

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016121.D
 Acq On : 09 Jul 2023 08:18
 Operator : MA/JU
 Sample : PB153890BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 09 22:39:14 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	8.016	152	208251	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	966673	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	653565	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.427	188	1512109	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1467738	20.000	ng/u1	-0.01
88) Perylene-d12	24.068	264	1531922	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	24507	4.234	ng/uL	0.00
4) Pyridine-d5	3.793	84	338831	23.222	ng/u1	-0.01
7) Phenol-d5	7.198	99	464369	26.061	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	300392	27.250	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.545	132	349950	26.018	ng/u1	-0.02
15) 4-Methylphenol-d8	8.757	113	358178	25.446	ng/u1	-0.01
21) Nitrobenzene-d5	9.204	128	172829	23.394	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.934	143	196739	22.817	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.498	165	350424	22.807	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	469119	23.768	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1150444	22.774	ng/u1	-0.01
49) Acenaphthylene-d8	14.363	160	1298162	22.860	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.986	143	173984	26.099	ng/u1	0.02
60) Fluorene-d10	15.663	176	971924	23.367	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.845	200	181431	19.510	ng/u1	0.00
73) Anthracene-d10	17.533	188	1589832	23.018	ng/u1	-0.01
81) Pyrene-d10	19.768	212	1937176	20.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1817087	23.514	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	55722	8.946	ng/uL	97
5) Pyridine	3.810	79	334749	21.931	ng/u1	97
6) Benzaldehyde	7.175	77	251345	34.890	ng/u1	96
8) Phenol	7.228	94	480050	25.962	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.440	93	383141	26.043	ng/u1	99
12) 2-Chlorophenol	7.581	128	355387	24.870	ng/u1	98
13) 2-Methylphenol	8.481	108	363429	26.032	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	592764	29.500	ng/u1	100
16) Acetophenone	8.863	105	602529	26.039	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.834	70	326536	25.408	ng/u1	99
18) 4-Methylphenol	8.828	108	393625	26.242	ng/u1	99
19) Hexachloroethane	9.081	117	161058	24.403	ng/u1	89
22) Nitrobenzene	9.251	77	475448	22.917	ng/u1	97
23) Isophorone	9.769	82	920307	23.181	ng/u1	99
25) 2-Nitrophenol	9.969	139	203706	22.261	ng/u1	97
26) 2,4-Dimethylphenol	10.028	107	437276	21.738	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	535778	23.906	ng/u1	98
29) 2,4-Dichlorophenol	10.534	162	347029	22.718	ng/u1	98
30) Naphthalene	10.886	128	1229213	23.391	ng/u1	99
32) 4-Chloroaniline	11.039	127	405451	19.772	ng/u1	97
33) Hexachlorobutadiene	11.139	225	221362	19.189	ng/u1	98
34) Caprolactam	11.857	113	120805	25.854	ng/u1	93
35) 4-Chloro-3-methylphenol	12.175	107	424680	23.751	ng/u1	97
36) 2-Methylnaphthalene	12.504	142	813988	23.530	ng/u1	97

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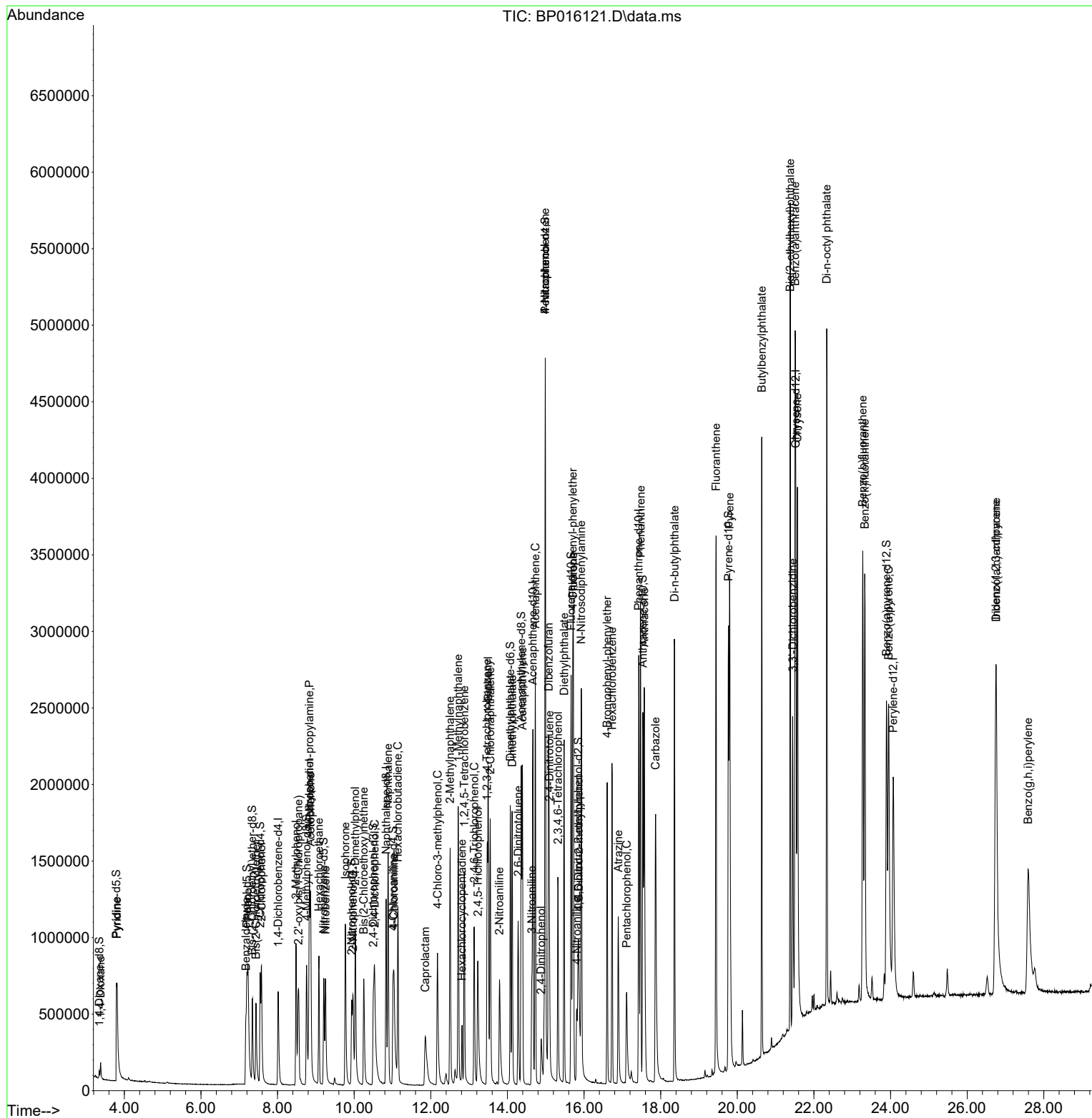
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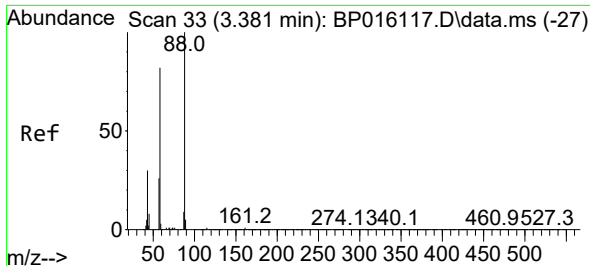
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	823164	23.325	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	437024	20.292	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	92217	14.312	ng/ul	96
41) 2,4,6-Trichlorophenol	13.133	196	273707	20.109	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	298113	20.649	ng/ul	96
43) 1,1'-Biphenyl	13.498	154	1120923	21.654	ng/ul	97
44) 2-Chloronaphthalene	13.551	162	882856	21.649	ng/ul	98
45) 2-Nitroaniline	13.792	65	303945	23.687	ng/ul	96
47) Dimethylphthalate	14.122	163	1167614	22.334	ng/ul	98
48) 2,6-Dinitrotoluene	14.280	165	238986	22.536	ng/ul	100
50) Acenaphthylene	14.392	152	1413272	22.587	ng/ul	99
51) 3-Nitroaniline	14.633	138	232002	27.898	ng/ul	92
52) Acenaphthene	14.727	153	988346	22.779	ng/ul	98
53) 2,4-Dinitrophenol	14.880	184	95759	17.020	ng/ul	93
55) 4-Nitrophenol	14.986	109	166937	24.165	ng/ul#	51
56) Dibenzofuran	15.074	168	1369092	22.730	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	343305	23.756	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.322	232	262269	21.150	ng/ul	98
59) Diethylphthalate	15.480	149	1232963	23.306	ng/ul	99
61) Fluorene	15.722	166	1137768	23.289	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	546100	21.845	ng/ul	95
63) 4-Nitroaniline	15.810	138	227178	39.915	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.863	198	168380	17.896	ng/ul#	90
67) N-Nitrosodiphenylamine	15.927	169	955718	21.113	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	344991	19.980	ng/ul	94
69) Hexachlorobenzene	16.733	284	406893	19.971	ng/ul	98
70) Atrazine	16.892	200	232708	13.430	ng/ul	96
71) Pentachlorophenol	17.110	266	167003	17.078	ng/ul	96
72) Phenanthrene	17.474	178	1892754	23.041	ng/ul	100
74) Anthracene	17.574	178	1886321	22.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	451132	18.335	ng/ul	99
76) Pentachlorobenzene	14.986	250	1071713	43.157	ng/ul	99
77) Carbazole	17.868	167	1734538	24.932	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2251493	24.411	ng/ul	99
80) Fluoranthene	19.445	202	2292431	19.246	ng/ul#	94
82) Pyrene	19.798	202	2407684	19.816	ng/ul#	90
83) Butylbenzylphthalate	20.639	149	1089794	21.985	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	773843	23.323	ng/ul	99
85) Benzo(a)anthracene	21.509	228	2244503	21.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1617183	23.739	ng/ul	99
87) Chrysene	21.568	228	2335555	23.842	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2737682	24.453	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2268984	23.051	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	2261595	22.740	ng/ul#	97
93) Benzo(a)pyrene	23.951	252	1955904	22.741	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.750	276	2302524	19.720	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.756	278	1877267	19.574	ng/ul#	96
96) Benzo(g,h,i)perylene	27.591	276	1826183	19.012	ng/ul#	94

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

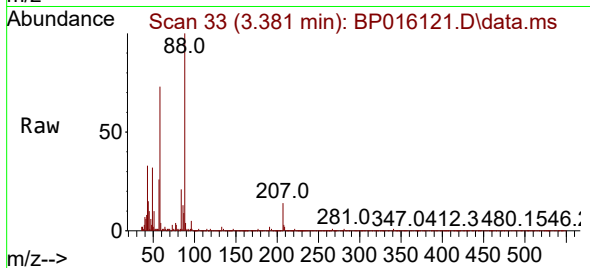
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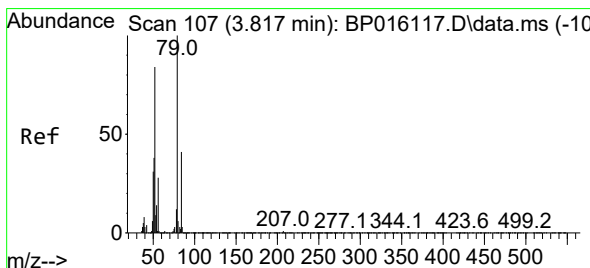
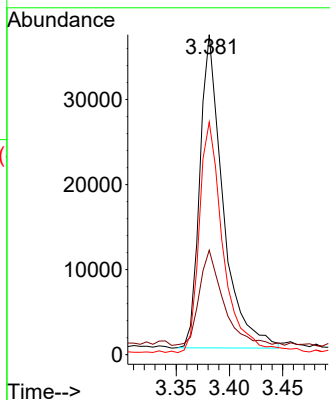
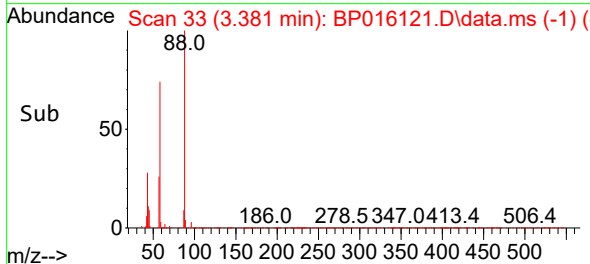


#2
1,4-Dioxane
Concen: 8.946 ng/uL
RT: 3.381 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

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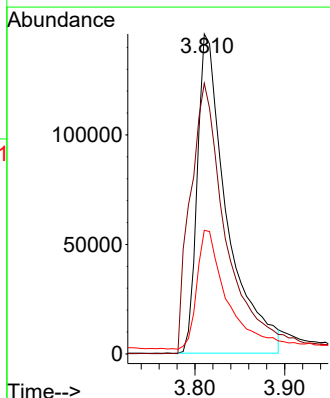
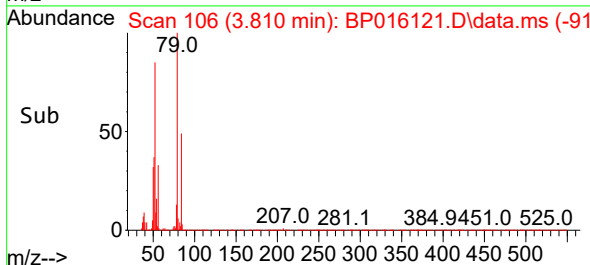
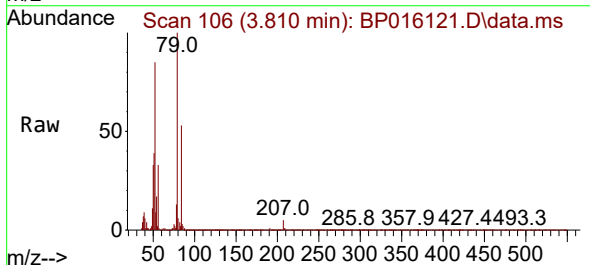


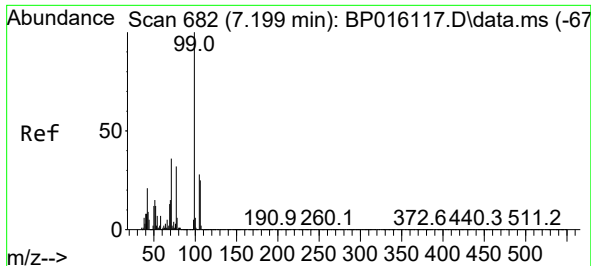
Tgt Ion: 88 Resp: 55722
Ion Ratio Lower Upper
88 100
43 32.6 27.4 41.2
58 72.7 59.8 89.8



#5
Pyridine
Concen: 21.931 ng/uL
RT: 3.810 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion: 79 Resp: 334749
Ion Ratio Lower Upper
79 100
52 84.6 65.5 98.3
51 38.6 31.8 47.8

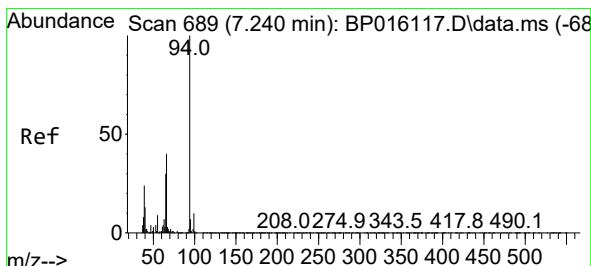
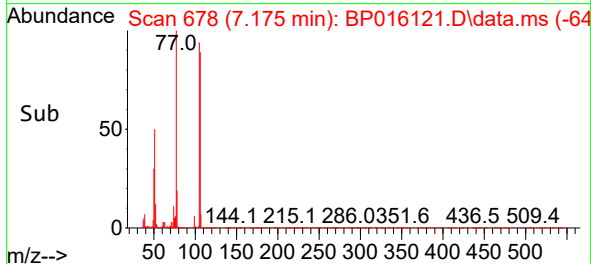
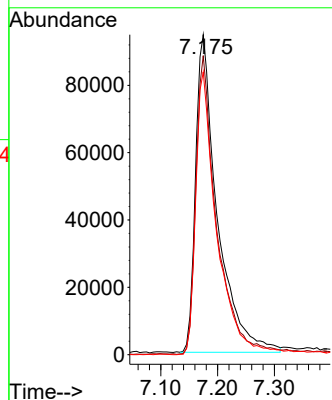
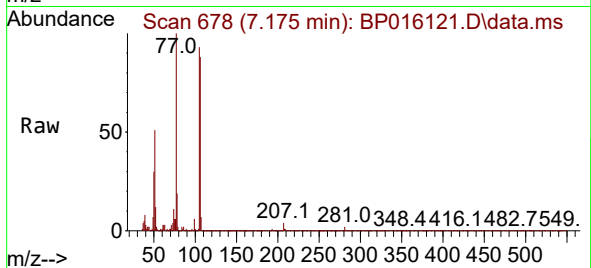




#6
Benzaldehyde
Concen: 34.890 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

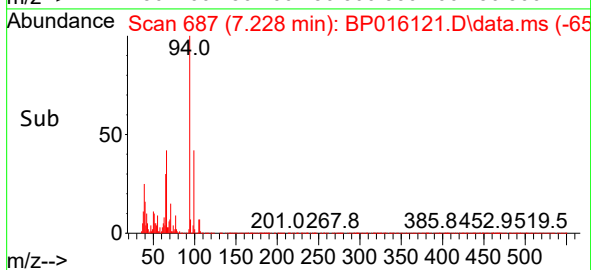
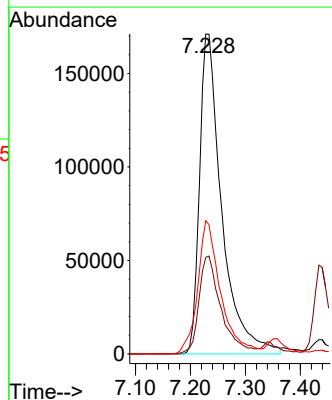
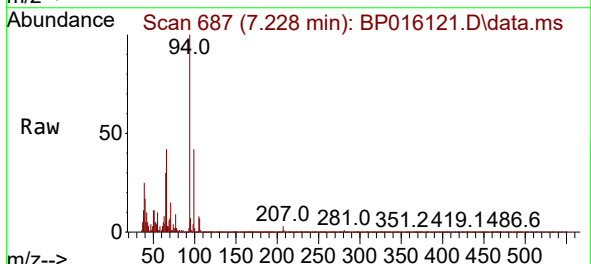
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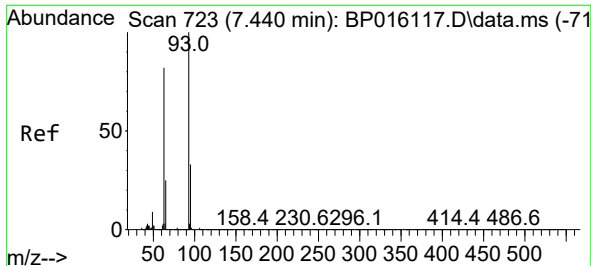
Tgt Ion: 77 Resp: 251345
Ion Ratio Lower Upper
77 100
105 93.4 73.4 110.0
106 88.3 66.6 100.0



#8
Phenol
Concen: 25.962 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

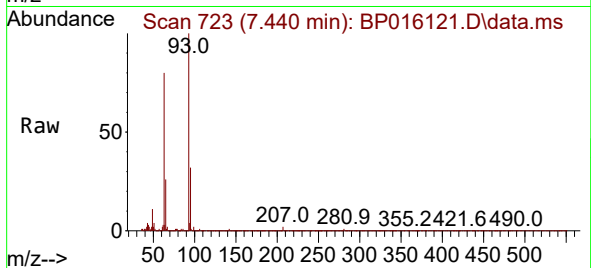
Tgt Ion: 94 Resp: 480050
Ion Ratio Lower Upper
94 100
65 30.2 26.4 39.6
66 41.7 37.3 55.9



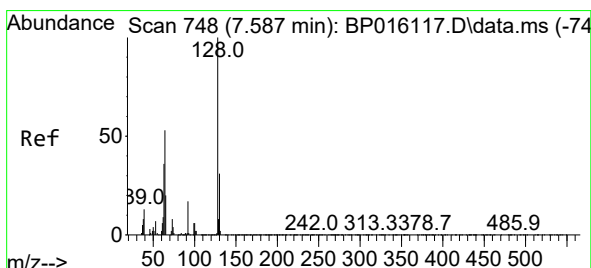
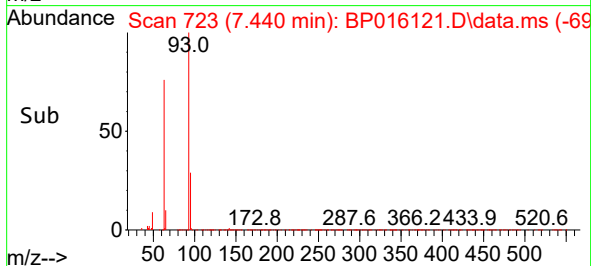
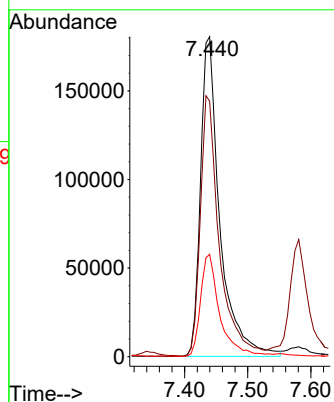


#10
 Bis(2-Chloroethyl)ether
 Concen: 26.043 ng/ul
 RT: 7.440 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP016121.D
 Acq: 09 Jul 2023 08:18

Instrument :
 BNA_P
 ClientSampleId :

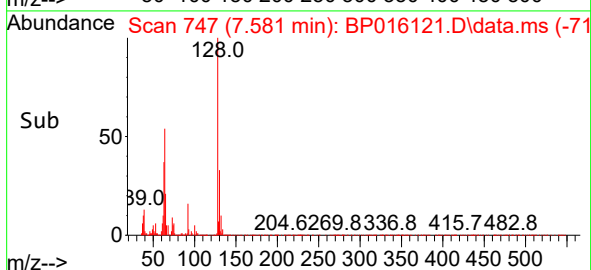
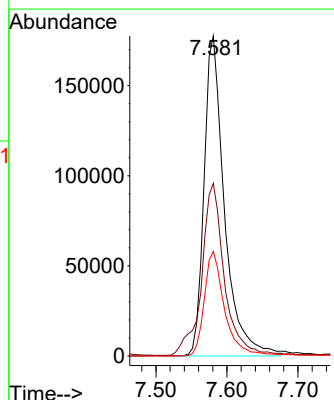
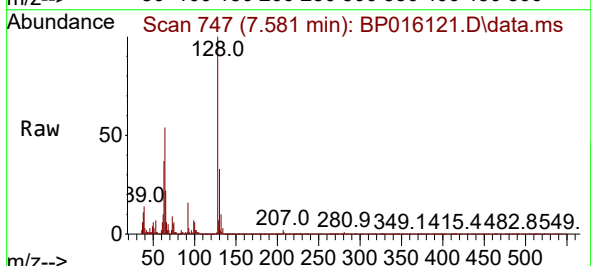


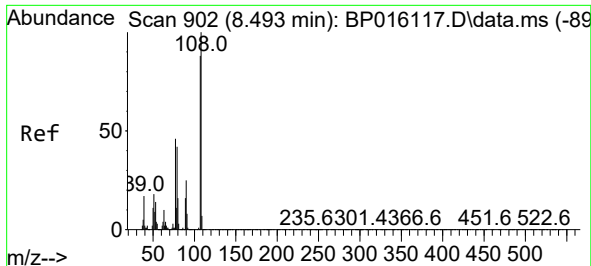
Tgt Ion: 93 Resp: 383141
 Ion Ratio Lower Upper
 93 100
 63 79.8 62.8 94.2
 95 32.0 25.6 38.4



#12
 2-Chlorophenol
 Concen: 24.870 ng/ul
 RT: 7.581 min Scan# 747
 Delta R.T. -0.012 min
 Lab File: BP016121.D
 Acq: 09 Jul 2023 08:18

Tgt Ion:128 Resp: 355387
 Ion Ratio Lower Upper
 128 100
 64 54.0 41.2 61.8
 130 32.6 26.0 39.0

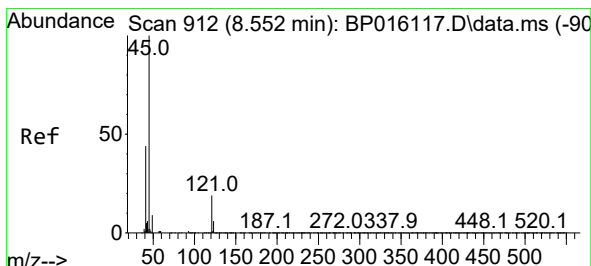
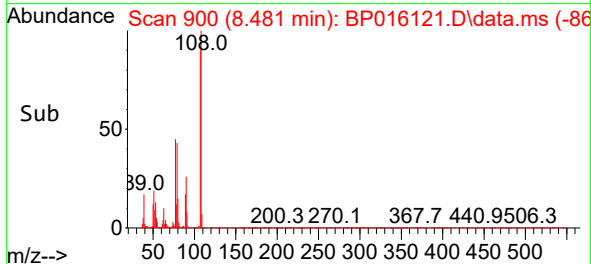
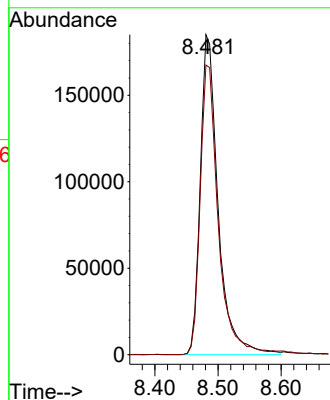
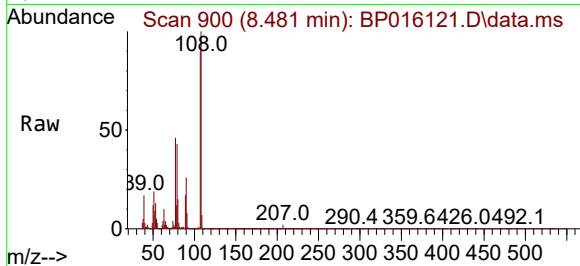




#13
2-Methylphenol
Concen: 26.032 ng/ul
RT: 8.481 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

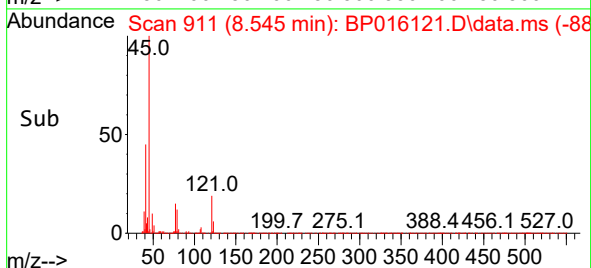
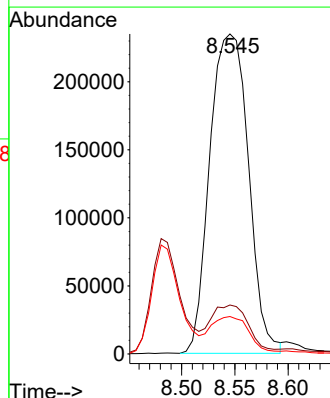
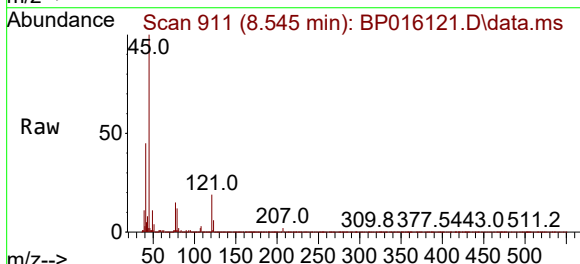
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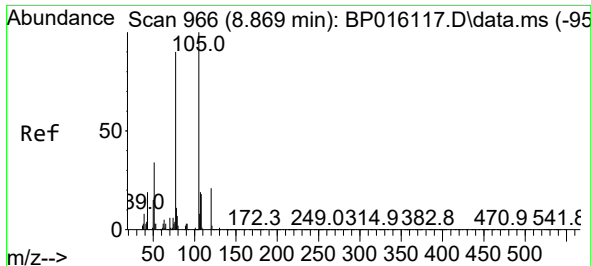
Tgt Ion:108 Resp: 363429
Ion Ratio Lower Upper
108 100
107 90.5 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.500 ng/ul
RT: 8.545 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion: 45 Resp: 592764
Ion Ratio Lower Upper
45 100
77 15.3 12.4 18.6
79 11.7 9.3 13.9

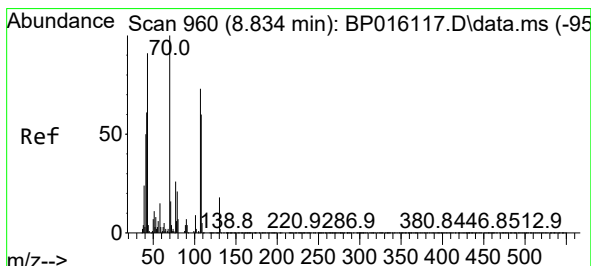
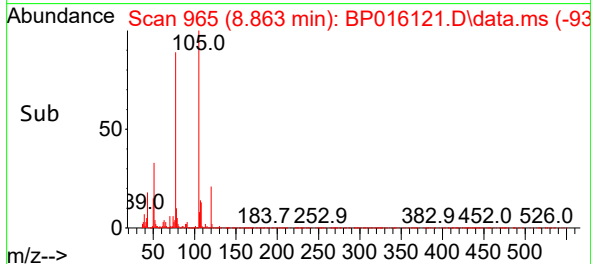
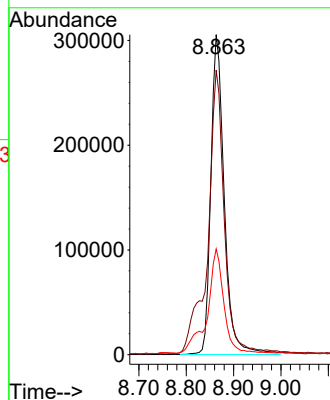
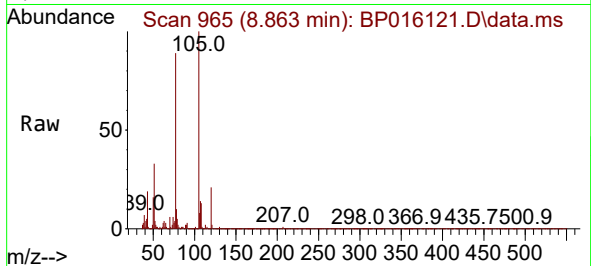




#16
Acetophenone
Concen: 26.039 ng/ul
RT: 8.863 min Scan# 965
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

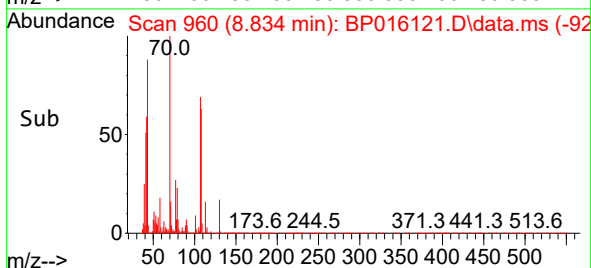
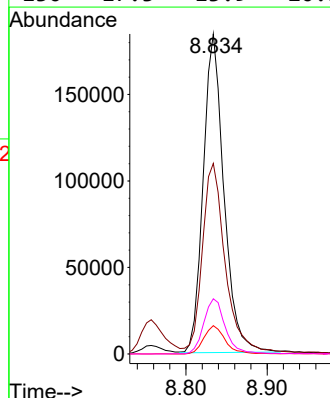
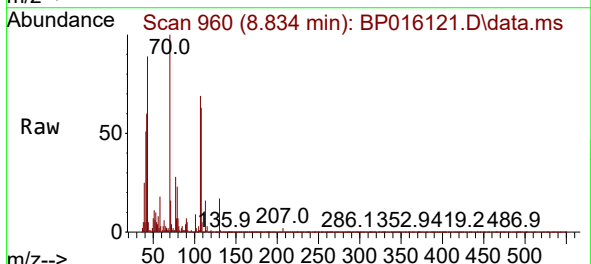
Instrument :
BNA_P
ClientSampleId :

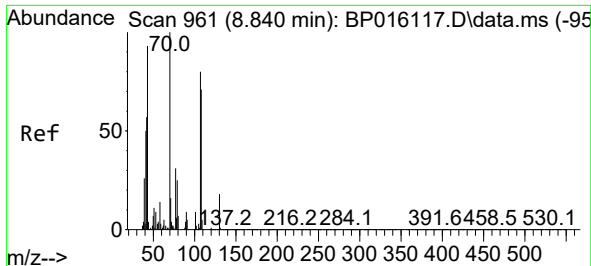
Tgt Ion:105 Resp: 602529
Ion Ratio Lower Upper
105 100
77 89.0 65.0 97.4
51 33.1 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 25.408 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion: 70 Resp: 326536
Ion Ratio Lower Upper
70 100
42 59.5 48.2 72.2
101 8.9 7.6 11.4
130 17.3 13.9 20.9

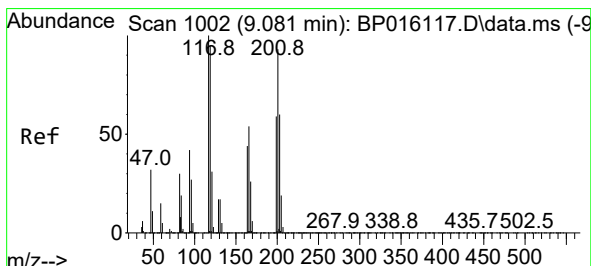
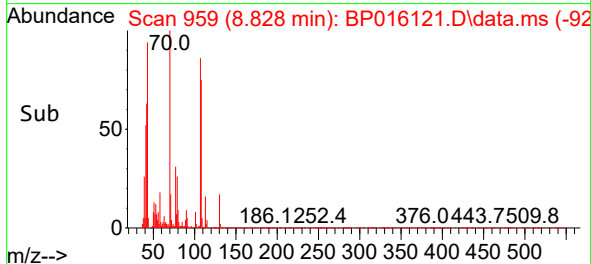
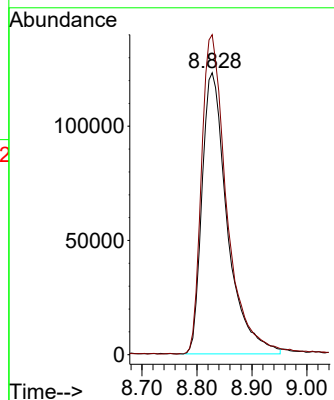
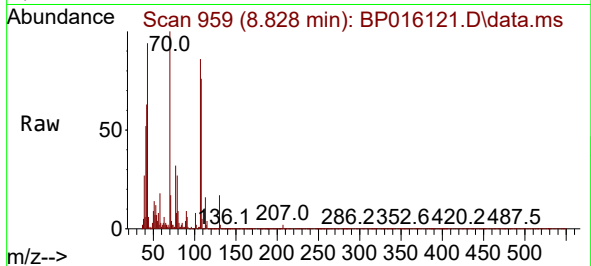




#18
4-Methylphenol
Concen: 26.242 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

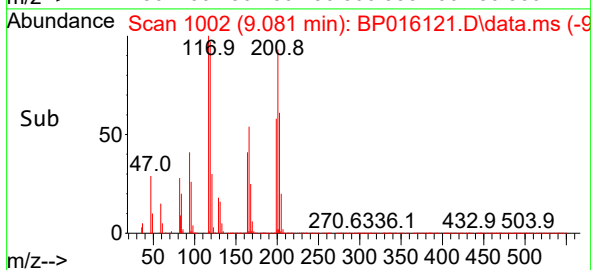
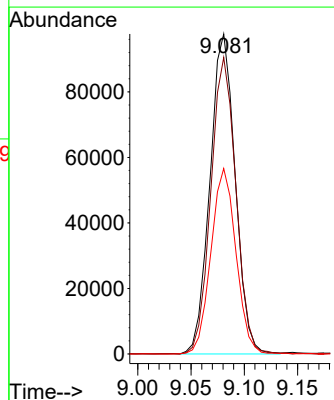
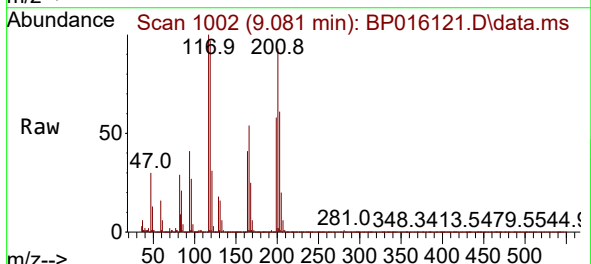
Instrument :
BNA_P
ClientSampleId :

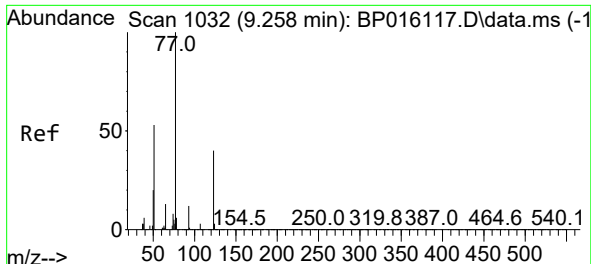
Tgt Ion:108 Resp: 393625
Ion Ratio Lower Upper
108 100
107 113.5 91.3 136.9



#19
Hexachloroethane
Concen: 24.403 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:117 Resp: 161058
Ion Ratio Lower Upper
117 100
201 92.6 84.2 126.2
199 57.9 51.8 77.8

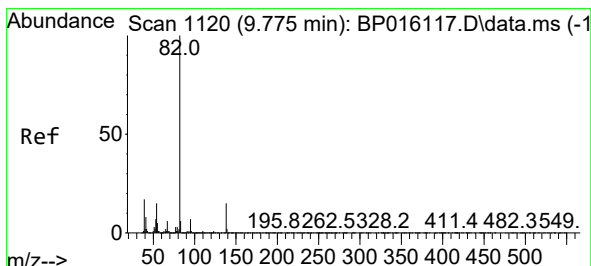
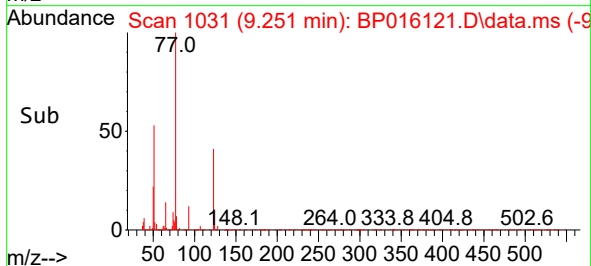
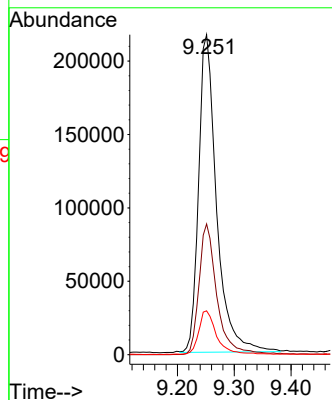
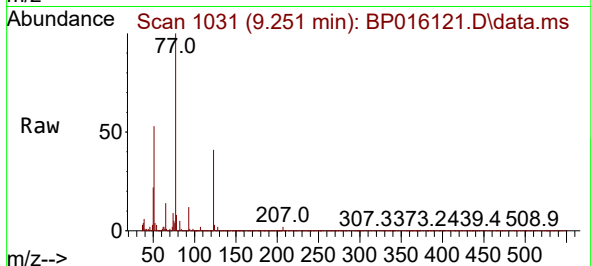




#22
Nitrobenzene
Concen: 22.917 ng/ul
RT: 9.251 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

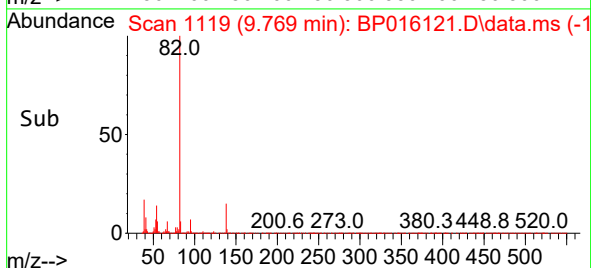
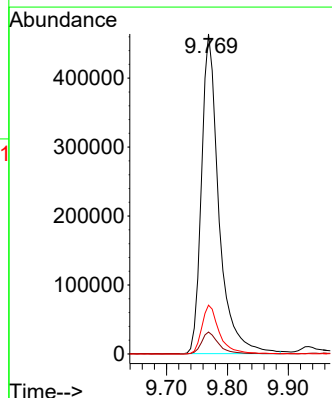
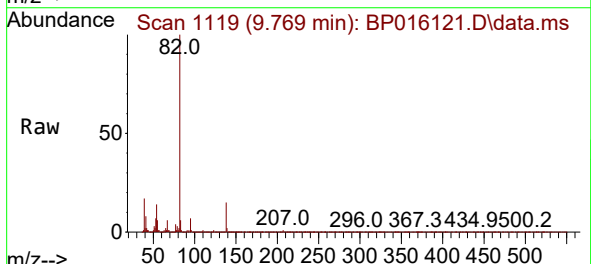
Instrument :
BNA_P
ClientSampleId :

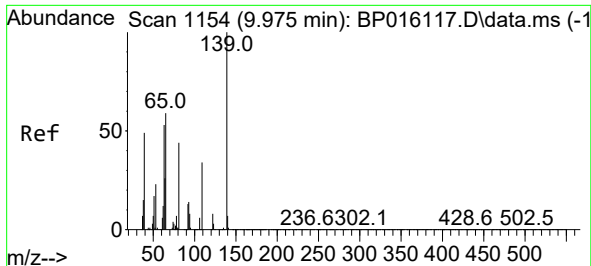
Tgt Ion: 77 Resp: 475448
Ion Ratio Lower Upper
77 100
123 40.8 31.0 46.4
65 13.7 11.3 16.9



#23
Isophorone
Concen: 23.181 ng/ul
RT: 9.769 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion: 82 Resp: 920307
Ion Ratio Lower Upper
82 100
95 6.9 6.3 9.5
138 15.3 12.3 18.5

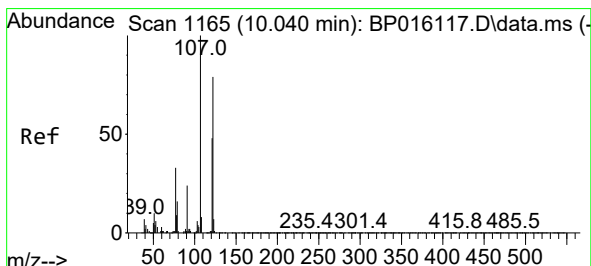
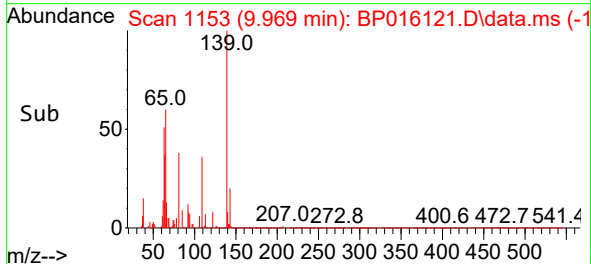
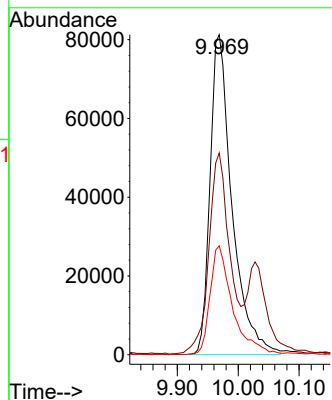
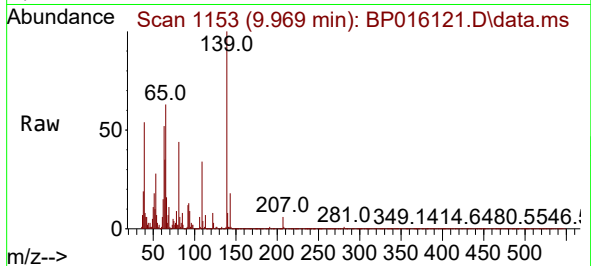




#25
2-Nitrophenol
Concen: 22.261 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

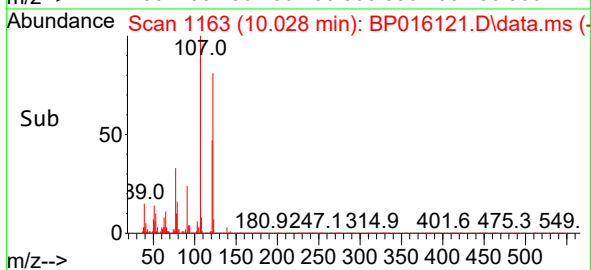
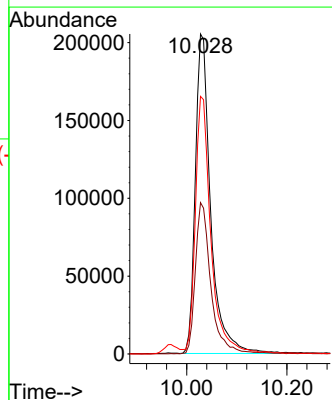
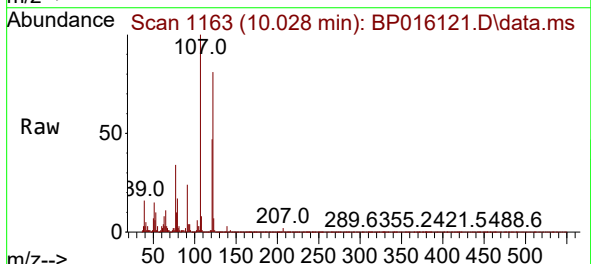
Instrument :
BNA_P
ClientSampleId :

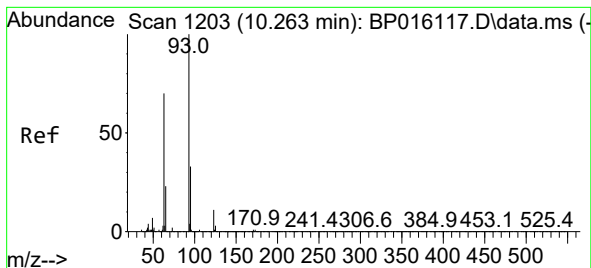
Tgt Ion:139 Resp: 203706
Ion Ratio Lower Upper
139 100
65 63.1 50.2 75.2
109 34.0 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 21.738 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:107 Resp: 437276
Ion Ratio Lower Upper
107 100
121 47.3 38.2 57.2
122 80.5 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 23.906 ng/ul

RT: 10.251 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

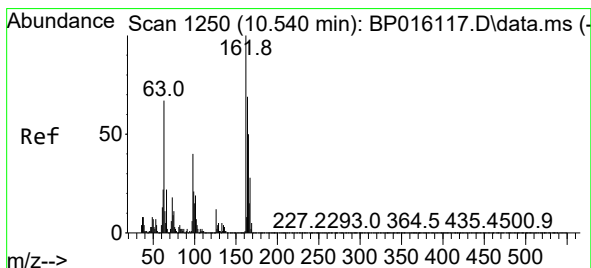
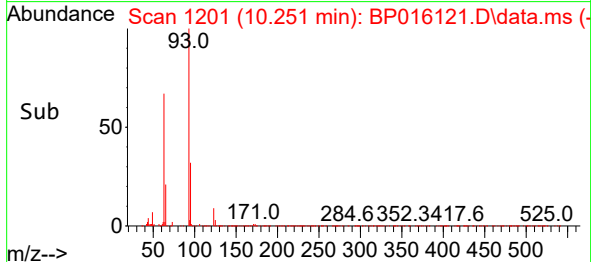
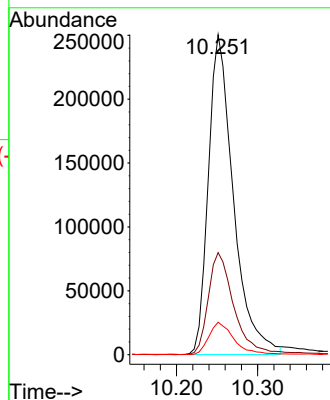
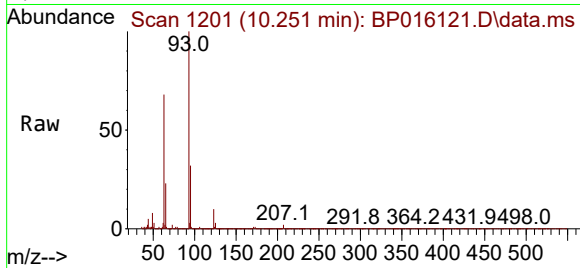
Tgt Ion: 93 Resp: 535778

Ion Ratio Lower Upper

93 100

95 31.9 26.6 39.8

123 10.2 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 22.718 ng/ul

RT: 10.534 min Scan# 1249

Delta R.T. -0.000 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

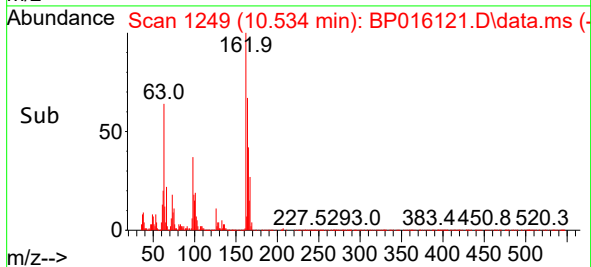
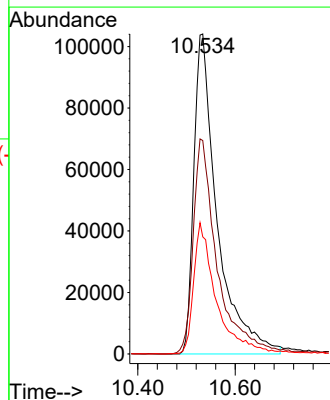
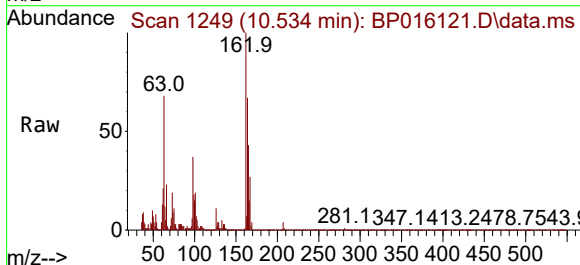
Tgt Ion:162 Resp: 347029

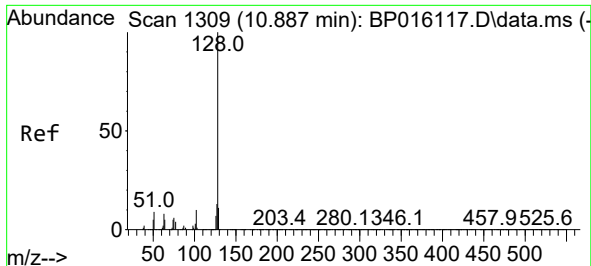
Ion Ratio Lower Upper

162 100

164 66.7 53.0 79.6

98 36.6 31.3 46.9

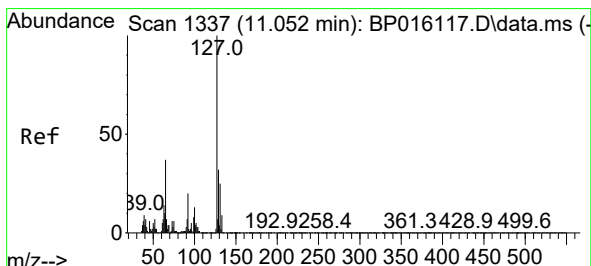
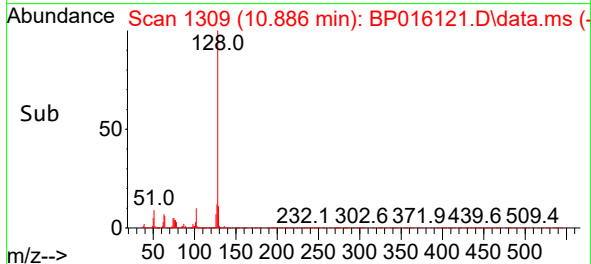
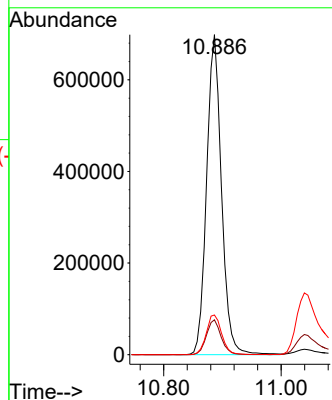
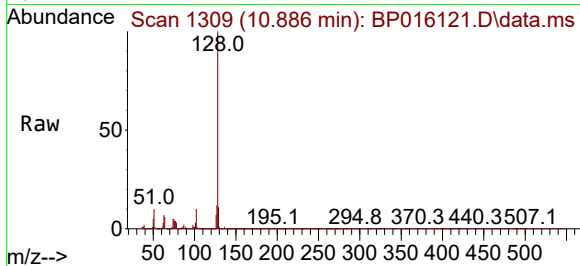




#30
Naphthalene
Concen: 23.391 ng/ul
RT: 10.886 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

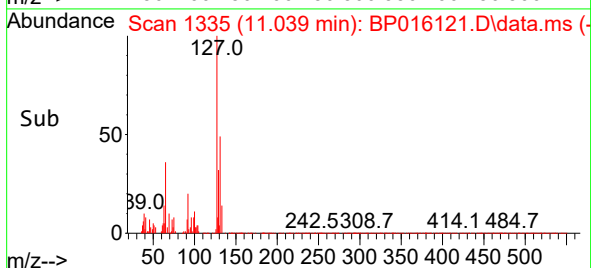
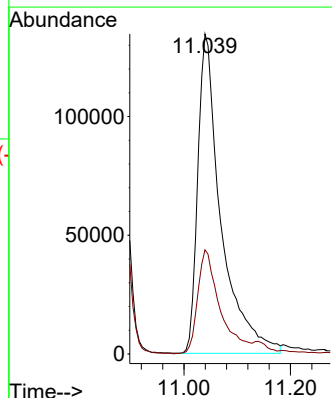
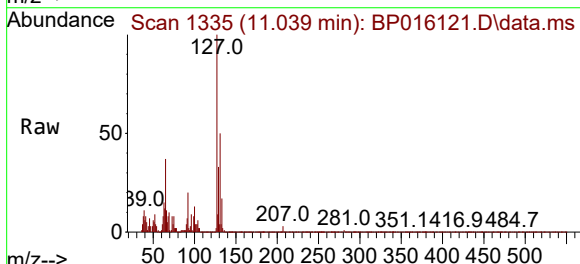
Instrument :
BNA_P
ClientSampleId :

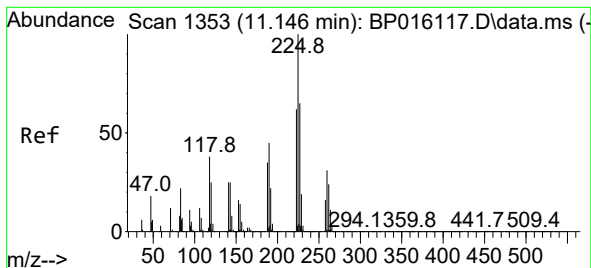
Tgt Ion:128 Resp: 1229213
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.4 10.3 15.5



#32
4-Chloroaniline
Concen: 19.772 ng/ul
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:127 Resp: 405451
Ion Ratio Lower Upper
127 100
129 32.6 24.7 37.1





#33

Hexachlorobutadiene

Concen: 19.189 ng/ul

RT: 11.139 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

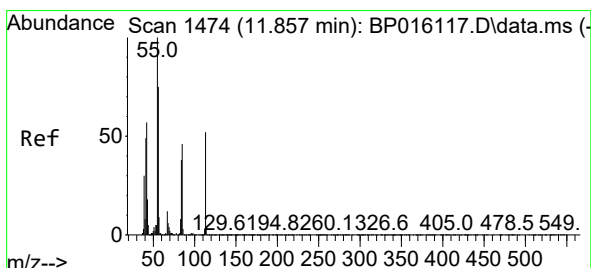
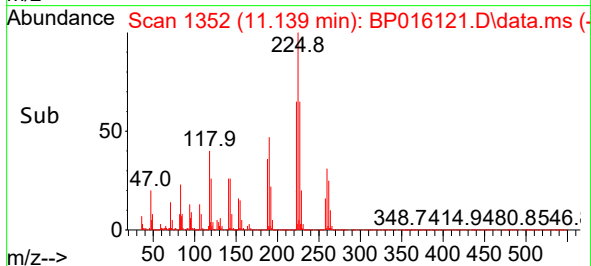
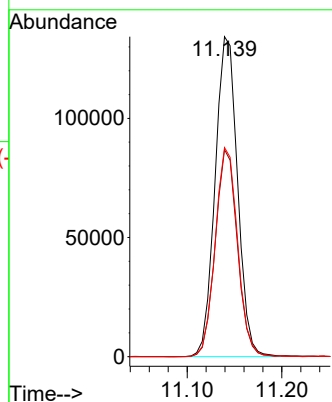
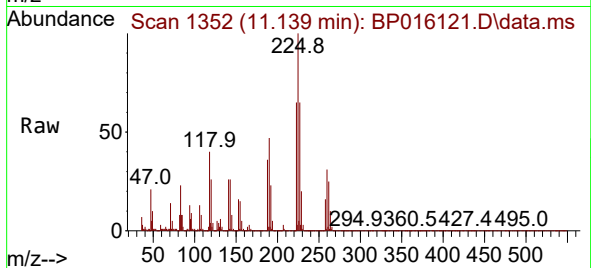
Tgt Ion:225 Resp: 221362

Ion Ratio Lower Upper

225 100

223 64.7 50.4 75.6

227 65.3 51.0 76.4



#34

Caprolactam

Concen: 25.854 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

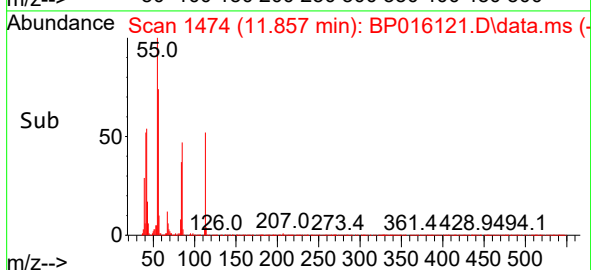
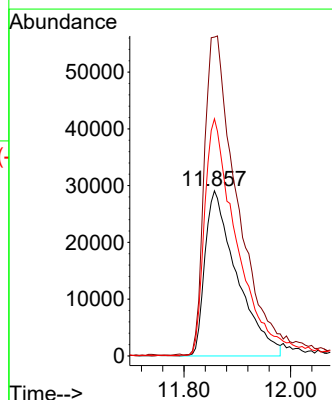
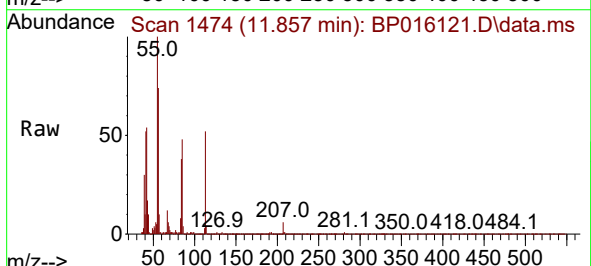
Tgt Ion:113 Resp: 120805

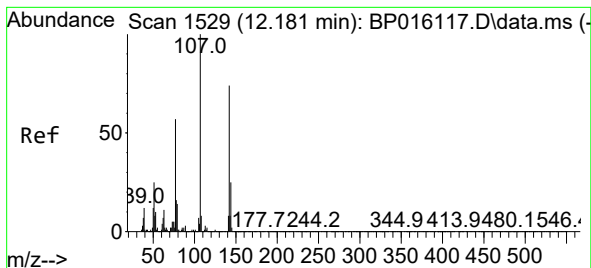
Ion Ratio Lower Upper

113 100

55 193.2 142.8 214.2

56 143.7 116.9 175.3

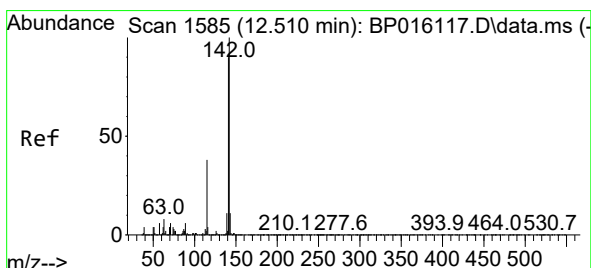
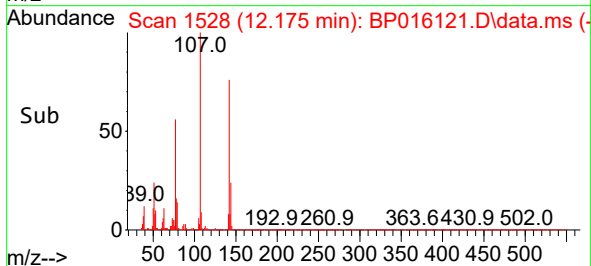
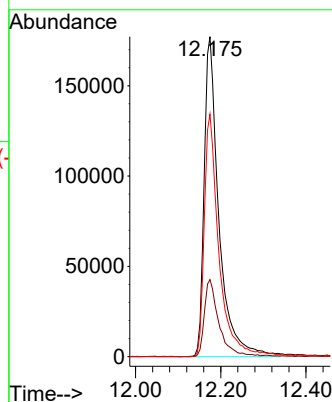
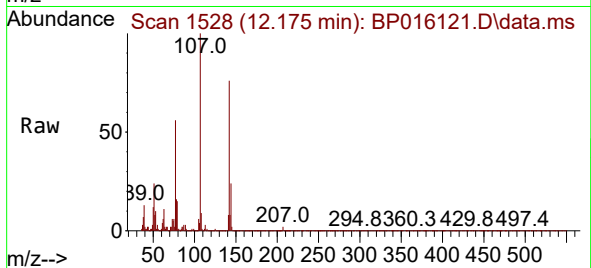




#35
4-Chloro-3-methylphenol
Concen: 23.751 ng/ul
RT: 12.175 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

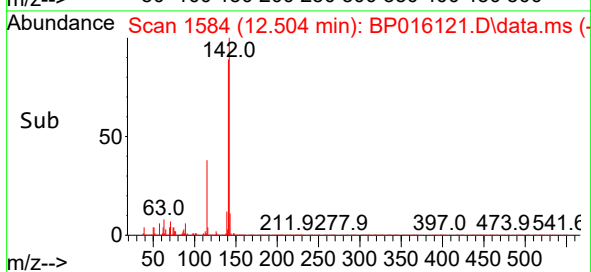
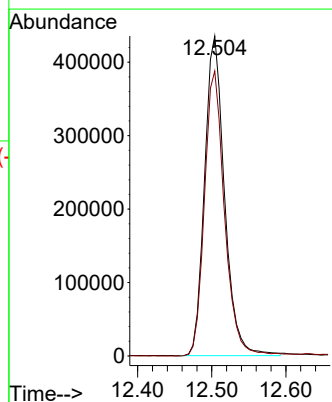
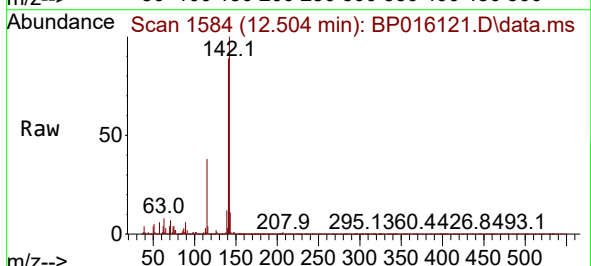
Instrument :
BNA_P
ClientSampleId :

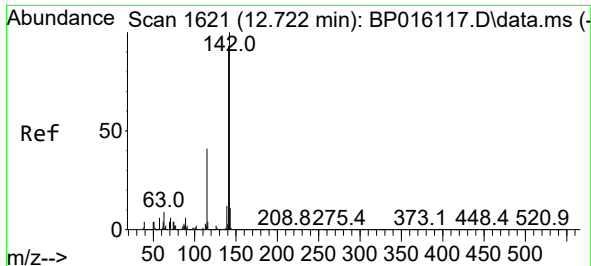
Tgt Ion:107 Resp: 424680
Ion Ratio Lower Upper
107 100
144 24.1 18.4 27.6
142 75.8 58.6 87.8



#36
2-Methylnaphthalene
Concen: 23.530 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:142 Resp: 813988
Ion Ratio Lower Upper
142 100
141 89.1 73.2 109.8





#37

1-Methylnaphthalene

Concen: 23.325 ng/ul

RT: 12.716 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

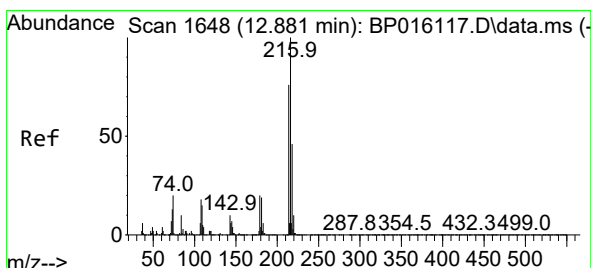
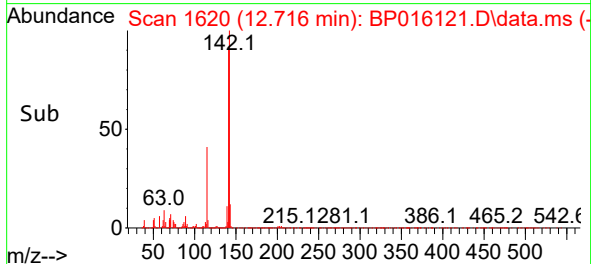
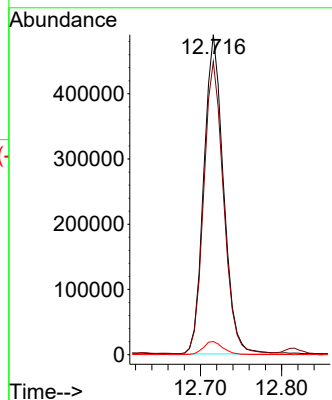
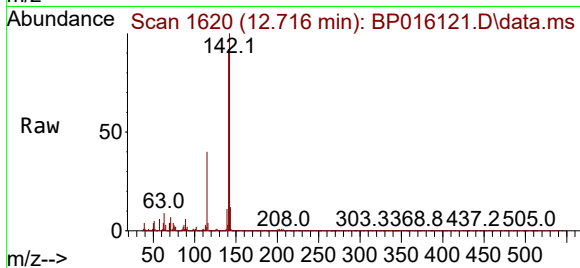
Tgt Ion:142 Resp: 823164

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

116 4.1 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.292 ng/ul

RT: 12.875 min Scan# 1647

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Tgt Ion:216 Resp: 437024

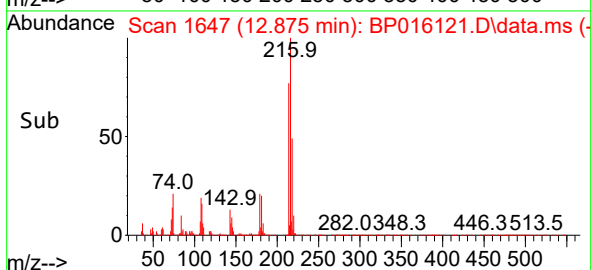
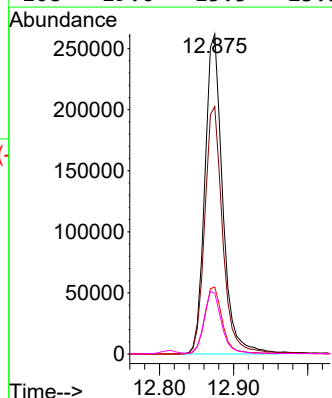
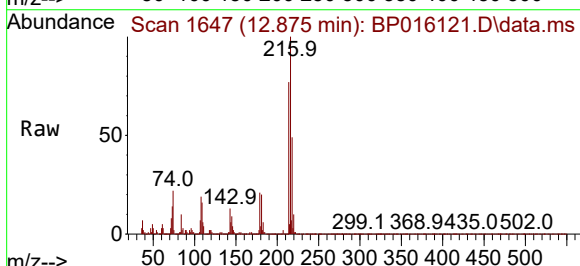
Ion Ratio Lower Upper

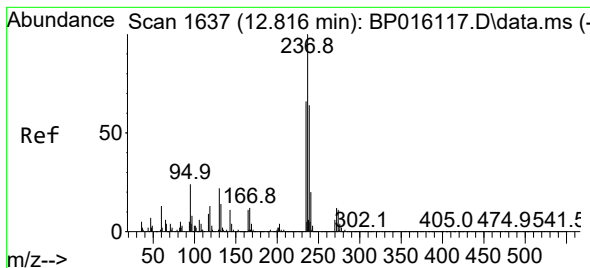
216 100

214 77.3 62.4 93.6

179 20.9 17.6 26.4

108 19.0 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 14.312 ng/ul

RT: 12.816 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

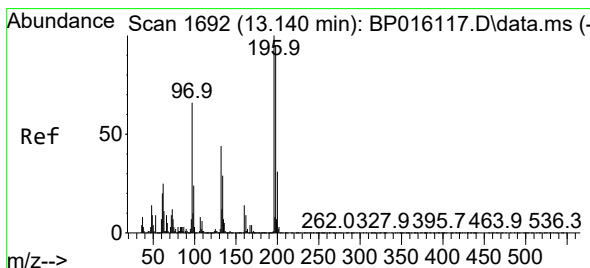
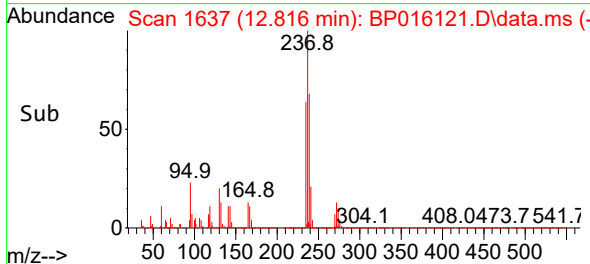
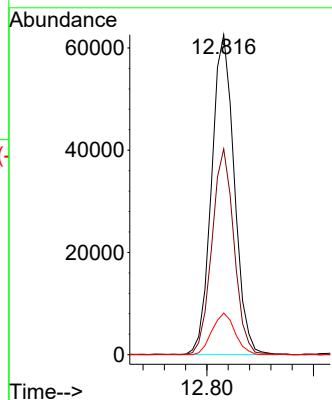
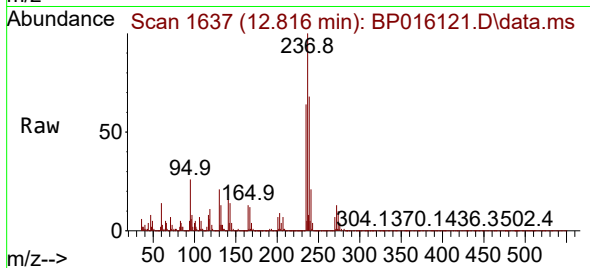
Tgt Ion:237 Resp: 92217

Ion Ratio Lower Upper

237 100

235 64.3 48.6 73.0

272 13.0 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 20.109 ng/ul

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

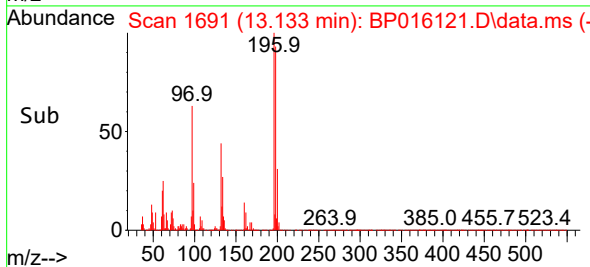
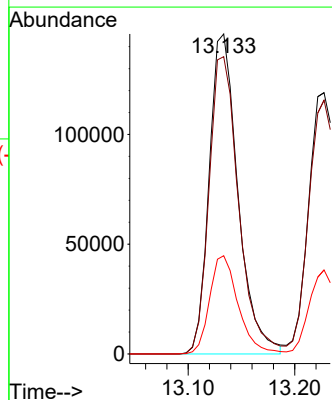
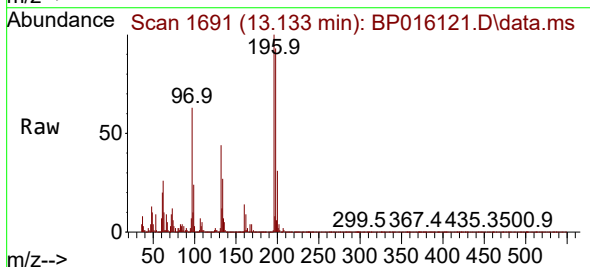
Tgt Ion:196 Resp: 273707

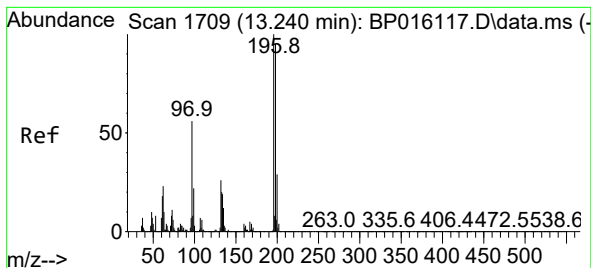
Ion Ratio Lower Upper

196 100

198 92.9 75.4 113.2

200 30.7 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 20.649 ng/ul

RT: 13.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

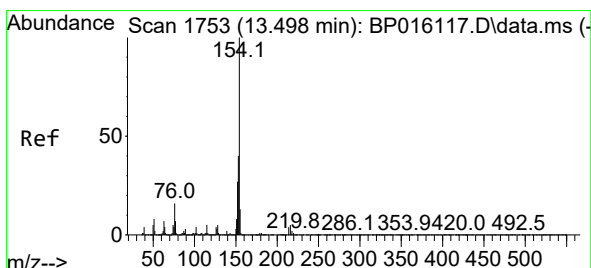
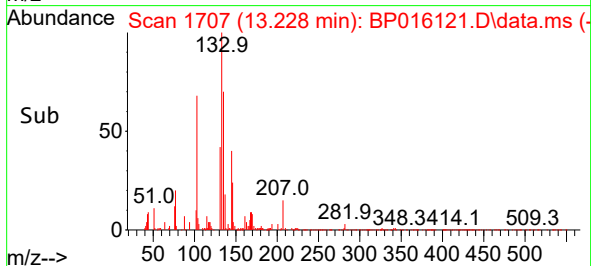
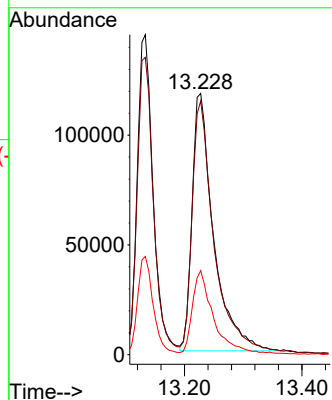
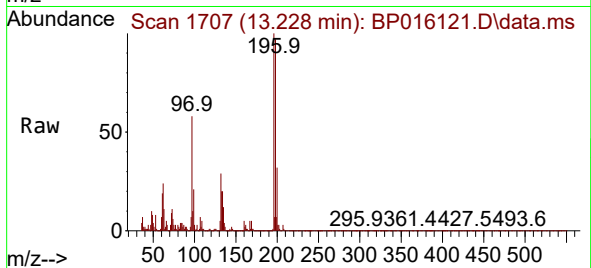
Tgt Ion:196 Resp: 298113

Ion Ratio Lower Upper

196 100

198 97.2 74.9 112.3

200 32.1 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.654 ng/ul

RT: 13.498 min Scan# 1753

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

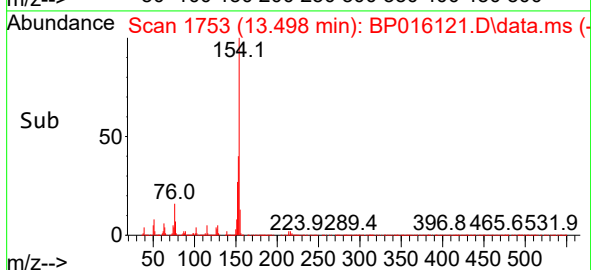
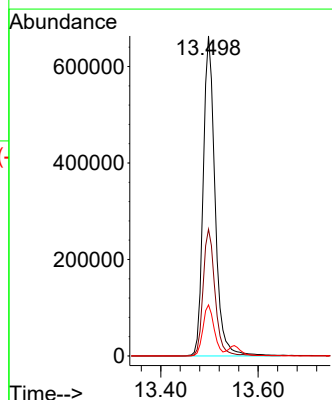
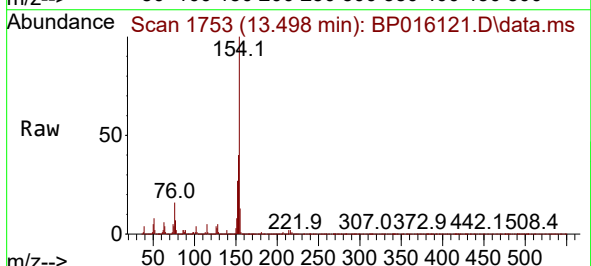
Tgt Ion:154 Resp: 1120923

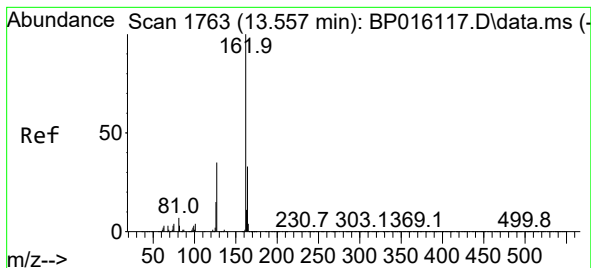
Ion Ratio Lower Upper

154 100

153 39.6 32.8 49.2

76 16.0 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.649 ng/ul

RT: 13.551 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

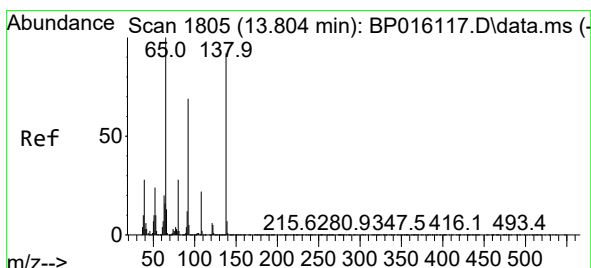
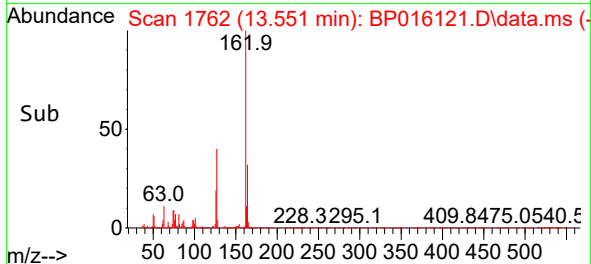
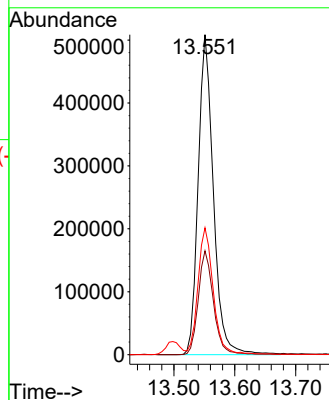
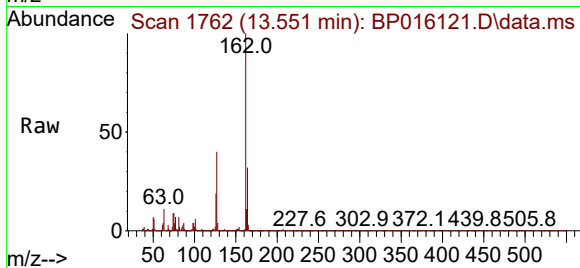
Tgt Ion:162 Resp: 882856

Ion Ratio Lower Upper

162 100

164 32.4 26.1 39.1

127 39.6 33.4 50.0



#45

2-Nitroaniline

Concen: 23.687 ng/ul

RT: 13.792 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

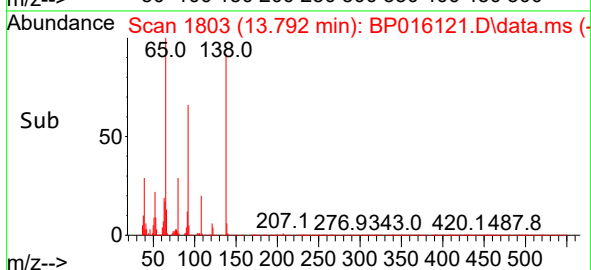
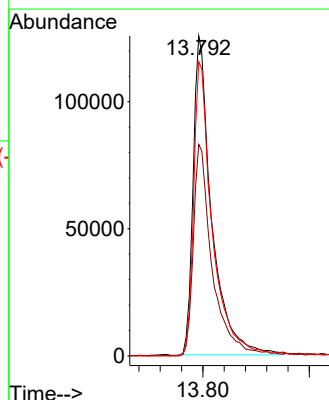
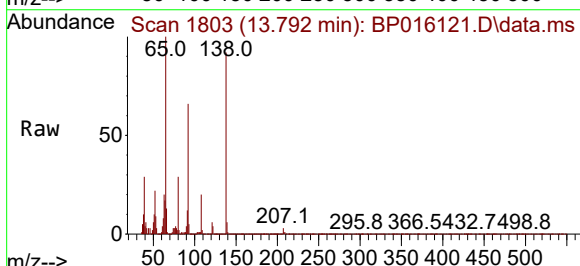
Tgt Ion: 65 Resp: 303945

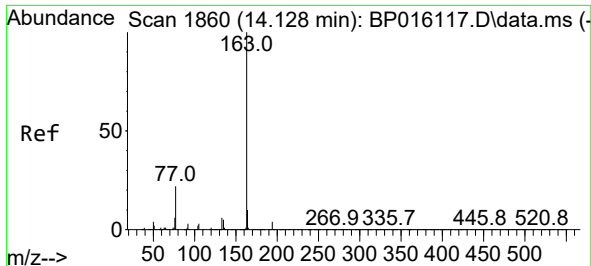
Ion Ratio Lower Upper

65 100

92 66.1 49.5 74.3

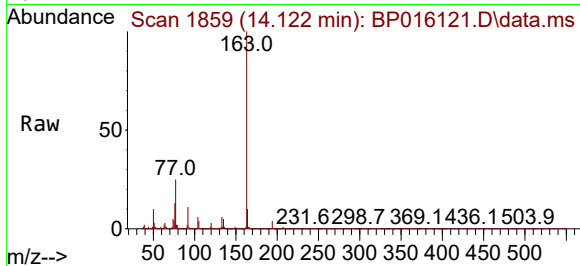
138 91.9 71.4 107.2



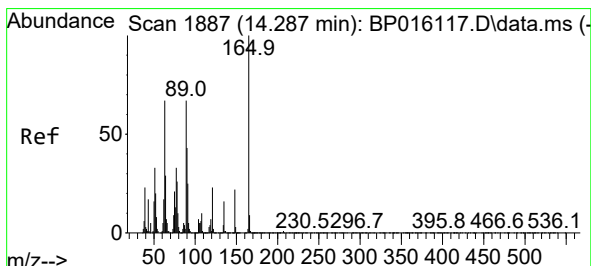
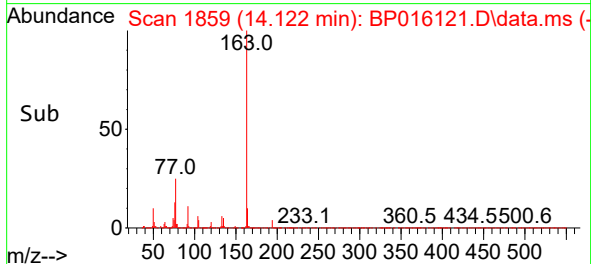
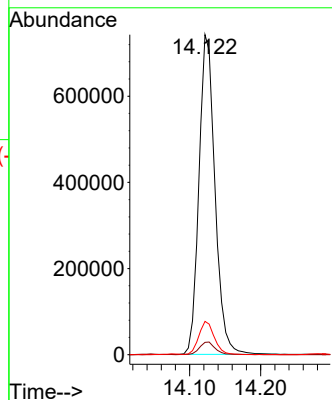


#47
Dimethylphthalate
Concen: 22.334 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.018 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Instrument :
BNA_P
ClientSampleId :

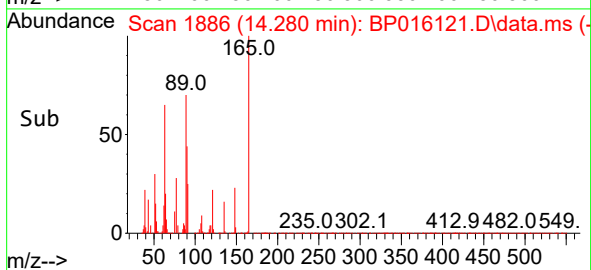
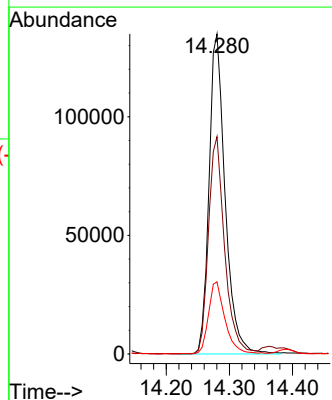
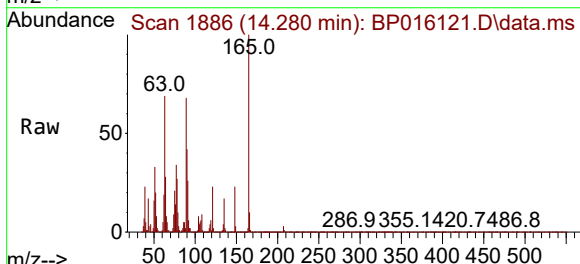


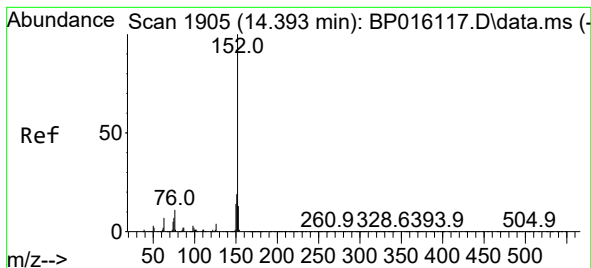
Tgt Ion:163 Resp: 1167614
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 22.536 ng/ul
RT: 14.280 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:165 Resp: 238986
Ion Ratio Lower Upper
165 100
89 67.9 54.1 81.1
121 22.5 18.2 27.2





#50

Acenaphthylene

Concen: 22.587 ng/ul

RT: 14.392 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

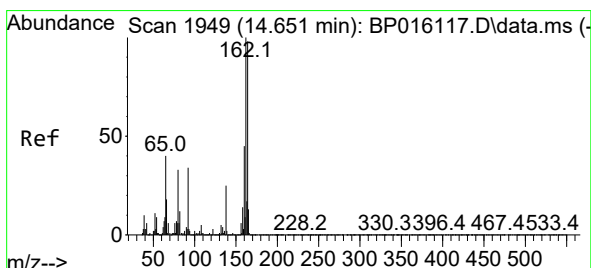
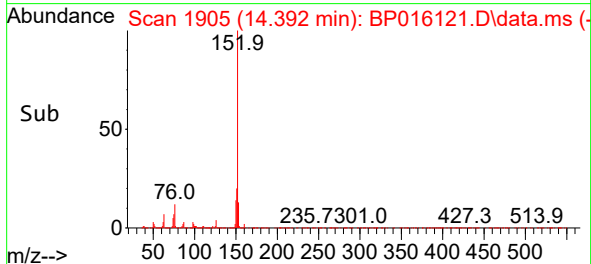
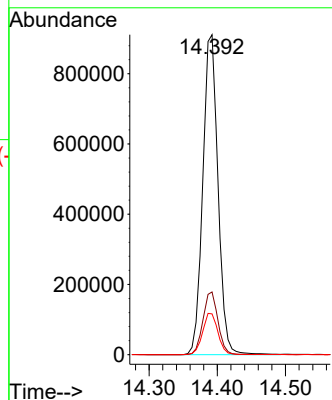
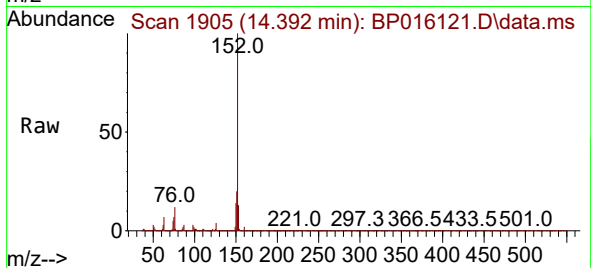
Tgt Ion:152 Resp: 1413272

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 12.7 10.5 15.7



#51

3-Nitroaniline

Concen: 27.898 ng/ul

RT: 14.633 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

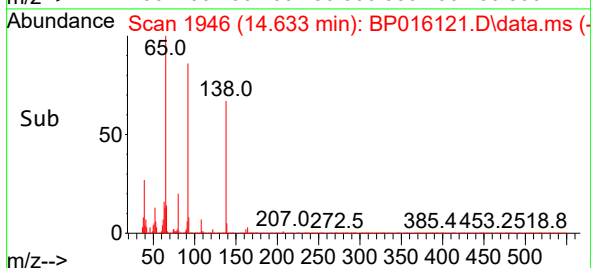
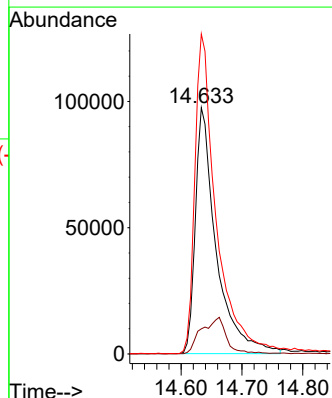
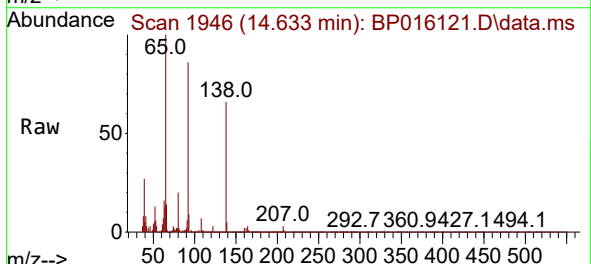
Tgt Ion:138 Resp: 232002

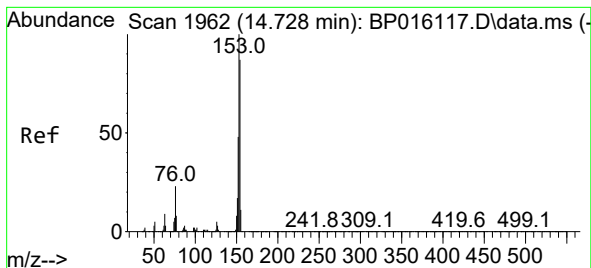
Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

92 130.0 96.8 145.2





#52

Acenaphthene

Concen: 22.779 ng/ul

RT: 14.727 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

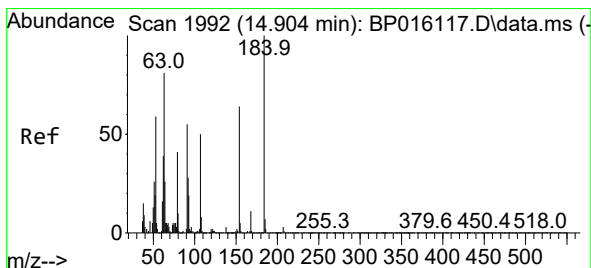
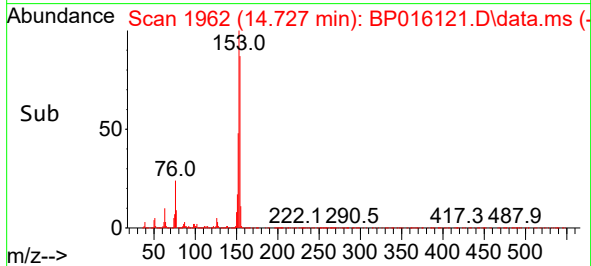
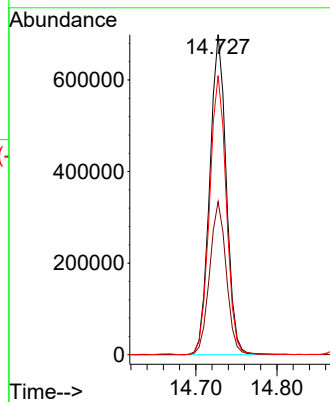
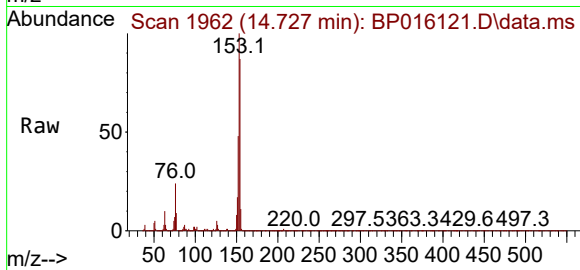
Tgt Ion:153 Resp: 988346

Ion Ratio Lower Upper

153 100

152 47.8 39.4 59.2

154 87.2 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 17.020 ng/ul

RT: 14.880 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

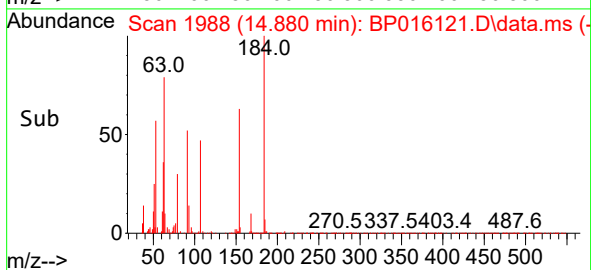
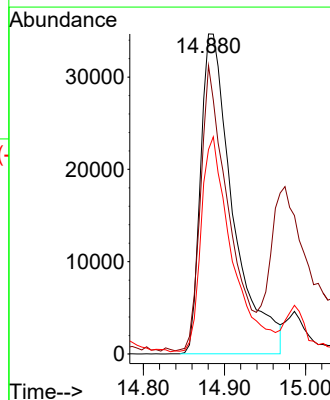
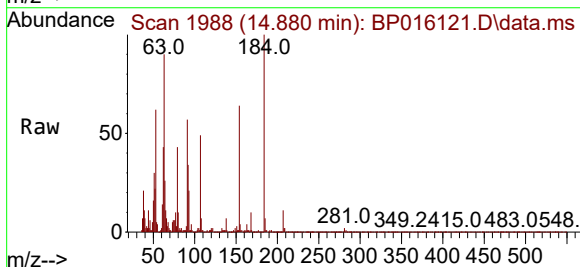
Tgt Ion:184 Resp: 95759

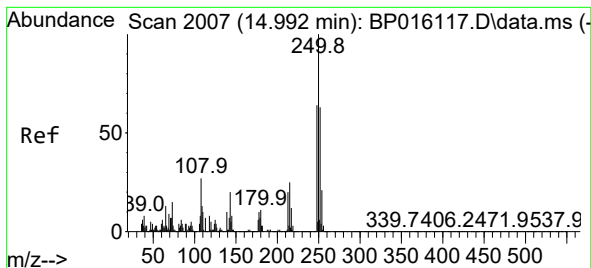
Ion Ratio Lower Upper

184 100

63 90.1 71.4 107.0

154 63.9 61.1 91.7





#55

4-Nitrophenol

Concen: 24.165 ng/ul

RT: 14.986 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

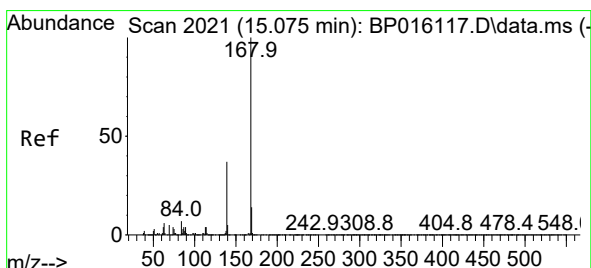
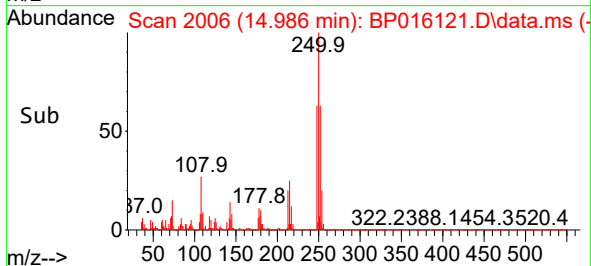
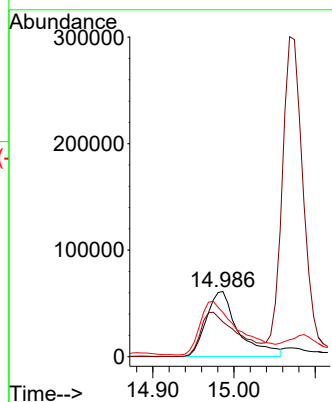
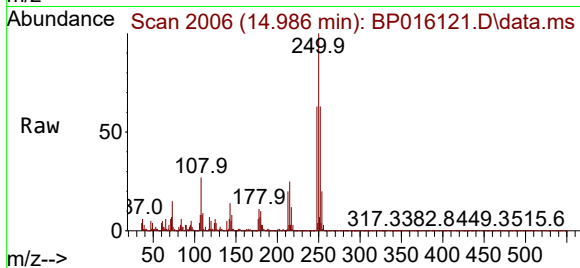
Tgt Ion:109 Resp: 166937

Ion Ratio Lower Upper

109 100

139 53.4 81.3 121.9#

65 68.0 99.9 149.9#



#56

Dibenzofuran

Concen: 22.730 ng/ul

RT: 15.074 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BP016121.D

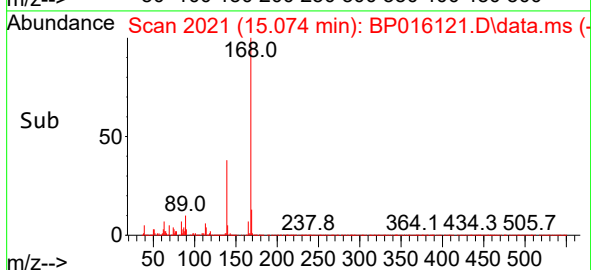
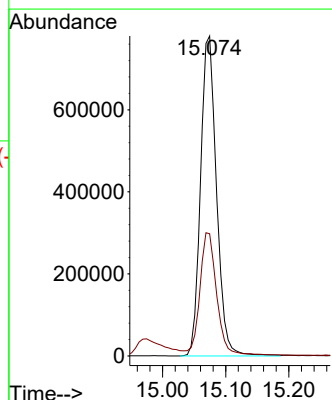
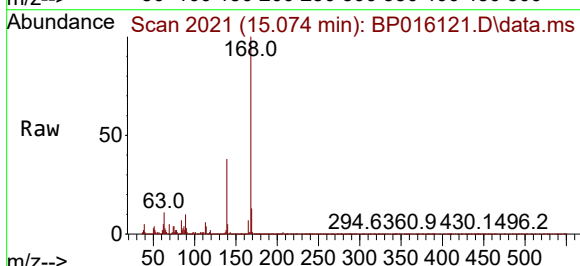
Acq: 09 Jul 2023 08:18

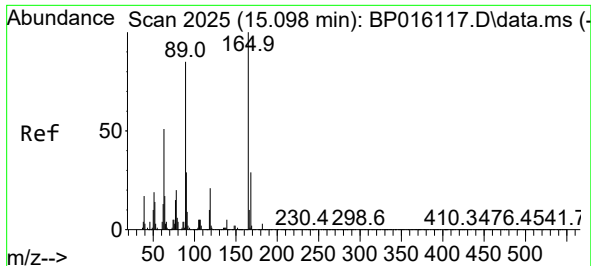
Tgt Ion:168 Resp: 1369092

Ion Ratio Lower Upper

168 100

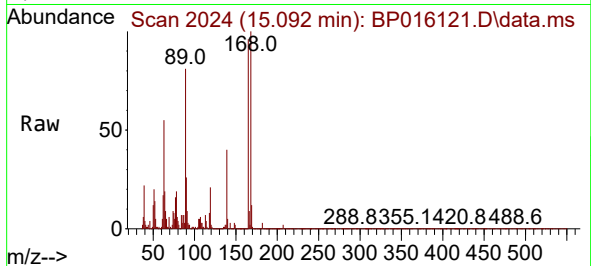
139 38.2 32.2 48.4



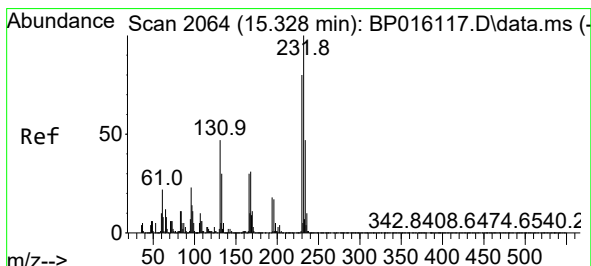
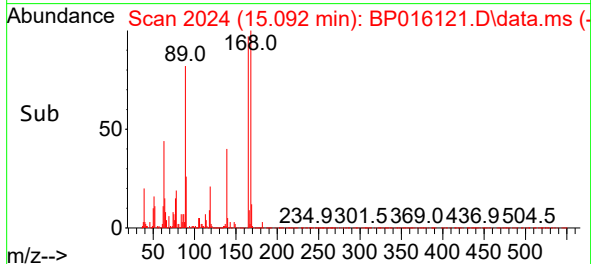
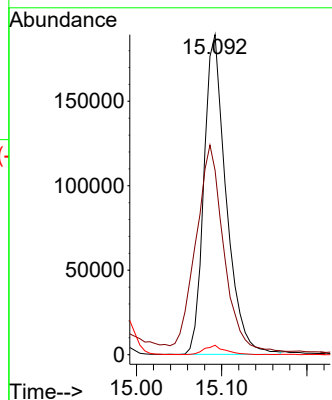


#57
2,4-Dinitrotoluene
Concen: 23.756 ng/ul
RT: 15.092 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Instrument :
BNA_P
ClientSampleId :

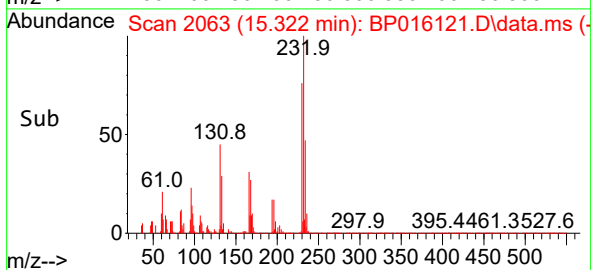
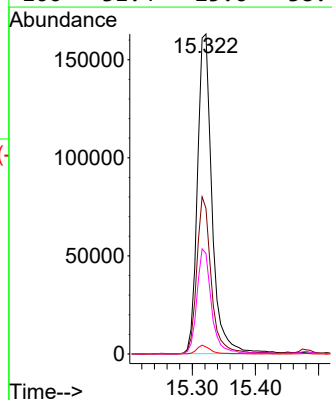
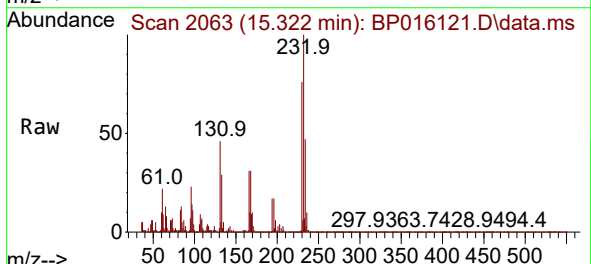


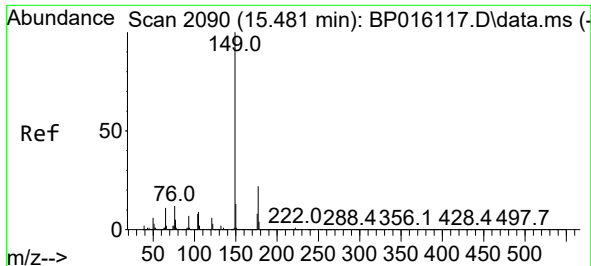
Tgt Ion:165 Resp: 343305
Ion Ratio Lower Upper
165 100
63 57.6 56.8 85.2
182 2.9 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.150 ng/ul
RT: 15.322 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:232 Resp: 262269
Ion Ratio Lower Upper
232 100
131 45.5 38.2 57.2
130 2.2 2.2 3.2
166 31.4 25.6 38.4

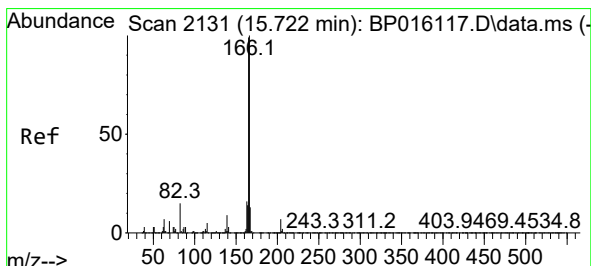
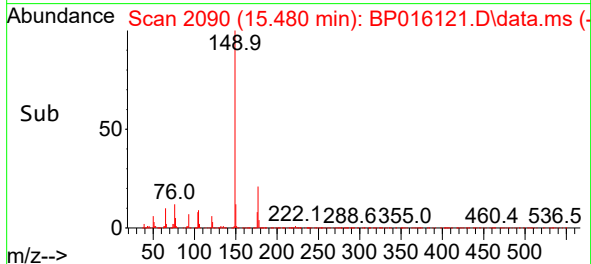
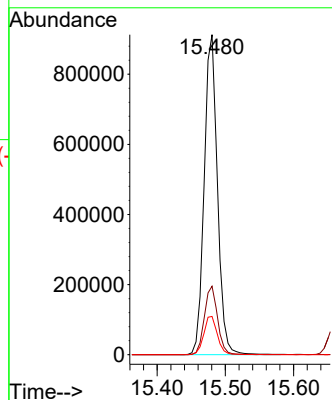
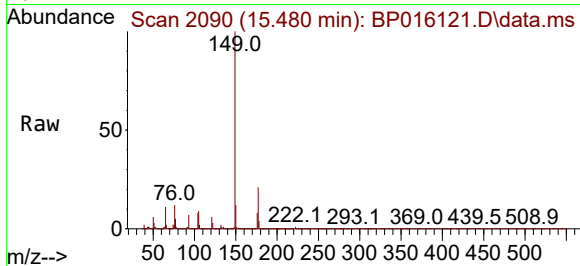




#59
Diethylphthalate
Concen: 23.306 ng/ul
RT: 15.480 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

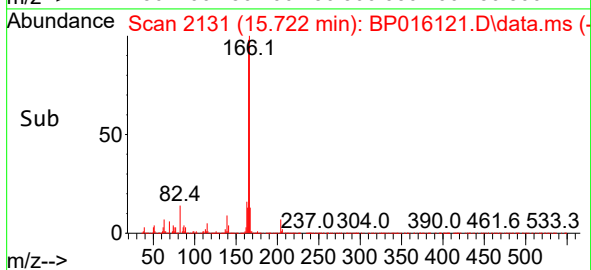
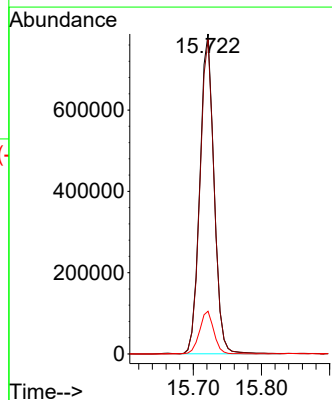
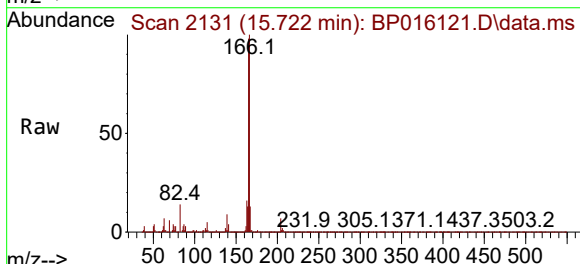
Instrument :
BNA_P
ClientSampleId :

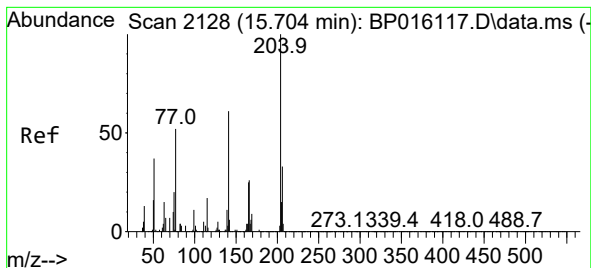
Tgt Ion:149 Resp: 1232963
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.0 10.3 15.5



#61
Fluorene
Concen: 23.289 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:166 Resp: 1137768
Ion Ratio Lower Upper
166 100
165 98.2 78.7 118.1
167 13.3 10.5 15.7

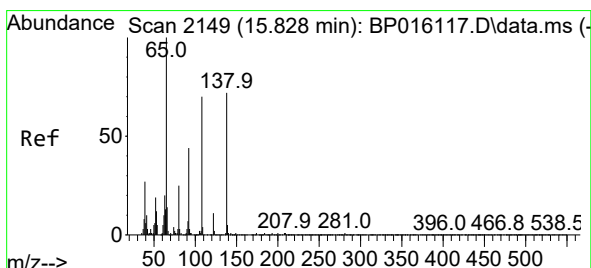
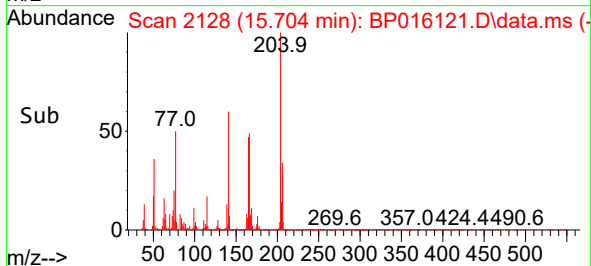
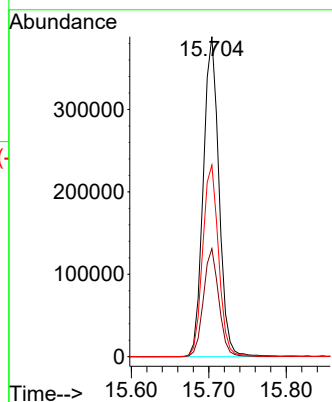
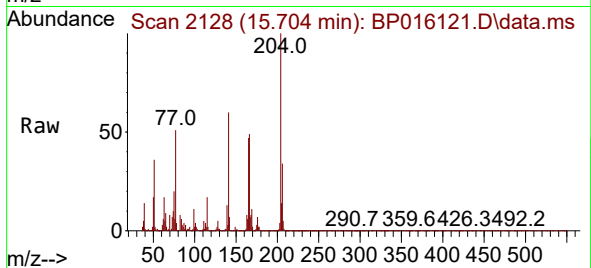




#62
4-Chlorophenyl-phenylether
Concen: 21.845 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

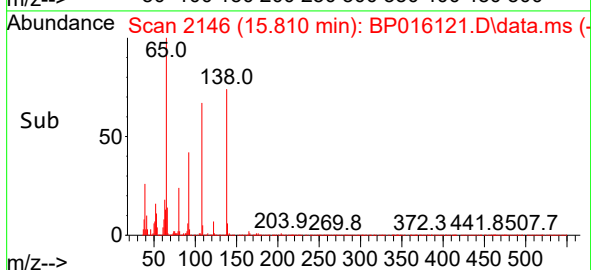
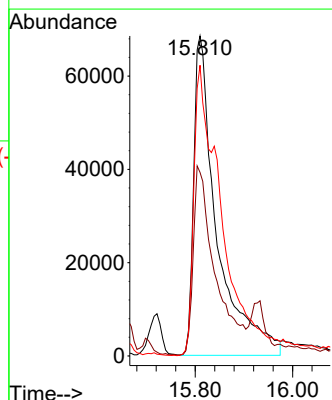
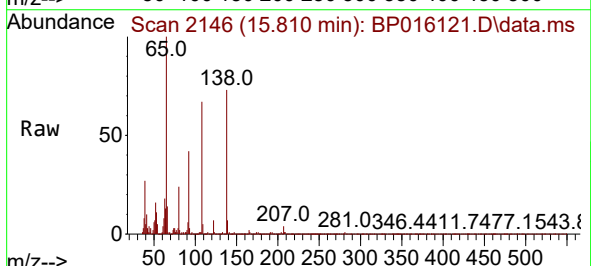
Instrument :
BNA_P
ClientSampleId :

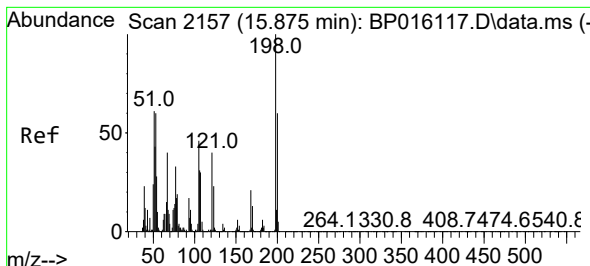
Tgt Ion:204 Resp: 546100
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 59.9 51.8 77.8



#63
4-Nitroaniline
Concen: 39.915 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:138 Resp: 227178
Ion Ratio Lower Upper
138 100
92 57.3 50.1 75.1
108 90.8 85.5 128.3

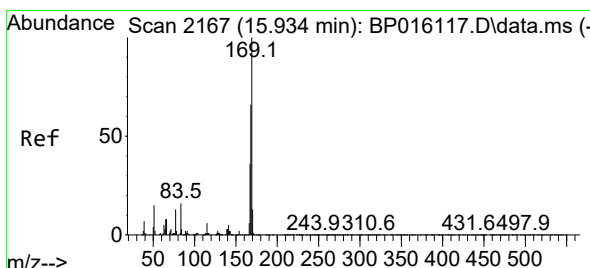
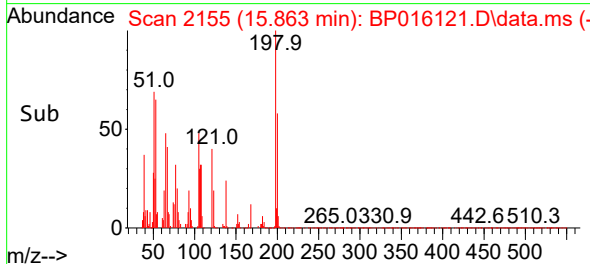
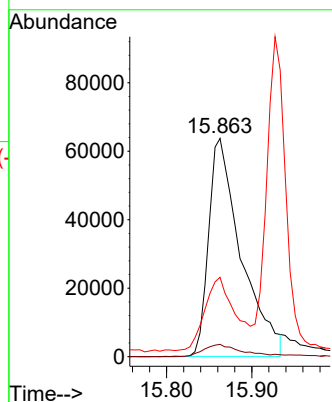
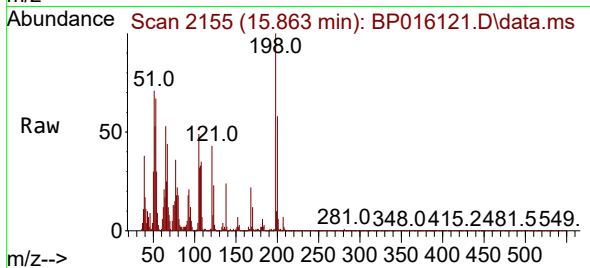




#66
4,6-Dinitro-2-methylphenol
Concen: 17.896 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

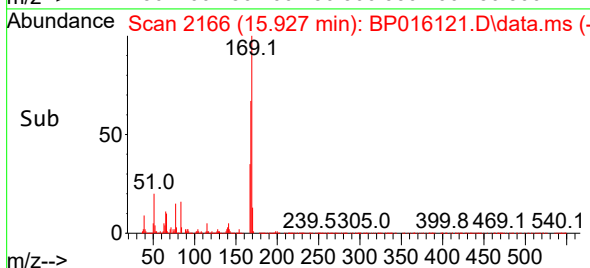
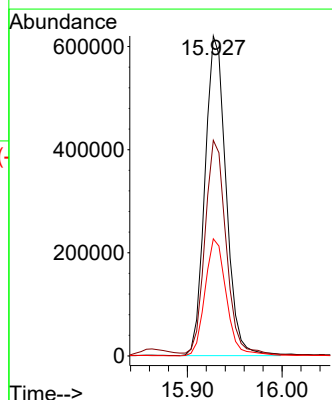
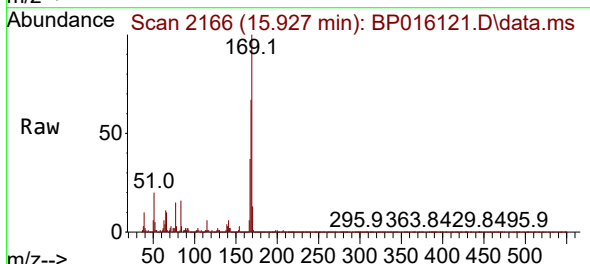
Instrument :
BNA_P
ClientSampleId :

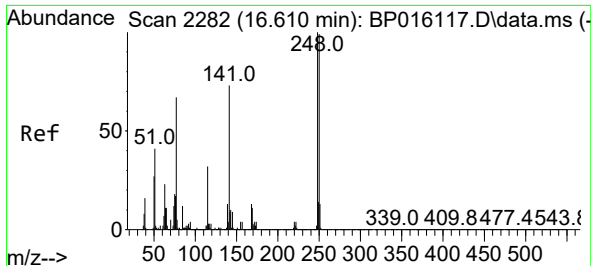
Tgt Ion:198 Resp: 168380
Ion Ratio Lower Upper
198 100
182 5.6 3.4 5.2#
77 36.3 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 21.113 ng/ul
RT: 15.927 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:169 Resp: 955718
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 36.6 29.7 44.5

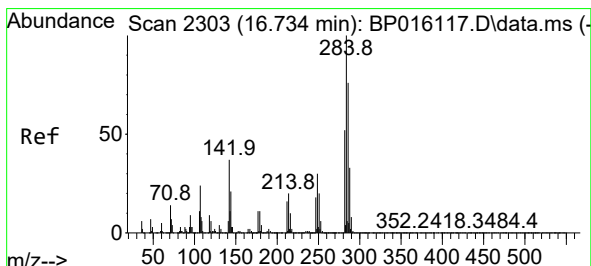
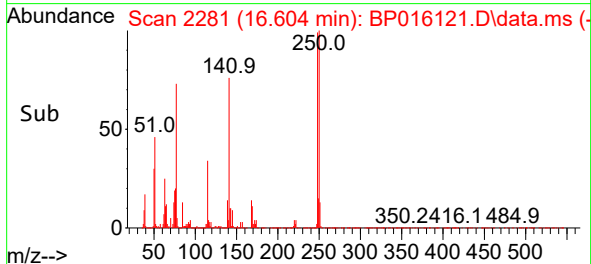
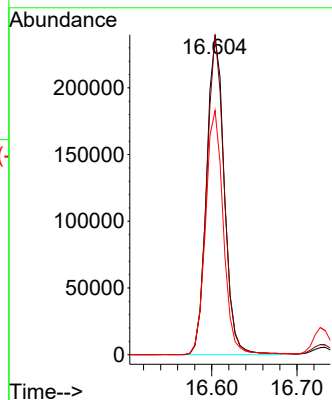
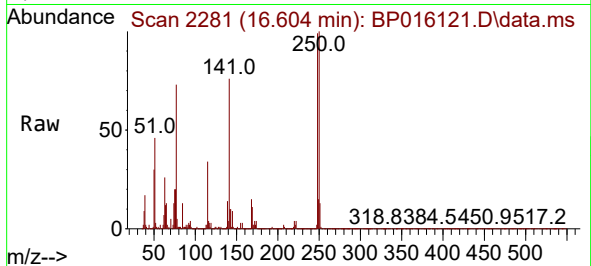




#68
4-Bromophenyl-phenylether
Concen: 19.980 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

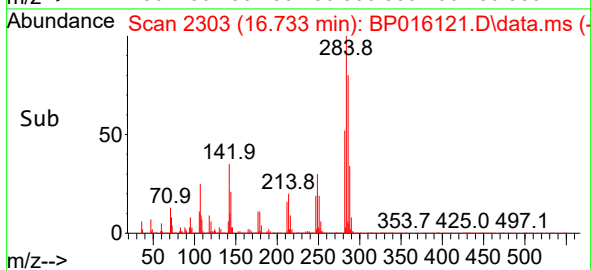
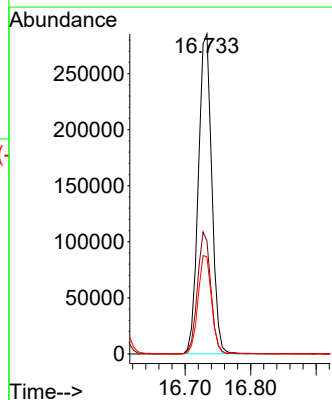
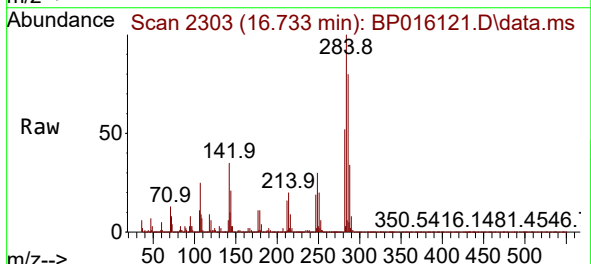
Instrument :
BNA_P
ClientSampleId :

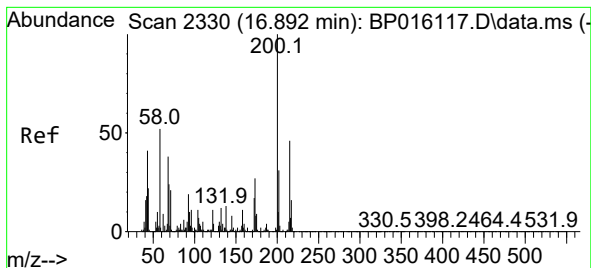
Tgt Ion:248 Resp: 344991
Ion Ratio Lower Upper
248 100
250 100.8 84.6 126.8
141 76.9 67.8 101.6



#69
Hexachlorobenzene
Concen: 19.971 ng/ul
RT: 16.733 min Scan# 2303
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:284 Resp: 406893
Ion Ratio Lower Upper
284 100
142 35.3 27.8 41.8
249 30.4 26.1 39.1





#70

Atrazine

Concen: 13.430 ng/ul

RT: 16.892 min Scan# 2330

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

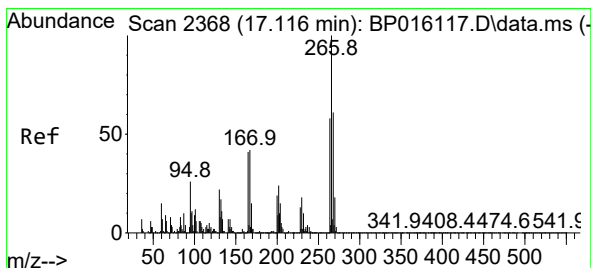
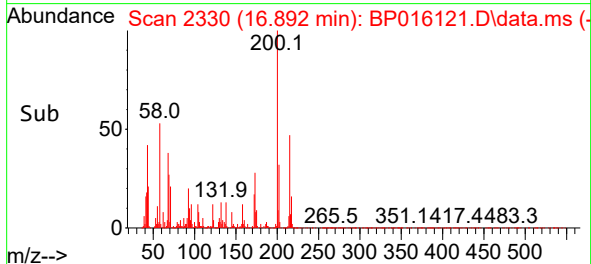
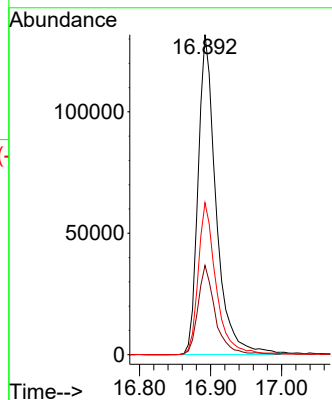
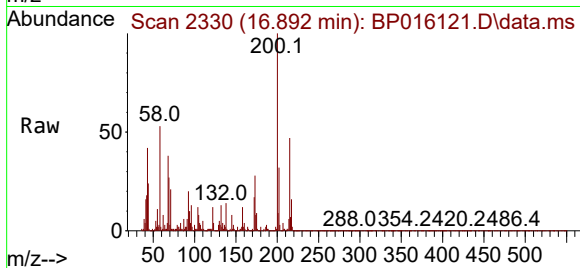
Tgt Ion:200 Resp: 232708

Ion Ratio Lower Upper

200 100

173 27.9 19.8 29.8

215 47.5 36.8 55.2



#71

Pentachlorophenol

Concen: 17.078 ng/ul

RT: 17.110 min Scan# 2367

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

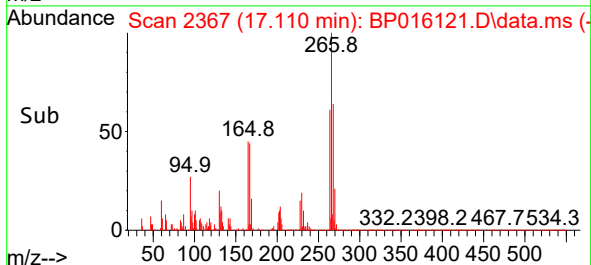
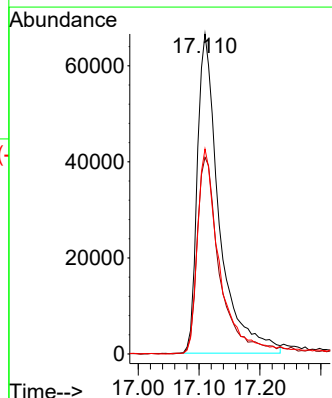
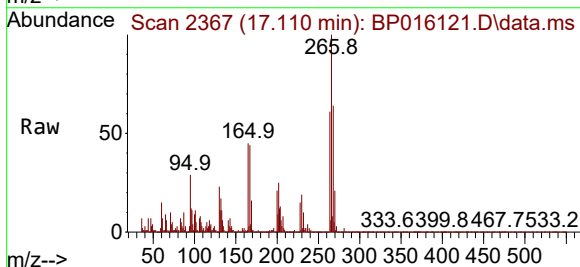
Tgt Ion:266 Resp: 167003

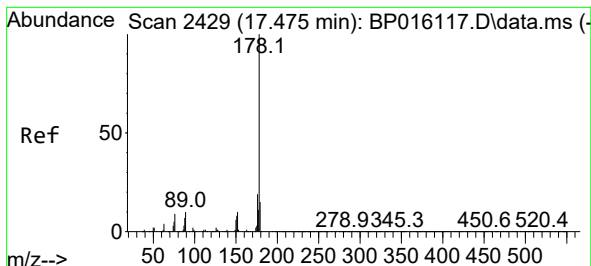
Ion Ratio Lower Upper

266 100

264 61.4 53.4 80.2

268 64.1 51.4 77.2





#72

Phenanthrene

Concen: 23.041 ng/ul

RT: 17.474 min Scan# 2429

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

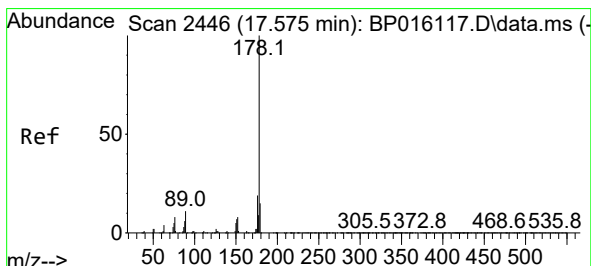
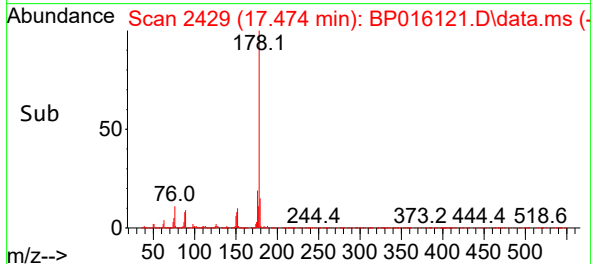
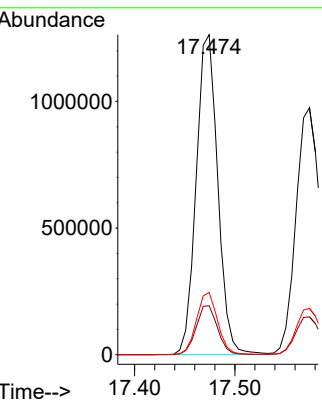
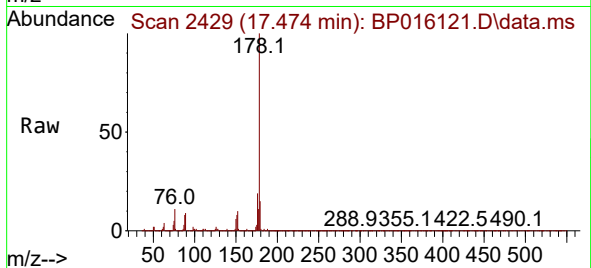
Tgt Ion:178 Resp: 1892754

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 22.853 ng/ul

RT: 17.574 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

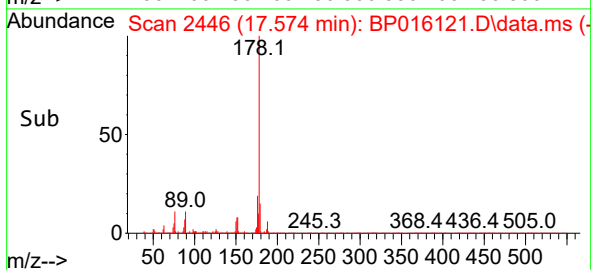
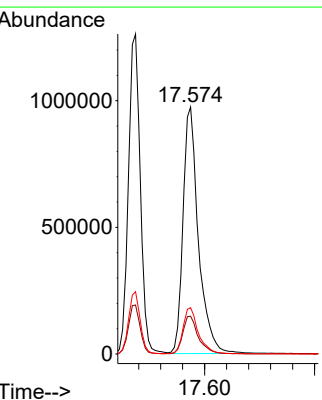
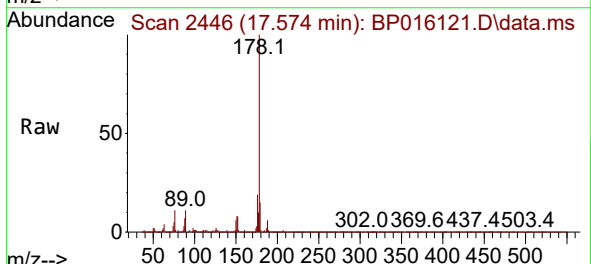
Tgt Ion:178 Resp: 1886321

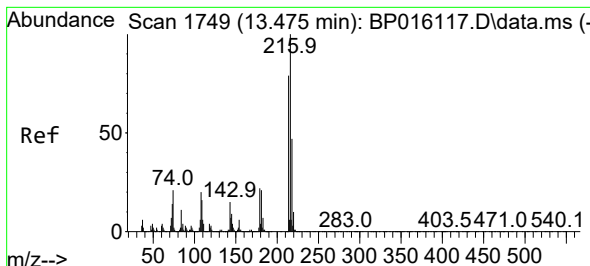
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 18.7 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.335 ng/uL

RT: 13.469 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

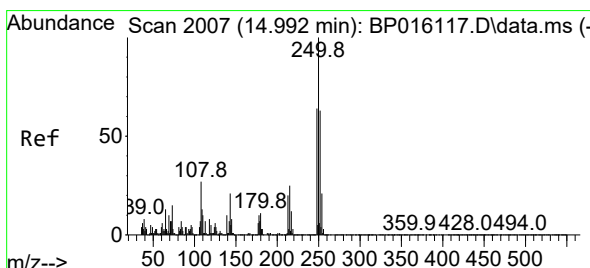
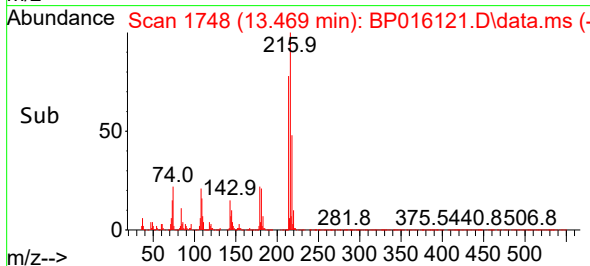
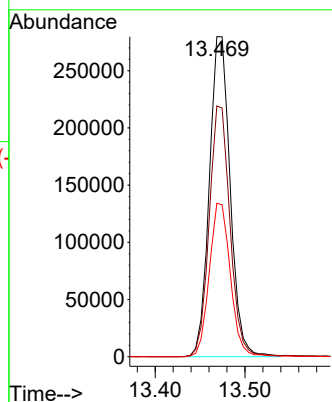
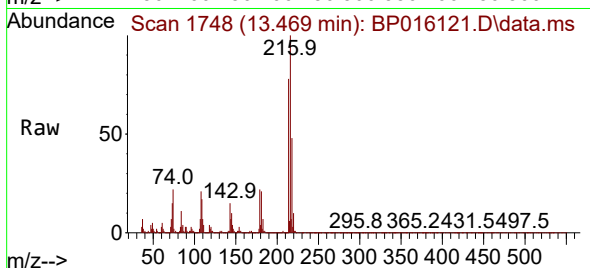
Tgt Ion:216 Resp: 451132

Ion Ratio Lower Upper

216 100

214 78.3 62.0 93.0

218 48.0 38.4 57.6



#76

Pentachlorobenzene

Concen: 43.157 ng/uL

RT: 14.986 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

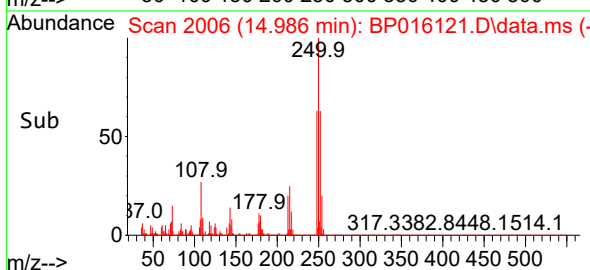
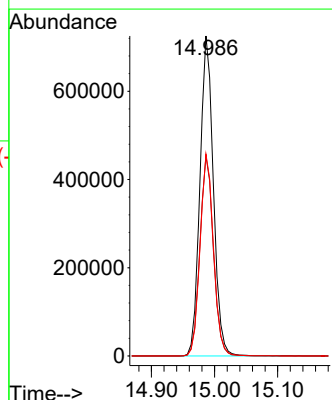
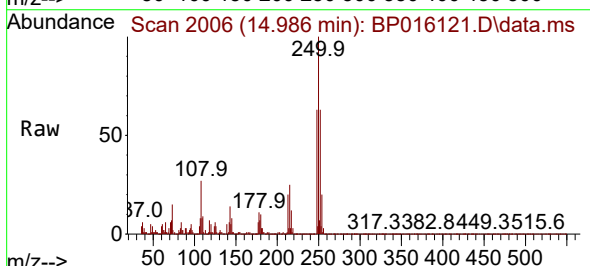
Tgt Ion:250 Resp: 1071713

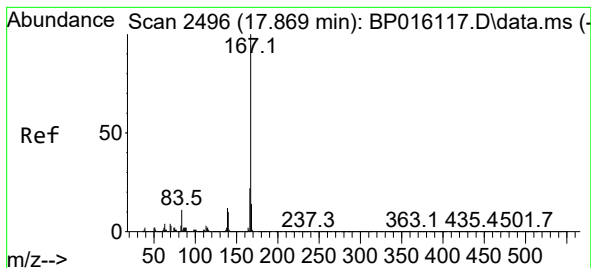
Ion Ratio Lower Upper

250 100

248 62.5 50.7 76.1

252 63.1 51.2 76.8





#77

Carbazole

Concen: 24.932 ng/ul

RT: 17.868 min Scan# 2496

Delta R.T. -0.000 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

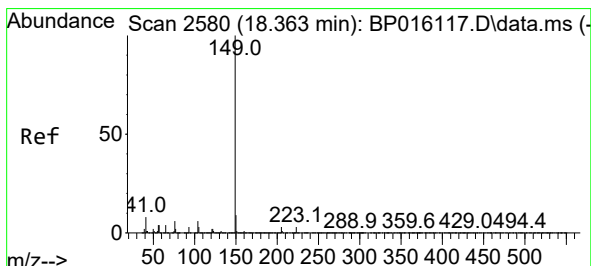
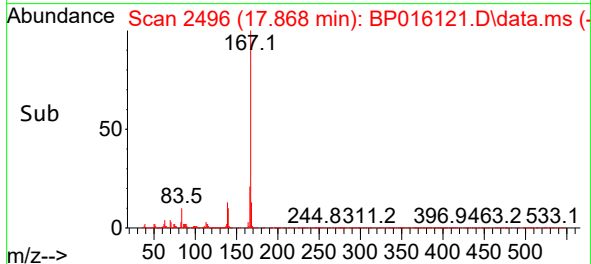
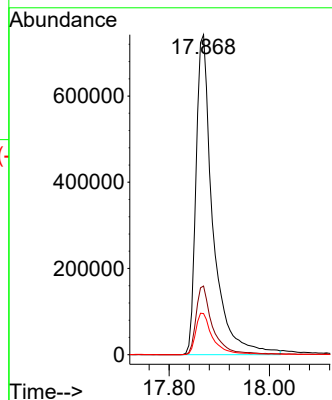
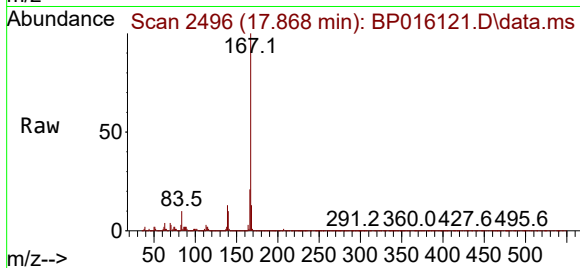
Tgt Ion:167 Resp: 1734538

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.9 11.0 16.4



#78

Di-n-butylphthalate

Concen: 24.411 ng/ul

RT: 18.363 min Scan# 2580

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

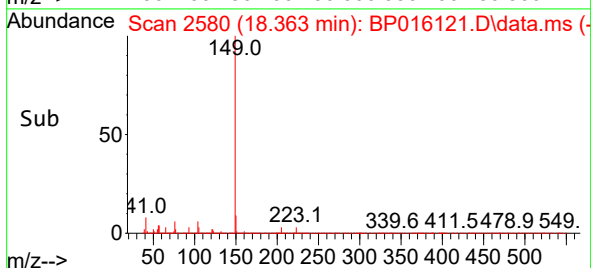
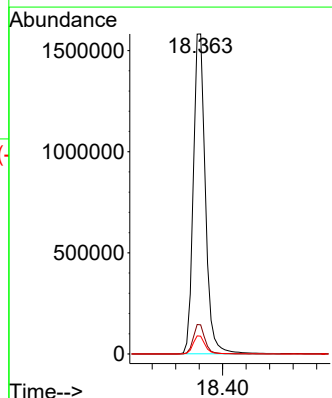
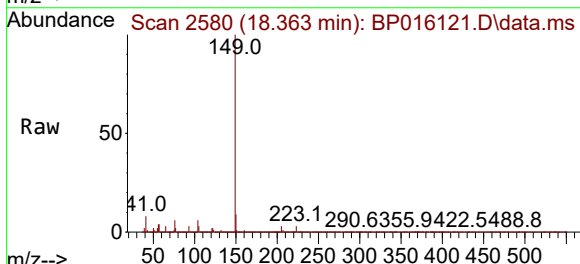
Tgt Ion:149 Resp: 2251493

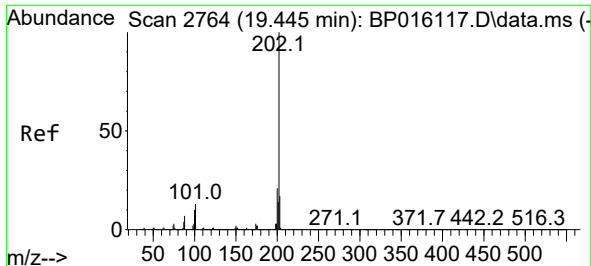
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.6 4.6 7.0

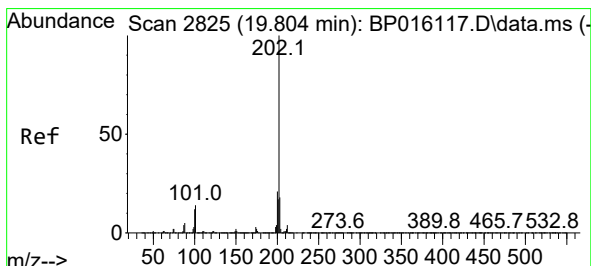
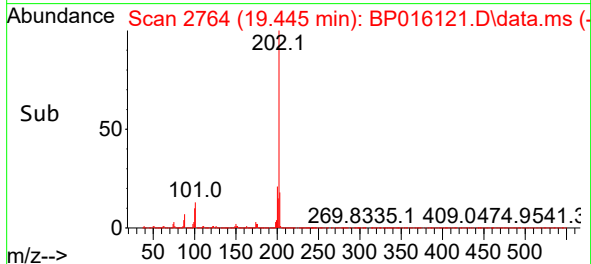
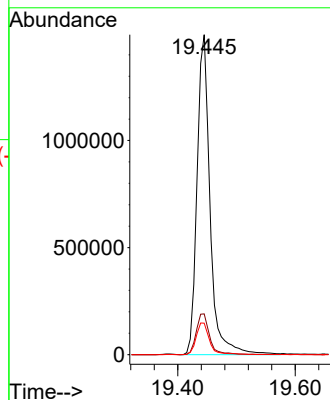
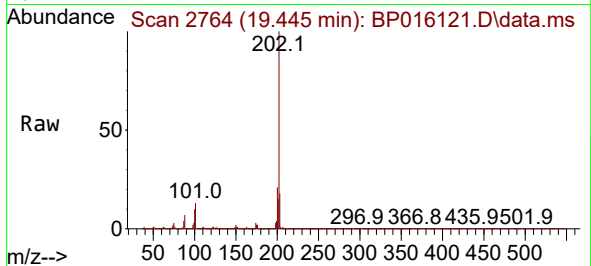




#80
Fluoranthene
Concen: 19.246 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

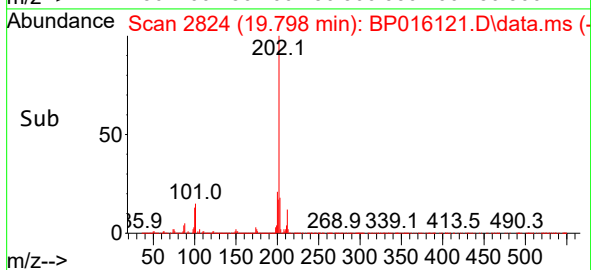
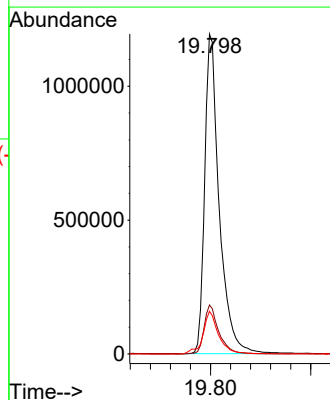
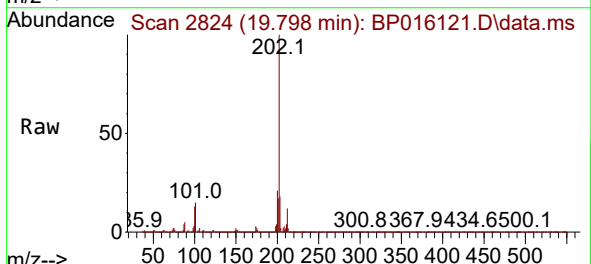
Instrument :
BNA_P
ClientSampleId :

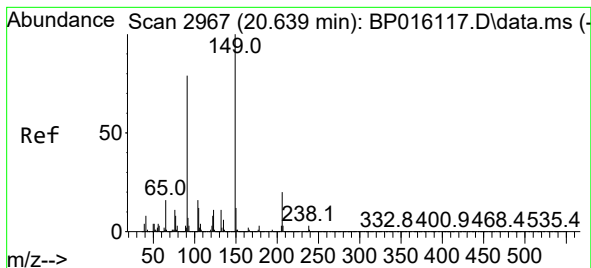
Tgt Ion:202 Resp: 2292431
Ion Ratio Lower Upper
202 100
101 12.8 8.3 12.5#
100 9.8 6.6 9.8



#82
Pyrene
Concen: 19.816 ng/ul
RT: 19.798 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:202 Resp: 2407684
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9#
100 13.3 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 21.985 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

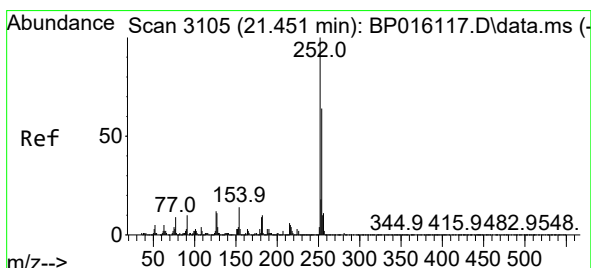
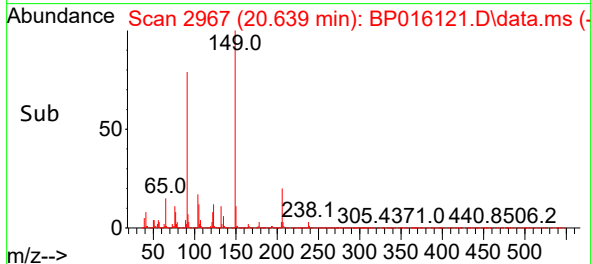
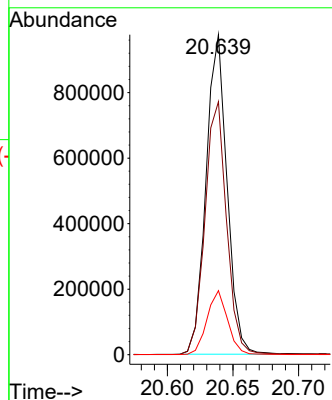
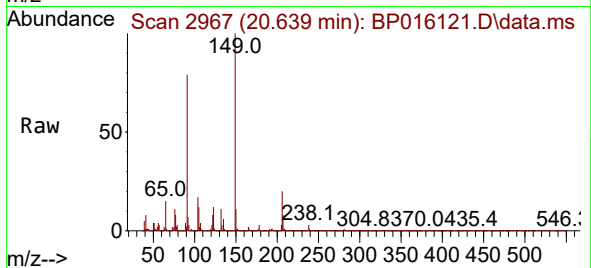
Tgt Ion:149 Resp: 1089794

Ion Ratio Lower Upper

149 100

91 79.1 59.8 89.6

206 20.0 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 23.323 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

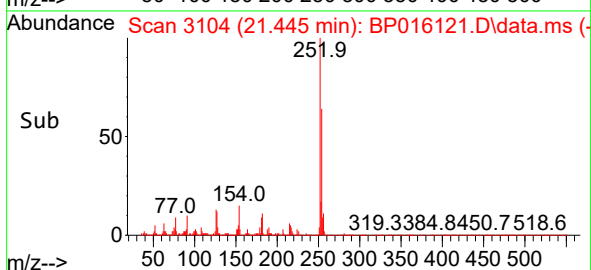
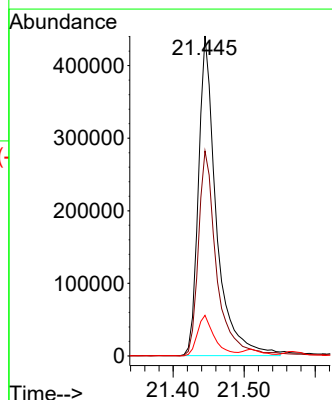
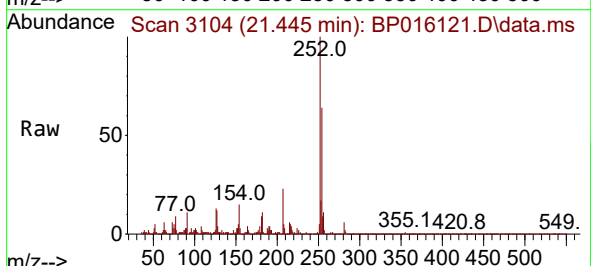
Tgt Ion:252 Resp: 773843

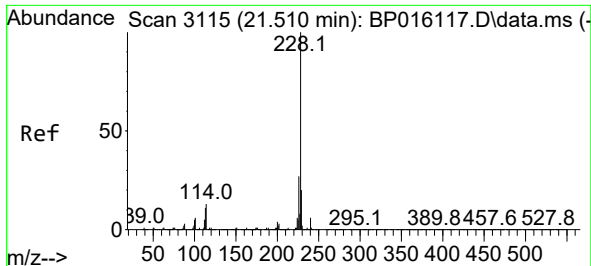
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 12.7 8.6 13.0

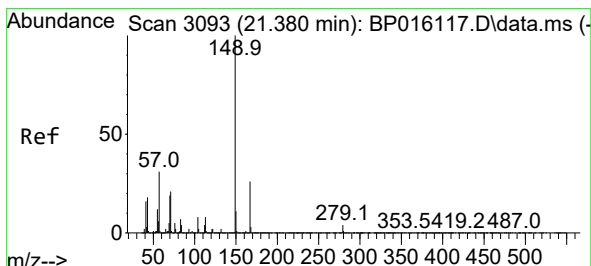
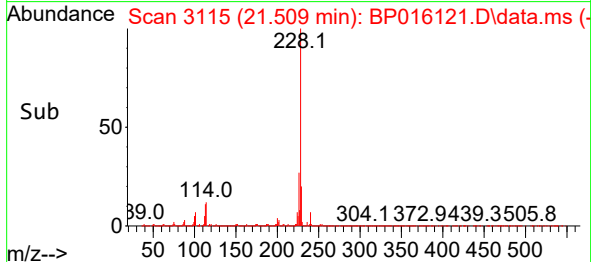
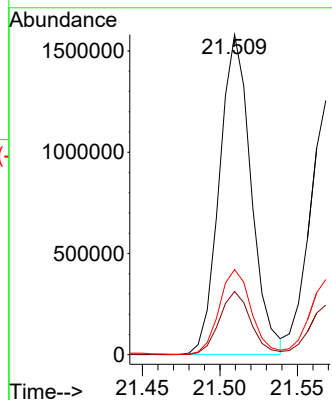
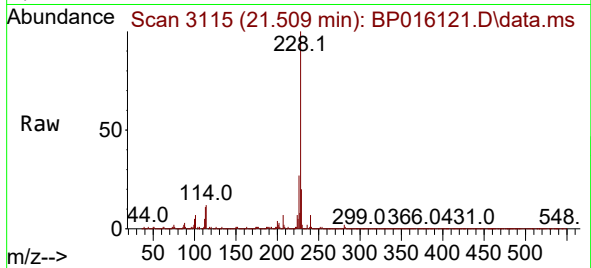




#85
Benzo(a)anthracene
Concen: 21.739 ng/ul
RT: 21.509 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

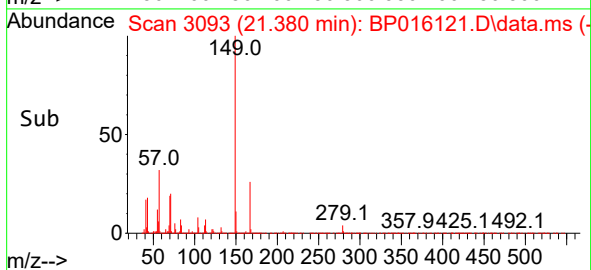
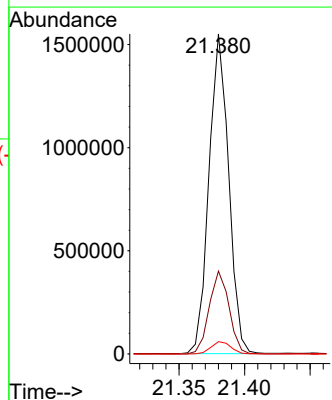
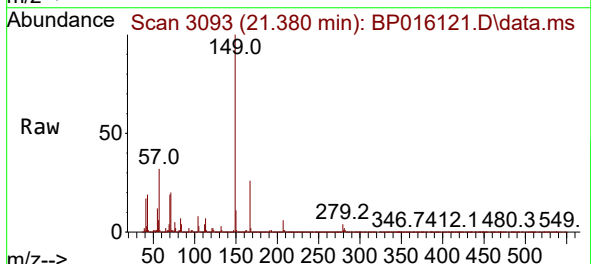
Instrument :
BNA_P
ClientSampleId :

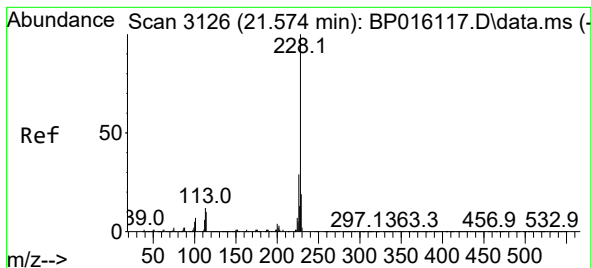
Tgt Ion:228 Resp: 2244503
Ion Ratio Lower Upper
228 100
229 19.8 15.3 22.9
226 26.6 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.739 ng/ul
RT: 21.380 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP016121.D
Acq: 09 Jul 2023 08:18

Tgt Ion:149 Resp: 1617183
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.6
279 3.8 3.8 5.6





#87

Chrysene

Concen: 23.842 ng/ul

RT: 21.568 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

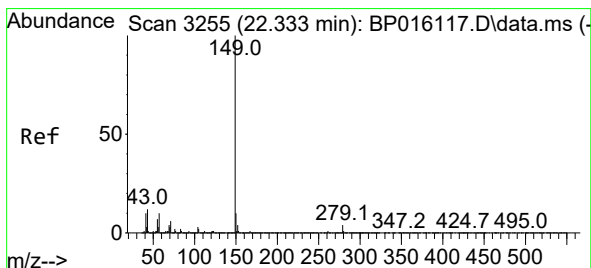
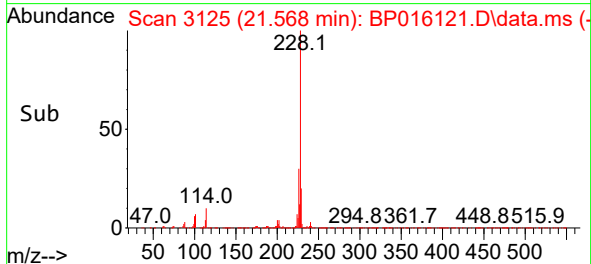
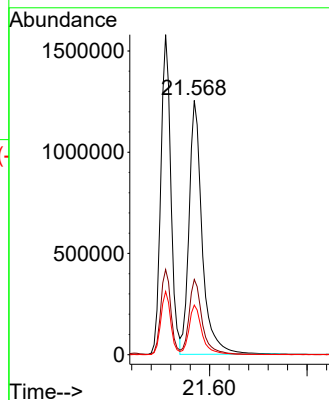
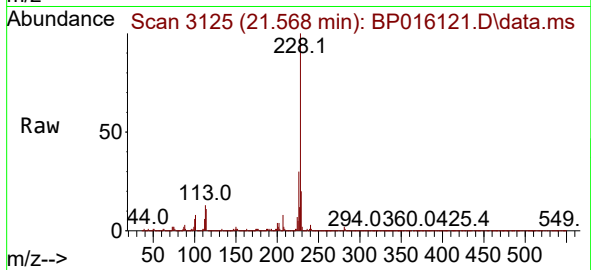
Tgt Ion:228 Resp: 2335555

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 24.453 ng/ul

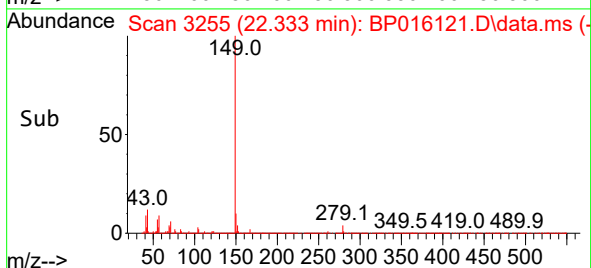
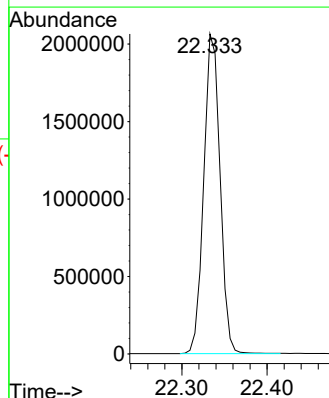
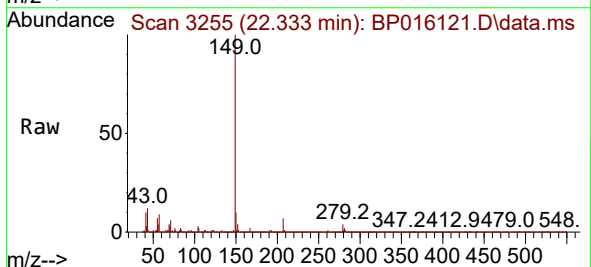
RT: 22.333 min Scan# 3255

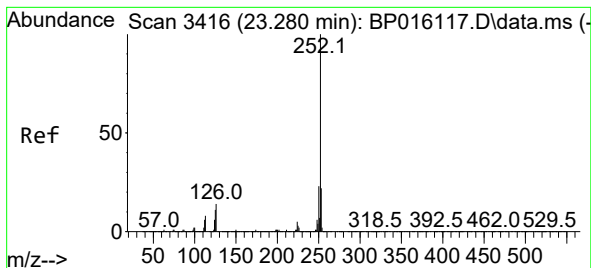
Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Tgt Ion:149 Resp: 2737682





#90

Benzo(b)fluoranthene

Concen: 23.051 ng/ul

RT: 23.274 min Scan# 3416

Delta R.T. -0.018 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

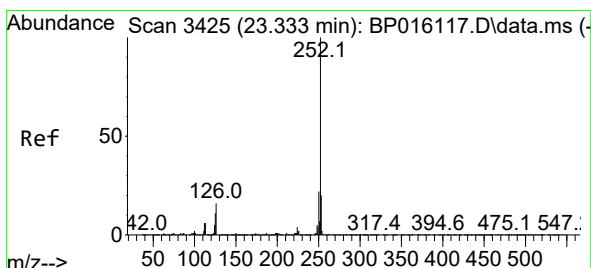
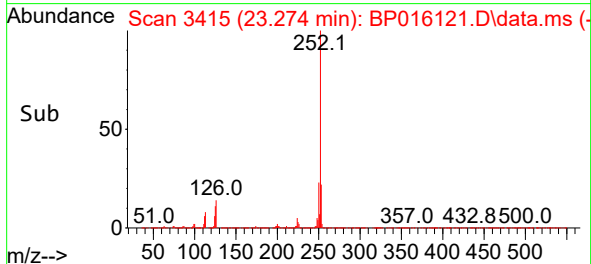
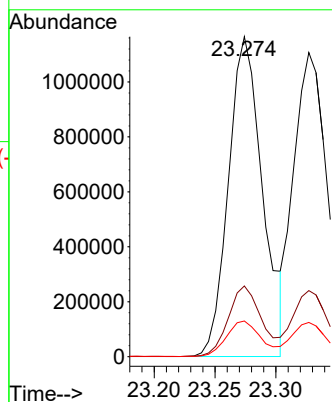
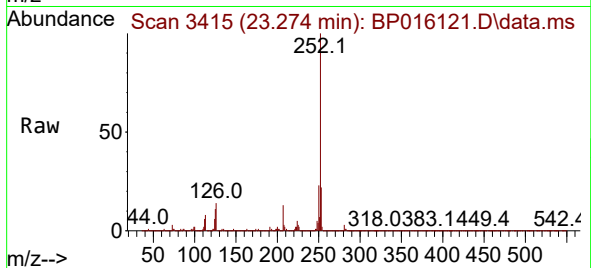
Tgt Ion:252 Resp: 2268984

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 22.740 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

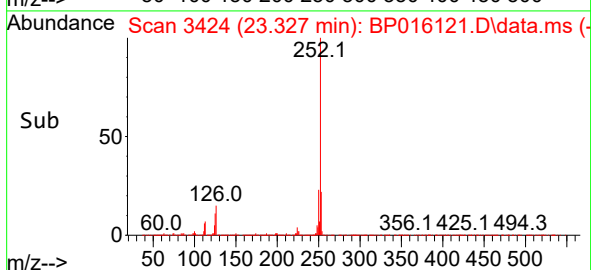
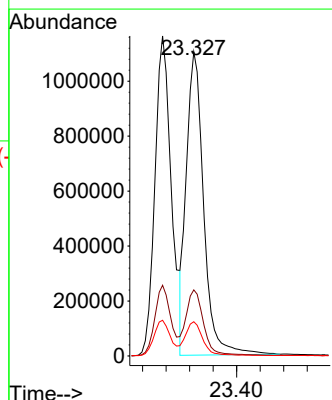
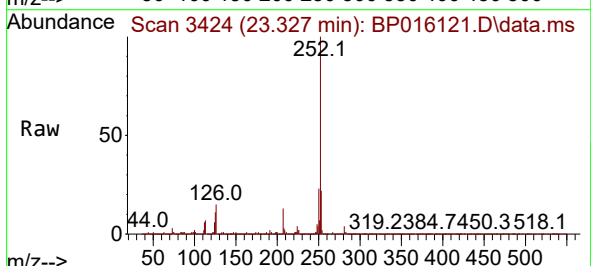
Tgt Ion:252 Resp: 2261595

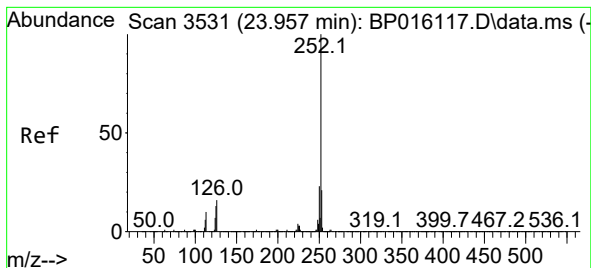
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 11.2 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 22.741 ng/ul

RT: 23.951 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

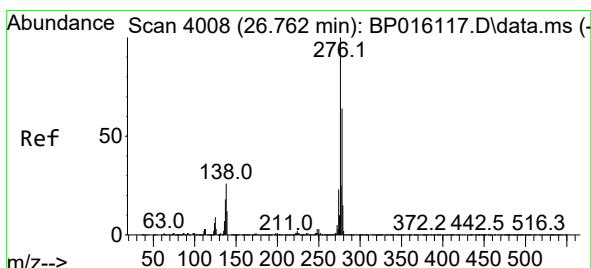
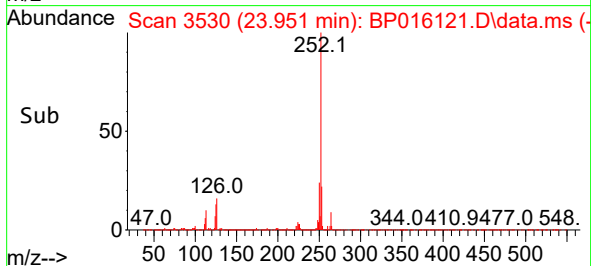
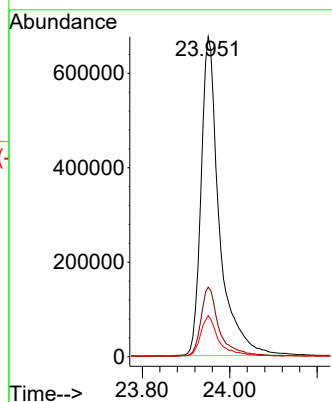
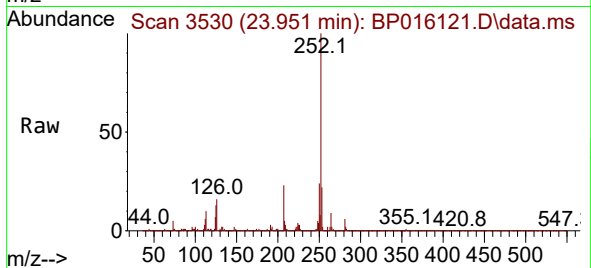
Tgt Ion:252 Resp: 1955904

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.720 ng/ul

RT: 26.750 min Scan# 4006

Delta R.T. -0.024 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

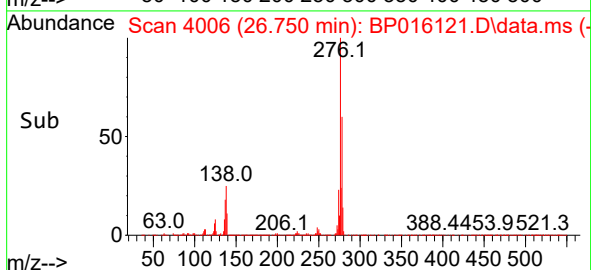
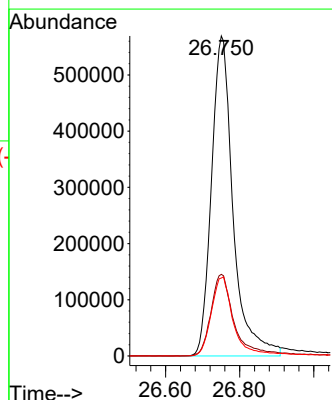
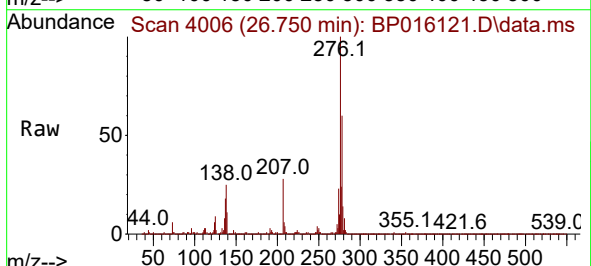
Tgt Ion:276 Resp: 2302524

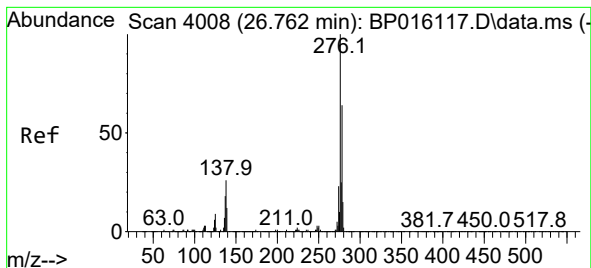
Ion Ratio Lower Upper

276 100

138 25.5 15.7 23.5#

277 24.3 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 19.574 ng/ul

RT: 26.756 min Scan# 4008

Delta R.T. -0.024 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Instrument :

BNA_P

ClientSampleId :

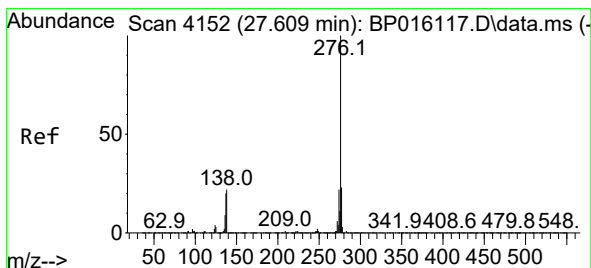
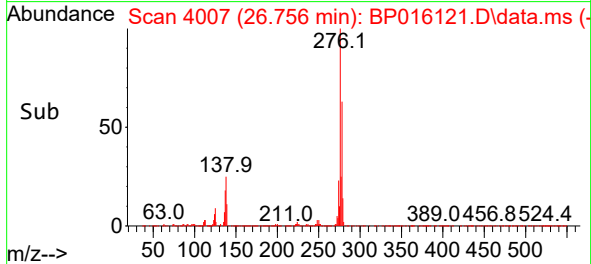
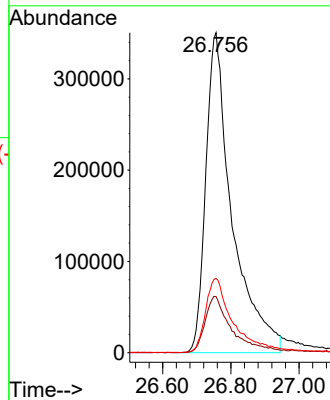
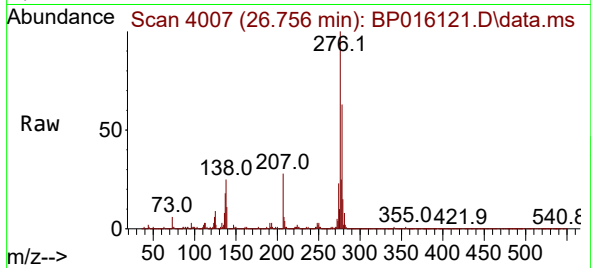
Tgt Ion:278 Resp: 1877267

Ion Ratio Lower Upper

278 100

139 17.5 10.5 15.7#

279 23.2 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 19.012 ng/ul

RT: 27.591 min Scan# 4149

Delta R.T. -0.030 min

Lab File: BP016121.D

Acq: 09 Jul 2023 08:18

Tgt Ion:276 Resp: 1826183

Ion Ratio Lower Upper

276 100

138 24.0 15.1 22.7#

277 24.1 18.8 28.2

