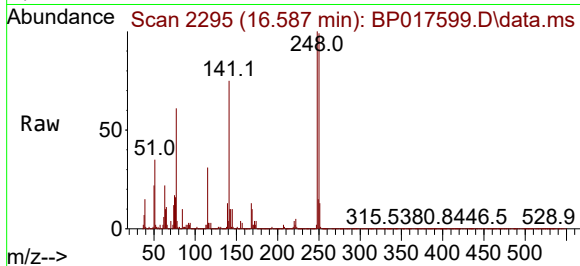




#68
4-Bromophenyl-phenylether
Concen: 42.727 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

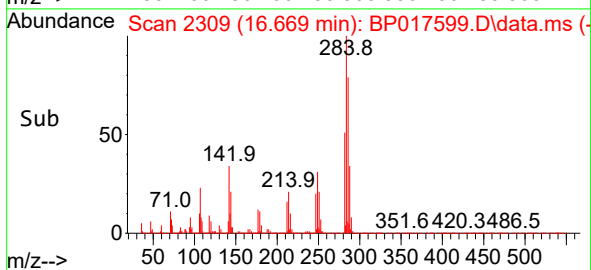
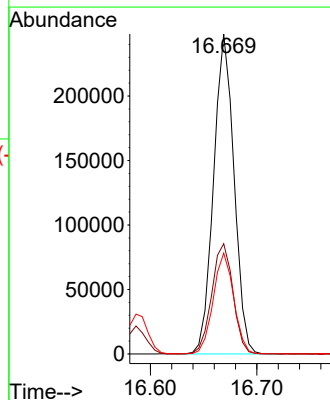
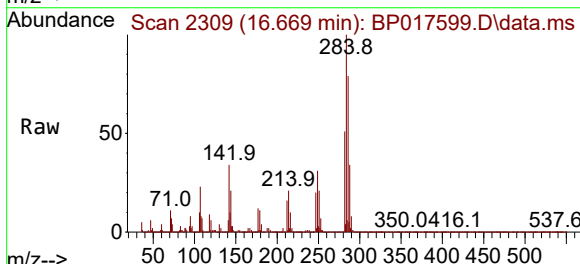
Instrument :
BNA_G
ClientSampleId :

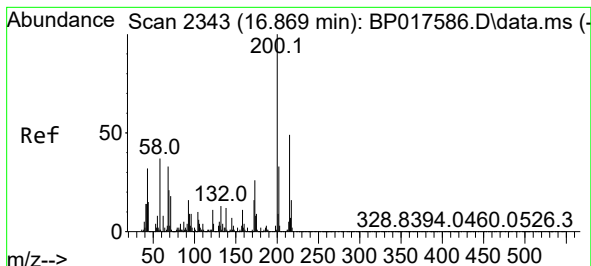
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.6
141	75.5	57.1	85.7



#69
Hexachlorobenzene
Concen: 42.569 ng/ul
RT: 16.669 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.0	40.6
249	31.5	24.6	36.8





#70

Atrazine

Concen: 23.822 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

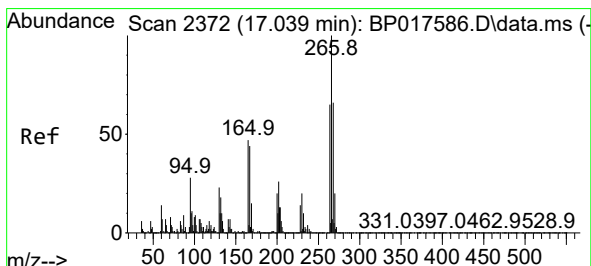
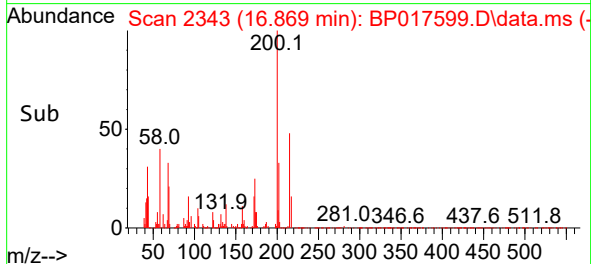
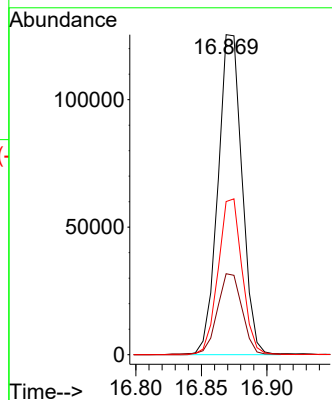
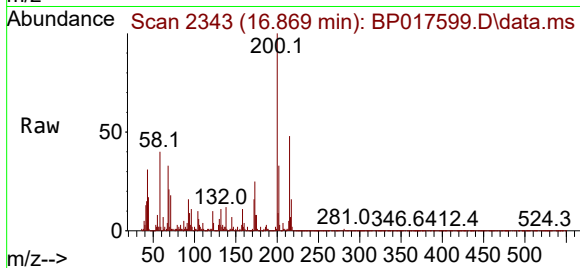
Tgt Ion:200 Resp: 159974

Ion Ratio Lower Upper

200 100

173 25.3 20.6 30.8

215 47.8 40.1 60.1



#71

Pentachlorophenol

Concen: 39.093 ng/ul

RT: 17.039 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

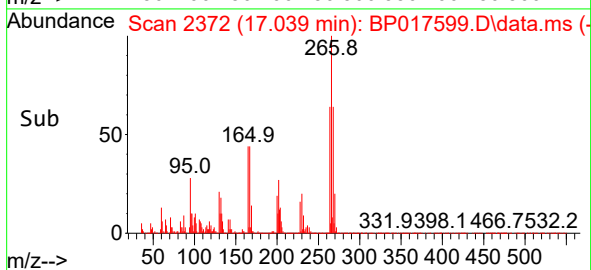
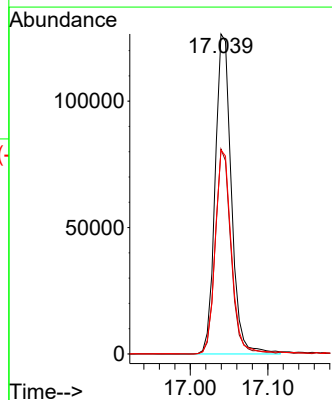
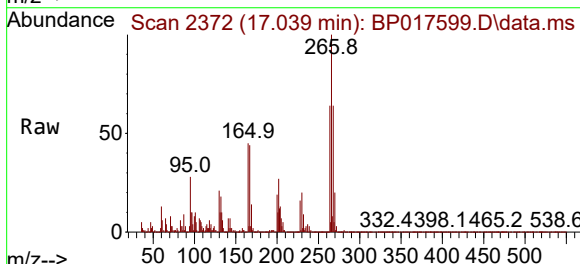
Tgt Ion:266 Resp: 183147

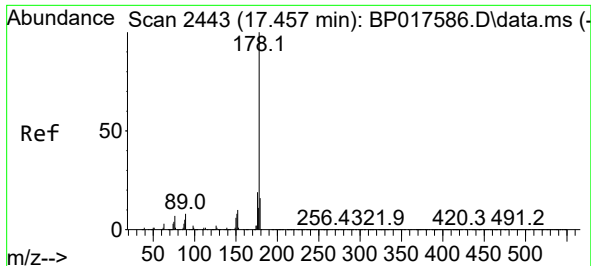
Ion Ratio Lower Upper

266 100

264 64.0 49.6 74.4

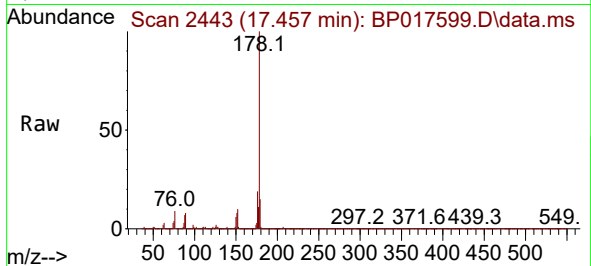
268 63.7 53.0 79.6



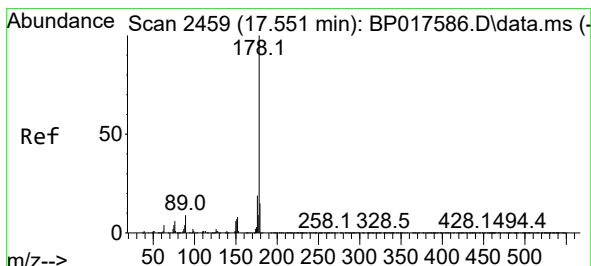
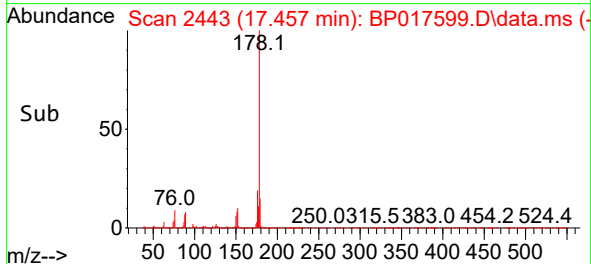
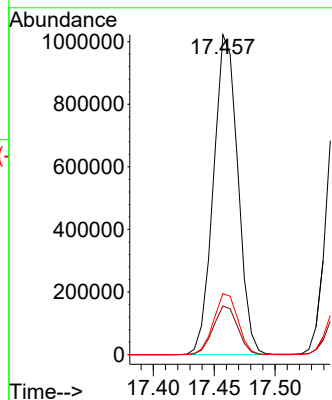


#72
Phenanthrene
Concen: 42.621 ng/ul
RT: 17.457 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Instrument :
BNA_G
ClientSampleId :

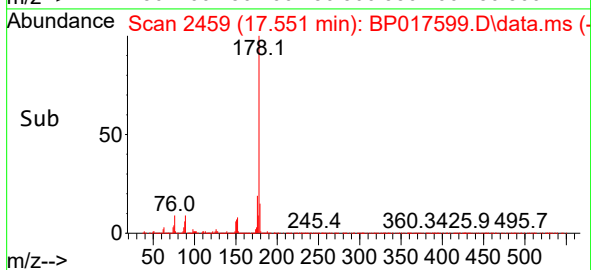
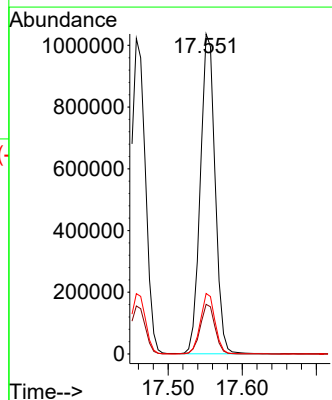
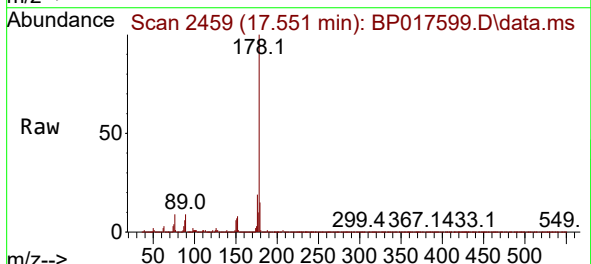


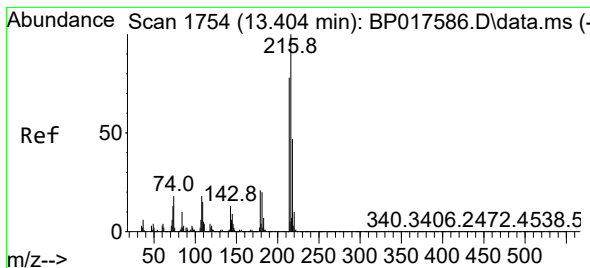
Tgt Ion:178 Resp: 1421897
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.1 15.2 22.8



#74
Anthracene
Concen: 42.107 ng/ul
RT: 17.551 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:178 Resp: 1431793
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.9 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.307 ng/uL

RT: 13.404 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

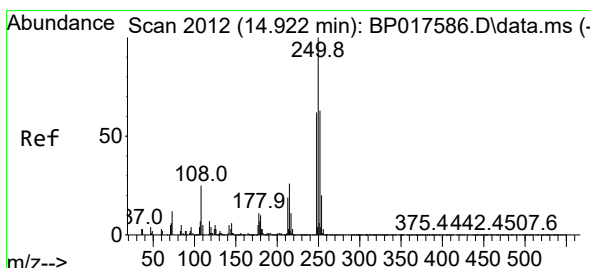
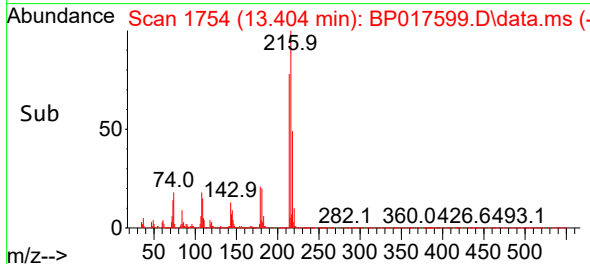
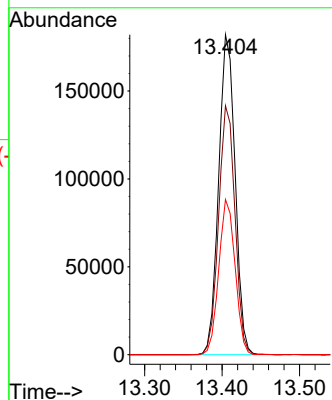
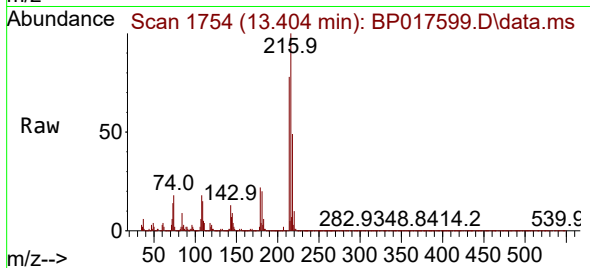
Tgt Ion:216 Resp: 268536

Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.0

218 48.5 38.0 57.0



#76

Pentachlorobenzene

Concen: 39.741 ng/uL

RT: 14.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

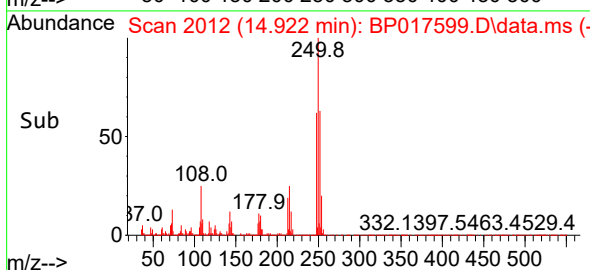
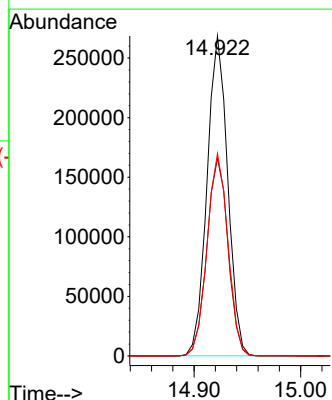
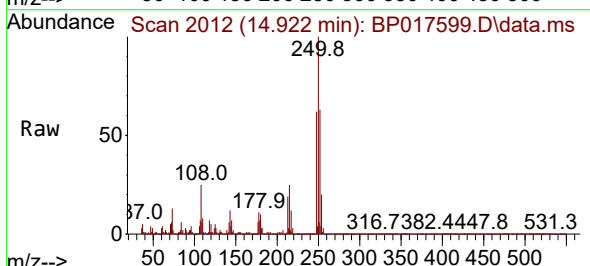
Tgt Ion:250 Resp: 361473

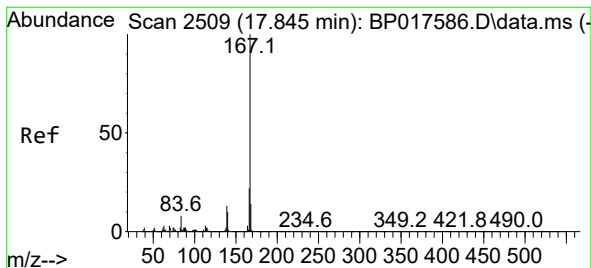
Ion Ratio Lower Upper

250 100

248 61.7 49.1 73.7

252 63.3 51.4 77.2





#77

Carbazole

Concen: 42.643 ng/ul

RT: 17.845 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

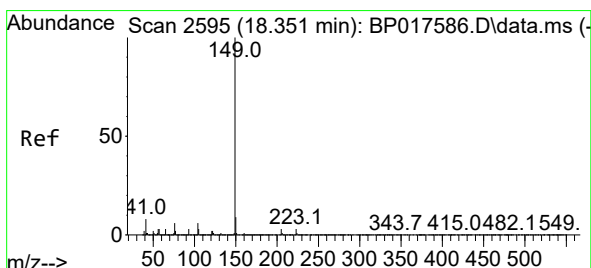
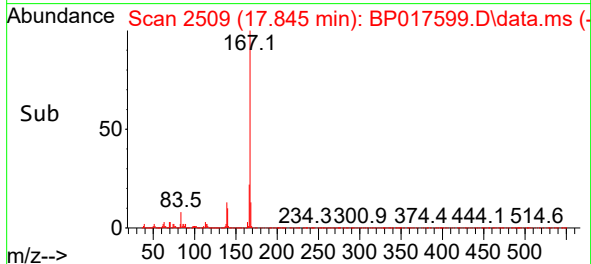
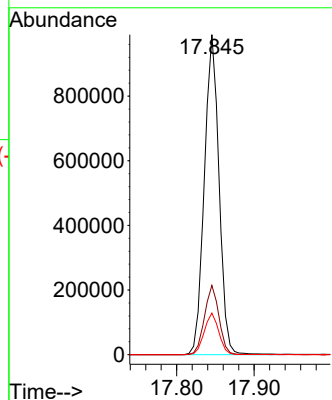
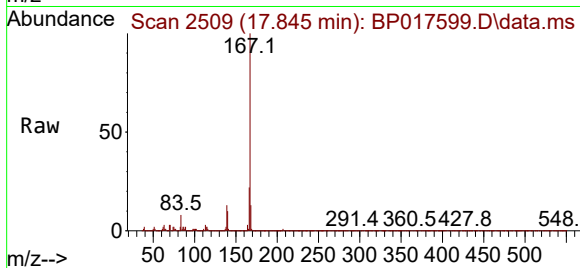
Tgt Ion:167 Resp: 1302060

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.0 9.8 14.6



#78

Di-n-butylphthalate

Concen: 42.811 ng/ul

RT: 18.357 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

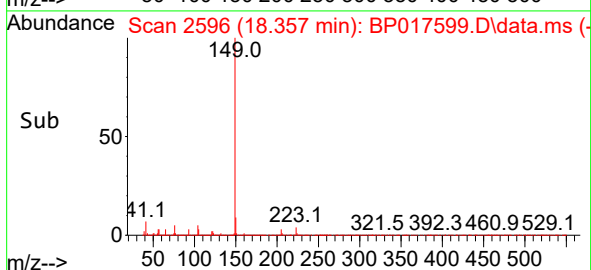
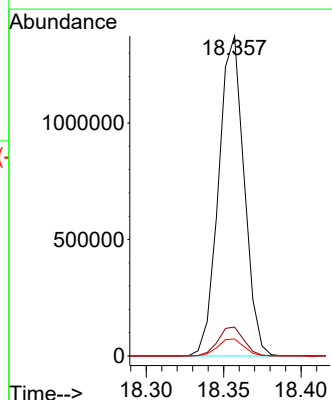
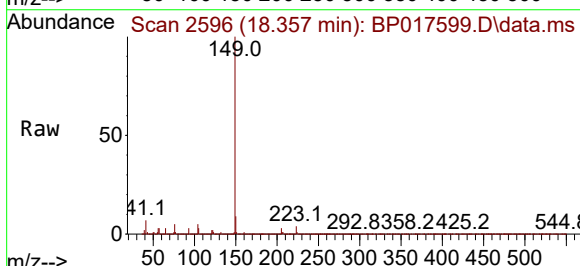
Tgt Ion:149 Resp: 1575511

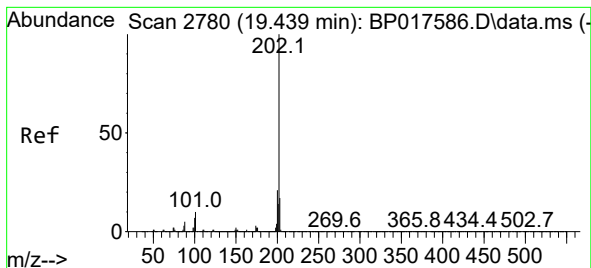
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 4.3 6.5





#80

Fluoranthene

Concen: 42.711 ng/ul

RT: 19.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

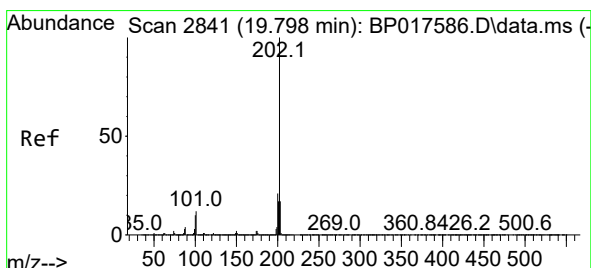
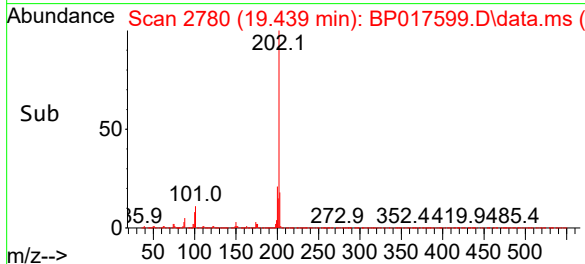
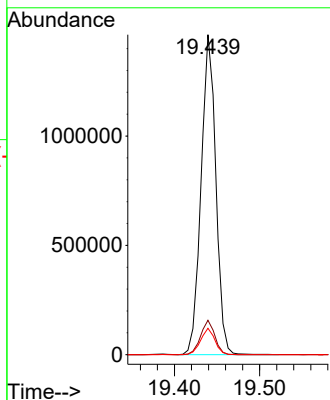
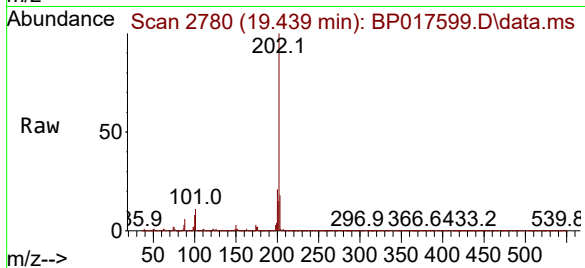
Tgt Ion:202 Resp: 1757601

Ion Ratio Lower Upper

202 100

101 10.8 8.1 12.1

100 8.3 5.9 8.9



#82

Pyrene

Concen: 42.392 ng/ul

RT: 19.804 min Scan# 2842

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

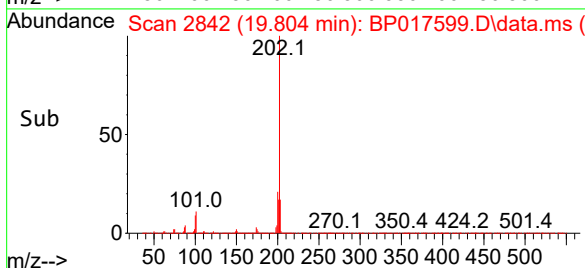
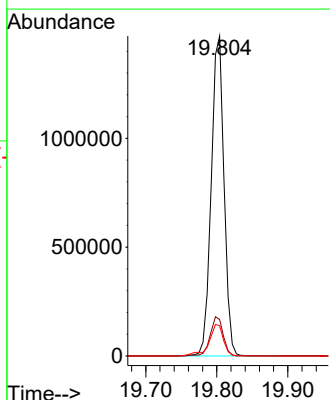
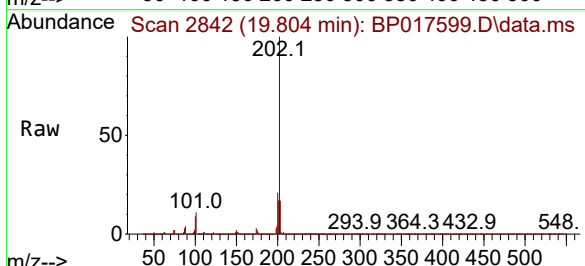
Tgt Ion:202 Resp: 1840641

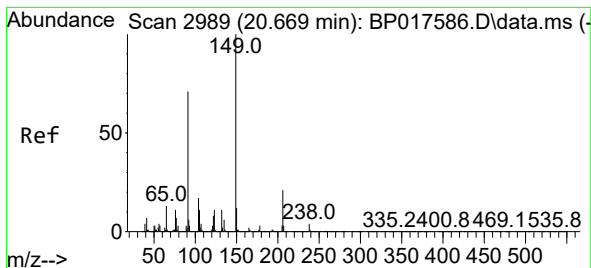
Ion Ratio Lower Upper

202 100

101 11.4 9.7 14.5

100 9.5 8.1 12.1





#83

Butylbenzylphthalate

Concen: 43.577 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

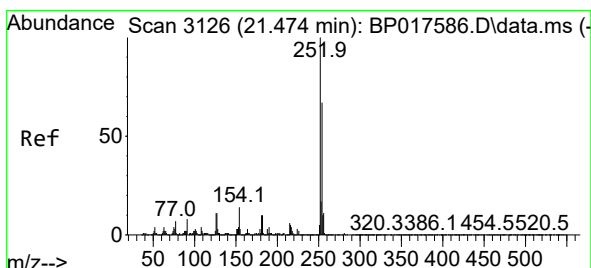
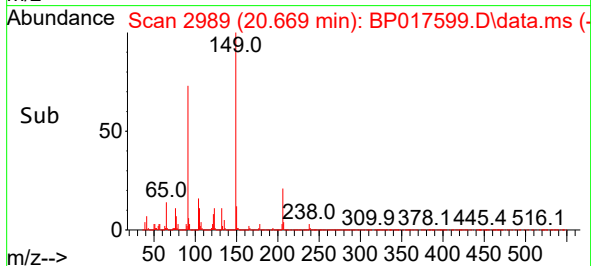
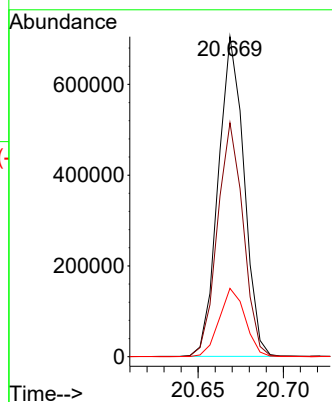
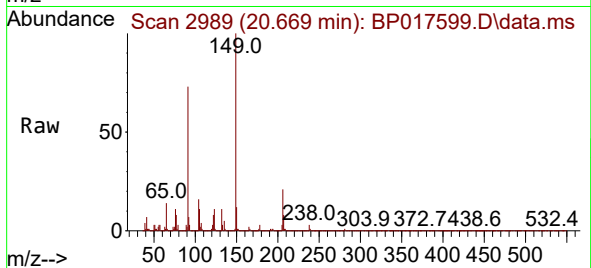
Tgt Ion:149 Resp: 743058

Ion Ratio Lower Upper

149 100

91 73.1 55.8 83.8

206 21.4 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 41.144 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

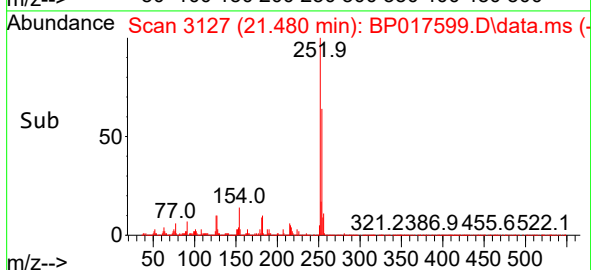
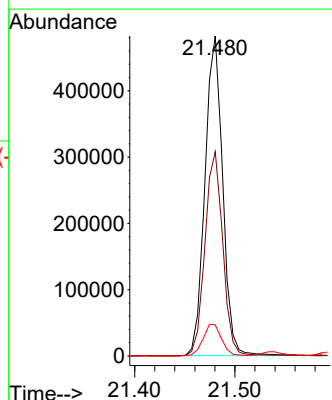
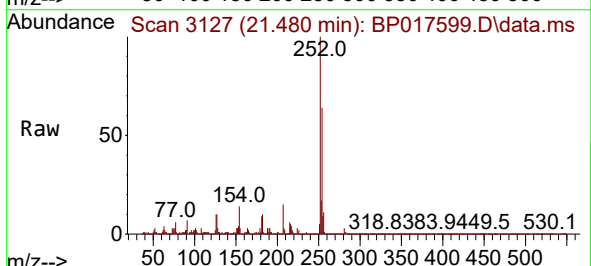
Tgt Ion:252 Resp: 594302

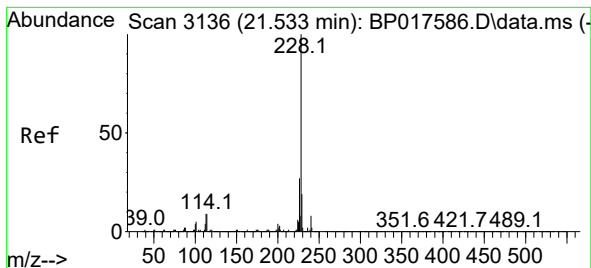
Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

126 9.7 8.6 12.8





#85

Benzo(a)anthracene

Concen: 42.708 ng/ul

RT: 21.539 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

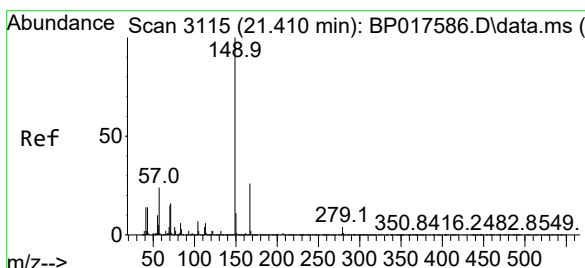
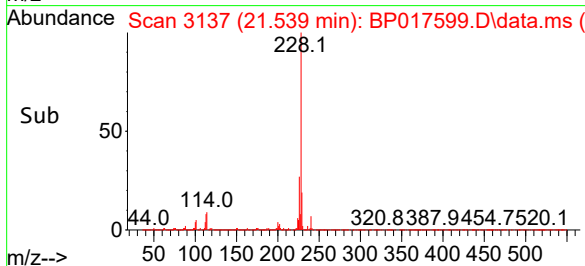
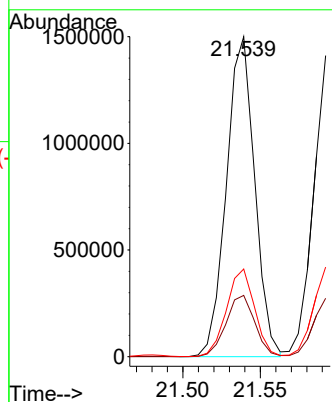
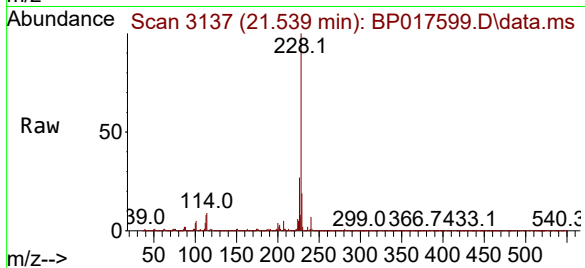
Tgt Ion:228 Resp: 1902107

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

226 27.4 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.219 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

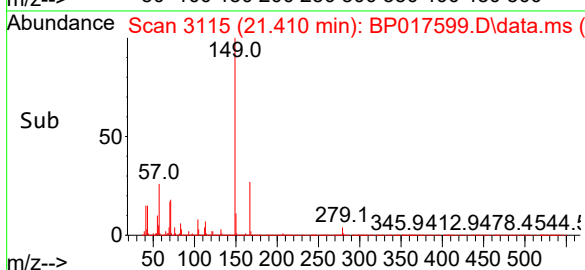
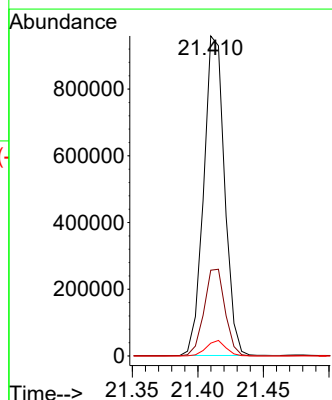
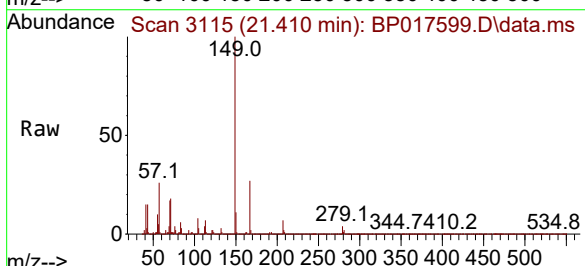
Tgt Ion:149 Resp: 1062246

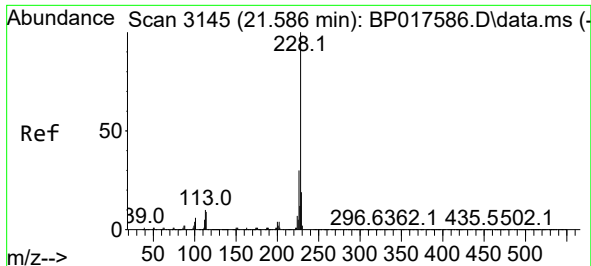
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

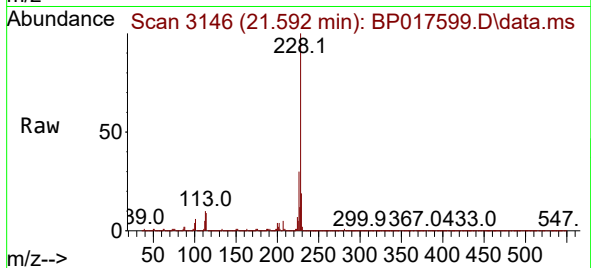
279 4.0 3.4 5.0



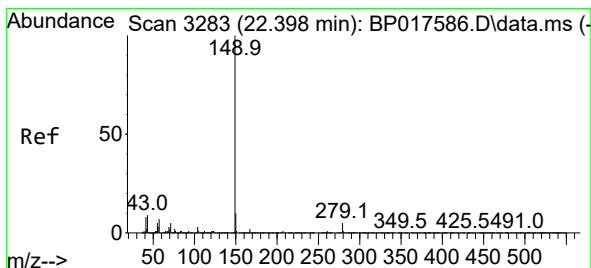
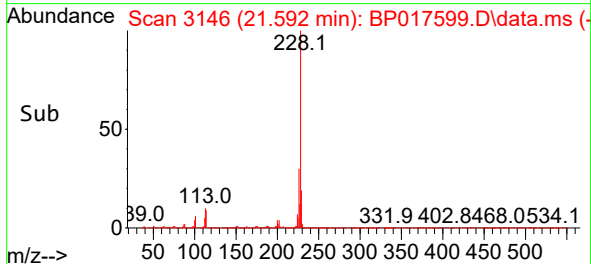
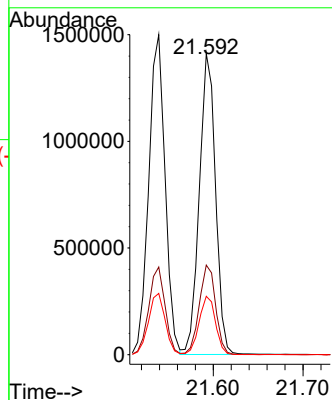


#87
Chrysene
Concen: 42.448 ng/ul
RT: 21.592 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Instrument :
BNA_G
ClientSampleId :

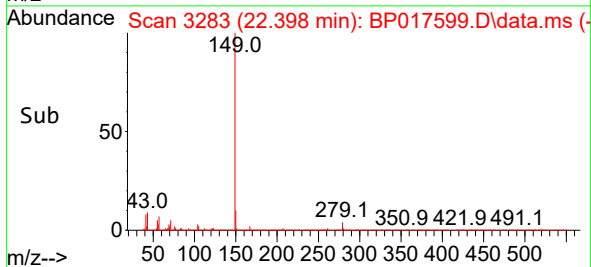
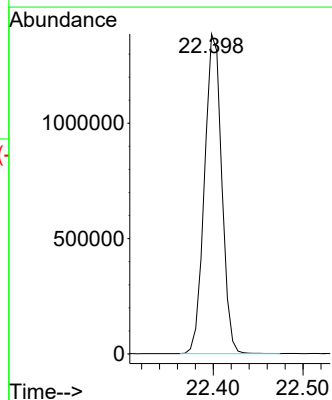
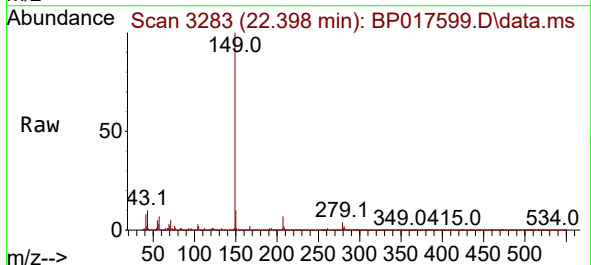


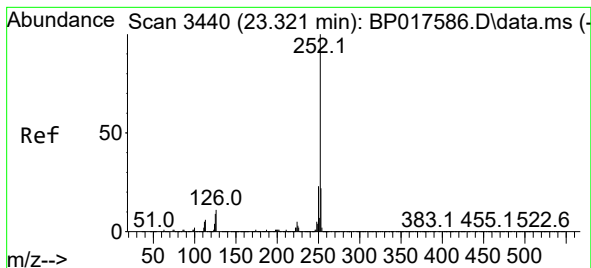
Tgt Ion:228 Resp: 1767142
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.4 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 43.016 ng/ul
RT: 22.398 min Scan# 3283
Delta R.T. 0.000 min
Lab File: BP017599.D
Acq: 06 Oct 2023 13:04

Tgt Ion:149 Resp: 1845273





#90

Benzo(b)fluoranthene

Concen: 43.078 ng/ul

RT: 23.327 min Scan# 3440

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

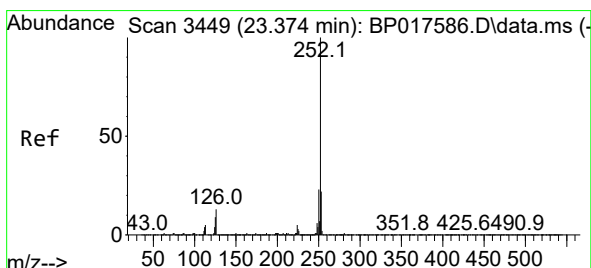
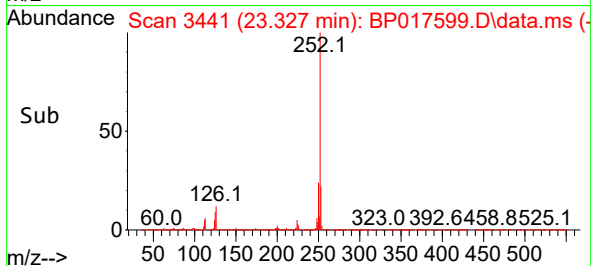
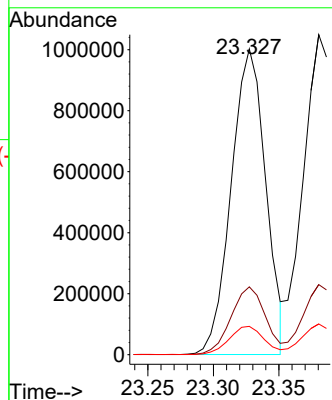
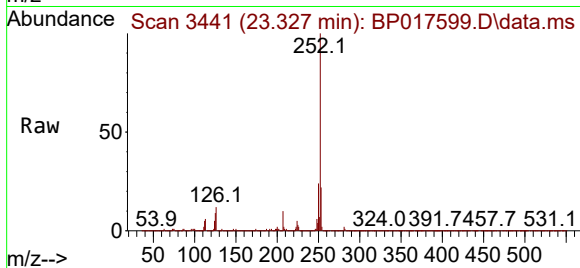
Tgt Ion:252 Resp: 1833742

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.3 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 44.244 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

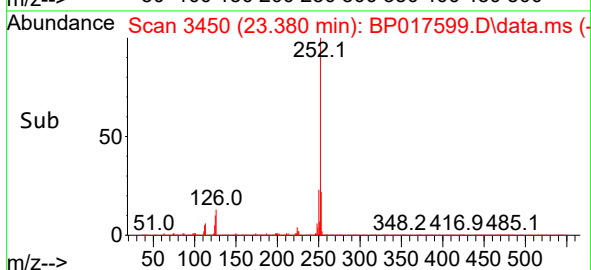
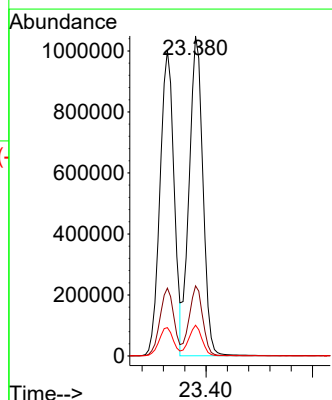
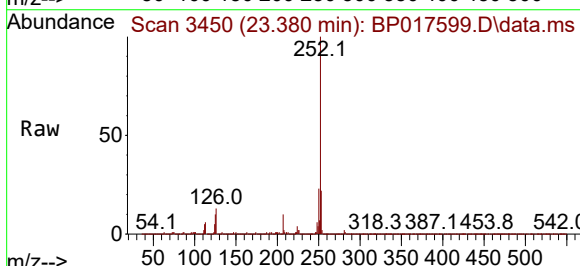
Tgt Ion:252 Resp: 1877770

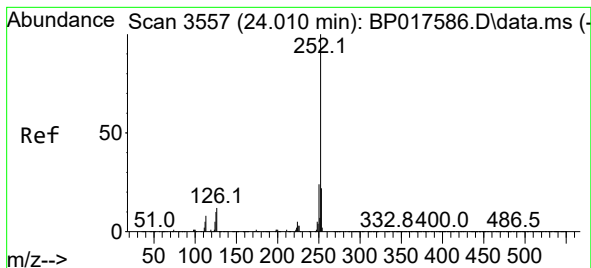
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 42.887 ng/ul

RT: 24.010 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

Instrument :

BNA_G

ClientSampleId :

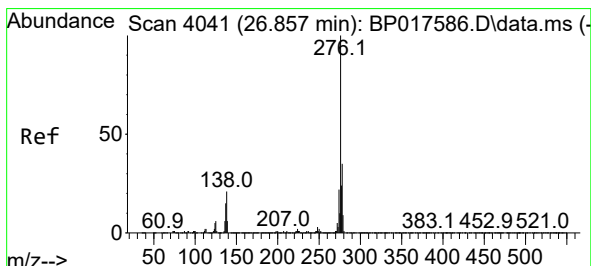
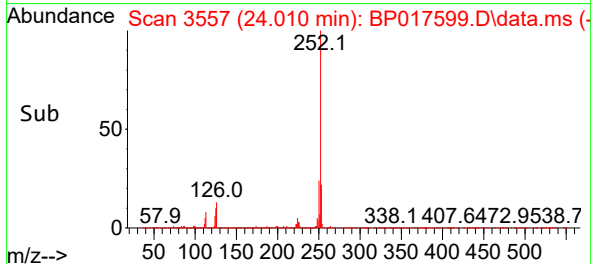
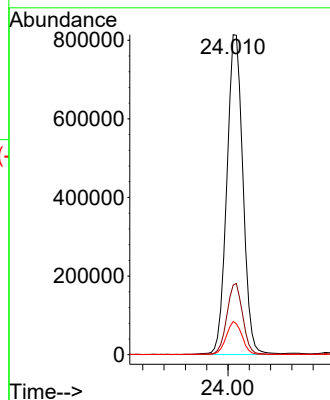
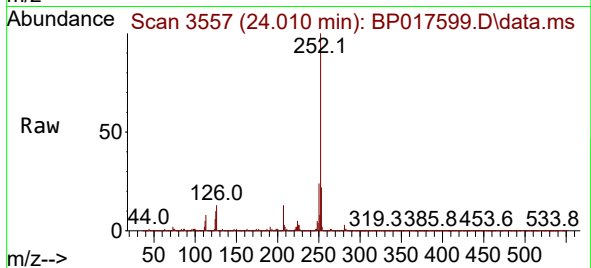
Tgt Ion:252 Resp: 1706698

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.4 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.792 ng/ul

RT: 26.868 min Scan# 4043

Delta R.T. 0.012 min

Lab File: BP017599.D

Acq: 06 Oct 2023 13:04

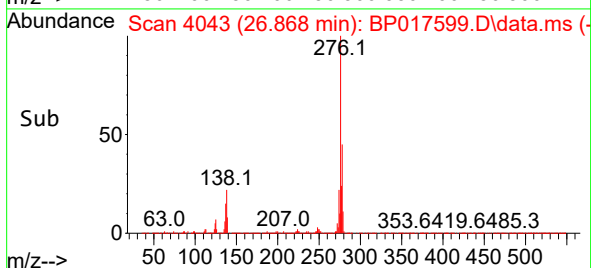
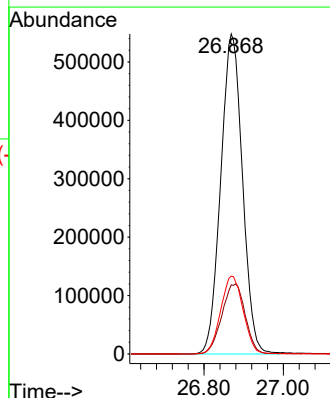
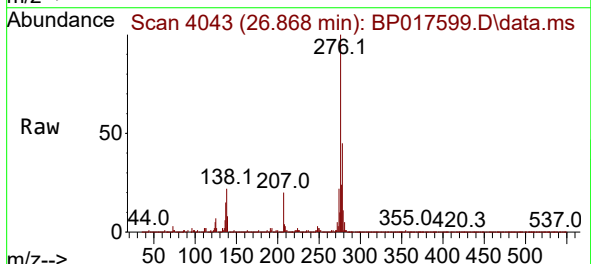
Tgt Ion:276 Resp: 2081825

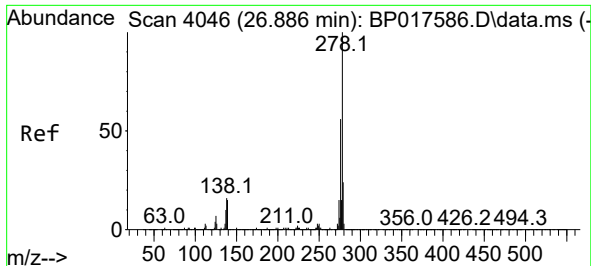
Ion Ratio Lower Upper

276 100

138 21.6 16.6 24.8

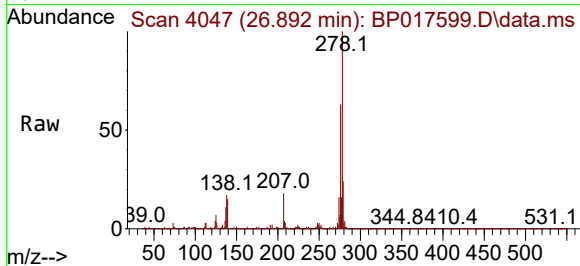
277 24.3 19.7 29.5



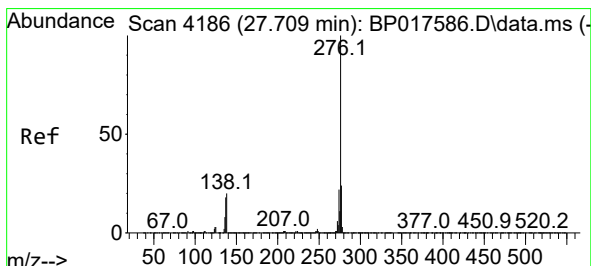
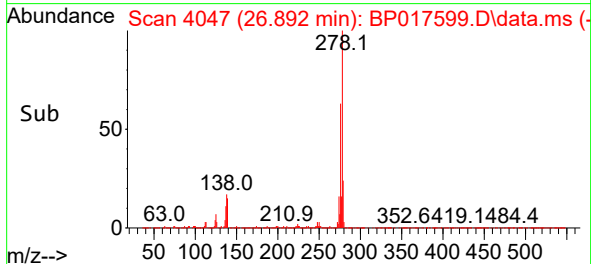
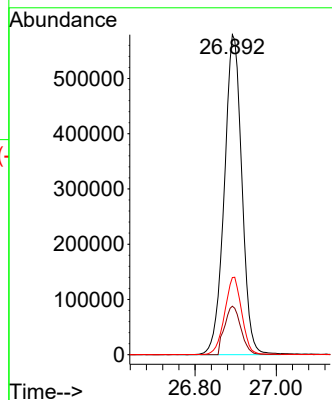


#95
 Dibenzo(a,h)anthracene
 Concen: 42.514 ng/ul
 RT: 26.892 min Scan# 4046
 Delta R.T. 0.006 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 1742759
 Ion Ratio Lower Upper
 278 100
 139 15.2 11.5 17.3
 279 24.1 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 42.942 ng/ul
 RT: 27.727 min Scan# 4189
 Delta R.T. 0.018 min
 Lab File: BP017599.D
 Acq: 06 Oct 2023 13:04

Tgt Ion:276 Resp: 1675869
 Ion Ratio Lower Upper
 276 100
 138 18.8 16.1 24.1
 277 23.4 18.7 28.1

