

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017784.D
 Acq On : 24 Oct 2023 18:51
 Operator : MA/JU
 Sample : 04927-05MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCD09MSD

Quant Time: Oct 25 01:57:43 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	121596	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	495572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	299677	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	620993	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	524851	20.000	ng/ul	0.00
88) Perylene-d12	24.069	264	536059	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11355	3.474	ng/uL	0.00
4) Pyridine-d5	3.676	84	984	0.115	ng/ul	-0.02
7) Phenol-d5	7.046	99	202436	20.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	133589	21.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	168500	20.417	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	140044	17.624	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	80084	19.943	ng/ul	0.00
24) 2-Nitrophenol-d4	9.805	143	88359	19.915	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	167503	19.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	163264	14.334	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	493070	19.600	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	552437	19.691	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	64588	18.018	ng/ul	0.00
60) Fluorene-d10	15.587	176	414550	19.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	72378	17.695	ng/ul	0.00
73) Anthracene-d10	17.475	188	601308	18.948	ng/ul	0.00
81) Pyrene-d10	19.733	212	743070	22.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	613569	20.550	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	32184	9.283	ng/uL	94
5) Pyridine	3.723	79	12085	1.378	ng/ul#	78
6) Benzaldehyde	7.046	77	146296	26.876	ng/ul	95
8) Phenol	7.069	94	274412	27.505	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	225847	27.133	ng/ul	99
12) 2-Chlorophenol	7.434	128	216647	26.137	ng/ul	97
13) 2-Methylphenol	8.334	108	177208	23.535	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	182802	17.843	ng/ul	98
16) Acetophenone	8.740	105	388462	31.096	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	173491	29.279	ng/ul	97
18) 4-Methylphenol	8.669	108	195139	24.405	ng/ul	97
19) Hexachloroethane	8.940	117	102420	26.892	ng/ul#	78
22) Nitrobenzene	9.134	77	276731	27.677	ng/ul	99
23) Isophorone	9.646	82	497434	27.821	ng/ul	98
25) 2-Nitrophenol	9.840	139	123194	26.012	ng/ul	93
26) 2,4-Dimethylphenol	9.881	107	79099	8.510	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.140	93	295388	26.711	ng/ul	97
29) 2,4-Dichlorophenol	10.363	162	208557	25.059	ng/ul	96
30) Naphthalene	10.763	128	707939	24.823	ng/ul	100
32) 4-Chloroaniline	10.916	127	197142	18.075	ng/ul	97
33) Hexachlorobutadiene	10.987	225	147218	21.785	ng/ul	98
34) Caprolactam	11.752	113	56635	26.428	ng/ul	93
35) 4-Chloro-3-methylphenol	12.028	107	209398	26.725	ng/ul	95
36) 2-Methylnaphthalene	12.387	142	476631	24.741	ng/ul	100

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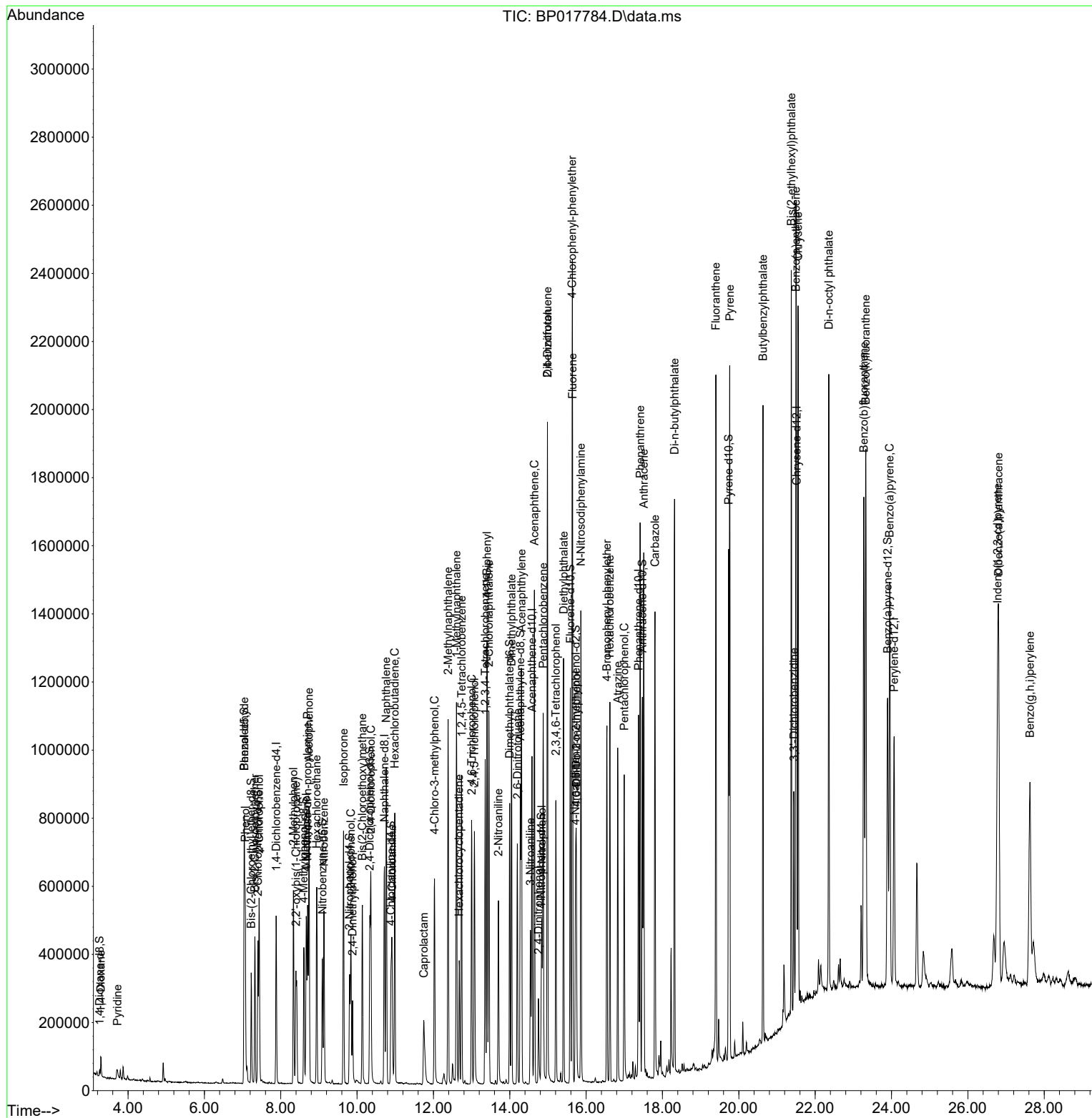
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	471181	23.916	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	253909	22.897	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	87711	13.767	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	164226	24.677	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	175342	25.484	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	620420	25.129	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	497967	24.950	ng/ul	98
45) 2-Nitroaniline	13.704	65	143816	31.710	ng/ul	94
47) Dimethylphthalate	14.046	163	627829	25.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	123720	27.110	ng/ul	93
50) Acenaphthylene	14.310	152	800158	25.462	ng/ul	99
51) 3-Nitroaniline	14.540	138	106058	24.435	ng/ul	99
52) Acenaphthene	14.646	153	529856	24.941	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	51378	20.056	ng/ul	89
55) 4-Nitrophenol	14.840	109	98376	25.926	ng/ul	97
56) Dibenzofuran	14.987	168	731747	24.533	ng/ul	94
57) 2,4-Dinitrotoluene	14.987	165	179937	26.716	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.210	232	143324	23.474	ng/ul#	88
59) Diethylphthalate	15.410	149	637797	26.643	ng/ul	98
61) Fluorene	15.645	166	602135	24.576	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	298855	22.949	ng/ul	92
63) 4-Nitroaniline	15.722	138	101958	26.044	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.745	198	100963	23.045	ng/ul#	87
67) N-Nitrosodiphenylamine	15.863	169	493829	26.249	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	169787	23.368	ng/ul#	88
69) Hexachlorobenzene	16.622	284	184553	22.125	ng/ul#	87
70) Atrazine	16.828	200	170386	24.642	ng/ul	98
71) Pentachlorophenol	16.998	266	128033	25.530	ng/ul	97
72) Phenanthrene	17.416	178	945443	25.990	ng/ul	100
74) Anthracene	17.510	178	901310	24.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	251737	24.160	ng/uL	96
76) Pentachlorobenzene	14.875	250	216958	21.484	ng/uL	99
77) Carbazole	17.804	167	844318	27.114	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1128032	31.203	ng/ul	99
80) Fluoranthene	19.398	202	1110997	29.386	ng/ul#	96
82) Pyrene	19.763	202	1142041	28.512	ng/ul	98
83) Butylbenzylphthalate	20.633	149	500215	36.310	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	189797	16.006	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	1081562	27.107	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	727353	37.822	ng/ul#	97
87) Chrysene	21.551	228	1003830	26.604	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1218202	35.877	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	988808	27.103	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	1019769	27.580	ng/ul	99
93) Benzo(a)pyrene	23.951	252	911617	26.617	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.780	276	1076804	26.379	ng/ul	96
95) Dibenzo(a,h)anthracene	26.804	278	886875	26.039	ng/ul	96
96) Benzo(g,h,i)perylene	27.627	276	783962	23.837	ng/ul#	95

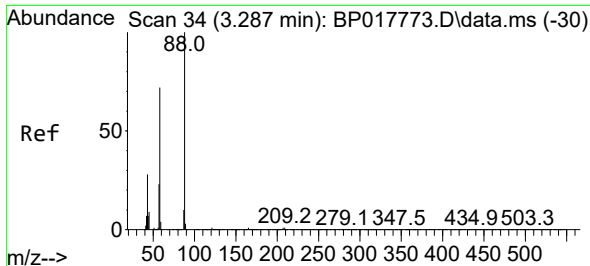
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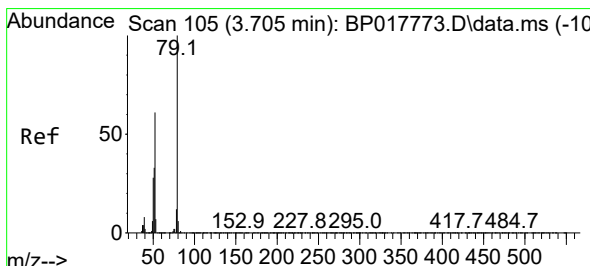
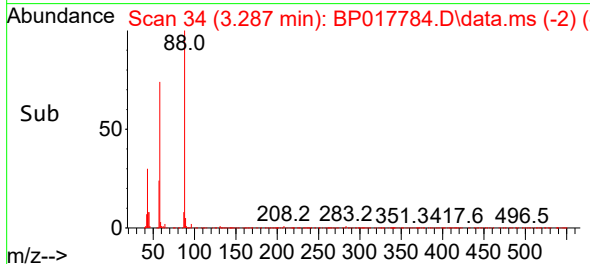
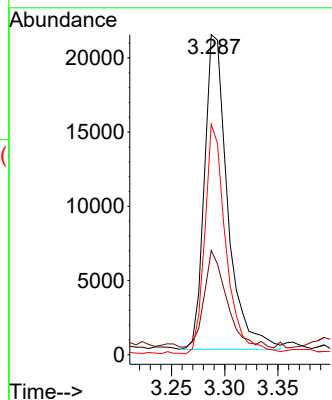
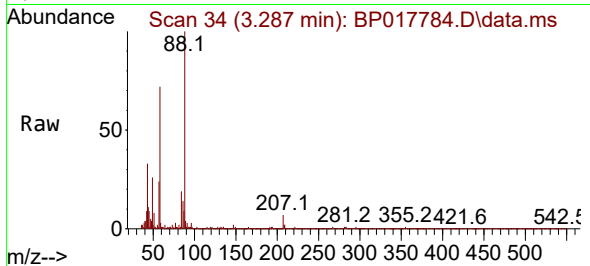




#2
1,4-Dioxane
Concen: 9.283 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP017784.D
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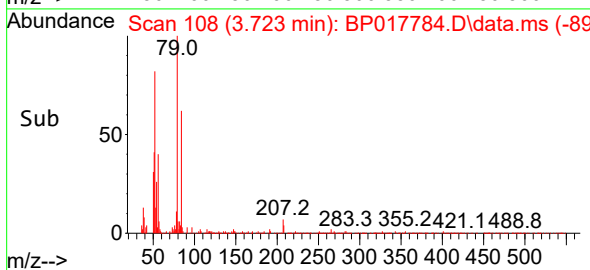
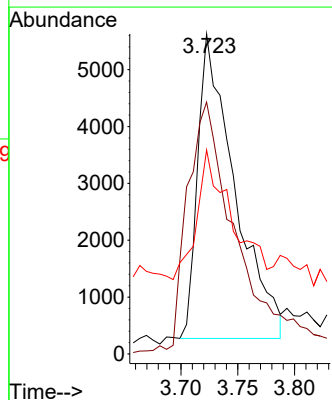
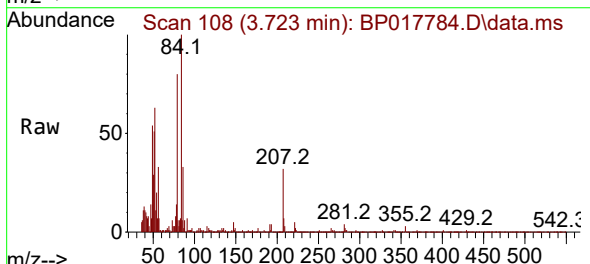
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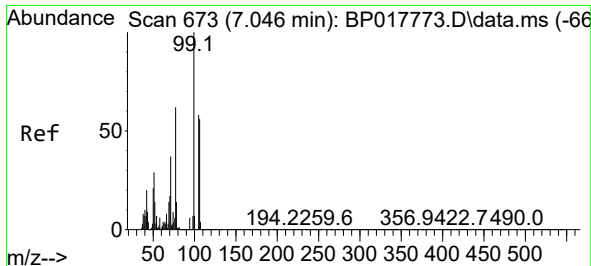
Tgt Ion: 88	Resp: 32184
Ion Ratio	Lower Upper
88 100	
43 32.5	24.4 36.6
58 72.0	53.0 79.6



#5
Pyridine
Concen: 1.378 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion: 79	Resp: 12085
Ion Ratio	Lower Upper
79 100	
52 78.7	57.2 85.8
51 63.8	28.6 42.8

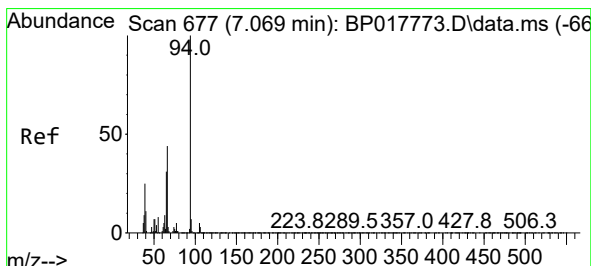
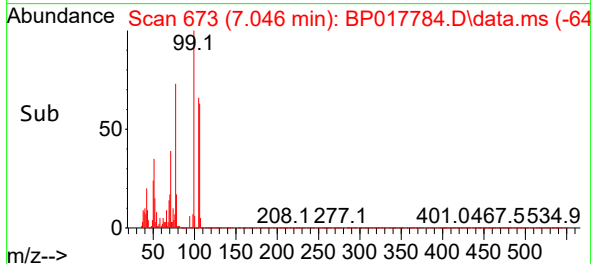
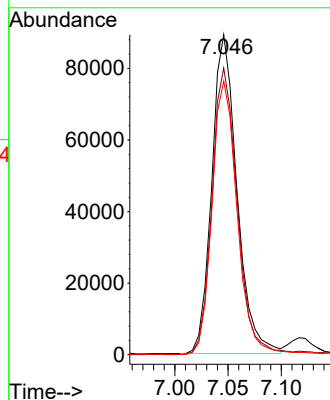
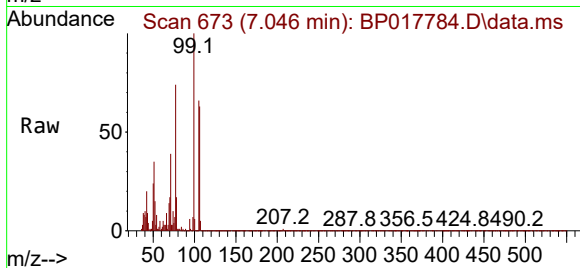




#6
Benzaldehyde
Concen: 26.876 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

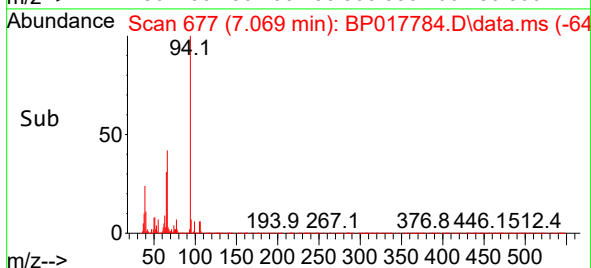
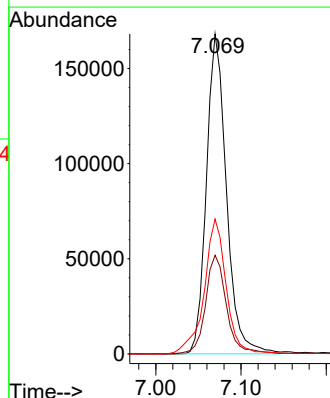
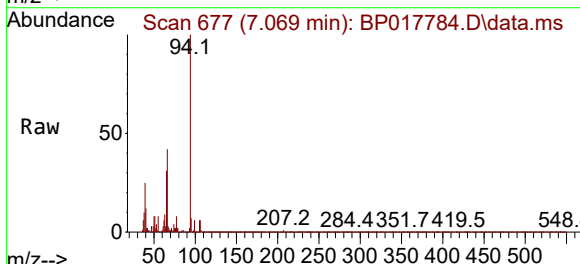
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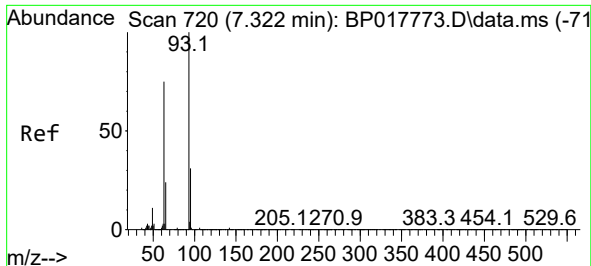
Tgt Ion: 77 Resp: 146296
Ion Ratio Lower Upper
77 100
105 89.5 75.4 113.2
106 85.5 72.3 108.5



#8
Phenol
Concen: 27.505 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion: 94 Resp: 274412
Ion Ratio Lower Upper
94 100
65 30.8 25.0 37.4
66 42.2 33.0 49.6

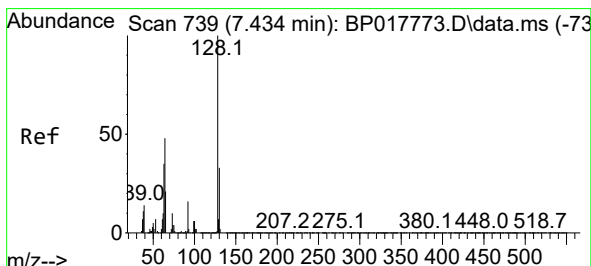
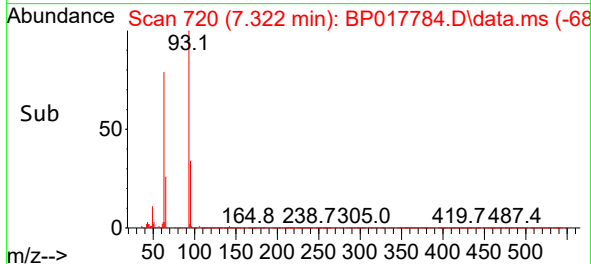
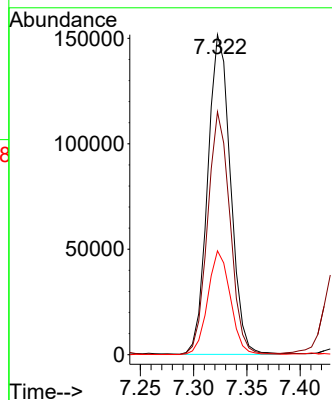
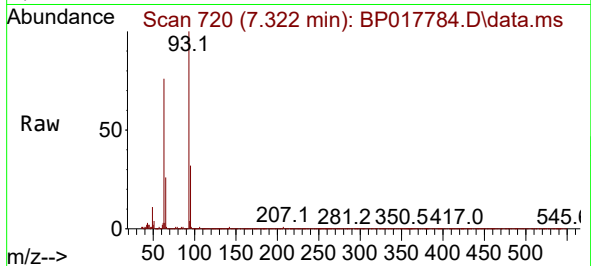




#10
Bis(2-Chloroethyl)ether
Concen: 27.133 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

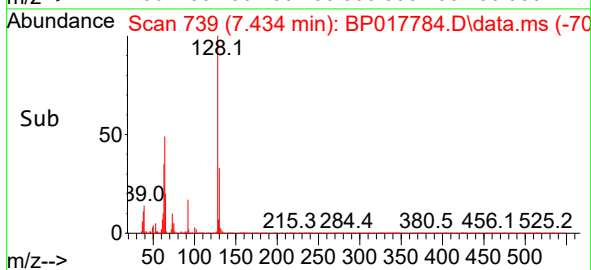
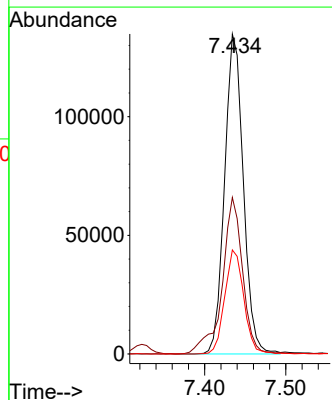
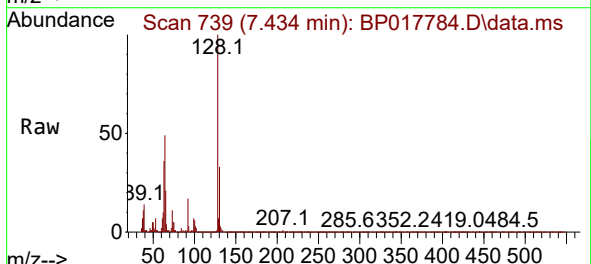
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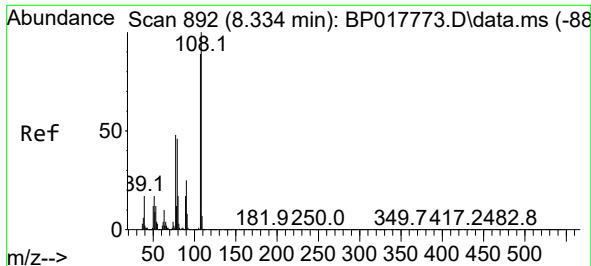
Tgt Ion: 93 Resp: 225847
Ion Ratio Lower Upper
93 100
63 75.9 60.7 91.1
95 32.4 27.8 41.6



#12
2-Chlorophenol
Concen: 26.137 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:128 Resp: 216647
Ion Ratio Lower Upper
128 100
64 48.9 36.7 55.1
130 32.5 26.2 39.2





#13

2-Methylphenol

Concen: 23.535 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

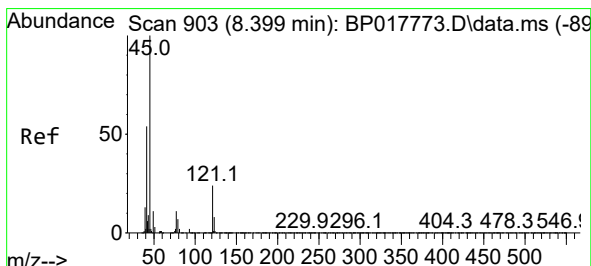
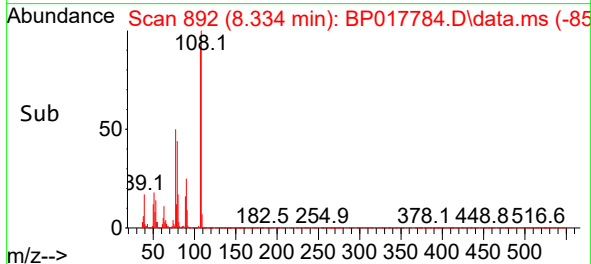
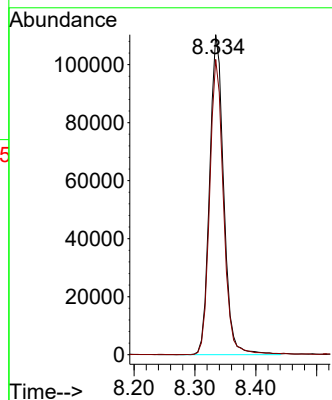
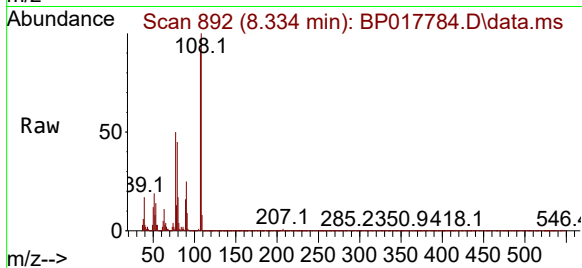
GCD09MSD

Tgt Ion:108 Resp: 177208

Ion Ratio Lower Upper

108 100

107 92.3 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.843 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP017784.D

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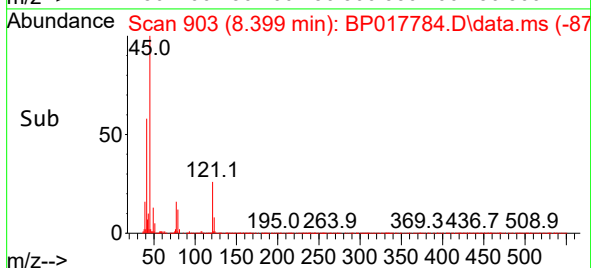
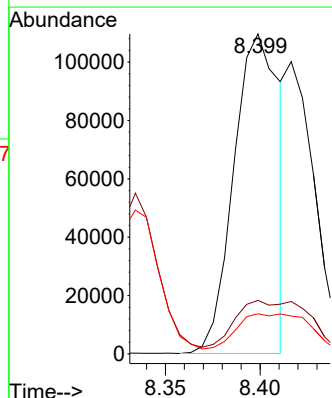
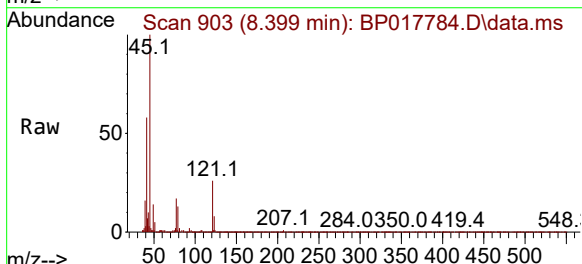
Tgt Ion: 45 Resp: 182802

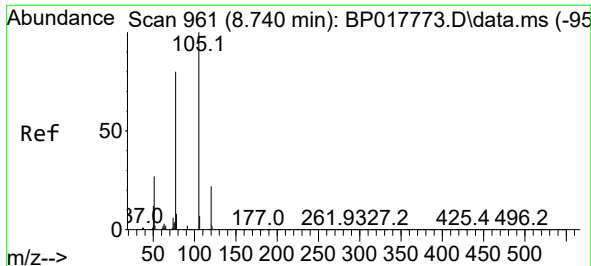
Ion Ratio Lower Upper

45 100

77 16.7 14.2 21.4

79 12.5 10.3 15.5

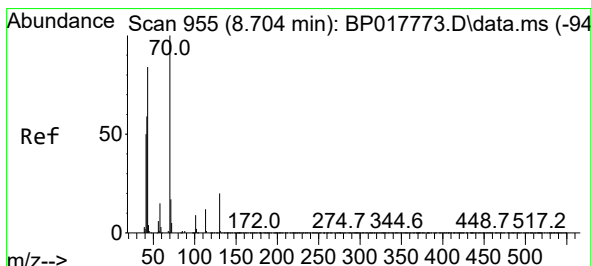
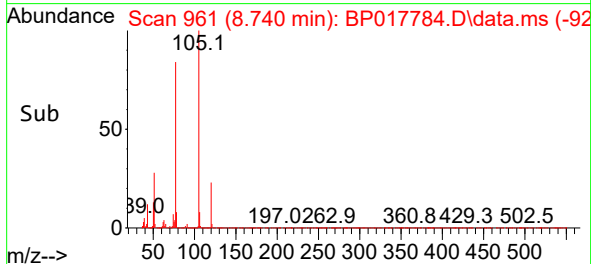
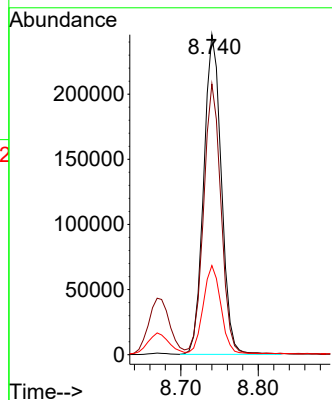
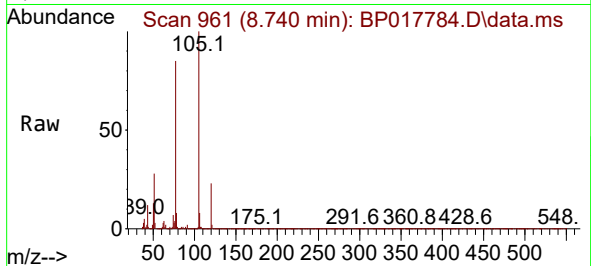




#16
Acetophenone
Concen: 31.096 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
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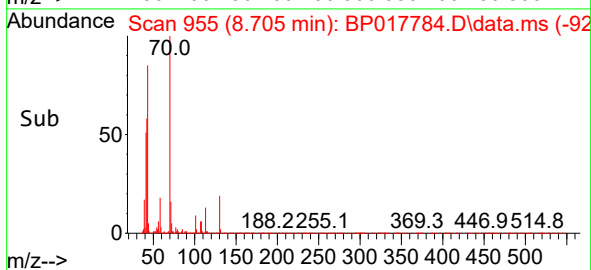
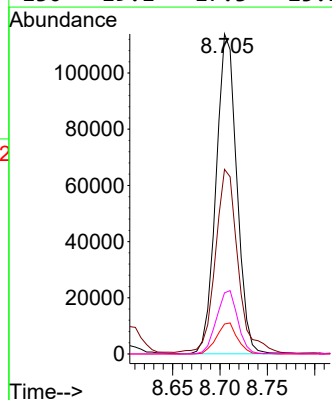
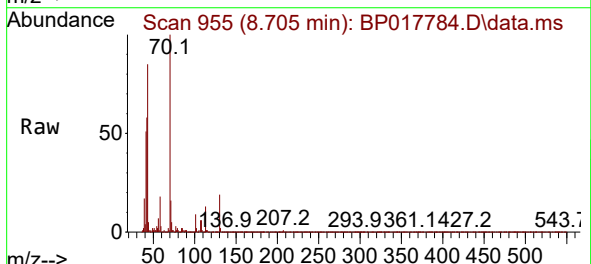
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

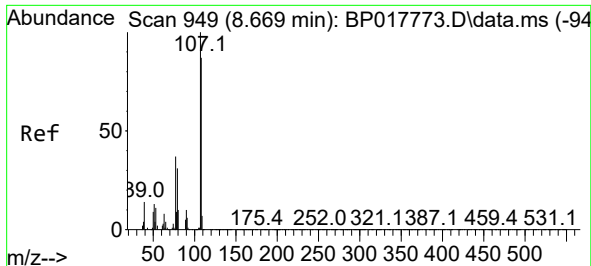
Tgt Ion:105 Resp: 388462
Ion Ratio Lower Upper
105 100
77 84.6 64.4 96.6
51 27.8 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 29.279 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion: 70 Resp: 173491
Ion Ratio Lower Upper
70 100
42 57.7 44.6 66.8
101 9.4 7.5 11.3
130 19.1 17.3 25.9

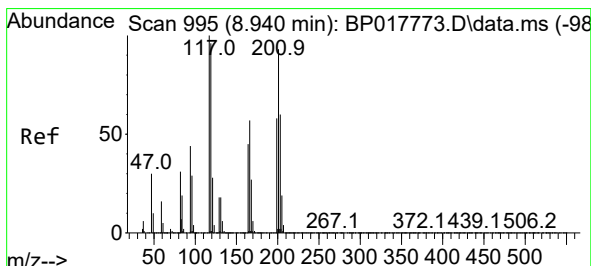
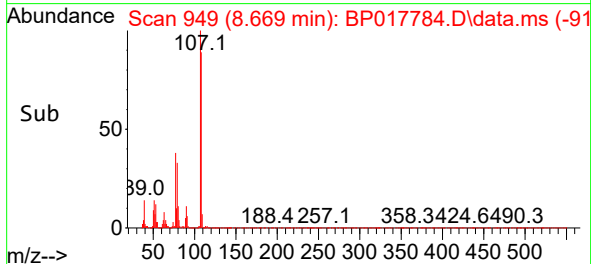
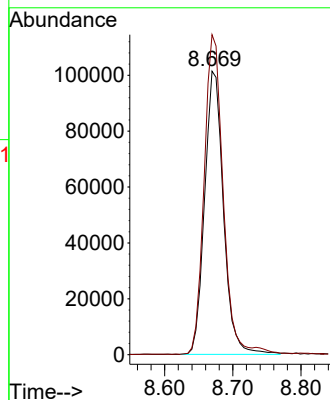
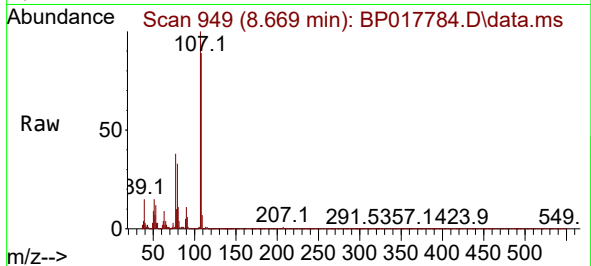




#18
4-Methylphenol
Concen: 24.405 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

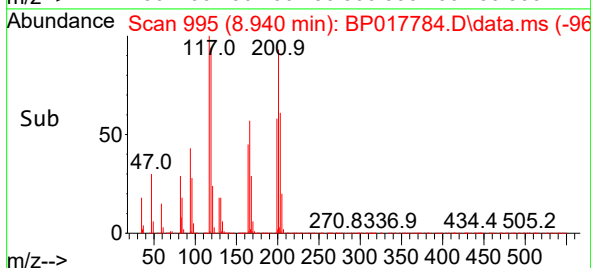
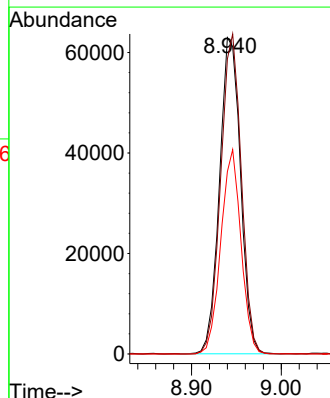
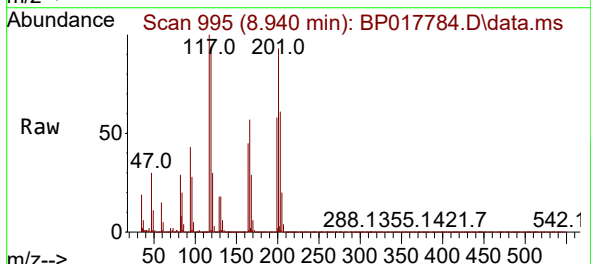
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

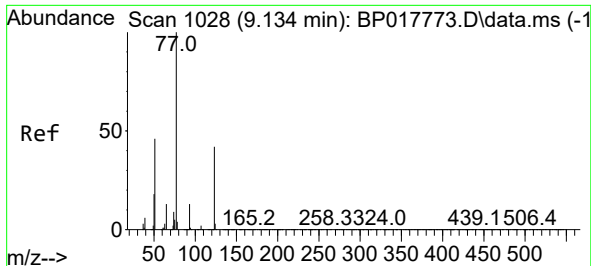
Tgt Ion:108 Resp: 195139
Ion Ratio Lower Upper
108 100
107 112.9 87.5 131.3



#19
Hexachloroethane
Concen: 26.892 ng/ul
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:117 Resp: 102420
Ion Ratio Lower Upper
117 100
201 93.3 96.3 144.5#
199 57.7 57.7 86.5

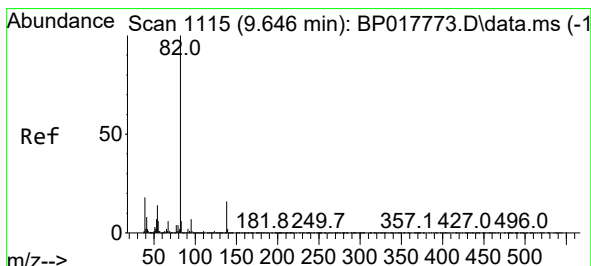
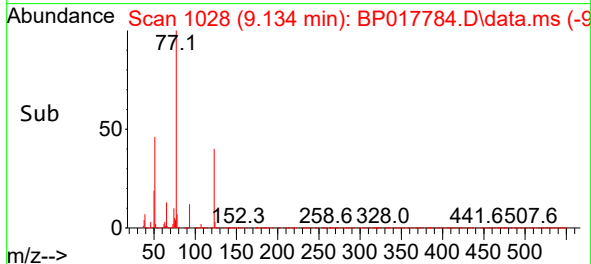
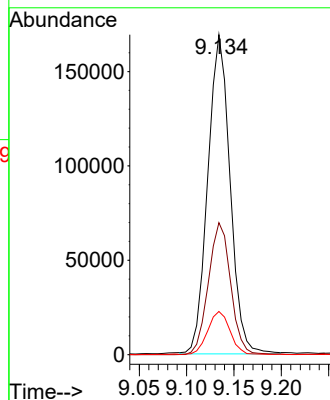
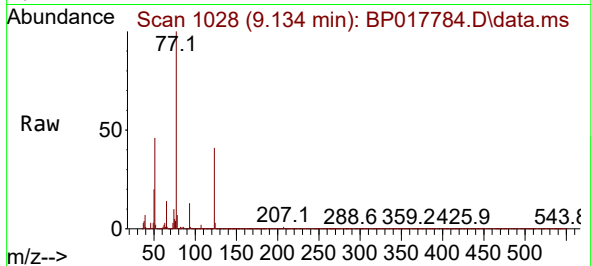




#22
Nitrobenzene
Concen: 27.677 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

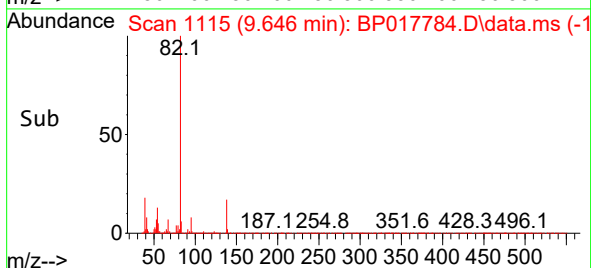
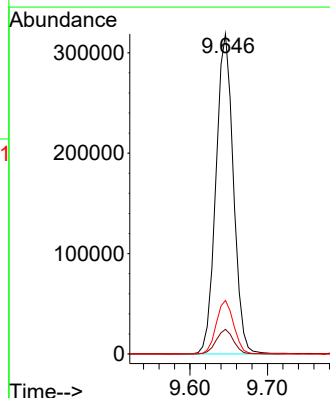
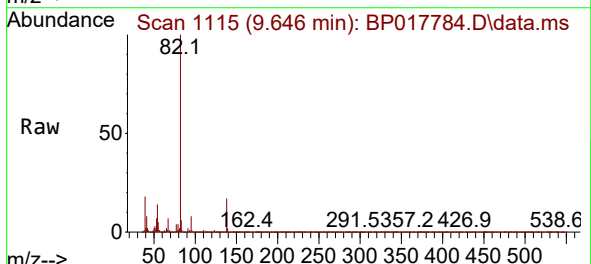
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

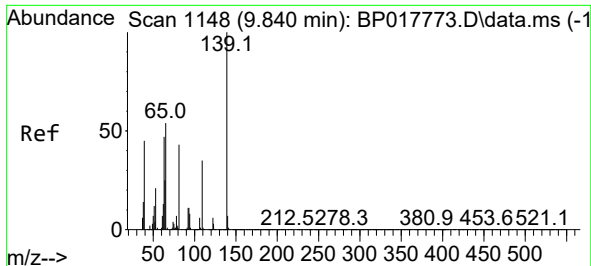
Tgt Ion: 77 Resp: 276731
Ion Ratio Lower Upper
77 100
123 41.3 33.5 50.3
65 13.5 10.8 16.2



#23
Isophorone
Concen: 27.821 ng/ul
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion: 82 Resp: 497434
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 16.8 14.4 21.6

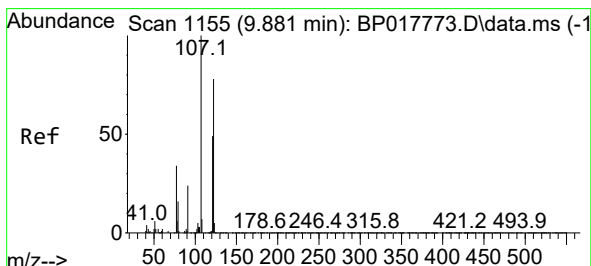
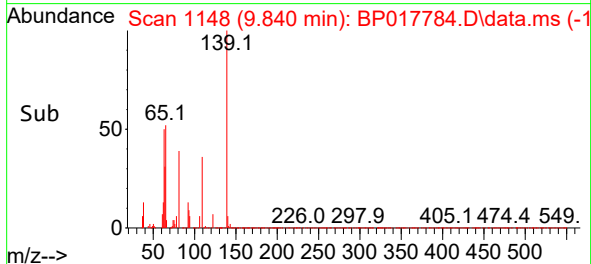
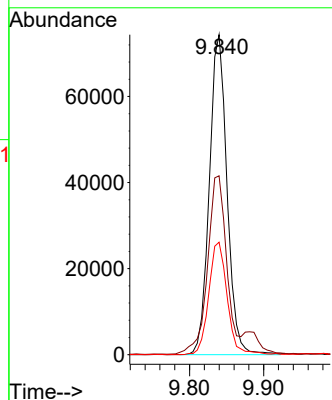
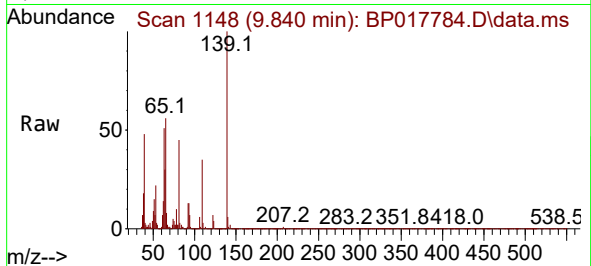




#25
2-Nitrophenol
Concen: 26.012 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

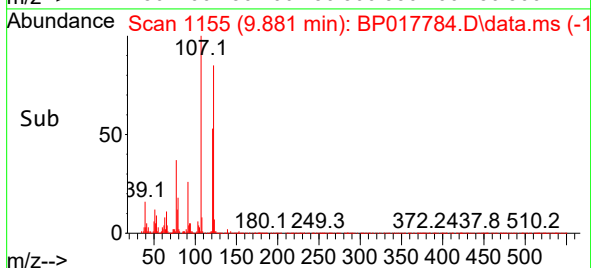
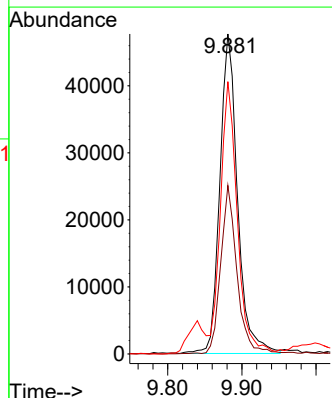
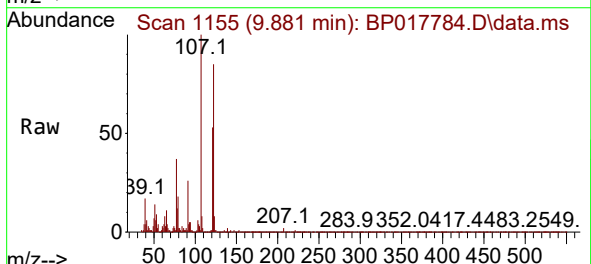
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

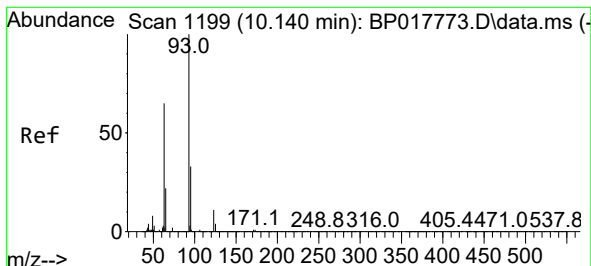
Tgt Ion:139 Resp: 123194
Ion Ratio Lower Upper
139 100
65 55.9 40.4 60.6
109 35.1 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 8.510 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:107 Resp: 79099
Ion Ratio Lower Upper
107 100
121 52.6 40.6 61.0
122 85.1 66.9 100.3

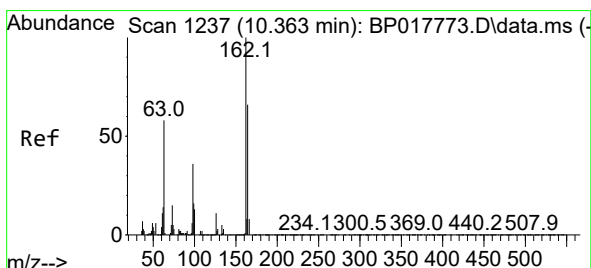
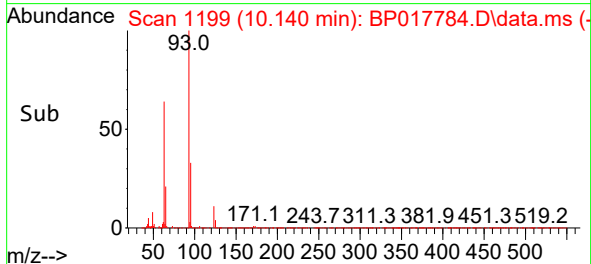
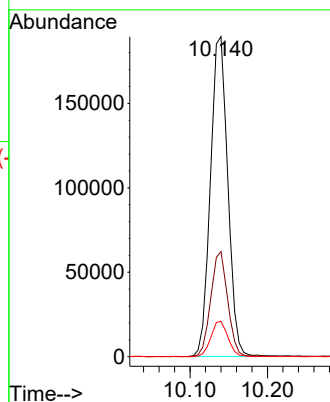
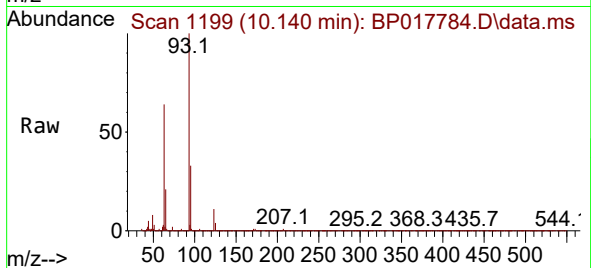




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.711 ng/ul
 RT: 10.140 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BP017784.D
 Acq: 24 Oct 2023 18:51

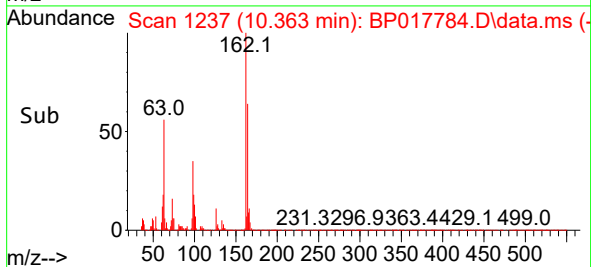
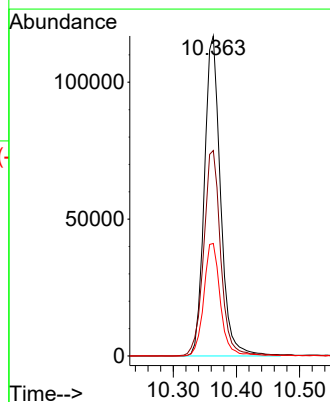
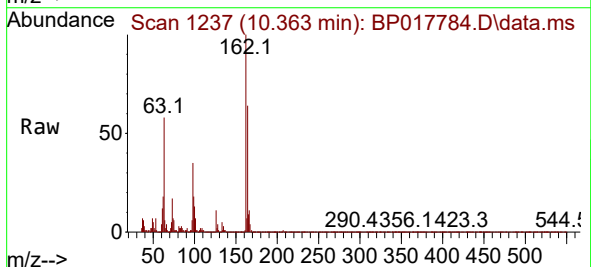
Instrument :
 BNA_P
 ClientSampleId :
 GCD09MSD

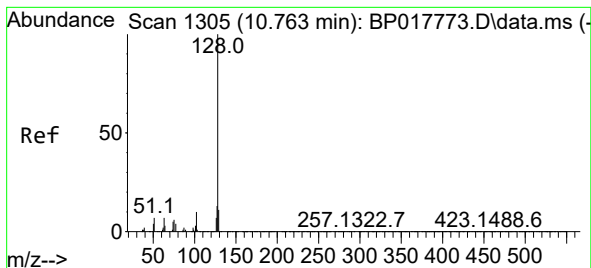
Tgt Ion: 93 Resp: 295388
 Ion Ratio Lower Upper
 93 100
 95 32.8 24.7 37.1
 123 11.0 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 25.059 ng/ul
 RT: 10.363 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BP017784.D
 Acq: 24 Oct 2023 18:51

Tgt Ion: 162 Resp: 208557
 Ion Ratio Lower Upper
 162 100
 164 64.2 53.8 80.8
 98 35.2 25.5 38.3

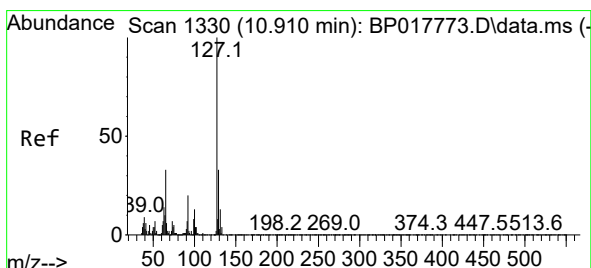
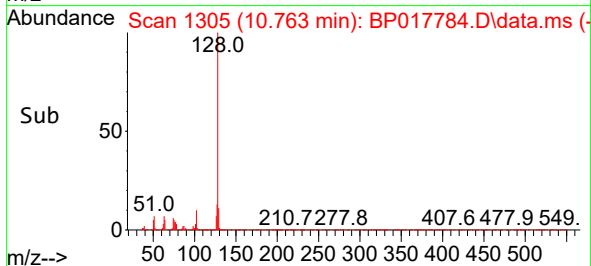
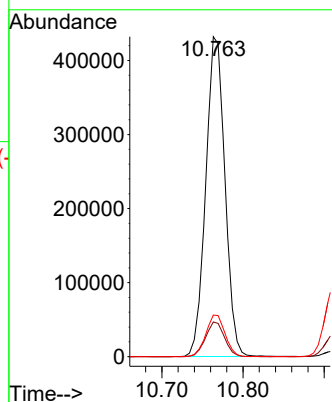
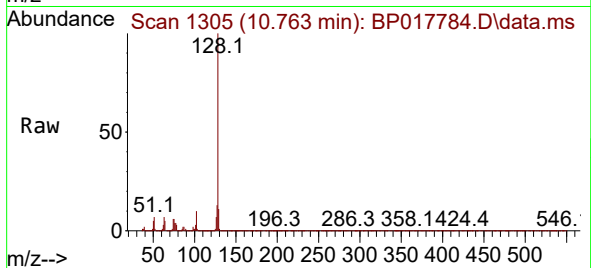




#30
Naphthalene
Concen: 24.823 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

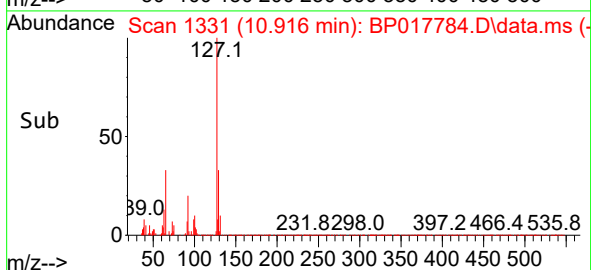
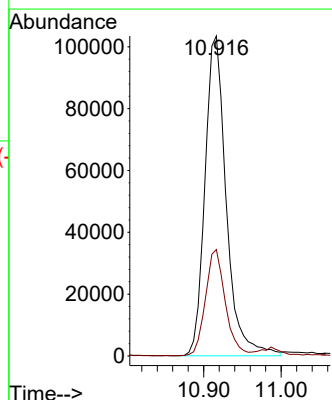
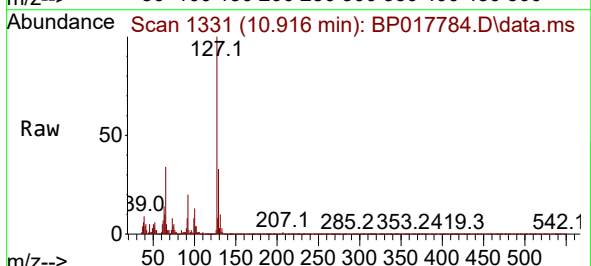
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

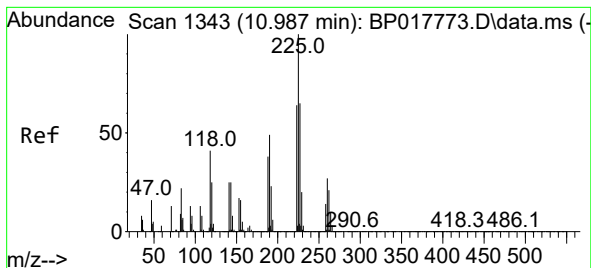
Tgt Ion:128 Resp: 707939
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 18.075 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:127 Resp: 197142
Ion Ratio Lower Upper
127 100
129 33.3 25.1 37.7

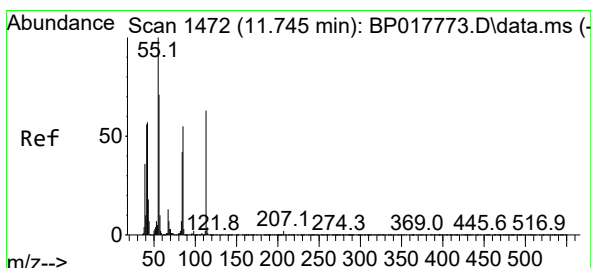
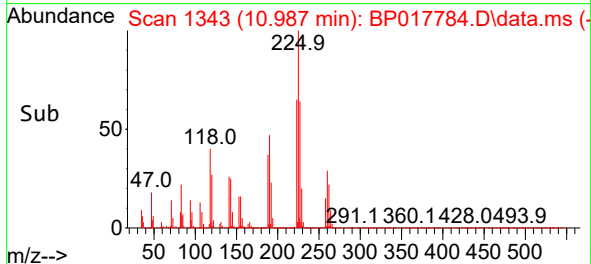
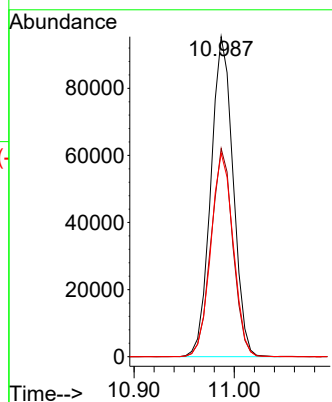
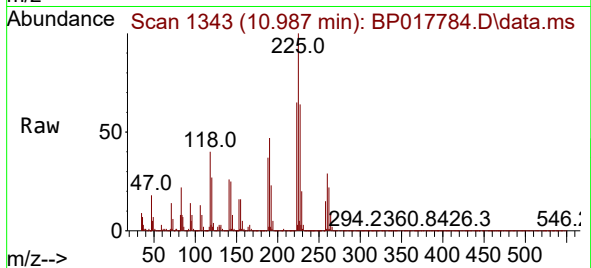




#33
Hexachlorobutadiene
Concen: 21.785 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

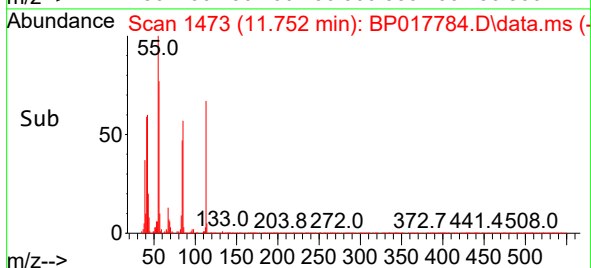
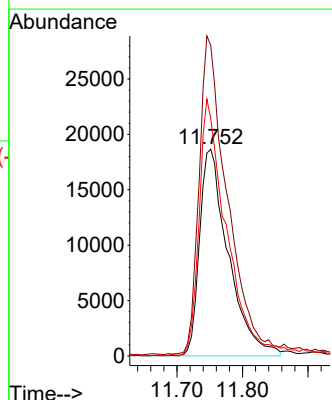
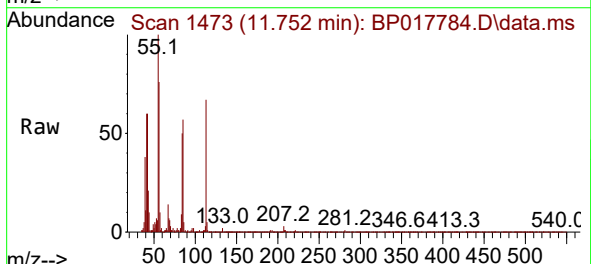
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

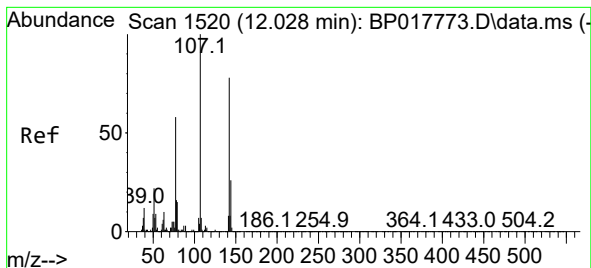
Tgt Ion:225 Resp: 147218
Ion Ratio Lower Upper
225 100
223 65.0 50.6 75.8
227 63.5 50.1 75.1



#34
Caprolactam
Concen: 26.428 ng/ul
RT: 11.752 min Scan# 1473
Delta R.T. -0.018 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:113 Resp: 56635
Ion Ratio Lower Upper
113 100
55 150.2 112.1 168.1
56 114.6 87.0 130.6

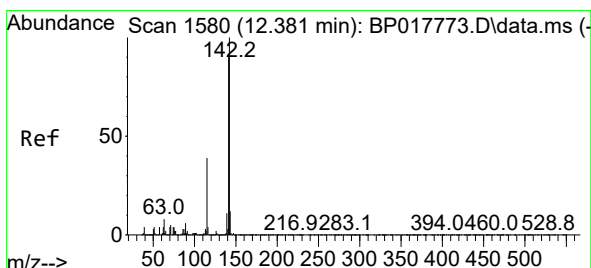
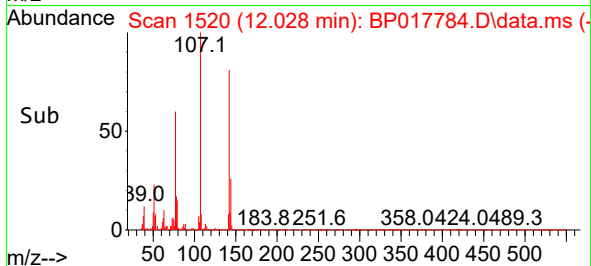
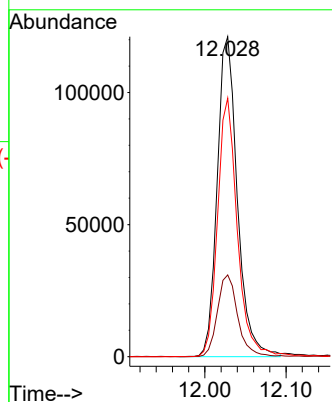
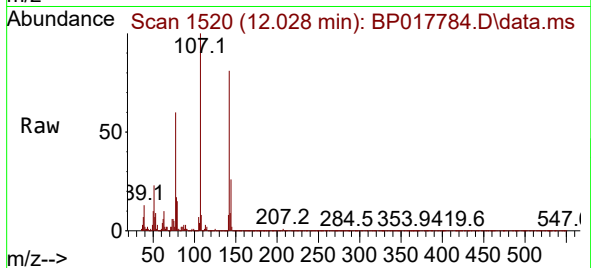




#35
4-Chloro-3-methylphenol
Concen: 26.725 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

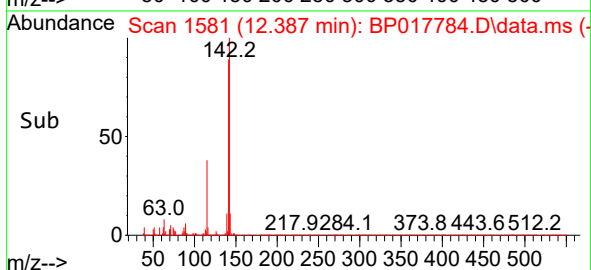
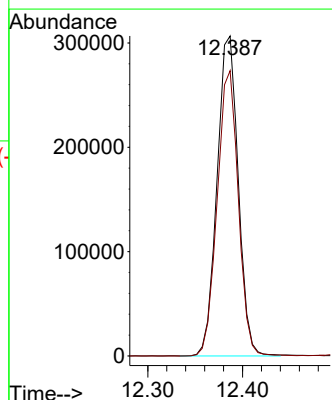
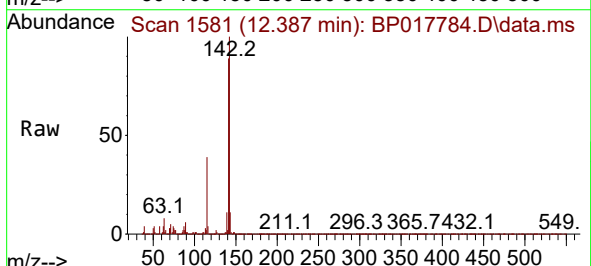
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

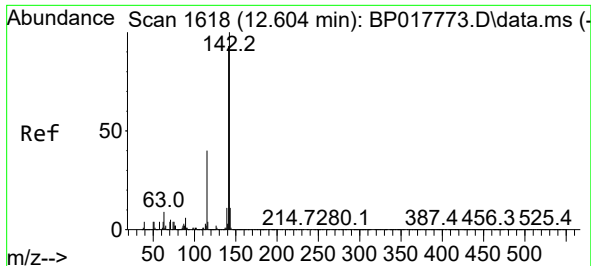
Tgt Ion:107 Resp: 209398
Ion Ratio Lower Upper
107 100
144 25.5 22.9 34.3
142 80.8 68.1 102.1



#36
2-Methylnaphthalene
Concen: 24.741 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:142 Resp: 476631
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3

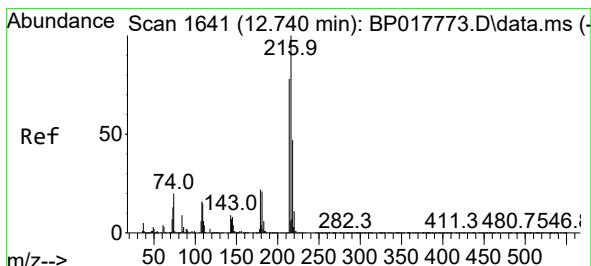
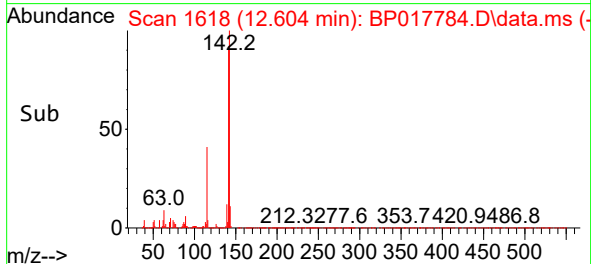
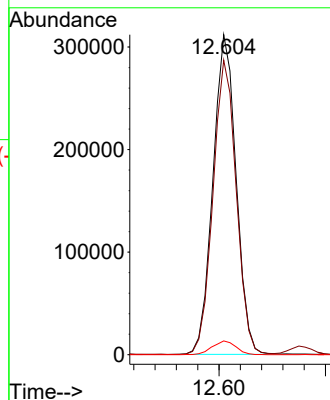
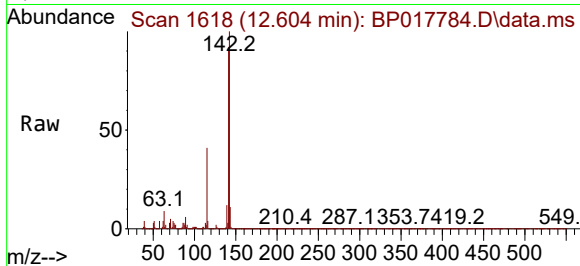




#37
1-Methylnaphthalene
Concen: 23.916 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

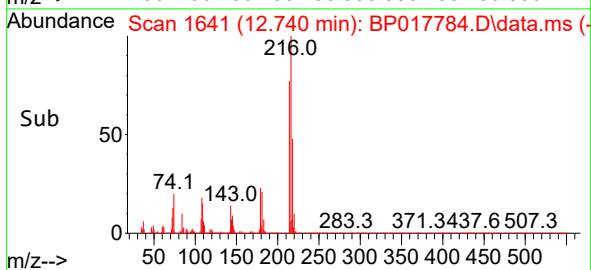
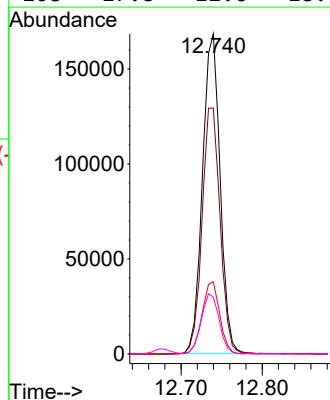
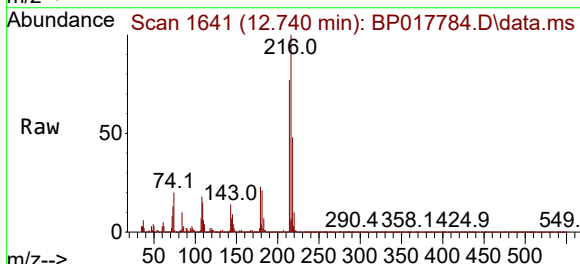
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

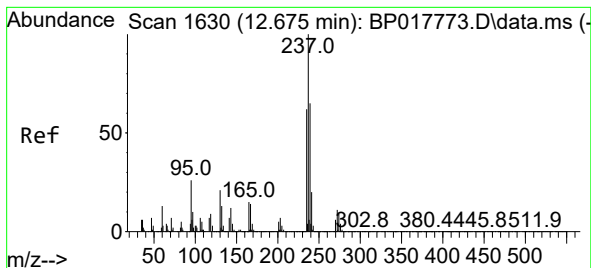
Tgt Ion:142 Resp: 471181
Ion Ratio Lower Upper
142 100
141 92.1 72.5 108.7
116 4.3 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.897 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:216 Resp: 253909
Ion Ratio Lower Upper
216 100
214 76.8 62.2 93.2
179 22.6 15.8 23.8
108 17.8 12.6 18.8





#40

Hexachlorocyclopentadiene

Concen: 13.767 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

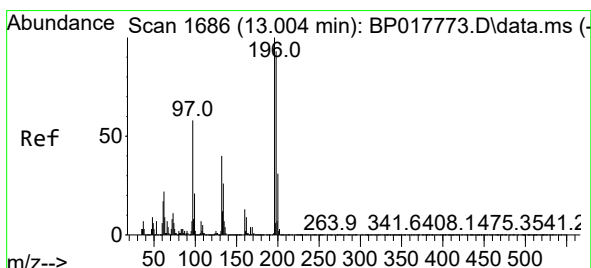
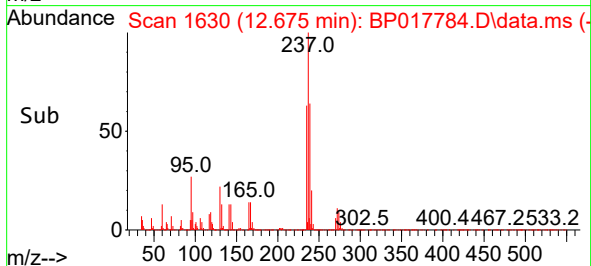
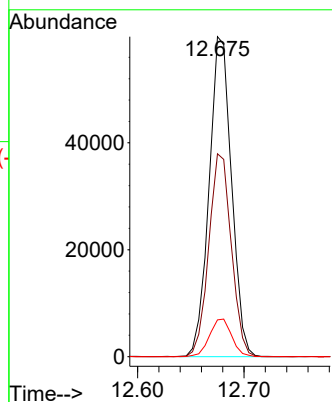
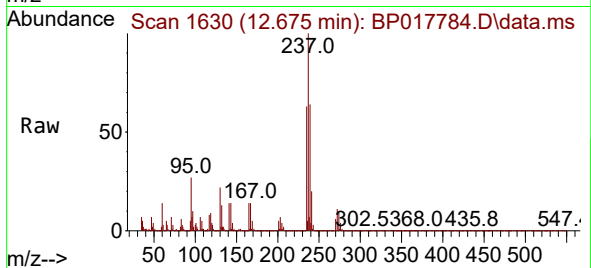
Tgt Ion:237 Resp: 87711

Ion Ratio Lower Upper

237 100

235 63.4 50.3 75.5

272 11.5 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 24.677 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

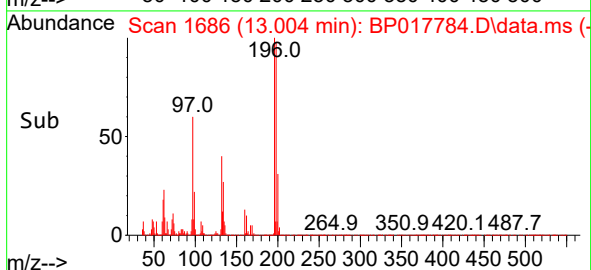
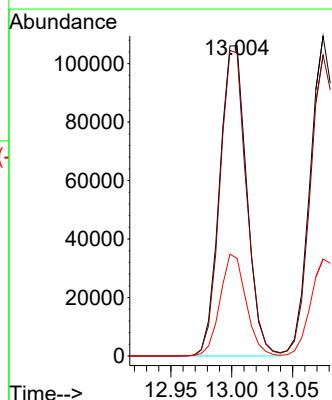
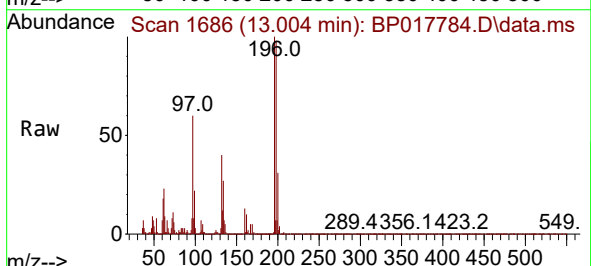
Tgt Ion:196 Resp: 164226

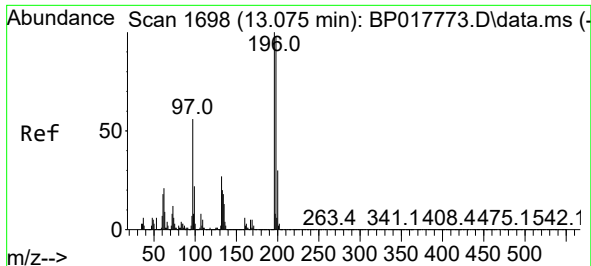
Ion Ratio Lower Upper

196 100

198 97.7 74.7 112.1

200 31.4 23.7 35.5

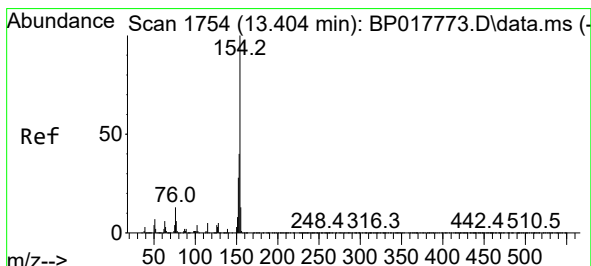
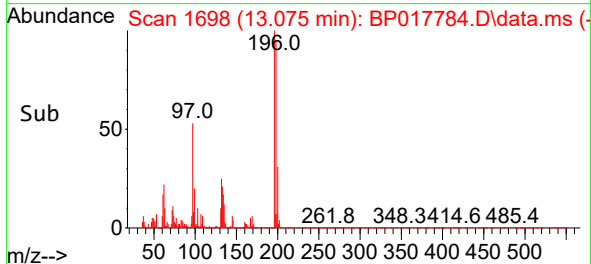
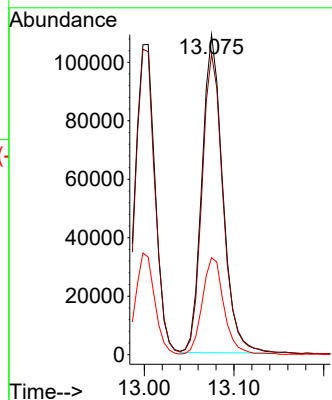
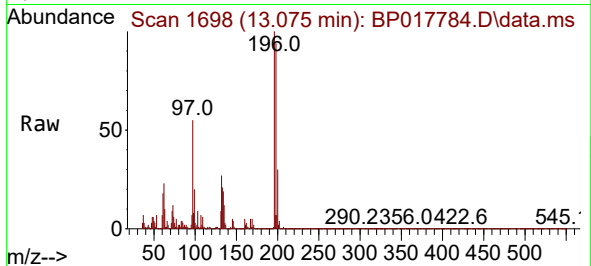




#42
2,4,5-Trichlorophenol
Concen: 25.484 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

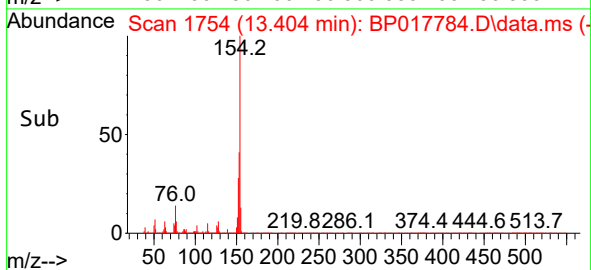
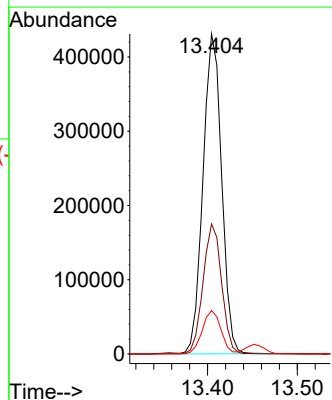
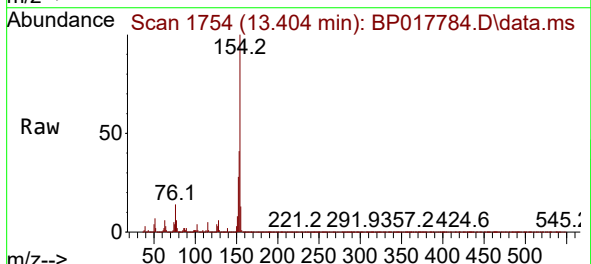
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

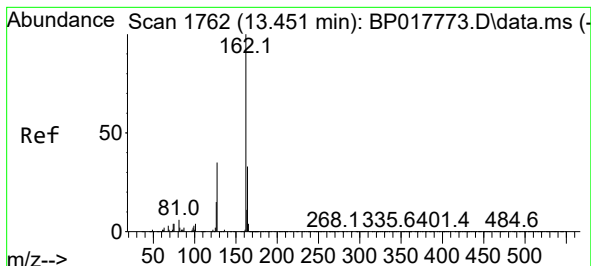
Tgt Ion:196 Resp: 175342
Ion Ratio Lower Upper
196 100
198 94.0 76.0 114.0
200 30.3 24.3 36.5



#43
1,1'-Biphenyl
Concen: 25.129 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:154 Resp: 620420
Ion Ratio Lower Upper
154 100
153 40.6 32.6 49.0
76 13.5 9.8 14.8

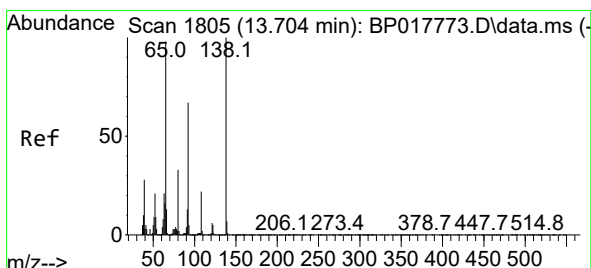
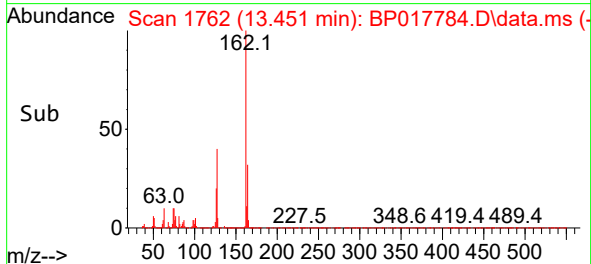
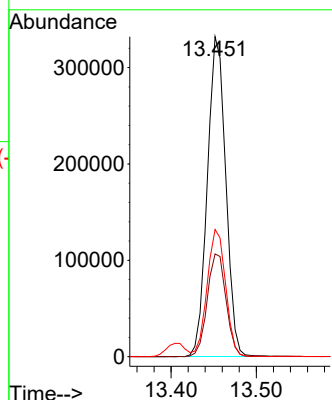
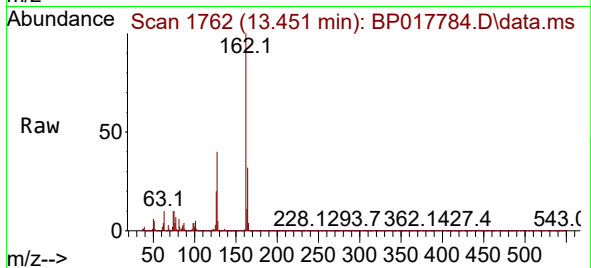




#44
2-Chloronaphthalene
Concen: 24.950 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

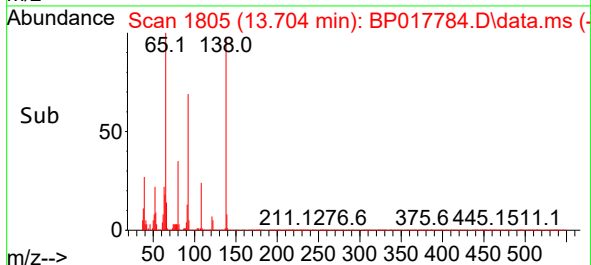
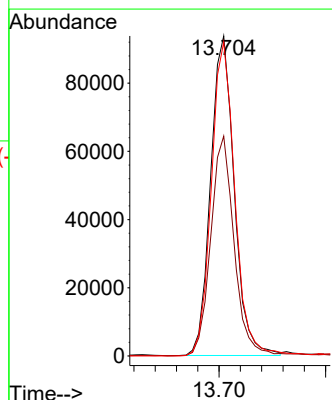
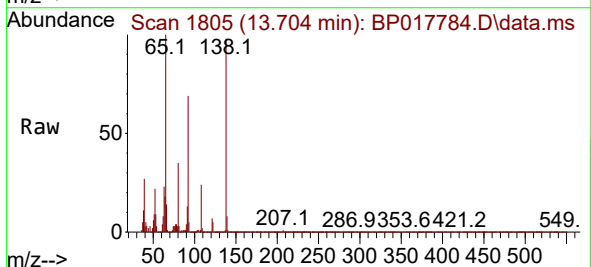
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

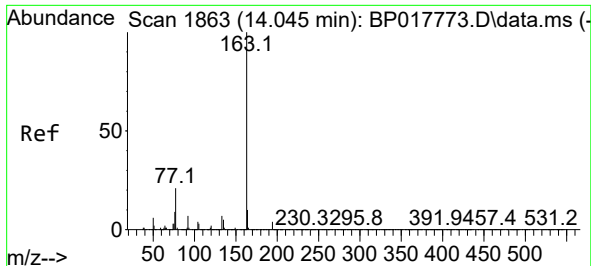
Tgt Ion:162 Resp: 497967
Ion Ratio Lower Upper
162 100
164 32.1 25.9 38.9
127 39.7 29.9 44.9



#45
2-Nitroaniline
Concen: 31.710 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion: 65 Resp: 143816
Ion Ratio Lower Upper
65 100
92 68.7 56.2 84.4
138 98.1 85.9 128.9

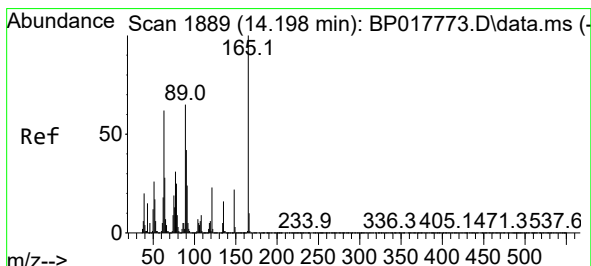
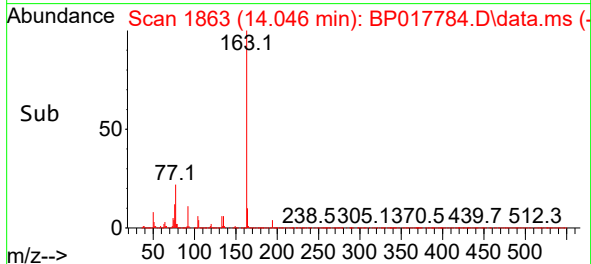
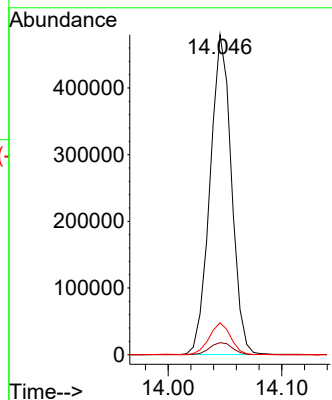
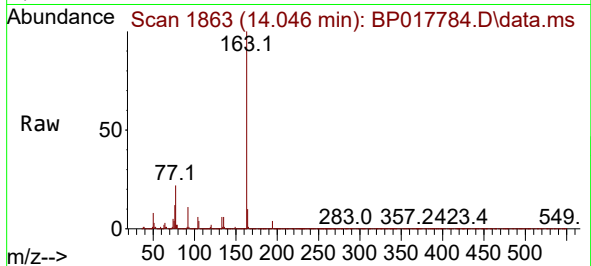




#47
Dimethylphthalate
Concen: 25.322 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

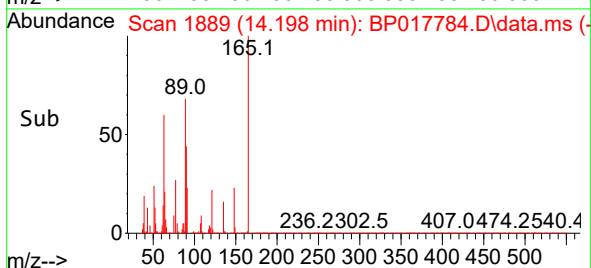
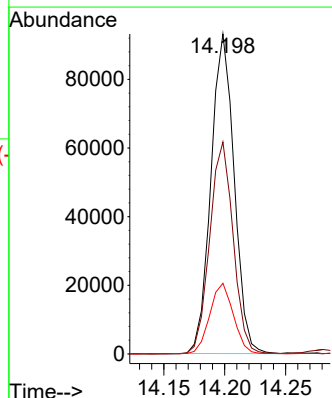
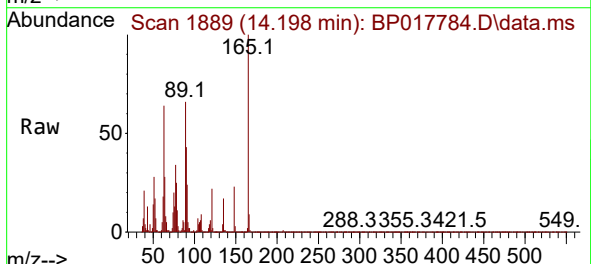
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

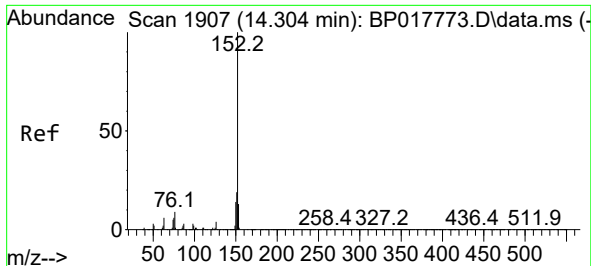
Tgt Ion:163 Resp: 627829
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 27.110 ng/ul
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:165 Resp: 123720
Ion Ratio Lower Upper
165 100
89 66.2 48.0 72.0
121 22.1 16.6 24.8

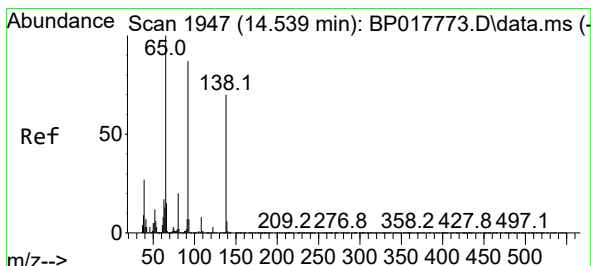
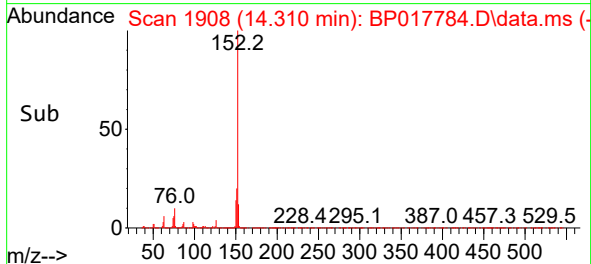
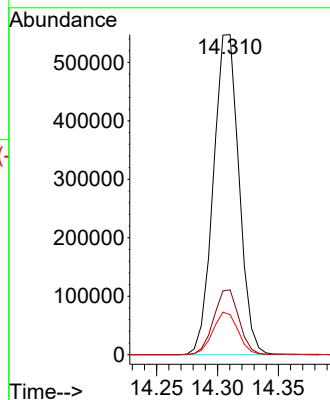
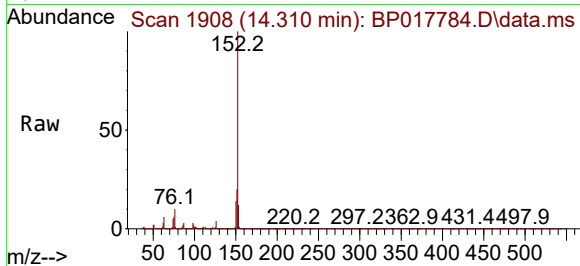




#50
Acenaphthylene
Concen: 25.462 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

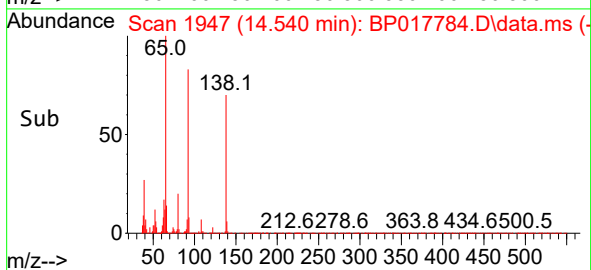
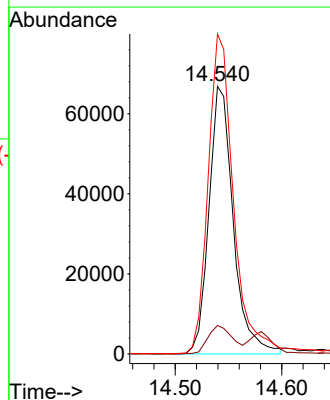
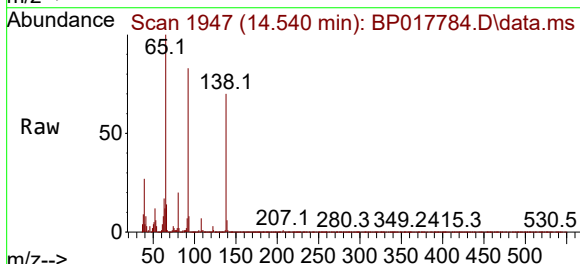
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

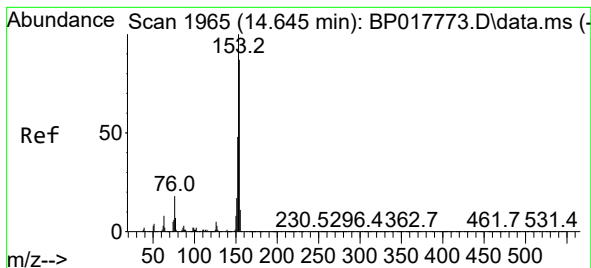
Tgt Ion:152 Resp: 800158
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.5 10.8 16.2



#51
3-Nitroaniline
Concen: 24.435 ng/ul
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:138 Resp: 106058
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 119.5 95.2 142.8





#52

Acenaphthene

Concen: 24.941 ng/ul

RT: 14.646 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

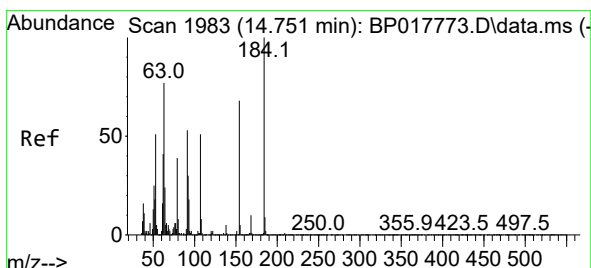
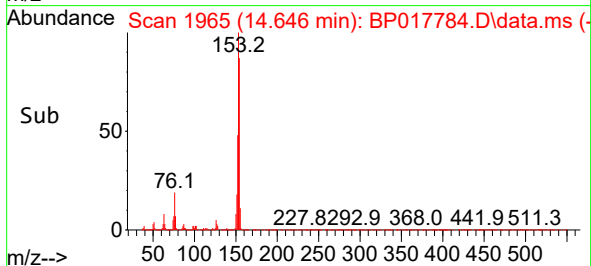
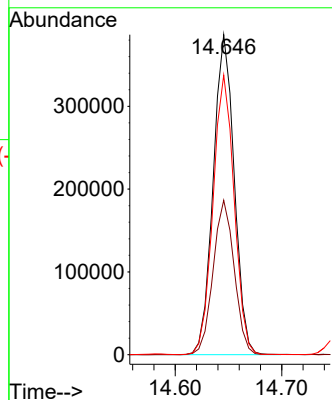
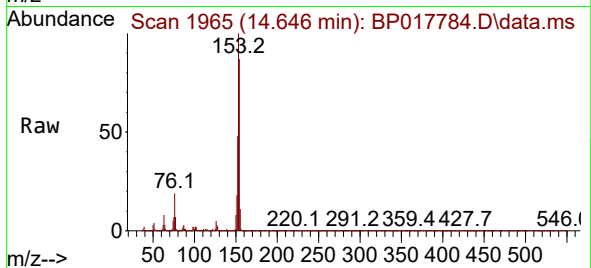
Tgt Ion:153 Resp: 529856

Ion Ratio Lower Upper

153 100

152 48.3 37.6 56.4

154 87.4 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 20.056 ng/ul

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

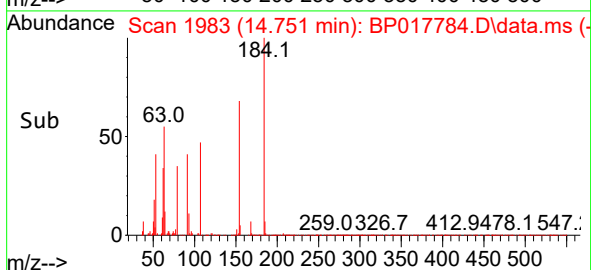
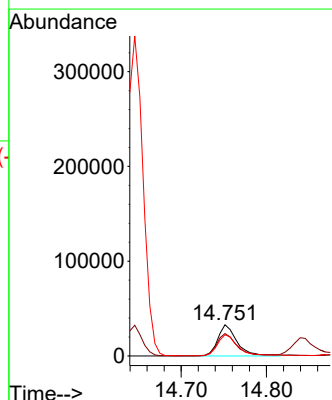
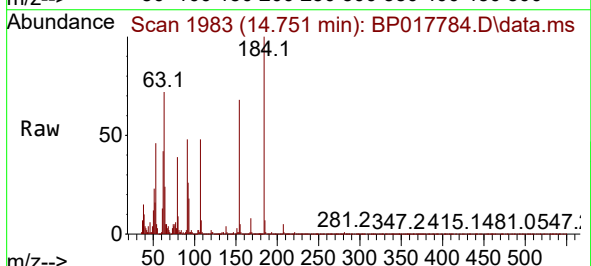
Tgt Ion:184 Resp: 51378

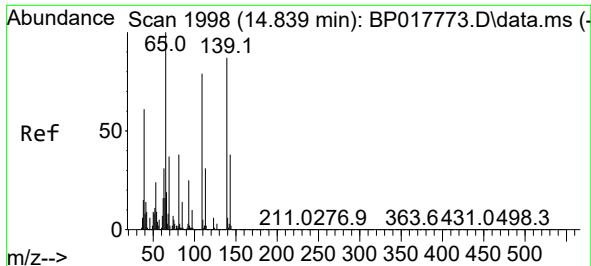
Ion Ratio Lower Upper

184 100

63 71.6 50.6 76.0

154 68.4 47.9 71.9

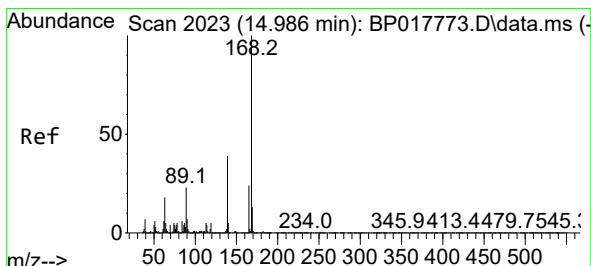
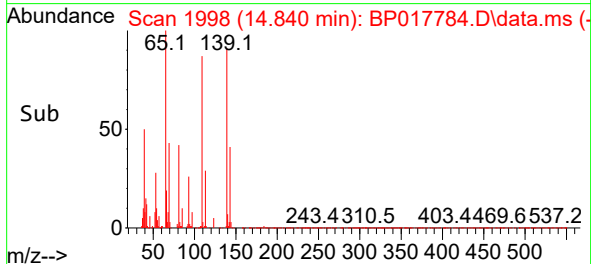
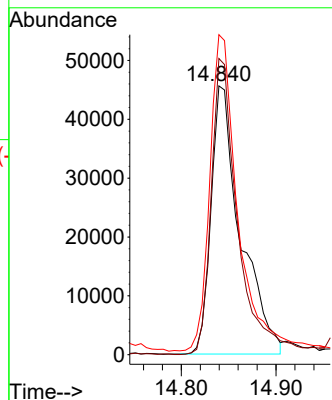
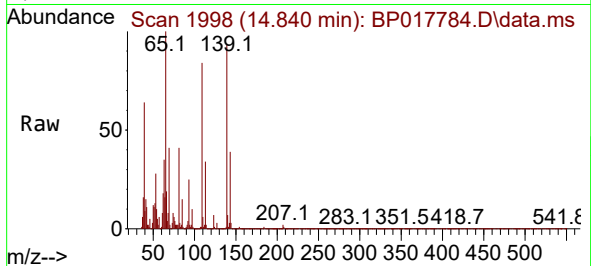




#55
4-Nitrophenol
Concen: 25.926 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

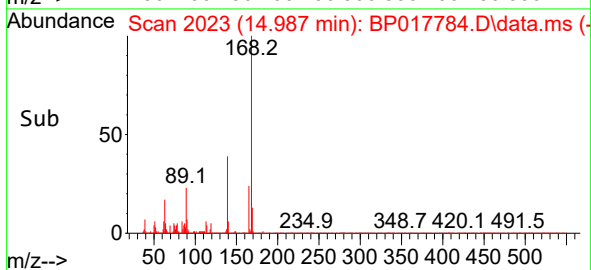
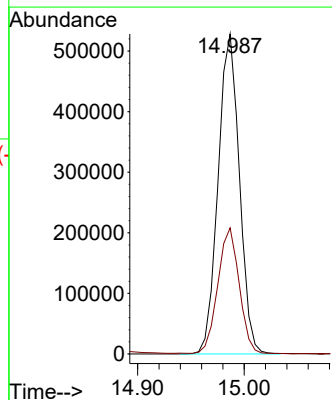
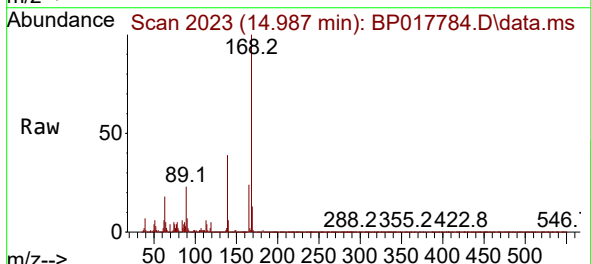
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

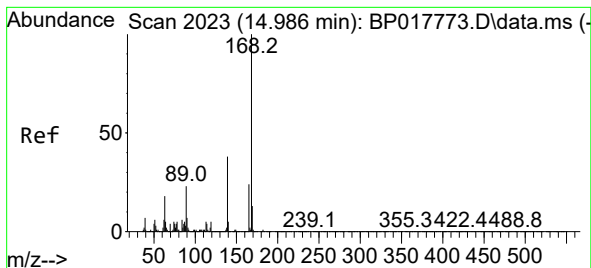
Tgt Ion:109 Resp: 98376
Ion Ratio Lower Upper
109 100
139 110.2 92.9 139.3
65 119.1 94.5 141.7



#56
Dibenzofuran
Concen: 24.533 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:168 Resp: 731747
Ion Ratio Lower Upper
168 100
139 39.4 28.6 43.0





#57

2,4-Dinitrotoluene

Concen: 26.716 ng/ul

RT: 14.987 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

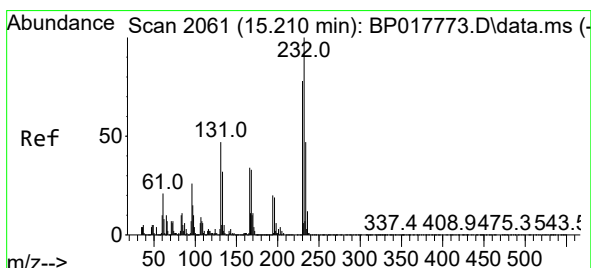
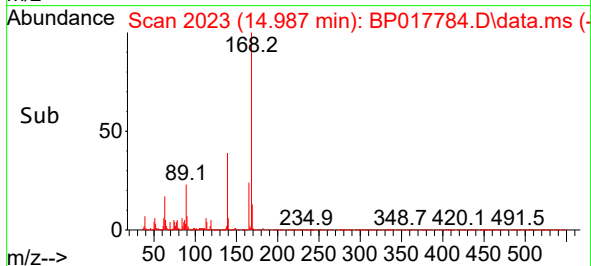
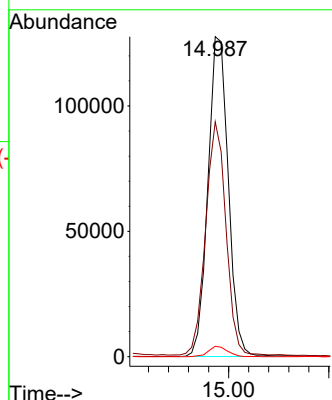
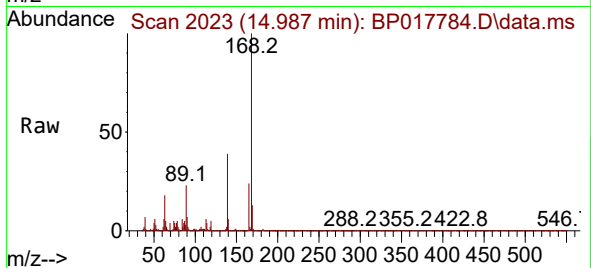
Tgt Ion:165 Resp: 179937

Ion Ratio Lower Upper

165 100

63 73.4 51.1 76.7

182 3.3 2.7 4.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.474 ng/ul

RT: 15.210 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Tgt Ion:232 Resp: 143324

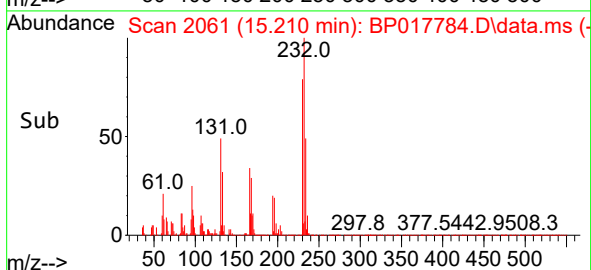
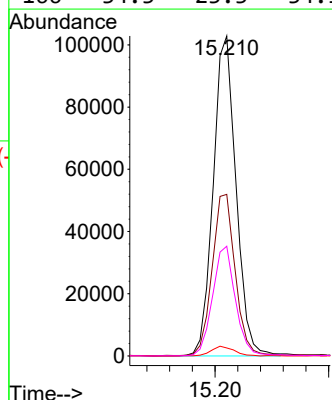
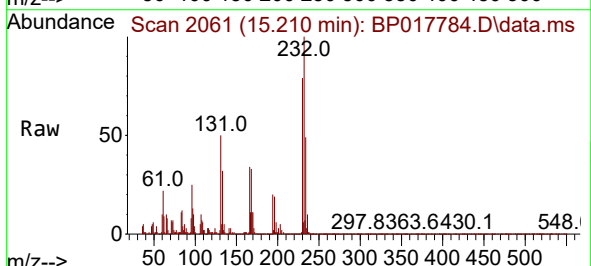
Ion Ratio Lower Upper

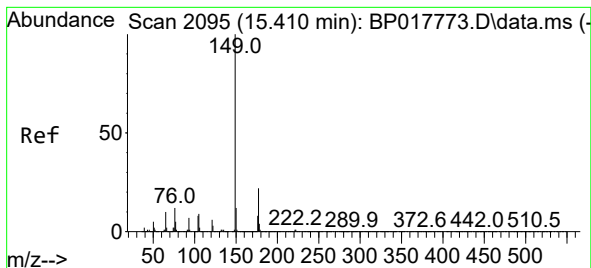
232 100

131 50.5 32.9 49.3

130 2.5 1.8 2.8

166 34.3 23.3 34.9





#59

Diethylphthalate

Concen: 26.643 ng/ul

RT: 15.410 min Scan# 2095

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

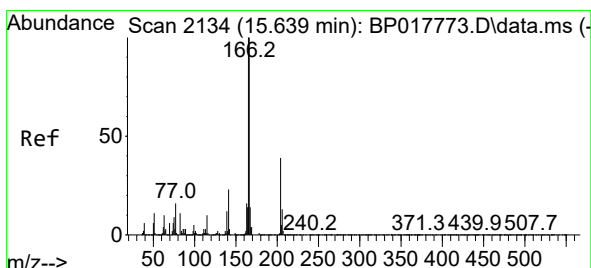
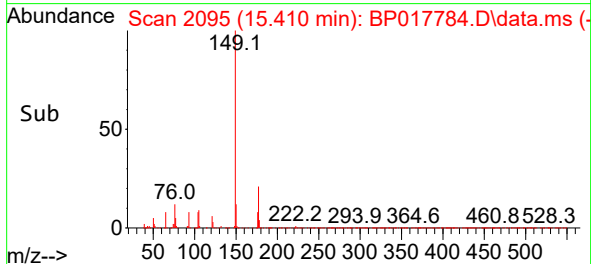
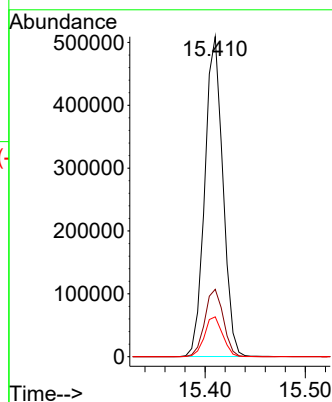
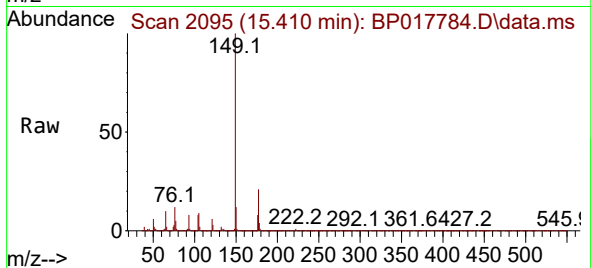
Tgt Ion:149 Resp: 637797

Ion Ratio Lower Upper

149 100

177 21.1 18.0 27.0

150 12.4 10.2 15.4



#61

Fluorene

Concen: 24.576 ng/ul

RT: 15.645 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

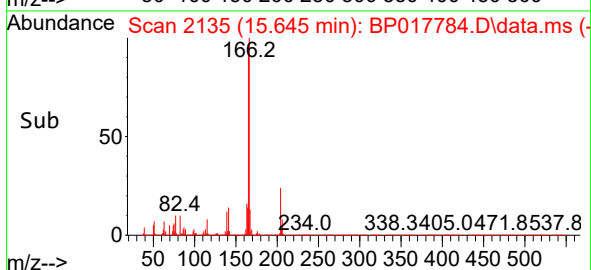
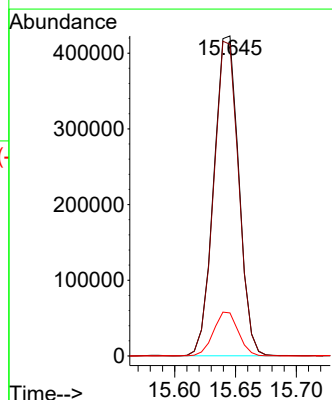
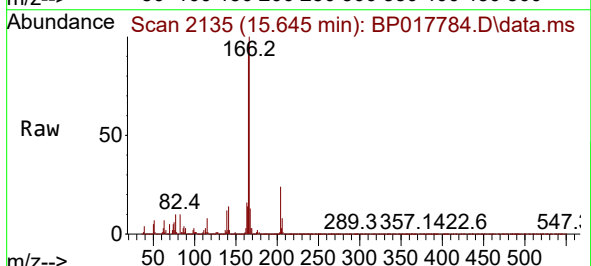
Tgt Ion:166 Resp: 602135

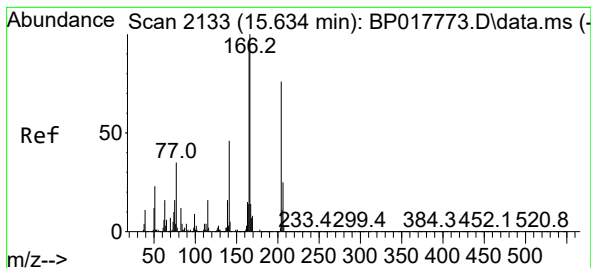
Ion Ratio Lower Upper

166 100

165 97.4 77.4 116.0

167 13.4 10.9 16.3

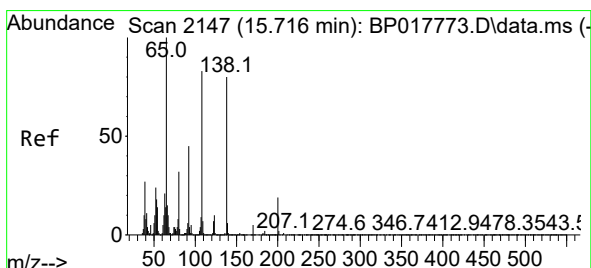
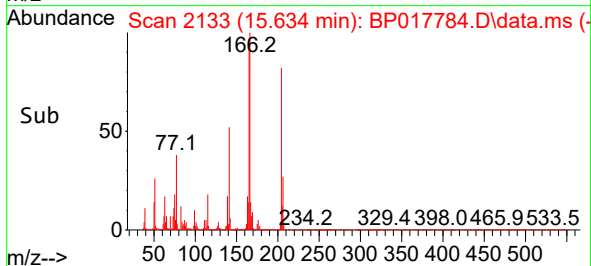
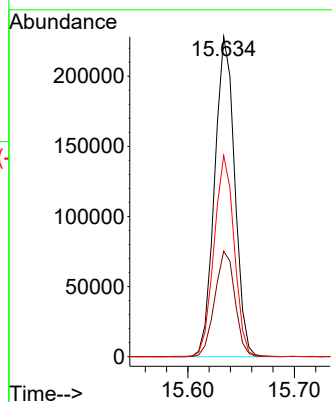
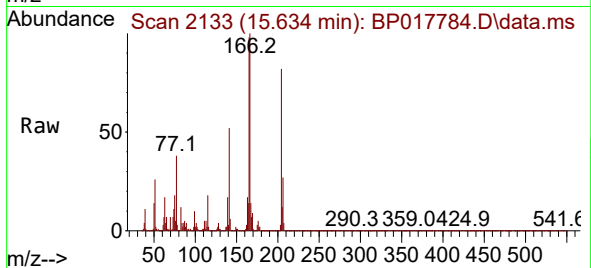




#62
4-Chlorophenyl-phenylether
Concen: 22.949 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

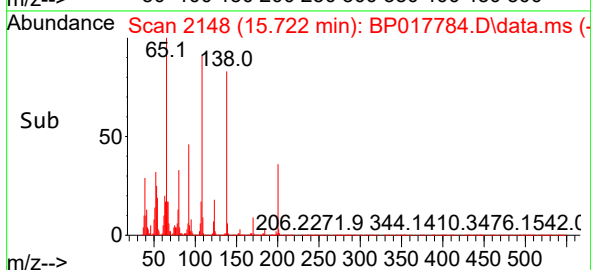
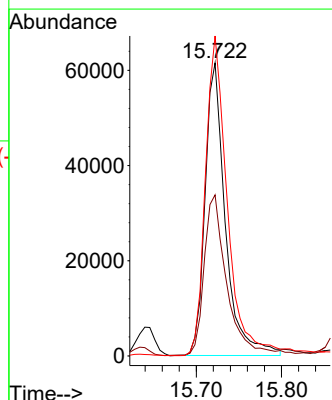
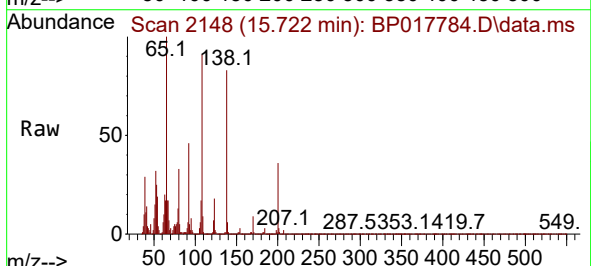
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

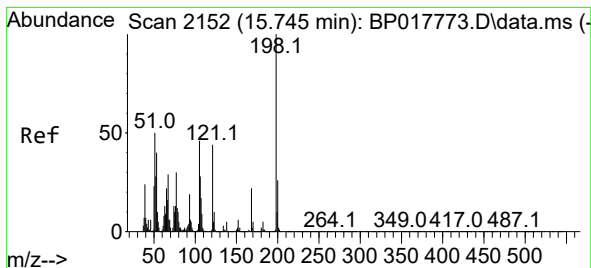
Tgt Ion:204 Resp: 298855
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.8 42.9 64.3



#63
4-Nitroaniline
Concen: 26.044 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:138 Resp: 101958
Ion Ratio Lower Upper
138 100
92 55.0 43.0 64.6
108 109.2 82.7 124.1

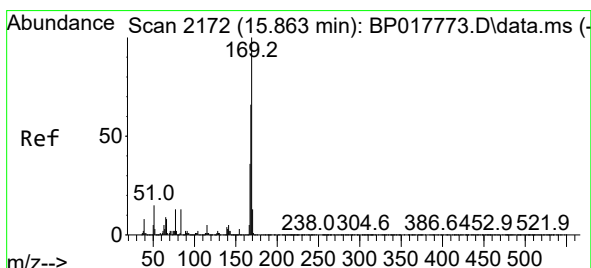
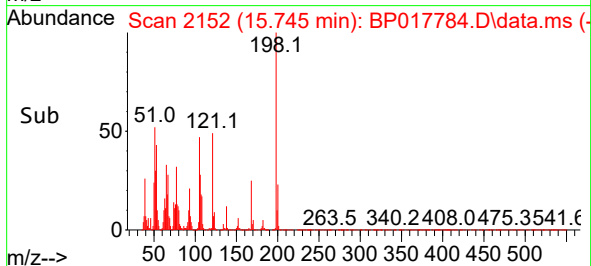
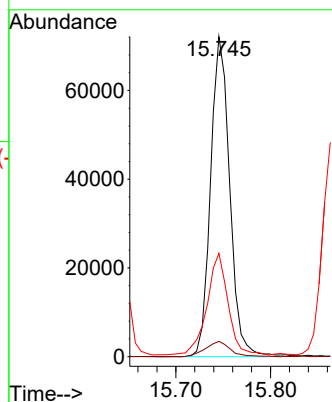
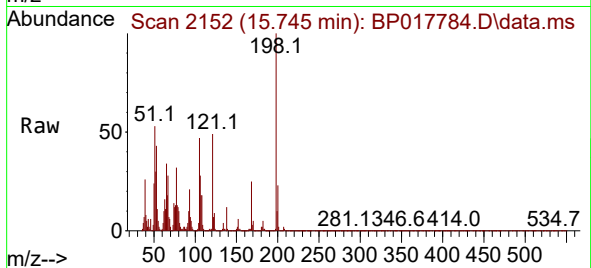




#66
4,6-Dinitro-2-methylphenol
Concen: 23.045 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

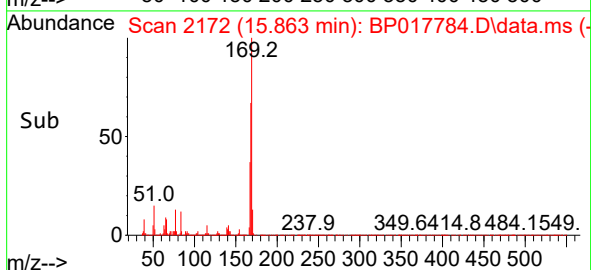
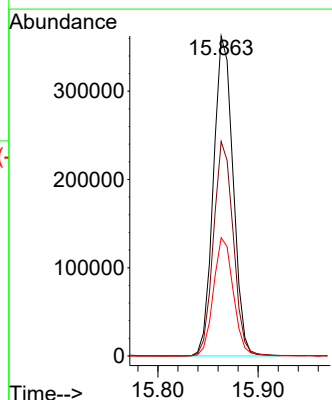
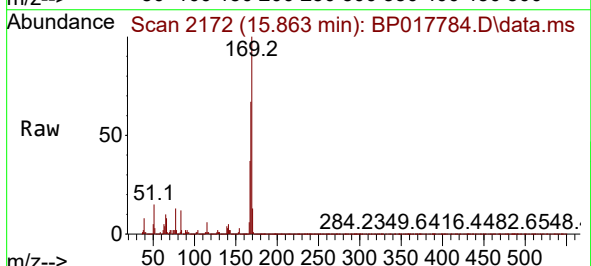
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

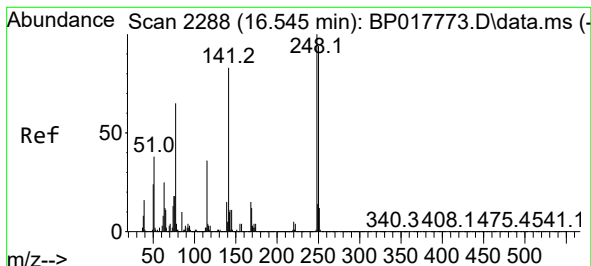
Tgt Ion:198 Resp: 100963
Ion Ratio Lower Upper
198 100
182 4.8 3.9 5.9
77 32.3 19.8 29.8#



#67
N-Nitrosodiphenylamine
Concen: 26.249 ng/ul
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:169 Resp: 493829
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 37.0 29.4 44.0

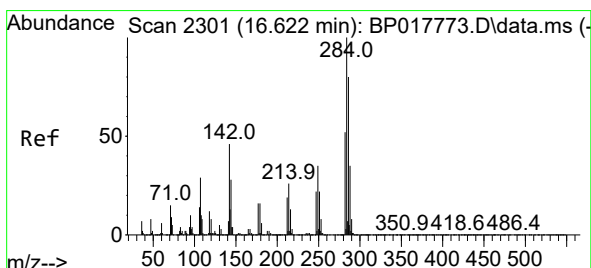
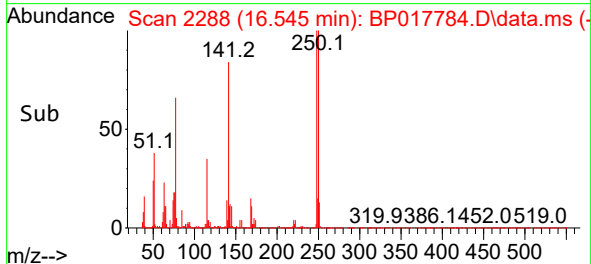
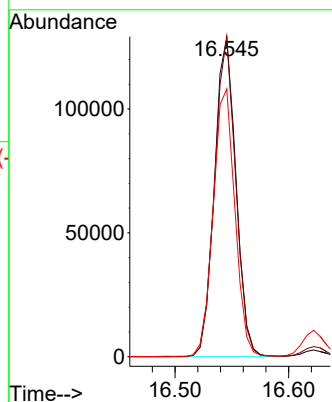
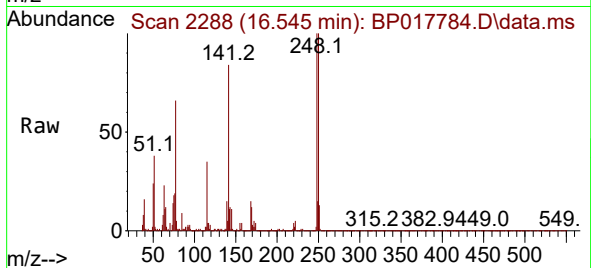




#68
4-Bromophenyl-phenylether
Concen: 23.368 ng/ul
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

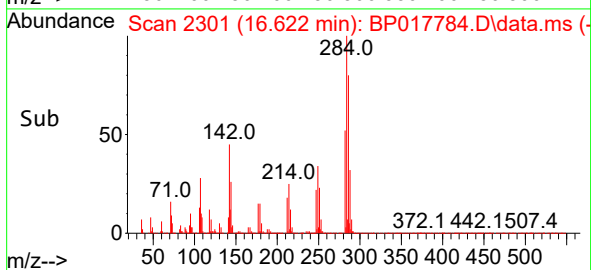
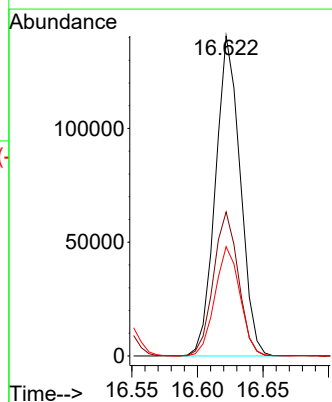
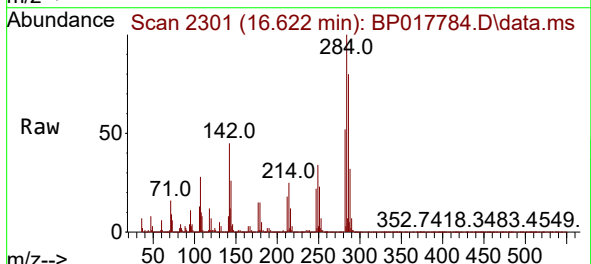
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

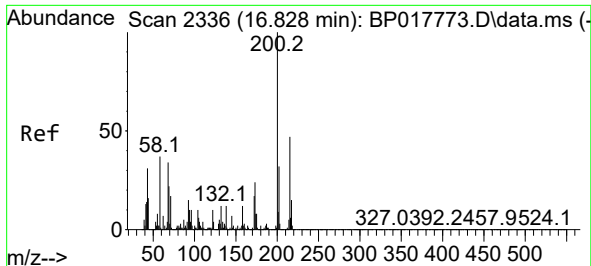
Tgt Ion:248 Resp: 169787
Ion Ratio Lower Upper
248 100
250 100.3 76.8 115.2
141 83.9 52.4 78.6#



#69
Hexachlorobenzene
Concen: 22.125 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:284 Resp: 184553
Ion Ratio Lower Upper
284 100
142 45.0 27.6 41.4#
249 34.1 24.5 36.7

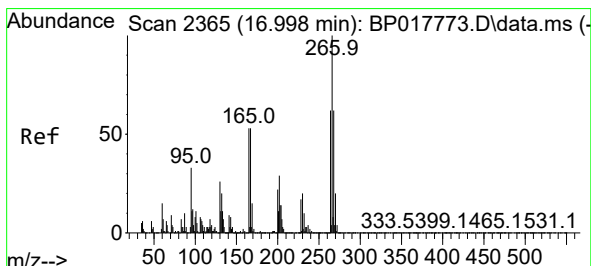
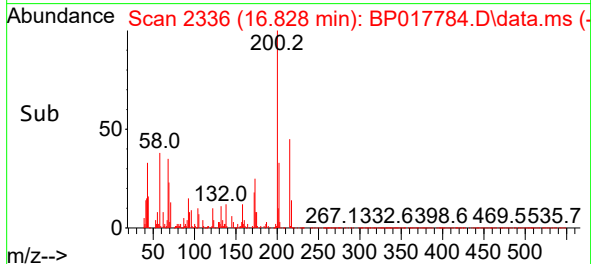
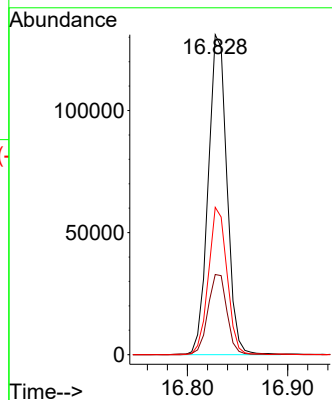
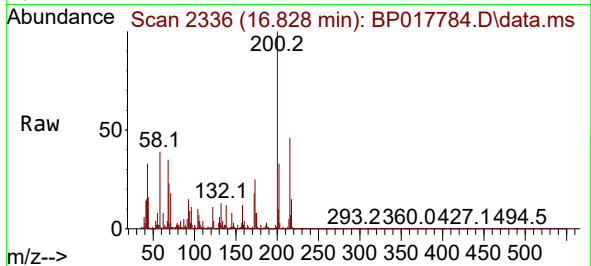




#70
Atrazine
Concen: 24.642 ng/ul
RT: 16.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

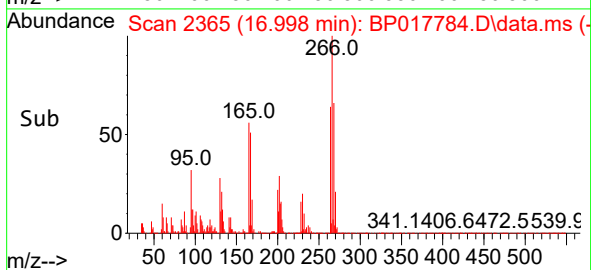
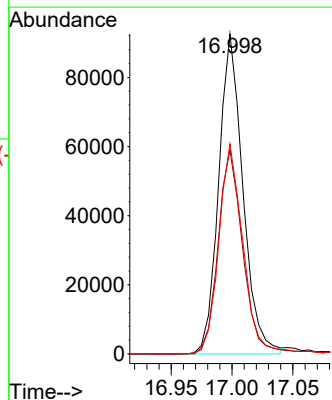
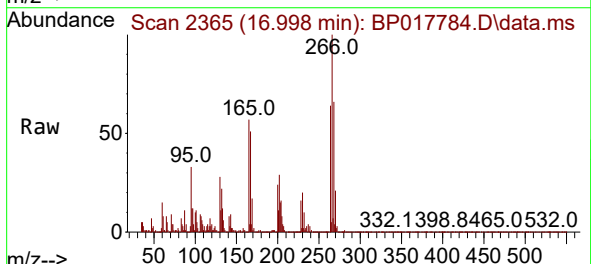
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

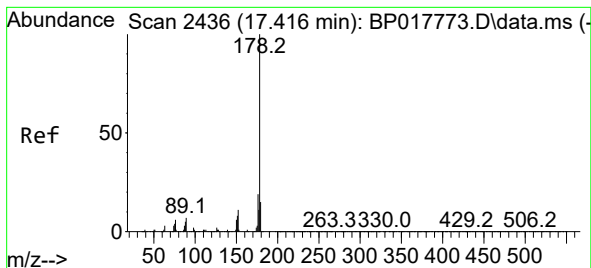
Tgt Ion:200 Resp: 170386
Ion Ratio Lower Upper
200 100
173 25.1 19.8 29.6
215 46.0 38.5 57.7



#71
Pentachlorophenol
Concen: 25.530 ng/ul
RT: 16.998 min Scan# 2365
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:266 Resp: 128033
Ion Ratio Lower Upper
266 100
264 63.7 49.4 74.2
268 65.6 50.3 75.5





#72

Phenanthrene

Concen: 25.990 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

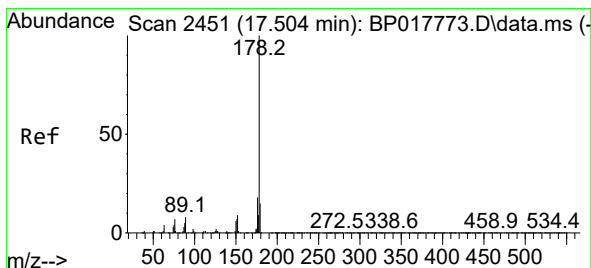
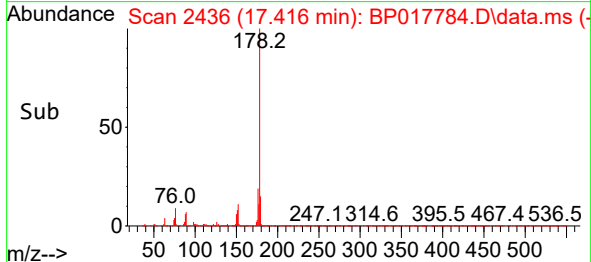
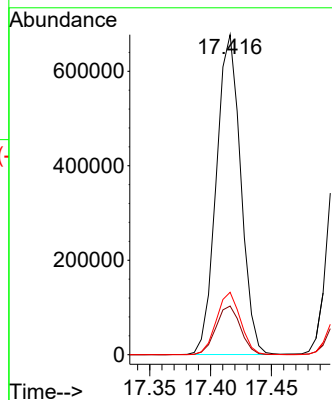
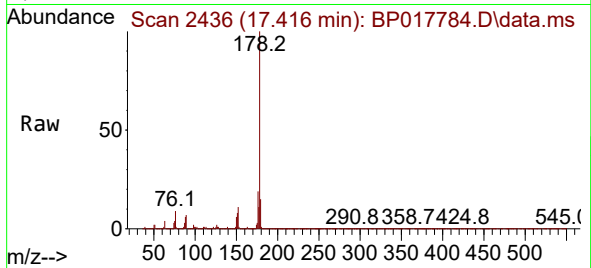
Tgt Ion:178 Resp: 945443

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.5 15.3 22.9



#74

Anthracene

Concen: 24.463 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

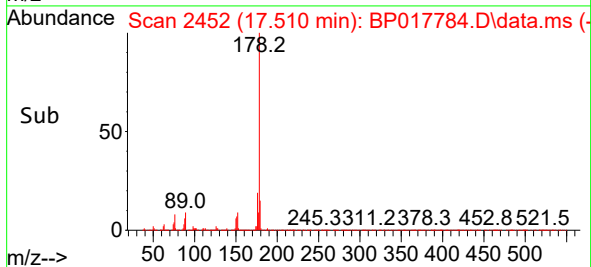
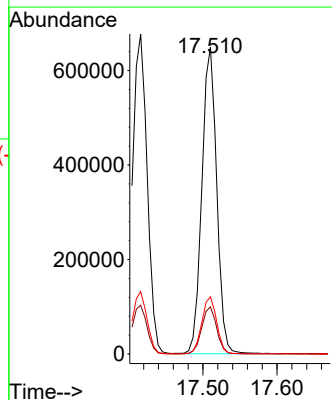
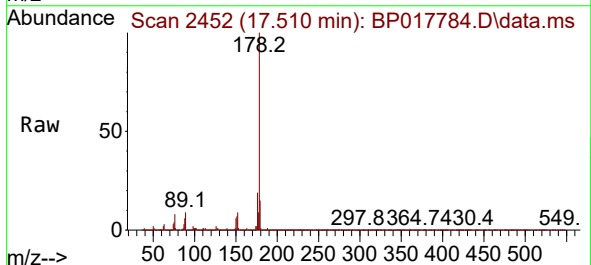
Tgt Ion:178 Resp: 901310

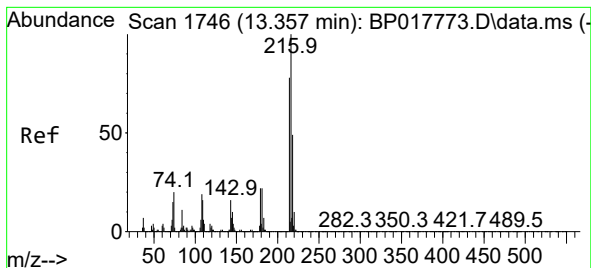
Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 18.6 14.8 22.2

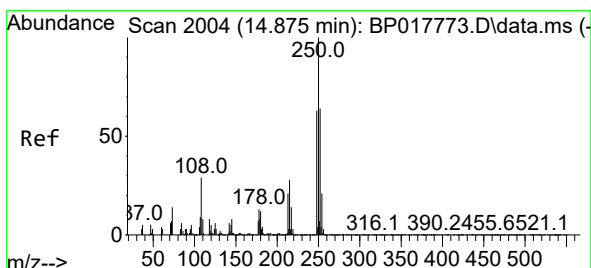
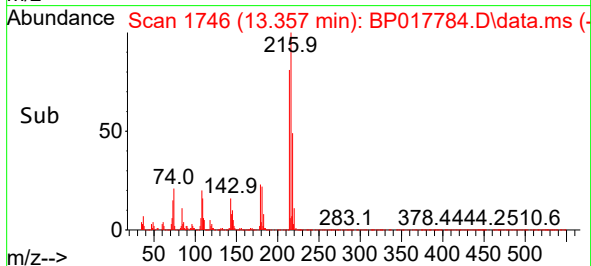
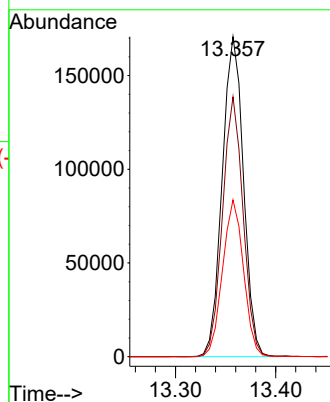
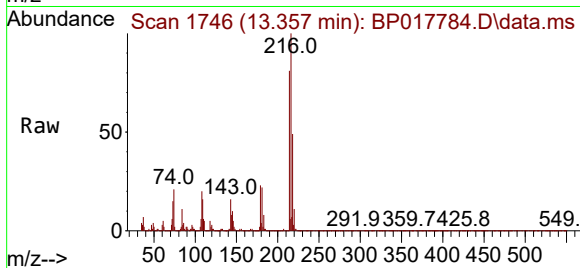




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.160 ng/uL
RT: 13.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

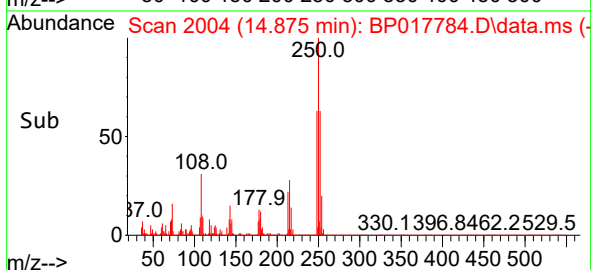
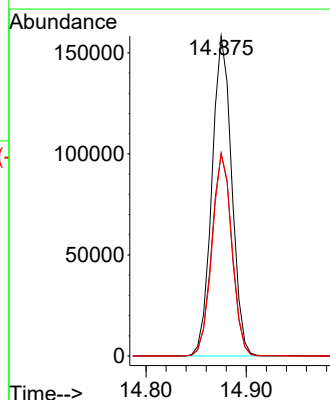
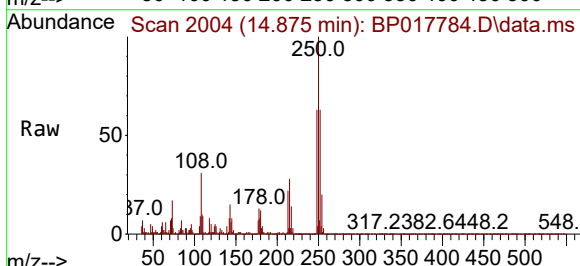
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

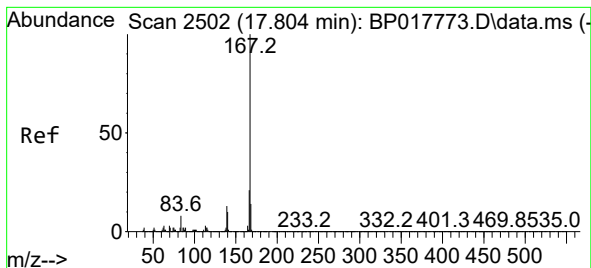
Tgt Ion:216 Resp: 251737
Ion Ratio Lower Upper
216 100
214 81.2 60.7 91.1
218 49.0 38.2 57.4



#76
Pentachlorobenzene
Concen: 21.484 ng/uL
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:250 Resp: 216958
Ion Ratio Lower Upper
250 100
248 63.3 50.2 75.4
252 63.3 49.6 74.4





#77

Carbazole

Concen: 27.114 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

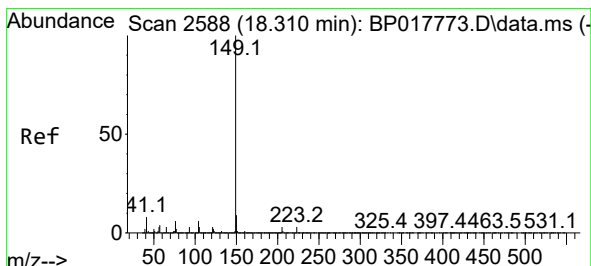
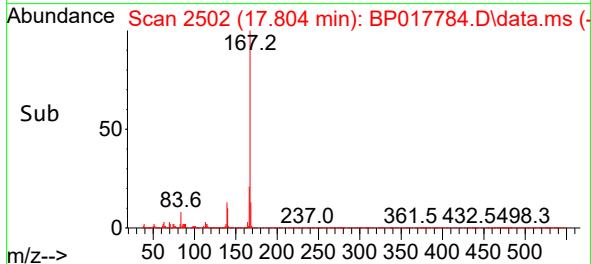
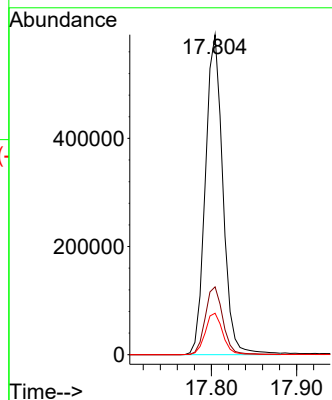
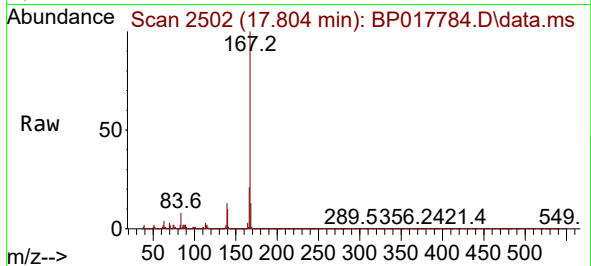
Tgt Ion:167 Resp: 844318

Ion Ratio Lower Upper

167 100

166 21.2 16.7 25.1

139 13.0 9.8 14.6



#78

Di-n-butylphthalate

Concen: 31.203 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

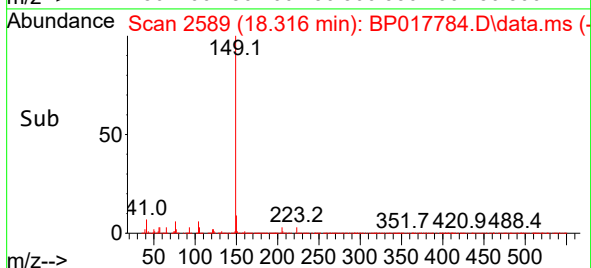
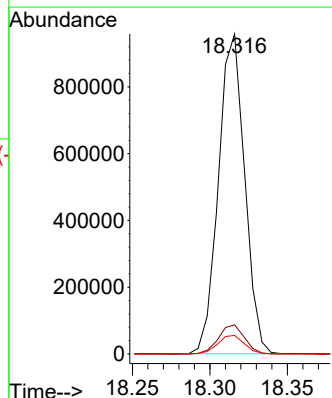
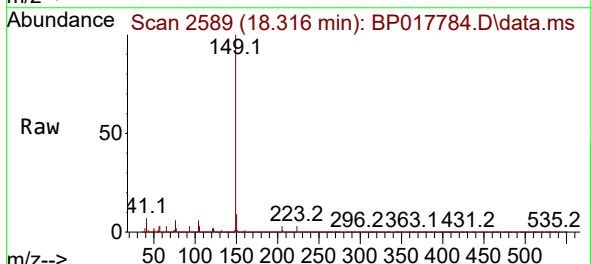
Tgt Ion:149 Resp: 1128032

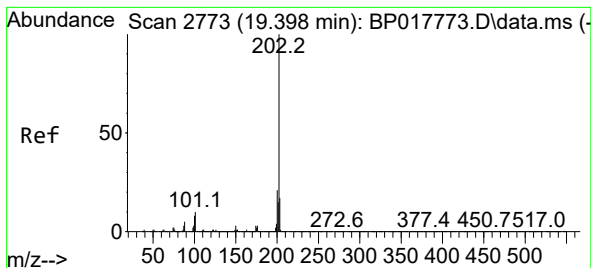
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.8 4.3 6.5

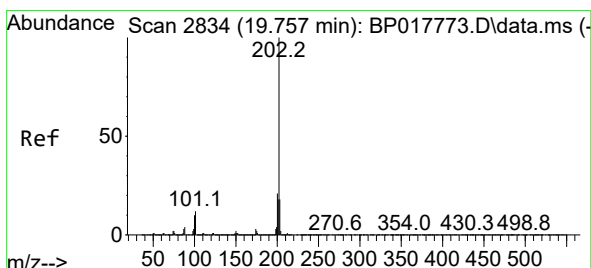
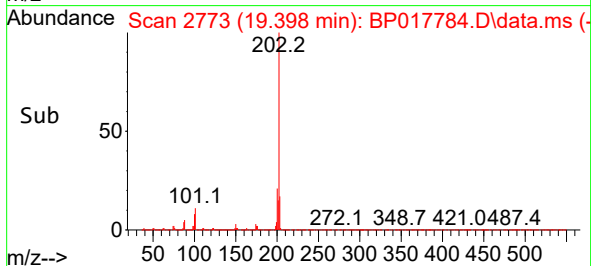
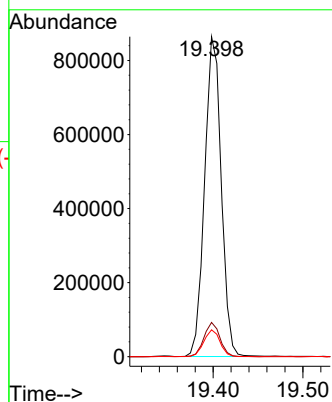
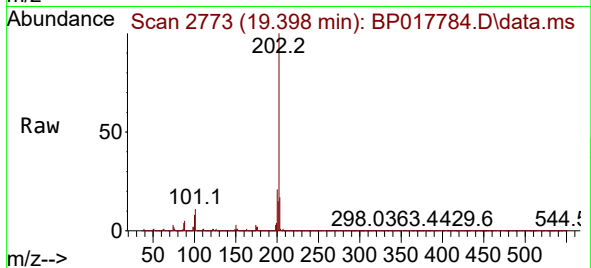




#80
Fluoranthene
Concen: 29.386 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

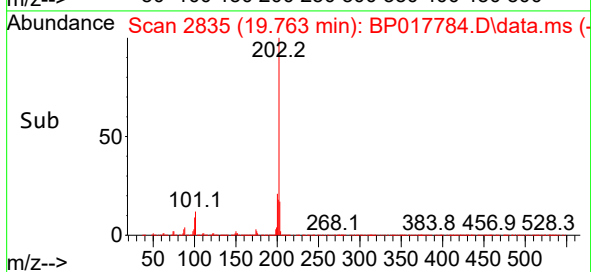
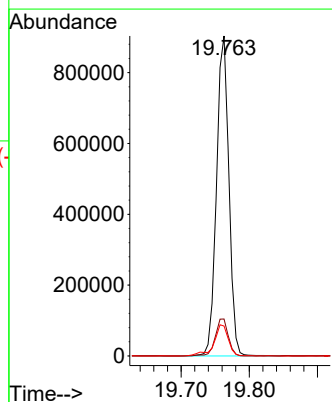
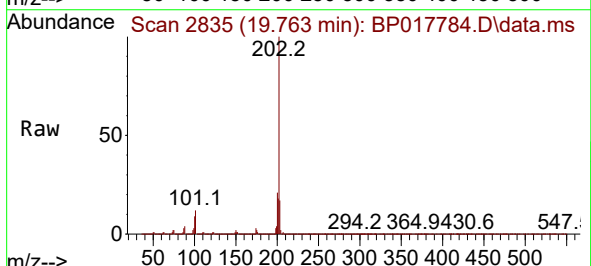
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

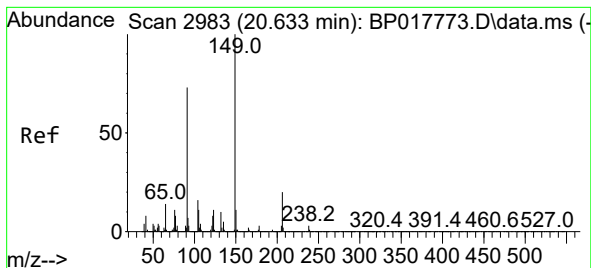
Tgt Ion:202 Resp: 1110997
Ion Ratio Lower Upper
202 100
101 10.7 7.1 10.7#
100 8.4 5.7 8.5



#82
Pyrene
Concen: 28.512 ng/ul
RT: 19.763 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BP017784.D
Acq: 24 Oct 2023 18:51

Tgt Ion:202 Resp: 1142041
Ion Ratio Lower Upper
202 100
101 11.6 8.3 12.5
100 9.3 7.4 11.0





#83

Butylbenzylphthalate

Concen: 36.310 ng/ul

RT: 20.633 min Scan# 2983

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

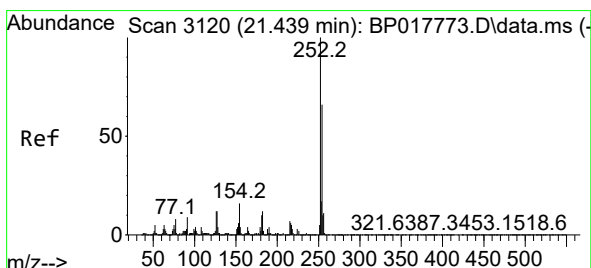
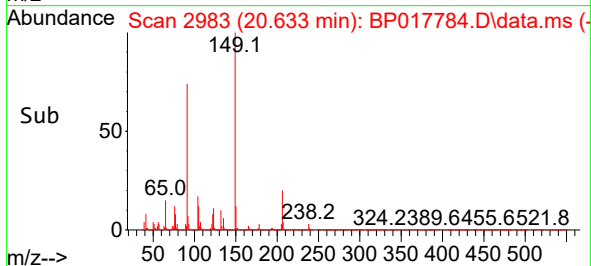
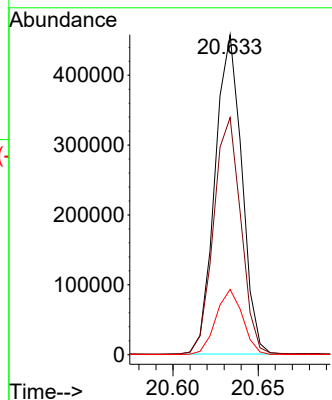
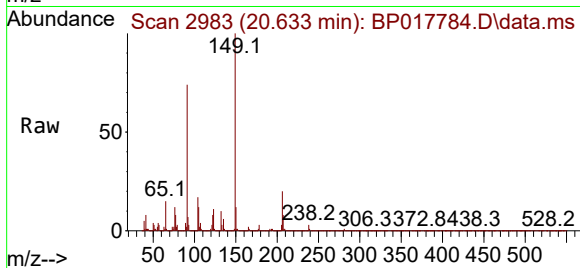
Tgt Ion:149 Resp: 500215

Ion Ratio Lower Upper

149 100

91 74.1 58.8 88.2

206 20.4 17.5 26.3



#84

3,3'-Dichlorobenzidine

Concen: 16.006 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

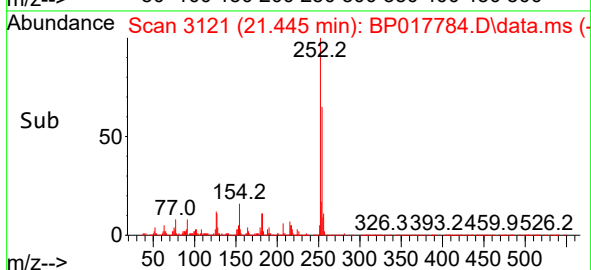
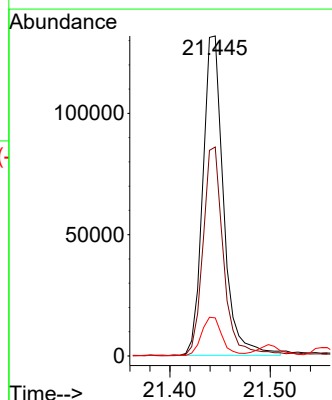
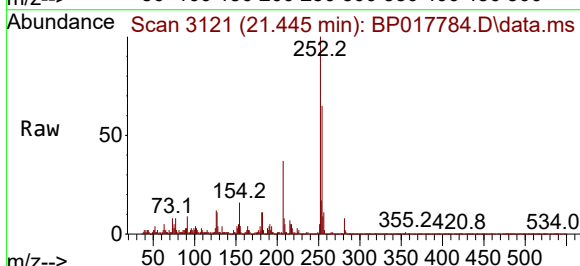
Tgt Ion:252 Resp: 189797

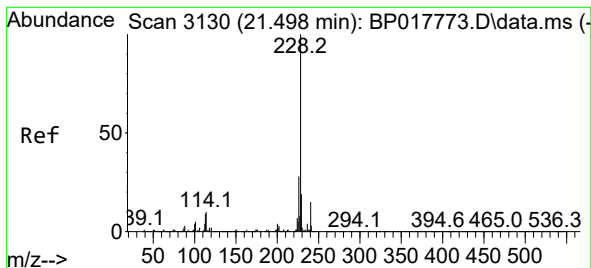
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.8

126 11.9 7.8 11.6#





#85

Benzo(a)anthracene

Concen: 27.107 ng/ul

RT: 21.498 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

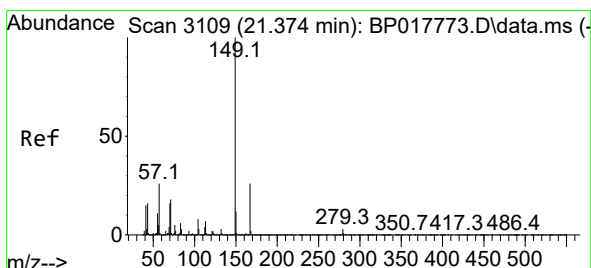
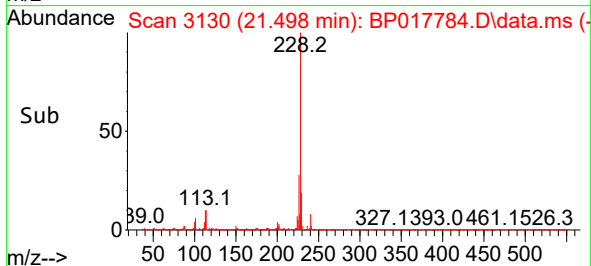
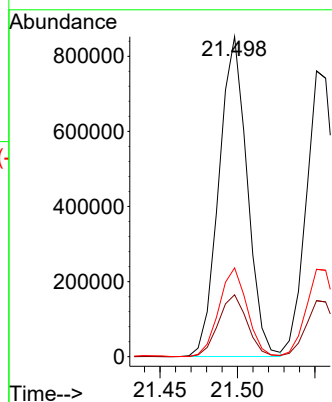
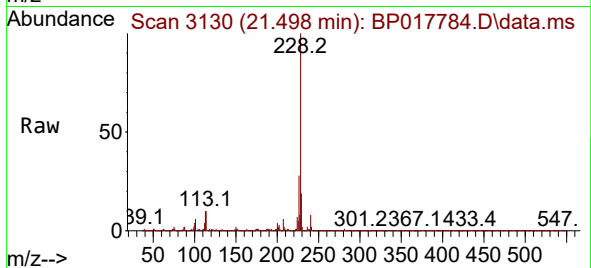
Tgt Ion:228 Resp: 1081562

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

226 27.7 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.822 ng/ul

RT: 21.375 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

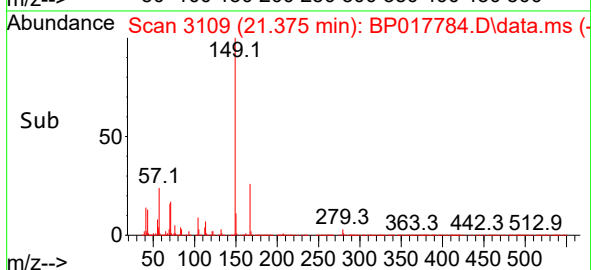
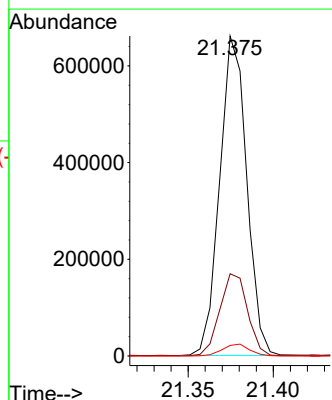
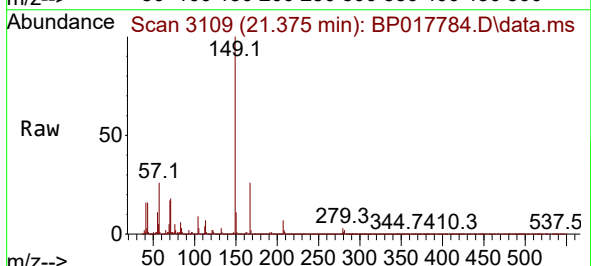
Tgt Ion:149 Resp: 727353

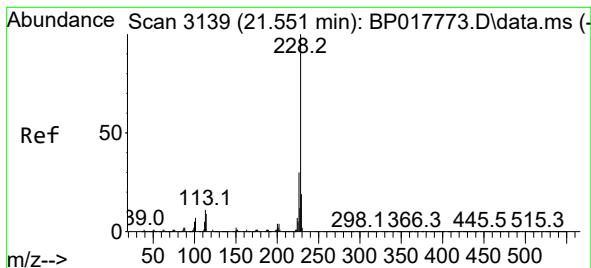
Ion Ratio Lower Upper

149 100

167 25.7 21.6 32.4

279 3.3 3.6 5.4#





#87

Chrysene

Concen: 26.604 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

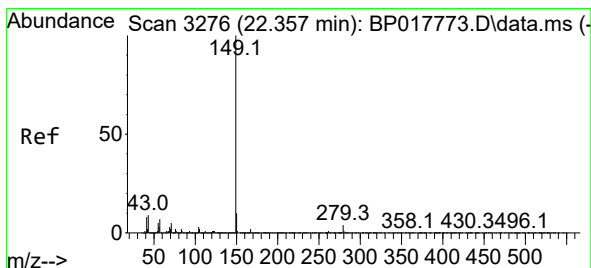
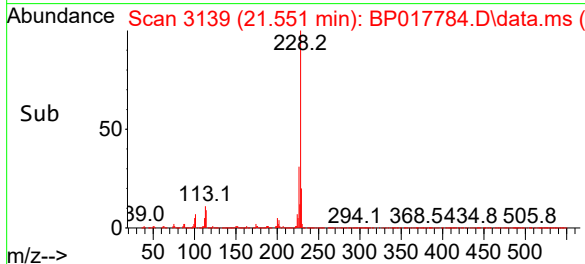
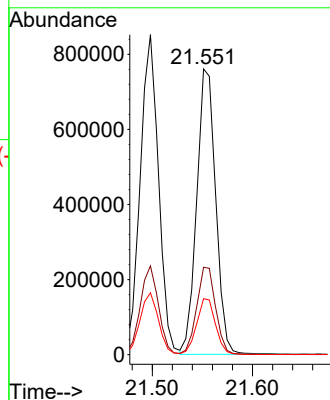
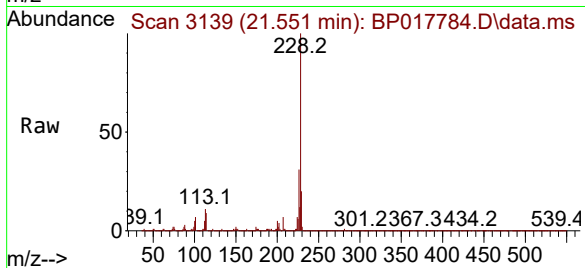
Tgt Ion:228 Resp: 1003830

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 35.877 ng/ul

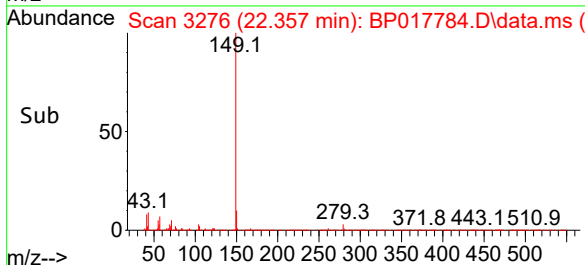
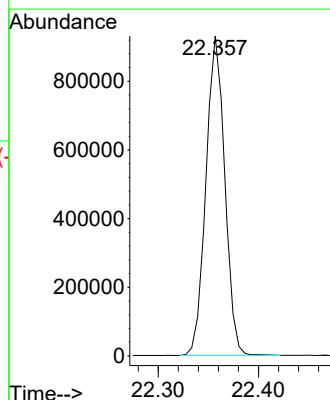
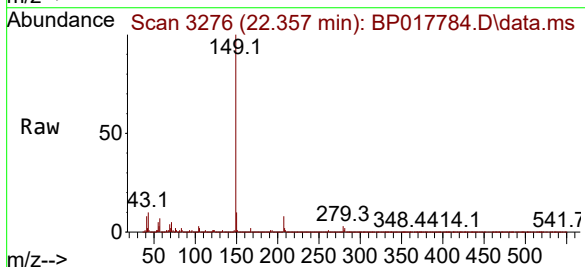
RT: 22.357 min Scan# 3276

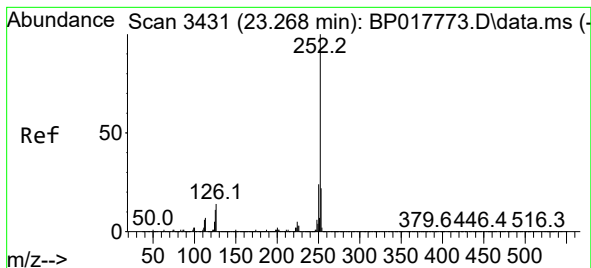
Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Tgt Ion:149 Resp: 1218202





#90

Benzo(b)fluoranthene

Concen: 27.103 ng/ul

RT: 23.274 min Scan# 3431

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

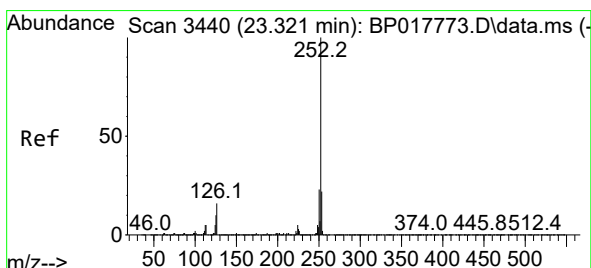
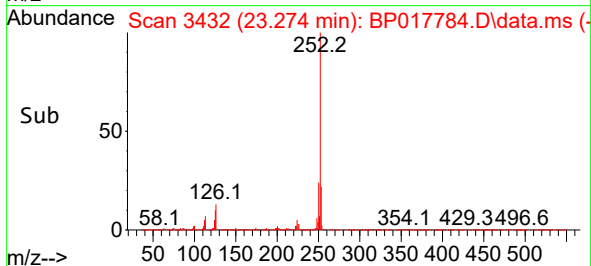
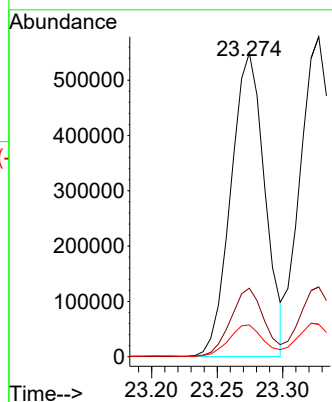
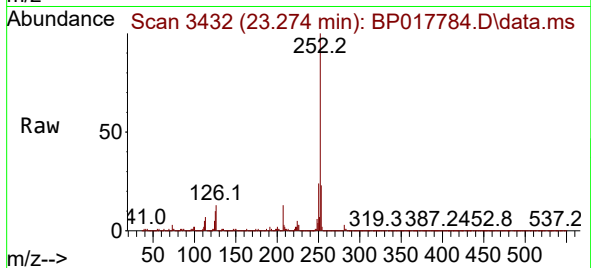
Tgt Ion:252 Resp: 988808

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.4 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 27.580 ng/ul

RT: 23.327 min Scan# 3441

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

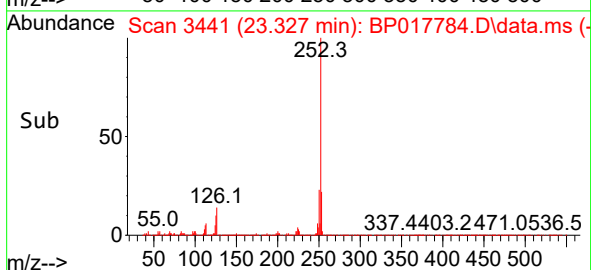
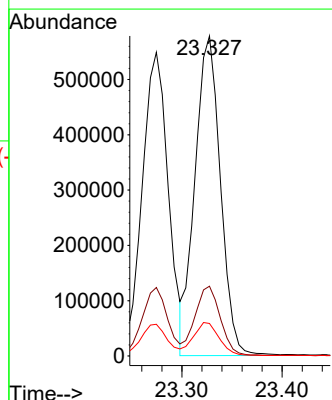
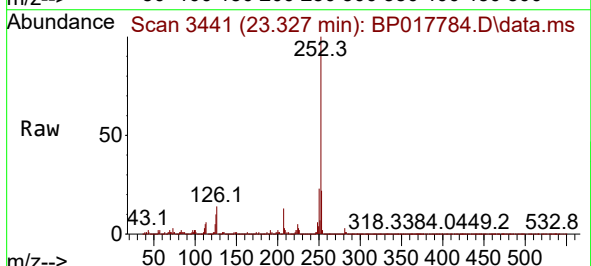
Tgt Ion:252 Resp: 1019769

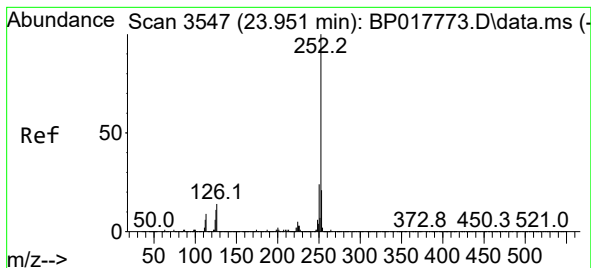
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.2 7.0 10.6





#93

Benzo(a)pyrene

Concen: 26.617 ng/ul

RT: 23.951 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

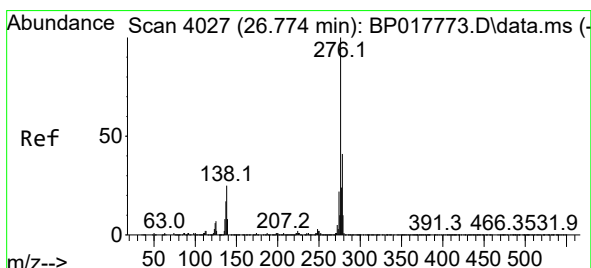
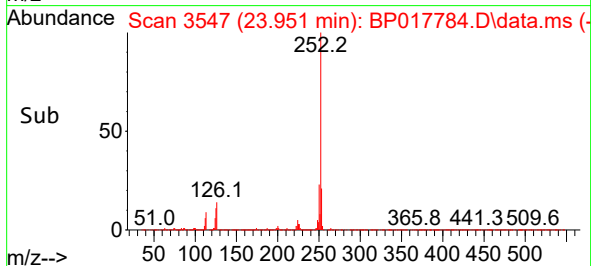
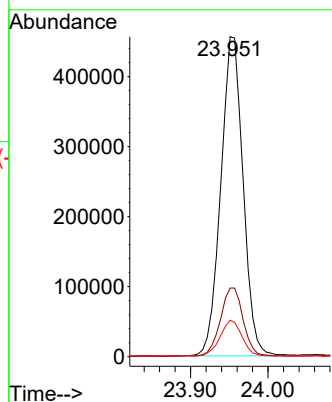
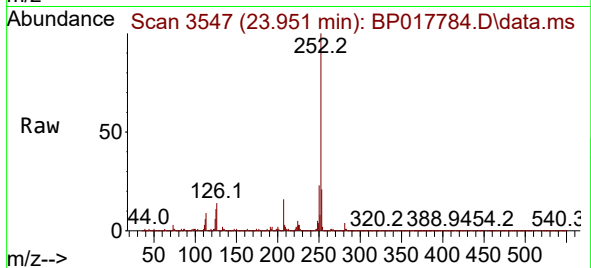
Tgt Ion:252 Resp: 911617

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 11.4 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.379 ng/ul

RT: 26.780 min Scan# 4028

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

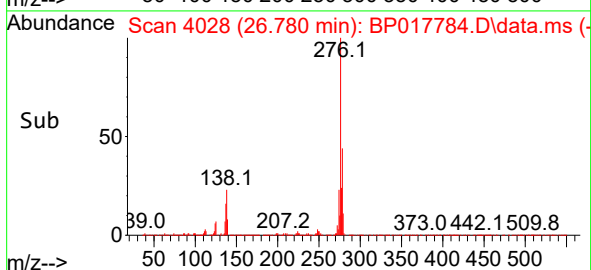
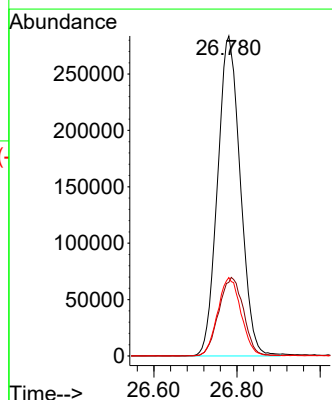
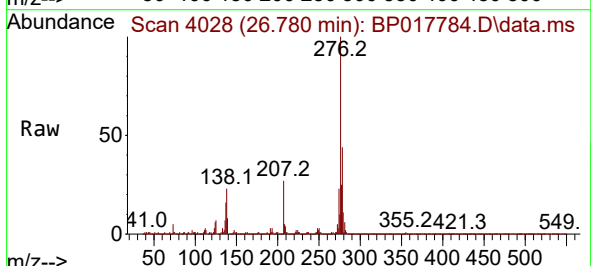
Tgt Ion:276 Resp: 1076804

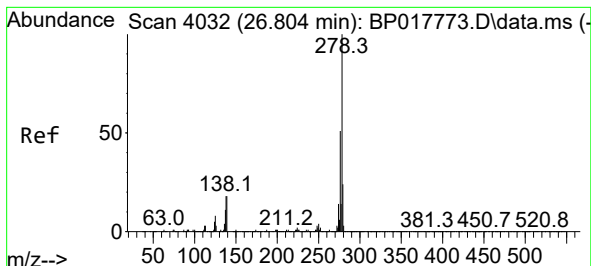
Ion Ratio Lower Upper

276 100

138 23.0 15.6 23.4

277 24.5 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 26.039 ng/ul

RT: 26.804 min Scan# 4032

Delta R.T. -0.006 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Instrument :

BNA_P

ClientSampleId :

GCD09MSD

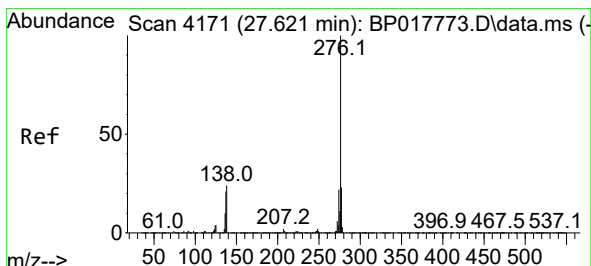
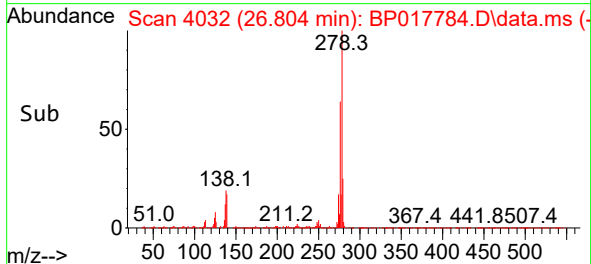
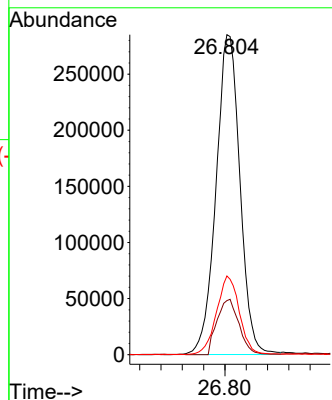
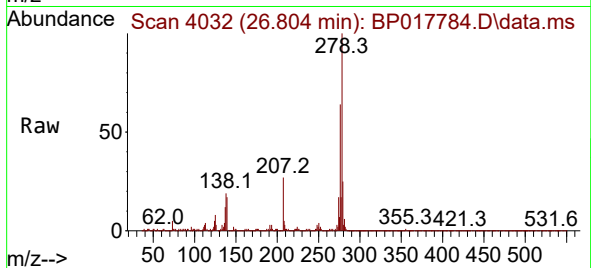
Tgt Ion:278 Resp: 886875

Ion Ratio Lower Upper

278 100

139 16.9 11.4 17.2

279 24.6 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 23.837 ng/ul

RT: 27.627 min Scan# 4172

Delta R.T. 0.000 min

Lab File: BP017784.D

Acq: 24 Oct 2023 18:51

Tgt Ion:276 Resp: 783962

Ion Ratio Lower Upper

276 100

138 22.6 15.0 22.6#

277 23.7 18.5 27.7

