

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017572.D
 Acq On : 05 Oct 2023 18:48
 Operator : MA/JU
 Sample : PB156008BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 02:02:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	105755	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	453144	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	297589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	666119	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	723449	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	754485	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	19169	7.247	ng/uL	0.00
4) Pyridine-d5	3.723	84	273327	39.476	ng/u1	0.00
7) Phenol-d5	7.093	99	398936	44.835	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	232781	42.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	306586	43.760	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	306752	43.064	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	152159	43.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	172527	43.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	322834	44.288	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	402827	38.793	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1013523	43.662	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1110024	43.366	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	189589	46.639	ng/u1	0.00
60) Fluorene-d10	15.634	176	862002	43.780	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	184005	44.309	ng/u1	0.00
73) Anthracene-d10	17.522	188	1262133	40.933	ng/u1	0.00
81) Pyrene-d10	19.775	212	1755776	43.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1776498	46.657	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	39453	14.509	ng/uL	95
5) Pyridine	3.740	79	280473	38.576	ng/u1	93
6) Benzaldehyde	7.099	77	230247	51.330	ng/u1	99
8) Phenol	7.122	94	411430	46.165	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	317044	43.936	ng/u1	99
12) 2-Chlorophenol	7.493	128	321965	45.406	ng/u1	100
13) 2-Methylphenol	8.393	108	298861	44.746	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	224451	23.623	ng/u1	99
16) Acetophenone	8.799	105	502370	44.719	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.769	70	265403	46.045	ng/u1	97
18) 4-Methylphenol	8.728	108	332432	45.997	ng/u1	98
19) Hexachloroethane	9.005	117	136364	43.323	ng/u1	97
22) Nitrobenzene	9.193	77	398750	44.469	ng/u1	99
23) Isophorone	9.705	82	725808	44.118	ng/u1	99
25) 2-Nitrophenol	9.893	139	191960	46.010	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	223644	27.036	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	434584	43.205	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	329548	46.560	ng/u1	98
30) Naphthalene	10.828	128	1055783	43.668	ng/u1	100
32) 4-Chloroaniline	10.969	127	377388	38.074	ng/u1	99
33) Hexachlorobutadiene	11.052	225	218880	42.583	ng/u1	97
34) Caprolactam	11.810	113	84466	38.455	ng/u1	98
35) 4-Chloro-3-methylphenol	12.081	107	358392	47.978	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	726659	43.985	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017572.D
 Acq On : 05 Oct 2023 18:48
 Operator : MA/JU
 Sample : PB156008BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

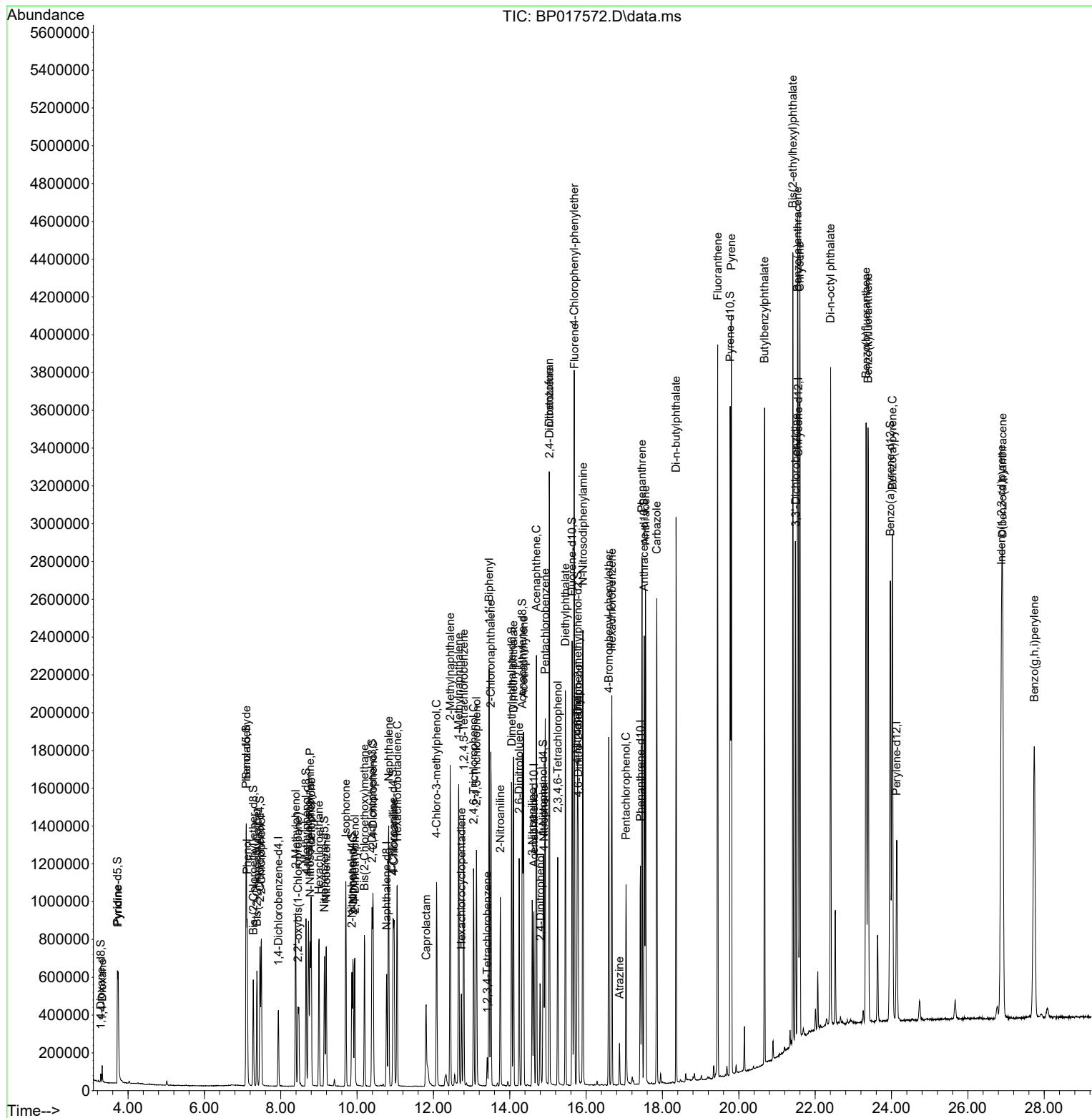
Instrument :
 BNA_G
 ClientSampleId :

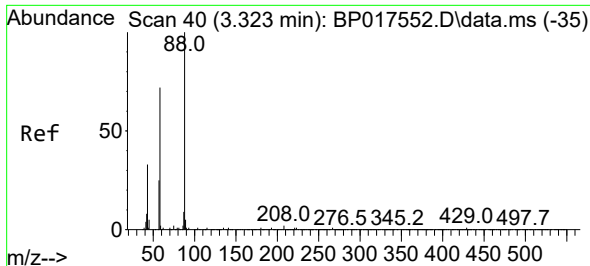
Quant Time: Oct 06 02:02:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	708656	41.809	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	413125	42.372	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	125219	22.771	ng/ul	94
41) 2,4,6-Trichlorophenol	13.051	196	252610	40.654	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	287008	43.868	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	1001271	43.953	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	796281	43.964	ng/ul	99
45) 2-Nitroaniline	13.751	65	247310	49.139	ng/ul	97
47) Dimethylphthalate	14.098	163	1051754	45.079	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	217851	50.108	ng/ul	96
50) Acenaphthylene	14.363	152	1240404	41.904	ng/ul	100
51) 3-Nitroaniline	14.587	138	225579	54.428	ng/ul	96
52) Acenaphthene	14.698	153	861705	44.102	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	111948	43.500	ng/ul	96
55) 4-Nitrophenol	14.893	109	175994	48.214	ng/ul	93
56) Dibenzofuran	15.034	168	1238694	45.045	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	327053	50.401	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	224430	38.757	ng/ul	99
59) Diethylphthalate	15.457	149	1063409	45.441	ng/ul	100
61) Fluorene	15.692	166	1025870	45.170	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	525219	45.144	ng/ul	97
63) 4-Nitroaniline	15.769	138	235018	60.330	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.792	198	193721	43.604	ng/ul#	98
67) N-Nitrosodiphenylamine	15.916	169	863124	46.275	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	329859	46.710	ng/ul	100
69) Hexachlorobenzene	16.675	284	385396	46.342	ng/ul	97
70) Atrazine	16.875	200	36579	5.069	ng/ul	100
71) Pentachlorophenol	17.045	266	168071	33.384	ng/ul	97
72) Phenanthrene	17.463	178	1633180	45.555	ng/ul	100
74) Anthracene	17.557	178	1525913	41.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	42402	4.306	ng/uL	97
76) Pentachlorobenzene	14.928	250	438093	44.820	ng/uL	98
77) Carbazole	17.851	167	1516517	46.218	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1874397	47.396	ng/ul	100
80) Fluoranthene	19.445	202	2127288	45.425	ng/ul	99
82) Pyrene	19.804	202	2219127	44.911	ng/ul	100
83) Butylbenzylphthalate	20.675	149	919824	47.401	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	755341	45.951	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2279838	44.981	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1332799	47.650	ng/ul	99
87) Chrysene	21.598	228	2146743	45.312	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	2312470	48.450	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2343623	49.482	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2213936	46.884	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2004978	45.282	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	2558483	47.266	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	2151799	47.178	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	2057316	47.380	ng/ul	99

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

Quant Time: Oct 06 02:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

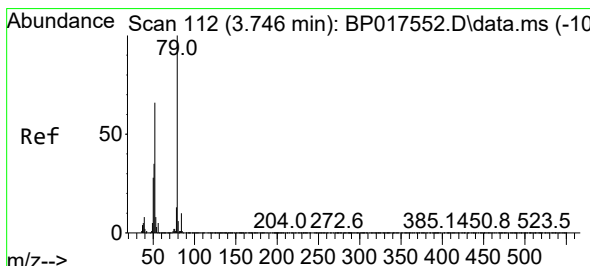
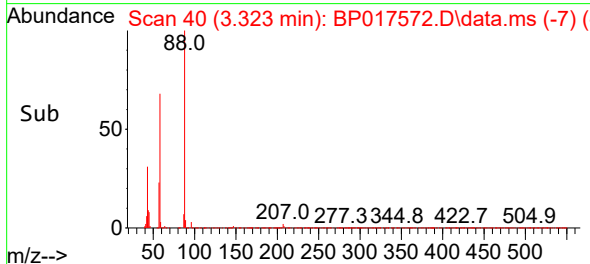
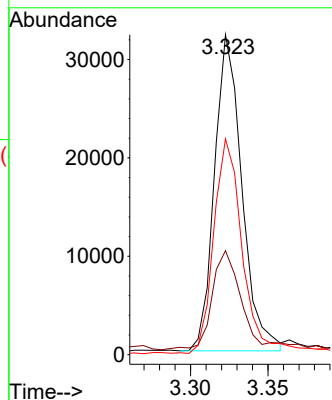
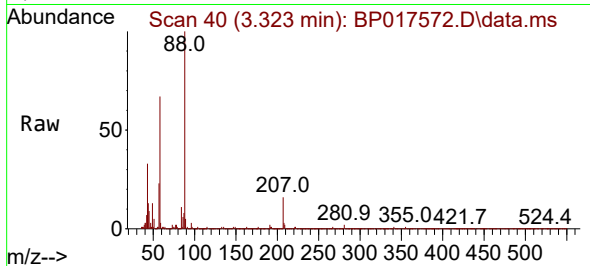




#2
1,4-Dioxane
Concen: 14.509 ng/uL
RT: 3.323 min Scan# 40
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

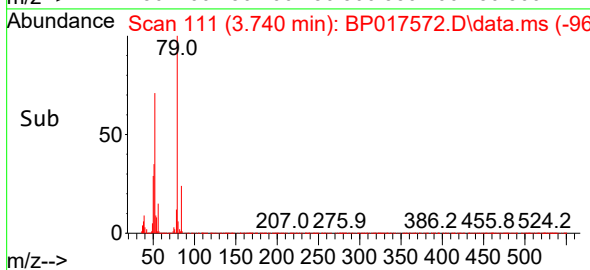
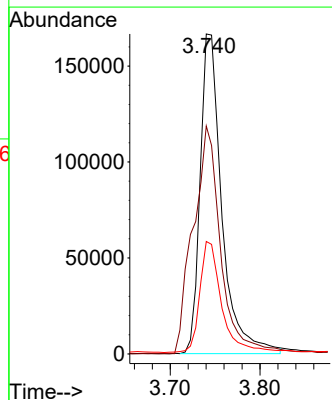
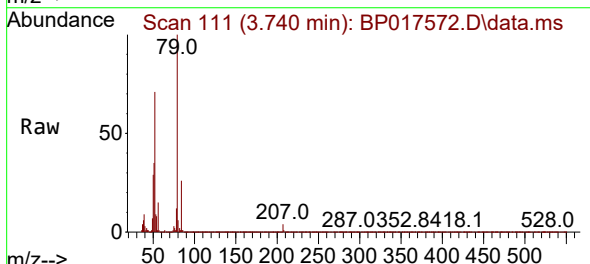
Instrument :
BNA_G
ClientSampleId :

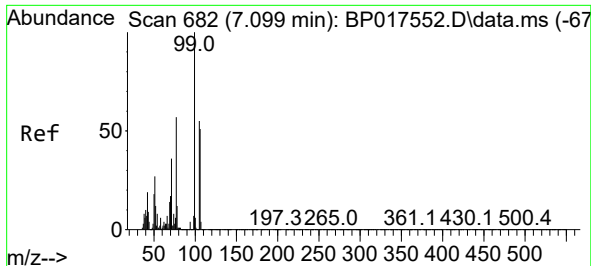
Tgt Ion: 88 Resp: 39453
Ion Ratio Lower Upper
88 100
43 32.5 22.6 34.0
58 67.4 51.4 77.2



#5
Pyridine
Concen: 38.576 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 79 Resp: 280473
Ion Ratio Lower Upper
79 100
52 71.2 52.6 78.8
51 35.2 31.7 47.5

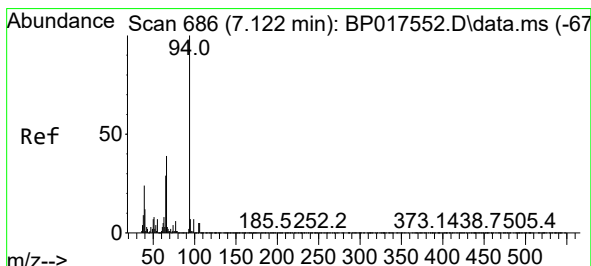
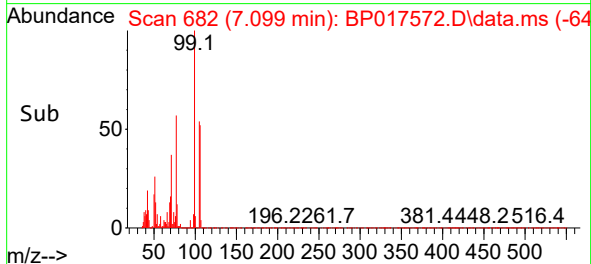
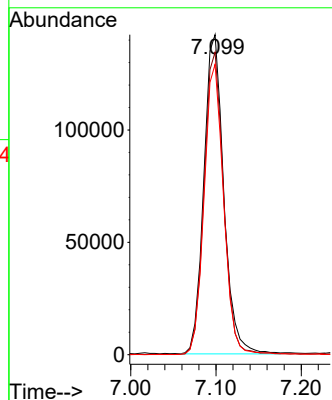
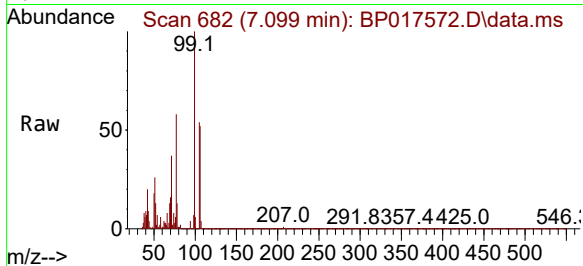




#6
Benzaldehyde
Concen: 51.330 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

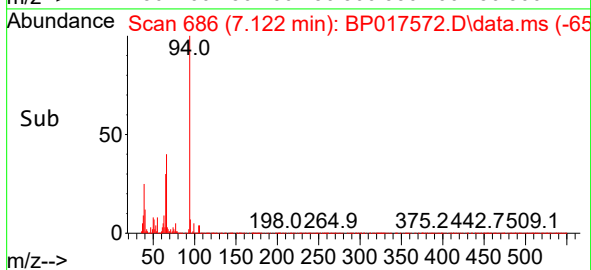
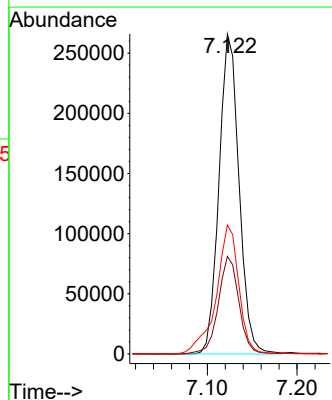
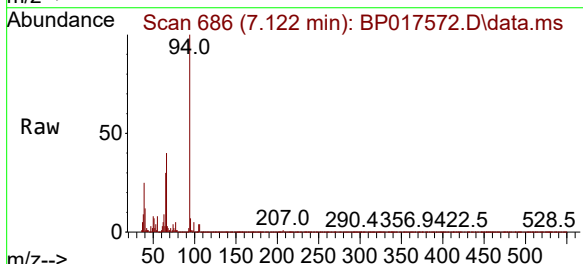
Instrument :
BNA_G
ClientSampleId :

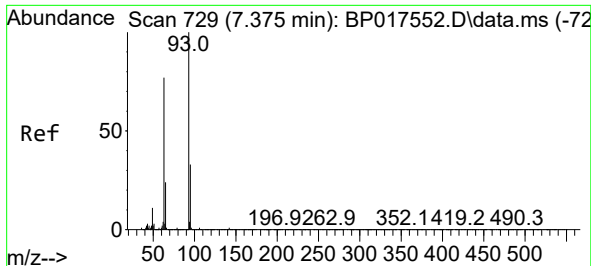
Tgt Ion: 77 Resp: 230247
Ion Ratio Lower Upper
77 100
105 94.6 74.6 112.0
106 90.8 72.8 109.2



#8
Phenol
Concen: 46.165 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 94 Resp: 411430
Ion Ratio Lower Upper
94 100
65 30.5 23.5 35.3
66 40.3 32.3 48.5

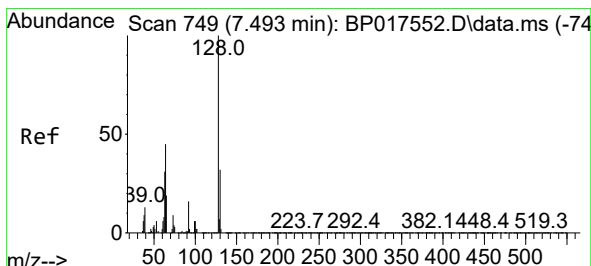
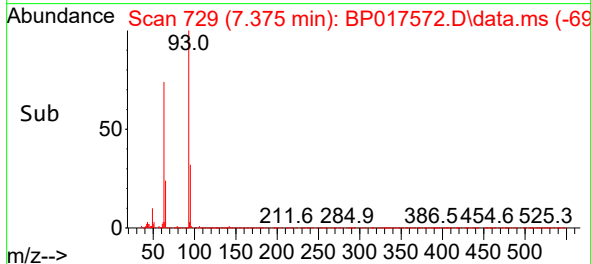
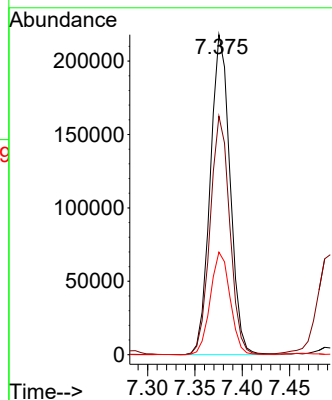
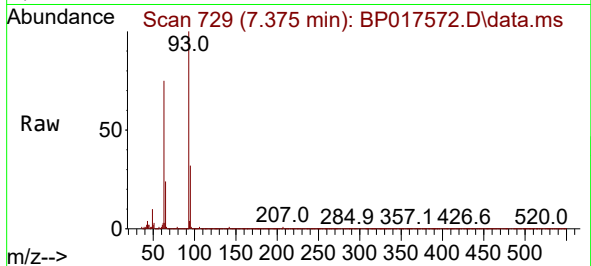




#10
 Bis(2-Chloroethyl)ether
 Concen: 43.936 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP017572.D
 Acq: 05 Oct 2023 18:48

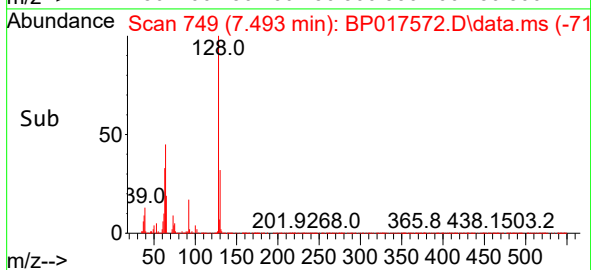
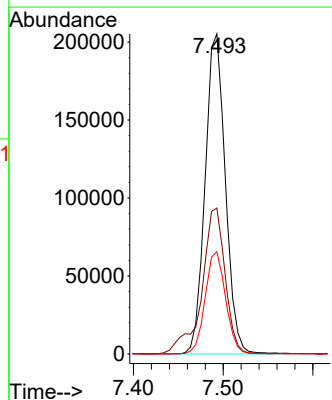
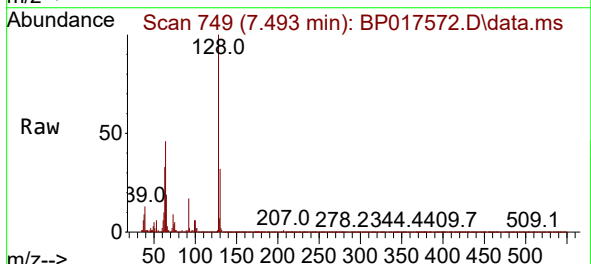
Instrument :
 BNA_G
 ClientSampleId :

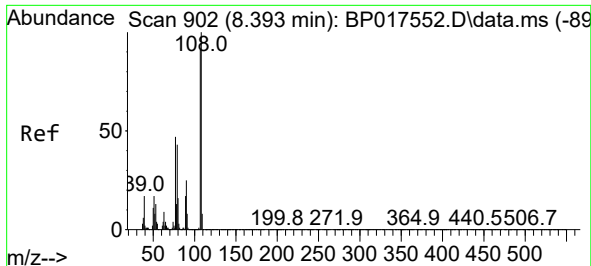
Tgt Ion: 93 Resp: 317044
 Ion Ratio Lower Upper
 93 100
 63 74.5 60.0 90.0
 95 32.1 25.9 38.9



#12
 2-Chlorophenol
 Concen: 45.406 ng/ul
 RT: 7.493 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BP017572.D
 Acq: 05 Oct 2023 18:48

Tgt Ion:128 Resp: 321965
 Ion Ratio Lower Upper
 128 100
 64 45.6 36.7 55.1
 130 32.0 25.4 38.0





#13

2-Methylphenol

Concen: 44.746 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

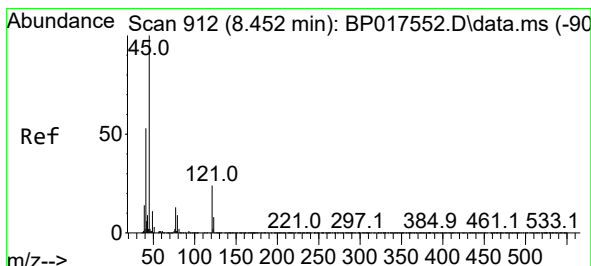
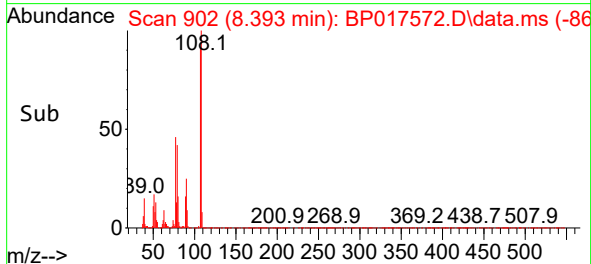
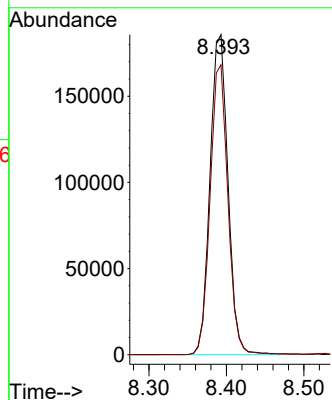
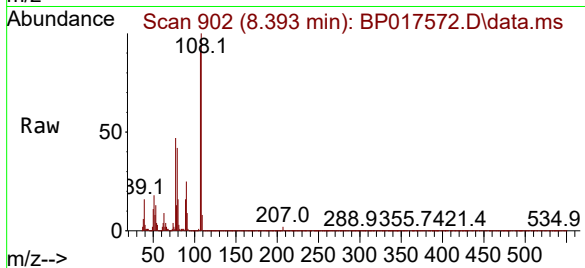
ClientSampleId :

Tgt Ion:108 Resp: 298861

Ion Ratio Lower Upper

108 100

107 90.6 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.623 ng/ul

RT: 8.452 min Scan# 912

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

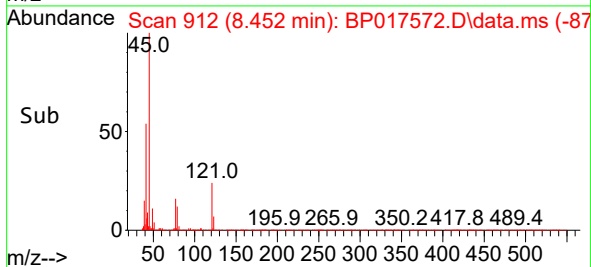
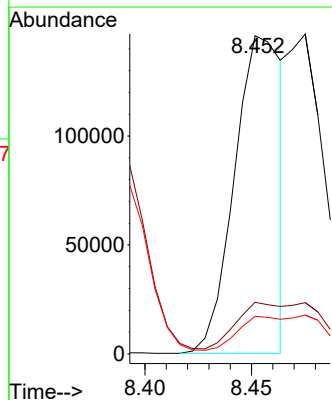
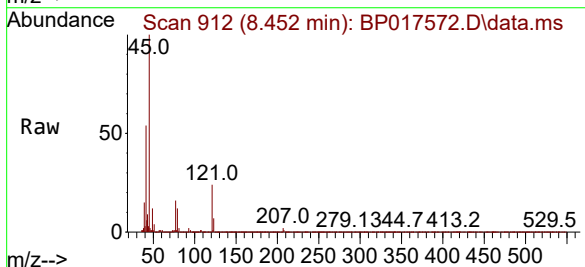
Tgt Ion: 45 Resp: 224451

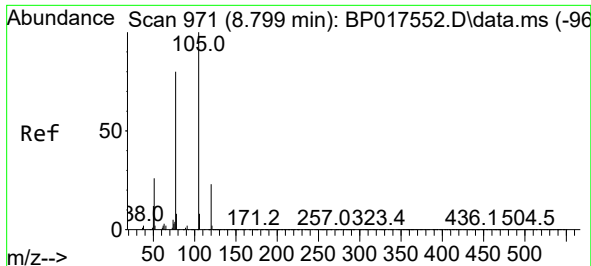
Ion Ratio Lower Upper

45 100

77 16.3 12.9 19.3

79 11.8 9.0 13.4

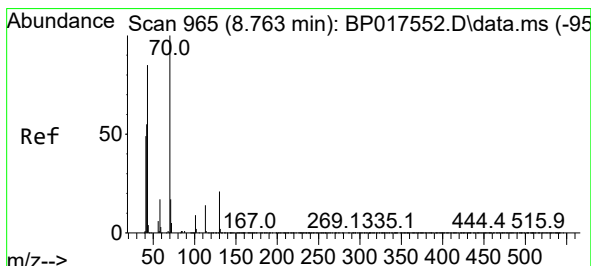
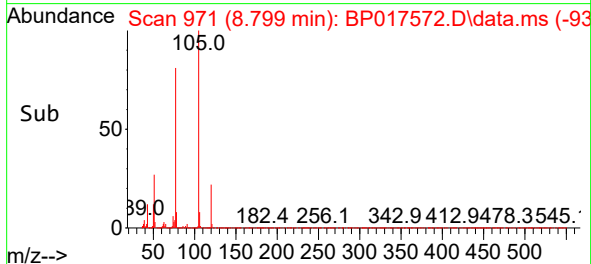
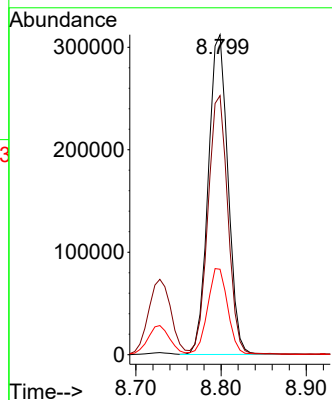
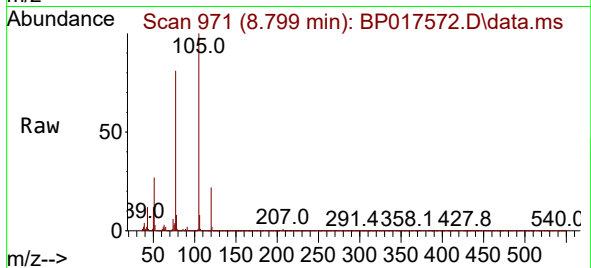




#16
Acetophenone
Concen: 44.719 ng/ul
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

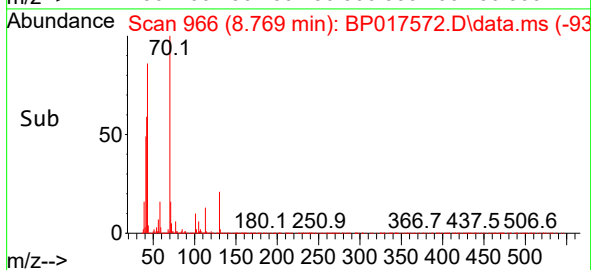
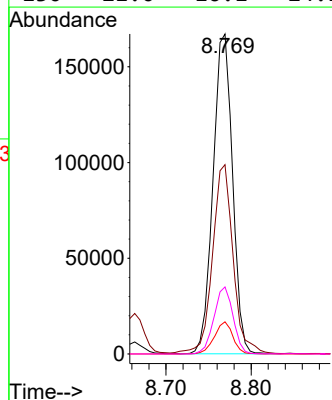
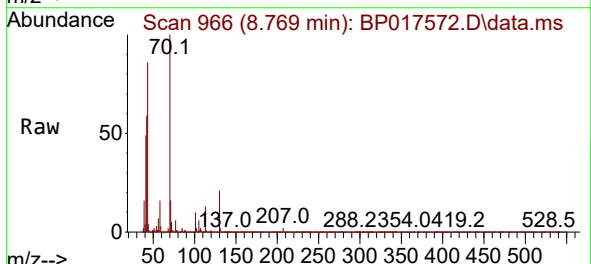
Instrument :
BNA_G
ClientSampleId :

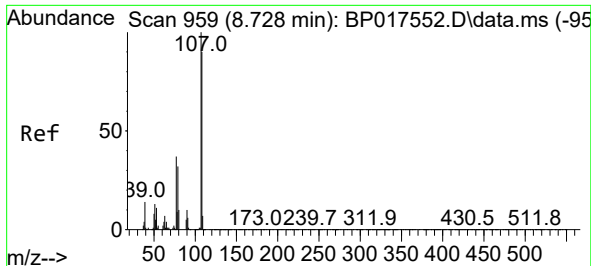
Tgt Ion:105 Resp: 502370
Ion Ratio Lower Upper
105 100
77 81.0 63.5 95.3
51 26.7 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 46.045 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 70 Resp: 265403
Ion Ratio Lower Upper
70 100
42 59.2 44.9 67.3
101 10.0 7.7 11.5
130 21.0 16.1 24.1

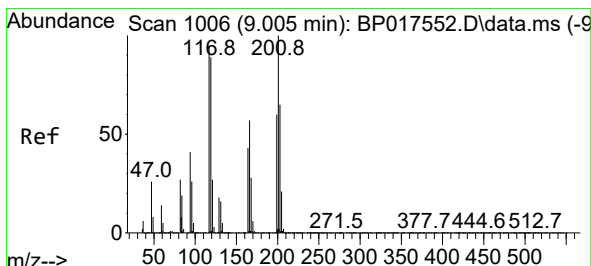
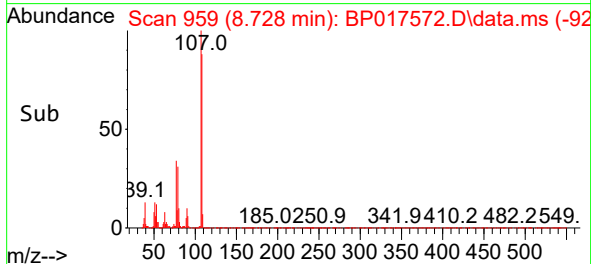
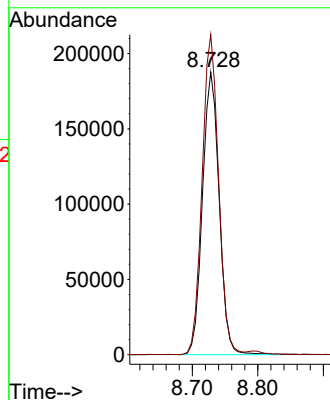
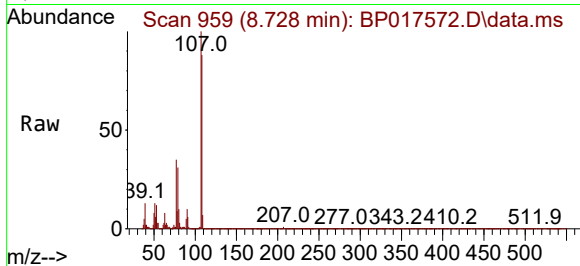




#18
4-Methylphenol
Concen: 45.997 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

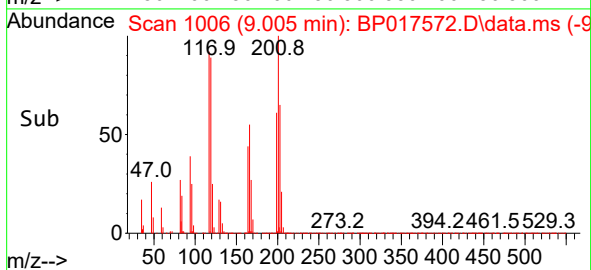
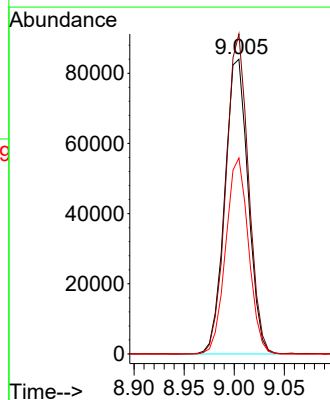
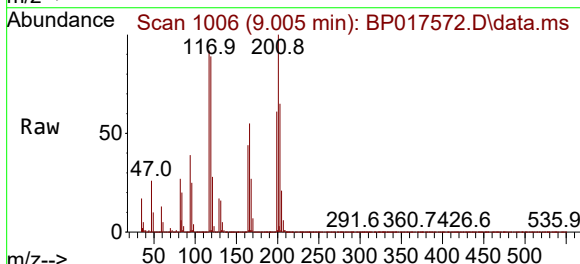
Instrument :
BNA_G
ClientSampleId :

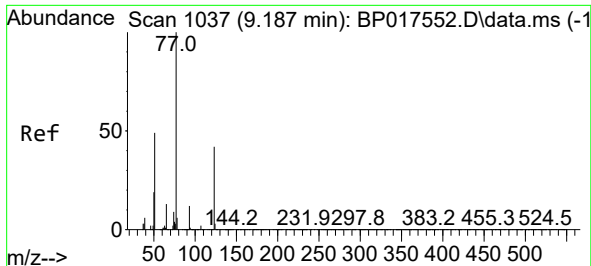
Tgt Ion:108 Resp: 332432
Ion Ratio Lower Upper
108 100
107 113.3 89.0 133.6



#19
Hexachloroethane
Concen: 43.323 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:117 Resp: 136364
Ion Ratio Lower Upper
117 100
201 108.6 83.2 124.8
199 66.5 52.8 79.2

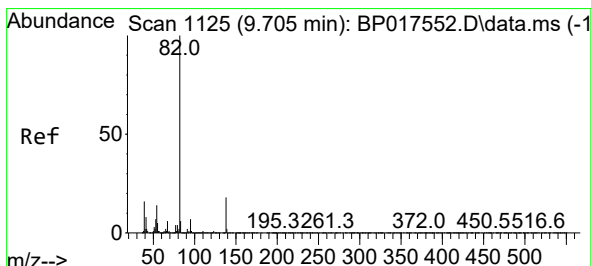
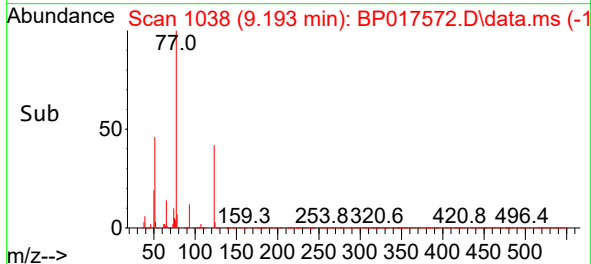
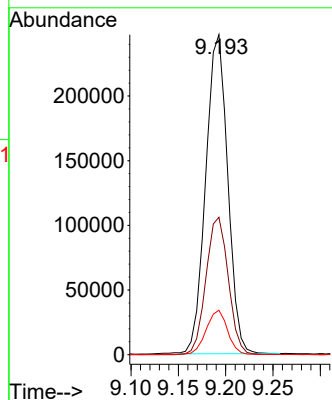
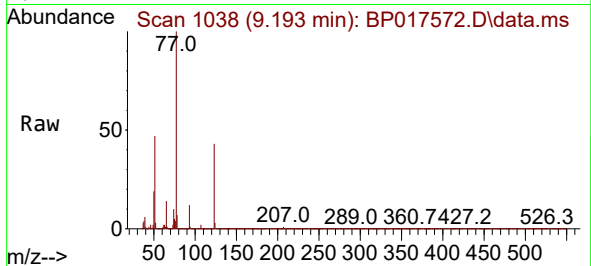




#22
Nitrobenzene
Concen: 44.469 ng/ul
RT: 9.193 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

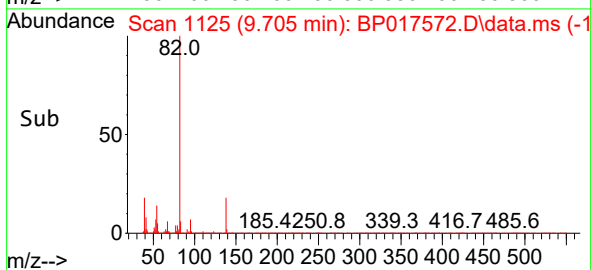
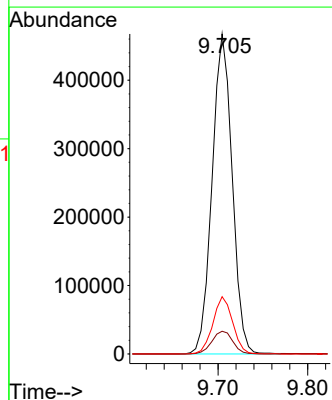
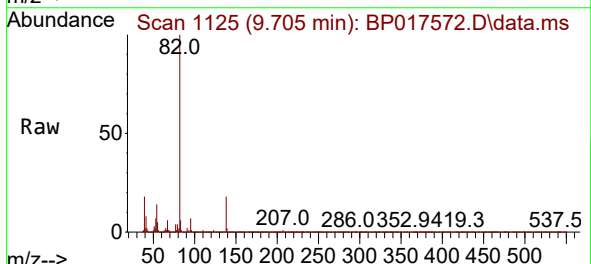
Instrument :
BNA_G
ClientSampleId :

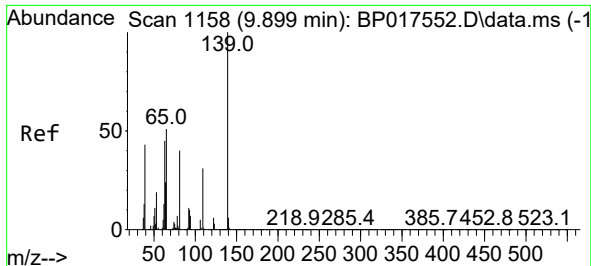
Tgt Ion: 77 Resp: 398750
Ion Ratio Lower Upper
77 100
123 42.9 35.0 52.6
65 13.9 11.0 16.4



#23
Isophorone
Concen: 44.118 ng/ul
RT: 9.705 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 82 Resp: 725808
Ion Ratio Lower Upper
82 100
95 7.1 6.3 9.5
138 17.9 14.6 21.8

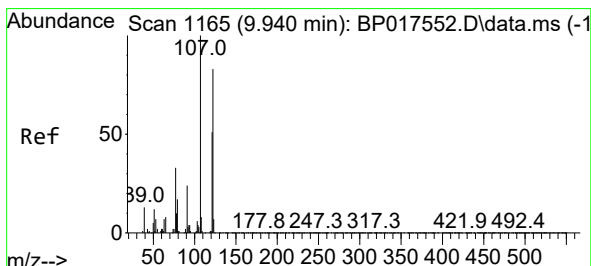
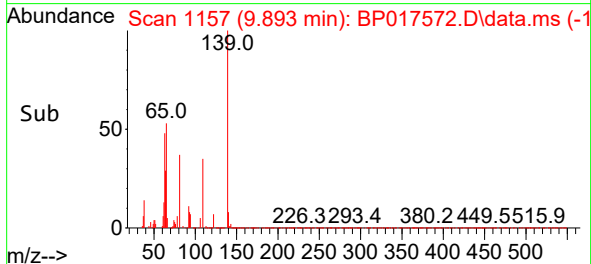
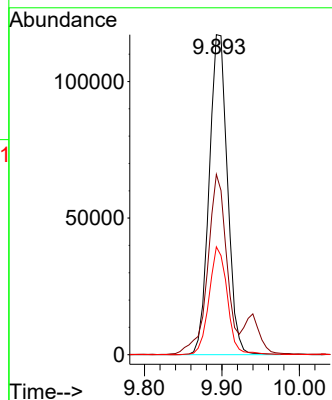
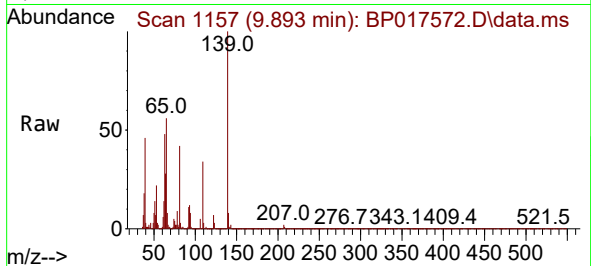




#25
2-Nitrophenol
Concen: 46.010 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

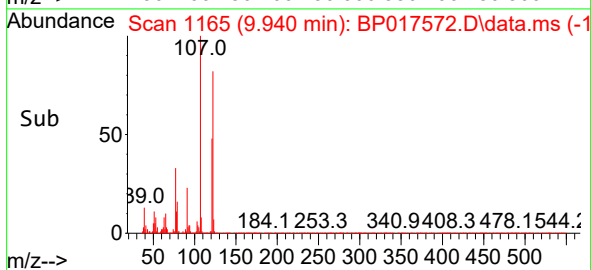
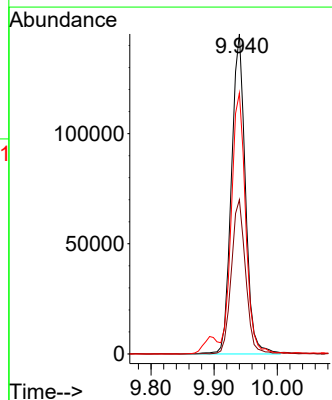
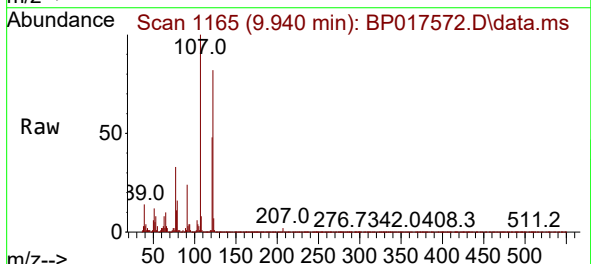
Instrument :
BNA_G
ClientSampleId :

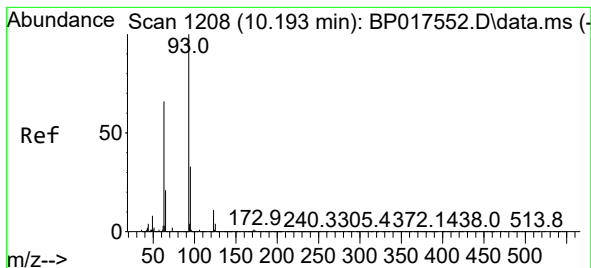
Tgt Ion:139 Resp: 191960
Ion Ratio Lower Upper
139 100
65 56.3 43.4 65.0
109 33.7 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 27.036 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:107 Resp: 223644
Ion Ratio Lower Upper
107 100
121 48.2 39.8 59.8
122 81.5 68.3 102.5

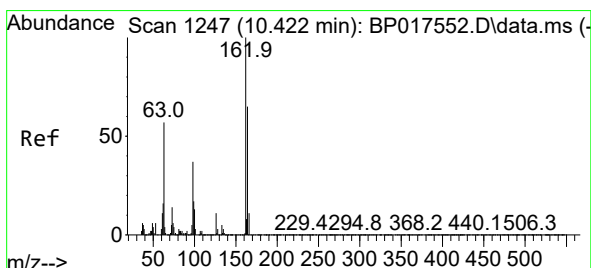
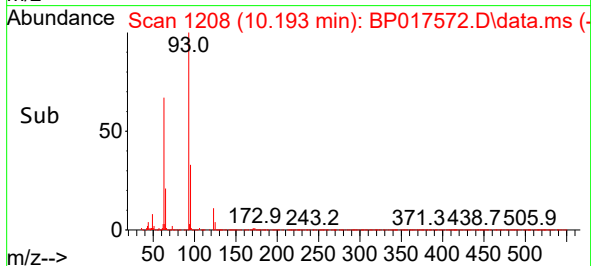
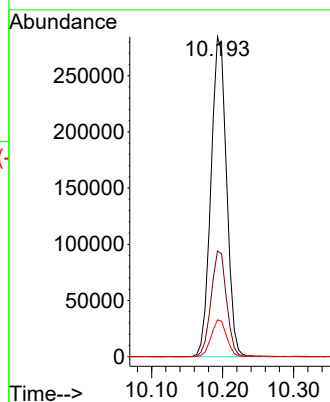
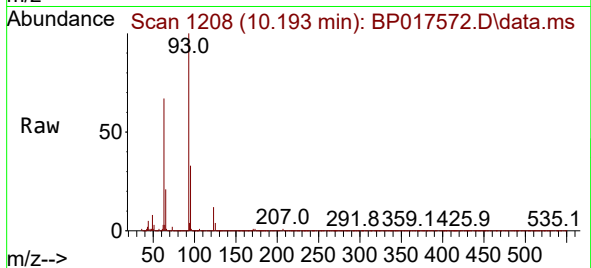




#27
Bis(2-Chloroethoxy)methane
Concen: 43.205 ng/ul
RT: 10.193 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

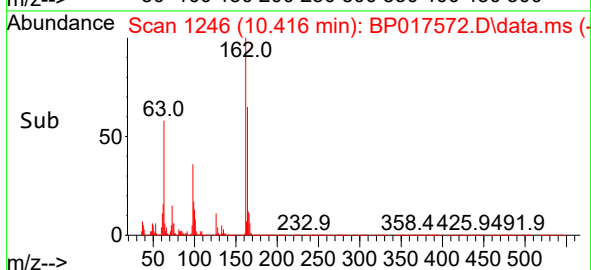
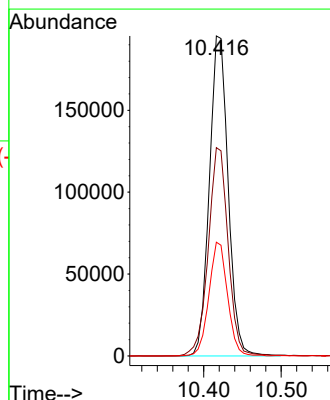
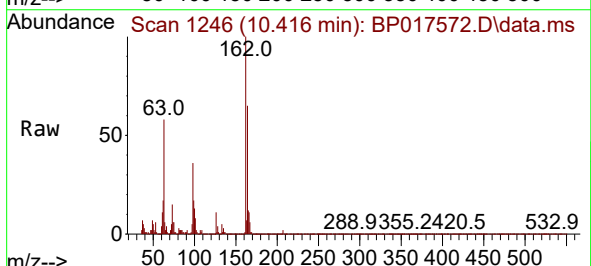
Instrument :
BNA_G
ClientSampleId :

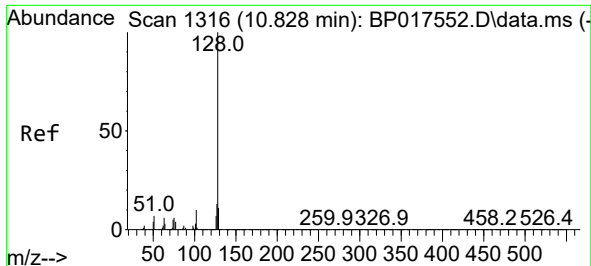
Tgt Ion: 93 Resp: 434584
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 11.5 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 46.560 ng/ul
RT: 10.416 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 162 Resp: 329548
Ion Ratio Lower Upper
162 100
164 65.1 54.4 81.6
98 35.5 28.2 42.4

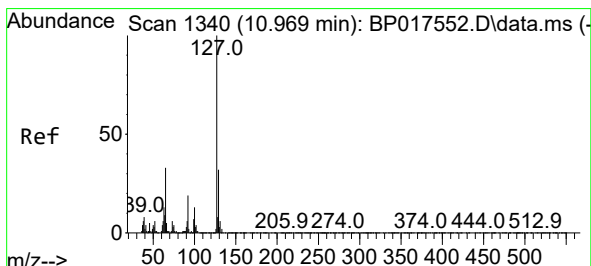
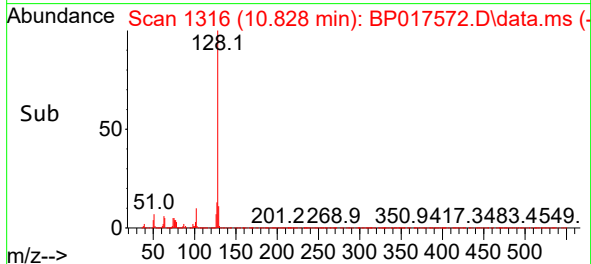
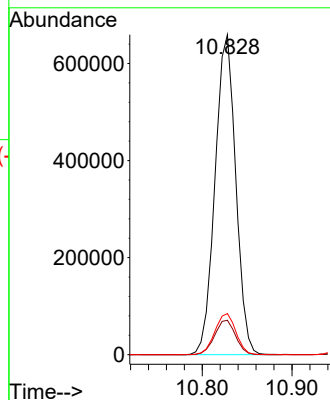
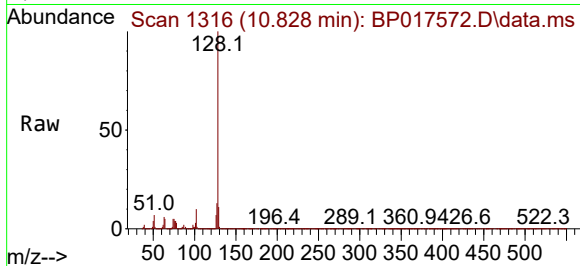




#30
Naphthalene
Concen: 43.668 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

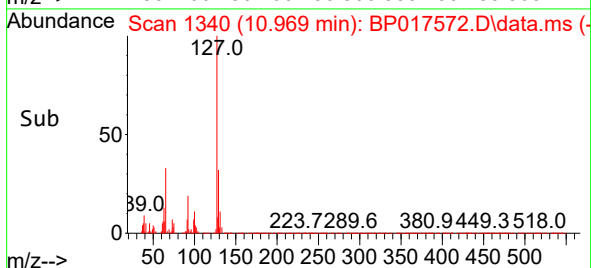
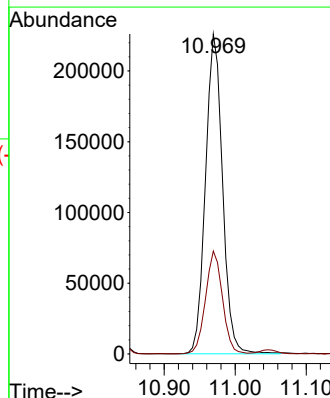
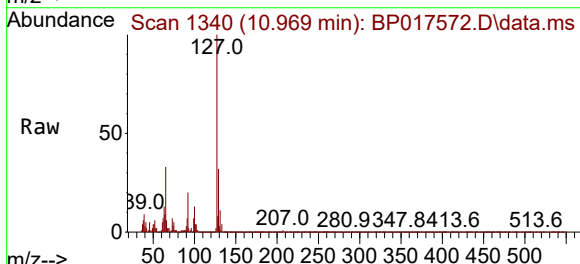
Instrument :
BNA_G
ClientSampleId :

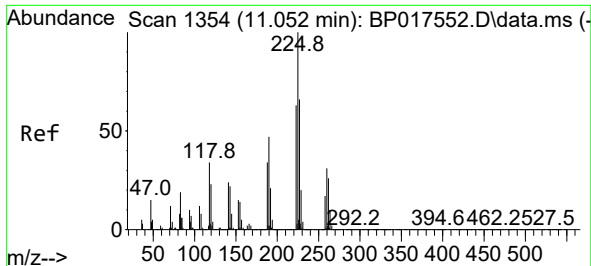
Tgt Ion:128 Resp: 1055783
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.2 15.4



#32
4-Chloroaniline
Concen: 38.074 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:127 Resp: 377388
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4

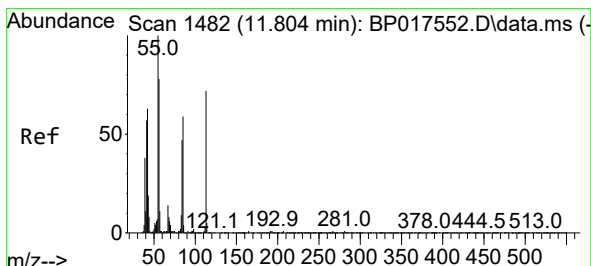
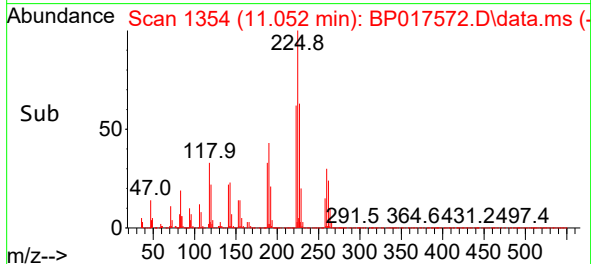
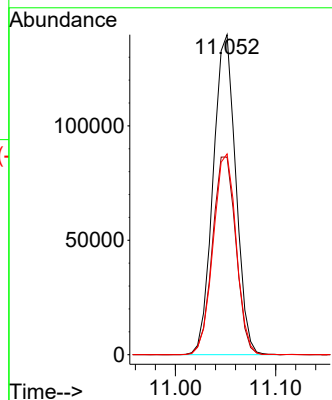
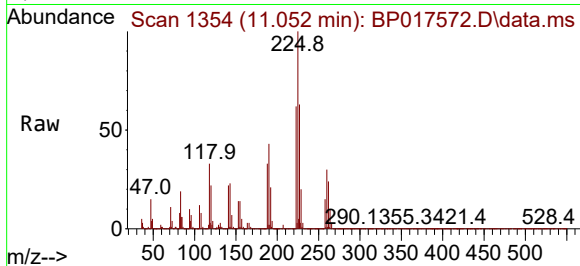




#33
Hexachlorobutadiene
Concen: 42.583 ng/ul
RT: 11.052 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

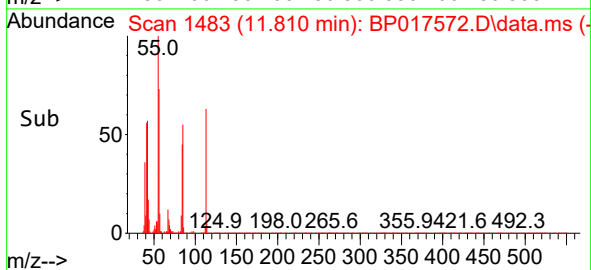
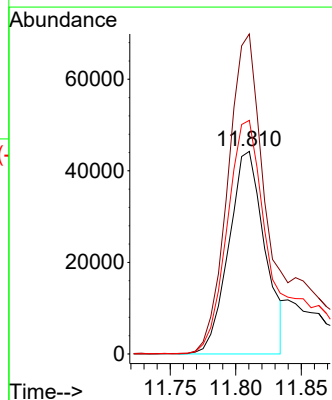
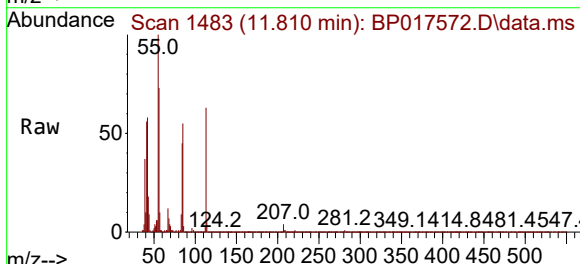
Instrument :
BNA_G
ClientSampleId :

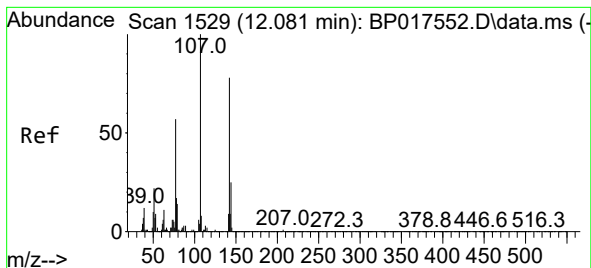
Tgt Ion:225 Resp: 218880
Ion Ratio Lower Upper
225 100
223 61.7 51.5 77.3
227 62.7 51.4 77.0



#34
Caprolactam
Concen: 38.455 ng/ul
RT: 11.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:113 Resp: 84466
Ion Ratio Lower Upper
113 100
55 158.0 124.6 187.0
56 115.3 94.7 142.1

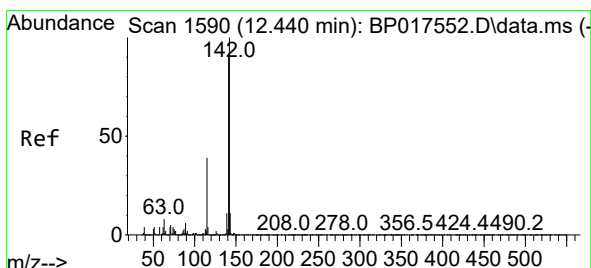
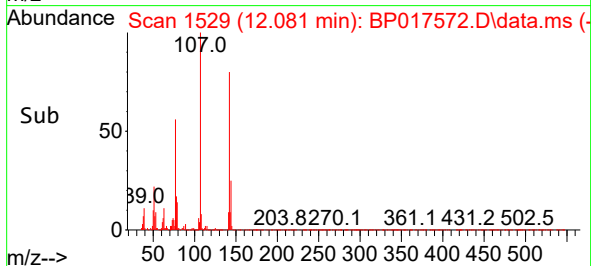
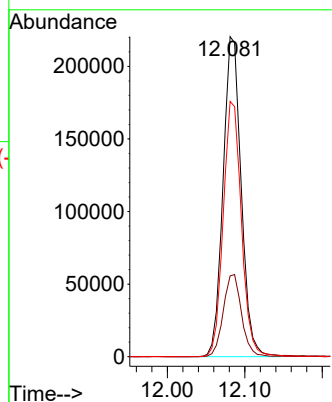
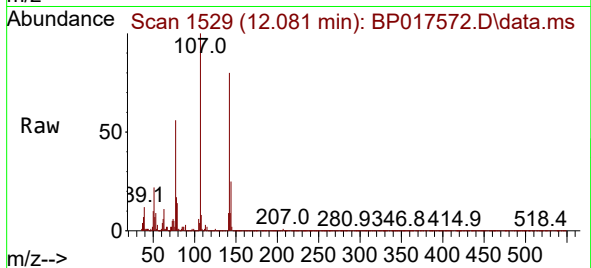




#35
4-Chloro-3-methylphenol
Concen: 47.978 ng/ul
RT: 12.081 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

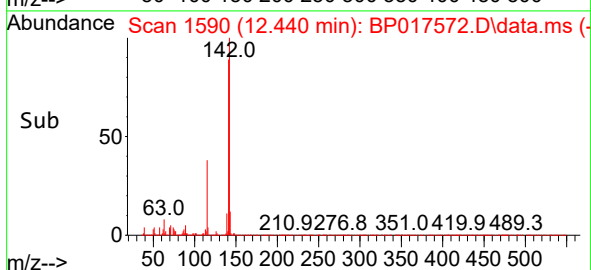
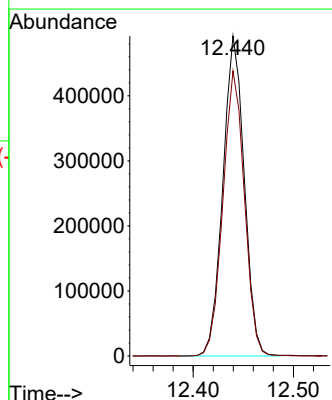
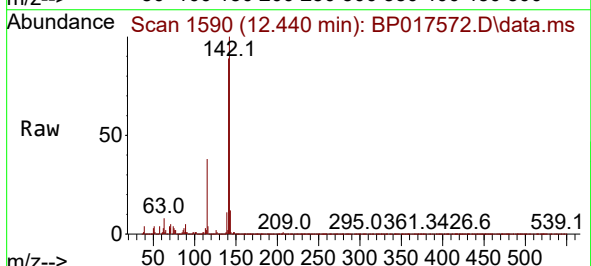
Instrument :
BNA_G
ClientSampleId :

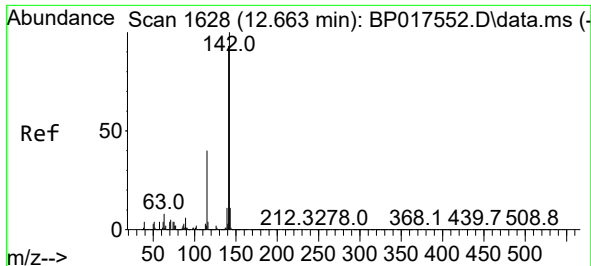
Tgt Ion:107 Resp: 358392
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 79.8 62.3 93.5



#36
2-Methylnaphthalene
Concen: 43.985 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:142 Resp: 726659
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2

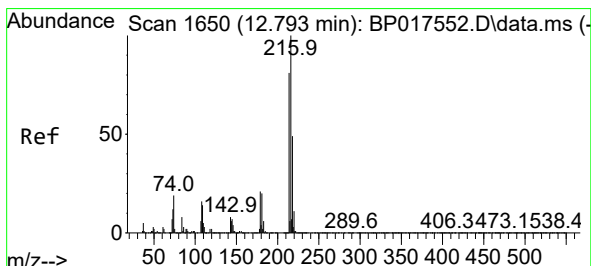
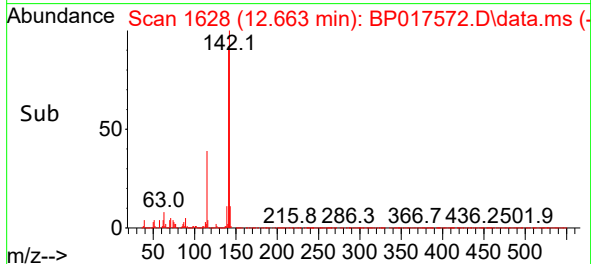
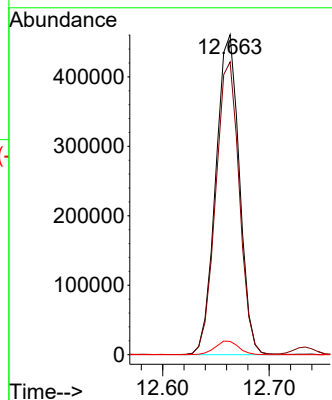
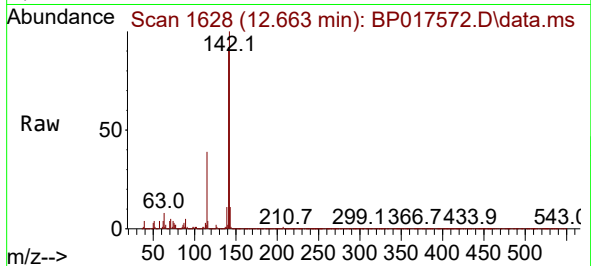




#37
1-Methylnaphthalene
Concen: 41.809 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

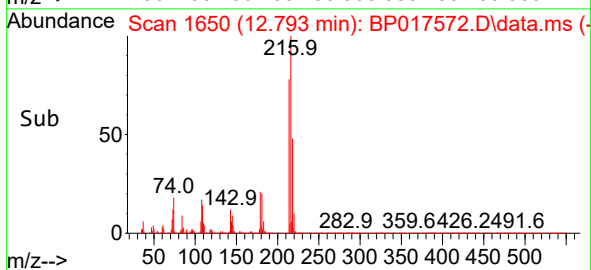
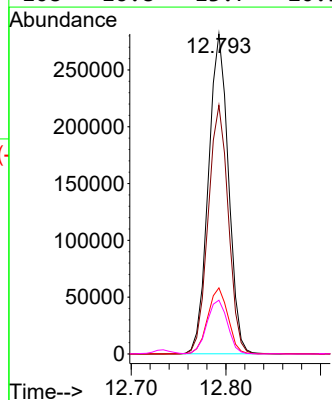
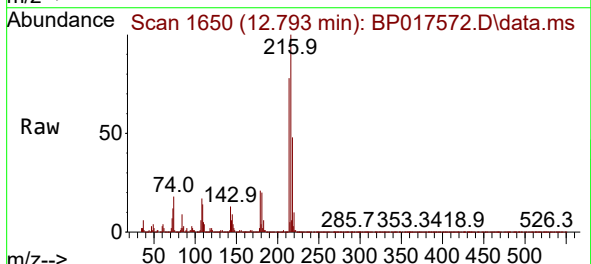
Instrument :
BNA_G
ClientSampleId :

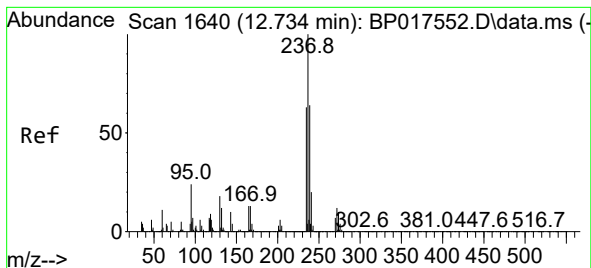
Tgt Ion:142 Resp: 708656
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1
116 4.2 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.372 ng/ul
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:216 Resp: 413125
Ion Ratio Lower Upper
216 100
214 77.7 62.6 94.0
179 20.7 17.1 25.7
108 16.8 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 22.771 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

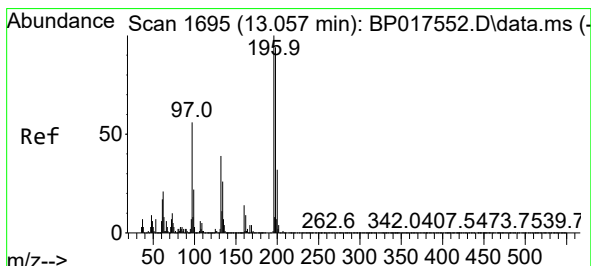
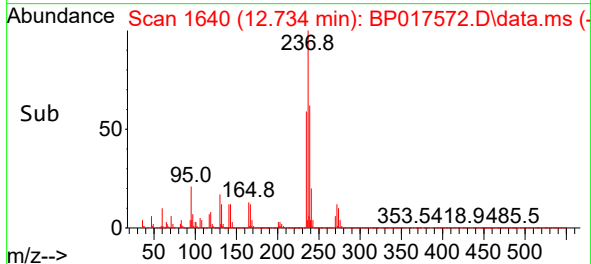
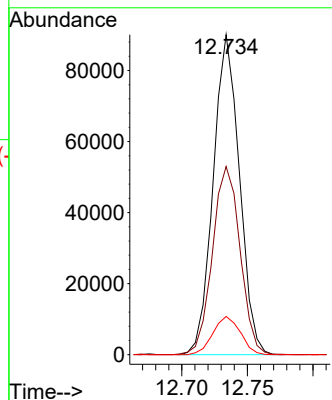
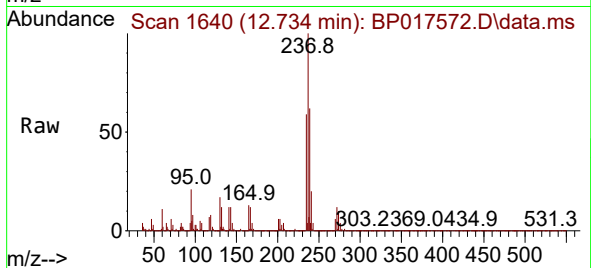
Tgt Ion:237 Resp: 125219

Ion Ratio Lower Upper

237 100

235 58.8 51.4 77.0

272 12.6 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 40.654 ng/ul

RT: 13.051 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

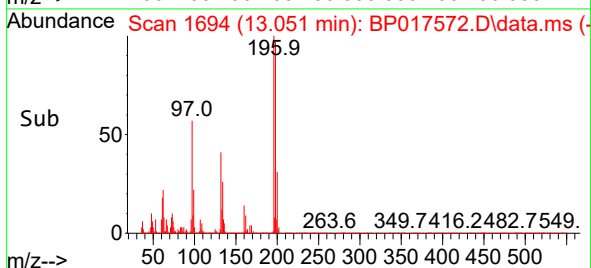
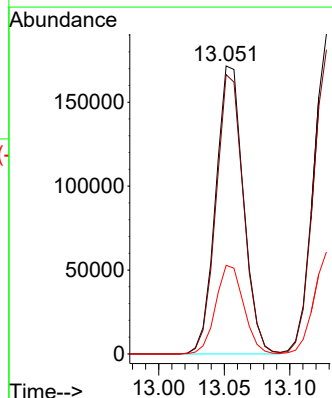
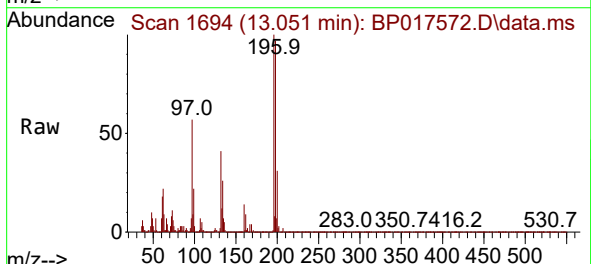
Tgt Ion:196 Resp: 252610

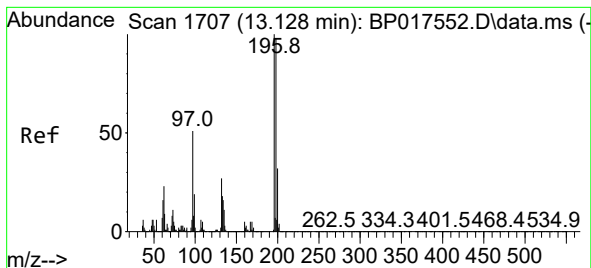
Ion Ratio Lower Upper

196 100

198 97.0 76.3 114.5

200 30.8 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 43.868 ng/ul

RT: 13.128 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

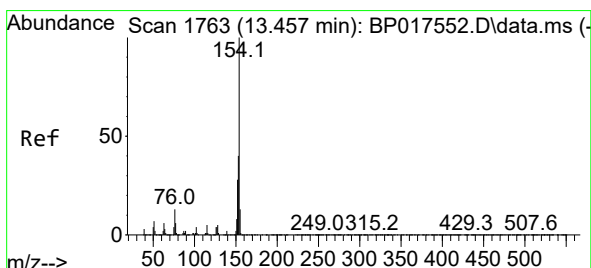
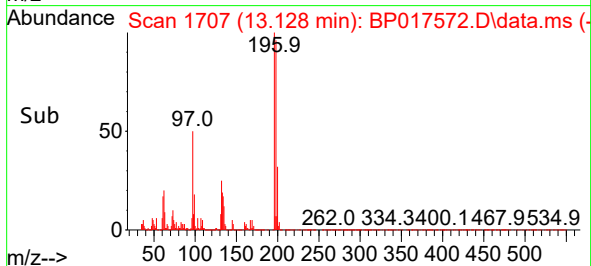
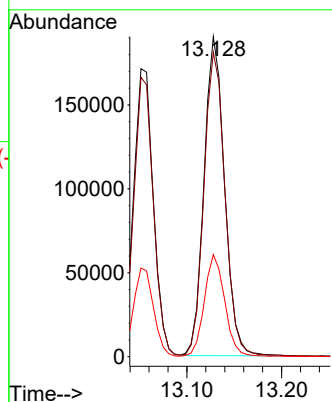
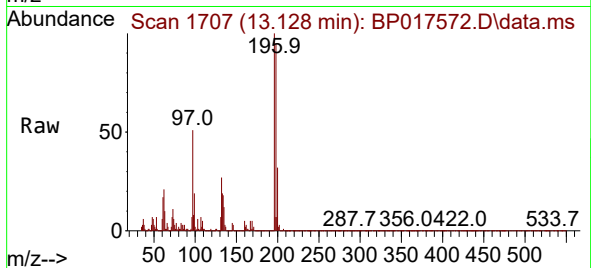
Tgt Ion:196 Resp: 287008

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.2

200 31.9 24.9 37.3



#43

1,1'-Biphenyl

Concen: 43.953 ng/ul

RT: 13.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

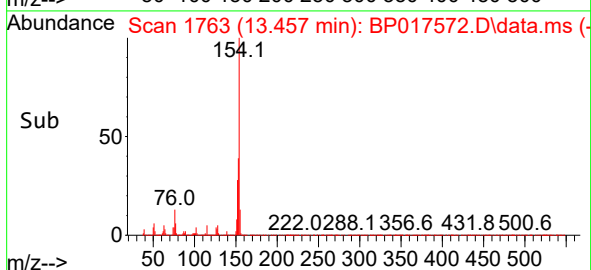
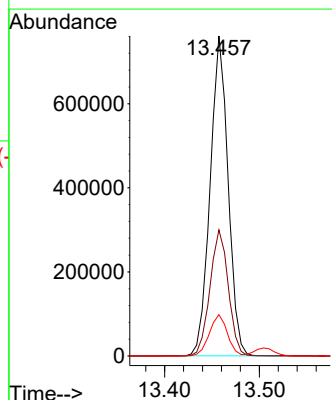
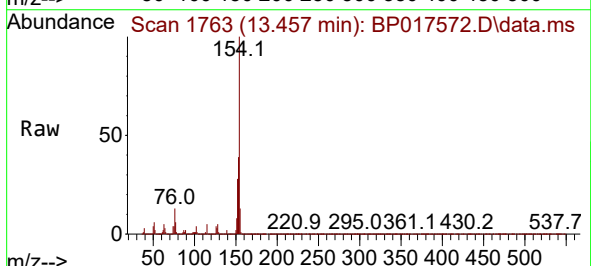
Tgt Ion:154 Resp: 1001271

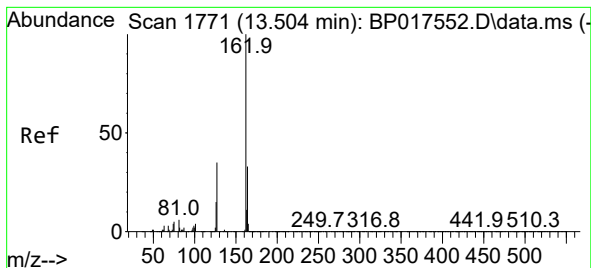
Ion Ratio Lower Upper

154 100

153 39.4 32.2 48.4

76 12.9 11.0 16.4

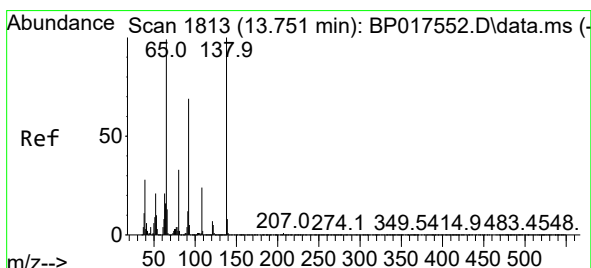
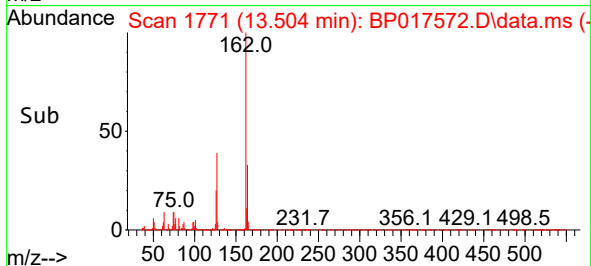
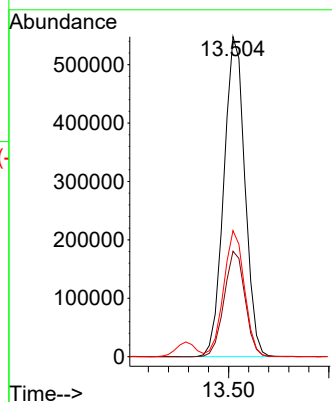
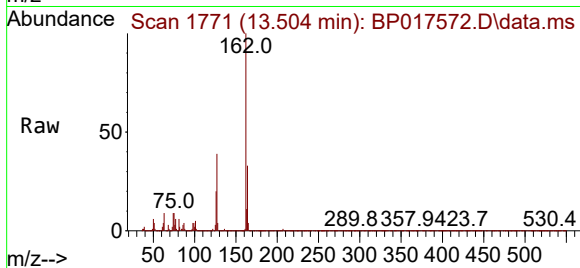




#44
2-Chloronaphthalene
Concen: 43.964 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

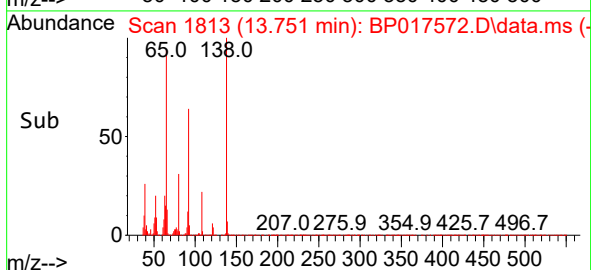
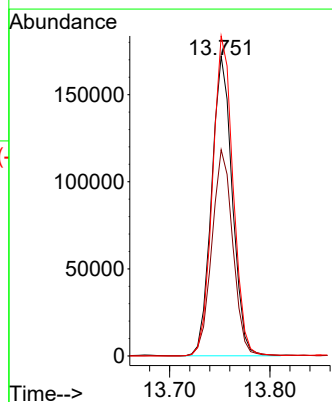
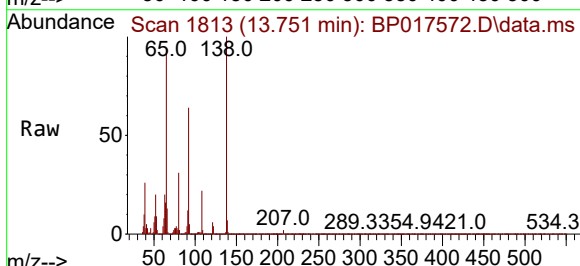
Instrument :
BNA_G
ClientSampleId :

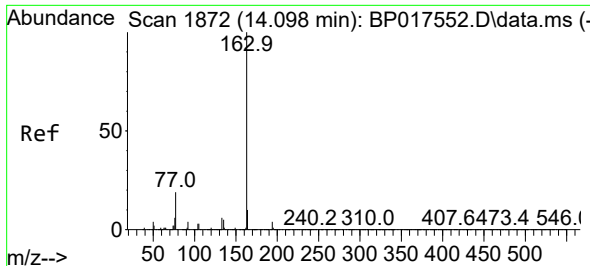
Tgt Ion:162 Resp: 796281
Ion Ratio Lower Upper
162 100
164 32.9 26.0 39.0
127 39.4 31.2 46.8



#45
2-Nitroaniline
Concen: 49.139 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion: 65 Resp: 247310
Ion Ratio Lower Upper
65 100
92 68.8 54.7 82.1
138 106.7 81.4 122.2

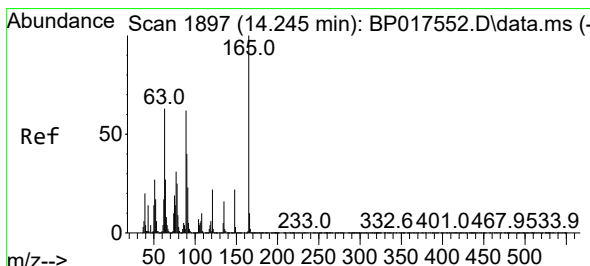
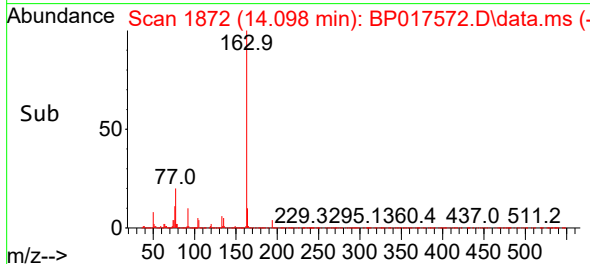
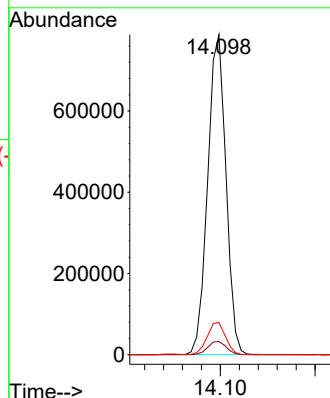
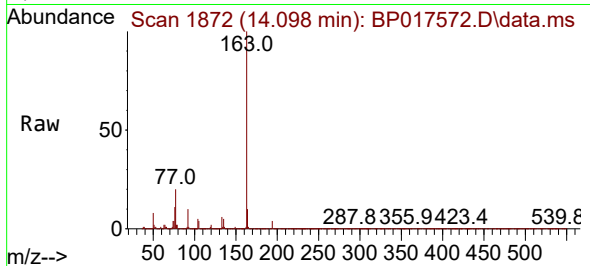




#47
Dimethylphthalate
Concen: 45.079 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

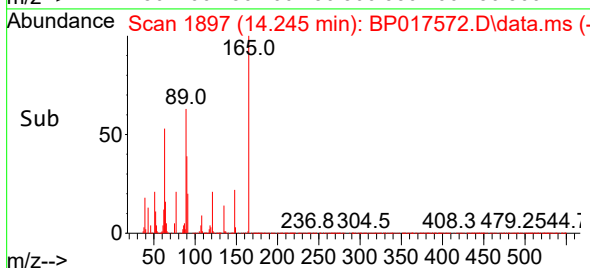
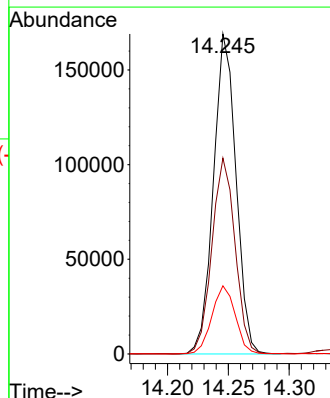
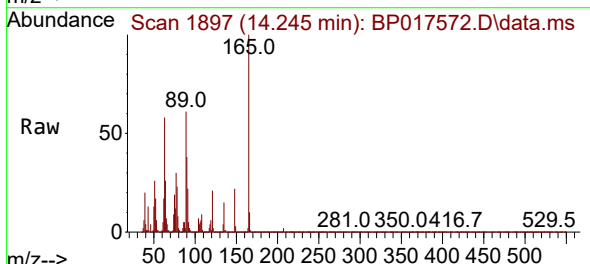
Instrument :
BNA_G
ClientSampleId :

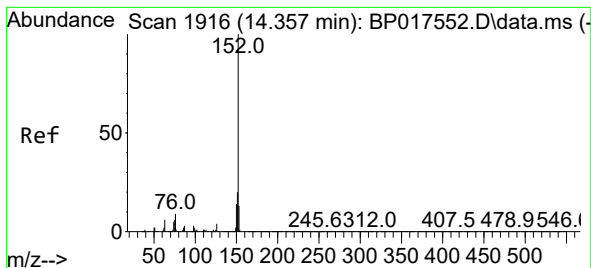
Tgt Ion:163 Resp: 1051754
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 50.108 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:165 Resp: 217851
Ion Ratio Lower Upper
165 100
89 61.2 52.6 78.8
121 21.3 16.7 25.1





#50

Acenaphthylene

Concen: 41.904 ng/ul

RT: 14.363 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

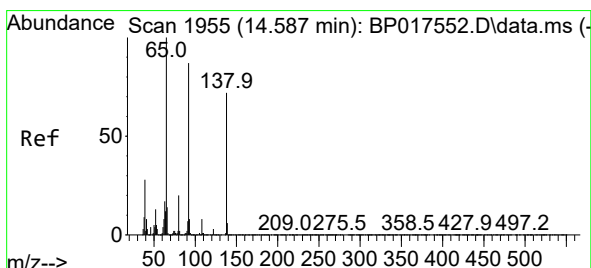
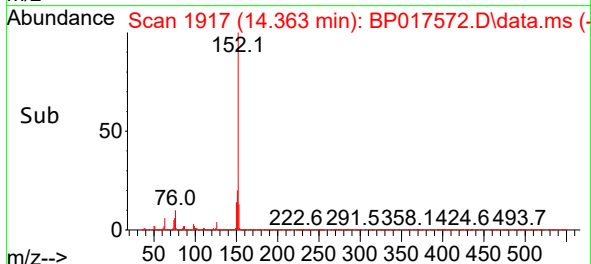
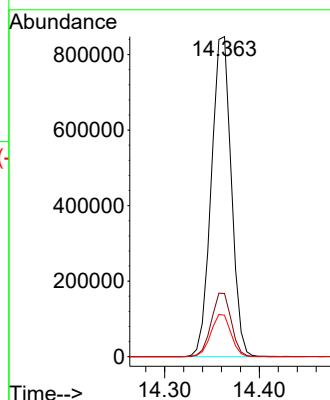
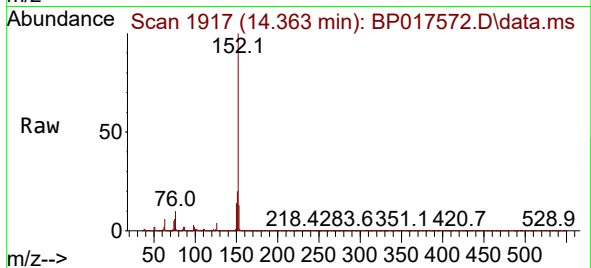
Tgt Ion:152 Resp: 1240404

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 54.428 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

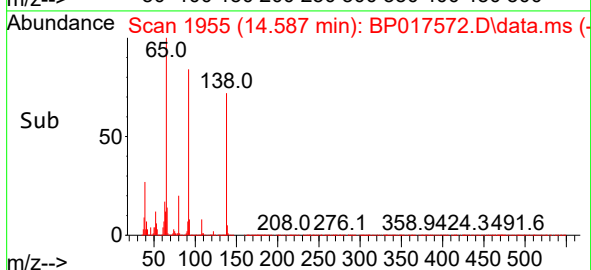
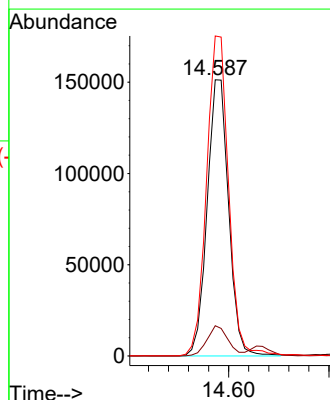
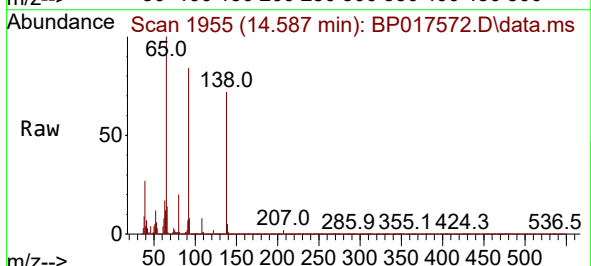
Tgt Ion:138 Resp: 225579

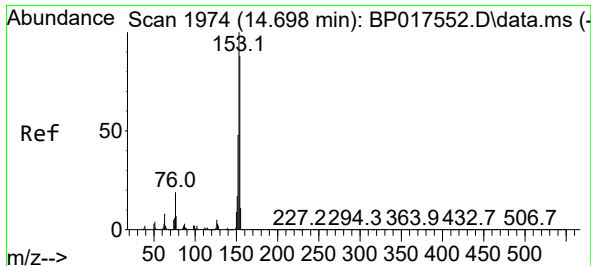
Ion Ratio Lower Upper

138 100

108 10.9 9.3 13.9

92 115.9 96.4 144.6

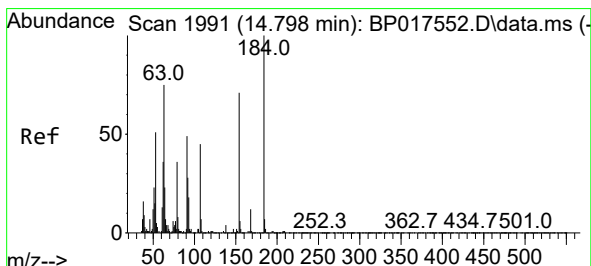
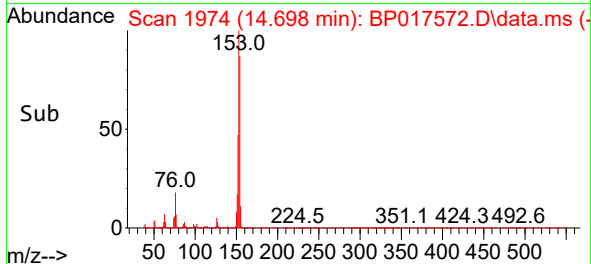
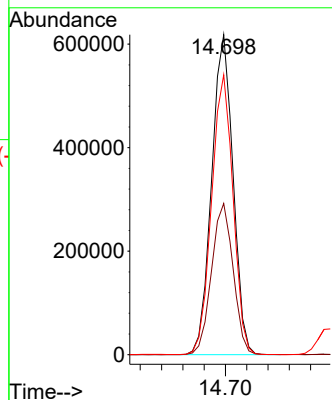
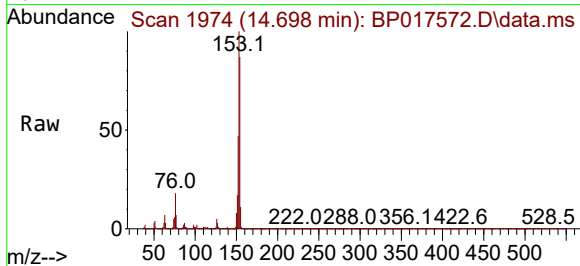




#52
Acenaphthene
Concen: 44.102 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

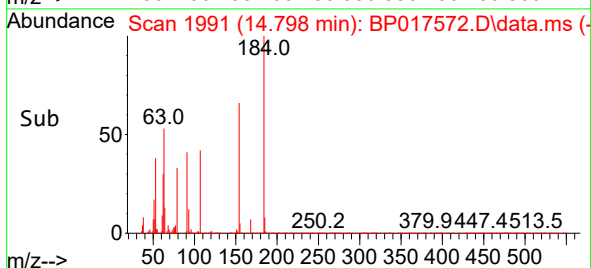
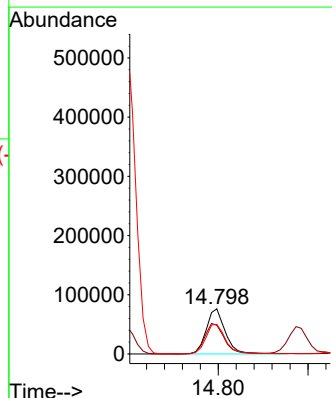
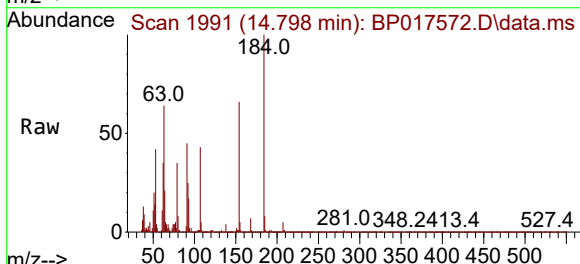
Instrument :
BNA_G
ClientSampleId :

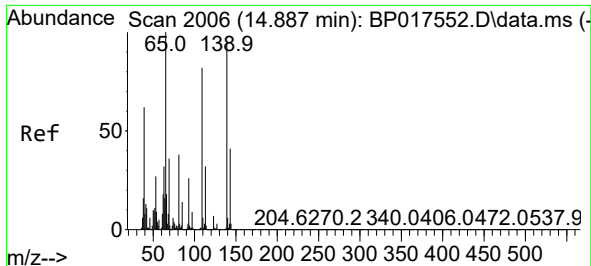
Tgt Ion:153 Resp: 861705
Ion Ratio Lower Upper
153 100
152 47.2 38.3 57.5
154 87.4 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 43.500 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:184 Resp: 111948
Ion Ratio Lower Upper
184 100
63 63.6 51.1 76.7
154 65.5 47.5 71.3

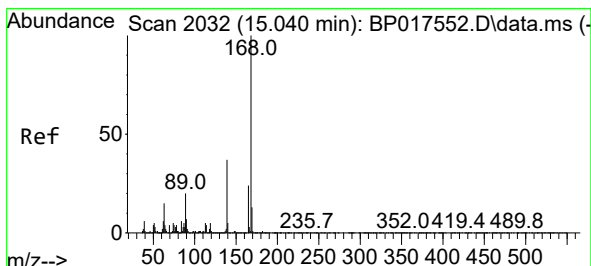
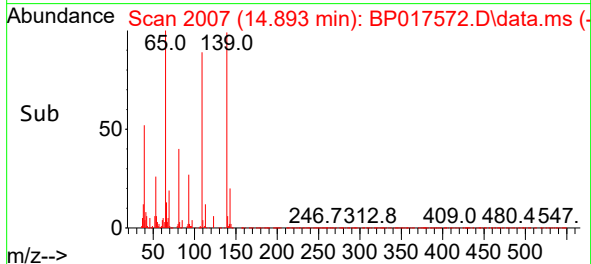
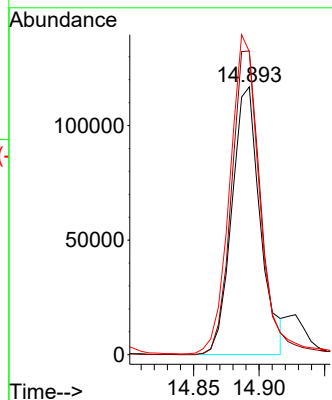
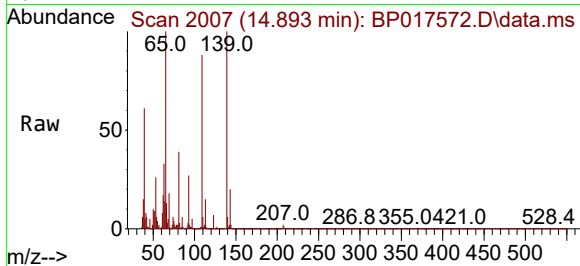




#55
4-Nitrophenol
Concen: 48.214 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

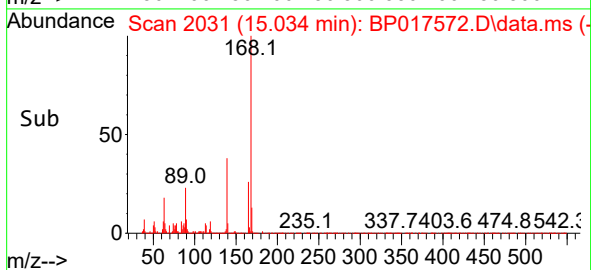
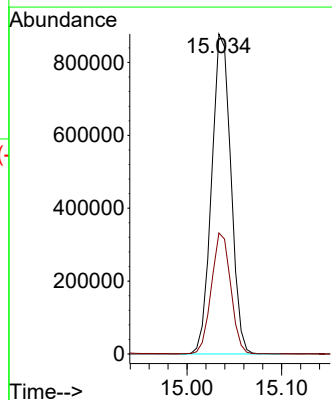
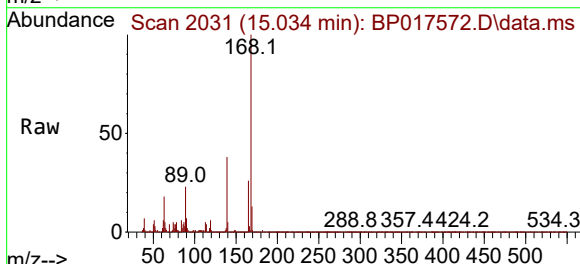
Instrument :
BNA_G
ClientSampleId :

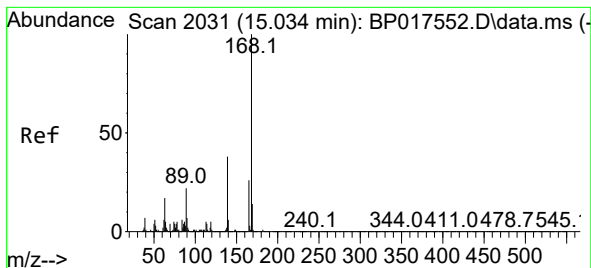
Tgt Ion:109 Resp: 175994
Ion Ratio Lower Upper
109 100
139 113.4 95.5 143.3
65 113.1 97.9 146.9



#56
Dibenzofuran
Concen: 45.045 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:168 Resp: 1238694
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 50.401 ng/ul

RT: 15.040 min Scan# 2032

Delta R.T. 0.000 min

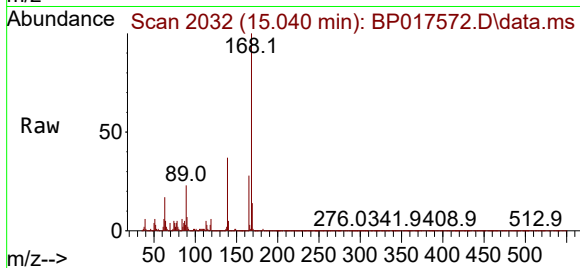
Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :



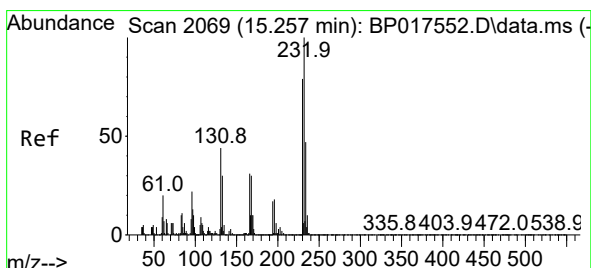
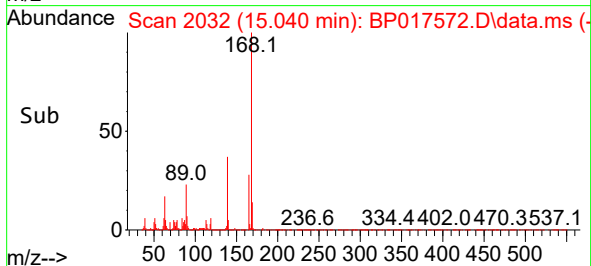
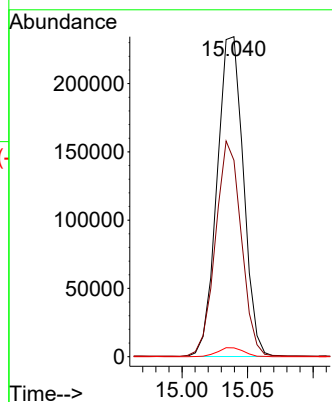
Tgt Ion:165 Resp: 327053

Ion Ratio Lower Upper

165 100

63 61.3 53.4 80.0

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.757 ng/ul

RT: 15.257 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Tgt Ion:232 Resp: 224430

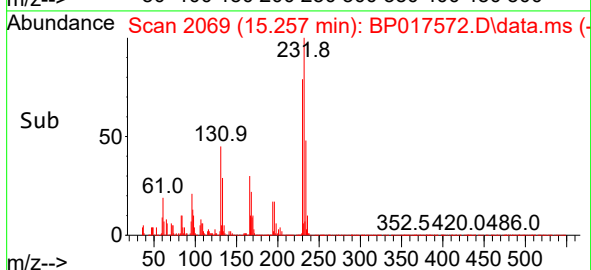
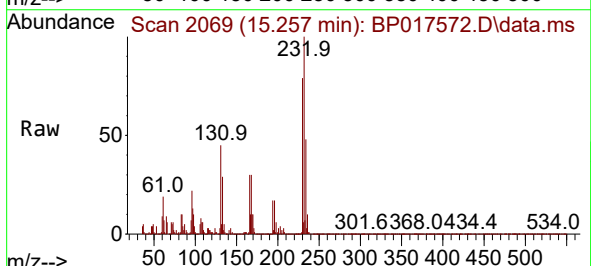
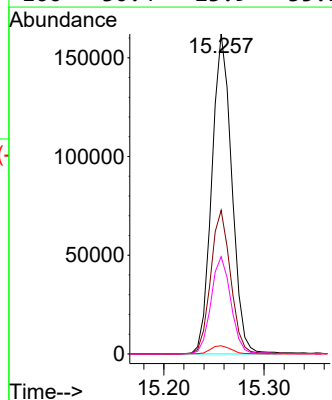
Ion Ratio Lower Upper

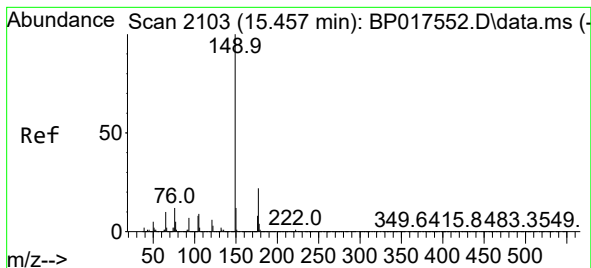
232 100

131 44.9 35.0 52.6

130 2.6 1.9 2.9

166 30.4 23.9 35.9





#59

Diethylphthalate

Concen: 45.441 ng/ul

RT: 15.457 min Scan# 2103

Delta R.T. -0.006 min

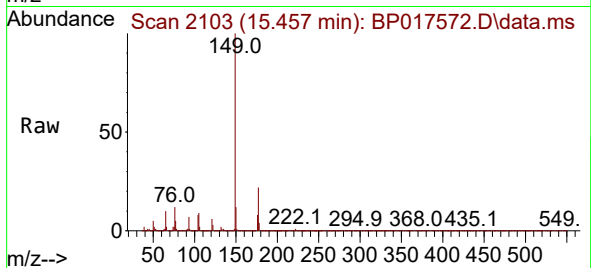
Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :



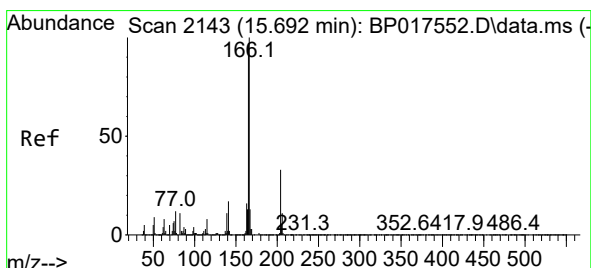
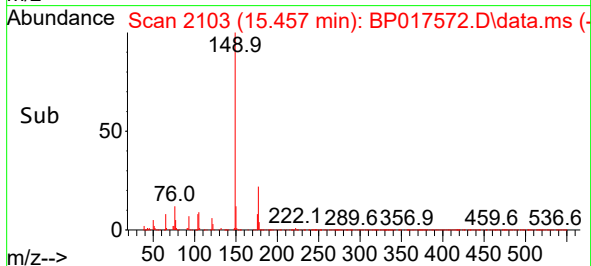
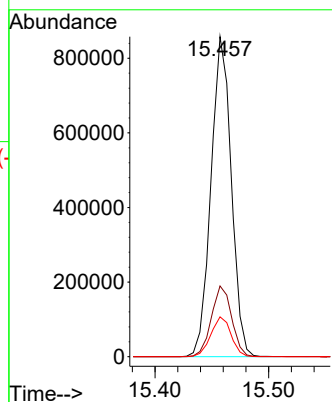
Tgt Ion:149 Resp: 1063409

Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.6

150 12.5 10.2 15.4



#61

Fluorene

Concen: 45.170 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

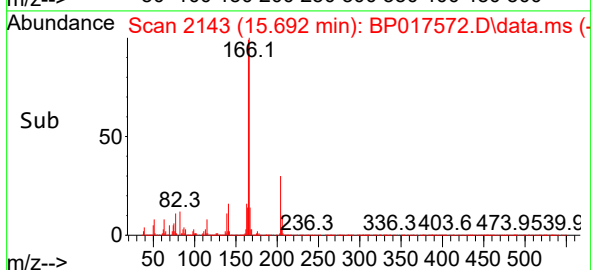
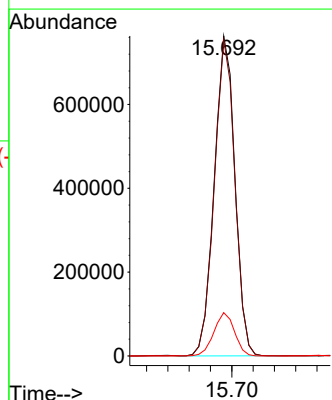
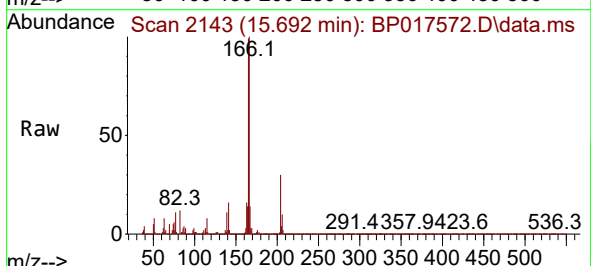
Tgt Ion:166 Resp: 1025870

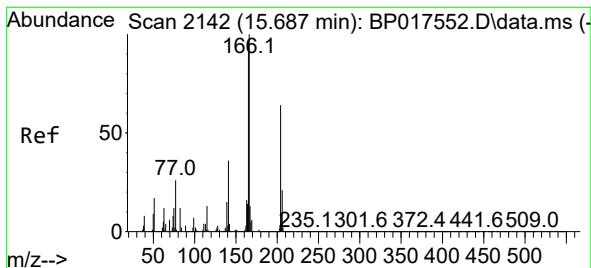
Ion Ratio Lower Upper

166 100

165 98.9 78.9 118.3

167 13.6 11.0 16.4

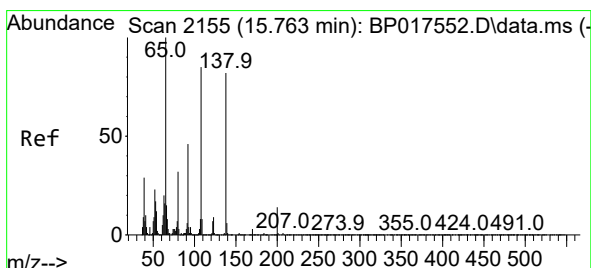
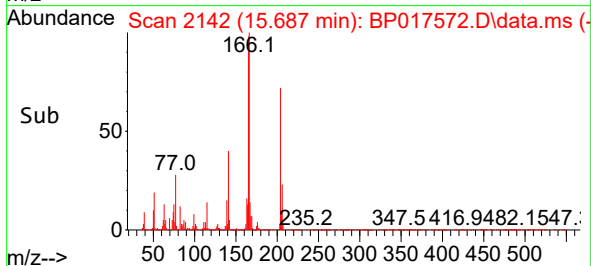
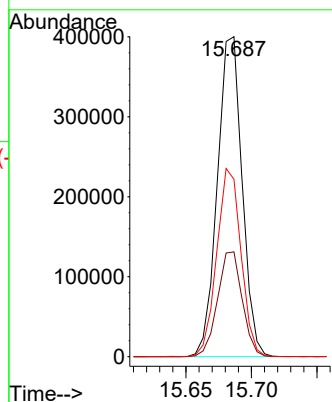
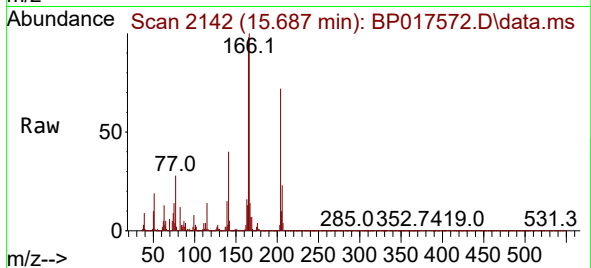




#62
4-Chlorophenyl-phenylether
Concen: 45.144 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

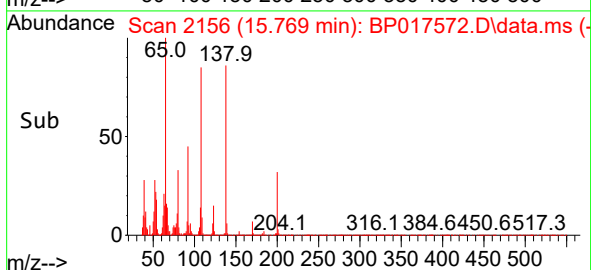
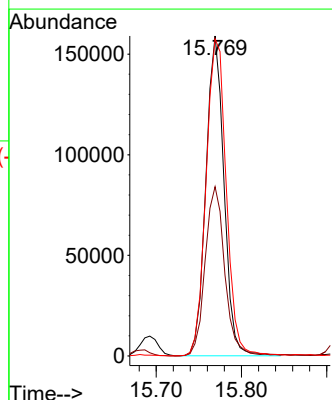
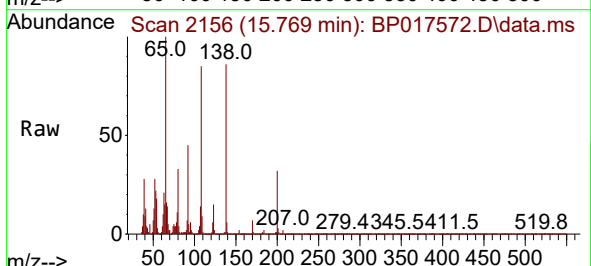
Instrument :
BNA_G
ClientSampleId :

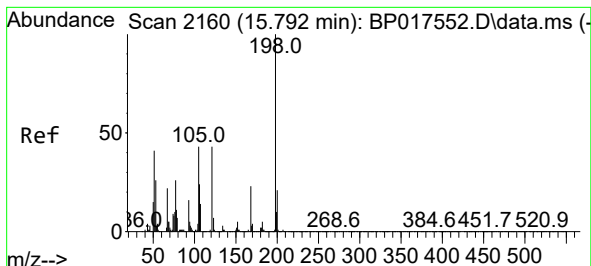
Tgt Ion:204 Resp: 525219
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 55.4 46.9 70.3



#63
4-Nitroaniline
Concen: 60.330 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:138 Resp: 235018
Ion Ratio Lower Upper
138 100
92 52.9 44.8 67.2
108 99.1 79.7 119.5

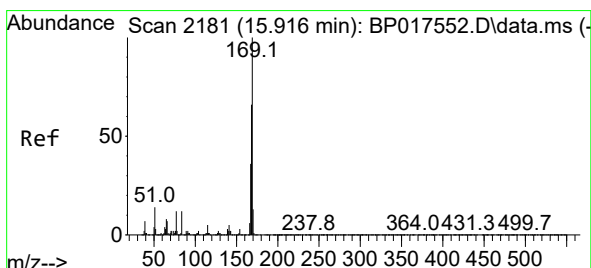
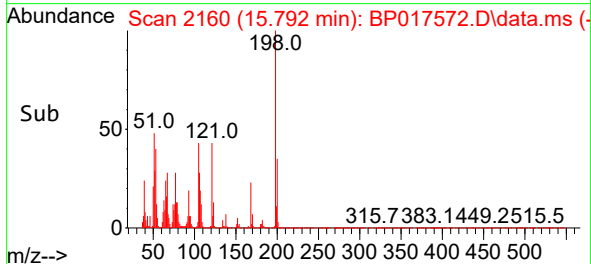
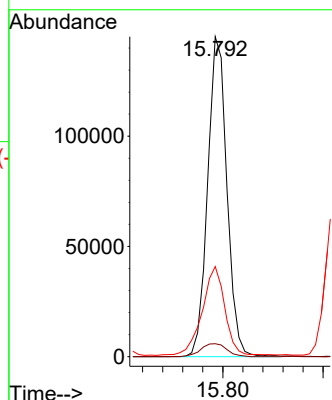
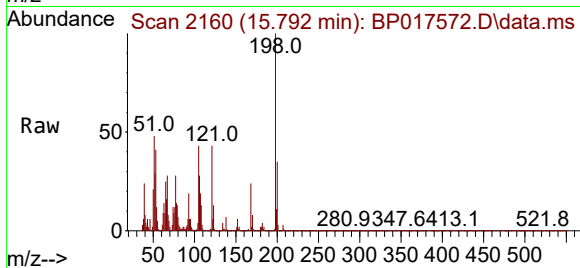




#66
4,6-Dinitro-2-methylphenol
Concen: 43.604 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

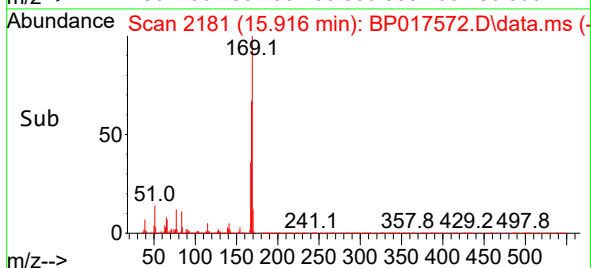
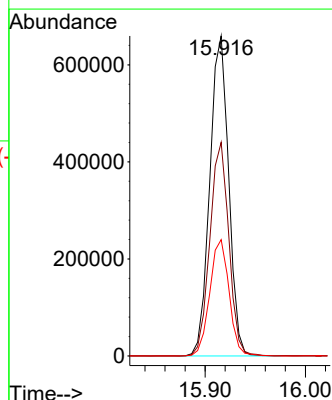
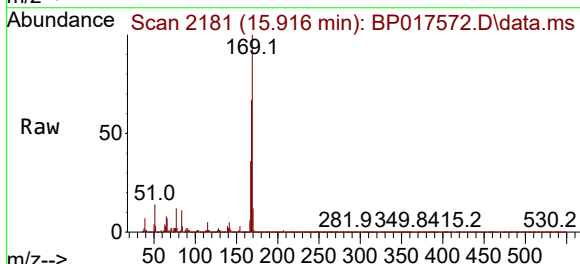
Instrument :
BNA_G
ClientSampleId :

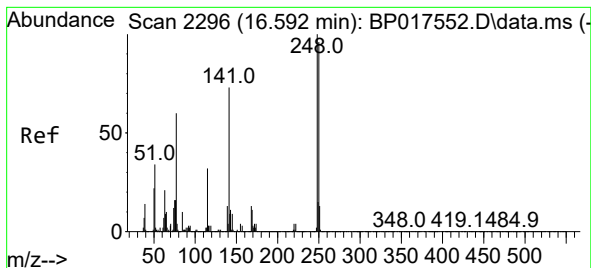
Tgt Ion:198 Resp: 193721
Ion Ratio Lower Upper
198 100
182 4.1 4.2 6.2#
77 28.2 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 46.275 ng/ul
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:169 Resp: 863124
Ion Ratio Lower Upper
169 100
168 66.8 54.3 81.5
167 36.4 29.7 44.5

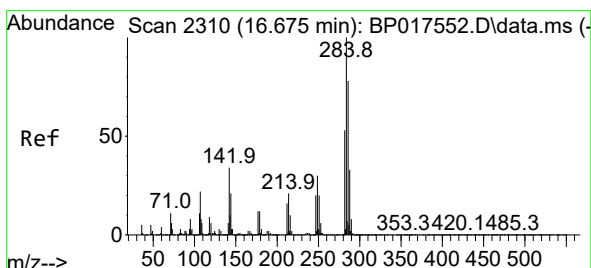
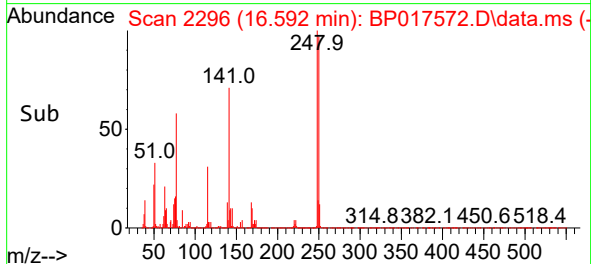
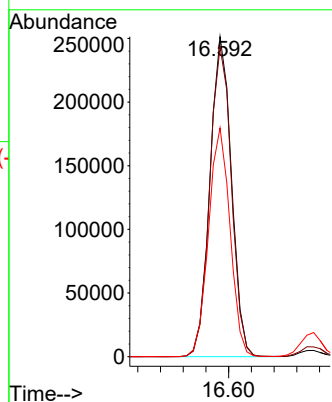
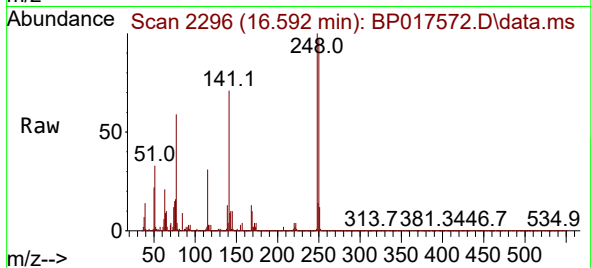




#68
4-Bromophenyl-phenylether
Concen: 46.710 ng/ul
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

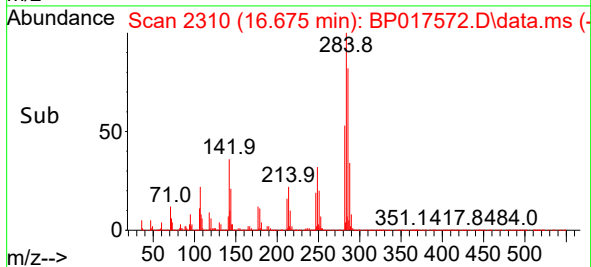
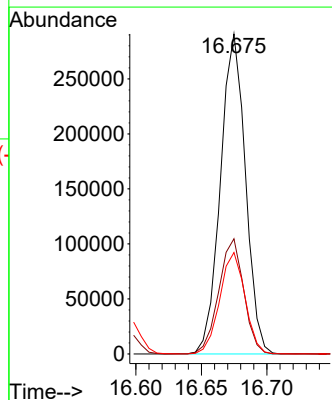
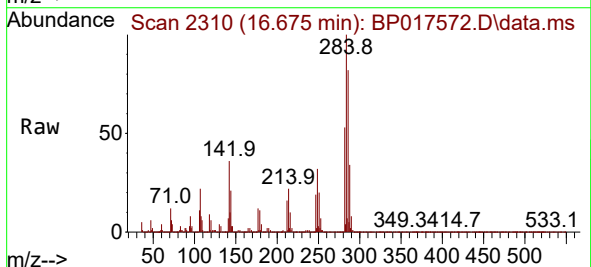
Instrument :
BNA_G
ClientSampleId :

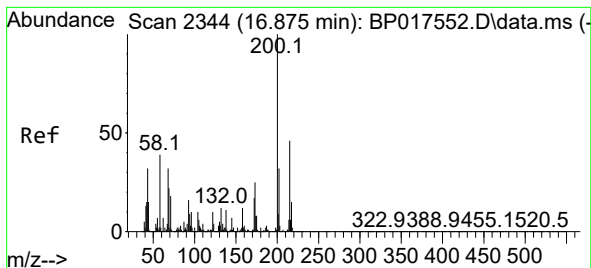
Tgt Ion:248 Resp: 329859
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 71.5 57.1 85.7



#69
Hexachlorobenzene
Concen: 46.342 ng/ul
RT: 16.675 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BP017572.D
Acq: 05 Oct 2023 18:48

Tgt Ion:284 Resp: 385396
Ion Ratio Lower Upper
284 100
142 36.0 27.0 40.6
249 31.7 24.6 36.8





#70

Atrazine

Concen: 5.069 ng/ul

RT: 16.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

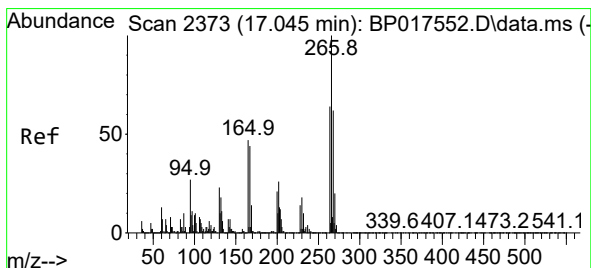
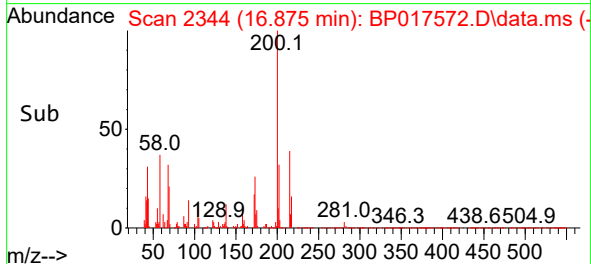
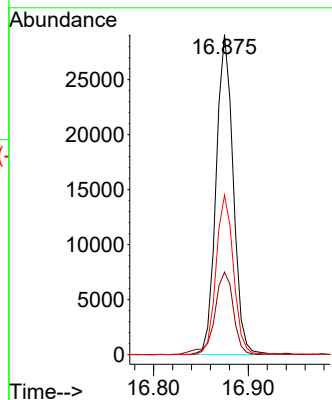
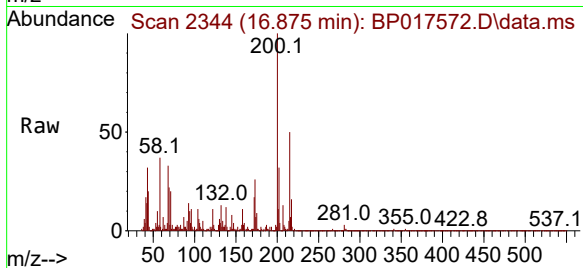
Tgt Ion:200 Resp: 36579

Ion Ratio Lower Upper

200 100

173 25.8 20.6 30.8

215 49.8 40.1 60.1



#71

Pentachlorophenol

Concen: 33.384 ng/ul

RT: 17.045 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

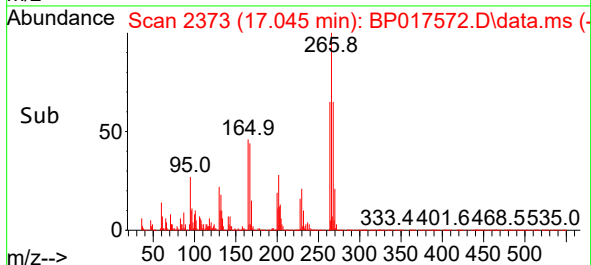
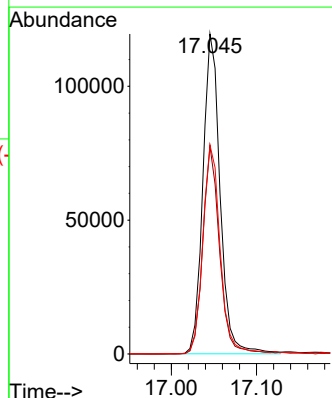
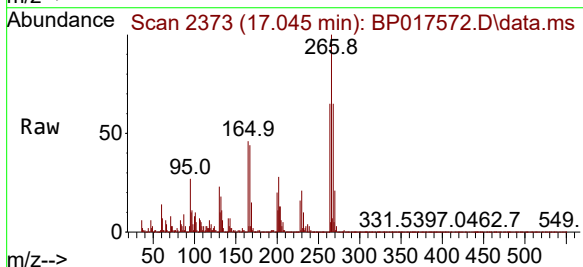
Tgt Ion:266 Resp: 168071

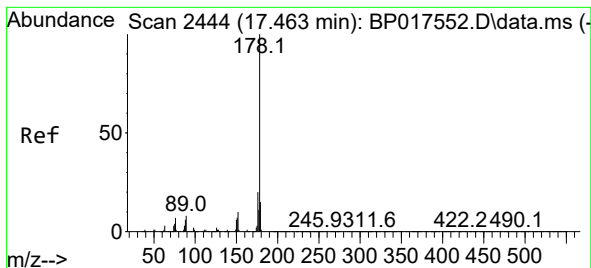
Ion Ratio Lower Upper

266 100

264 64.9 49.6 74.4

268 65.3 53.0 79.6





#72

Phenanthrene

Concen: 45.555 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

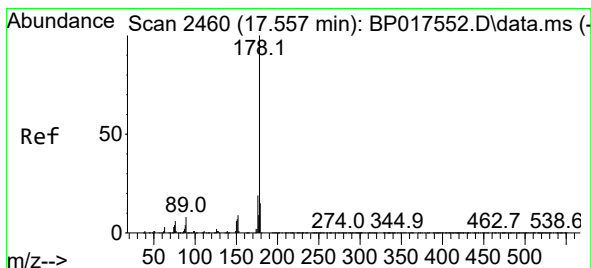
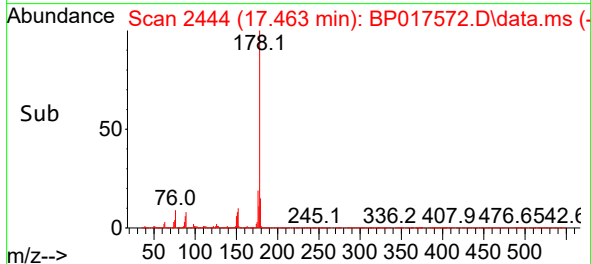
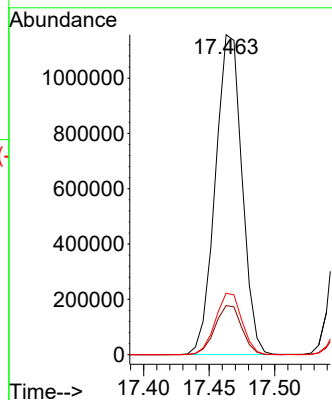
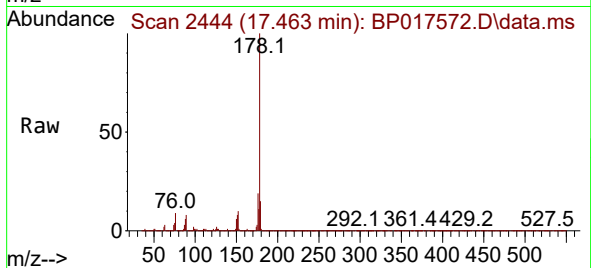
Tgt Ion:178 Resp: 1633180

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.2 15.2 22.8



#74

Anthracene

Concen: 41.759 ng/ul

RT: 17.557 min Scan# 2460

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

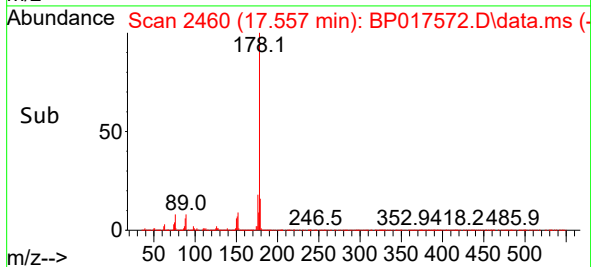
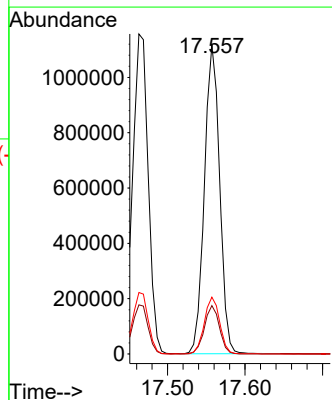
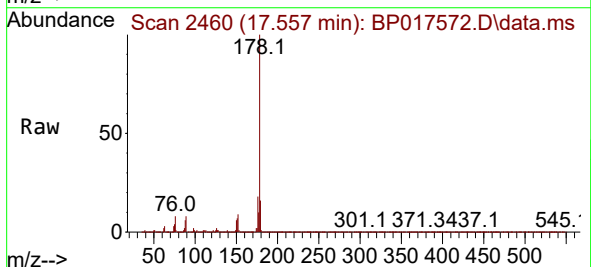
Tgt Ion:178 Resp: 1525913

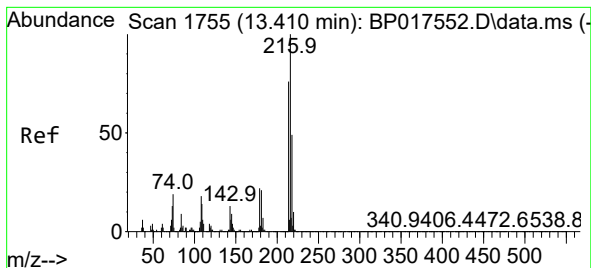
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.306 ng/uL

RT: 13.410 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP017572.D

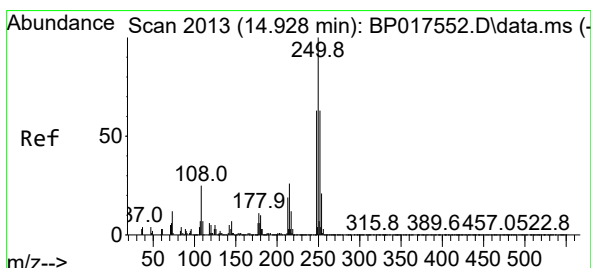
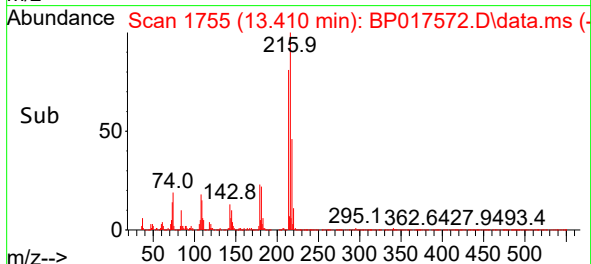
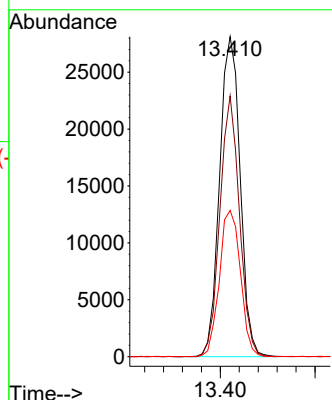
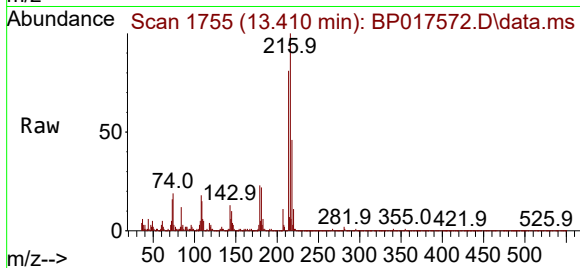
Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	216	Resp:	42402
Ion Ratio	Lower	Upper	
216	100		
214	81.5	63.4	95.0
218	45.7	38.0	57.0



#76

Pentachlorobenzene

Concen: 44.820 ng/uL

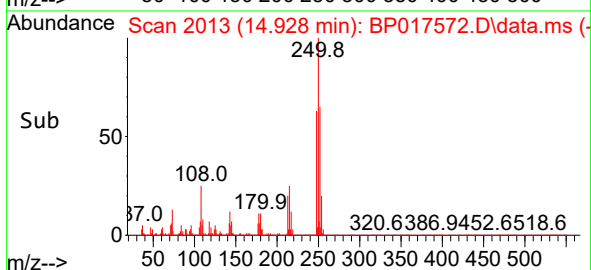
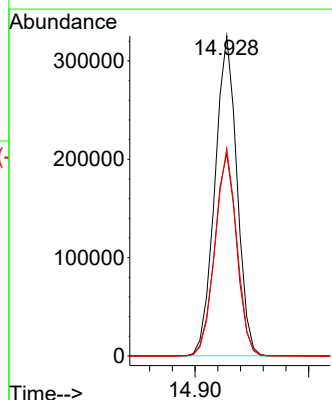
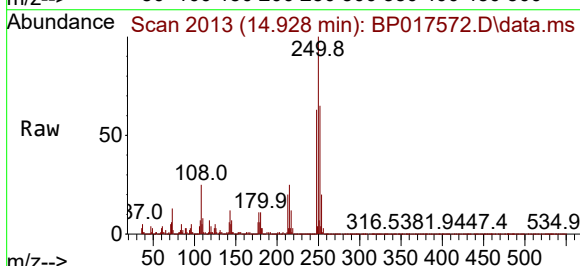
RT: 14.928 min Scan# 2013

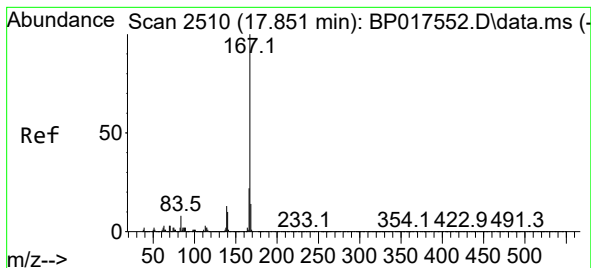
Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Tgt Ion:	250	Resp:	438093
Ion Ratio	Lower	Upper	
250	100		
248	63.2	49.1	73.7
252	64.8	51.4	77.2





#77

Carbazole

Concen: 46.218 ng/ul

RT: 17.851 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

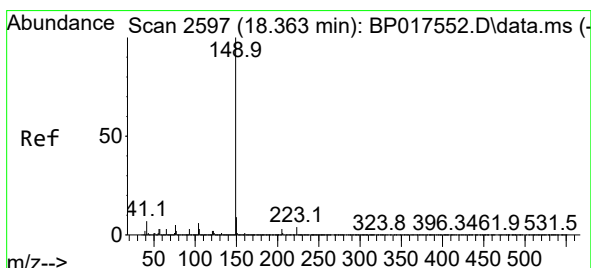
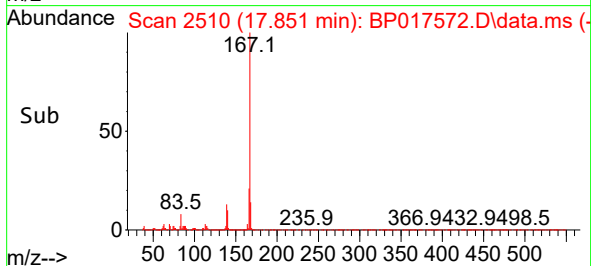
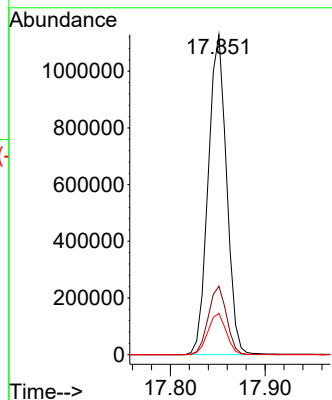
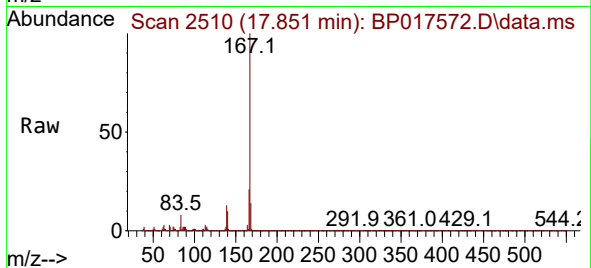
Tgt Ion:167 Resp: 1516517

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.9 9.8 14.6



#78

Di-n-butylphthalate

Concen: 47.396 ng/ul

RT: 18.357 min Scan# 2596

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

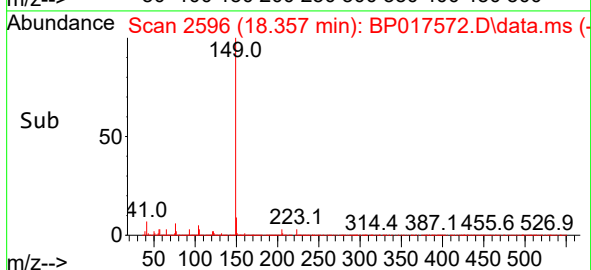
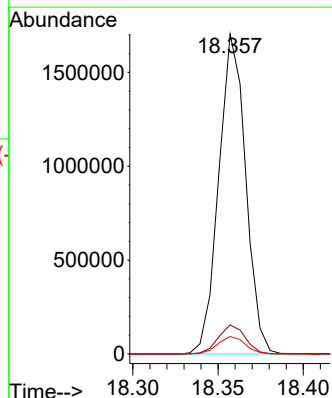
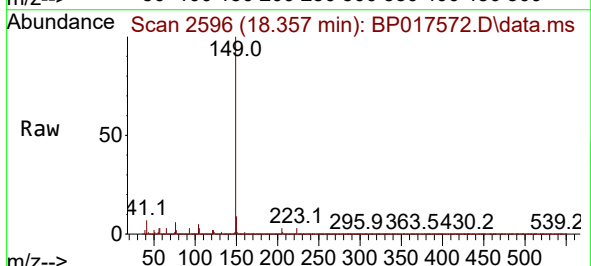
Tgt Ion:149 Resp: 1874397

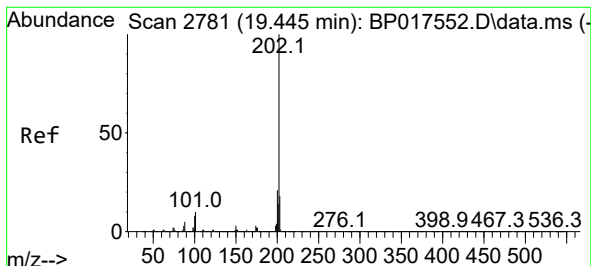
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.5 4.3 6.5





#80

Fluoranthene

Concen: 45.425 ng/ul

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

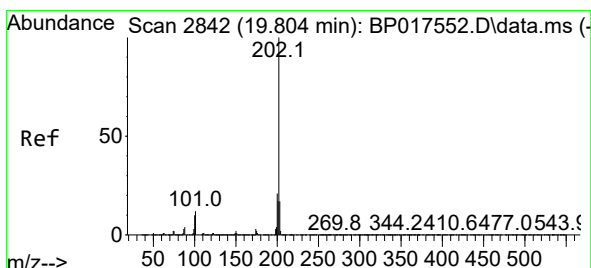
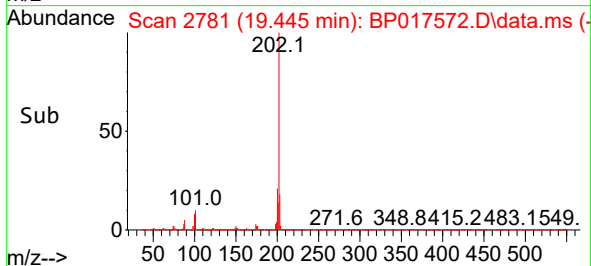
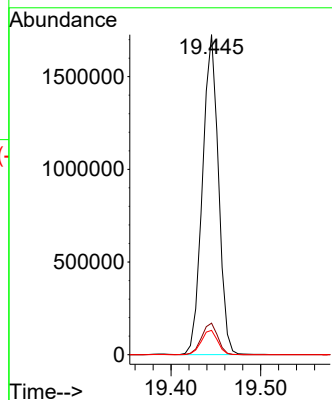
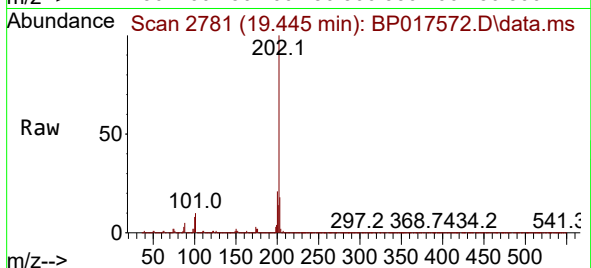
Tgt Ion:202 Resp: 2127288

Ion Ratio Lower Upper

202 100

101 9.9 8.1 12.1

100 7.6 5.9 8.9



#82

Pyrene

Concen: 44.911 ng/ul

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

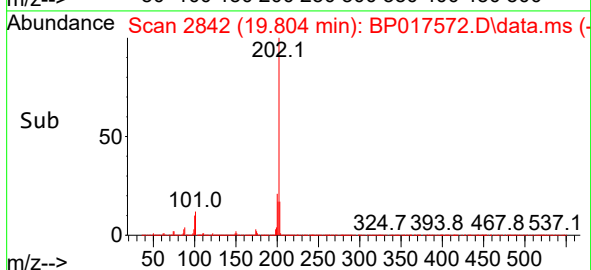
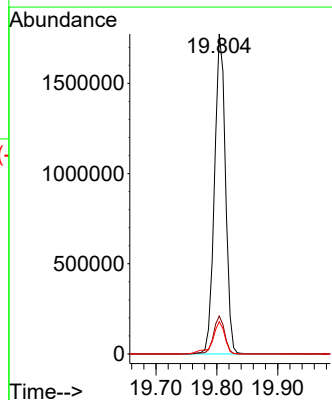
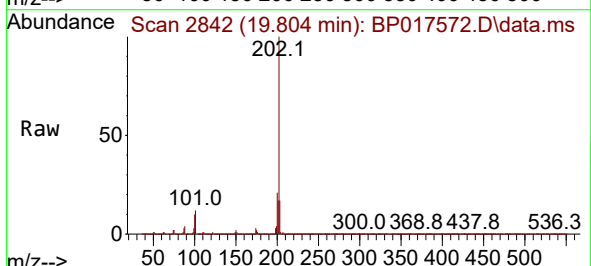
Tgt Ion:202 Resp: 2219127

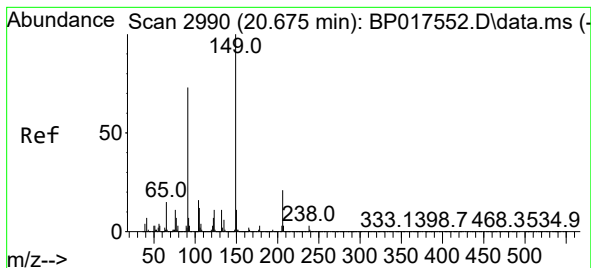
Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

100 10.1 8.1 12.1





#83

Butylbenzylphthalate

Concen: 47.401 ng/ul

RT: 20.675 min Scan# 2990

Delta R.T. -0.006 min

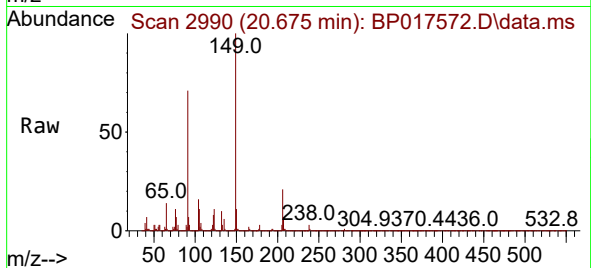
Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :



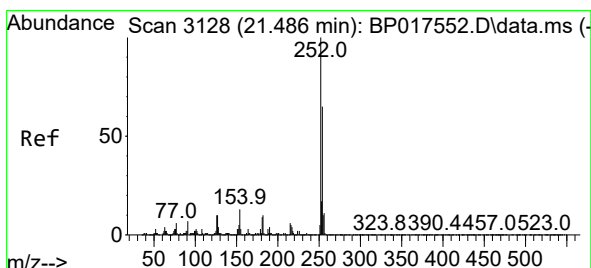
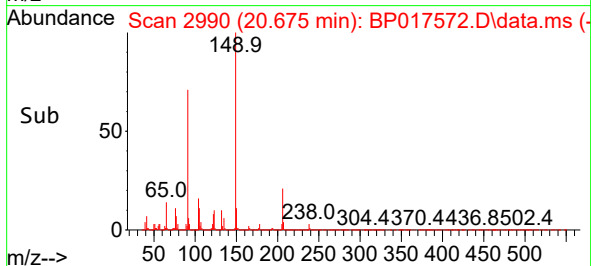
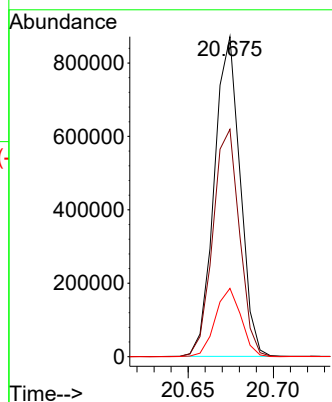
Tgt Ion:149 Resp: 919824

Ion Ratio Lower Upper

149 100

91 71.0 55.8 83.8

206 21.4 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 45.951 ng/ul

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

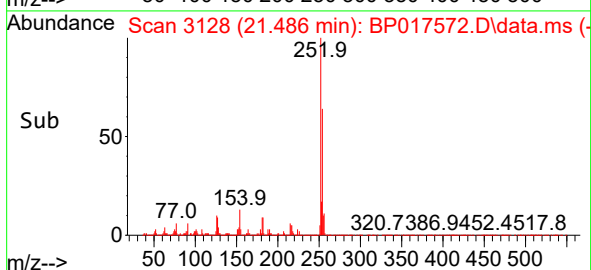
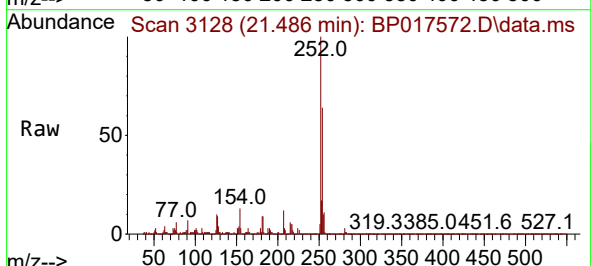
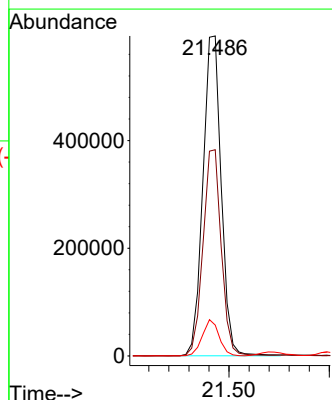
Tgt Ion:252 Resp: 755341

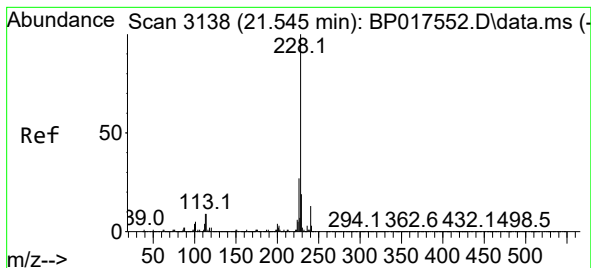
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 9.6 8.6 12.8





#85

Benzo(a)anthracene

Concen: 44.981 ng/ul

RT: 21.539 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

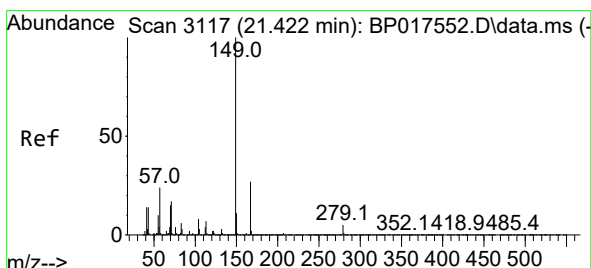
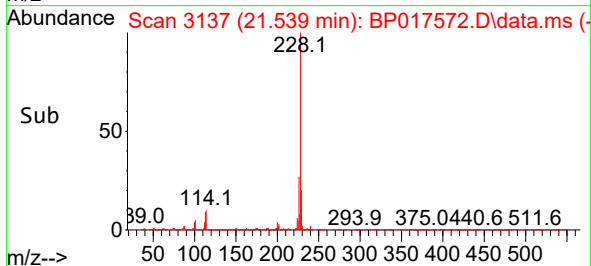
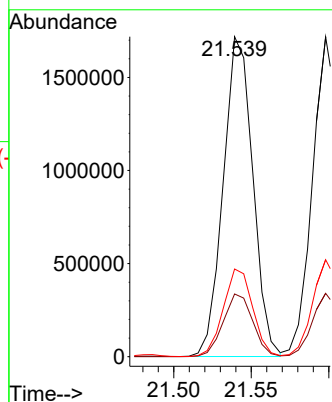
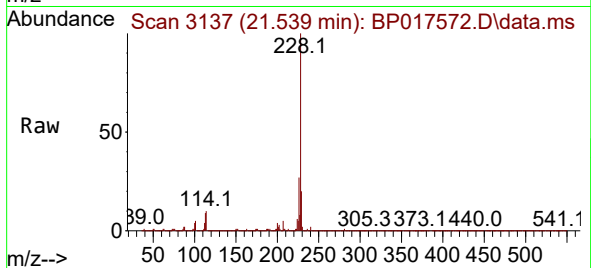
Tgt Ion:228 Resp: 2279838

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.4 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.650 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

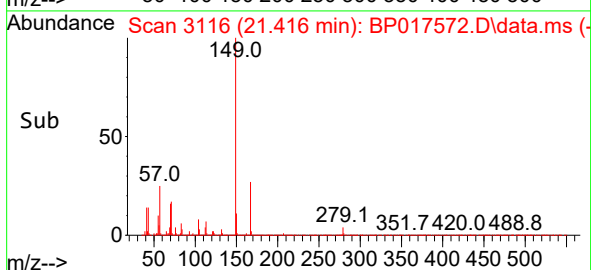
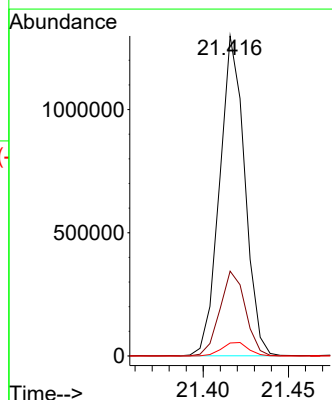
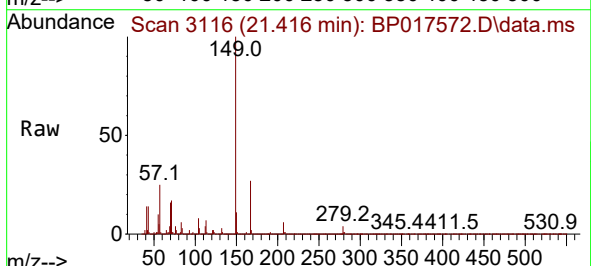
Tgt Ion:149 Resp: 1332799

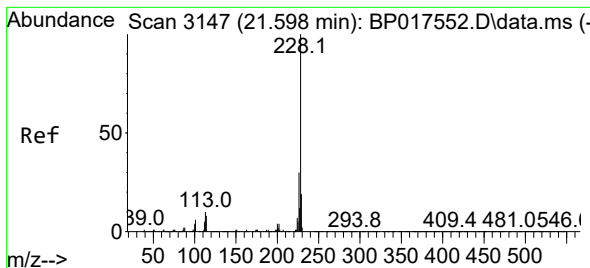
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 4.1 3.4 5.0





#87

Chrysene

Concen: 45.312 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

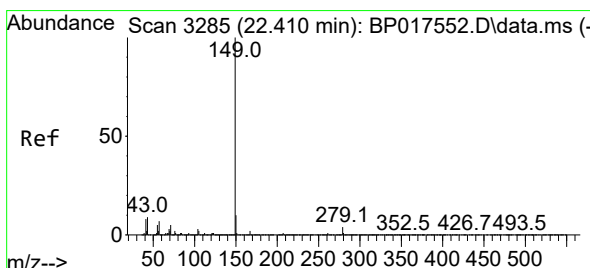
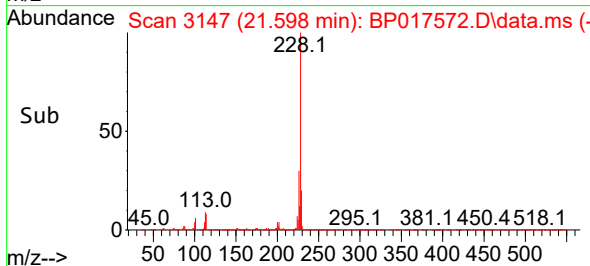
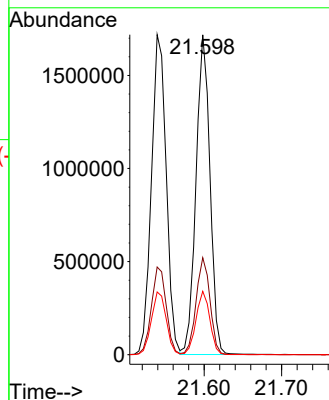
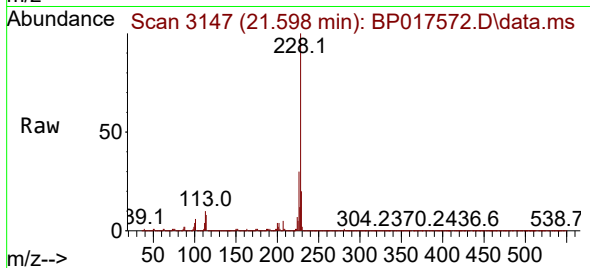
Tgt Ion:228 Resp: 2146743

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 48.450 ng/ul

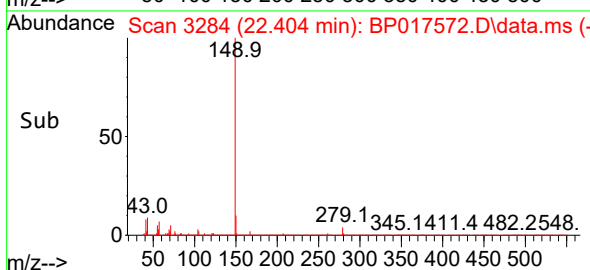
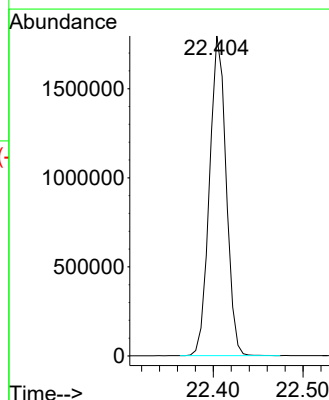
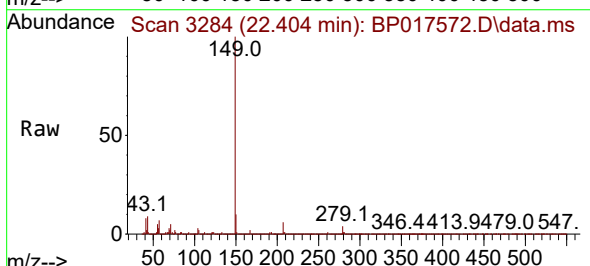
RT: 22.404 min Scan# 3284

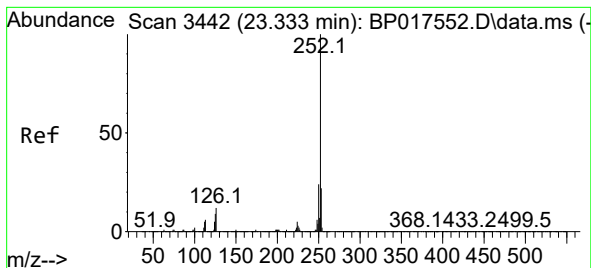
Delta R.T. -0.012 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Tgt Ion:149 Resp: 2312470





#90

Benzo(b)fluoranthene

Concen: 49.482 ng/ul

RT: 23.333 min Scan# 3442

Delta R.T. -0.006 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

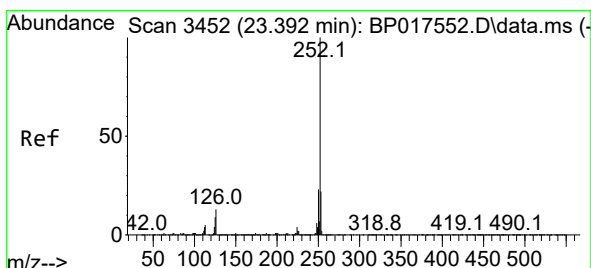
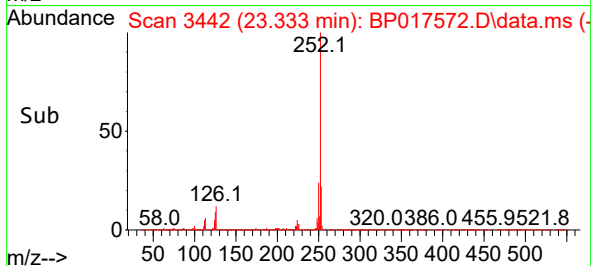
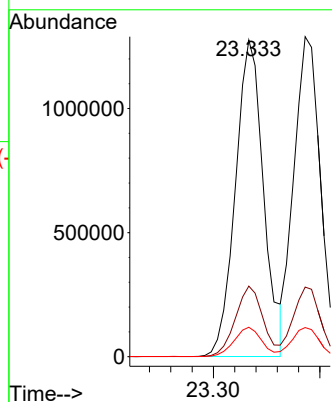
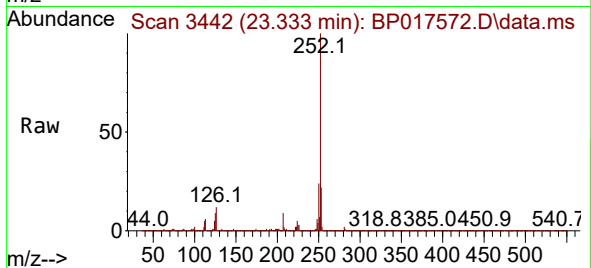
Tgt Ion:252 Resp: 2343623

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 9.3 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 46.884 ng/ul

RT: 23.386 min Scan# 3451

Delta R.T. -0.012 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

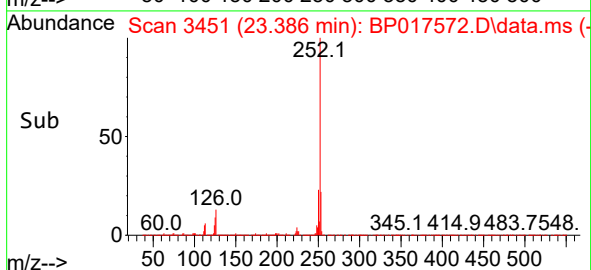
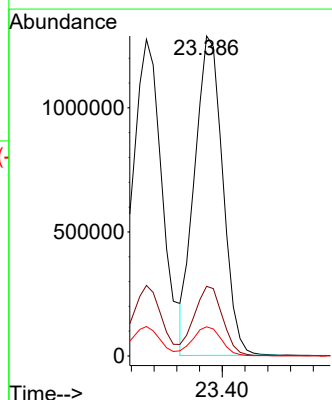
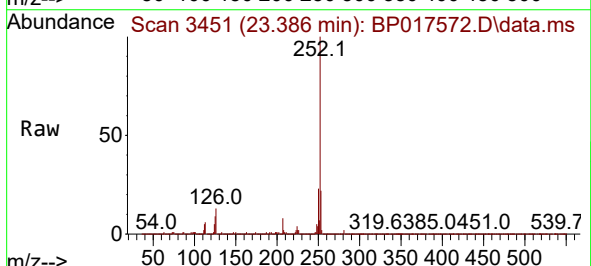
Tgt Ion:252 Resp: 2213936

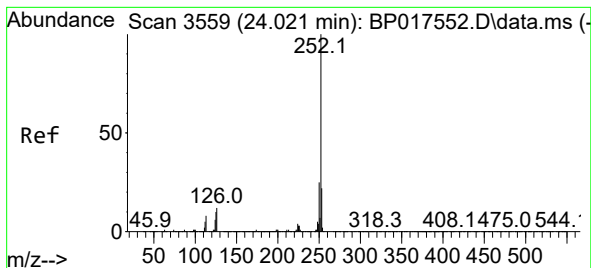
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 45.282 ng/ul

RT: 24.021 min Scan# 3559

Delta R.T. -0.012 min

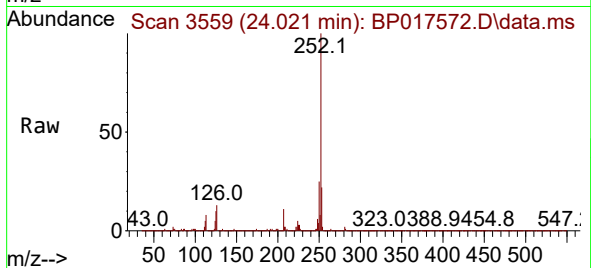
Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :



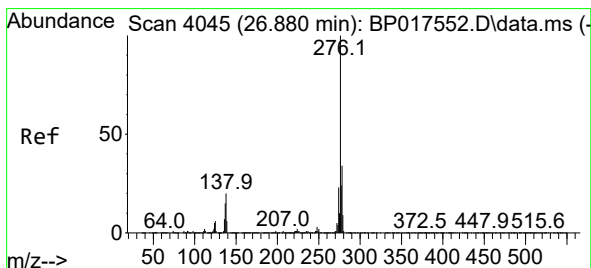
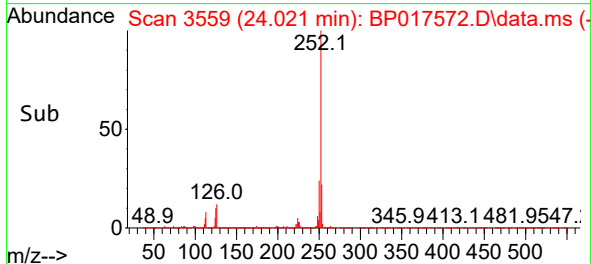
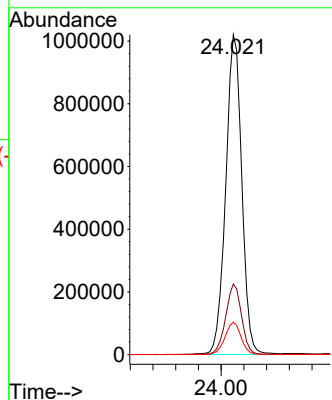
Tgt Ion:252 Resp: 2004978

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.266 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.018 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

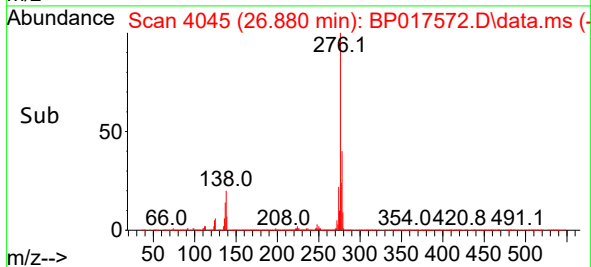
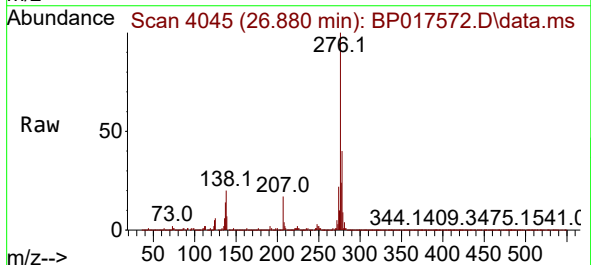
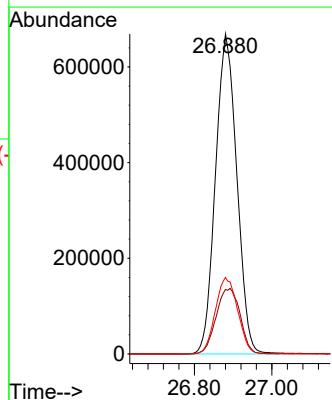
Tgt Ion:276 Resp: 2558483

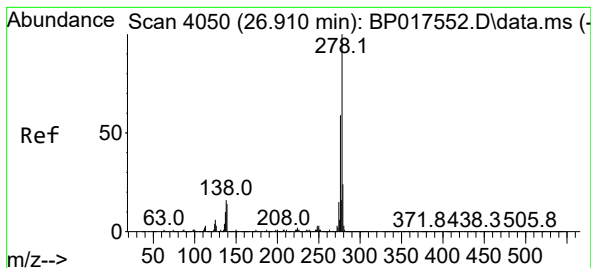
Ion Ratio Lower Upper

276 100

138 20.1 16.6 24.8

277 23.9 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 47.178 ng/ul

RT: 26.910 min Scan# 4050

Delta R.T. -0.012 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Instrument :

BNA_G

ClientSampleId :

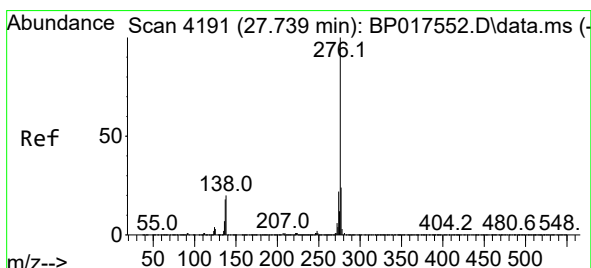
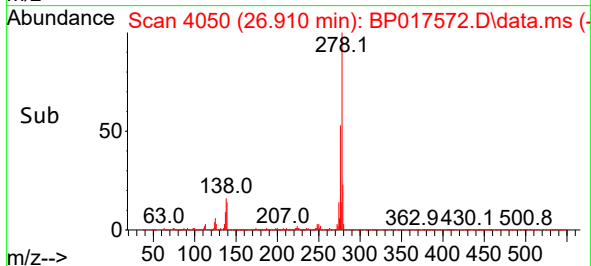
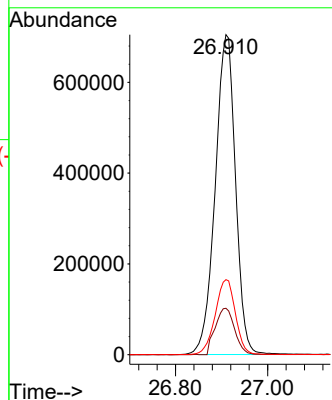
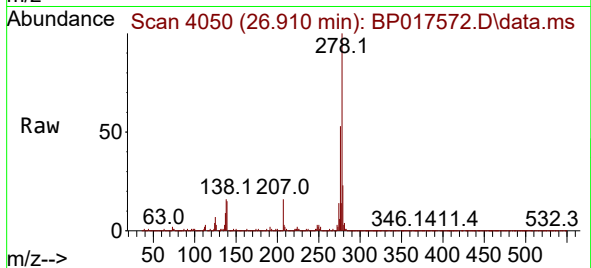
Tgt Ion:278 Resp: 2151799

Ion Ratio Lower Upper

278 100

139 14.5 11.5 17.3

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 47.380 ng/ul

RT: 27.739 min Scan# 4191

Delta R.T. -0.018 min

Lab File: BP017572.D

Acq: 05 Oct 2023 18:48

Tgt Ion:276 Resp: 2057316

Ion Ratio Lower Upper

276 100

138 19.9 16.1 24.1

277 23.9 18.7 28.1

