

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016138.D
 Acq On : 09 Jul 2023 18:29
 Operator : MA/JU
 Sample : PB153810BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 09 22:43:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	375758	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.828	136	1624736	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.657	164	974794	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.428	188	1969064	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1382116	20.000	ng/u1	#-0.01
88) Perylene-d12	24.068	264	1401431	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	44364	4.248	ng/uL	0.00
4) Pyridine-d5	3.793	84	509974	19.371	ng/u1	-0.01
7) Phenol-d5	7.193	99	657780	20.459	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	449794	22.613	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.540	132	528113	21.760	ng/u1	-0.02
15) 4-Methylphenol-d8	8.752	113	526846	20.743	ng/u1	-0.02
21) Nitrobenzene-d5	9.199	128	255550	20.581	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.928	143	284971	19.664	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.487	165	499249	19.332	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	655182	19.750	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	1535630	20.382	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	1745783	20.612	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.951	143	83567	8.405	ng/u1	-0.01
60) Fluorene-d10	15.657	176	1232242	19.863	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.839	200	220070	18.173	ng/u1	-0.01
73) Anthracene-d10	17.533	188	1816298	20.194	ng/u1	-0.01
81) Pyrene-d10	19.769	212	1876089	20.788	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	1451586	20.533	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	87795	7.811	ng/uL	98
5) Pyridine	3.811	79	494108	17.940	ng/u1	96
6) Benzaldehyde	7.169	77	361598	27.819	ng/u1	98
8) Phenol	7.222	94	709616	21.269	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.434	93	581792	21.917	ng/u1	97
12) 2-Chlorophenol	7.575	128	527653	20.464	ng/u1	97
13) 2-Methylphenol	8.475	108	531885	21.115	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	886499	24.451	ng/u1	98
16) Acetophenone	8.857	105	846570	20.277	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.828	70	477792	20.605	ng/u1	97
18) 4-Methylphenol	8.822	108	558354	20.630	ng/u1	98
19) Hexachloroethane	9.075	117	240226	20.173	ng/u1	88
22) Nitrobenzene	9.246	77	707126	20.279	ng/u1	98
23) Isophorone	9.763	82	1331833	19.959	ng/u1	98
25) 2-Nitrophenol	9.963	139	302571	19.673	ng/u1	93
26) 2,4-Dimethylphenol	10.022	107	614876	18.186	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.246	93	811092	21.532	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	494978	19.279	ng/u1	99
30) Naphthalene	10.881	128	1744161	19.747	ng/u1	100
32) 4-Chloroaniline	11.034	127	551722	16.007	ng/u1	99
33) Hexachlorobutadiene	11.140	225	327986	16.916	ng/u1	99
34) Caprolactam	11.851	113	154917	19.726	ng/u1	92
35) 4-Chloro-3-methylphenol	12.169	107	573644	19.088	ng/u1	97
36) 2-Methylnaphthalene	12.498	142	1138231	19.576	ng/u1	97

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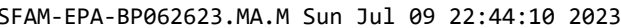
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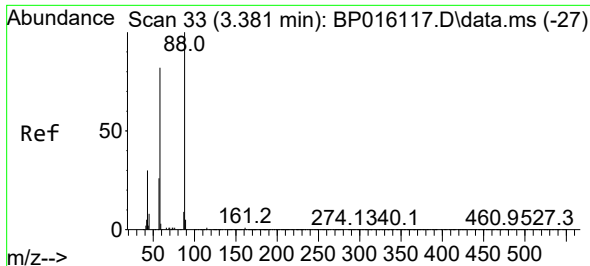
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1161219	19.577	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.863	216	606346	18.876	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	164915	17.161	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	364026	17.932	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	393185	18.260	ng/ul	99
43) 1,1'-Biphenyl	13.493	154	1538989	19.933	ng/ul#	96
44) 2-Chloronaphthalene	13.545	162	1200824	19.743	ng/ul	98
45) 2-Nitroaniline	13.787	65	397787	20.785	ng/ul	98
47) Dimethylphthalate	14.122	163	1516400	19.447	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	310468	19.629	ng/ul	98
50) Acenaphthylene	14.387	152	1859774	19.928	ng/ul	99
51) 3-Nitroaniline	14.628	138	277146	22.345	ng/ul	94
52) Acenaphthene	14.722	153	1283470	19.833	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	122835	14.638	ng/ul	93
55) 4-Nitrophenol	14.981	109	158217	15.356	ng/ul	81
56) Dibenzofuran	15.069	168	1775777	19.767	ng/ul	96
57) 2,4-Dinitrotoluene	15.087	165	426552	19.790	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.316	232	302545	16.358	ng/ul	99
59) Diethylphthalate	15.475	149	1542838	19.553	ng/ul	99
61) Fluorene	15.716	166	1410804	19.361	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	691936	18.558	ng/ul	96
63) 4-Nitroaniline	15.810	138	239442	28.206	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.857	198	220319	17.982	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1166169	19.783	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	420122	18.684	ng/ul	93
69) Hexachlorobenzene	16.728	284	481542	18.150	ng/ul	97
70) Atrazine	16.898	200	126829	5.621	ng/ul	99
71) Pentachlorophenol	17.104	266	174481	13.702	ng/ul	95
72) Phenanthrene	17.469	178	2142076	20.025	ng/ul	99
74) Anthracene	17.569	178	2123998	19.761	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	605584	18.900	ng/ul	99
76) Pentachlorobenzene	14.987	250	596941	18.460	ng/ul	99
77) Carbazole	17.863	167	1824840	20.143	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2498790	20.805	ng/ul	99
80) Fluoranthene	19.439	202	2238568	19.958	ng/ul#	93
82) Pyrene	19.798	202	2305220	20.148	ng/ul#	90
83) Butylbenzylphthalate	20.639	149	968469	20.748	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	592308	18.958	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1859585	19.127	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1327820	20.699	ng/ul	100
87) Chrysene	21.569	228	1899739	20.595	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	2058659	20.101	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1791606	19.896	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1804090	19.829	ng/ul#	98
93) Benzo(a)pyrene	23.957	252	1543154	19.612	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.756	276	1925383	18.026	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.756	278	1597525	18.209	ng/ul#	96
96) Benzo(g,h,i)perylene	27.598	276	1612575	18.351	ng/ul#	94

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

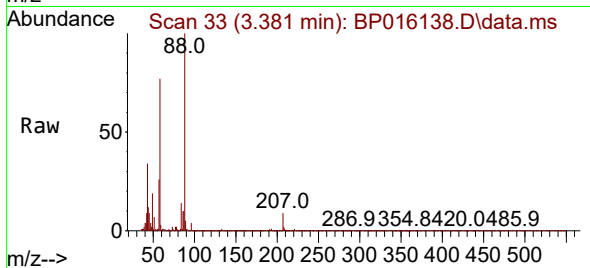
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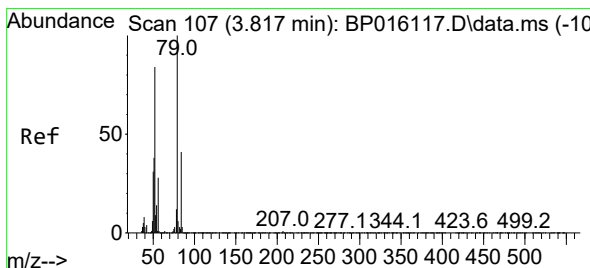
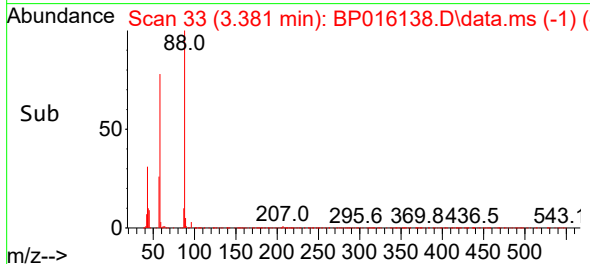
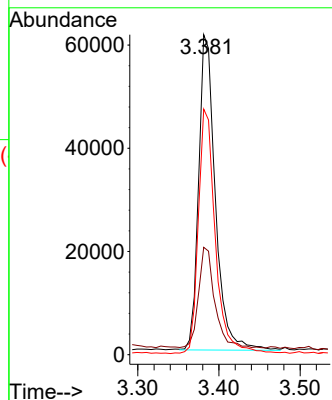


#2
1,4-Dioxane
Concen: 7.811 ng/uL
RT: 3.381 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

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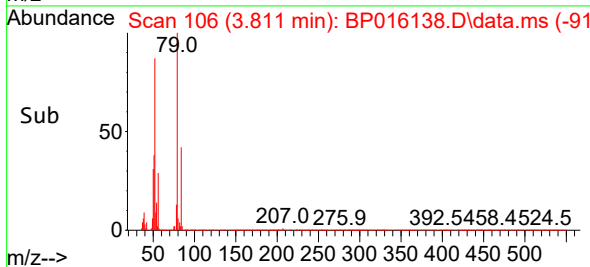
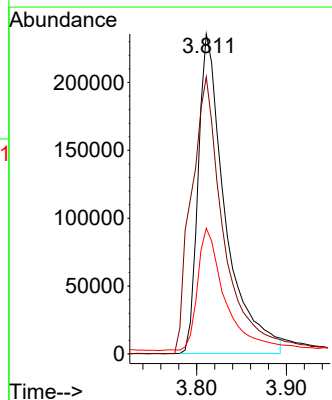
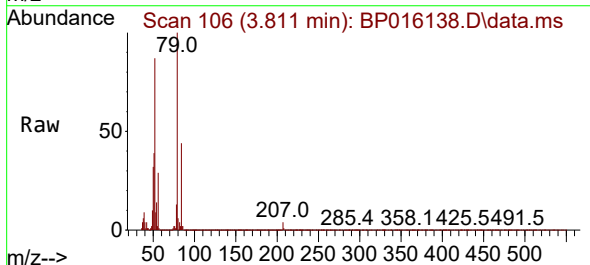


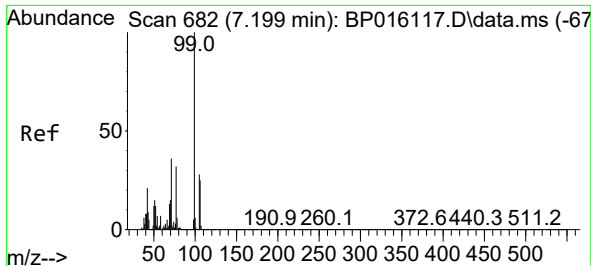
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.4	41.2
58	76.8	59.8	89.8



#5
Pyridine
Concen: 17.940 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion	Ratio	Lower	Upper
79	100		
52	86.6	65.5	98.3
51	39.3	31.8	47.8

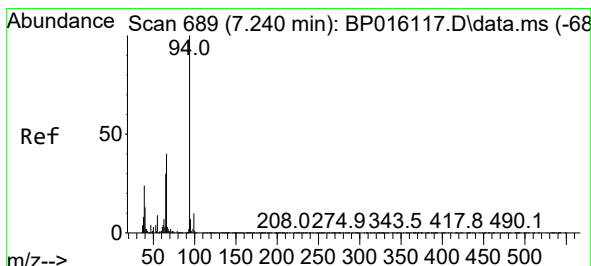
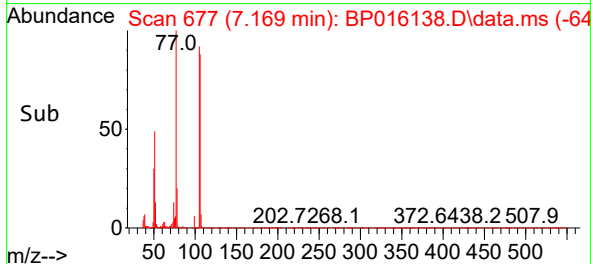
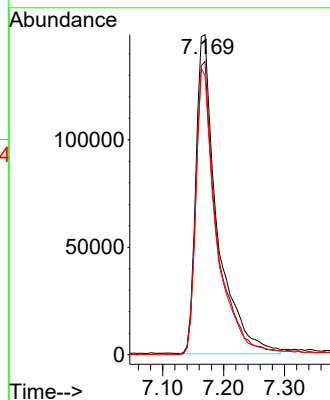
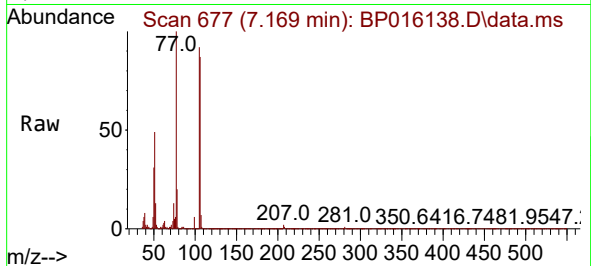




#6
Benzaldehyde
Concen: 27.819 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

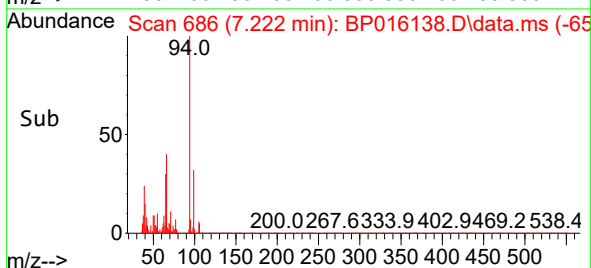
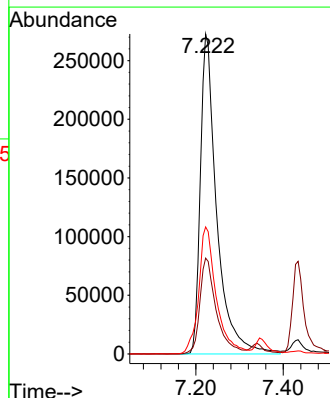
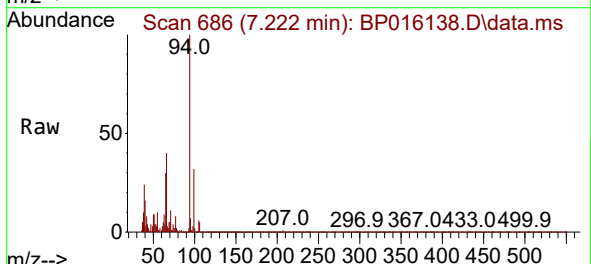
Instrument :
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ClientSampleId :

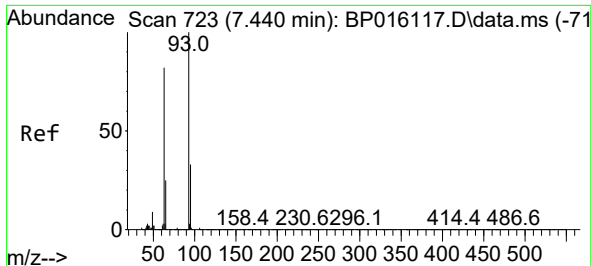
Tgt Ion: 77 Resp: 361598
Ion Ratio Lower Upper
77 100
105 91.6 73.4 110.0
106 87.3 66.6 100.0



#8
Phenol
Concen: 21.269 ng/ul
RT: 7.222 min Scan# 686
Delta R.T. -0.024 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion: 94 Resp: 709616
Ion Ratio Lower Upper
94 100
65 29.9 26.4 39.6
66 39.7 37.3 55.9

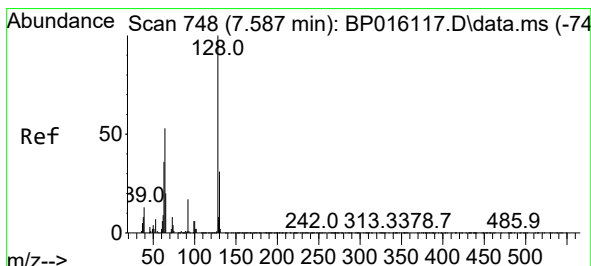
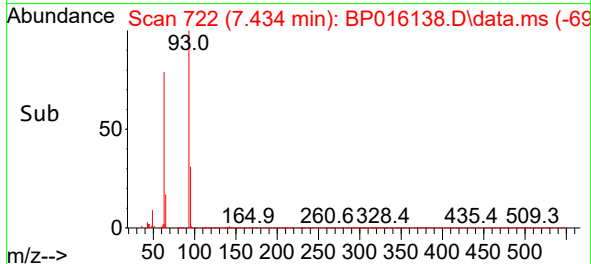
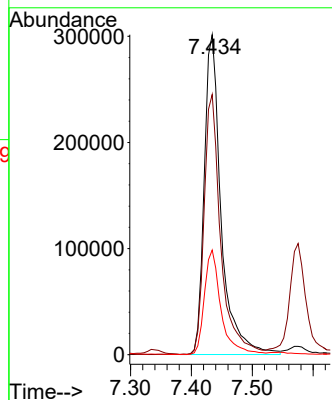
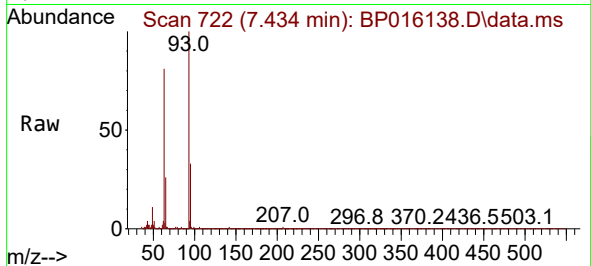




#10
Bis(2-Chloroethyl)ether
Concen: 21.917 ng/ul
RT: 7.434 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

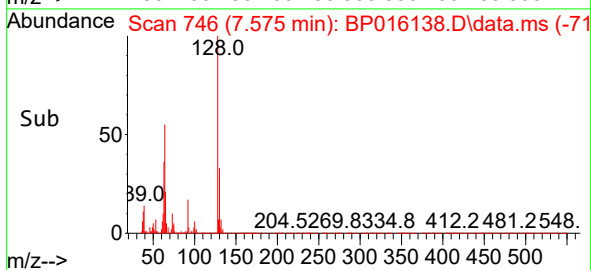
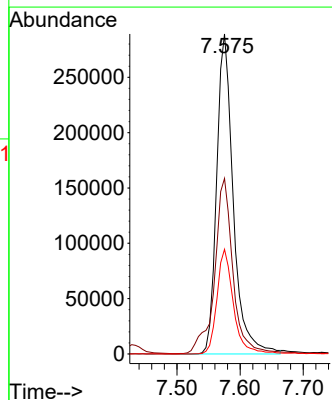
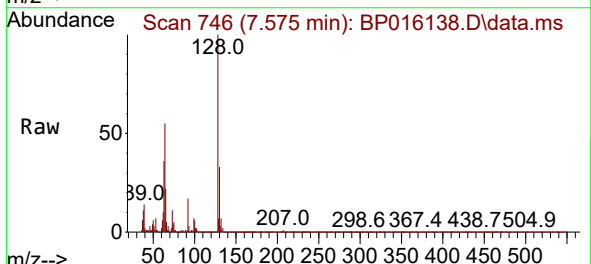
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ClientSampleId :

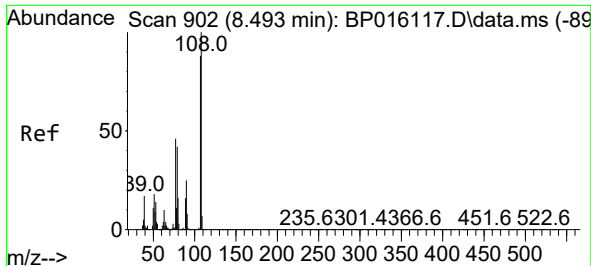
Tgt Ion: 93 Resp: 581792
Ion Ratio Lower Upper
93 100
63 81.3 62.8 94.2
95 32.7 25.6 38.4



#12
2-Chlorophenol
Concen: 20.464 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:128 Resp: 527653
Ion Ratio Lower Upper
128 100
64 54.8 41.2 61.8
130 32.7 26.0 39.0

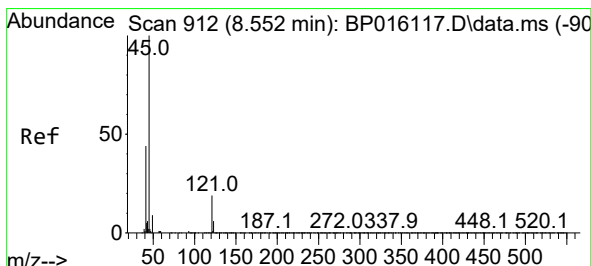
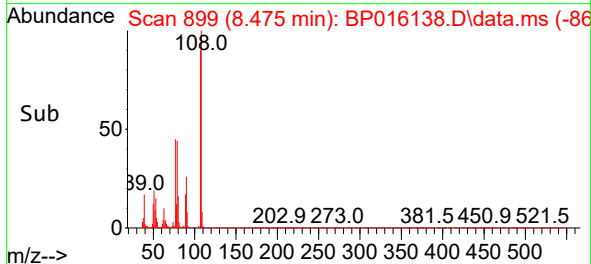
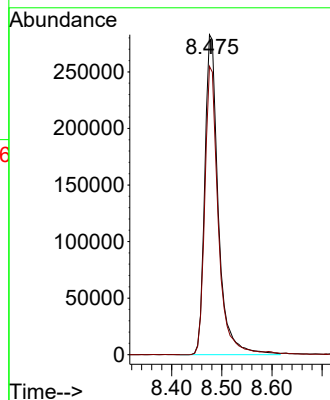
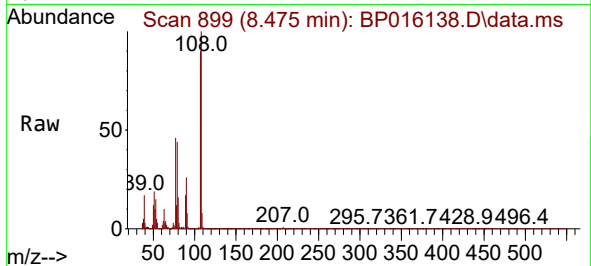




#13
2-Methylphenol
Concen: 21.115 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. -0.024 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

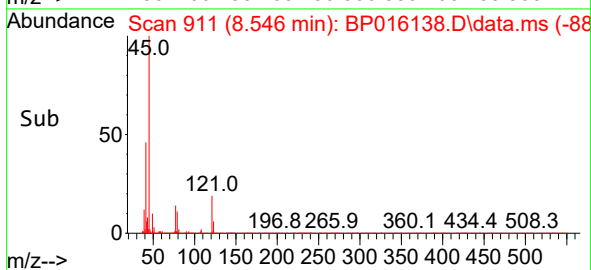
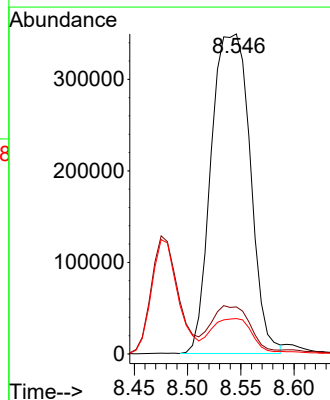
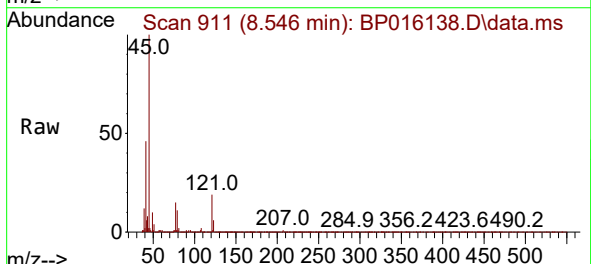
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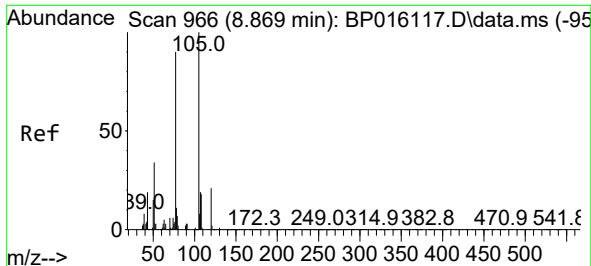
Tgt Ion:108 Resp: 531885
Ion Ratio Lower Upper
108 100
107 90.1 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.451 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion: 45 Resp: 886499
Ion Ratio Lower Upper
45 100
77 14.7 12.4 18.6
79 11.1 9.3 13.9

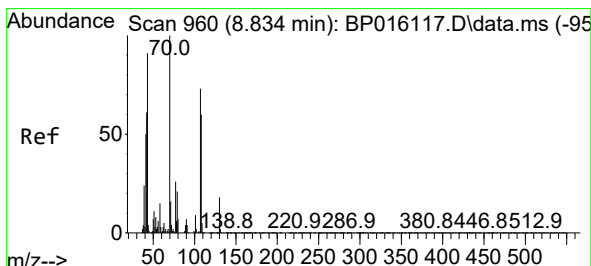
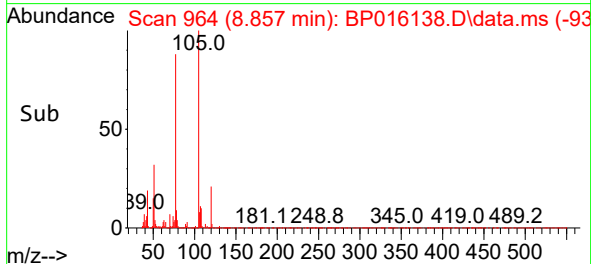
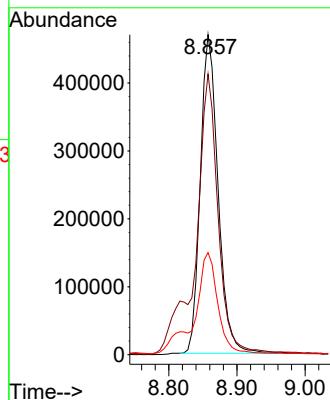
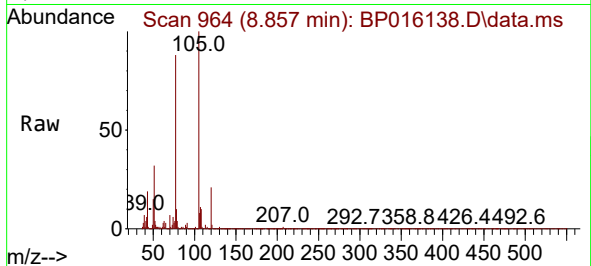




#16
Acetophenone
Concen: 20.277 ng/ul
RT: 8.857 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

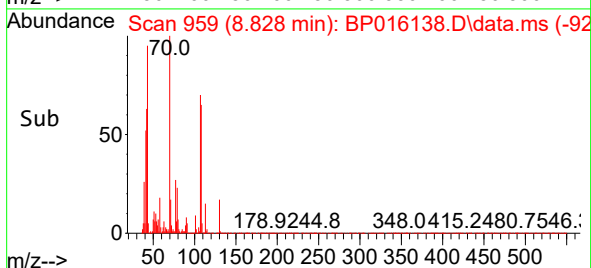
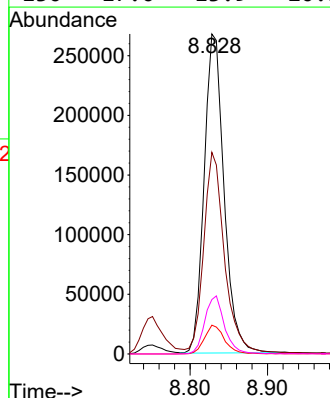
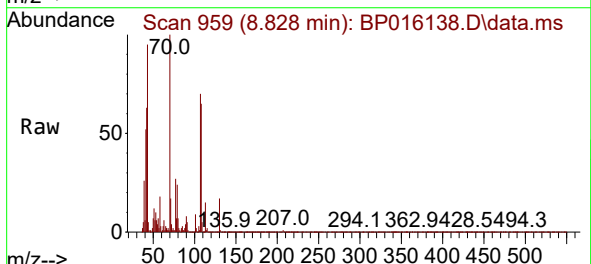
Instrument :
BNA_P
ClientSampleId :

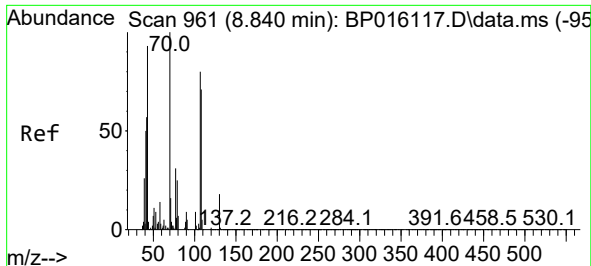
Tgt Ion:105 Resp: 846570
Ion Ratio Lower Upper
105 100
77 87.7 65.0 97.4
51 31.9 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.605 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion: 70 Resp: 477792
Ion Ratio Lower Upper
70 100
42 63.0 48.2 72.2
101 9.0 7.6 11.4
130 17.0 13.9 20.9

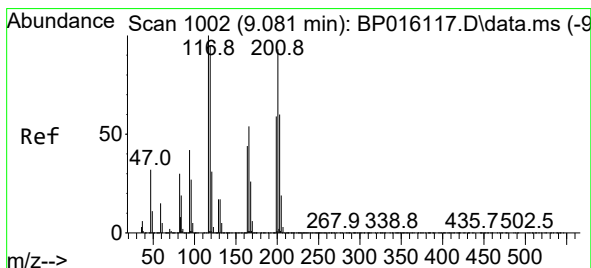
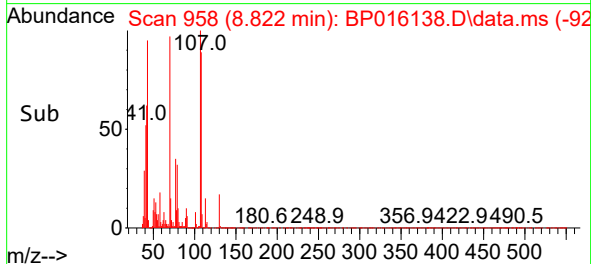
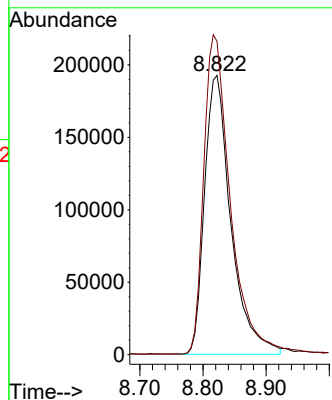
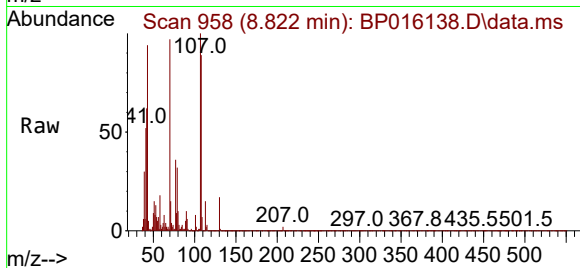




#18
4-Methylphenol
Concen: 20.630 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

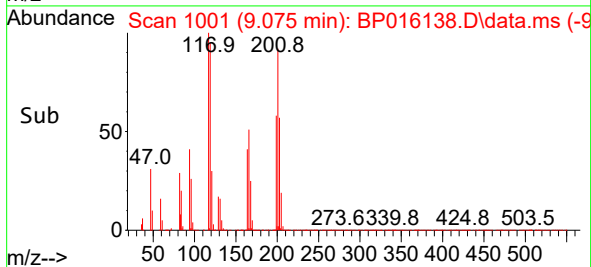
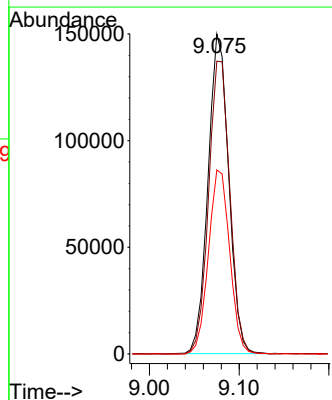
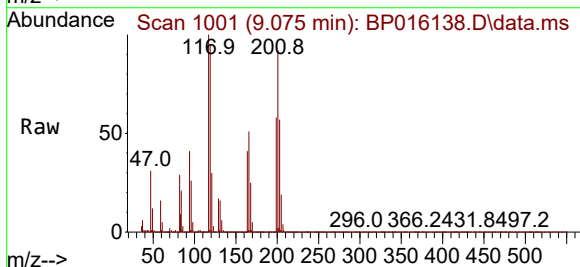
Instrument :
BNA_P
ClientSampleId :

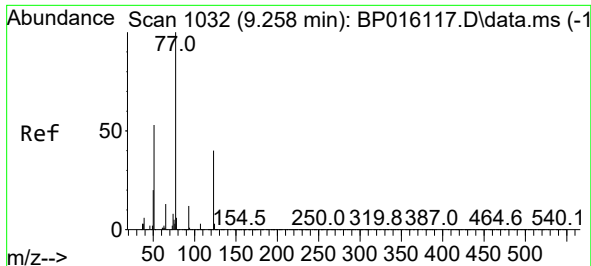
Tgt Ion:108 Resp: 558354
Ion Ratio Lower Upper
108 100
107 112.3 91.3 136.9



#19
Hexachloroethane
Concen: 20.173 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.024 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:117 Resp: 240226
Ion Ratio Lower Upper
117 100
201 91.5 84.2 126.2
199 57.5 51.8 77.8

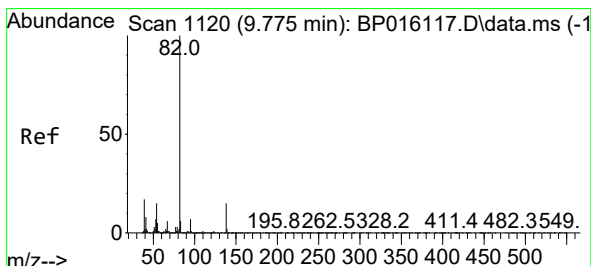
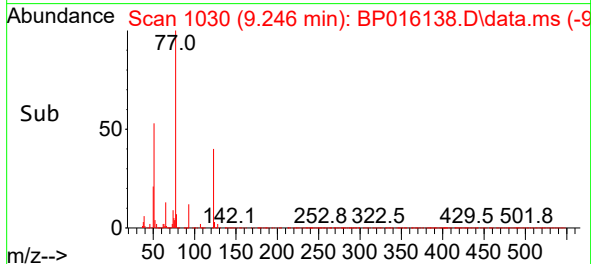
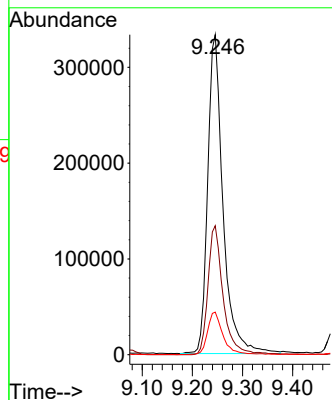
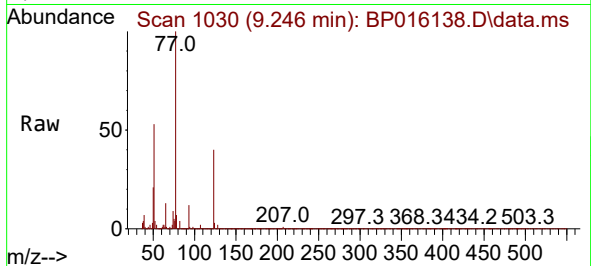




#22
Nitrobenzene
Concen: 20.279 ng/ul
RT: 9.246 min Scan# 1118
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

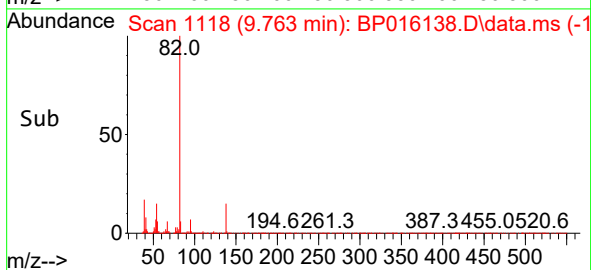
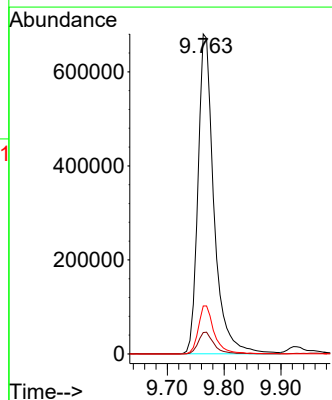
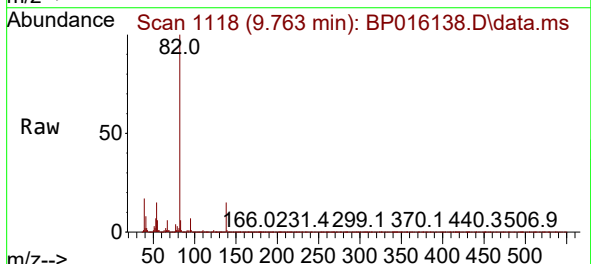
Instrument :
BNA_P
ClientSampleId :

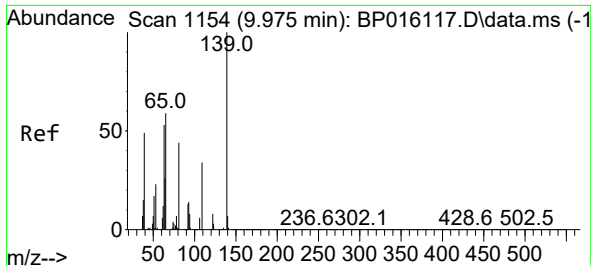
Tgt Ion: 77 Resp: 707126
Ion Ratio Lower Upper
77 100
123 40.3 31.0 46.4
65 13.3 11.3 16.9



#23
Isophorone
Concen: 19.959 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.024 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion: 82 Resp: 1331833
Ion Ratio Lower Upper
82 100
95 6.7 6.3 9.5
138 15.0 12.3 18.5

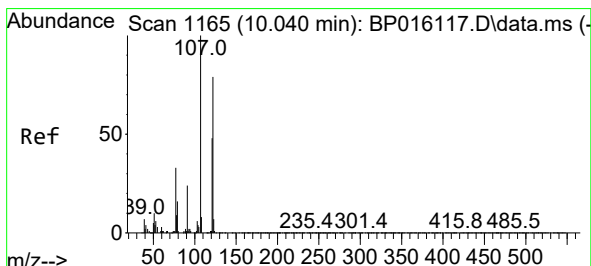
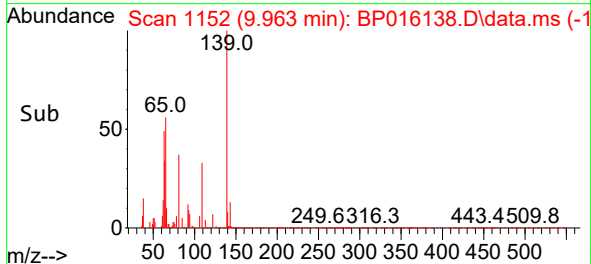
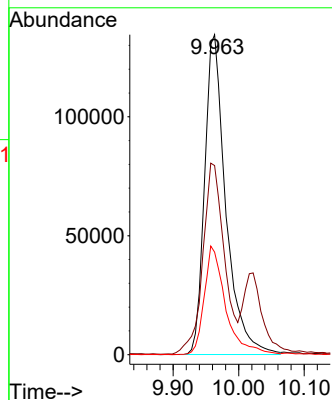
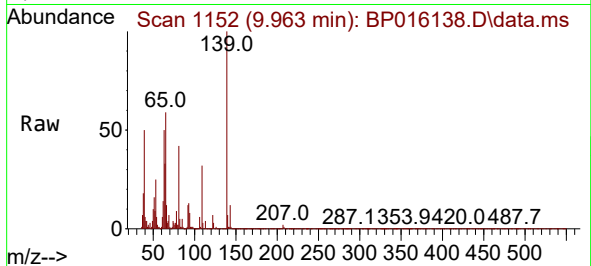




#25
2-Nitrophenol
Concen: 19.673 ng/ul
RT: 9.963 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

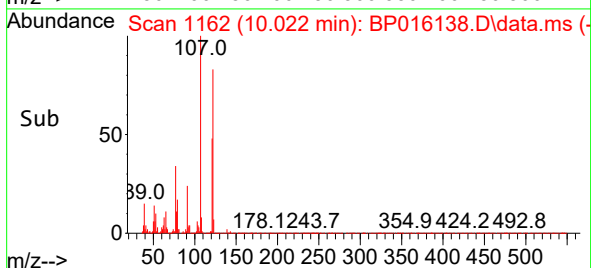
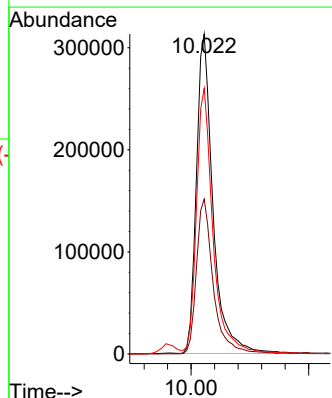
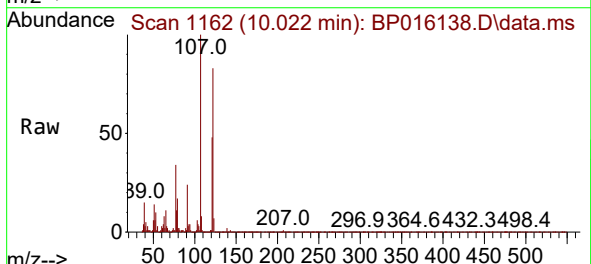
Instrument :
BNA_P
ClientSampleId :

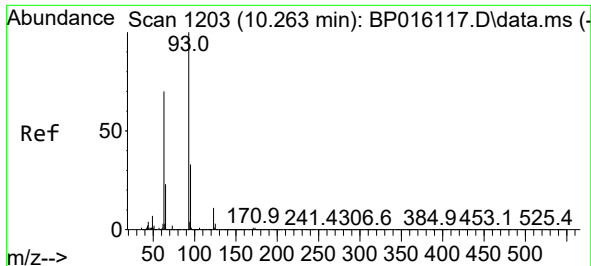
Tgt Ion:139 Resp: 302571
Ion Ratio Lower Upper
139 100
65 59.1 50.2 75.2
109 32.1 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 18.186 ng/ul
RT: 10.022 min Scan# 1162
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:107 Resp: 614876
Ion Ratio Lower Upper
107 100
121 48.4 38.2 57.2
122 83.0 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 21.532 ng/ul

RT: 10.246 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

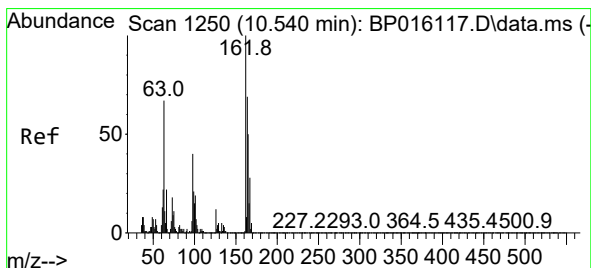
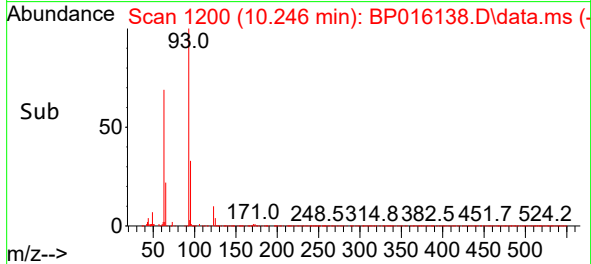
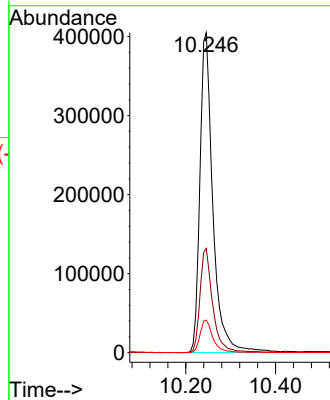
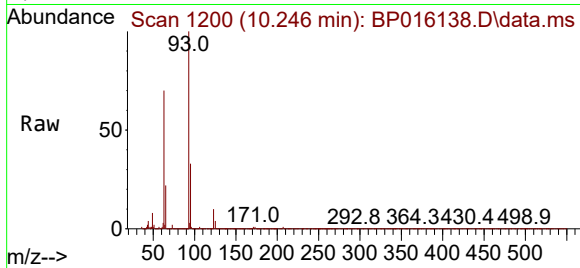
Tgt Ion: 93 Resp: 811092

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

123 10.2 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 19.279 ng/ul

RT: 10.516 min Scan# 1246

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

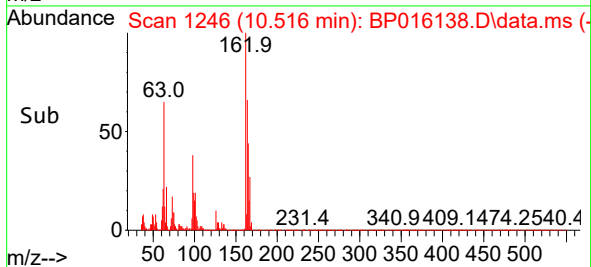
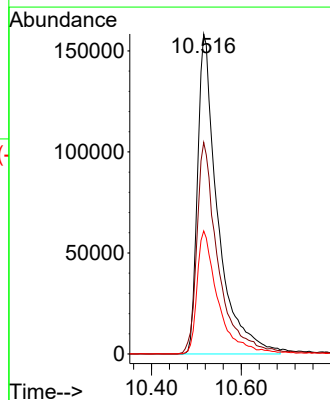
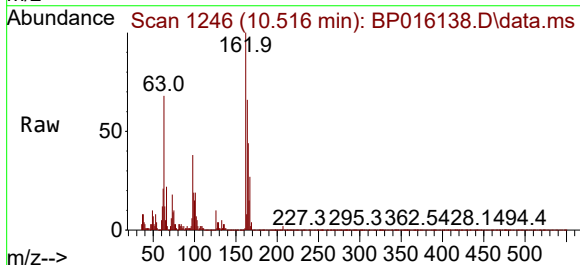
Tgt Ion:162 Resp: 494978

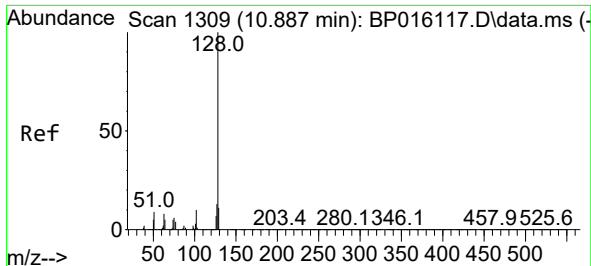
Ion Ratio Lower Upper

162 100

164 66.1 53.0 79.6

98 38.5 31.3 46.9

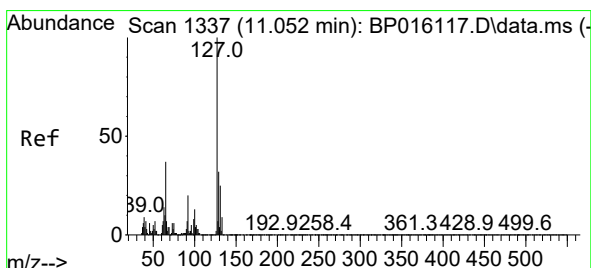
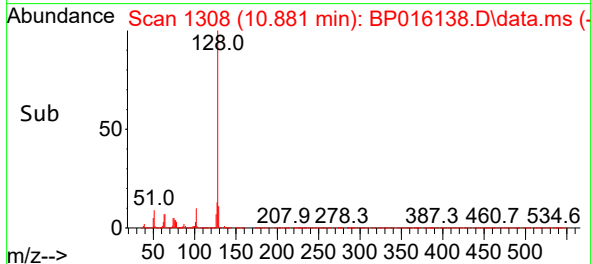
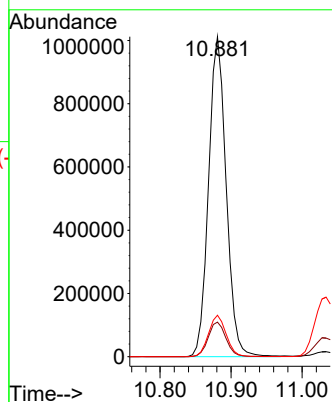
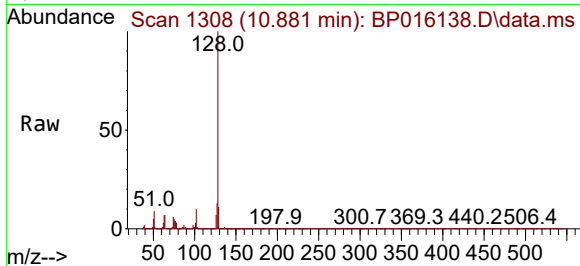




#30
Naphthalene
Concen: 19.747 ng/ul
RT: 10.881 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

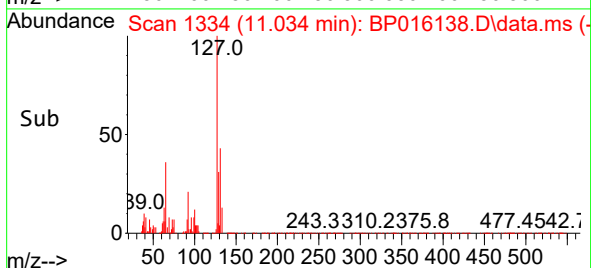
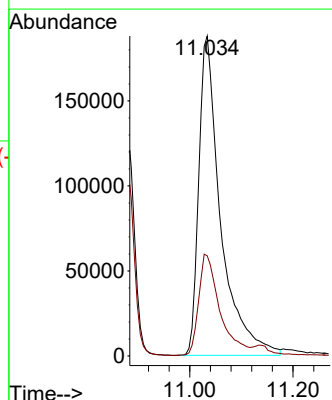
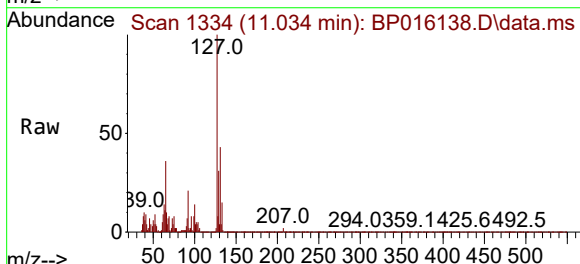
Instrument :
BNA_P
ClientSampleId :

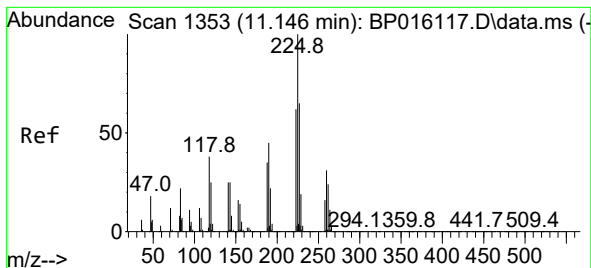
Tgt Ion:128 Resp: 1744161
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 16.007 ng/ul
RT: 11.034 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:127 Resp: 551722
Ion Ratio Lower Upper
127 100
129 31.3 24.7 37.1





#33

Hexachlorobutadiene

Concen: 16.916 ng/ul

RT: 11.140 min Scan# 1353

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

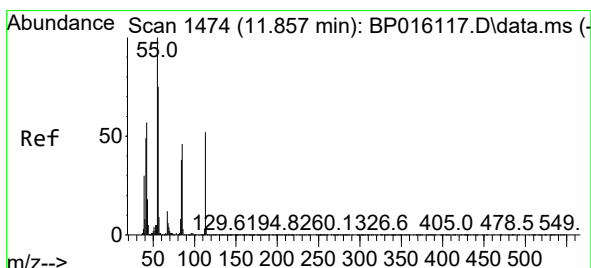
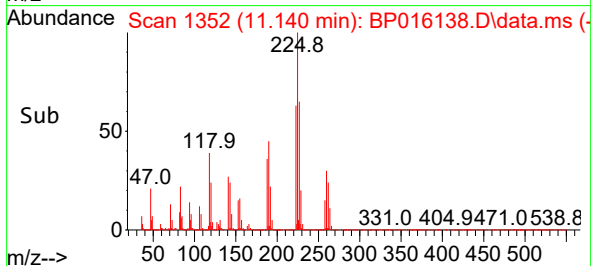
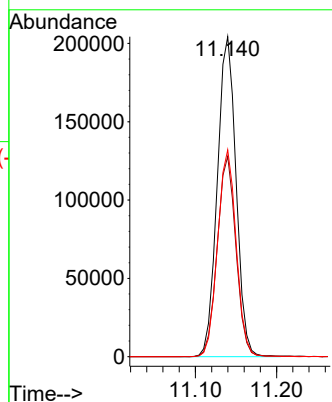
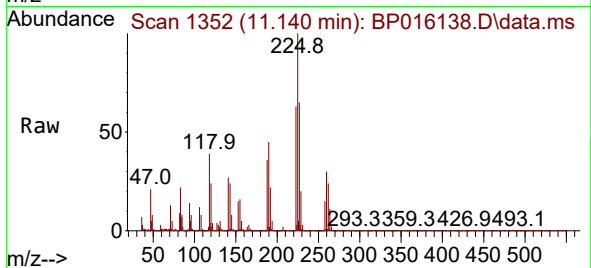
Tgt Ion:225 Resp: 327986

Ion Ratio Lower Upper

225 100

223 62.6 50.4 75.6

227 64.6 51.0 76.4



#34

Caprolactam

Concen: 19.726 ng/ul

RT: 11.851 min Scan# 1473

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

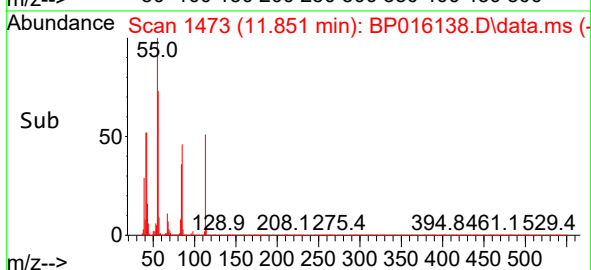
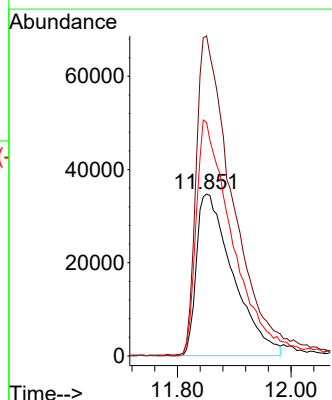
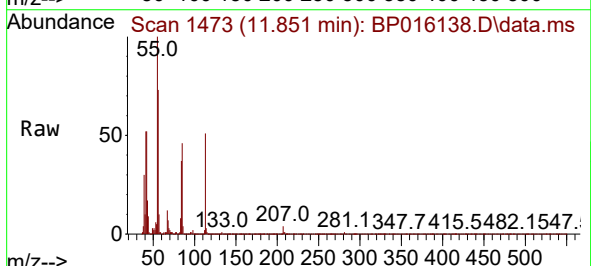
Tgt Ion:113 Resp: 154917

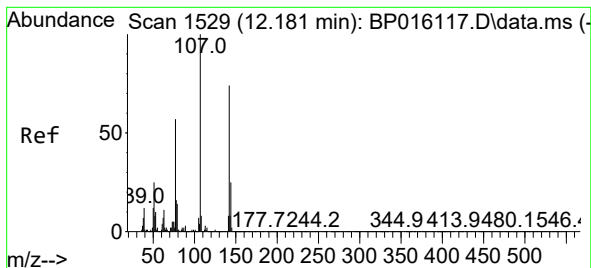
Ion Ratio Lower Upper

113 100

55 197.6 142.8 214.2

56 144.1 116.9 175.3

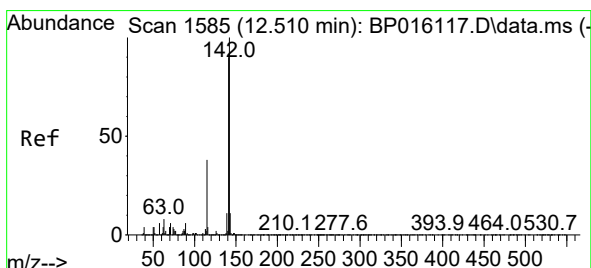
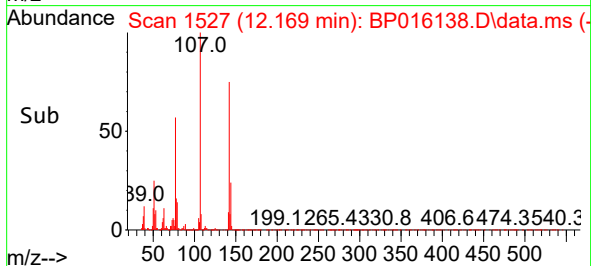
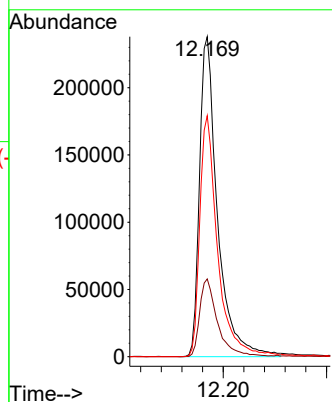
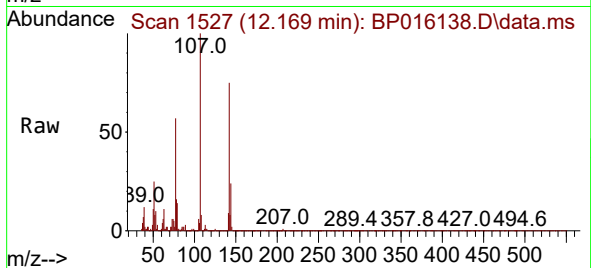




#35
4-Chloro-3-methylphenol
Concen: 19.088 ng/ul
RT: 12.169 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

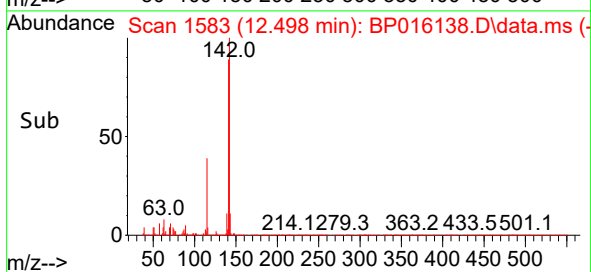
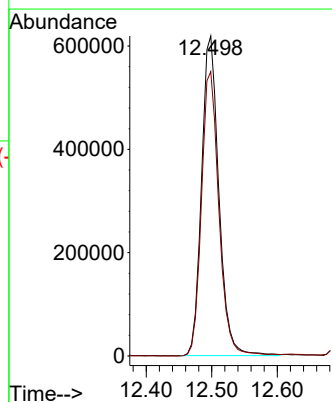
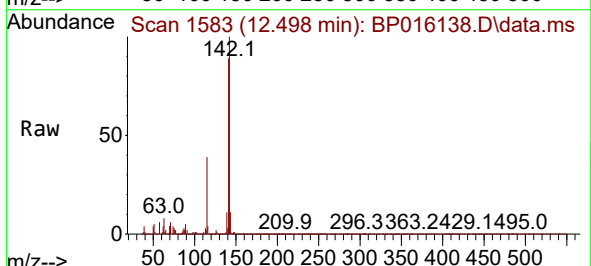
Instrument :
BNA_P
ClientSampleId :

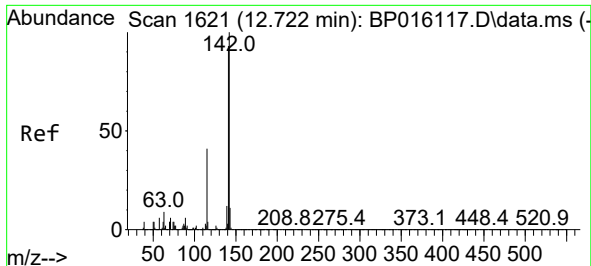
Tgt Ion:107 Resp: 573644
Ion Ratio Lower Upper
107 100
144 24.3 18.4 27.6
142 75.3 58.6 87.8



#36
2-Methylnaphthalene
Concen: 19.576 ng/ul
RT: 12.498 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:142 Resp: 1138231
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8





#37

1-Methylnaphthalene

Concen: 19.577 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

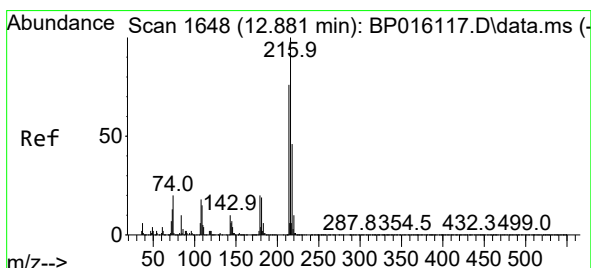
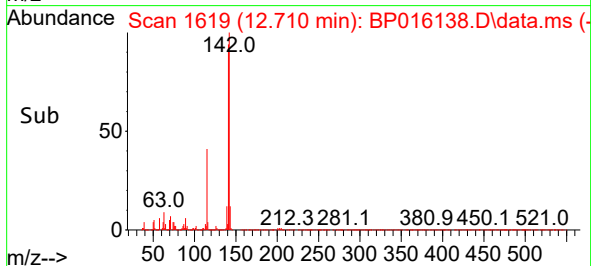
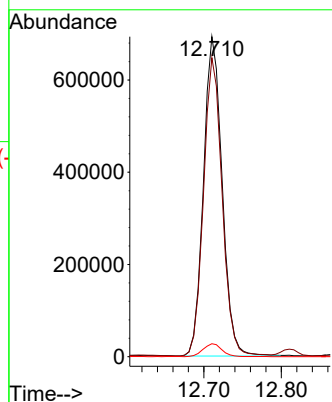
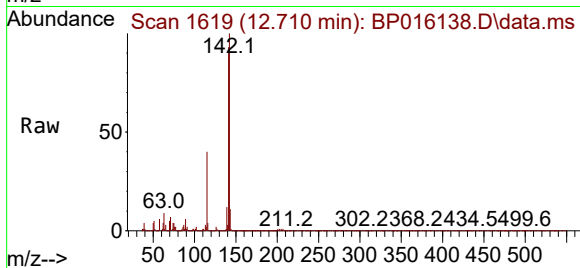
Tgt Ion:142 Resp: 1161219

Ion Ratio Lower Upper

142 100

141 93.4 73.1 109.7

116 4.1 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.876 ng/ul

RT: 12.863 min Scan# 1645

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Tgt Ion:216 Resp: 606346

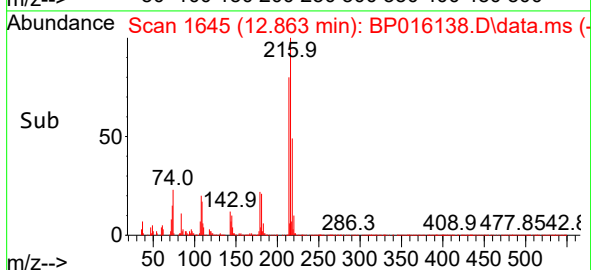
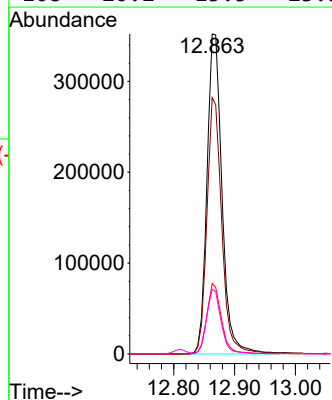
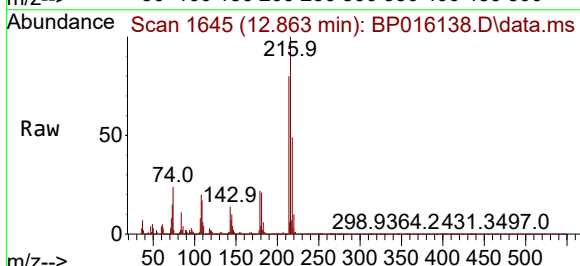
Ion Ratio Lower Upper

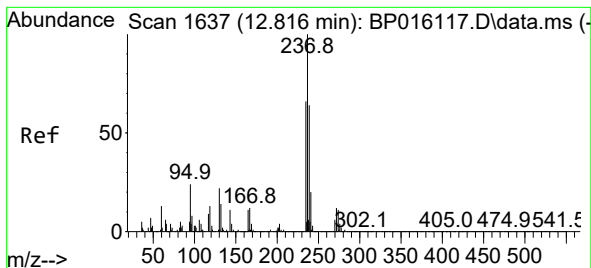
216 100

214 80.1 62.4 93.6

179 22.0 17.6 26.4

108 20.2 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 17.161 ng/ul

RT: 12.810 min Scan# 1636

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

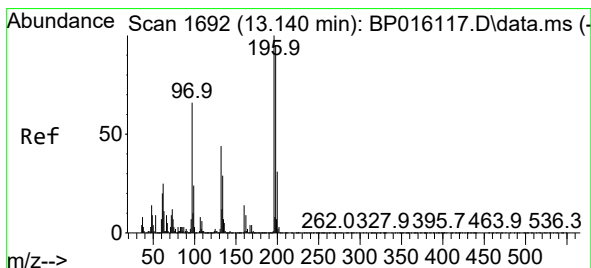
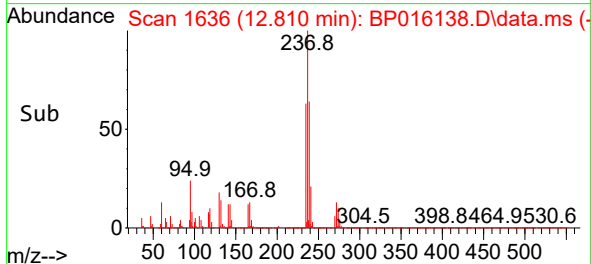
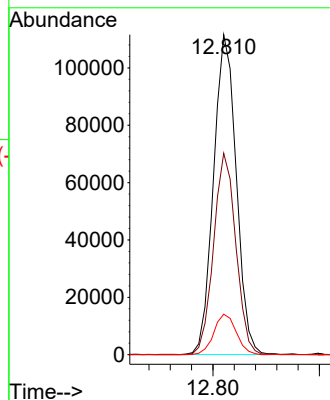
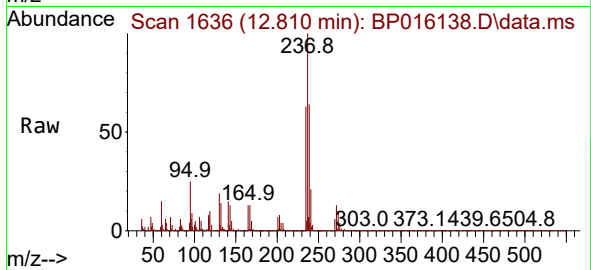
Tgt Ion:237 Resp: 164915

Ion Ratio Lower Upper

237 100

235 62.9 48.6 73.0

272 12.7 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 17.932 ng/ul

RT: 13.128 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

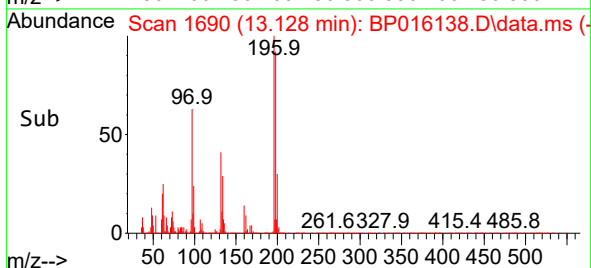
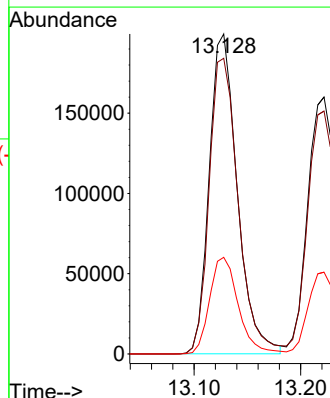
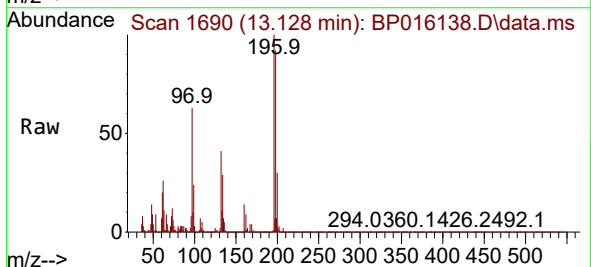
Tgt Ion:196 Resp: 364026

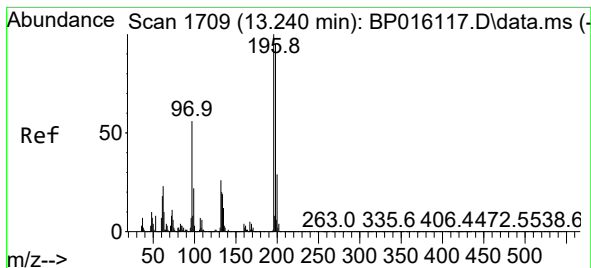
Ion Ratio Lower Upper

196 100

198 92.4 75.4 113.2

200 30.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 18.260 ng/ul

RT: 13.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

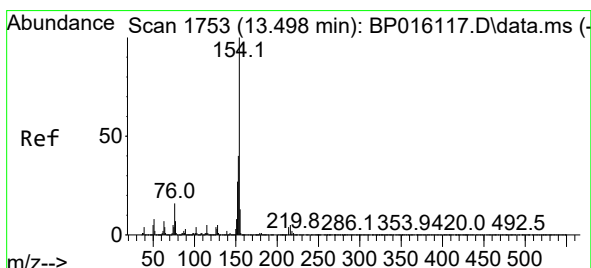
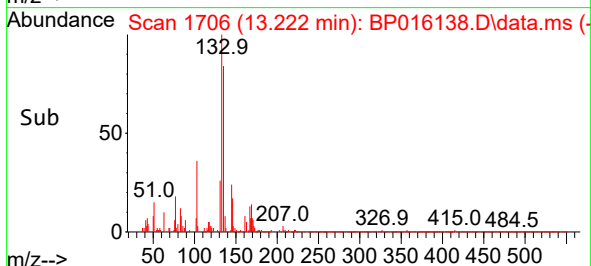
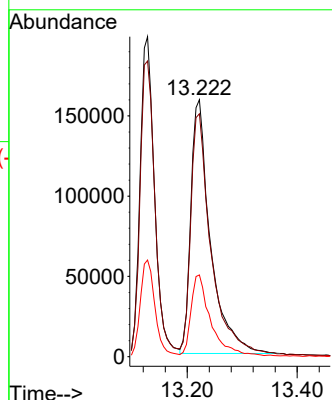
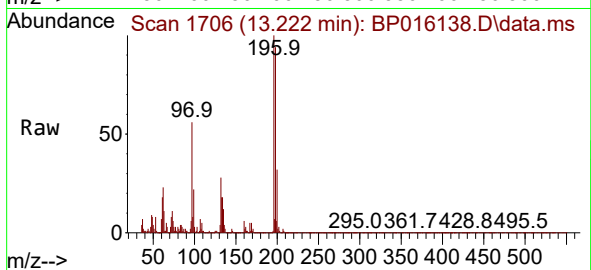
Tgt Ion:196 Resp: 393185

Ion Ratio Lower Upper

196 100

198 94.5 74.9 112.3

200 31.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 19.933 ng/ul

RT: 13.493 min Scan# 1752

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

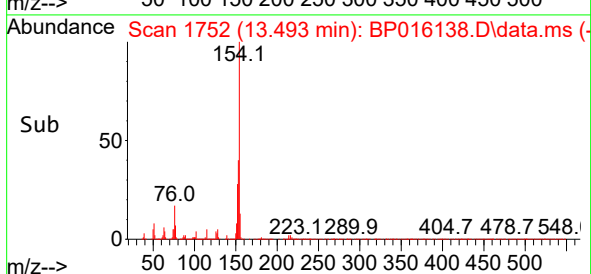
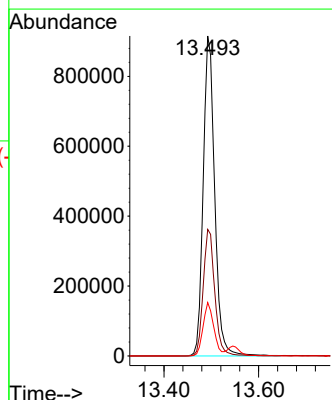
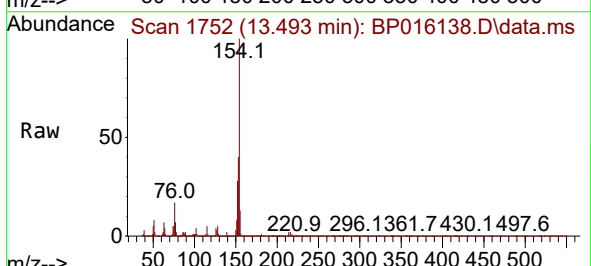
Tgt Ion:154 Resp: 1538989

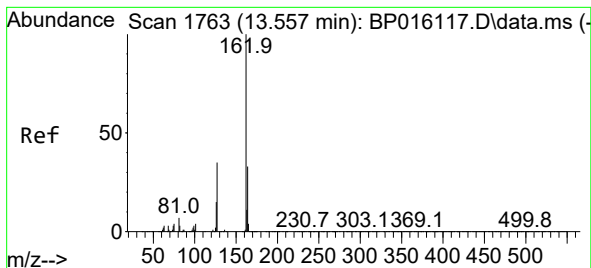
Ion Ratio Lower Upper

154 100

153 39.6 32.8 49.2

76 16.7 10.7 16.1#





#44

2-Chloronaphthalene

Concen: 19.743 ng/ul

RT: 13.545 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

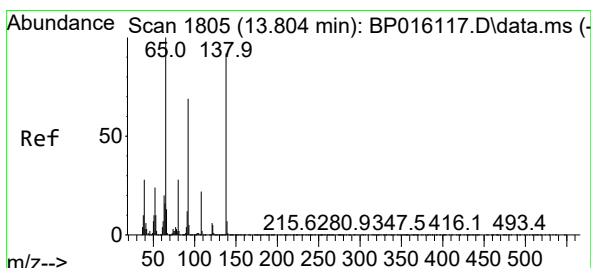
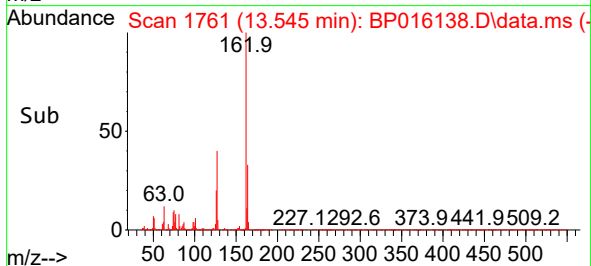
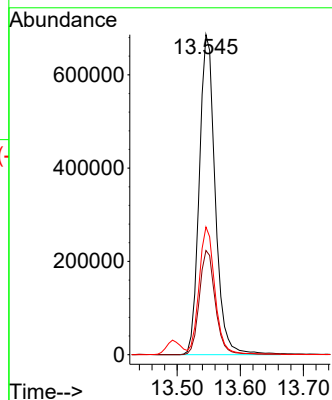
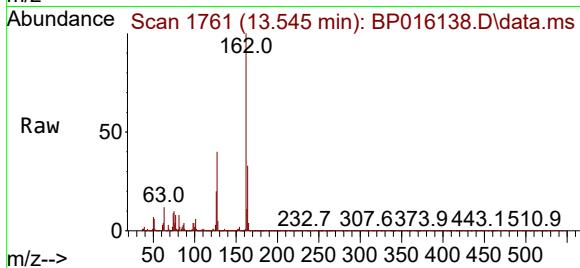
Tgt Ion:162 Resp: 1200824

Ion Ratio Lower Upper

162 100

164 32.5 26.1 39.1

127 39.9 33.4 50.0



#45

2-Nitroaniline

Concen: 20.785 ng/ul

RT: 13.787 min Scan# 1802

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

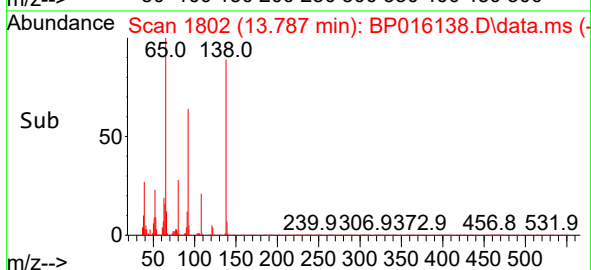
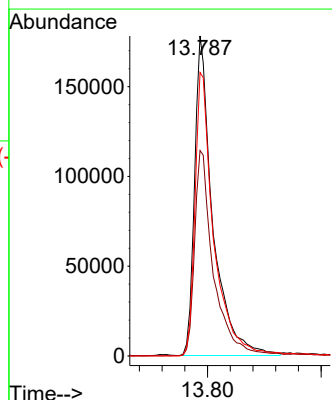
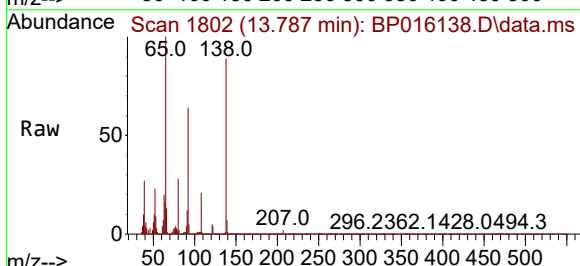
Tgt Ion: 65 Resp: 397787

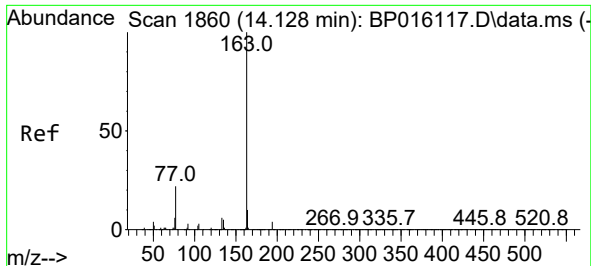
Ion Ratio Lower Upper

65 100

92 64.2 49.5 74.3

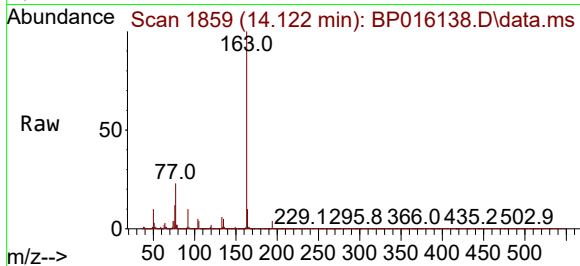
138 88.6 71.4 107.2



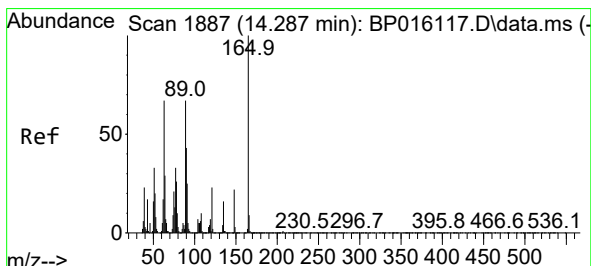
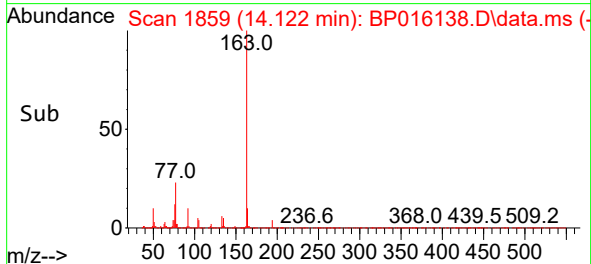
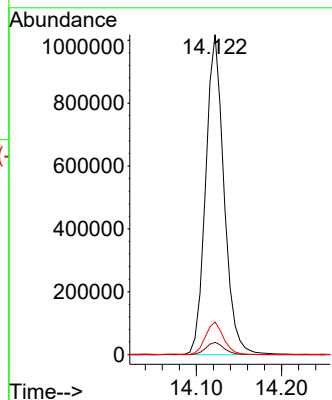


#47
Dimethylphthalate
Concen: 19.447 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Instrument :
BNA_P
ClientSampleId :

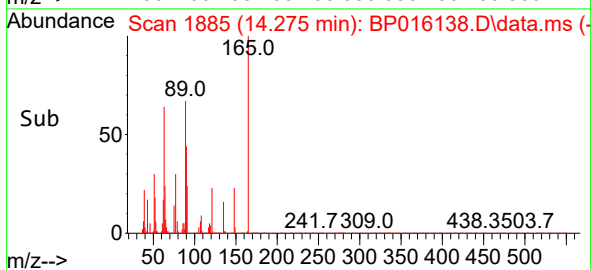
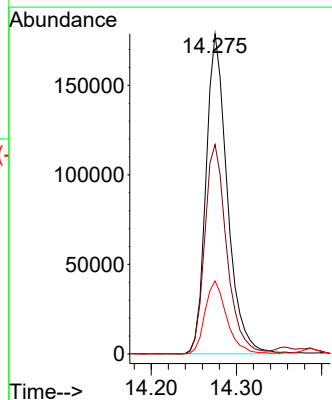
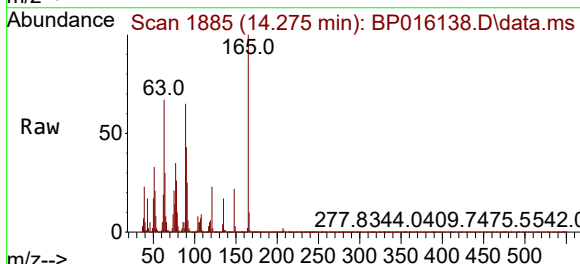


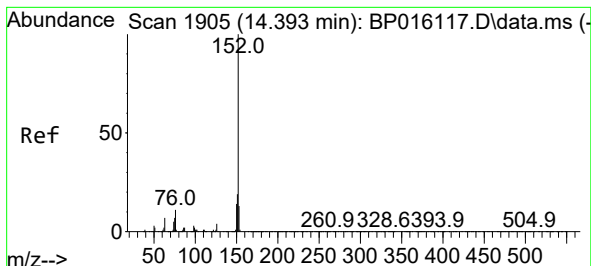
Tgt Ion:163 Resp: 1516400
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 19.629 ng/ul
RT: 14.275 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:165 Resp: 310468
Ion Ratio Lower Upper
165 100
89 65.5 54.1 81.1
121 22.8 18.2 27.2





#50

Acenaphthylene

Concen: 19.928 ng/ul

RT: 14.387 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

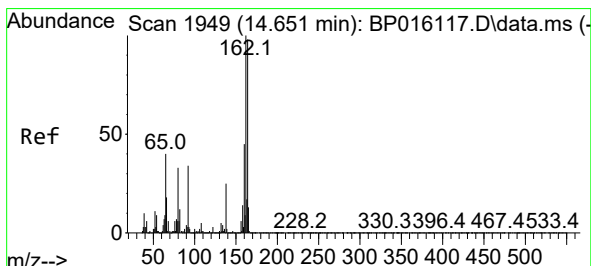
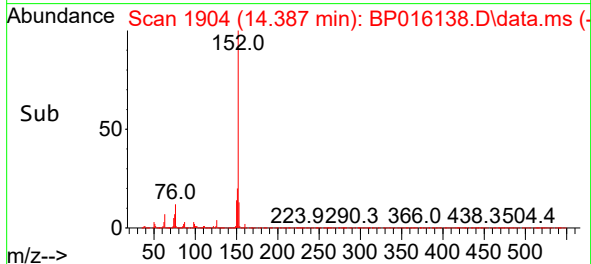
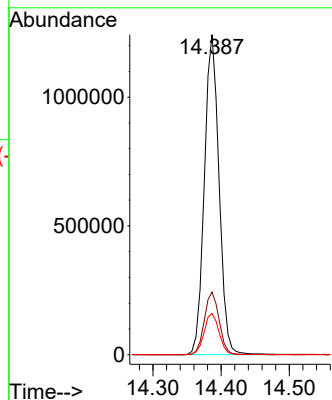
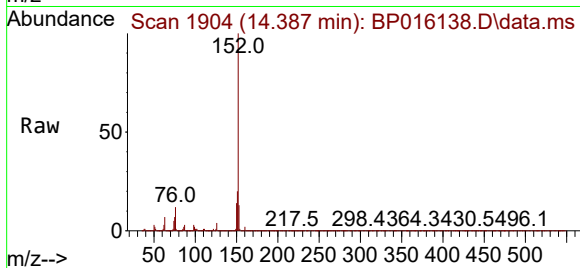
Tgt Ion:152 Resp: 1859774

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

153 12.9 10.5 15.7



#51

3-Nitroaniline

Concen: 22.345 ng/ul

RT: 14.628 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

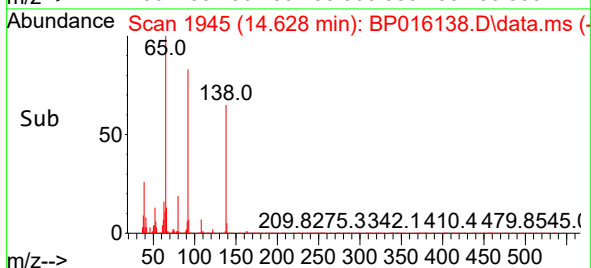
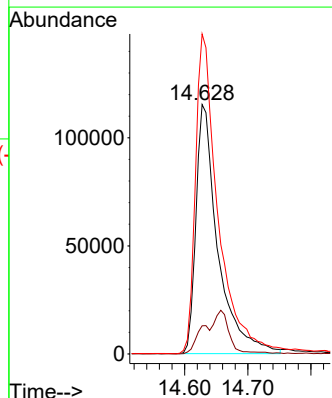
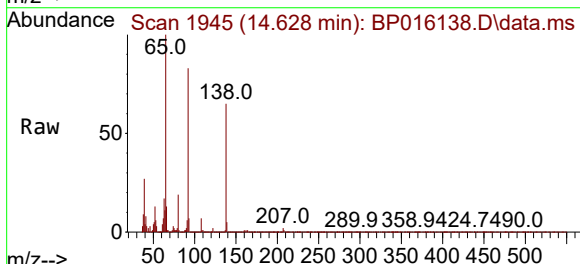
Tgt Ion:138 Resp: 277146

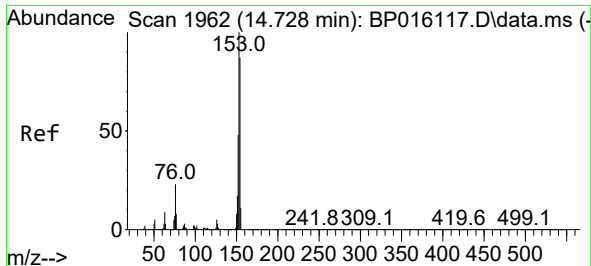
Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 128.3 96.8 145.2

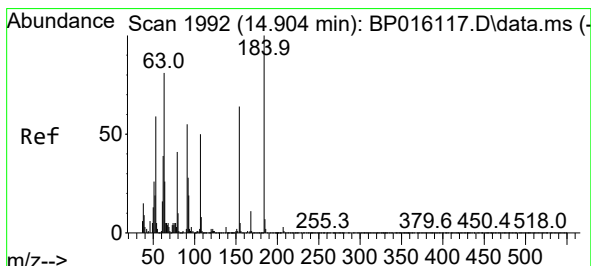
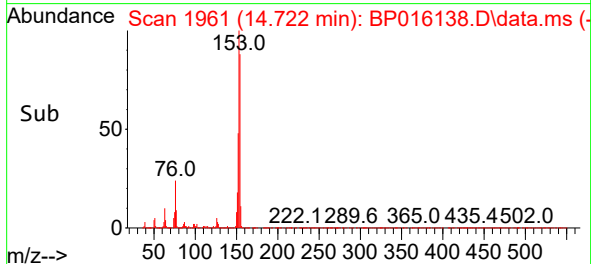
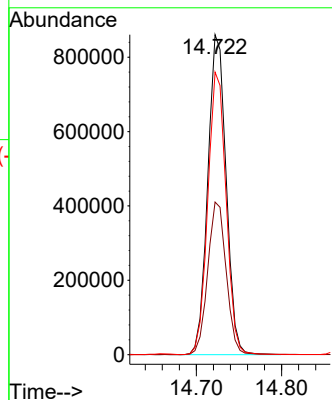
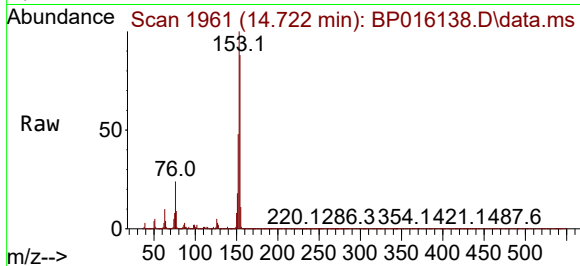




#52
Acenaphthene
Concen: 19.833 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

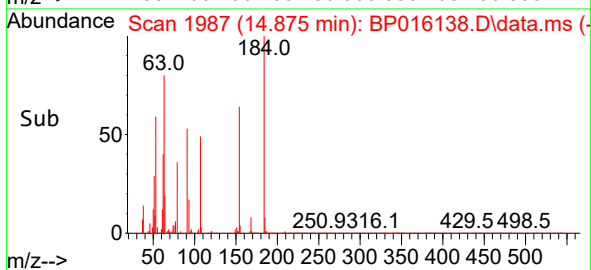
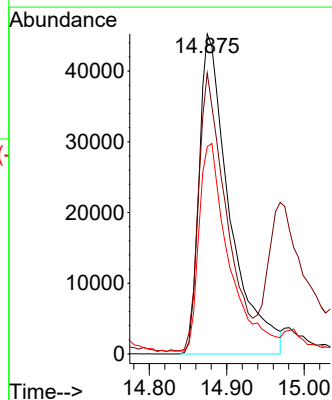
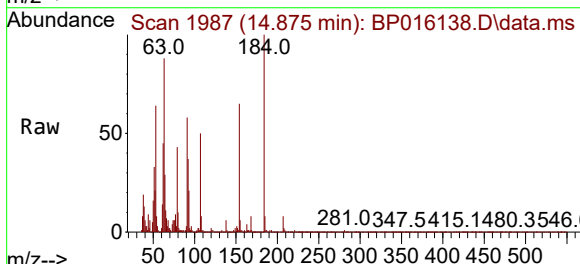
Instrument :
BNA_P
ClientSampleId :

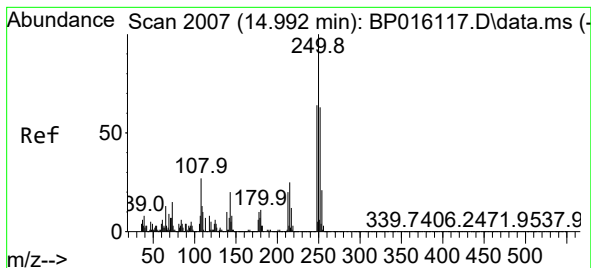
Tgt Ion:153 Resp: 1283470
Ion Ratio Lower Upper
153 100
152 47.7 39.4 59.2
154 88.3 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 14.638 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:184 Resp: 122835
Ion Ratio Lower Upper
184 100
63 87.8 71.4 107.0
154 64.8 61.1 91.7

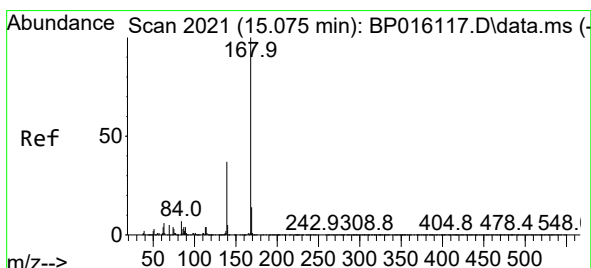
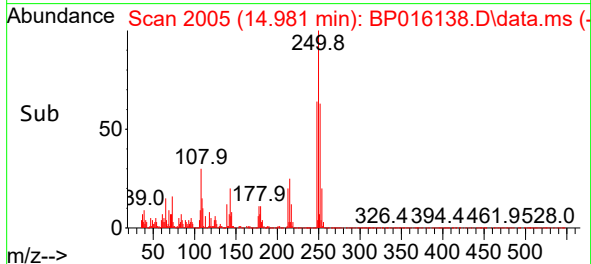
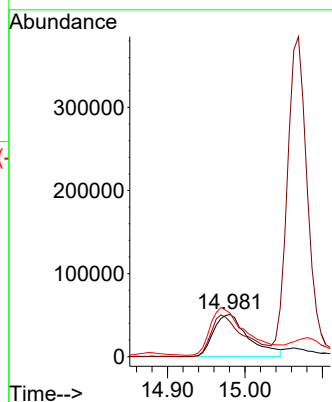
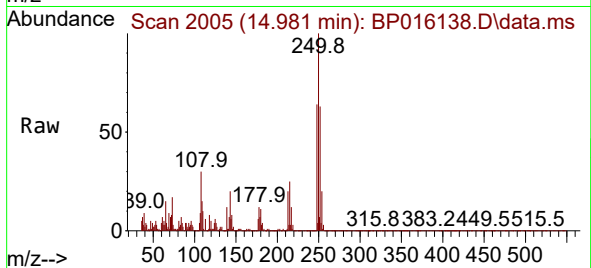




#55
4-Nitrophenol
Concen: 15.356 ng/ul
RT: 14.981 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

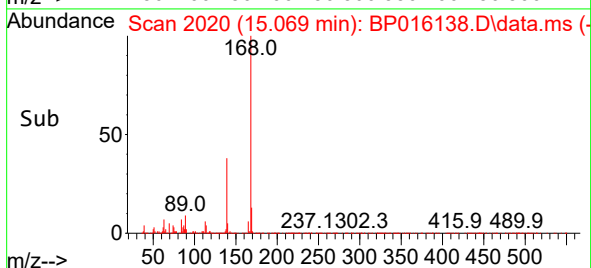
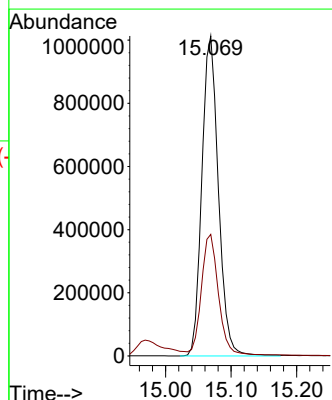
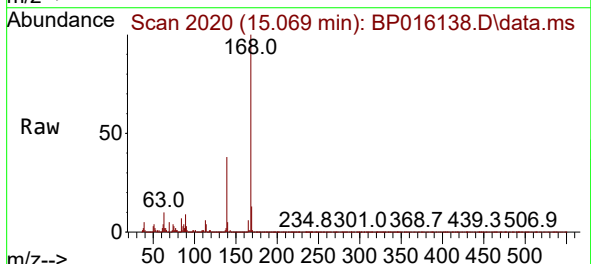
Instrument :
BNA_P
ClientSampleId :

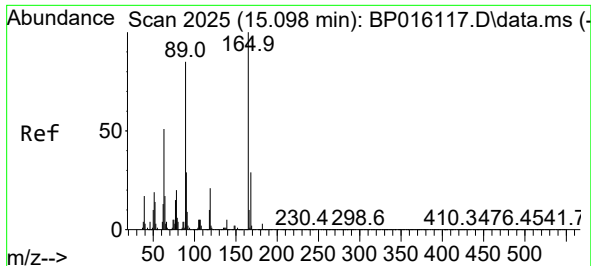
Tgt Ion:109 Resp: 158217
Ion Ratio Lower Upper
109 100
139 82.9 81.3 121.9
65 103.1 99.9 149.9



#56
Dibenzofuran
Concen: 19.767 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

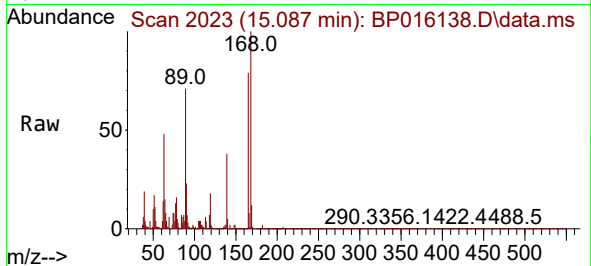
Tgt Ion:168 Resp: 1775777
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.4



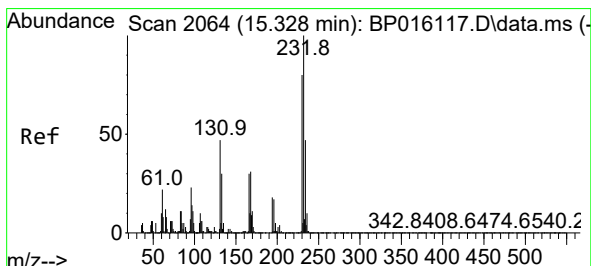
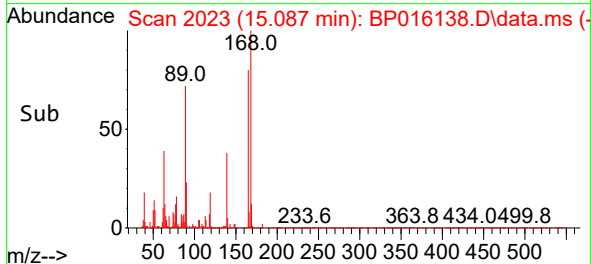
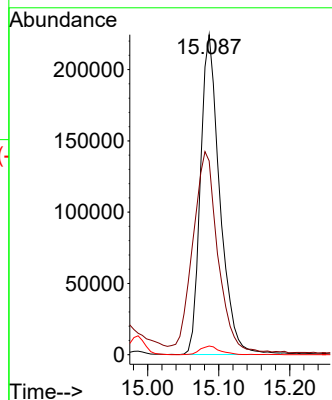


#57
2,4-Dinitrotoluene
Concen: 19.790 ng/ul
RT: 15.087 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Instrument :
BNA_P
ClientSampleId :

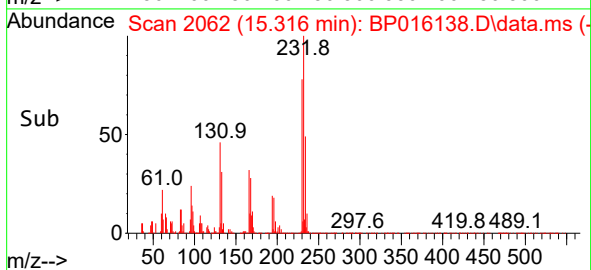
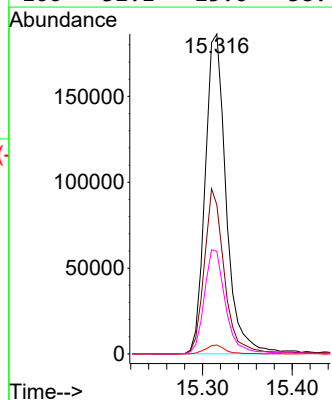
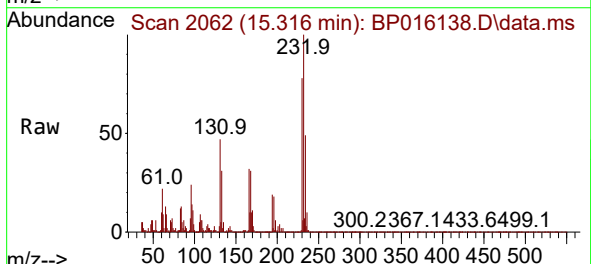


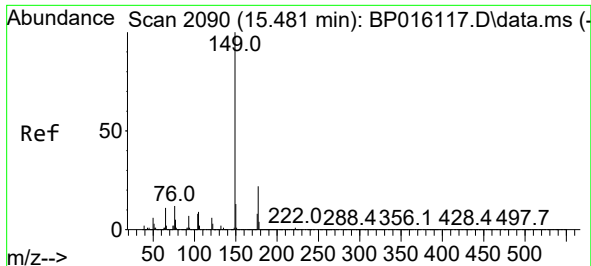
Tgt Ion:165 Resp: 426552
Ion Ratio Lower Upper
165 100
63 60.5 56.8 85.2
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.358 ng/ul
RT: 15.316 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:232 Resp: 302545
Ion Ratio Lower Upper
232 100
131 46.6 38.2 57.2
130 2.8 2.2 3.2
166 32.1 25.6 38.4

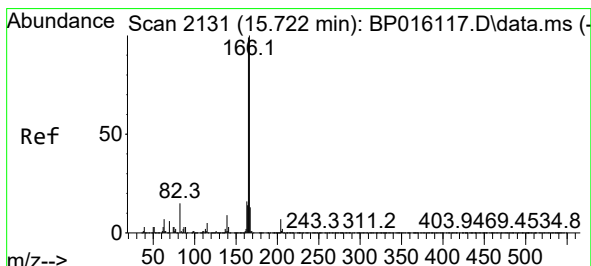
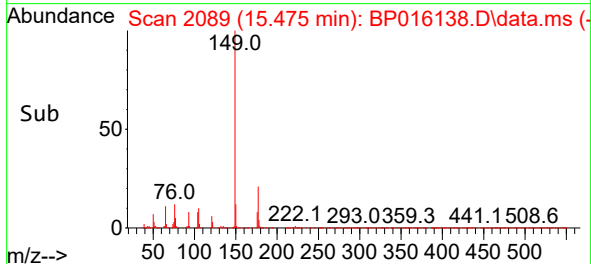
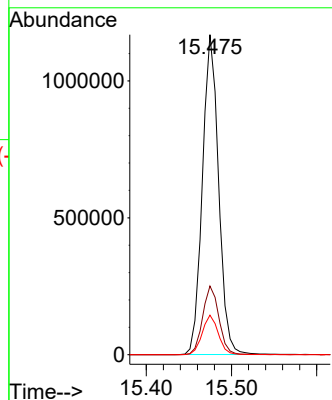
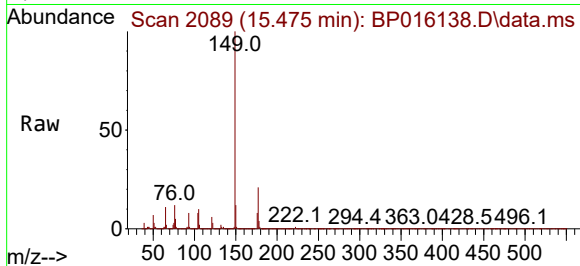




#59
Diethylphthalate
Concen: 19.553 ng/ul
RT: 15.475 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

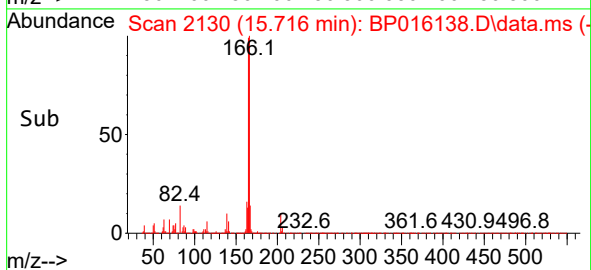
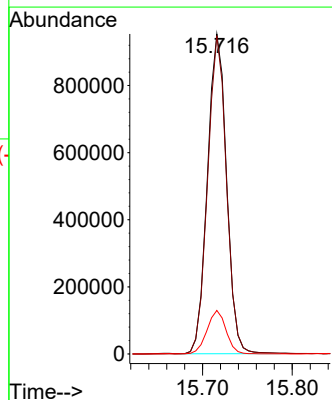
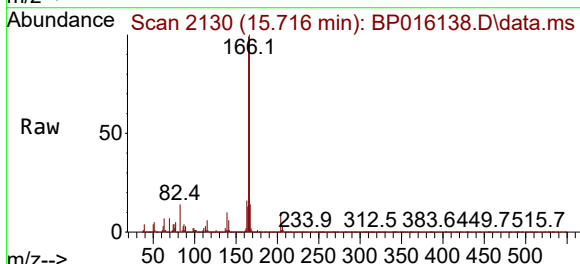
Instrument :
BNA_P
ClientSampleId :

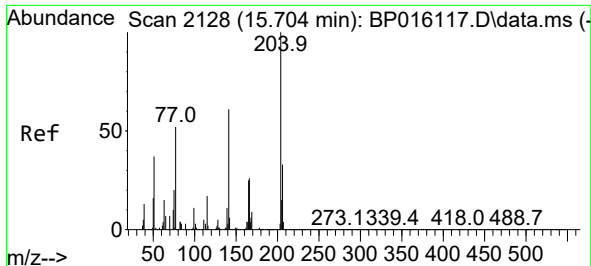
Tgt Ion:149 Resp: 1542838
Ion Ratio Lower Upper
149 100
177 21.5 16.8 25.2
150 12.4 10.3 15.5



#61
Fluorene
Concen: 19.361 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:166 Resp: 1410804
Ion Ratio Lower Upper
166 100
165 99.4 78.7 118.1
167 13.6 10.5 15.7

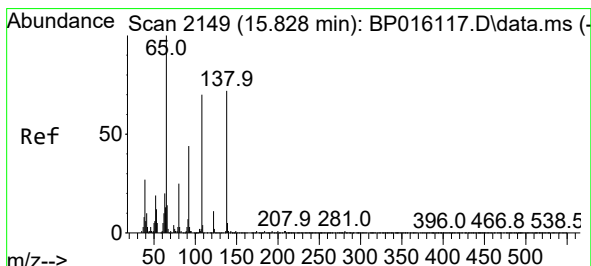
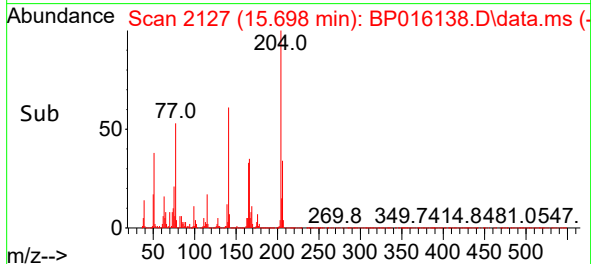
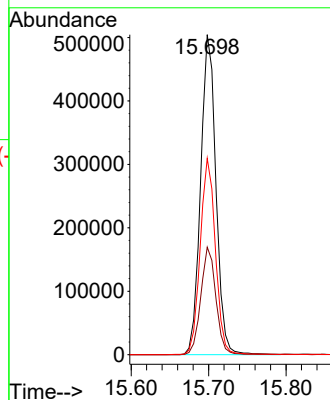
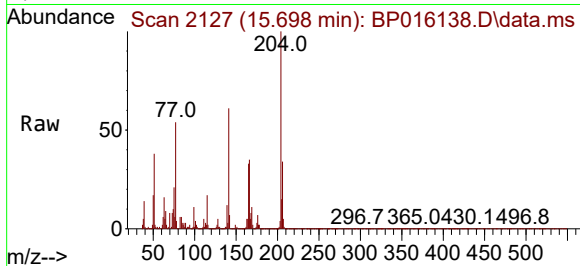




#62
4-Chlorophenyl-phenylether
Concen: 18.558 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

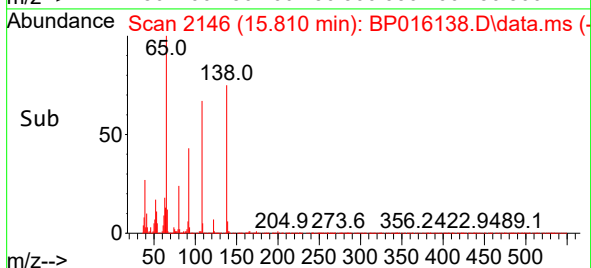
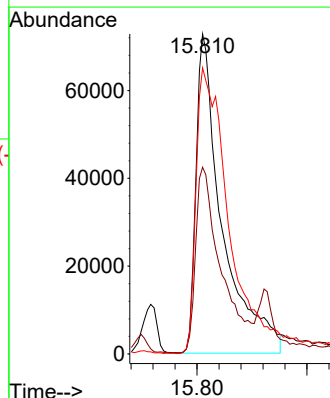
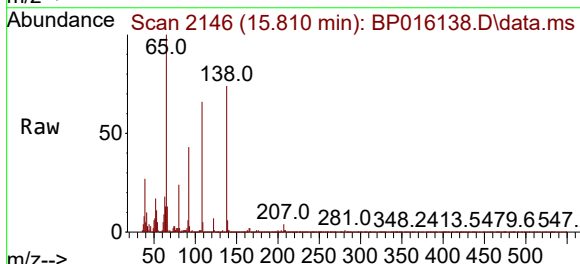
Instrument :
BNA_P
ClientSampleId :

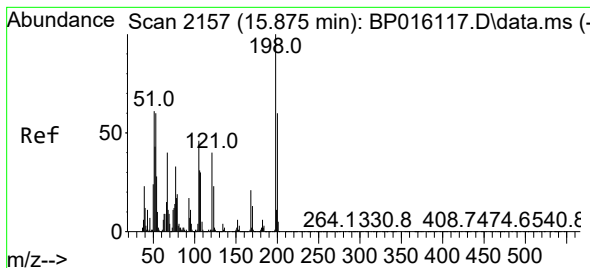
Tgt Ion:204 Resp: 691936
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 61.3 51.8 77.8



#63
4-Nitroaniline
Concen: 28.206 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:138 Resp: 239442
Ion Ratio Lower Upper
138 100
92 58.3 50.1 75.1
108 89.4 85.5 128.3

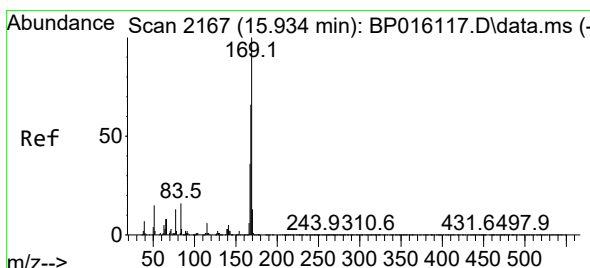
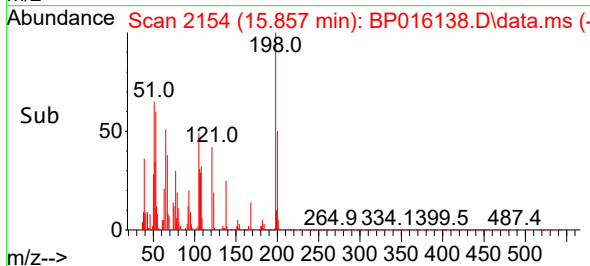
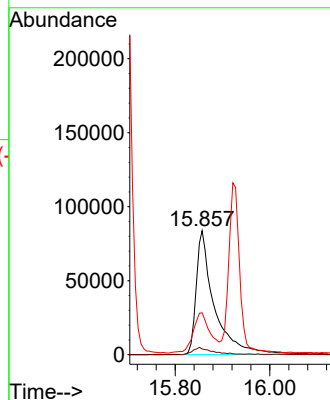
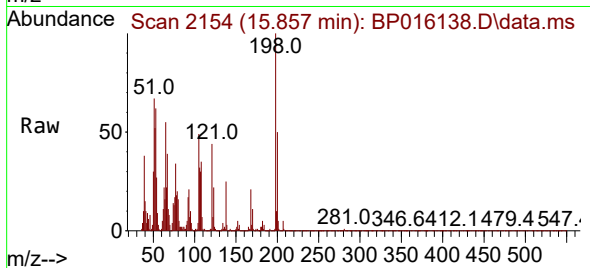




#66
4,6-Dinitro-2-methylphenol
Concen: 17.982 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

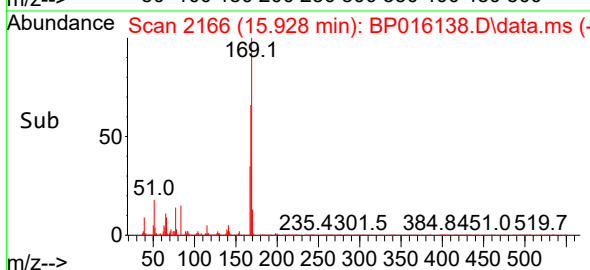
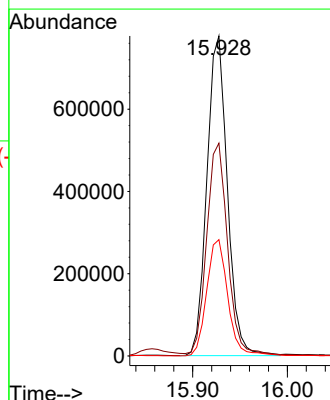
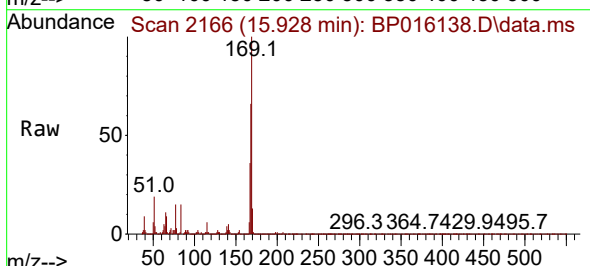
Instrument :
BNA_P
ClientSampleId :

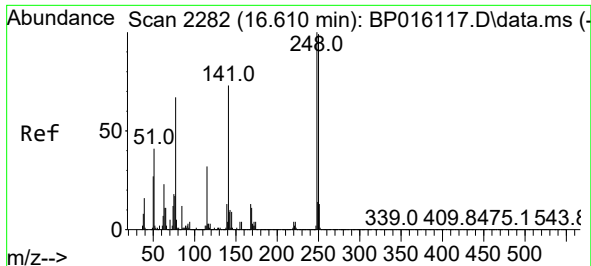
Tgt Ion:198 Resp: 220319
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.2
77 33.8 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 19.783 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

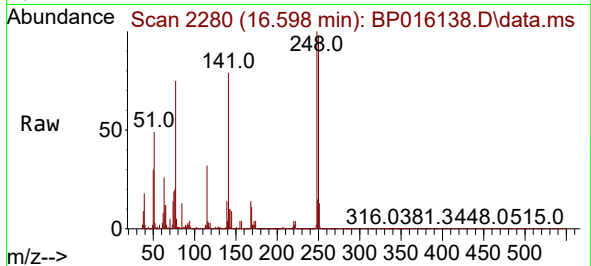
Tgt Ion:169 Resp: 1166169
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 36.3 29.7 44.5



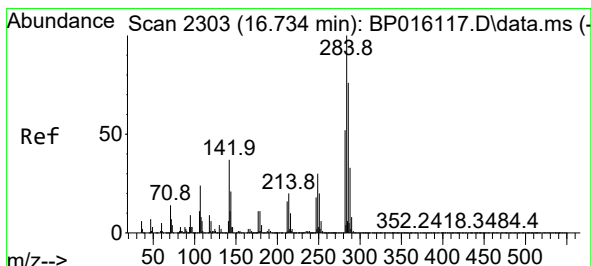
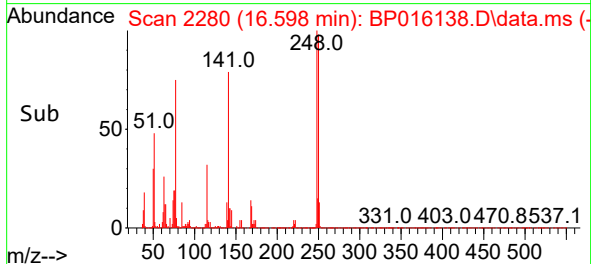
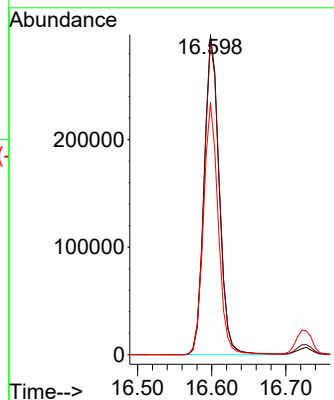


#68
4-Bromophenyl-phenylether
Concen: 18.684 ng/ul
RT: 16.598 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Instrument :
BNA_P
ClientSampleId :

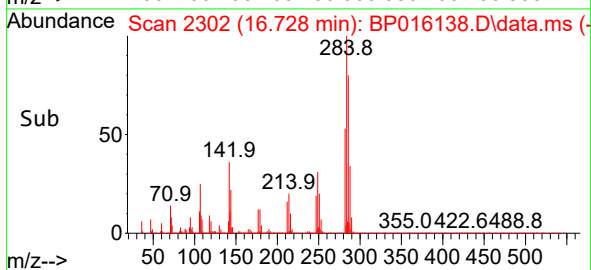
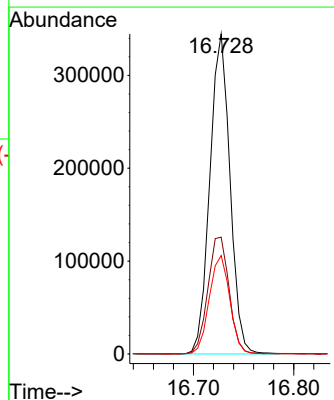
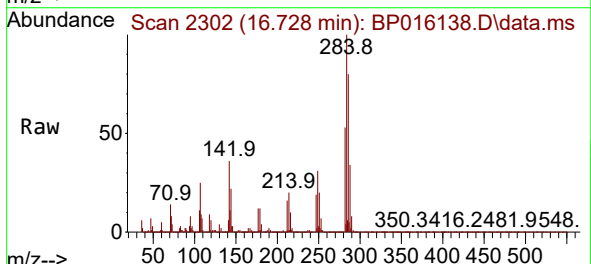


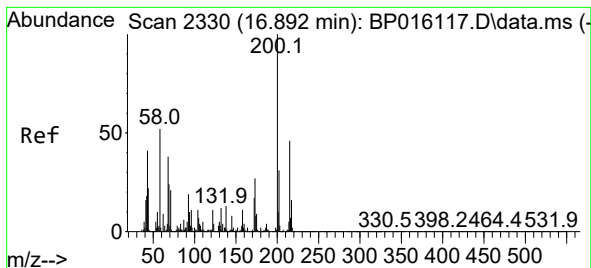
Tgt Ion:248 Resp: 420122
Ion Ratio Lower Upper
248 100
250 97.9 84.6 126.8
141 78.8 67.8 101.6



#69
Hexachlorobenzene
Concen: 18.150 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.018 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:284 Resp: 481542
Ion Ratio Lower Upper
284 100
142 36.5 27.8 41.8
249 30.7 26.1 39.1





#70

Atrazine

Concen: 5.621 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

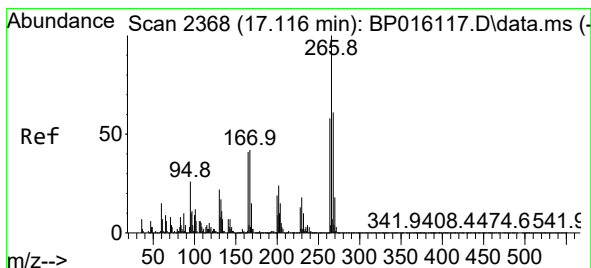
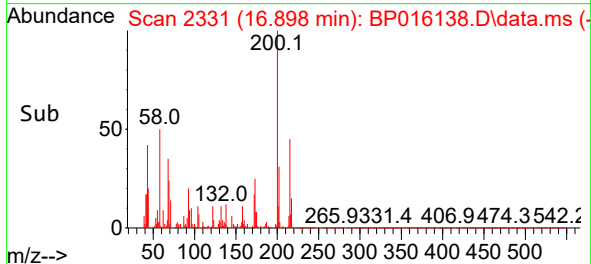
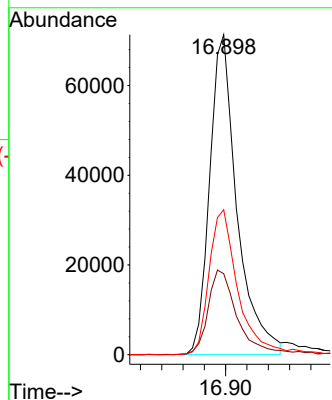
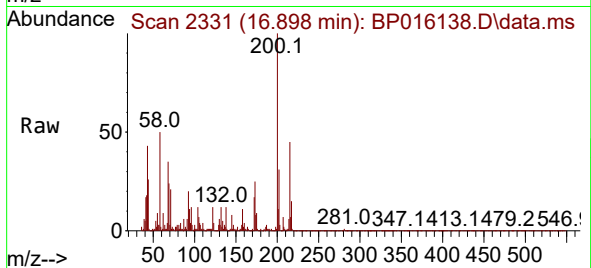
Tgt Ion:200 Resp: 126829

Ion Ratio Lower Upper

200 100

173 25.3 19.8 29.8

215 45.3 36.8 55.2



#71

Pentachlorophenol

Concen: 13.702 ng/ul

RT: 17.104 min Scan# 2366

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

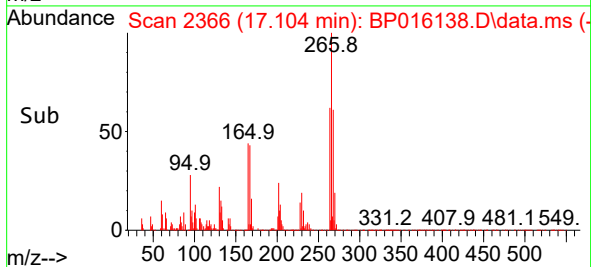
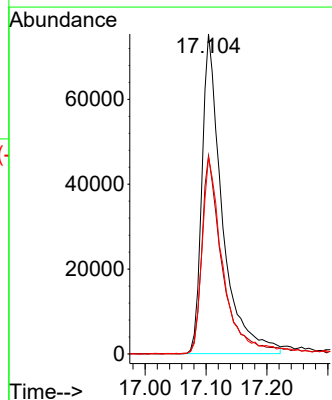
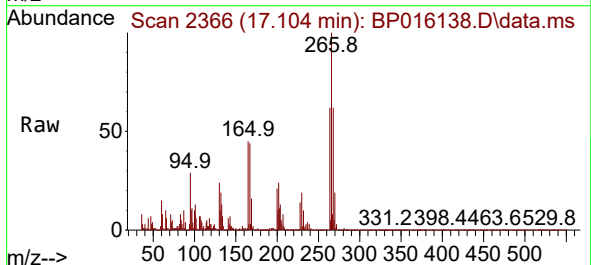
Tgt Ion:266 Resp: 174481

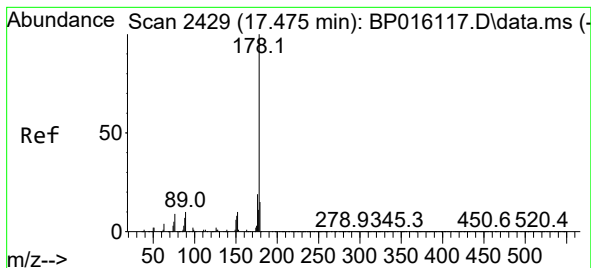
Ion Ratio Lower Upper

266 100

264 62.0 53.4 80.2

268 61.5 51.4 77.2





#72

Phenanthrene

Concen: 20.025 ng/ul

RT: 17.469 min Scan# 2429

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

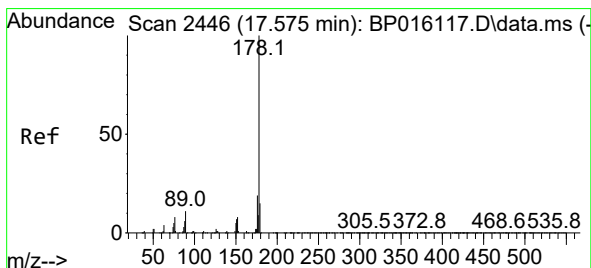
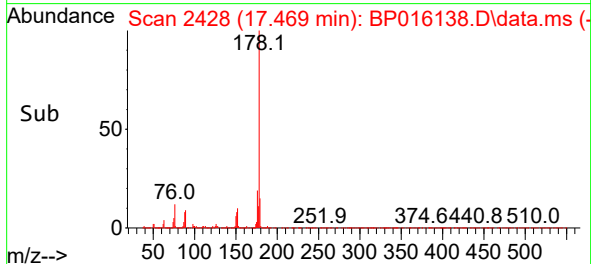
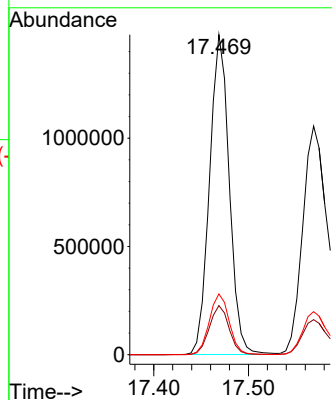
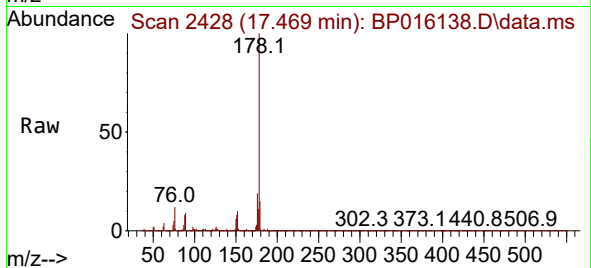
Tgt Ion:178 Resp: 2142076

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.0 15.6 23.4



#74

Anthracene

Concen: 19.761 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

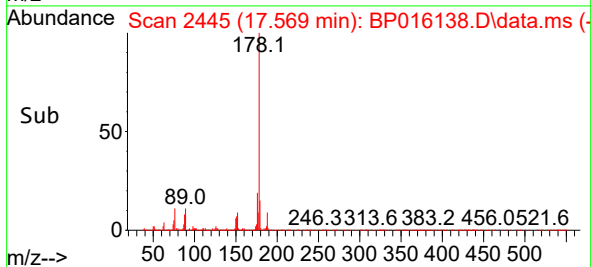
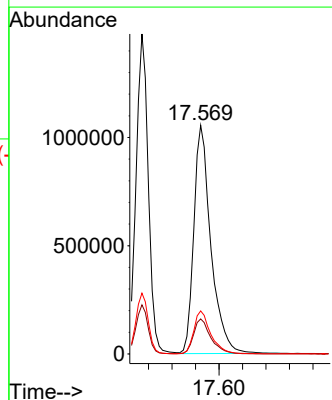
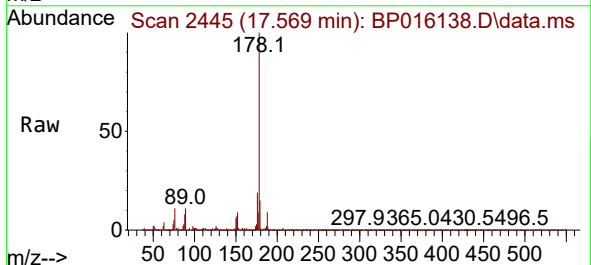
Tgt Ion:178 Resp: 2123998

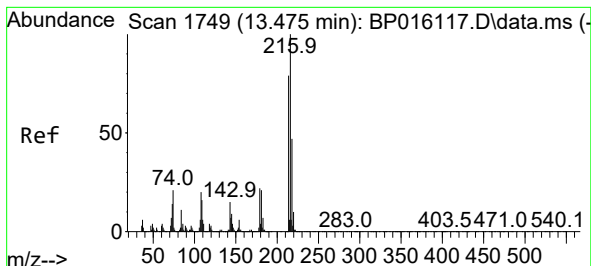
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.8 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.900 ng/uL

RT: 13.469 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

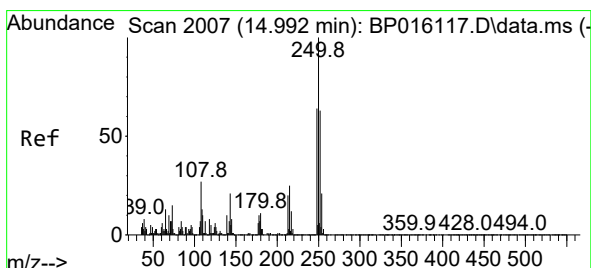
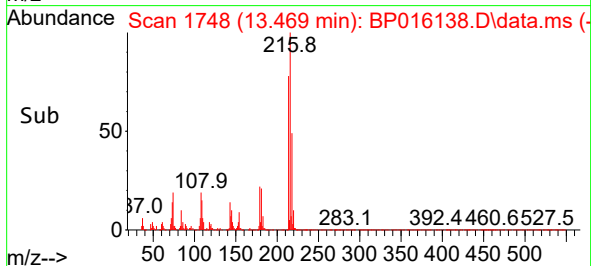
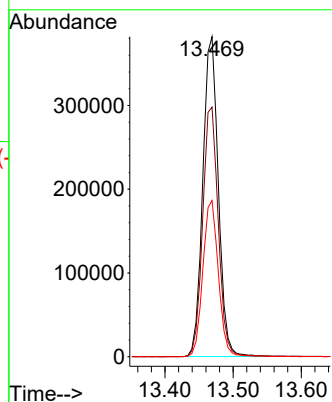
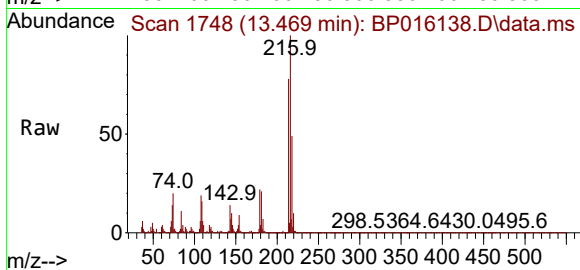
Tgt Ion:216 Resp: 605584

Ion Ratio Lower Upper

216 100

214 78.0 62.0 93.0

218 48.8 38.4 57.6



#76

Pentachlorobenzene

Concen: 18.460 ng/uL

RT: 14.987 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

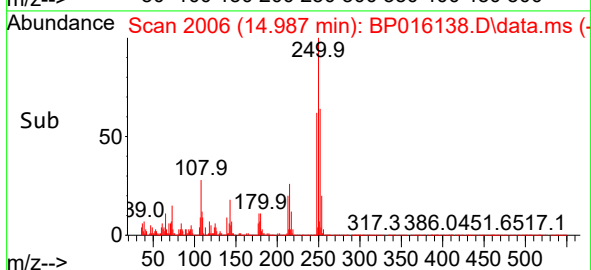
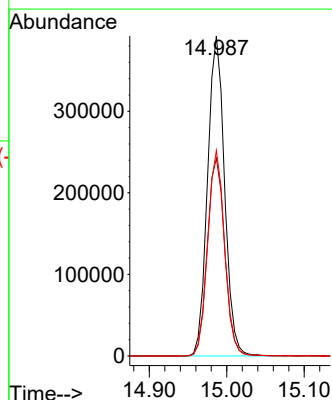
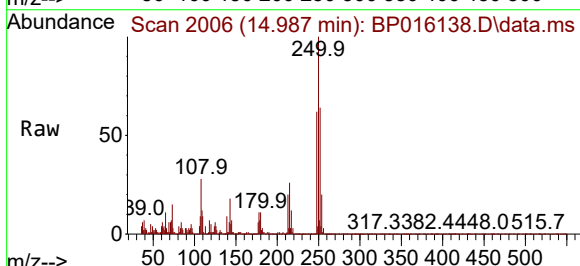
Tgt Ion:250 Resp: 596941

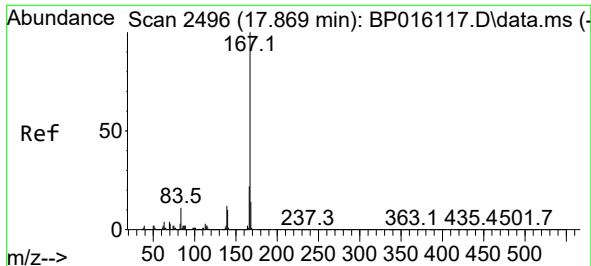
Ion Ratio Lower Upper

250 100

248 61.8 50.7 76.1

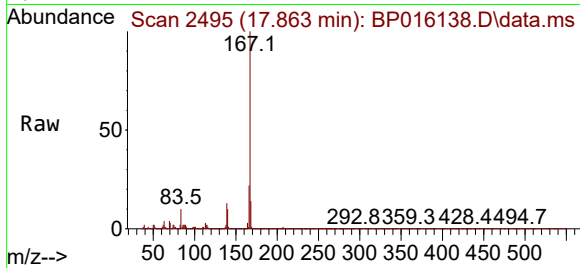
252 64.2 51.2 76.8



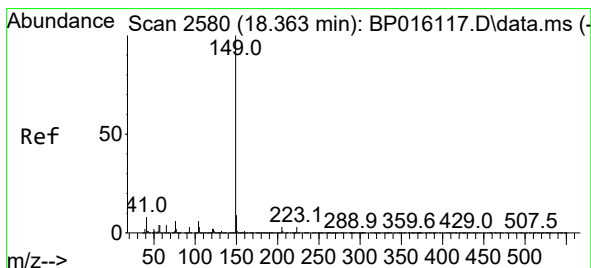
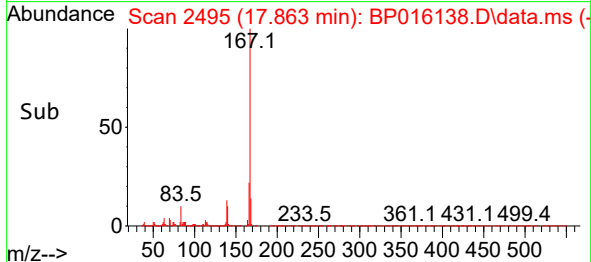
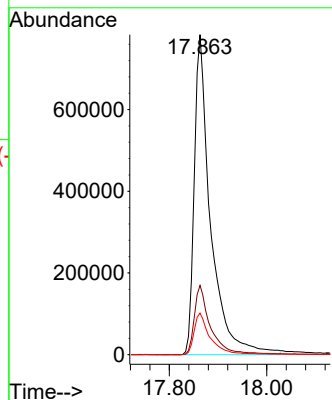


#77
 Carbazole
 Concen: 20.143 ng/ul
 RT: 17.863 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BP016138.D
 Acq: 09 Jul 2023 18:29

Instrument :
 BNA_P
 ClientSampleId :

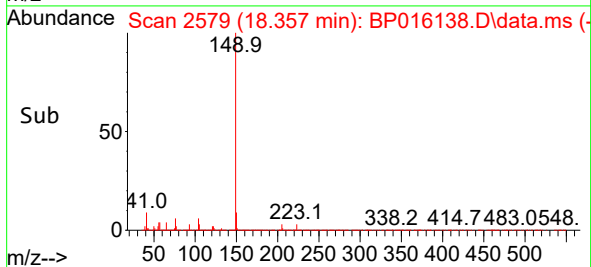
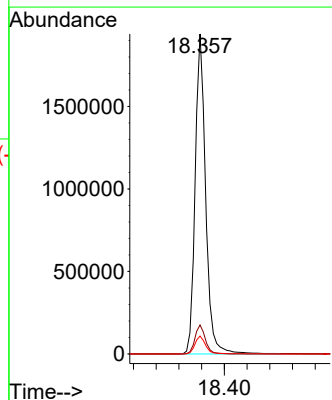
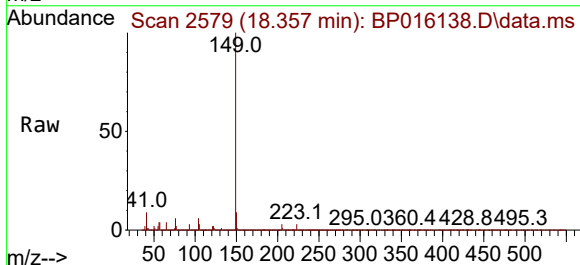


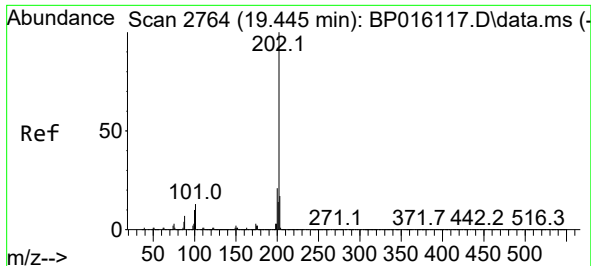
Tgt Ion:167 Resp: 1824840
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 20.805 ng/ul
 RT: 18.357 min Scan# 2579
 Delta R.T. -0.012 min
 Lab File: BP016138.D
 Acq: 09 Jul 2023 18:29

Tgt Ion:149 Resp: 2498790
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.6 4.6 7.0

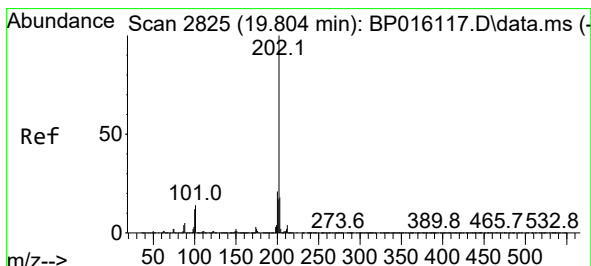
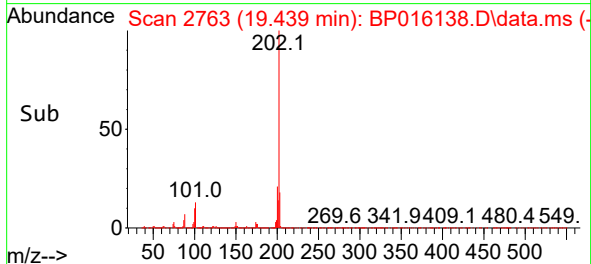
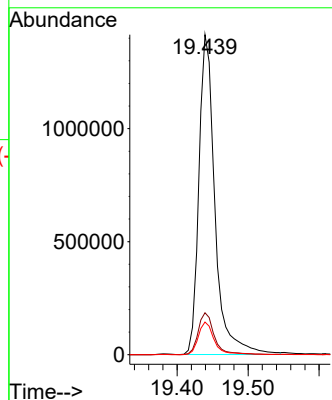
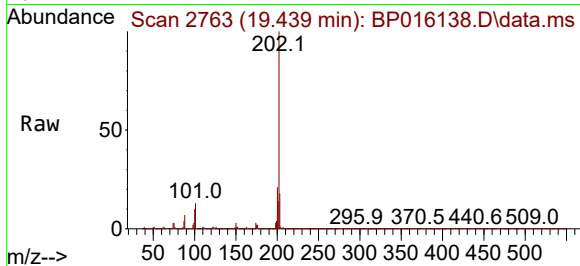




#80
Fluoranthene
Concen: 19.958 ng/ul
RT: 19.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

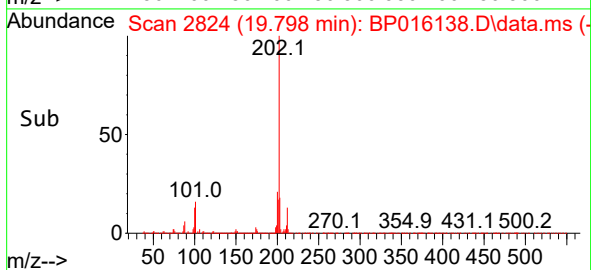
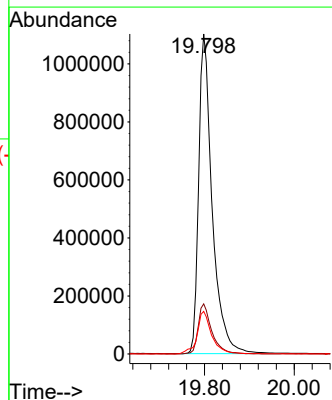
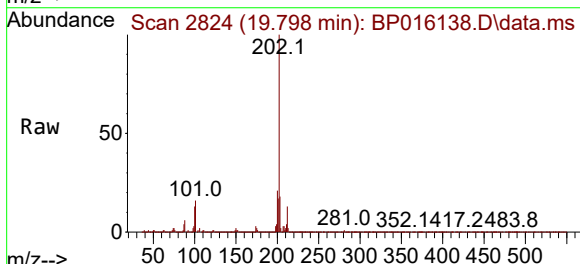
Instrument :
BNA_P
ClientSampleId :

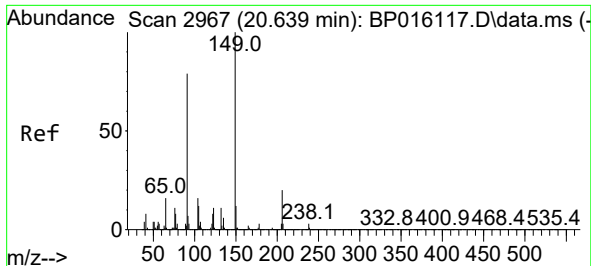
Tgt Ion:202 Resp: 2238568
Ion Ratio Lower Upper
202 100
101 13.1 8.3 12.5#
100 10.2 6.6 9.8#



#82
Pyrene
Concen: 20.148 ng/ul
RT: 19.798 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:202 Resp: 2305220
Ion Ratio Lower Upper
202 100
101 15.6 9.3 13.9#
100 13.3 7.6 11.4#

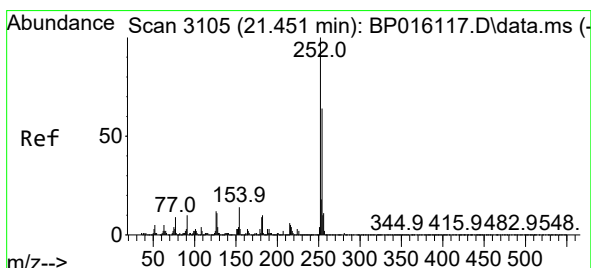
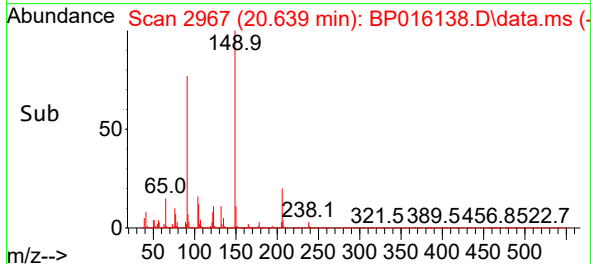
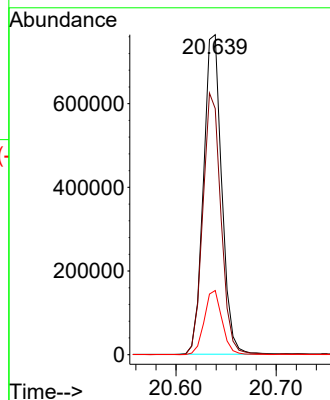
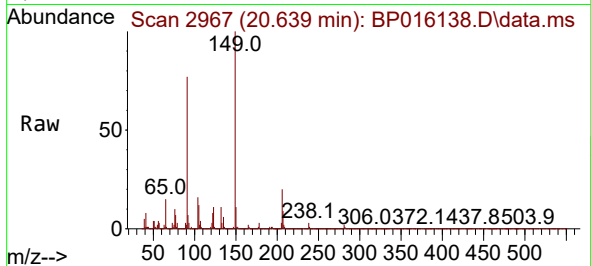




#83
Butylbenzylphthalate
Concen: 20.748 ng/ul
RT: 20.639 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

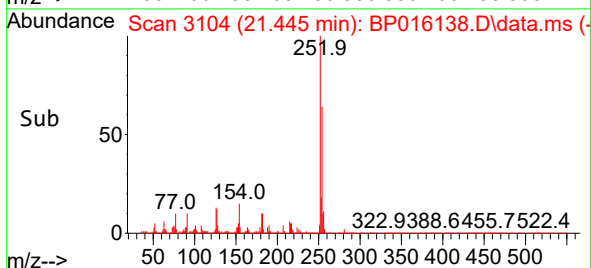
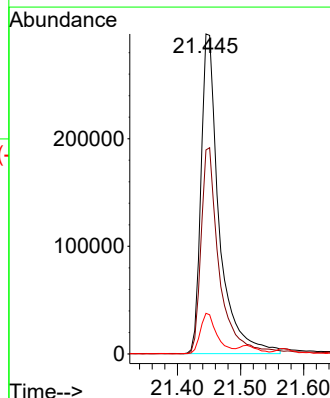
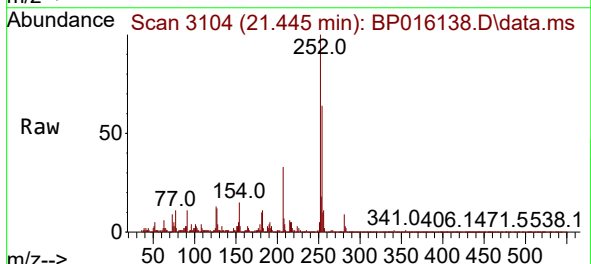
Instrument :
BNA_P
ClientSampleId :

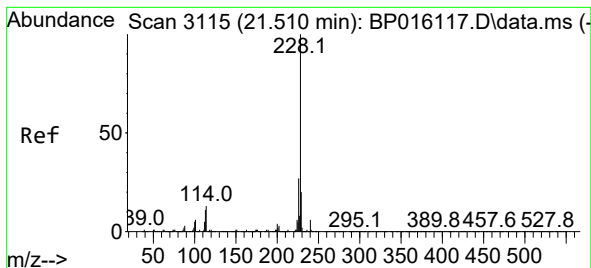
Tgt Ion:149 Resp: 968469
Ion Ratio Lower Upper
149 100
91 76.9 59.8 89.6
206 20.1 16.4 24.6



#84
3,3'-Dichlorobenzidine
Concen: 18.958 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP016138.D
Acq: 09 Jul 2023 18:29

Tgt Ion:252 Resp: 592308
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 12.7 8.6 13.0





#85

Benzo(a)anthracene

Concen: 19.127 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

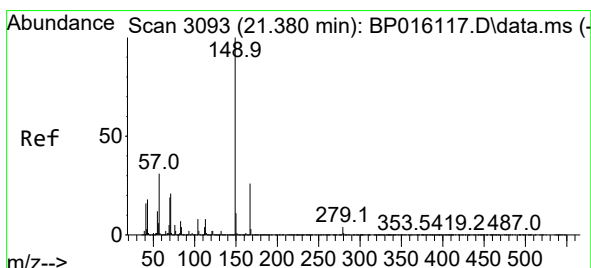
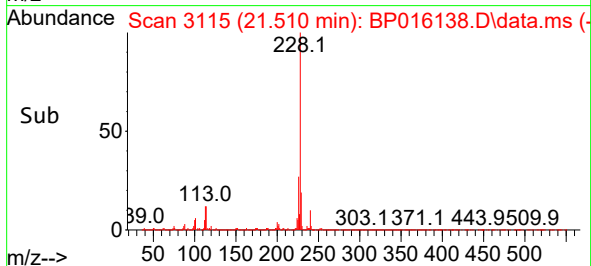
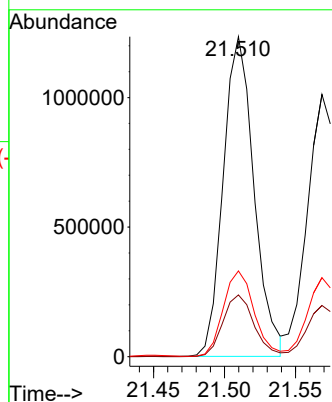
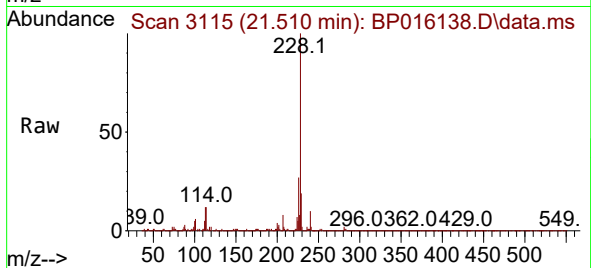
Tgt Ion:228 Resp: 1859585

Ion Ratio Lower Upper

228 100

229 19.3 15.3 22.9

226 26.8 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.699 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

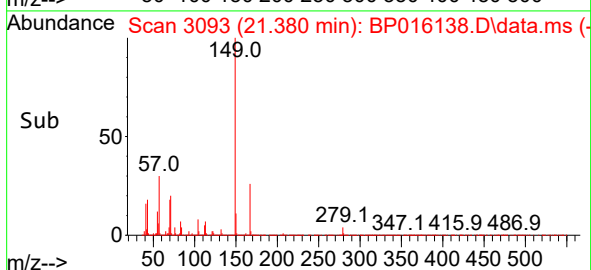
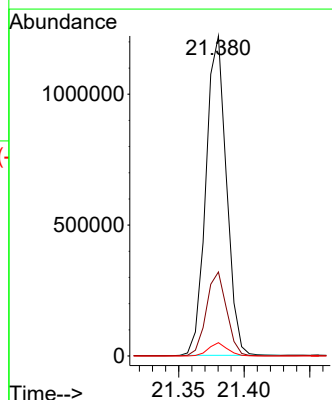
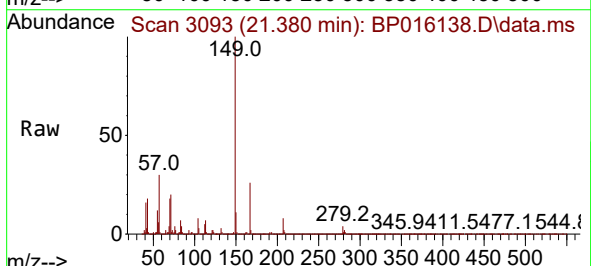
Tgt Ion:149 Resp: 1327820

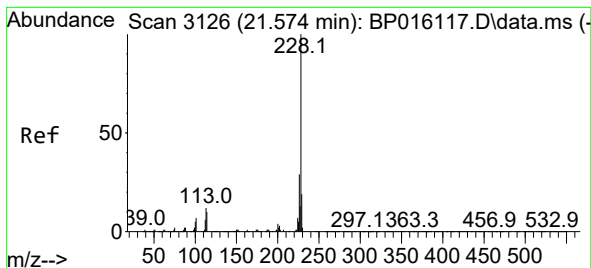
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.6

279 4.1 3.8 5.6





#87

Chrysene

Concen: 20.595 ng/ul

RT: 21.569 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

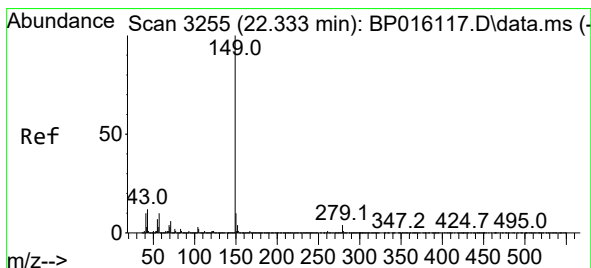
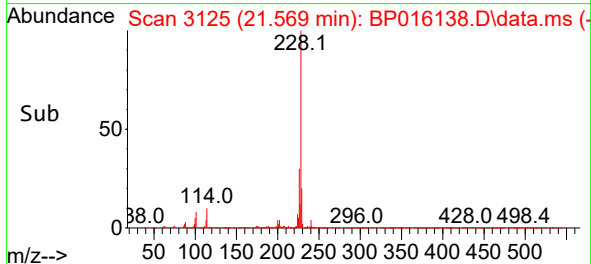
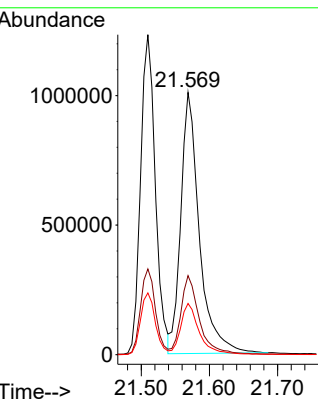
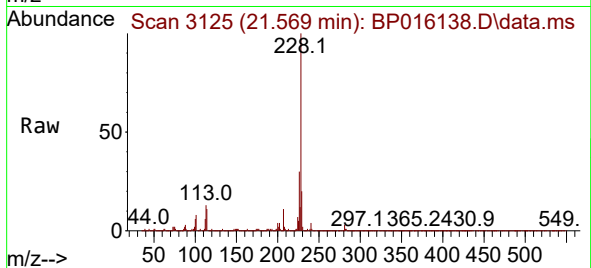
Tgt Ion:228 Resp: 1899739

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.101 ng/ul

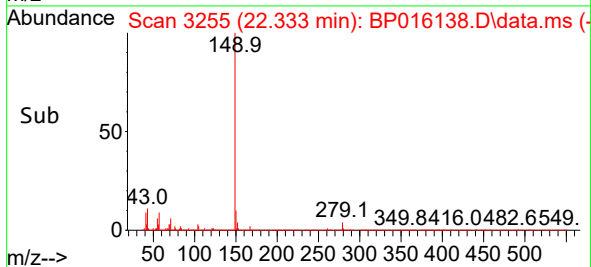
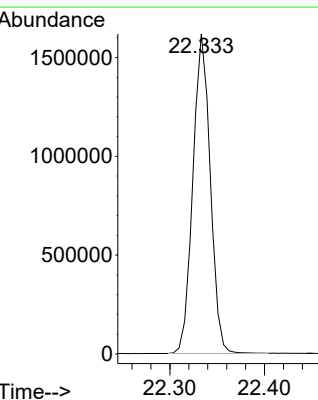
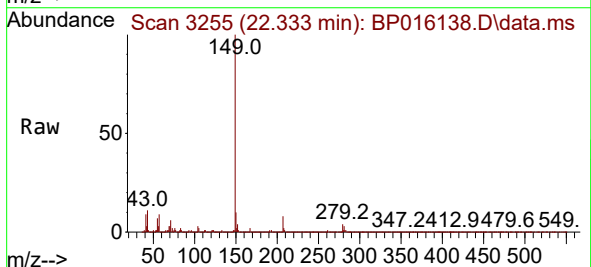
RT: 22.333 min Scan# 3255

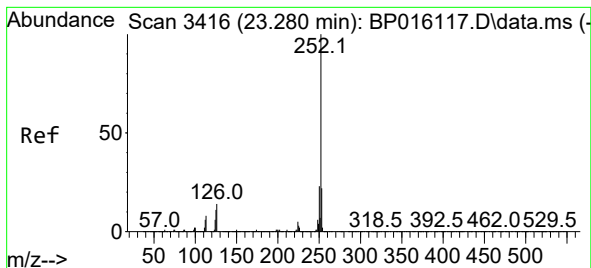
Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Tgt Ion:149 Resp: 2058659





#90

Benzo(b)fluoranthene

Concen: 19.896 ng/ul

RT: 23.333 min Scan# 3416

Delta R.T. 0.041 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

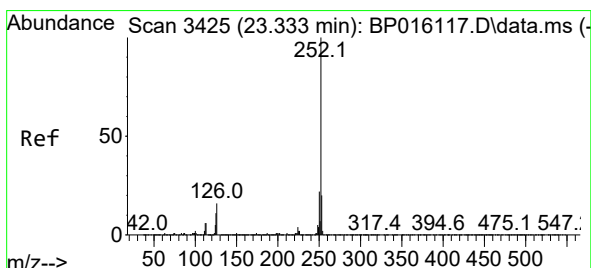
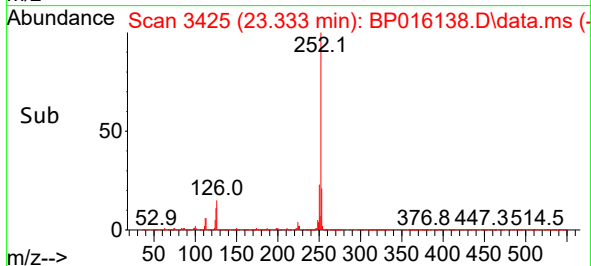
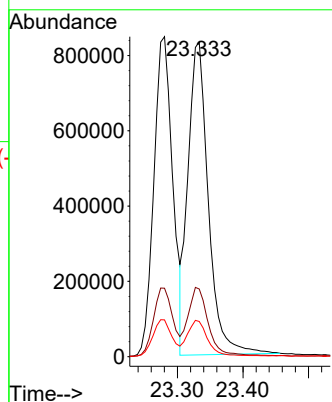
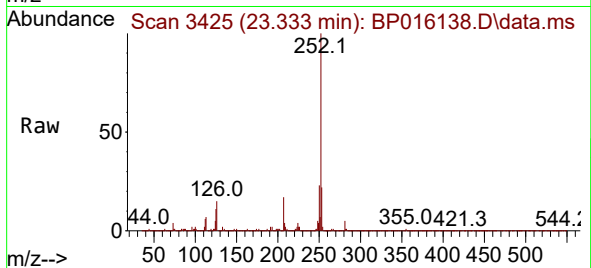
Tgt Ion:252 Resp: 1791606

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 11.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 19.829 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

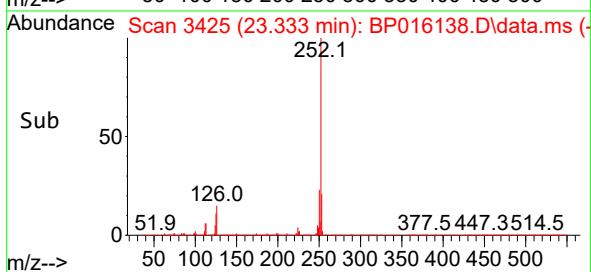
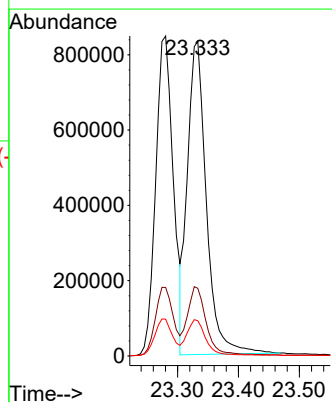
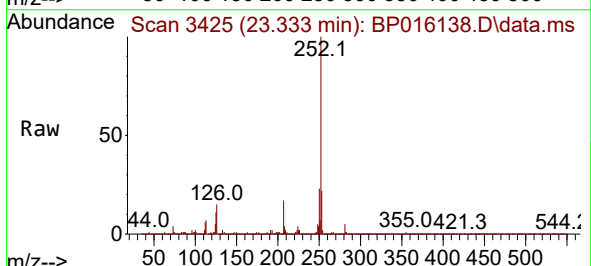
Tgt Ion:252 Resp: 1804090

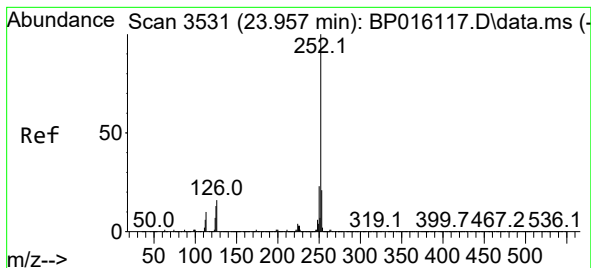
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 11.2 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 19.612 ng/ul

RT: 23.957 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

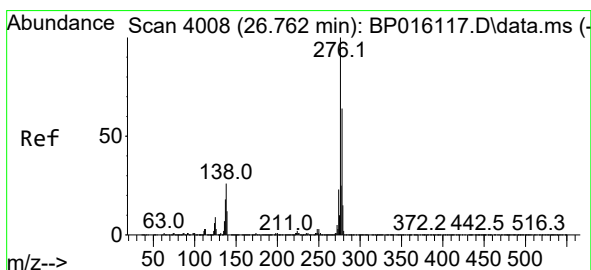
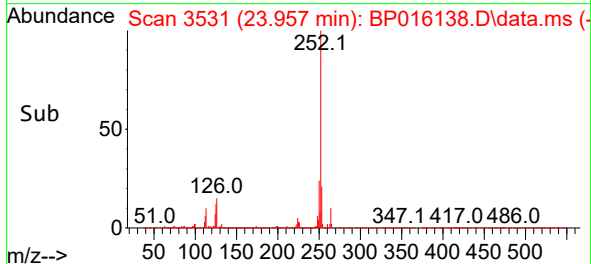
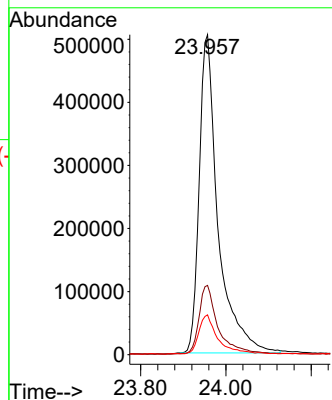
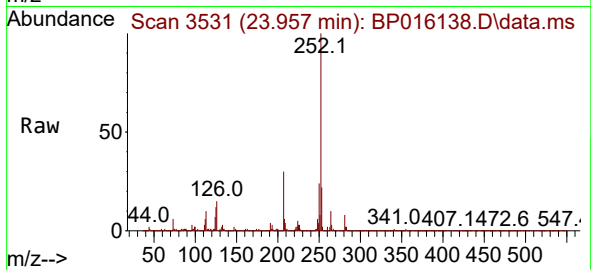
Tgt Ion:252 Resp: 1543154

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.026 ng/ul

RT: 26.756 min Scan# 4007

Delta R.T. -0.018 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

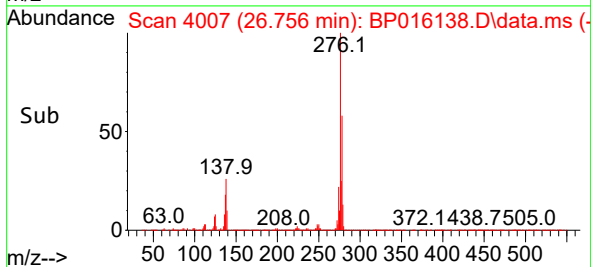
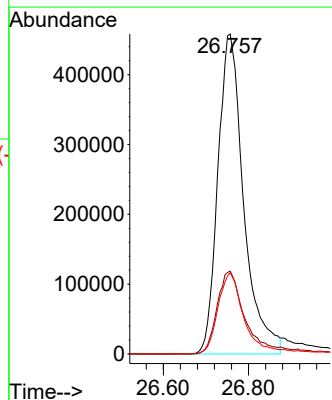
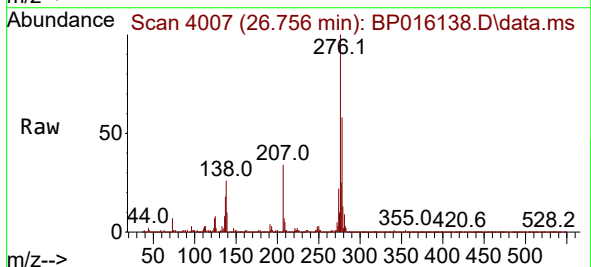
Tgt Ion:276 Resp: 1925383

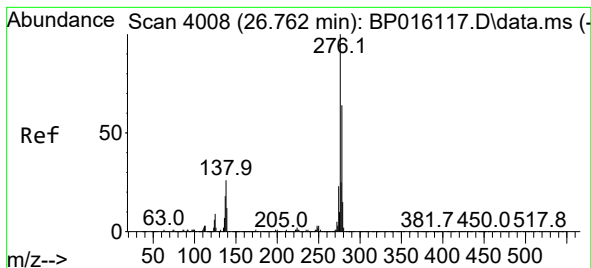
Ion Ratio Lower Upper

276 100

138 25.9 15.7 23.5#

277 25.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 18.209 ng/ul

RT: 26.756 min Scan# 4008

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Instrument :

BNA_P

ClientSampleId :

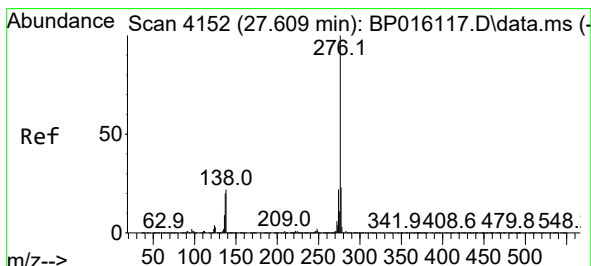
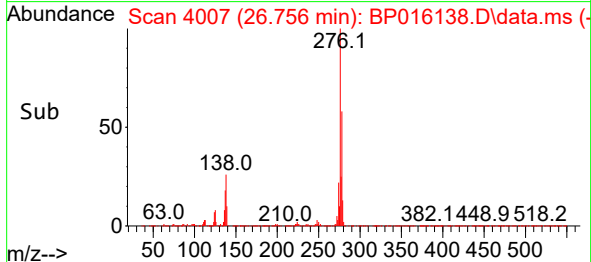
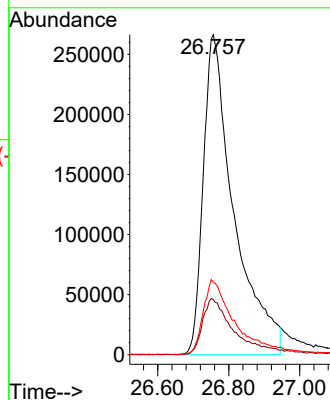
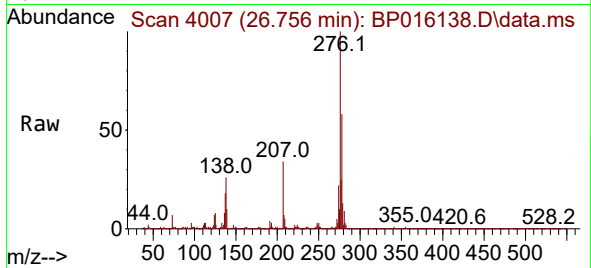
Tgt Ion:278 Resp: 1597525

Ion Ratio Lower Upper

278 100

139 17.2 10.5 15.7#

279 22.7 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 18.351 ng/ul

RT: 27.598 min Scan# 4150

Delta R.T. -0.024 min

Lab File: BP016138.D

Acq: 09 Jul 2023 18:29

Tgt Ion:276 Resp: 1612575

Ion Ratio Lower Upper

276 100

138 24.3 15.1 22.7#

277 23.9 18.8 28.2

