

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015850.D
 Acq On : 30 Jun 2023 18:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:35:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	302203	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1192308	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	624935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1161727	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	981683	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1204661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	72762	8.663	ng/uL	0.00
4) Pyridine-d5	3.822	84	447945	21.156	ng/ul	0.00
7) Phenol-d5	7.228	99	575089	22.241	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	374223	23.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	426463	21.849	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	422129	20.666	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	205737	22.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	226501	21.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	386406	20.389	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	503723	20.691	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	984857	20.389	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1174509	21.630	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	106618	16.726	ng/ul	0.00
60) Fluorene-d10	15.698	176	805108	20.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	128449	17.979	ng/ul	0.00
73) Anthracene-d10	17.563	188	1152244	21.714	ng/ul	0.00
81) Pyrene-d10	19.792	212	1227868	19.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1274113	20.967	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	78346	8.667	ng/uL	96
5) Pyridine	3.840	79	495180	22.355	ng/ul	94
6) Benzaldehyde	7.193	77	241841	23.134	ng/ul	97
8) Phenol	7.252	94	600695	22.387	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.469	93	494467	23.161	ng/ul	99
12) 2-Chlorophenol	7.616	128	457006	22.039	ng/ul	99
13) 2-Methylphenol	8.516	108	437232	21.582	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	713285	24.462	ng/ul	98
16) Acetophenone	8.893	105	683777	20.364	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.869	70	385400	20.666	ng/ul	99
18) 4-Methylphenol	8.852	108	468405	21.519	ng/ul	98
19) Hexachloroethane	9.128	117	196139	20.479	ng/ul	87
22) Nitrobenzene	9.281	77	558396	21.822	ng/ul	97
23) Isophorone	9.804	82	1027626	20.986	ng/ul	99
25) 2-Nitrophenol	9.999	139	245031	21.710	ng/ul	92
26) 2,4-Dimethylphenol	10.057	107	504524	20.334	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.287	93	630606	22.812	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	388815	20.636	ng/ul	98
30) Naphthalene	10.928	128	1397109	21.555	ng/ul	99
32) 4-Chloroaniline	11.063	127	533244	21.082	ng/ul	98
33) Hexachlorobutadiene	11.193	225	256354	18.017	ng/ul	98
34) Caprolactam	11.857	113	115681	20.072	ng/ul	94
35) 4-Chloro-3-methylphenol	12.193	107	420787	19.080	ng/ul	97
36) 2-Methylnaphthalene	12.534	142	866689	20.312	ng/ul	98

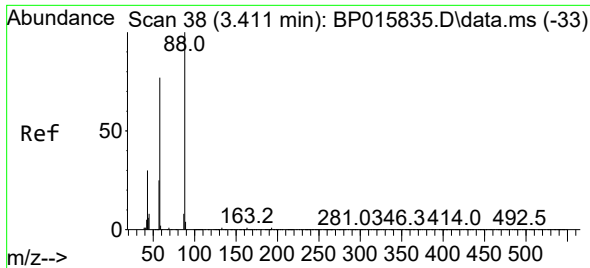
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	862103	19.806	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	443149	21.519	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	135577	22.006	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	275429	21.163	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	280339	20.308	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1105440	22.333	ng/ul#	97
44) 2-Chloronaphthalene	13.587	162	865610	22.199	ng/ul	97
45) 2-Nitroaniline	13.810	65	264213	21.534	ng/ul	95
47) Dimethylphthalate	14.157	163	1031532	20.635	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	203493	20.068	ng/ul	100
50) Acenaphthylene	14.428	152	1319265	22.050	ng/ul	99
51) 3-Nitroaniline	14.645	138	176075	22.143	ng/ul	95
52) Acenaphthene	14.763	153	907191	21.866	ng/ul	96
53) 2,4-Dinitrophenol	14.875	184	108024	20.080	ng/ul	88
55) 4-Nitrophenol	14.975	109	117133	17.733	ng/ul#	76
56) Dibenzofuran	15.104	168	1206727	20.952	ng/ul	96
57) 2,4-Dinitrotoluene	15.104	165	273701	19.807	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.345	232	220752	18.617	ng/ul	98
59) Diethylphthalate	15.510	149	1005199	19.871	ng/ul	99
61) Fluorene	15.751	166	953792	20.417	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	454161	19.000	ng/ul	96
63) 4-Nitroaniline	15.822	138	109636	20.145	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.875	198	131377	18.174	ng/ul#	92
67) N-Nitrosodiphenylamine	15.957	169	783751	22.536	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	267341	20.152	ng/ul	89
69) Hexachlorobenzene	16.763	284	304793	19.472	ng/ul	96
70) Atrazine	16.916	200	265321	19.930	ng/ul	97
71) Pentachlorophenol	17.128	266	144571	19.243	ng/ul	95
72) Phenanthrene	17.504	178	1383737	21.925	ng/ul	100
74) Anthracene	17.598	178	1403570	22.133	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	438397	23.191	ng/ul	99
76) Pentachlorobenzene	15.022	250	405641	21.261	ng/ul	99
77) Carbazole	17.881	167	1239708	23.194	ng/ul	98
78) Di-n-butylphthalate	18.392	149	1556765	21.969	ng/ul	99
80) Fluoranthene	19.469	202	1522381	19.110	ng/ul#	94
82) Pyrene	19.822	202	1575689	19.389	ng/ul#	90
83) Butylbenzylphthalate	20.669	149	679399	20.492	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	471122	21.230	ng/ul#	99
85) Benzo(a)anthracene	21.533	228	1500935	21.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	957852	21.022	ng/ul	100
87) Chrysene	21.592	228	1423784	21.731	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1640402	18.633	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1574561	20.342	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	1614726	20.647	ng/ul#	96
93) Benzo(a)pyrene	23.980	252	1439449	21.283	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	1954615	21.288	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.804	278	1616726	21.437	ng/ul#	95
96) Benzo(g,h,i)perylene	27.639	276	1598543	21.163	ng/ul#	95

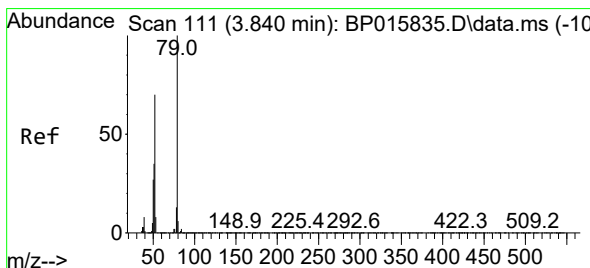
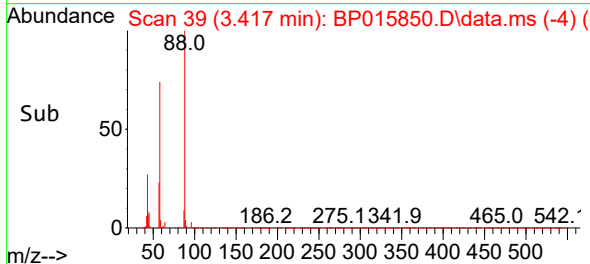
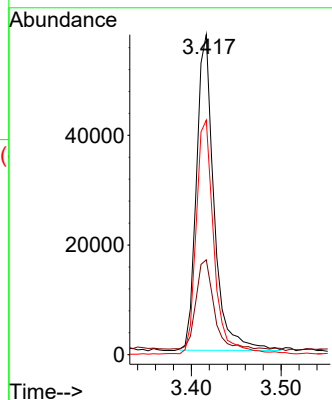
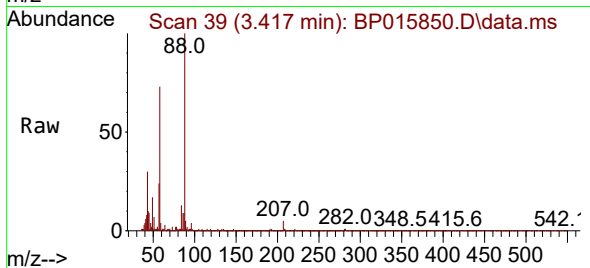
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 8.667 ng/uL
RT: 3.417 min Scan# 39
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

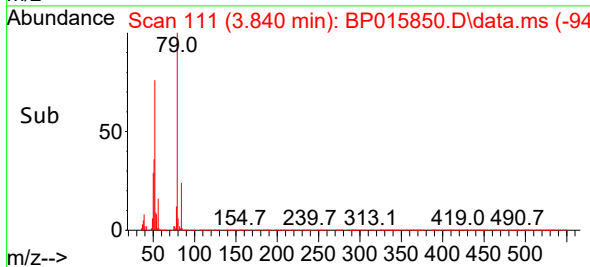
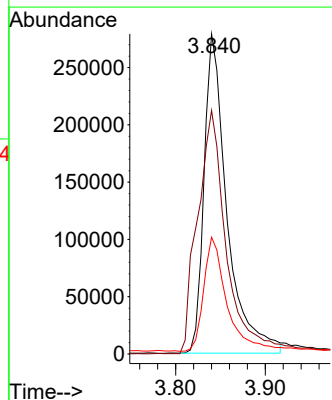
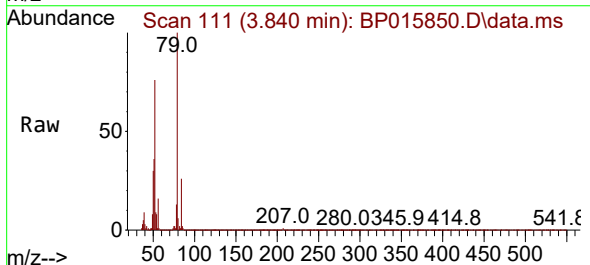
Instrument :
BNA_P
ClientSampleId :

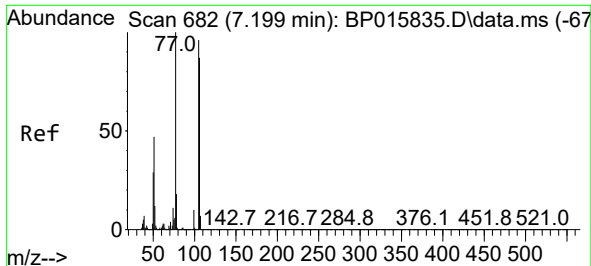
Tgt Ion: 88 Resp: 78346
Ion Ratio Lower Upper
88 100
43 29.6 27.4 41.2
58 73.3 59.8 89.8



#5
Pyridine
Concen: 22.355 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion: 79 Resp: 495180
Ion Ratio Lower Upper
79 100
52 76.1 65.5 98.3
51 36.5 31.8 47.8

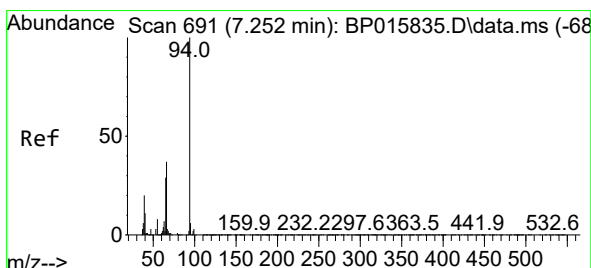
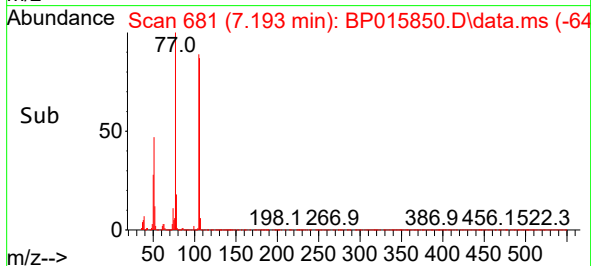
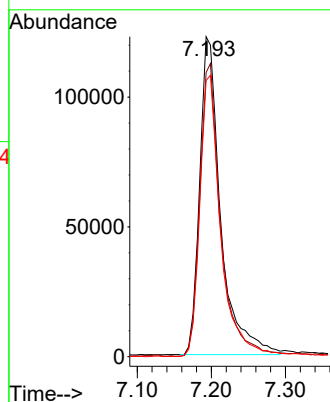
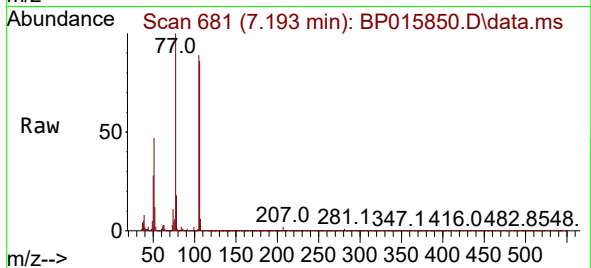




#6
Benzaldehyde
Concen: 23.134 ng/ul
RT: 7.193 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

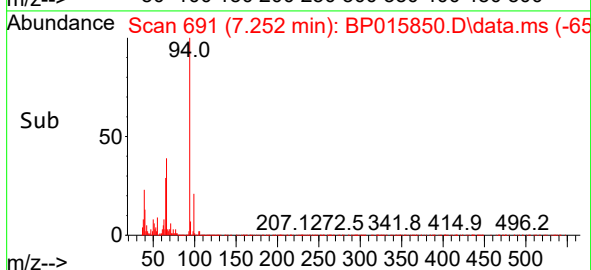
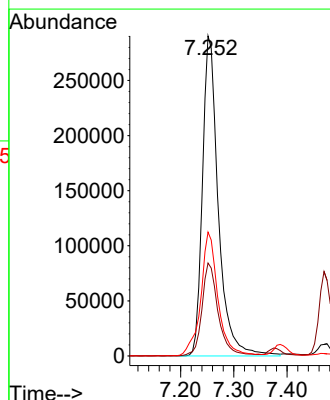
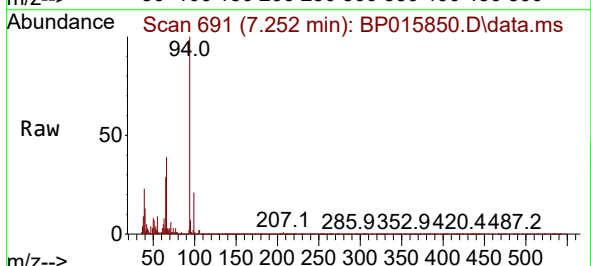
Instrument :
BNA_P
ClientSampleId :

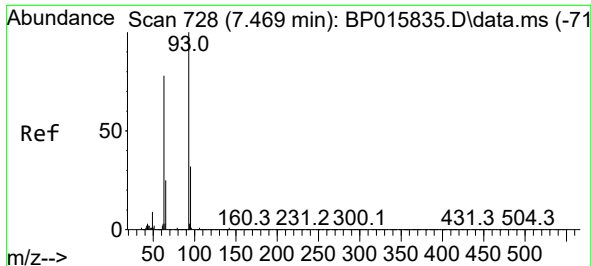
Tgt Ion: 77 Resp: 241841
Ion Ratio Lower Upper
77 100
105 88.8 73.4 110.0
106 86.3 66.6 100.0



#8
Phenol
Concen: 22.387 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

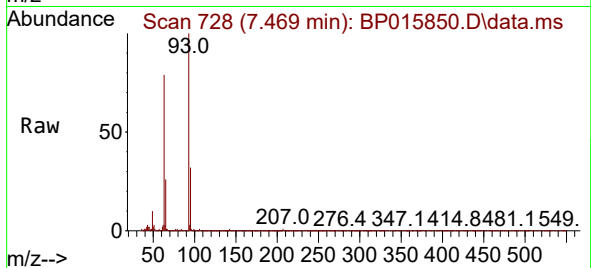
Tgt Ion: 94 Resp: 600695
Ion Ratio Lower Upper
94 100
65 29.0 26.4 39.6
66 38.7 37.3 55.9





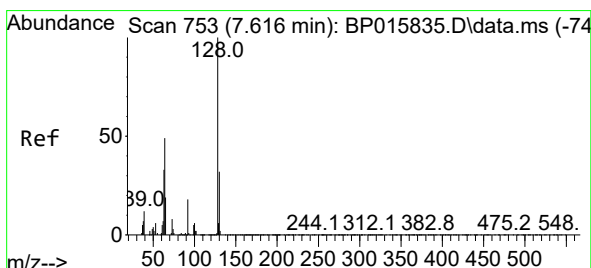
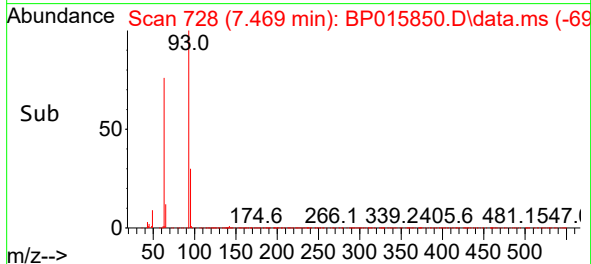
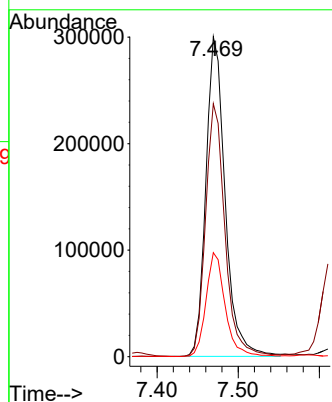
#10
 Bis(2-Chloroethyl)ether
 Concen: 23.161 ng/ul
 RT: 7.469 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 494467

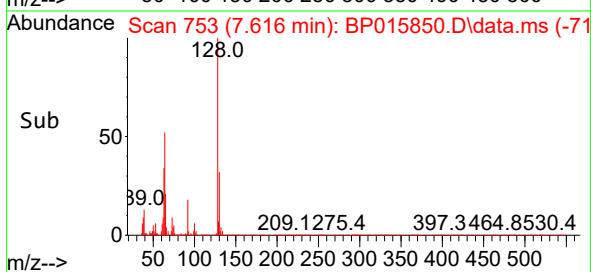
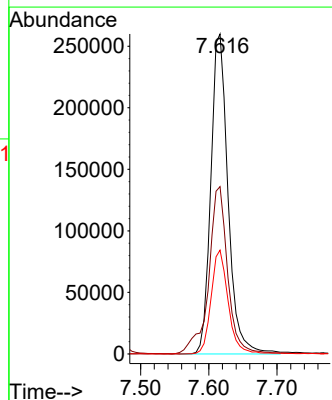
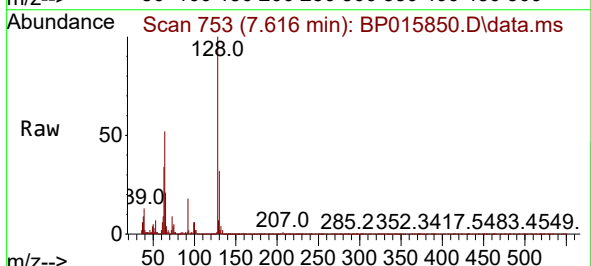
Ion	Ratio	Lower	Upper
93	100		
63	79.0	62.8	94.2
95	32.5	25.6	38.4

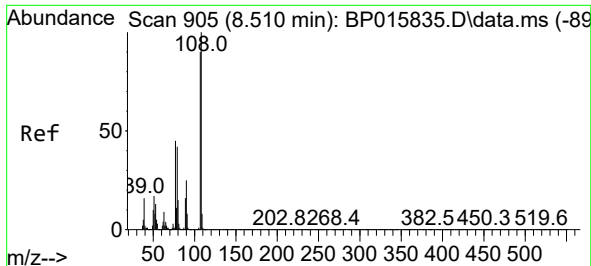


#12
 2-Chlorophenol
 Concen: 22.039 ng/ul
 RT: 7.616 min Scan# 753
 Delta R.T. 0.000 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Tgt Ion: 128 Resp: 457006

Ion	Ratio	Lower	Upper
128	100		
64	52.3	41.2	61.8
130	32.5	26.0	39.0





#13

2-Methylphenol

Concen: 21.582 ng/ul

RT: 8.516 min Scan# 905

Delta R.T. 0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

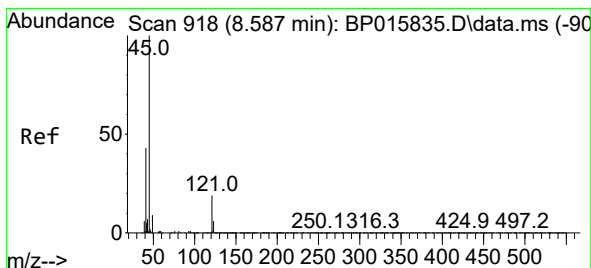
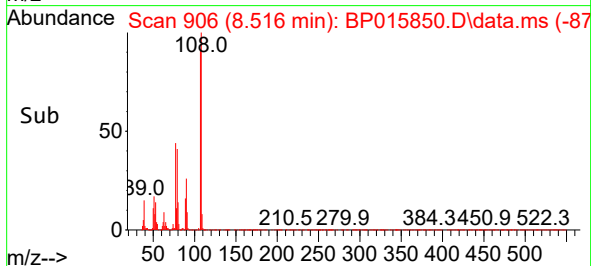
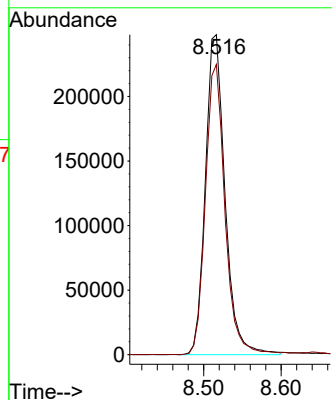
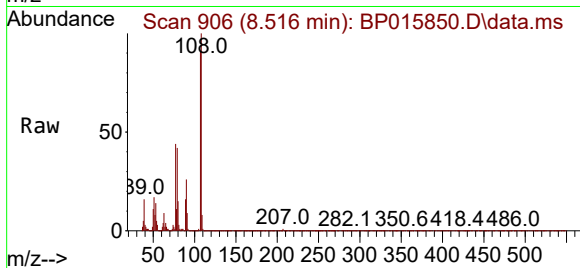
ClientSampleId :

Tgt Ion:108 Resp: 437232

Ion Ratio Lower Upper

108 100

107 90.7 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.462 ng/ul

RT: 8.587 min Scan# 918

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

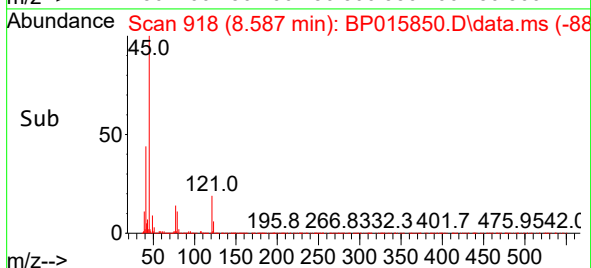
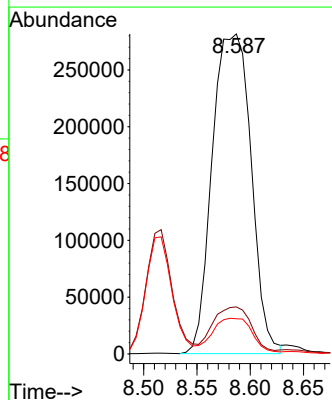
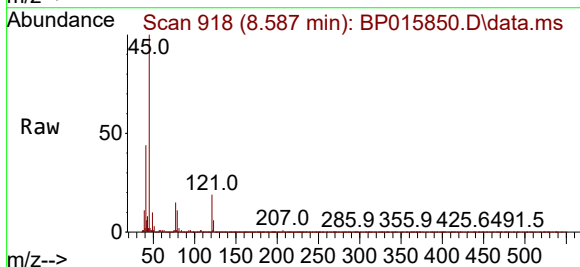
Tgt Ion: 45 Resp: 713285

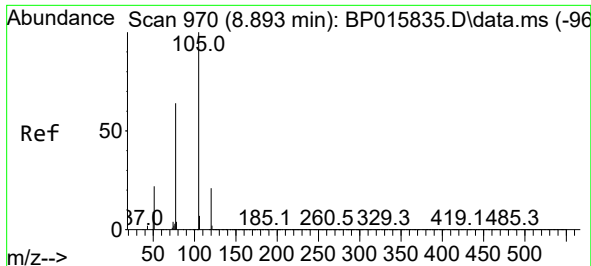
Ion Ratio Lower Upper

45 100

77 14.7 12.4 18.6

79 11.0 9.3 13.9

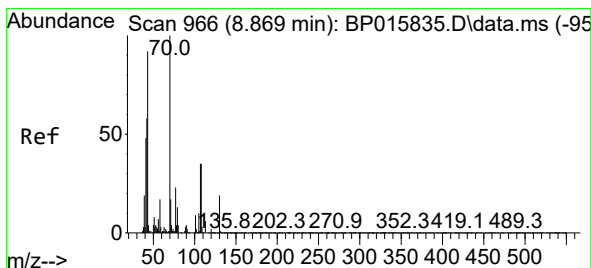
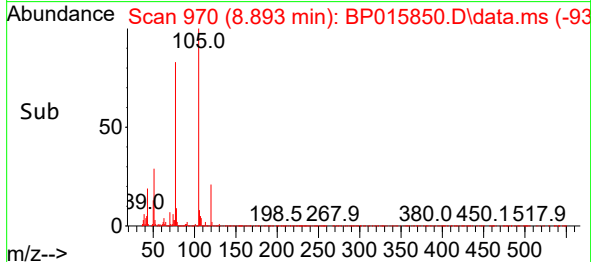
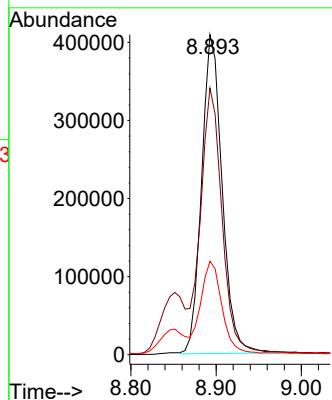
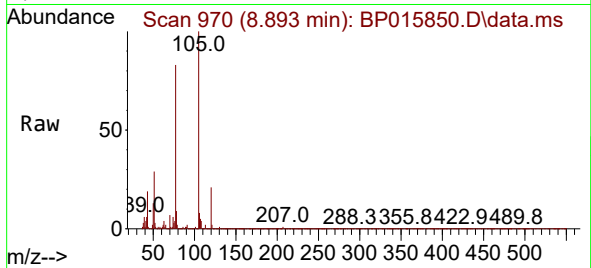




#16
Acetophenone
Concen: 20.364 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

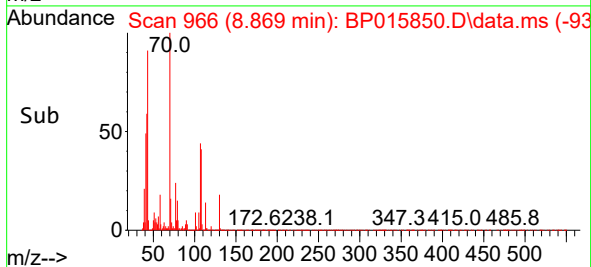
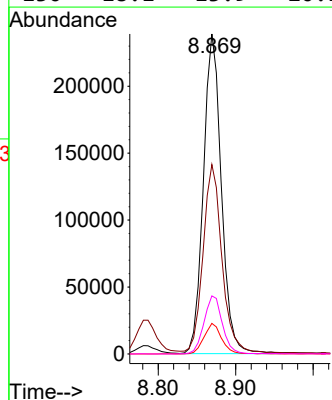
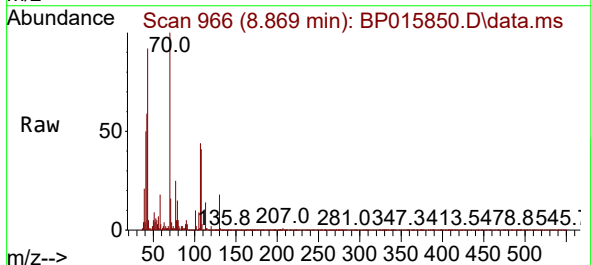
Instrument :
BNA_P
ClientSampleId :

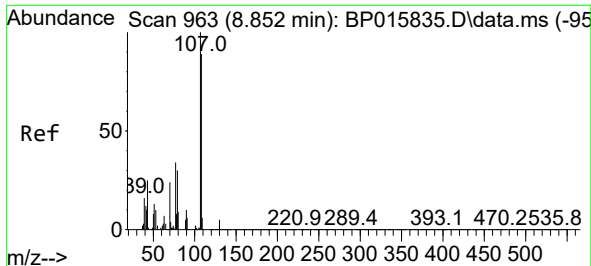
Tgt Ion:105 Resp: 683777
Ion Ratio Lower Upper
105 100
77 83.3 65.0 97.4
51 29.2 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.666 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion: 70 Resp: 385400
Ion Ratio Lower Upper
70 100
42 59.2 48.2 72.2
101 9.5 7.6 11.4
130 18.1 13.9 20.9

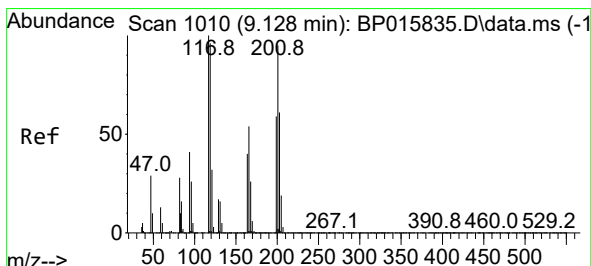
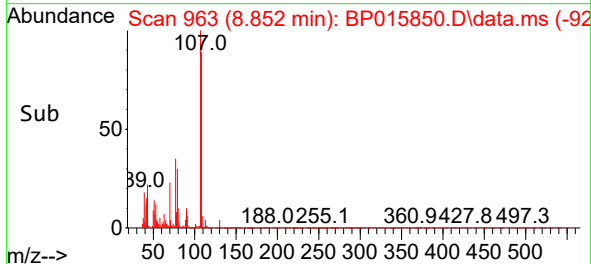
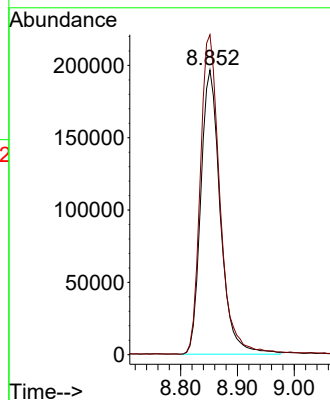
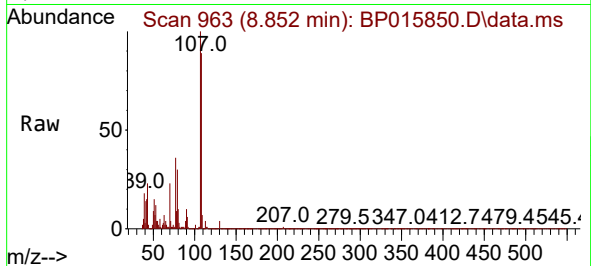




#18
4-Methylphenol
Concen: 21.519 ng/ul
RT: 8.852 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

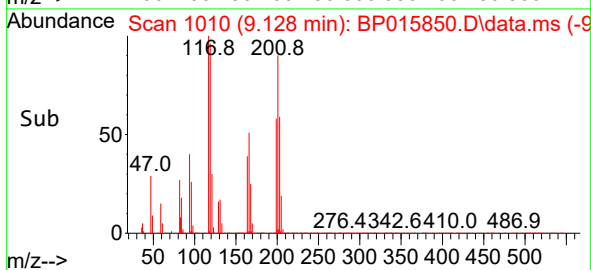
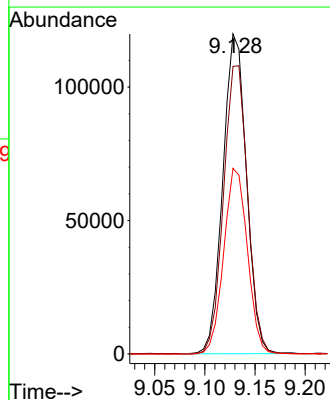
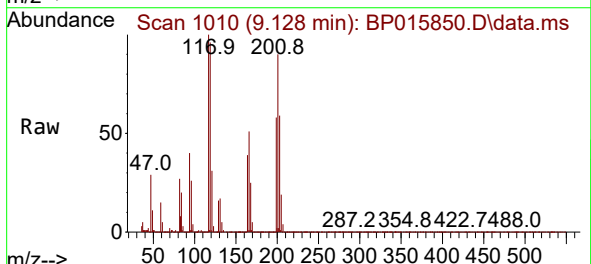
Instrument :
BNA_P
ClientSampleId :

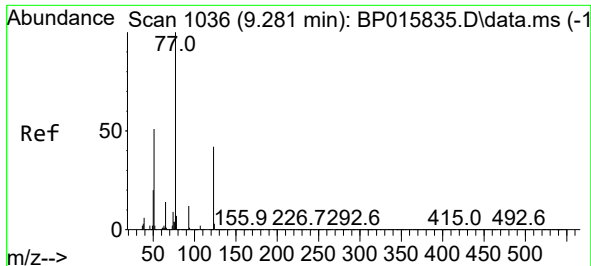
Tgt Ion:108 Resp: 468405
Ion Ratio Lower Upper
108 100
107 112.4 91.3 136.9



#19
Hexachloroethane
Concen: 20.479 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:117 Resp: 196139
Ion Ratio Lower Upper
117 100
201 89.8 84.2 126.2
199 58.0 51.8 77.8

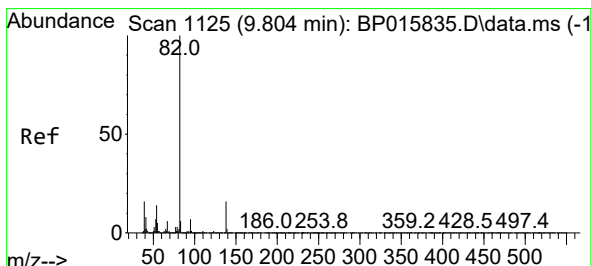
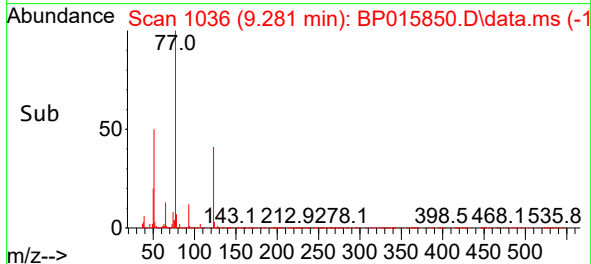
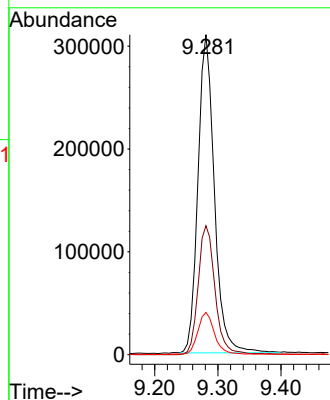
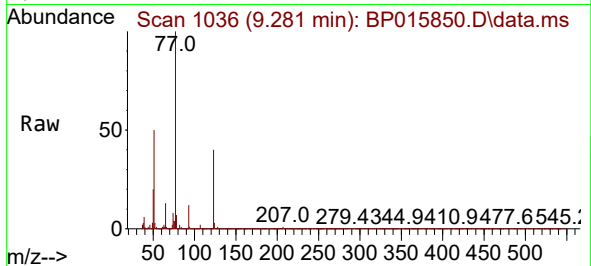




#22
Nitrobenzene
Concen: 21.822 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

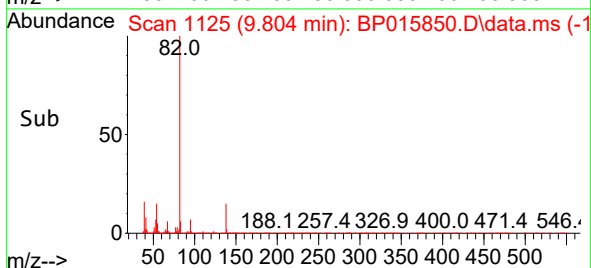
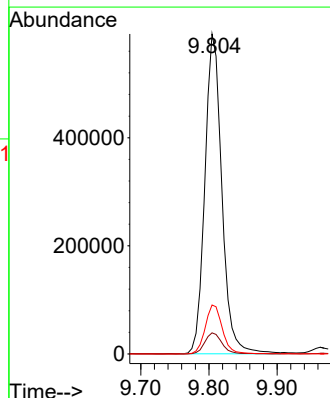
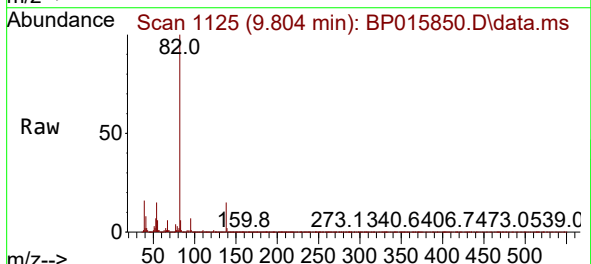
Instrument :
BNA_P
ClientSampleId :

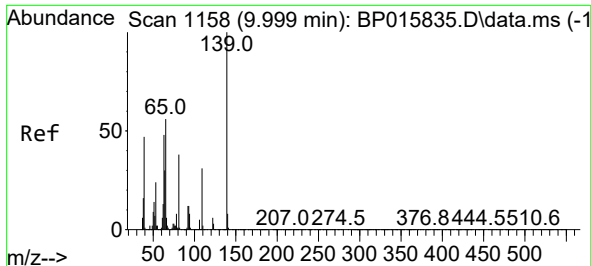
Tgt Ion: 77 Resp: 558396
Ion Ratio Lower Upper
77 100
123 40.3 31.0 46.4
65 13.2 11.3 16.9



#23
Isophorone
Concen: 20.986 ng/ul
RT: 9.804 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion: 82 Resp: 1027626
Ion Ratio Lower Upper
82 100
95 6.6 6.3 9.5
138 15.3 12.3 18.5

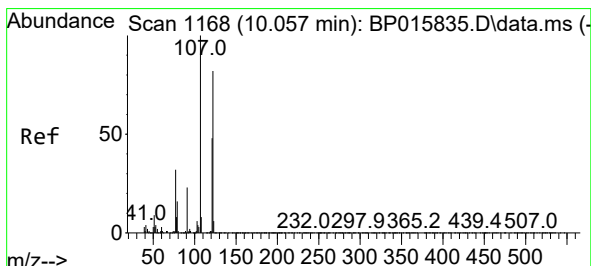
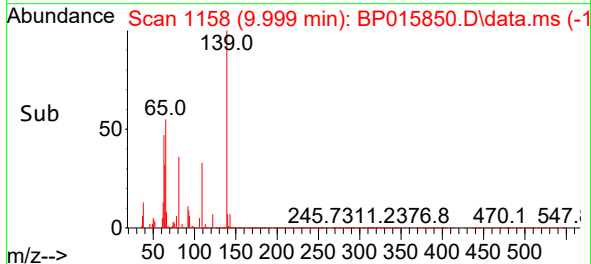
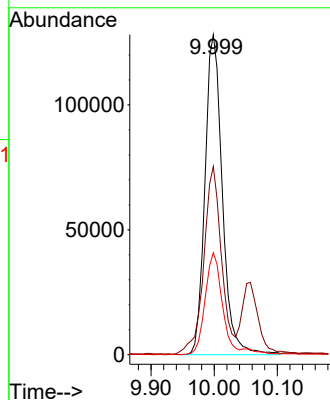
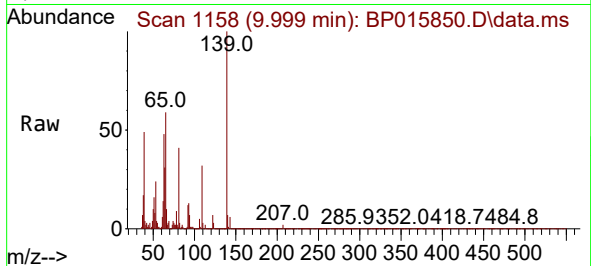




#25
2-Nitrophenol
Concen: 21.710 ng/ul
RT: 9.999 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

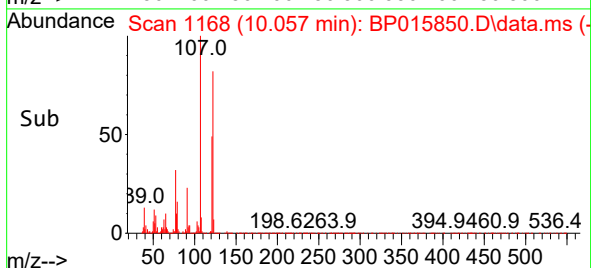
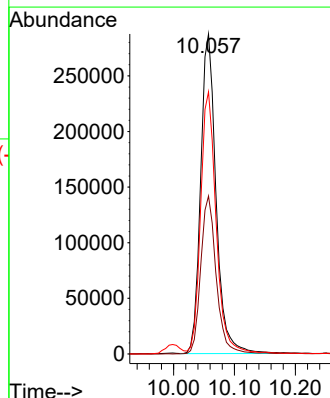
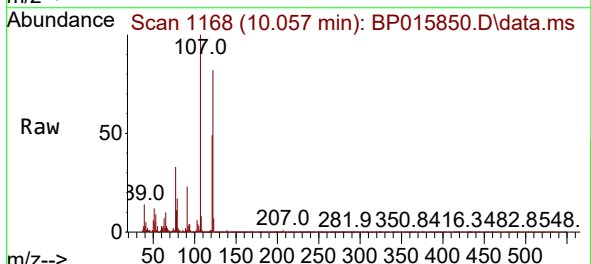
Instrument :
BNA_P
ClientSampleId :

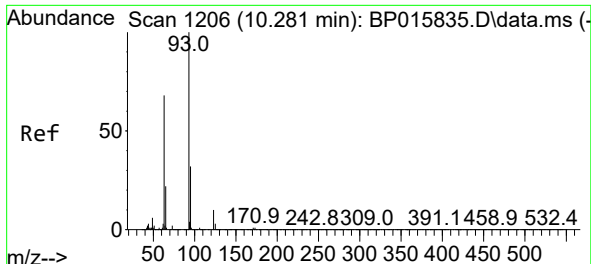
Tgt Ion:139 Resp: 245031
Ion Ratio Lower Upper
139 100
65 58.8 50.2 75.2
109 31.8 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 20.334 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

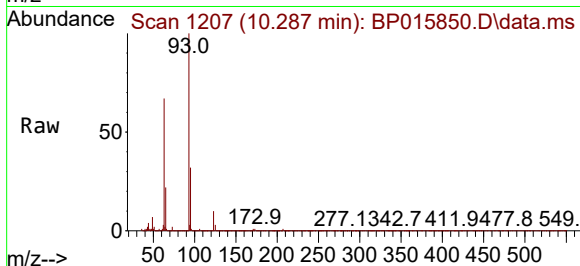
Tgt Ion:107 Resp: 504524
Ion Ratio Lower Upper
107 100
121 49.3 38.2 57.2
122 81.9 62.1 93.1



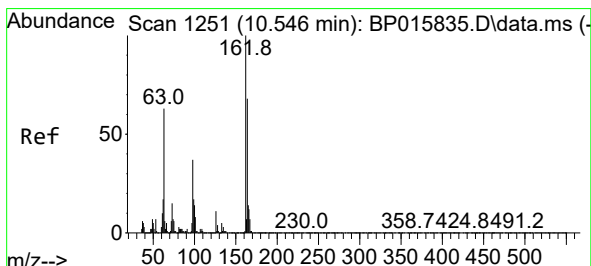
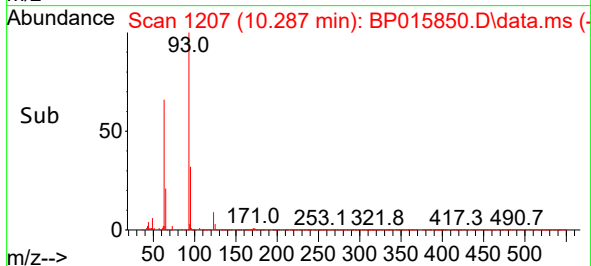
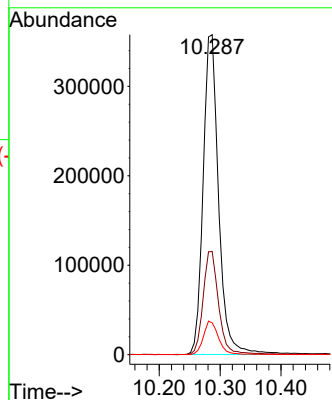


#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.812 ng/ul
 RT: 10.287 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Instrument :
 BNA_P
 ClientSampleId :

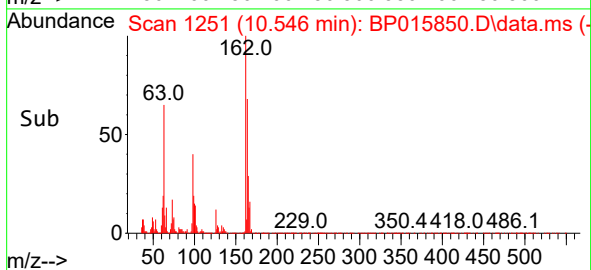
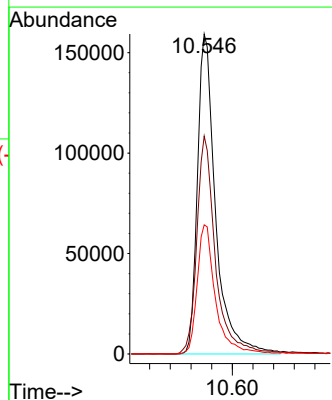
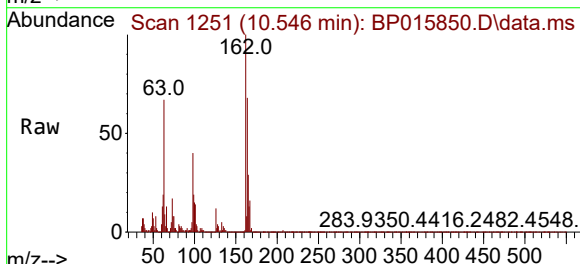


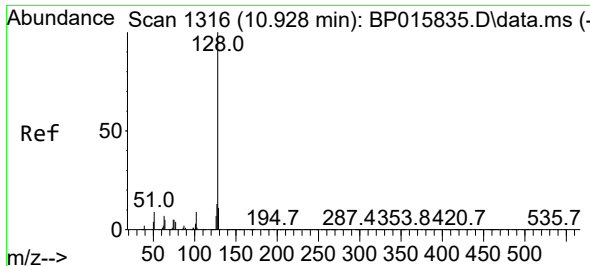
Tgt Ion: 93 Resp: 630606
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 39.8
 123 10.0 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 20.636 ng/ul
 RT: 10.546 min Scan# 1251
 Delta R.T. 0.000 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Tgt Ion:162 Resp: 388815
 Ion Ratio Lower Upper
 162 100
 164 68.1 53.0 79.6
 98 40.3 31.3 46.9

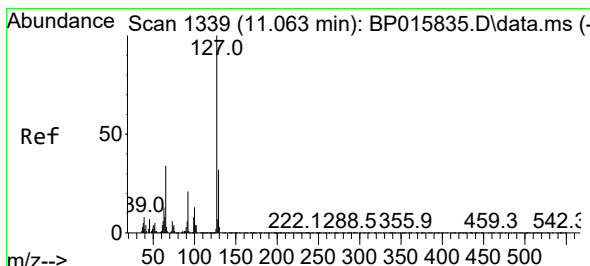
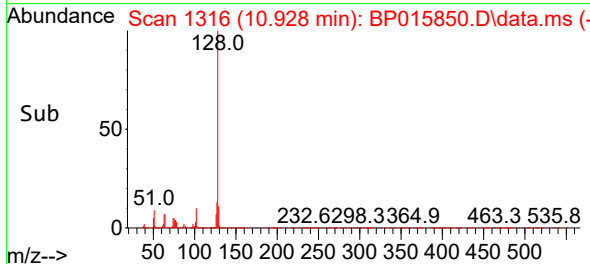
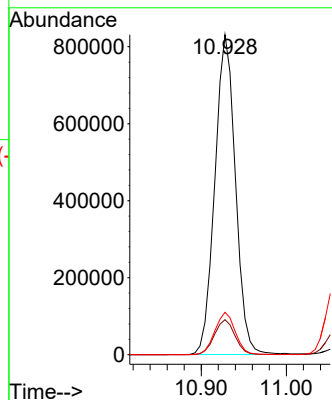
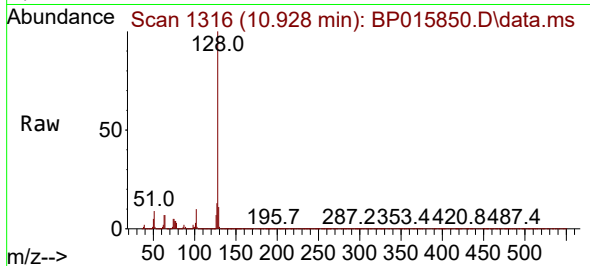




#30
Naphthalene
Concen: 21.555 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

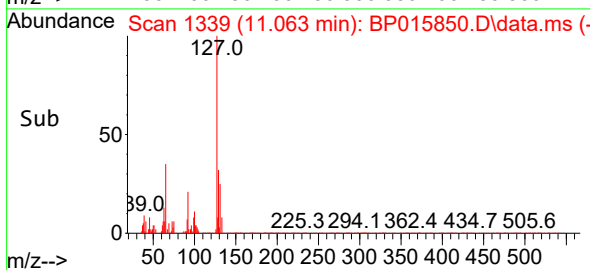
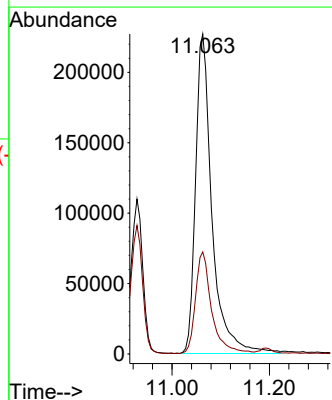
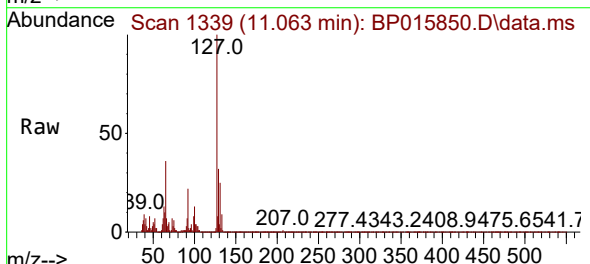
Instrument :
BNA_P
ClientSampleId :

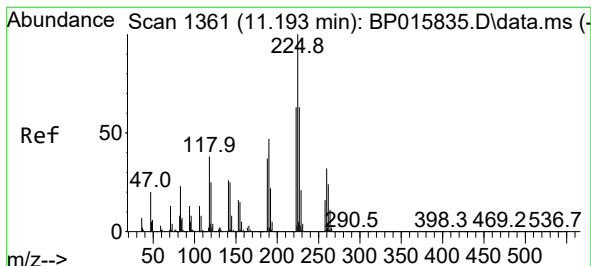
Tgt Ion:128 Resp: 1397109
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 21.082 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:127 Resp: 533244
Ion Ratio Lower Upper
127 100
129 31.9 24.7 37.1





#33

Hexachlorobutadiene

Concen: 18.017 ng/ul

RT: 11.193 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

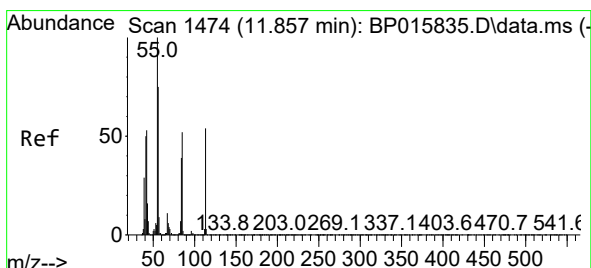
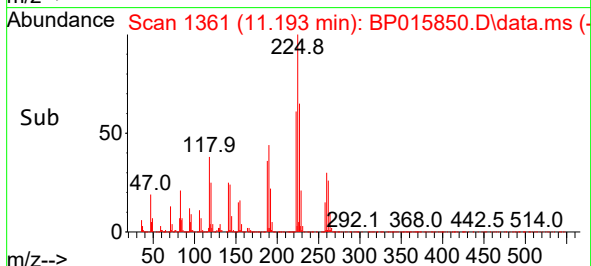
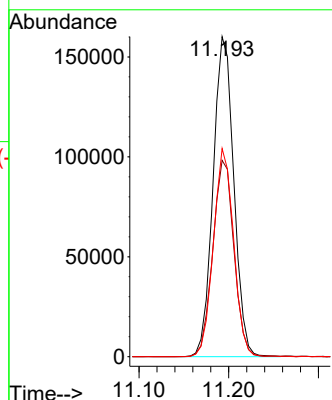
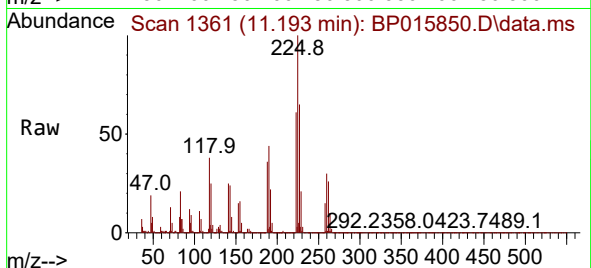
Tgt Ion:225 Resp: 256354

Ion Ratio Lower Upper

225 100

223 61.4 50.4 75.6

227 65.0 51.0 76.4



#34

Caprolactam

Concen: 20.072 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

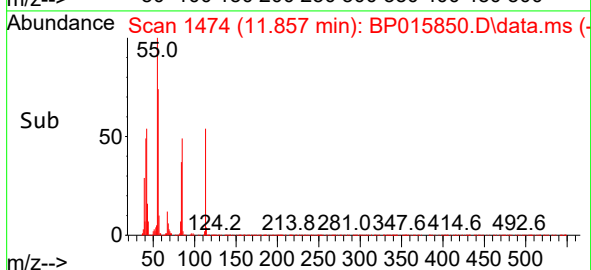
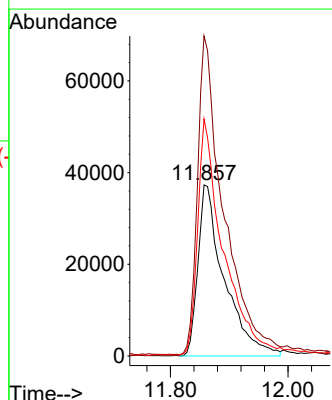
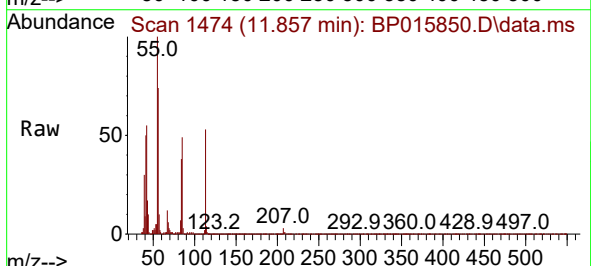
Tgt Ion:113 Resp: 115681

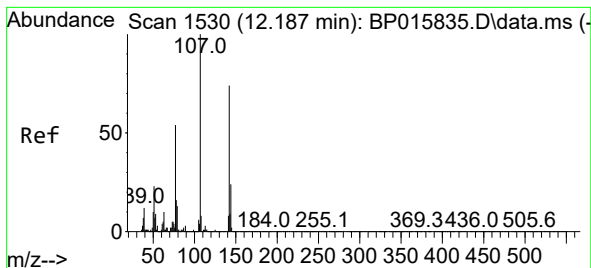
Ion Ratio Lower Upper

113 100

55 187.0 142.8 214.2

56 138.5 116.9 175.3

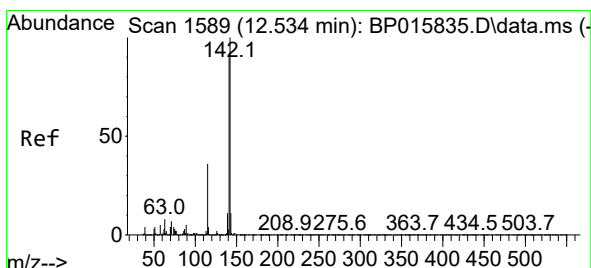
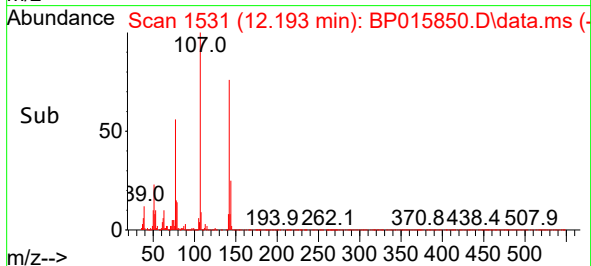
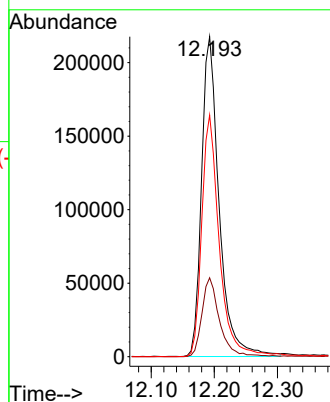
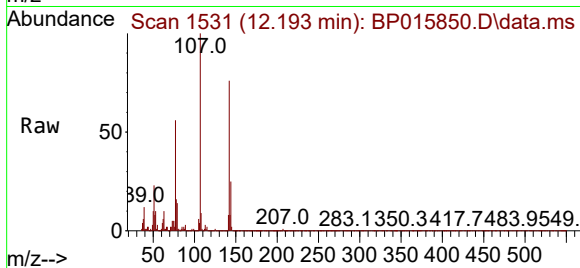




#35
4-Chloro-3-methylphenol
Concen: 19.080 ng/ul
RT: 12.193 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

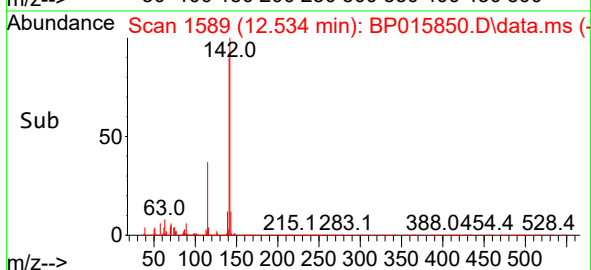
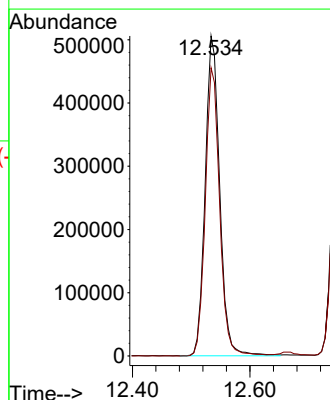
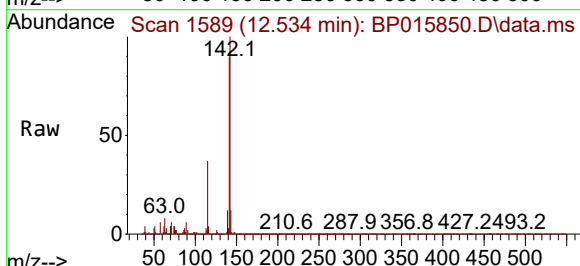
Instrument :
BNA_P
ClientSampleId :

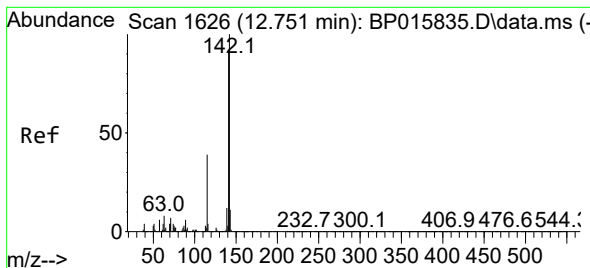
Tgt Ion:107 Resp: 420787
Ion Ratio Lower Upper
107 100
144 24.7 18.4 27.6
142 75.5 58.6 87.8



#36
2-Methylnaphthalene
Concen: 20.312 ng/ul
RT: 12.534 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:142 Resp: 866689
Ion Ratio Lower Upper
142 100
141 90.0 73.2 109.8





#37

1-Methylnaphthalene

Concen: 19.806 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

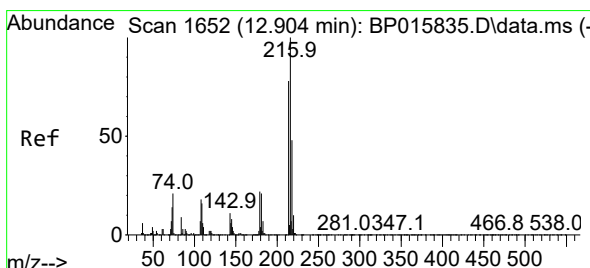
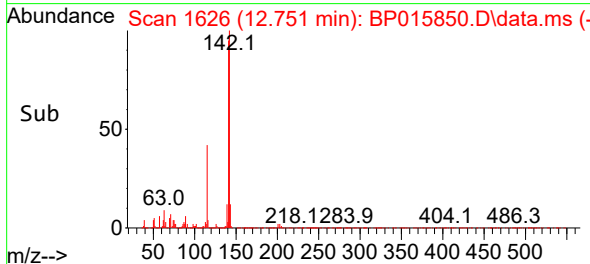
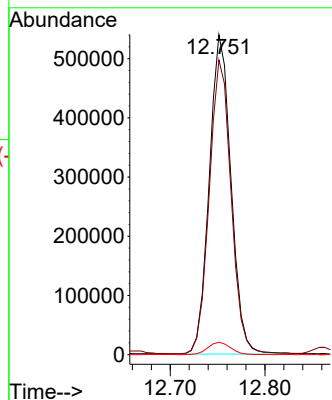
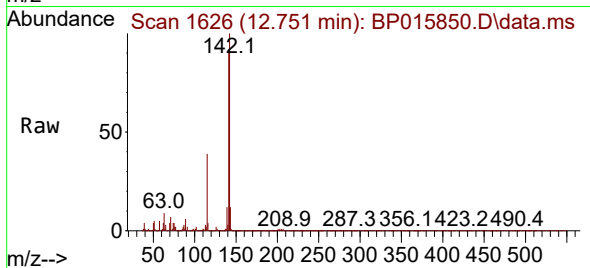
Tgt Ion:142 Resp: 862103

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7

116 3.9 4.0 6.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.519 ng/ul

RT: 12.904 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Tgt Ion:216 Resp: 443149

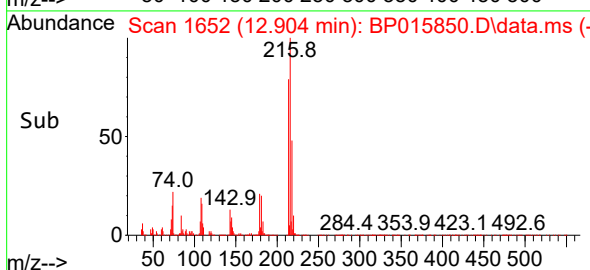
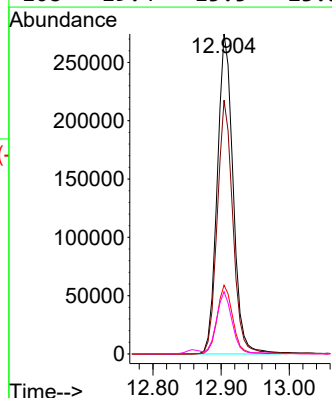
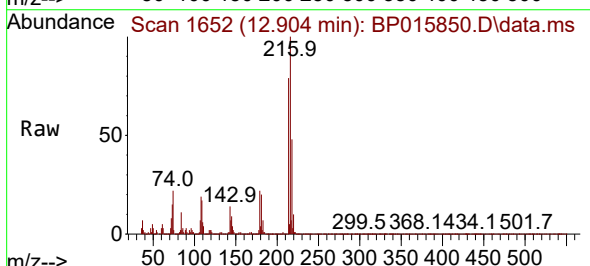
Ion Ratio Lower Upper

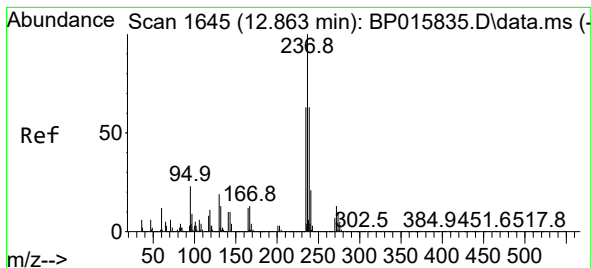
216 100

214 79.3 62.4 93.6

179 21.5 17.6 26.4

108 19.4 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 22.006 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

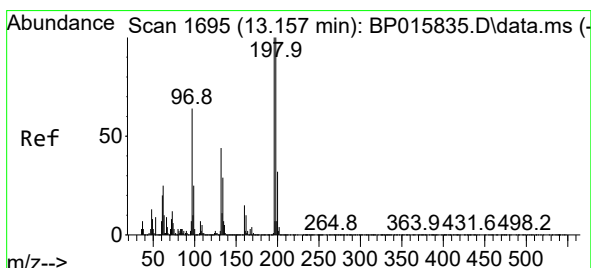
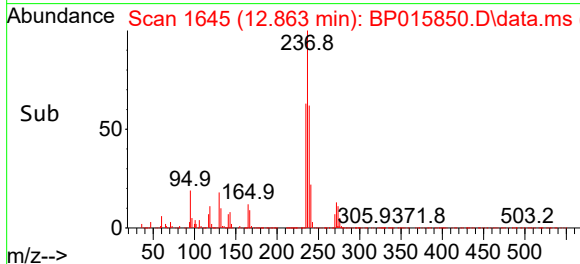
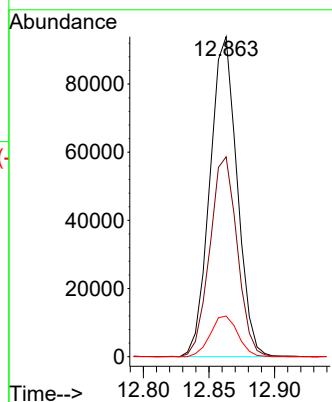
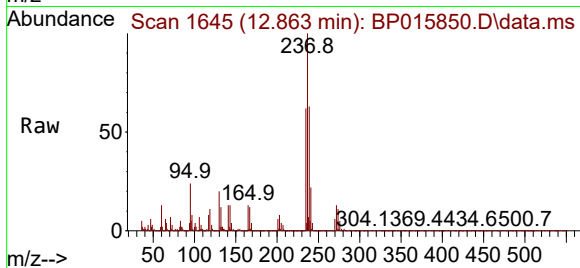
Tgt Ion:237 Resp: 135577

Ion Ratio Lower Upper

237 100

235 62.5 48.6 73.0

272 12.7 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 21.163 ng/ul

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

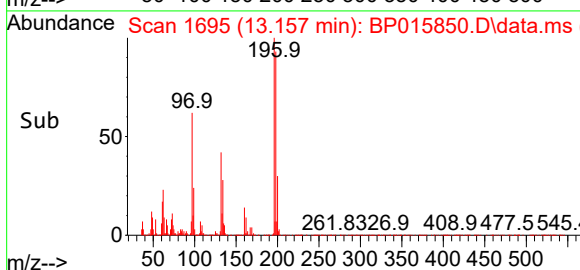
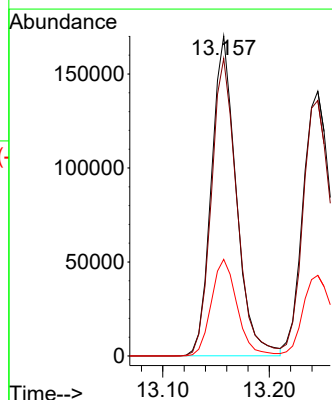
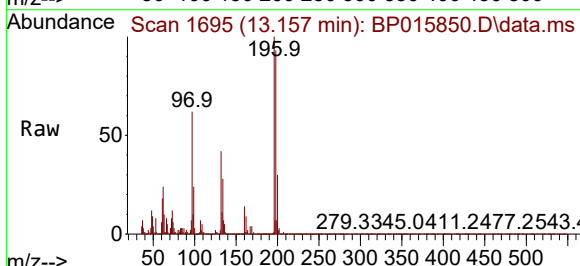
Tgt Ion:196 Resp: 275429

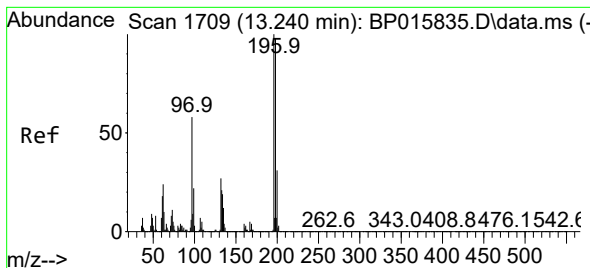
Ion Ratio Lower Upper

196 100

198 92.9 75.4 113.2

200 30.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 20.308 ng/ul

RT: 13.245 min Scan# 1709

Delta R.T. 0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

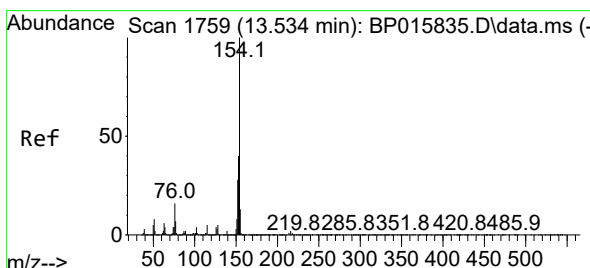
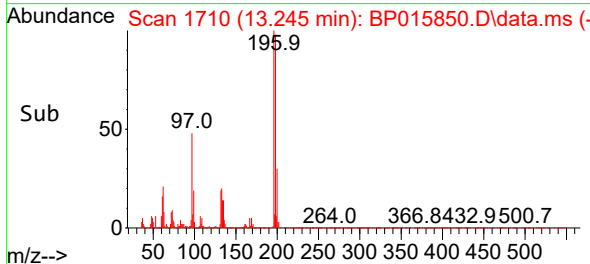
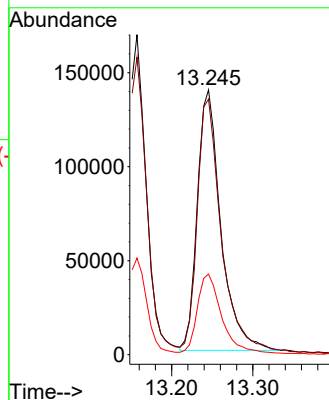
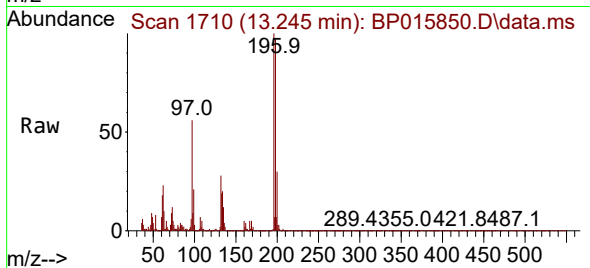
Tgt Ion:196 Resp: 280339

Ion Ratio Lower Upper

196 100

198 96.5 74.9 112.3

200 30.5 24.3 36.5



#43

1,1'-Biphenyl

Concen: 22.333 ng/ul

RT: 13.534 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

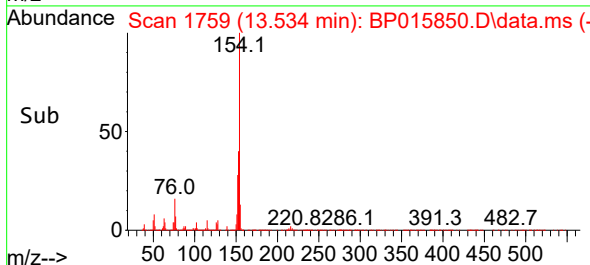
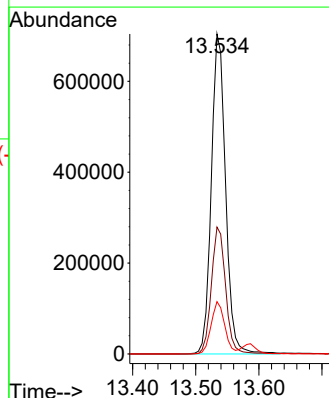
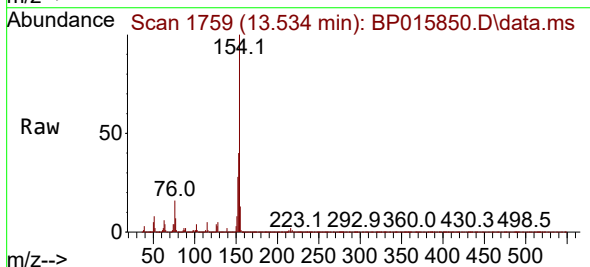
Tgt Ion:154 Resp: 1105440

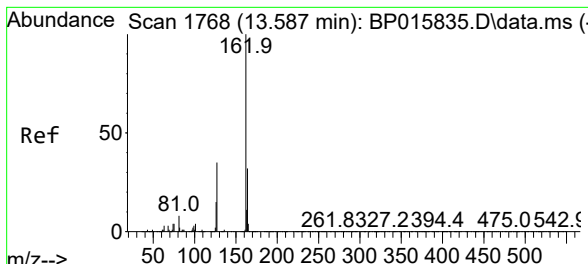
Ion Ratio Lower Upper

154 100

153 39.7 32.8 49.2

76 16.3 10.7 16.1#



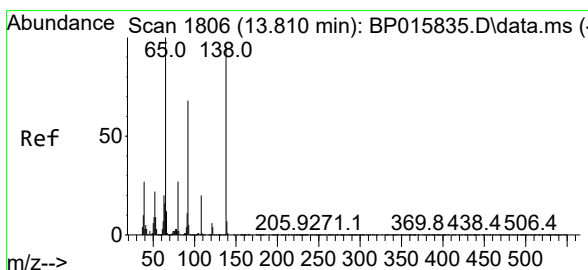
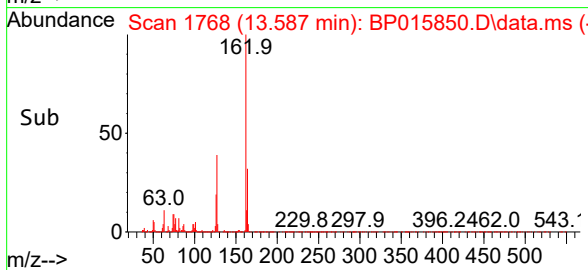
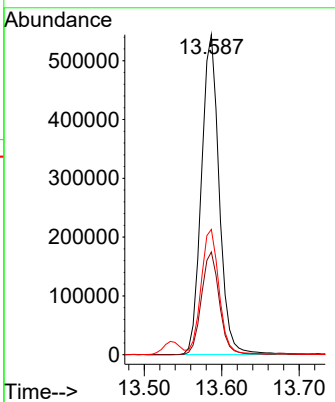
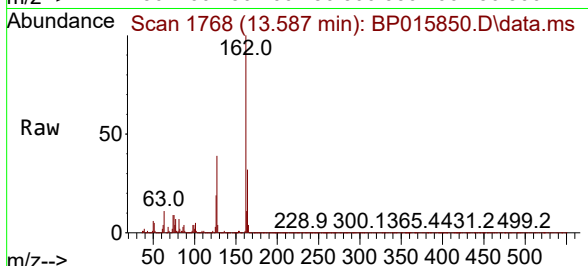


#44
 2-Chloronaphthalene
 Concen: 22.199 ng/ul
 RT: 13.587 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:162 Resp: 865610

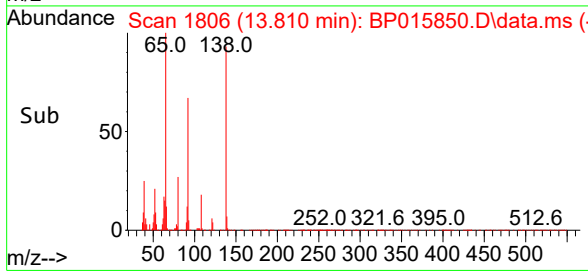
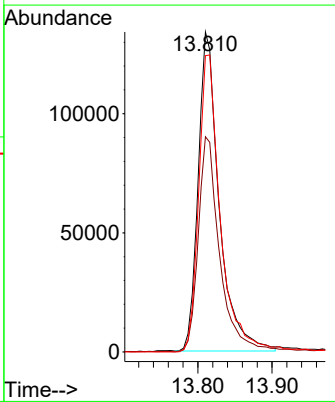
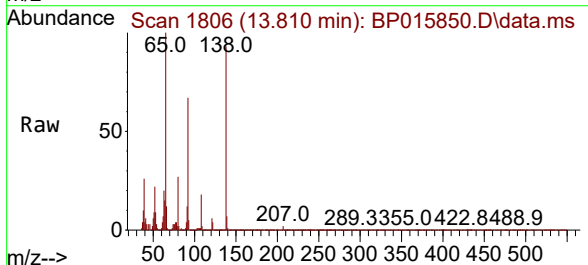
Ion	Ratio	Lower	Upper
162	100		
164	32.1	26.1	39.1
127	39.1	33.4	50.0

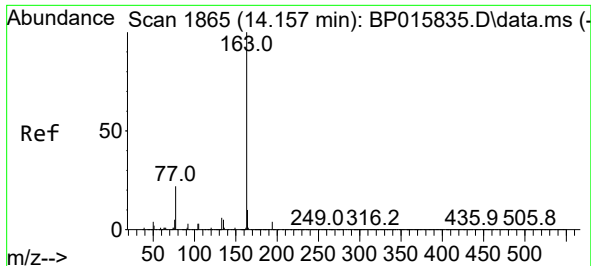


#45
 2-Nitroaniline
 Concen: 21.534 ng/ul
 RT: 13.810 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BP015850.D
 Acq: 30 Jun 2023 18:31

Tgt Ion: 65 Resp: 264213

Ion	Ratio	Lower	Upper
65	100		
92	67.2	49.5	74.3
138	92.6	71.4	107.2

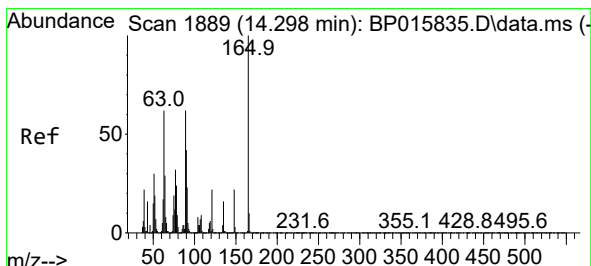
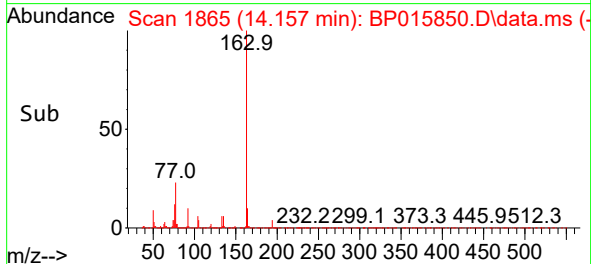
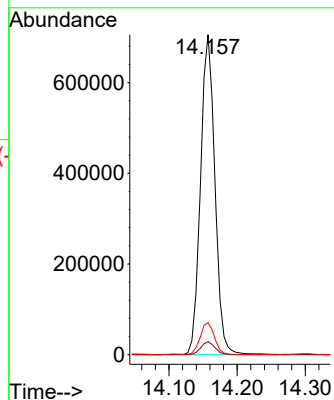
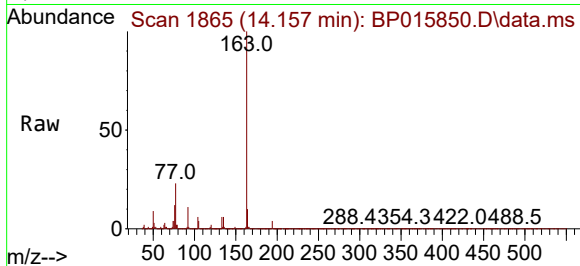




#47
Dimethylphthalate
Concen: 20.635 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

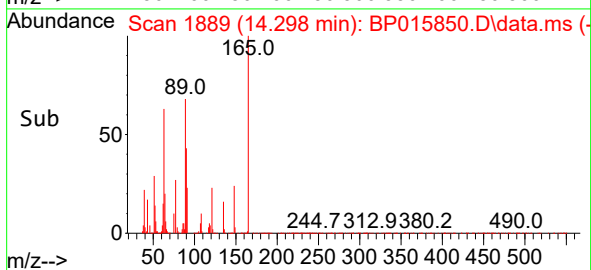
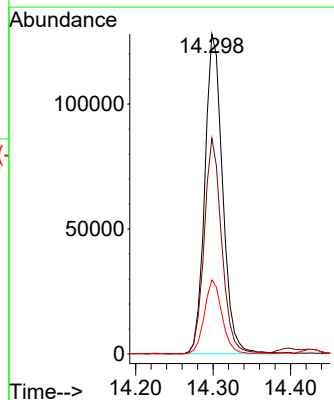
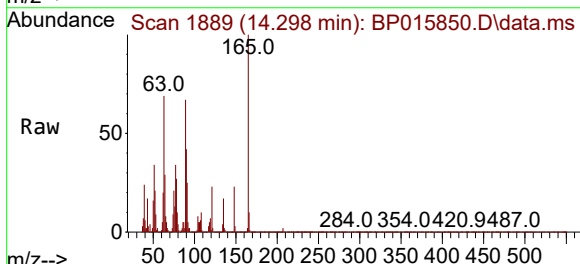
Instrument :
BNA_P
ClientSampleId :

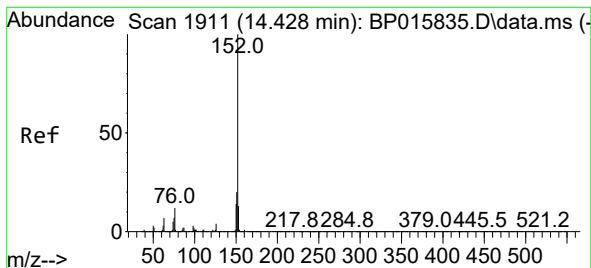
Tgt Ion:163 Resp: 1031532
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 20.068 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:165 Resp: 203493
Ion Ratio Lower Upper
165 100
89 67.5 54.1 81.1
121 23.2 18.2 27.2





#50

Acenaphthylene

Concen: 22.050 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

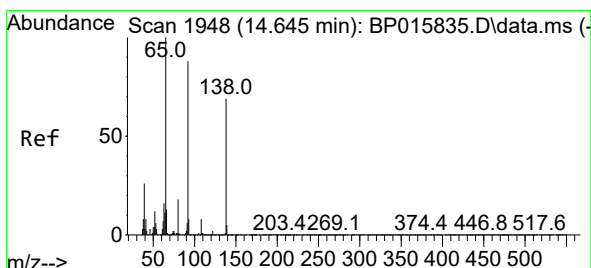
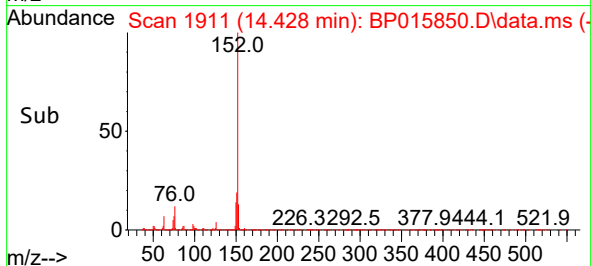
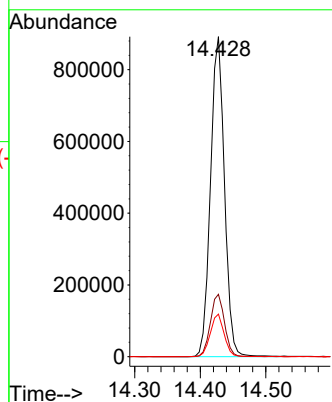
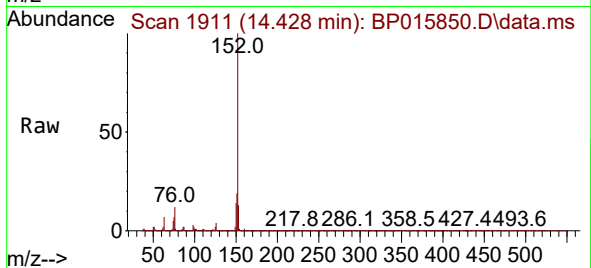
Tgt Ion:152 Resp: 1319265

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

153 13.3 10.5 15.7



#51

3-Nitroaniline

Concen: 22.143 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

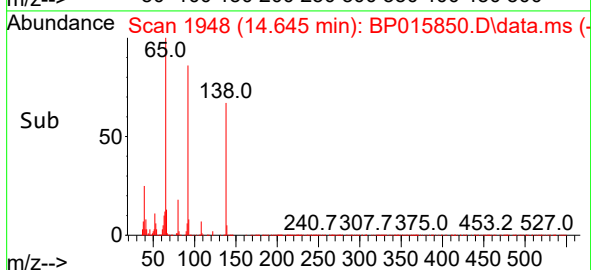
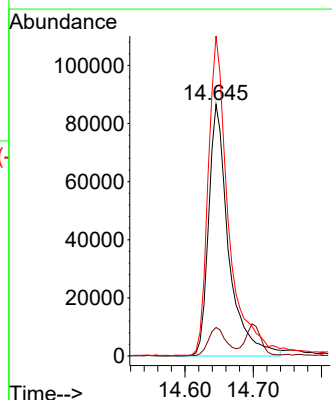
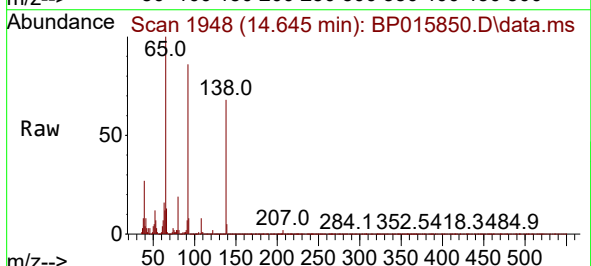
Tgt Ion:138 Resp: 176075

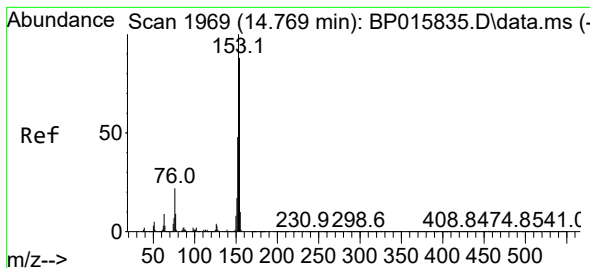
Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 127.2 96.8 145.2





#52

Acenaphthene

Concen: 21.866 ng/ul

RT: 14.763 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNP_P

ClientSampleId :

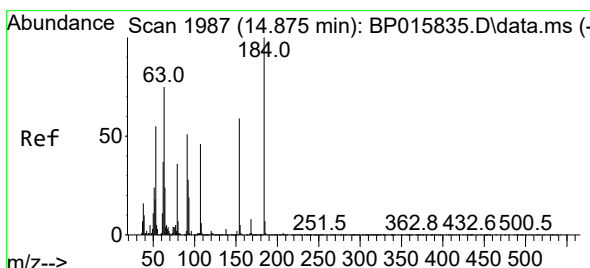
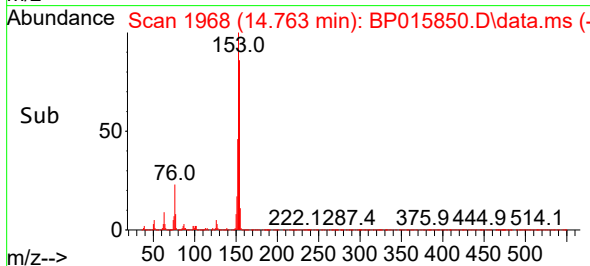
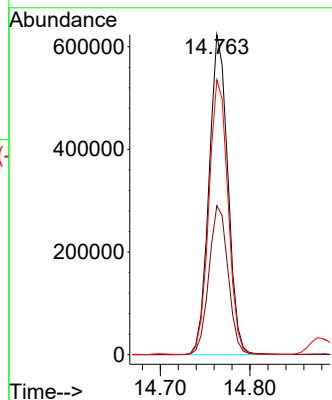
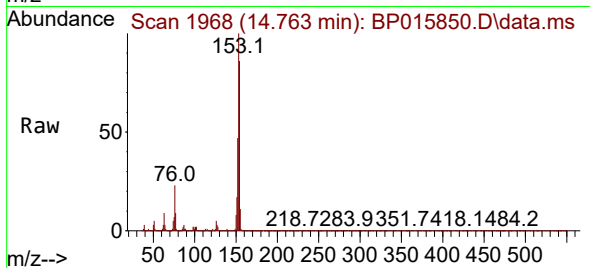
Tgt Ion:153 Resp: 907191

Ion Ratio Lower Upper

153 100

152 46.5 39.4 59.2

154 85.9 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 20.080 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

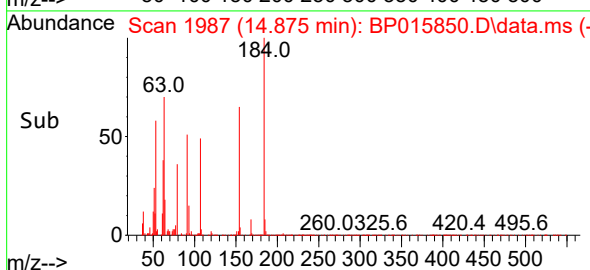
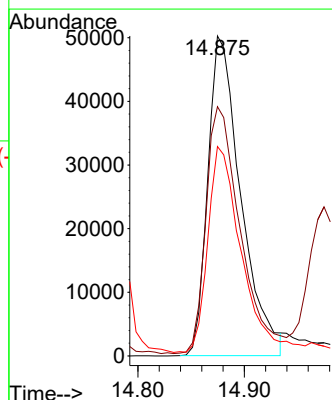
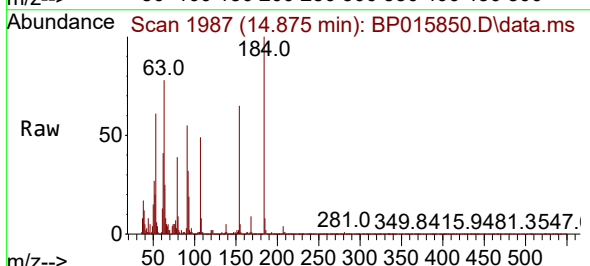
Tgt Ion:184 Resp: 108024

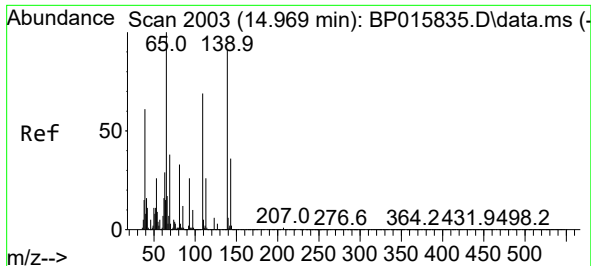
Ion Ratio Lower Upper

184 100

63 77.9 71.4 107.0

154 65.4 61.1 91.7

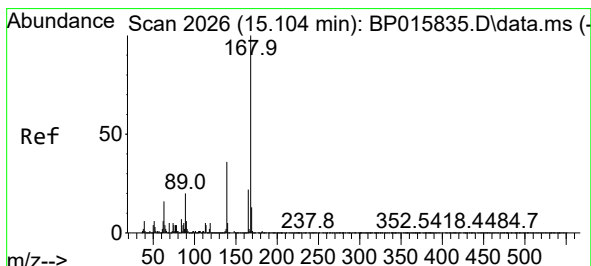
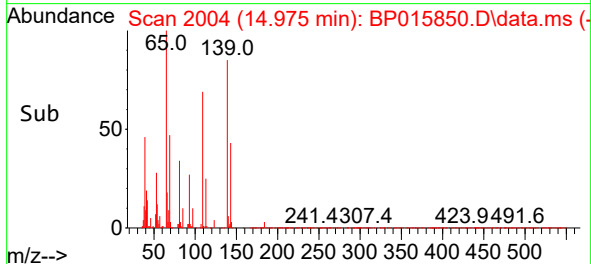
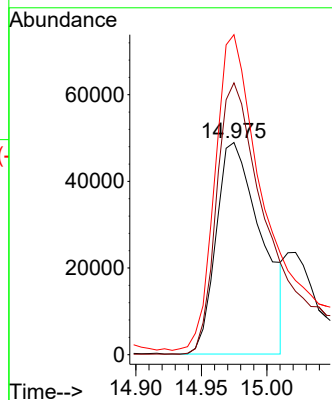
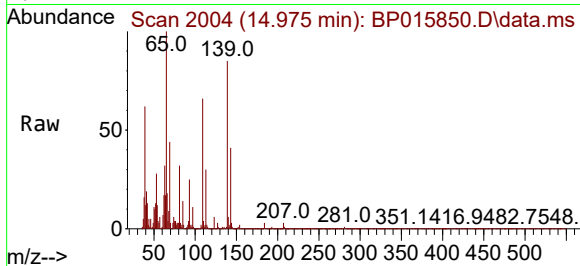




#55
4-Nitrophenol
Concen: 17.733 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

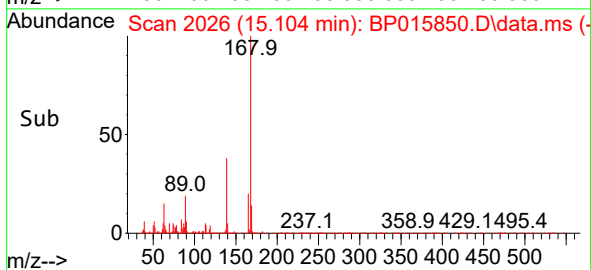
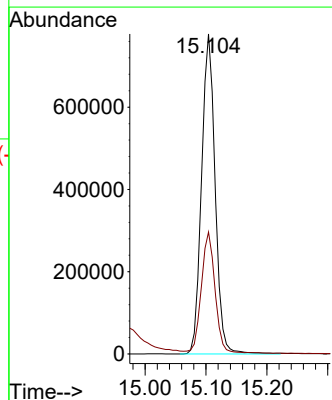
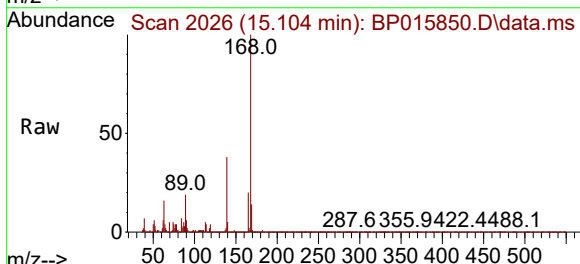
Instrument :
BNA_P
ClientSampleId :

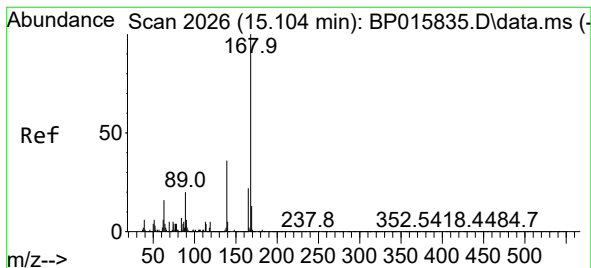
Tgt Ion:109 Resp: 117133
Ion Ratio Lower Upper
109 100
139 128.2 81.3 121.9#
65 150.9 99.9 149.9#



#56
Dibenzofuran
Concen: 20.952 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:168 Resp: 1206727
Ion Ratio Lower Upper
168 100
139 38.1 32.2 48.4

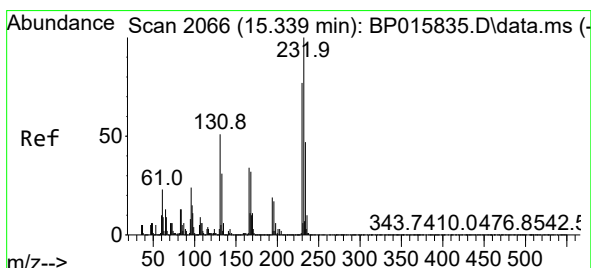
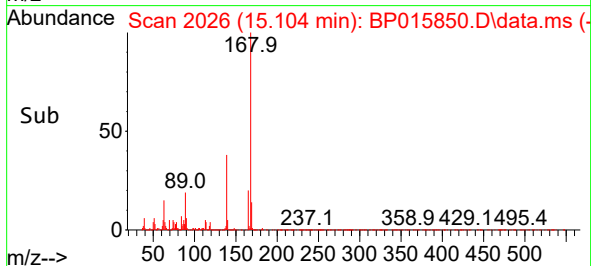
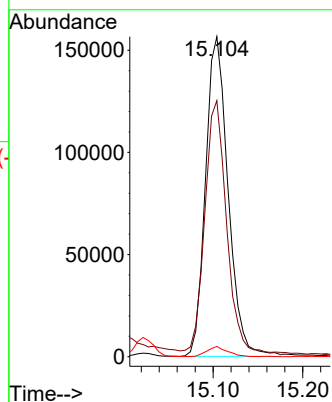
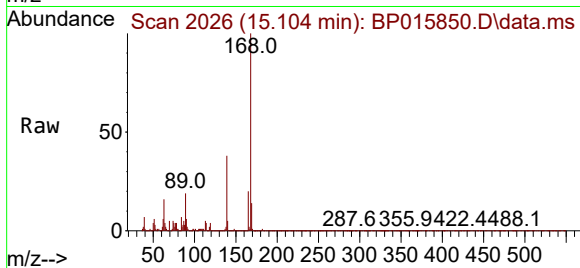




#57
2,4-Dinitrotoluene
Concen: 19.807 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

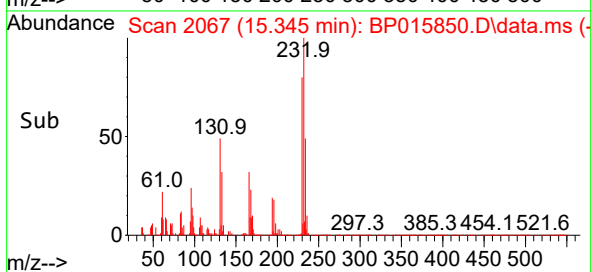
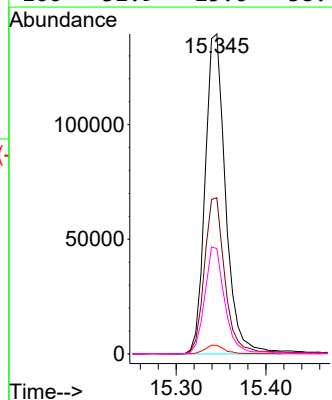
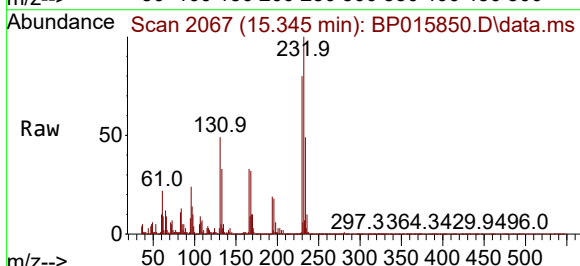
Instrument :
BNA_P
ClientSampleId :

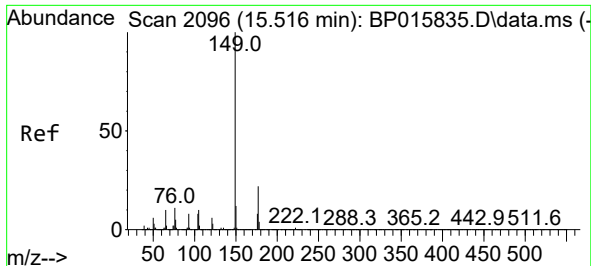
Tgt Ion:165 Resp: 273701
Ion Ratio Lower Upper
165 100
63 80.0 56.8 85.2
182 3.2 2.0 3.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.617 ng/ul
RT: 15.345 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:232 Resp: 220752
Ion Ratio Lower Upper
232 100
131 48.8 38.2 57.2
130 2.7 2.2 3.2
166 32.9 25.6 38.4

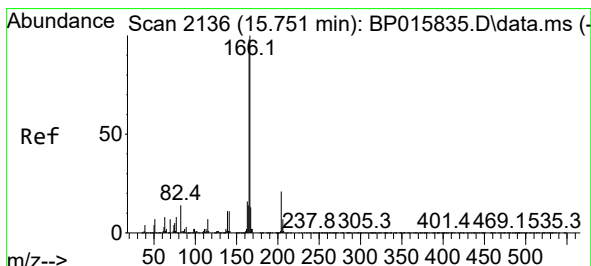
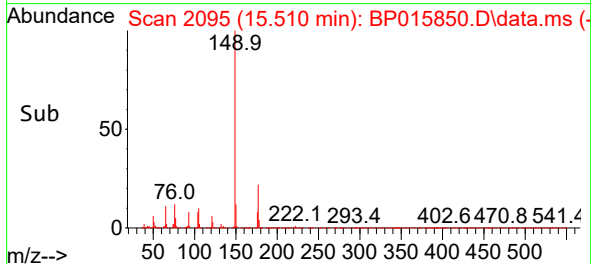
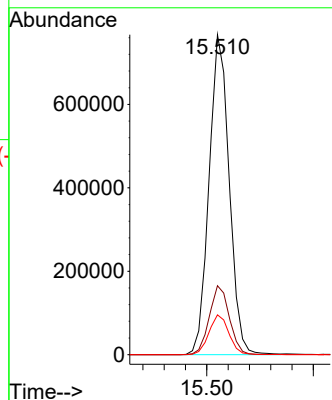
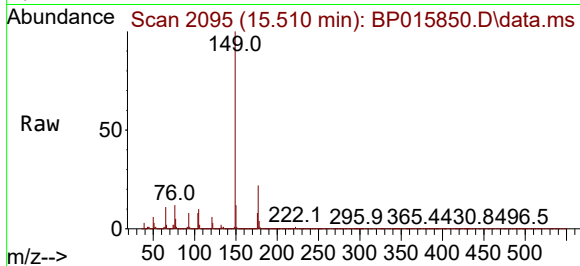




#59
Diethylphthalate
Concen: 19.871 ng/ul
RT: 15.510 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

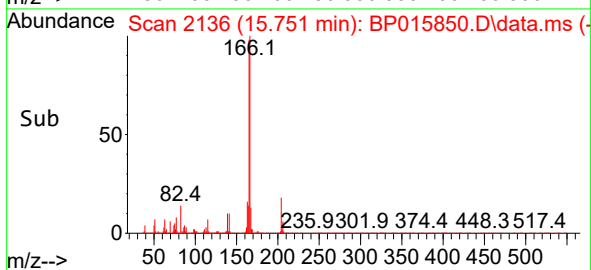
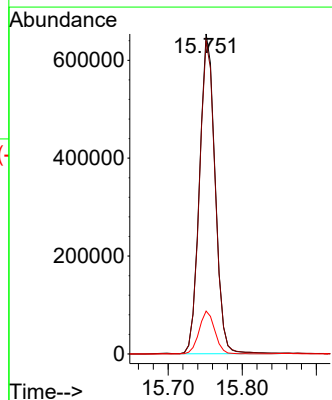
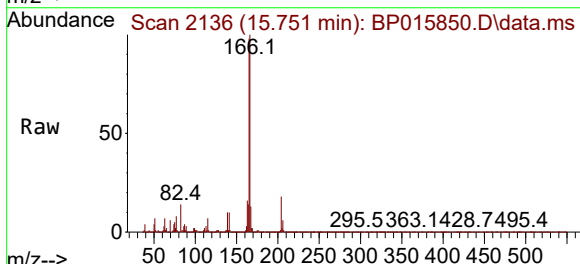
Instrument :
BNA_P
ClientSampleId :

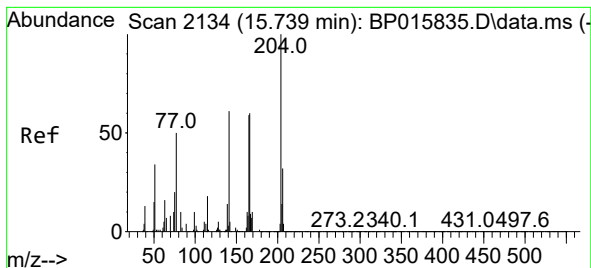
Tgt Ion:149 Resp: 1005199
Ion Ratio Lower Upper
149 100
177 21.6 16.8 25.2
150 12.5 10.3 15.5



#61
Fluorene
Concen: 20.417 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:166 Resp: 953792
Ion Ratio Lower Upper
166 100
165 97.8 78.7 118.1
167 13.4 10.5 15.7

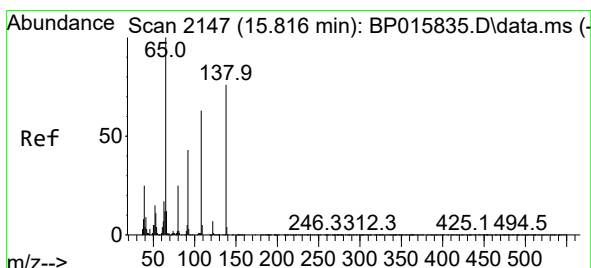
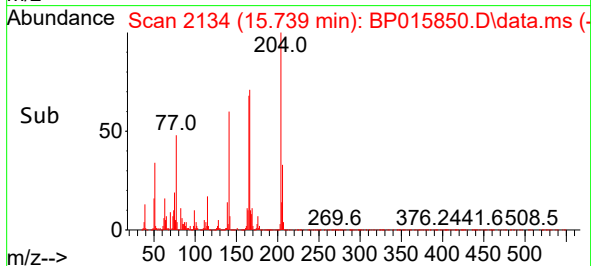
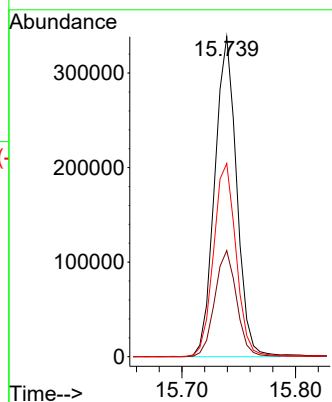
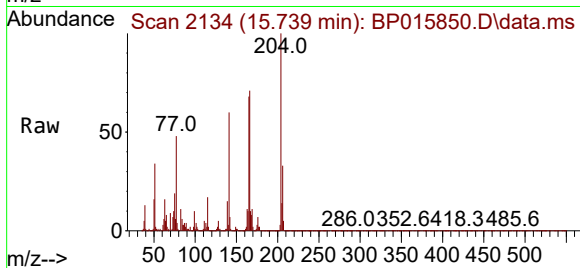




#62
4-Chlorophenyl-phenylether
Concen: 19.000 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

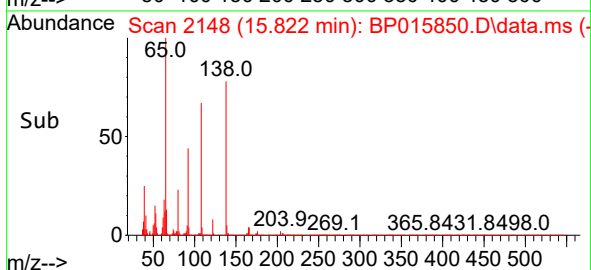
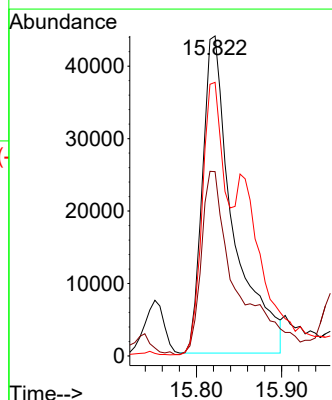
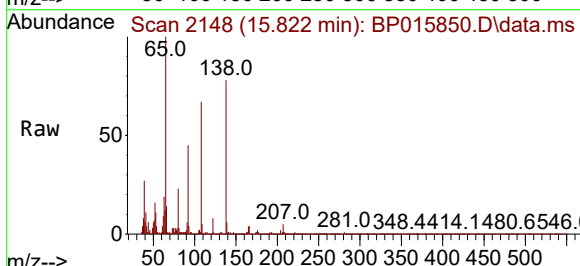
Instrument :
BNA_P
ClientSampleId :

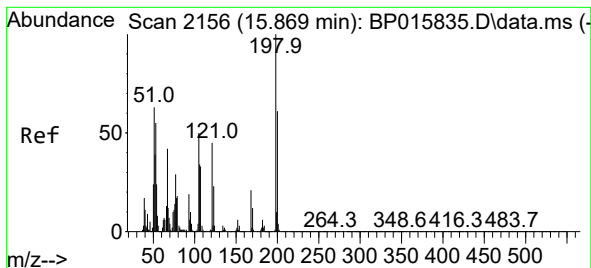
Tgt Ion:204 Resp: 454161
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 60.4 51.8 77.8



#63
4-Nitroaniline
Concen: 20.145 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:138 Resp: 109636
Ion Ratio Lower Upper
138 100
92 57.6 50.1 75.1
108 85.5 85.5 128.3#

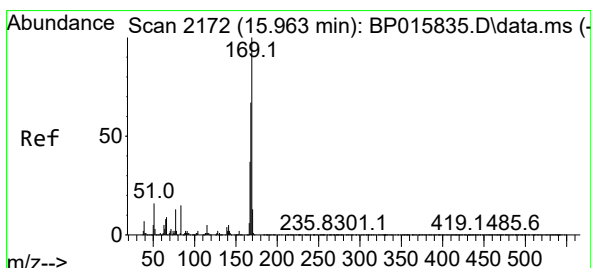
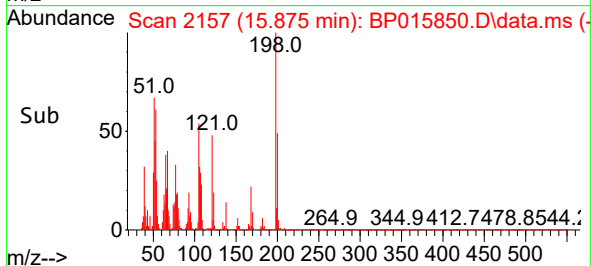
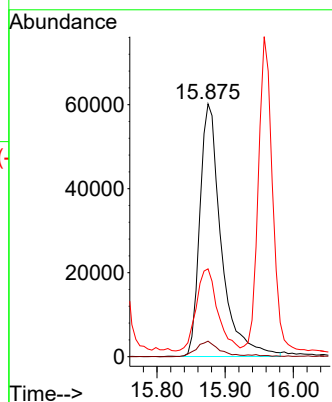
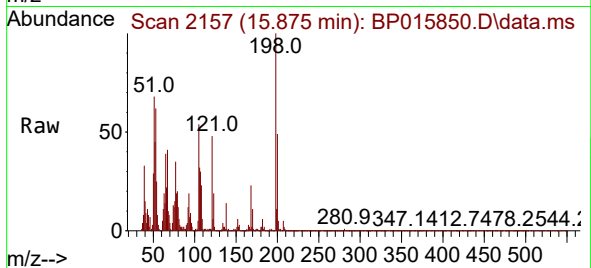




#66
4,6-Dinitro-2-methylphenol
Concen: 18.174 ng/ul
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

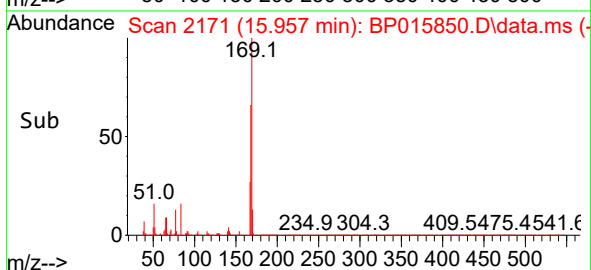
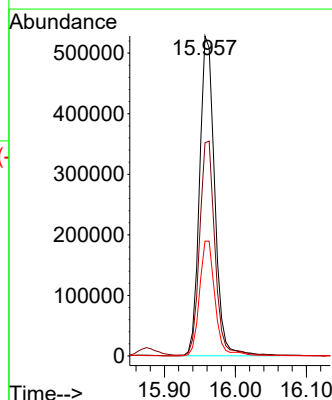
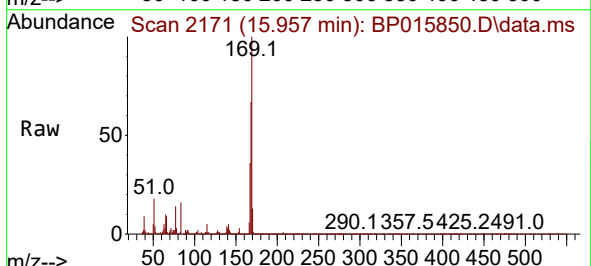
Instrument :
BNA_P
ClientSampleId :

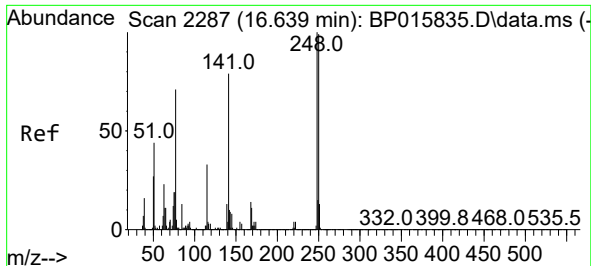
Tgt Ion:198 Resp: 131377
Ion Ratio Lower Upper
198 100
182 6.1 3.4 5.2#
77 34.8 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 22.536 ng/ul
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:169 Resp: 783751
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 35.9 29.7 44.5

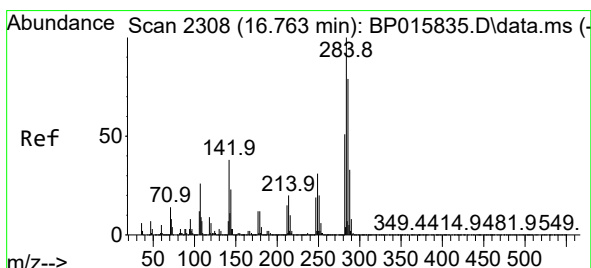
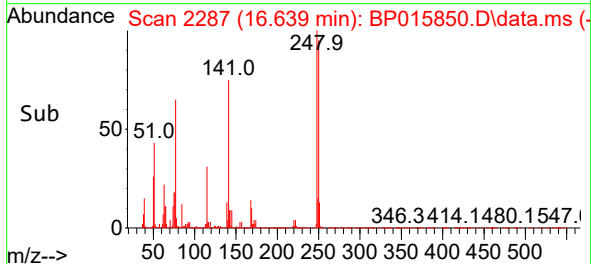
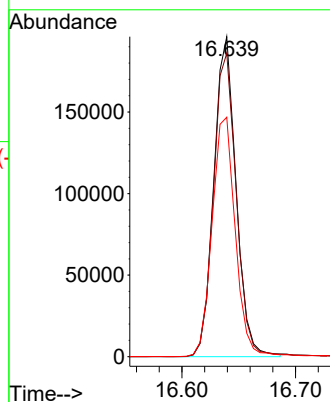
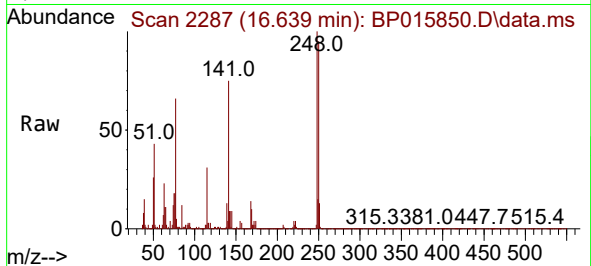




#68
4-Bromophenyl-phenylether
Concen: 20.152 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

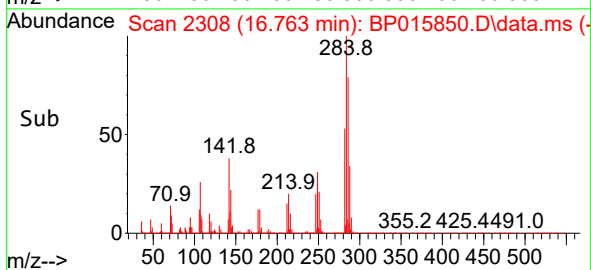
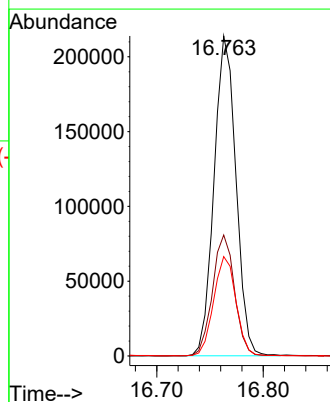
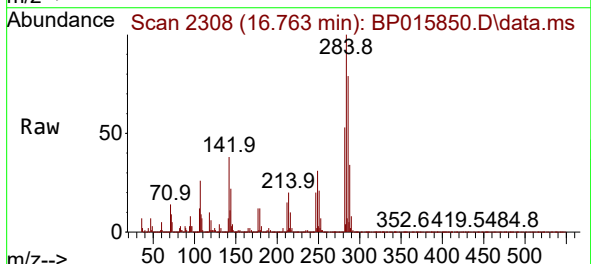
Instrument :
BNA_P
ClientSampleId :

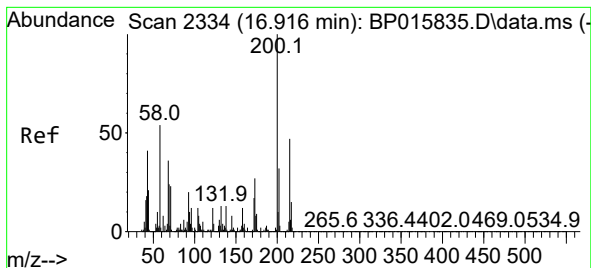
Tgt Ion:248 Resp: 267341
Ion Ratio Lower Upper
248 100
250 94.8 84.6 126.8
141 74.9 67.8 101.6



#69
Hexachlorobenzene
Concen: 19.472 ng/ul
RT: 16.763 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP015850.D
Acq: 30 Jun 2023 18:31

Tgt Ion:284 Resp: 304793
Ion Ratio Lower Upper
284 100
142 37.8 27.8 41.8
249 31.1 26.1 39.1





#70

Atrazine

Concen: 19.930 ng/ul

RT: 16.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

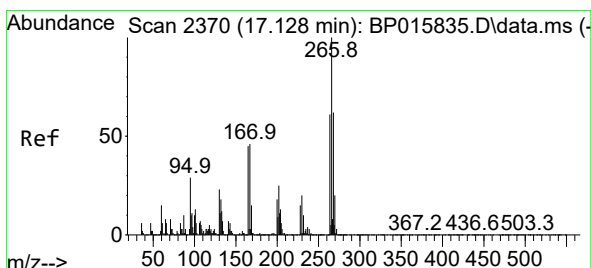
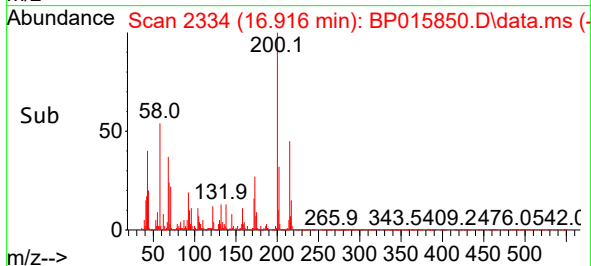
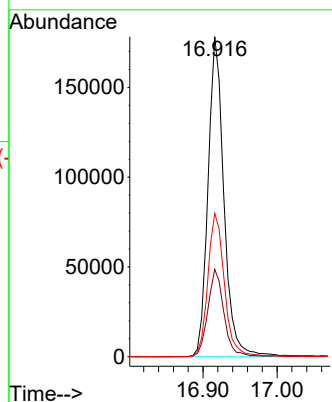
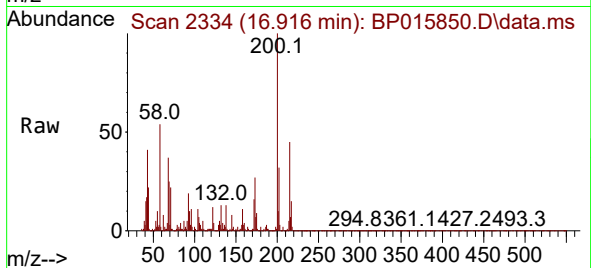
Tgt Ion:200 Resp: 265321

Ion Ratio Lower Upper

200 100

173 27.3 19.8 29.8

215 44.8 36.8 55.2



#71

Pentachlorophenol

Concen: 19.243 ng/ul

RT: 17.128 min Scan# 2370

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

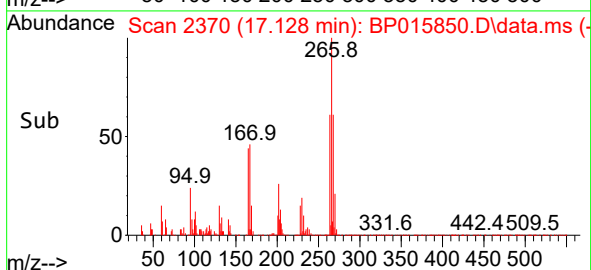
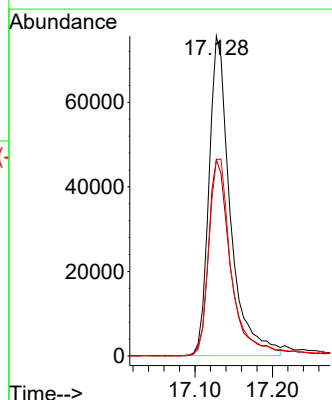
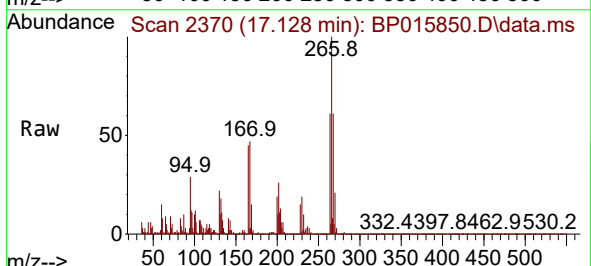
Tgt Ion:266 Resp: 144571

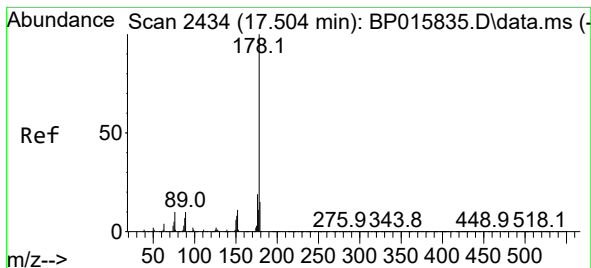
Ion Ratio Lower Upper

266 100

264 61.3 53.4 80.2

268 61.3 51.4 77.2





#72

Phenanthrene

Concen: 21.925 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

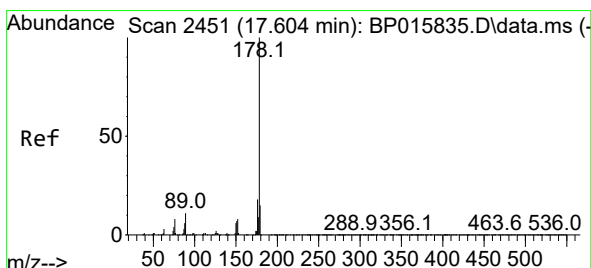
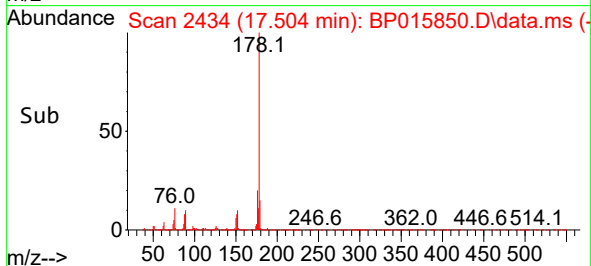
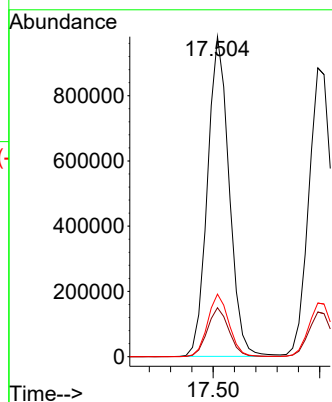
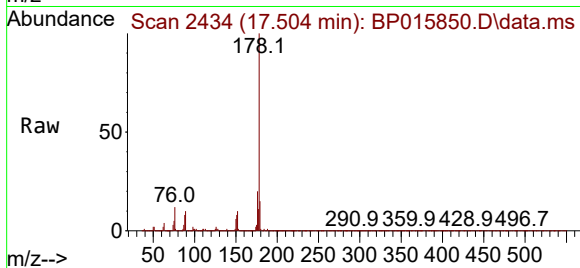
Tgt Ion:178 Resp: 1383737

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 22.133 ng/ul

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

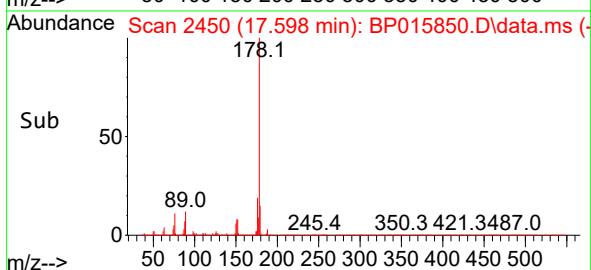
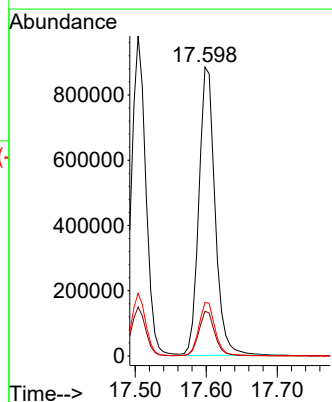
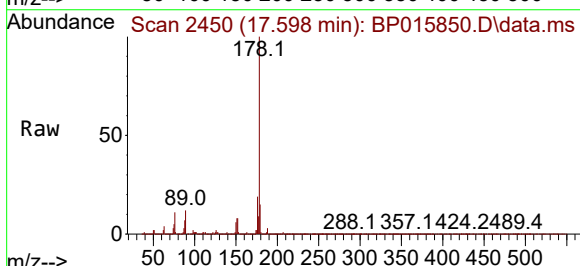
Tgt Ion:178 Resp: 1403570

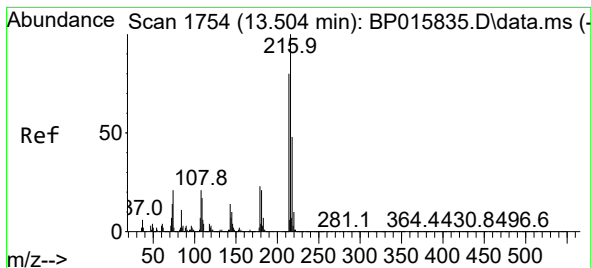
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.6 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.191 ng/uL

RT: 13.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

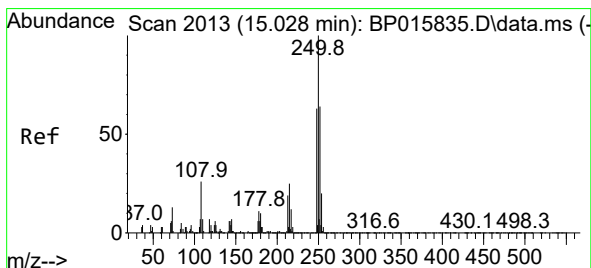
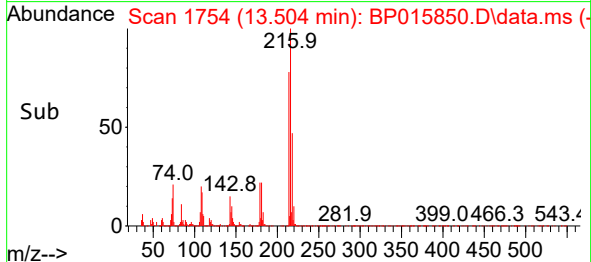
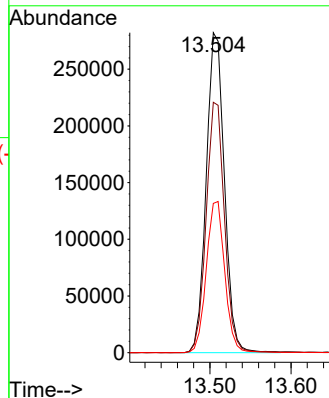
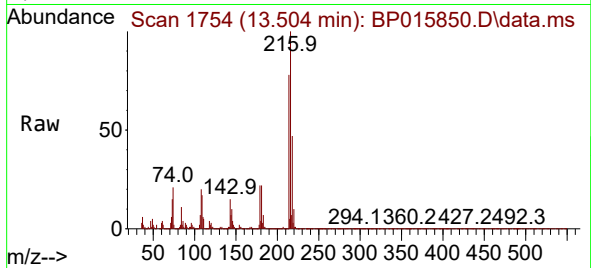
Tgt Ion:216 Resp: 438397

Ion Ratio Lower Upper

216 100

214 78.3 62.0 93.0

218 46.7 38.4 57.6



#76

Pentachlorobenzene

Concen: 21.261 ng/uL

RT: 15.022 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

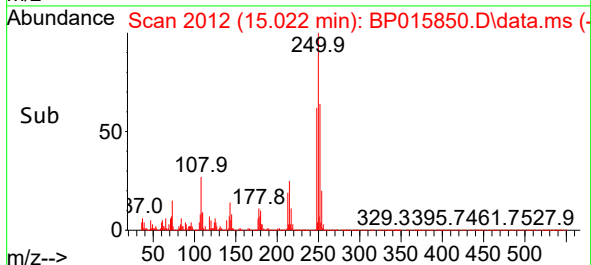
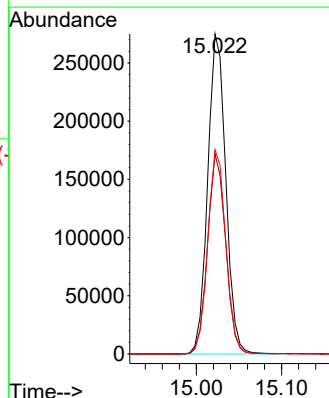
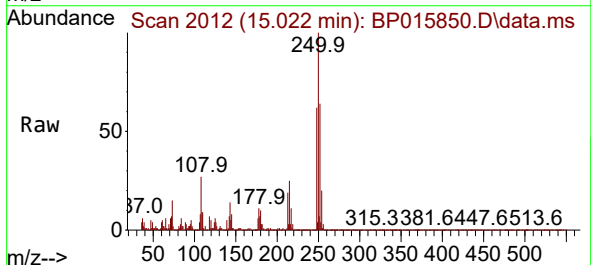
Tgt Ion:250 Resp: 405641

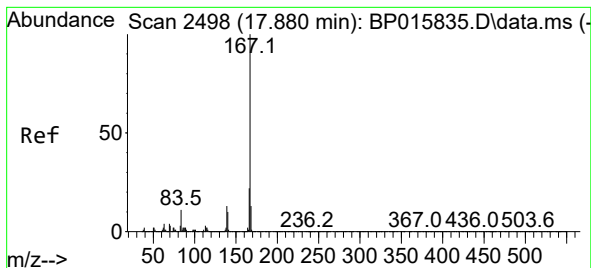
Ion Ratio Lower Upper

250 100

248 62.5 50.7 76.1

252 63.8 51.2 76.8





#77

Carbazole

Concen: 23.194 ng/ul

RT: 17.881 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

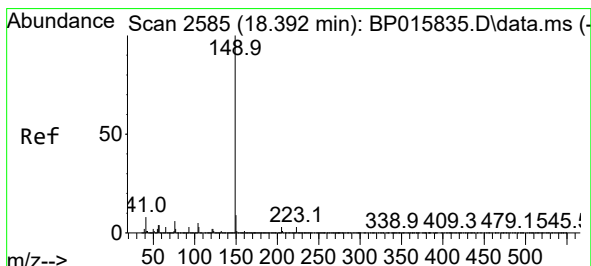
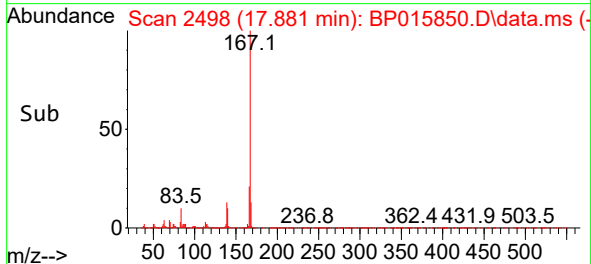
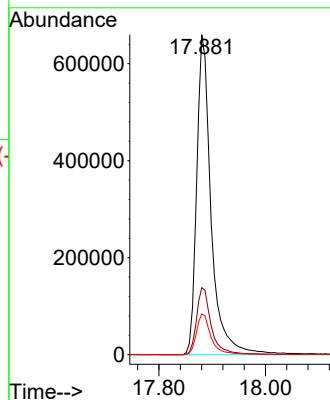
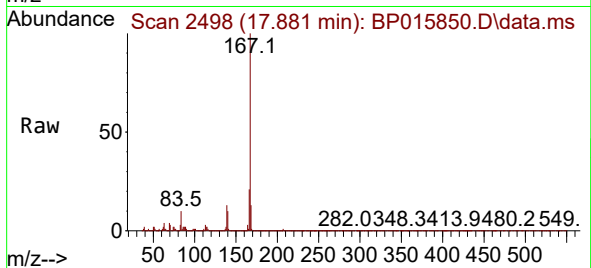
Tgt Ion:167 Resp: 1239708

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 12.7 11.0 16.4



#78

Di-n-butylphthalate

Concen: 21.969 ng/ul

RT: 18.392 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

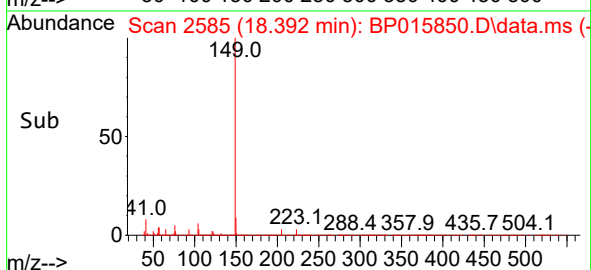
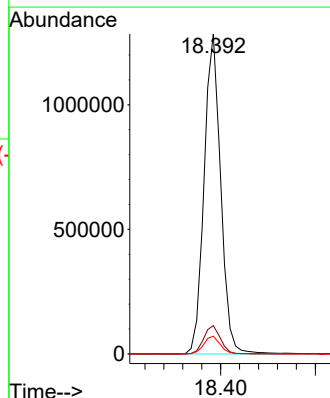
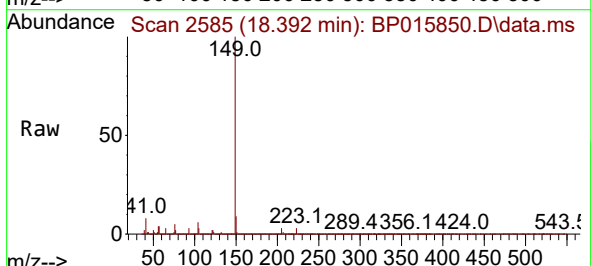
Tgt Ion:149 Resp: 1556765

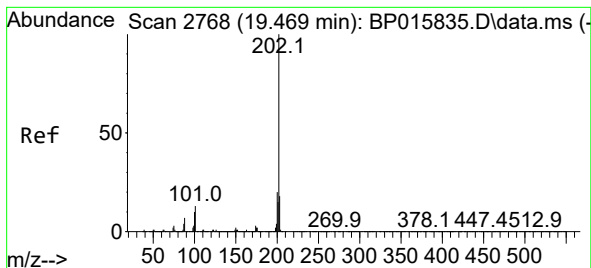
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 5.6 4.6 7.0





#80

Fluoranthene

Concen: 19.110 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

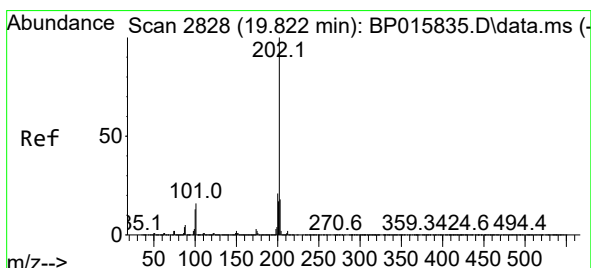
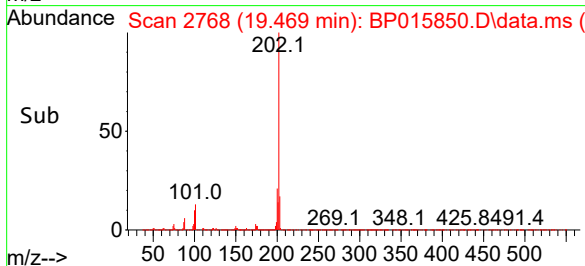
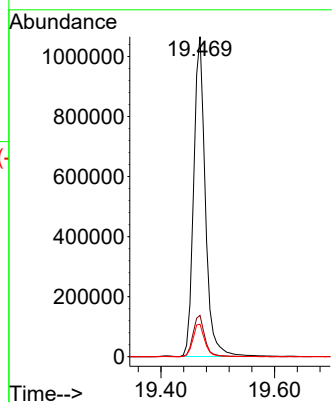
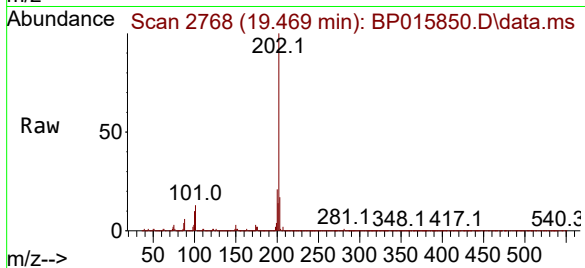
Tgt Ion:202 Resp: 1522381

Ion Ratio Lower Upper

202 100

101 12.9 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 19.389 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

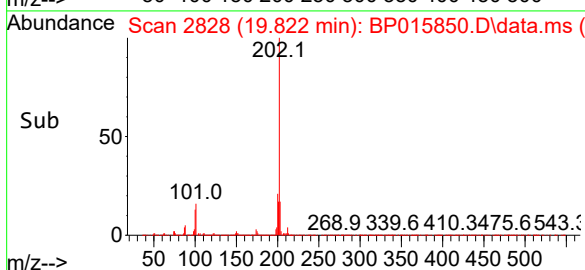
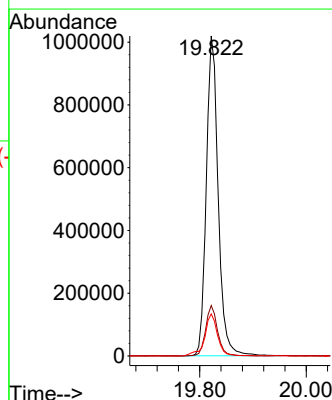
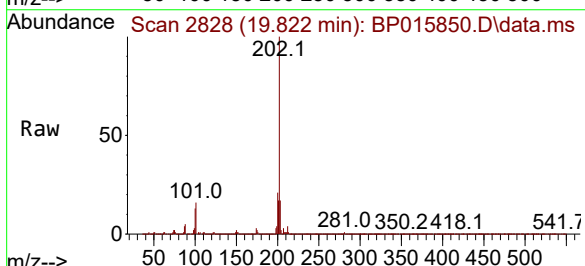
Tgt Ion:202 Resp: 1575689

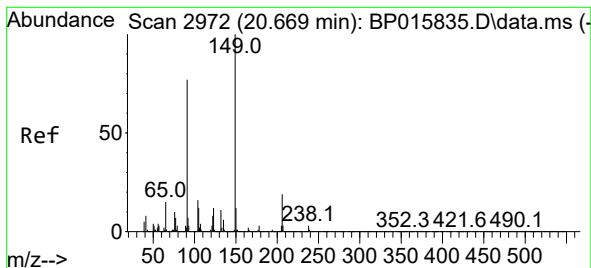
Ion Ratio Lower Upper

202 100

101 15.8 9.3 13.9#

100 13.1 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 20.492 ng/ul

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

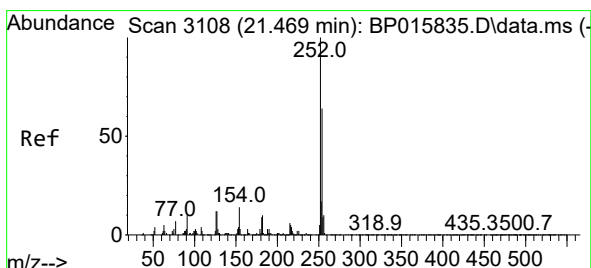
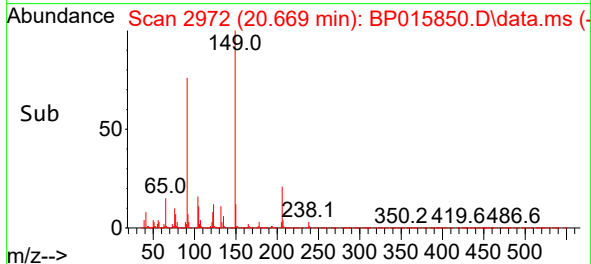
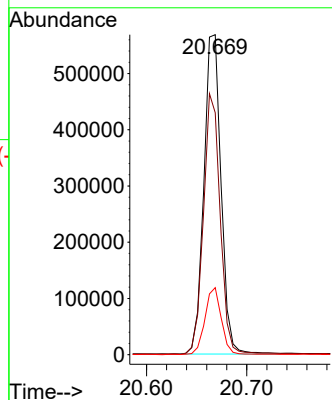
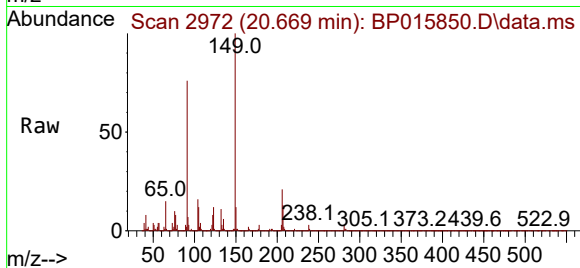
Tgt Ion:149 Resp: 679399

Ion Ratio Lower Upper

149 100

91 75.6 59.8 89.6

206 21.0 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 21.230 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

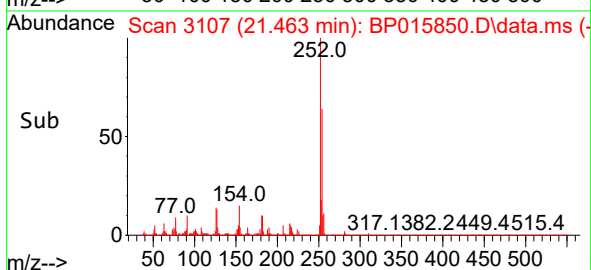
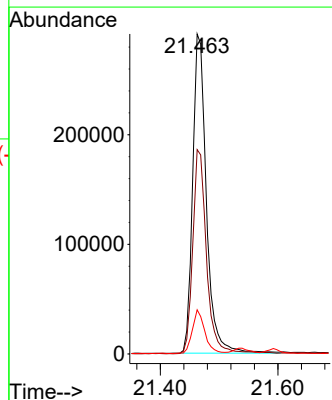
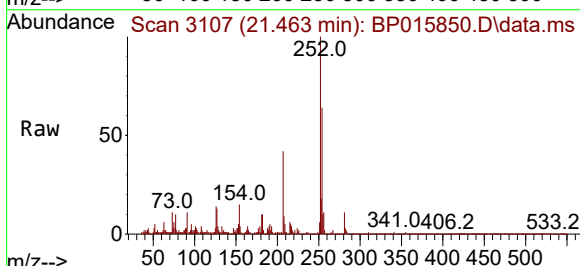
Tgt Ion:252 Resp: 471122

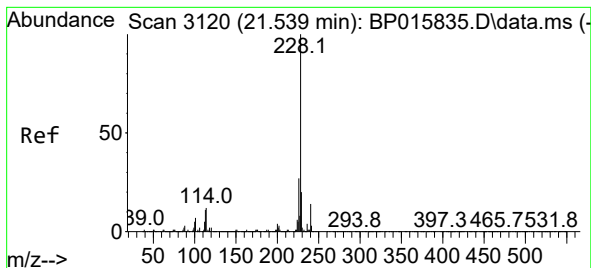
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 13.8 8.6 13.0#





#85

Benzo(a)anthracene

Concen: 21.735 ng/ul

RT: 21.533 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

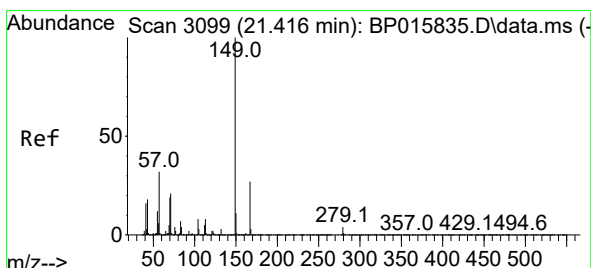
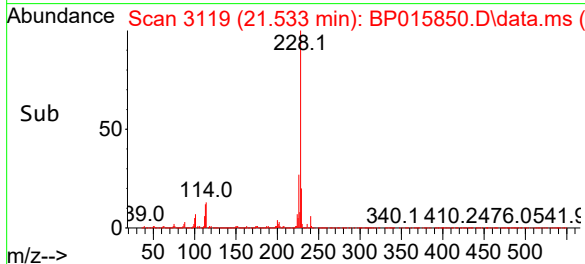
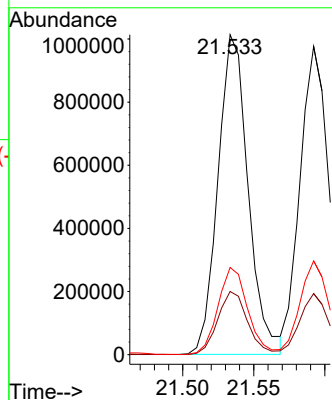
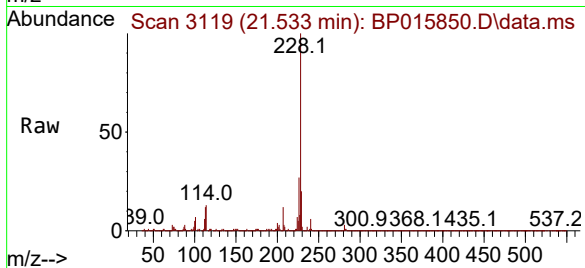
Tgt Ion:228 Resp: 1500935

Ion Ratio Lower Upper

228 100

229 19.7 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.022 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

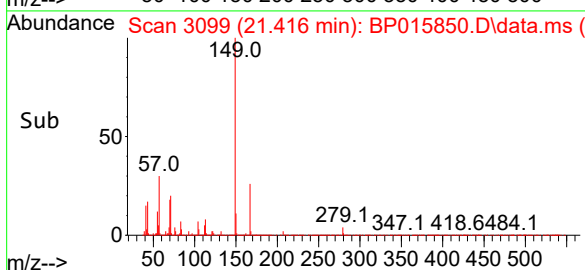
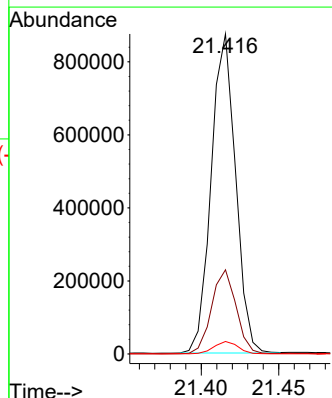
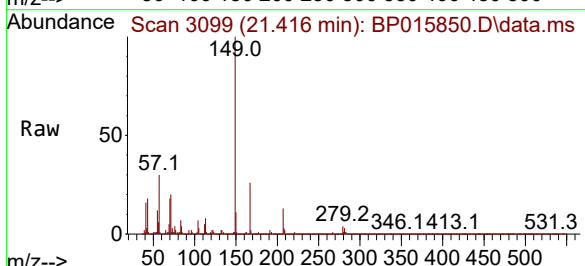
Tgt Ion:149 Resp: 957852

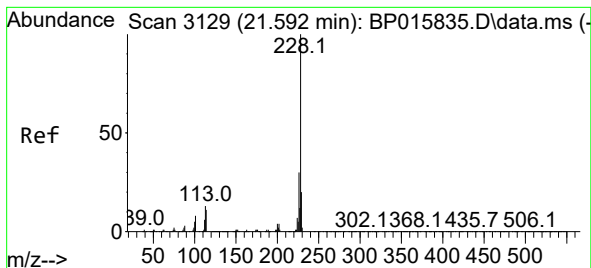
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 3.9 3.8 5.6





#87

Chrysene

Concen: 21.731 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

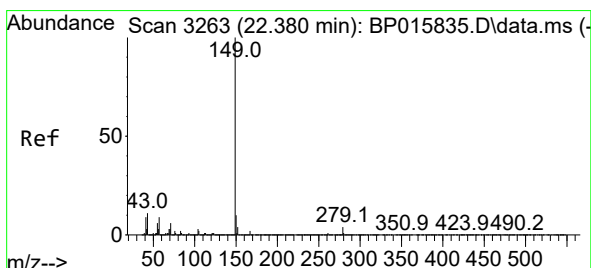
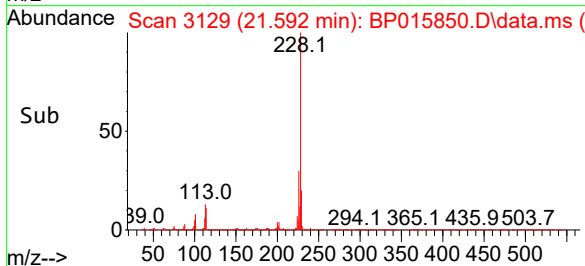
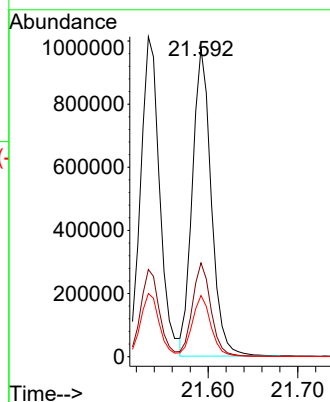
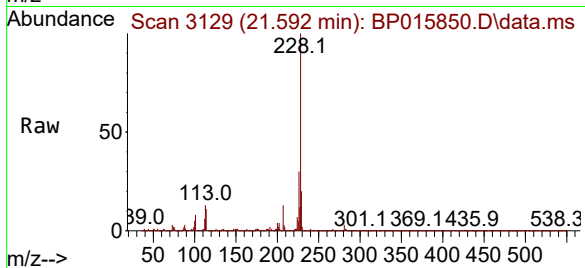
Tgt Ion:228 Resp: 1423784

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.633 ng/ul

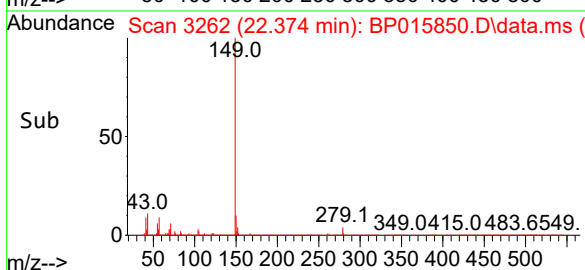
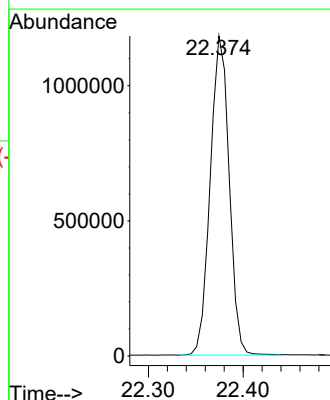
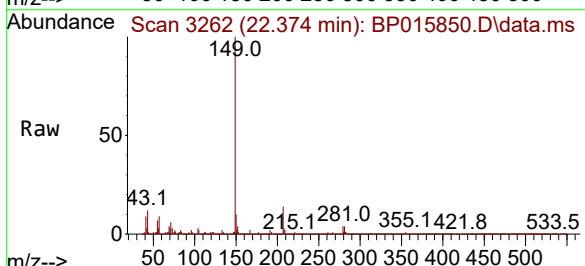
RT: 22.374 min Scan# 3262

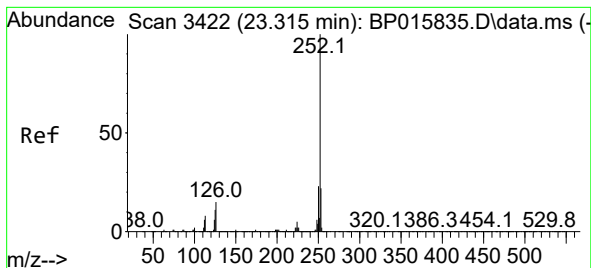
Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Tgt Ion:149 Resp: 1640402





#90

Benzo(b)fluoranthene

Concen: 20.342 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

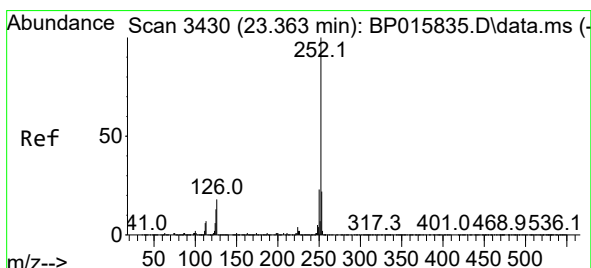
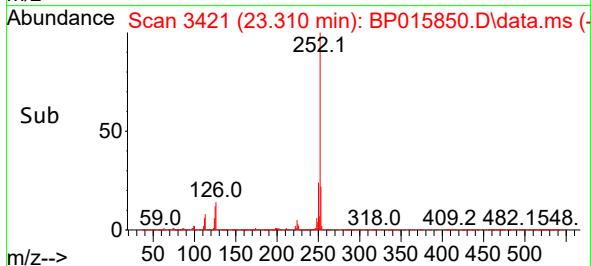
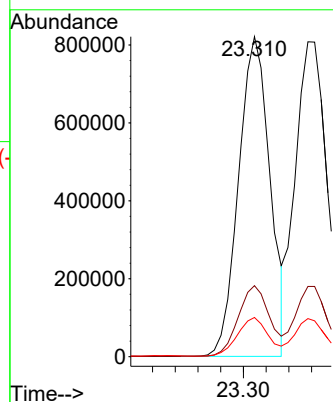
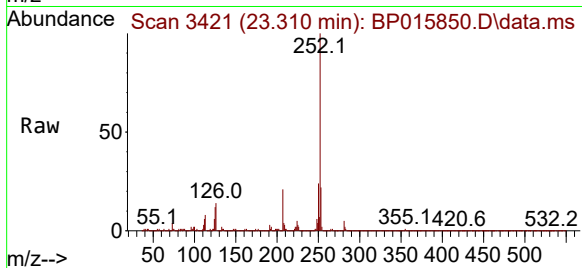
Tgt Ion:252 Resp: 1574561

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 12.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 20.647 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

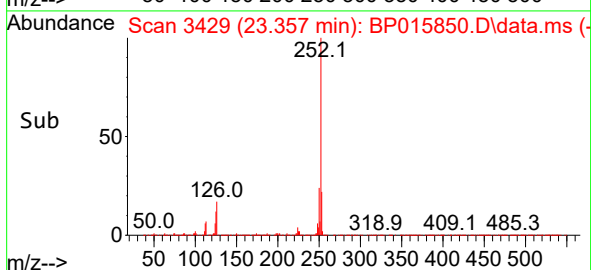
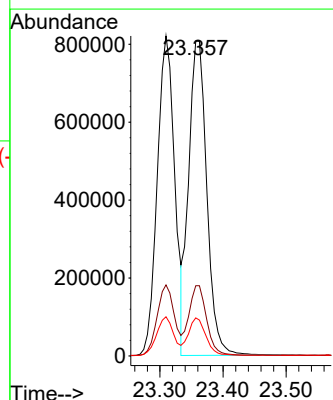
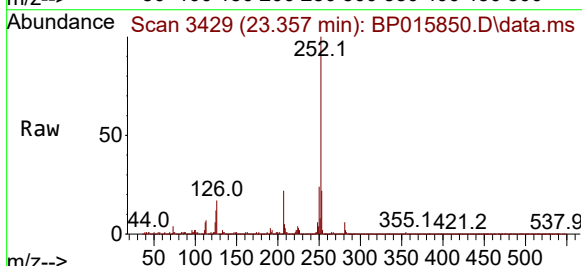
Tgt Ion:252 Resp: 1614726

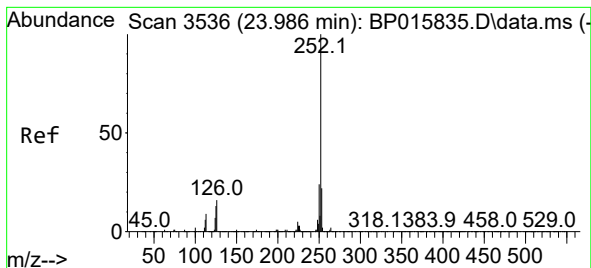
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 12.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 21.283 ng/ul

RT: 23.980 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

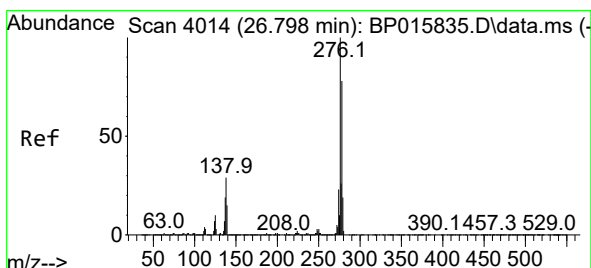
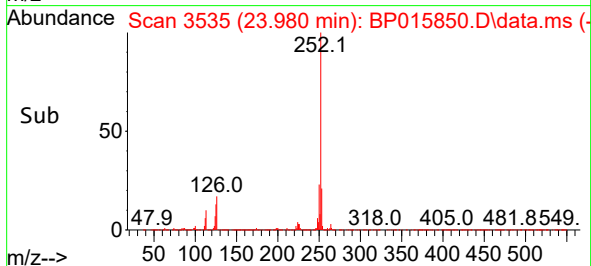
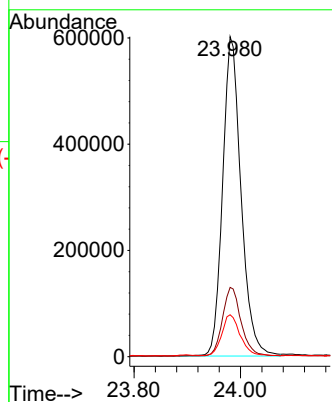
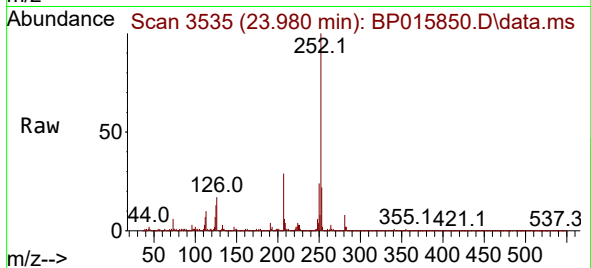
Tgt Ion:252 Resp: 1439449

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 13.1 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.288 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

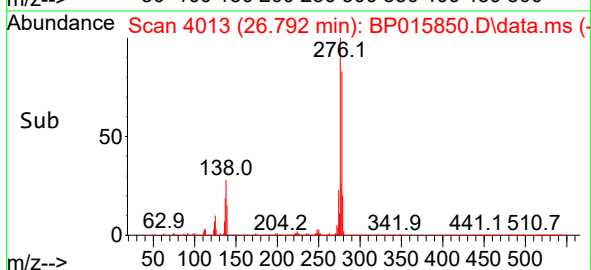
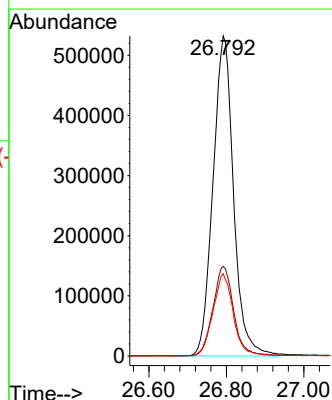
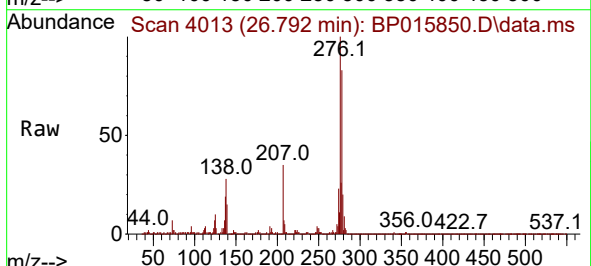
Tgt Ion:276 Resp: 1954615

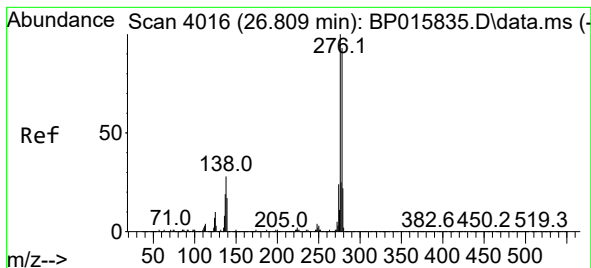
Ion Ratio Lower Upper

276 100

138 28.0 15.7 23.5#

277 25.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 21.437 ng/ul

RT: 26.804 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Instrument :

BNA_P

ClientSampleId :

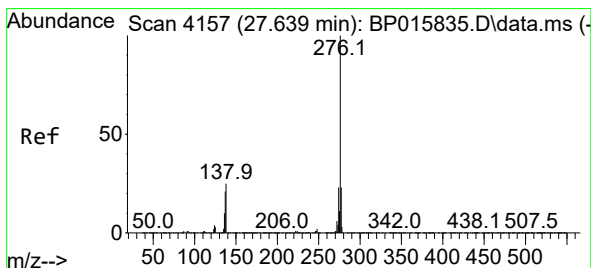
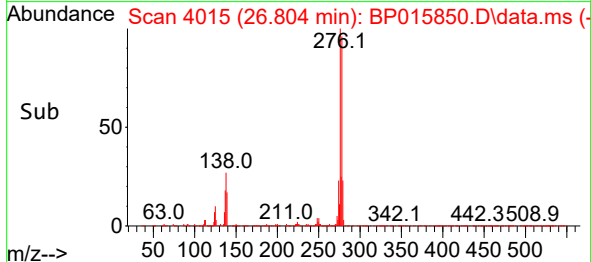
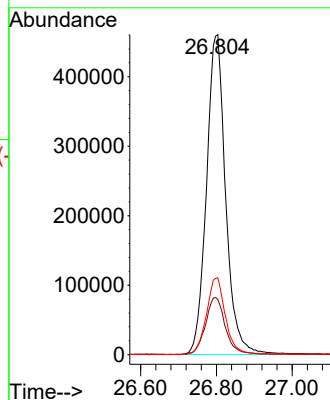
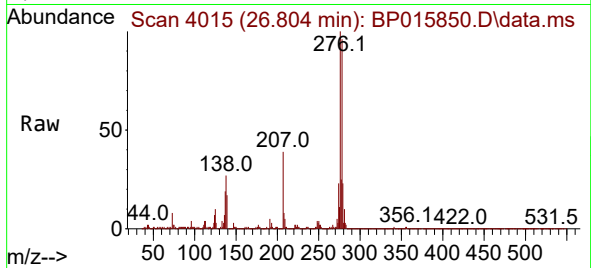
Tgt Ion:278 Resp: 1616726

Ion Ratio Lower Upper

278 100

139 17.3 10.5 15.7#

279 24.1 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 21.163 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.000 min

Lab File: BP015850.D

Acq: 30 Jun 2023 18:31

Tgt Ion:276 Resp: 1598543

Ion Ratio Lower Upper

276 100

138 23.6 15.1 22.7#

277 23.5 18.8 28.2

