

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017777.D
 Acq On : 24 Oct 2023 14:52
 Operator : MA/JU
 Sample : 04927-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCD09MS

Quant Time: Oct 25 01:54:17 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	7.881	152	105652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	365253	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	219196	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	418815	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.515	240	357917	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	365752	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11243	3.959	ng/uL	0.00
4) Pyridine-d5	3.681	84	49	0.007	ng/u1	-0.01
7) Phenol-d5	7.046	99	218091	24.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	136981	25.228	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	172529	24.060	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	173347	25.108	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	96984	32.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	93637	28.634	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	176610	27.532	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	169614	20.204	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	531943	28.909	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	588500	28.678	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	66053	25.193	ng/u1	0.00
60) Fluorene-d10	15.586	176	450739	28.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	79502	28.819	ng/u1	0.00
73) Anthracene-d10	17.474	188	603531	28.199	ng/u1	0.00
81) Pyrene-d10	19.733	212	737617	32.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	616374	30.257	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	31837	10.569	ng/uL	93
6) Benzaldehyde	7.046	77	143249	30.288	ng/u1	96
8) Phenol	7.069	94	275443	31.775	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	213988	29.588	ng/u1	98
12) 2-Chlorophenol	7.434	128	209846	29.137	ng/u1	97
13) 2-Methylphenol	8.334	108	202967	31.024	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	191455	21.508	ng/u1	99
16) Acetophenone	8.740	105	426461	39.289	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.704	70	185338	35.999	ng/u1	98
18) 4-Methylphenol	8.675	108	221526	31.886	ng/u1	99
19) Hexachloroethane	8.946	117	110971	33.534	ng/u1	97
22) Nitrobenzene	9.134	77	288353	39.128	ng/u1	97
23) Isophorone	9.646	82	529306	40.166	ng/u1	99
25) 2-Nitrophenol	9.840	139	122358	35.054	ng/u1	93
26) 2,4-Dimethylphenol	9.881	107	100576	14.681	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.140	93	292692	35.911	ng/u1	98
29) 2,4-Dichlorophenol	10.363	162	204647	33.362	ng/u1	97
30) Naphthalene	10.769	128	702288	33.411	ng/u1	99
32) 4-Chloroaniline	10.916	127	188515	23.450	ng/u1	98
33) Hexachlorobutadiene	10.987	225	139890	28.087	ng/u1	99
34) Caprolactam	11.745	113	55998	35.454	ng/u1	92
35) 4-Chloro-3-methylphenol	12.028	107	208497	36.104	ng/u1	97
36) 2-Methylnaphthalene	12.387	142	467957	32.958	ng/u1	98
37) 1-Methylnaphthalene	12.604	142	458149	31.552	ng/u1	97

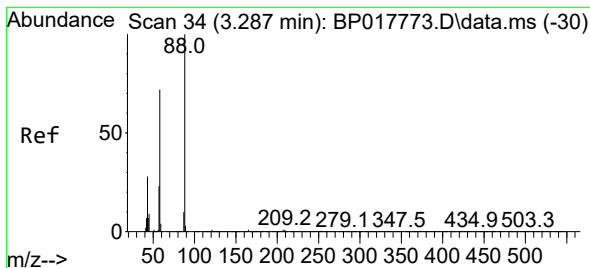
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.739	216	249955	30.817	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	84927	18.225	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.004	196	163735	33.637	ng/ul	95
42) 2,4,5-Trichlorophenol	13.075	196	174765	34.726	ng/ul	95
43) 1,1'-Biphenyl	13.404	154	622699	34.482	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	496496	34.011	ng/ul	99
45) 2-Nitroaniline	13.704	65	140234	42.273	ng/ul	94
47) Dimethylphthalate	14.045	163	624438	34.432	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	119225	35.718	ng/ul	92
50) Acenaphthylene	14.310	152	803908	34.973	ng/ul	100
51) 3-Nitroaniline	14.545	138	100740	31.732	ng/ul	100
52) Acenaphthene	14.645	153	531828	34.225	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	50725	27.071	ng/ul	91
55) 4-Nitrophenol	14.845	109	96591	34.802	ng/ul	98
56) Dibenzofuran	14.986	168	737215	33.791	ng/ul	95
57) 2,4-Dinitrotoluene	14.992	165	178519	36.237	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.210	232	142519	31.912	ng/ul#	85
59) Diethylphthalate	15.410	149	636820	36.370	ng/ul	98
61) Fluorene	15.645	166	608644	33.963	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	301733	31.677	ng/ul	92
63) 4-Nitroaniline	15.722	138	100083	34.952	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	104670	35.424	ng/ul#	90
67) N-Nitrosodiphenylamine	15.869	169	493734	38.913	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	166750	34.028	ng/ul#	89
69) Hexachlorobenzene	16.627	284	178918	31.803	ng/ul#	90
70) Atrazine	16.833	200	162581	34.864	ng/ul	97
71) Pentachlorophenol	16.998	266	126453	37.387	ng/ul	95
72) Phenanthrene	17.416	178	874089	35.628	ng/ul	99
74) Anthracene	17.510	178	839882	33.800	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	246895	35.134	ng/uL	97
76) Pentachlorobenzene	14.875	250	214838	31.544	ng/uL	99
77) Carbazole	17.804	167	769356	36.634	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1036445	42.509	ng/ul	99
80) Fluoranthene	19.398	202	1028229	39.882	ng/ul#	95
82) Pyrene	19.763	202	1062826	38.911	ng/ul	96
83) Butylbenzylphthalate	20.633	149	465068	49.504	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	166349	20.571	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1004109	36.903	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	674479	51.430	ng/ul	99
87) Chrysene	21.557	228	941769	36.601	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	1118991	48.300	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	944427	37.941	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	944427	37.436	ng/ul	98
93) Benzo(a)pyrene	23.956	252	843980	36.116	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	991826	35.611	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.809	278	821812	35.364	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	701905	31.279	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 10.569 ng/uL

RT: 3.287 min Scan# 34

Delta R.T. -0.012 min

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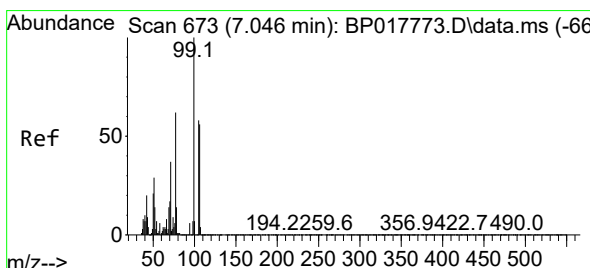
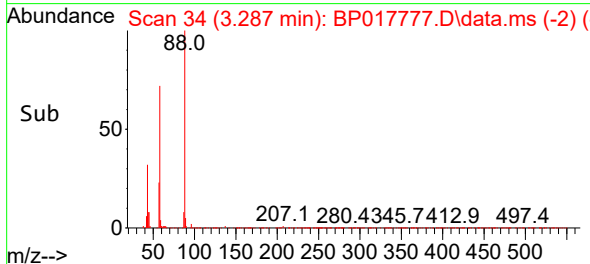
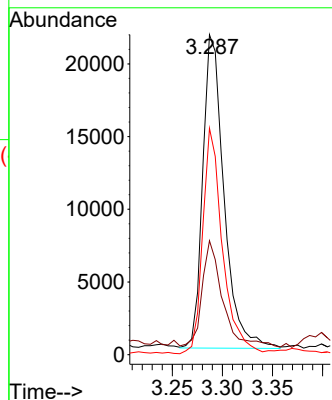
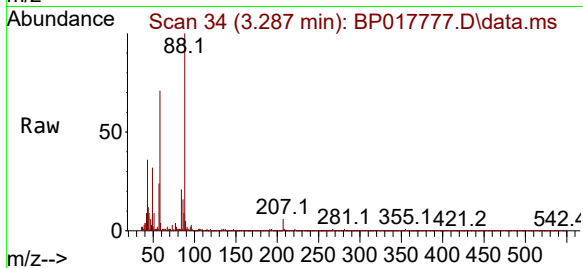
Tgt Ion: 88 Resp: 31837

Ion Ratio Lower Upper

88 100

43 35.6 24.4 36.6

58 70.8 53.0 79.6



#6

Benzaldehyde

Concen: 30.288 ng/uL

RT: 7.046 min Scan# 673

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

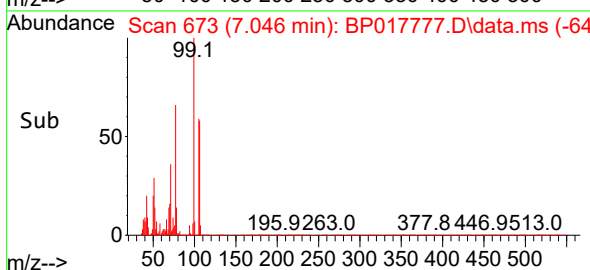
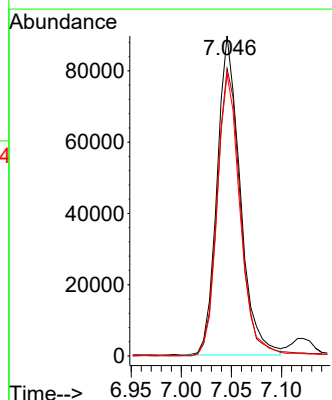
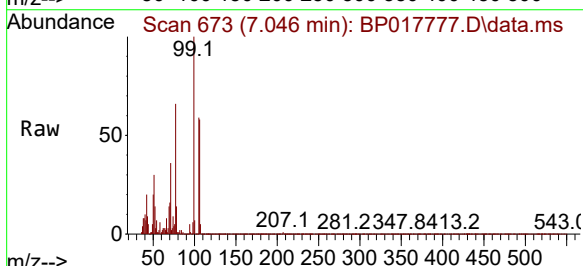
Tgt Ion: 77 Resp: 143249

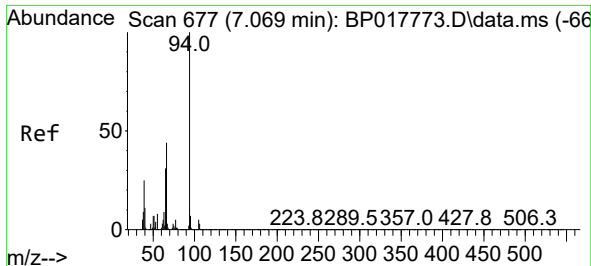
Ion Ratio Lower Upper

77 100

105 89.8 75.4 113.2

106 87.9 72.3 108.5

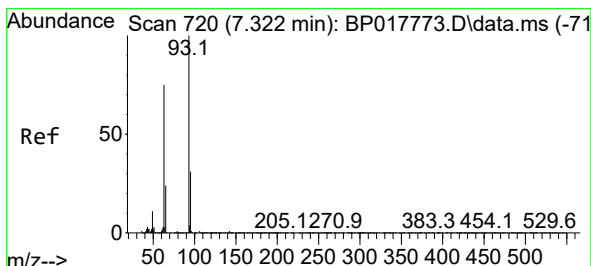
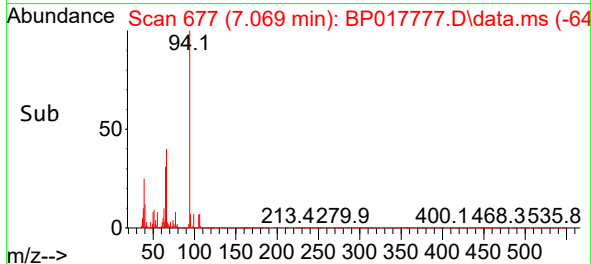
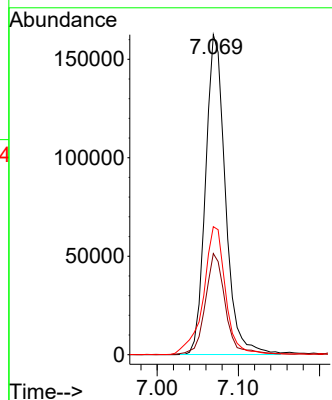
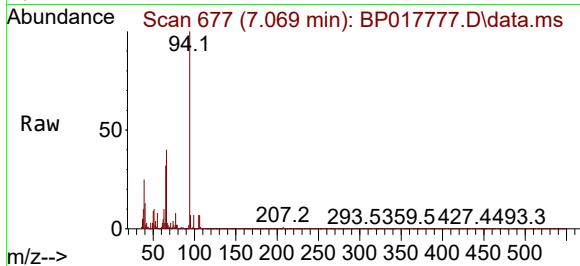




#8
Phenol
Concen: 31.775 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

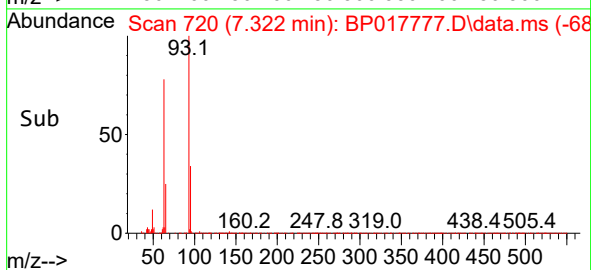
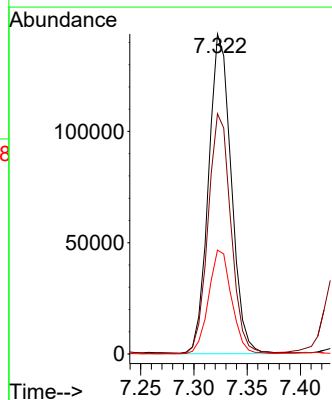
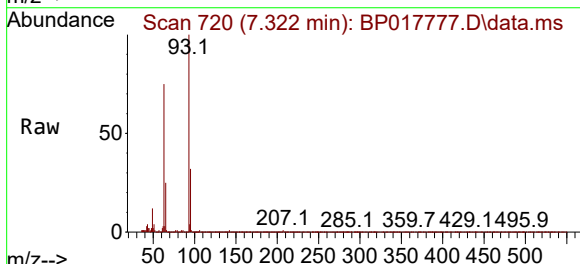
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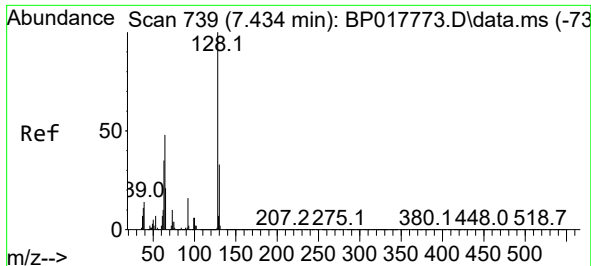
Tgt Ion: 94 Resp: 275443
Ion Ratio Lower Upper
94 100
65 31.6 25.0 37.4
66 40.0 33.0 49.6



#10
Bis(2-Chloroethyl)ether
Concen: 29.588 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion: 93 Resp: 213988
Ion Ratio Lower Upper
93 100
63 75.1 60.7 91.1
95 32.4 27.8 41.6

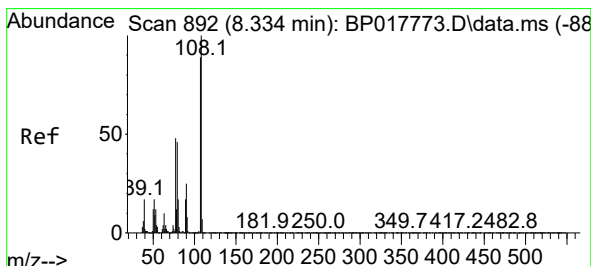
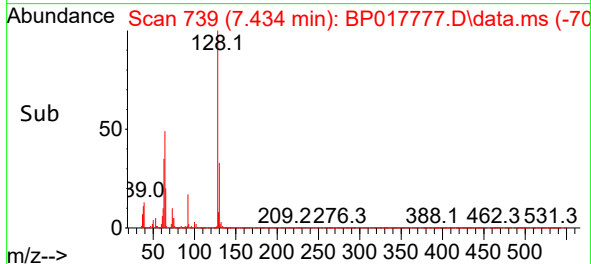
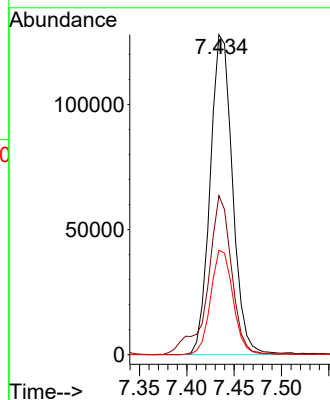
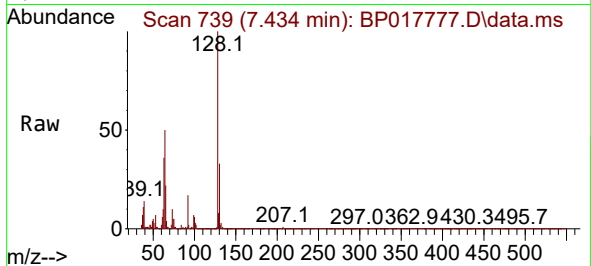




#12
2-Chlorophenol
Concen: 29.137 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

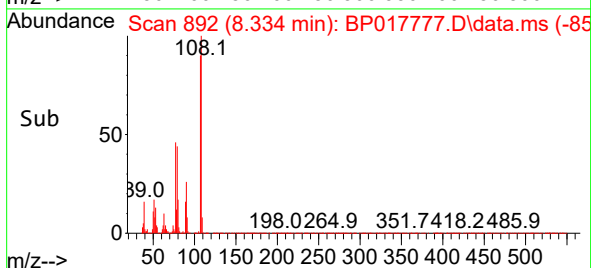
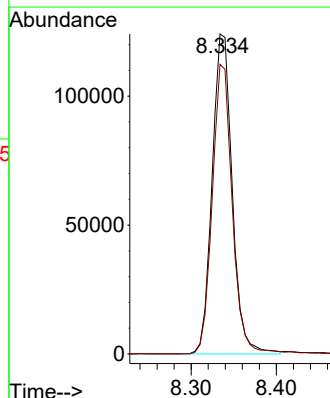
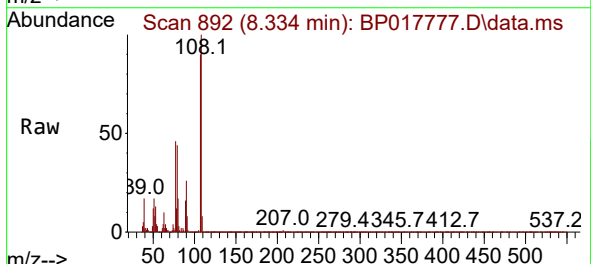
Instrument :
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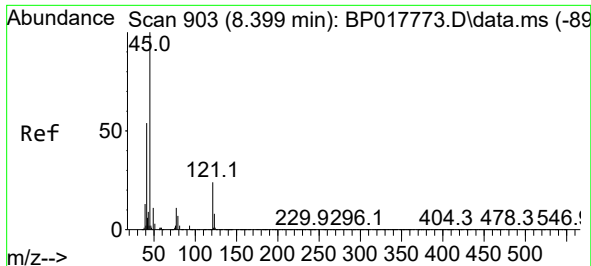
Tgt Ion:128 Resp: 209846
Ion Ratio Lower Upper
128 100
64 49.7 36.7 55.1
130 32.7 26.2 39.2



#13
2-Methylphenol
Concen: 31.024 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:108 Resp: 202967
Ion Ratio Lower Upper
108 100
107 90.5 73.4 110.2

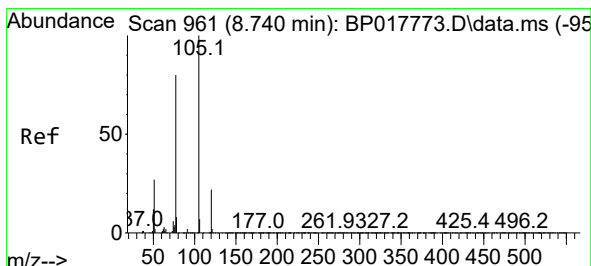
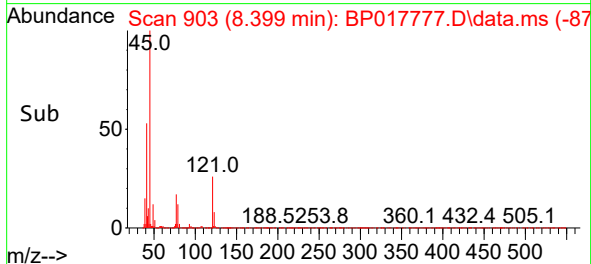
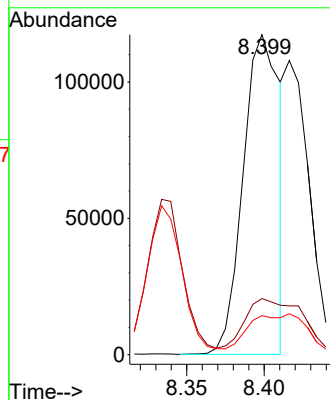
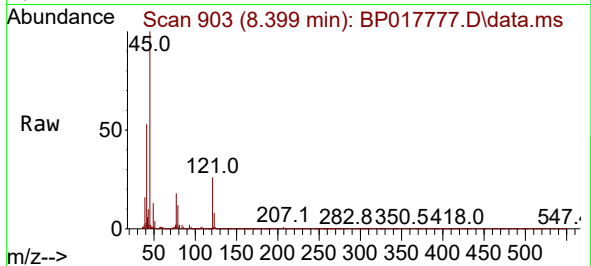




#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.508 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

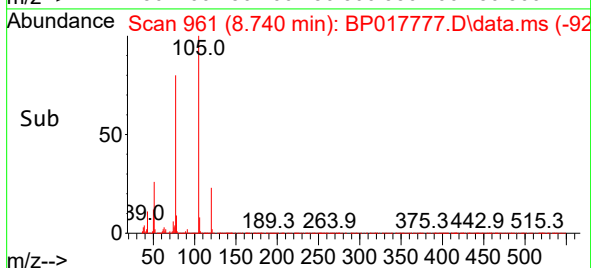
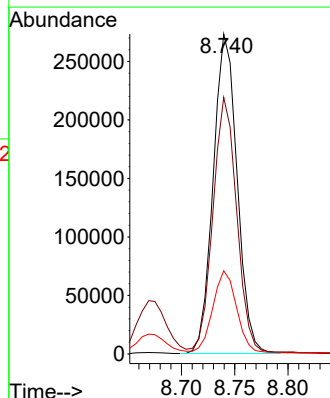
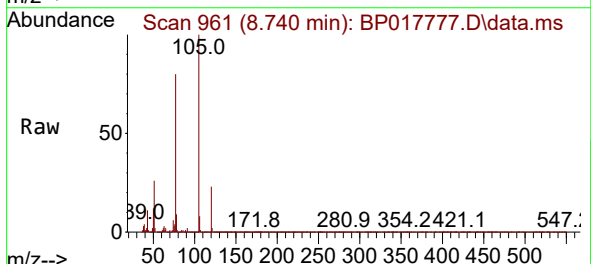
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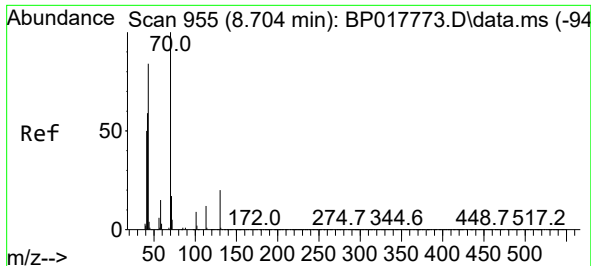
Tgt Ion: 45 Resp: 191455
Ion Ratio Lower Upper
45 100
77 17.6 14.2 21.4
79 12.2 10.3 15.5



#16
Acetophenone
Concen: 39.289 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion: 105 Resp: 426461
Ion Ratio Lower Upper
105 100
77 80.2 64.4 96.6
51 26.0 21.2 31.8



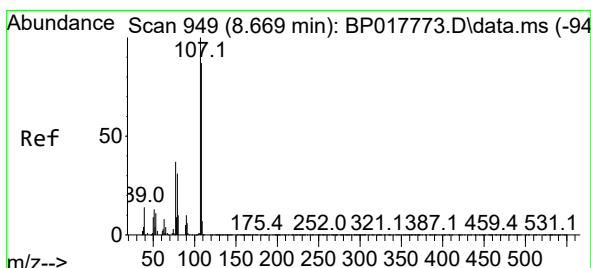
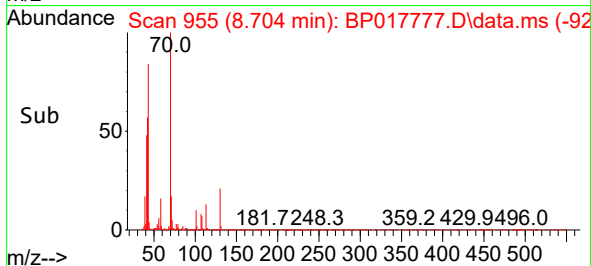
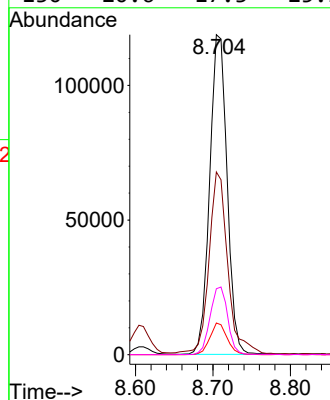
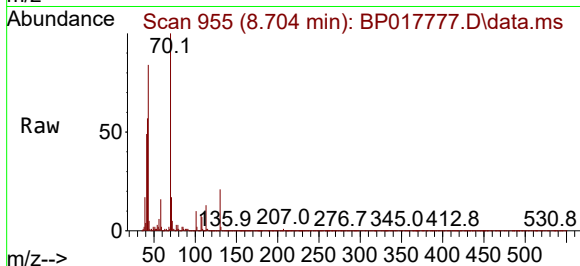


#17
N-Nitroso-di-n-propylamine
Concen: 35.999 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. -0.012 min
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Acq: 24 Oct 2023 14:52

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Tgt Ion: 70 Resp: 185338

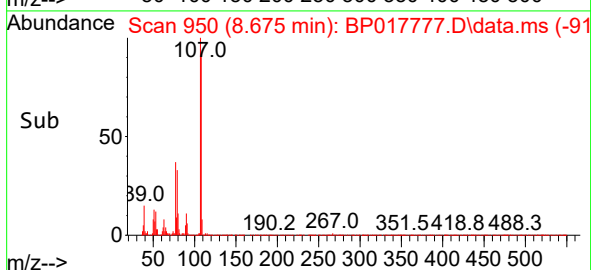
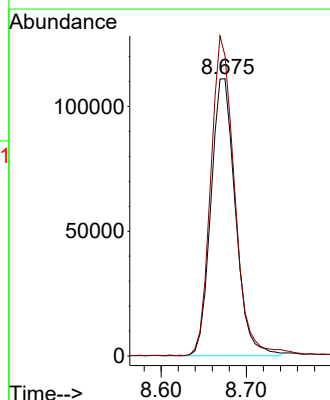
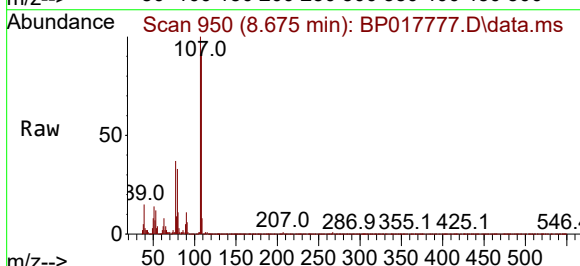
Ion	Ratio	Lower	Upper
70	100		
42	57.1	44.6	66.8
101	9.9	7.5	11.3
130	20.6	17.3	25.9

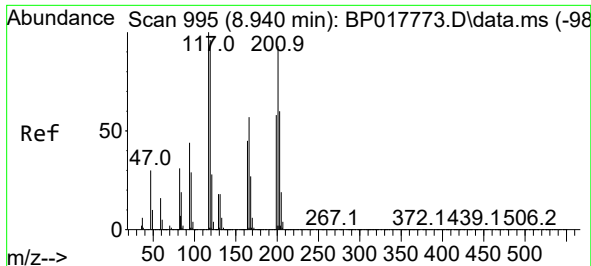


#18
4-Methylphenol
Concen: 31.886 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion: 108 Resp: 221526

Ion	Ratio	Lower	Upper
108	100		
107	108.3	87.5	131.3

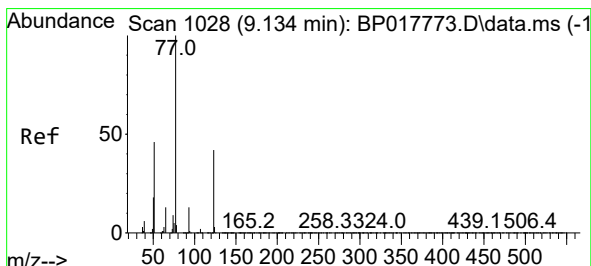
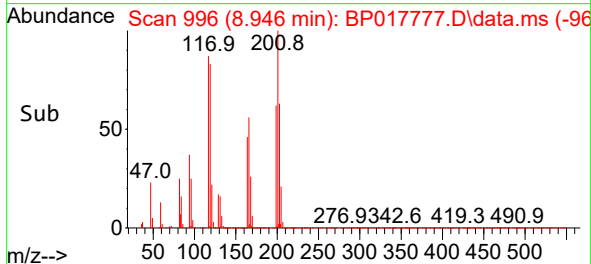
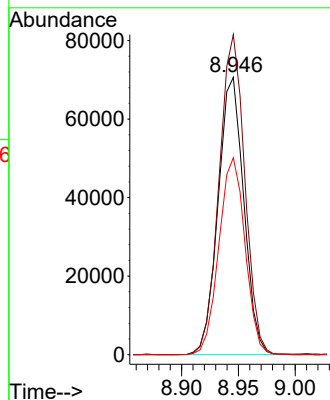
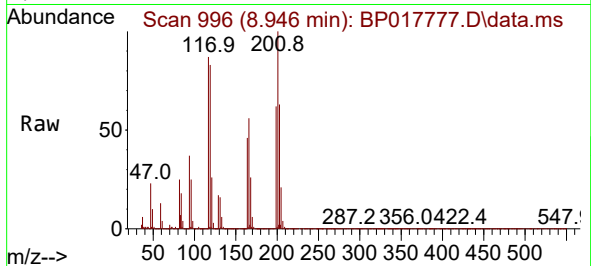




#19
Hexachloroethane
Concen: 33.534 ng/ul
RT: 8.946 min Scan# 995
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

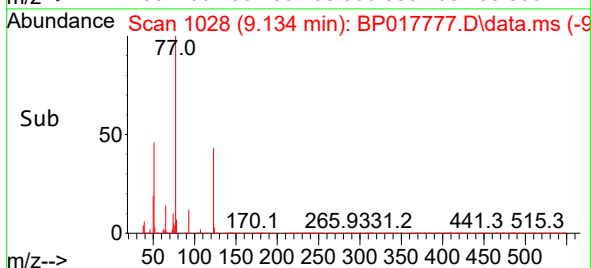
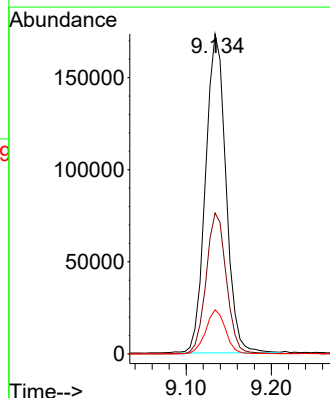
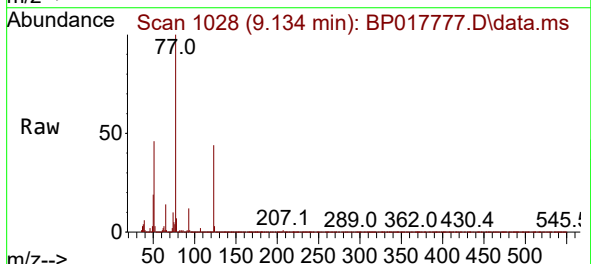
Instrument :
BNA_P
ClientSampleId :
GCD09MS

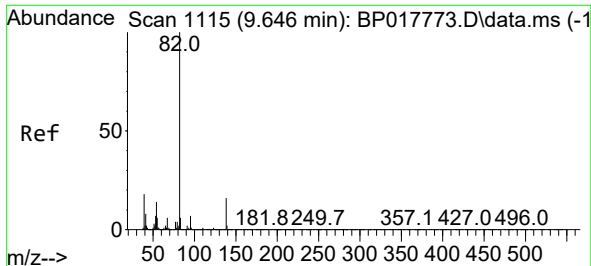
Tgt Ion:117 Resp: 110971
Ion Ratio Lower Upper
117 100
201 115.4 96.3 144.5
199 71.0 57.7 86.5



#22
Nitrobenzene
Concen: 39.128 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion: 77 Resp: 288353
Ion Ratio Lower Upper
77 100
123 44.0 33.5 50.3
65 13.8 10.8 16.2

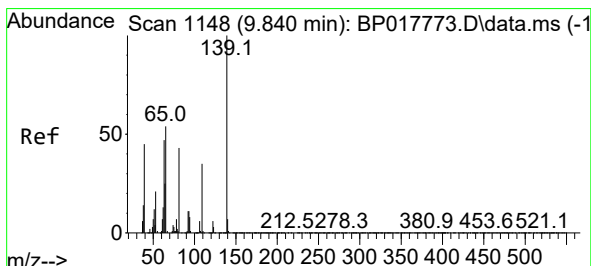
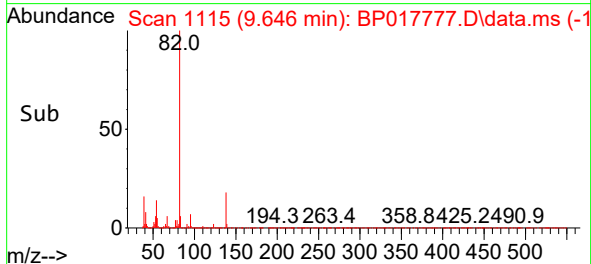
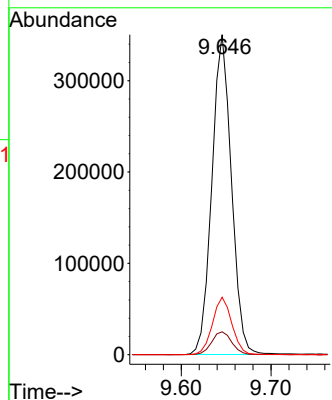
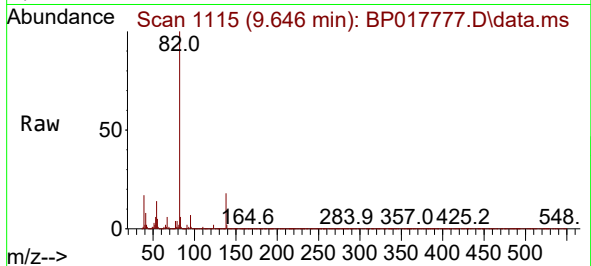




#23
Isophorone
Concen: 40.166 ng/ul
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

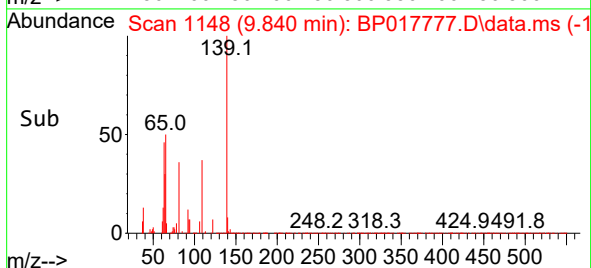
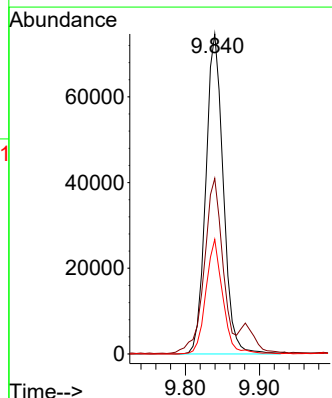
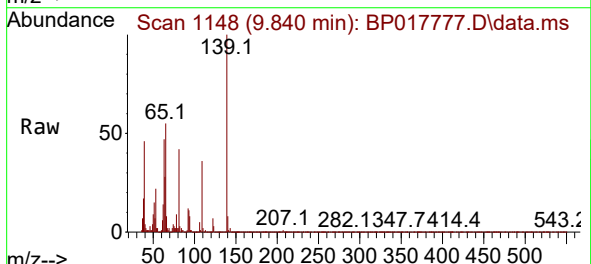
Instrument :
BNA_P
ClientSampleId :
GCD09MS

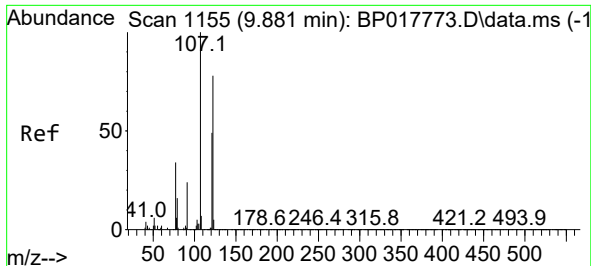
Tgt Ion: 82 Resp: 529306
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 18.0 14.4 21.6



#25
2-Nitrophenol
Concen: 35.054 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:139 Resp: 122358
Ion Ratio Lower Upper
139 100
65 54.9 40.4 60.6
109 35.8 25.4 38.2

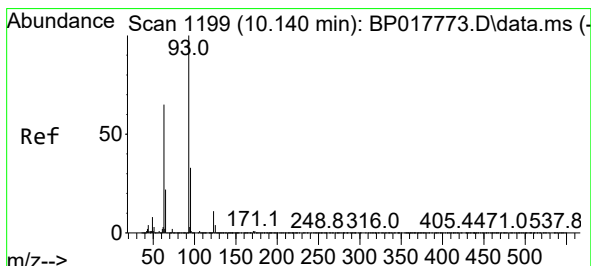
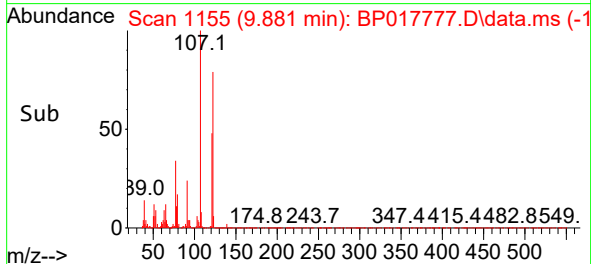
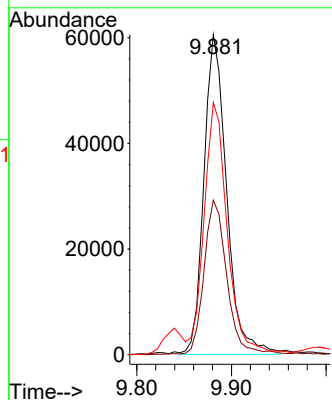
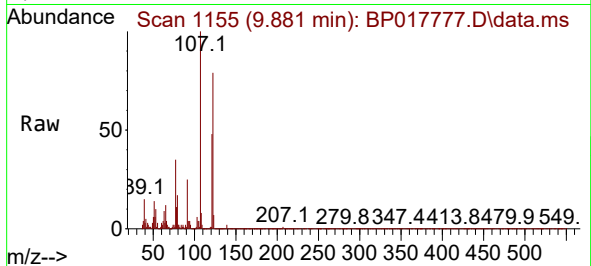




#26
2,4-Dimethylphenol
Concen: 14.681 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

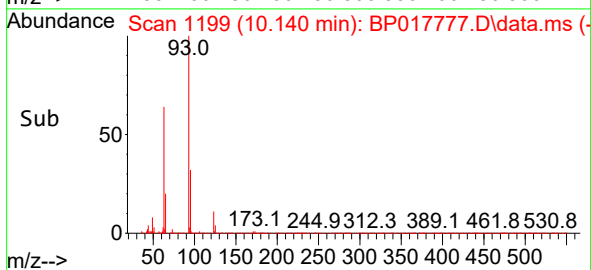
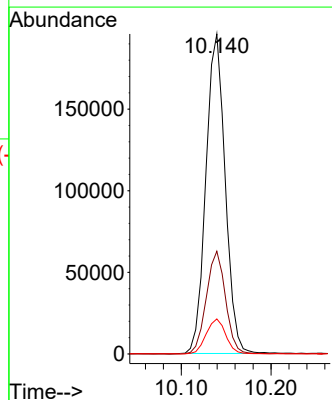
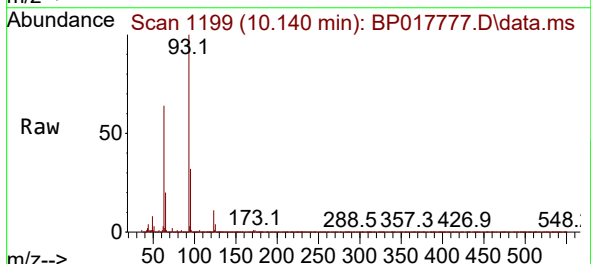
Instrument :
BNA_P
ClientSampleId :
GCD09MS

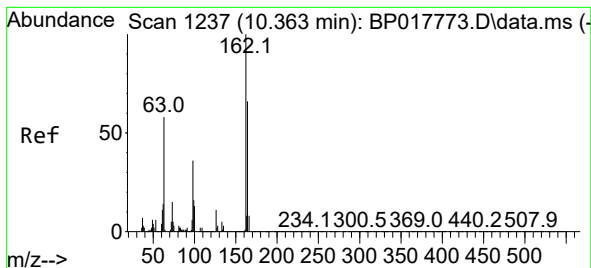
Tgt Ion:107 Resp: 100576
Ion Ratio Lower Upper
107 100
121 48.3 40.6 61.0
122 78.8 66.9 100.3



#27
Bis(2-Chloroethoxy)methane
Concen: 35.911 ng/ul
RT: 10.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion: 93 Resp: 292692
Ion Ratio Lower Upper
93 100
95 32.1 24.7 37.1
123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 33.362 ng/ul

RT: 10.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

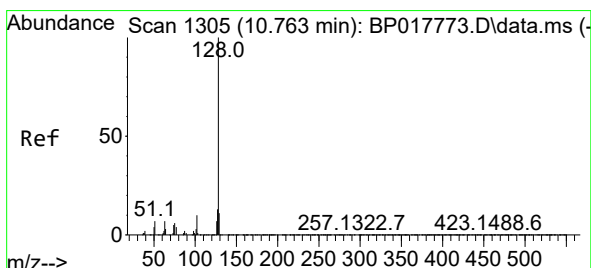
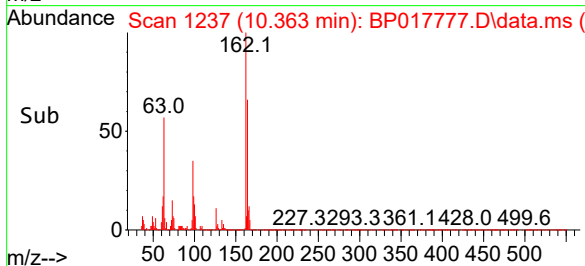
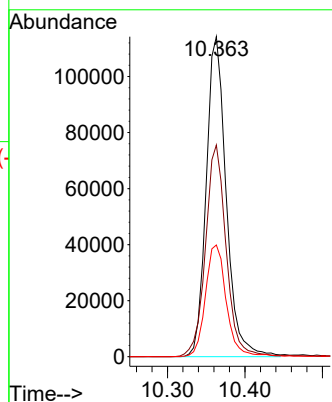
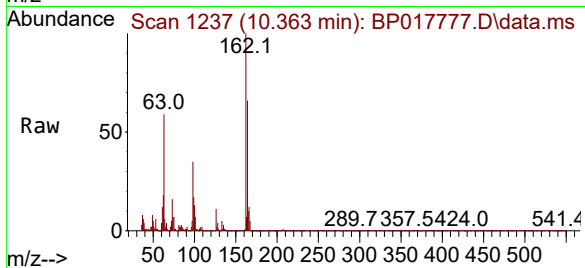
Tgt Ion:162 Resp: 204647

Ion Ratio Lower Upper

162 100

164 66.2 53.8 80.8

98 34.9 25.5 38.3



#30

Naphthalene

Concen: 33.411 ng/ul

RT: 10.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

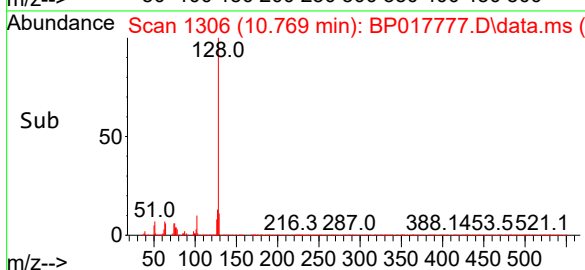
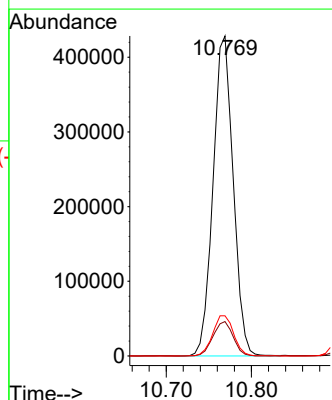
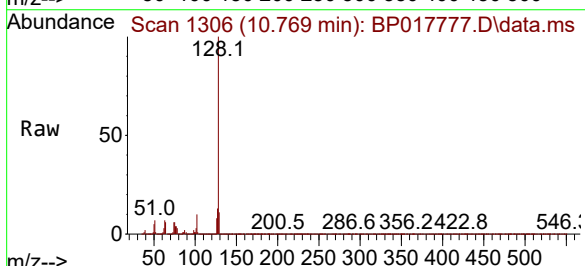
Tgt Ion:128 Resp: 702288

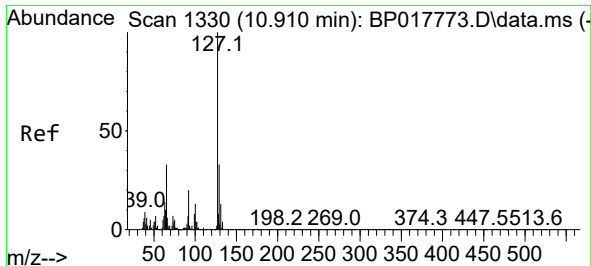
Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.6 10.5 15.7

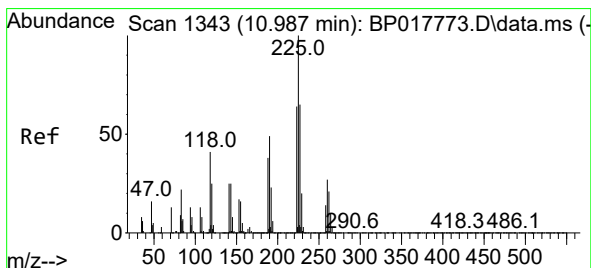
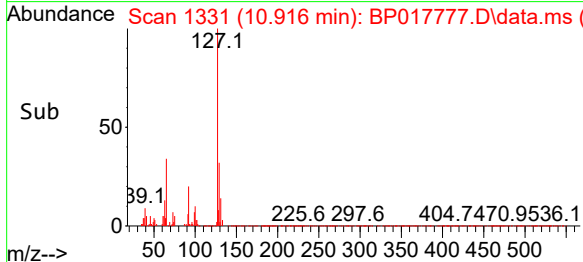
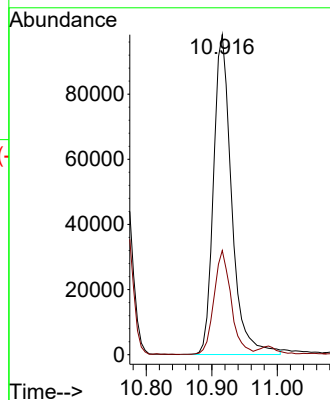
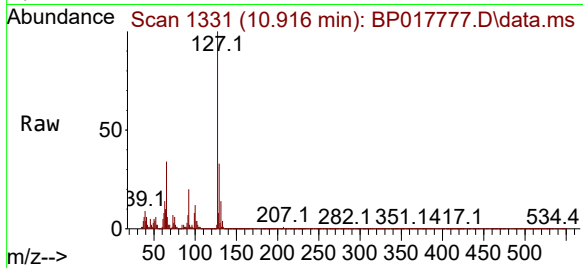




#32
4-Chloroaniline
Concen: 23.450 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

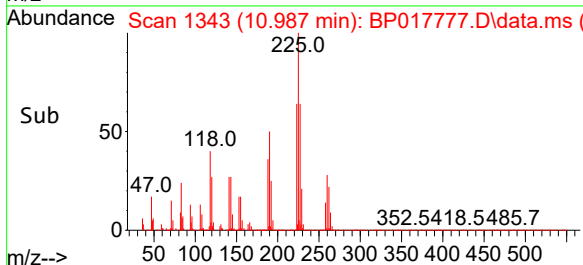
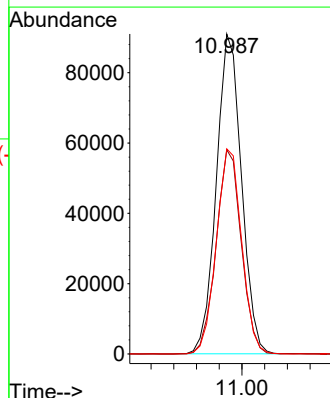
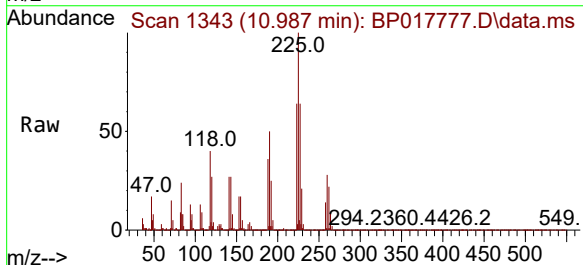
Instrument :
BNA_P
ClientSampleId :
GCD09MS

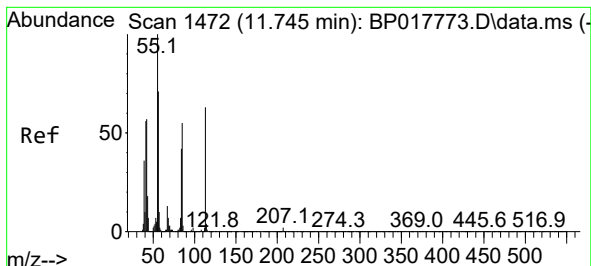
Tgt Ion:127 Resp: 188515
Ion Ratio Lower Upper
127 100
129 32.5 25.1 37.7



#33
Hexachlorobutadiene
Concen: 28.087 ng/ul
RT: 10.987 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:225 Resp: 139890
Ion Ratio Lower Upper
225 100
223 63.8 50.6 75.8
227 64.1 50.1 75.1

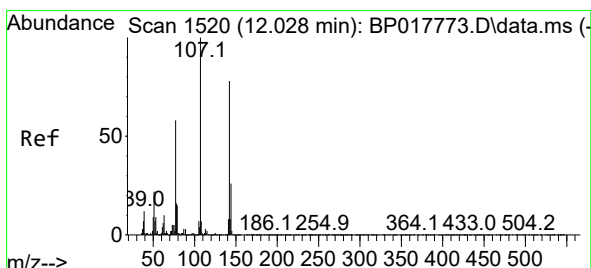
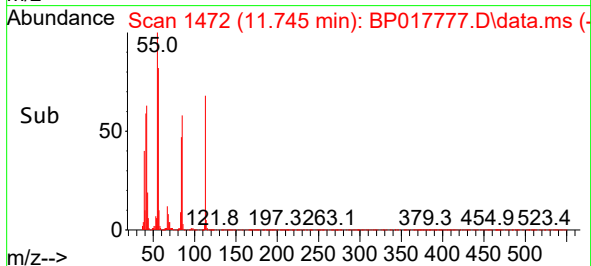
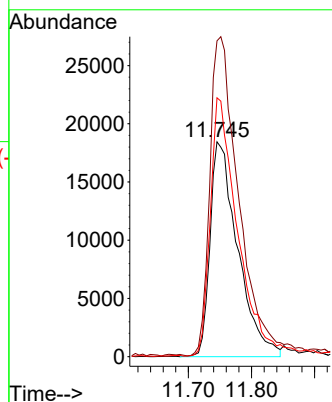
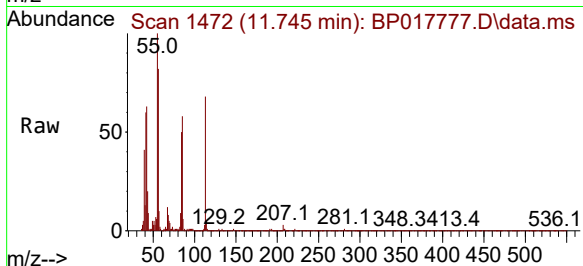




#34
Caprolactam
Concen: 35.454 ng/ul
RT: 11.745 min Scan# 1472
Delta R.T. -0.024 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

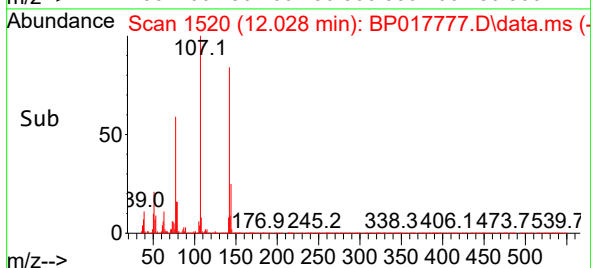
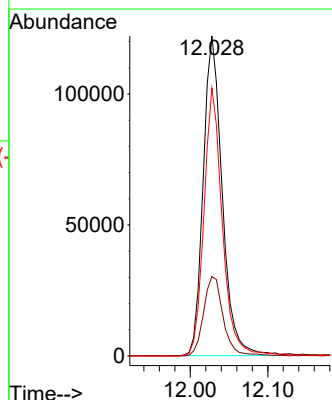
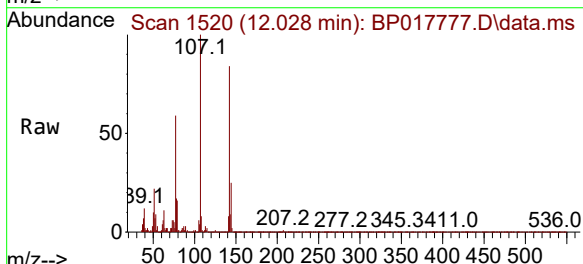
Instrument :
BNA_P
ClientSampleId :
GCD09MS

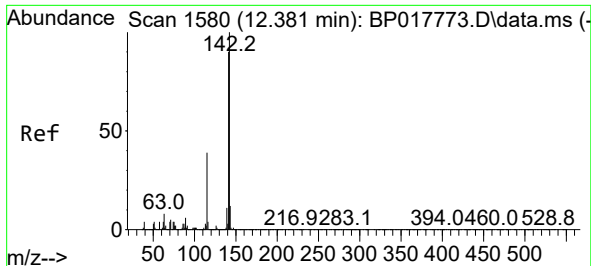
Tgt Ion:113 Resp: 55998
Ion Ratio Lower Upper
113 100
55 147.0 112.1 168.1
56 120.5 87.0 130.6



#35
4-Chloro-3-methylphenol
Concen: 36.104 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:107 Resp: 208497
Ion Ratio Lower Upper
107 100
144 24.8 22.9 34.3
142 83.7 68.1 102.1

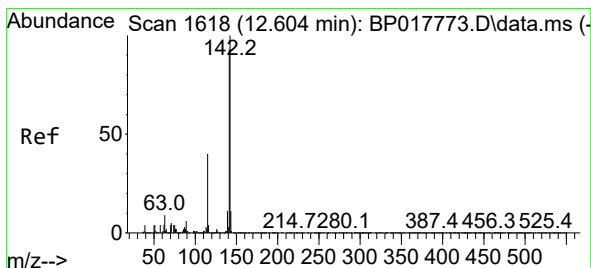
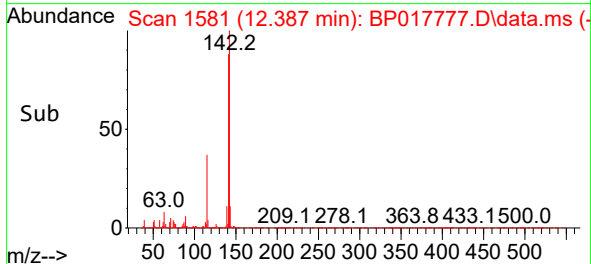
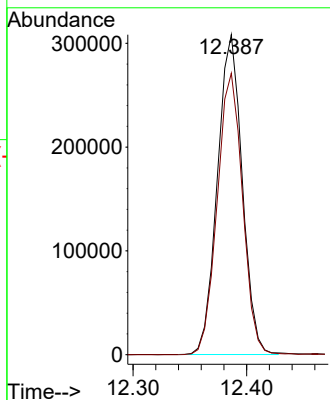
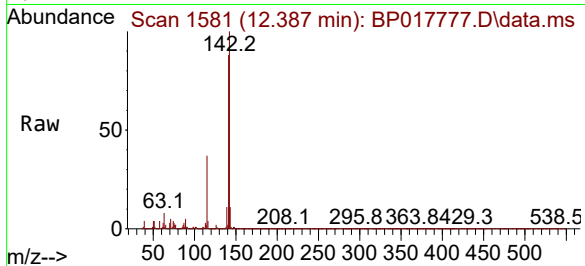




#36
2-Methylnaphthalene
Concen: 32.958 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

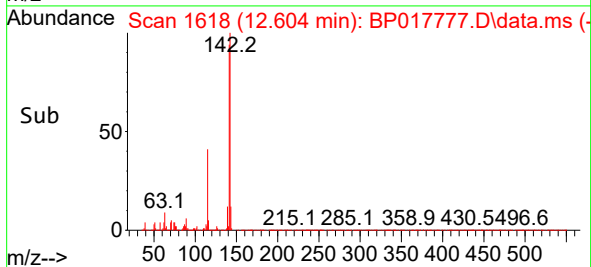
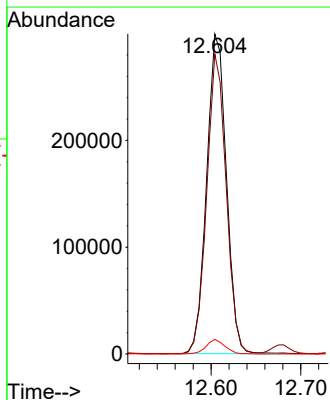
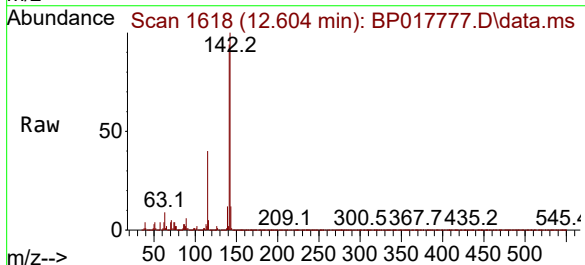
Instrument :
BNA_P
ClientSampleId :
GCD09MS

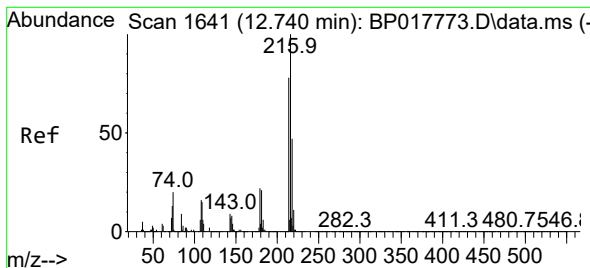
Tgt Ion:142 Resp: 467957
Ion Ratio Lower Upper
142 100
141 88.0 71.5 107.3



#37
1-Methylnaphthalene
Concen: 31.552 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:142 Resp: 458149
Ion Ratio Lower Upper
142 100
141 93.8 72.5 108.7
116 4.5 3.4 5.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.817 ng/ul

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

Tgt Ion:216 Resp: 249955

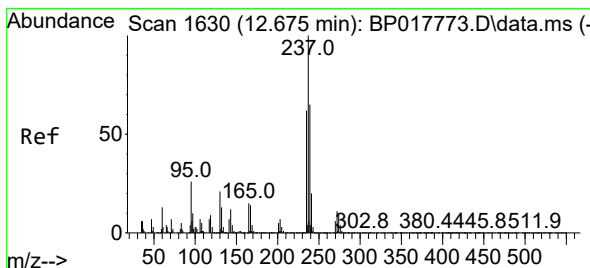
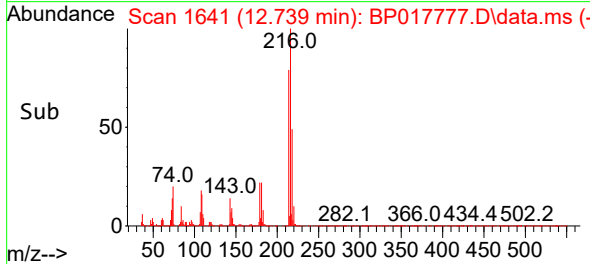
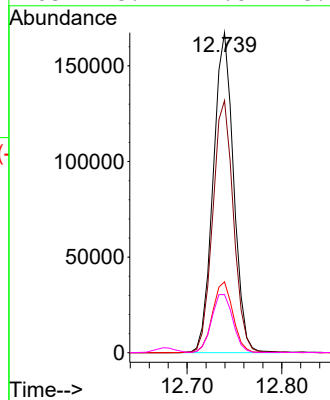
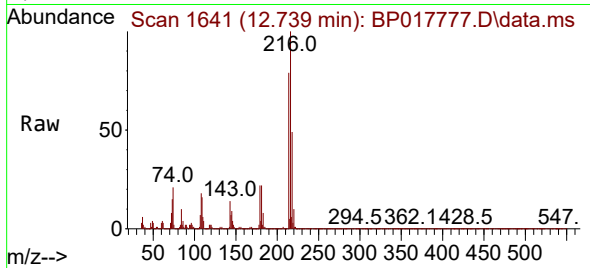
Ion Ratio Lower Upper

216 100

214 78.8 62.2 93.2

179 22.2 15.8 23.8

108 18.2 12.6 18.8



#40

Hexachlorocyclopentadiene

Concen: 18.225 ng/ul

RT: 12.681 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

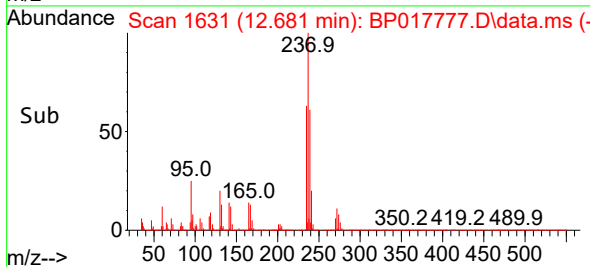
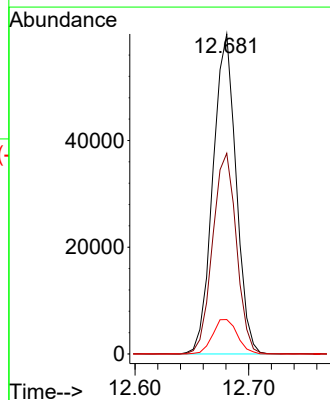
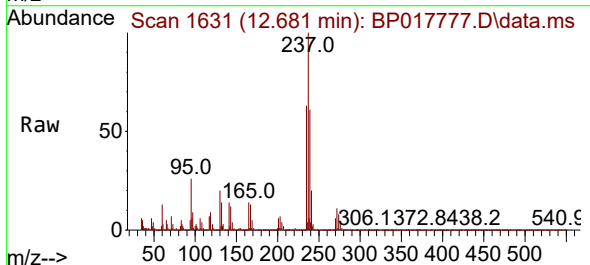
Tgt Ion:237 Resp: 84927

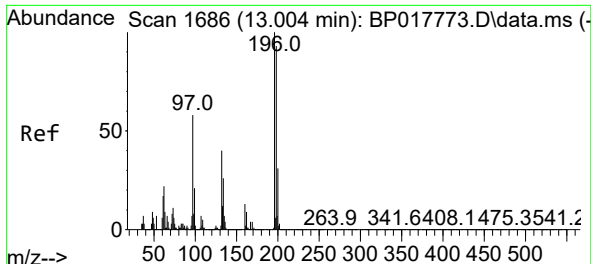
Ion Ratio Lower Upper

237 100

235 62.7 50.3 75.5

272 10.8 11.1 16.7#

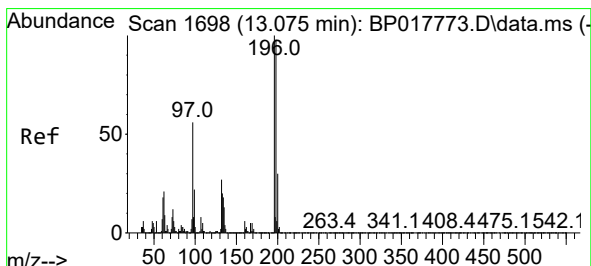
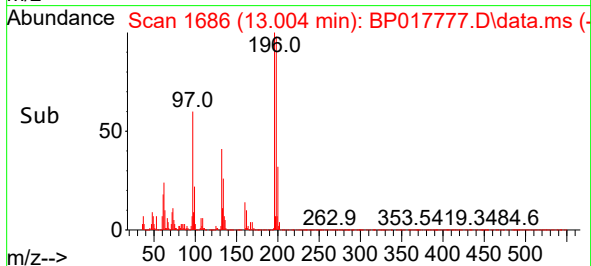
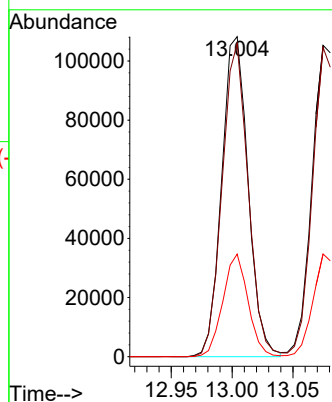
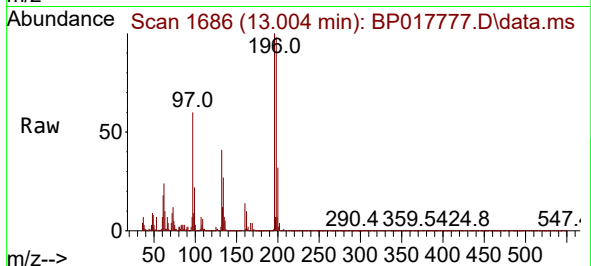




#41
2,4,6-Trichlorophenol
Concen: 33.637 ng/ul
RT: 13.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

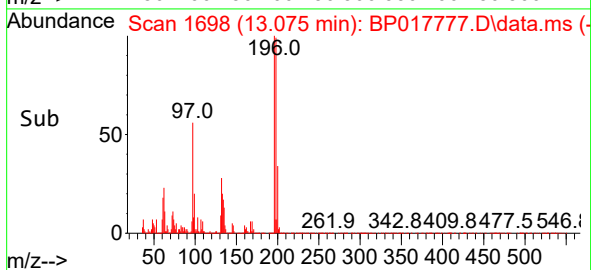
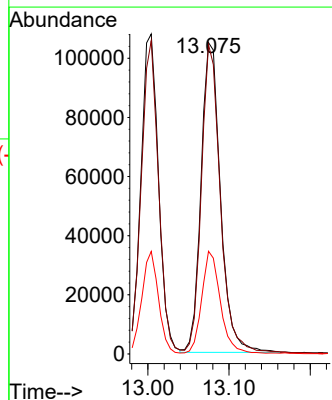
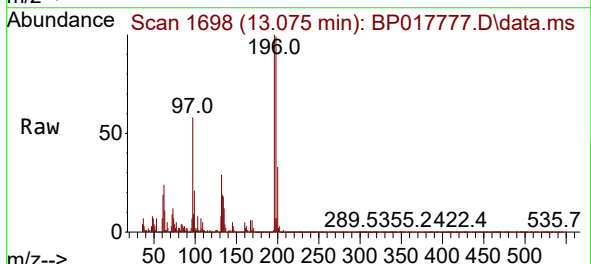
Instrument :
BNA_P
ClientSampleId :
GCD09MS

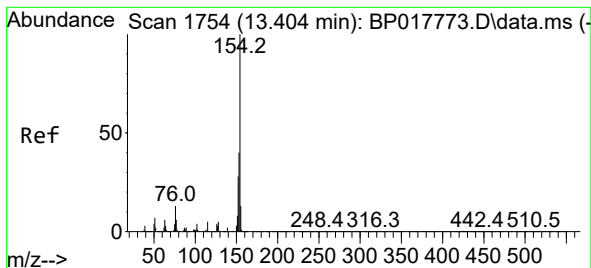
Tgt Ion:196 Resp: 163735
Ion Ratio Lower Upper
196 100
198 97.9 74.7 112.1
200 32.0 23.7 35.5



#42
2,4,5-Trichlorophenol
Concen: 34.726 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:196 Resp: 174765
Ion Ratio Lower Upper
196 100
198 99.4 76.0 114.0
200 33.0 24.3 36.5





#43

1,1'-Biphenyl

Concen: 34.482 ng/ul

RT: 13.404 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

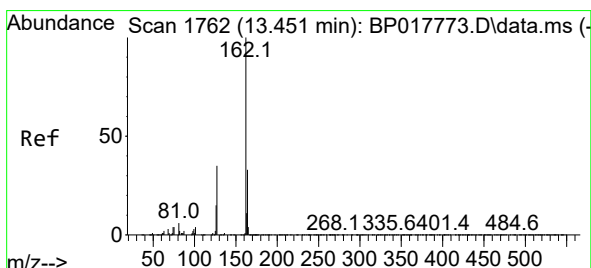
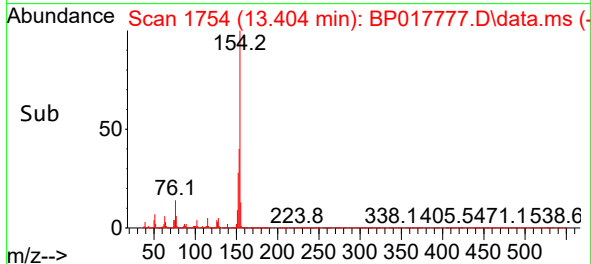
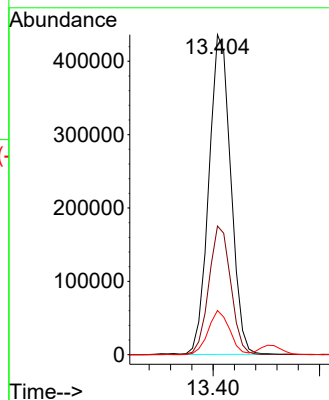
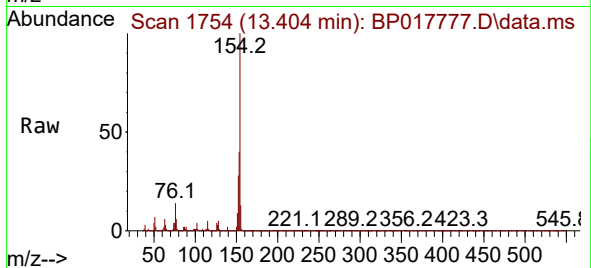
Tgt Ion:154 Resp: 622699

Ion Ratio Lower Upper

154 100

153 40.2 32.6 49.0

76 13.8 9.8 14.8



#44

2-Chloronaphthalene

Concen: 34.011 ng/ul

RT: 13.457 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

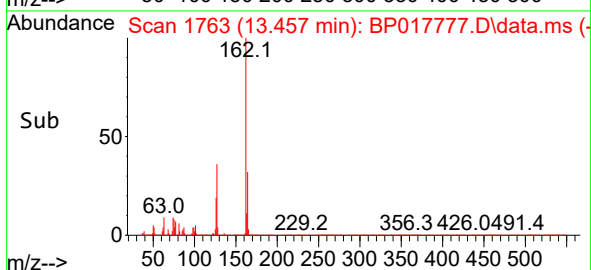
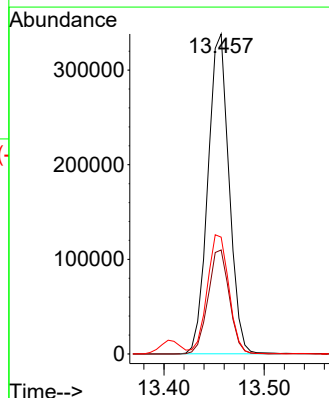
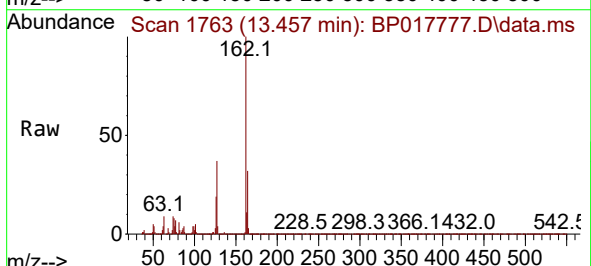
Tgt Ion:162 Resp: 496496

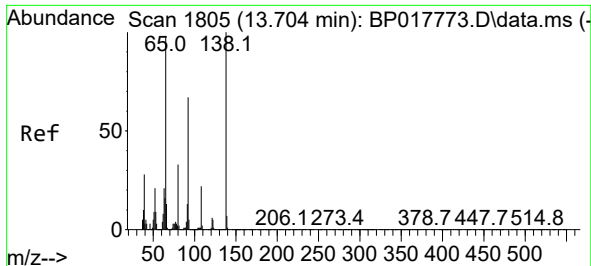
Ion Ratio Lower Upper

162 100

164 32.5 25.9 38.9

127 36.5 29.9 44.9

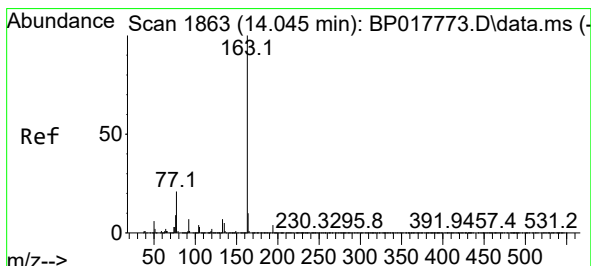
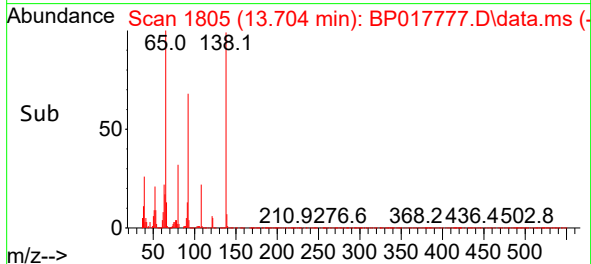
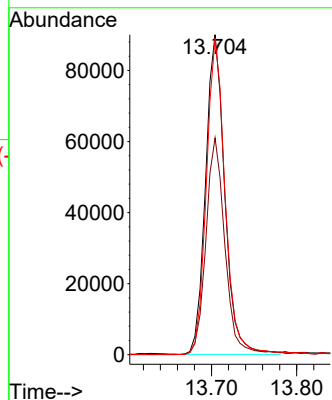
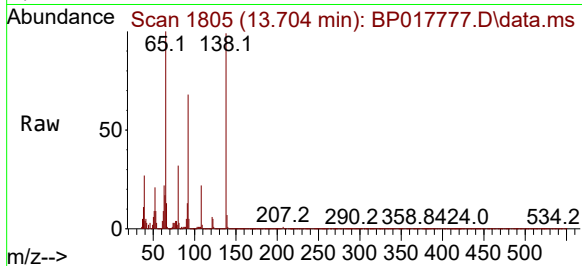




#45
2-Nitroaniline
Concen: 42.273 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

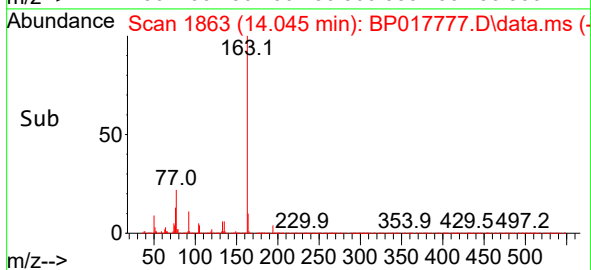
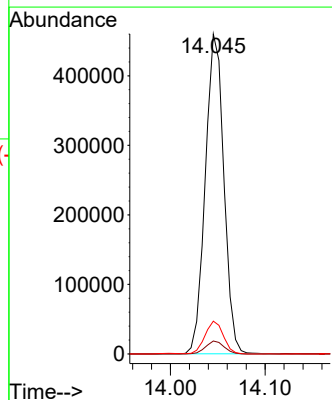
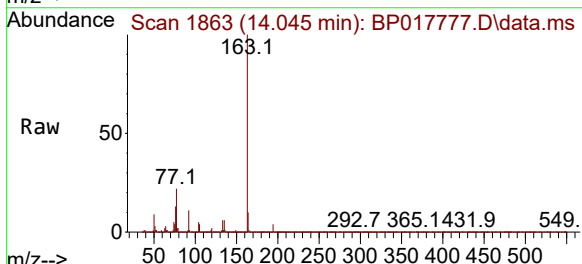
Instrument :
BNA_P
ClientSampleId :
GCD09MS

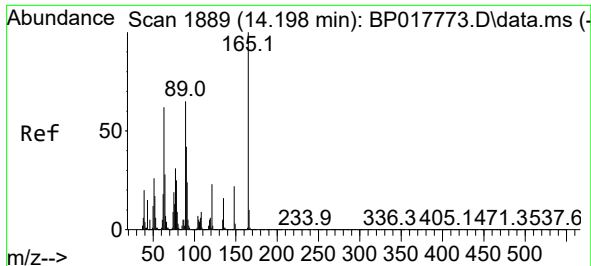
Tgt Ion: 65 Resp: 140234
Ion Ratio Lower Upper
65 100
92 67.8 56.2 84.4
138 98.9 85.9 128.9



#47
Dimethylphthalate
Concen: 34.432 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:163 Resp: 624438
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.4

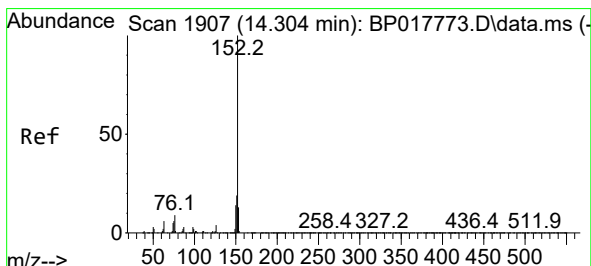
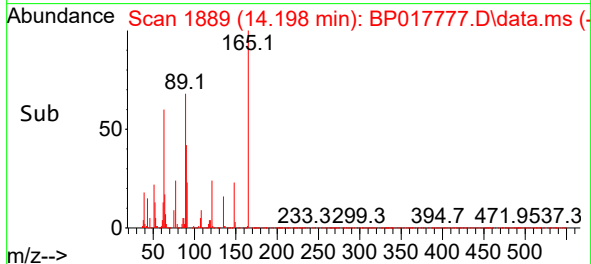
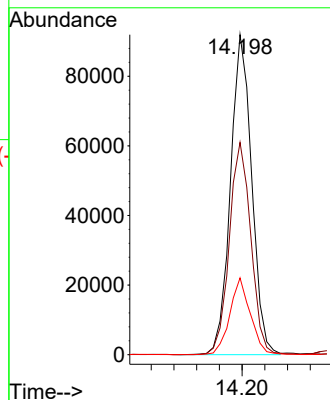
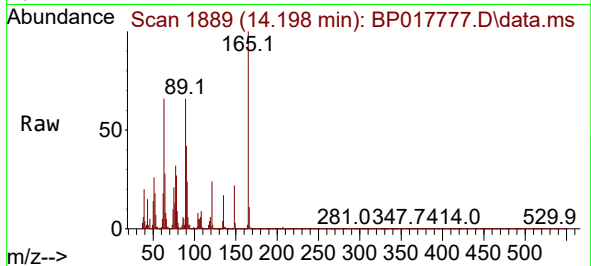




#48
2,6-Dinitrotoluene
Concen: 35.718 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

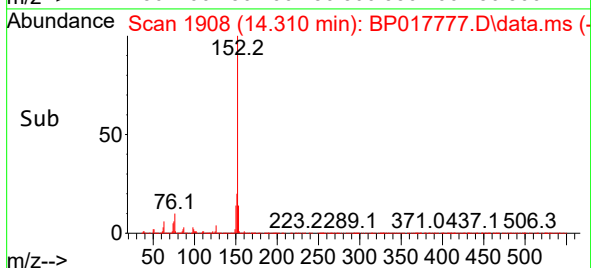
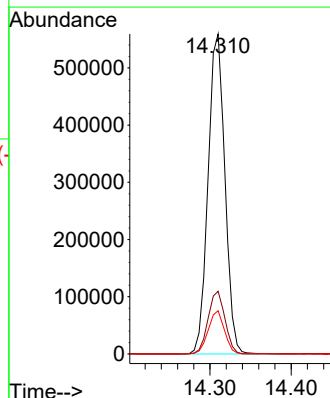
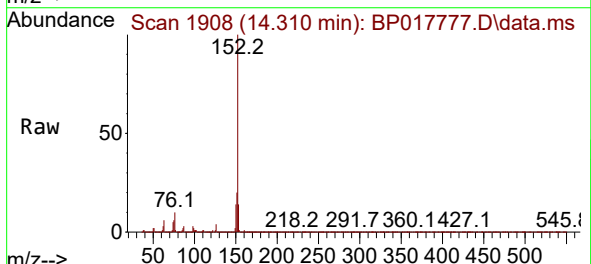
Instrument :
BNA_P
ClientSampleId :
GCD09MS

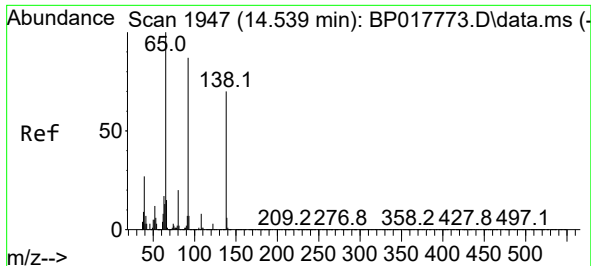
Tgt Ion:165 Resp: 119225
Ion Ratio Lower Upper
165 100
89 66.3 48.0 72.0
121 24.0 16.6 24.8



#50
Acenaphthylene
Concen: 34.973 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:152 Resp: 803908
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.5 10.8 16.2

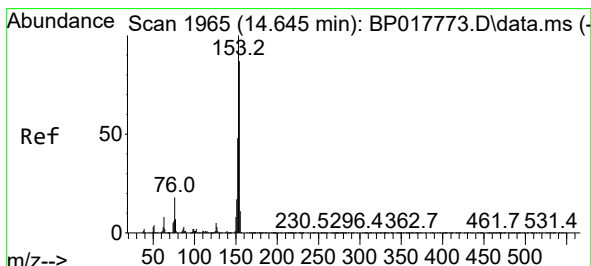
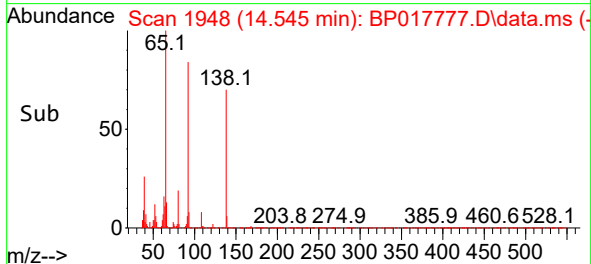
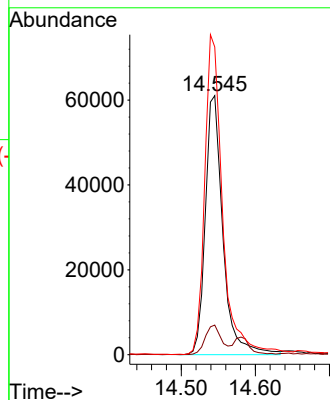
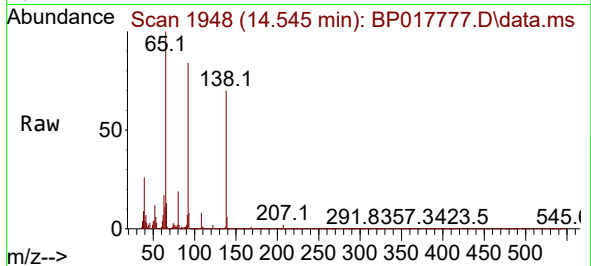




#51
3-Nitroaniline
Concen: 31.732 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

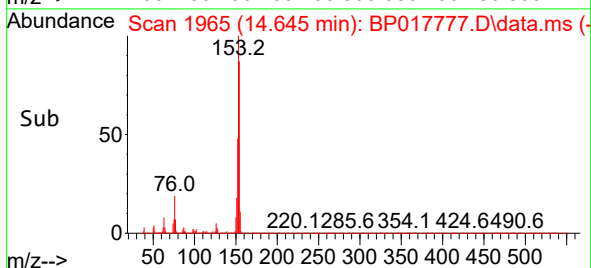
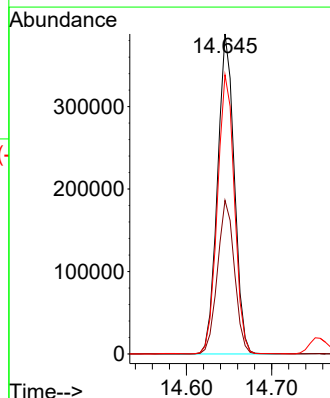
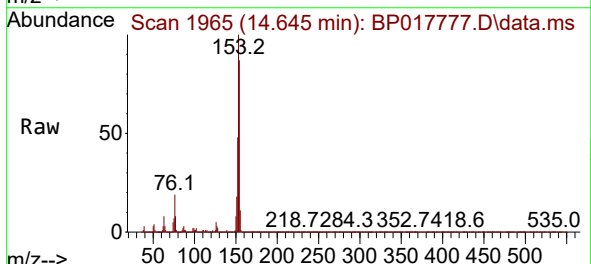
Instrument :
BNA_P
ClientSampleId :
GCD09MS

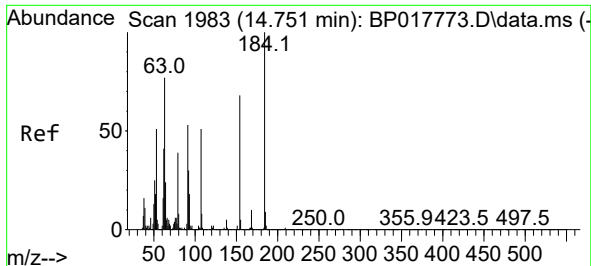
Tgt Ion:138 Resp: 100740
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 118.8 95.2 142.8



#52
Acenaphthene
Concen: 34.225 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:153 Resp: 531828
Ion Ratio Lower Upper
153 100
152 48.0 37.6 56.4
154 87.2 70.0 105.0

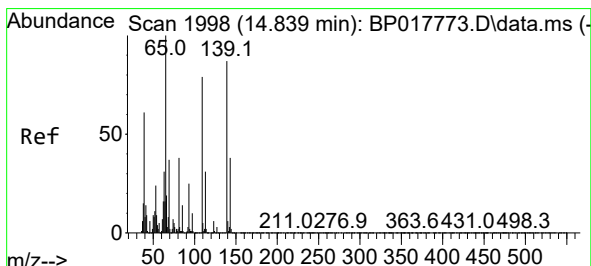
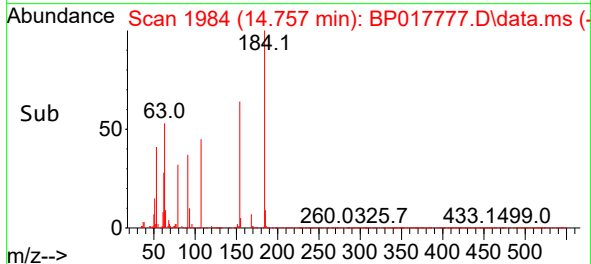
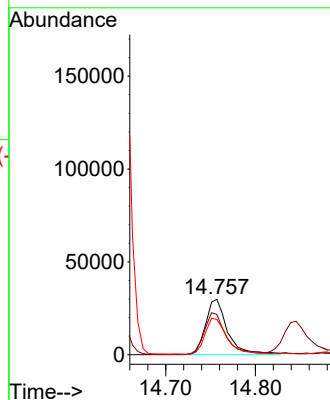
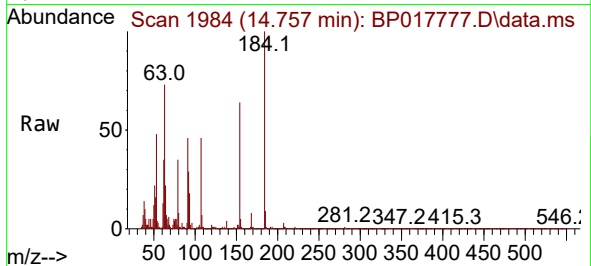




#53
2,4-Dinitrophenol
Concen: 27.071 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

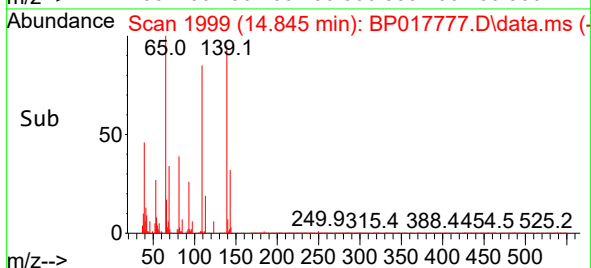
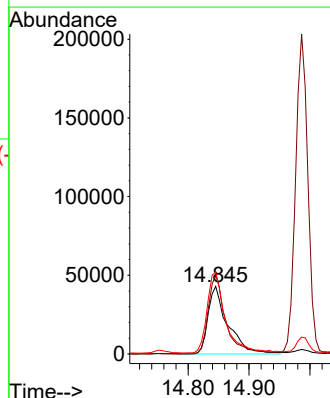
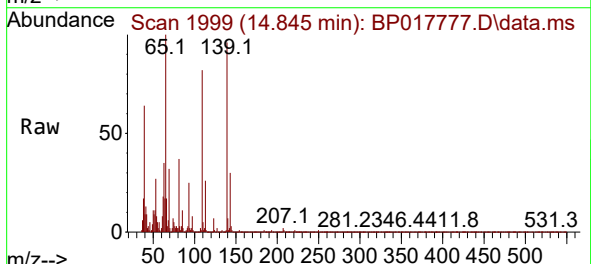
Instrument :
BNA_P
ClientSampleId :
GCD09MS

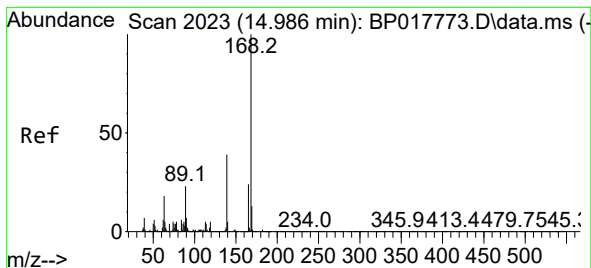
Tgt Ion:184 Resp: 50725
Ion Ratio Lower Upper
184 100
63 72.8 50.6 76.0
154 63.8 47.9 71.9



#55
4-Nitrophenol
Concen: 34.802 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:109 Resp: 96591
Ion Ratio Lower Upper
109 100
139 116.2 92.9 139.3
65 121.3 94.5 141.7





#56

Dibenzenofuran

Concen: 33.791 ng/ul

RT: 14.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

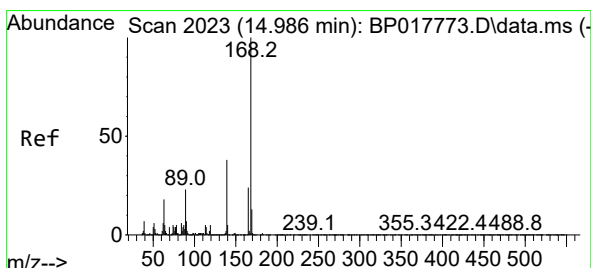
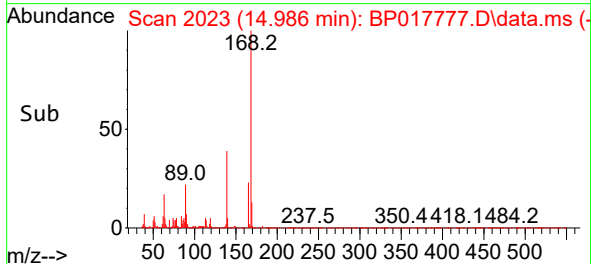
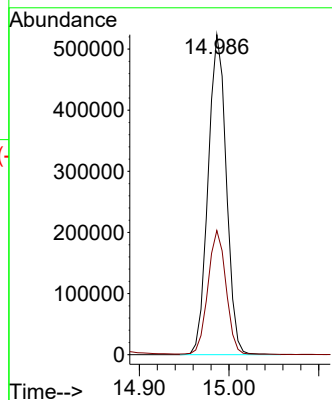
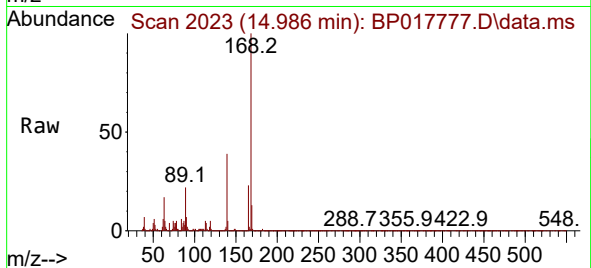
GCD09MS

Tgt Ion:168 Resp: 737215

Ion Ratio Lower Upper

168 100

139 38.8 28.6 43.0



#57

2,4-Dinitrotoluene

Concen: 36.237 ng/ul

RT: 14.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

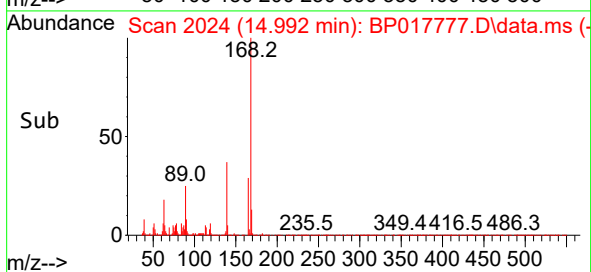
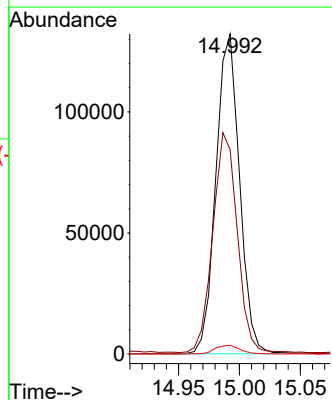
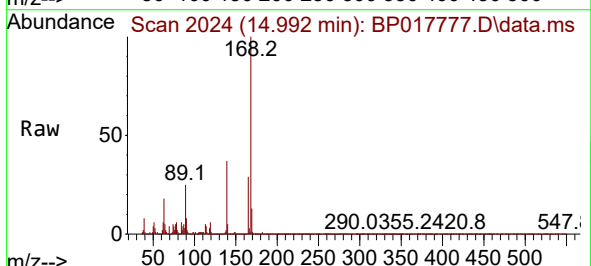
Tgt Ion:165 Resp: 178519

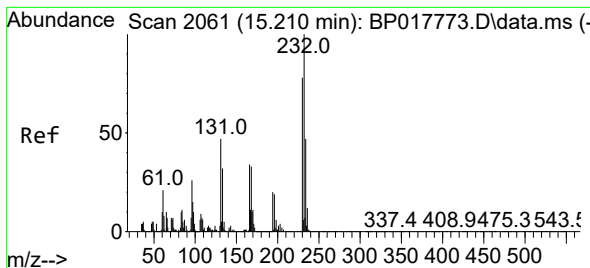
Ion Ratio Lower Upper

165 100

63 63.8 51.1 76.7

182 2.7 2.7 4.1#

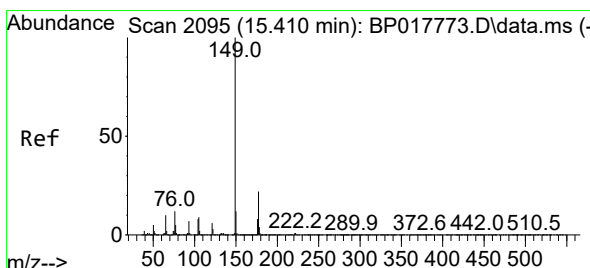
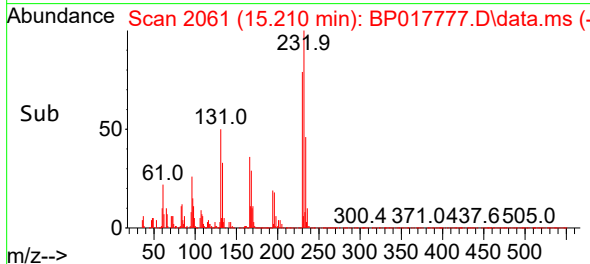
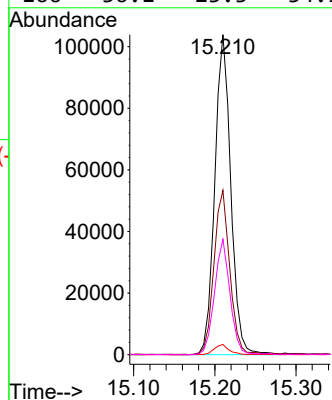
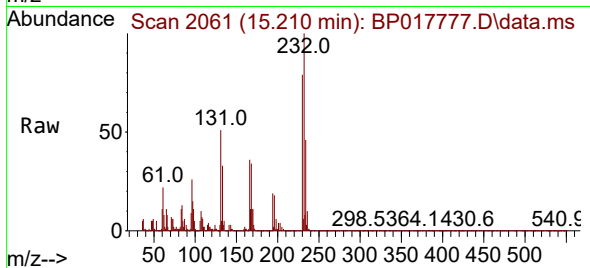




#58
2,3,4,6-Tetrachlorophenol
Concen: 31.912 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

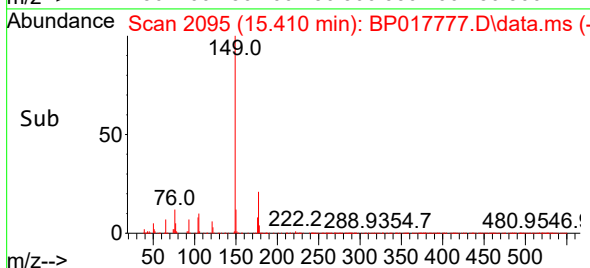
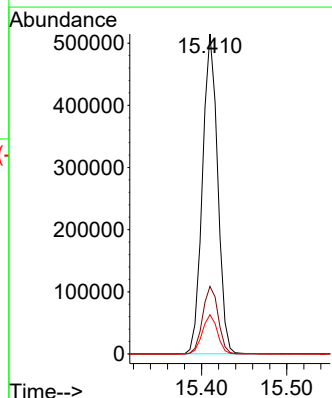
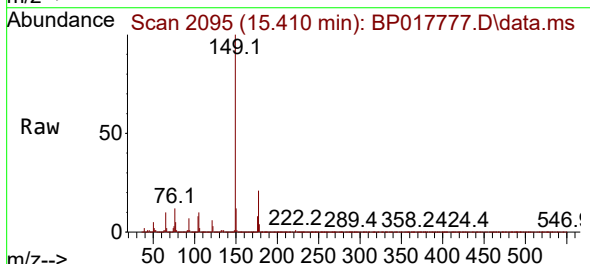
Instrument :
BNA_P
ClientSampleId :
GCD09MS

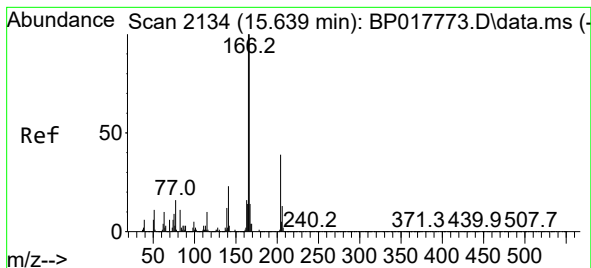
Tgt Ion:	232	Resp:	142519
Ion	Ratio	Lower	Upper
232	100		
131	51.3	32.9	49.3#
130	3.2	1.8	2.8#
166	36.1	23.3	34.9#



#59
Diethylphthalate
Concen: 36.370 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:	149	Resp:	636820
Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.0	27.0
150	12.3	10.2	15.4





#61

Fluorene

Concen: 33.963 ng/ul

RT: 15.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

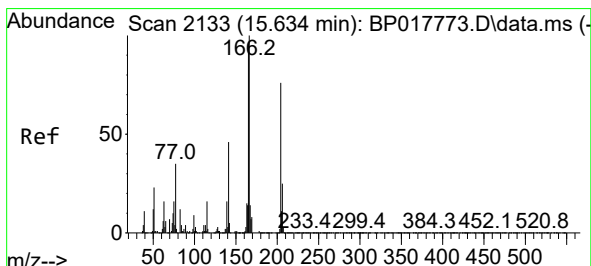
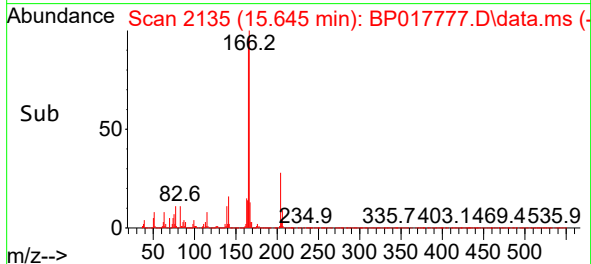
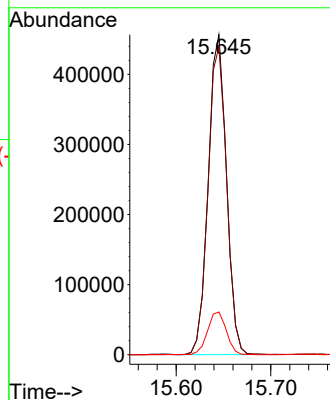
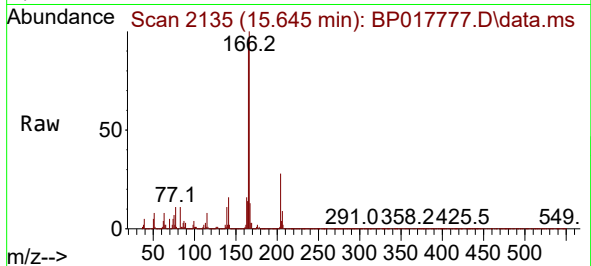
Tgt Ion:166 Resp: 608644

Ion Ratio Lower Upper

166 100

165 96.2 77.4 116.0

167 13.3 10.9 16.3



#62

4-Chlorophenyl-phenylether

Concen: 31.677 ng/ul

RT: 15.633 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

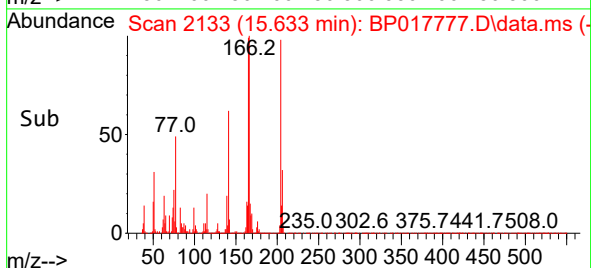
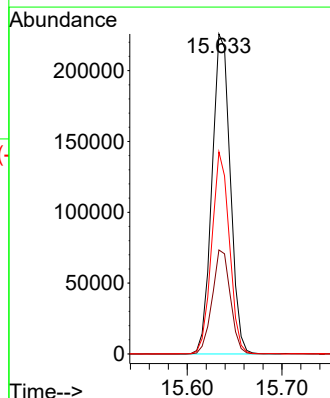
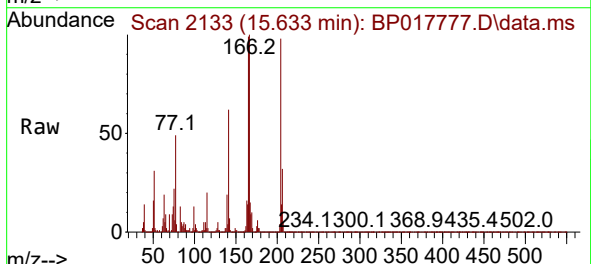
Tgt Ion:204 Resp: 301733

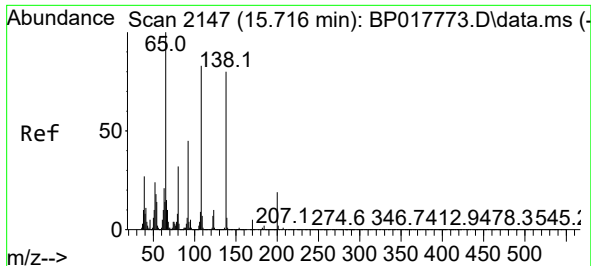
Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.4

141 63.1 42.9 64.3

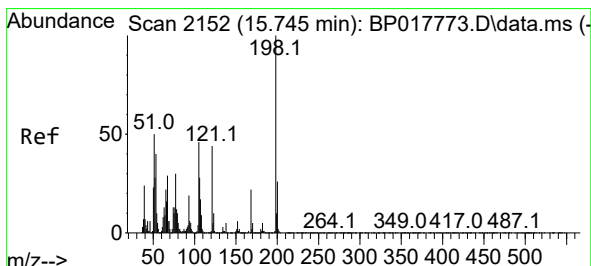
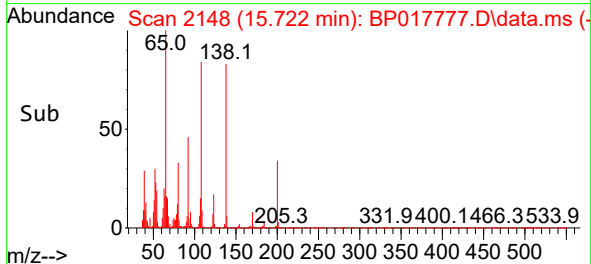
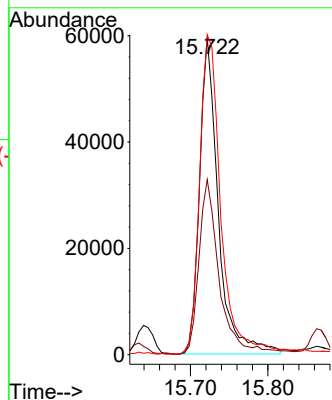
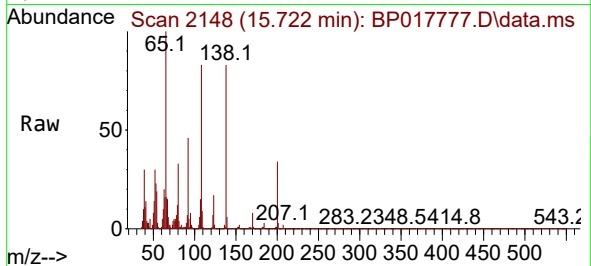




#63
4-Nitroaniline
Concen: 34.952 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

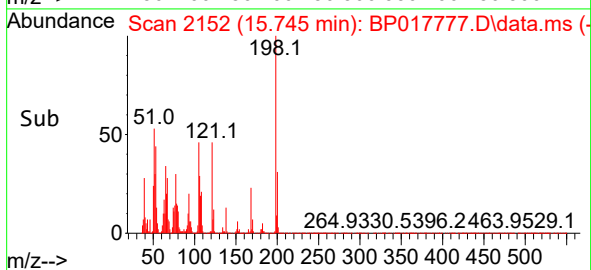
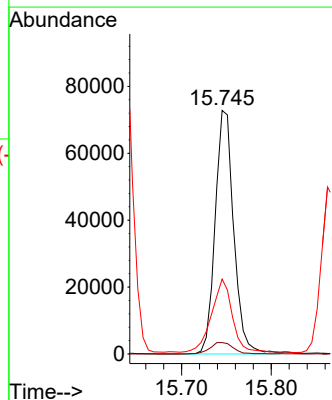
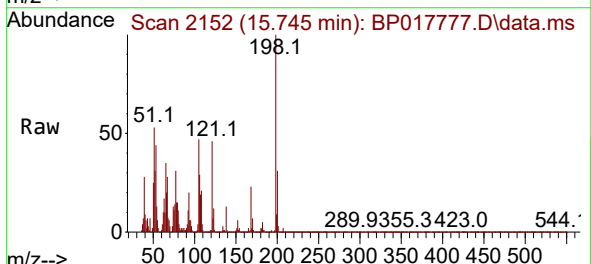
Instrument :
BNA_P
ClientSampleId :
GCD09MS

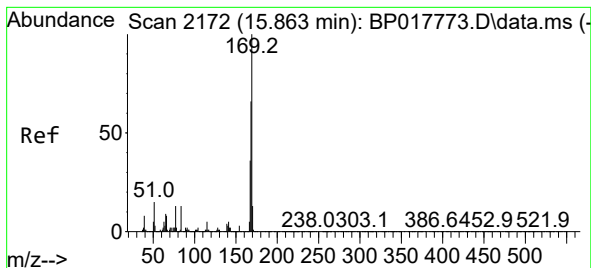
Tgt Ion:138 Resp: 100083
Ion Ratio Lower Upper
138 100
92 55.2 43.0 64.6
108 100.9 82.7 124.1



#66
4,6-Dinitro-2-methylphenol
Concen: 35.424 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:198 Resp: 104670
Ion Ratio Lower Upper
198 100
182 4.6 3.9 5.9
77 30.8 19.8 29.8#





#67

N-Nitrosodiphenylamine

Concen: 38.913 ng/ul

RT: 15.869 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

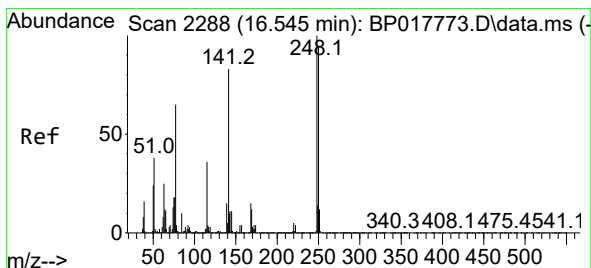
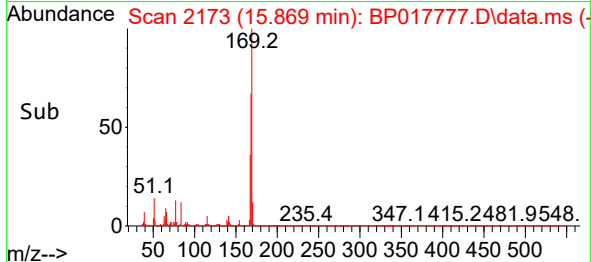
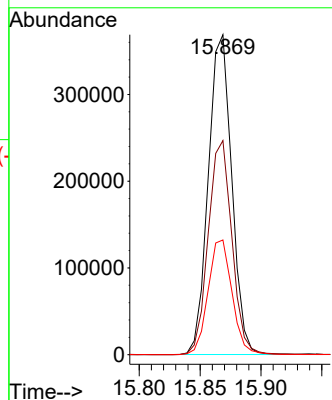
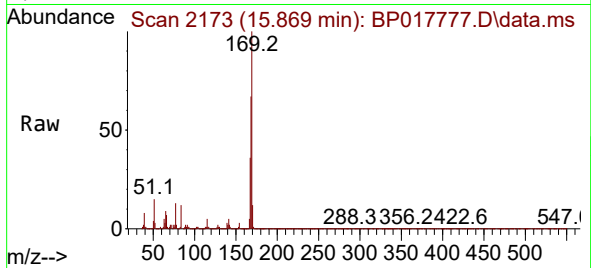
Tgt Ion:169 Resp: 493734

Ion Ratio Lower Upper

169 100

168 66.9 53.7 80.5

167 35.9 29.4 44.0



#68

4-Bromophenyl-phenylether

Concen: 34.028 ng/ul

RT: 16.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

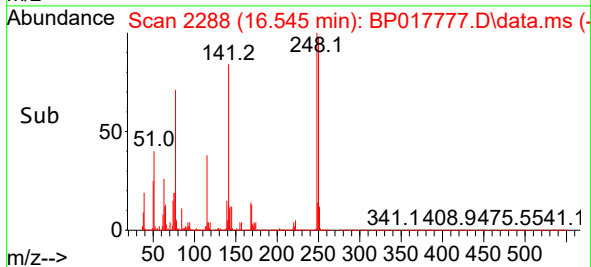
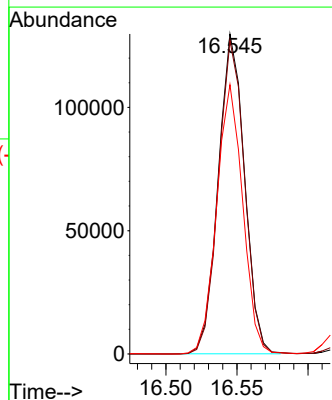
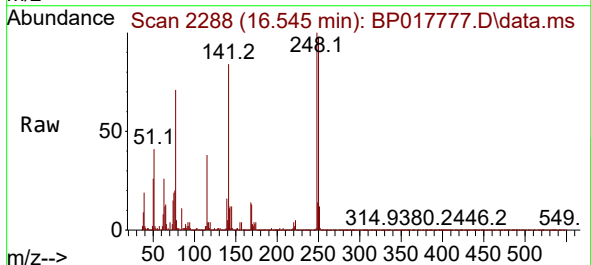
Tgt Ion:248 Resp: 166750

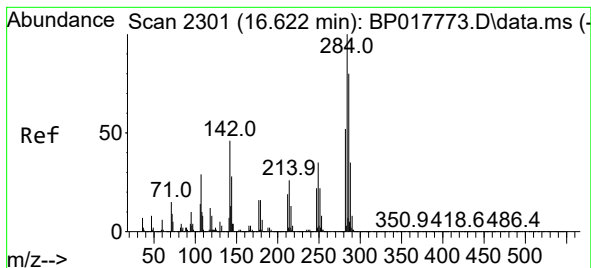
Ion Ratio Lower Upper

248 100

250 98.0 76.8 115.2

141 84.1 52.4 78.6#





#69

Hexachlorobenzene

Concen: 31.803 ng/ul

RT: 16.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

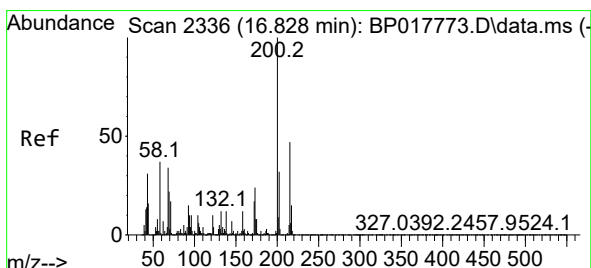
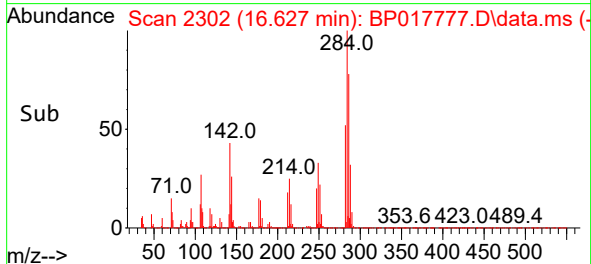
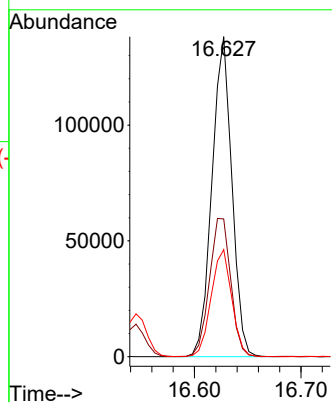
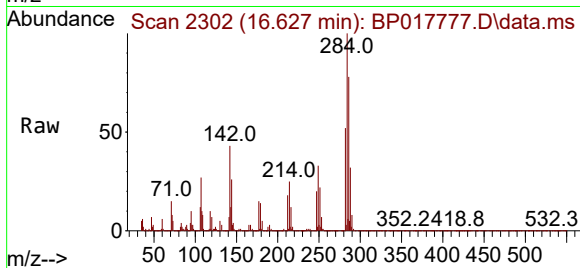
Tgt Ion:284 Resp: 178918

Ion Ratio Lower Upper

284 100

142 43.1 27.6 41.4#

249 33.5 24.5 36.7



#70

Atrazine

Concen: 34.864 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

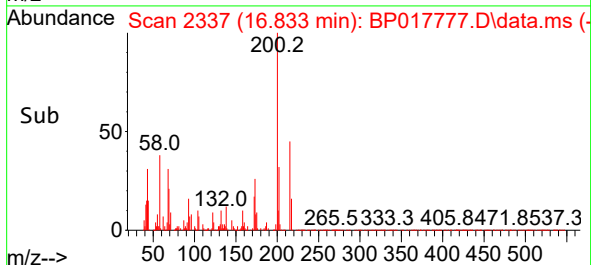
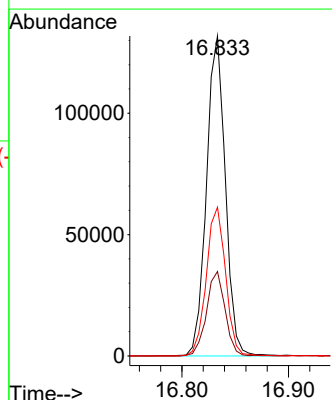
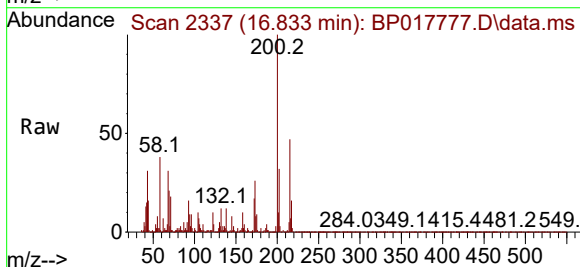
Tgt Ion:200 Resp: 162581

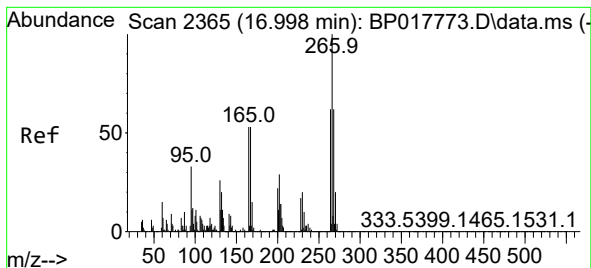
Ion Ratio Lower Upper

200 100

173 26.4 19.8 29.6

215 46.5 38.5 57.7





#71

Pentachlorophenol

Concen: 37.387 ng/ul

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

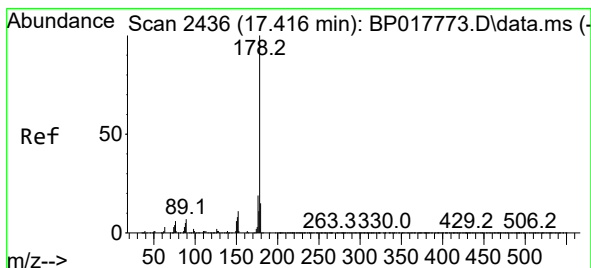
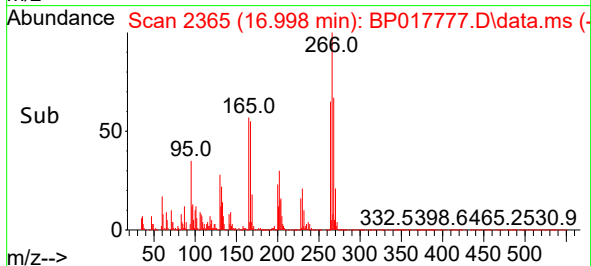
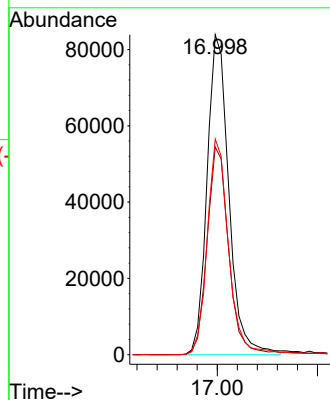
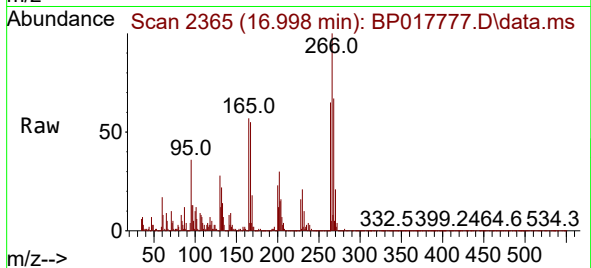
Tgt Ion:266 Resp: 126453

Ion Ratio Lower Upper

266 100

264 64.9 49.4 74.2

268 67.4 50.3 75.5



#72

Phenanthrene

Concen: 35.628 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

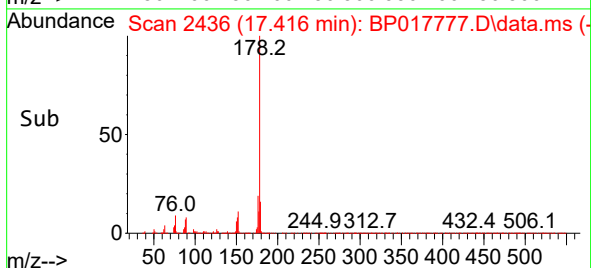
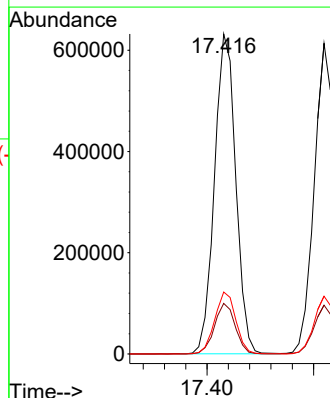
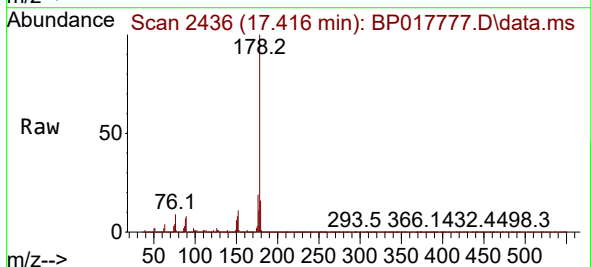
Tgt Ion:178 Resp: 874089

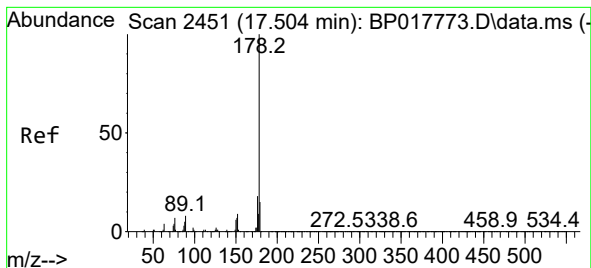
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.4 15.3 22.9





#74

Anthracene

Concen: 33.800 ng/uI

RT: 17.510 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

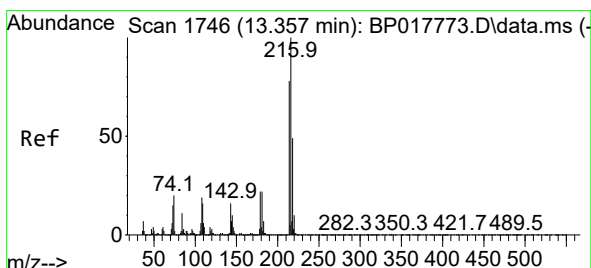
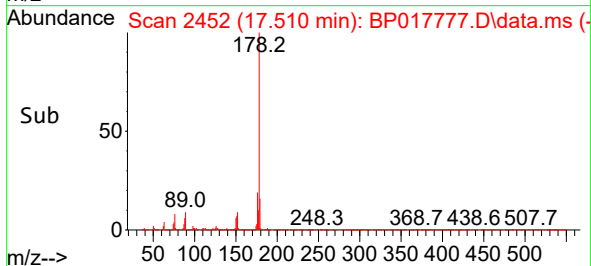
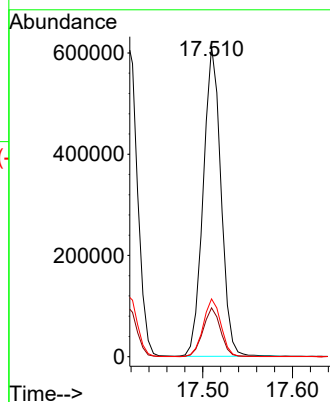
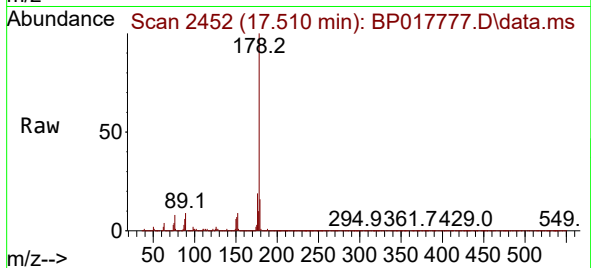
Tgt Ion:178 Resp: 839882

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 18.6 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.134 ng/uL

RT: 13.357 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

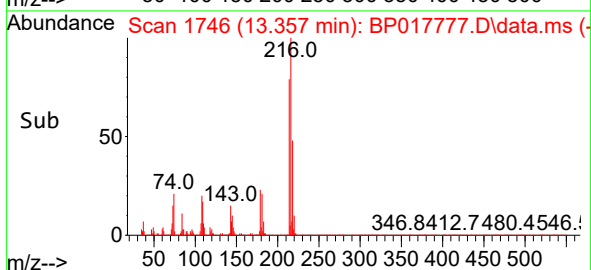
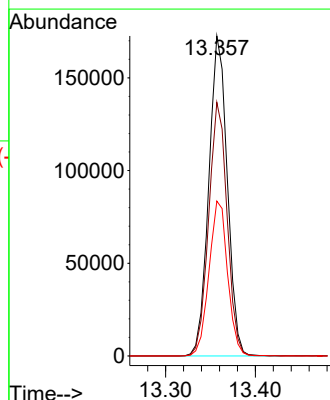
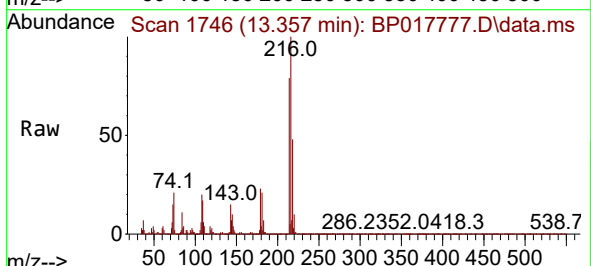
Tgt Ion:216 Resp: 246895

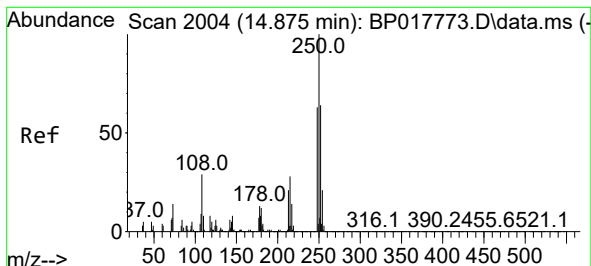
Ion Ratio Lower Upper

216 100

214 79.2 60.7 91.1

218 48.4 38.2 57.4





#76

Pentachlorobenzene

Concen: 31.544 ng/uL

RT: 14.875 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

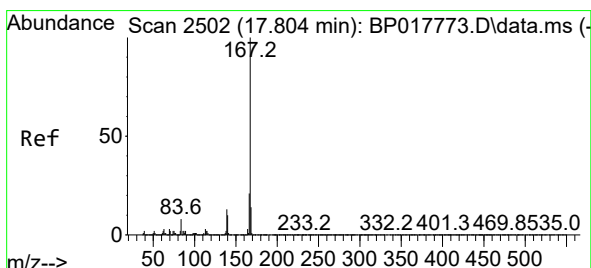
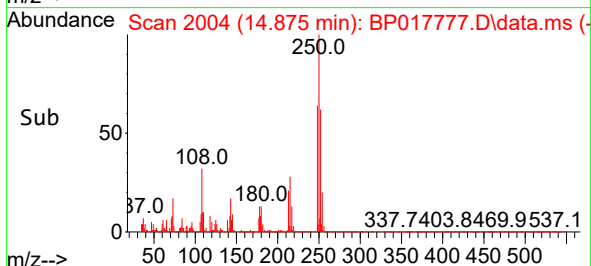
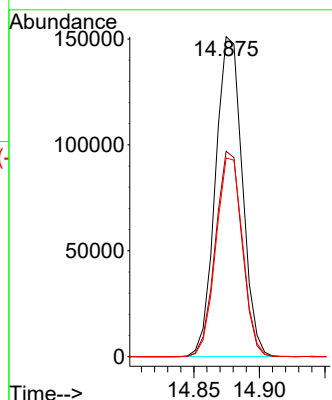
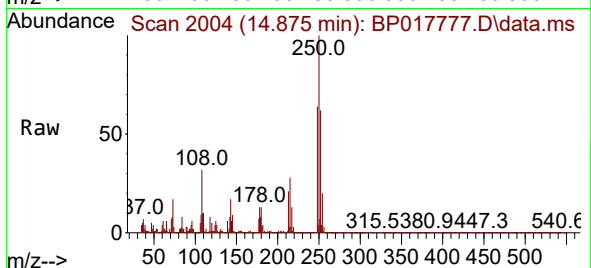
Tgt Ion:250 Resp: 214838

Ion Ratio Lower Upper

250 100

248 64.2 50.2 75.4

252 62.1 49.6 74.4



#77

Carbazole

Concen: 36.634 ng/uL

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

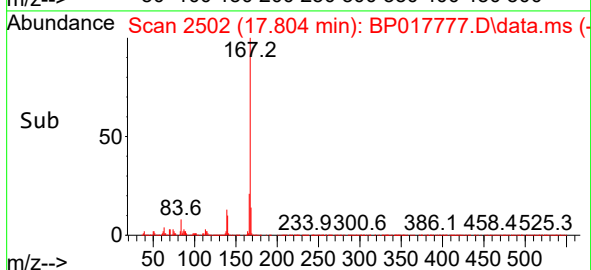
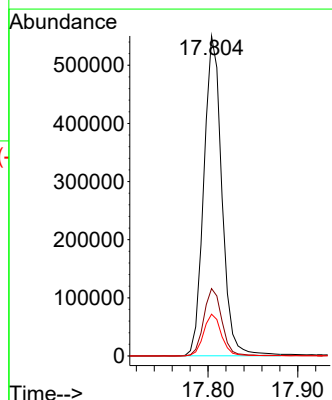
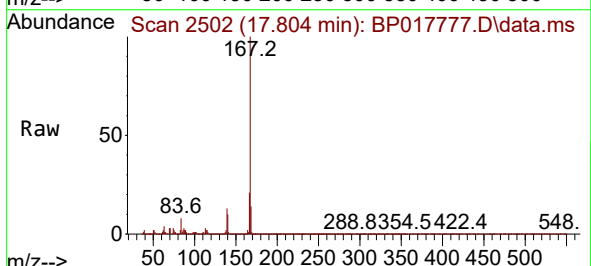
Tgt Ion:167 Resp: 769356

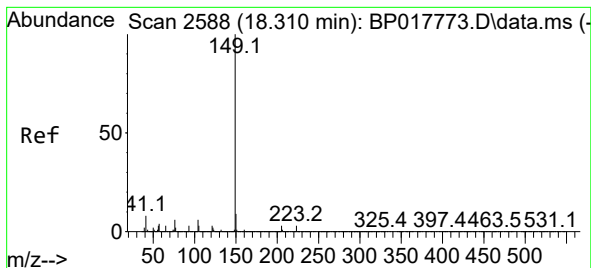
Ion Ratio Lower Upper

167 100

166 21.0 16.7 25.1

139 13.0 9.8 14.6





#78

Di-n-butylphthalate

Concen: 42.509 ng/ul

RT: 18.316 min Scan# 2588

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

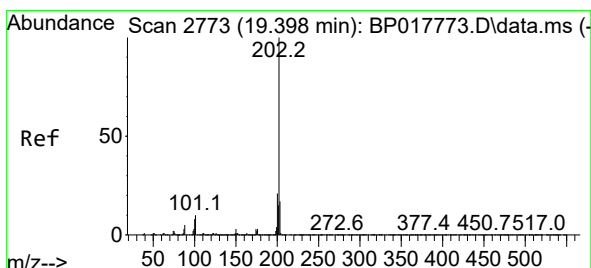
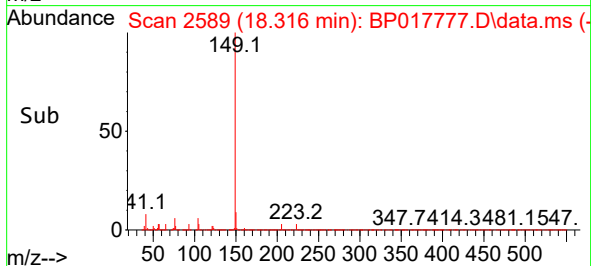
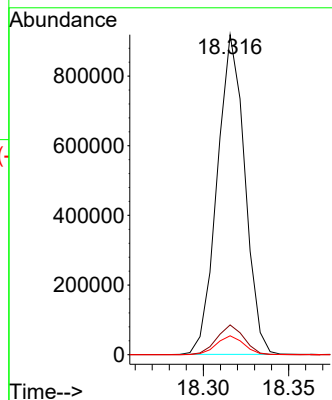
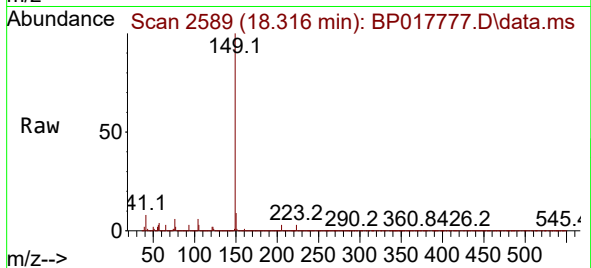
Tgt Ion:149 Resp: 1036445

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.9 4.3 6.5



#80

Fluoranthene

Concen: 39.882 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

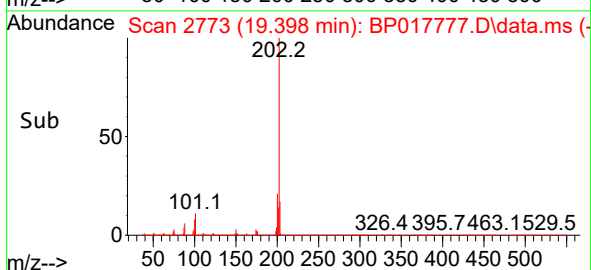
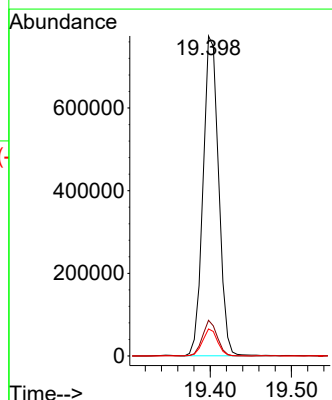
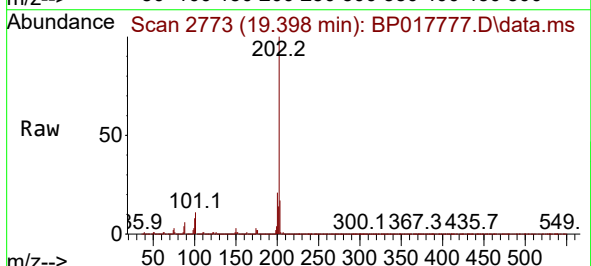
Tgt Ion:202 Resp: 1028229

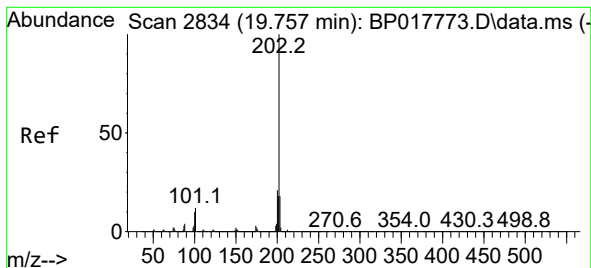
Ion Ratio Lower Upper

202 100

101 11.1 7.1 10.7#

100 8.5 5.7 8.5





#82

Pyrene

Concen: 38.911 ng/ul

RT: 19.763 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

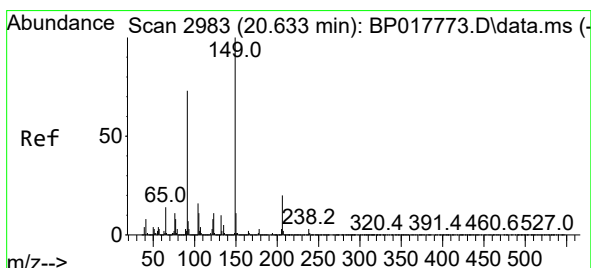
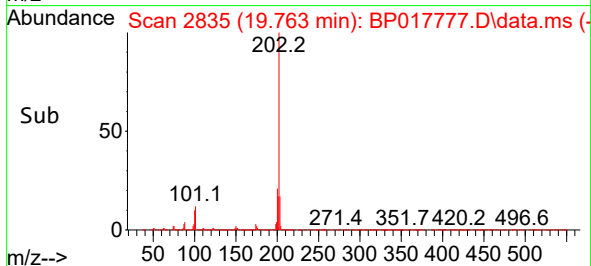
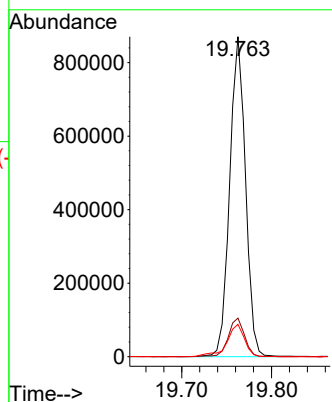
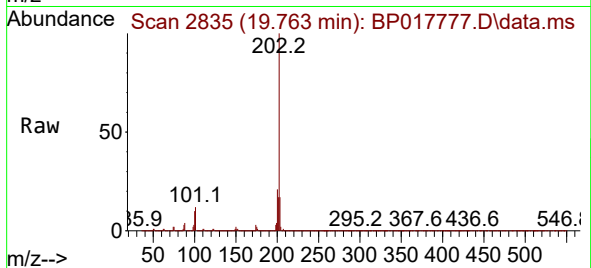
Tgt Ion:202 Resp: 1062826

Ion Ratio Lower Upper

202 100

101 12.1 8.3 12.5

100 10.1 7.4 11.0



#83

Butylbenzylphthalate

Concen: 49.504 ng/ul

RT: 20.633 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

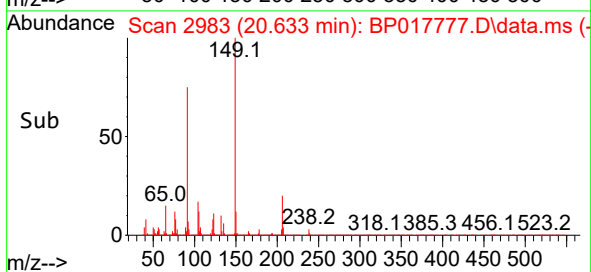
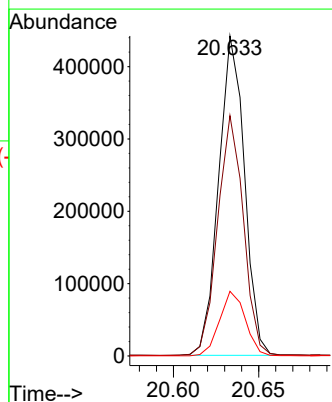
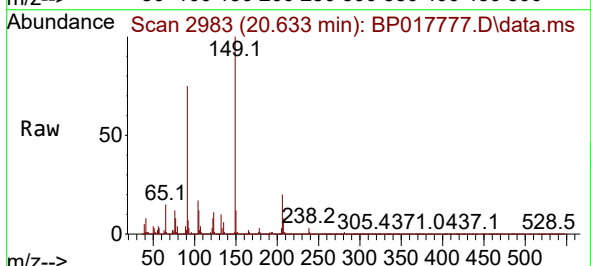
Tgt Ion:149 Resp: 465068

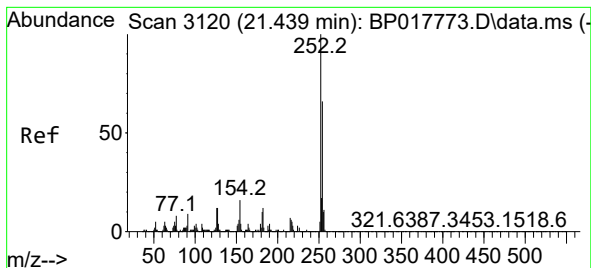
Ion Ratio Lower Upper

149 100

91 75.1 58.8 88.2

206 20.2 17.5 26.3





#84

3,3'-Dichlorobenzidine

Concen: 20.571 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

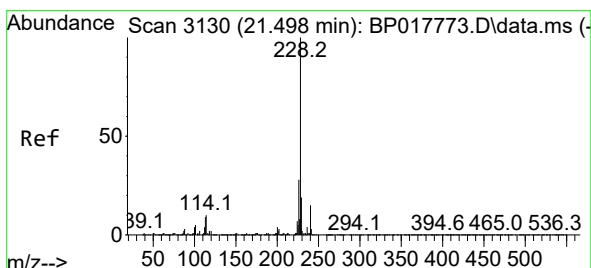
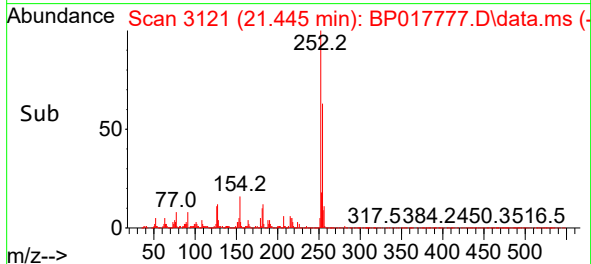
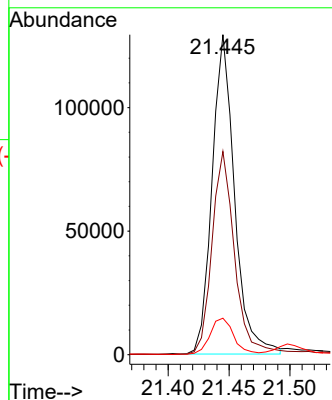
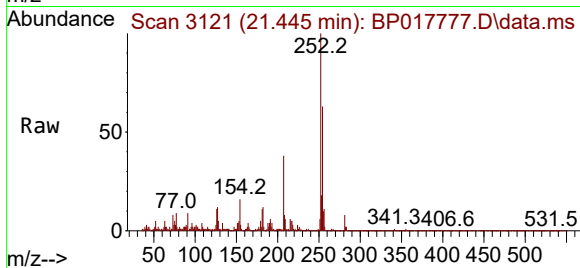
Tgt Ion:252 Resp: 166349

Ion Ratio Lower Upper

252 100

254 63.5 51.8 77.8

126 11.4 7.8 11.6



#85

Benzo(a)anthracene

Concen: 36.903 ng/ul

RT: 21.498 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

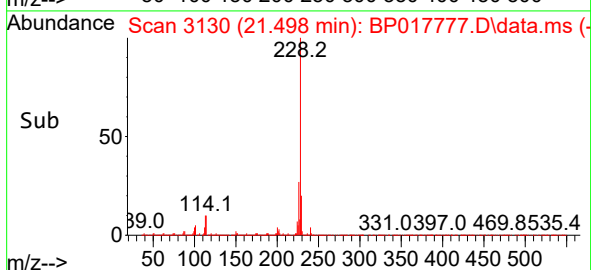
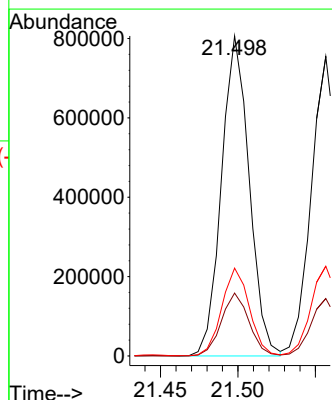
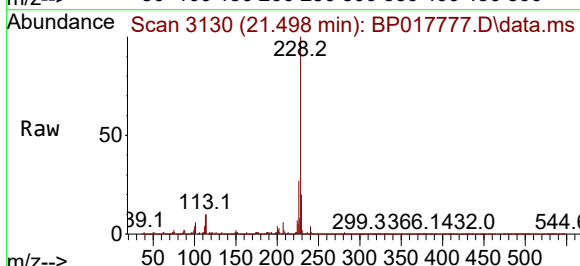
Tgt Ion:228 Resp: 1004109

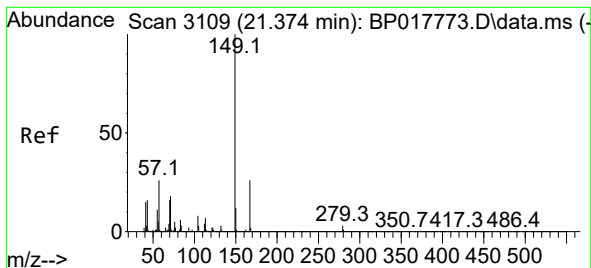
Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.5 21.1 31.7

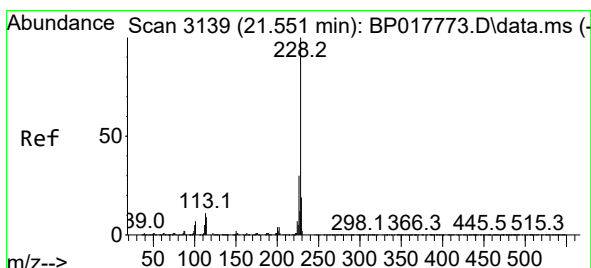
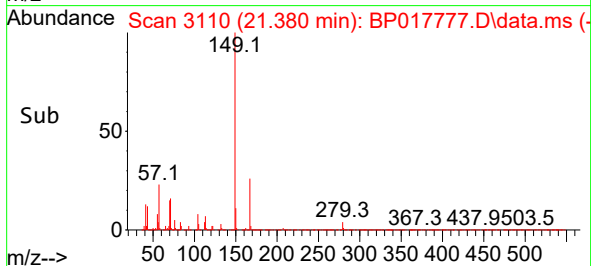
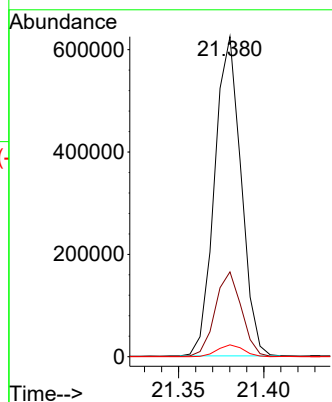
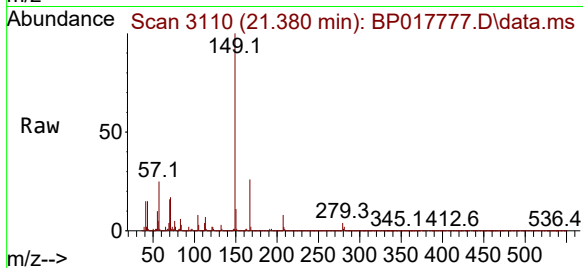




#86
Bis(2-ethylhexyl)phthalate
Concen: 51.430 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

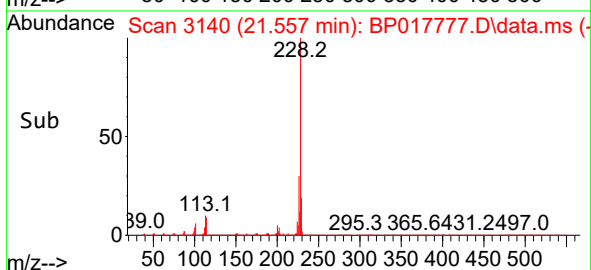
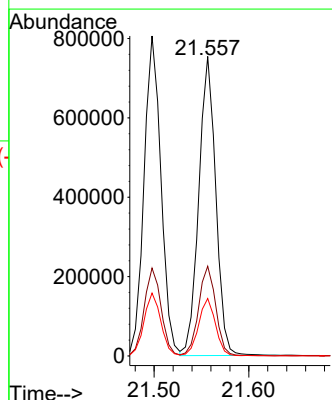
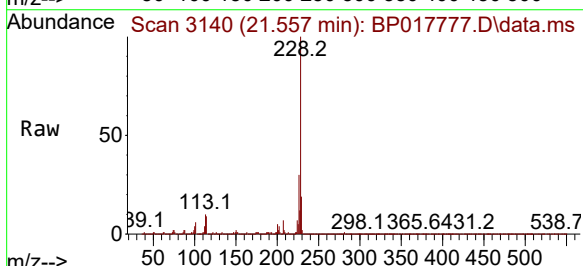
Instrument :
BNA_P
ClientSampleId :
GCD09MS

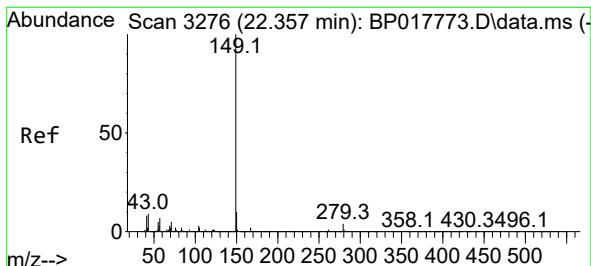
Tgt Ion:149 Resp: 674479
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 3.7 3.6 5.4



#87
Chrysene
Concen: 36.601 ng/ul
RT: 21.557 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP017777.D
Acq: 24 Oct 2023 14:52

Tgt Ion:228 Resp: 941769
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.2 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 48.300 ng/ul

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

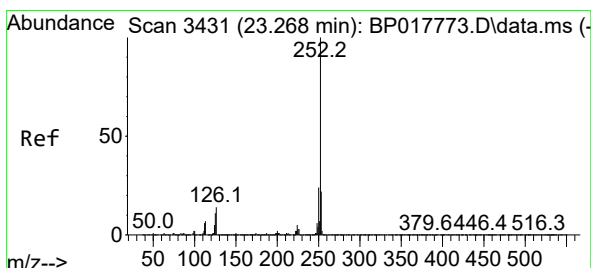
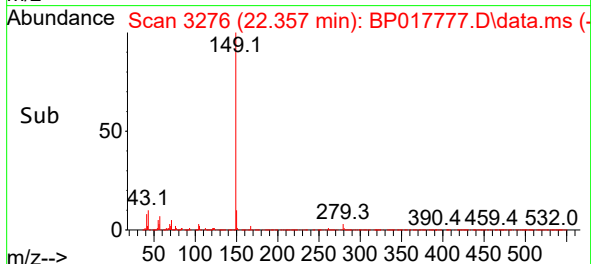
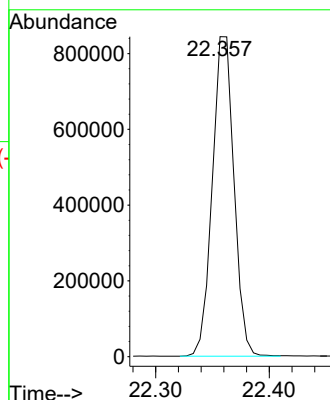
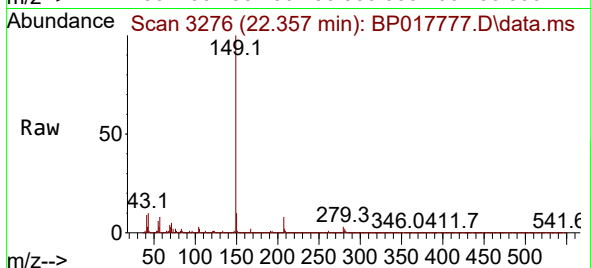
Instrument :

BNA_P

ClientSampleId :

GCD09MS

Tgt Ion:149 Resp: 1118991



#90

Benzo(b)fluoranthene

Concen: 37.941 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

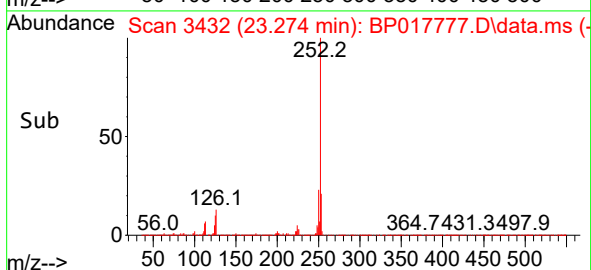
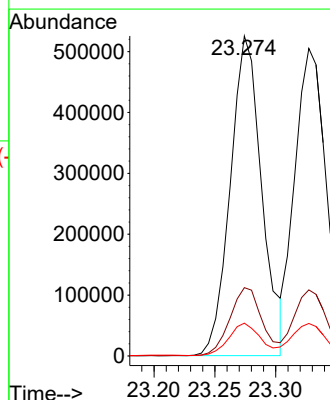
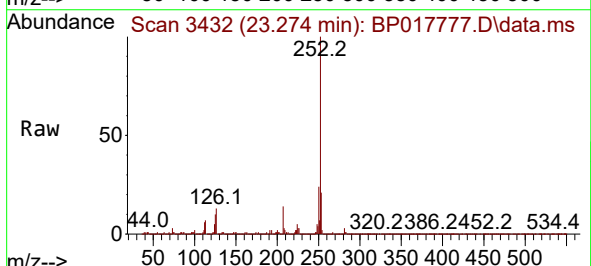
Tgt Ion:252 Resp: 944427

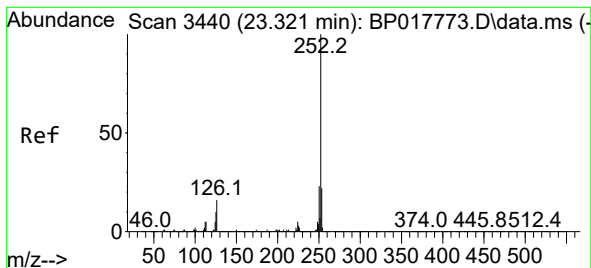
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.2 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 37.436 ng/ul

RT: 23.274 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

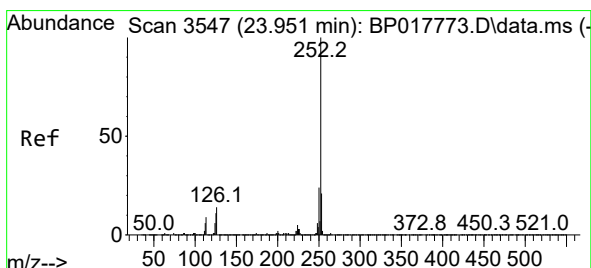
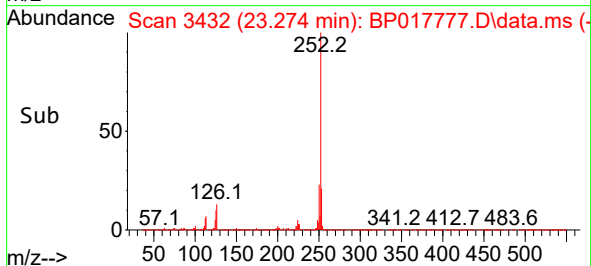
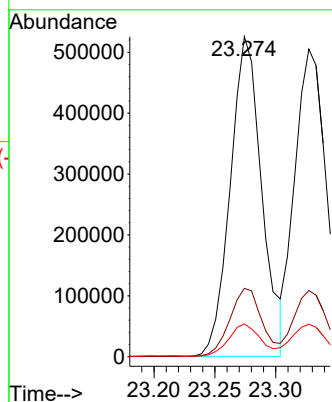
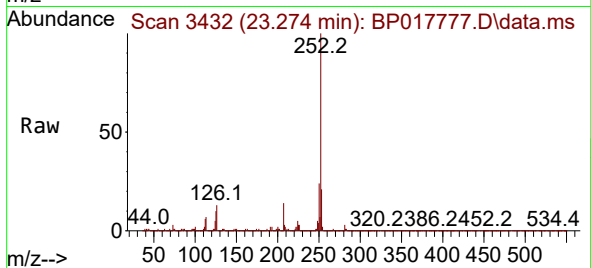
Tgt Ion:252 Resp: 944427

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.2 7.0 10.6



#93

Benzo(a)pyrene

Concen: 36.116 ng/ul

RT: 23.956 min Scan# 3548

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

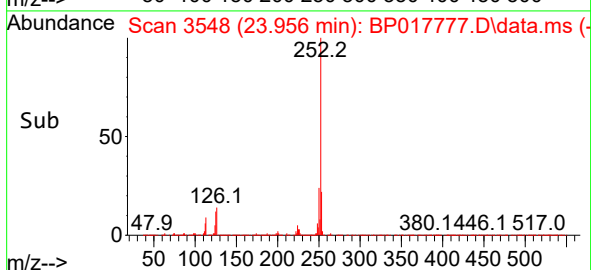
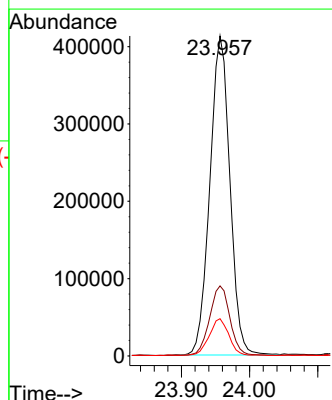
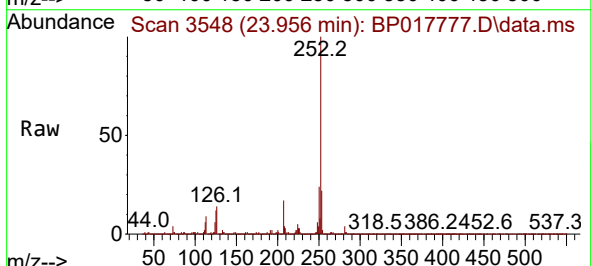
Tgt Ion:252 Resp: 843980

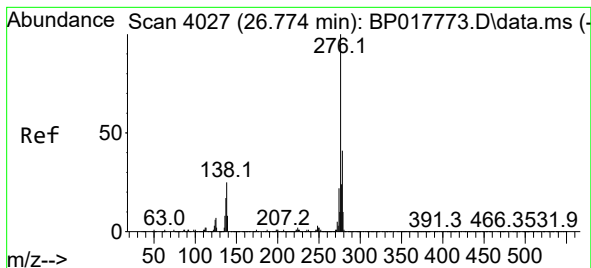
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.6 7.8 11.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 35.611 ng/ul

RT: 26.786 min Scan# 4029

Delta R.T. 0.006 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS

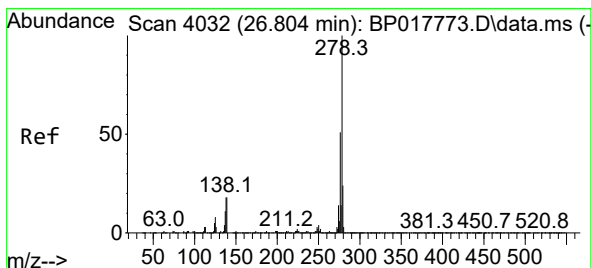
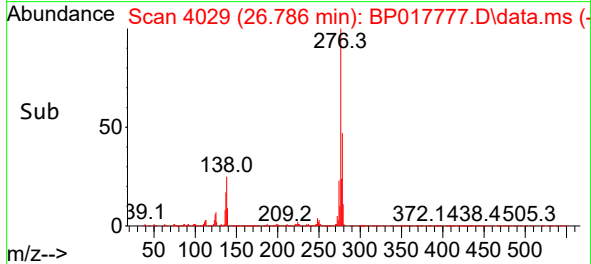
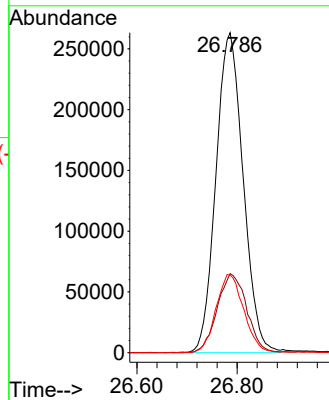
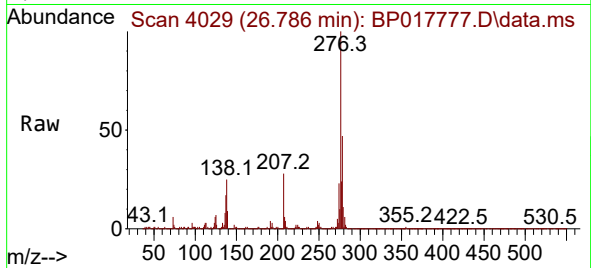
Tgt Ion:276 Resp: 991826

Ion Ratio Lower Upper

276 100

138 24.7 15.6 23.4#

277 24.2 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 35.364 ng/ul

RT: 26.809 min Scan# 4033

Delta R.T. -0.000 min

Lab File: BP017777.D

Acq: 24 Oct 2023 14:52

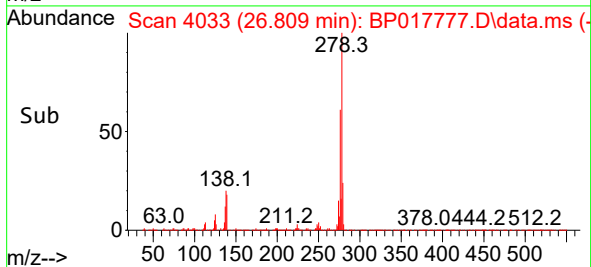
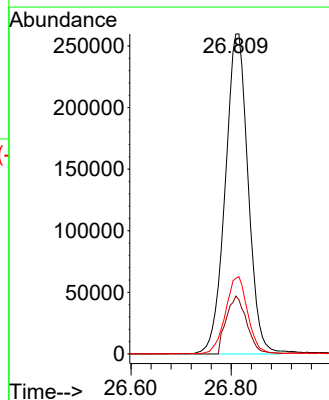
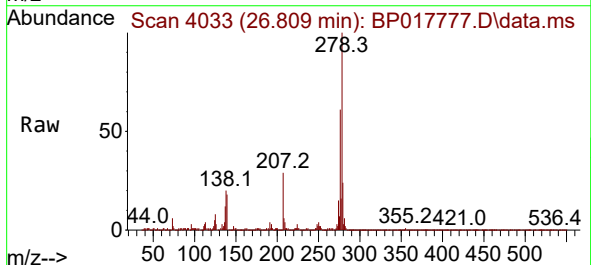
Tgt Ion:278 Resp: 821812

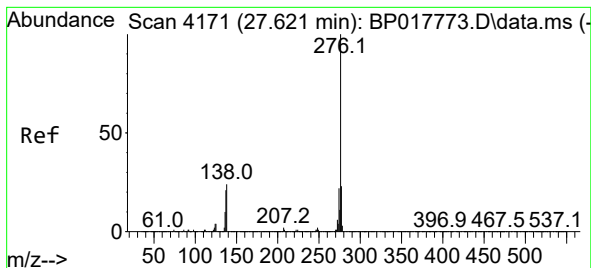
Ion Ratio Lower Upper

278 100

139 18.1 11.4 17.2#

279 23.7 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 31.279 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP017777.D

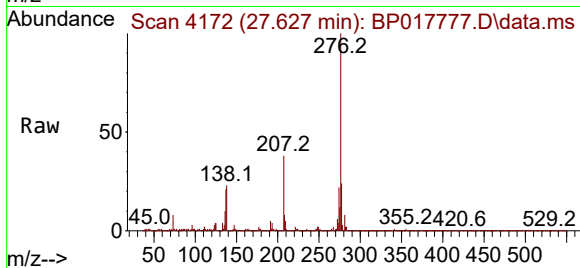
Acq: 24 Oct 2023 14:52

Instrument :

BNA_P

ClientSampleId :

GCD09MS



Tgt Ion:276 Resp: 701905

Ion Ratio Lower Upper

276 100

138 23.4 15.0 22.6#

277 24.1 18.5 27.7

