

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017511.D
 Acq On : 03 Oct 2023 11:33
 Operator : MA/JU
 Sample : PB155906BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS906

Quant Time: Oct 03 23:26:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	124406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	508668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	316239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	724960	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	731365	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	783253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19816	6.543	ng/uL	0.00
4) Pyridine-d5	3.717	84	298356	35.236	ng/u1	0.00
7) Phenol-d5	7.093	99	377988	36.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	220516	35.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	303446	37.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	293200	36.910	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	146983	39.970	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	162201	40.622	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	310426	41.150	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	394921	36.139	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	886256	39.121	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1025541	39.360	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	144114	36.514	ng/u1	0.00
60) Fluorene-d10	15.634	176	783727	40.184	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	128900	31.547	ng/u1	0.00
73) Anthracene-d10	17.528	188	1262014	39.251	ng/u1	0.00
81) Pyrene-d10	19.780	212	1547224	39.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1518536	40.267	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	43298	13.959	ng/uL	92
5) Pyridine	3.740	79	282166	32.099	ng/u1	98
6) Benzaldehyde	7.093	77	211671	40.595	ng/u1	96
8) Phenol	7.122	94	392680	38.211	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.375	93	301433	36.287	ng/u1	95
12) 2-Chlorophenol	7.487	128	314675	38.238	ng/u1	98
13) 2-Methylphenol	8.387	108	287903	37.860	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	246801	23.491	ng/u1	99
16) Acetophenone	8.793	105	472150	38.464	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	243436	39.738	ng/u1	96
18) 4-Methylphenol	8.728	108	317516	38.970	ng/u1	98
19) Hexachloroethane	8.999	117	134303	39.312	ng/u1	99
22) Nitrobenzene	9.187	77	382095	40.949	ng/u1	95
23) Isophorone	9.704	82	682425	40.813	ng/u1	99
25) 2-Nitrophenol	9.893	139	181206	41.880	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	307084	35.621	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	409699	37.957	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	313640	42.168	ng/u1	99
30) Naphthalene	10.828	128	1005240	37.954	ng/u1	99
32) 4-Chloroaniline	10.969	127	370334	35.364	ng/u1	99
33) Hexachlorobutadiene	11.051	225	213754	41.294	ng/u1	98
34) Caprolactam	11.804	113	94412	43.931	ng/u1	94
35) 4-Chloro-3-methylphenol	12.081	107	326616	43.688	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	695735	40.247	ng/u1	99

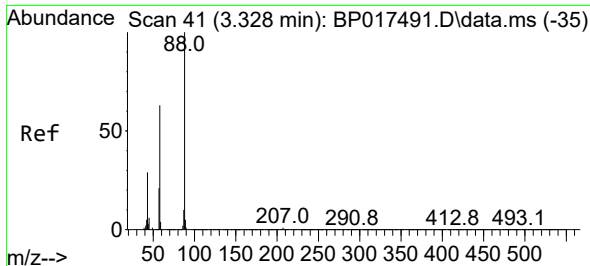
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	685646	38.800	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.793	216	401023	39.514	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	144241	25.114	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	259906	42.220	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	282416	43.788	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	920565	38.368	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	747146	39.278	ng/ul	99
45) 2-Nitroaniline	13.751	65	223776	47.889	ng/ul	98
47) Dimethylphthalate	14.098	163	919750	40.304	ng/ul	99
48) 2,6-Dinitrotoluene	14.245	165	191659	48.354	ng/ul	98
50) Acenaphthylene	14.363	152	1219712	40.033	ng/ul	100
51) 3-Nitroaniline	14.587	138	186880	43.812	ng/ul	97
52) Acenaphthene	14.698	153	795194	39.519	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	57719	23.279	ng/ul	98
55) 4-Nitrophenol	14.892	109	155033	50.280	ng/ul	90
56) Dibenzofuran	15.039	168	1132162	41.087	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	286921	49.143	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	247307	45.190	ng/ul	98
59) Diethylphthalate	15.457	149	938992	42.563	ng/ul	99
61) Fluorene	15.692	166	942506	42.098	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	479688	42.276	ng/ul	99
63) 4-Nitroaniline	15.769	138	192625	50.598	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	144552	32.794	ng/ul	95
67) N-Nitrosodiphenylamine	15.916	169	779426	39.087	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	300096	41.204	ng/ul	98
69) Hexachlorobenzene	16.675	284	353852	41.870	ng/ul	98
70) Atrazine	16.881	200	264307	36.996	ng/ul	99
71) Pentachlorophenol	17.051	266	208731	39.983	ng/ul	100
72) Phenanthrene	17.469	178	1521779	40.078	ng/ul	99
74) Anthracene	17.563	178	1554724	40.401	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	392047	35.236	ng/ul	98
76) Pentachlorobenzene	14.928	250	375223	35.700	ng/ul	98
77) Carbazole	17.851	167	1385984	40.491	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1673241	44.455	ng/ul	99
80) Fluoranthene	19.445	202	1877276	40.700	ng/ul	99
82) Pyrene	19.810	202	1976255	40.304	ng/ul	97
83) Butylbenzylphthalate	20.674	149	787818	45.314	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	567882	35.738	ng/ul	99
85) Benzo(a)anthracene	21.545	228	2005152	40.623	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	1139063	45.367	ng/ul#	98
87) Chrysene	21.604	228	1874465	40.351	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1969972	45.723	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1961942	42.485	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1928933	41.402	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1815317	41.086	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.898	276	2134295	38.538	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	1745439	37.840	ng/ul	98
96) Benzo(g,h,i)perylene	27.751	276	1707472	38.232	ng/ul	98

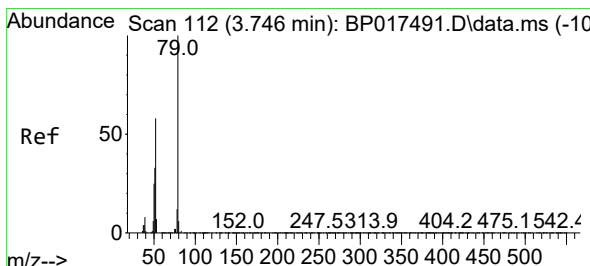
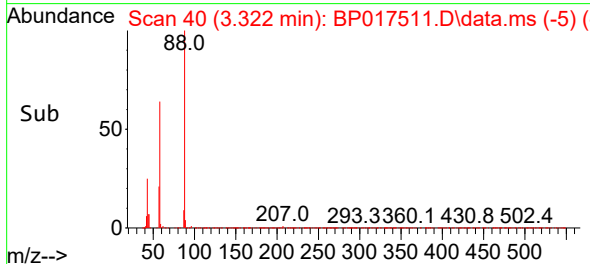
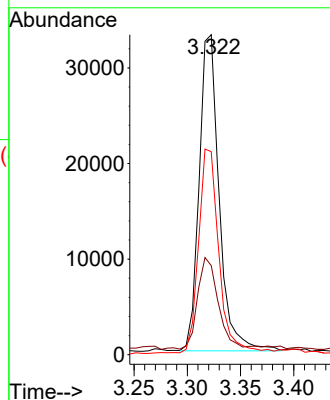
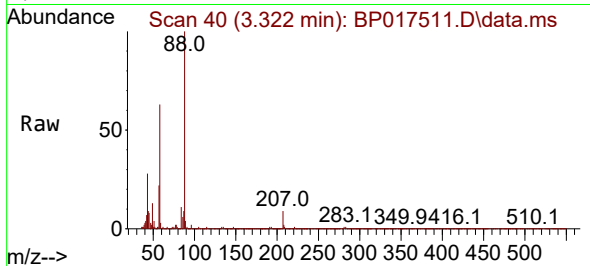
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#2
1,4-Dioxane
Concen: 13.959 ng/uL
RT: 3.322 min Scan# 40
Delta R.T. 0.006 min
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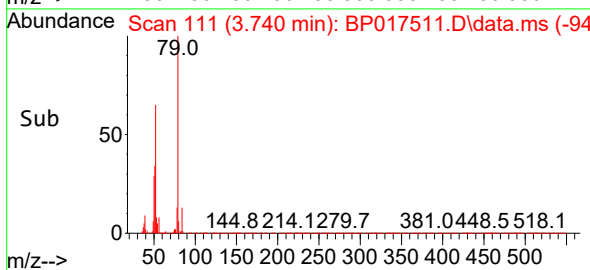
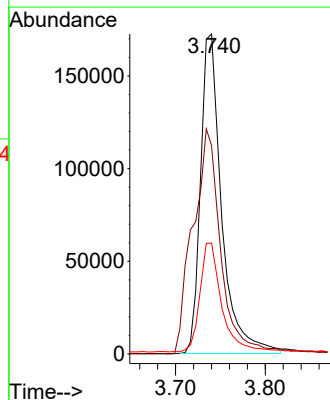
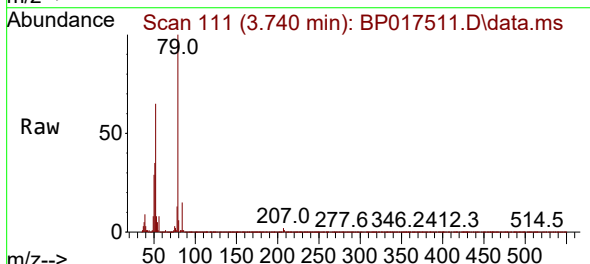
Instrument :
BNA_P
ClientSampleId :
SLCS906

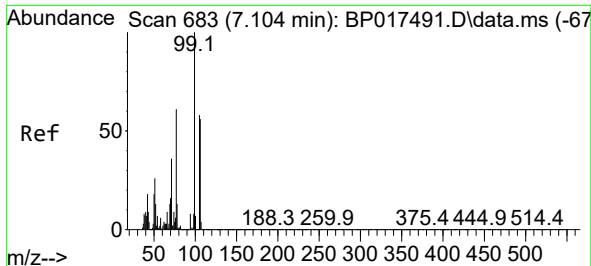
Tgt Ion: 88	Resp: 43298
Ion Ratio	Lower Upper
88 100	
43 27.8	25.0 37.4
58 63.5	56.6 84.8



#5
Pyridine
Concen: 32.099 ng/uL
RT: 3.740 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion: 79	Resp: 282166
Ion Ratio	Lower Upper
79 100	
52 65.1	51.4 77.2
51 34.6	25.4 38.2

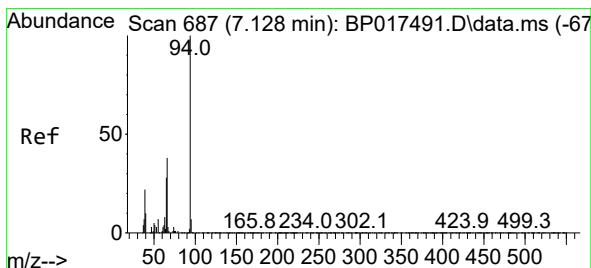
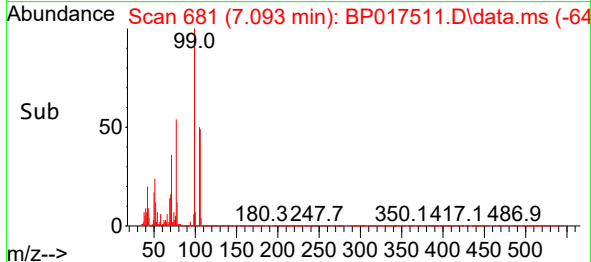
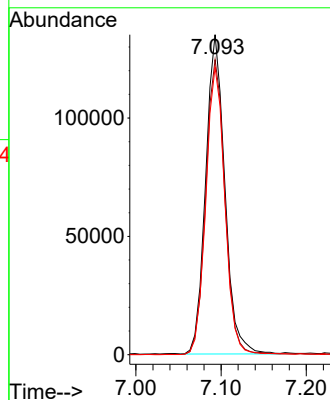
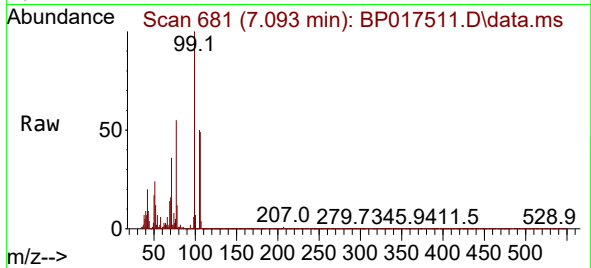




#6
Benzaldehyde
Concen: 40.595 ng/ul
RT: 7.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

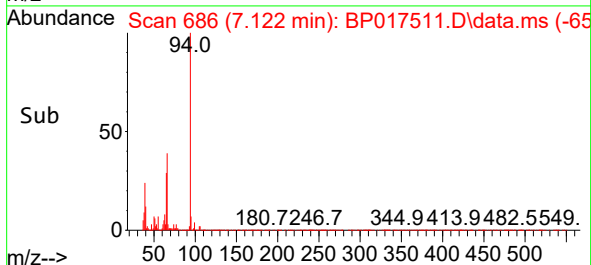
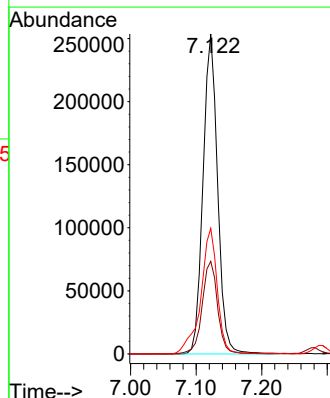
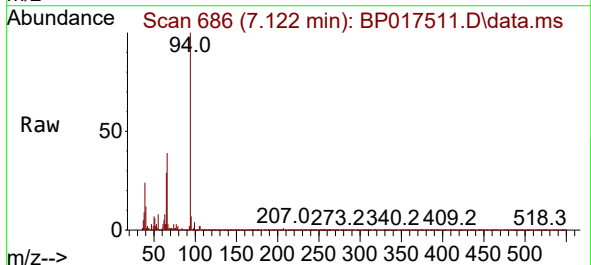
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ClientSampleId :
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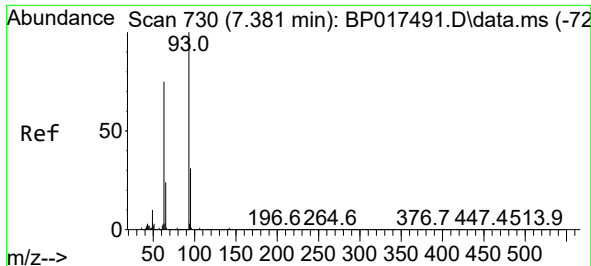
Tgt Ion: 77 Resp: 211671
Ion Ratio Lower Upper
77 100
105 92.2 78.0 117.0
106 89.8 73.2 109.8



#8
Phenol
Concen: 38.211 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion: 94 Resp: 392680
Ion Ratio Lower Upper
94 100
65 28.9 21.4 32.2
66 39.3 28.2 42.2

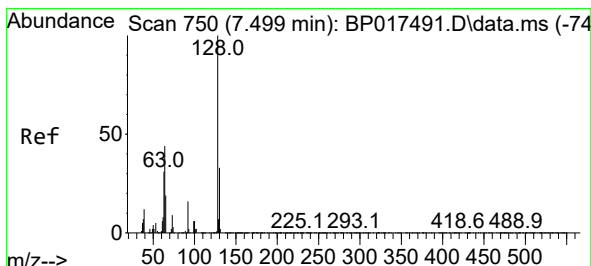
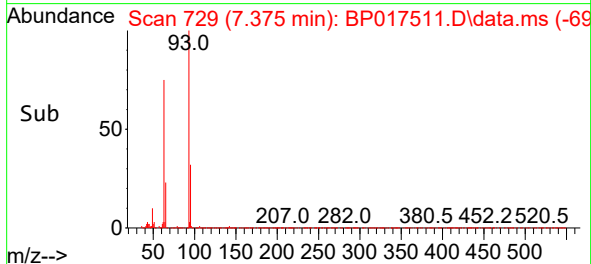
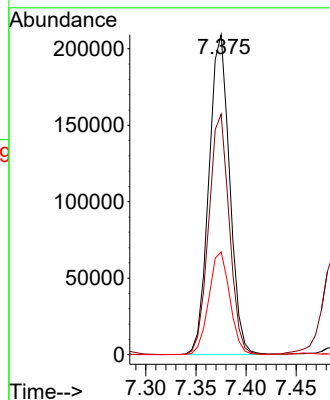
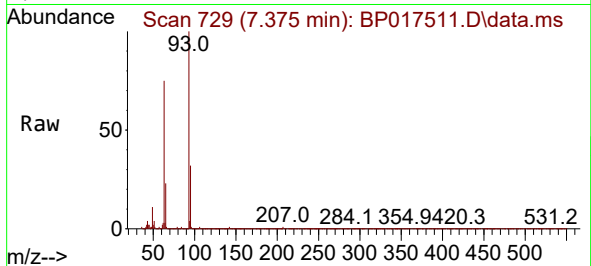




#10
Bis(2-Chloroethyl)ether
Concen: 36.287 ng/ul
RT: 7.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

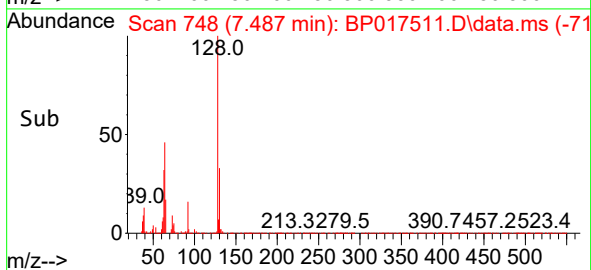
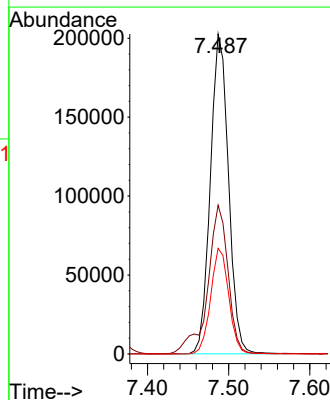
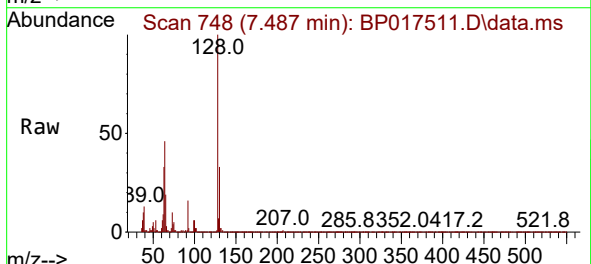
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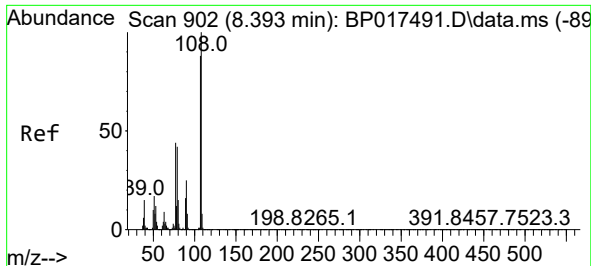
Tgt Ion: 93 Resp: 301433
Ion Ratio Lower Upper
93 100
63 75.2 55.4 83.0
95 32.2 25.1 37.7



#12
2-Chlorophenol
Concen: 38.238 ng/ul
RT: 7.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:128 Resp: 314675
Ion Ratio Lower Upper
128 100
64 46.5 35.8 53.8
130 33.0 25.6 38.4

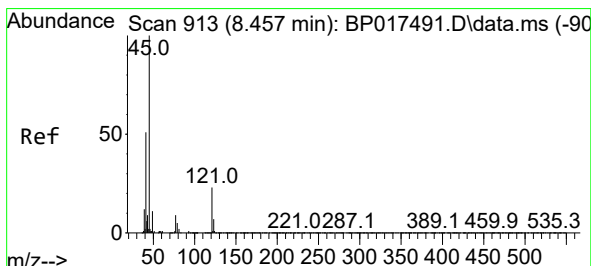
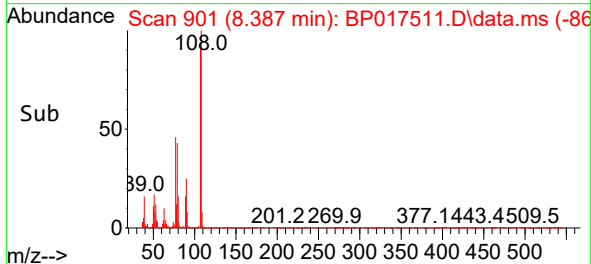
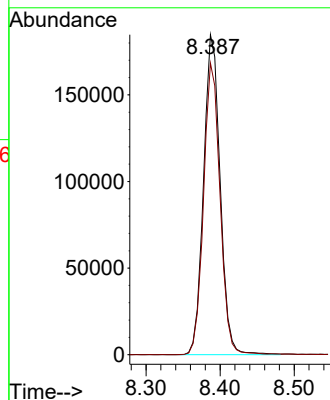
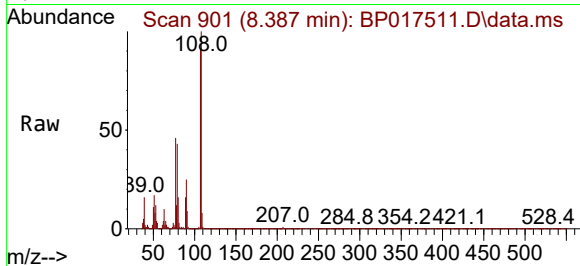




#13
2-Methylphenol
Concen: 37.860 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

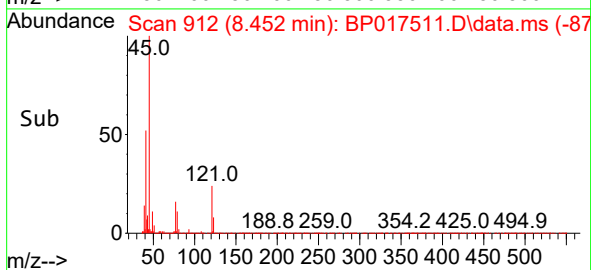
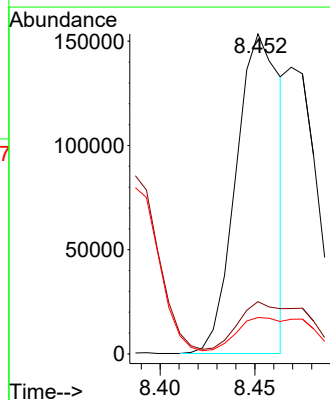
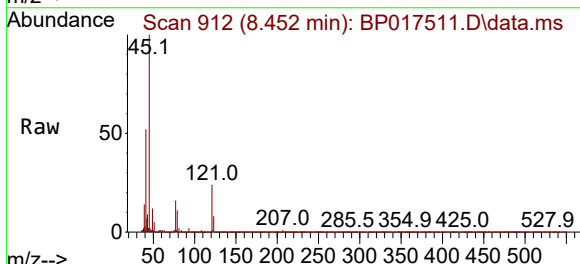
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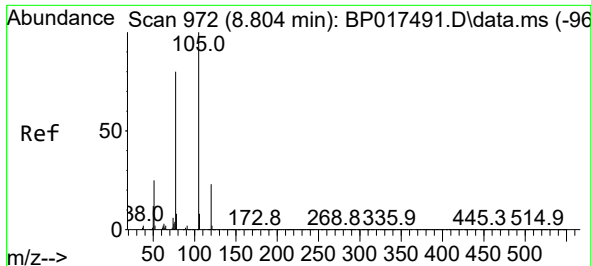
Tgt Ion:108 Resp: 287903
Ion Ratio Lower Upper
108 100
107 91.1 73.5 110.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.491 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion: 45 Resp: 246801
Ion Ratio Lower Upper
45 100
77 16.4 13.3 19.9
79 11.4 9.4 14.2

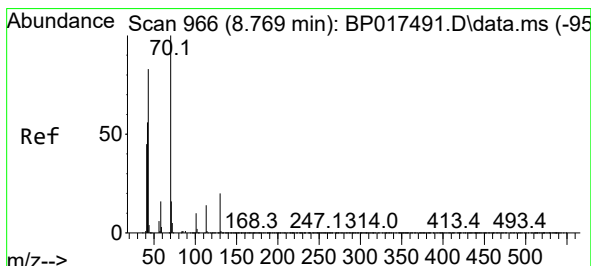
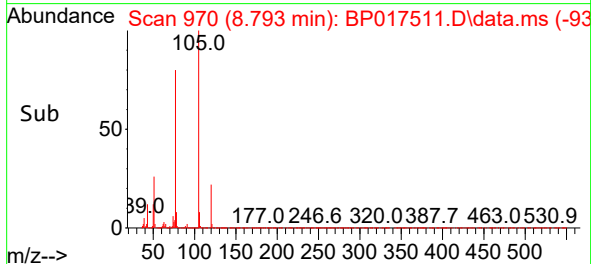
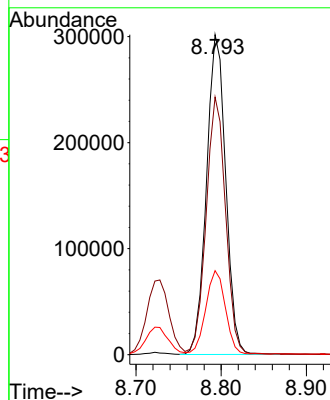
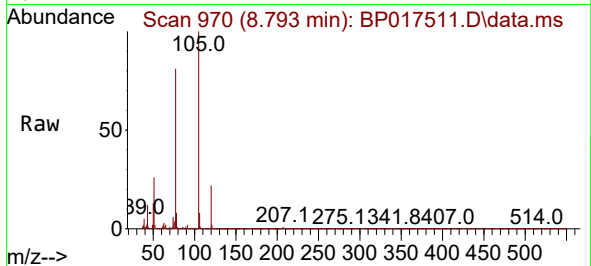




#16
Acetophenone
Concen: 38.464 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

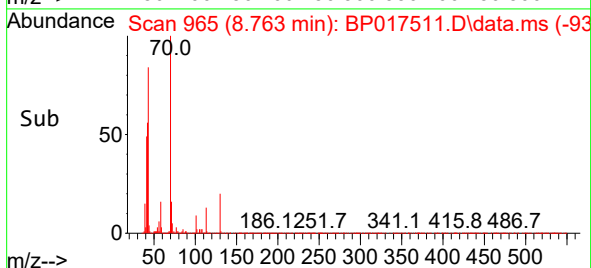
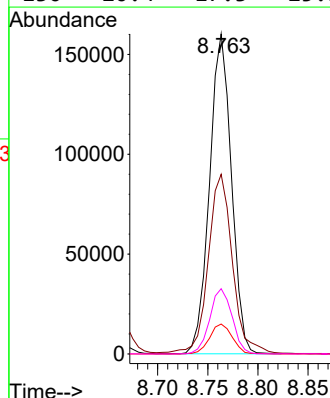
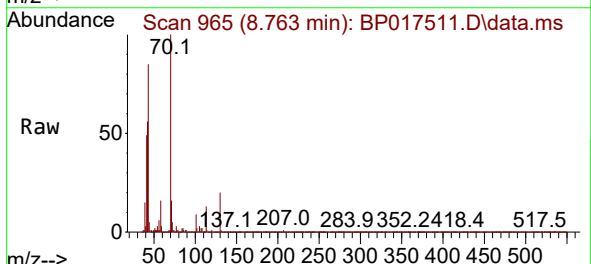
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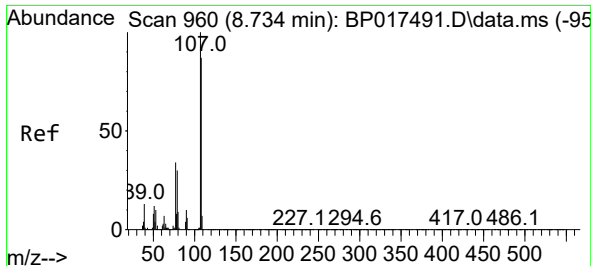
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Ion Ratio Lower Upper
105 100
77 80.5 63.6 95.4
51 26.3 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 39.738 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion: 70 Resp: 243436
Ion Ratio Lower Upper
70 100
42 56.1 42.3 63.5
101 9.3 7.5 11.3
130 20.4 17.3 25.9

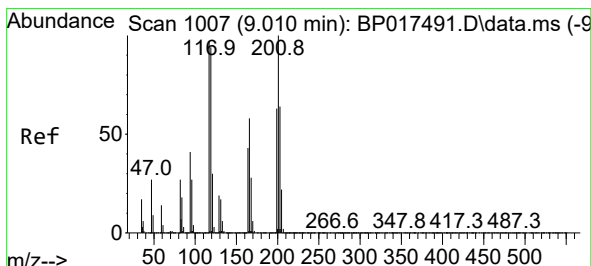
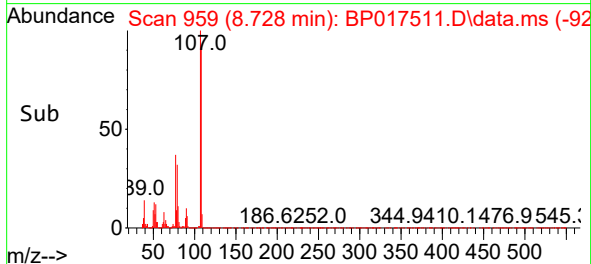
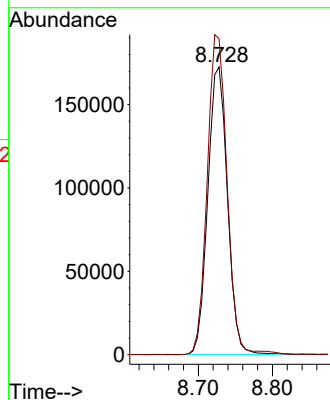
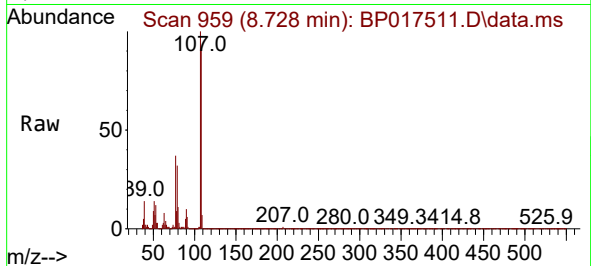




#18
4-Methylphenol
Concen: 38.970 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

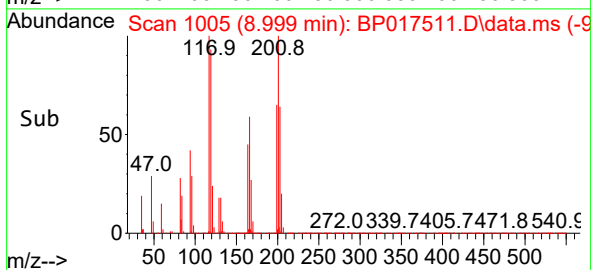
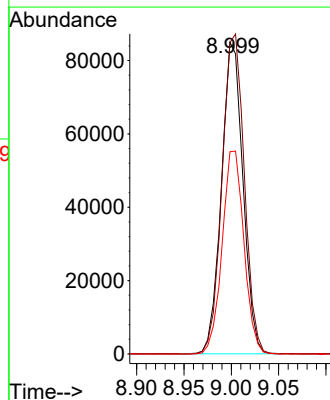
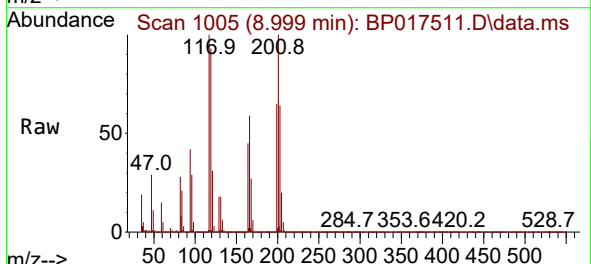
Instrument :
BNA_P
ClientSampleId :
SLCS906

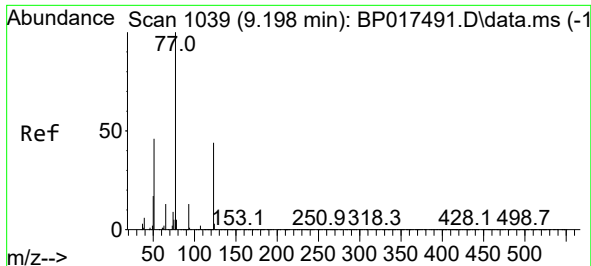
Tgt Ion:108 Resp: 317516
Ion Ratio Lower Upper
108 100
107 109.9 90.0 135.0



#19
Hexachloroethane
Concen: 39.312 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:117 Resp: 134303
Ion Ratio Lower Upper
117 100
201 99.9 81.4 122.0
199 64.9 52.4 78.6

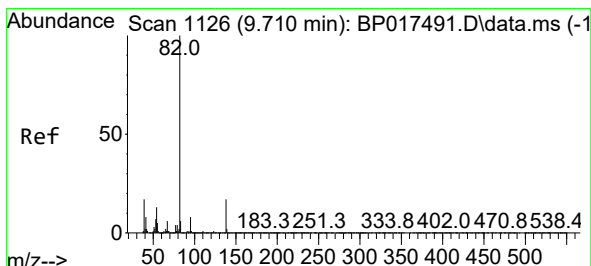
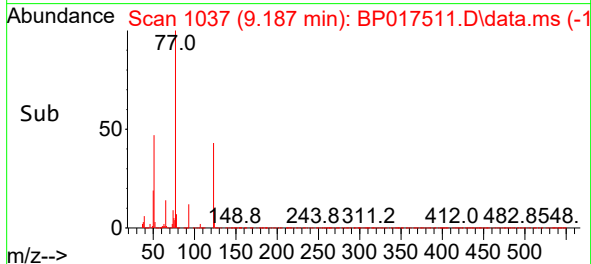
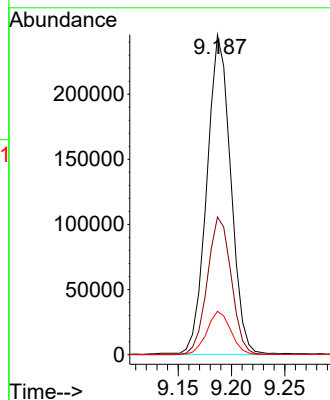
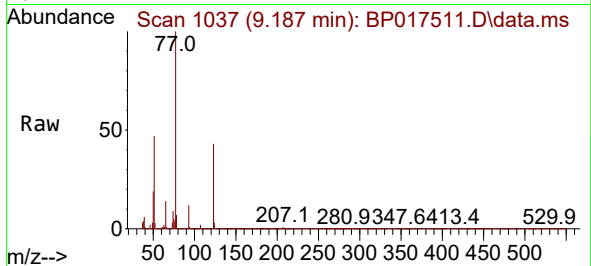




#22
Nitrobenzene
Concen: 40.949 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

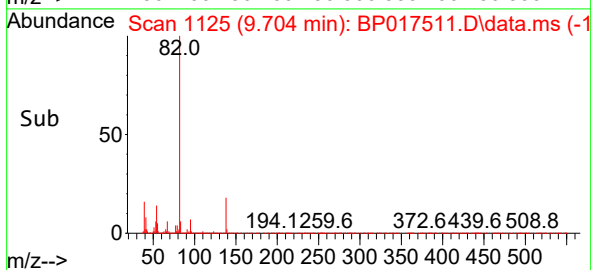
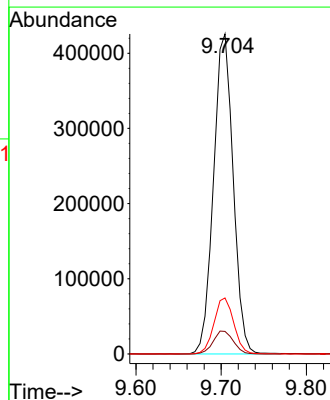
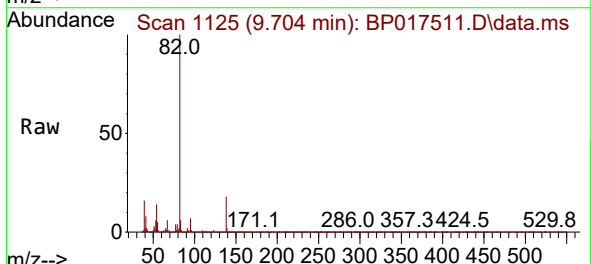
Instrument :
BNA_P
ClientSampleId :
SLCS906

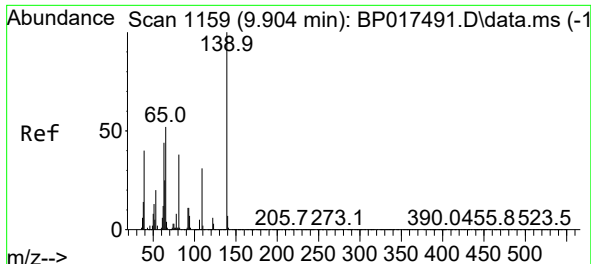
Tgt Ion: 77 Resp: 382095
Ion Ratio Lower Upper
77 100
123 43.0 37.4 56.0
65 13.5 9.8 14.6



#23
Isophorone
Concen: 40.813 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion: 82 Resp: 682425
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 14.2 21.4

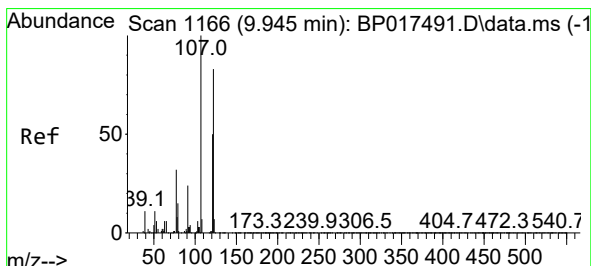
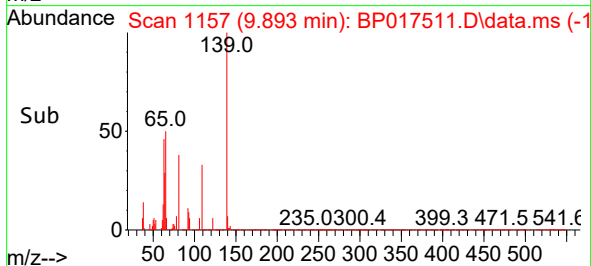
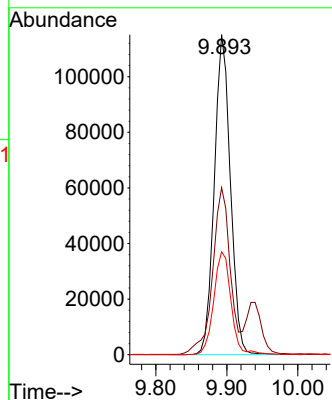
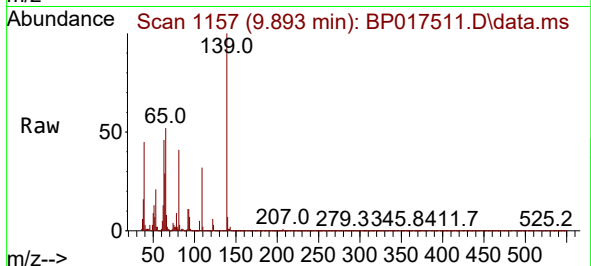




#25
2-Nitrophenol
Concen: 41.880 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

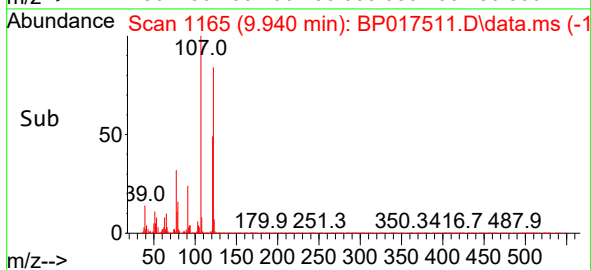
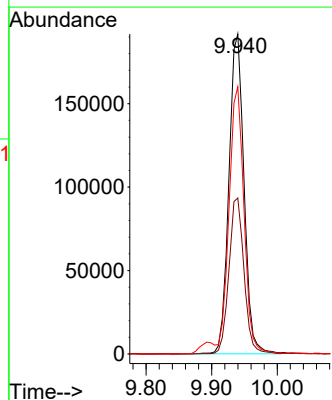
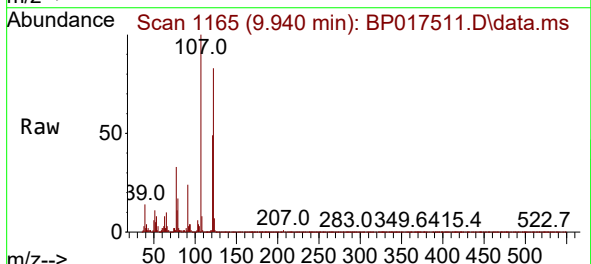
Instrument :
BNA_P
ClientSampleId :
SLCS906

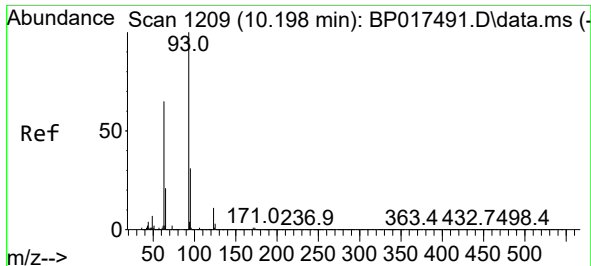
Tgt Ion:139 Resp: 181206
Ion Ratio Lower Upper
139 100
65 52.2 40.6 60.8
109 32.2 24.2 36.4



#26
2,4-Dimethylphenol
Concen: 35.621 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:107 Resp: 307084
Ion Ratio Lower Upper
107 100
121 48.8 41.1 61.7
122 83.5 69.4 104.0





#27

Bis(2-Chloroethoxy)methane

Concen: 37.957 ng/ul

RT: 10.193 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

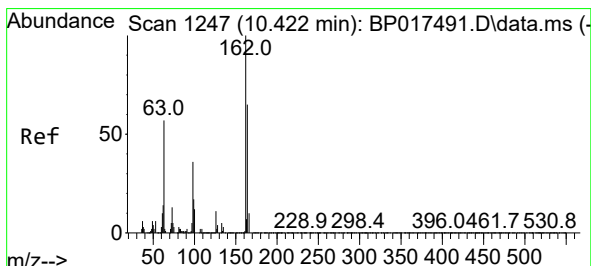
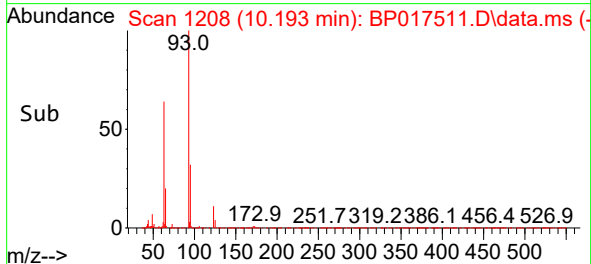
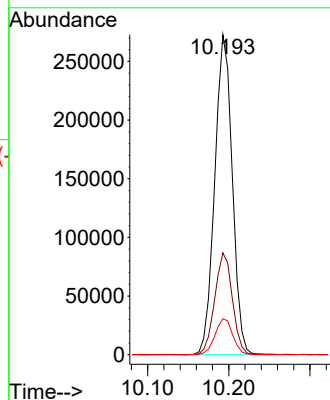
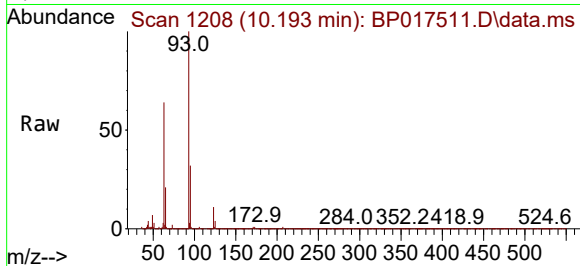
Tgt Ion: 93 Resp: 409699

Ion Ratio Lower Upper

93 100

95 31.8 24.9 37.3

123 11.2 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 42.168 ng/ul

RT: 10.422 min Scan# 1247

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

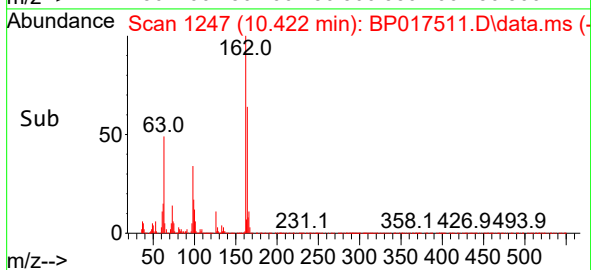
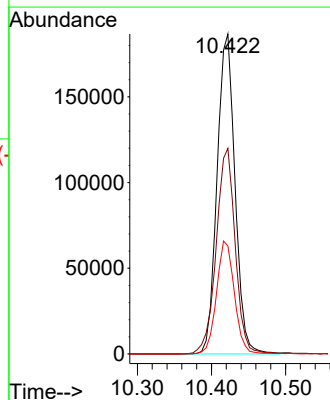
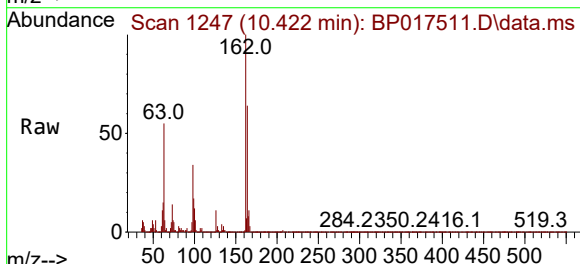
Tgt Ion:162 Resp: 313640

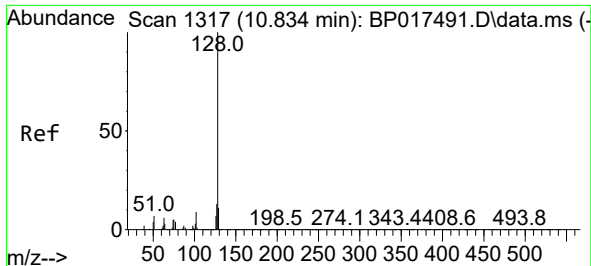
Ion Ratio Lower Upper

162 100

164 64.2 52.6 78.8

98 33.7 27.0 40.4

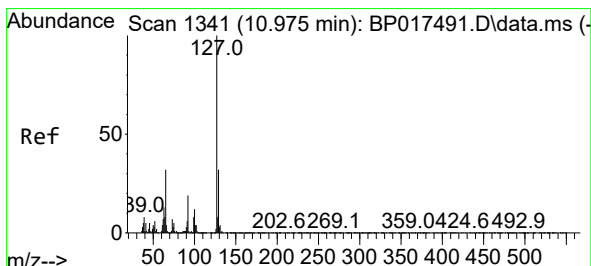
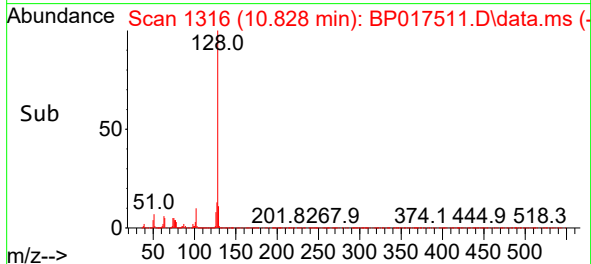
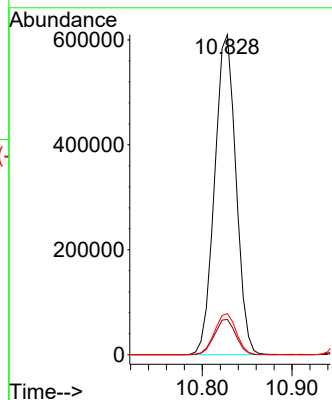
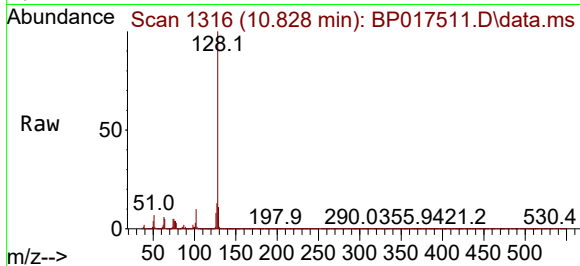




#30
Naphthalene
Concen: 37.954 ng/ul
RT: 10.828 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

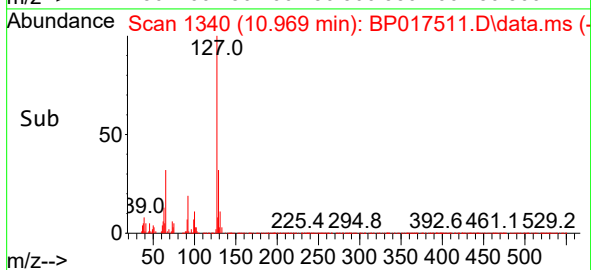
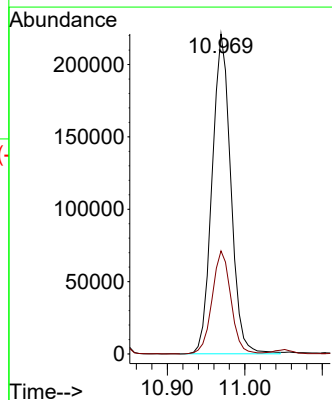
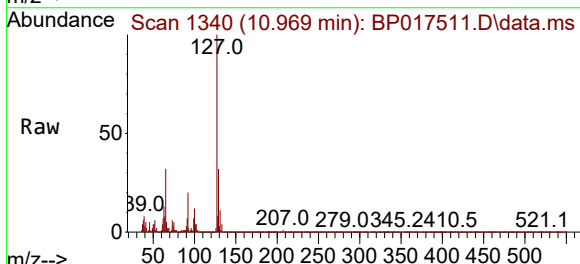
Instrument :
BNA_P
ClientSampleId :
SLCS906

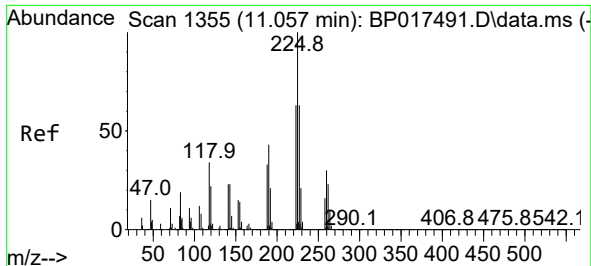
Tgt Ion:128 Resp: 1005240
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.6 15.8



#32
4-Chloroaniline
Concen: 35.364 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:127 Resp: 370334
Ion Ratio Lower Upper
127 100
129 32.2 25.1 37.7

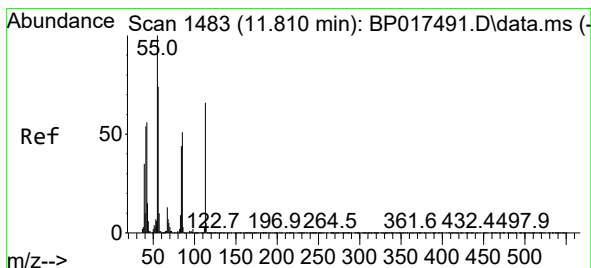
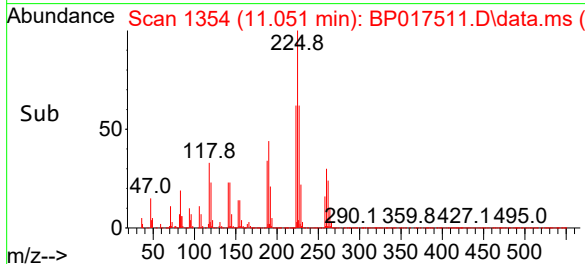
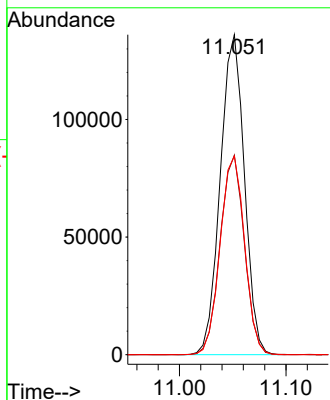
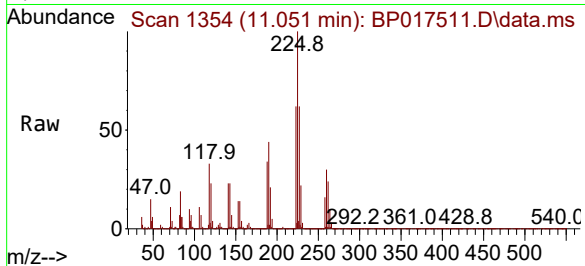




#33
Hexachlorobutadiene
Concen: 41.294 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

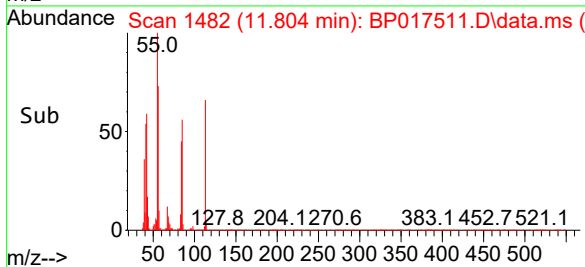
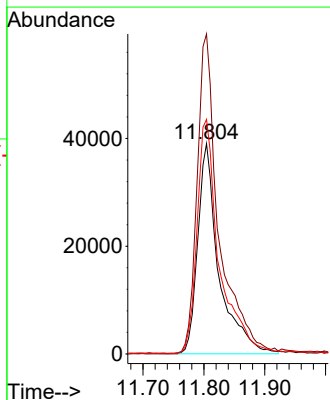
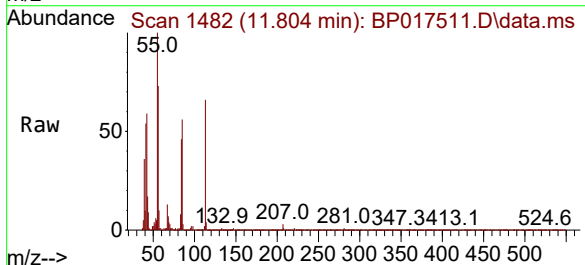
Instrument :
BNA_P
ClientSampleId :
SLCS906

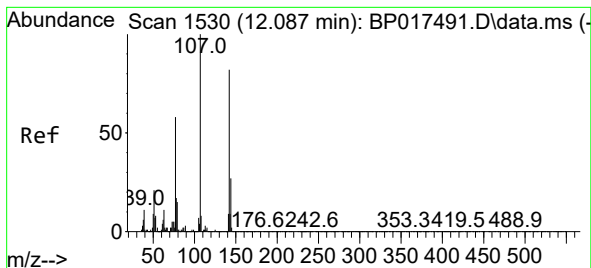
Tgt Ion:225 Resp: 213754
Ion Ratio Lower Upper
225 100
223 62.3 48.2 72.2
227 62.1 50.2 75.4



#34
Caprolactam
Concen: 43.931 ng/ul
RT: 11.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:113 Resp: 94412
Ion Ratio Lower Upper
113 100
55 152.1 127.4 191.0
56 111.5 94.5 141.7

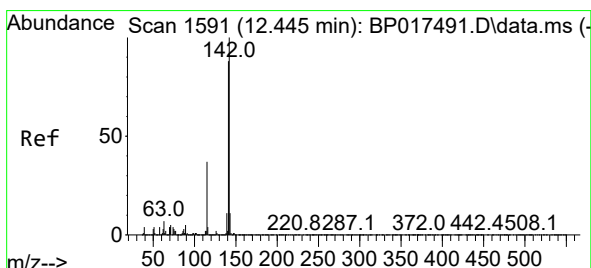
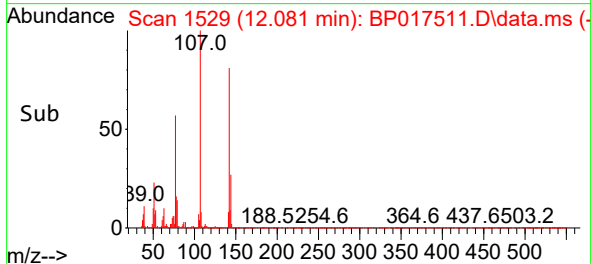
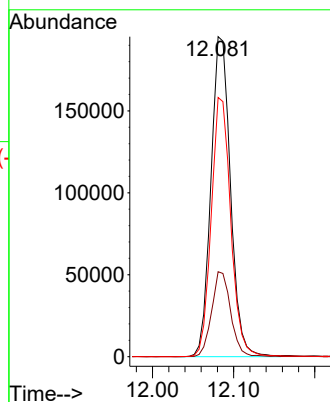
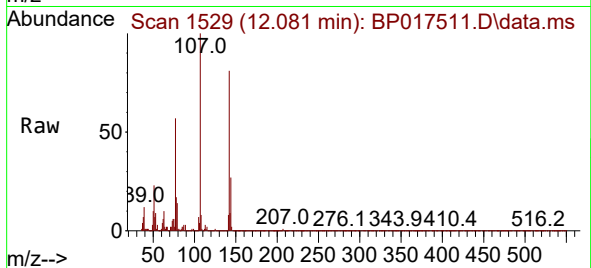




#35
4-Chloro-3-methylphenol
Concen: 43.688 ng/ul
RT: 12.081 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

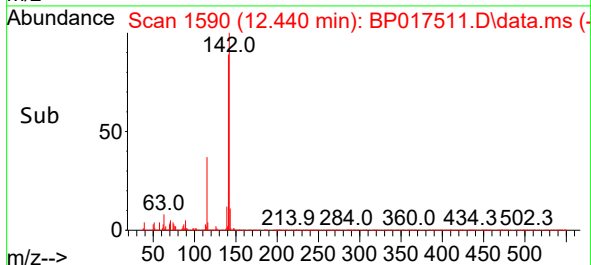
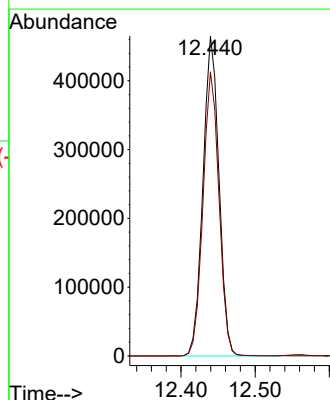
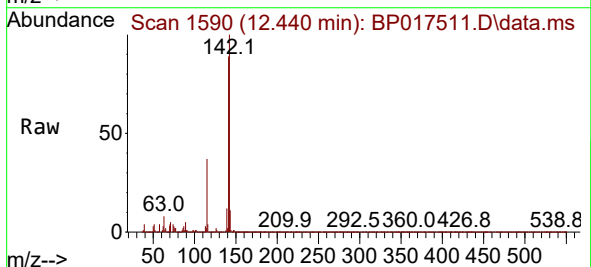
Instrument :
BNA_P
ClientSampleId :
SLCS906

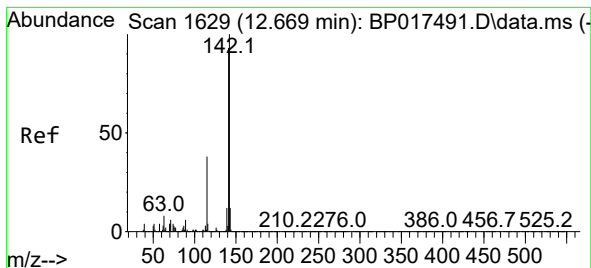
Tgt Ion:107 Resp: 326616
Ion Ratio Lower Upper
107 100
144 26.5 20.6 31.0
142 81.0 62.9 94.3



#36
2-Methylnaphthalene
Concen: 40.247 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:142 Resp: 695735
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#37

1-Methylnaphthalene

Concen: 38.800 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

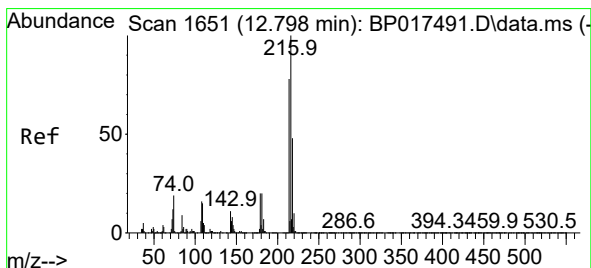
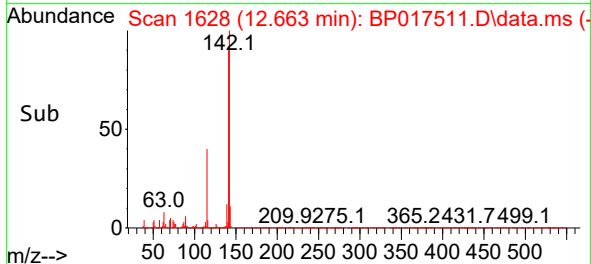
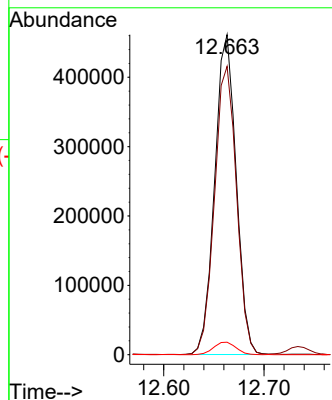
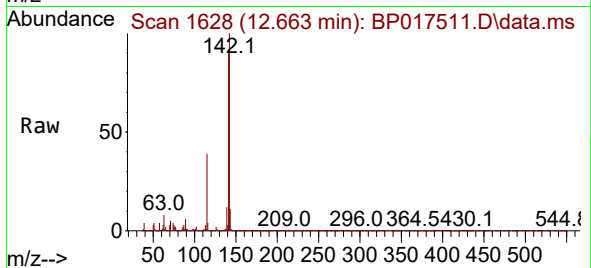
Tgt Ion:142 Resp: 685646

Ion Ratio Lower Upper

142 100

141 90.1 73.4 110.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.514 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Tgt Ion:216 Resp: 401023

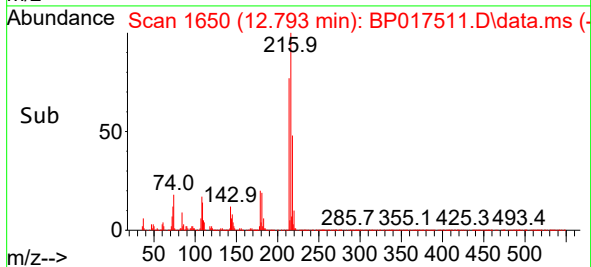
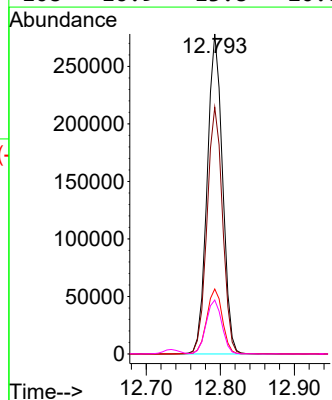
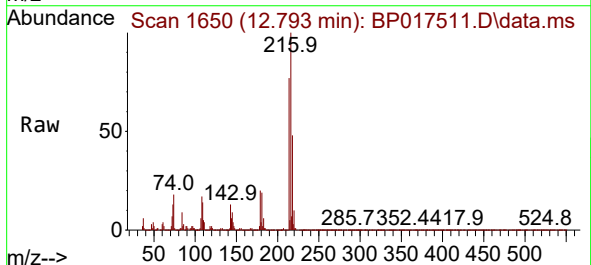
Ion Ratio Lower Upper

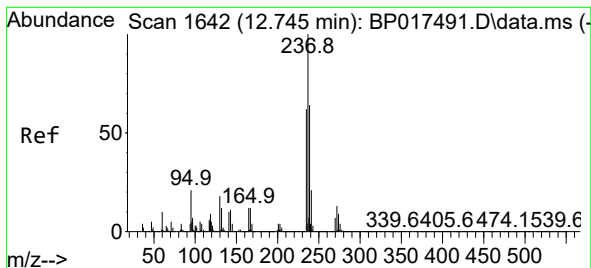
216 100

214 77.1 62.3 93.5

179 20.3 16.4 24.6

108 16.9 13.8 20.8

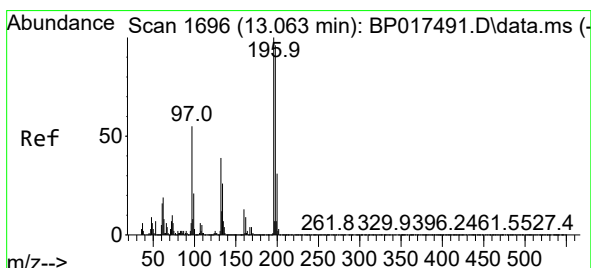
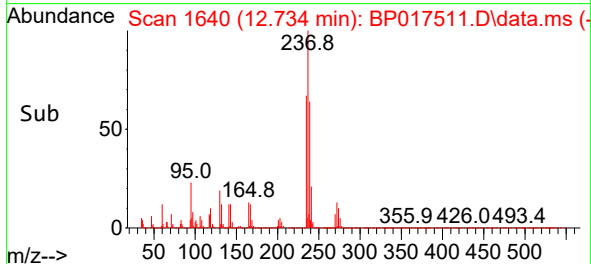
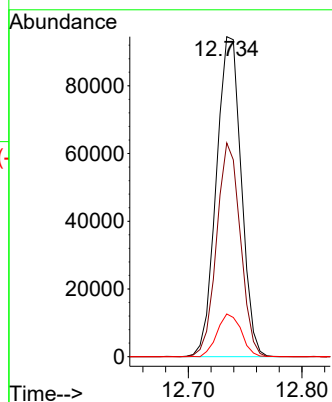
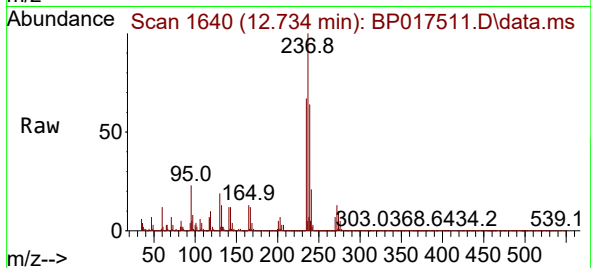




#40
Hexachlorocyclopentadiene
Concen: 25.114 ng/ul
RT: 12.734 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

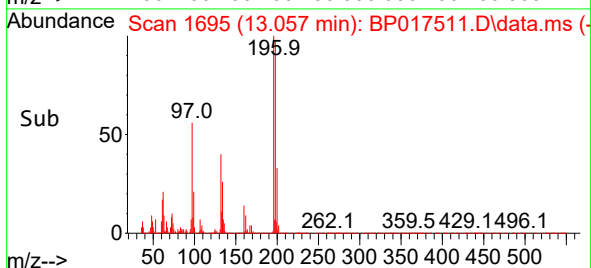
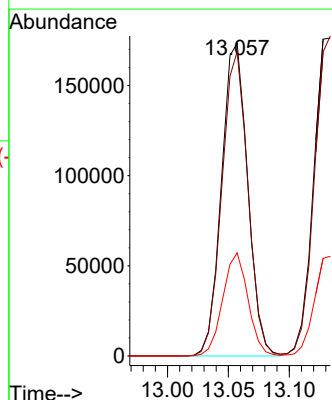
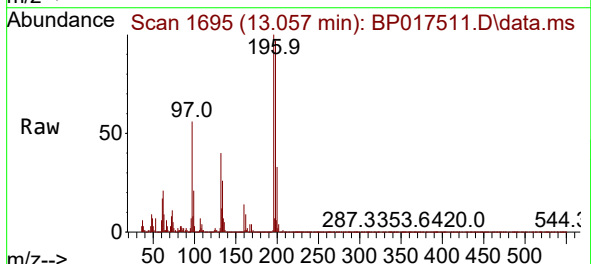
Instrument :
BNA_P
ClientSampleId :
SLCS906

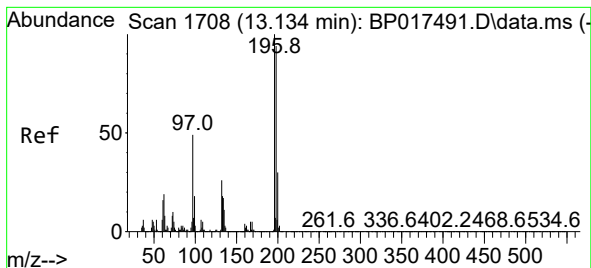
Tgt Ion:237 Resp: 144241
Ion Ratio Lower Upper
237 100
235 66.8 52.8 79.2
272 13.3 9.8 14.6



#41
2,4,6-Trichlorophenol
Concen: 42.220 ng/ul
RT: 13.057 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:196 Resp: 259906
Ion Ratio Lower Upper
196 100
198 97.3 76.2 114.2
200 33.0 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 43.788 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

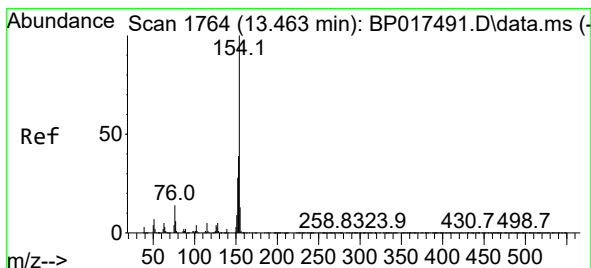
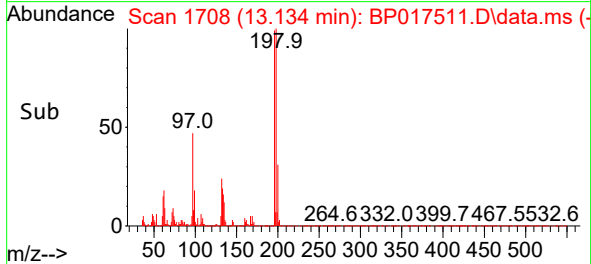
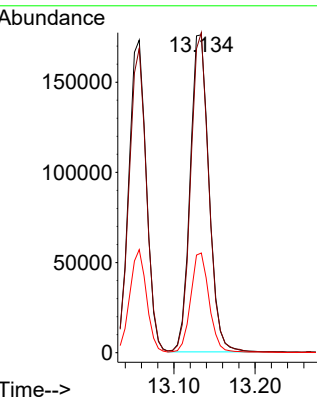
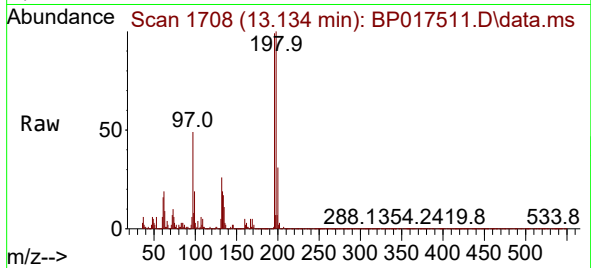
Tgt Ion:196 Resp: 282416

Ion Ratio Lower Upper

196 100

198 100.7 77.4 116.0

200 31.4 24.3 36.5



#43

1,1'-Biphenyl

Concen: 38.368 ng/ul

RT: 13.457 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

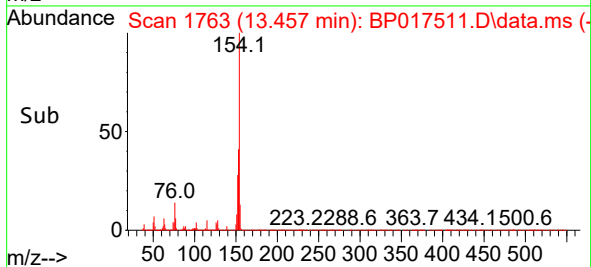
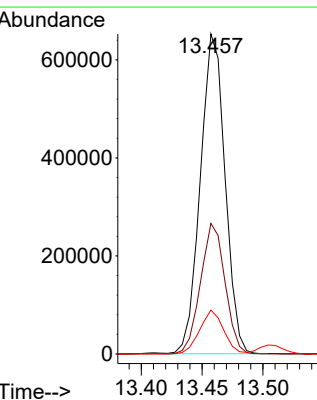
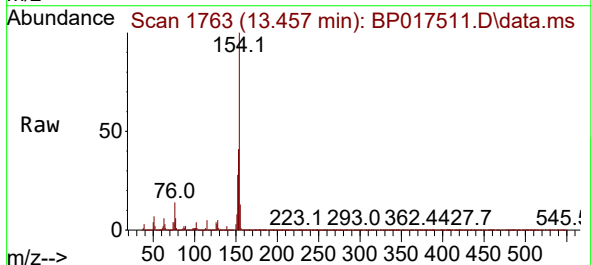
Tgt Ion:154 Resp: 920565

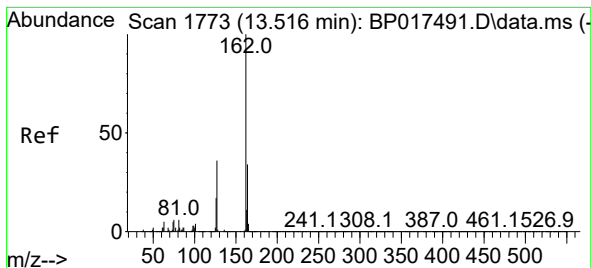
Ion Ratio Lower Upper

154 100

153 40.8 31.5 47.3

76 13.7 11.0 16.6





#44

2-Chloronaphthalene

Concen: 39.278 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

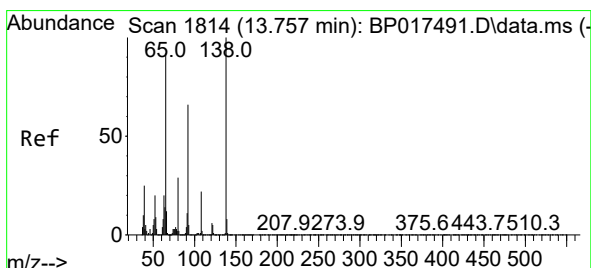
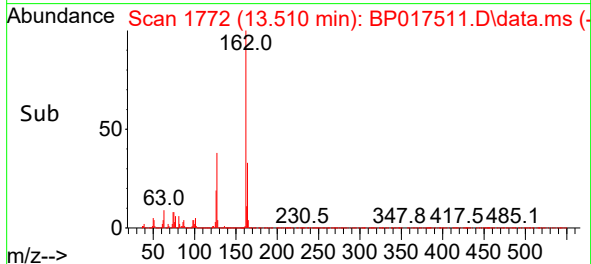
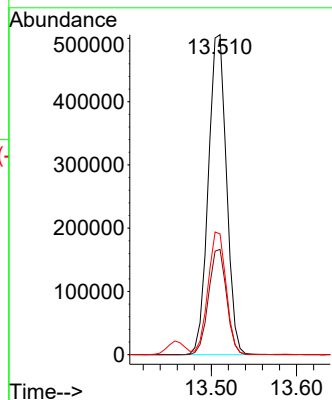
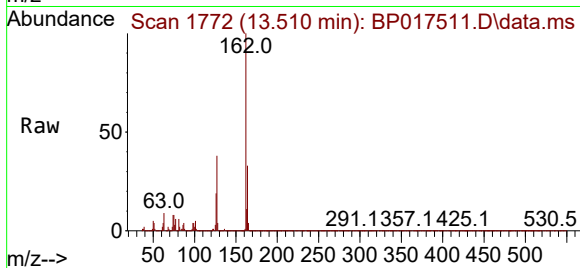
Tgt Ion:162 Resp: 747146

Ion Ratio Lower Upper

162 100

164 32.9 26.8 40.2

127 37.7 30.7 46.1



#45

2-Nitroaniline

Concen: 47.889 ng/ul

RT: 13.751 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

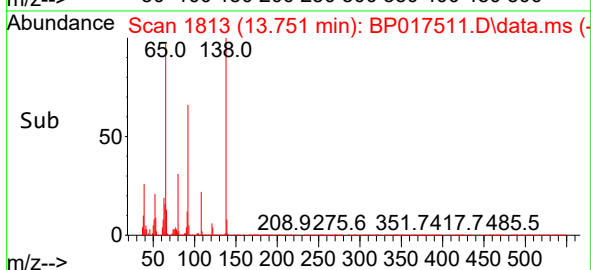
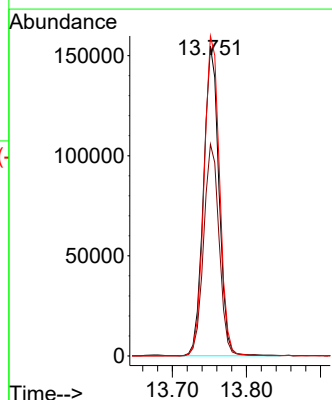
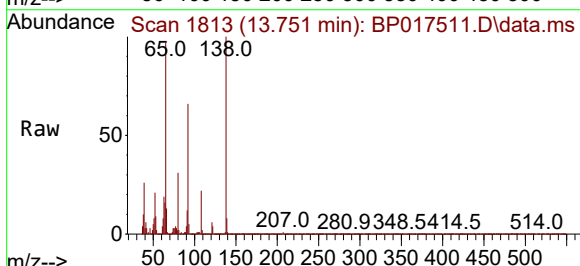
Tgt Ion: 65 Resp: 223776

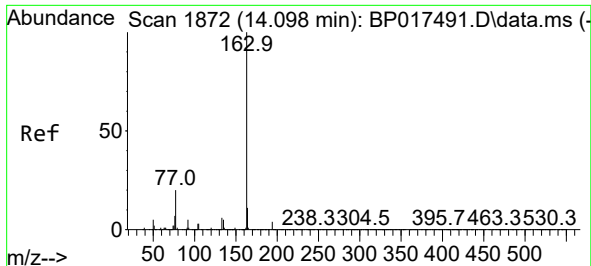
Ion Ratio Lower Upper

65 100

92 68.3 57.7 86.5

138 103.3 83.5 125.3

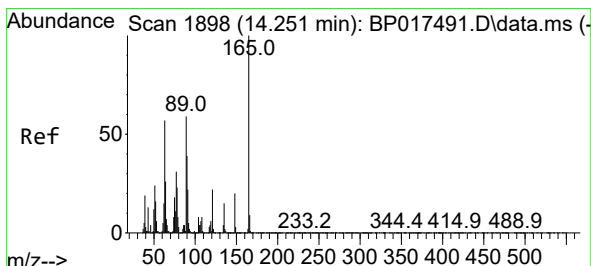
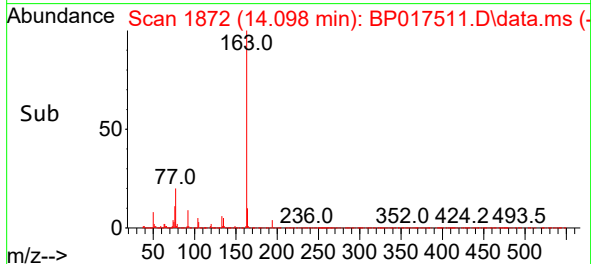
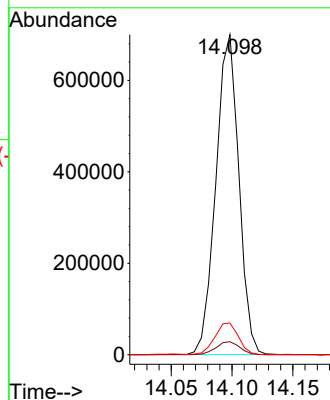
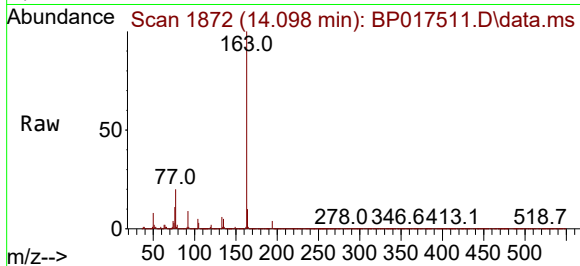




#47
Dimethylphthalate
Concen: 40.304 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

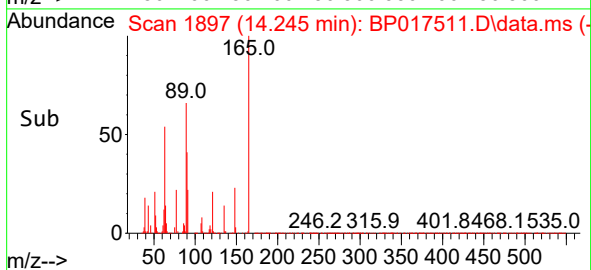
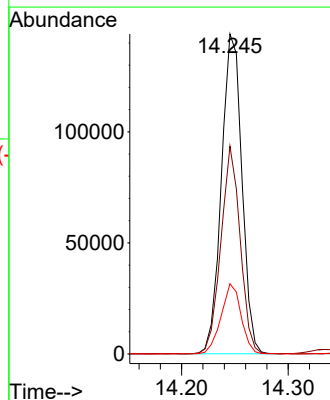
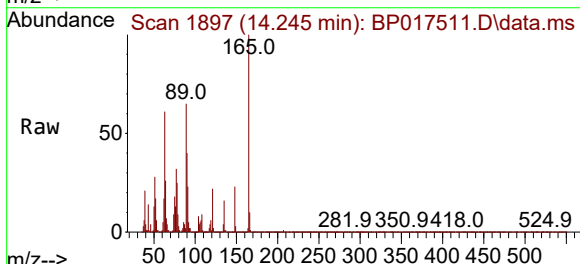
Instrument :
BNA_P
ClientSampleId :
SLCS906

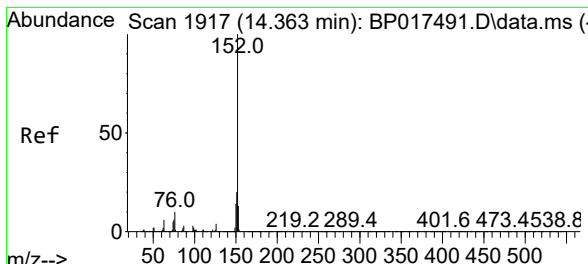
Tgt Ion:163 Resp: 919750
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 7.5 11.3



#48
2,6-Dinitrotoluene
Concen: 48.354 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:165 Resp: 191659
Ion Ratio Lower Upper
165 100
89 65.0 51.7 77.5
121 22.0 19.7 29.5



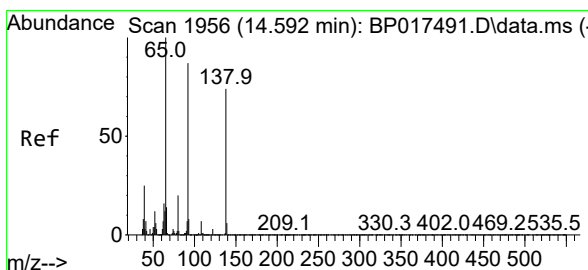
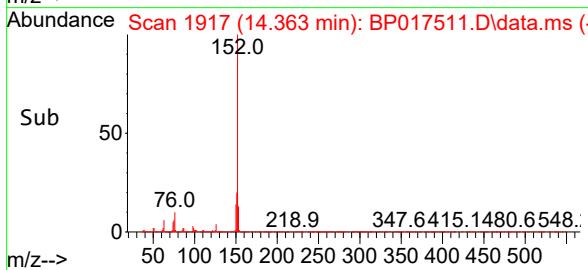
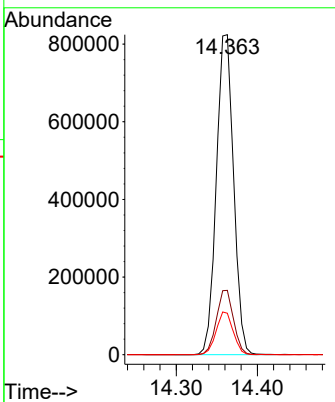
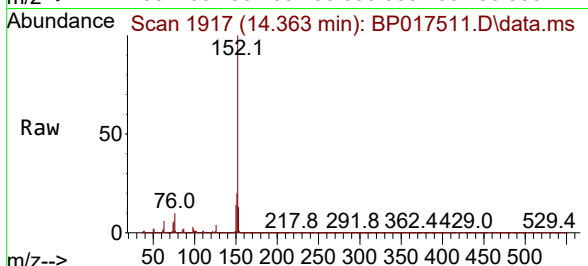


#50
 Acenaphthylene
 Concen: 40.033 ng/ul
 RT: 14.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BP017511.D
 Acq: 03 Oct 2023 11:33

Instrument :
 BNA_P
 ClientSampleId :
 SLCS906

Tgt Ion:152 Resp: 1219712

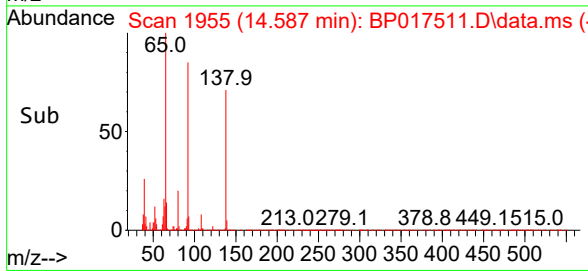
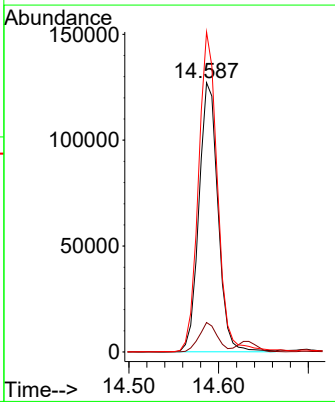
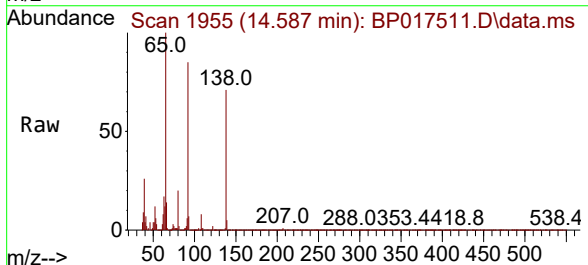
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	12.9	10.4	15.6

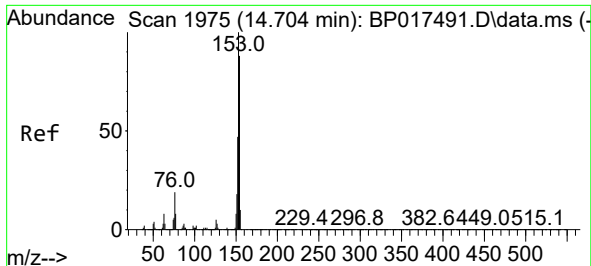


#51
 3-Nitroaniline
 Concen: 43.812 ng/ul
 RT: 14.587 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: BP017511.D
 Acq: 03 Oct 2023 11:33

Tgt Ion:138 Resp: 186880

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.4
92	118.8	97.4	146.0

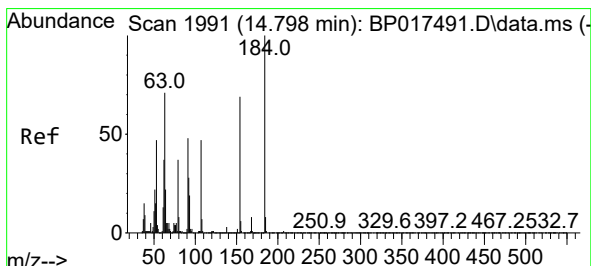
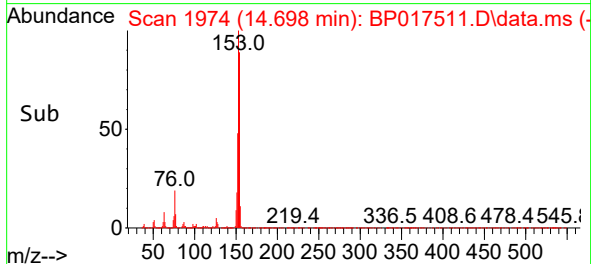
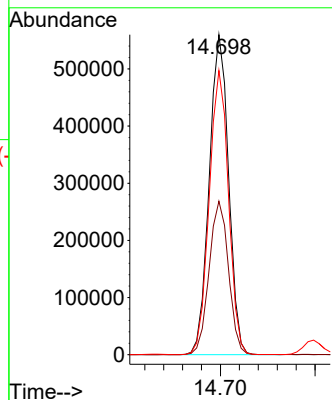
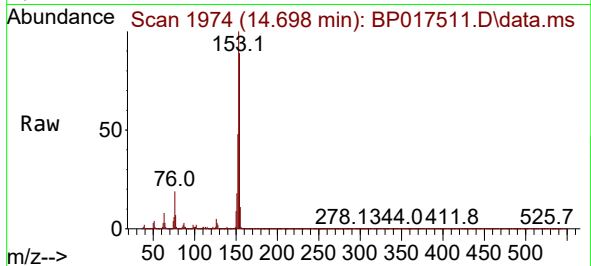




#52
Acenaphthene
Concen: 39.519 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

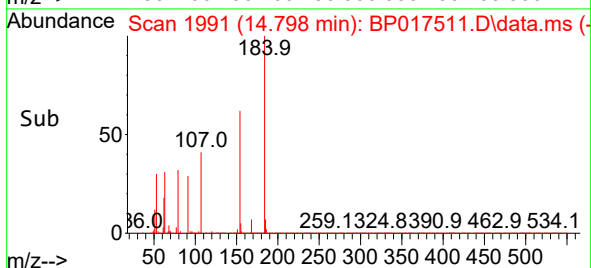
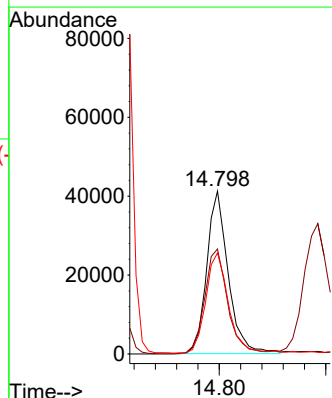
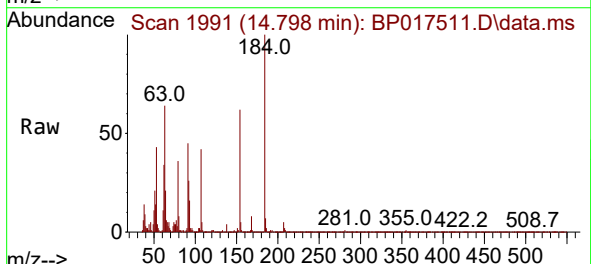
Instrument :
BNA_P
ClientSampleId :
SLCS906

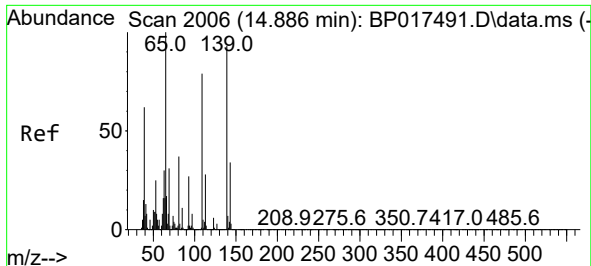
Tgt Ion:153 Resp: 795194
Ion Ratio Lower Upper
153 100
152 47.9 38.0 57.0
154 88.8 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 23.279 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:184 Resp: 57719
Ion Ratio Lower Upper
184 100
63 64.4 53.2 79.8
154 61.9 48.9 73.3

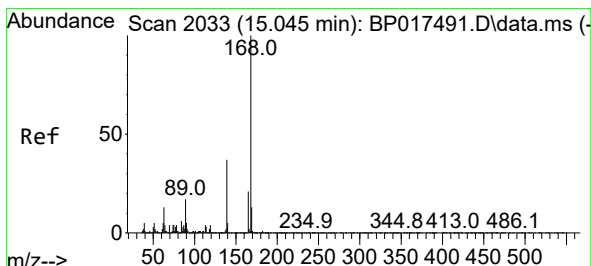
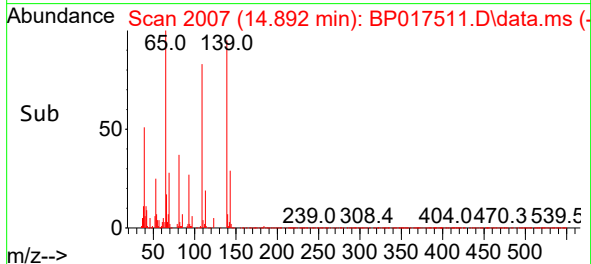
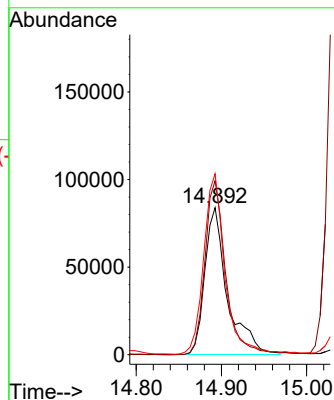
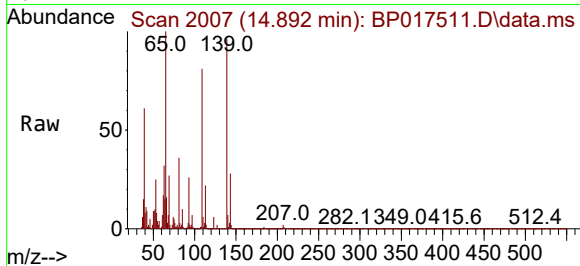




#55
4-Nitrophenol
Concen: 50.280 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

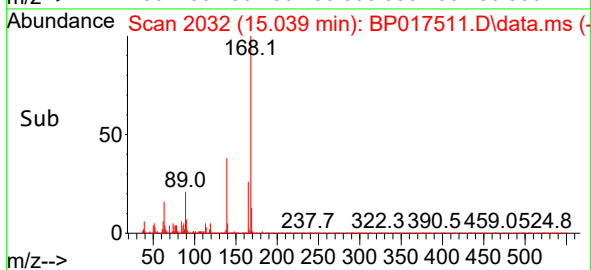
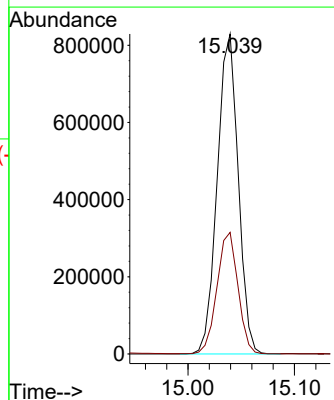
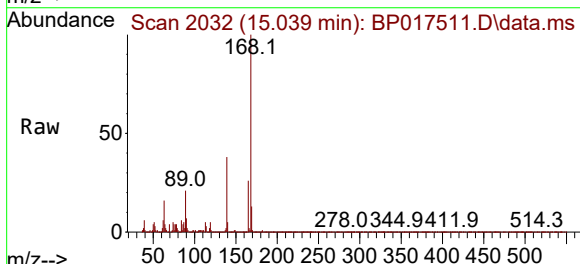
Instrument :
BNA_P
ClientSampleId :
SLCS906

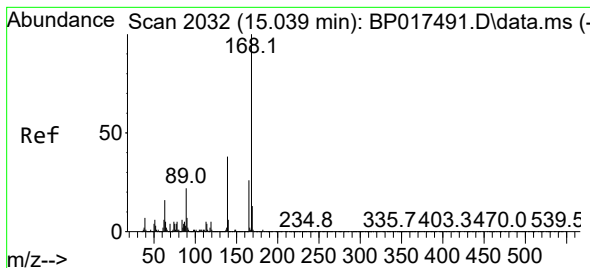
Tgt Ion:109 Resp: 155033
Ion Ratio Lower Upper
109 100
139 118.2 105.7 158.5
65 123.0 105.4 158.0



#56
Dibenzofuran
Concen: 41.087 ng/ul
RT: 15.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:168 Resp: 1132162
Ion Ratio Lower Upper
168 100
139 38.0 30.6 45.8

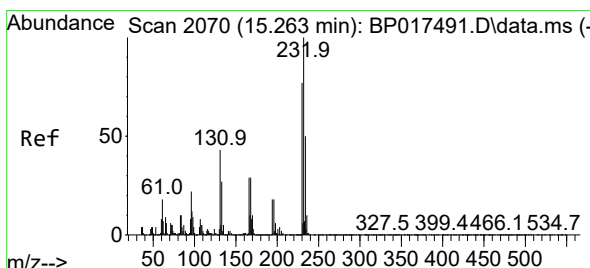
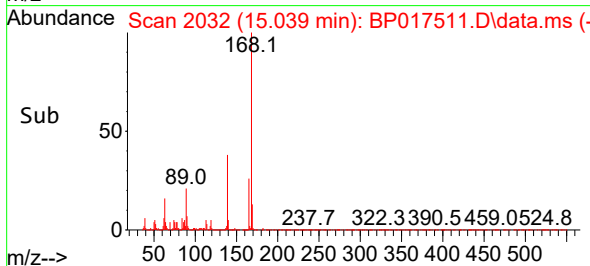
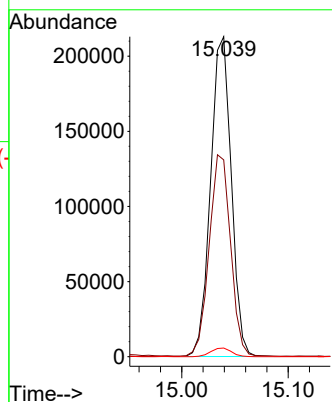
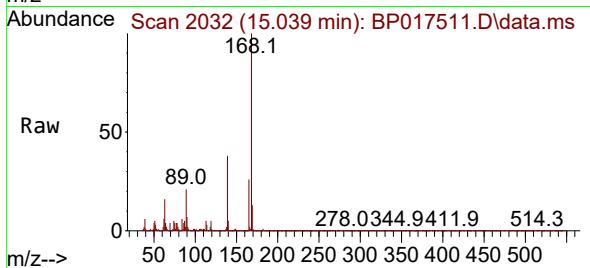




#57
2,4-Dinitrotoluene
Concen: 49.143 ng/ul
RT: 15.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

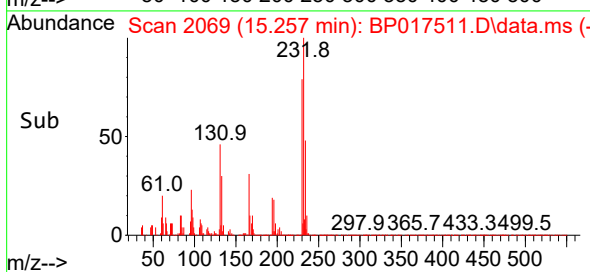
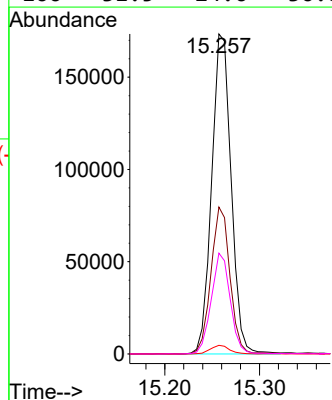
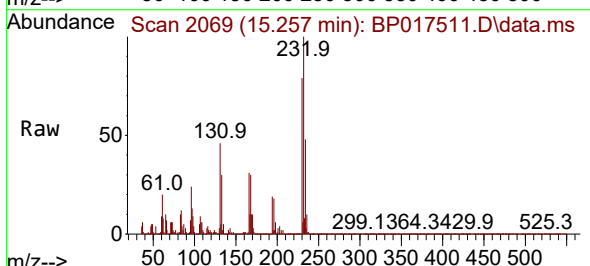
Instrument :
BNA_P
ClientSampleId :
SLCS906

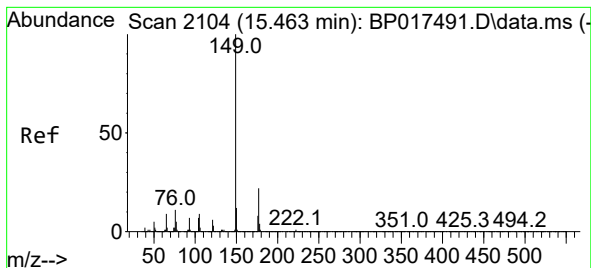
Tgt Ion:165 Resp: 286921
Ion Ratio Lower Upper
165 100
63 61.5 45.6 68.4
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.190 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:232 Resp: 247307
Ion Ratio Lower Upper
232 100
131 45.9 38.4 57.6
130 2.7 2.0 3.0
166 31.5 24.6 36.8





#59

Diethylphthalate

Concen: 42.563 ng/ul

RT: 15.457 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

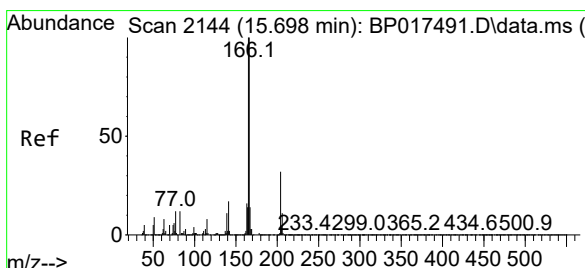
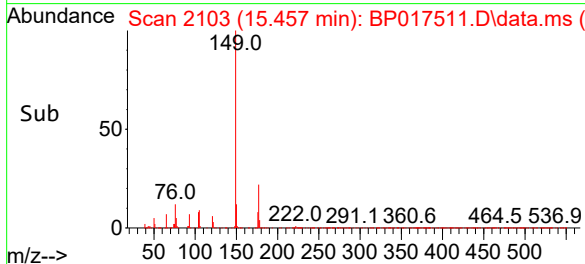
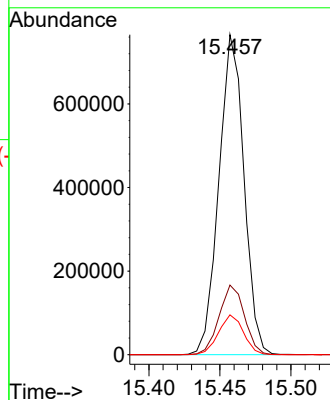
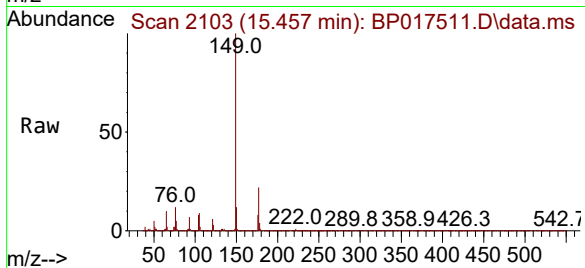
Tgt Ion:149 Resp: 938992

Ion Ratio Lower Upper

149 100

177 21.8 17.0 25.6

150 12.5 9.8 14.6



#61

Fluorene

Concen: 42.098 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

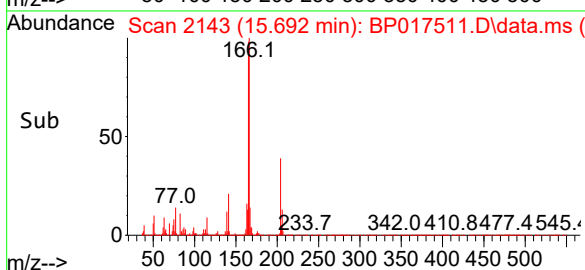
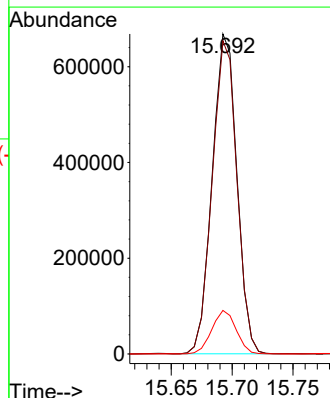
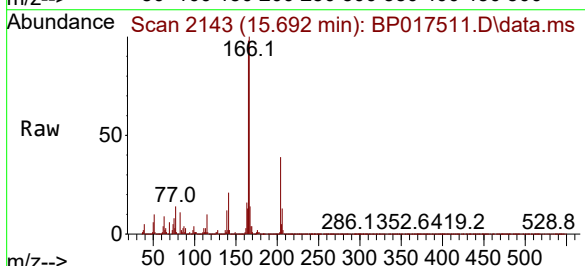
Tgt Ion:166 Resp: 942506

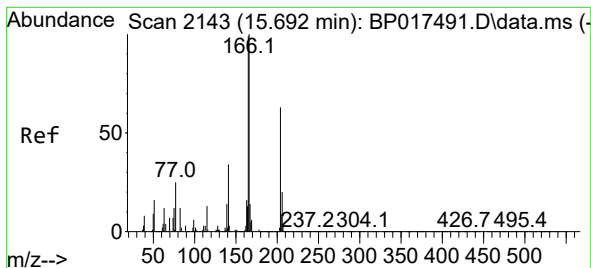
Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

167 13.6 10.9 16.3

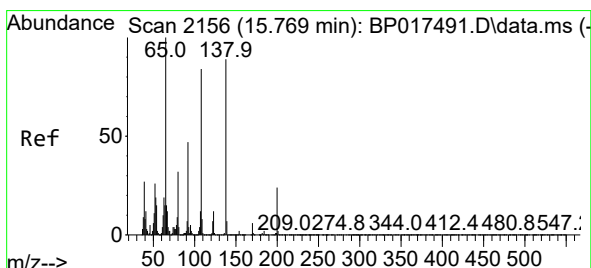
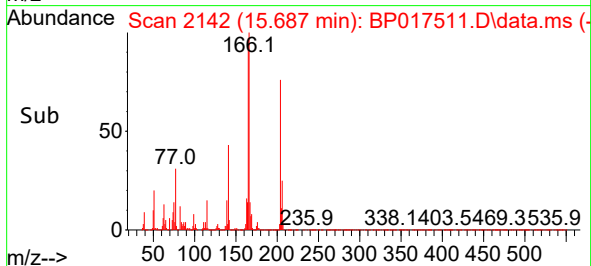
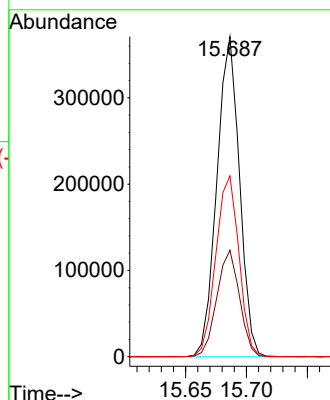
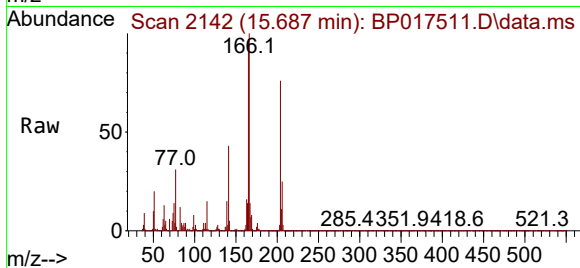




#62
4-Chlorophenyl-phenylether
Concen: 42.276 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

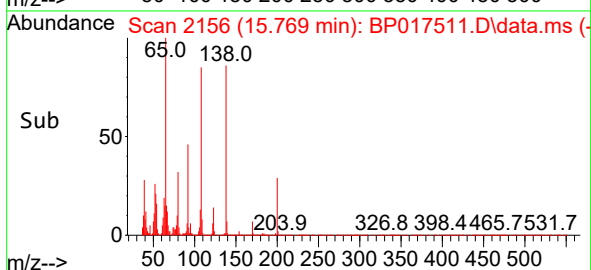
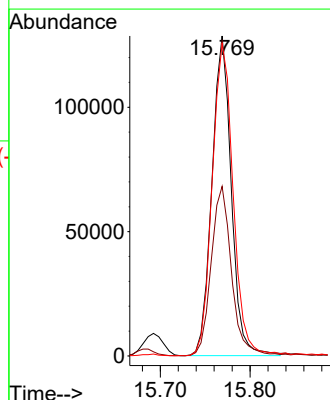
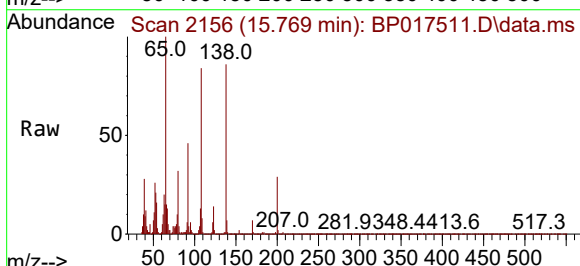
Instrument :
BNA_P
ClientSampleId :
SLCS906

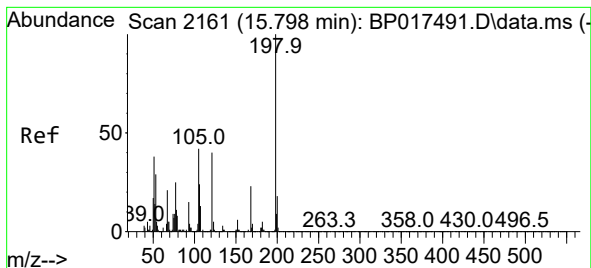
Tgt Ion:204 Resp: 479688
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 56.5 45.9 68.9



#63
4-Nitroaniline
Concen: 50.598 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:138 Resp: 192625
Ion Ratio Lower Upper
138 100
92 53.0 42.4 63.6
108 97.8 73.0 109.6

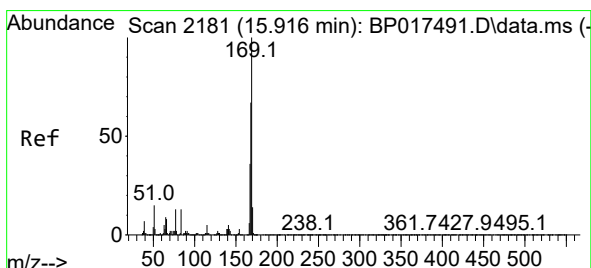
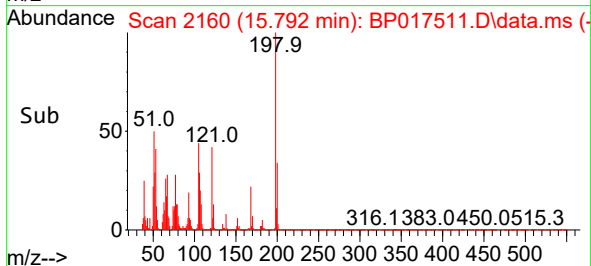
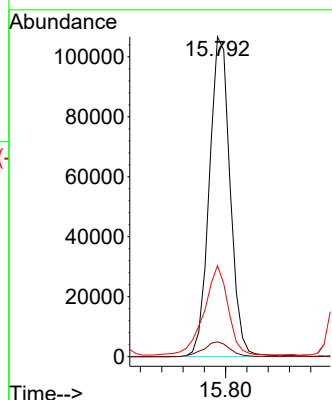
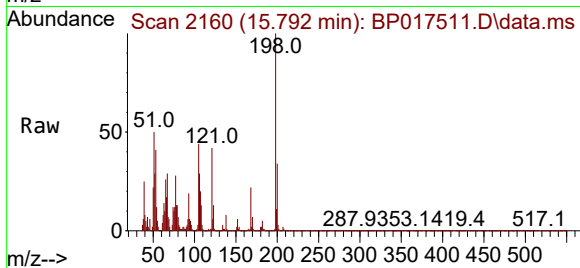




#66
4,6-Dinitro-2-methylphenol
Concen: 32.794 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

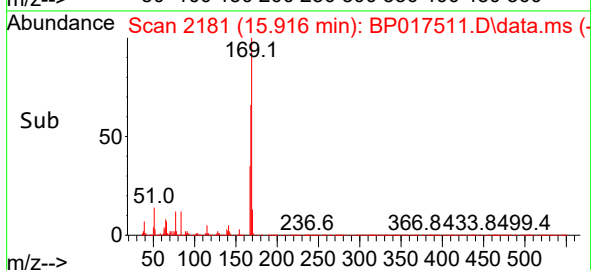
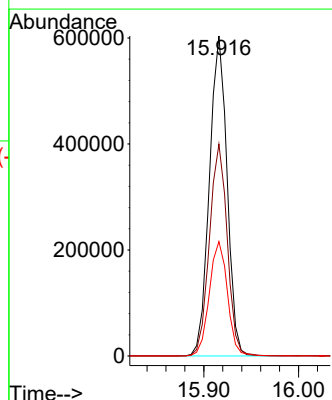
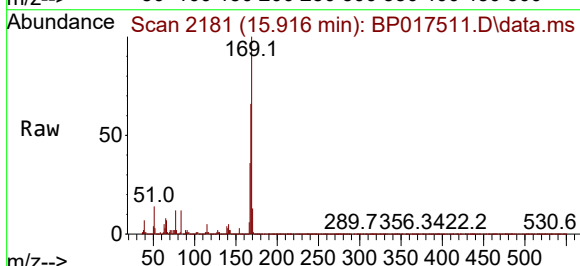
Instrument :
BNA_P
ClientSampleId :
SLCS906

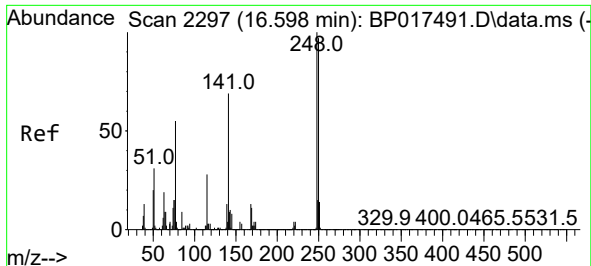
Tgt Ion:198 Resp: 144552
Ion Ratio Lower Upper
198 100
182 4.7 4.3 6.5
77 28.5 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 39.087 ng/ul
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:169 Resp: 779426
Ion Ratio Lower Upper
169 100
168 66.2 53.5 80.3
167 35.7 30.0 45.0

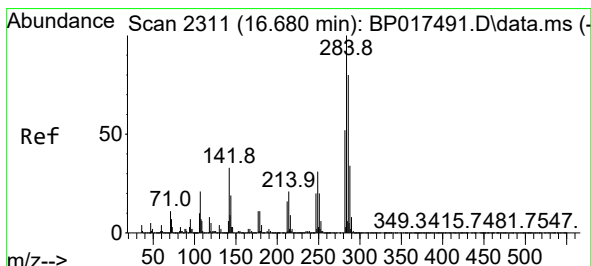
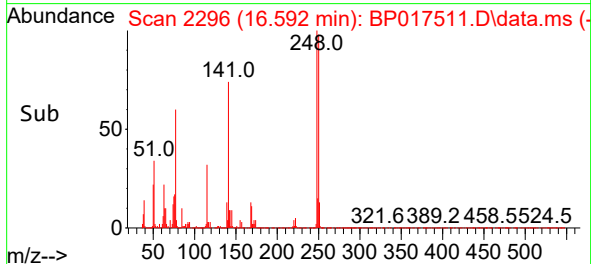
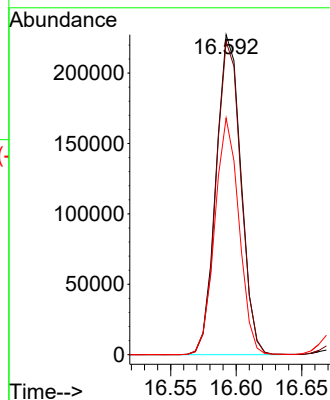
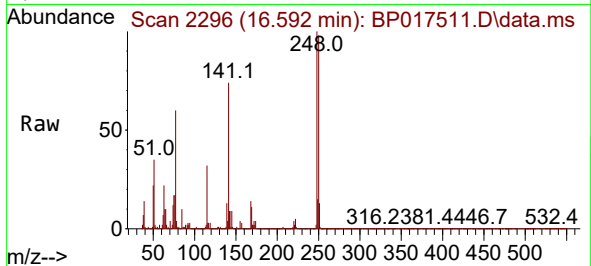




#68
4-Bromophenyl-phenylether
Concen: 41.204 ng/ul
RT: 16.592 min Scan# 210
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

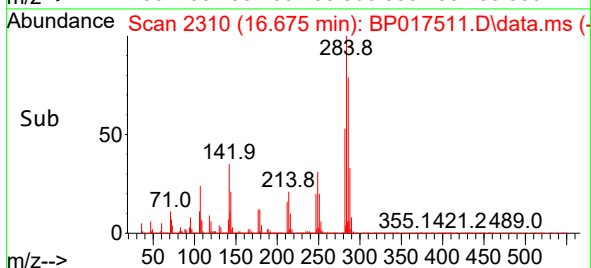
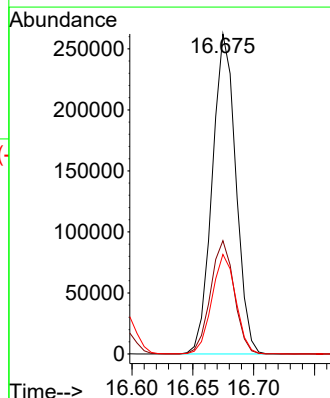
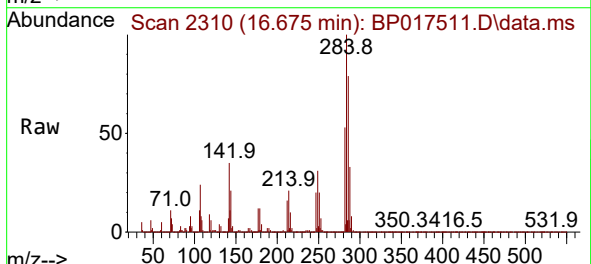
Instrument :
BNA_P
ClientSampleId :
SLCS906

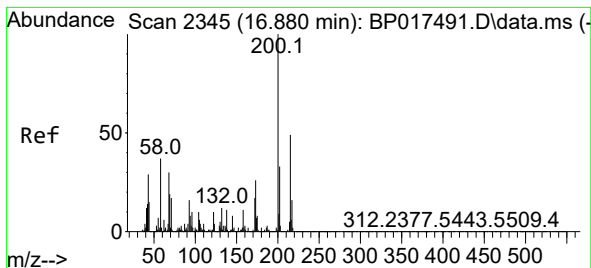
Tgt Ion:248 Resp: 300096
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 73.9 56.3 84.5



#69
Hexachlorobenzene
Concen: 41.870 ng/ul
RT: 16.675 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:284 Resp: 353852
Ion Ratio Lower Upper
284 100
142 35.4 29.5 44.3
249 31.1 25.7 38.5





#70

Atrazine

Concen: 36.996 ng/ul

RT: 16.881 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

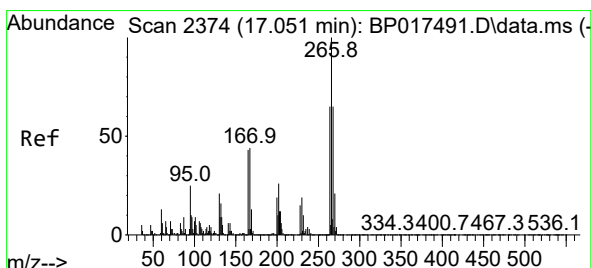
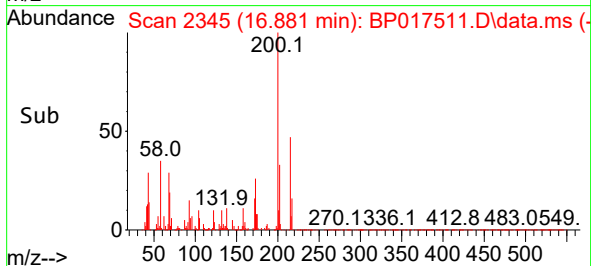
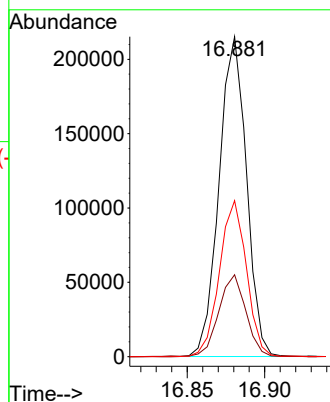
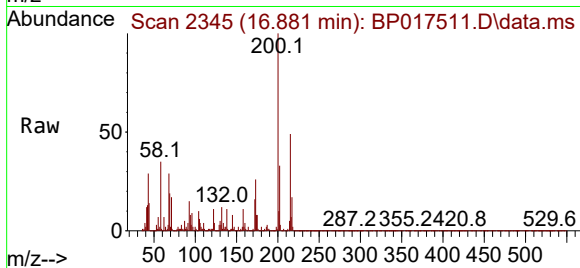
Tgt Ion:200 Resp: 264307

Ion Ratio Lower Upper

200 100

173 25.6 20.3 30.5

215 48.8 38.2 57.4



#71

Pentachlorophenol

Concen: 39.983 ng/ul

RT: 17.051 min Scan# 2374

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

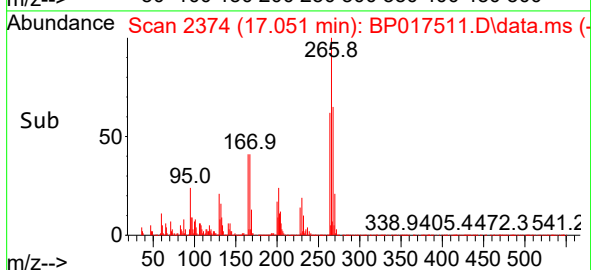
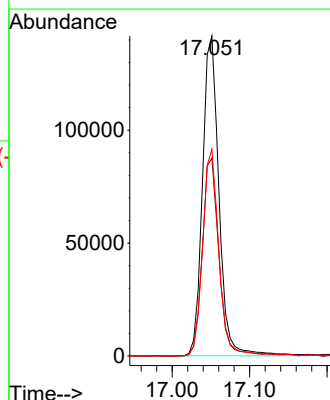
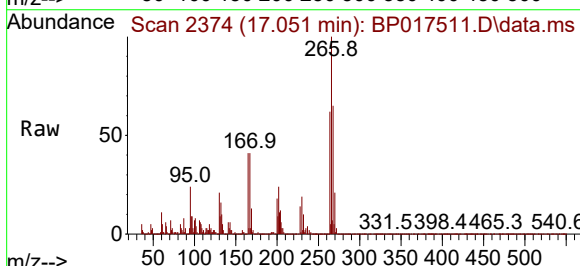
Tgt Ion:266 Resp: 208731

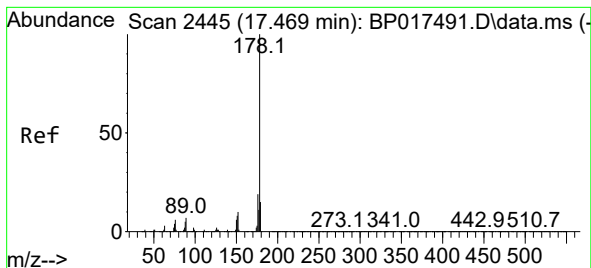
Ion Ratio Lower Upper

266 100

264 61.8 48.9 73.3

268 64.5 51.6 77.4





#72

Phenanthrene

Concen: 40.078 ng/ul

RT: 17.469 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

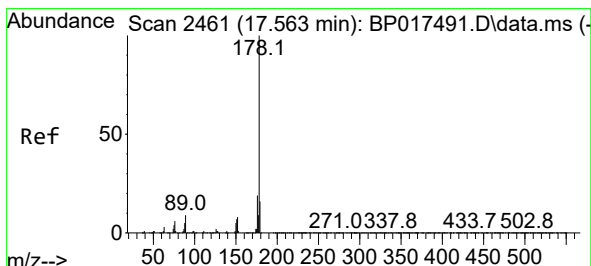
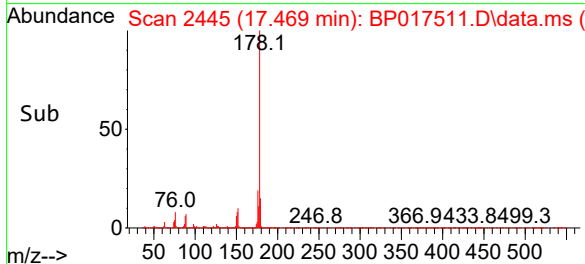
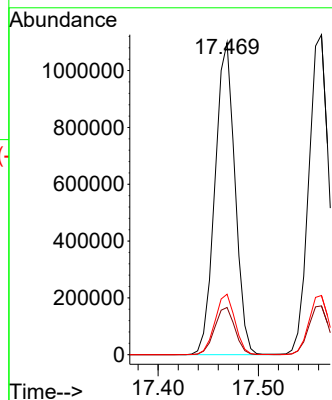
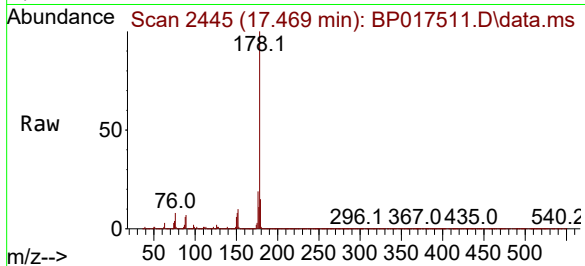
Tgt Ion:178 Resp: 1521779

Ion Ratio Lower Upper

178 100

179 15.1 12.7 19.1

176 19.4 15.8 23.6



#74

Anthracene

Concen: 40.401 ng/ul

RT: 17.563 min Scan# 2461

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

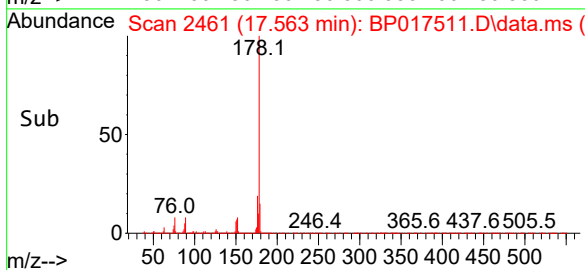
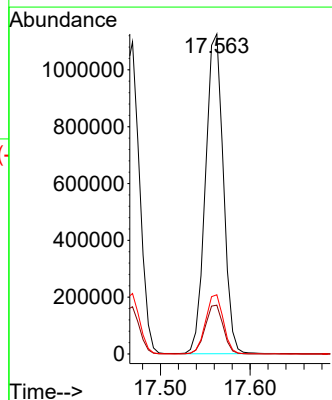
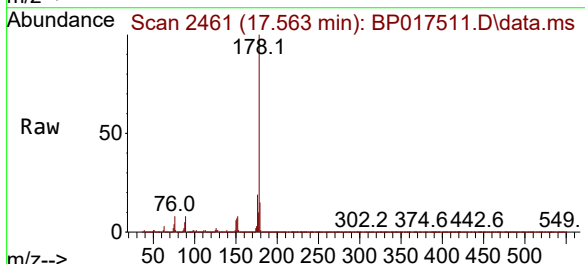
Tgt Ion:178 Resp: 1554724

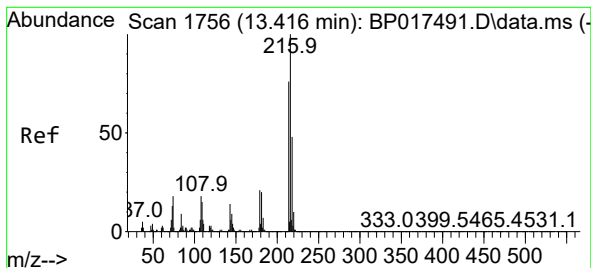
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.5 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.236 ng/uL

RT: 13.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

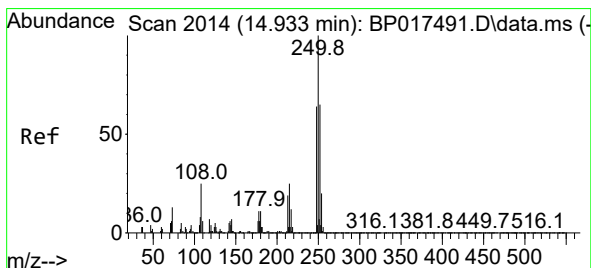
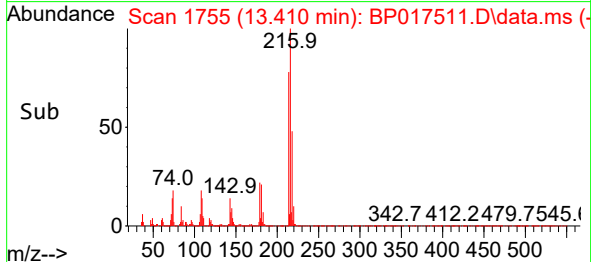
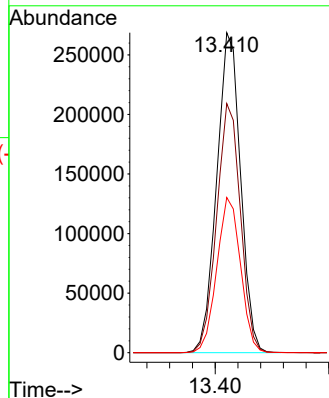
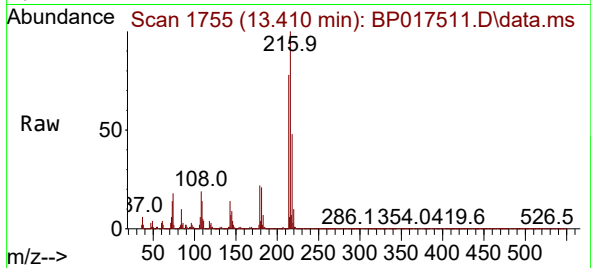
Tgt Ion:216 Resp: 392047

Ion Ratio Lower Upper

216 100

214 77.9 61.2 91.8

218 48.5 36.8 55.2



#76

Pentachlorobenzene

Concen: 35.700 ng/uL

RT: 14.928 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

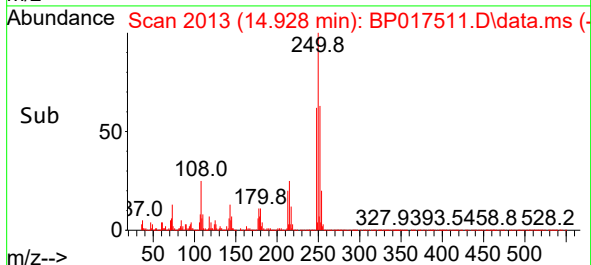
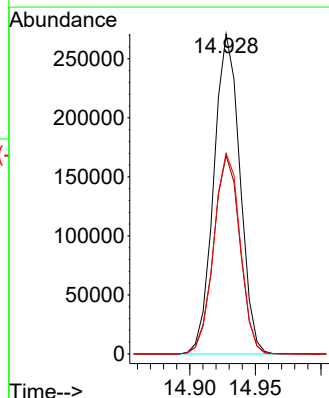
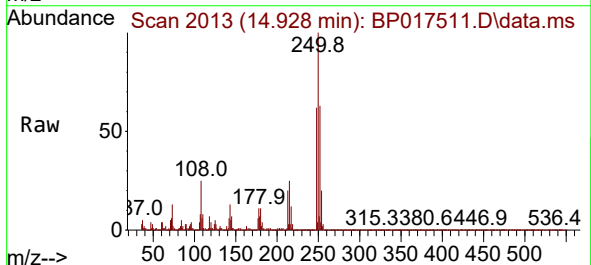
Tgt Ion:250 Resp: 375223

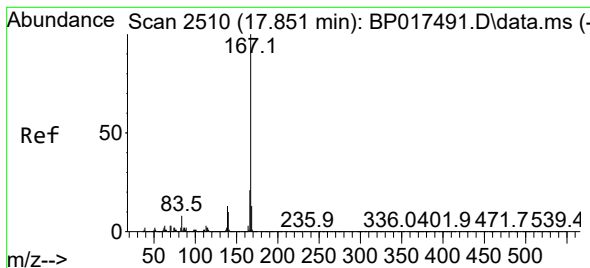
Ion Ratio Lower Upper

250 100

248 62.0 50.1 75.1

252 62.7 52.2 78.2





#77

Carbazole

Concen: 40.491 ng/ul

RT: 17.851 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

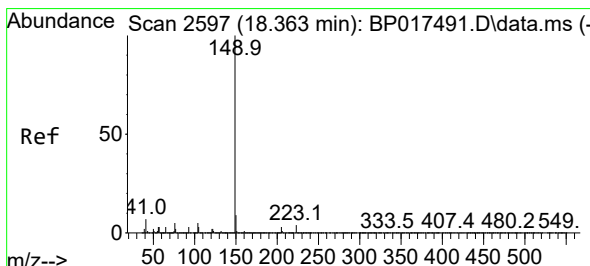
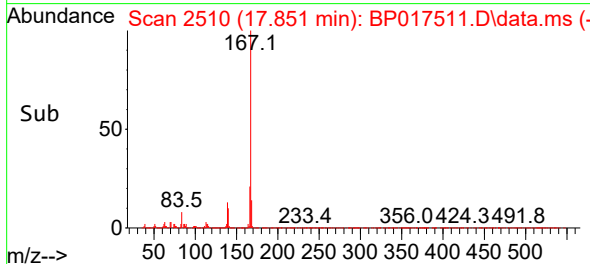
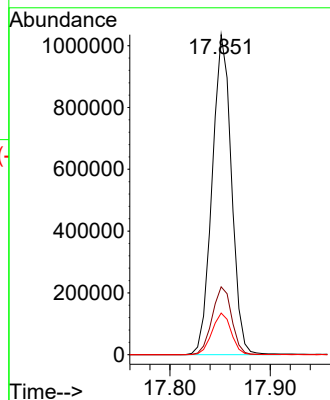
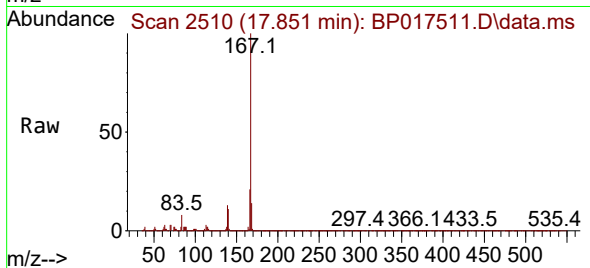
Tgt Ion:167 Resp: 1385984

Ion Ratio Lower Upper

167 100

166 21.2 16.5 24.7

139 13.0 10.5 15.7



#78

Di-n-butylphthalate

Concen: 44.455 ng/ul

RT: 18.363 min Scan# 2597

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

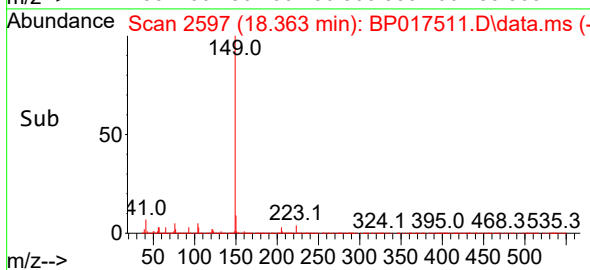
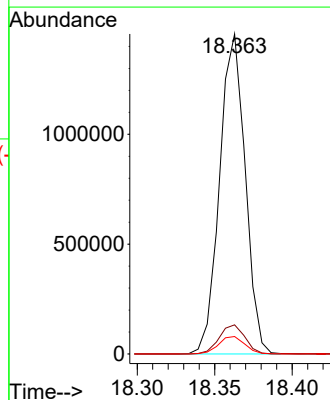
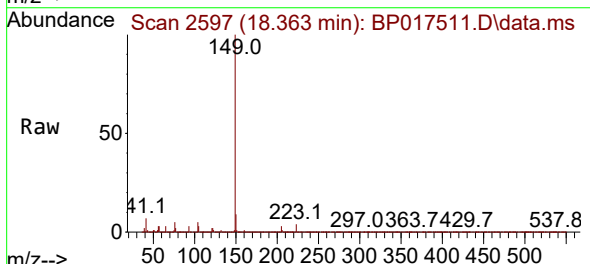
Tgt Ion:149 Resp: 1673241

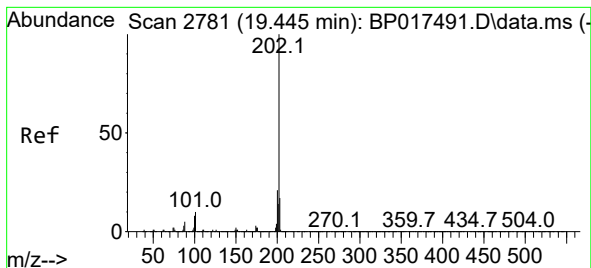
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.4 4.5 6.7





#80

Fluoranthene

Concen: 40.700 ng/ul

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

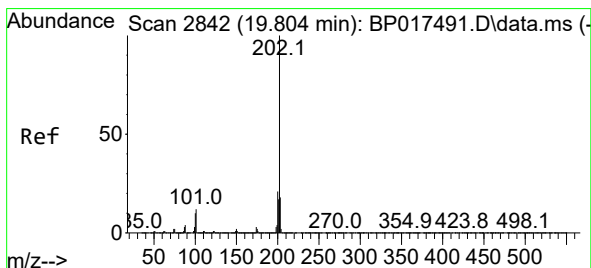
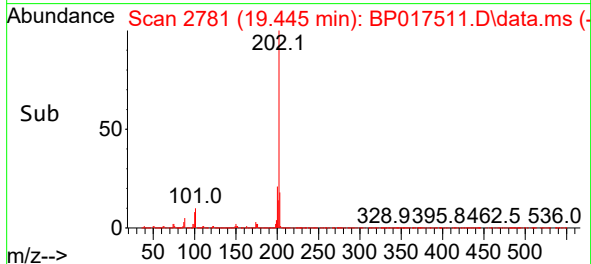
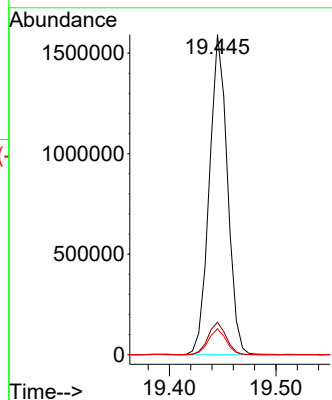
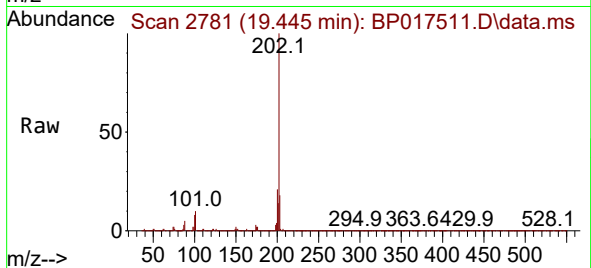
Tgt Ion:202 Resp: 1877276

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

100 8.1 6.6 10.0



#82

Pyrene

Concen: 40.304 ng/ul

RT: 19.810 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

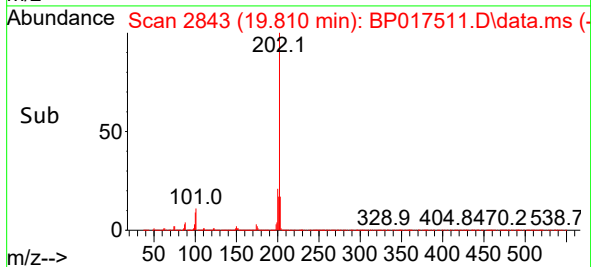
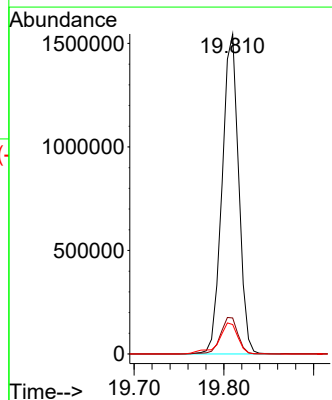
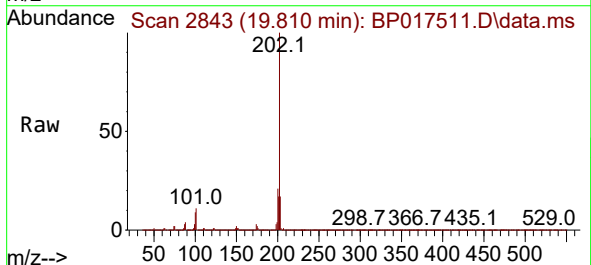
Tgt Ion:202 Resp: 1976255

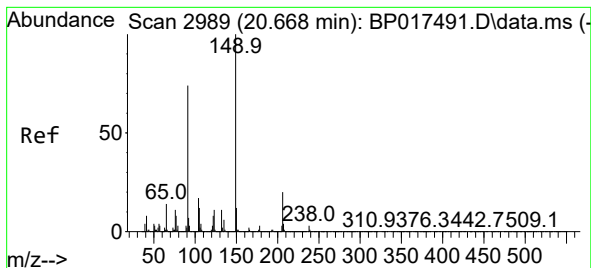
Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

100 9.2 8.1 12.1





#83

Butylbenzylphthalate

Concen: 45.314 ng/ul

RT: 20.674 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

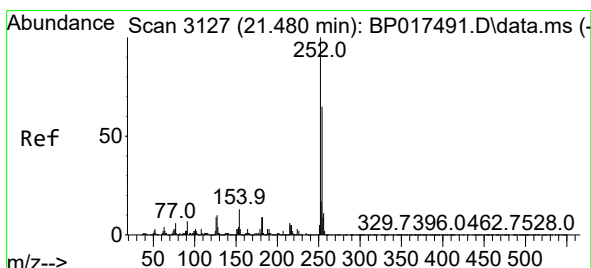
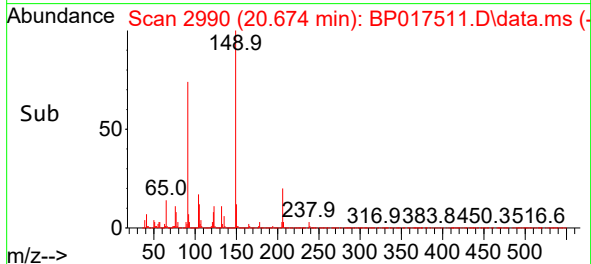
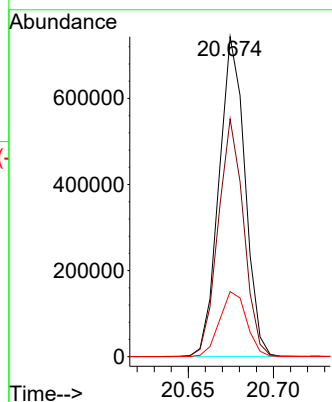
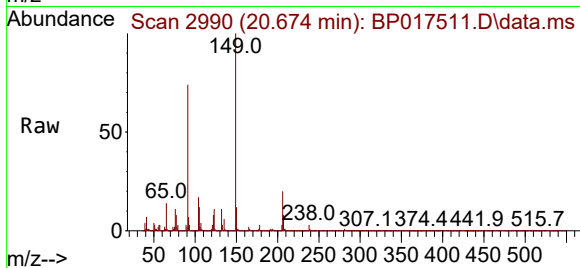
Tgt Ion:149 Resp: 787818

Ion Ratio Lower Upper

149 100

91 74.3 59.8 89.6

206 20.4 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 35.738 ng/ul

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

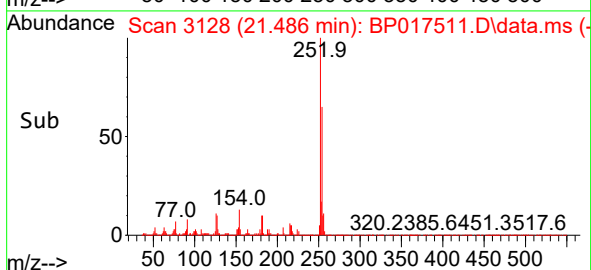
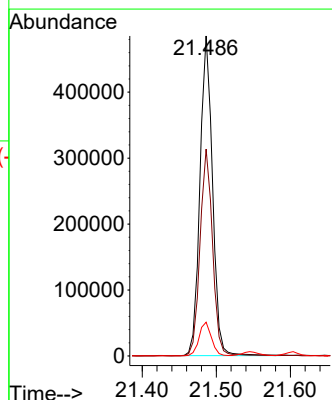
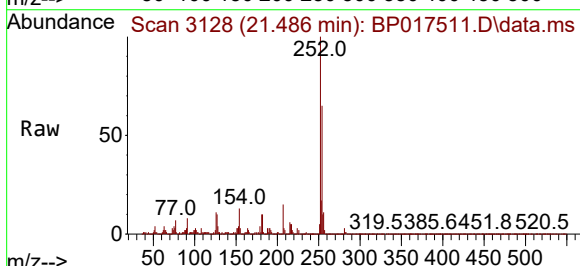
Tgt Ion:252 Resp: 567882

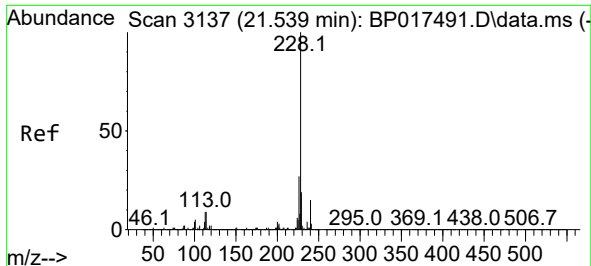
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 10.5 9.1 13.7

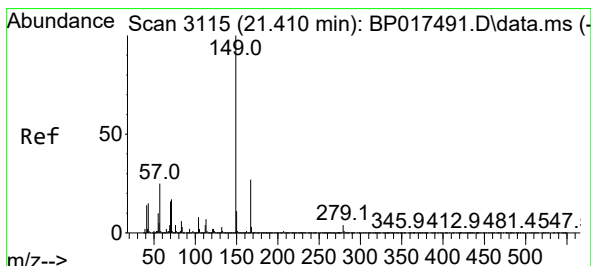
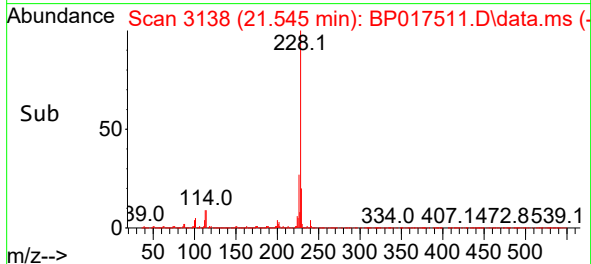
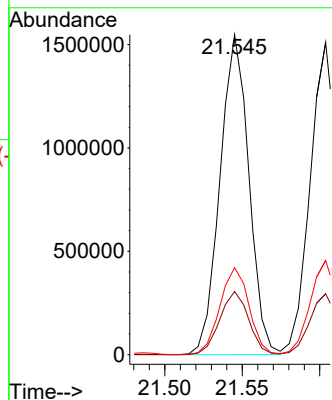
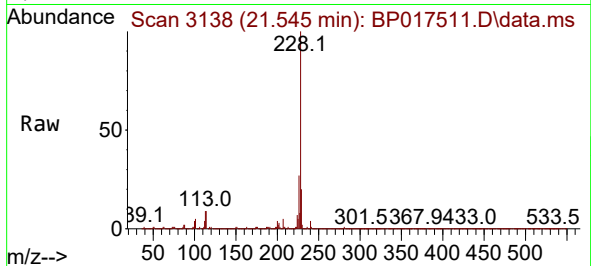




#85
Benzo(a)anthracene
Concen: 40.623 ng/ul
RT: 21.545 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

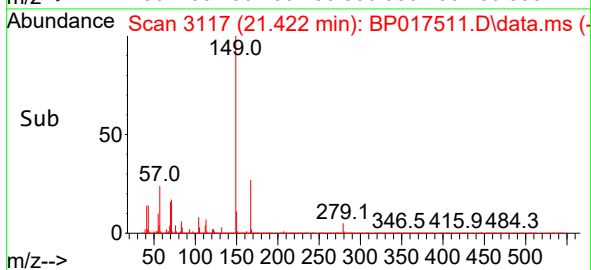
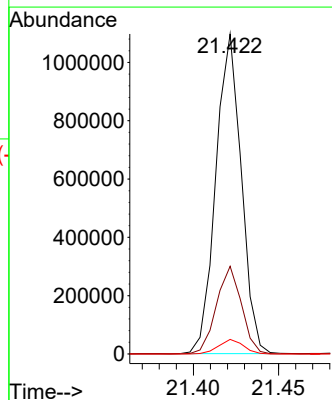
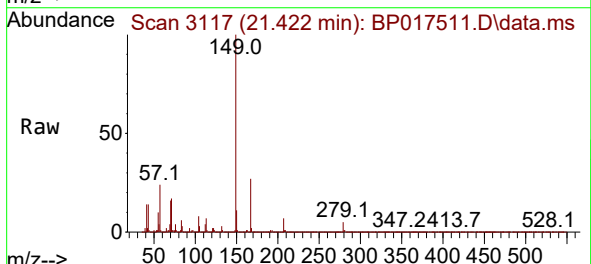
Instrument :
BNA_P
ClientSampleId :
SLCS906

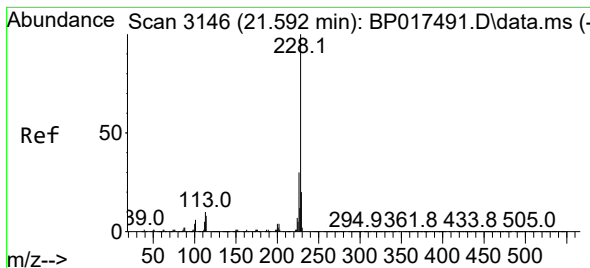
Tgt Ion:228 Resp: 2005152
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.2 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 45.367 ng/ul
RT: 21.422 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP017511.D
Acq: 03 Oct 2023 11:33

Tgt Ion:149 Resp: 1139063
Ion Ratio Lower Upper
149 100
167 27.4 21.0 31.6
279 4.5 3.0 4.4#





#87

Chrysene

Concen: 40.351 ng/ul

RT: 21.604 min Scan# 3146

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

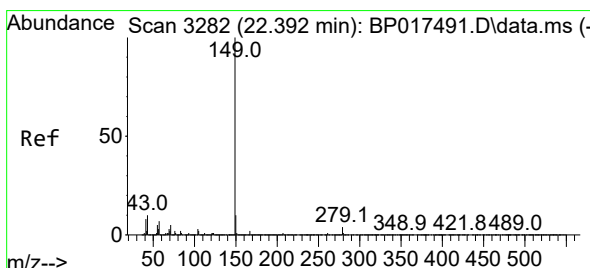
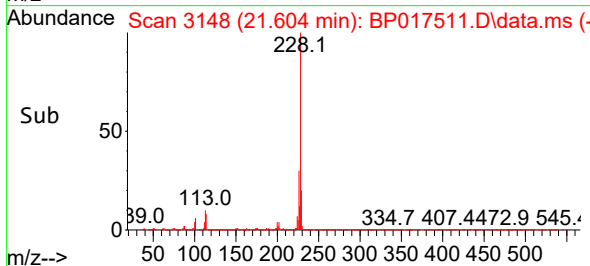
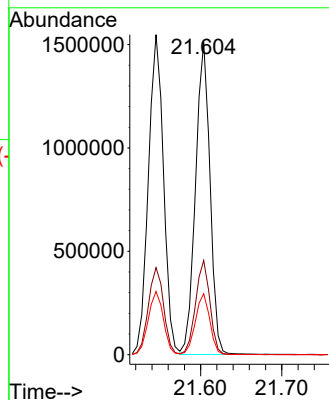
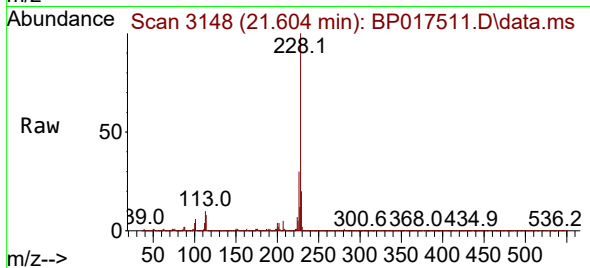
Tgt Ion:228 Resp: 1874465

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.5 15.0 22.6



#89

Di-n-octyl phthalate

Concen: 45.723 ng/ul

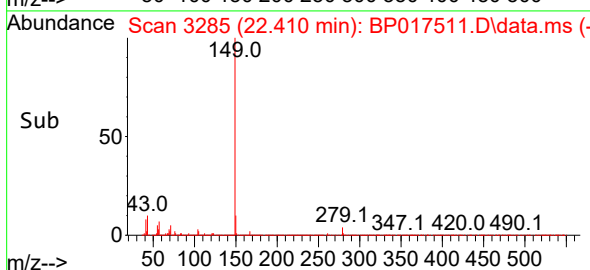
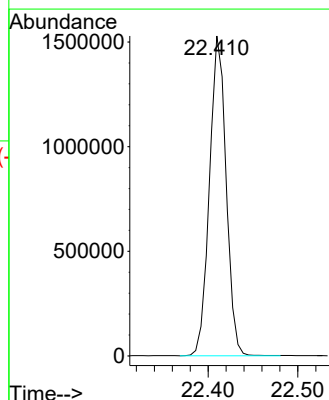
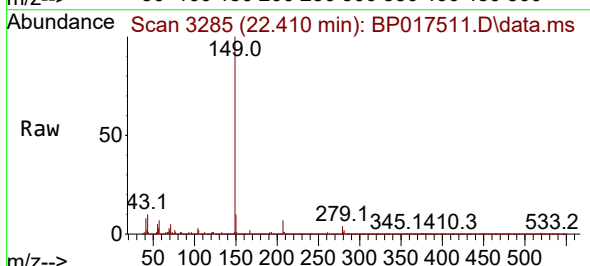
RT: 22.410 min Scan# 3285

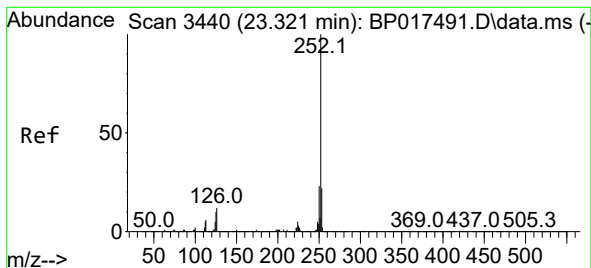
Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Tgt Ion:149 Resp: 1969972





#90

Benzo(b)fluoranthene

Concen: 42.485 ng/ul

RT: 23.339 min Scan# 3440

Delta R.T. 0.000 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

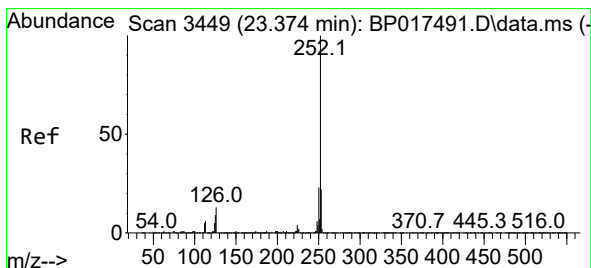
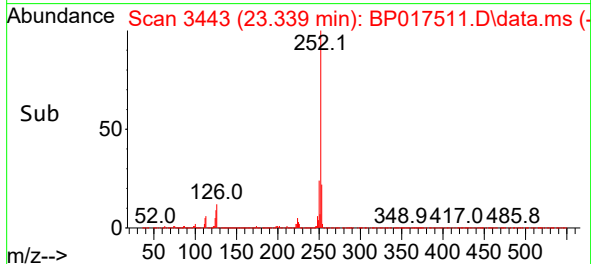
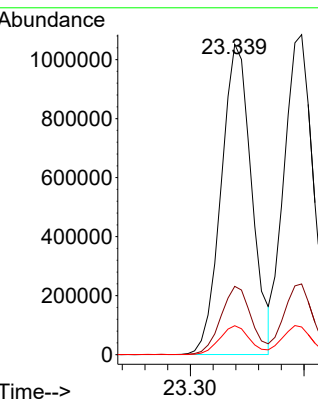
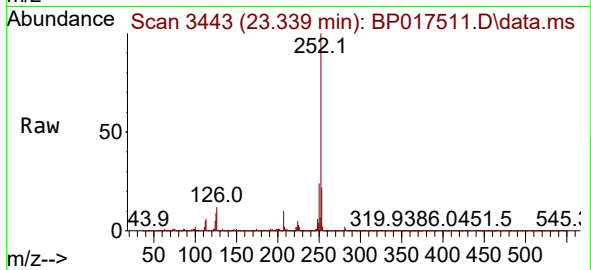
Tgt Ion:252 Resp: 1961942

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.3 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 41.402 ng/ul

RT: 23.398 min Scan# 3453

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

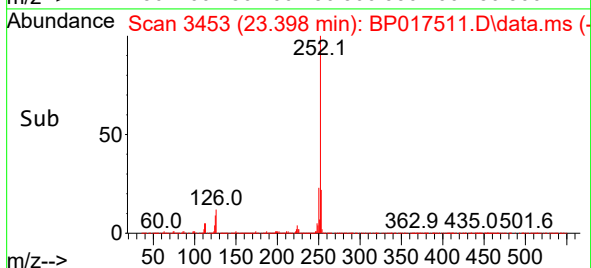
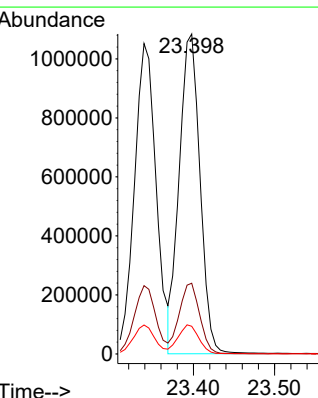
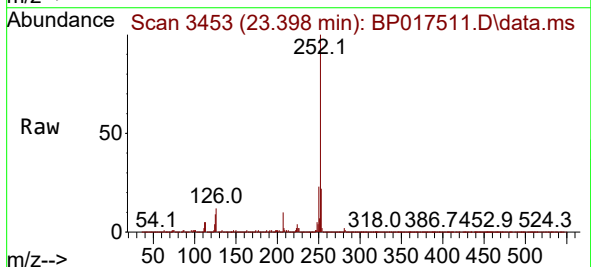
Tgt Ion:252 Resp: 1928933

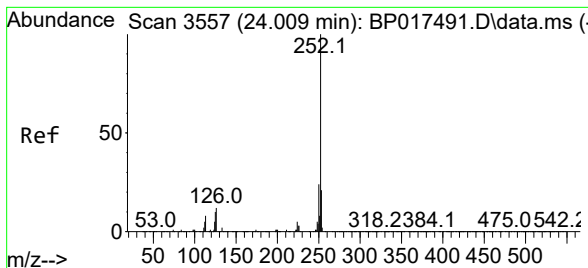
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.7 7.8 11.6





#93

Benzo(a)pyrene

Concen: 41.086 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

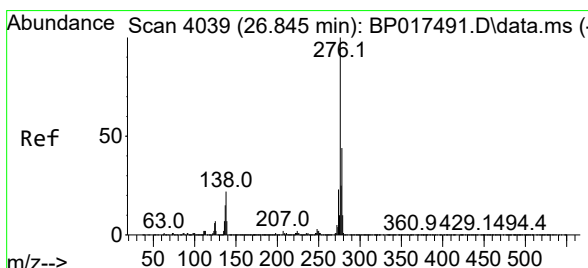
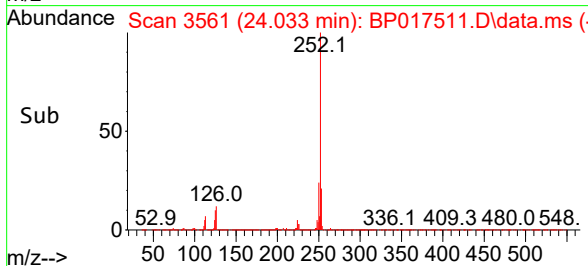
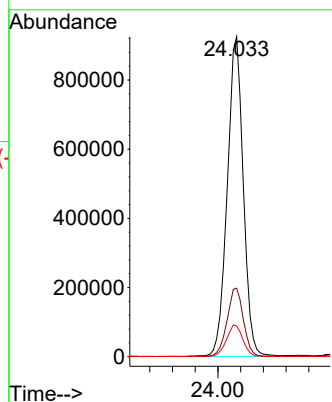
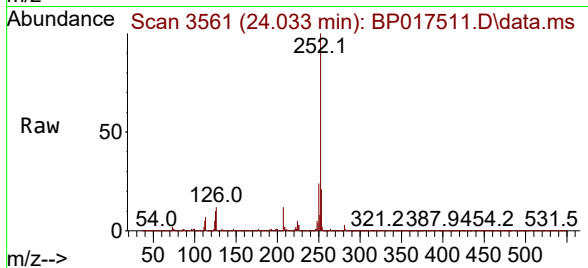
Tgt Ion:252 Resp: 1815317

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.6 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.538 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

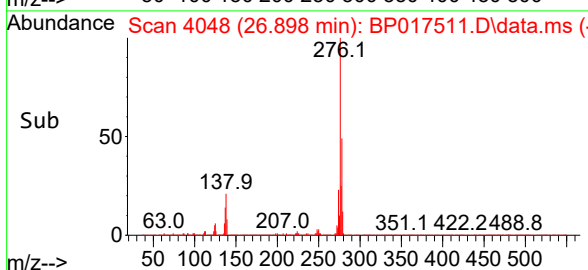
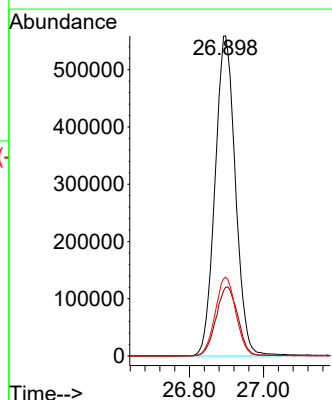
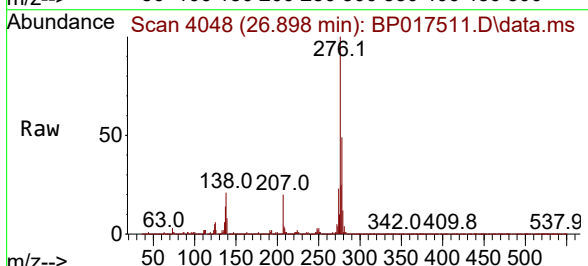
Tgt Ion:276 Resp: 2134295

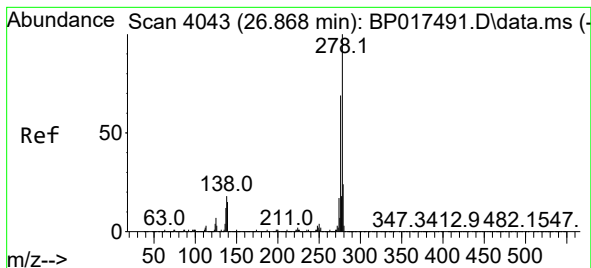
Ion Ratio Lower Upper

276 100

138 21.4 17.9 26.9

277 24.6 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 37.840 ng/ul

RT: 26.921 min Scan# 4043

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Instrument :

BNA_P

ClientSampleId :

SLCS906

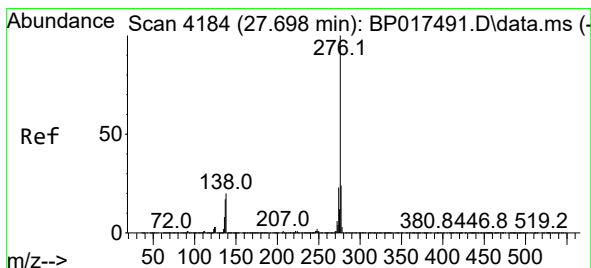
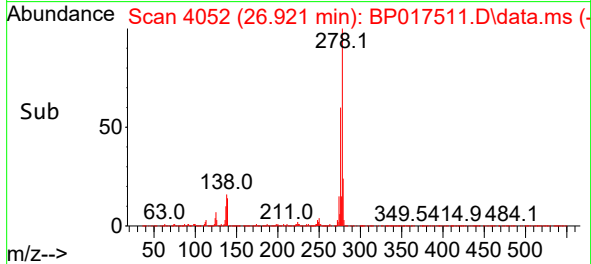
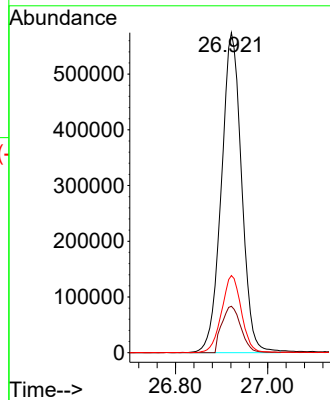
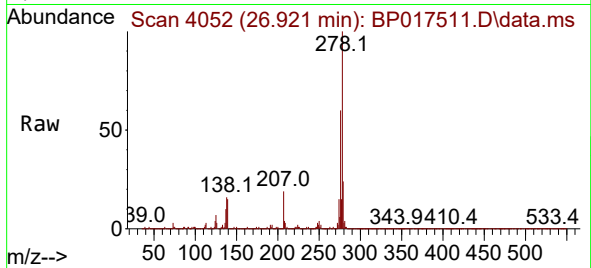
Tgt Ion:278 Resp: 1745439

Ion Ratio Lower Upper

278 100

139 14.5 13.4 20.0

279 24.1 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 38.232 ng/ul

RT: 27.751 min Scan# 4193

Delta R.T. 0.006 min

Lab File: BP017511.D

Acq: 03 Oct 2023 11:33

Tgt Ion:276 Resp: 1707472

Ion Ratio Lower Upper

276 100

138 19.8 17.3 25.9

277 23.3 18.8 28.2

