

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101923\
 Data File : BP017735.D
 Acq On : 19 Oct 2023 20:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020786

Quant Time: Oct 20 00:47:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	120865	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	471242	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	290764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	608032	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	526607	20.000	ng/ul	# 0.00
88) Perylene-d12	24.074	264	537692	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	28317	8.716	ng/uL	0.00
4) Pyridine-d5	3.693	84	180859	21.262	ng/ul	0.00
7) Phenol-d5	7.046	99	210192	20.898	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	138758	22.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	173637	21.167	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	165944	21.010	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	80430	21.063	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	89664	21.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	168370	20.344	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	219869	20.300	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	490132	20.080	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	562671	20.671	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	62302	17.913	ng/ul	0.00
60) Fluorene-d10	15.587	176	416772	19.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	70770	17.670	ng/ul	0.00
73) Anthracene-d10	17.475	188	634853	20.432	ng/ul	0.00
81) Pyrene-d10	19.733	212	712664	21.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	608777	20.328	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	30398	8.821	ng/uL	98
5) Pyridine	3.711	79	186204	21.365	ng/ul	98
6) Benzaldehyde	7.052	77	131244	24.257	ng/ul	99
8) Phenol	7.075	94	209773	21.153	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	178832	21.615	ng/ul	99
12) 2-Chlorophenol	7.440	128	174478	21.177	ng/ul	98
13) 2-Methylphenol	8.340	108	157437	21.036	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.405	45	145262	14.264	ng/ul	99
16) Acetophenone	8.746	105	264081	21.267	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.710	70	136479	23.172	ng/ul	96
18) 4-Methylphenol	8.675	108	168942	21.256	ng/ul	94
19) Hexachloroethane	8.946	117	80984	21.392	ng/ul	82
22) Nitrobenzene	9.140	77	213500	22.455	ng/ul	98
23) Isophorone	9.652	82	378390	22.256	ng/ul	98
25) 2-Nitrophenol	9.840	139	93686	20.803	ng/ul#	89
26) 2,4-Dimethylphenol	9.887	107	190138	21.511	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.140	93	231704	22.034	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	161788	20.443	ng/ul	96
30) Naphthalene	10.769	128	558228	20.584	ng/ul	100
32) 4-Chloroaniline	10.916	127	211215	20.365	ng/ul	99
33) Hexachlorobutadiene	10.993	225	112938	17.576	ng/ul	96
34) Caprolactam	11.757	113	41109	20.173	ng/ul	91
35) 4-Chloro-3-methylphenol	12.028	107	164327	22.055	ng/ul	93
36) 2-Methylnaphthalene	12.387	142	373788	20.405	ng/ul	100

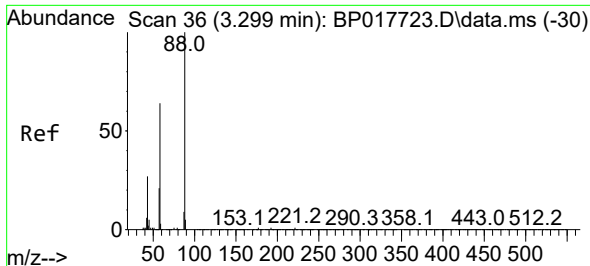
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	379677	20.267	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	201462	18.725	ng/ul#	96
40) Hexachlorocyclopentadiene	12.681	237	95148	15.393	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	126414	19.578	ng/ul	95
42) 2,4,5-Trichlorophenol	13.081	196	136041	20.378	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	495298	20.676	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	398048	20.555	ng/ul	99
45) 2-Nitroaniline	13.704	65	105311	23.932	ng/ul	91
47) Dimethylphthalate	14.051	163	488825	20.320	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	92065	20.792	ng/ul	88
50) Acenaphthylene	14.310	152	636810	20.885	ng/ul	100
51) 3-Nitroaniline	14.545	138	86657	20.577	ng/ul	99
52) Acenaphthene	14.651	153	424506	20.594	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	32667	13.143	ng/ul#	84
55) 4-Nitrophenol	14.845	109	76000	20.643	ng/ul	94
56) Dibenzofuran	14.987	168	584580	20.200	ng/ul	95
57) 2,4-Dinitrotoluene	14.992	165	136429	20.877	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.210	232	110667	18.681	ng/ul#	86
59) Diethylphthalate	15.410	149	483759	20.828	ng/ul	99
61) Fluorene	15.645	166	477776	20.098	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	240548	19.038	ng/ul	92
63) 4-Nitroaniline	15.722	138	83161	21.894	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	74015	17.254	ng/ul	92
67) N-Nitrosodiphenylamine	15.869	169	390975	21.225	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	131753	18.520	ng/ul#	90
69) Hexachlorobenzene	16.628	284	143227	17.536	ng/ul#	89
70) Atrazine	16.834	200	129462	19.122	ng/ul	98
71) Pentachlorophenol	17.004	266	82089	16.718	ng/ul	97
72) Phenanthrene	17.416	178	734111	20.610	ng/ul	100
74) Anthracene	17.516	178	749176	20.767	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	202524	19.851	ng/uL	98
76) Pentachlorobenzene	14.881	250	184788	18.689	ng/uL	99
77) Carbazole	17.804	167	631940	20.726	ng/ul	98
78) Di-n-butylphthalate	18.316	149	770802	21.776	ng/ul	99
82) Pyrene	19.763	202	874950	21.771	ng/ul#	96
83) Butylbenzylphthalate	20.639	149	327729	23.710	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	216694	18.213	ng/ul#	98
85) Benzo(a)anthracene	21.498	228	830886	20.755	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	457770	23.724	ng/ul#	99
87) Chrysene	21.557	228	779182	20.582	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	775892	22.781	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	757527	20.701	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	760672	20.510	ng/ul	98
93) Benzo(a)pyrene	23.957	252	720172	20.963	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.780	276	807072	19.711	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.809	278	671707	19.662	ng/ul	97
96) Benzo(g,h,i)perylene	27.627	276	650092	19.706	ng/ul#	96

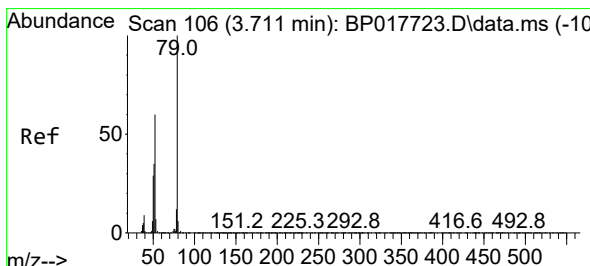
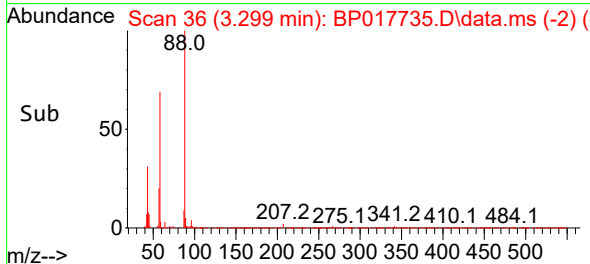
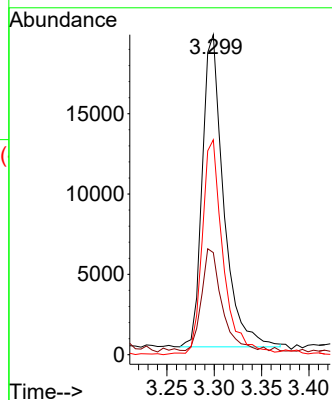
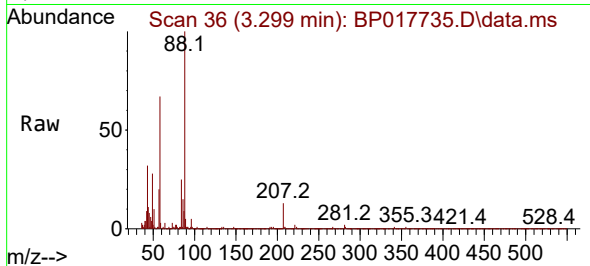
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#2
1,4-Dioxane
Concen: 8.821 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

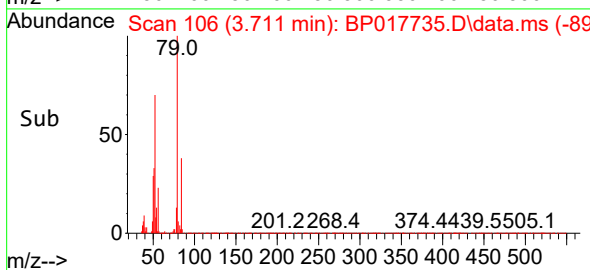
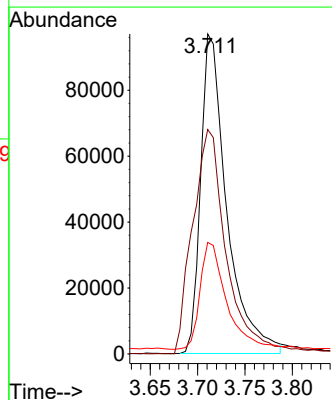
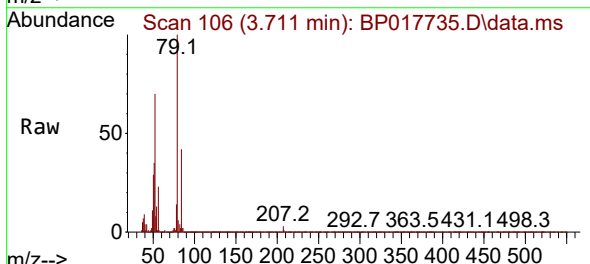
Instrument :
BNA_P
ClientSampleId :
SSTD020786

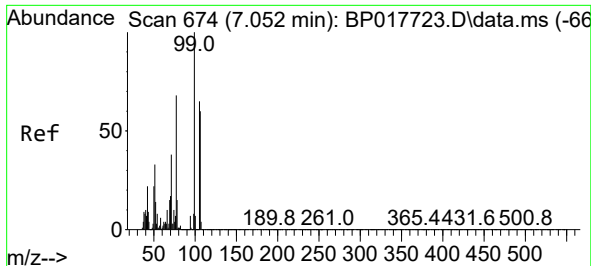
Tgt Ion: 88 Resp: 30398
Ion Ratio Lower Upper
88 100
43 31.9 24.4 36.6
58 67.2 53.0 79.6



#5
Pyridine
Concen: 21.365 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 79 Resp: 186204
Ion Ratio Lower Upper
79 100
52 70.2 57.2 85.8
51 34.8 28.6 42.8

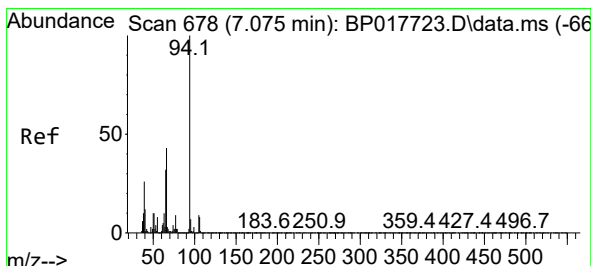
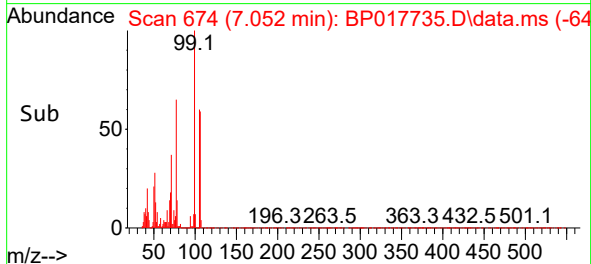
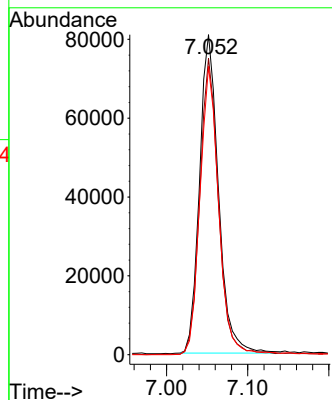
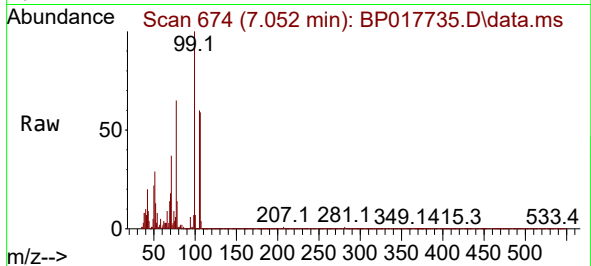




#6
Benzaldehyde
Concen: 24.257 ng/ul
RT: 7.052 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

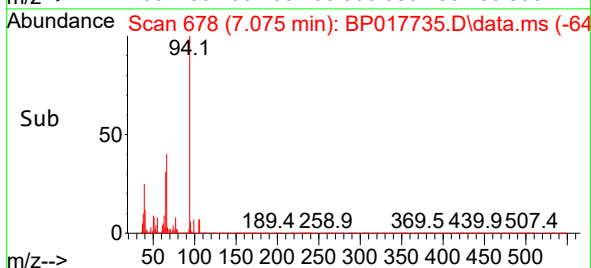
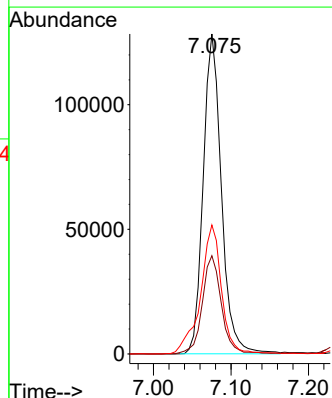
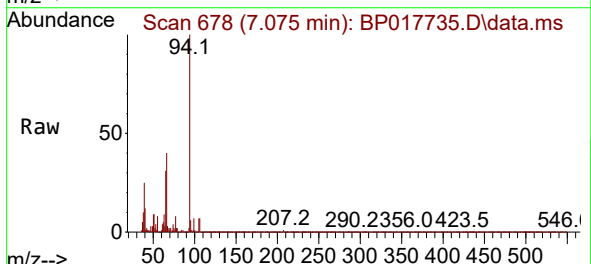
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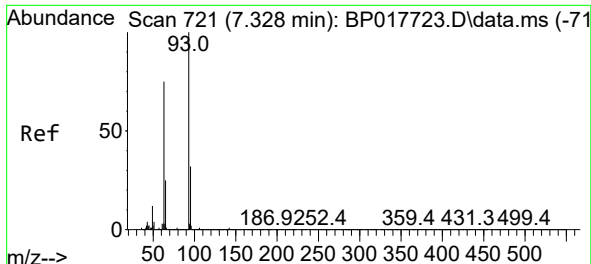
Tgt Ion: 77 Resp: 131244
Ion Ratio Lower Upper
77 100
105 92.6 75.4 113.2
106 90.0 72.3 108.5



#8
Phenol
Concen: 21.153 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 94 Resp: 209773
Ion Ratio Lower Upper
94 100
65 30.7 25.0 37.4
66 40.3 33.0 49.6

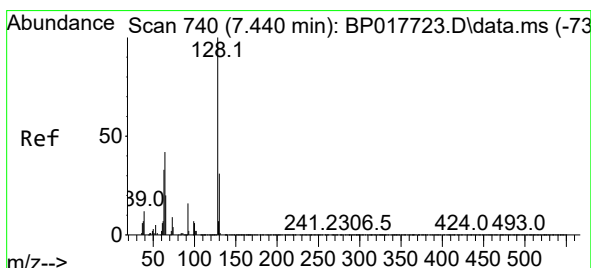
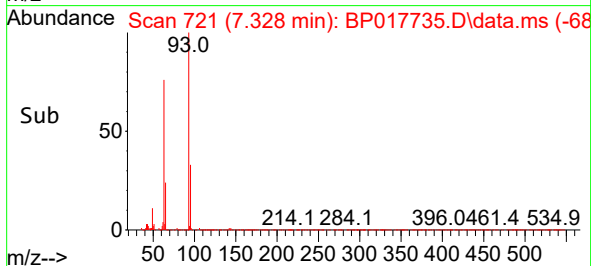
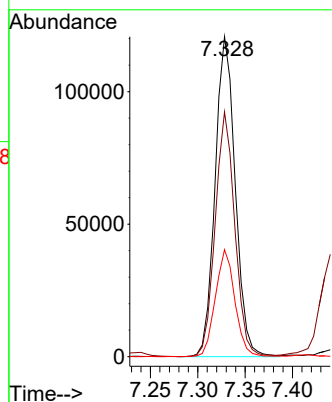
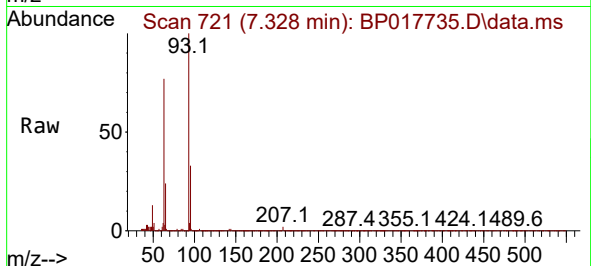




#10
Bis(2-Chloroethyl)ether
Concen: 21.615 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

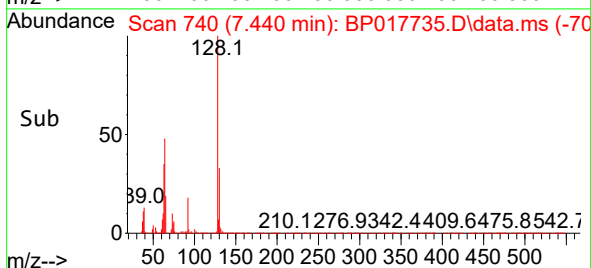
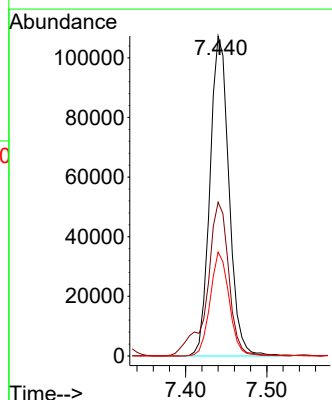
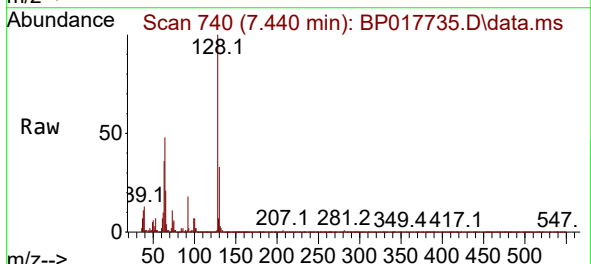
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ClientSampleId :
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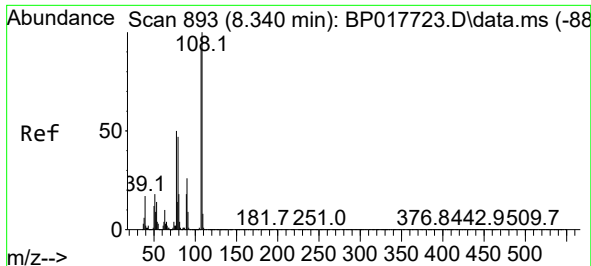
Tgt Ion: 93 Resp: 178832
Ion Ratio Lower Upper
93 100
63 76.5 60.7 91.1
95 33.5 27.8 41.6



#12
2-Chlorophenol
Concen: 21.177 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 128 Resp: 174478
Ion Ratio Lower Upper
128 100
64 48.0 36.7 55.1
130 32.5 26.2 39.2

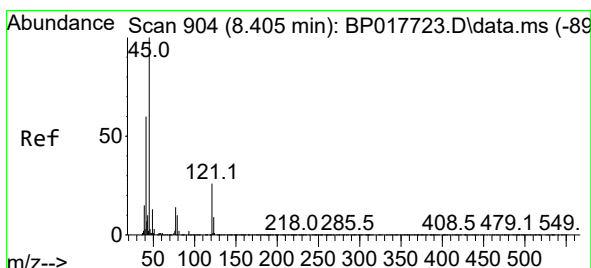
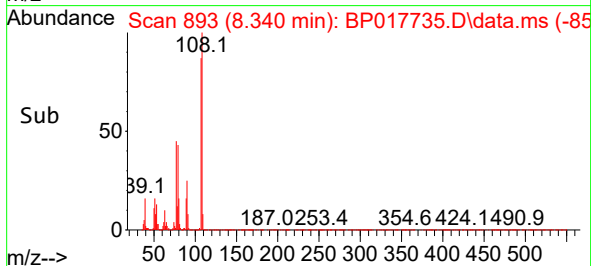
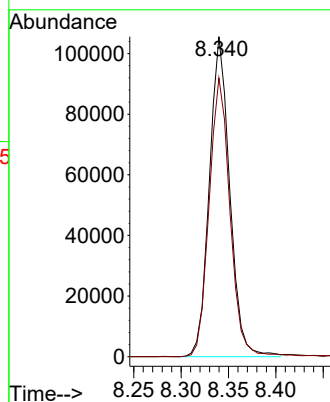
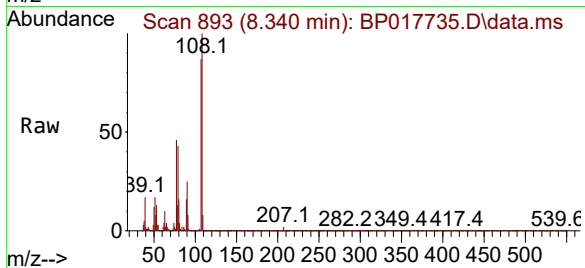




#13
2-Methylphenol
Concen: 21.036 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

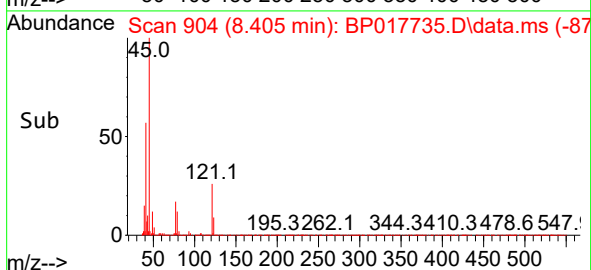
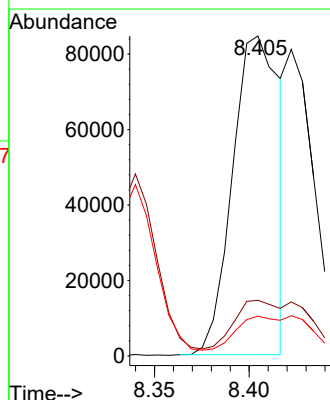
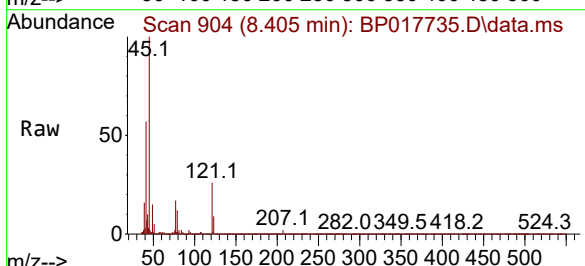
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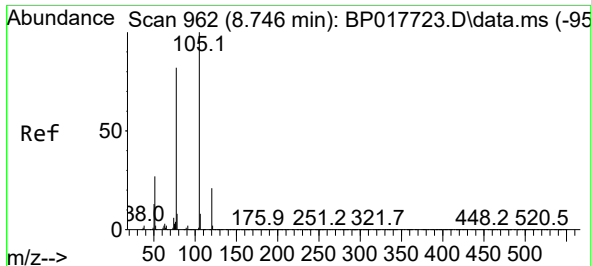
Tgt Ion:108 Resp: 157437
Ion Ratio Lower Upper
108 100
107 87.1 73.4 110.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.264 ng/ul
RT: 8.405 min Scan# 904
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 45 Resp: 145262
Ion Ratio Lower Upper
45 100
77 17.4 14.2 21.4
79 12.5 10.3 15.5

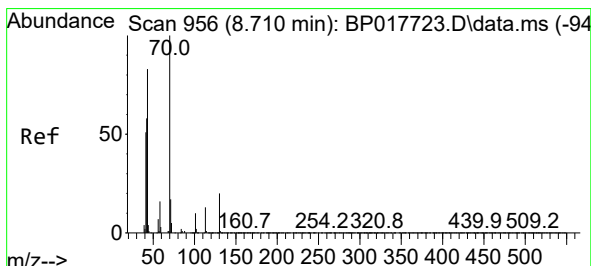
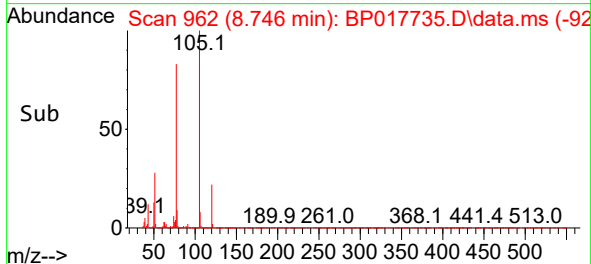
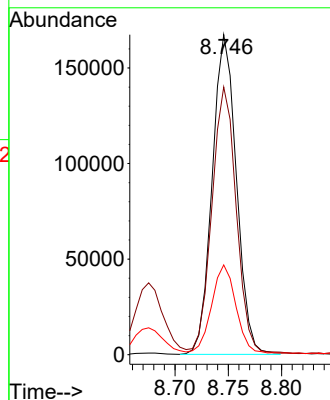
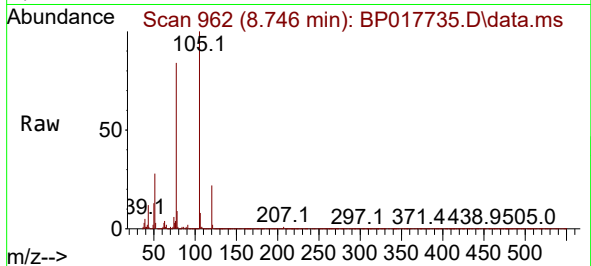




#16
Acetophenone
Concen: 21.267 ng/ul
RT: 8.746 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

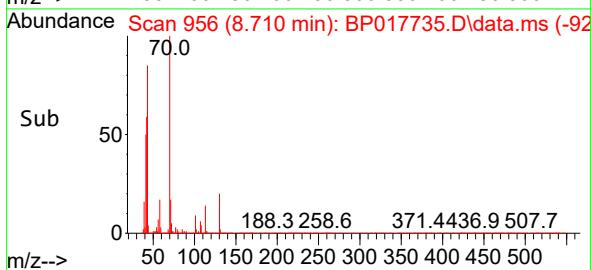
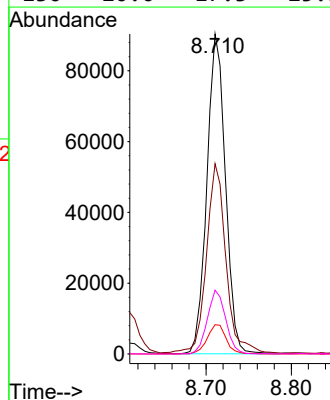
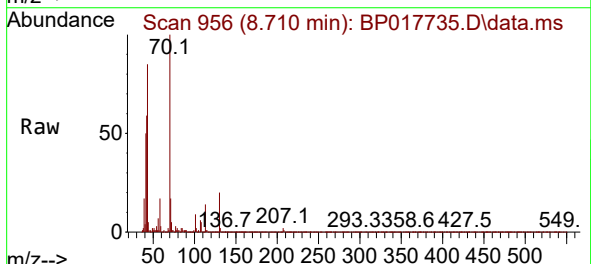
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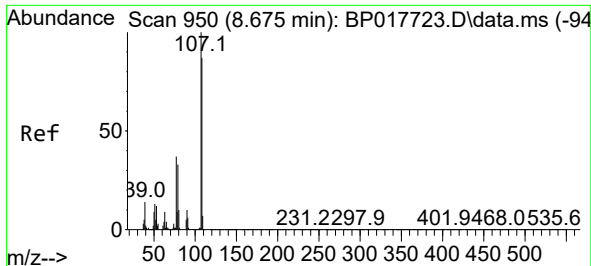
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Ion Ratio Lower Upper
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77 83.6 64.4 96.6
51 28.1 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 23.172 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 70 Resp: 136479
Ion Ratio Lower Upper
70 100
42 59.5 44.6 66.8
101 9.1 7.5 11.3
130 20.0 17.3 25.9

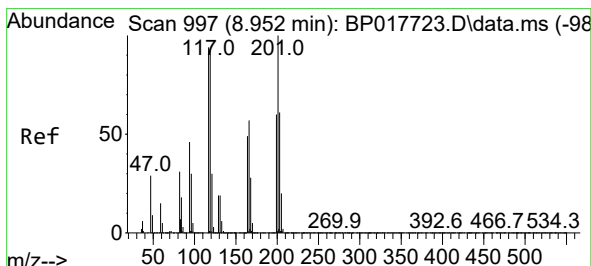
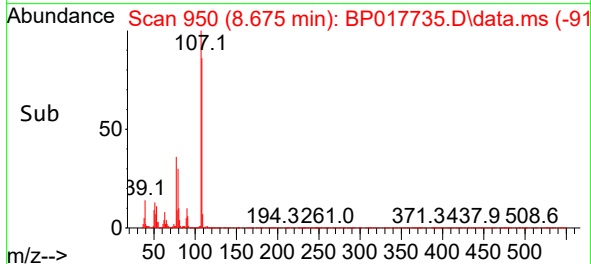
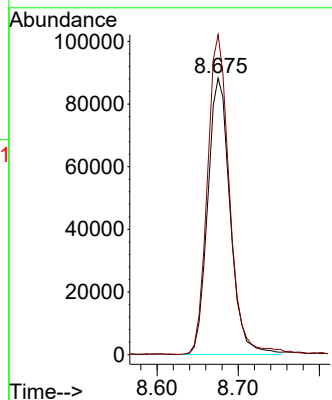
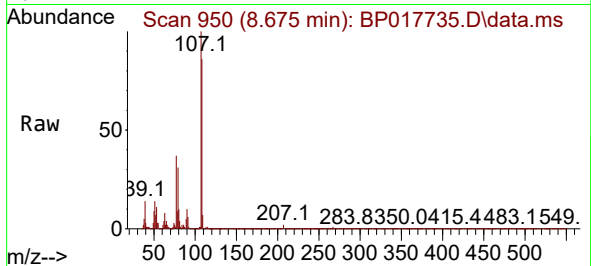




#18
4-Methylphenol
Concen: 21.256 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

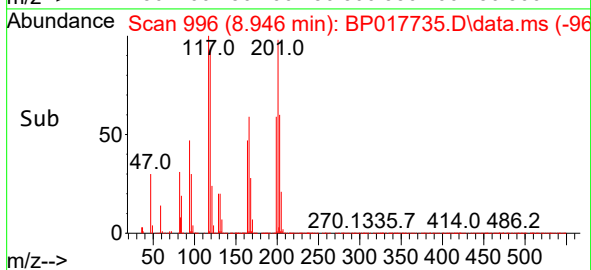
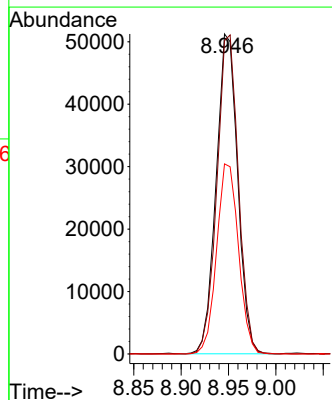
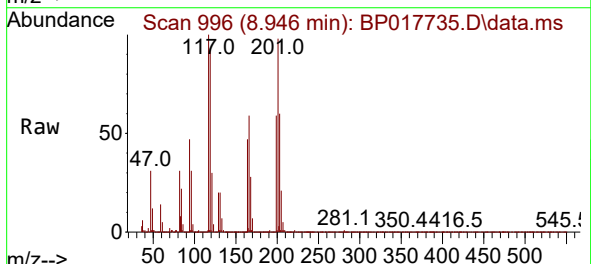
Instrument :
BNA_P
ClientSampleId :
SSTD020786

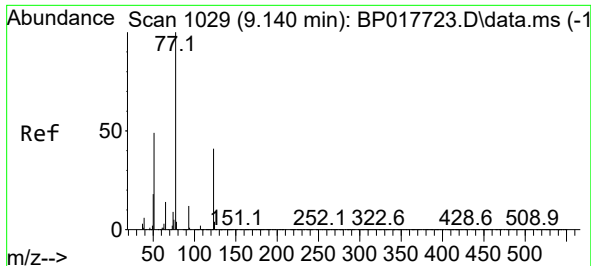
Tgt Ion:108 Resp: 168942
Ion Ratio Lower Upper
108 100
107 115.8 87.5 131.3



#19
Hexachloroethane
Concen: 21.392 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:117 Resp: 80984
Ion Ratio Lower Upper
117 100
201 97.9 96.3 144.5
199 59.4 57.7 86.5

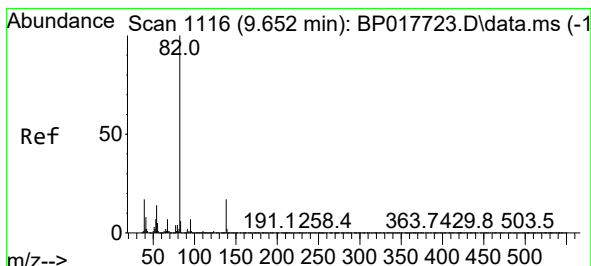
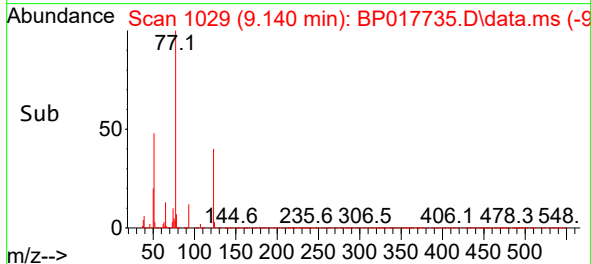
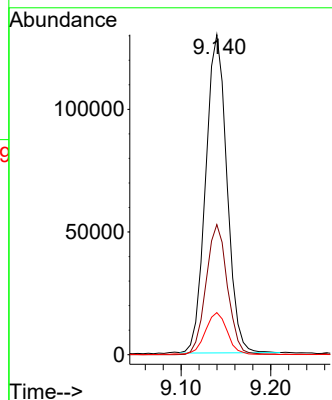
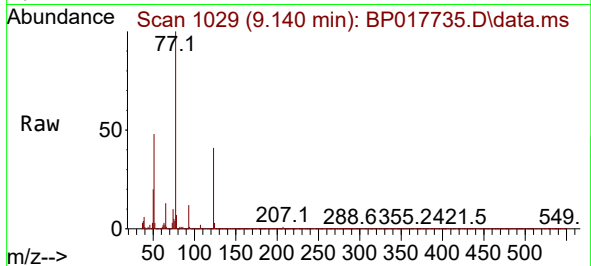




#22
Nitrobenzene
Concen: 22.455 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

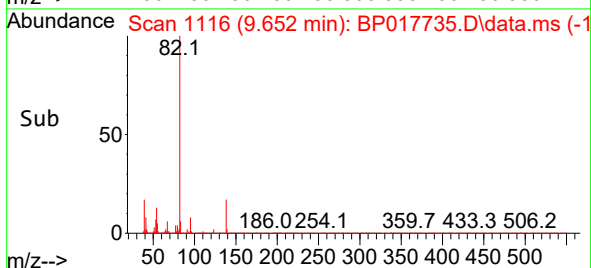
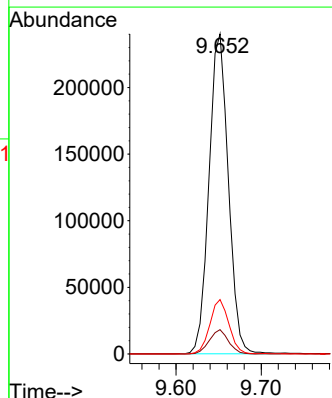
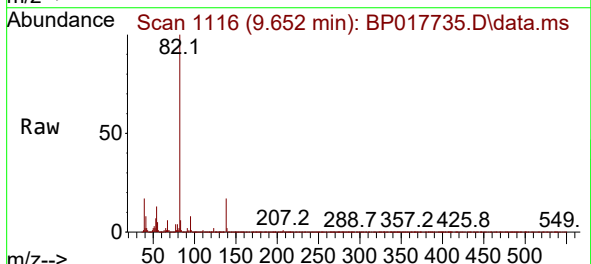
Instrument :
BNA_P
ClientSampleId :
SSTD020786

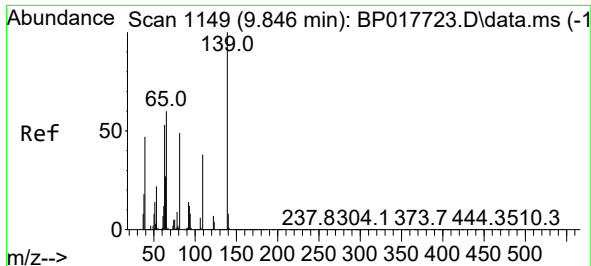
Tgt Ion: 77 Resp: 213500
Ion Ratio Lower Upper
77 100
123 40.7 33.5 50.3
65 13.2 10.8 16.2



#23
Isophorone
Concen: 22.256 ng/ul
RT: 9.652 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion: 82 Resp: 378390
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 17.0 14.4 21.6

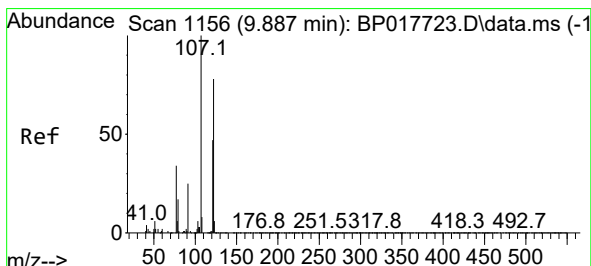
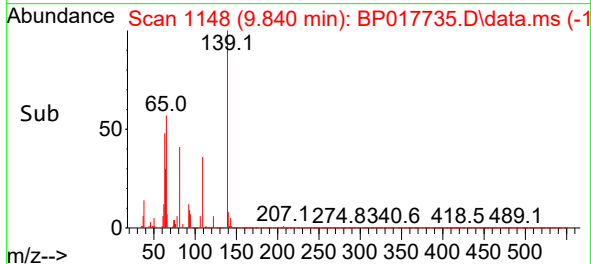
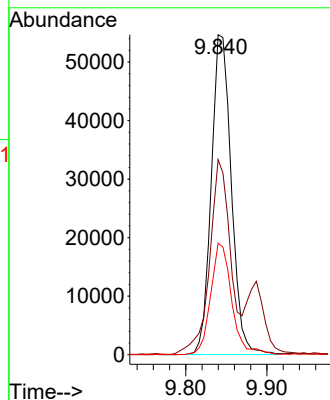
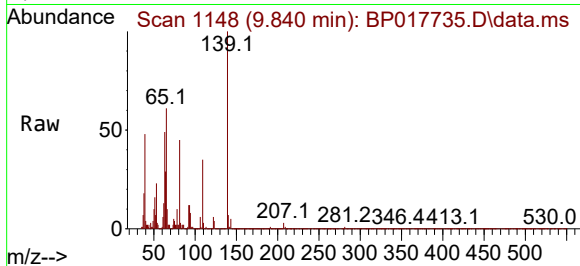




#25
2-Nitrophenol
Concen: 20.803 ng/ul
RT: 9.840 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

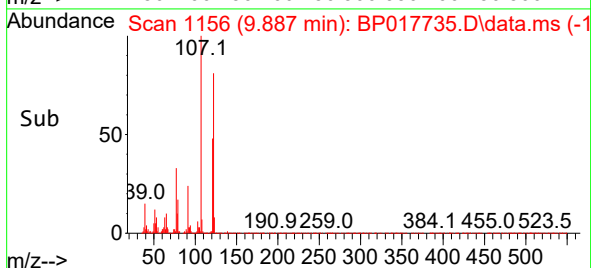
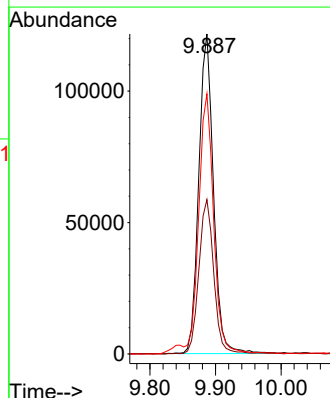
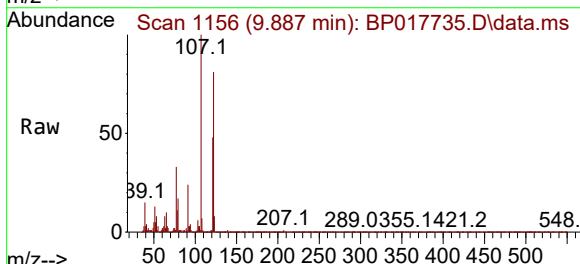
Instrument :
BNA_P
ClientSampleId :
SSTD020786

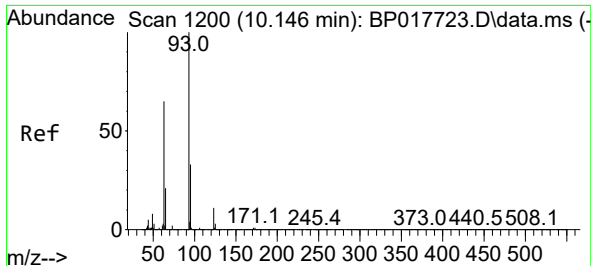
Tgt Ion:139 Resp: 93686
Ion Ratio Lower Upper
139 100
65 61.0 40.4 60.6#
109 34.8 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 21.511 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:107 Resp: 190138
Ion Ratio Lower Upper
107 100
121 48.2 40.6 61.0
122 81.3 66.9 100.3

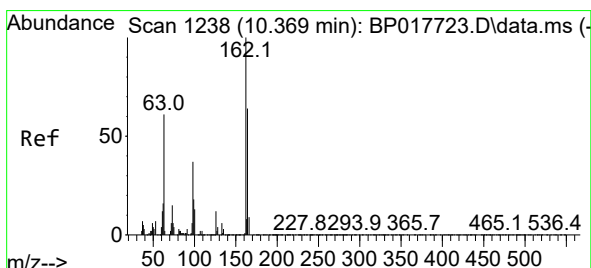
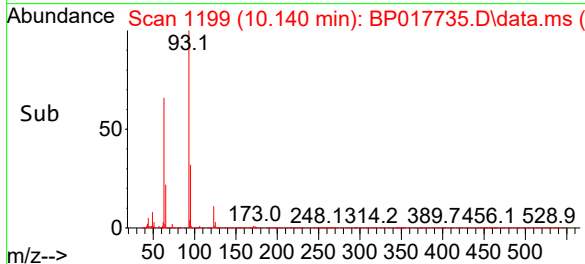
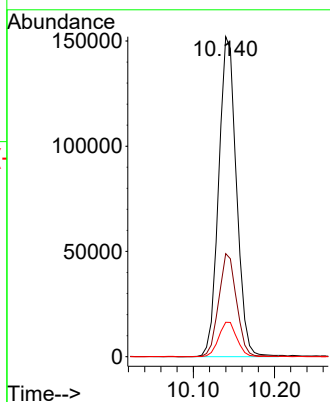
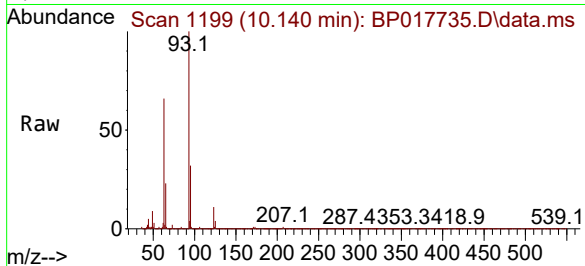




#27
Bis(2-Chloroethoxy)methane
Concen: 22.034 ng/ul
RT: 10.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

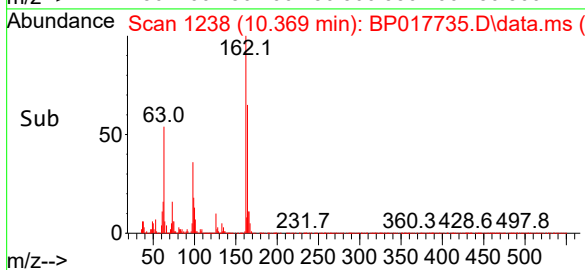
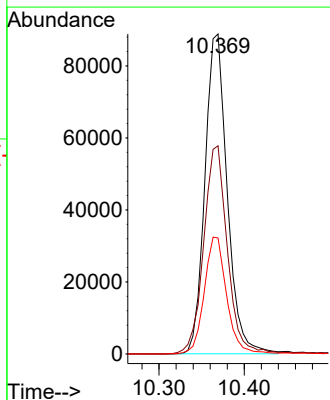
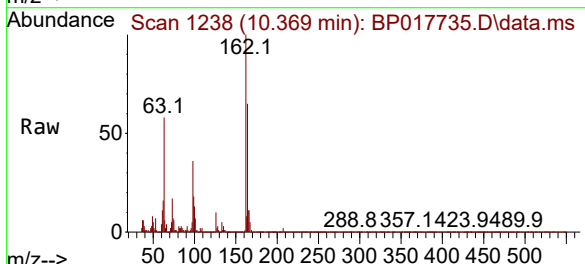
Instrument :
BNA_P
ClientSampleId :
SSTD020786

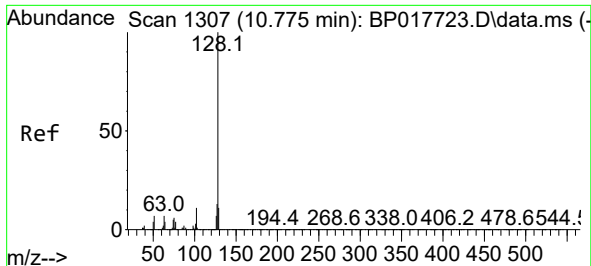
Tgt Ion: 93 Resp: 231704
Ion Ratio Lower Upper
93 100
95 32.2 24.7 37.1
123 10.8 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 20.443 ng/ul
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:162 Resp: 161788
Ion Ratio Lower Upper
162 100
164 65.1 53.8 80.8
98 36.3 25.5 38.3

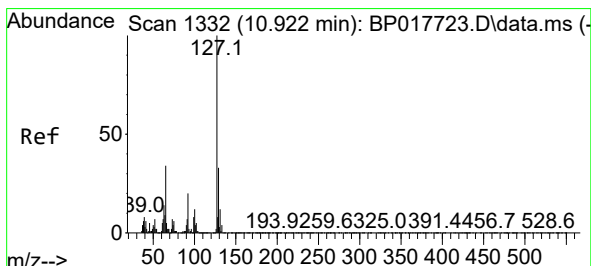
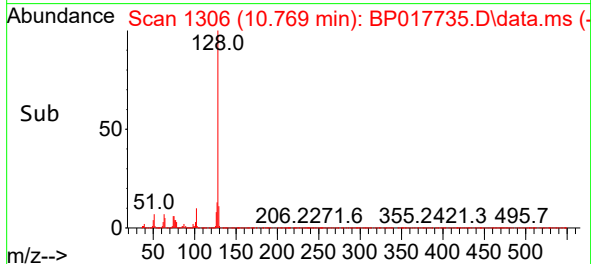
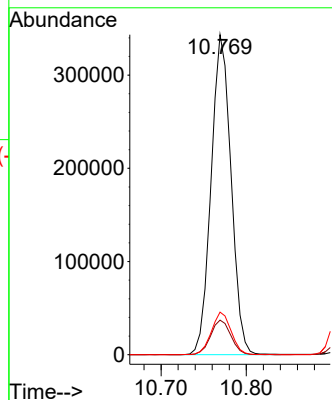
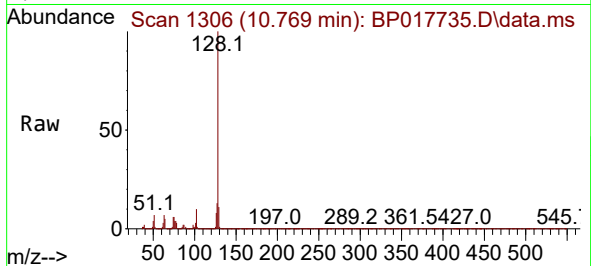




#30
Naphthalene
Concen: 20.584 ng/ul
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

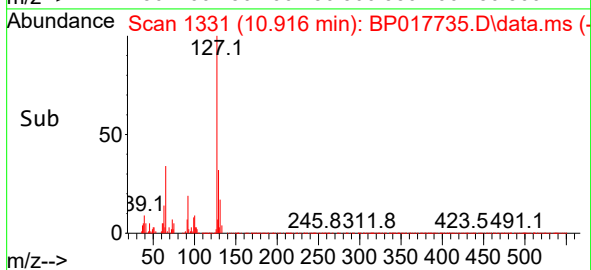
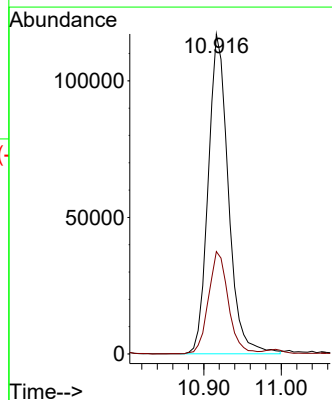
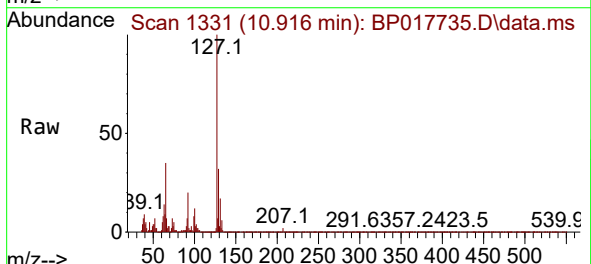
Instrument :
BNA_P
ClientSampleId :
SSTD020786

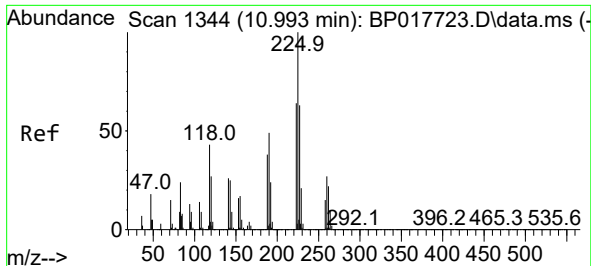
Tgt Ion:128 Resp: 558228
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 20.365 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:127 Resp: 211215
Ion Ratio Lower Upper
127 100
129 32.0 25.1 37.7

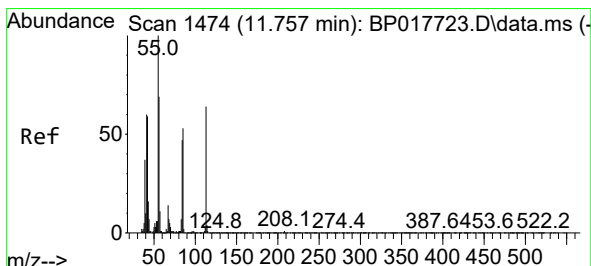
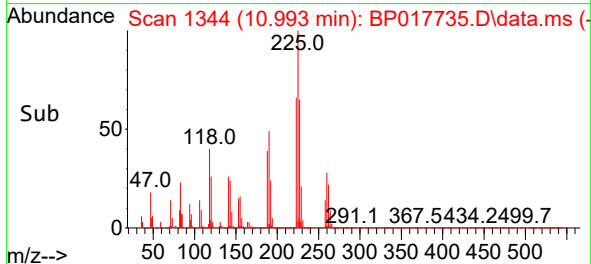
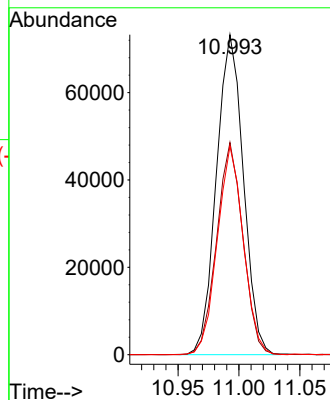
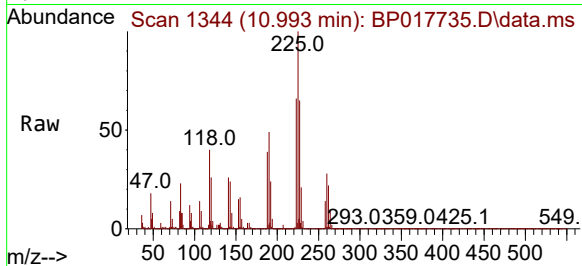




#33
Hexachlorobutadiene
Concen: 17.576 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

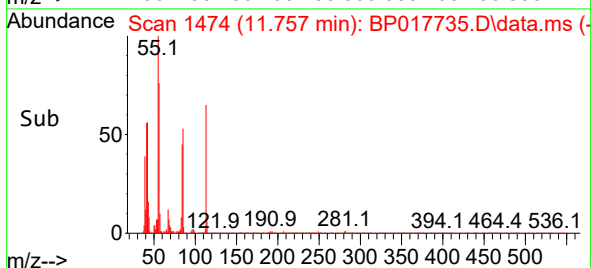
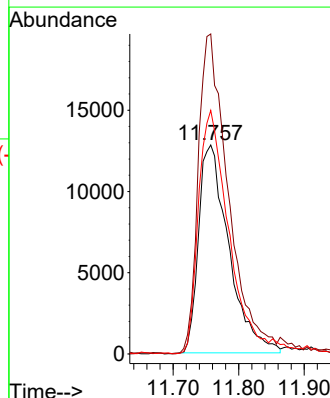
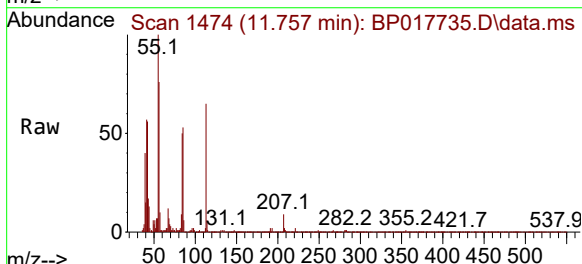
Instrument :
BNA_P
ClientSampleId :
SSTD020786

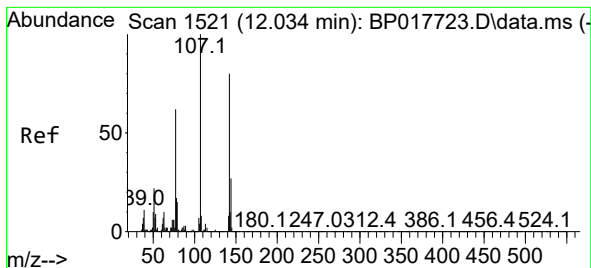
Tgt Ion:225 Resp: 112938
Ion Ratio Lower Upper
225 100
223 66.3 50.6 75.8
227 65.2 50.1 75.1



#34
Caprolactam
Concen: 20.173 ng/ul
RT: 11.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:113 Resp: 41109
Ion Ratio Lower Upper
113 100
55 153.2 112.1 168.1
56 116.6 87.0 130.6

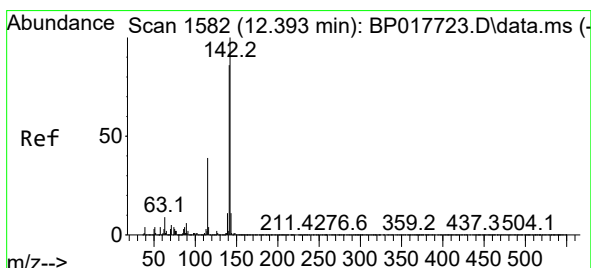
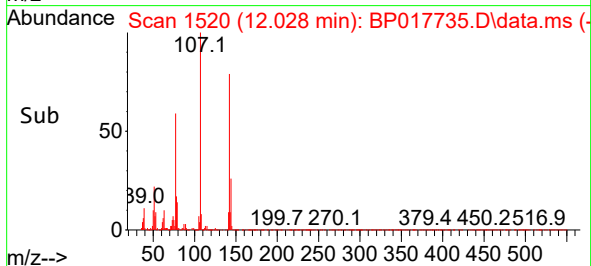
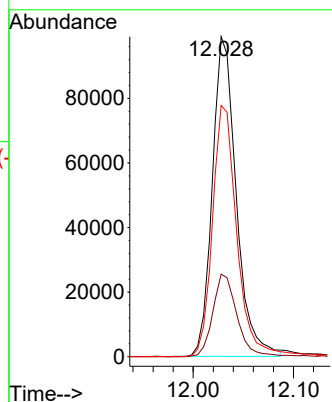
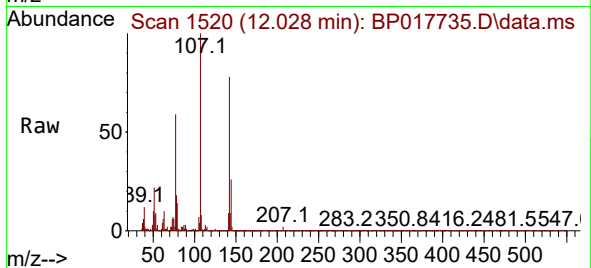




#35
4-Chloro-3-methylphenol
Concen: 22.055 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

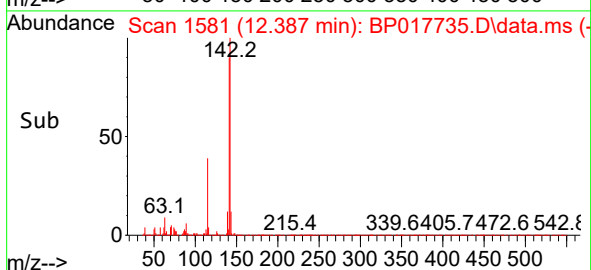
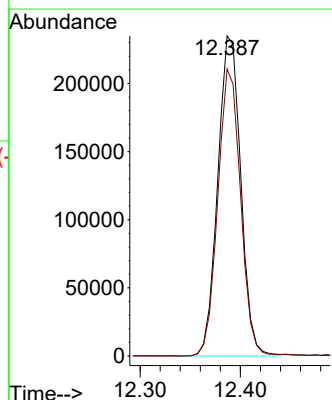
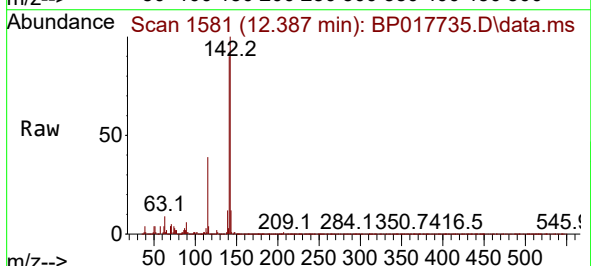
Instrument :
BNA_P
ClientSampleId :
SSTD020786

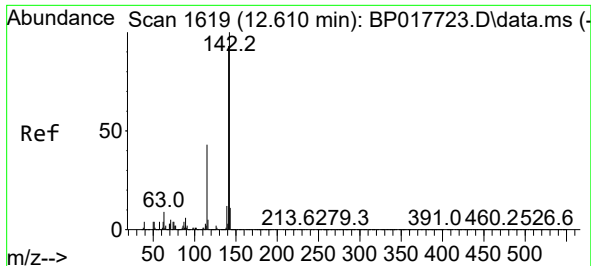
Tgt Ion:107 Resp: 164327
Ion Ratio Lower Upper
107 100
144 25.8 22.9 34.3
142 78.5 68.1 102.1



#36
2-Methylnaphthalene
Concen: 20.405 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:142 Resp: 373788
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3





#37

1-Methylnaphthalene

Concen: 20.267 ng/ul

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

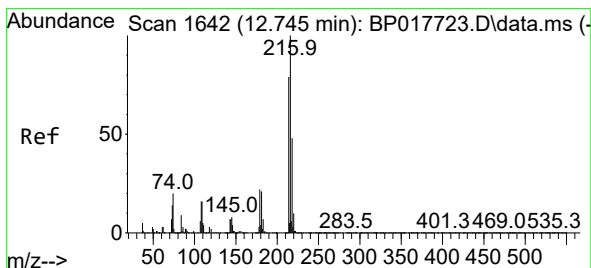
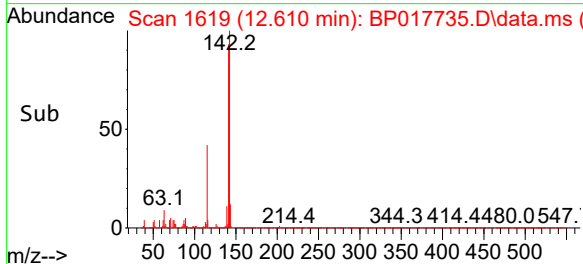
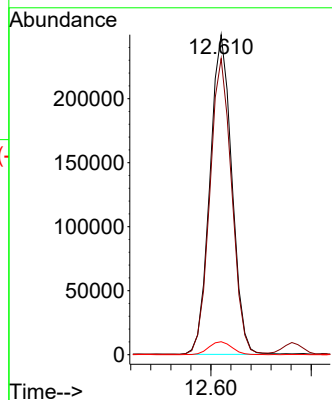
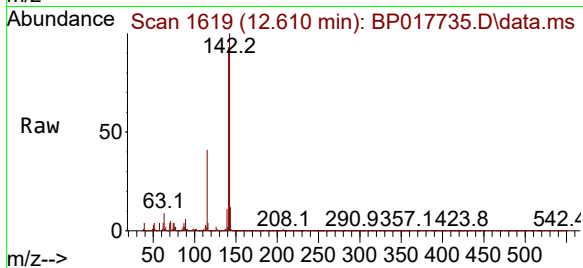
Tgt Ion:142 Resp: 379677

Ion Ratio Lower Upper

142 100

141 92.6 72.5 108.7

116 4.0 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.725 ng/ul

RT: 12.740 min Scan# 1641

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Tgt Ion:216 Resp: 201462

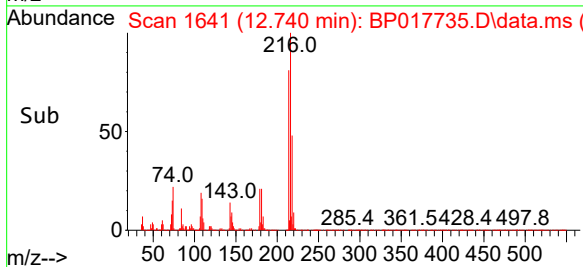
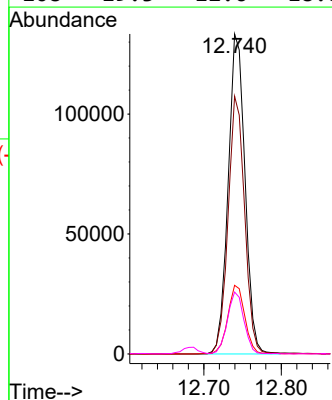
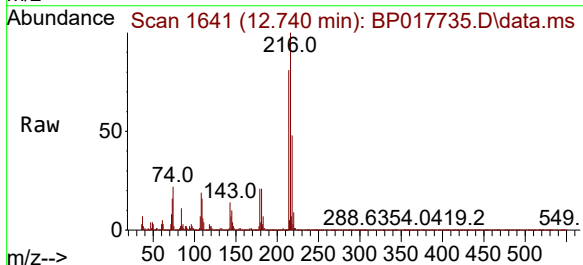
Ion Ratio Lower Upper

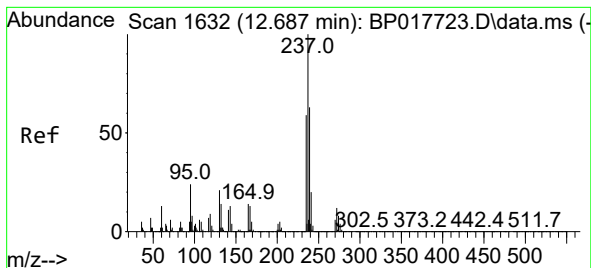
216 100

214 80.5 62.2 93.2

179 21.5 15.8 23.8

108 19.3 12.6 18.8#





#40

Hexachlorocyclopentadiene

Concen: 15.393 ng/ul

RT: 12.681 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

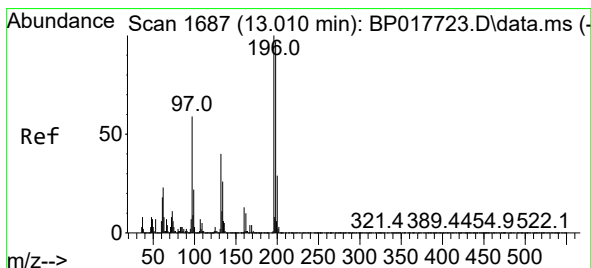
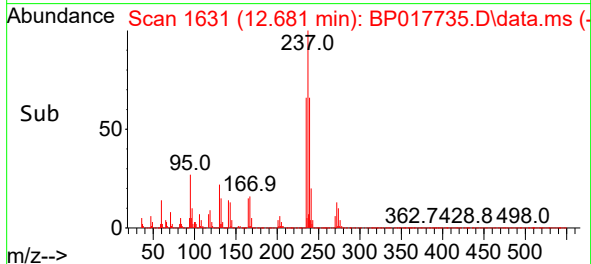
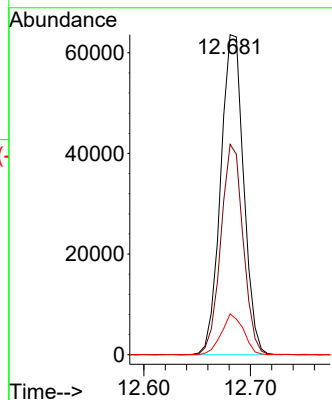
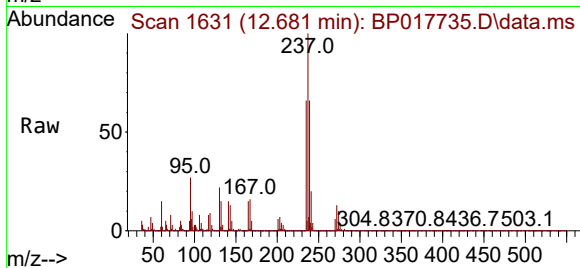
Tgt Ion:237 Resp: 95148

Ion Ratio Lower Upper

237 100

235 65.7 50.3 75.5

272 12.7 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 19.578 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

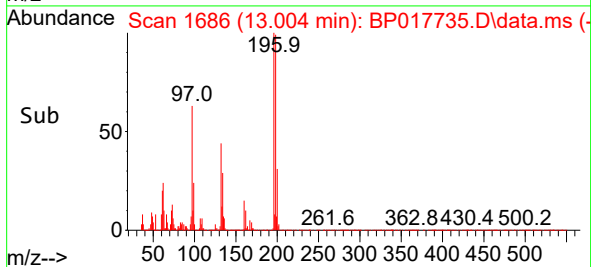
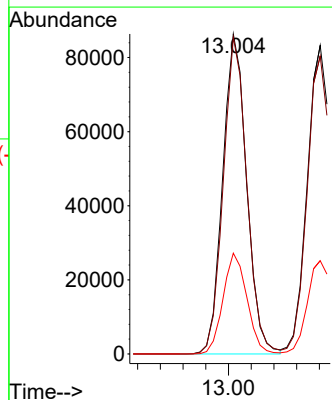
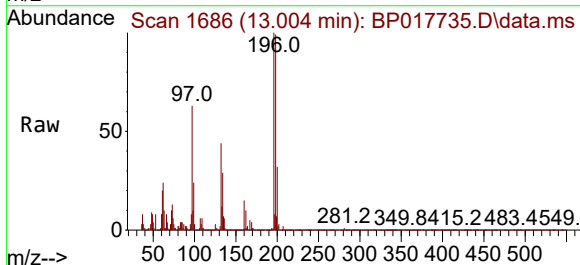
Tgt Ion:196 Resp: 126414

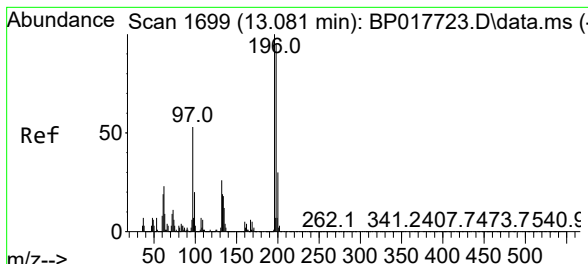
Ion Ratio Lower Upper

196 100

198 99.0 74.7 112.1

200 31.5 23.7 35.5

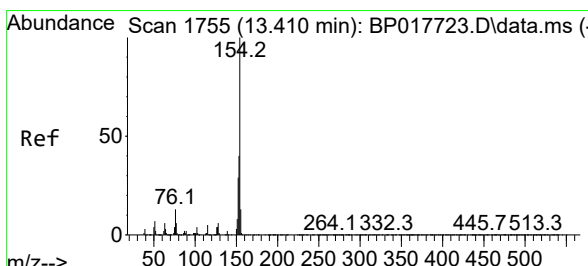
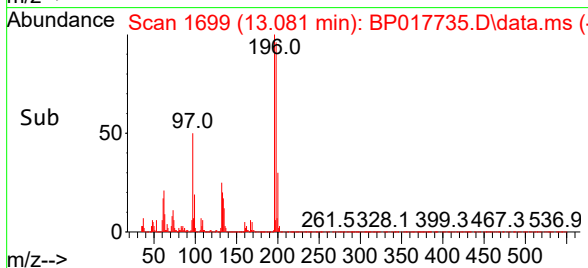
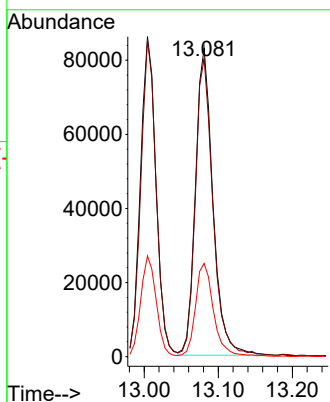
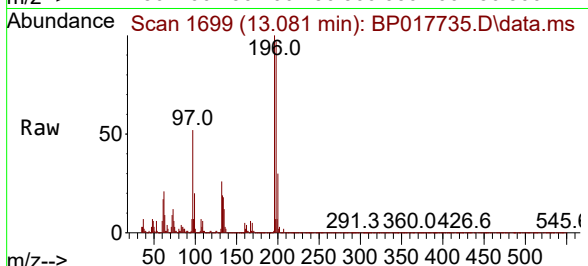




#42
2,4,5-Trichlorophenol
Concen: 20.378 ng/ul
RT: 13.081 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

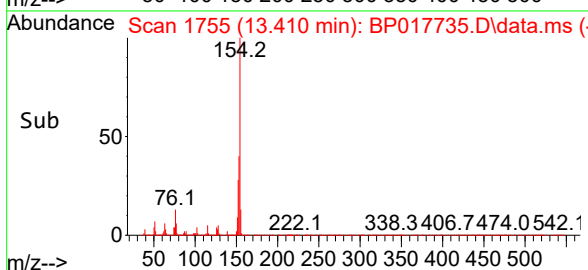
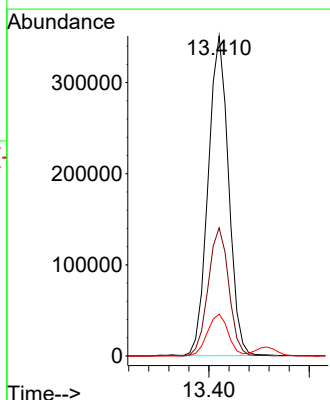
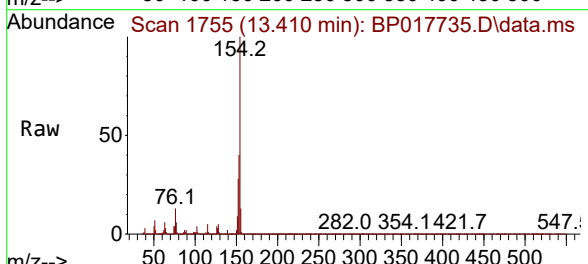
Instrument :
BNA_P
ClientSampleId :
SSTD020786

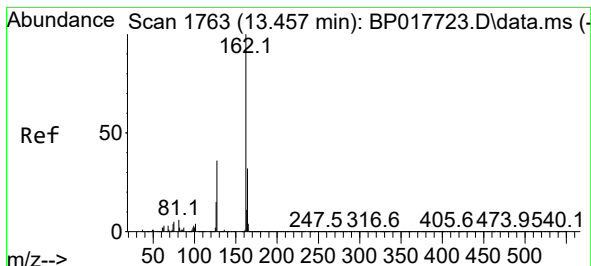
Tgt Ion:	196	Resp:	136041
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.0	114.0
200	30.2	24.3	36.5



#43
1,1'-Biphenyl
Concen: 20.676 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:	154	Resp:	495298
Ion Ratio	Lower	Upper	
154	100		
153	40.1	32.6	49.0
76	13.1	9.8	14.8





#44

2-Chloronaphthalene

Concen: 20.555 ng/ul

RT: 13.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

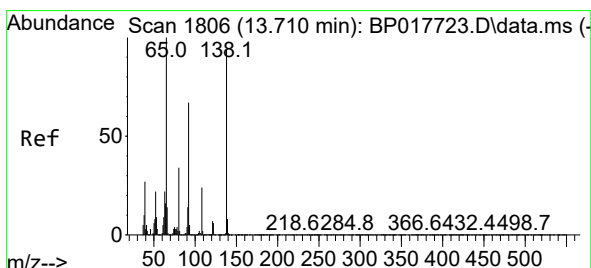
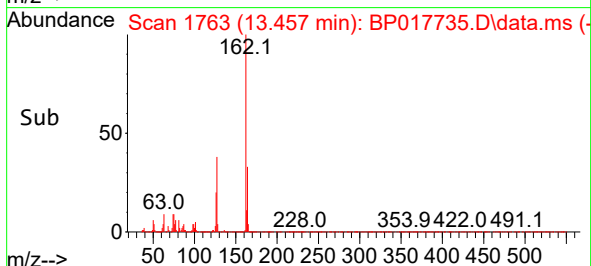
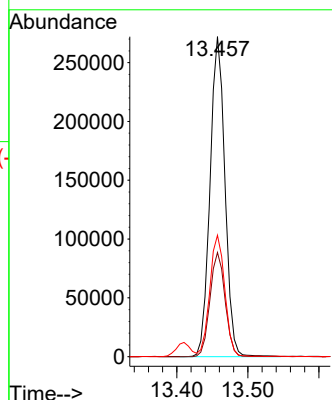
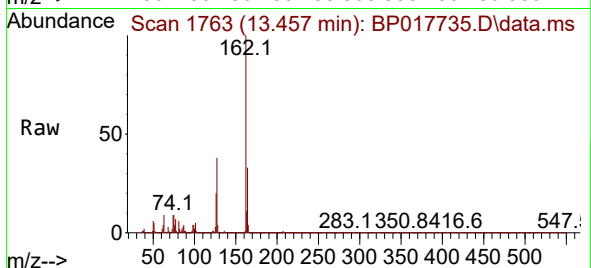
Tgt Ion:162 Resp: 398048

Ion Ratio Lower Upper

162 100

164 32.6 25.9 38.9

127 38.0 29.9 44.9



#45

2-Nitroaniline

Concen: 23.932 ng/ul

RT: 13.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

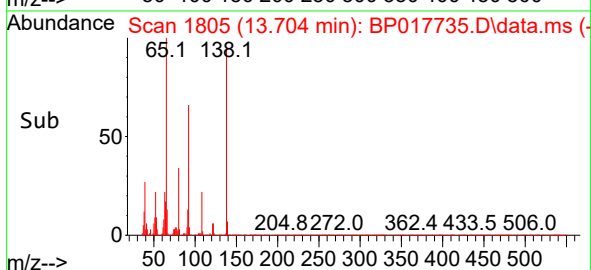
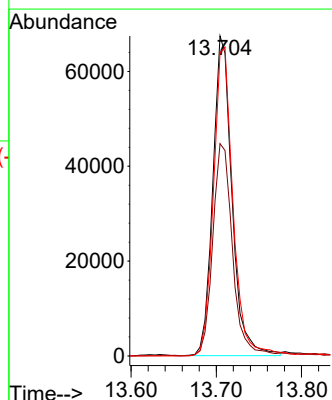
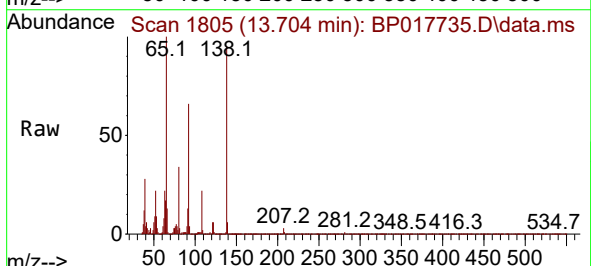
Tgt Ion: 65 Resp: 105311

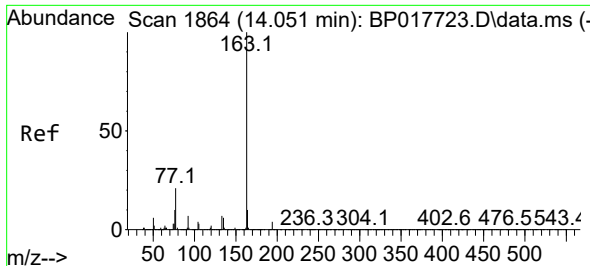
Ion Ratio Lower Upper

65 100

92 66.3 56.2 84.4

138 94.8 85.9 128.9

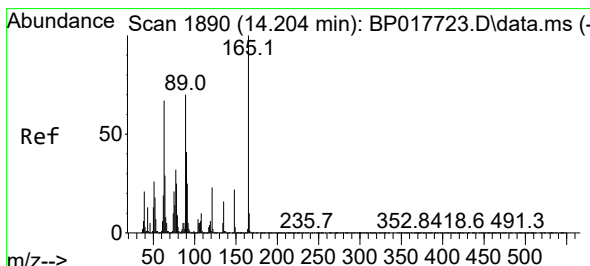
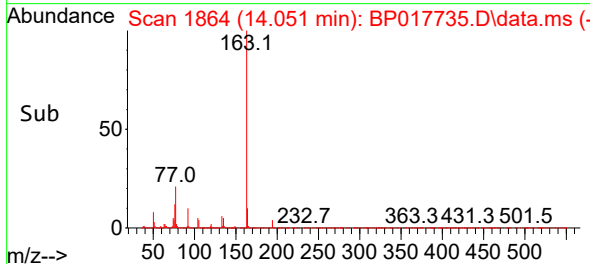
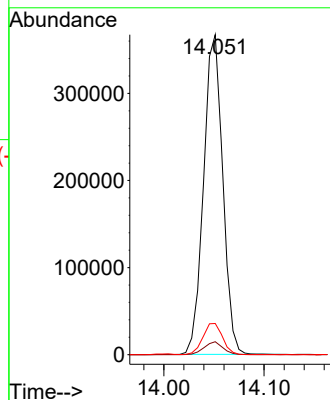
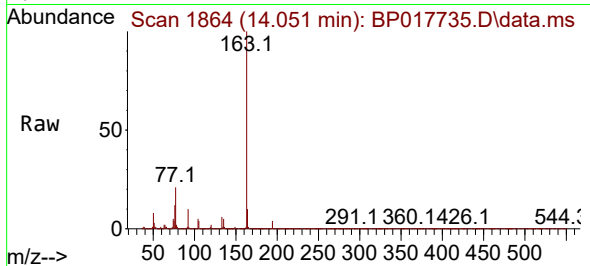




#47
Dimethylphthalate
Concen: 20.320 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

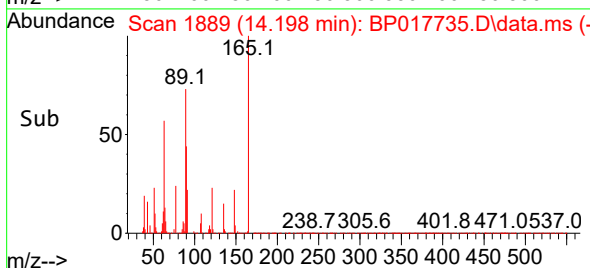
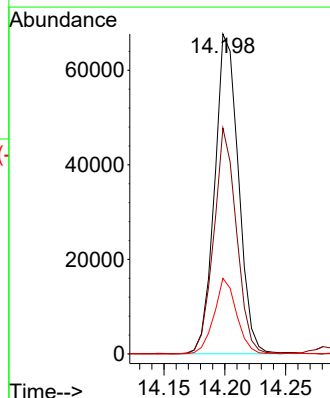
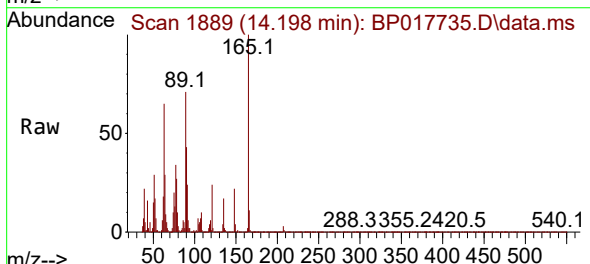
Instrument :
BNA_P
ClientSampleId :
SSTD020786

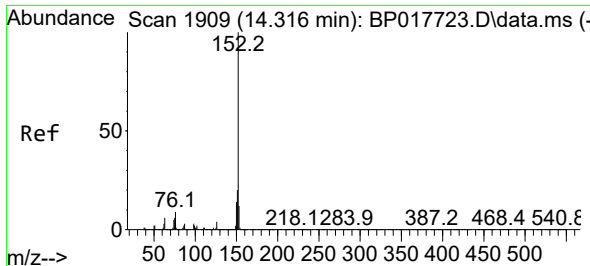
Tgt Ion:163 Resp: 488825
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.792 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:165 Resp: 92065
Ion Ratio Lower Upper
165 100
89 70.6 48.0 72.0
121 23.7 16.6 24.8

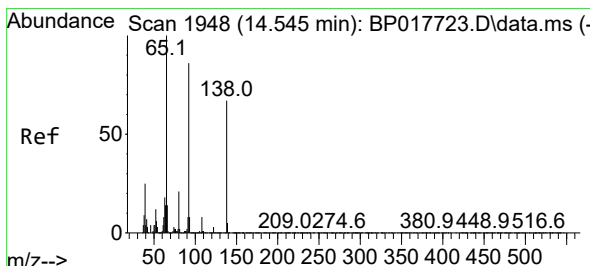
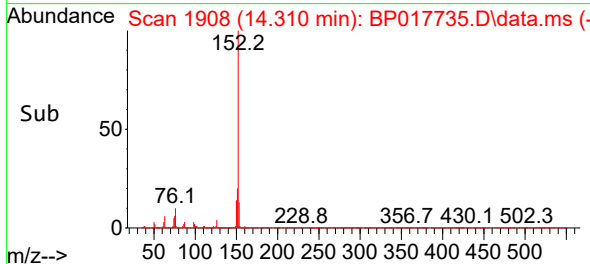
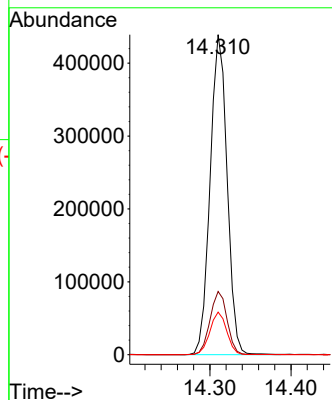
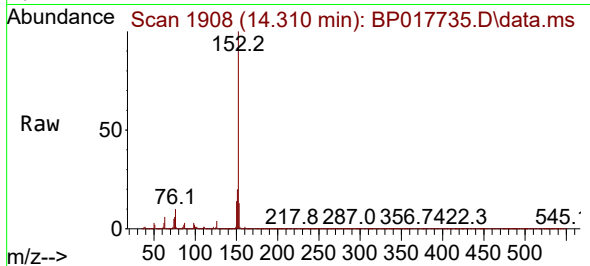




#50
Acenaphthylene
Concen: 20.885 ng/ul
RT: 14.310 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

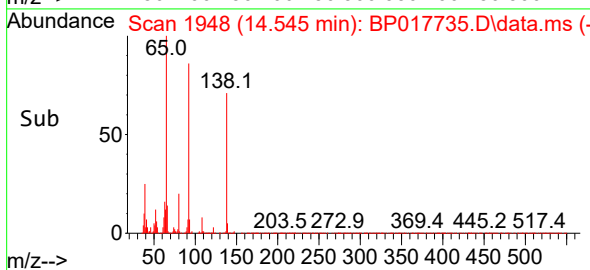
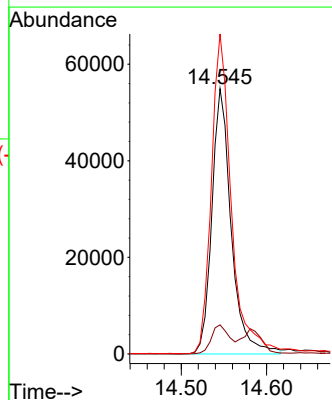
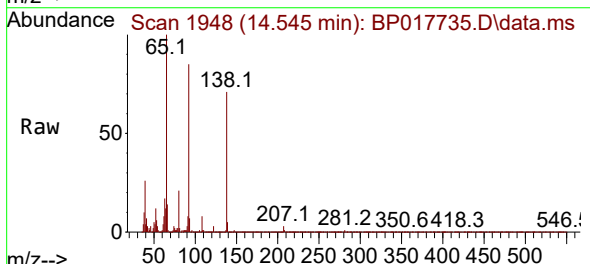
Instrument :
BNA_P
ClientSampleId :
SSTD020786

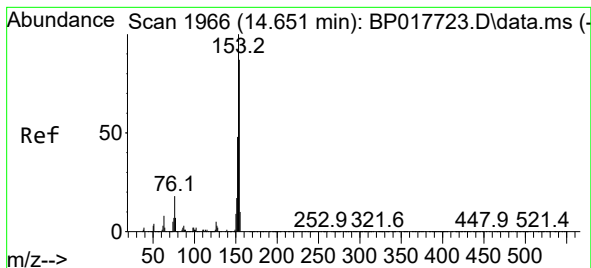
Tgt Ion:152 Resp: 636810
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 20.577 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:138 Resp: 86657
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 120.6 95.2 142.8





#52

Acenaphthene

Concen: 20.594 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

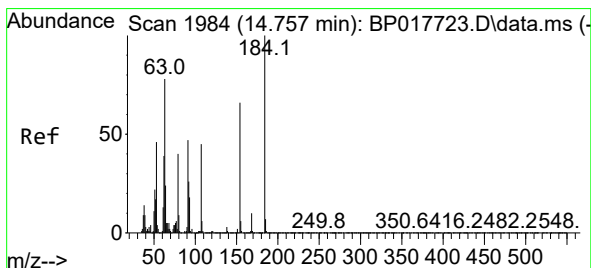
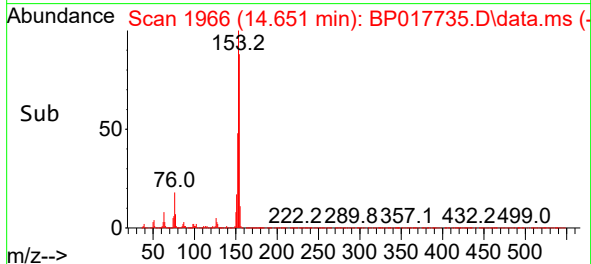
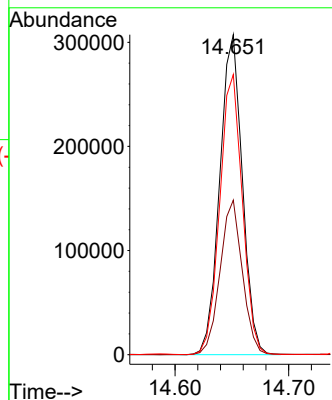
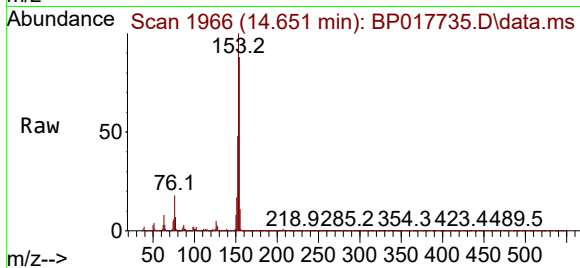
Tgt Ion:153 Resp: 424506

Ion Ratio Lower Upper

153 100

152 48.3 37.6 56.4

154 87.6 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 13.143 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

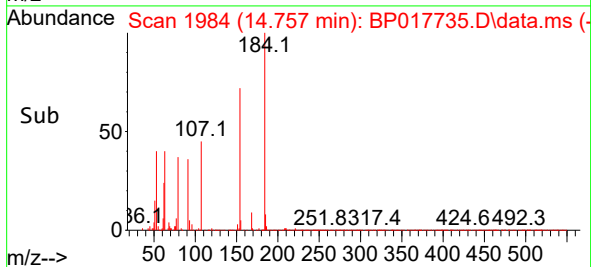
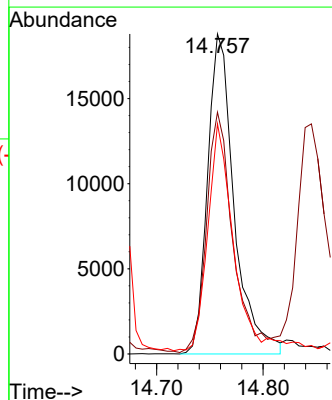
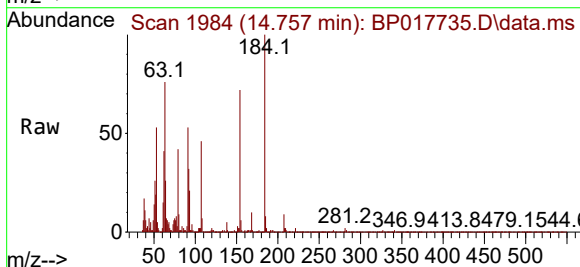
Tgt Ion:184 Resp: 32667

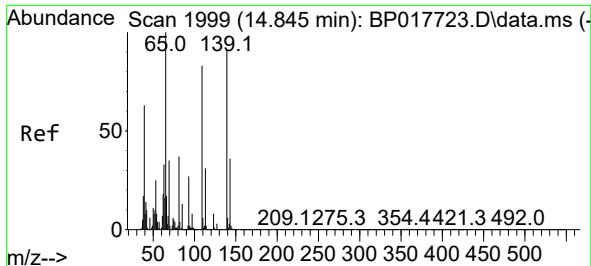
Ion Ratio Lower Upper

184 100

63 75.5 50.6 76.0

154 71.9 47.9 71.9#

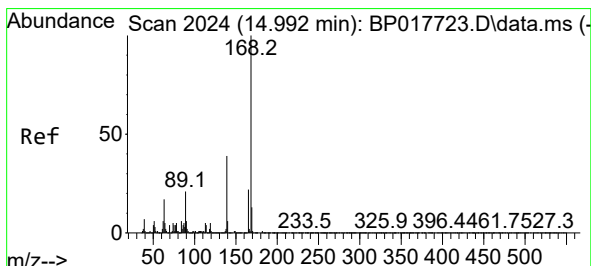
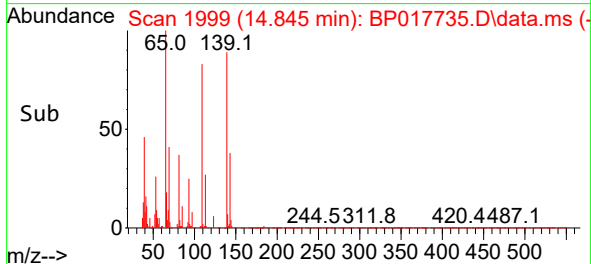
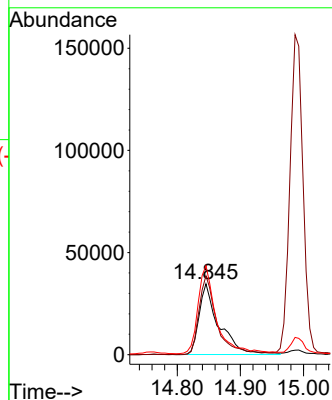
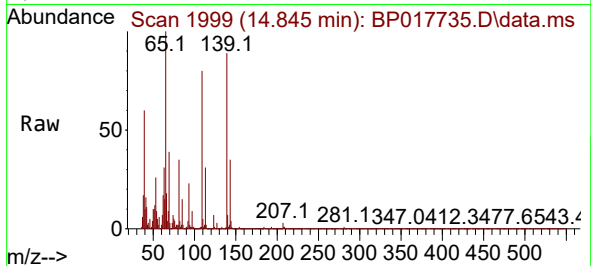




#55
4-Nitrophenol
Concen: 20.643 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

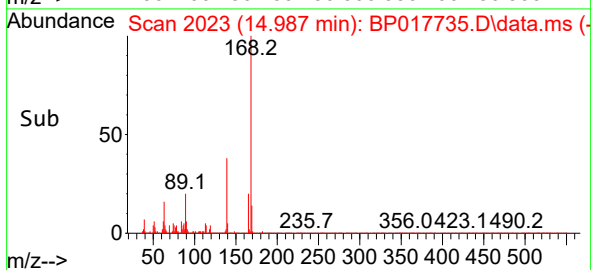
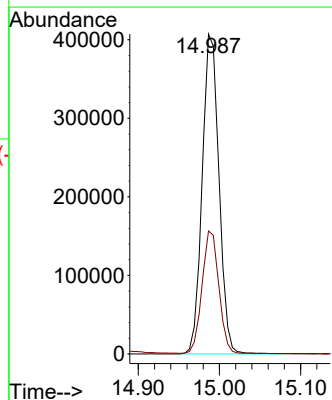
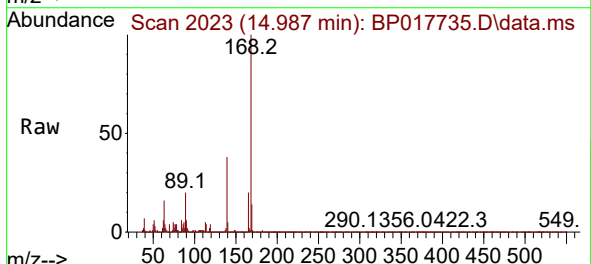
Instrument :
BNA_P
ClientSampleId :
SSTD020786

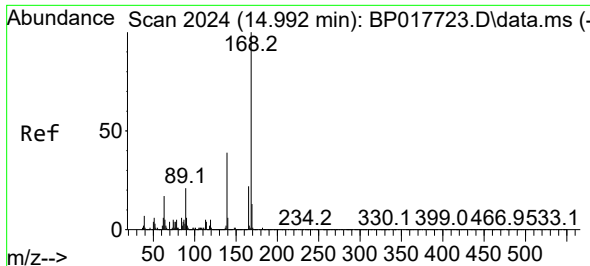
Tgt Ion:109 Resp: 76000
Ion Ratio Lower Upper
109 100
139 111.2 92.9 139.3
65 125.4 94.5 141.7



#56
Dibenzofuran
Concen: 20.200 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:168 Resp: 584580
Ion Ratio Lower Upper
168 100
139 38.5 28.6 43.0

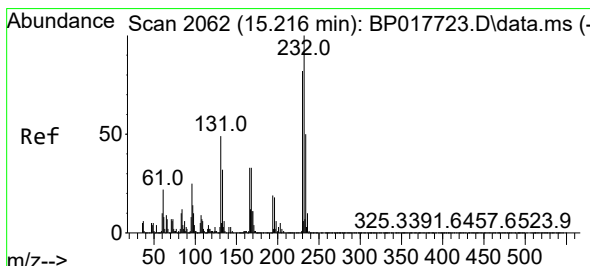
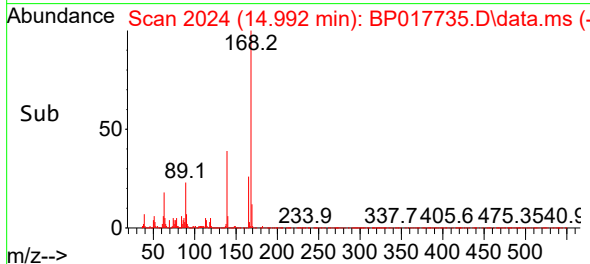
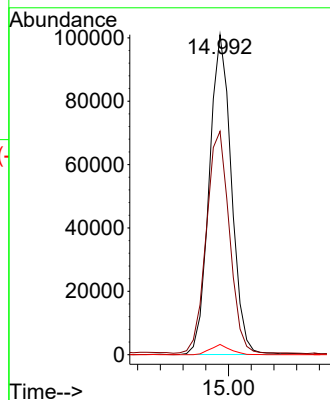
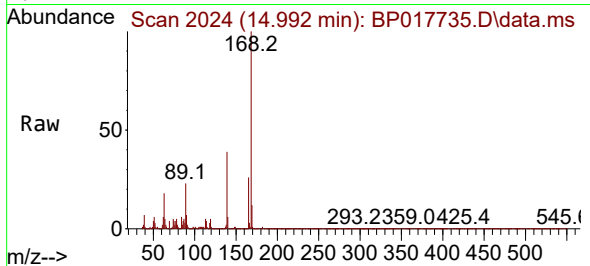




#57
2,4-Dinitrotoluene
Concen: 20.877 ng/ul
RT: 14.992 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

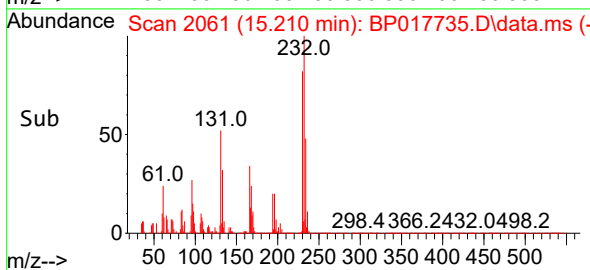
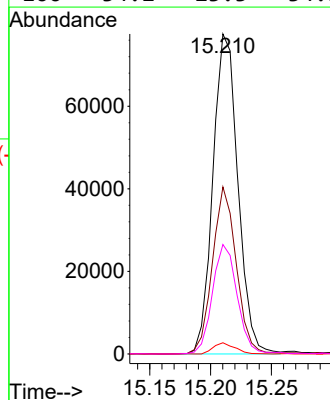
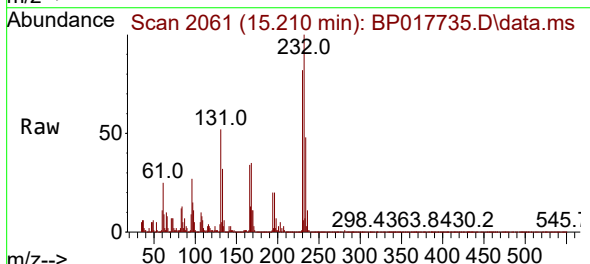
Instrument :
BNA_P
ClientSampleId :
SSTD020786

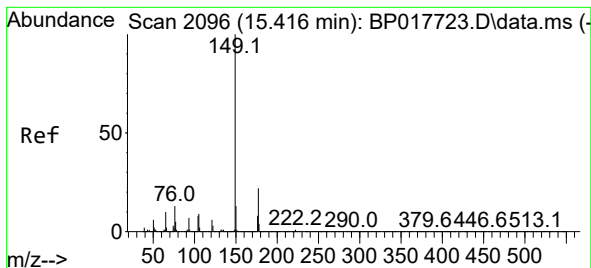
Tgt Ion:165 Resp: 136429
Ion Ratio Lower Upper
165 100
63 69.8 51.1 76.7
182 3.2 2.7 4.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.681 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:232 Resp: 110667
Ion Ratio Lower Upper
232 100
131 52.2 32.9 49.3#
130 3.5 1.8 2.8#
166 34.2 23.3 34.9





#59

Diethylphthalate

Concen: 20.828 ng/ul

RT: 15.410 min Scan# 2096

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

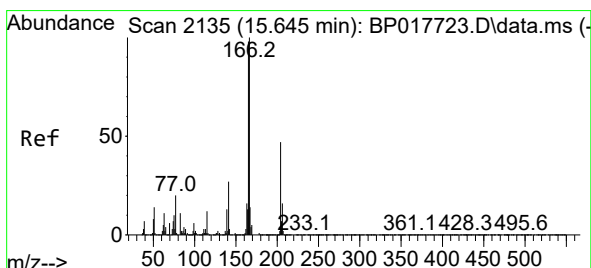
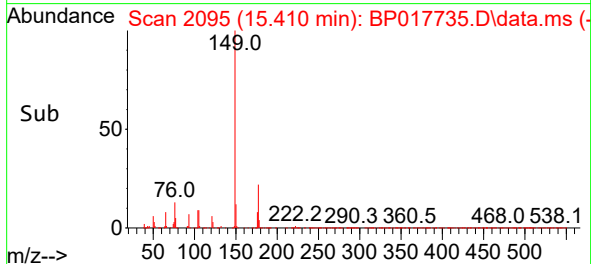
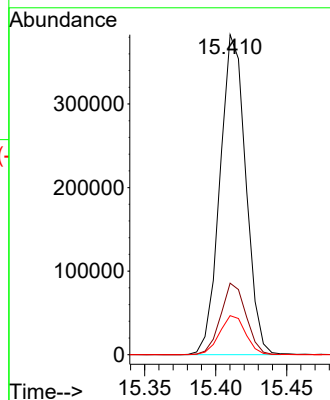
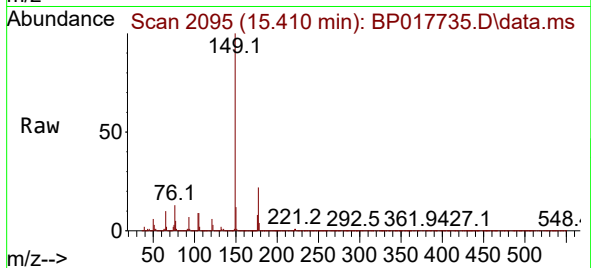
Tgt Ion:149 Resp: 483759

Ion Ratio Lower Upper

149 100

177 22.4 18.0 27.0

150 12.2 10.2 15.4



#61

Fluorene

Concen: 20.098 ng/ul

RT: 15.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

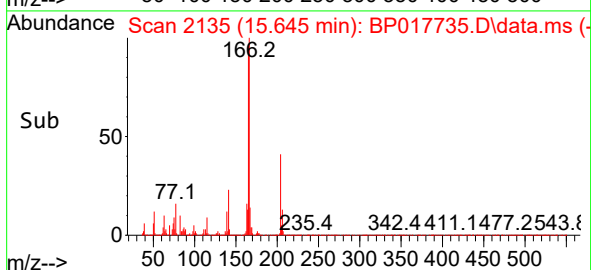
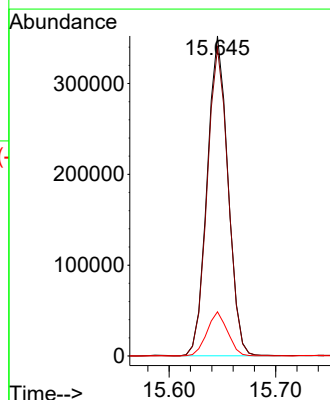
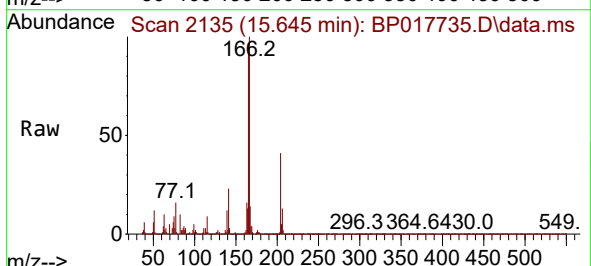
Tgt Ion:166 Resp: 477776

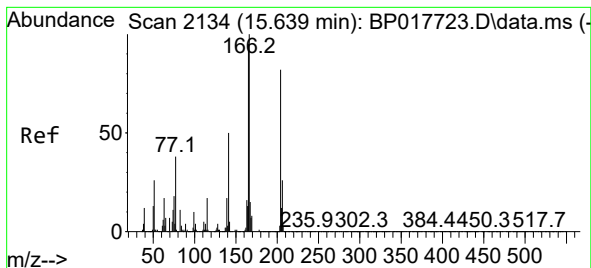
Ion Ratio Lower Upper

166 100

165 96.2 77.4 116.0

167 13.8 10.9 16.3

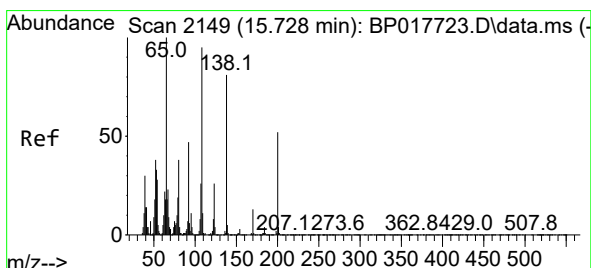
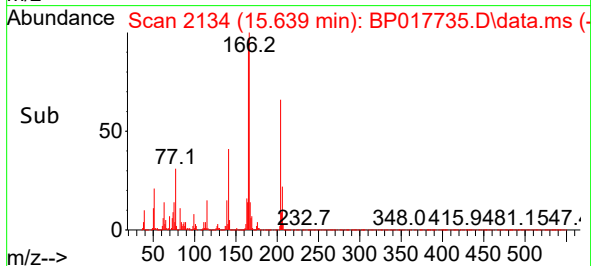
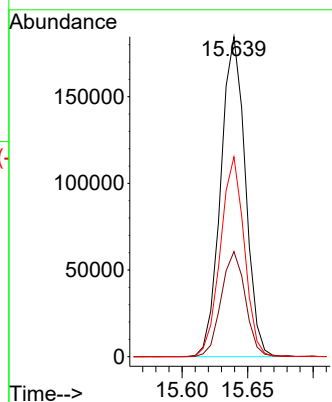
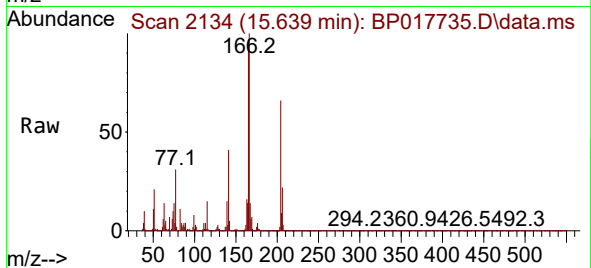




#62
4-Chlorophenyl-phenylether
Concen: 19.038 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

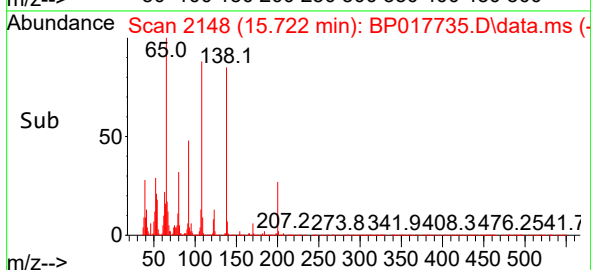
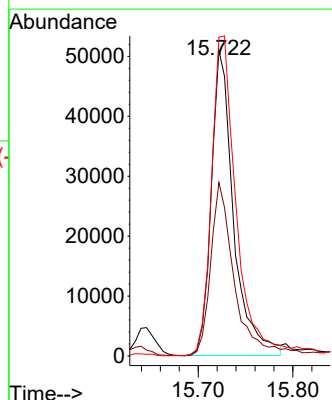
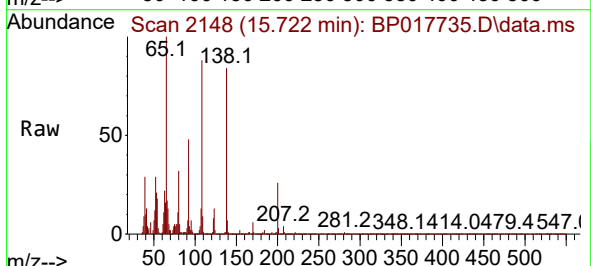
Instrument :
BNA_P
ClientSampleId :
SSTD020786

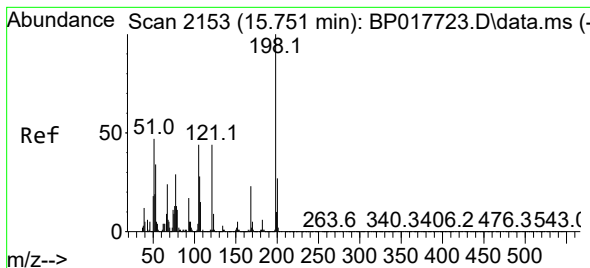
Tgt Ion:204 Resp: 240548
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.5 42.9 64.3



#63
4-Nitroaniline
Concen: 21.894 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:138 Resp: 83161
Ion Ratio Lower Upper
138 100
92 56.8 43.0 64.6
108 104.3 82.7 124.1

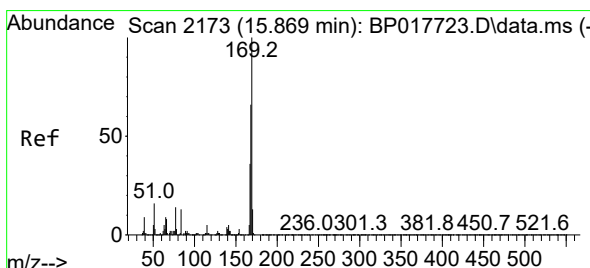
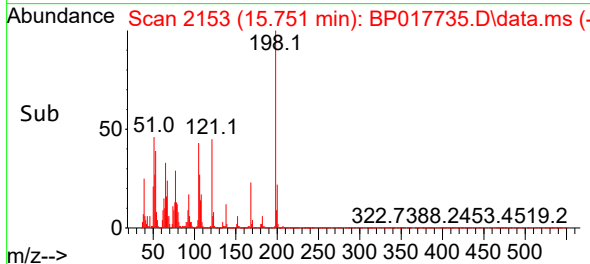
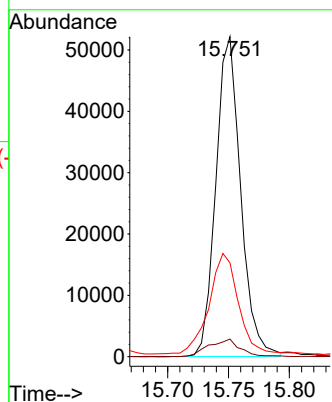
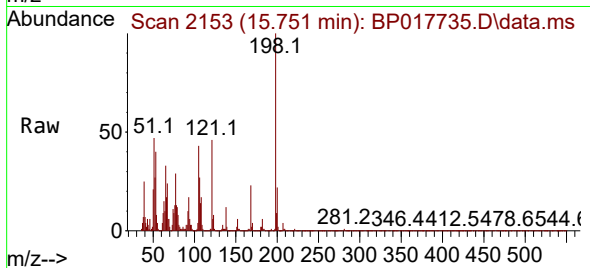




#66
4,6-Dinitro-2-methylphenol
Concen: 17.254 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

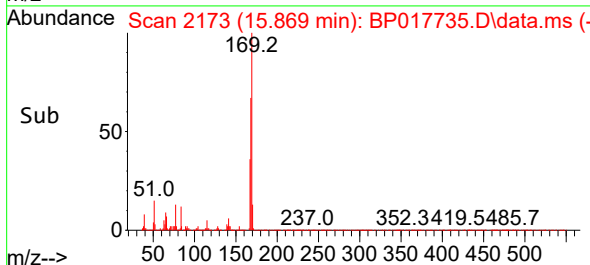
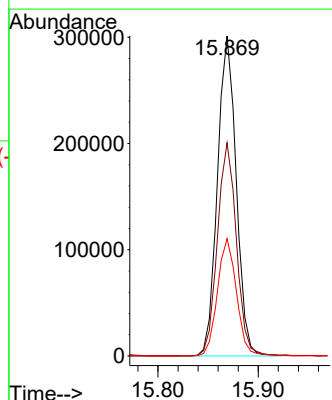
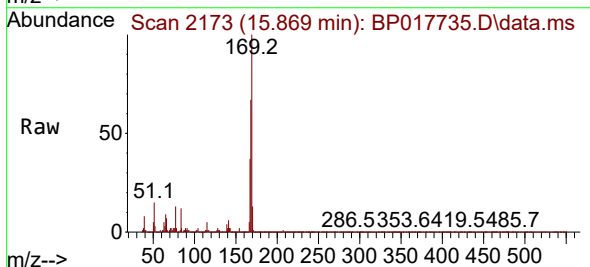
Instrument :
BNA_P
ClientSampleId :
SSTD020786

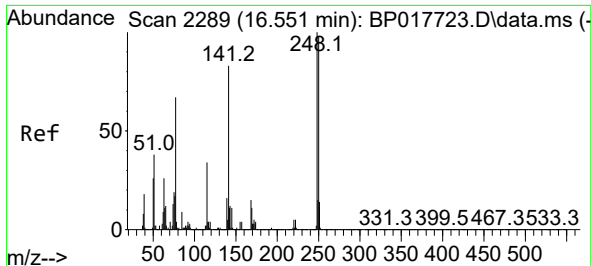
Tgt Ion:198 Resp: 74015
Ion Ratio Lower Upper
198 100
182 5.5 3.9 5.9
77 29.4 19.8 29.8



#67
N-Nitrosodiphenylamine
Concen: 21.225 ng/ul
RT: 15.869 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:169 Resp: 390975
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.6 29.4 44.0

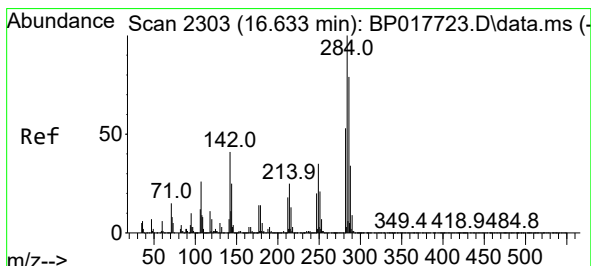
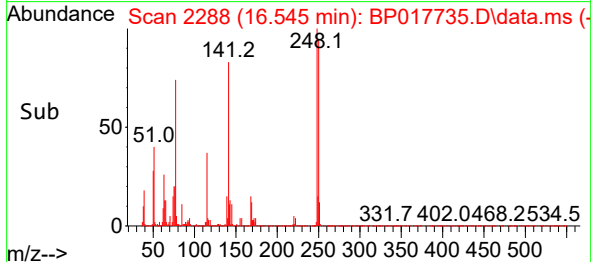
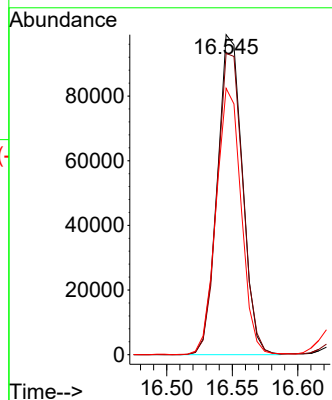
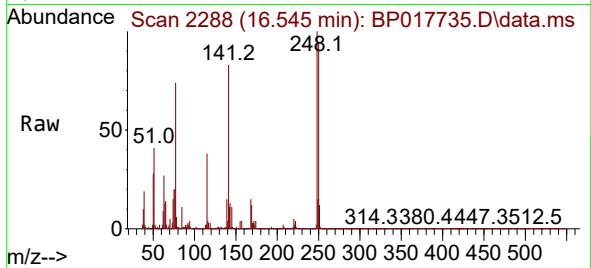




#68
4-Bromophenyl-phenylether
Concen: 18.520 ng/ul
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

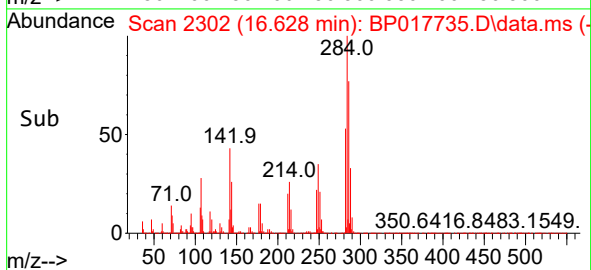
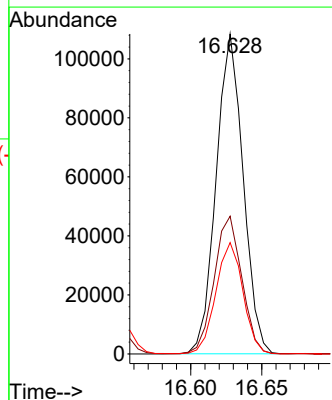
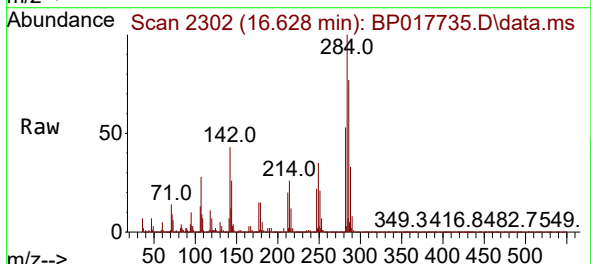
Instrument :
BNA_P
ClientSampleId :
SSTD020786

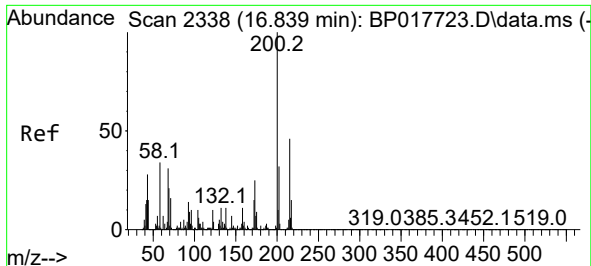
Tgt Ion:248 Resp: 131753
Ion Ratio Lower Upper
248 100
250 94.2 76.8 115.2
141 83.3 52.4 78.6#



#69
Hexachlorobenzene
Concen: 17.536 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:284 Resp: 143227
Ion Ratio Lower Upper
284 100
142 43.1 27.6 41.4#
249 34.8 24.5 36.7

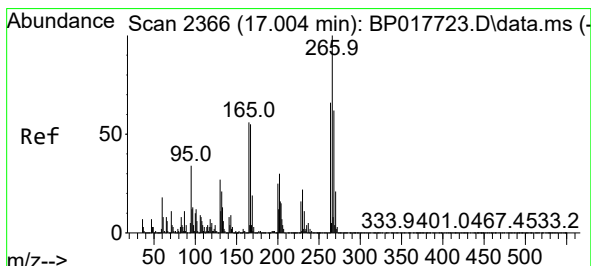
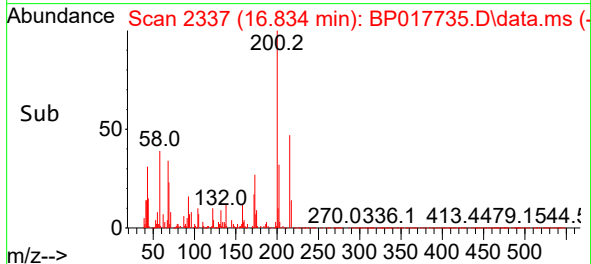
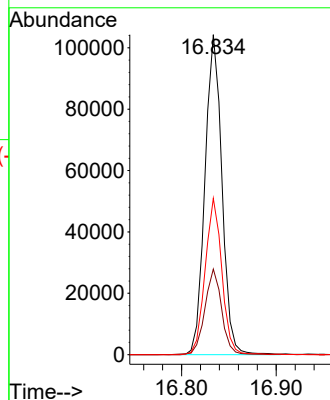
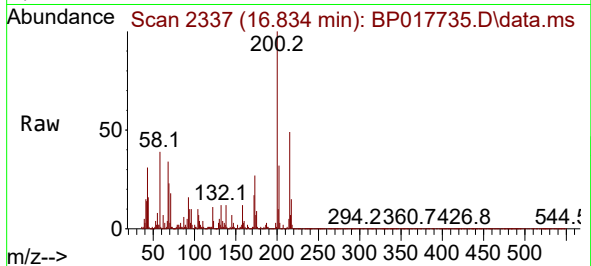




#70
Atrazine
Concen: 19.122 ng/ul
RT: 16.834 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

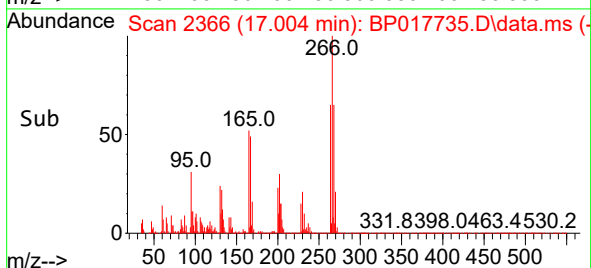
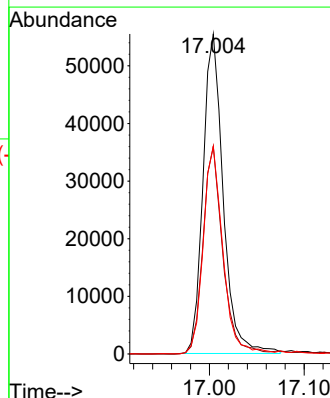
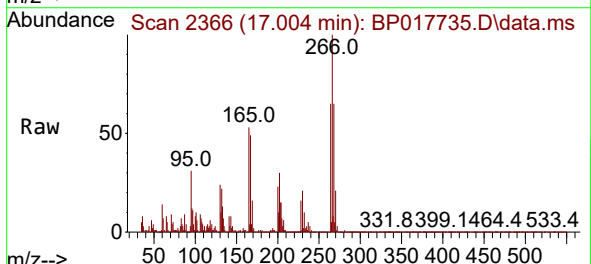
Instrument :
BNA_P
ClientSampleId :
SSTD020786

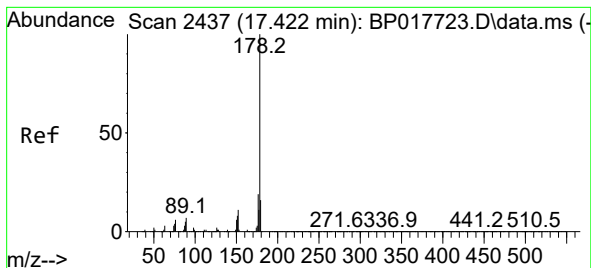
Tgt Ion:200 Resp: 129462
Ion Ratio Lower Upper
200 100
173 26.8 19.8 29.6
215 48.9 38.5 57.7



#71
Pentachlorophenol
Concen: 16.718 ng/ul
RT: 17.004 min Scan# 2366
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:266 Resp: 82089
Ion Ratio Lower Upper
266 100
264 64.8 49.4 74.2
268 65.0 50.3 75.5





#72

Phenanthrene

Concen: 20.610 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

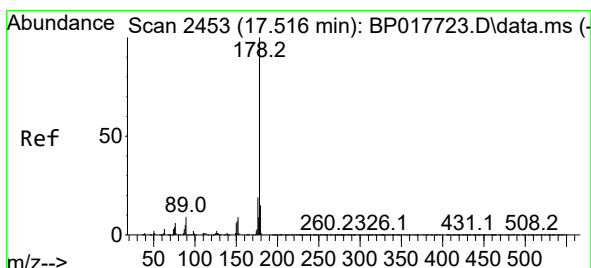
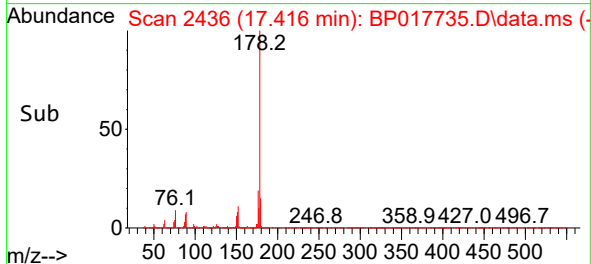
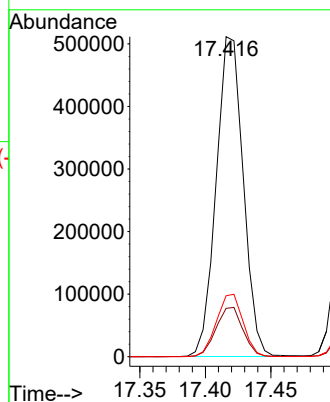
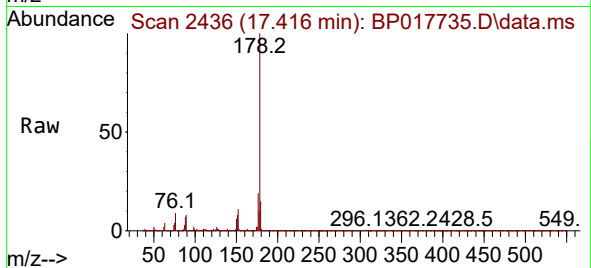
Tgt Ion:178 Resp: 734111

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.1 15.3 22.9



#74

Anthracene

Concen: 20.767 ng/ul

RT: 17.516 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

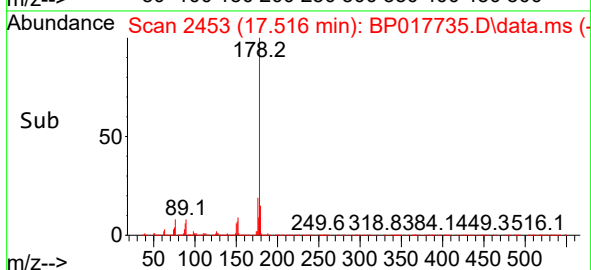
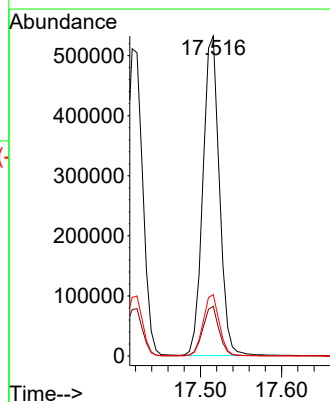
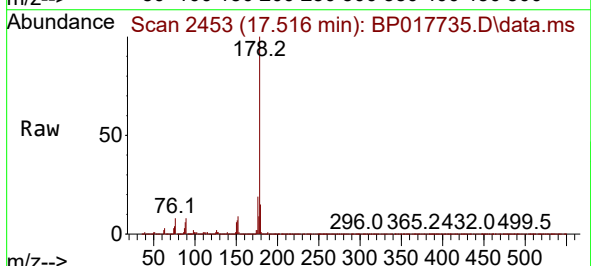
Tgt Ion:178 Resp: 749176

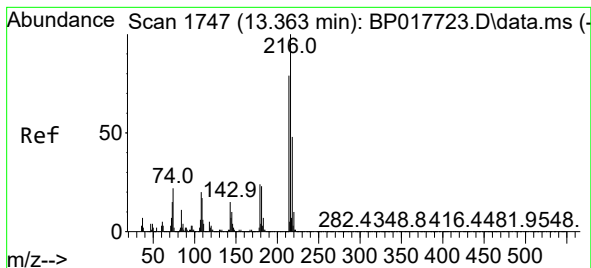
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.1 14.8 22.2

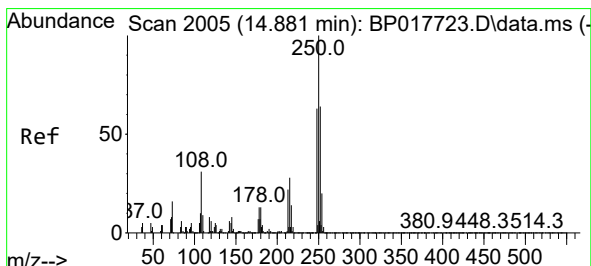
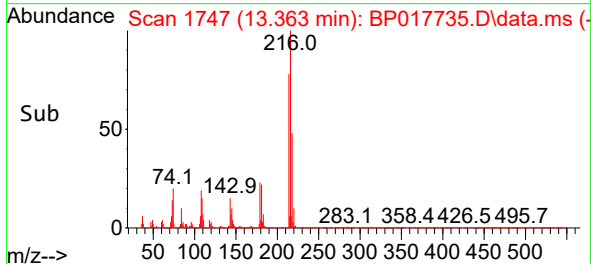
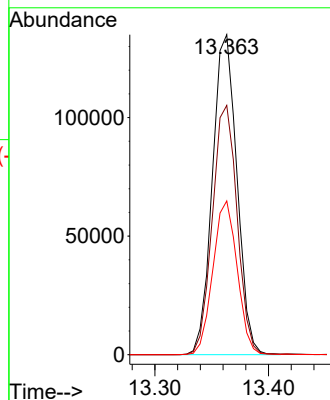
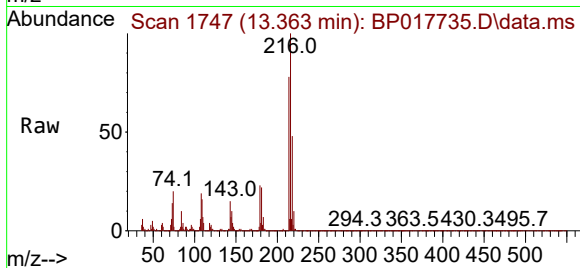




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.851 ng/uL
RT: 13.363 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

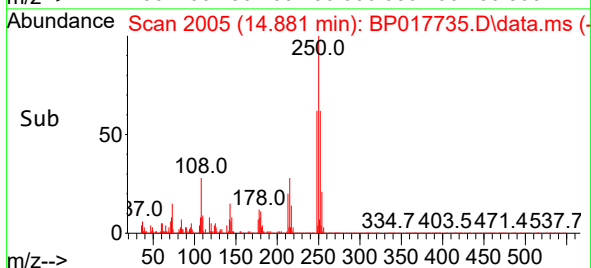
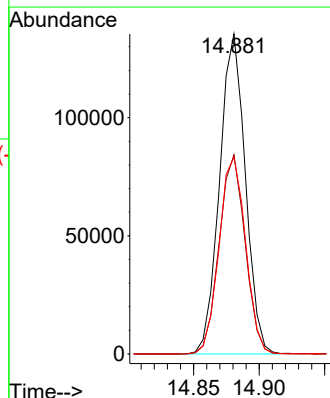
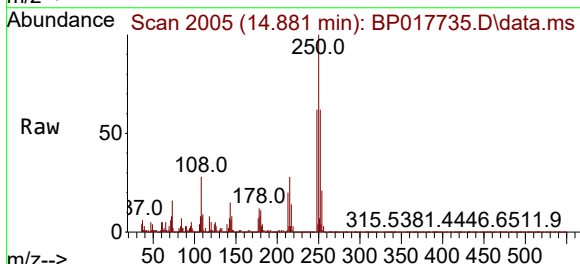
Instrument :
BNA_P
ClientSampleId :
SSTD020786

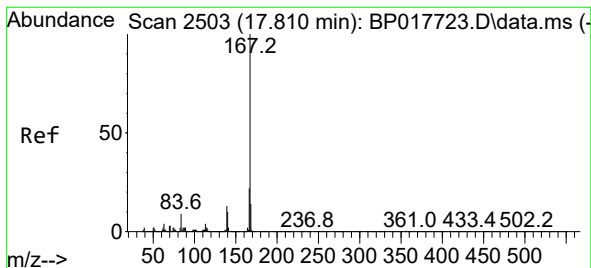
Tgt Ion:216 Resp: 202524
Ion Ratio Lower Upper
216 100
214 77.9 60.7 91.1
218 48.0 38.2 57.4



#76
Pentachlorobenzene
Concen: 18.689 ng/uL
RT: 14.881 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:250 Resp: 184788
Ion Ratio Lower Upper
250 100
248 62.3 50.2 75.4
252 61.5 49.6 74.4





#77

Carbazole

Concen: 20.726 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

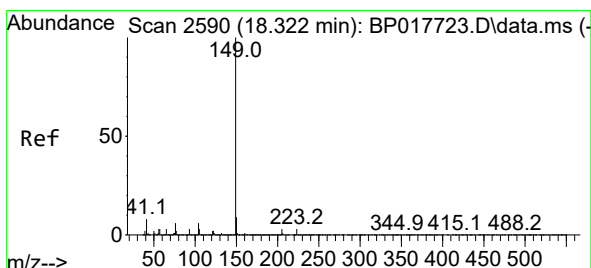
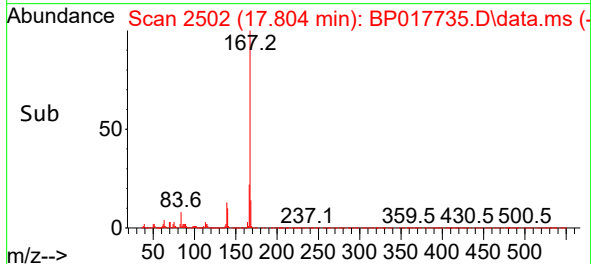
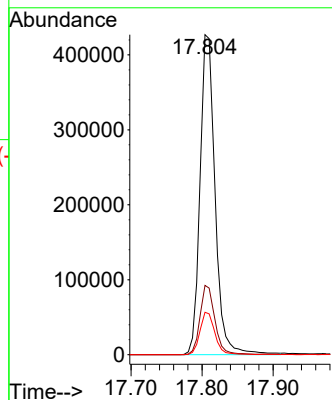
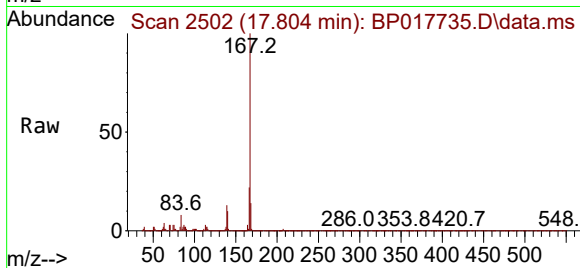
Tgt Ion:167 Resp: 631940

Ion Ratio Lower Upper

167 100

166 21.7 16.7 25.1

139 13.3 9.8 14.6



#78

Di-n-butylphthalate

Concen: 21.776 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

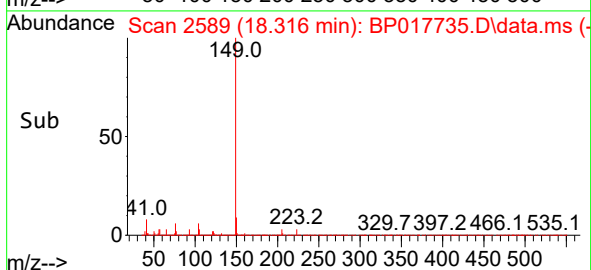
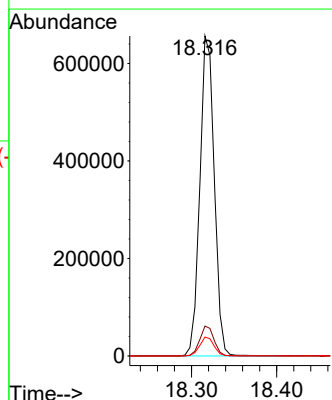
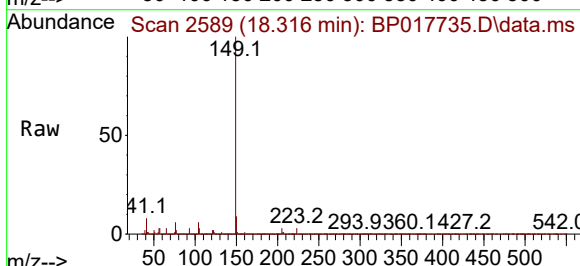
Tgt Ion:149 Resp: 770802

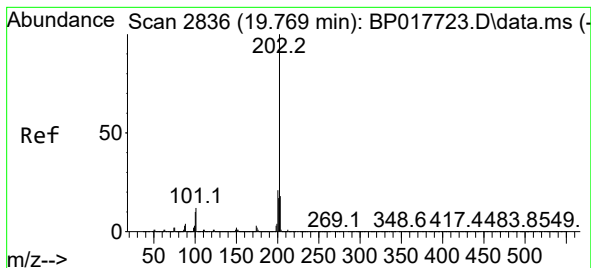
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.9 4.3 6.5





#82

Pyrene

Concen: 21.771 ng/ul

RT: 19.763 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

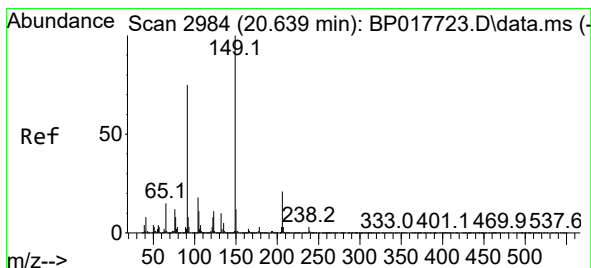
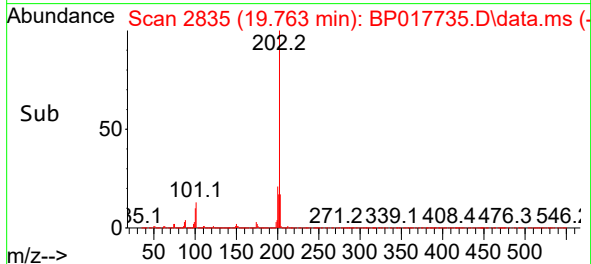
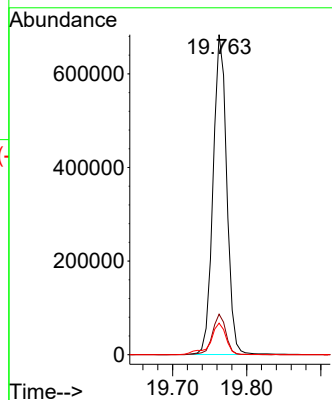
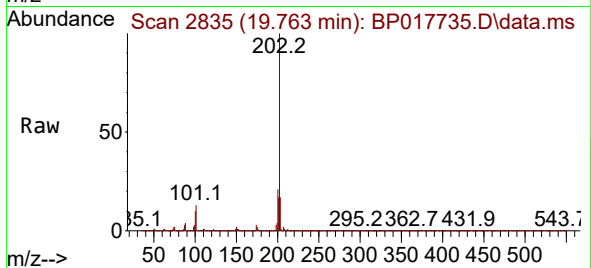
Tgt Ion:202 Resp: 874950

Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 9.8 7.4 11.0



#83

Butylbenzylphthalate

Concen: 23.710 ng/ul

RT: 20.639 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

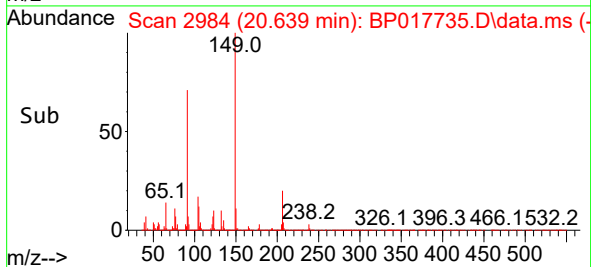
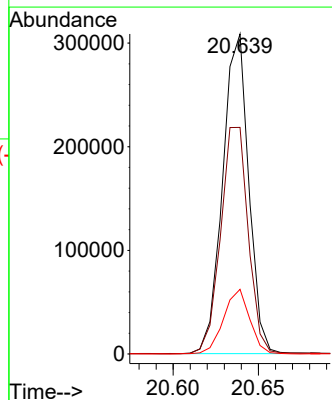
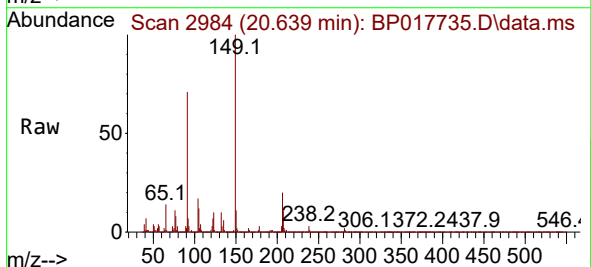
Tgt Ion:149 Resp: 327729

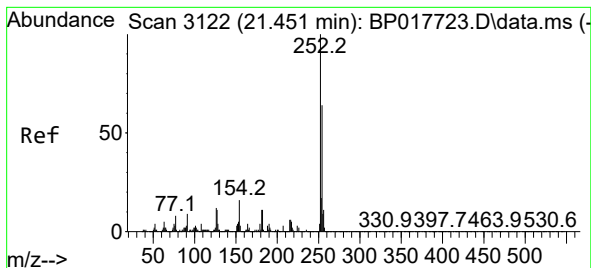
Ion Ratio Lower Upper

149 100

91 70.8 58.8 88.2

206 20.2 17.5 26.3





#84

3,3'-Dichlorobenzidine

Concen: 18.213 ng/ul

RT: 21.445 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

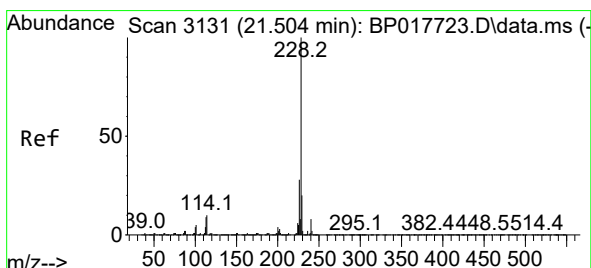
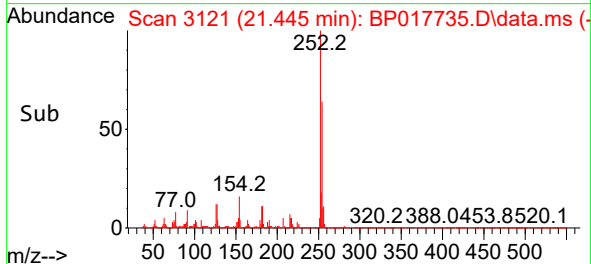
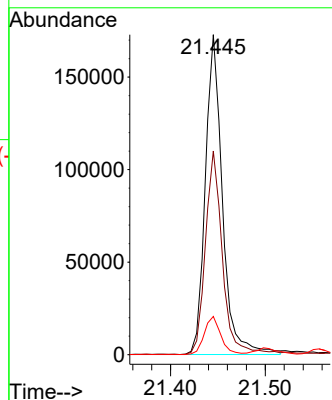
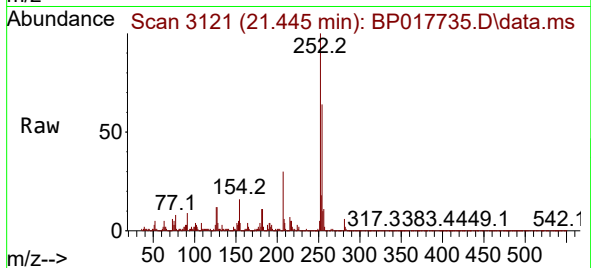
Tgt Ion:252 Resp: 216694

Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.8

126 12.0 7.8 11.6#



#85

Benzo(a)anthracene

Concen: 20.755 ng/ul

RT: 21.498 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

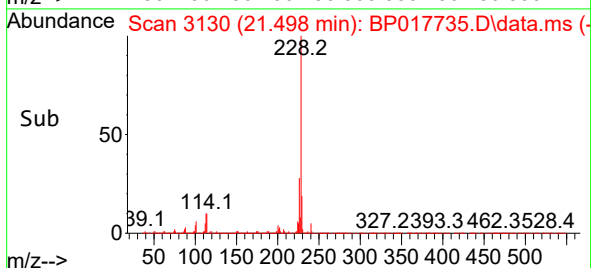
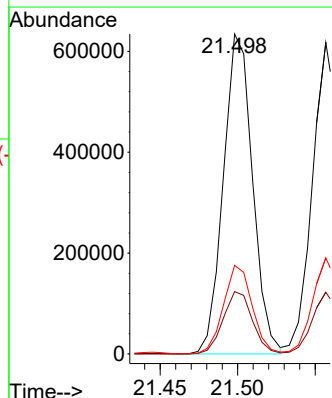
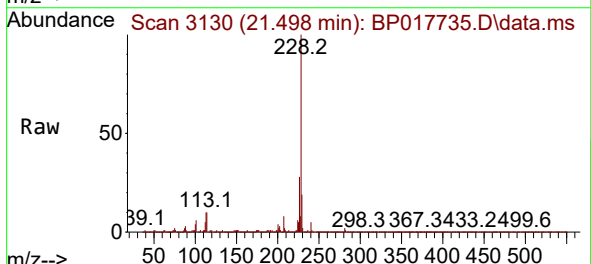
Tgt Ion:228 Resp: 830886

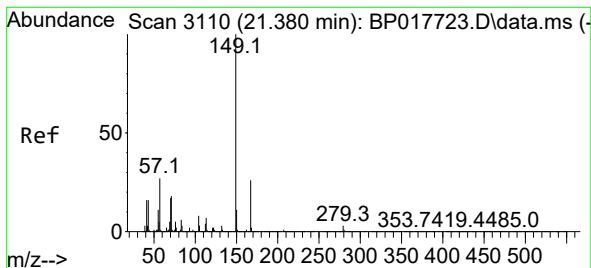
Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

226 27.7 21.1 31.7

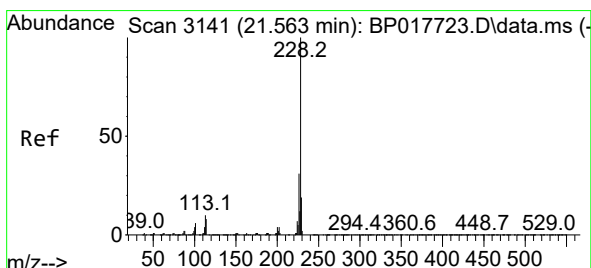
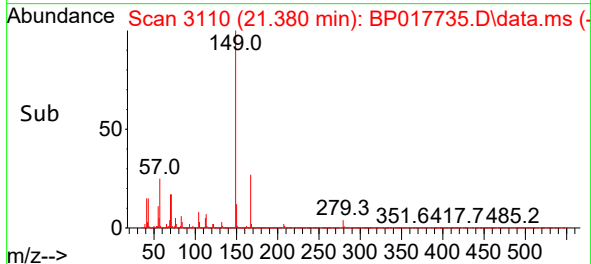
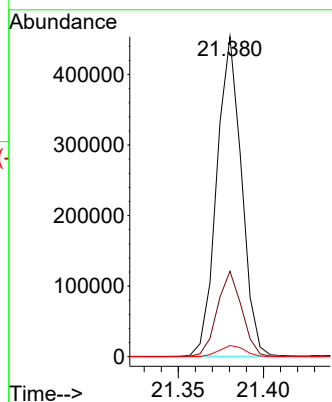
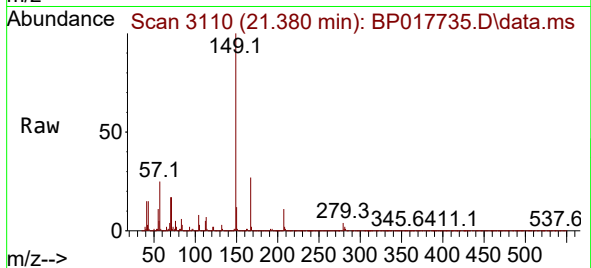




#86
Bis(2-ethylhexyl)phthalate
Concen: 23.724 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

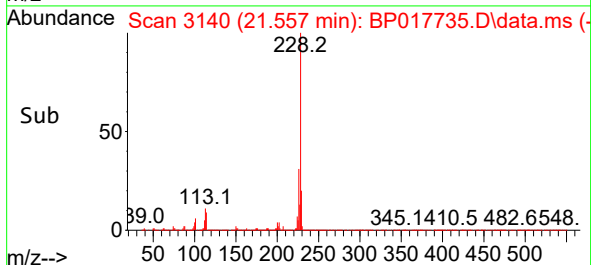
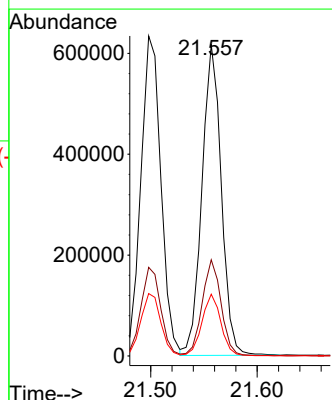
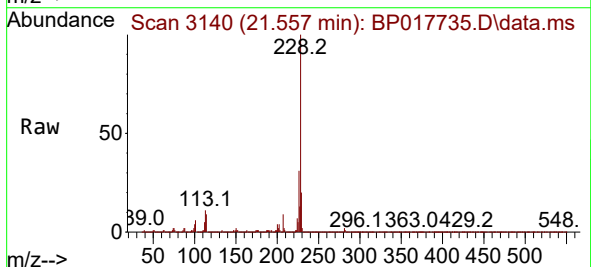
Instrument :
BNA_P
ClientSampleId :
SSTD020786

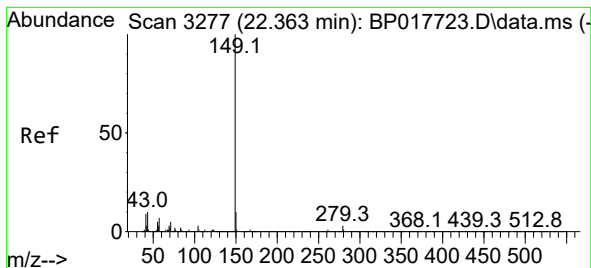
Tgt Ion:149 Resp: 457770
Ion Ratio Lower Upper
149 100
167 26.7 21.6 32.4
279 3.5 3.6 5.4#



#87
Chrysene
Concen: 20.582 ng/ul
RT: 21.557 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:228 Resp: 779182
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 19.8 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 22.781 ng/ul

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

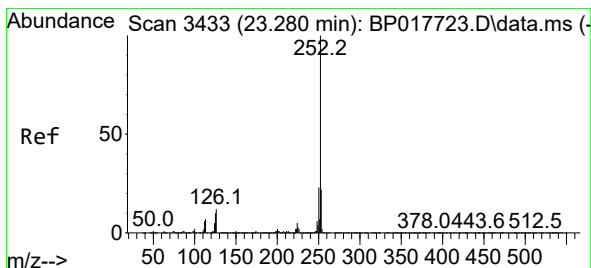
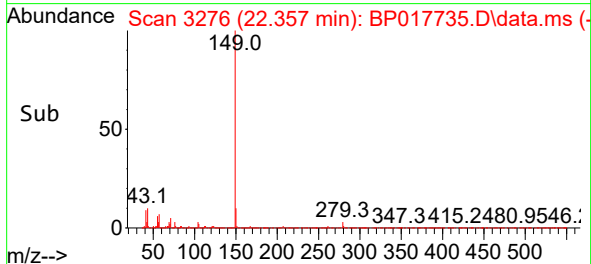
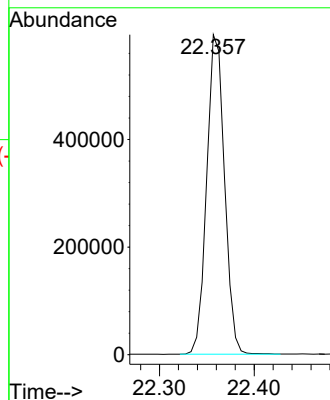
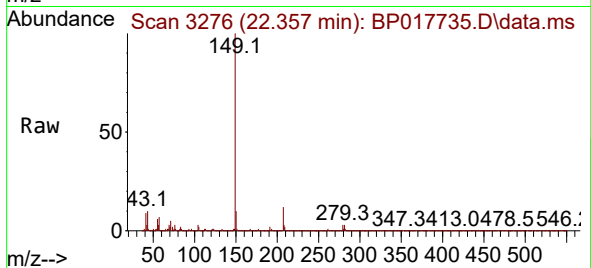
Instrument :

BNA_P

ClientSampleId :

SSTD020786

Tgt Ion:149 Resp: 775892



#90

Benzo(b)fluoranthene

Concen: 20.701 ng/ul

RT: 23.327 min Scan# 3441

Delta R.T. 0.053 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

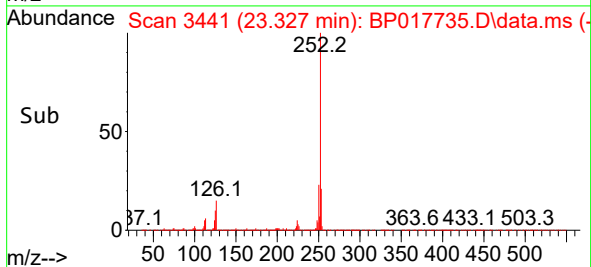
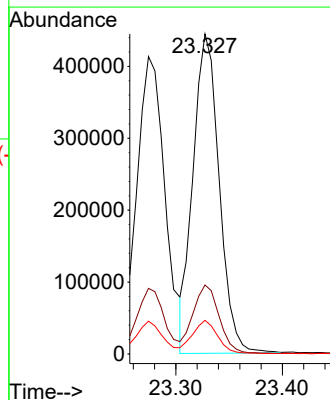
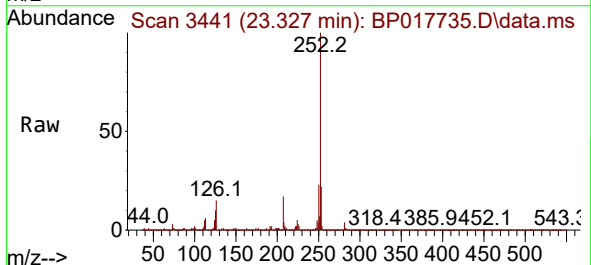
Tgt Ion:252 Resp: 757527

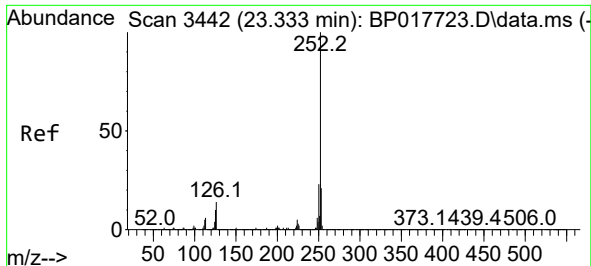
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.5 7.1 10.7

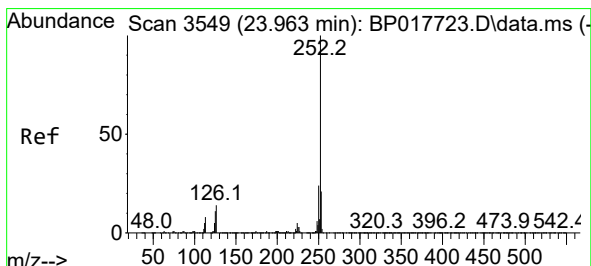
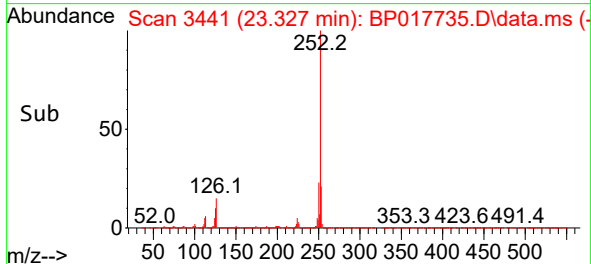
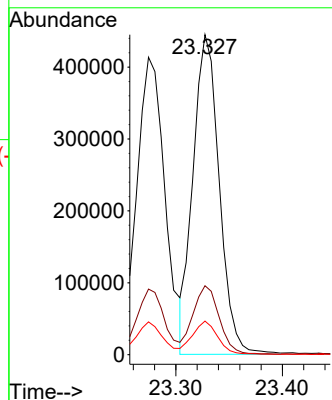
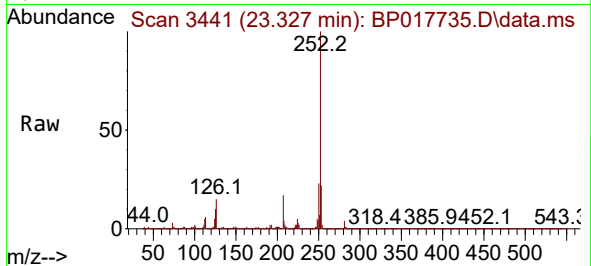




#91
Benzo(k)fluoranthene
Concen: 20.510 ng/ul
RT: 23.327 min Scan# 3442
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

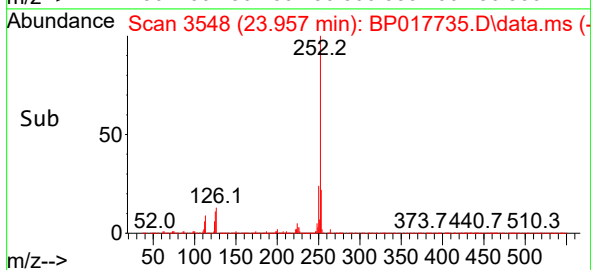
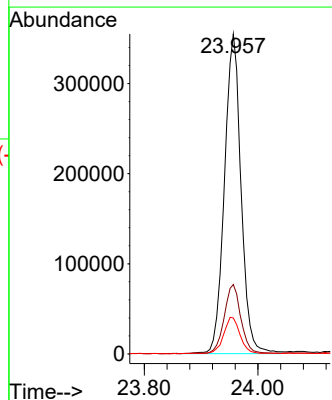
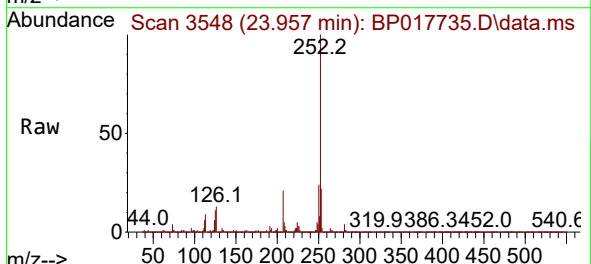
Instrument :
BNA_P
ClientSampleId :
SSTD020786

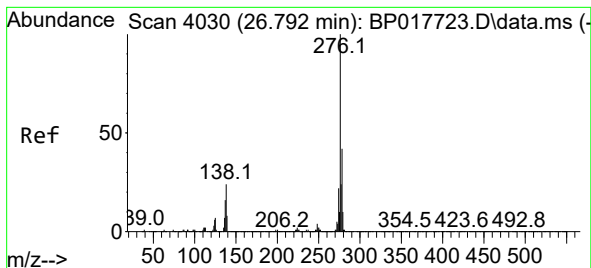
Tgt Ion:252 Resp: 760672
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.5 7.0 10.6



#93
Benzo(a)pyrene
Concen: 20.963 ng/ul
RT: 23.957 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP017735.D
Acq: 19 Oct 2023 20:22

Tgt Ion:252 Resp: 720172
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.3 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.711 ng/ul

RT: 26.780 min Scan# 4030

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

Instrument :

BNA_P

ClientSampleId :

SSTD020786

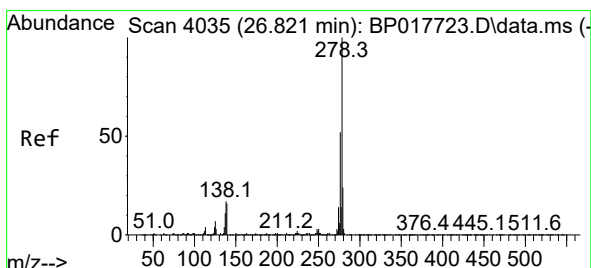
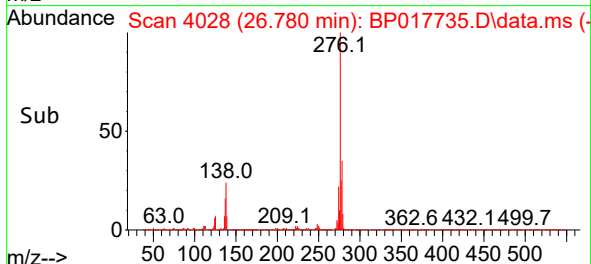
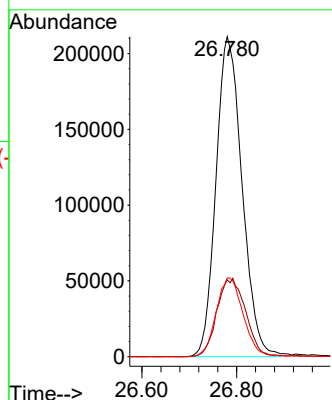
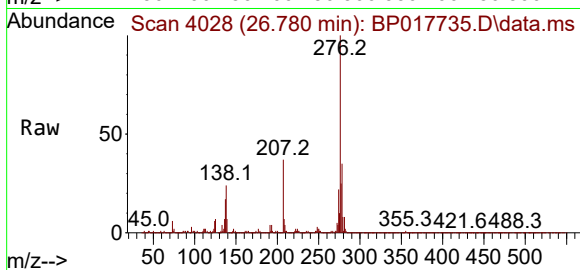
Tgt Ion:276 Resp: 807072

Ion Ratio Lower Upper

276 100

138 24.0 15.6 23.4#

277 24.7 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 19.662 ng/ul

RT: 26.809 min Scan# 4033

Delta R.T. -0.000 min

Lab File: BP017735.D

Acq: 19 Oct 2023 20:22

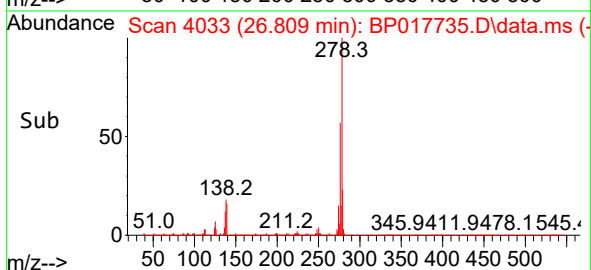
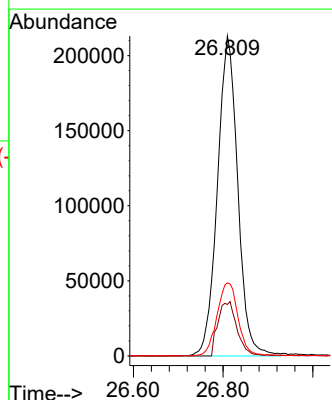
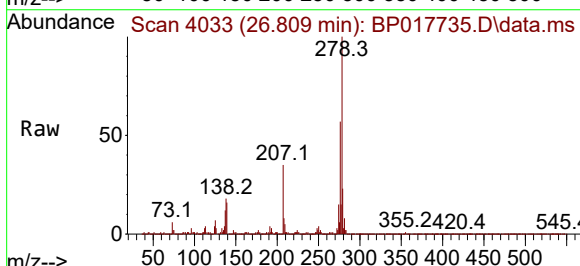
Tgt Ion:278 Resp: 671707

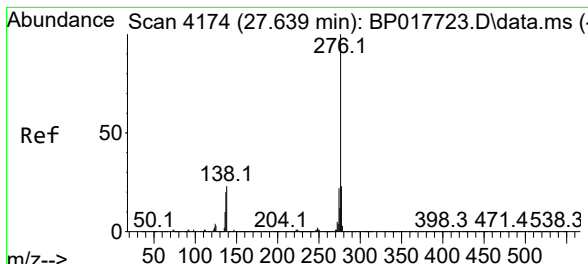
Ion Ratio Lower Upper

278 100

139 16.1 11.4 17.2

279 22.8 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 19.706 ng/ul
 RT: 27.627 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP017735.D
 Acq: 19 Oct 2023 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020786

Tgt Ion: 276 Resp: 650092

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.0	22.6#
277	23.4	18.5	27.7

