

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017571.D
 Acq On : 05 Oct 2023 18:14
 Operator : MA/JU
 Sample : PB156007BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 02:01:42 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	80359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	330900	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	213499	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.422	188	484003	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	502626	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	517004	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	15178	7.551	ng/uL	0.00
4) Pyridine-d5	3.722	84	222985	42.383	ng/u1	0.00
7) Phenol-d5	7.099	99	313202	46.324	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	182363	44.202	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	242724	45.593	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	244637	45.197	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	119016	46.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	135336	47.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	252934	47.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	314927	41.532	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	787339	47.278	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	864430	47.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	140934	48.325	ng/u1	0.00
60) Fluorene-d10	15.634	176	649810	46.002	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	136434	45.216	ng/u1	0.00
73) Anthracene-d10	17.522	188	1001347	44.695	ng/u1	0.00
81) Pyrene-d10	19.775	212	1331079	47.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1337625	51.267	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	34543	16.718	ng/uL	97
5) Pyridine	3.740	79	227975	41.264	ng/u1	94
6) Benzaldehyde	7.099	77	183554	53.852	ng/u1	100
8) Phenol	7.122	94	327460	48.355	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	253049	46.150	ng/u1	99
12) 2-Chlorophenol	7.493	128	255048	47.336	ng/u1	98
13) 2-Methylphenol	8.393	108	237288	46.755	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	181963	25.203	ng/u1	99
16) Acetophenone	8.799	105	397034	46.512	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	209182	47.760	ng/u1	98
18) 4-Methylphenol	8.728	108	262320	47.767	ng/u1	98
19) Hexachloroethane	9.005	117	106208	44.407	ng/u1	95
22) Nitrobenzene	9.193	77	316237	48.296	ng/u1	99
23) Isophorone	9.704	82	572237	47.633	ng/u1	98
25) 2-Nitrophenol	9.893	139	149763	49.157	ng/u1	99
26) 2,4-Dimethylphenol	9.940	107	181519	30.050	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.193	93	347337	47.288	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	257810	49.881	ng/u1	97
30) Naphthalene	10.828	128	831265	47.084	ng/u1	100
32) 4-Chloroaniline	10.969	127	291169	40.228	ng/u1	99
33) Hexachlorobutadiene	11.051	225	173216	46.149	ng/u1	99
34) Caprolactam	11.804	113	82927	51.703	ng/u1	97
35) 4-Chloro-3-methylphenol	12.081	107	280675	51.455	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	568766	47.146	ng/u1	100

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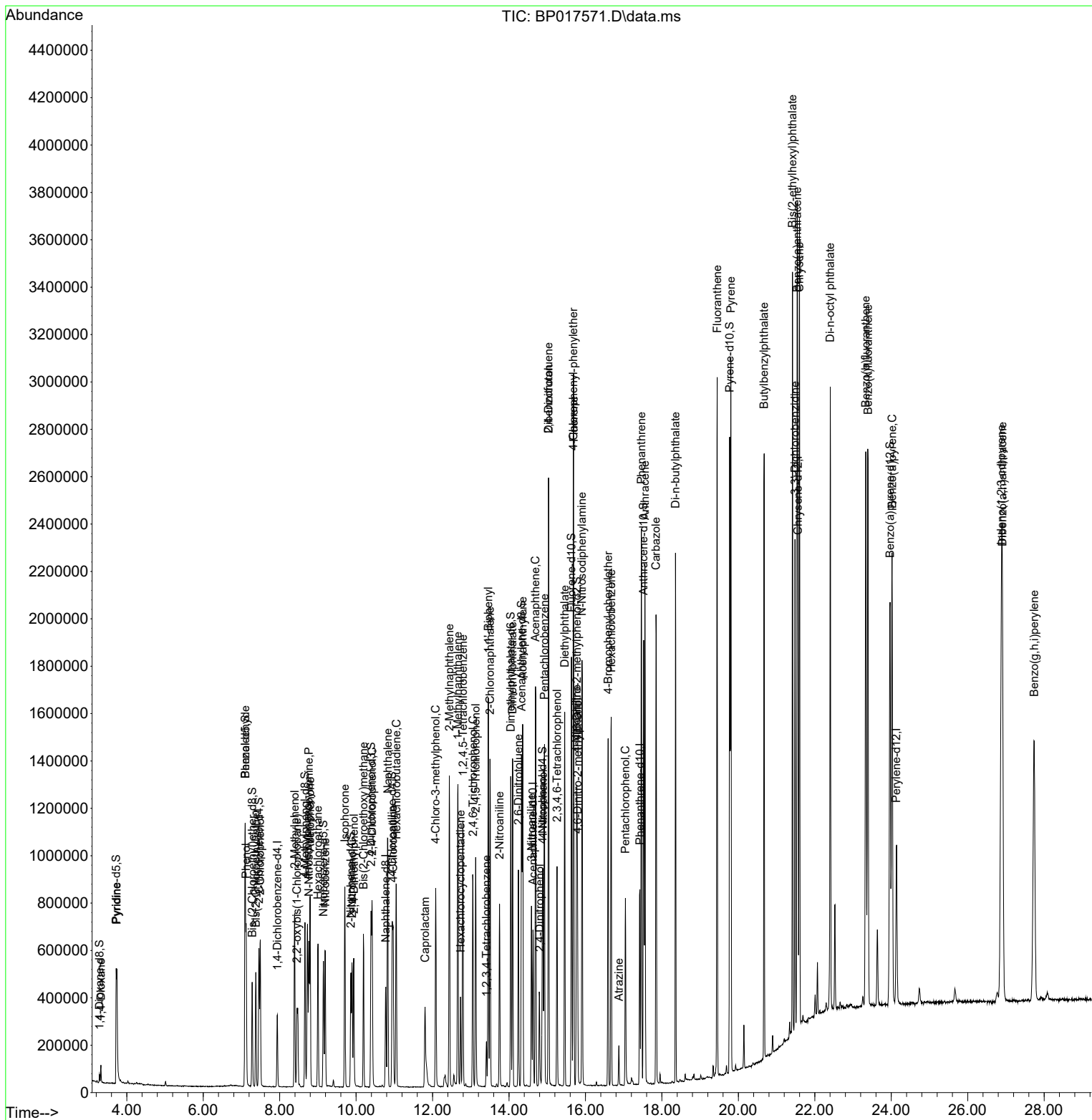
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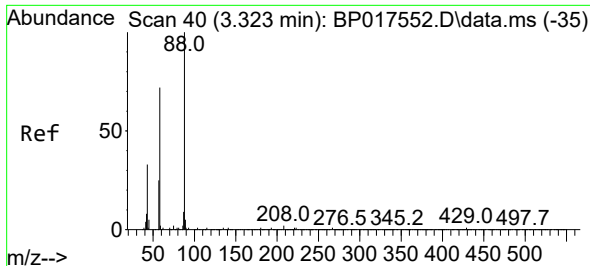
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	556993	45.001	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	326972	46.745	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	96237	24.394	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	197301	44.260	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	226065	48.162	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	786744	48.138	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	622342	47.894	ng/ul	99
45) 2-Nitroaniline	13.751	65	191434	53.018	ng/ul	99
47) Dimethylphthalate	14.092	163	814921	48.685	ng/ul	99
48) 2,6-Dinitrotoluene	14.245	165	164419	52.714	ng/ul	96
50) Acenaphthylene	14.357	152	975366	45.928	ng/ul	99
51) 3-Nitroaniline	14.587	138	169011	56.841	ng/ul	99
52) Acenaphthene	14.692	153	673491	48.046	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	80449	43.573	ng/ul	93
55) 4-Nitrophenol	14.887	109	132024	50.413	ng/ul	99
56) Dibenzofuran	15.034	168	960486	48.685	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	244043	52.421	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	168107	40.465	ng/ul	98
59) Diethylphthalate	15.457	149	799541	47.622	ng/ul	100
61) Fluorene	15.692	166	784493	48.147	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	400433	47.974	ng/ul	99
63) 4-Nitroaniline	15.769	138	178232	63.774	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.792	198	142061	44.007	ng/ul	99
67) N-Nitrosodiphenylamine	15.910	169	662387	48.875	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	254985	49.694	ng/ul	98
69) Hexachlorobenzene	16.675	284	301655	49.920	ng/ul	99
70) Atrazine	16.875	200	28651	5.464	ng/ul	97
71) Pentachlorophenol	17.045	266	129825	35.490	ng/ul	97
72) Phenanthrene	17.463	178	1300343	49.918	ng/ul	99
74) Anthracene	17.557	178	1231952	46.400	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	54613	7.633	ng/uL	97
76) Pentachlorobenzene	14.928	250	344114	48.453	ng/uL	98
77) Carbazole	17.845	167	1203916	50.497	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1450561	50.480	ng/ul	100
80) Fluoranthene	19.445	202	1615941	49.666	ng/ul	99
82) Pyrene	19.804	202	1693617	49.334	ng/ul	99
83) Butylbenzylphthalate	20.674	149	685635	50.856	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	568888	49.813	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1730541	49.144	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	996266	51.267	ng/ul	100
87) Chrysene	21.598	228	1640141	49.829	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	1728114	52.838	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1762676	54.311	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1698056	52.476	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1529817	50.421	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1928507	51.993	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	1635098	52.316	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	1569114	52.735	ng/ul	99

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

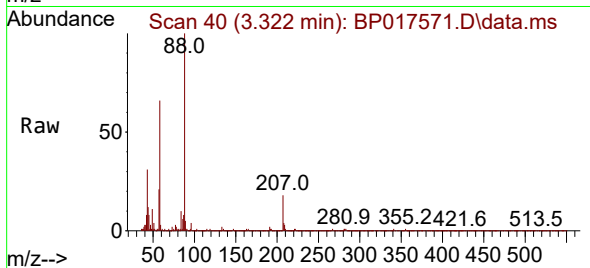
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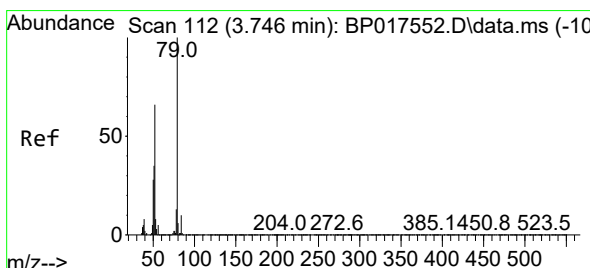
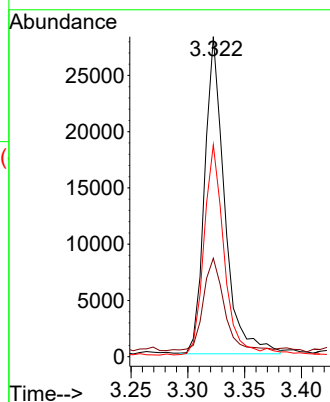
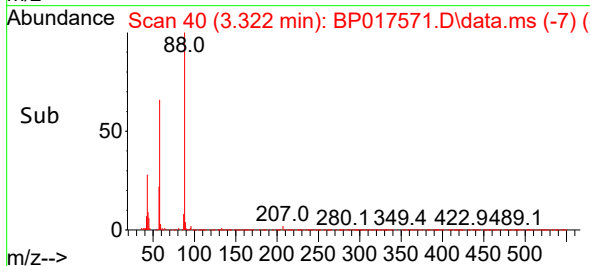


#2
 1,4-Dioxane
 Concen: 16.718 ng/uL
 RT: 3.322 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BP017571.D
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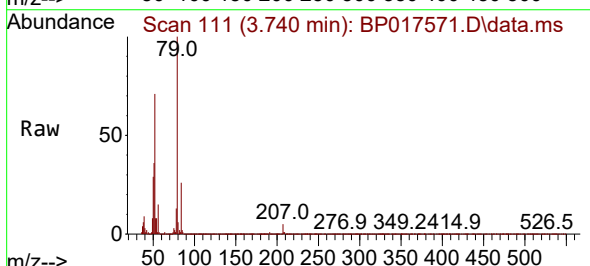
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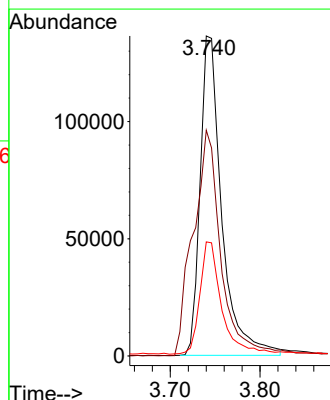
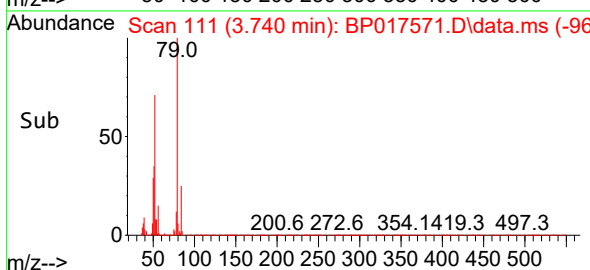
Tgt Ion: 88 Resp: 34543
 Ion Ratio Lower Upper
 88 100
 43 30.8 22.6 34.0
 58 66.2 51.4 77.2

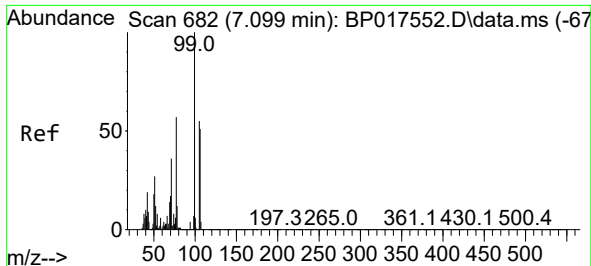


#5
 Pyridine
 Concen: 41.264 ng/uL
 RT: 3.740 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: BP017571.D
 Acq: 05 Oct 2023 18:14



Tgt Ion: 79 Resp: 227975
 Ion Ratio Lower Upper
 79 100
 52 70.6 52.6 78.8
 51 35.6 31.7 47.5

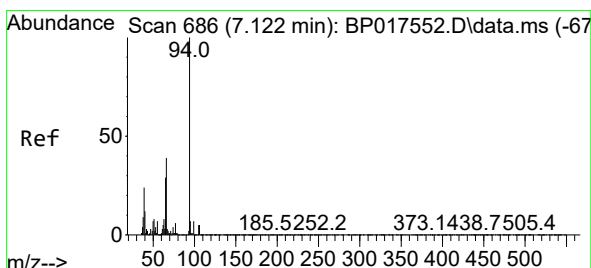
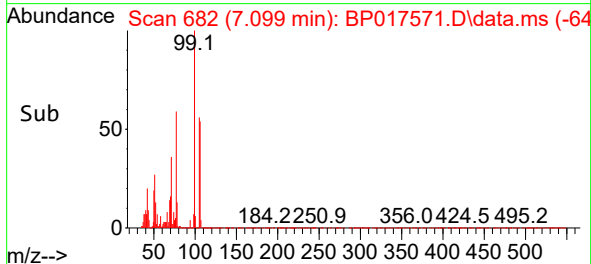
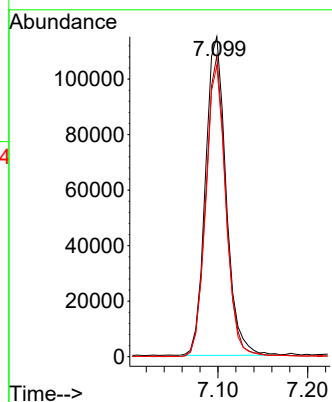
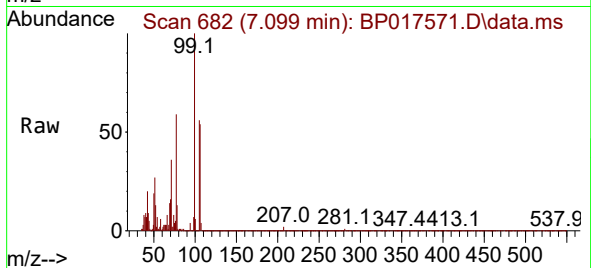




#6
Benzaldehyde
Concen: 53.852 ng/ul
RT: 7.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

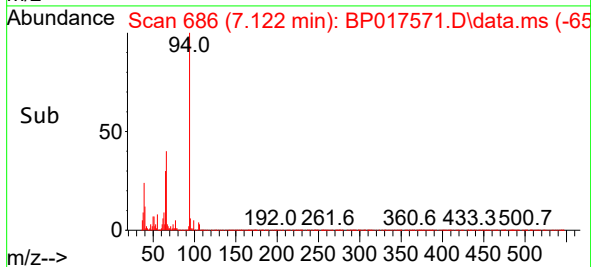
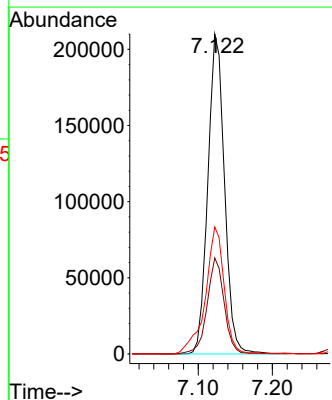
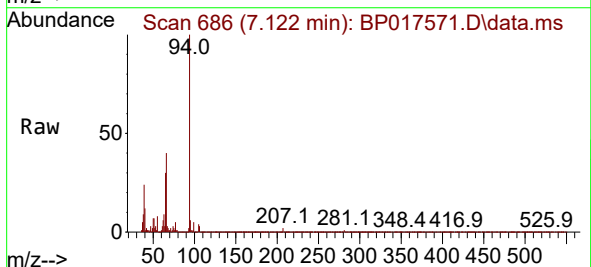
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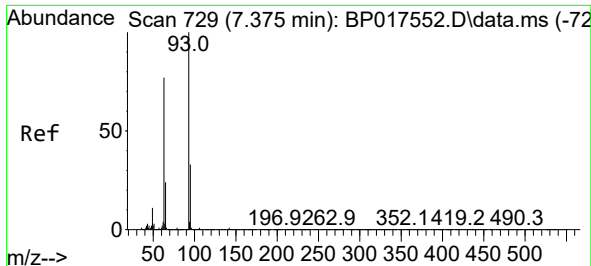
Tgt Ion: 77 Resp: 183554
Ion Ratio Lower Upper
77 100
105 94.1 74.6 112.0
106 91.0 72.8 109.2



#8
Phenol
Concen: 48.355 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 94 Resp: 327460
Ion Ratio Lower Upper
94 100
65 30.0 23.5 35.3
66 39.7 32.3 48.5

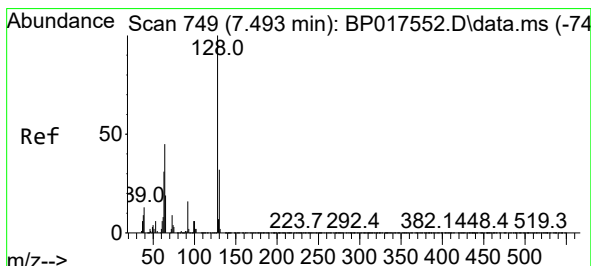
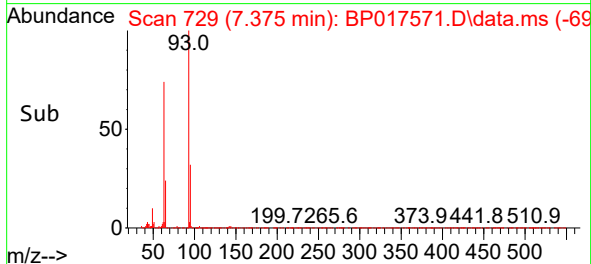
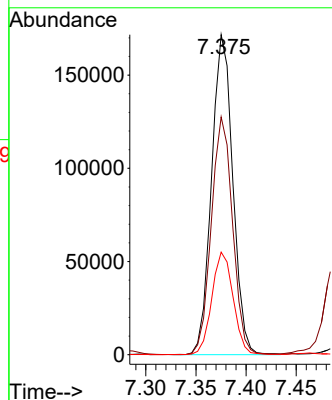
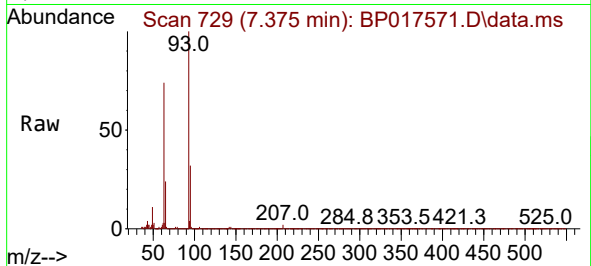




#10
Bis(2-Chloroethyl)ether
Concen: 46.150 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

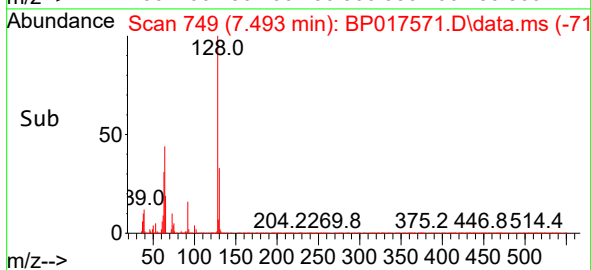
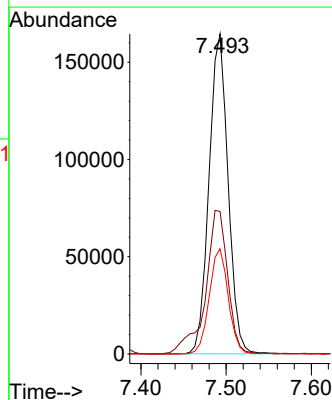
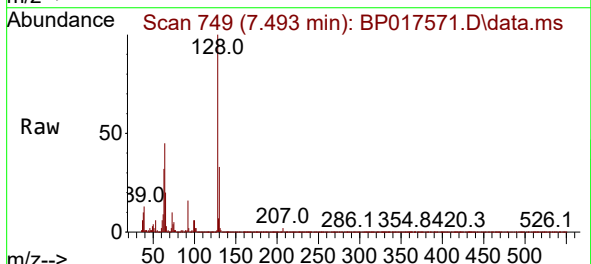
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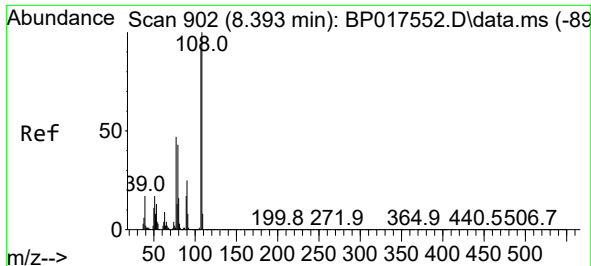
Tgt Ion: 93 Resp: 253049
Ion Ratio Lower Upper
93 100
63 74.3 60.0 90.0
95 32.0 25.9 38.9



#12
2-Chlorophenol
Concen: 47.336 ng/ul
RT: 7.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:128 Resp: 255048
Ion Ratio Lower Upper
128 100
64 44.5 36.7 55.1
130 32.9 25.4 38.0

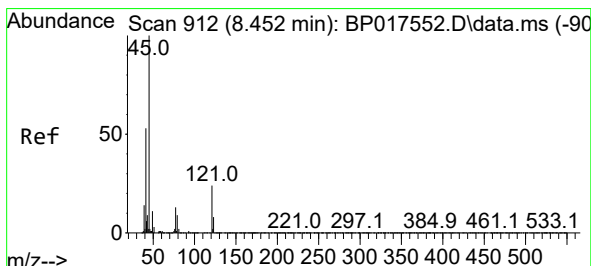
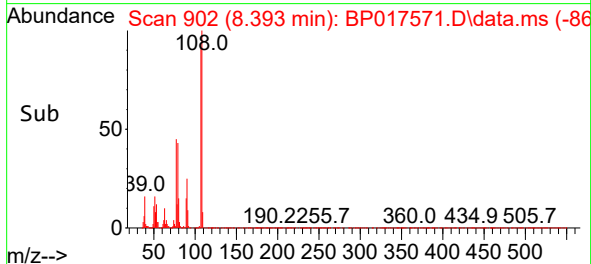
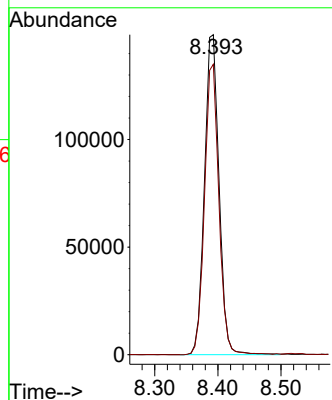
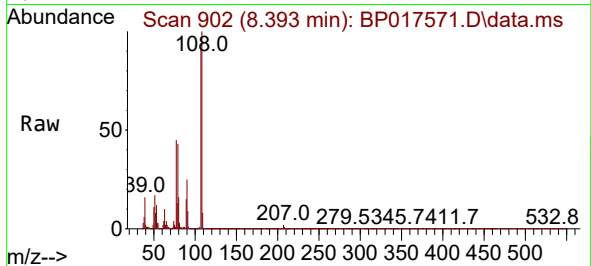




#13
2-Methylphenol
Concen: 46.755 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

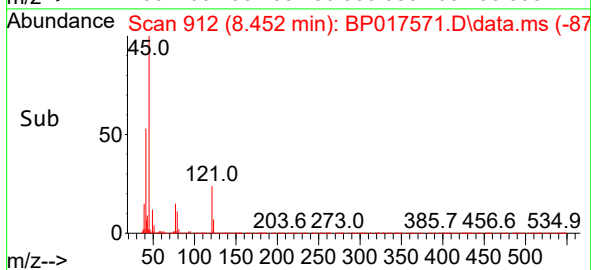
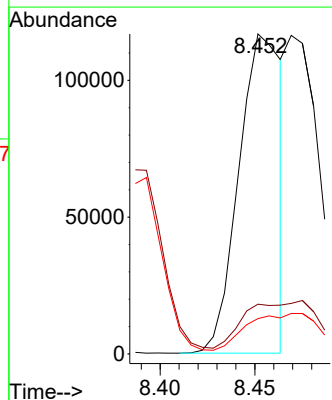
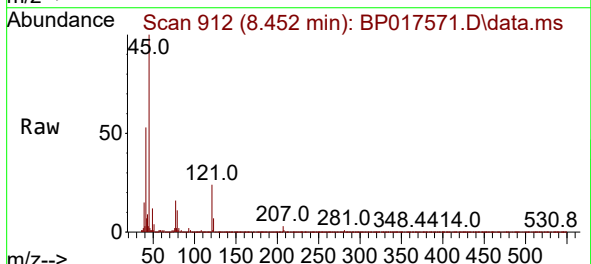
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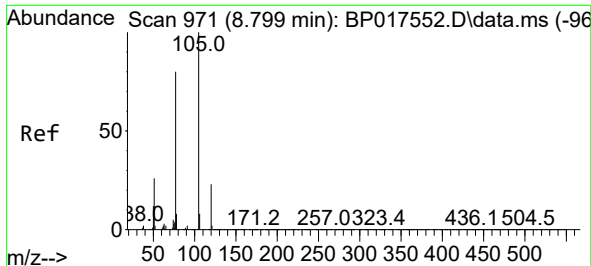
Tgt Ion:108 Resp: 237288
Ion Ratio Lower Upper
108 100
107 90.7 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.203 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 45 Resp: 181963
Ion Ratio Lower Upper
45 100
77 15.5 12.9 19.3
79 11.0 9.0 13.4

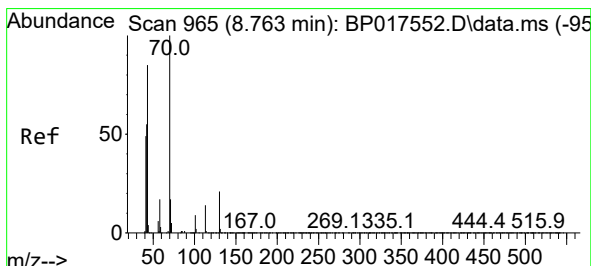
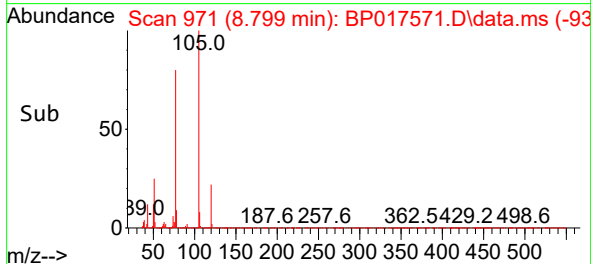
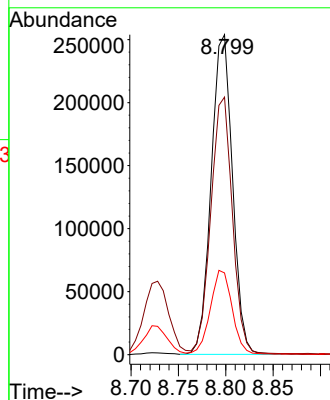
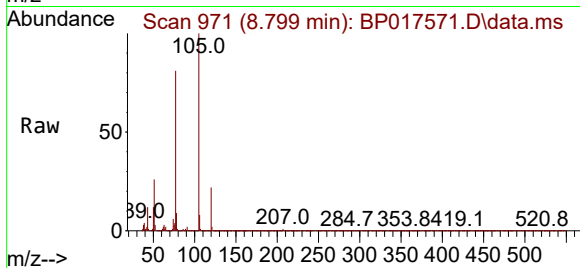




#16
Acetophenone
Concen: 46.512 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

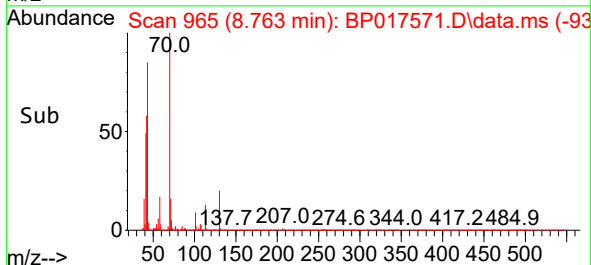
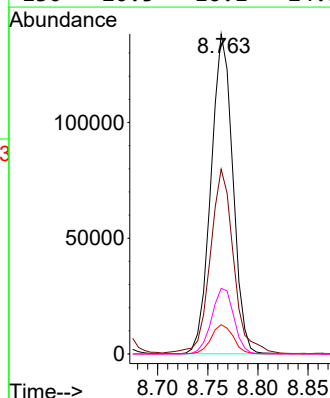
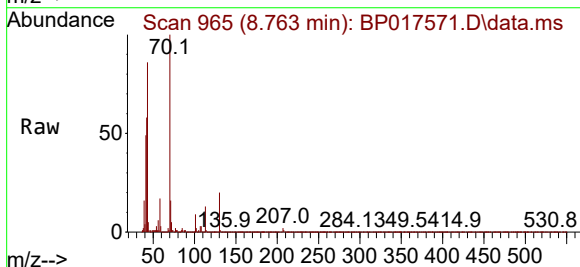
Instrument :
BNA_G
ClientSampleId :

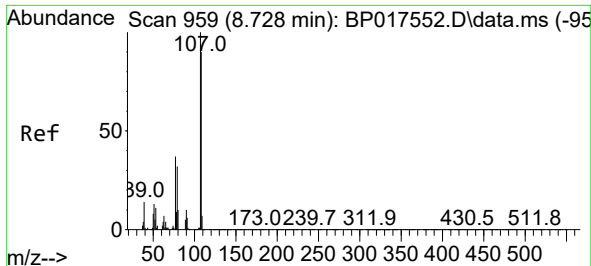
Tgt Ion:105 Resp: 397034
Ion Ratio Lower Upper
105 100
77 80.5 63.5 95.3
51 25.5 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 47.760 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 70 Resp: 209182
Ion Ratio Lower Upper
70 100
42 57.8 44.9 67.3
101 9.1 7.7 11.5
130 20.5 16.1 24.1

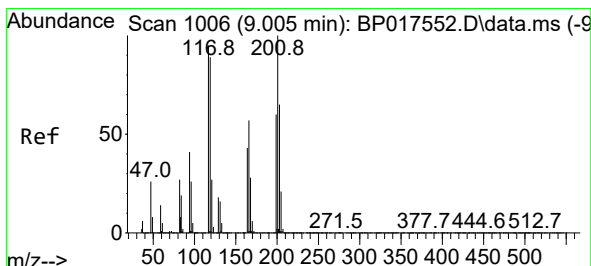
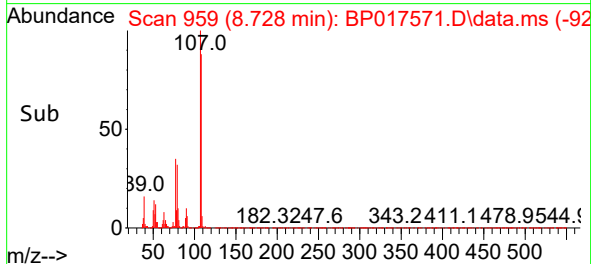
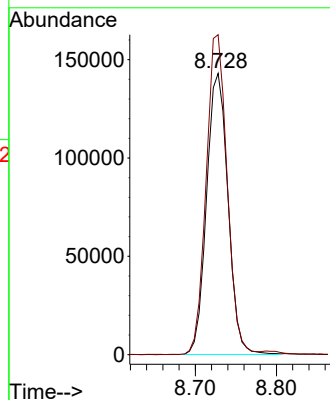
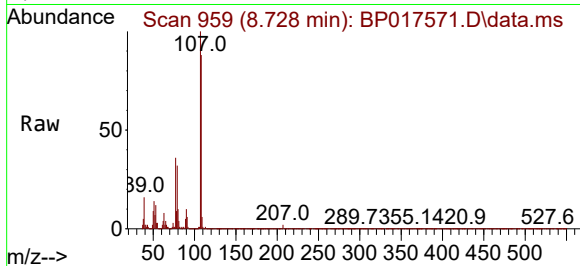




#18
4-Methylphenol
Concen: 47.767 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

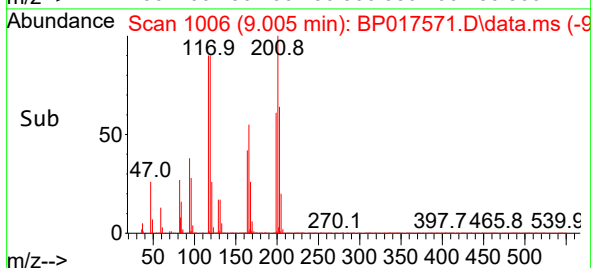
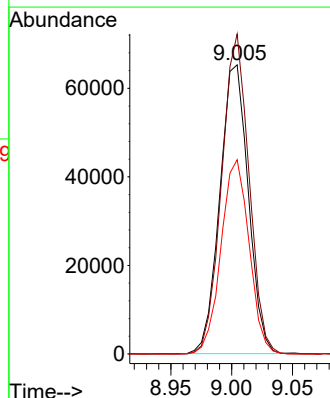
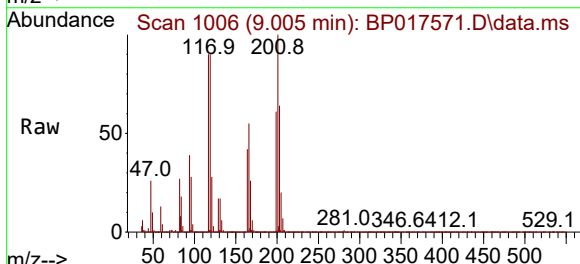
Instrument :
BNA_G
ClientSampleId :

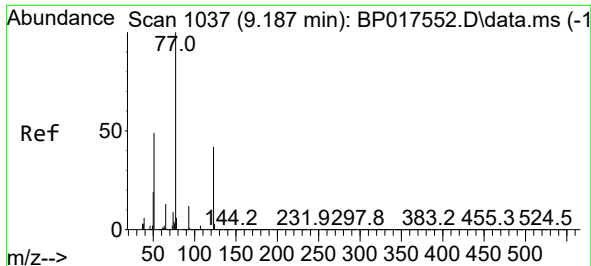
Tgt Ion:108 Resp: 262320
Ion Ratio Lower Upper
108 100
107 113.7 89.0 133.6



#19
Hexachloroethane
Concen: 44.407 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:117 Resp: 106208
Ion Ratio Lower Upper
117 100
201 110.7 83.2 124.8
199 67.2 52.8 79.2

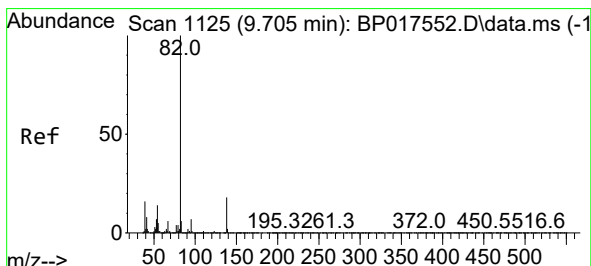
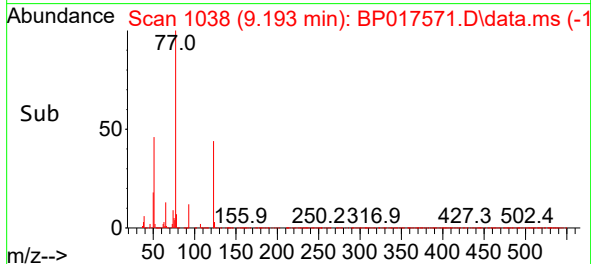
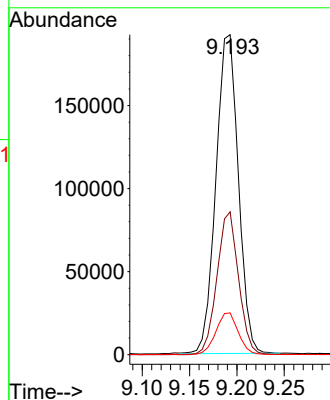
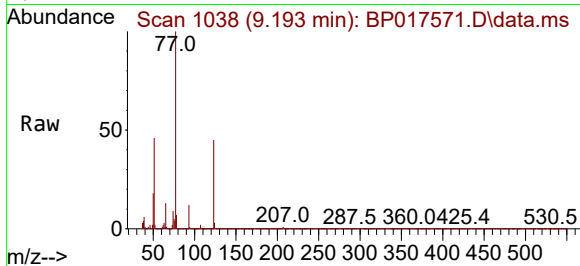




#22
Nitrobenzene
Concen: 48.296 ng/ul
RT: 9.193 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

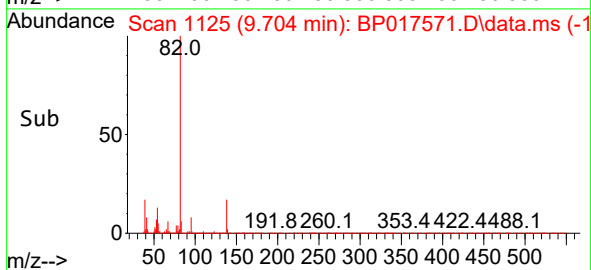
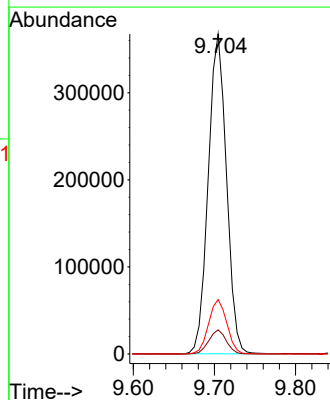
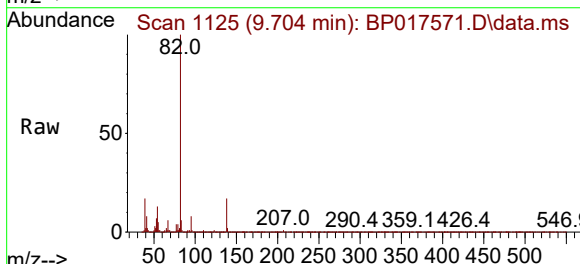
Instrument :
BNA_G
ClientSampleId :

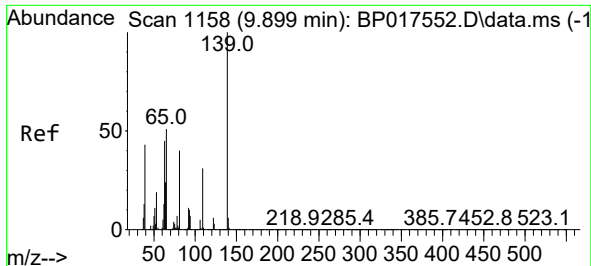
Tgt Ion: 77 Resp: 316237
Ion Ratio Lower Upper
77 100
123 44.7 35.0 52.6
65 13.0 11.0 16.4



#23
Isophorone
Concen: 47.633 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 82 Resp: 572237
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 17.0 14.6 21.8

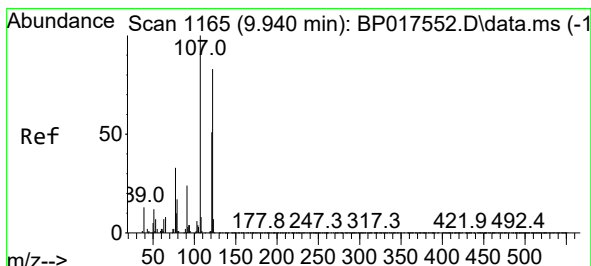
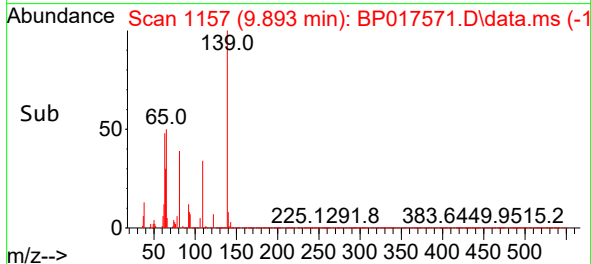
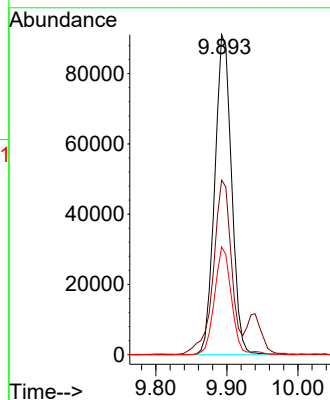
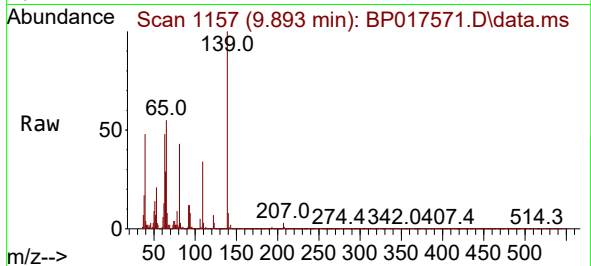




#25
2-Nitrophenol
Concen: 49.157 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

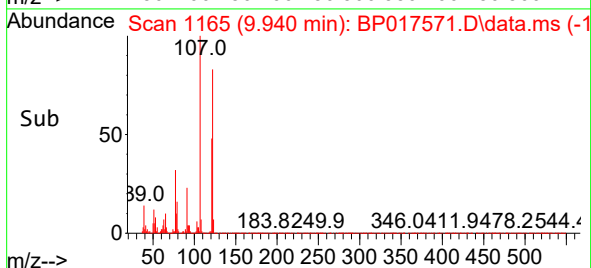
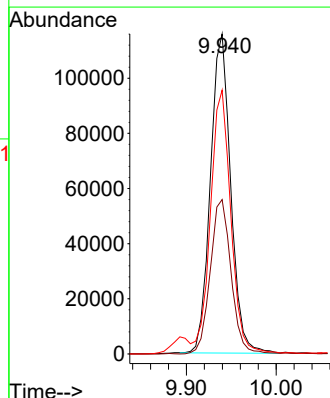
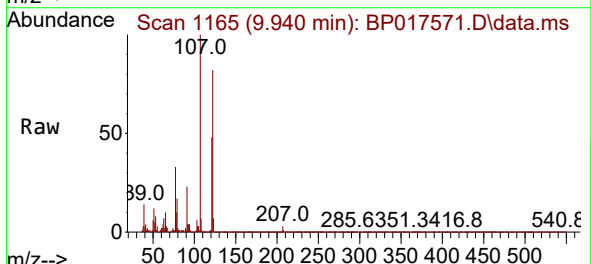
Instrument :
BNA_G
ClientSampleId :

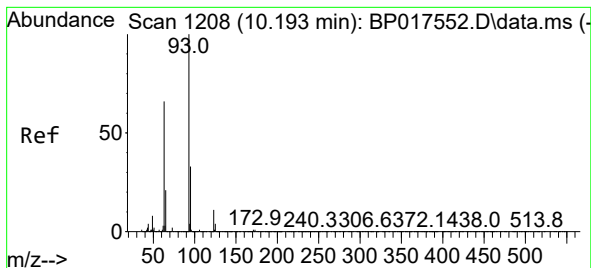
Tgt Ion:139 Resp: 149763
Ion Ratio Lower Upper
139 100
65 54.6 43.4 65.0
109 33.7 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 30.050 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:107 Resp: 181519
Ion Ratio Lower Upper
107 100
121 48.2 39.8 59.8
122 82.4 68.3 102.5

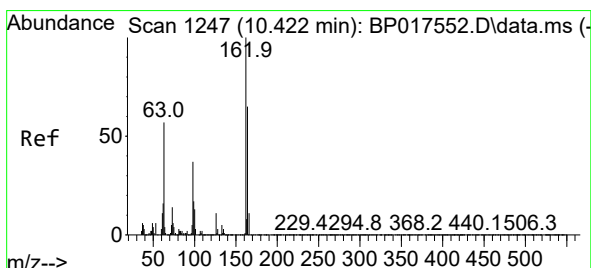
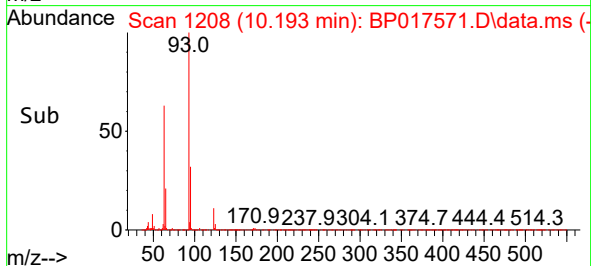
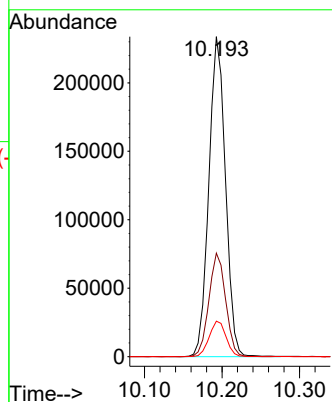
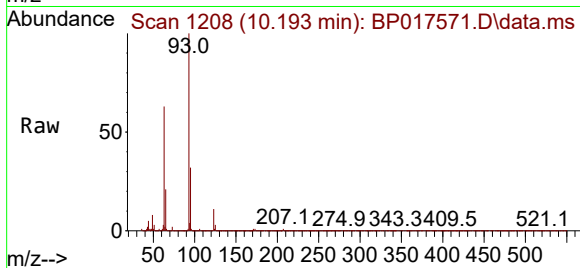




#27
 Bis(2-Chloroethoxy)methane
 Concen: 47.288 ng/ul
 RT: 10.193 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BP017571.D
 Acq: 05 Oct 2023 18:14

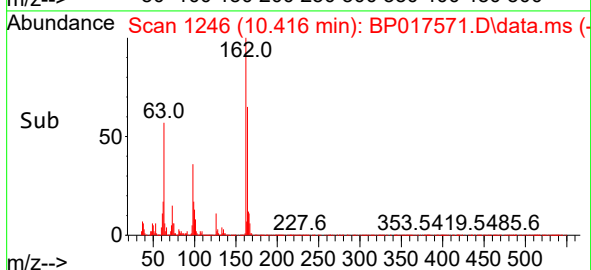
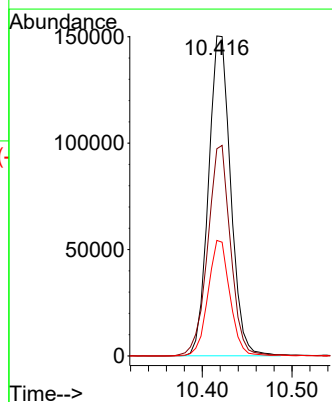
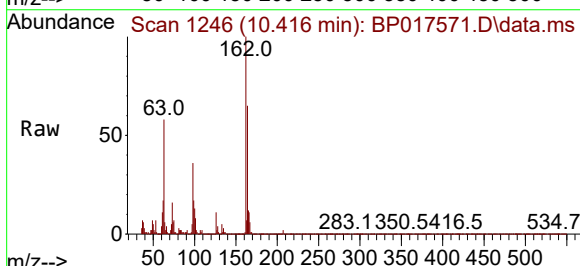
Instrument :
 BNA_G
 ClientSampleId :

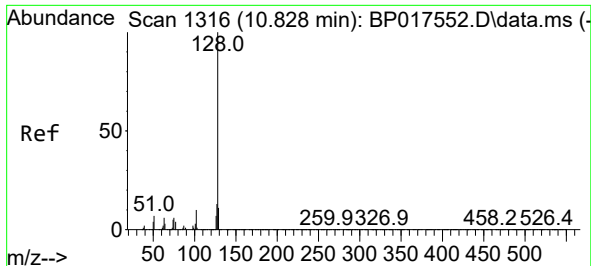
Tgt Ion: 93 Resp: 347337
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 11.1 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 49.881 ng/ul
 RT: 10.416 min Scan# 1246
 Delta R.T. -0.012 min
 Lab File: BP017571.D
 Acq: 05 Oct 2023 18:14

Tgt Ion: 162 Resp: 257810
 Ion Ratio Lower Upper
 162 100
 164 64.8 54.4 81.6
 98 36.1 28.2 42.4

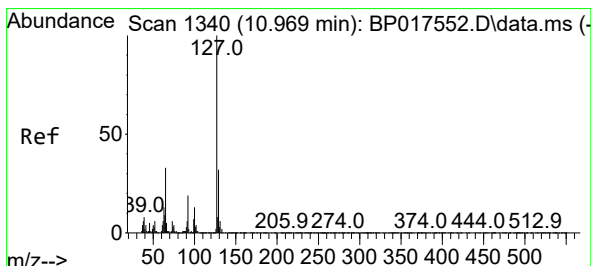
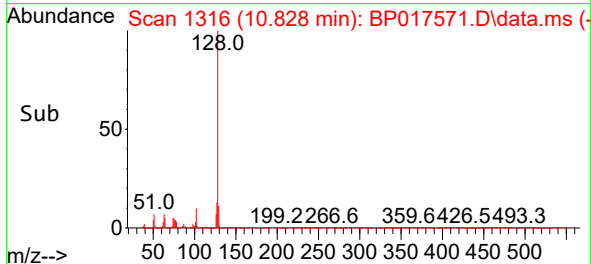
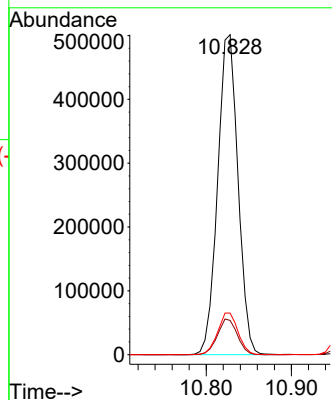
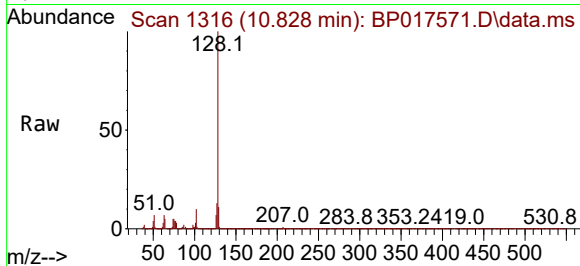




#30
Naphthalene
Concen: 47.084 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

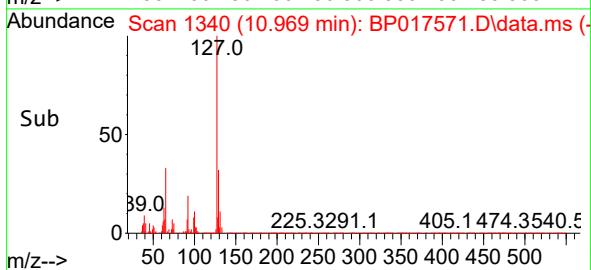
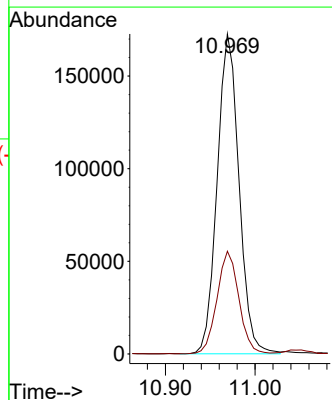
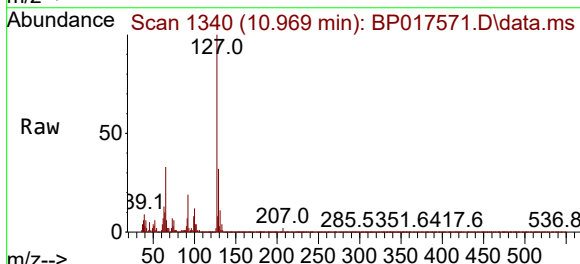
Instrument :
BNA_G
ClientSampleId :

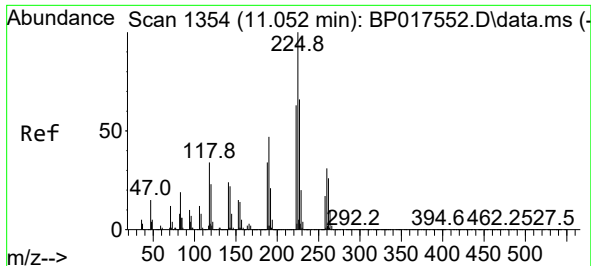
Tgt Ion:128 Resp: 831265
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 40.228 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:127 Resp: 291169
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4

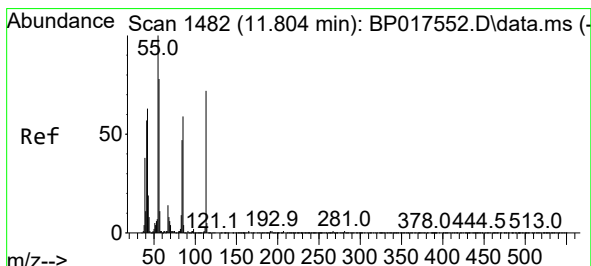
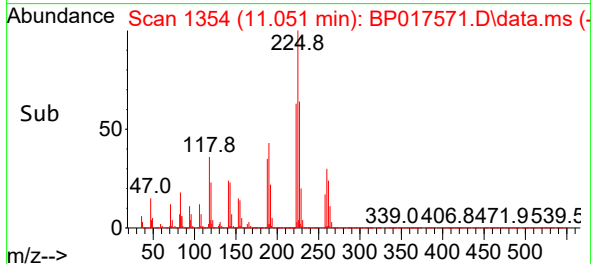
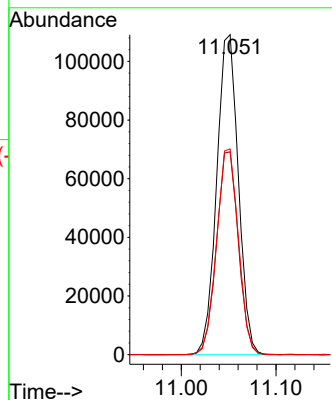
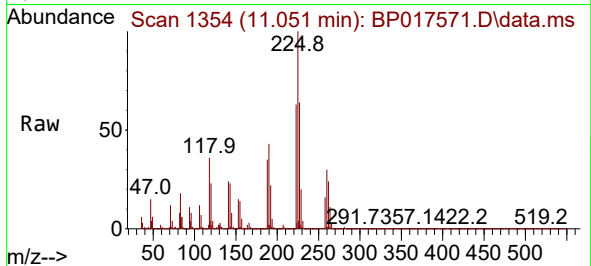




#33
Hexachlorobutadiene
Concen: 46.149 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

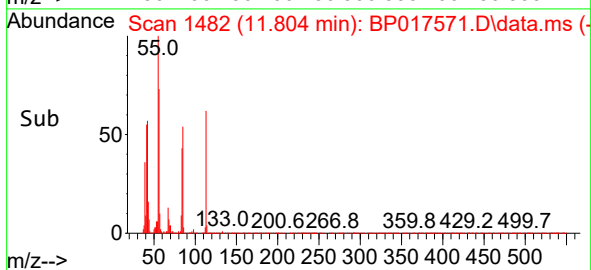
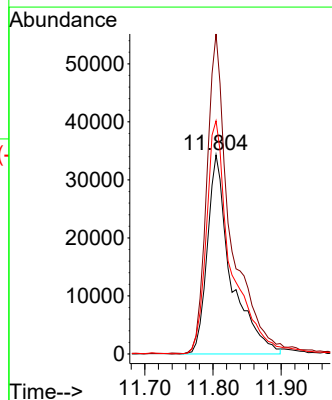
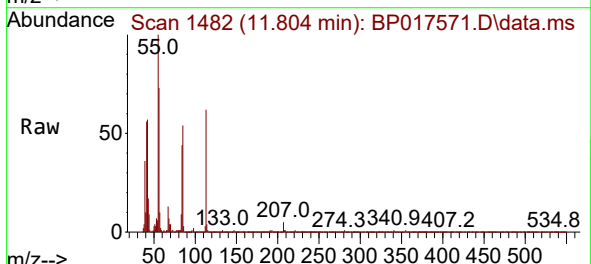
Instrument :
BNA_G
ClientSampleId :

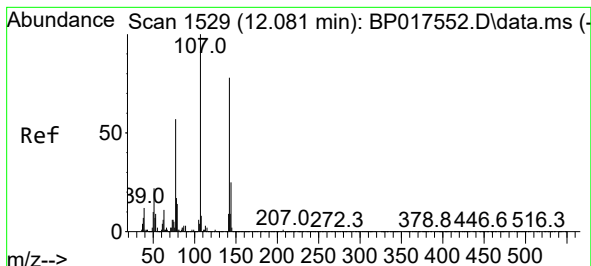
Tgt Ion:225 Resp: 173216
Ion Ratio Lower Upper
225 100
223 63.4 51.5 77.3
227 64.3 51.4 77.0



#34
Caprolactam
Concen: 51.703 ng/ul
RT: 11.804 min Scan# 1482
Delta R.T. -0.012 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:113 Resp: 82927
Ion Ratio Lower Upper
113 100
55 160.7 124.6 187.0
56 117.1 94.7 142.1

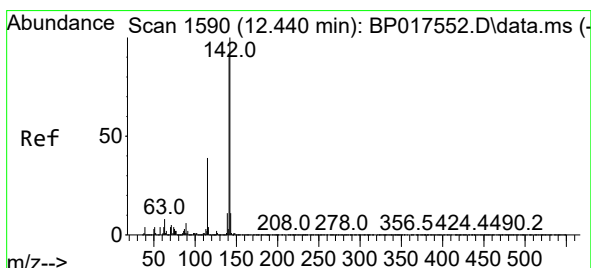
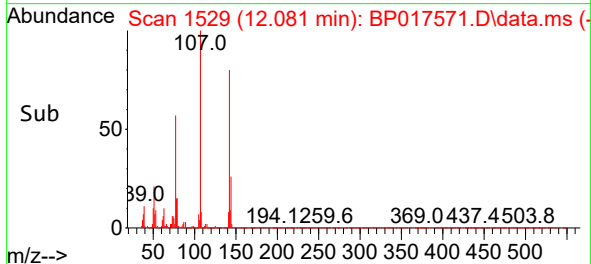
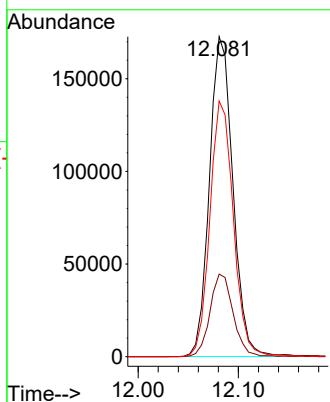
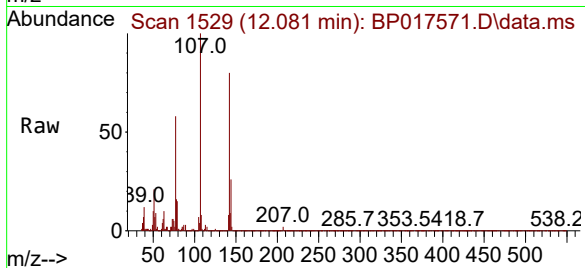




#35
4-Chloro-3-methylphenol
Concen: 51.455 ng/ul
RT: 12.081 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

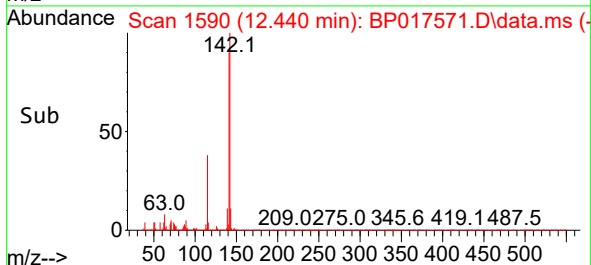
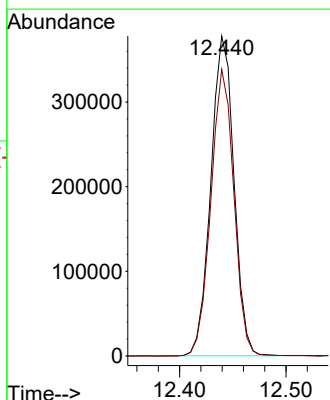
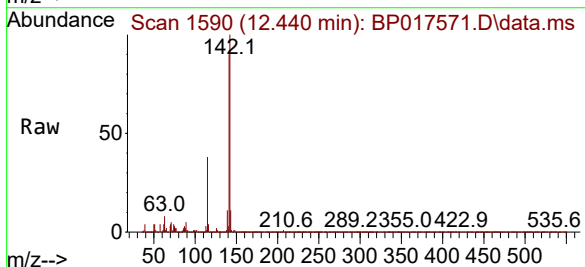
Instrument :
BNA_G
ClientSampleId :

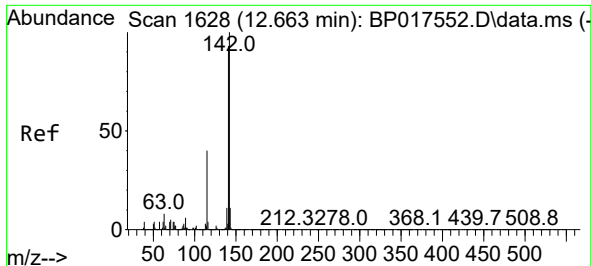
Tgt Ion:107 Resp: 280675
Ion Ratio Lower Upper
107 100
144 25.8 20.8 31.2
142 79.9 62.3 93.5



#36
2-Methylnaphthalene
Concen: 47.146 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:142 Resp: 568766
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2

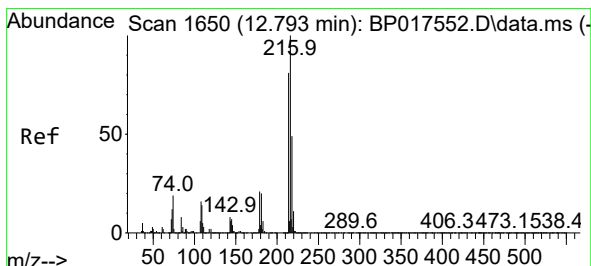
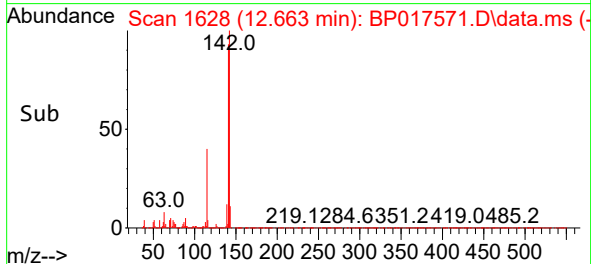
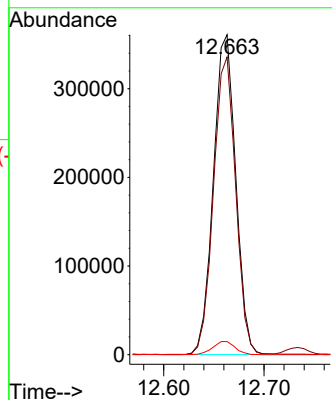
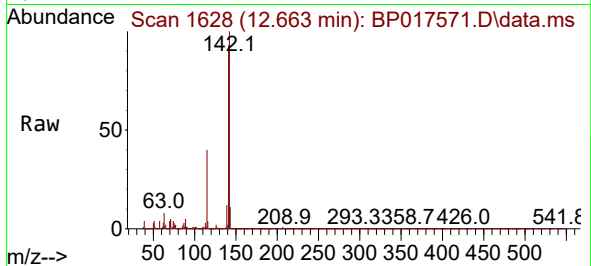




#37
1-Methylnaphthalene
Concen: 45.001 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

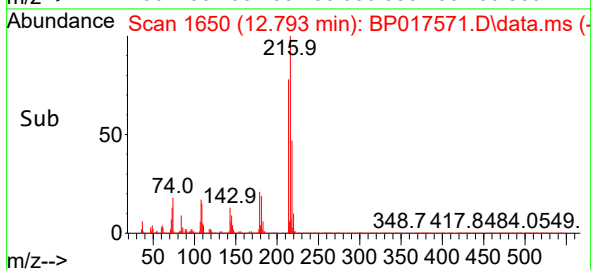
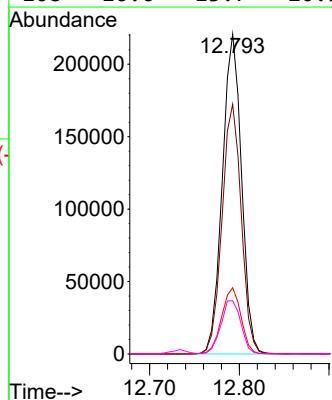
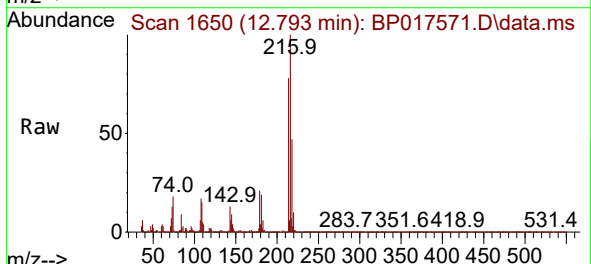
Instrument :
BNA_G
ClientSampleId :

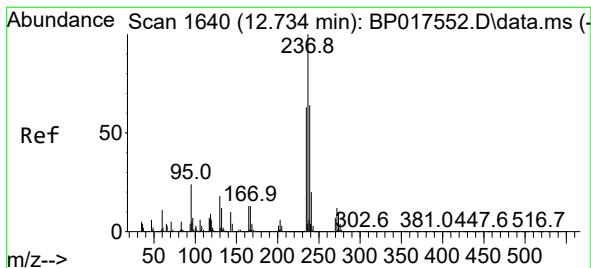
Tgt Ion:142 Resp: 556993
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
116 4.1 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.745 ng/ul
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:216 Resp: 326972
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 20.7 17.1 25.7
108 16.6 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 24.394 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

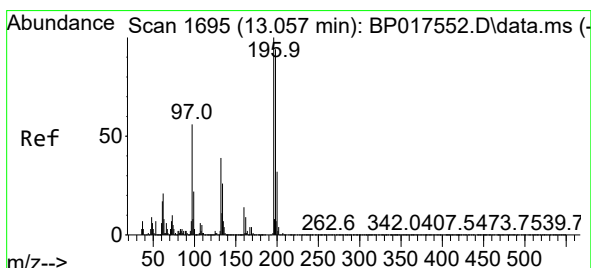
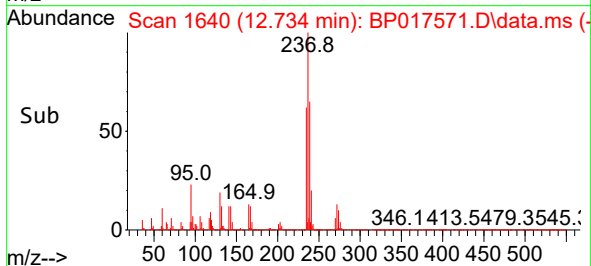
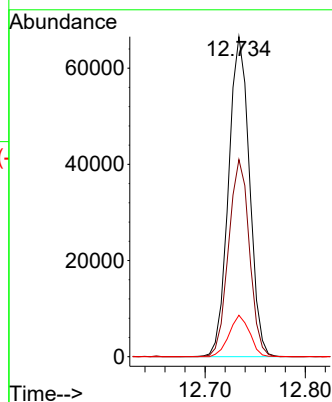
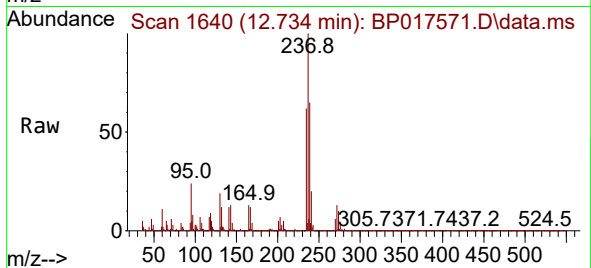
Tgt Ion:237 Resp: 96237

Ion Ratio Lower Upper

237 100

235 61.6 51.4 77.0

272 12.9 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 44.260 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

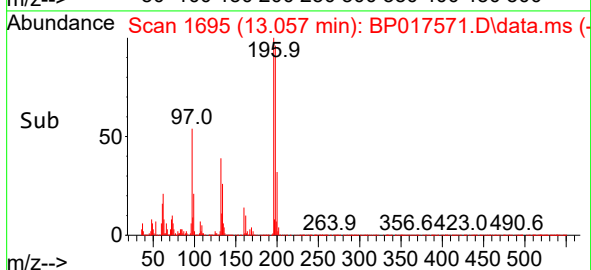
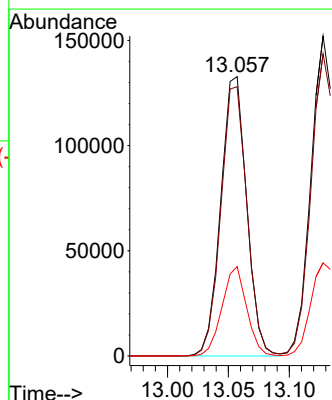
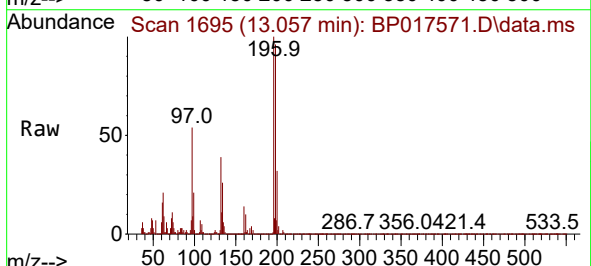
Tgt Ion:196 Resp: 197301

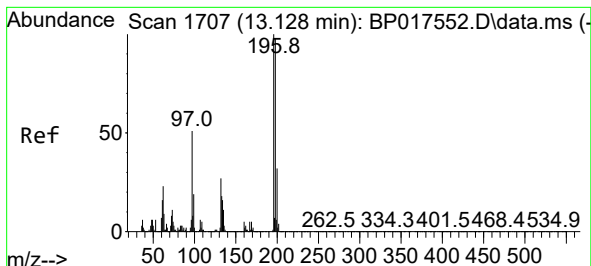
Ion Ratio Lower Upper

196 100

198 96.4 76.3 114.5

200 32.0 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 48.162 ng/ul

RT: 13.128 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

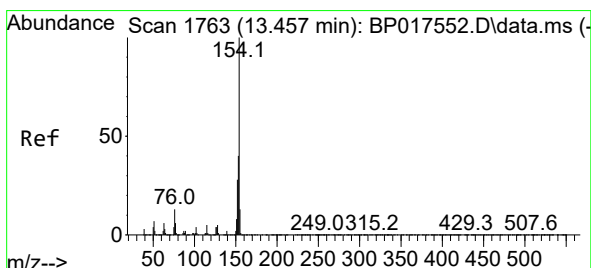
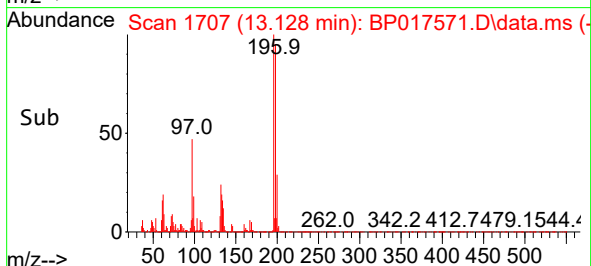
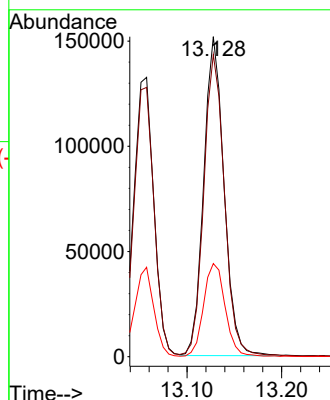
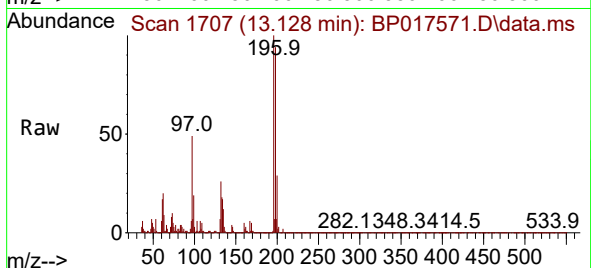
Tgt Ion:196 Resp: 226065

Ion Ratio Lower Upper

196 100

198 94.4 75.4 113.2

200 29.1 24.9 37.3



#43

1,1'-Biphenyl

Concen: 48.138 ng/ul

RT: 13.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

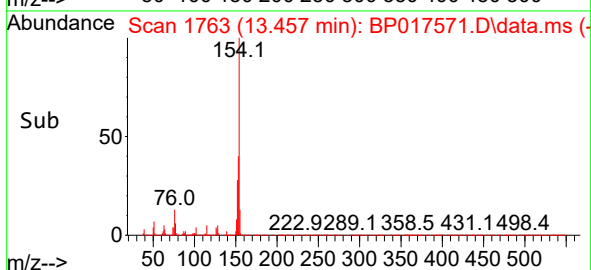
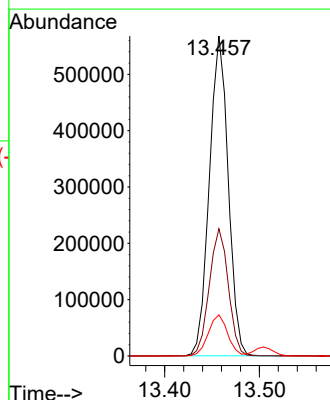
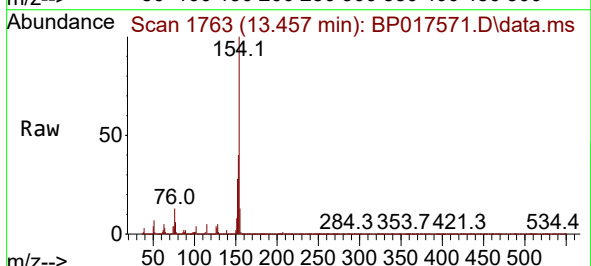
Tgt Ion:154 Resp: 786744

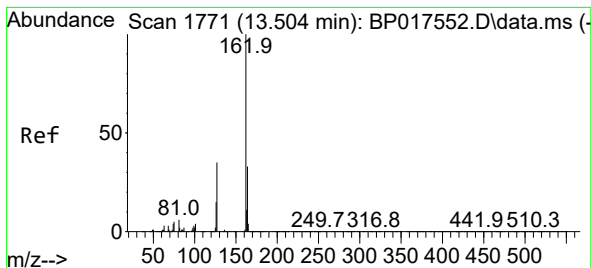
Ion Ratio Lower Upper

154 100

153 39.7 32.2 48.4

76 12.8 11.0 16.4

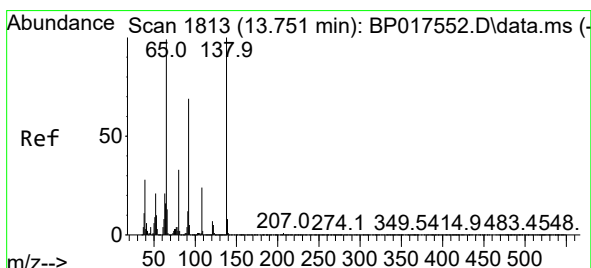
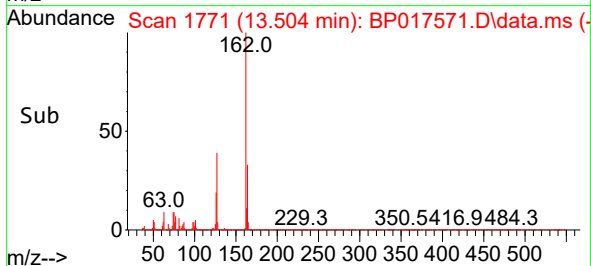
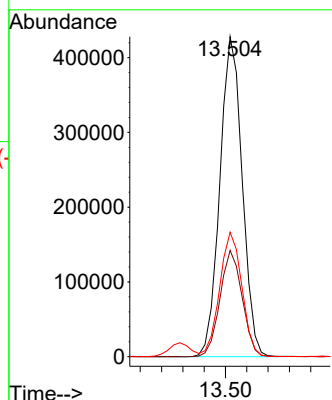
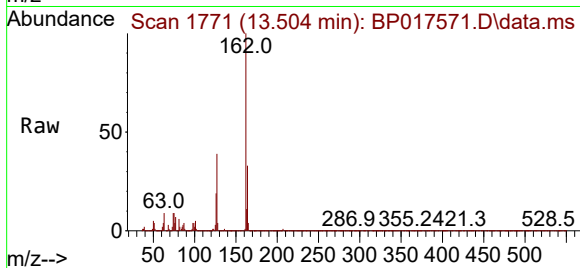




#44
2-Chloronaphthalene
Concen: 47.894 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

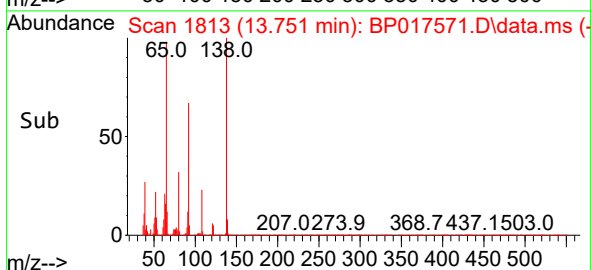
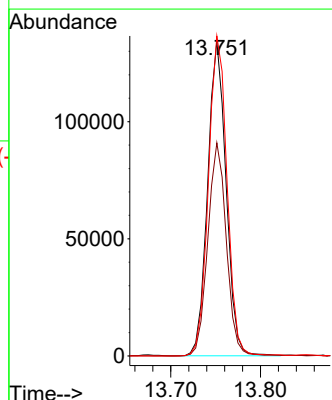
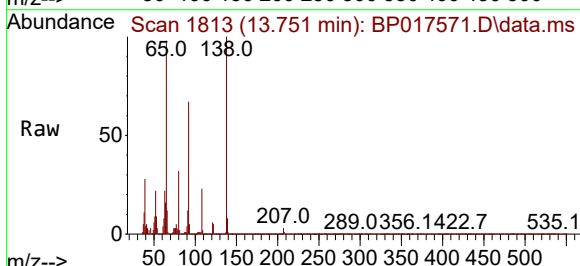
Instrument :
BNA_G
ClientSampleId :

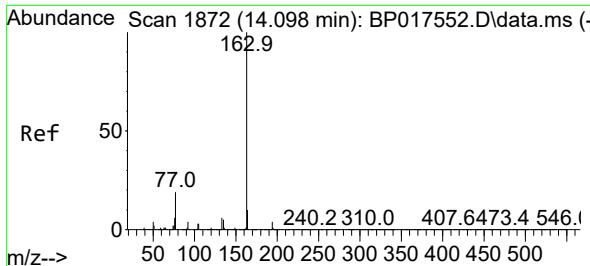
Tgt Ion:162 Resp: 622342
Ion Ratio Lower Upper
162 100
164 33.2 26.0 39.0
127 38.9 31.2 46.8



#45
2-Nitroaniline
Concen: 53.018 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

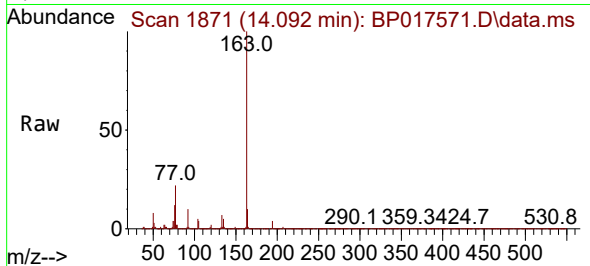
Tgt Ion: 65 Resp: 191434
Ion Ratio Lower Upper
65 100
92 67.7 54.7 82.1
138 101.6 81.4 122.2



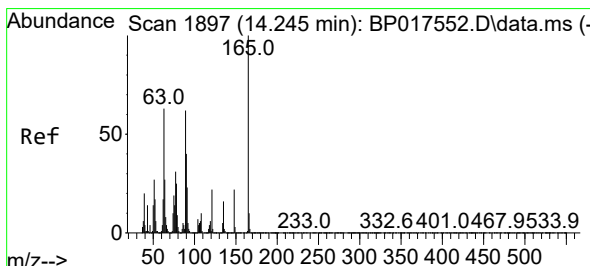
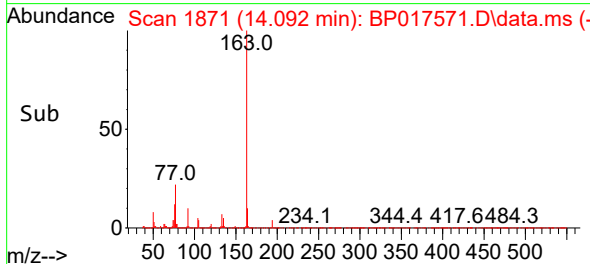
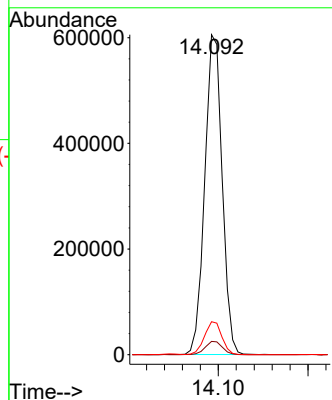


#47
Dimethylphthalate
Concen: 48.685 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Instrument :
BNA_G
ClientSampleId :

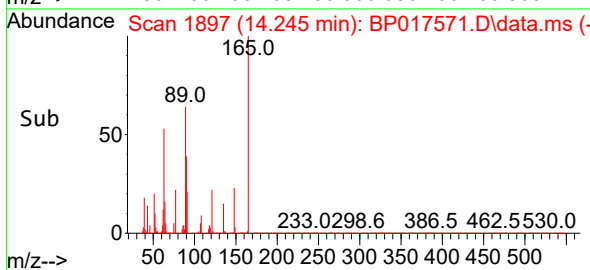
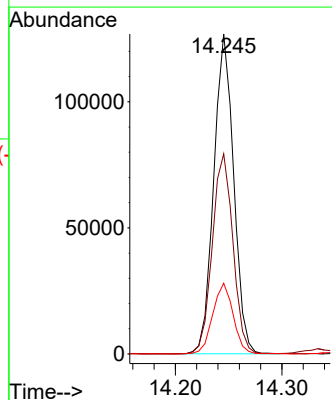
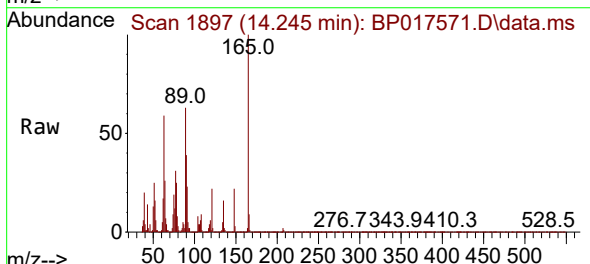


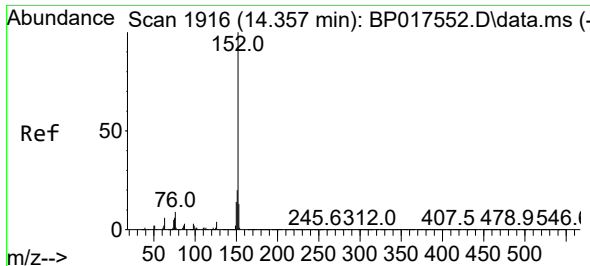
Tgt Ion:163 Resp: 814921
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 52.714 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:165 Resp: 164419
Ion Ratio Lower Upper
165 100
89 62.6 52.6 78.8
121 22.1 16.7 25.1

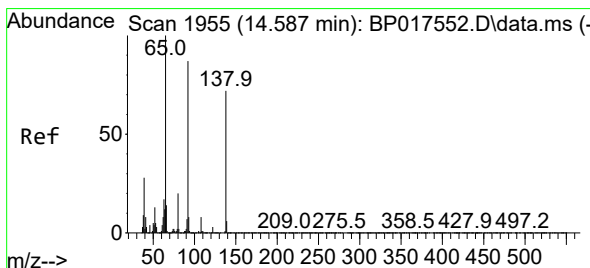
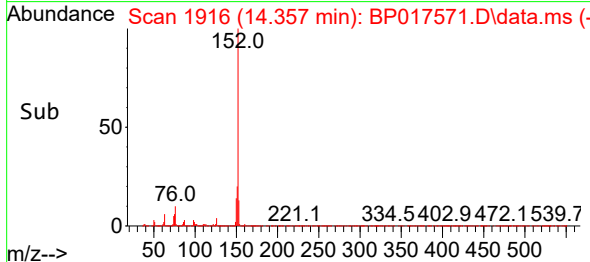
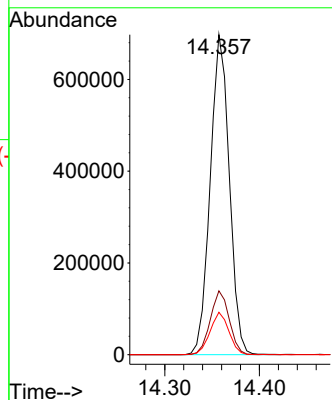
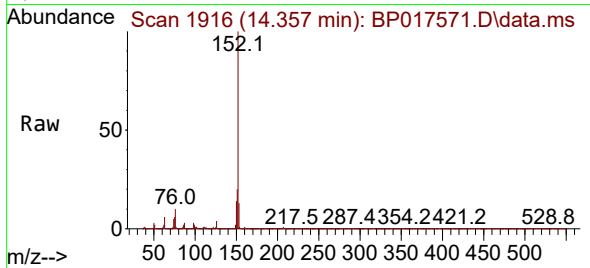




#50
Acenaphthylene
Concen: 45.928 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

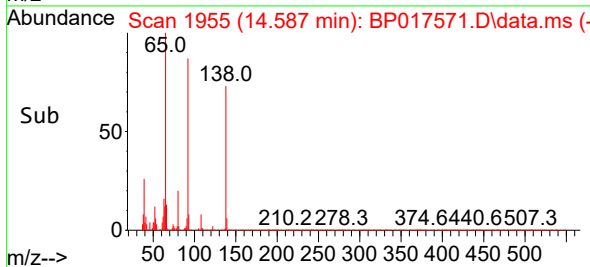
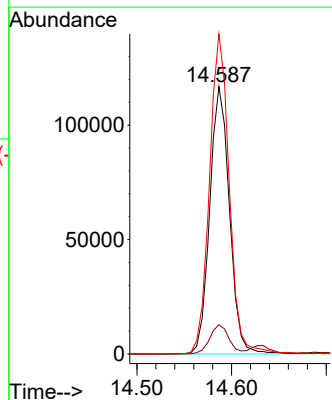
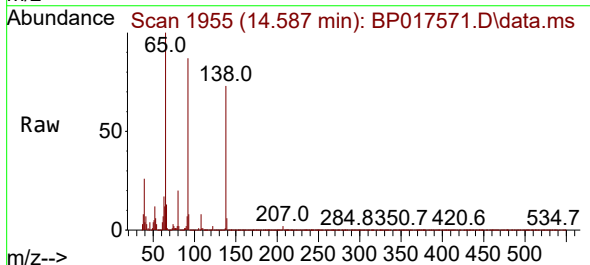
Instrument :
BNA_G
ClientSampleId :

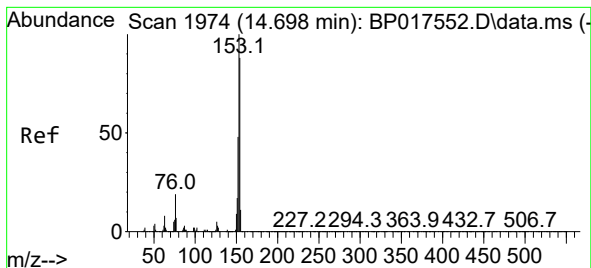
Tgt Ion:152 Resp: 975366
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.3 10.5 15.7



#51
3-Nitroaniline
Concen: 56.841 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:138 Resp: 169011
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 119.7 96.4 144.6





#52

Acenaphthene

Concen: 48.046 ng/ul

RT: 14.692 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

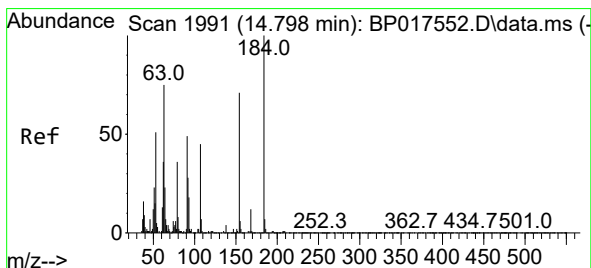
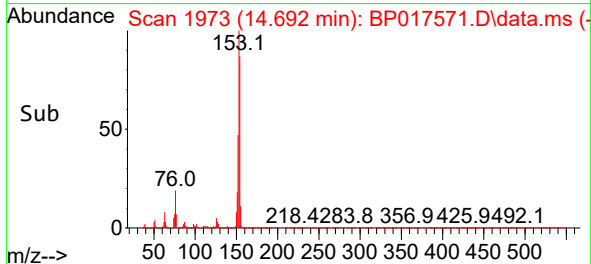
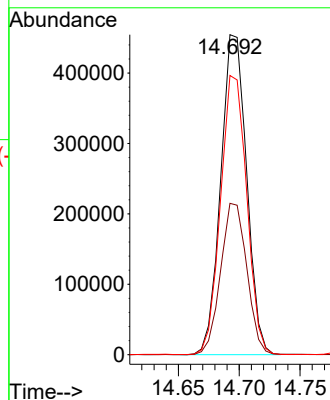
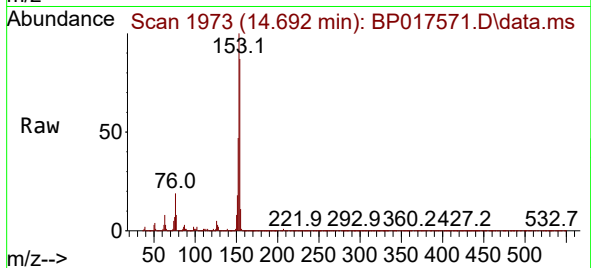
Tgt Ion:153 Resp: 673491

Ion Ratio Lower Upper

153 100

152 47.3 38.3 57.5

154 87.2 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 43.573 ng/ul

RT: 14.798 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

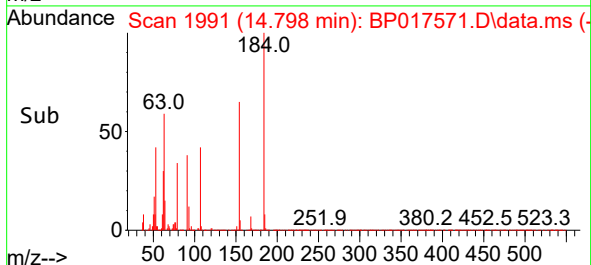
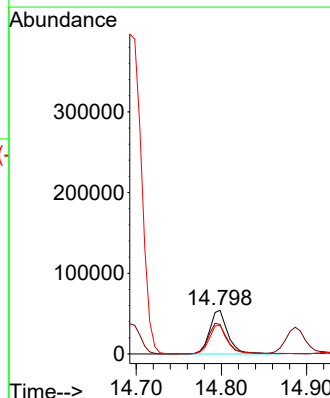
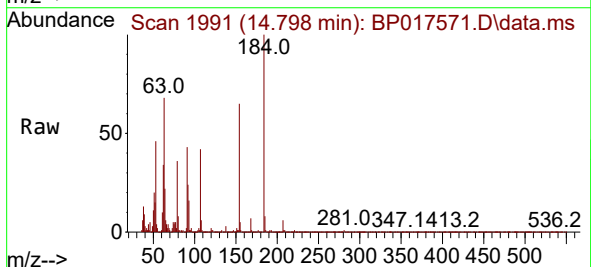
Tgt Ion:184 Resp: 80449

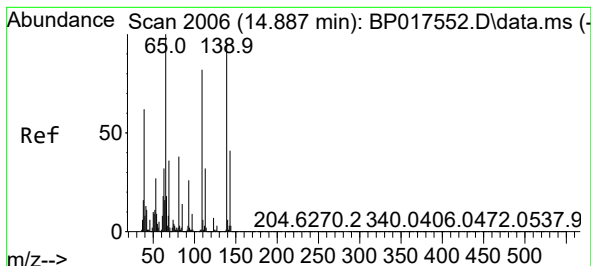
Ion Ratio Lower Upper

184 100

63 67.9 51.1 76.7

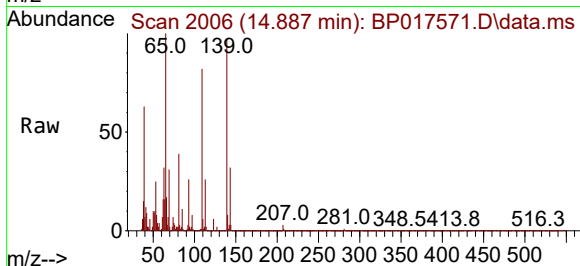
154 65.5 47.5 71.3



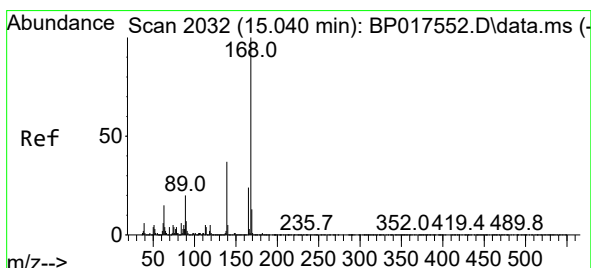
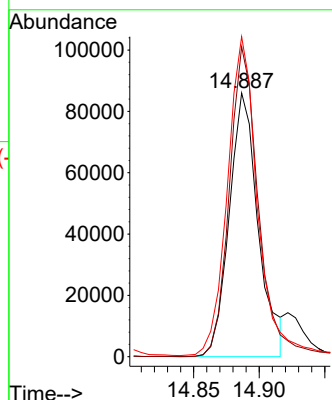
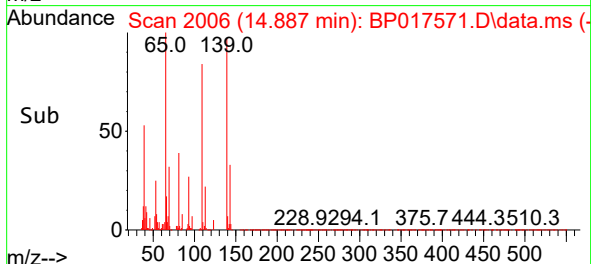


#55
4-Nitrophenol
Concen: 50.413 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Instrument :
BNA_G
ClientSampleId :

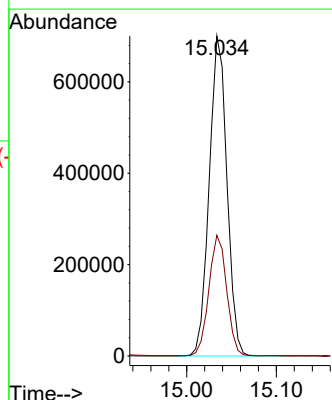
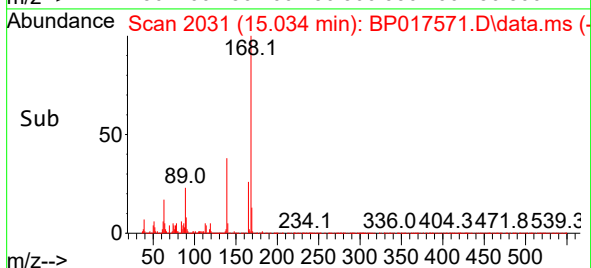
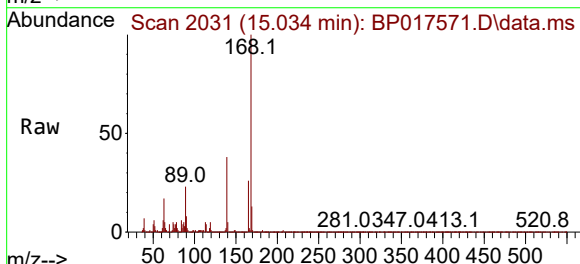


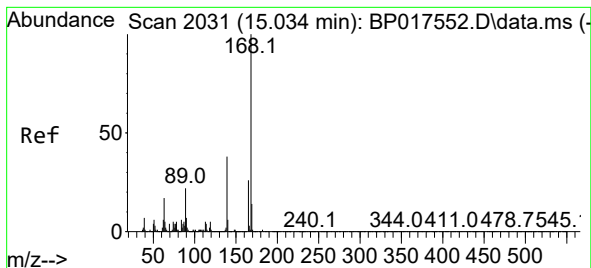
Tgt Ion:109 Resp: 132024
Ion Ratio Lower Upper
109 100
139 117.5 95.5 143.3
65 121.4 97.9 146.9



#56
Dibenzofuran
Concen: 48.685 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:168 Resp: 960486
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 52.421 ng/ul

RT: 15.034 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

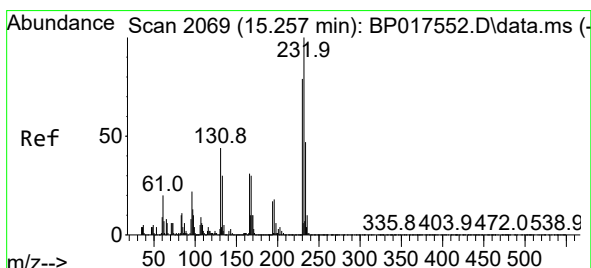
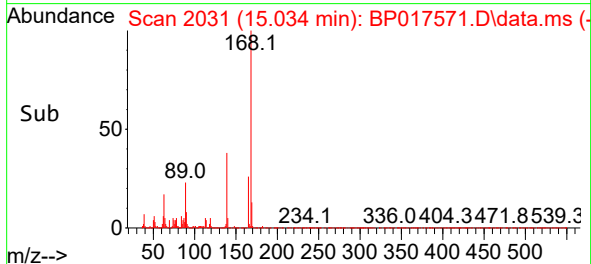
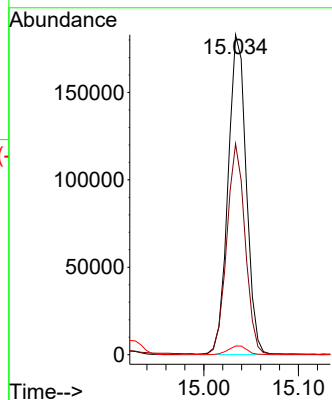
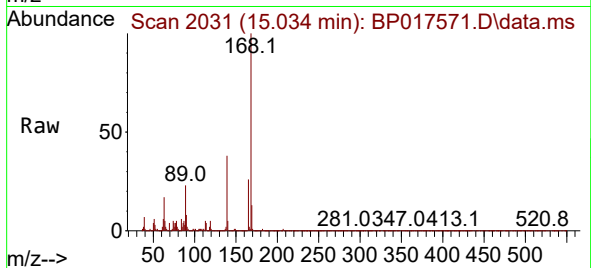
Tgt Ion:165 Resp: 244043

Ion Ratio Lower Upper

165 100

63 65.9 53.4 80.0

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.465 ng/ul

RT: 15.257 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Tgt Ion:232 Resp: 168107

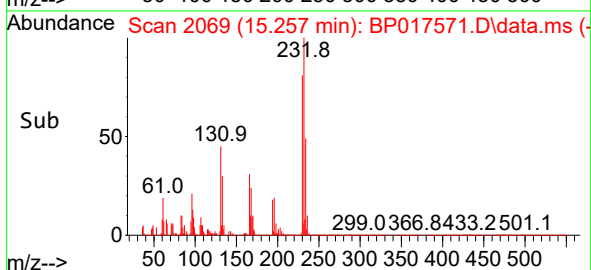
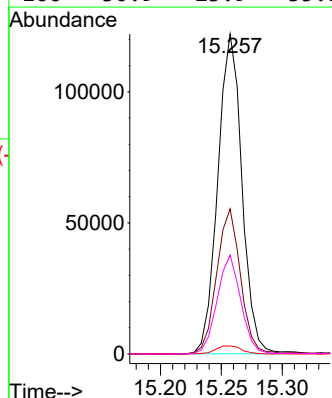
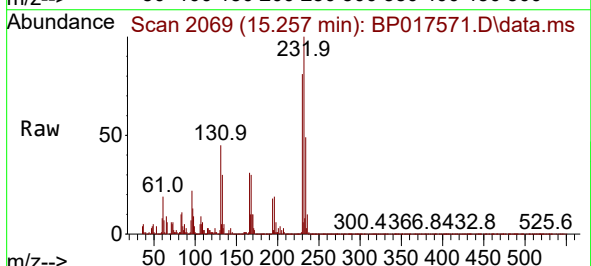
Ion Ratio Lower Upper

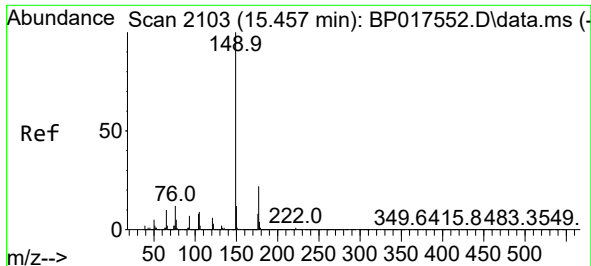
232 100

131 45.4 35.0 52.6

130 2.5 1.9 2.9

166 30.9 23.9 35.9

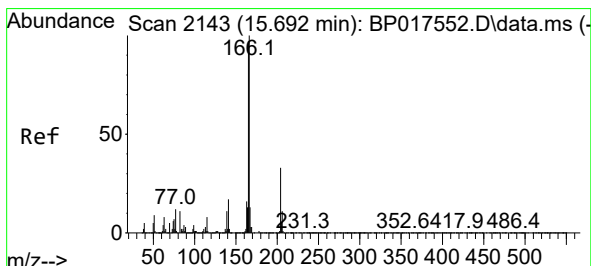
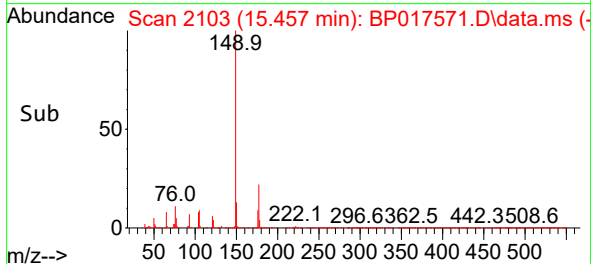
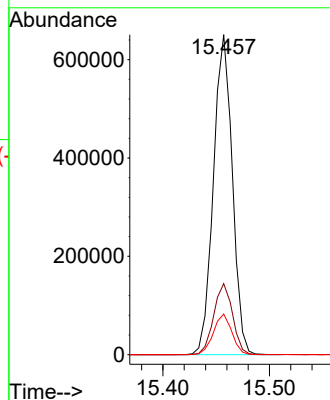
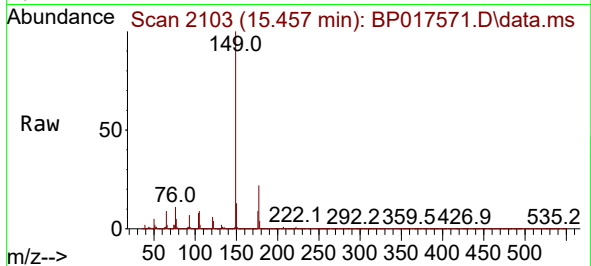




#59
Diethylphthalate
Concen: 47.622 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

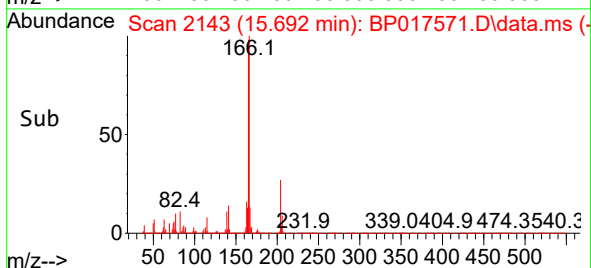
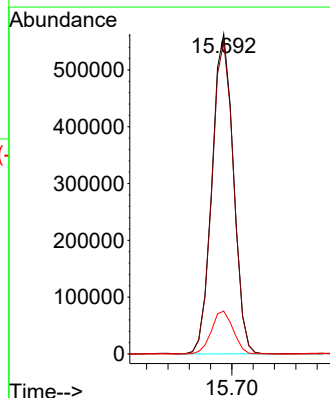
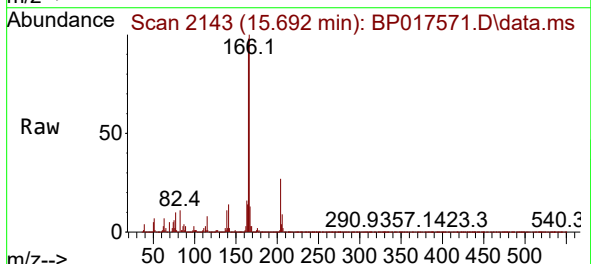
Instrument :
BNA_G
ClientSampleId :

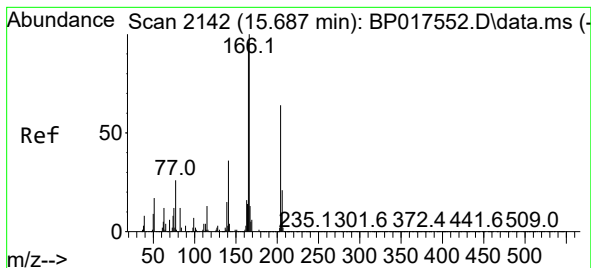
Tgt Ion:149 Resp: 799541
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.7 10.2 15.4



#61
Fluorene
Concen: 48.147 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:166 Resp: 784493
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 13.4 11.0 16.4

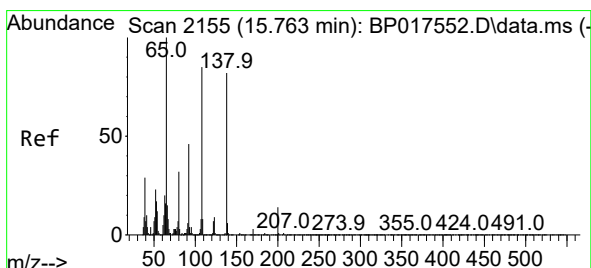
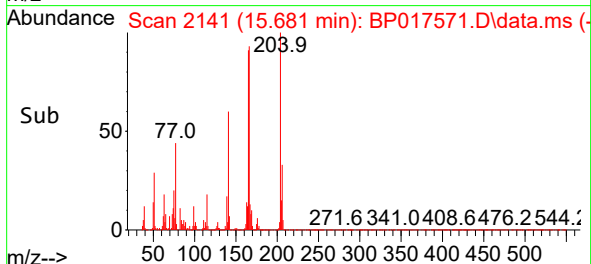
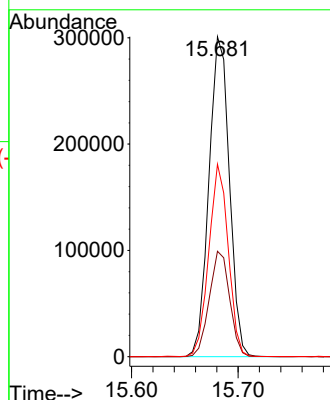
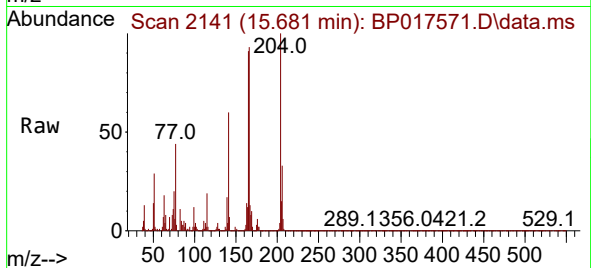




#62
4-Chlorophenyl-phenylether
Concen: 47.974 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

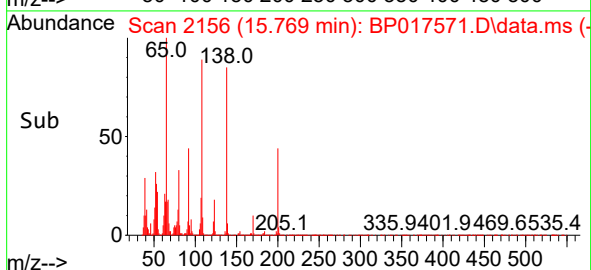
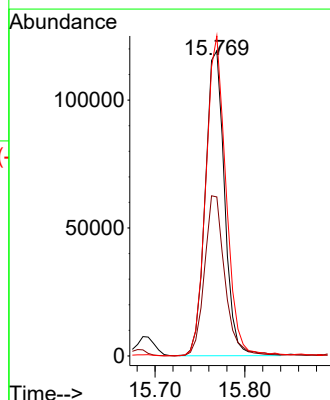
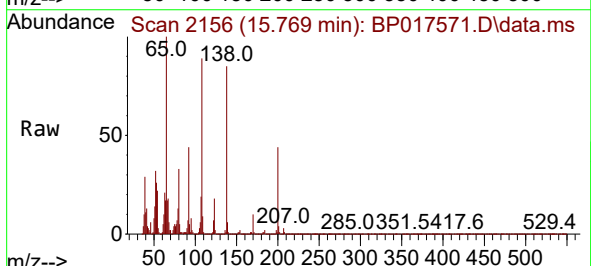
Instrument :
BNA_G
ClientSampleId :

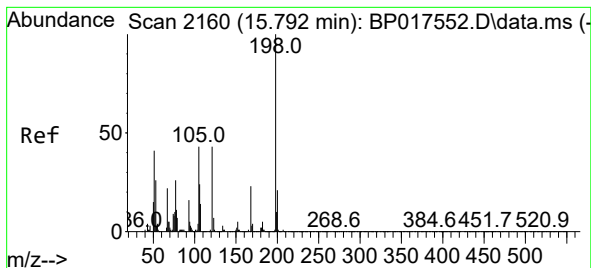
Tgt Ion:204 Resp: 400433
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.1 46.9 70.3



#63
4-Nitroaniline
Concen: 63.774 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:138 Resp: 178232
Ion Ratio Lower Upper
138 100
92 52.1 44.8 67.2
108 104.8 79.7 119.5

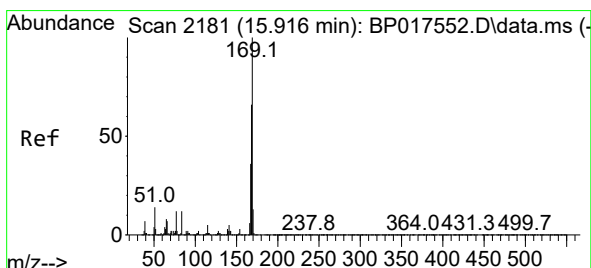
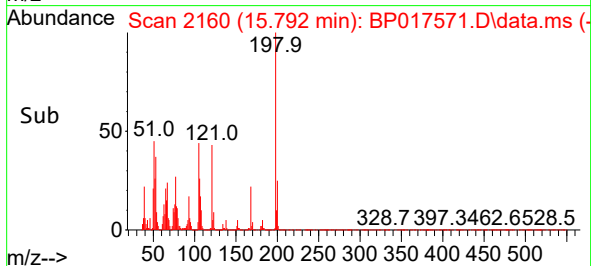
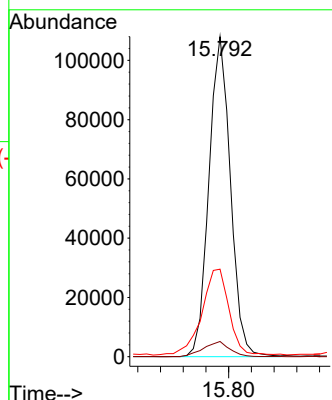
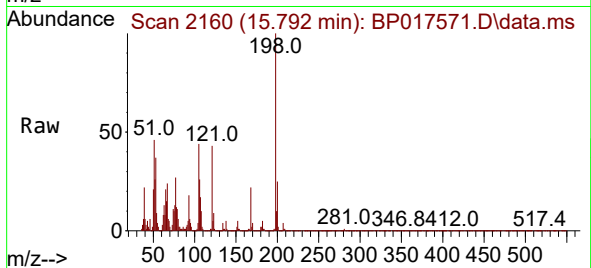




#66
4,6-Dinitro-2-methylphenol
Concen: 44.007 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

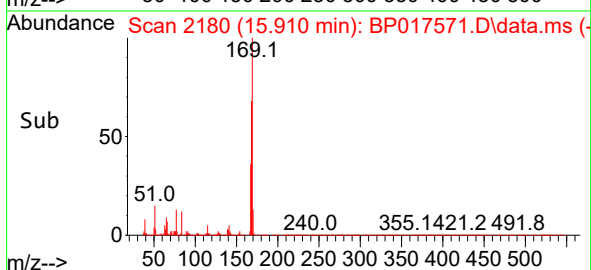
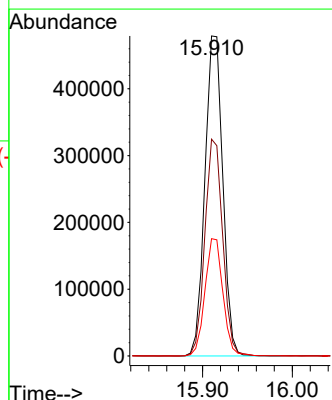
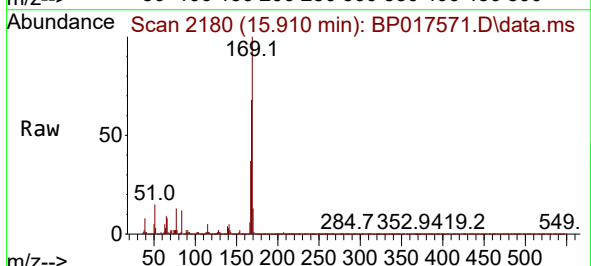
Instrument :
BNA_G
ClientSampleId :

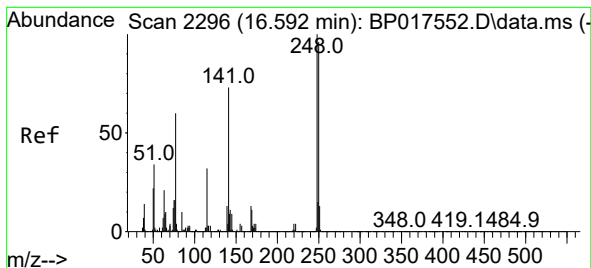
Tgt Ion:198 Resp: 142061
Ion Ratio Lower Upper
198 100
182 4.7 4.2 6.2
77 27.3 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 48.875 ng/ul
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:169 Resp: 662387
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 36.7 29.7 44.5

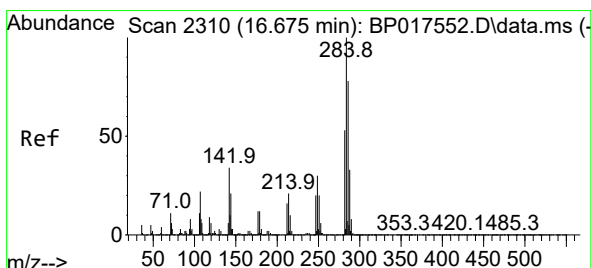
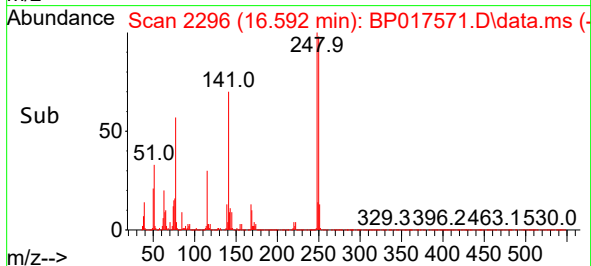
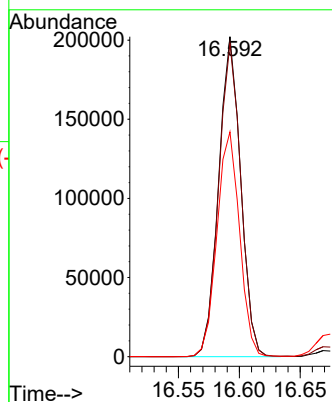
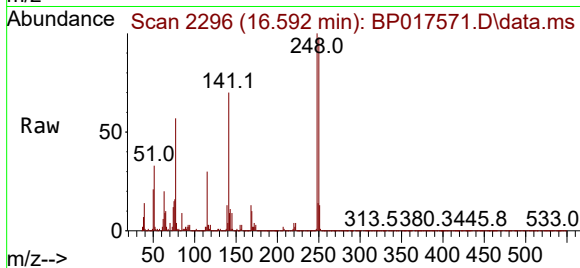




#68
4-Bromophenyl-phenylether
Concen: 49.694 ng/ul
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

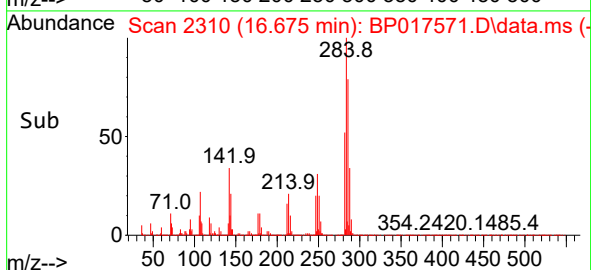
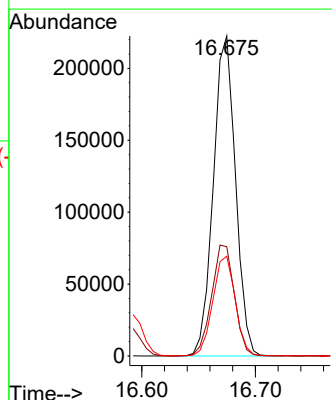
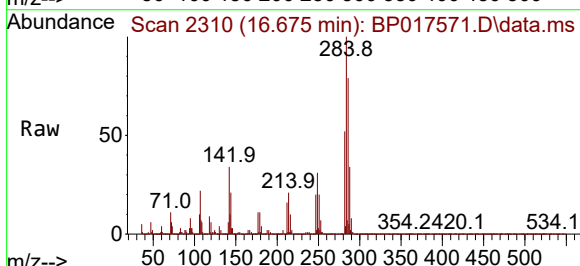
Instrument :
BNA_G
ClientSampleId :

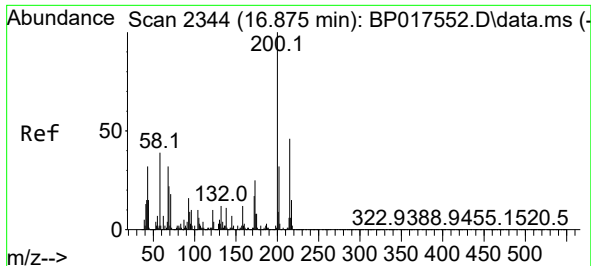
Tgt Ion:248 Resp: 254985
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.6
141 70.3 57.1 85.7



#69
Hexachlorobenzene
Concen: 49.920 ng/ul
RT: 16.675 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:284 Resp: 301655
Ion Ratio Lower Upper
284 100
142 34.1 27.0 40.6
249 31.2 24.6 36.8

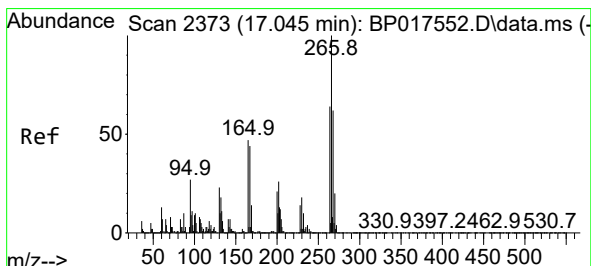
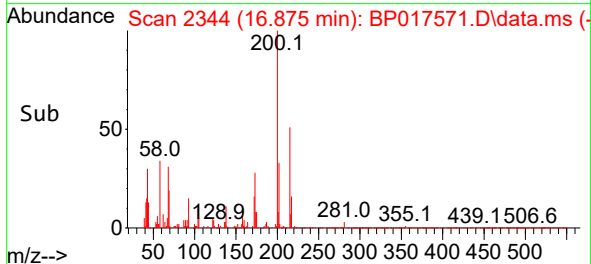
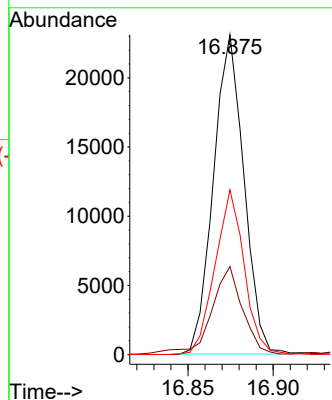
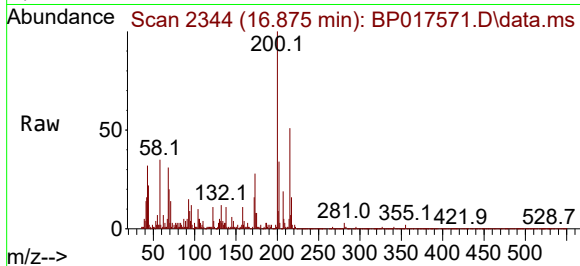




#70
Atrazine
Concen: 5.464 ng/ul
RT: 16.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

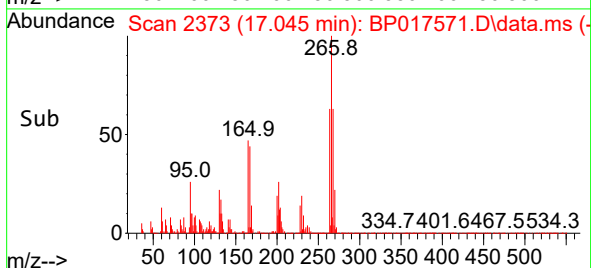
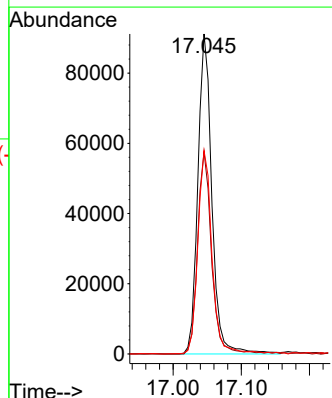
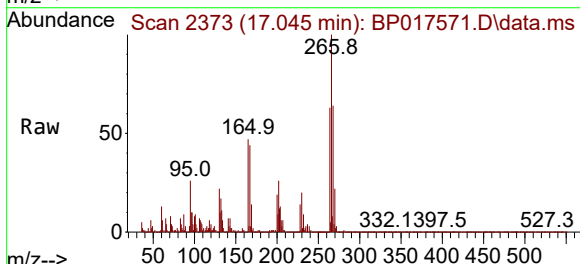
Instrument :
BNA_G
ClientSampleId :

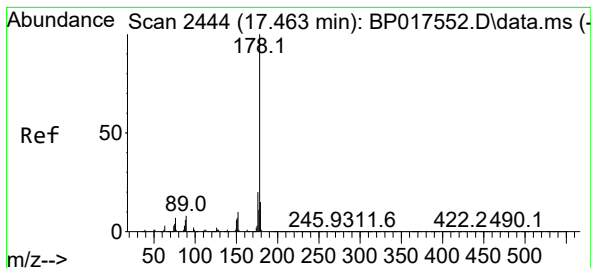
Tgt Ion:200 Resp: 28651
Ion Ratio Lower Upper
200 100
173 27.6 20.6 30.8
215 51.5 40.1 60.1



#71
Pentachlorophenol
Concen: 35.490 ng/ul
RT: 17.045 min Scan# 2373
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

Tgt Ion:266 Resp: 129825
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 63.6 53.0 79.6





#72

Phenanthrene

Concen: 49.918 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

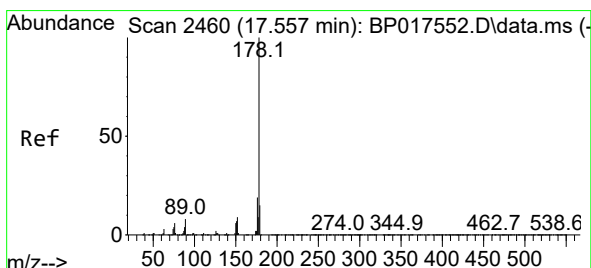
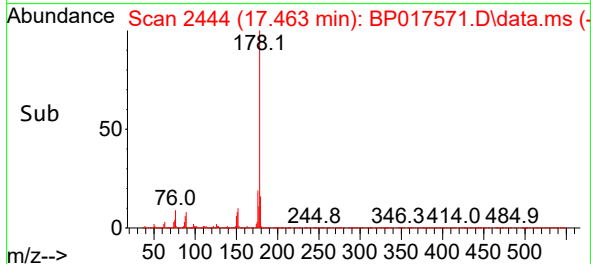
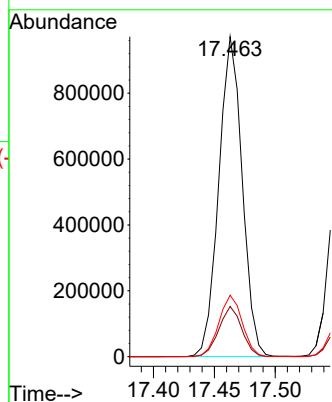
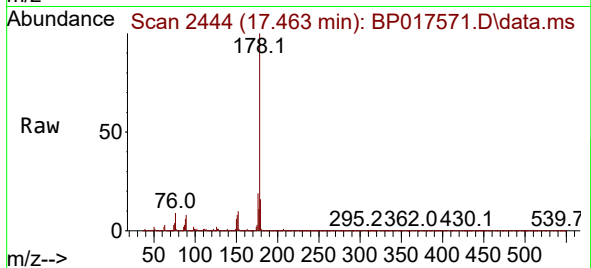
Tgt Ion:178 Resp: 1300343

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.2 15.2 22.8



#74

Anthracene

Concen: 46.400 ng/ul

RT: 17.557 min Scan# 2460

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

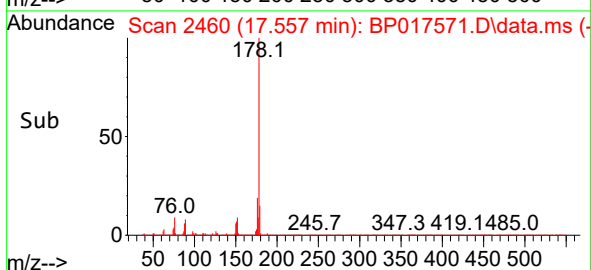
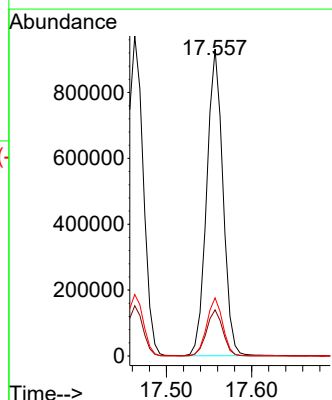
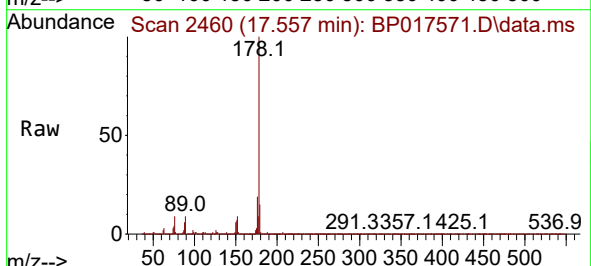
Tgt Ion:178 Resp: 1231952

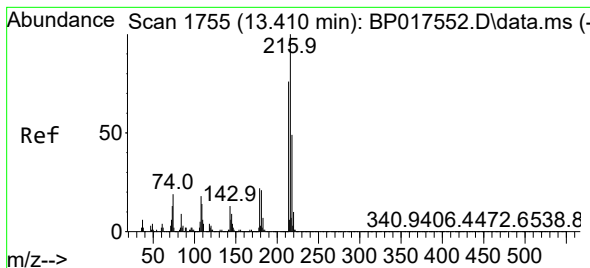
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 18.9 15.0 22.4

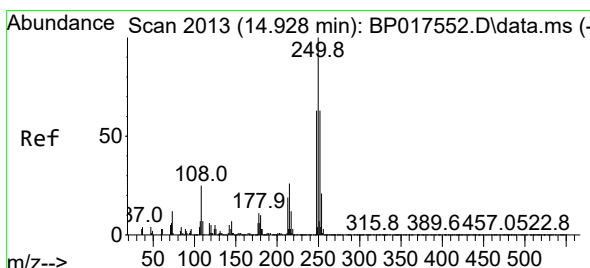
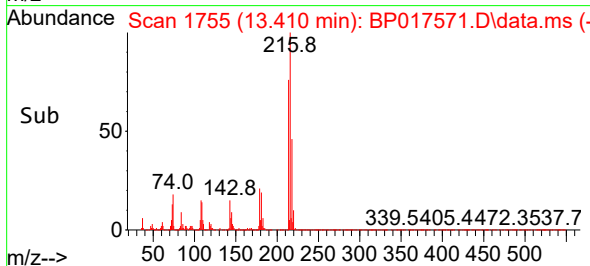
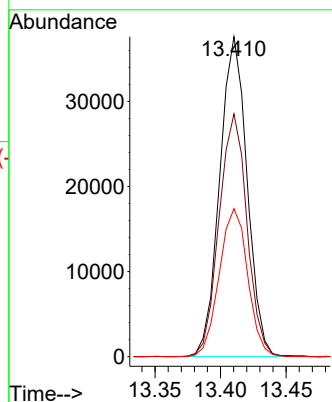
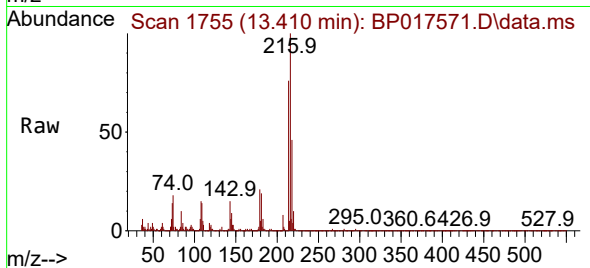




#75
1,2,3,4-Tetrachlorobenzene
Concen: 7.633 ng/uL
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

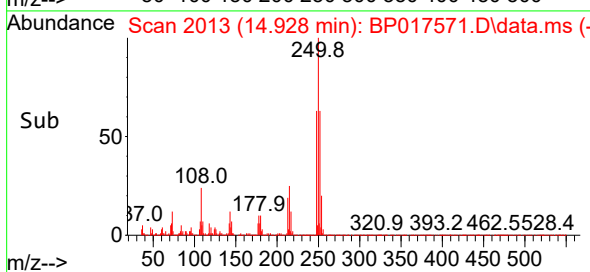
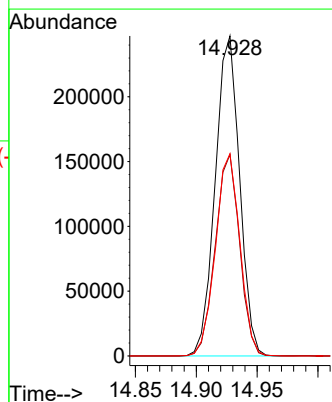
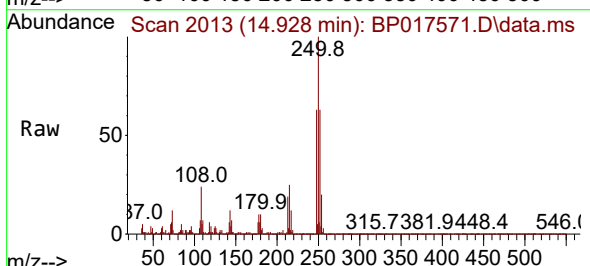
Instrument :
BNA_G
ClientSampleId :

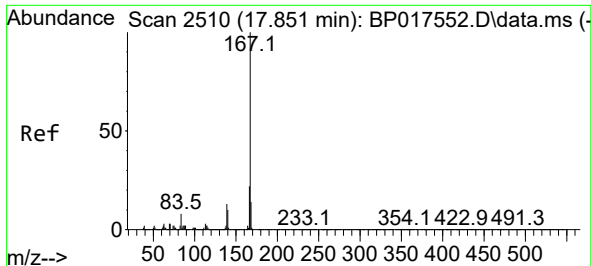
Tgt Ion:216 Resp: 54613
Ion Ratio Lower Upper
216 100
214 75.8 63.4 95.0
218 46.3 38.0 57.0



#76
Pentachlorobenzene
Concen: 48.453 ng/uL
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP017571.D
Acq: 05 Oct 2023 18:14

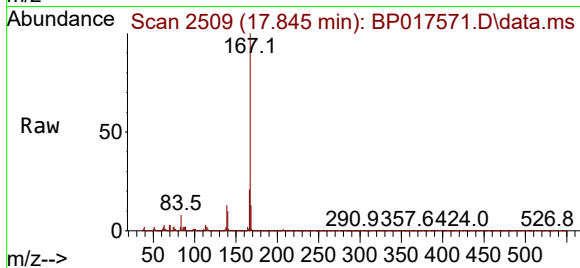
Tgt Ion:250 Resp: 344114
Ion Ratio Lower Upper
250 100
248 63.0 49.1 73.7
252 63.2 51.4 77.2



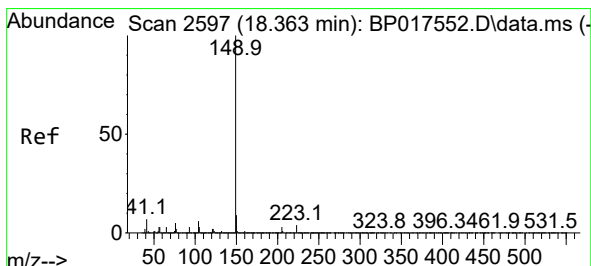
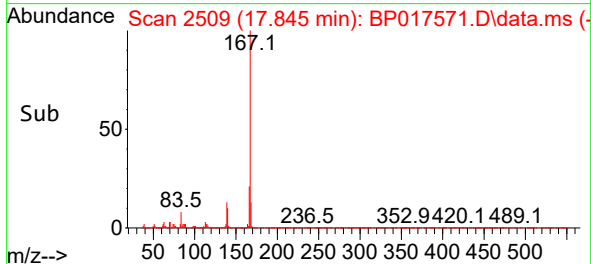
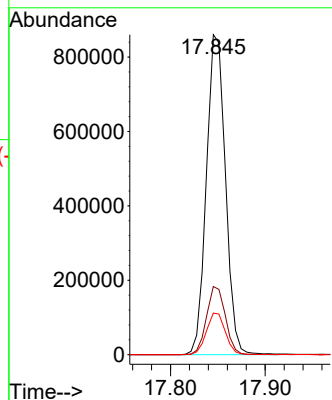


#77
 Carbazole
 Concen: 50.497 ng/ul
 RT: 17.845 min Scan# 2509
 Delta R.T. -0.012 min
 Lab File: BP017571.D
 Acq: 05 Oct 2023 18:14

Instrument :
 BNA_G
 ClientSampleId :

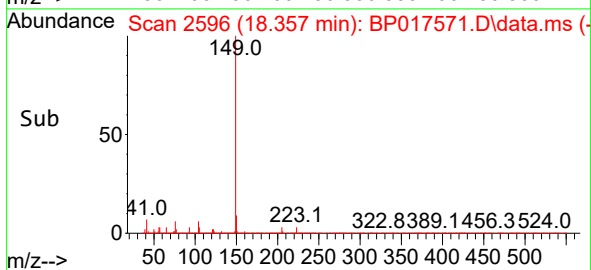
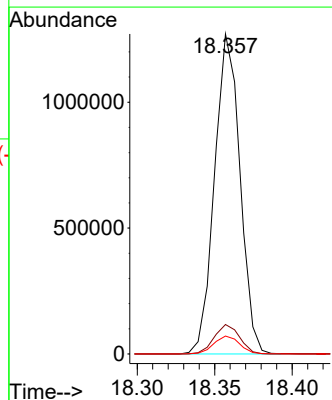
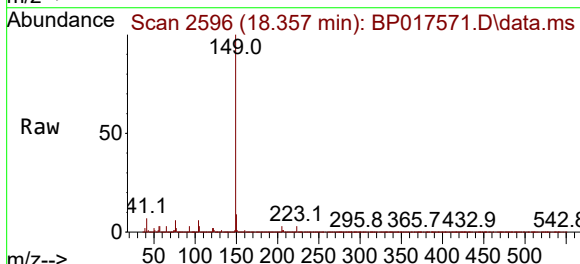


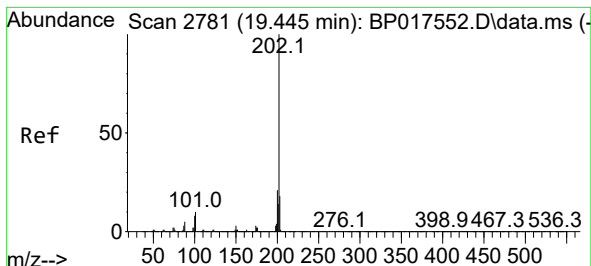
Tgt Ion:167 Resp: 1203916
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.0 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 50.480 ng/ul
 RT: 18.357 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP017571.D
 Acq: 05 Oct 2023 18:14

Tgt Ion:149 Resp: 1450561
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.6 4.3 6.5





#80

Fluoranthene

Concen: 49.666 ng/ul

RT: 19.445 min Scan# 2781

Delta R.T. -0.006 min

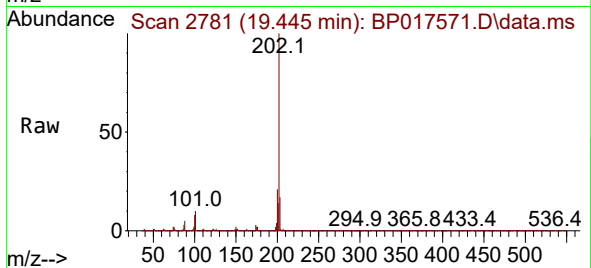
Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :



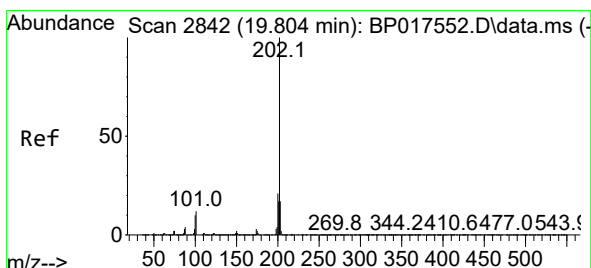
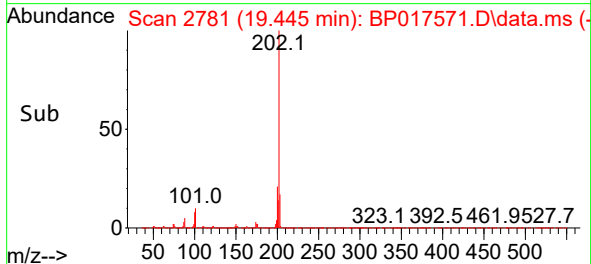
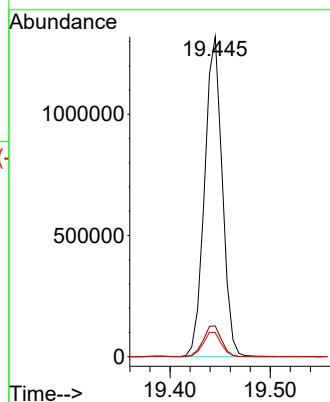
Tgt Ion:202 Resp: 1615941

Ion Ratio Lower Upper

202 100

101 9.6 8.1 12.1

100 7.6 5.9 8.9



#82

Pyrene

Concen: 49.334 ng/ul

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

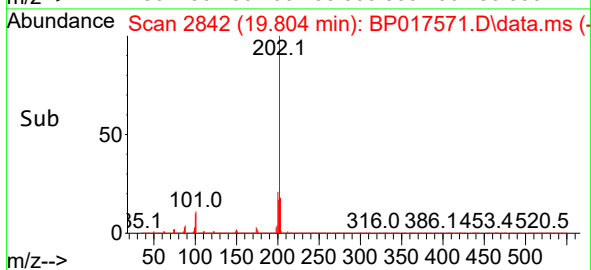
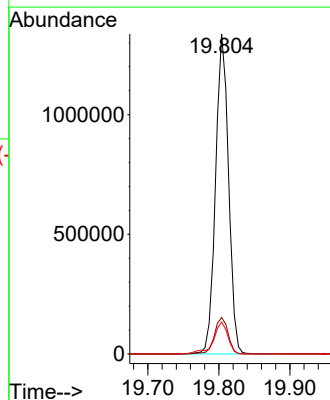
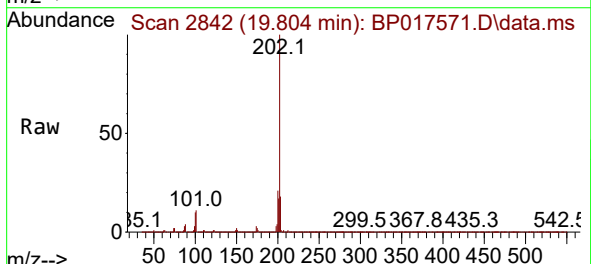
Tgt Ion:202 Resp: 1693617

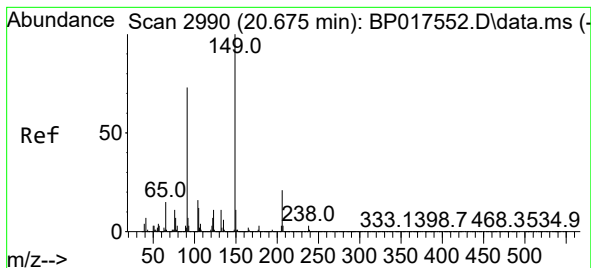
Ion Ratio Lower Upper

202 100

101 11.4 9.7 14.5

100 10.0 8.1 12.1





#83

Butylbenzylphthalate

Concen: 50.856 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

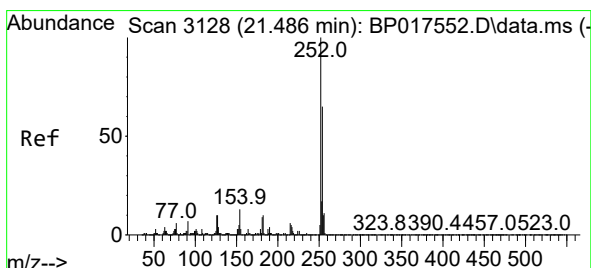
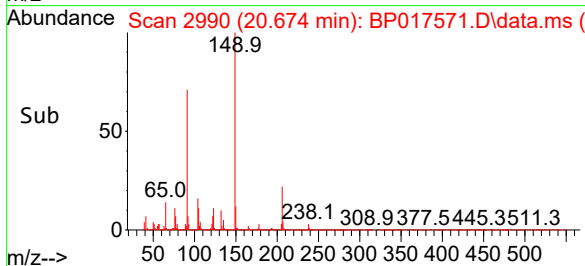
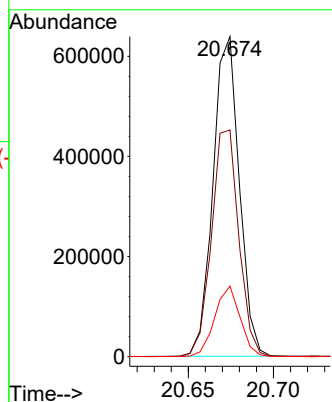
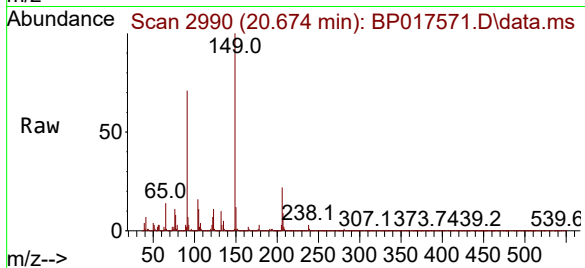
Tgt Ion:149 Resp: 685635

Ion Ratio Lower Upper

149 100

91 70.9 55.8 83.8

206 22.0 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 49.813 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

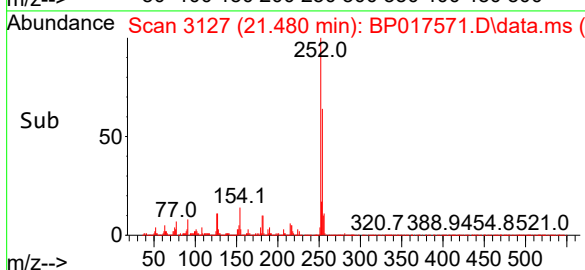
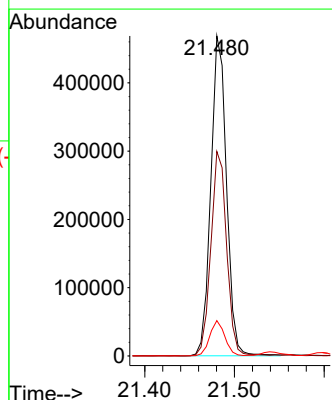
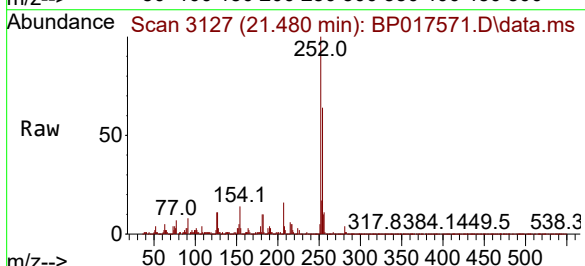
Tgt Ion:252 Resp: 568888

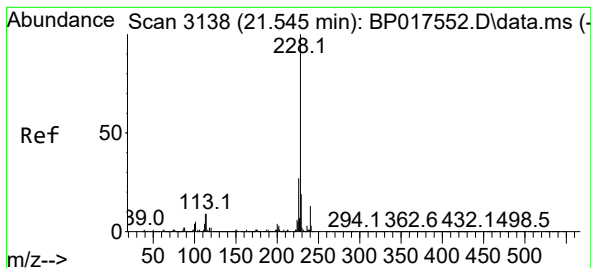
Ion Ratio Lower Upper

252 100

254 63.9 52.0 78.0

126 11.1 8.6 12.8





#85

Benzo(a)anthracene

Concen: 49.144 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

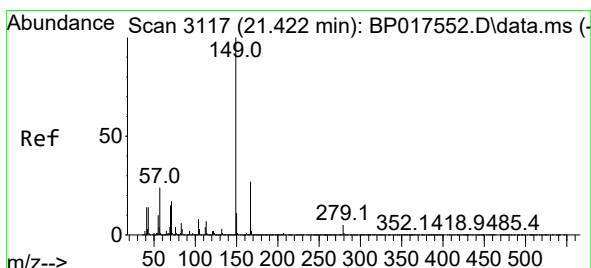
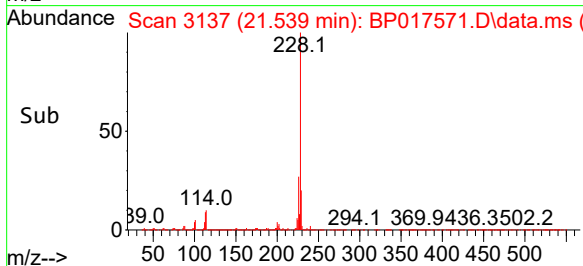
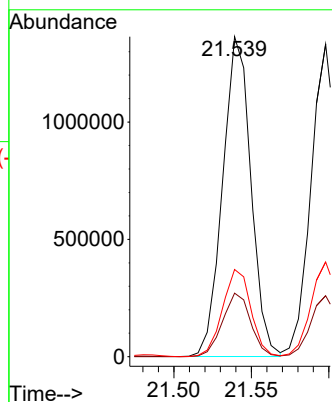
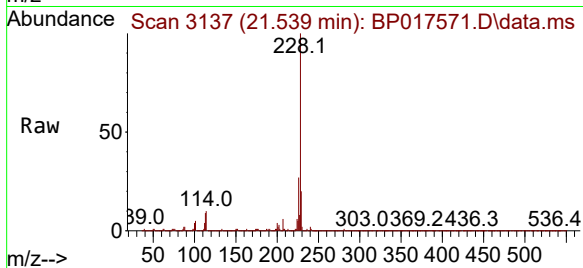
Tgt Ion:228 Resp: 1730541

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.2 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 51.267 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

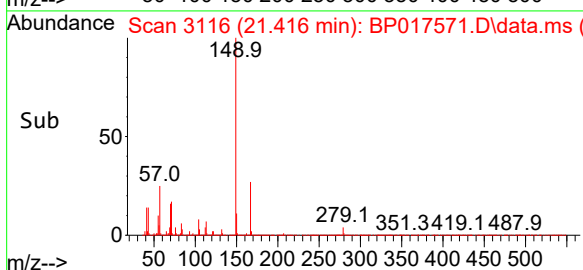
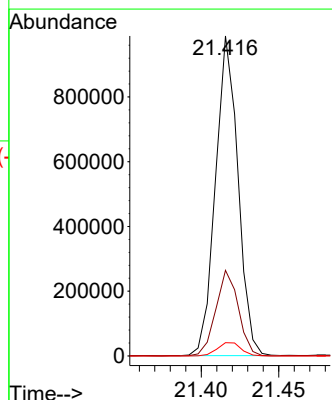
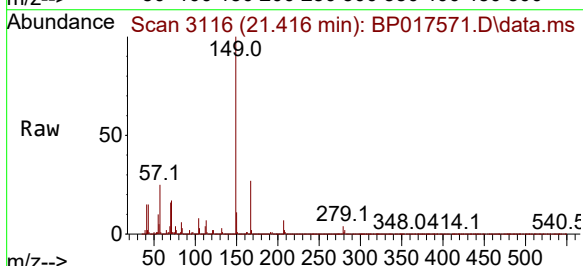
Tgt Ion:149 Resp: 996266

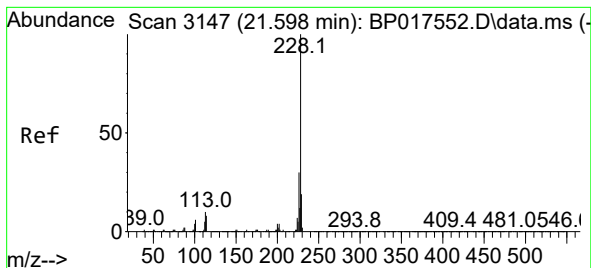
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 4.2 3.4 5.0





#87

Chrysene

Concen: 49.829 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

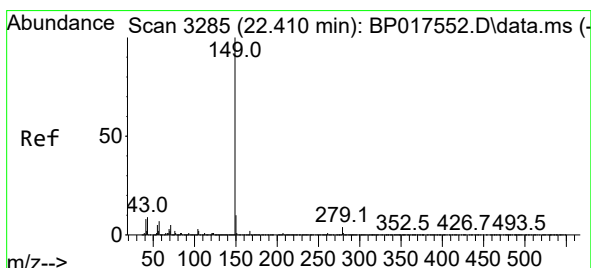
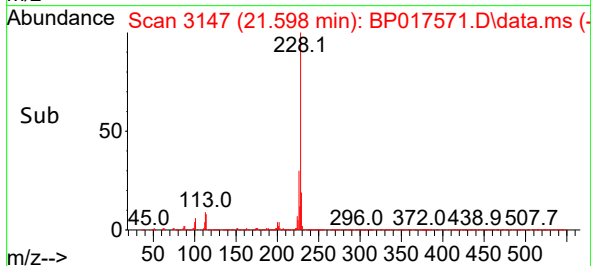
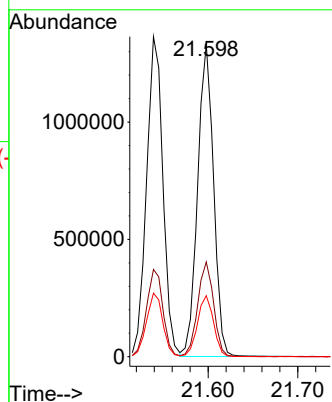
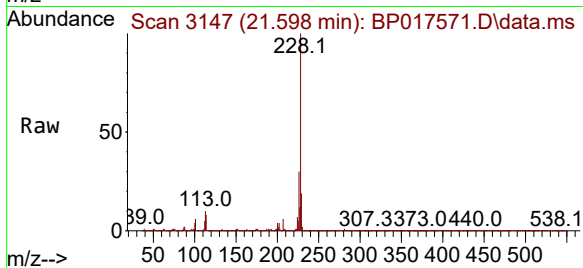
Tgt Ion:228 Resp: 1640141

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.5 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 52.838 ng/ul

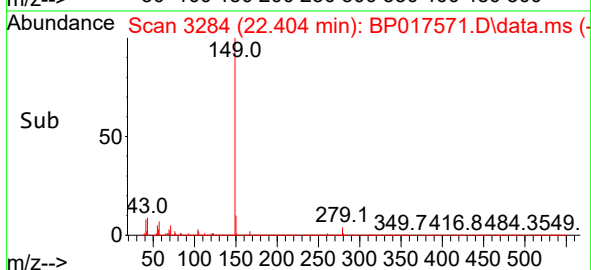
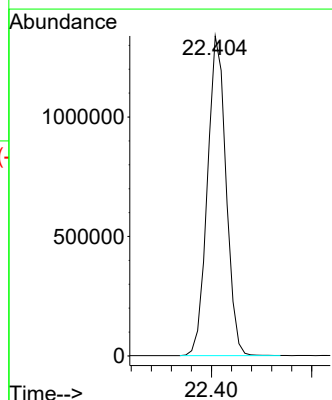
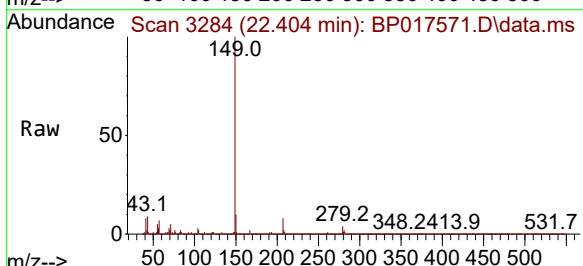
RT: 22.404 min Scan# 3284

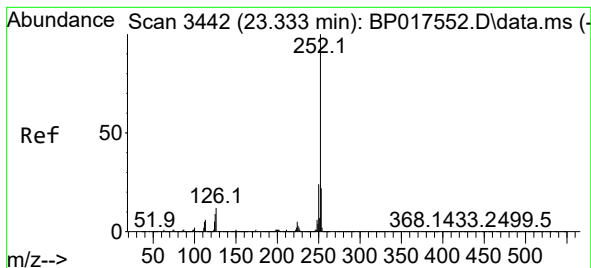
Delta R.T. -0.012 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Tgt Ion:149 Resp: 1728114





#90

Benzo(b)fluoranthene

Concen: 54.311 ng/ul

RT: 23.333 min Scan# 3442

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

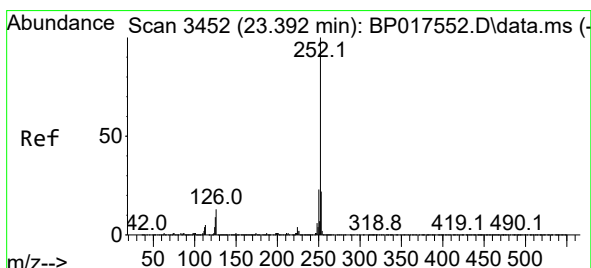
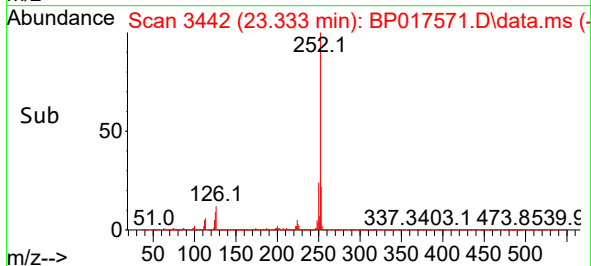
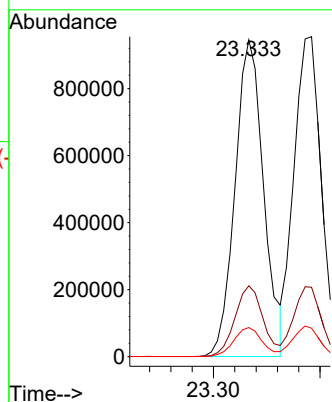
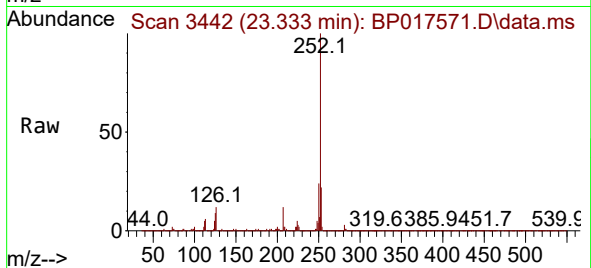
Tgt Ion:252 Resp: 1762676

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 9.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 52.476 ng/ul

RT: 23.392 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

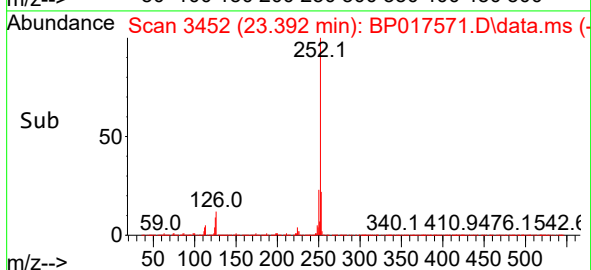
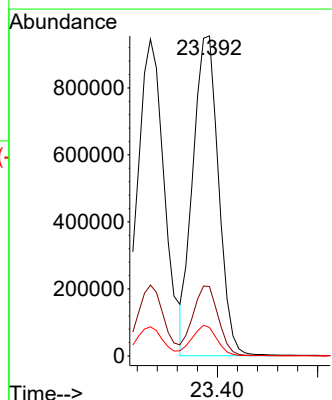
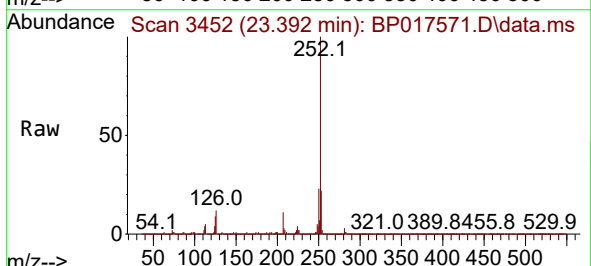
Tgt Ion:252 Resp: 1698056

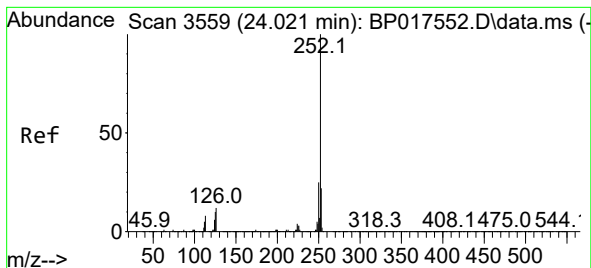
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 50.421 ng/ul

RT: 24.021 min Scan# 3559

Delta R.T. -0.012 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

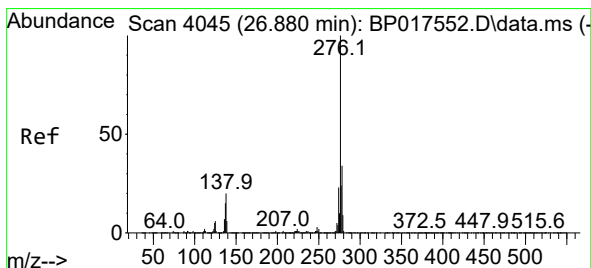
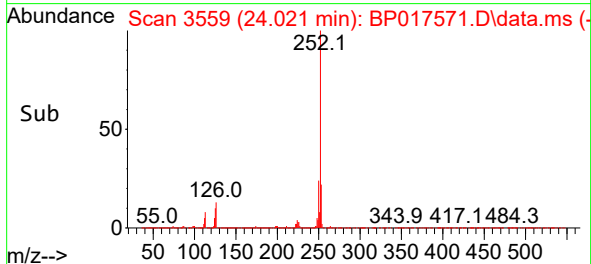
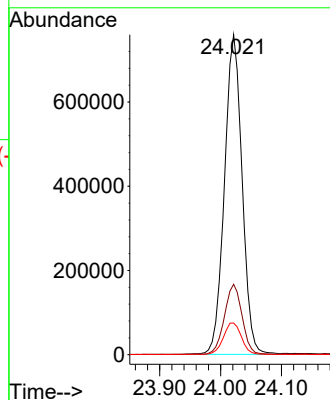
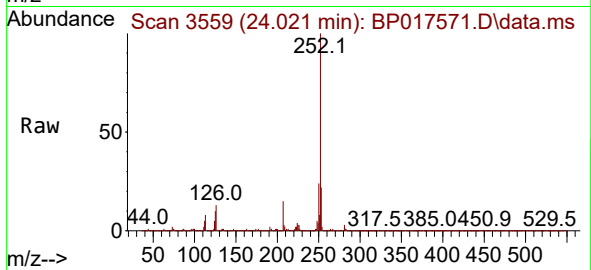
Tgt Ion:252 Resp: 1529817

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.9 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 51.993 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.018 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

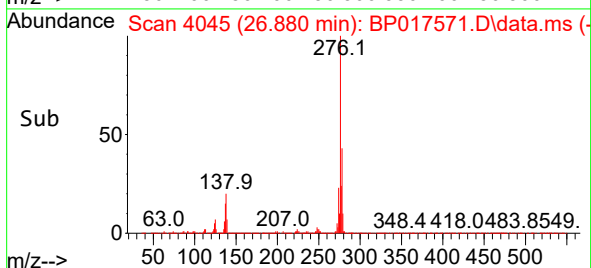
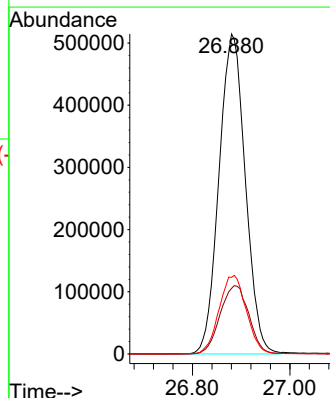
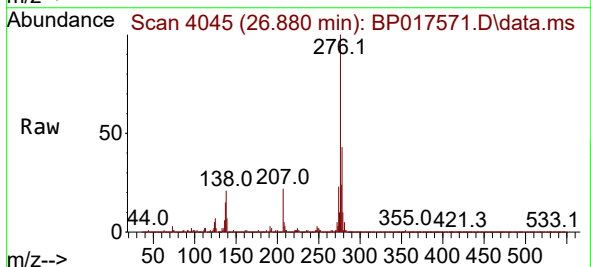
Tgt Ion:276 Resp: 1928507

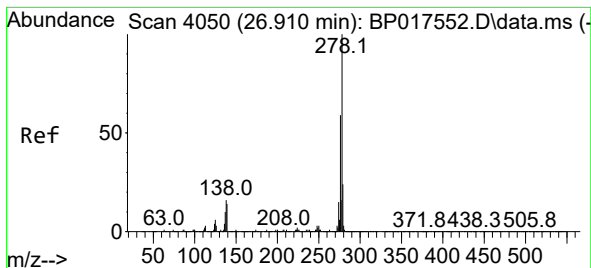
Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

277 23.9 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 52.316 ng/ul

RT: 26.909 min Scan# 4050

Delta R.T. -0.012 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Instrument :

BNA_G

ClientSampleId :

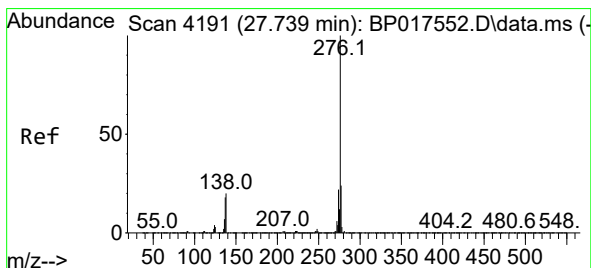
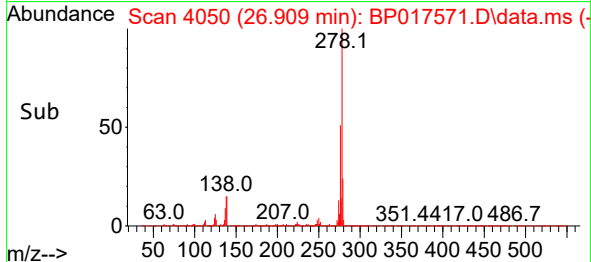
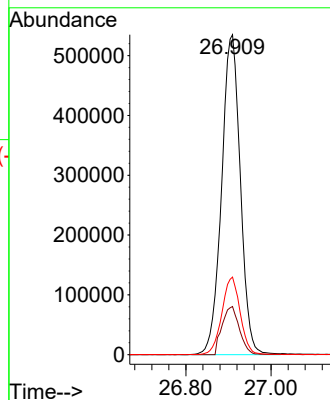
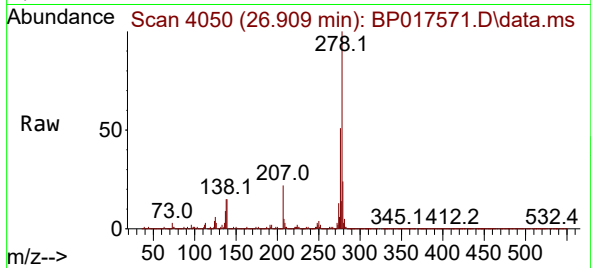
Tgt Ion:278 Resp: 1635098

Ion Ratio Lower Upper

278 100

139 15.0 11.5 17.3

279 24.3 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 52.735 ng/ul

RT: 27.739 min Scan# 4191

Delta R.T. -0.018 min

Lab File: BP017571.D

Acq: 05 Oct 2023 18:14

Tgt Ion:276 Resp: 1569114

Ion Ratio Lower Upper

276 100

138 19.8 16.1 24.1

277 24.4 18.7 28.1

